

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114118.D
 Acq On : 10 May 2019 11:25
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
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 5/13/2019 8:34:16 PM

Quant Time: May 10 13:26:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 11:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	317643	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1243967	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	578040	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1128552	20.00	ng	0.00
76) Chrysene-d12	14.02	240	756926	20.00	ng	0.00
87) Perylene-d12	15.50	264	715142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	2399681	122.50	ng	0.00
7) Phenol-d6	6.50	99	2726288	110.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	2615970	115.61	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	667139	91.70	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	4003082	110.42	ng	0.00
79) Terphenyl-d14	12.96	244	3995197	104.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	676952	65.364	ng	99
3) Pyridine	3.40	79	1861371	69.650	ng	99
4) n-Nitrosodimethylamine	3.37	42	908738	100.705	ng	98
6) Aniline	6.52	93	1991216	60.342	ng	100
8) 2-Chlorophenol	6.65	128	1245704	55.997	ng	98
9) Benzaldehyde	6.40	77	930652	68.894	ng	99
10) Phenol	6.51	94	1592260	55.524	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	1247058	56.016	ng	99
12) 1,3-Dichlorobenzene	6.80	146	1393411	56.853	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1399179	56.851	ng	98
14) 1,2-Dichlorobenzene	7.03	146	1277829	58.051	ng	98
15) Benzyl Alcohol	7.00	79	1090275	59.318	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	2381297	106.240	ng	99
17) 2-Methylphenol	7.11	107	1026098	61.276	ng	98
18) Hexachloroethane	7.37	117	524132	62.340	ng	100
19) n-Nitroso-di-n-propylamine	7.27	70	875074	58.732	ng	99
20) 3+4-Methylphenols	7.27	107	1129730	55.044	ng	95
22) Acetophenone	7.27	105	1573141	53.829	ng	96
24) Nitrobenzene	7.44	77	1341316	55.948	ng	98
25) Isophorone	7.68	82	2398055	54.426	ng	100
26) 2-Nitrophenol	7.75	139	670256	54.553	ng	94
27) 2,4-Dimethylphenol	7.79	122	1012545	60.840	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	1547454	57.452	ng	100
29) 2,4-Dichlorophenol	8.00	162	1002809	52.228	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	1146882	53.067	ng	100
31) Naphthalene	8.16	128	3332327	55.329	ng	99
32) Benzoic acid	7.94	122	738170m	64.303	ng	
33) 4-Chloroaniline	8.20	127	1538312	62.529	ng	97
34) Hexachlorobutadiene	8.28	225	657625	49.468	ng	98
35) Caprolactam	8.59	113	353672	62.429	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	1044724	55.385	ng	100
37) 2-Methylnaphthalene	8.85	142	2208118	54.908	ng	99
38) 1-Methylnaphthalene	8.95	142	2078690	53.432	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	1015223	56.238	ng	99

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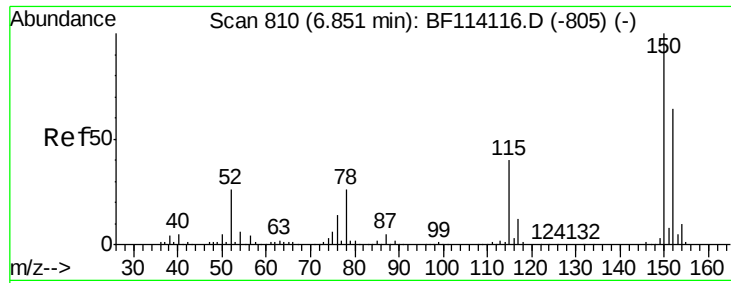
Manual Integrations
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 5/13/2019 8:34:16 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	488245	65.870	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	711714	61.367	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	745627	58.442	ng	94
46) 1,1'-Biphenyl	9.32	154	2613352	60.698	ng	99
47) 2-Chloronaphthalene	9.34	162	2147187	61.197	ng	98
48) 2-Nitroaniline	9.43	65	791736	81.220	ng	98
49) Acenaphthylene	9.76	152	3240134	58.568	ng	99
50) Dimethylphthalate	9.62	163	2448972	58.654	ng	98
51) 2,6-Dinitrotoluene	9.67	165	564899	59.698	ng	97
52) Acenaphthene	9.93	154	1953186m	60.880	ng	
53) 3-Nitroaniline	9.85	138	689561	69.574	ng	97
54) 2,4-Dinitrophenol	9.95	184	282971	66.300	ng	93
55) Dibenzofuran	10.10	168	2828622	56.063	ng	99
56) 4-Nitrophenol	10.01	139	490841	65.213	ng	90
57) 2,4-Dinitrotoluene	10.08	165	740200	57.699	ng	96
58) Fluorene	10.44	166	2172770	56.222	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	636639	56.173	ng	99
60) Diethylphthalate	10.31	149	2390113	58.298	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	1061959	53.092	ng	95
62) 4-Nitroaniline	10.46	138	702068	68.519	ng	98
63) Azobenzene	10.59	77	2302721	58.597	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	357708	56.057	ng	92
66) n-Nitrosodiphenylamine	10.55	169	1999598	56.757	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	718161	51.240	ng	96
68) Hexachlorobenzene	10.99	284	789381	51.301	ng	97
69) Atrazine	11.07	200	622015	52.640	ng	99
70) Pentachlorophenol	11.18	266	410624	50.201	ng	99
71) Phenanthrene	11.40	178	3144291	55.083	ng	98
72) Anthracene	11.45	178	3162760	54.872	ng	98
73) Carbazole	11.60	167	2997237	58.918	ng	97
74) Di-n-butylphthalate	11.93	149	3463887	55.795	ng	97
75) Fluoranthene	12.59	202	3400699	56.134	ng	96
77) Benzidine	12.70	184	1903020	87.338	ng	98
78) Pyrene	12.82	202	3468798	65.864	ng	98
80) Butylbenzylphthalate	13.43	149	1580639	69.576	ng	95
81) Benzo(a)anthracene	14.01	228	2842761	57.975	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	1131614	63.006	ng	98
83) Chrysene	14.05	228	2798387	58.543	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1992093	62.735	ng	100
85) Di-n-octyl phthalate	14.63	149	3259857	61.948	ng	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2483003	56.353	ng	100
88) Benzo(b)fluoranthene	15.07	252	2878155	64.773	ng	98
89) Benzo(k)fluoranthene	15.11	252	2309979	58.911	ng	99
90) Benzo(a)pyrene	15.44	252	2376651	60.837	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	1993307	60.712	ng	99
92) Benzo(g,h,i)perylene	17.42	276	2041918	63.119	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

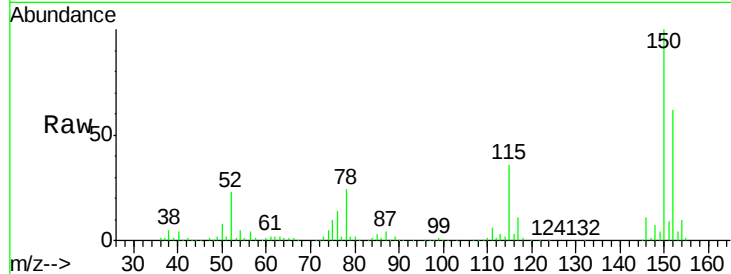
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

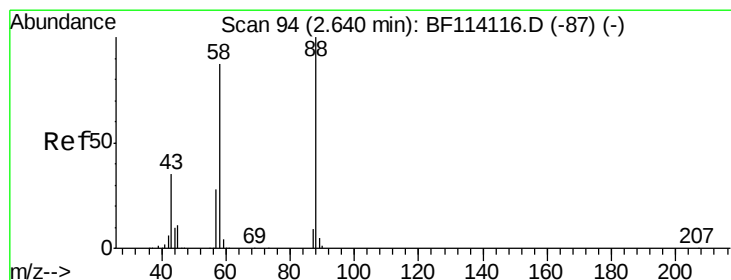
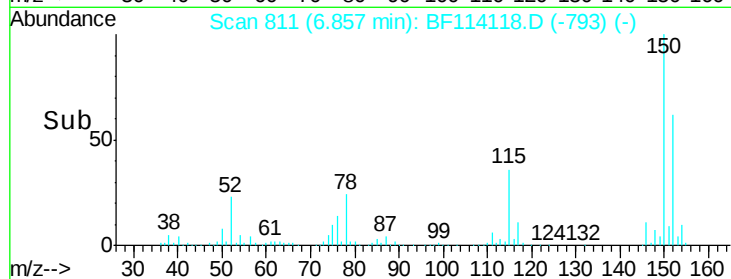
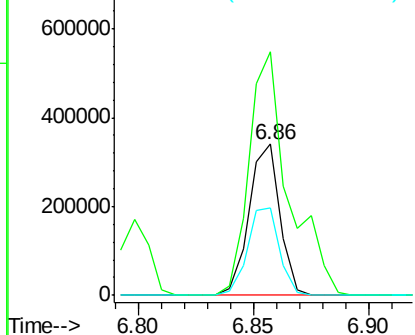
Tgt Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.3	186.5
115	58.0	49.1	73.7

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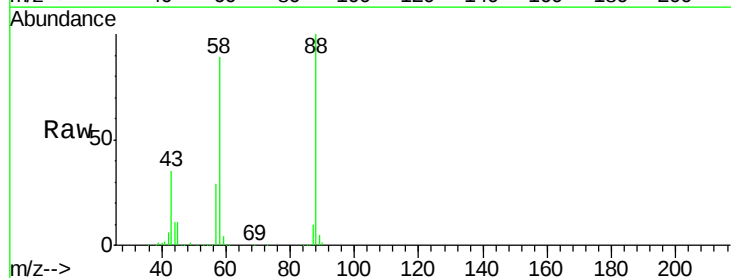
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



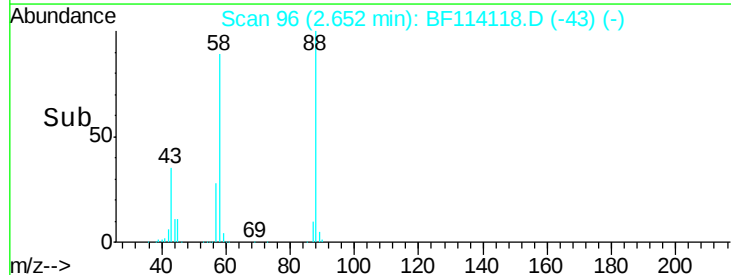
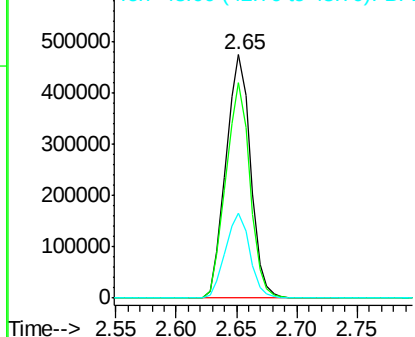
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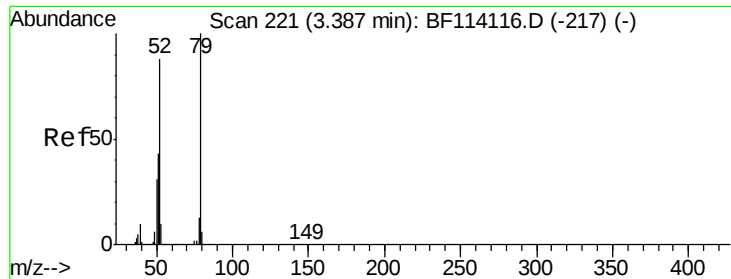
1,4-Dioxane
Concen: 65.364 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.5	68.7	103.1
43	34.7	28.2	42.2



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





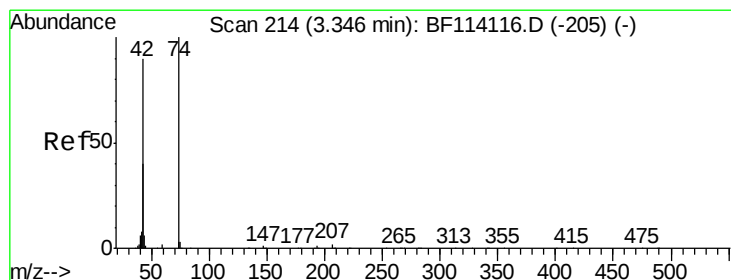
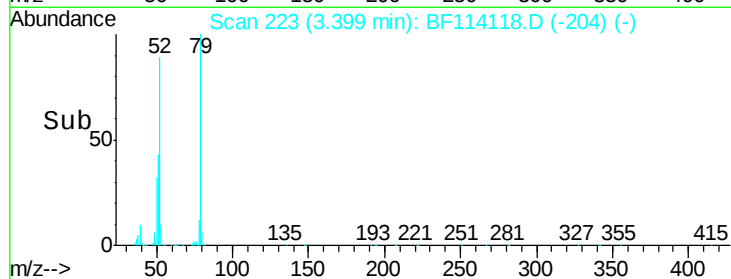
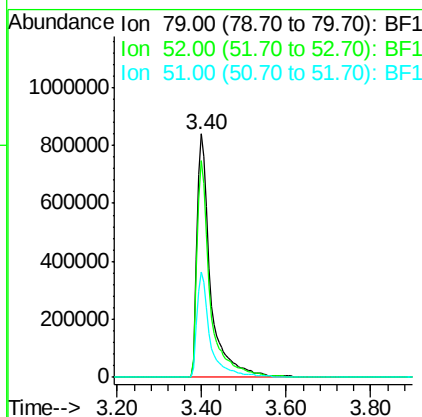
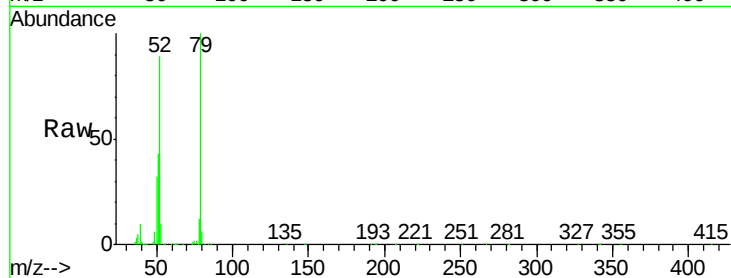
#3
 Pyridine
 Concen: 69.650 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion: 79 Resp: 1861371
 Ion Ratio Lower Upper
 79 100
 52 89.1 70.6 105.8
 51 43.4 34.2 51.2

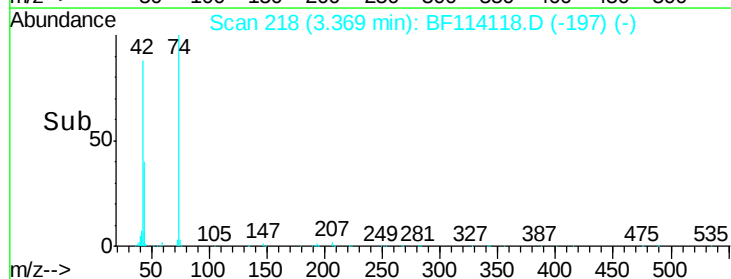
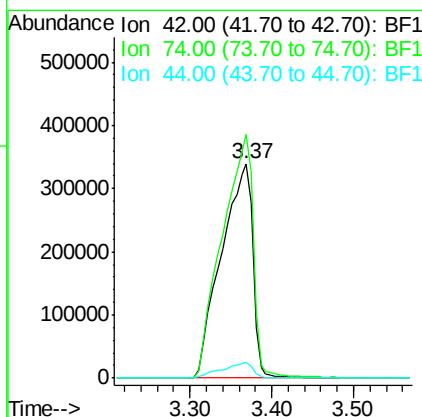
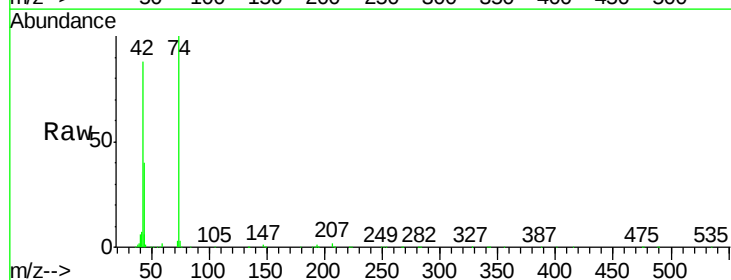
Manual Integrations
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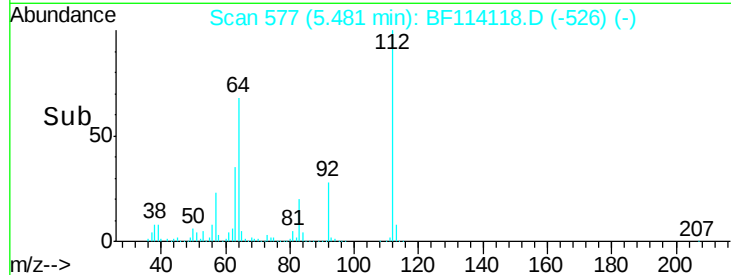
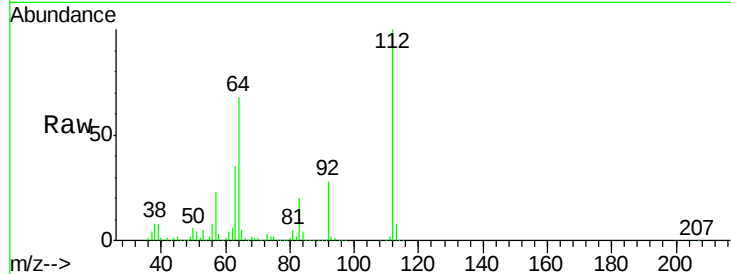
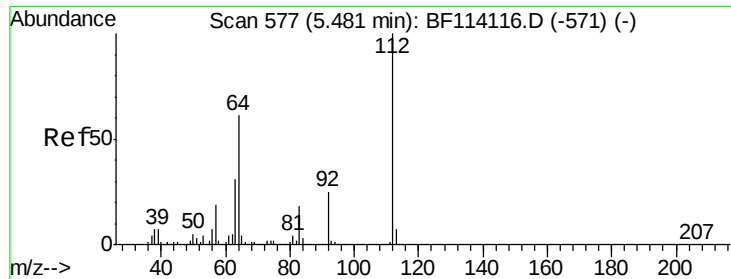
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#4
 n-Nitrosodimethylamine
 Concen: 100.705 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.02 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion: 42 Resp: 908738
 Ion Ratio Lower Upper
 42 100
 74 113.4 88.6 132.8
 44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 122.499 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

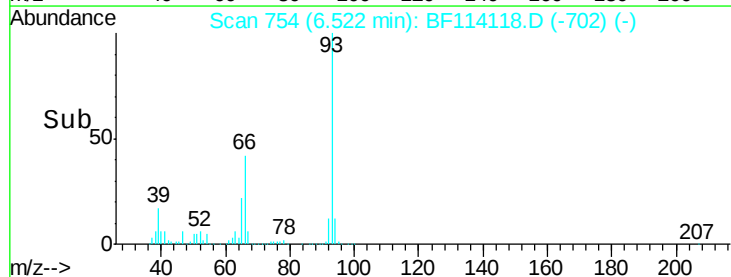
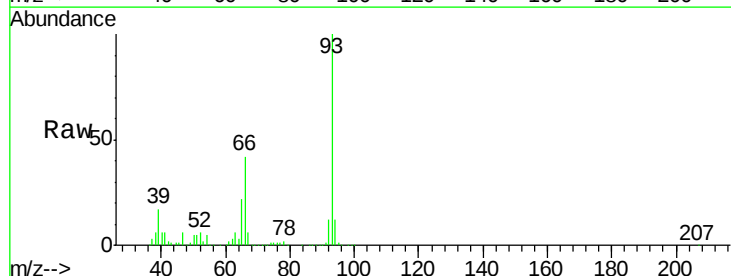
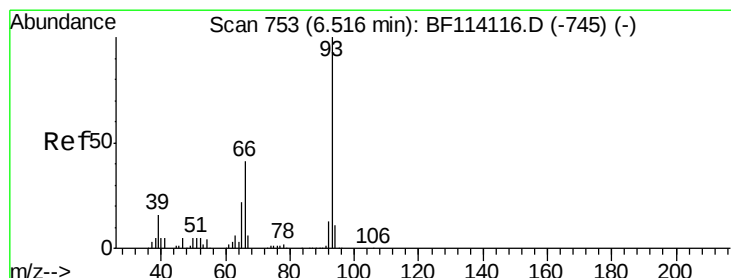
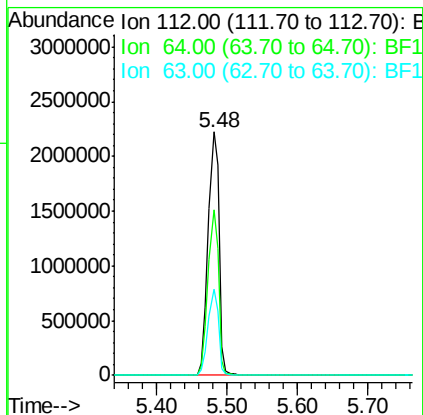
ClientSampleId :

SSTDIC060

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.0	49.0	73.6
63	35.4	24.6	37.0

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#6

Aniline

Concen: 60.342 ng

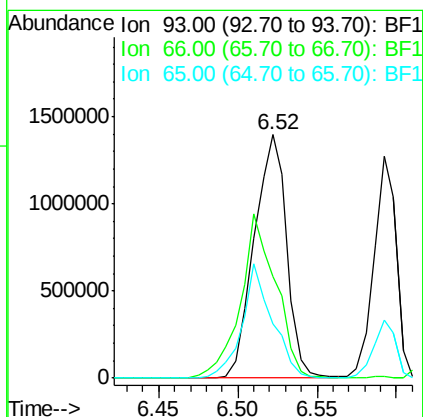
RT: 6.52 min Scan# 754

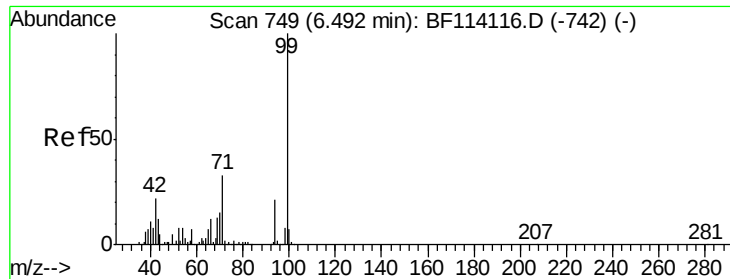
Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
93	100		
66	41.6	33.2	49.8
65	22.0	17.6	26.4





#7

Phenol-d6

Concen: 110.798 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 2726288

Ion Ratio Lower Upper

99 100

42 23.3 17.9 26.9

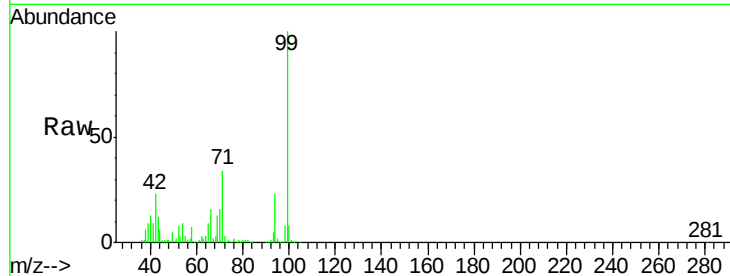
71 34.0 26.2 39.2

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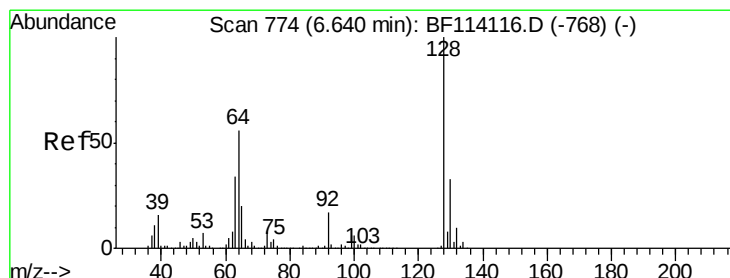
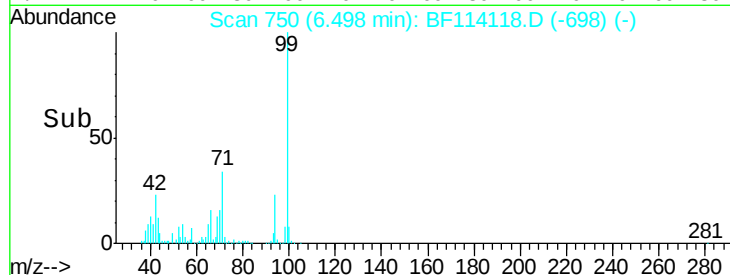
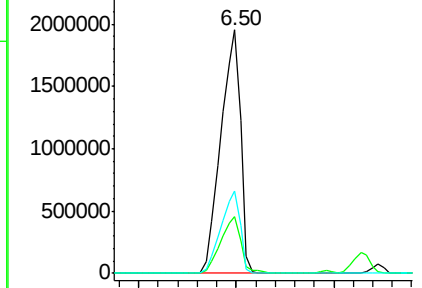
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 55.997 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

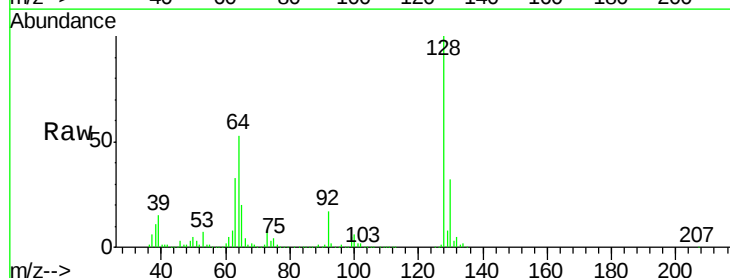
Tgt Ion: 128 Resp: 1245704

Ion Ratio Lower Upper

128 100

130 32.4 12.6 52.6

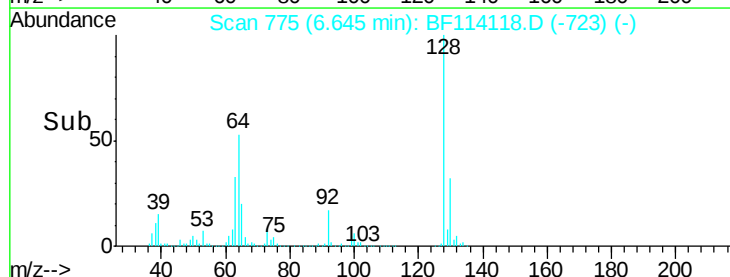
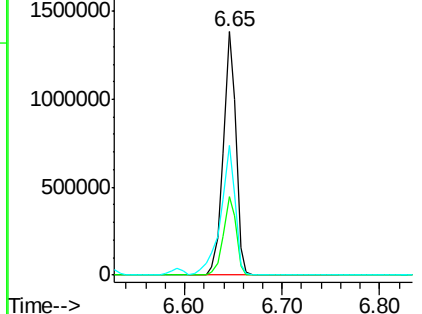
64 53.3 35.9 75.9

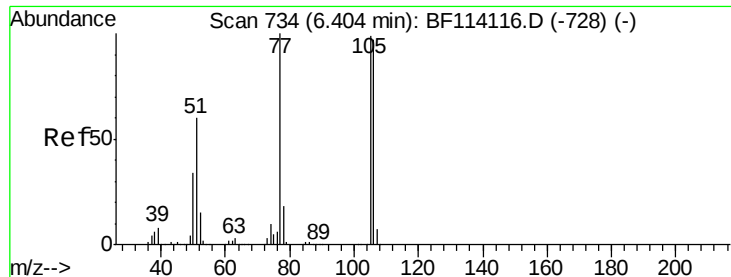


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 68.894 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

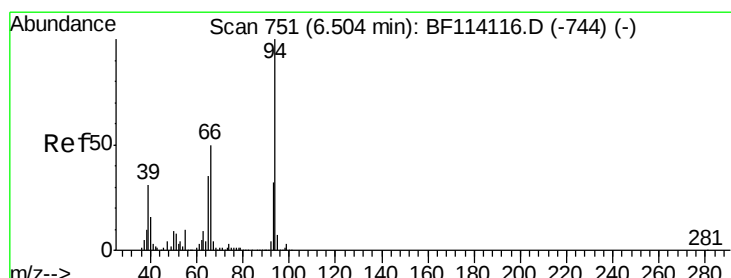
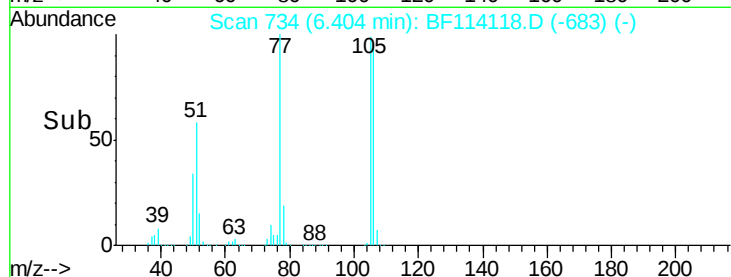
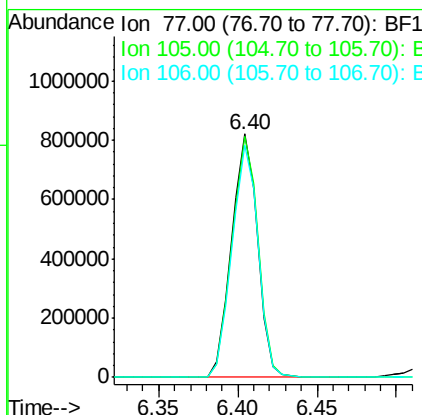
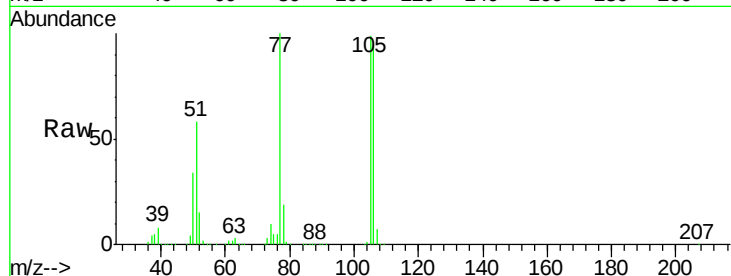
ClientSampled :

SSTDICC060

Tgt Ion	Ratio	Lower	Upper
77	100		
105	99.2	79.3	119.3
106	95.3	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 55.524 ng

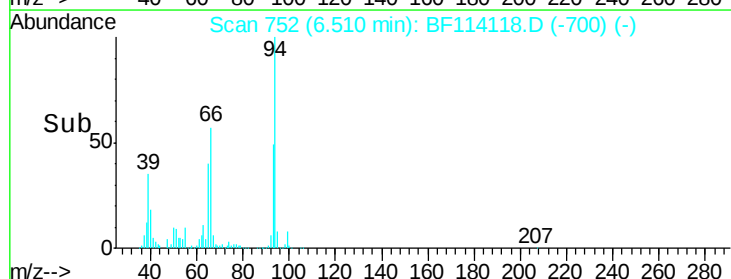
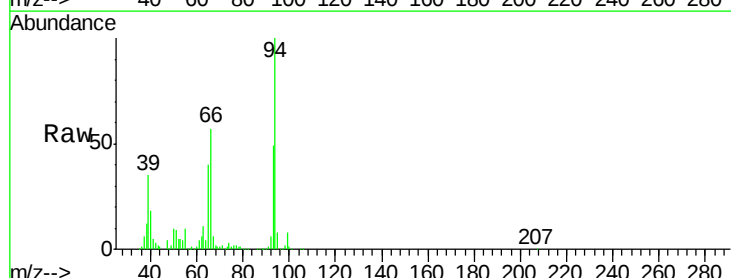
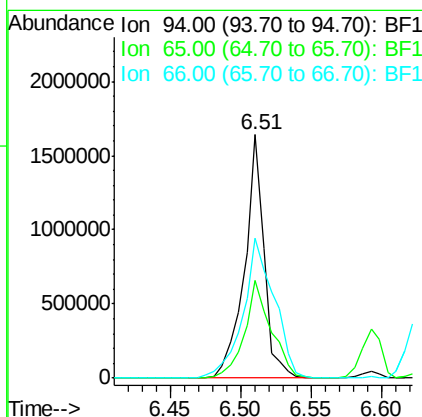
RT: 6.51 min Scan# 752

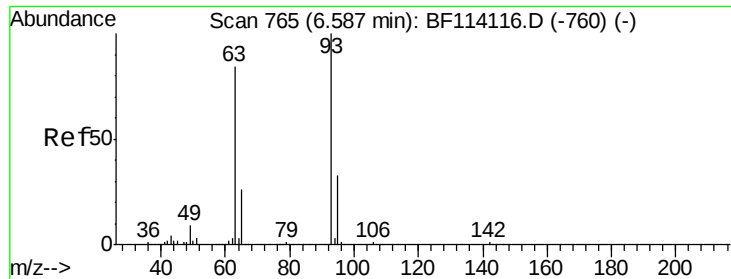
Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.0	14.7	54.7
66	57.3	29.6	69.6





#11

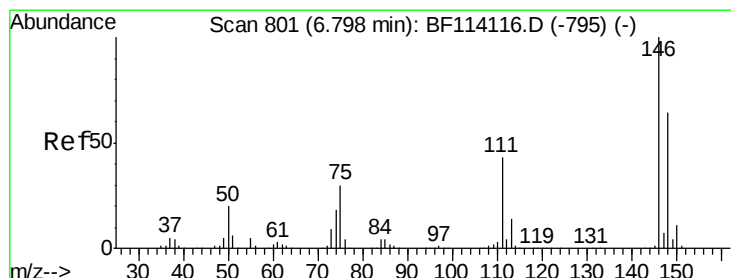
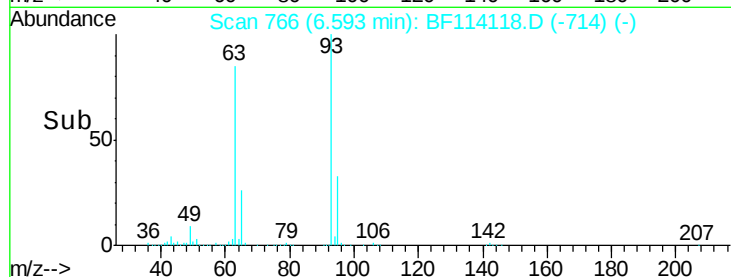
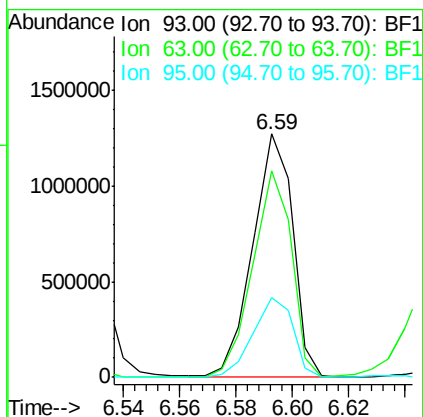
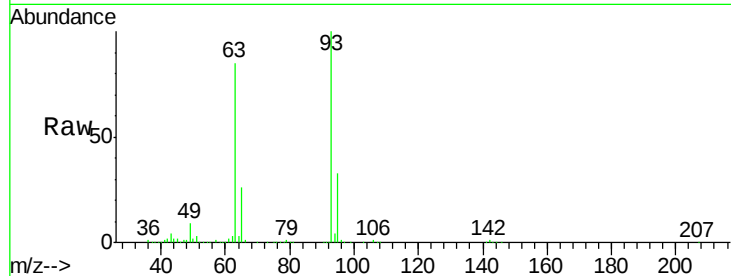
bis(2-Chloroethyl)ether
Concen: 56.016 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 93 Resp: 1247058
Ion Ratio Lower Upper
93 100
63 84.6 63.6 103.6
95 32.6 13.1 53.1

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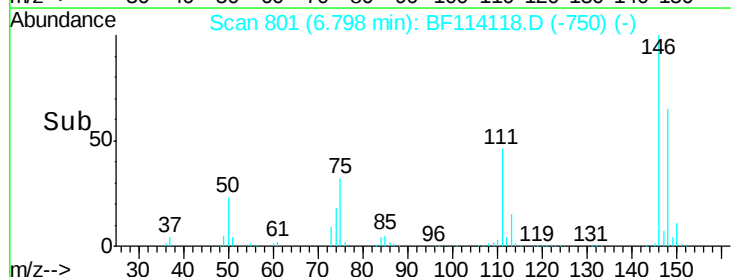
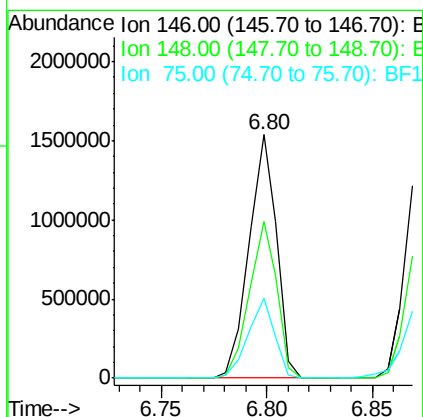
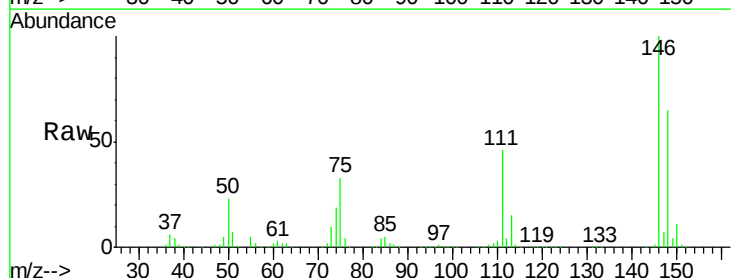
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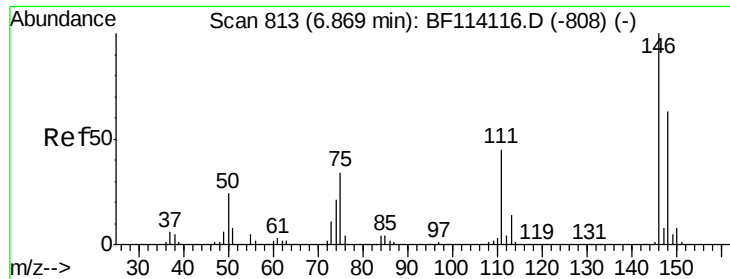


#12

1,3-Dichlorobenzene
Concen: 56.853 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion: 146 Resp: 1393411
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
75 32.6 24.2 36.2





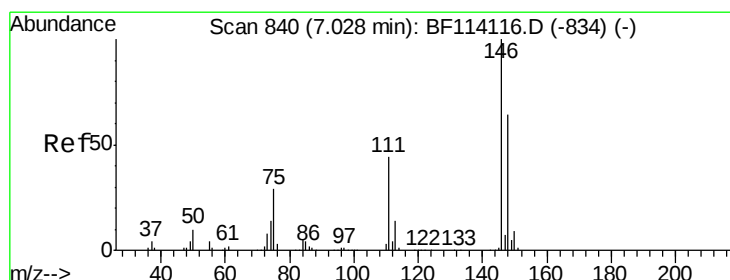
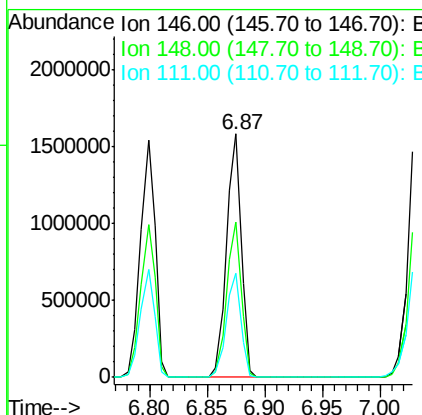
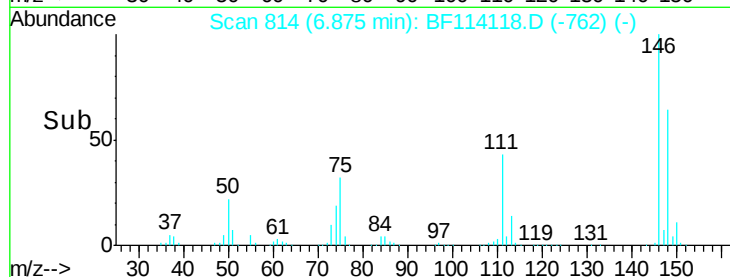
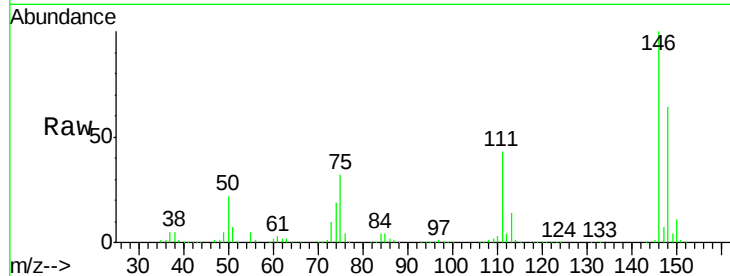
#13
 1,4-Dichlorobenzene
 Concen: 56.851 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:146 Resp: 1399179
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.2
 111 42.7 35.8 53.6

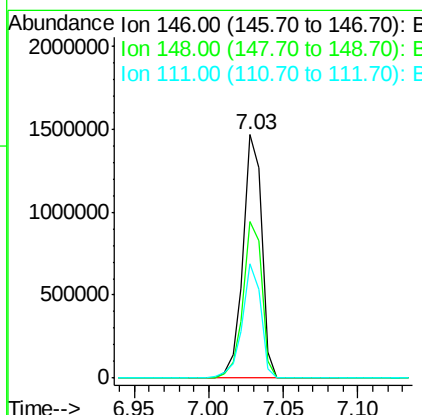
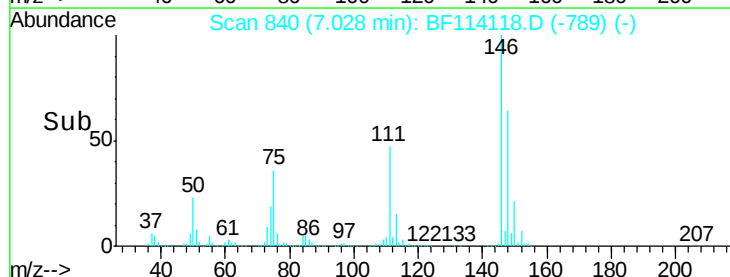
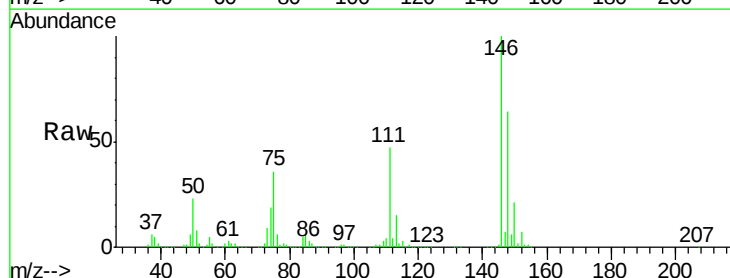
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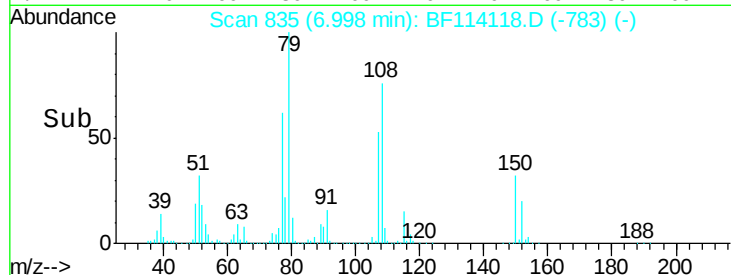
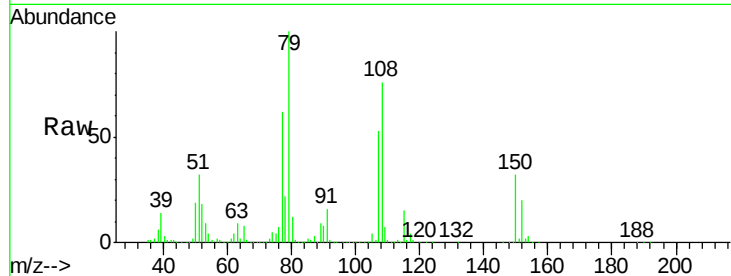
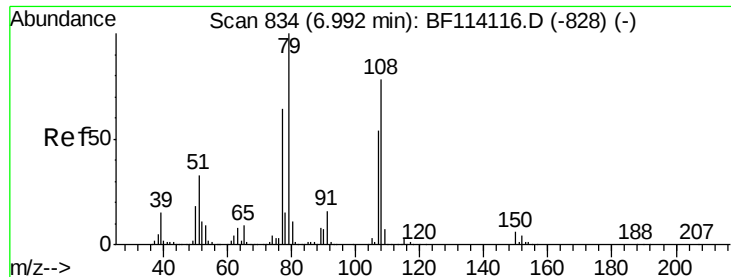
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#14
 1,2-Dichlorobenzene
 Concen: 58.051 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion:146 Resp: 1277829
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 46.9 35.3 52.9





#15

Benzyl Alcohol

Concen: 59.318 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion:	79	Resp:	1090275
Ion	Ratio	Lower	Upper
79	100		
108	76.1	62.1	93.1
77	61.7	51.0	76.6

Instrument :

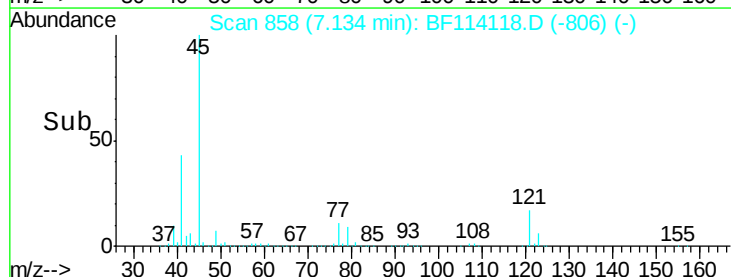
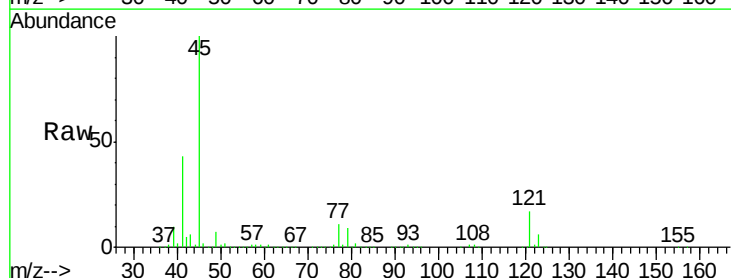
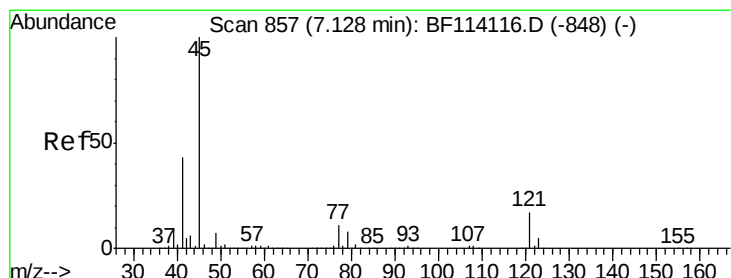
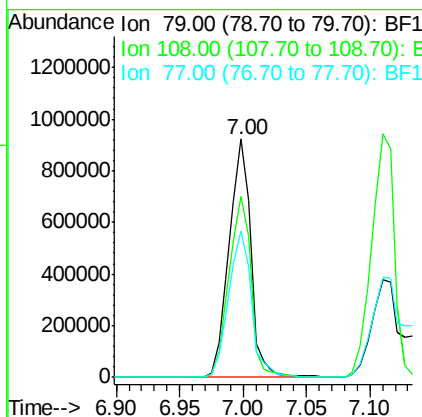
BNA_F

ClientSampleId :

SSTDICC060

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 106.240 ng

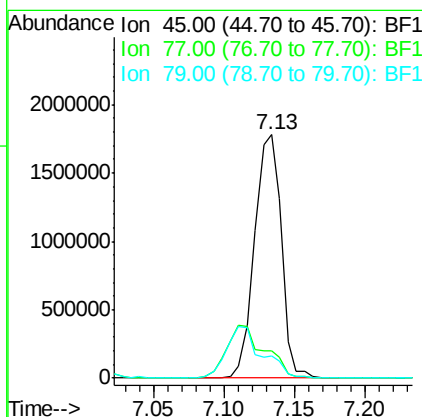
RT: 7.13 min Scan# 858

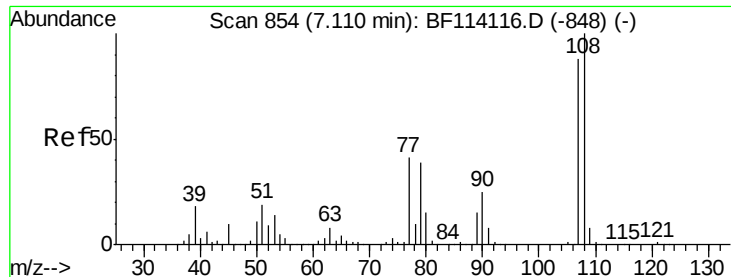
Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion:	45	Resp:	2381297
Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.1
79	8.9	0.0	28.4





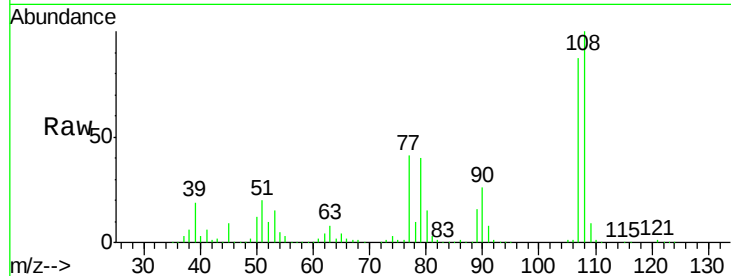
#17
2-Methylphenol
Concen: 61.276 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:	107	Resp:	1026098
Ion	Ratio	Lower	Upper
107	100		
108	115.0	90.5	135.7
77	47.4	37.0	55.4
79	46.3	35.8	53.8

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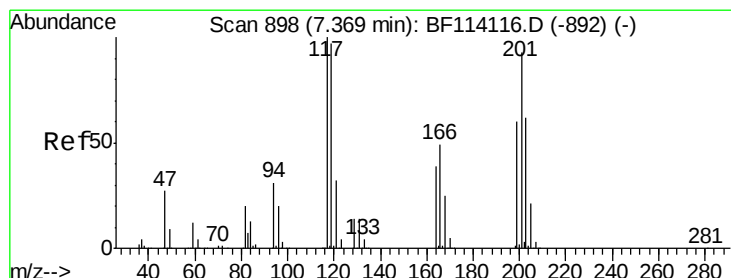
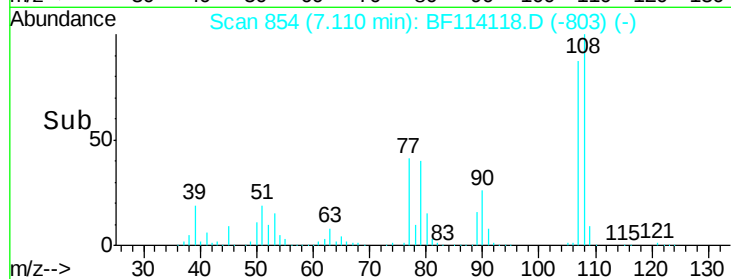
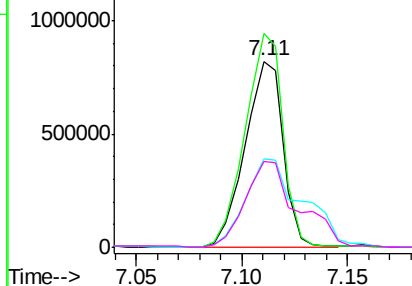
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 62.340 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

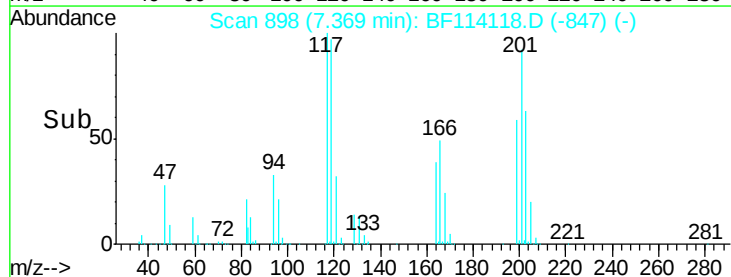
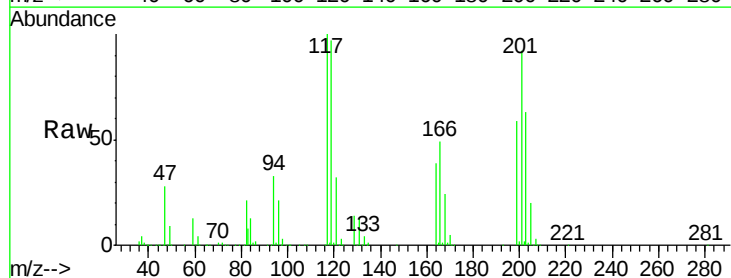
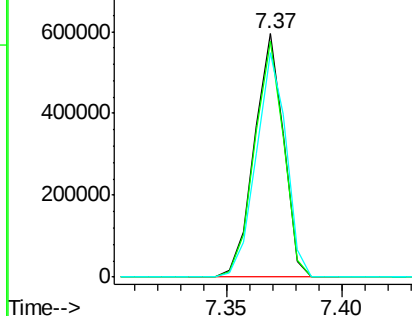
Tgt Ion:	117	Resp:	524132
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.4	116.2
201	92.4	74.5	111.7

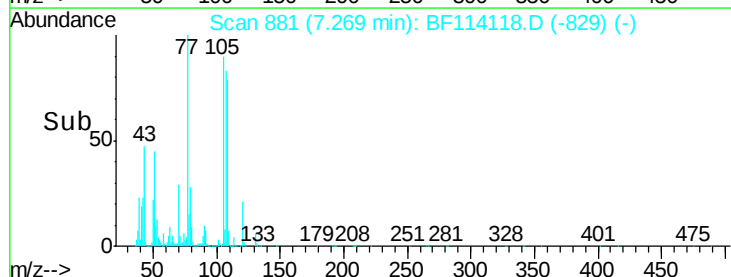
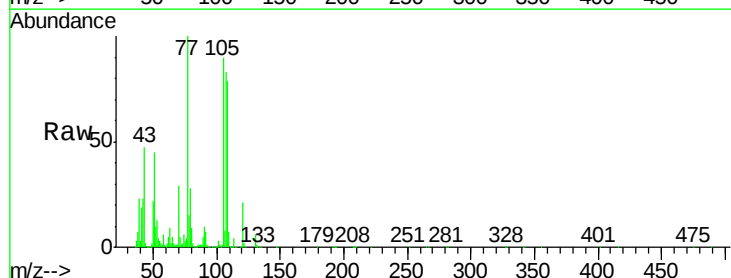
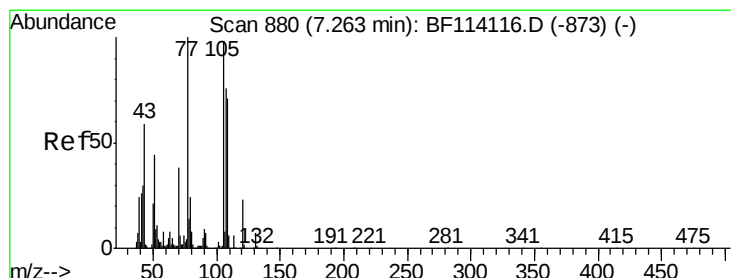
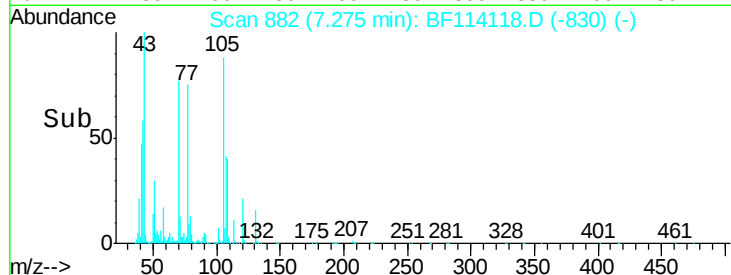
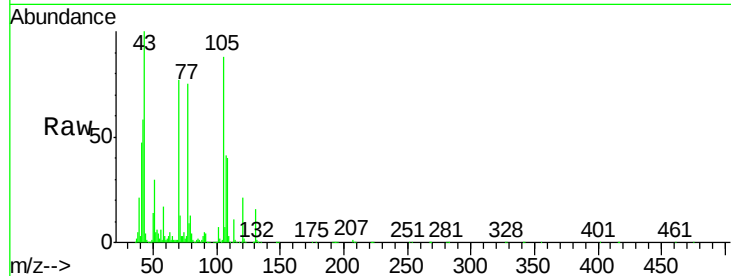
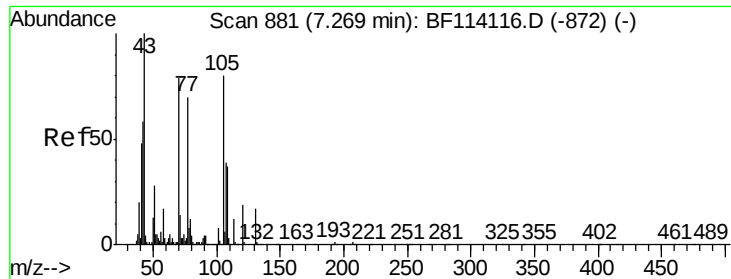
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





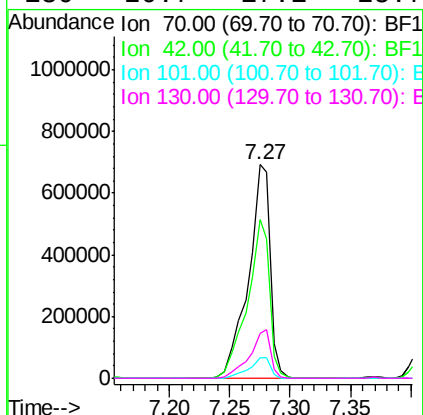
#19
n-Nitroso-di-n-propylamine
Concen: 58.732 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.5	58.6	87.8
101	9.5	7.8	11.8
130	20.7	17.1	25.7

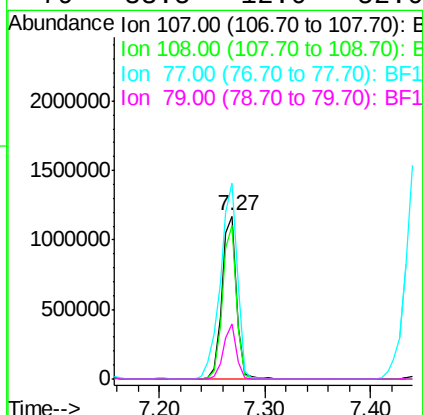
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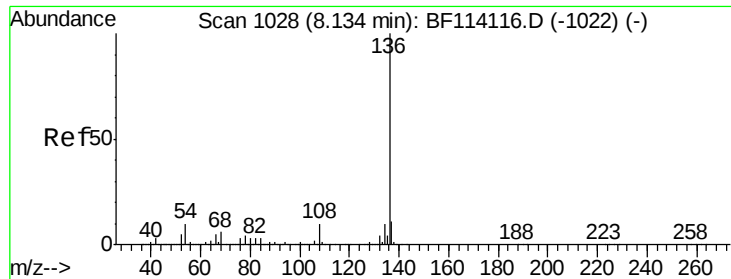
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#20
3+4-Methylphenols
Concen: 55.044 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.6	73.8	113.8
77	120.4	111.5	151.5
79	33.5	12.0	52.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

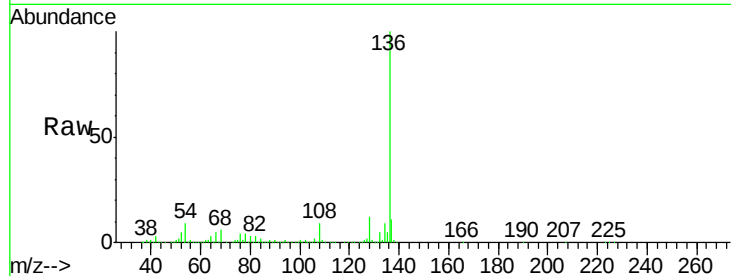
ClientSampleId :

SSTDIC060

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	1243967		
137	10.8		8.8	13.2
54	9.0		7.8	11.8
68	6.1		5.1	7.7

Manual Integrations
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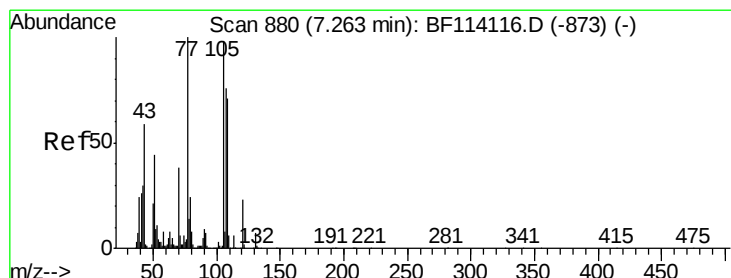
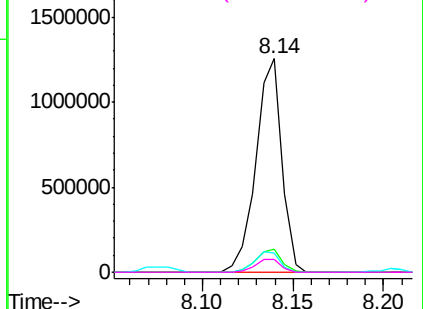
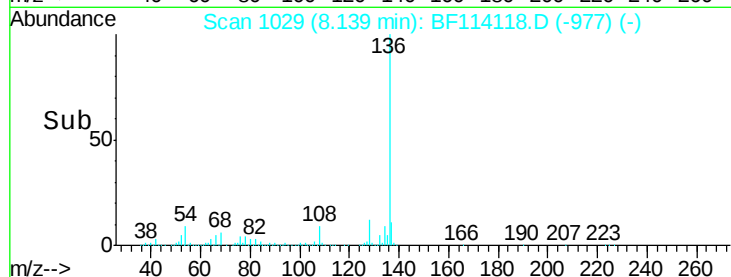
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 53.829 ng

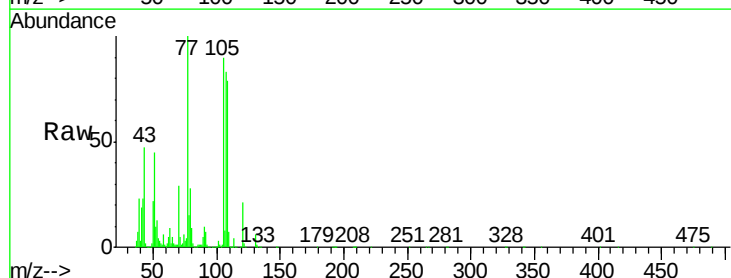
RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1573141		
71	5.6		5.3	7.9
51	49.6		36.2	54.4
120	23.6		18.6	28.0



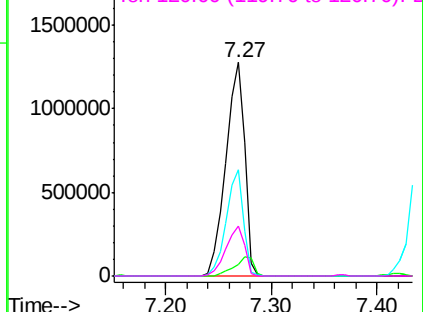
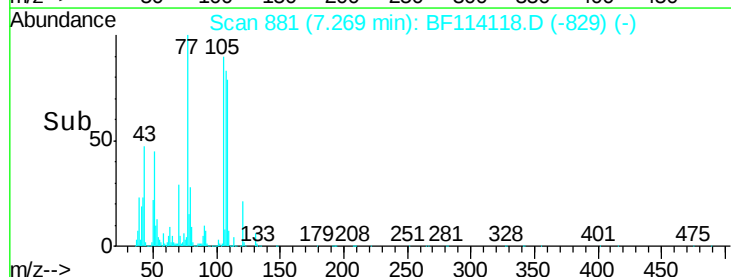
Abundance

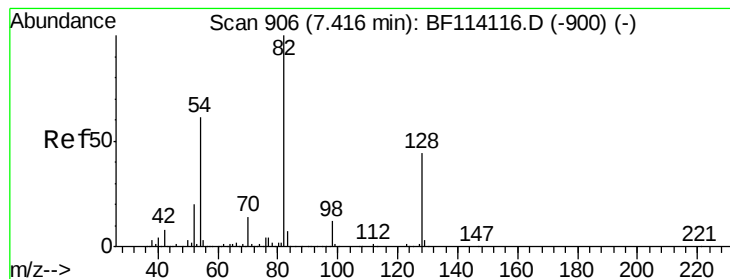
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 115.611 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion: 82 Resp: 2615970

Ion Ratio Lower Upper

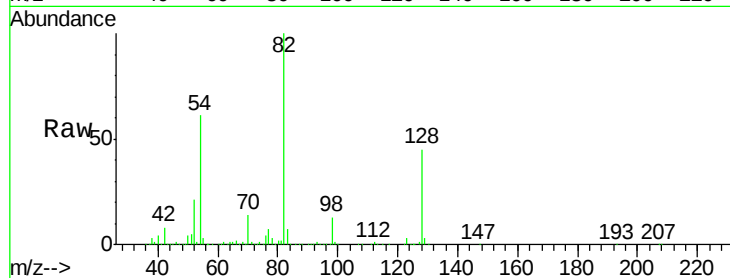
82 100

128 45.3 35.5 53.3

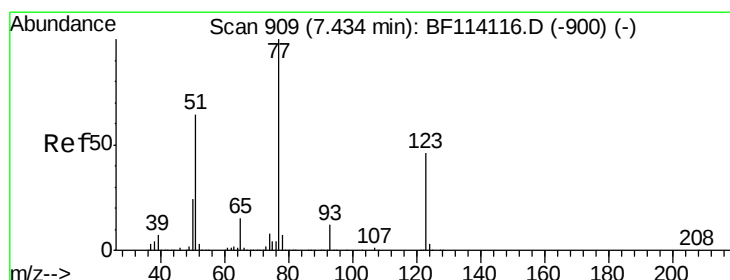
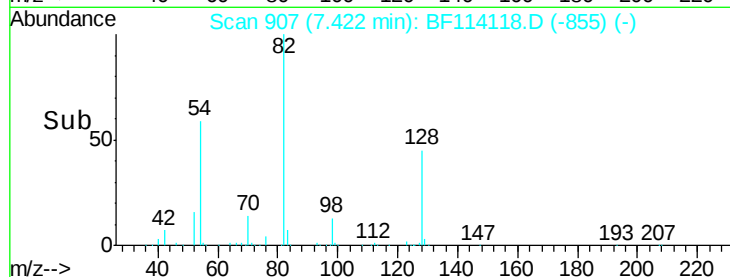
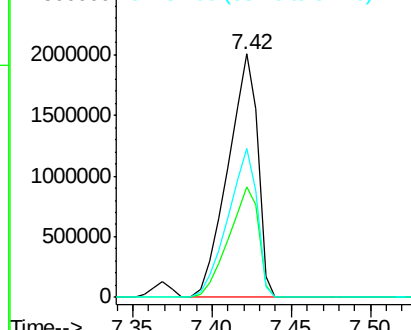
54 61.0 48.5 72.7

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 55.948 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

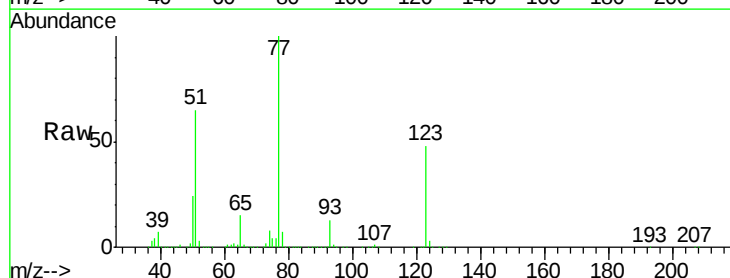
Tgt Ion: 77 Resp: 1341316

Ion Ratio Lower Upper

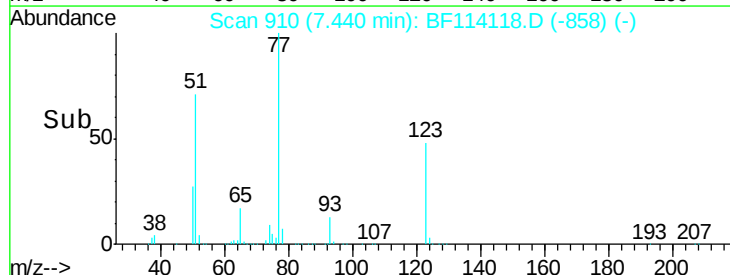
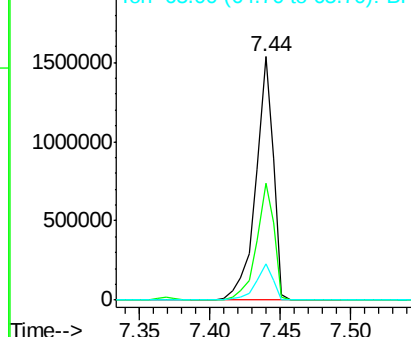
77 100

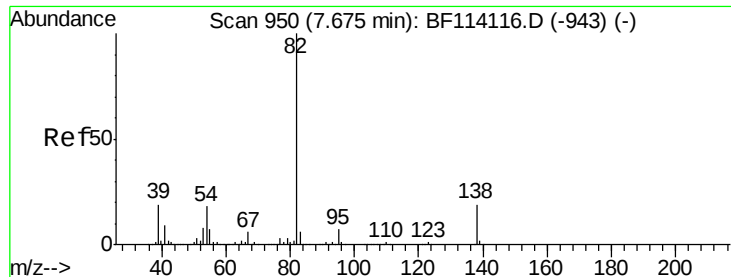
123 47.8 36.9 55.3

65 15.0 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 54.426 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 82 Resp: 2398055

Ion Ratio Lower Upper

82 100

95 7.0 5.6 8.4

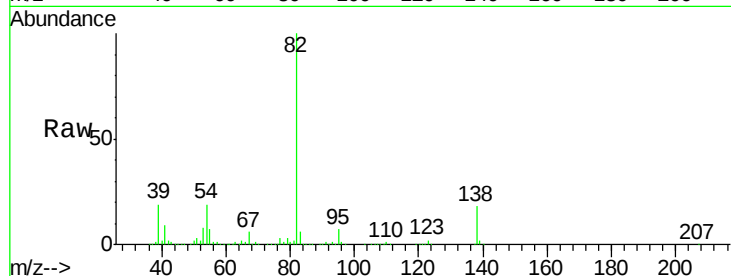
138 18.4 14.8 22.2

Manual Integrations

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Sohil

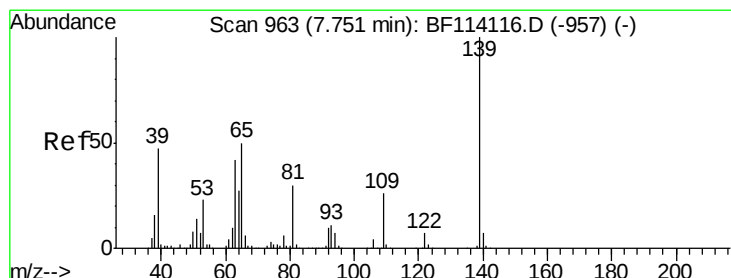
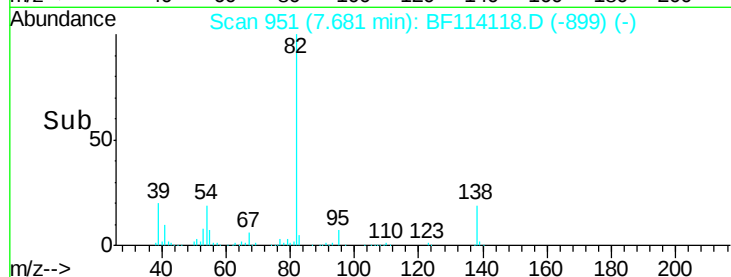
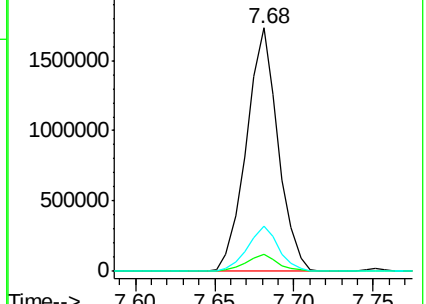
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 54.553 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

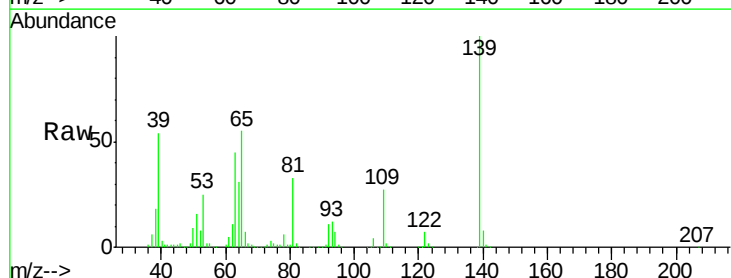
Tgt Ion: 139 Resp: 670256

Ion Ratio Lower Upper

139 100

109 27.5 20.7 31.1

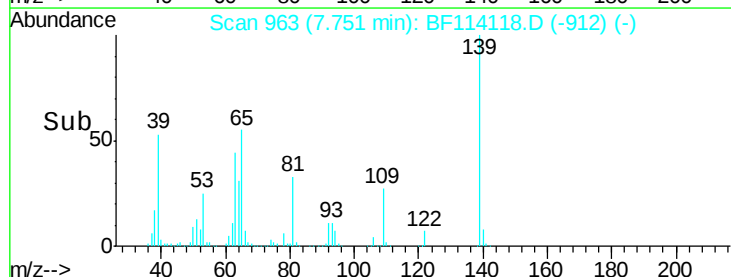
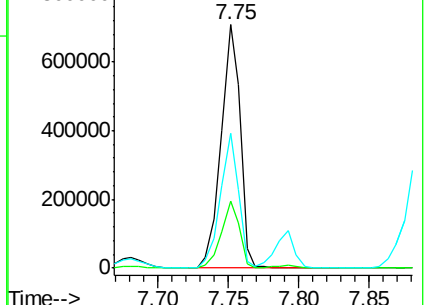
65 55.5 40.2 60.2

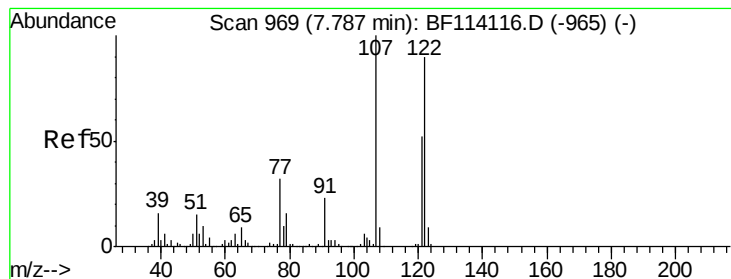


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 60.840 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114118.D

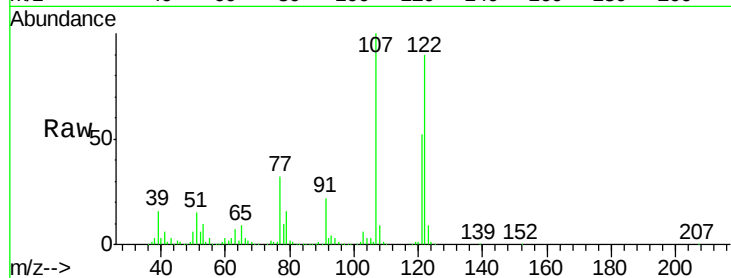
Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



Tgt Ion:122 Resp: 1012545

Ion Ratio Lower Upper

122 100

107 110.8 88.4 132.6

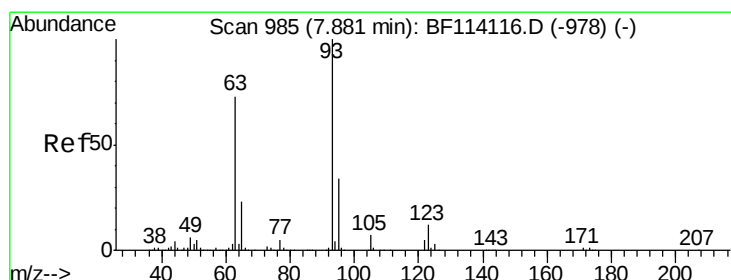
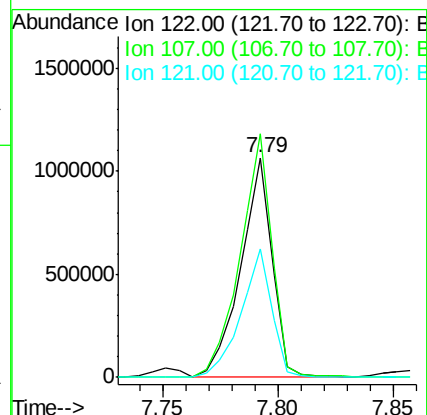
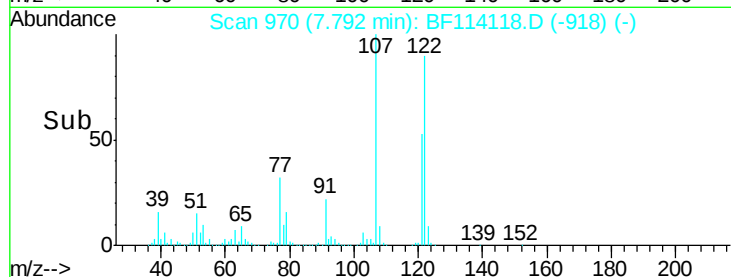
121 58.2 45.9 68.9

Manual Integrations

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#28

bis(2-Chloroethoxy)methane

Concen: 57.452 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

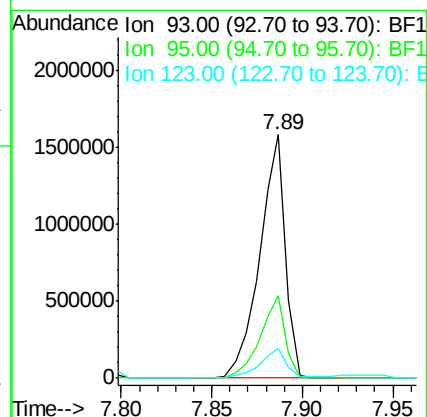
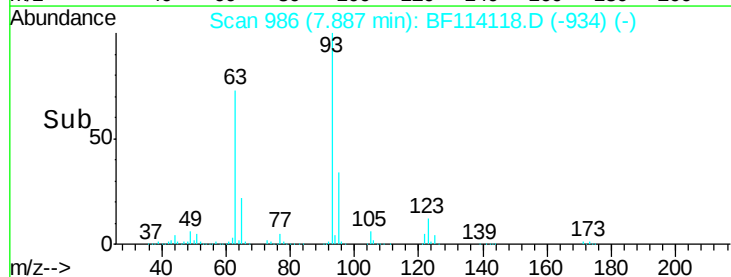
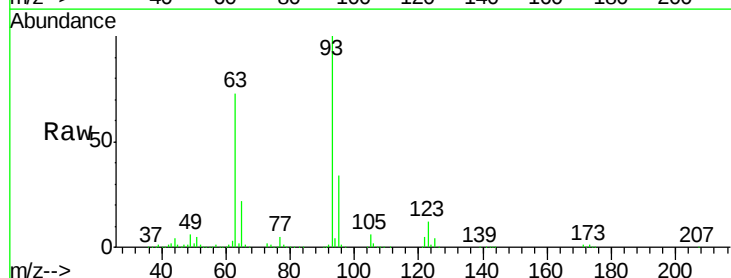
Tgt Ion: 93 Resp: 1547454

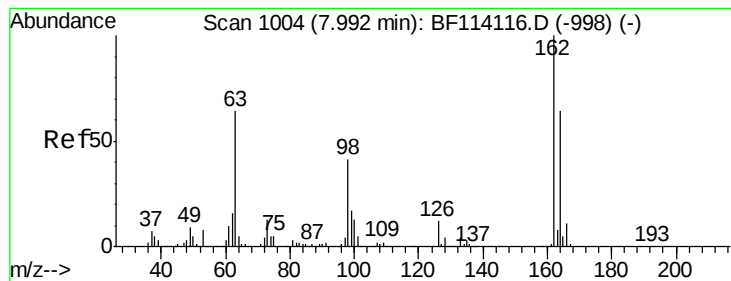
Ion Ratio Lower Upper

93 100

95 33.7 26.8 40.2

123 12.2 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 52.228 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:162 Resp: 1002809

Ion Ratio Lower Upper

162 100

164 64.1 43.6 83.6

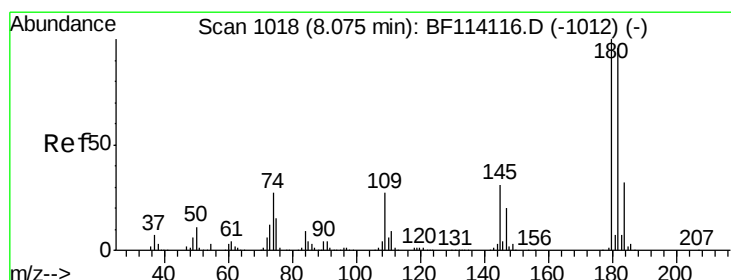
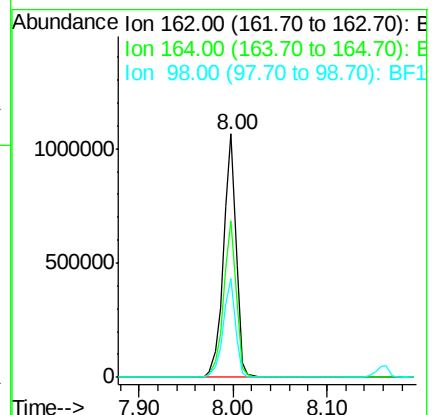
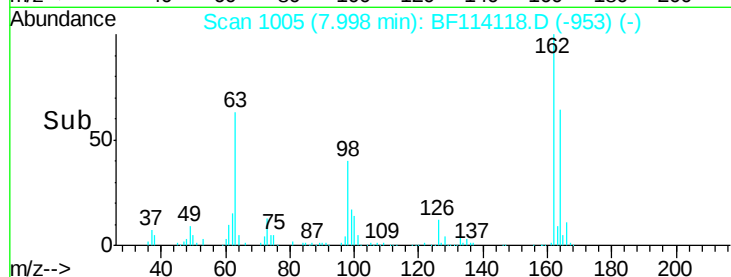
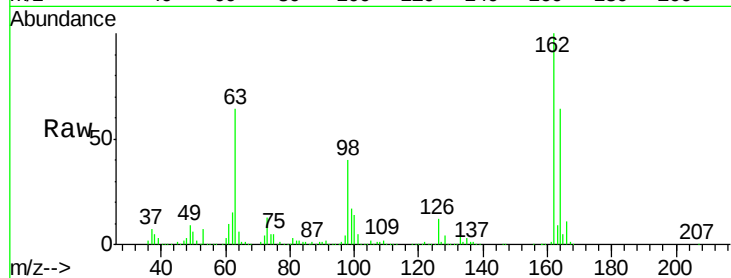
98 40.5 20.6 60.6

Manual Integrations

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#30

1,2,4-Trichlorobenzene

Concen: 53.067 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

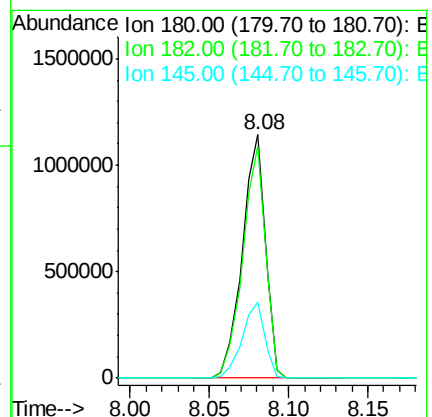
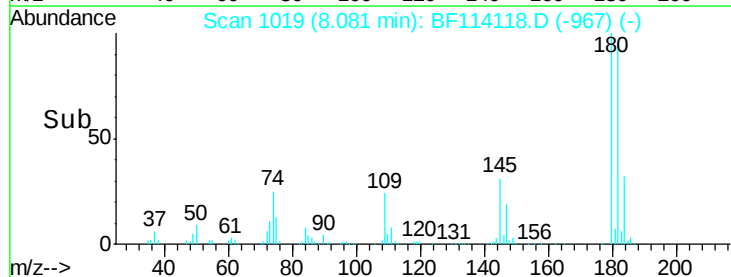
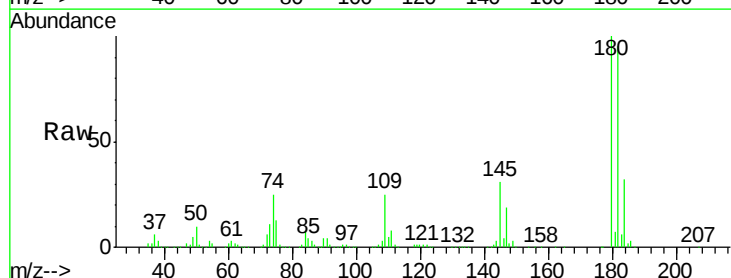
Tgt Ion:180 Resp: 1146882

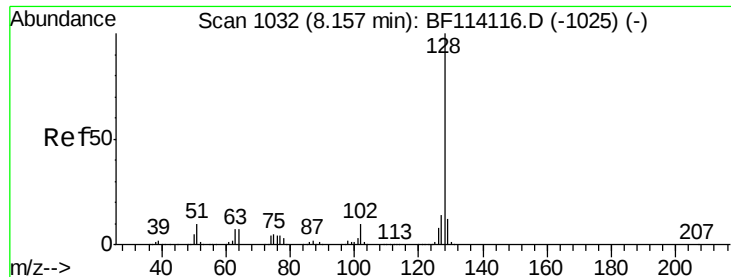
Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 31.0 25.1 37.7





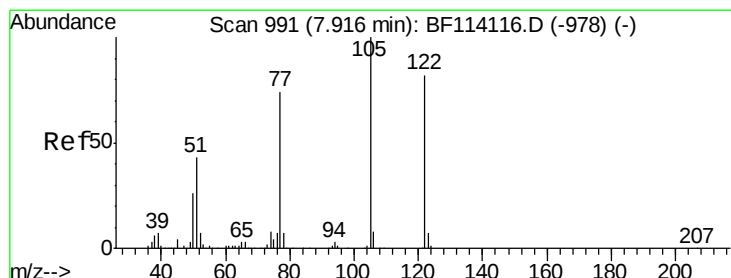
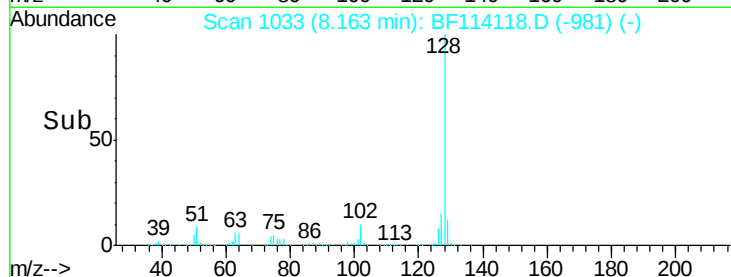
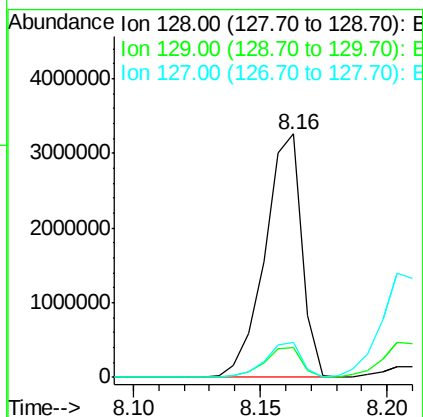
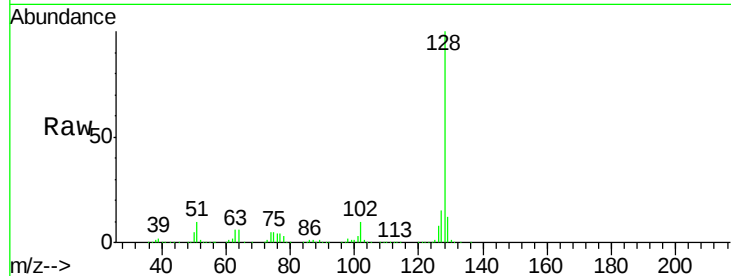
#31
Naphthalene
Concen: 55.329 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:128 Resp: 3332327
Ion Ratio Lower Upper
128 100
129 12.3 9.6 14.4
127 14.6 11.3 16.9

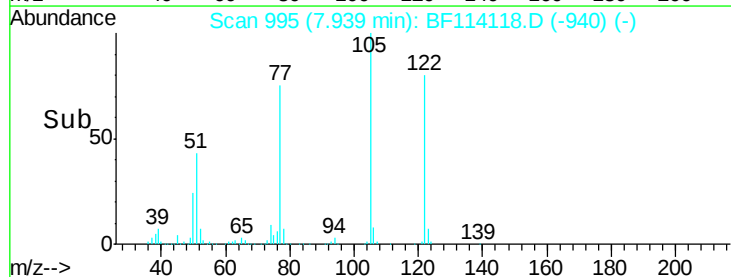
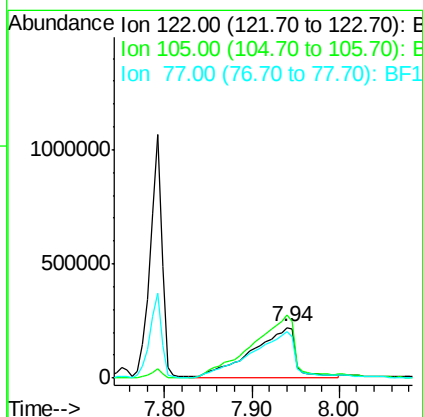
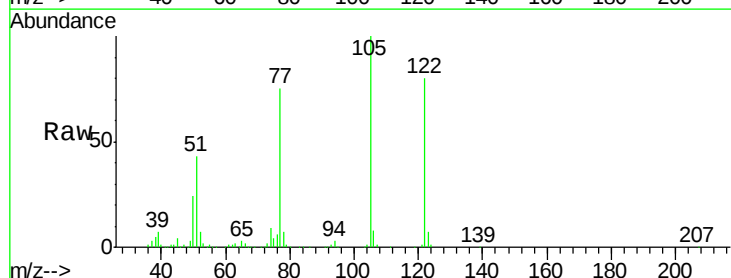
Manual Integrations
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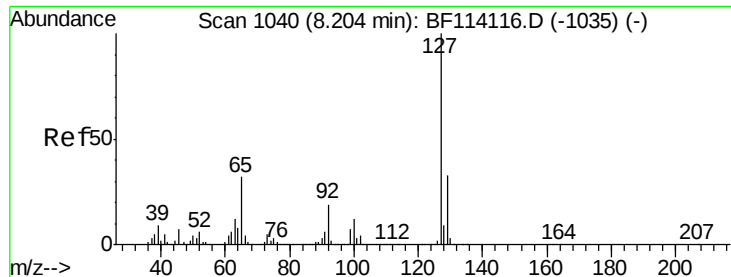
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#32
Benzoic acid
Concen: 64.303 ng m
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:122 Resp: 738170
Ion Ratio Lower Upper
122 100
105 124.7 99.9 139.9
77 93.3 69.4 109.4





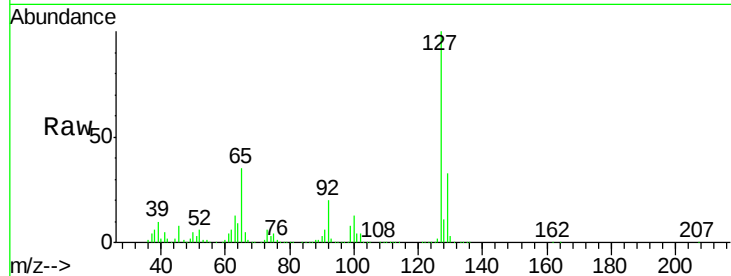
#33
4-Chloroaniline
Concen: 62.529 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.7	40.1
65	35.0	25.4	38.0
92	20.0	15.4	23.2

Manual Integrations
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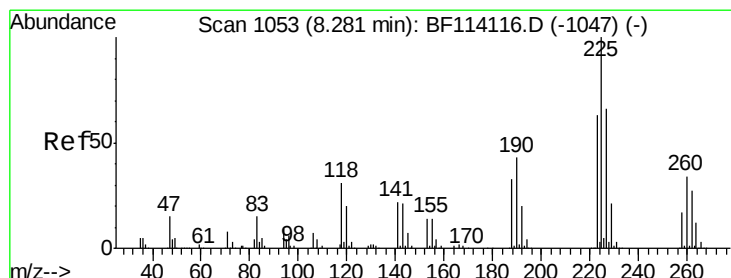
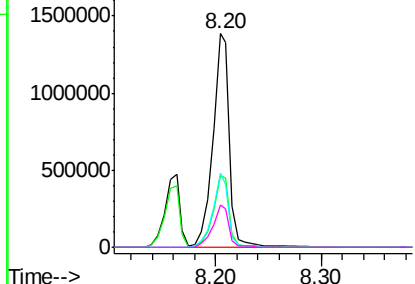
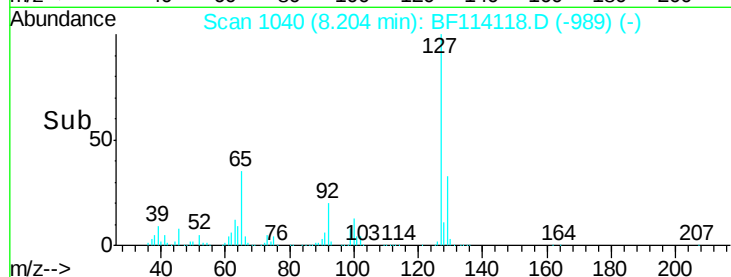
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

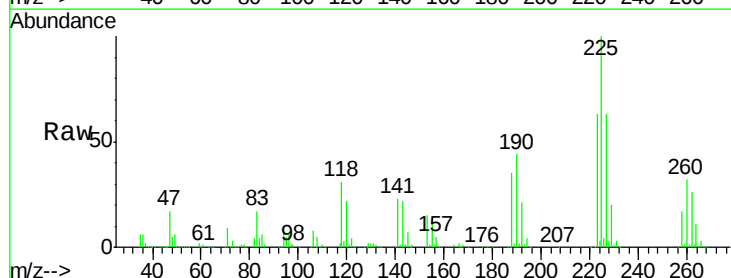
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 49.468 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.2	75.2
227	63.3	52.6	79.0

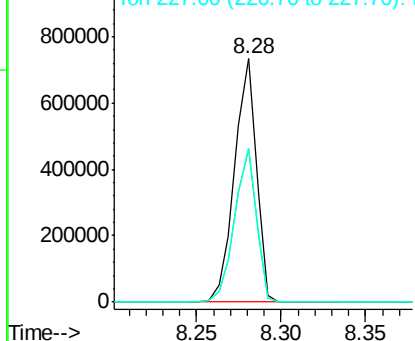
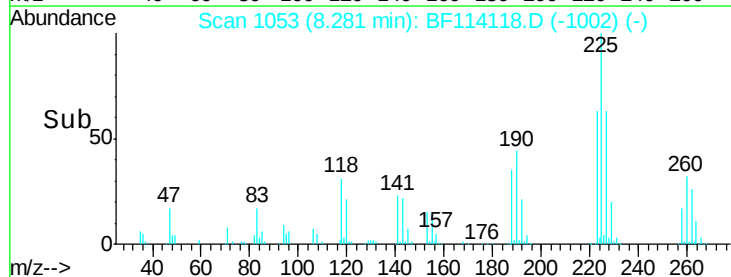


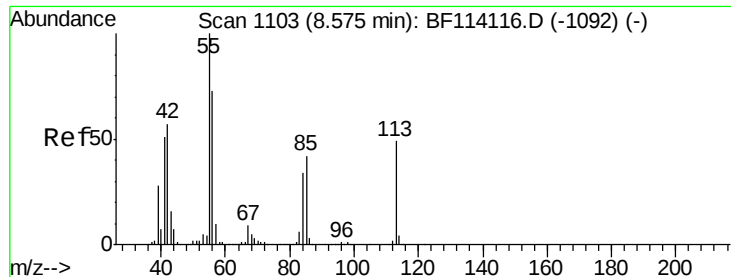
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





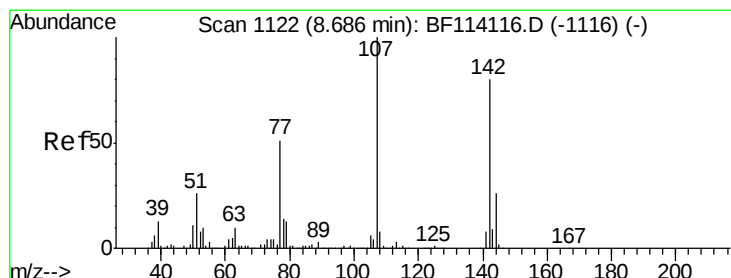
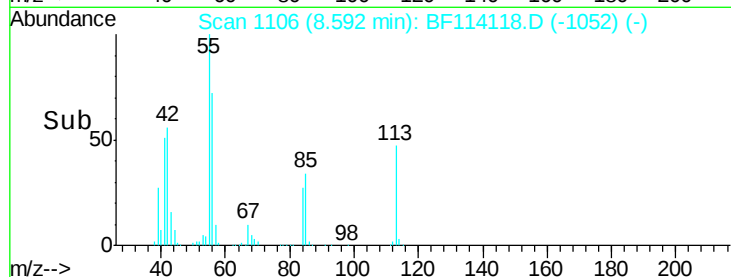
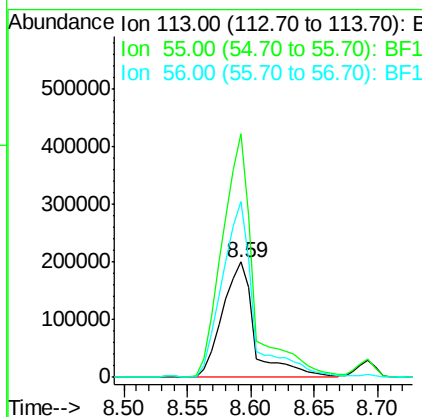
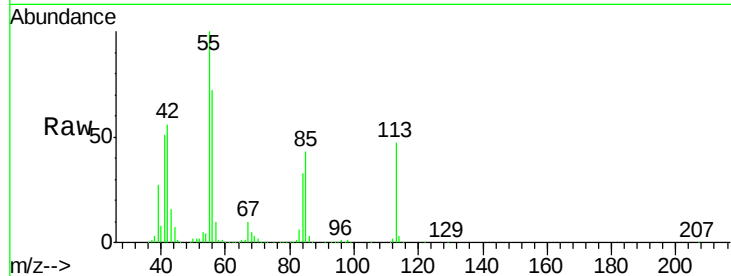
#35
 Caprolactam
 Concen: 62.429 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.02 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
113	100		
55	211.2	183.5	223.5
56	152.6	128.8	168.8

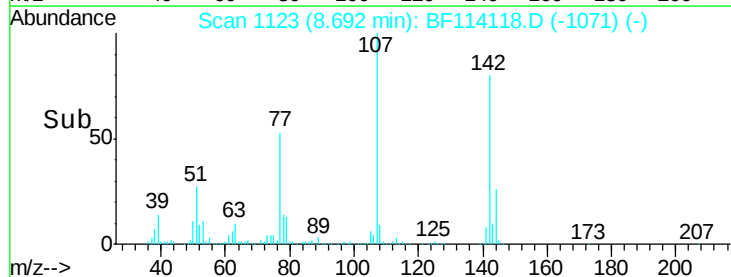
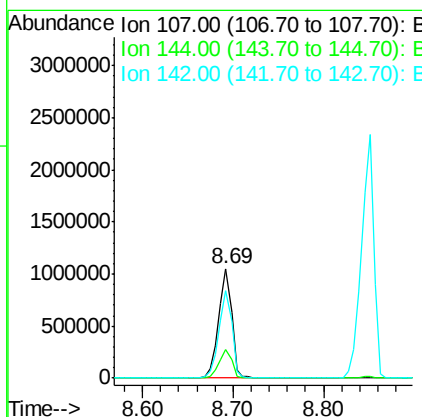
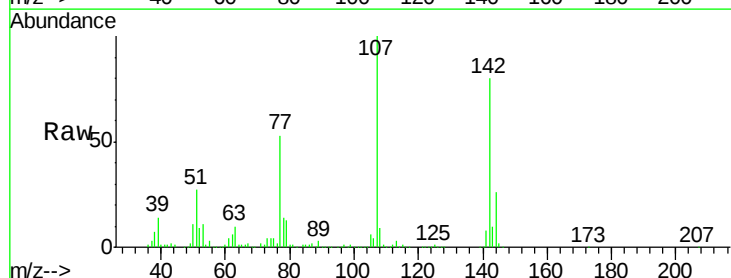
Manual Integrations
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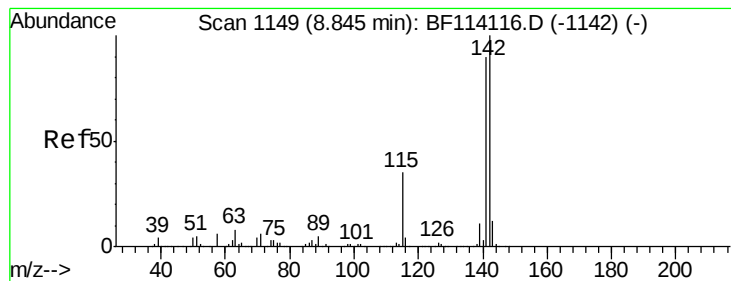
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#36
 4-Chloro-3-methylphenol
 Concen: 55.385 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.4	30.6
142	80.0	64.2	96.4





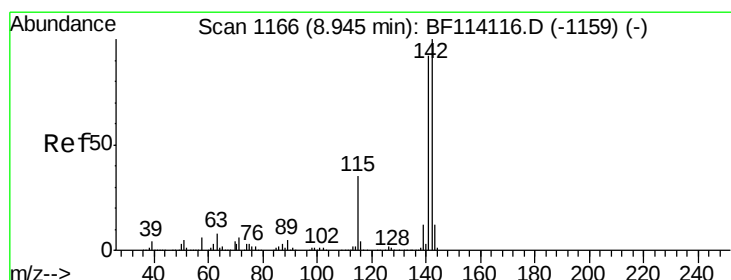
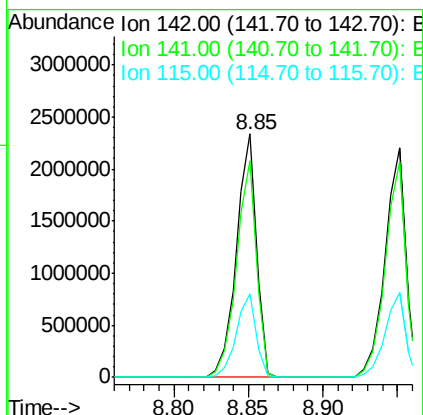
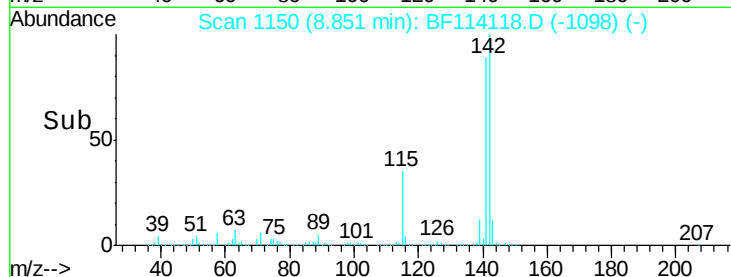
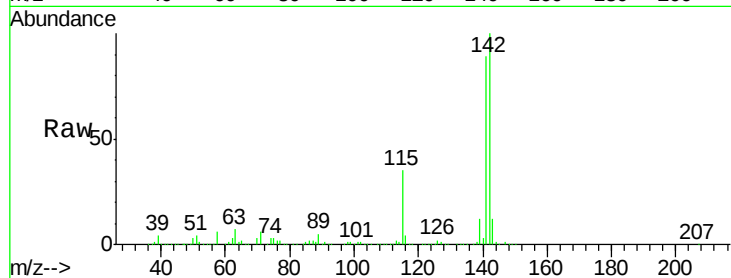
#37
2-Methylnaphthalene
Concen: 54.908 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:142 Resp: 2208118
Ion Ratio Lower Upper
142 100
141 88.8 72.1 108.1
115 34.6 28.0 42.0

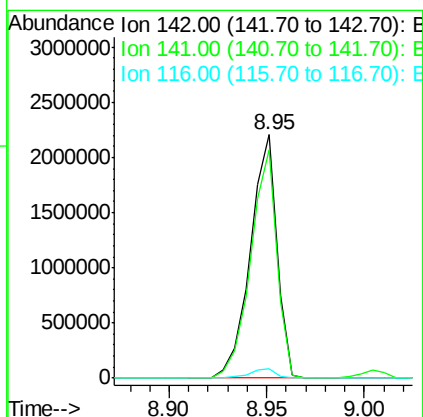
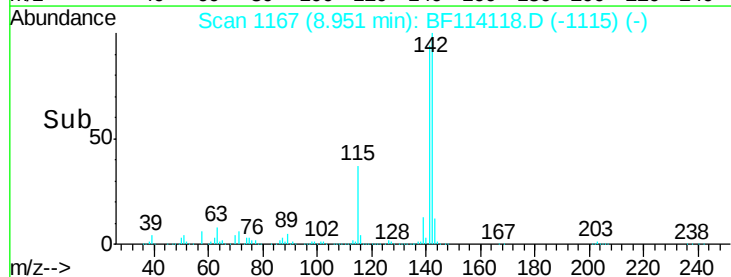
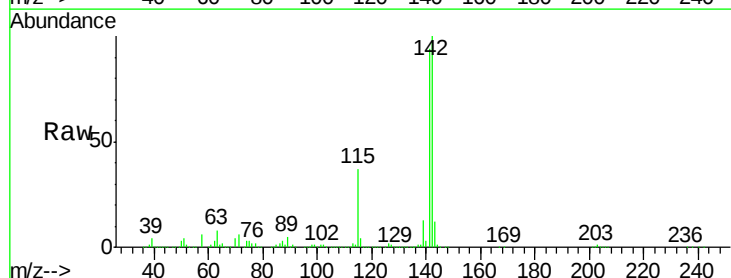
Manual Integrations
APPROVED

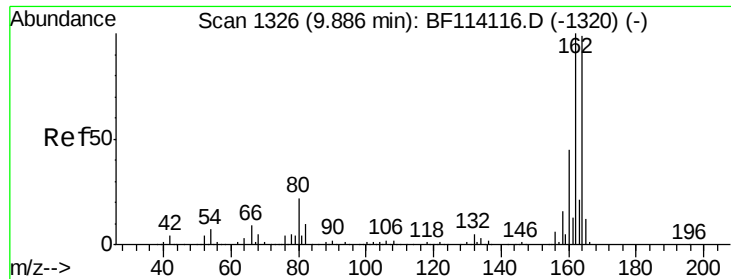
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#38
1-Methylnaphthalene
Concen: 53.432 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:142 Resp: 2078690
Ion Ratio Lower Upper
142 100
141 93.6 73.4 110.0
116 3.9 3.1 4.7





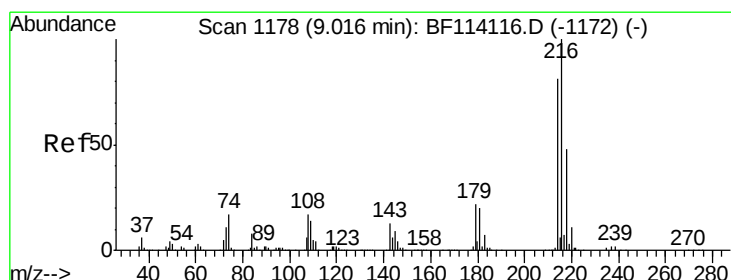
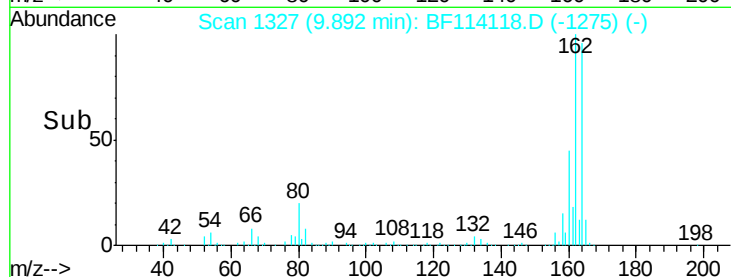
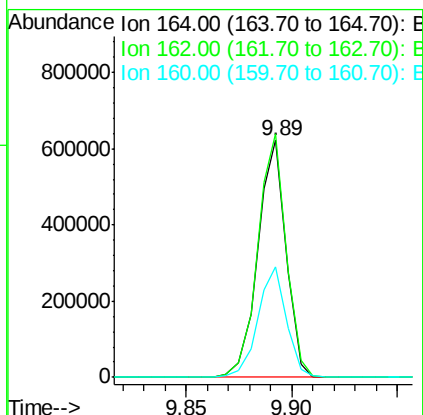
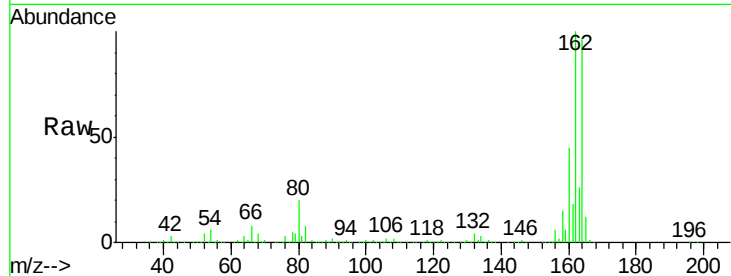
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.7	578040	80.6	120.8
160	46.4		36.5	54.7

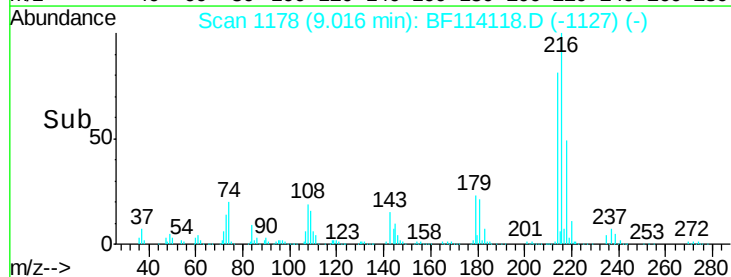
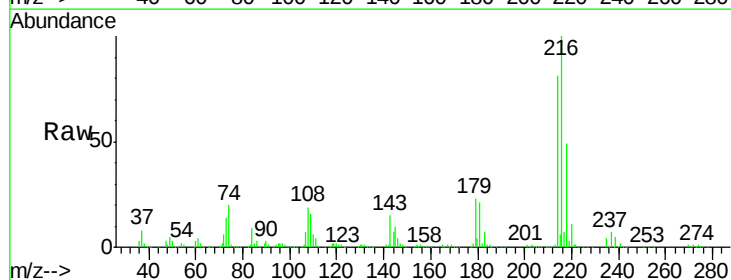
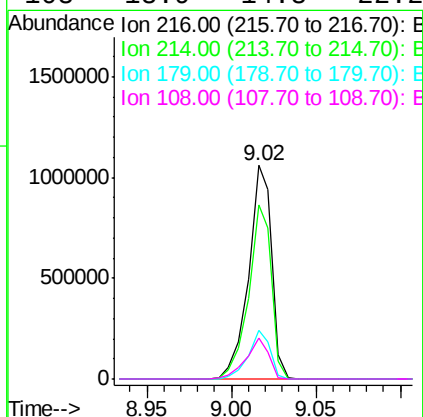
Manual Integrations
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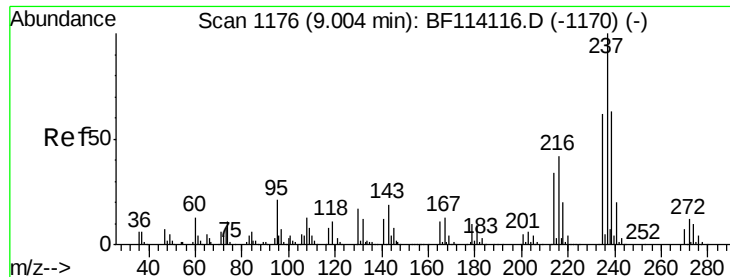
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.238 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	1015223		
214	80.6		63.9	95.9
179	21.4		17.0	25.6
108	18.9		14.8	22.2





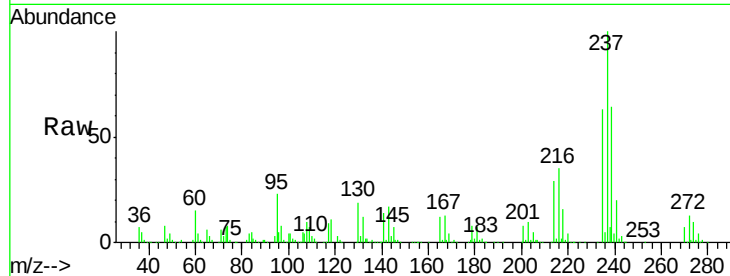
#41
Hexachlorocyclopentadiene
Concen: 65.870 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

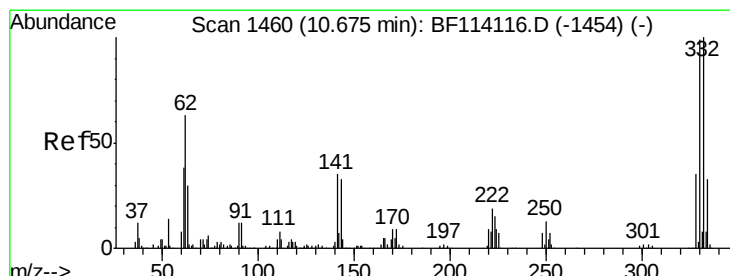
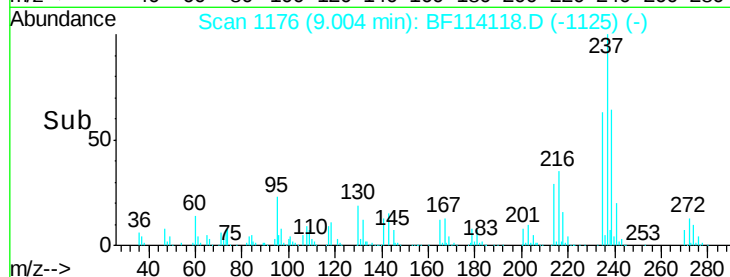
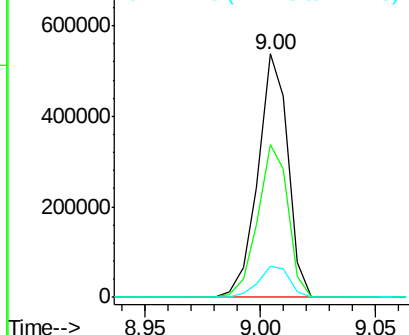
Tgt Ion:	237	Resp:	488245
Ion Ratio	Lower	Upper	
237	100		
235	62.9	42.0	82.0
272	13.0	0.0	32.4

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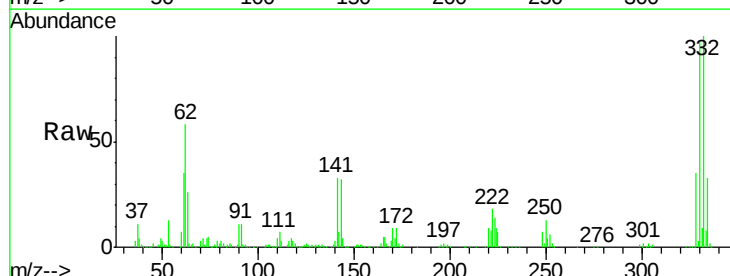


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

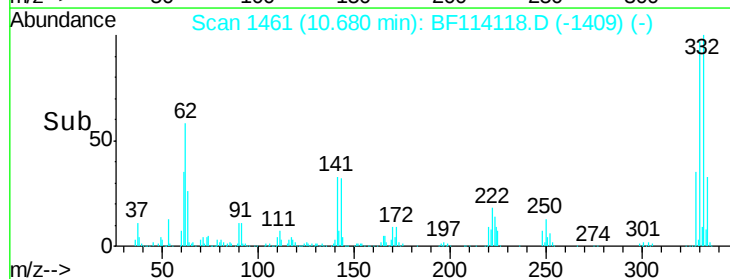
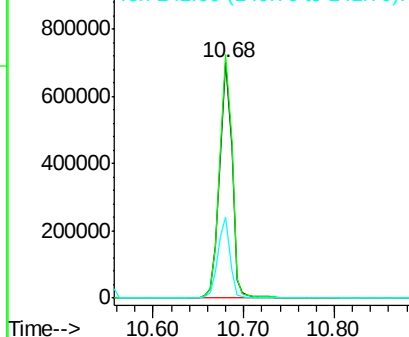


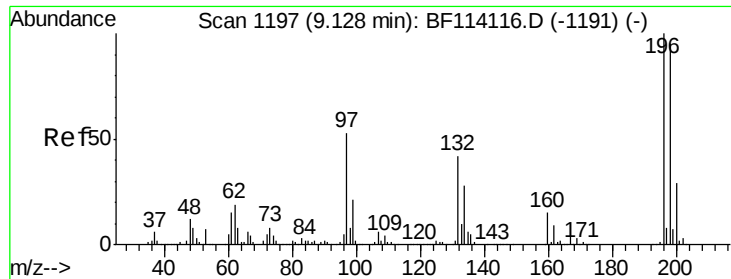
#42
2,4,6-Tribromophenol
Concen: 91.700 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:	330	Resp:	667139
Ion Ratio	Lower	Upper	
330	100		
332	103.3	81.4	122.2
141	33.4	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





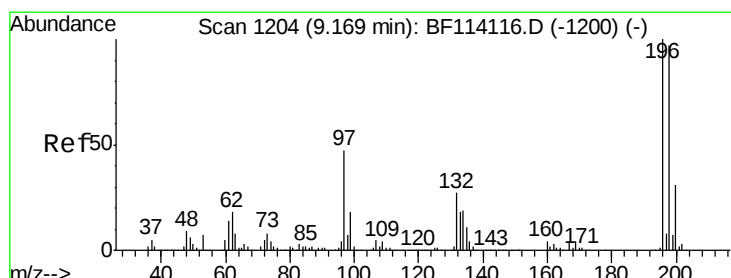
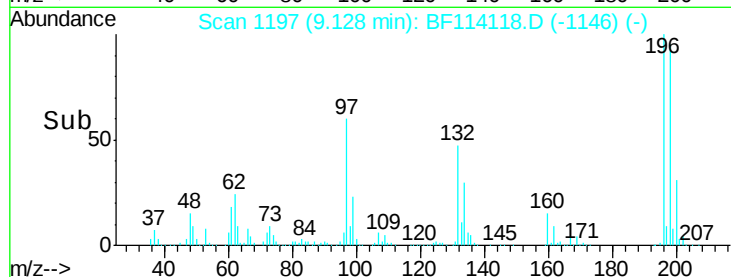
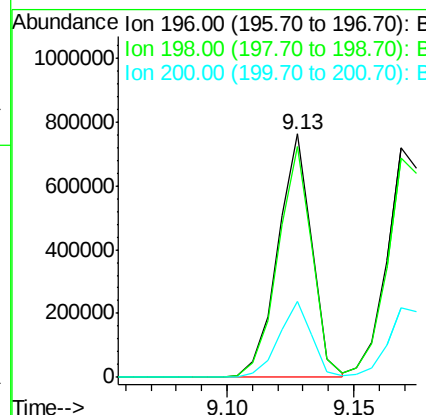
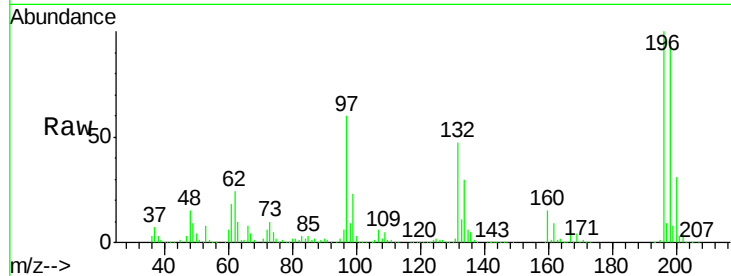
#43
 2,4,6-Trichlorophenol
 Concen: 61.367 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	711714		
198	94.8	75.9	113.9	
200	31.4	23.5	35.3	

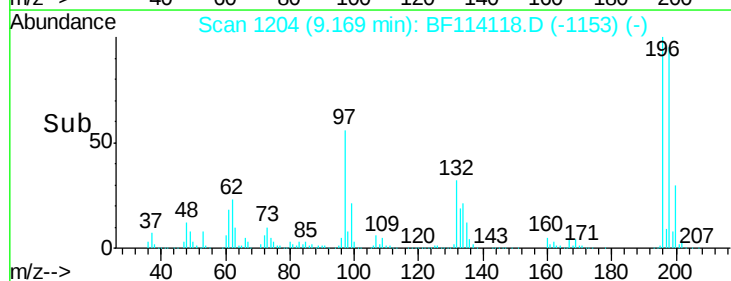
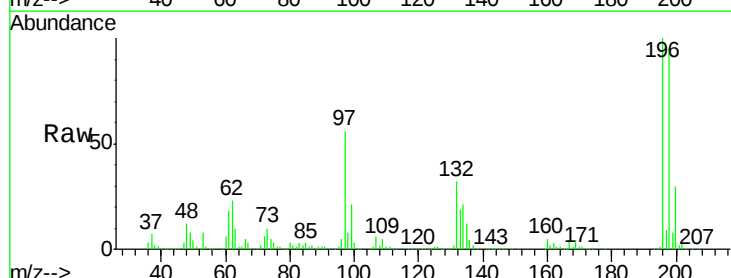
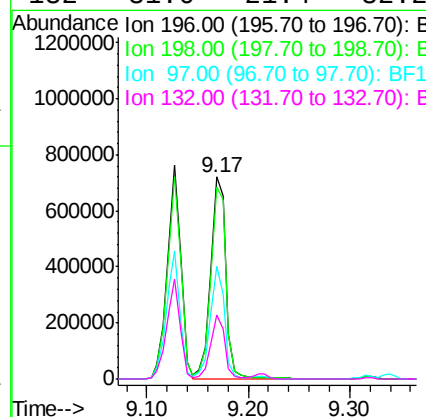
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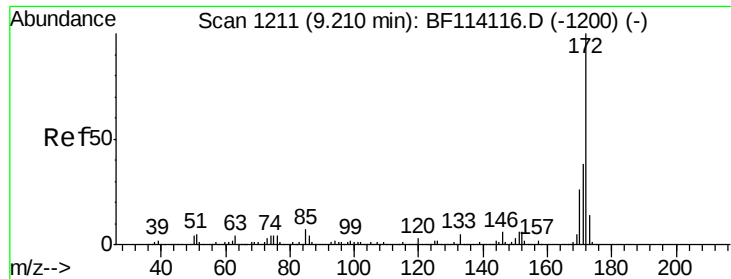
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 58.442 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	745627		
198	95.3	77.7	116.5	
97	55.7	38.2	57.2	
132	31.6	21.4	32.2	





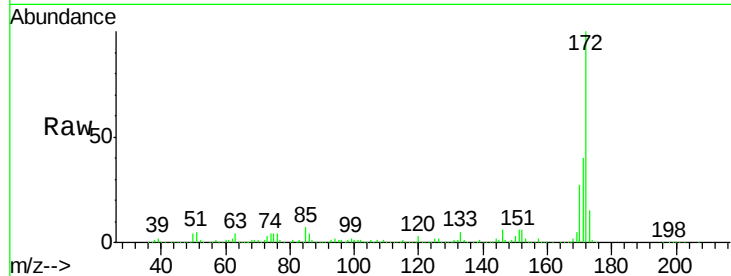
#45
 2-Fluorobiphenyl
 Concen: 110.418 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.6	30.7	46.1
170	26.8	20.5	30.7

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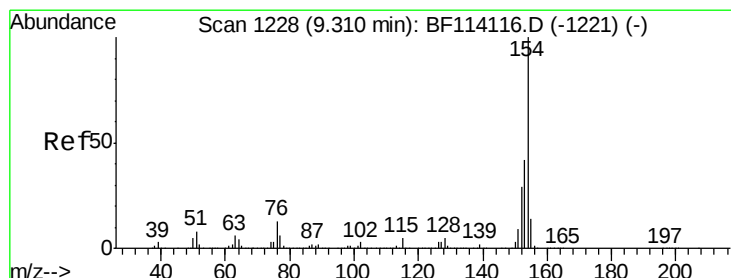
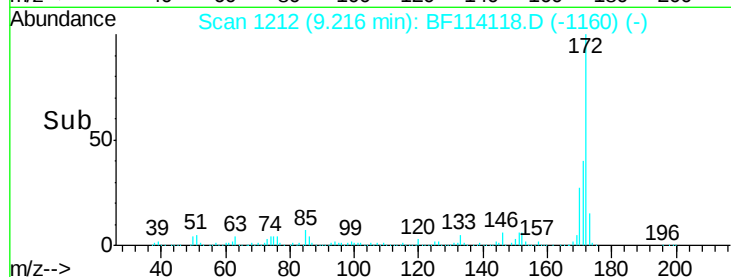
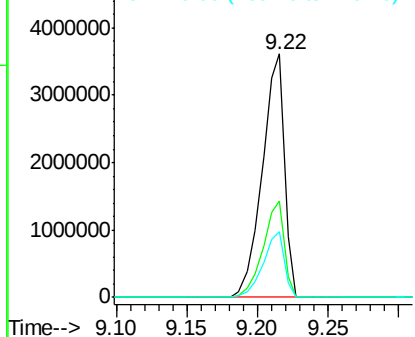


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 60.698 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

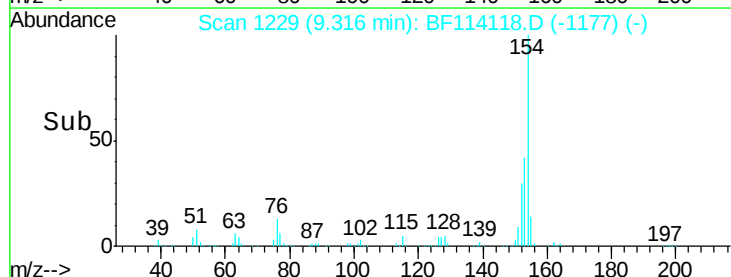
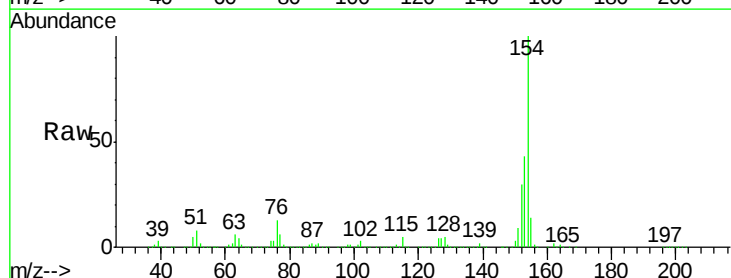
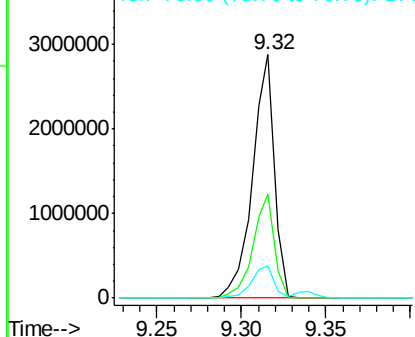
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.9	61.9
76	13.1	0.0	32.8

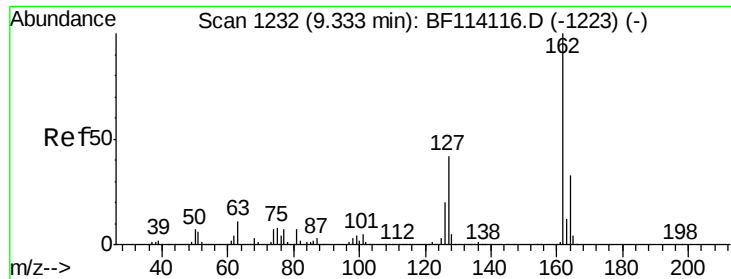
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





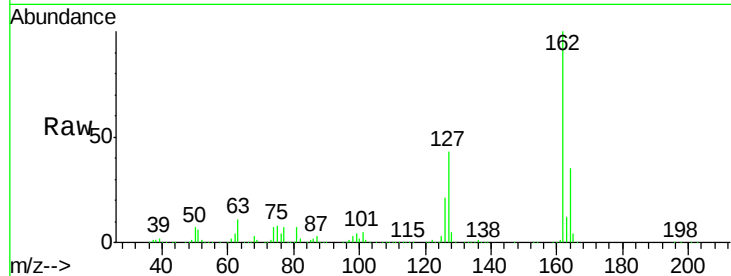
#47
 2-Chloronaphthalene
 Concen: 61.197 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

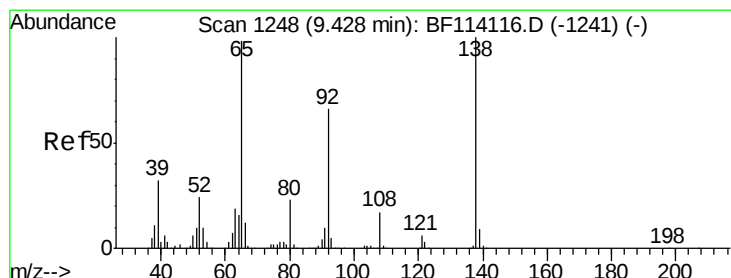
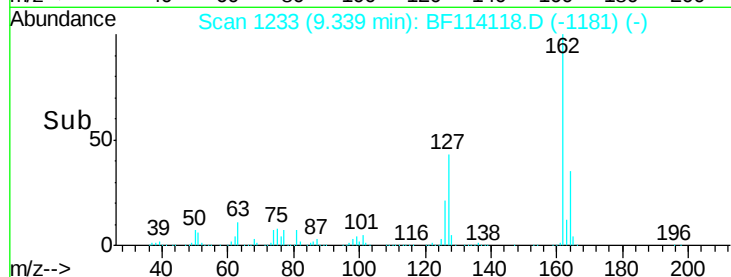
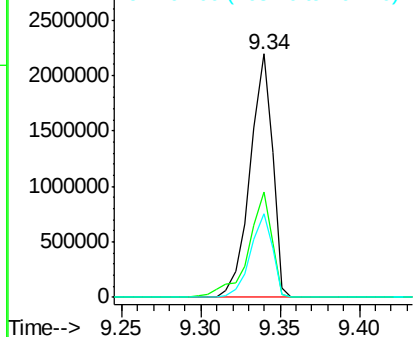
Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.4	34.0	51.0
164	34.5	26.7	40.1

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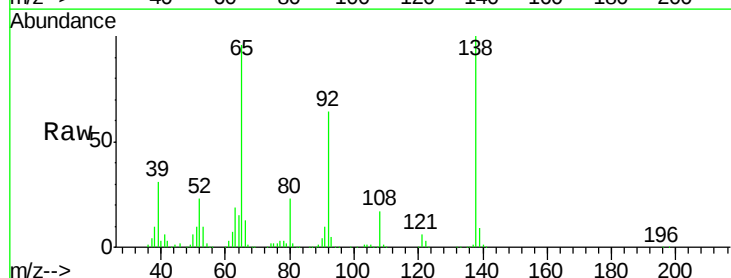


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

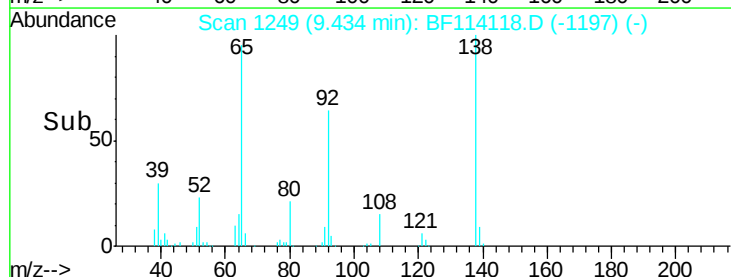
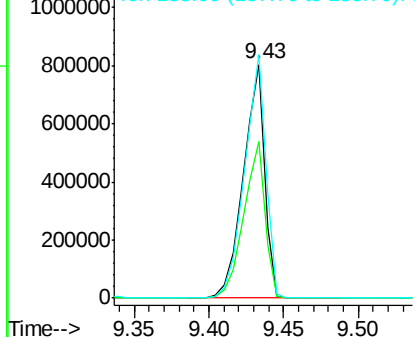


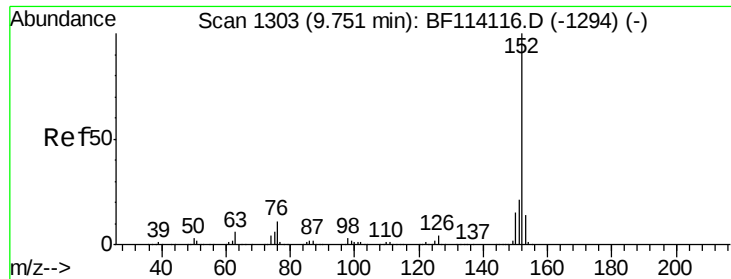
#48
 2-Nitroaniline
 Concen: 81.220 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.9	80.9
138	104.1	81.4	122.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 58.568 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 3240134

Ion Ratio Lower Upper

152 100

151 22.0 16.8 25.2

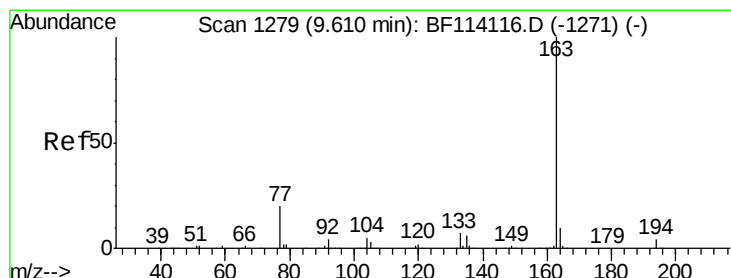
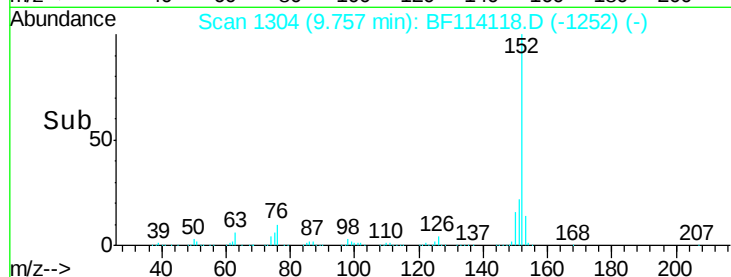
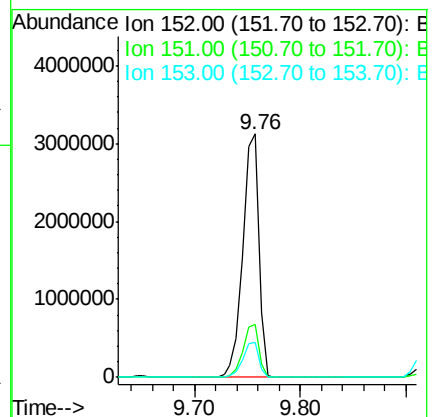
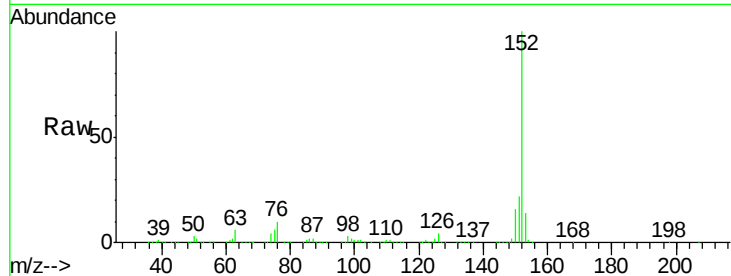
153 14.3 11.4 17.2

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#50

Dimethylphthalate

Concen: 58.654 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

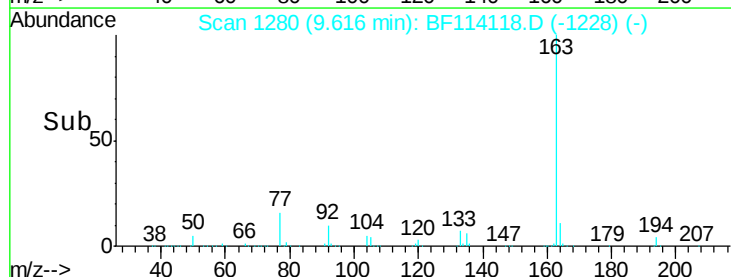
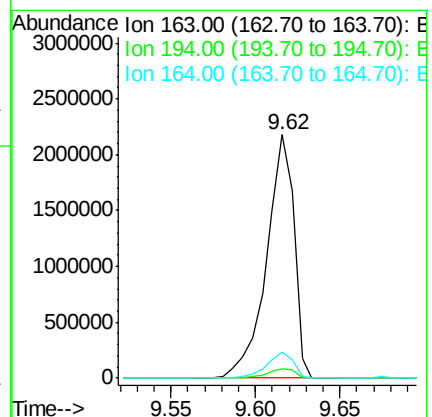
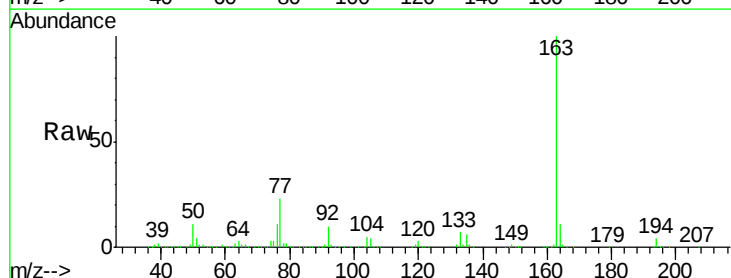
Tgt Ion:163 Resp: 2448972

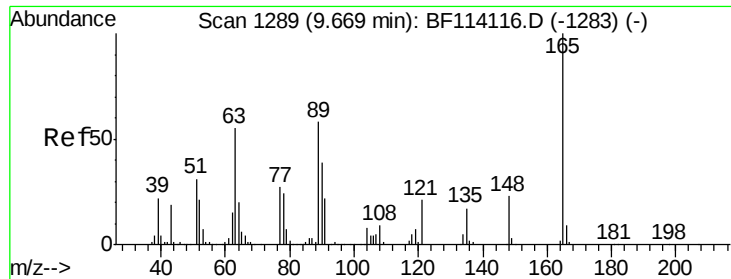
Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

164 10.9 8.2 12.2





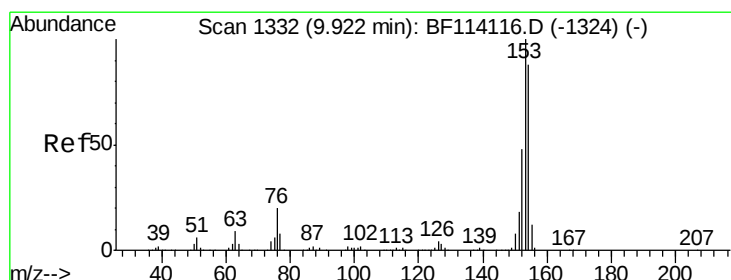
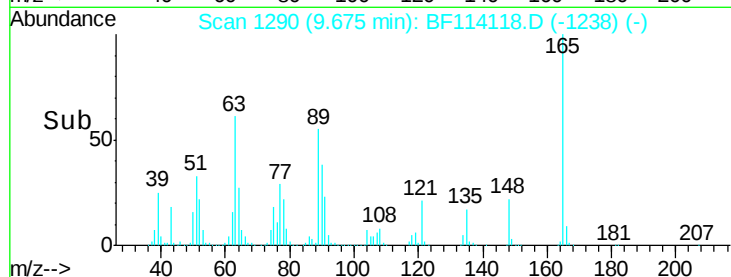
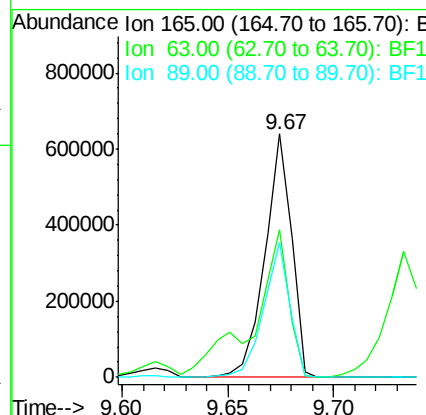
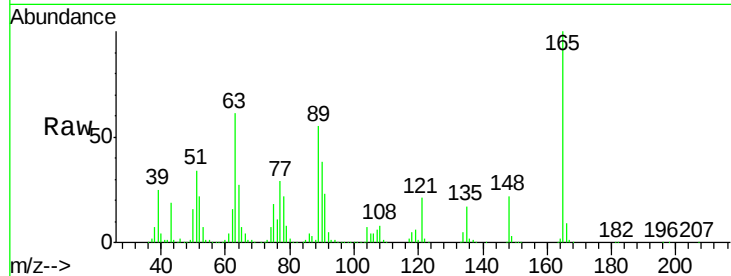
#51
 2,6-Dinitrotoluene
 Concen: 59.698 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	564899		
63	60.8	50.2	75.4	
89	55.5	46.6	69.8	

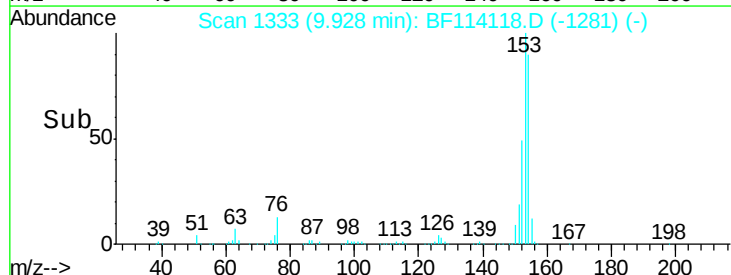
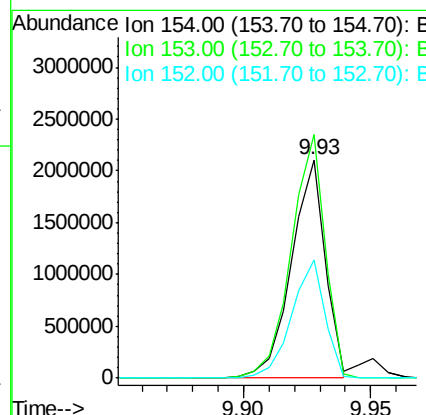
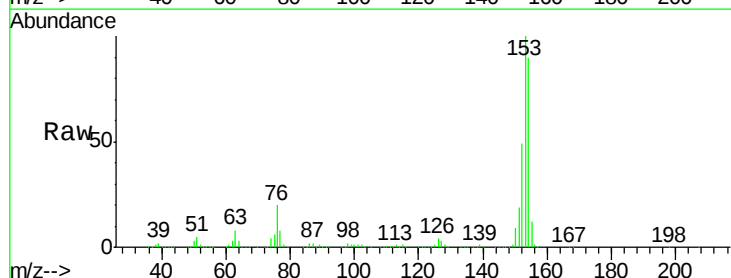
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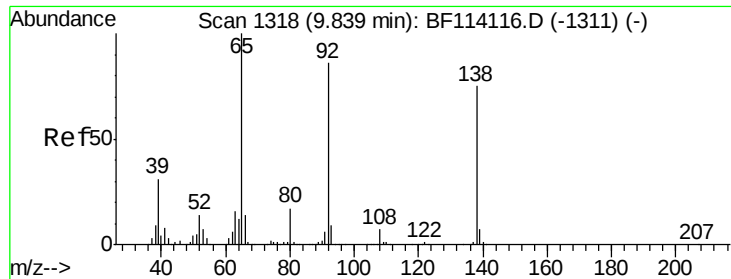
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#52
 Acenaphthene
 Concen: 60.880 ng m
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1953186		
153	111.5	90.5	135.7	
152	54.1	43.4	65.2	





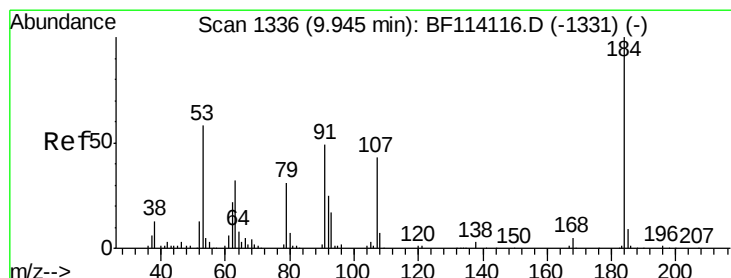
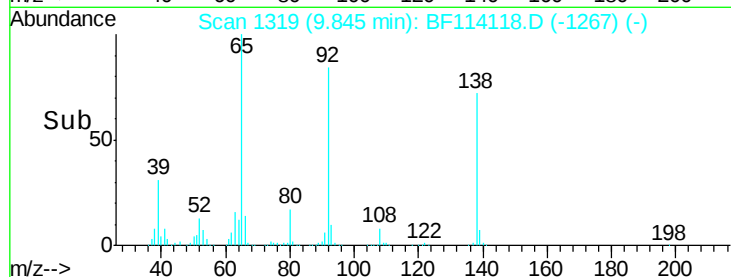
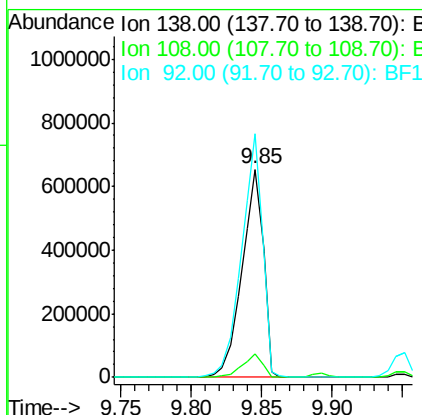
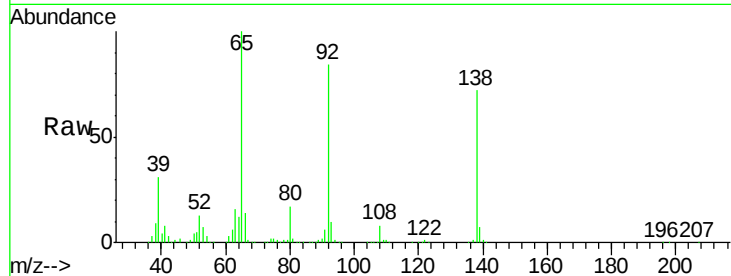
#53
3-Nitroaniline
Concen: 69.574 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	689561		
108	11.1	7.8	11.6	
92	116.9	91.2	136.8	

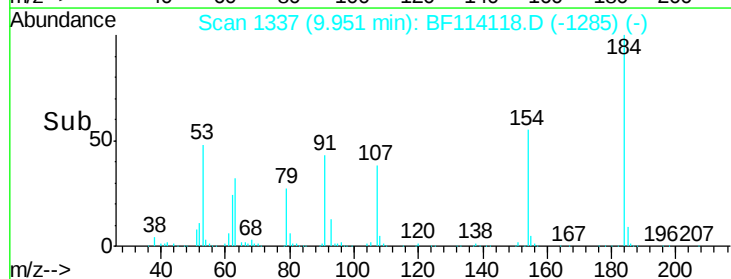
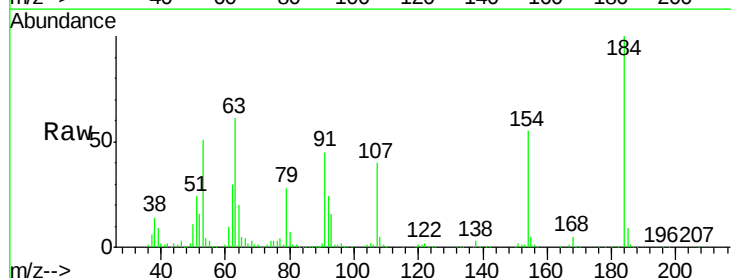
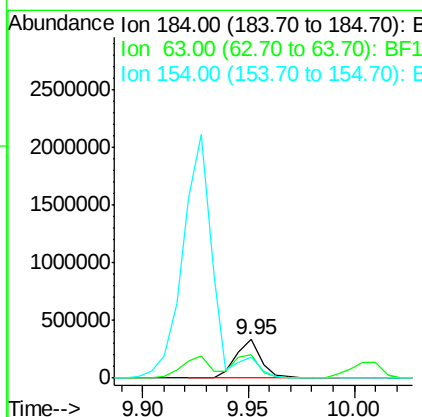
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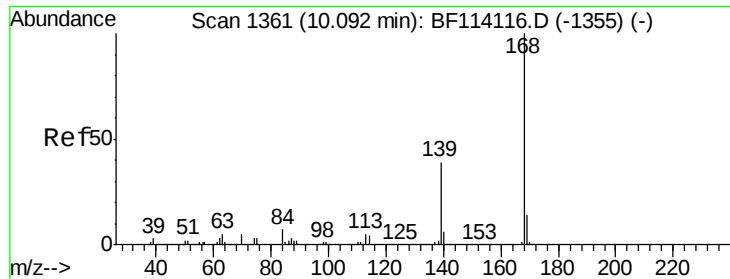
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#54
2,4-Dinitrophenol
Concen: 66.300 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	282971		
63	60.7	55.6	83.4	
154	55.3	46.0	69.0	





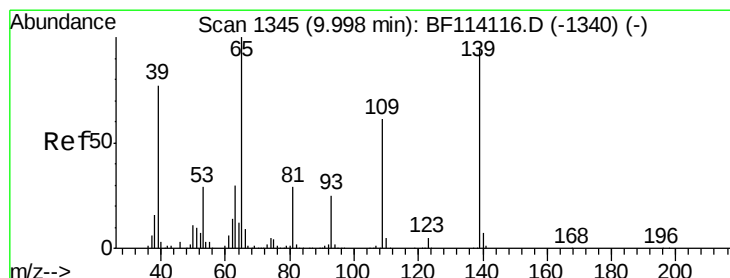
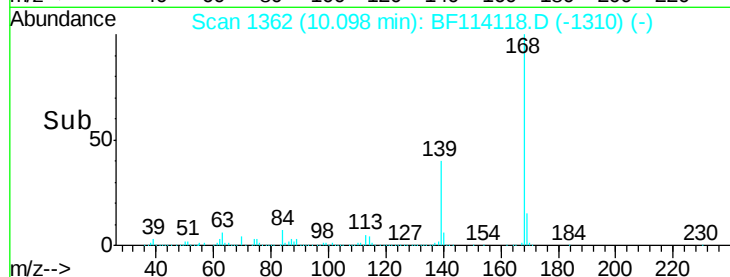
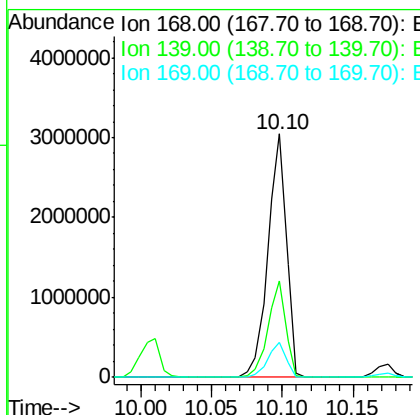
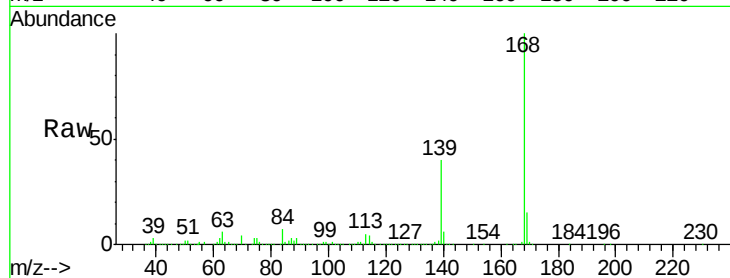
#55
Dibenzofuran
Concen: 56.063 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	31.1	46.7
169	14.6	11.4	17.0

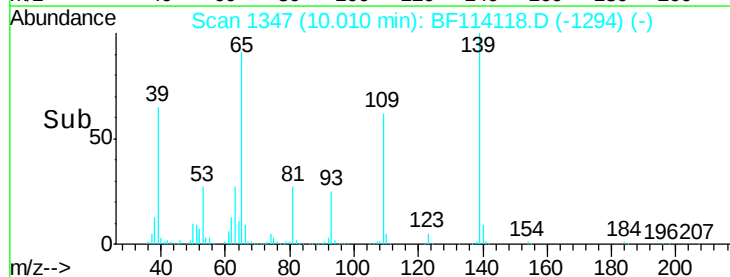
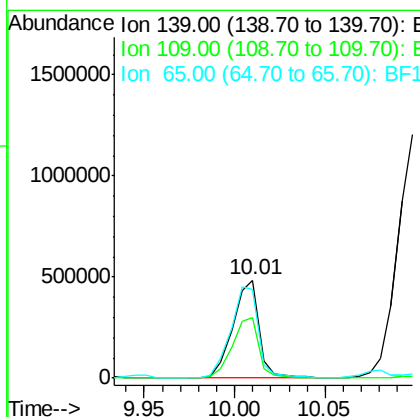
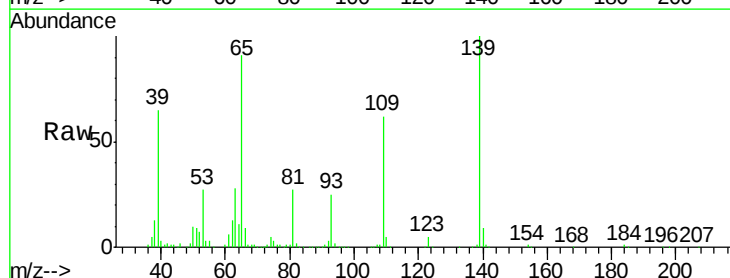
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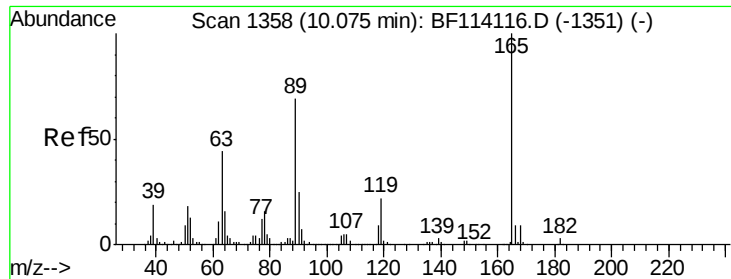
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#56
4-Nitrophenol
Concen: 65.213 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	43.9	83.9
65	90.8	85.7	125.7





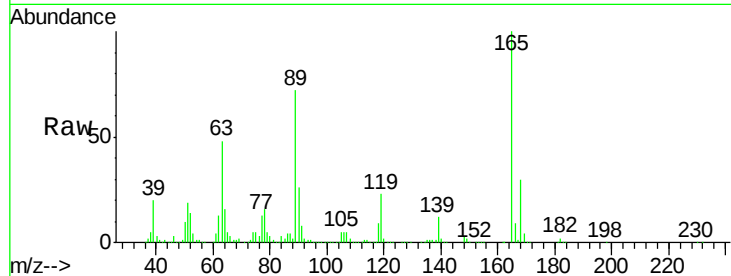
#57
2,4-Dinitrotoluene
Concen: 57.699 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

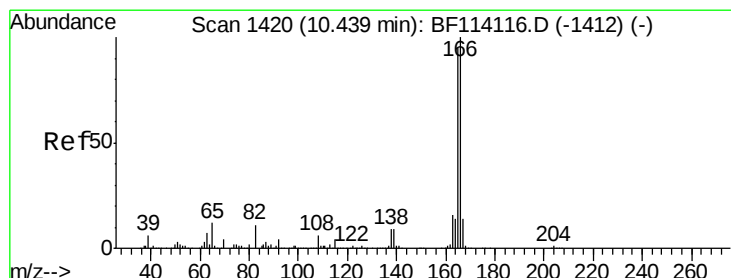
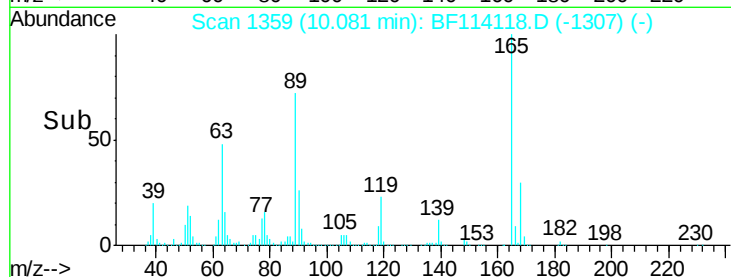
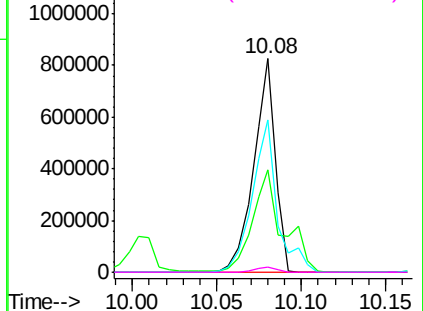
Tgt Ion:	165	Resp:	740200
Ion Ratio	Lower	Upper	
165	100		
63	48.1	35.5	53.3
89	71.5	55.2	82.8
182	2.5	2.2	3.2

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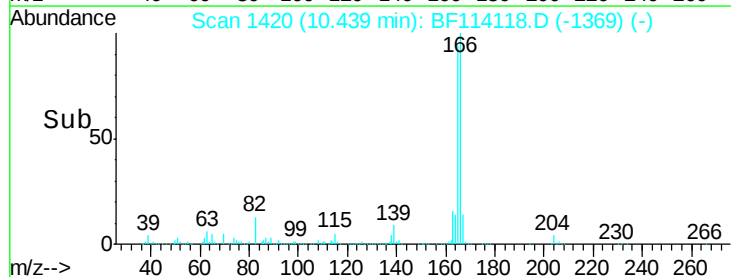
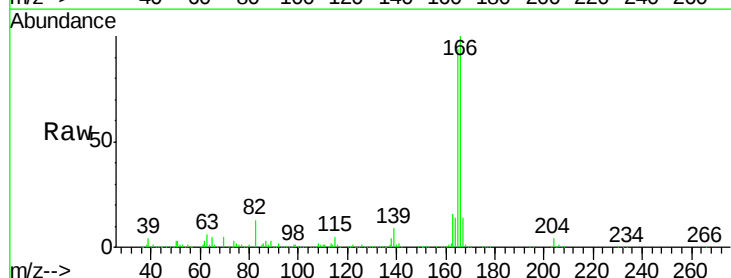
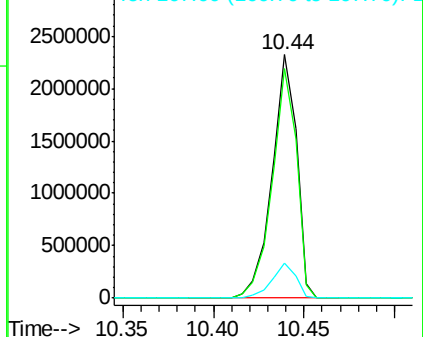
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

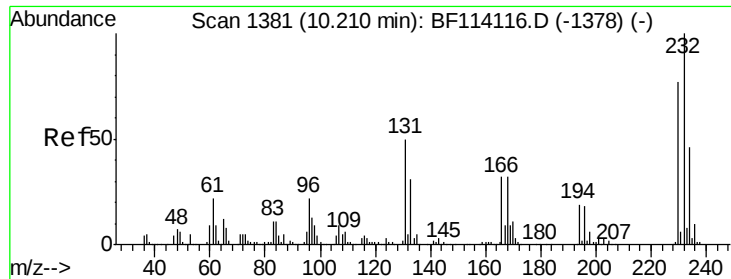


#58
Fluorene
Concen: 56.222 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:	166	Resp:	2172770
Ion Ratio	Lower	Upper	
166	100		
165	94.3	76.1	114.1
167	14.4	11.1	16.7

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





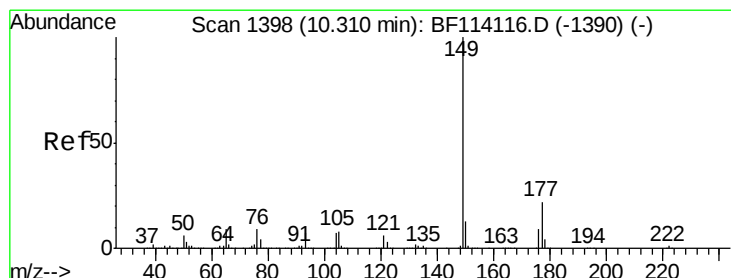
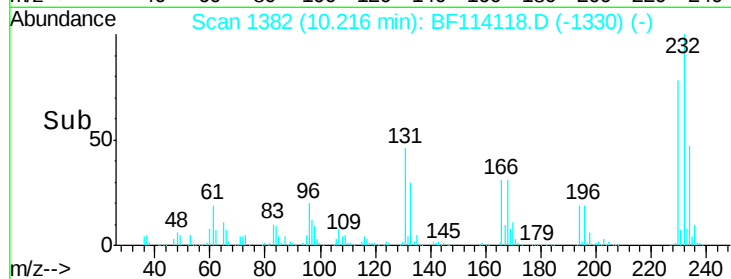
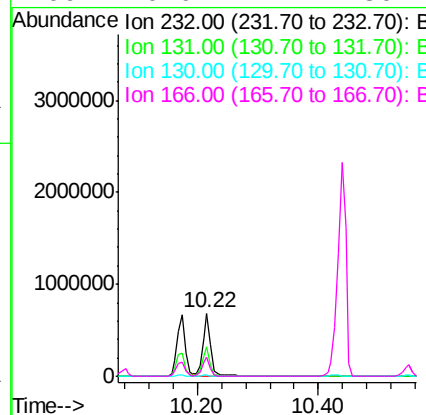
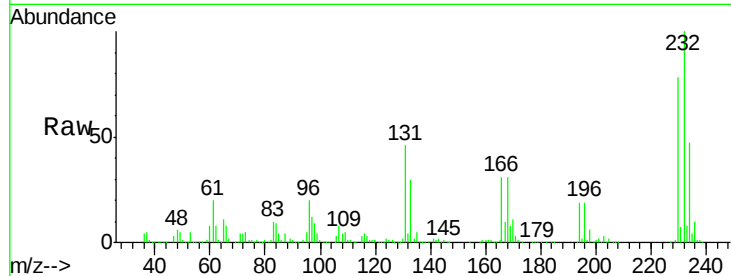
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.173 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	636639		
131	43.9		35.6	53.4
130	2.3		1.6	2.4
166	29.9		24.1	36.1

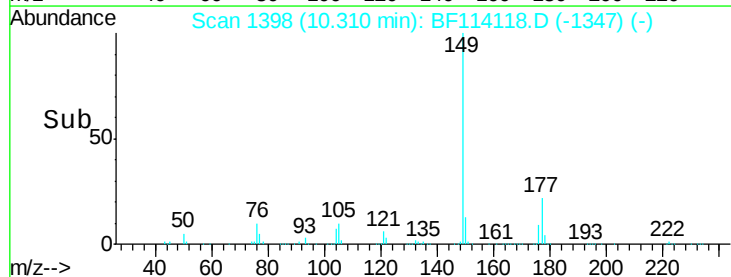
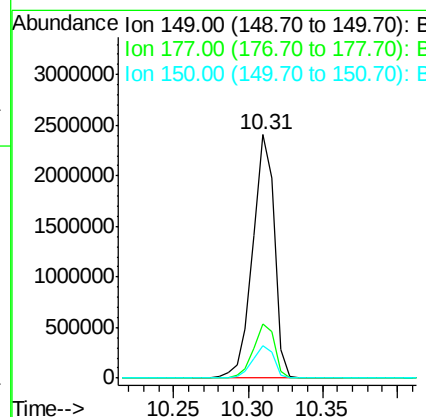
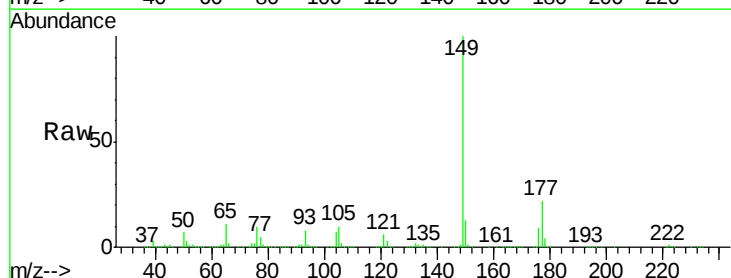
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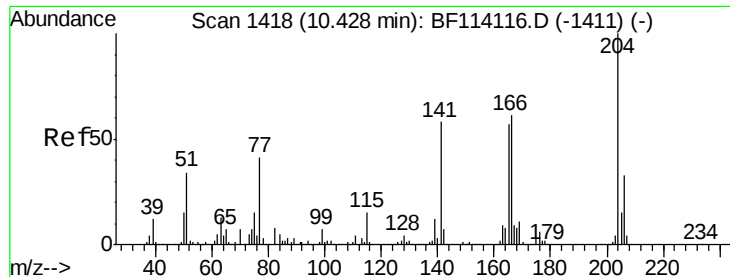
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#60
 Diethylphthalate
 Concen: 58.298 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2390113		
177	22.3		17.8	26.6
150	13.3		10.2	15.2





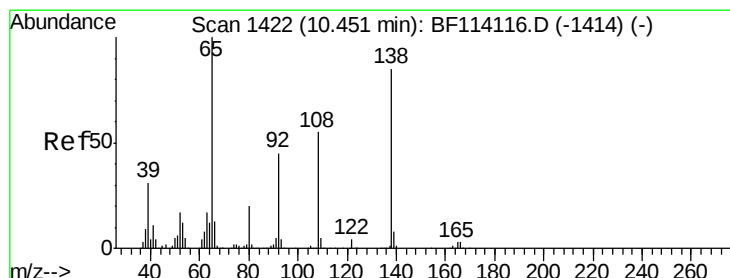
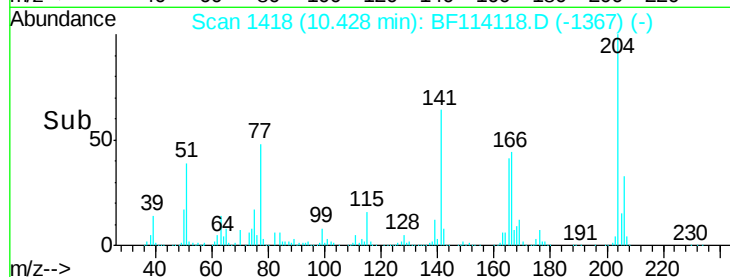
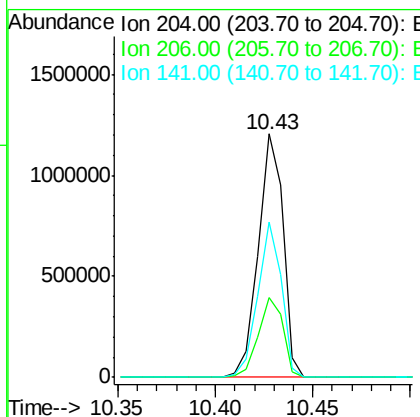
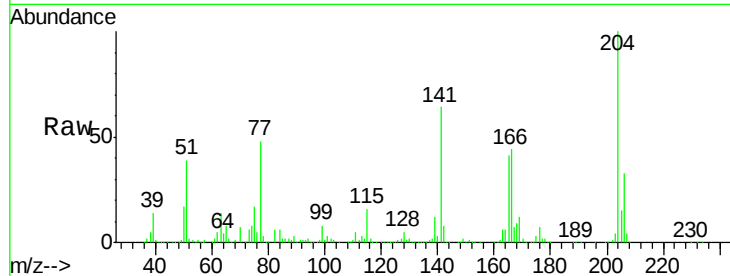
#61
 4-Chlorophenyl-phenylether
 Concen: 53.092 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion:204 Resp: 1061959
 Ion Ratio Lower Upper
 204 100
 206 33.0 26.6 39.8
 141 63.7 46.4 69.6

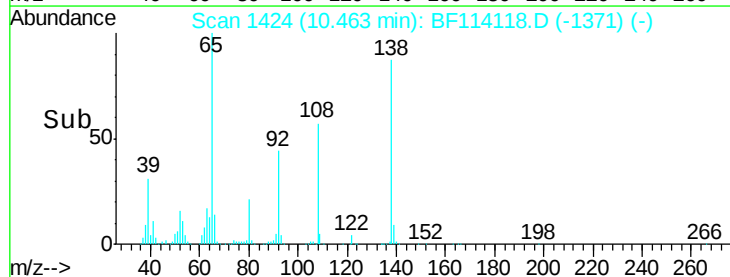
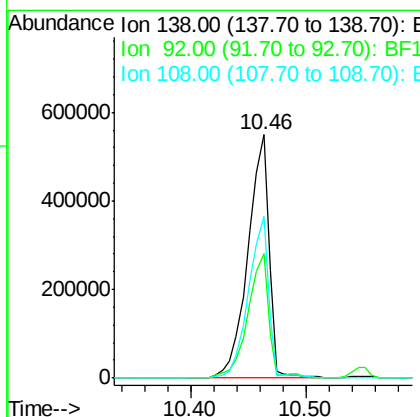
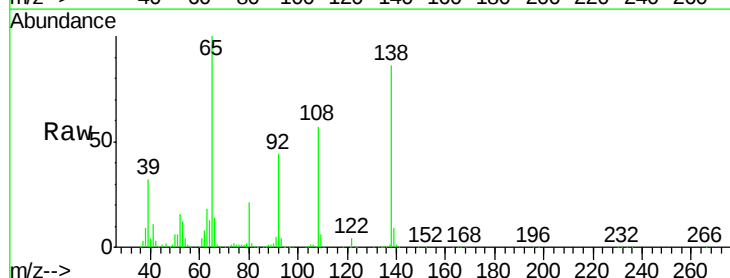
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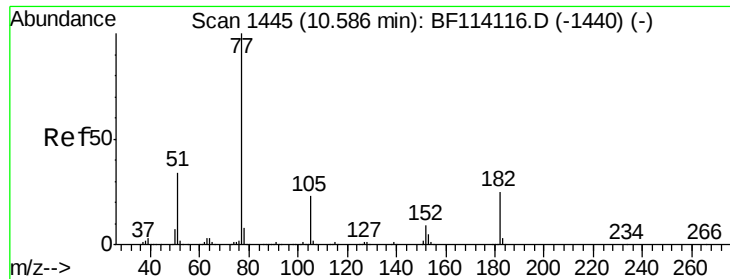
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#62
 4-Nitroaniline
 Concen: 68.519 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion:138 Resp: 702068
 Ion Ratio Lower Upper
 138 100
 92 51.0 33.0 73.0
 108 66.3 44.9 84.9





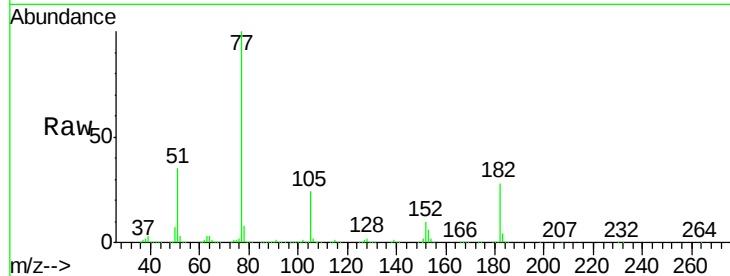
#63
Azobenzene
Concen: 58.597 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

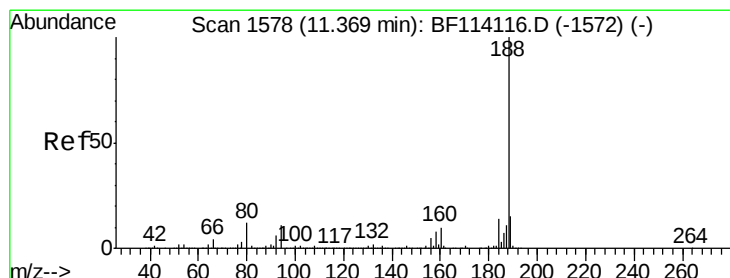
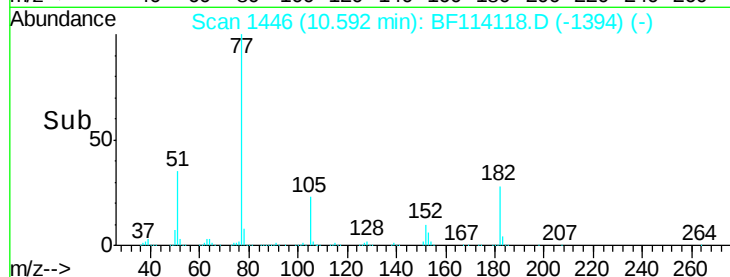
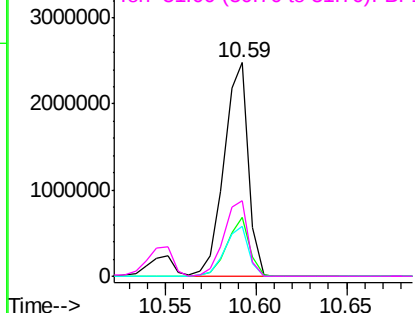
Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.5	4.7	44.7
105	23.6	2.9	42.9
51	35.2	14.6	54.6

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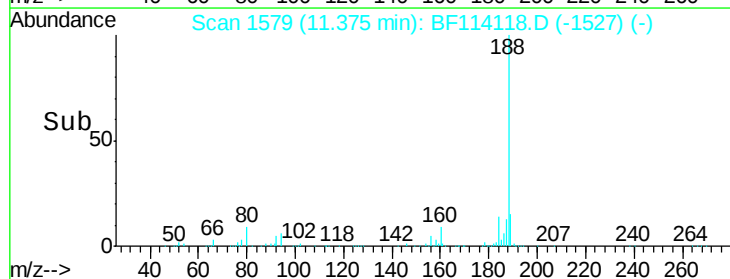
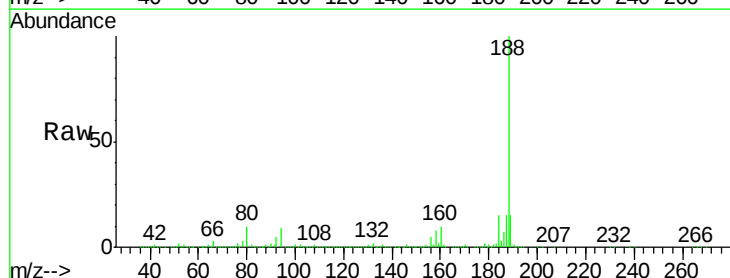
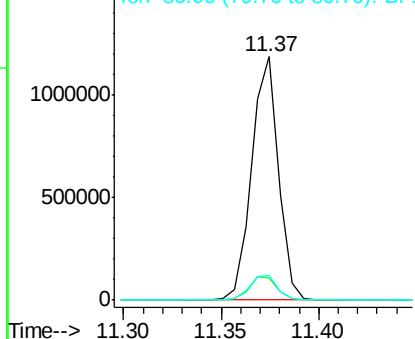
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

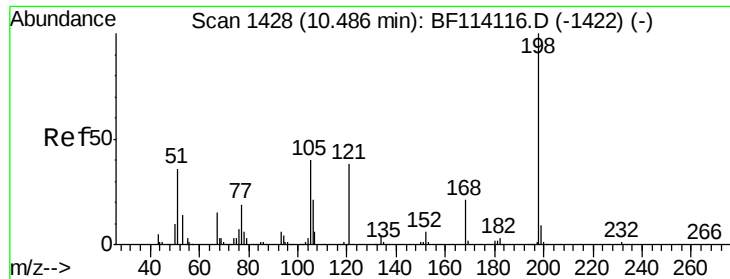


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.4	12.6
80	9.9	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





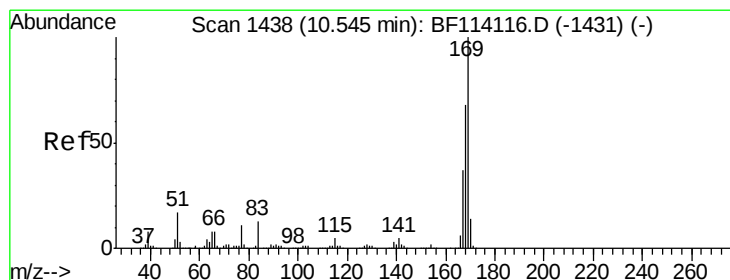
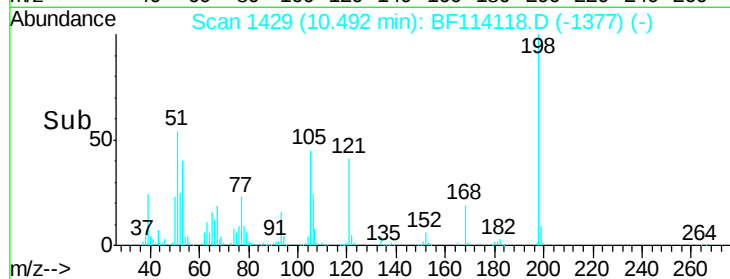
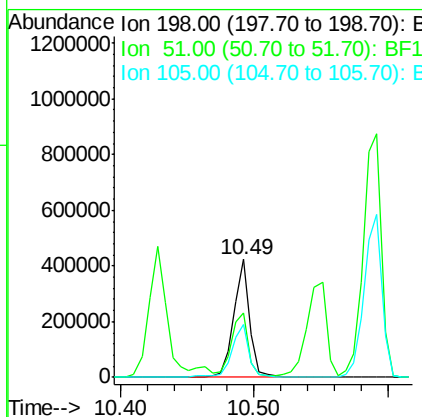
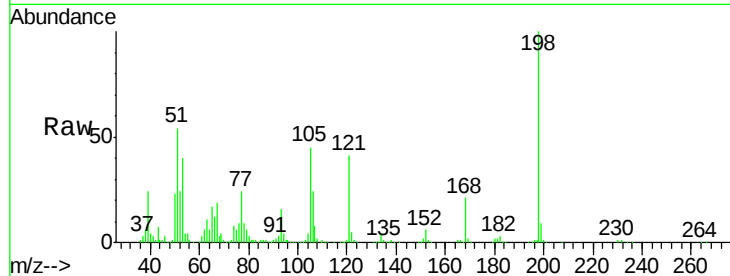
#65
 4,6-Dinitro-2-methylphenol
 Concen: 56.057 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	357708		
51	54.2	28.0	68.0	
105	45.2	21.1	61.1	

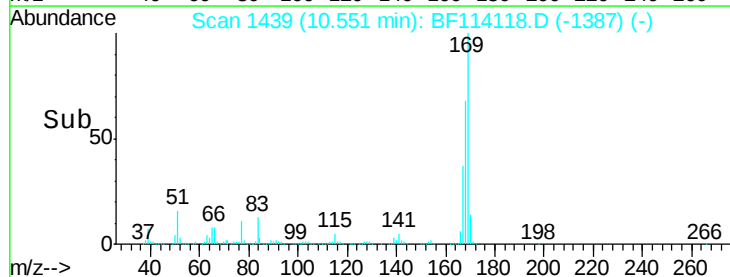
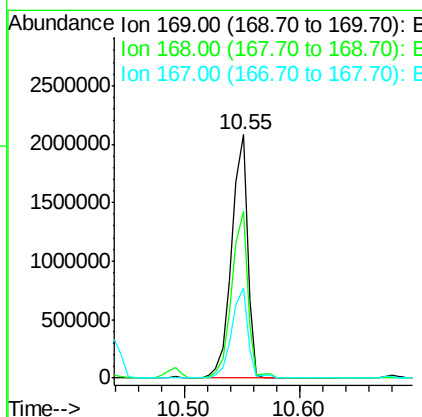
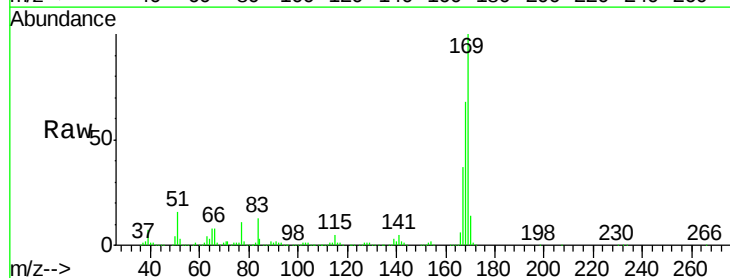
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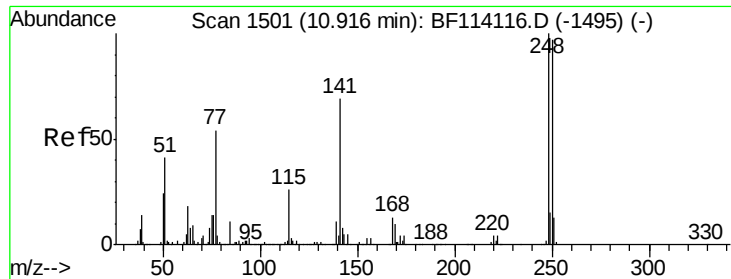
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#66
 n-Nitrosodiphenylamine
 Concen: 56.757 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1999598		
168	68.4	54.2	81.2	
167	37.0	29.8	44.8	





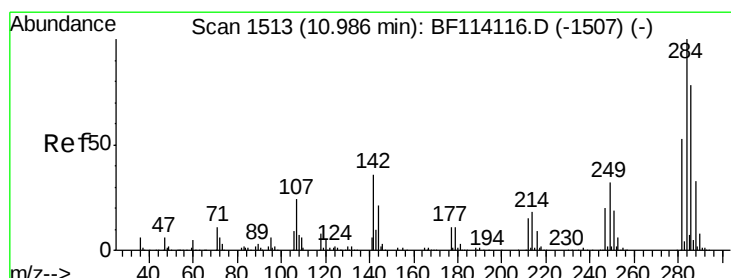
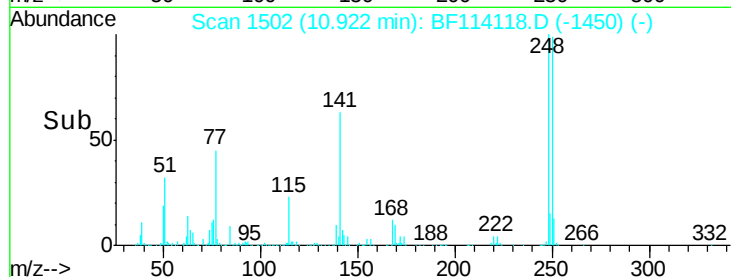
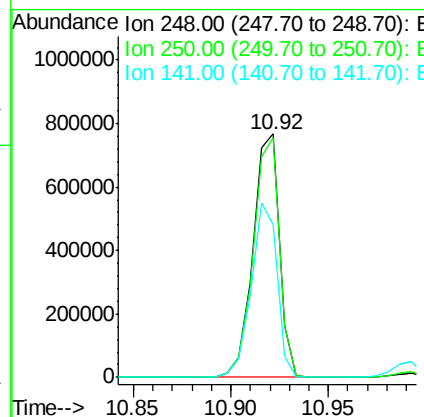
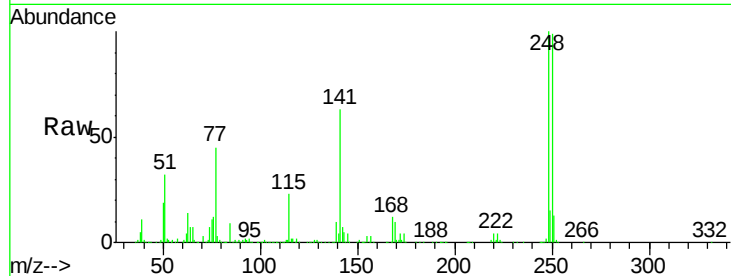
#67
4-Bromophenyl-phenylether
Concen: 51.240 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleID :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.5	77.4	116.2
141	62.8	55.6	83.4

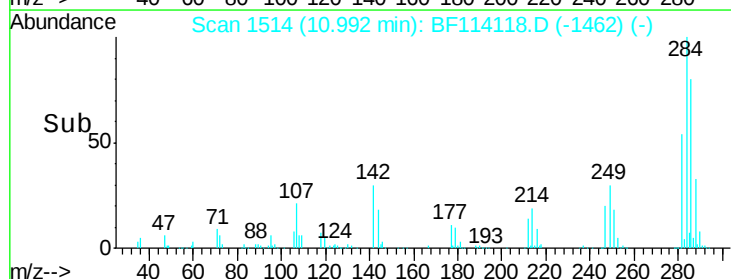
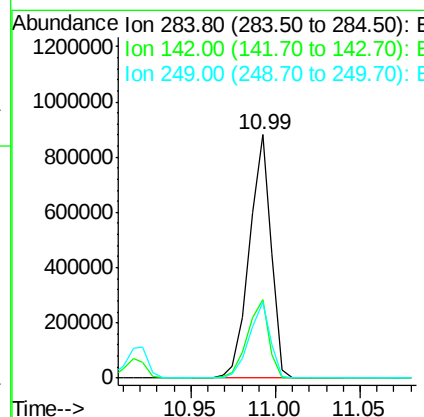
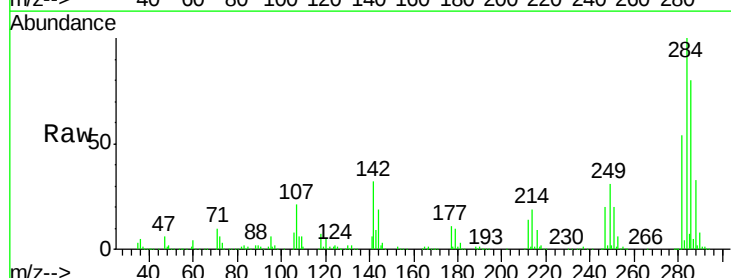
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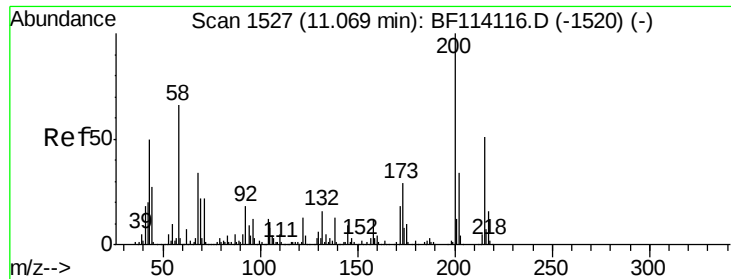
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#68
Hexachlorobenzene
Concen: 51.301 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	28.4	42.6
249	31.0	25.2	37.8





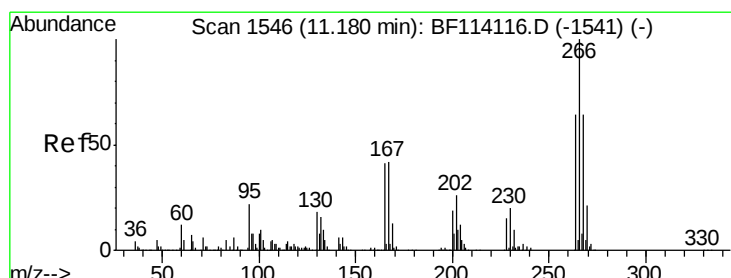
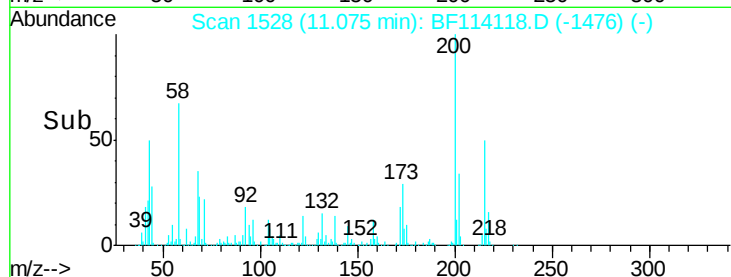
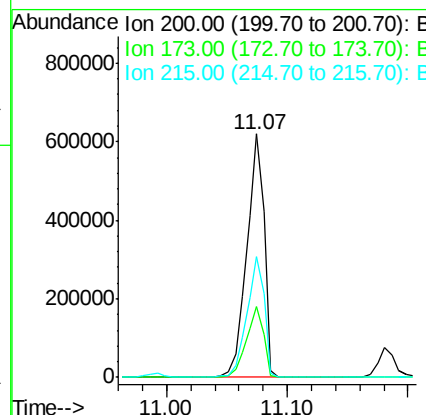
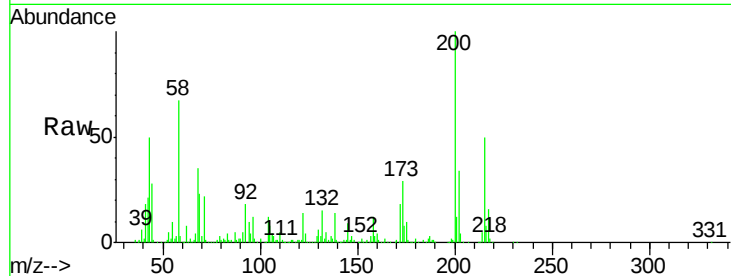
#69
Atrazine
Concen: 52.640 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.8	8.9	48.9
215	49.8	30.7	70.7

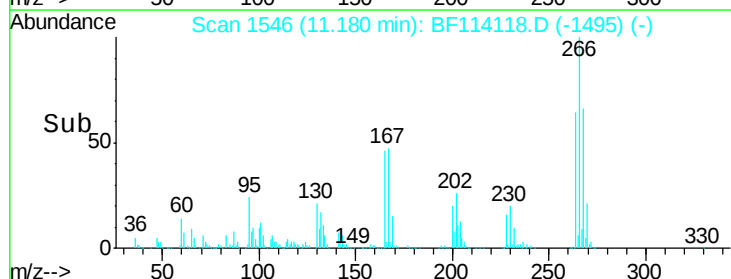
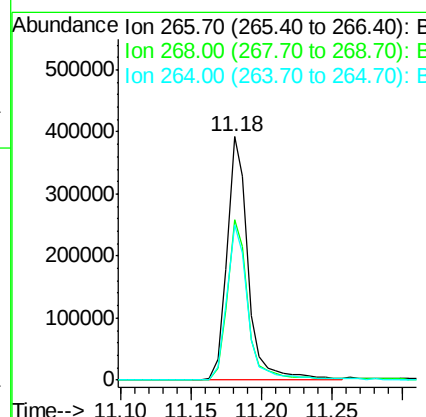
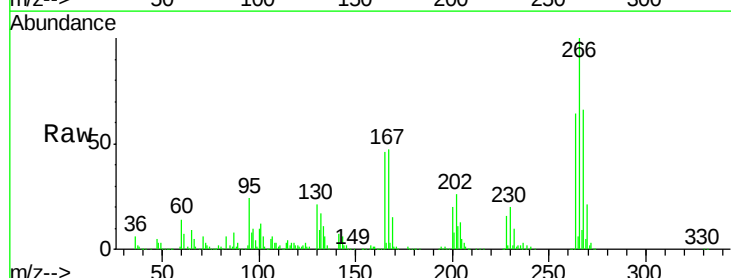
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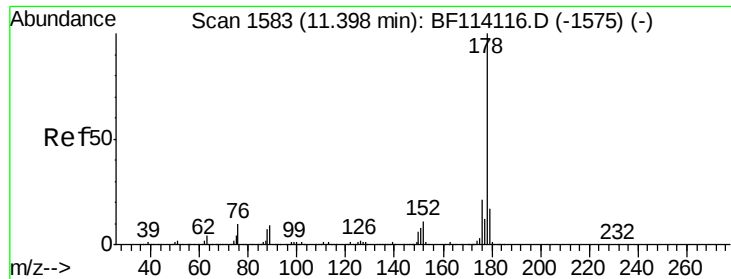
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#70
Pentachlorophenol
Concen: 50.201 ng
RT: 11.18 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.6	51.1	76.7
264	63.7	51.1	76.7





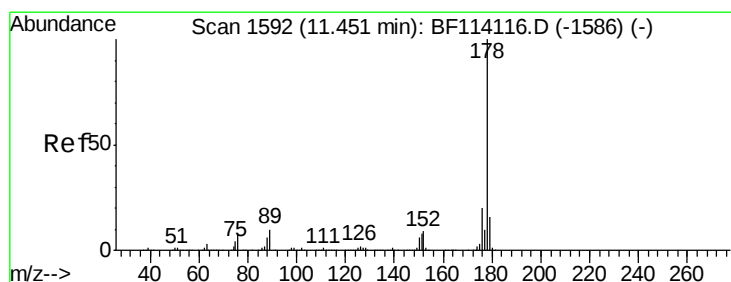
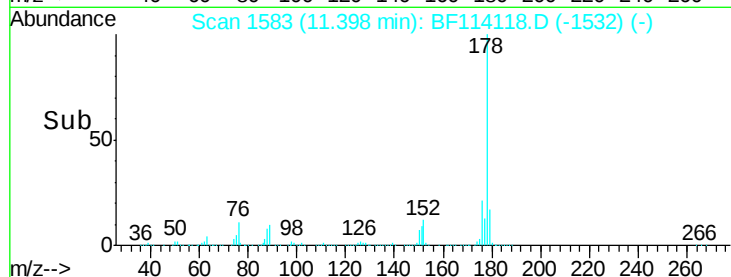
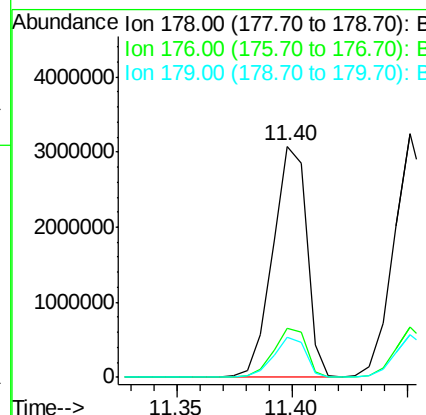
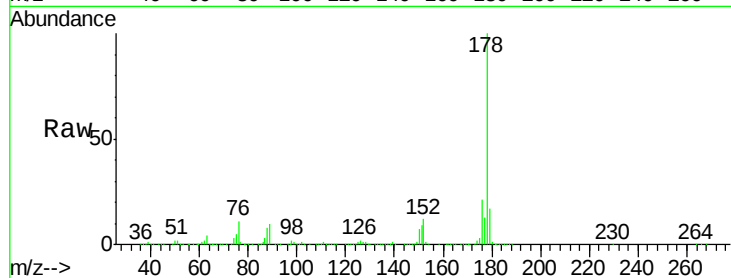
#71
Phenanthrene
Concen: 55.083 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:178 Resp: 3144291
Ion Ratio Lower Upper
178 100
176 21.4 16.4 24.6
179 17.2 13.2 19.8

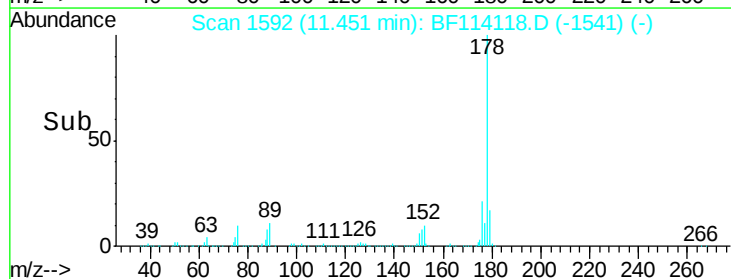
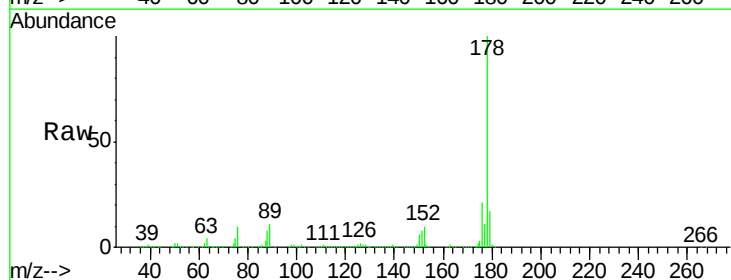
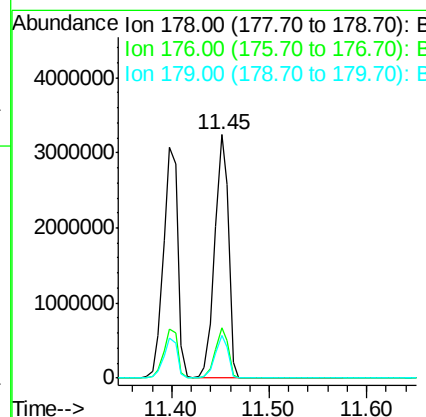
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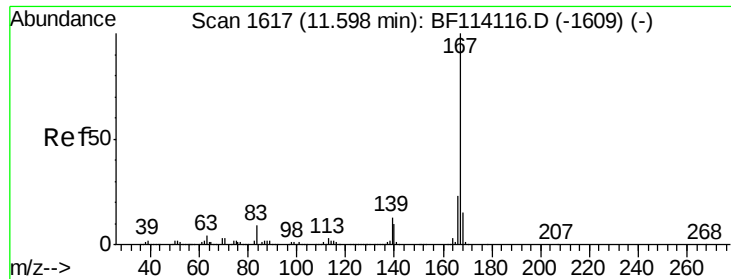
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#72
Anthracene
Concen: 54.872 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion:178 Resp: 3162760
Ion Ratio Lower Upper
178 100
176 20.8 15.8 23.8
179 17.4 13.0 19.4





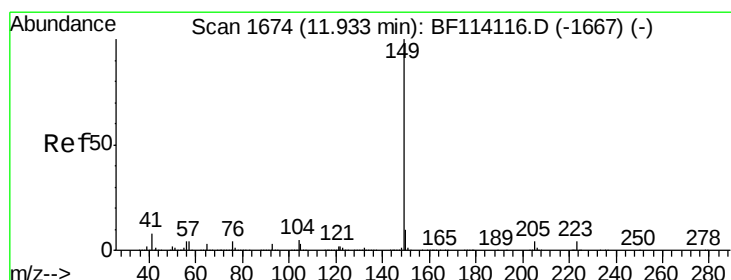
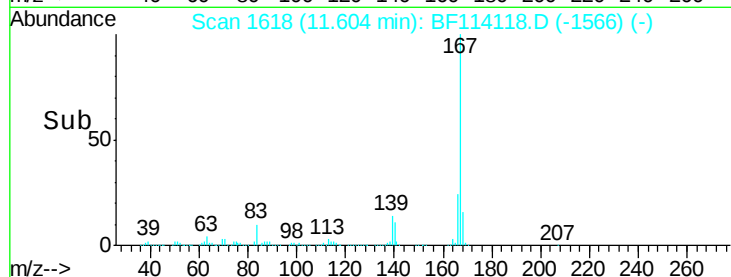
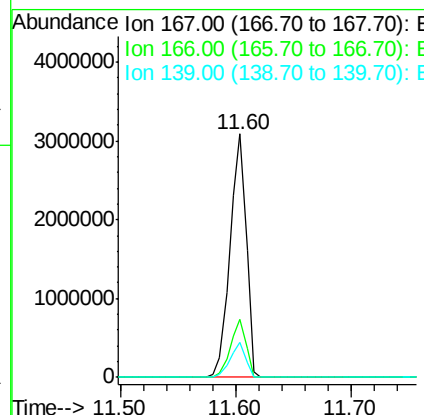
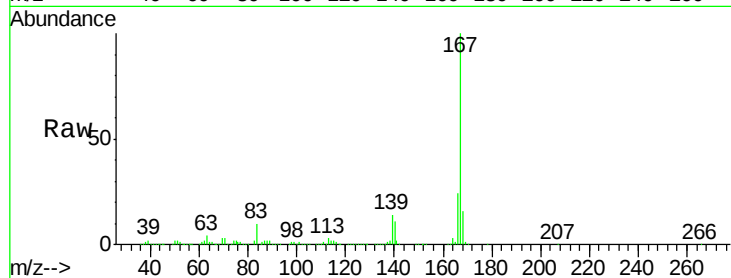
#73
 Carbazole
 Concen: 58.918 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.2	27.2
139	14.2	10.6	16.0

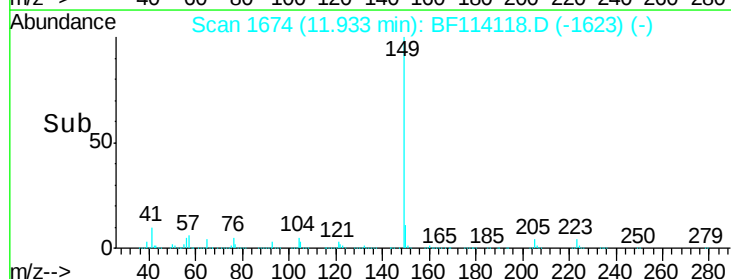
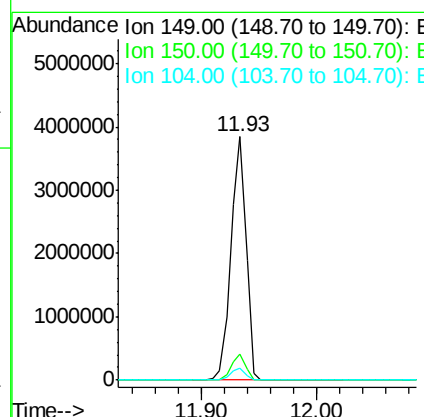
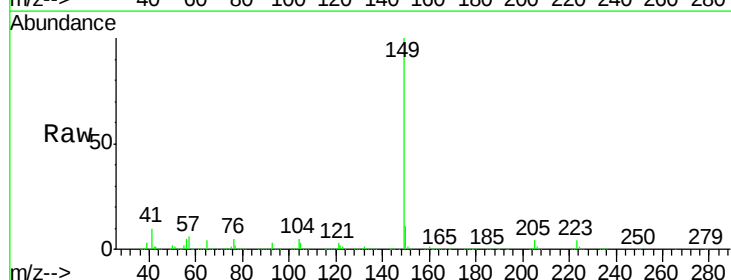
Manual Integrations
 APPROVED

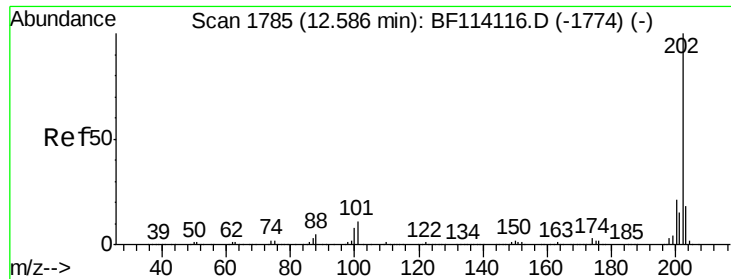
Sohil
 5/13/2019 8:34:16 PM



#74
 Di-n-butylphthalate
 Concen: 55.795 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	7.7	11.5
104	5.1	3.6	5.4





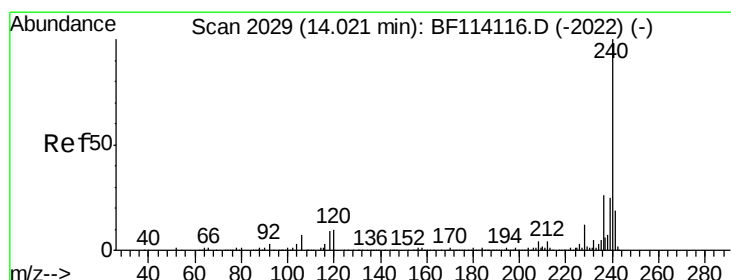
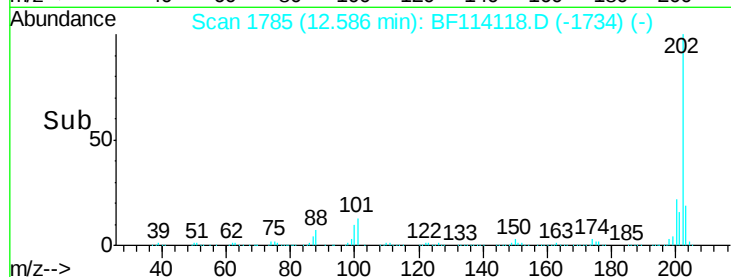
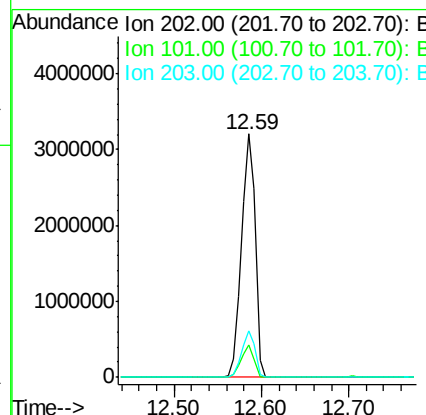
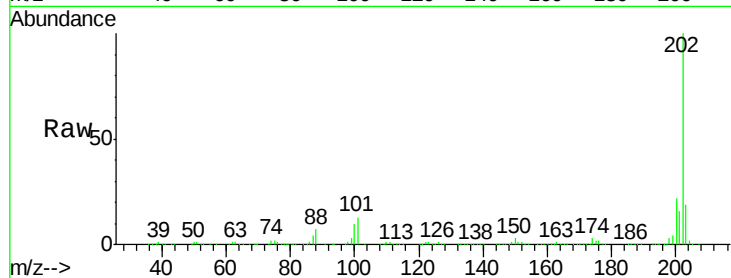
#75
 Fluoranthene
 Concen: 56.134 ng
 RT: 12.59 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	31.0
203	19.4	0.0	38.4

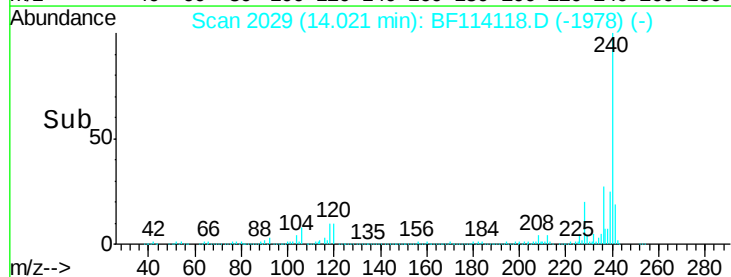
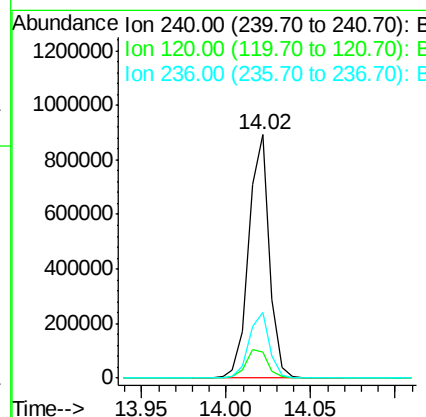
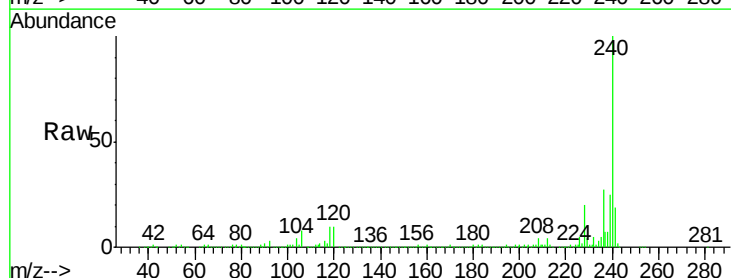
Manual Integrations
 APPROVED

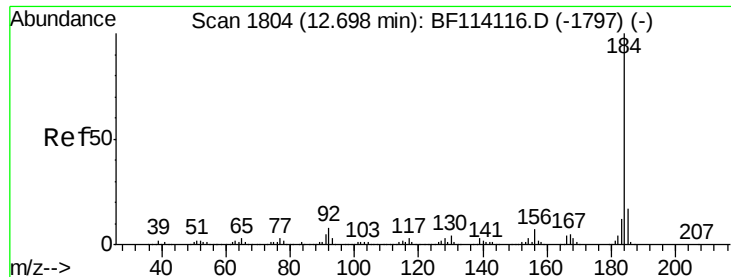
Sohil
 5/13/2019 8:34:16 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF114118.D
 Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	27.0	20.8	31.2





#77

Benzidine

Concen: 87.338 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:184 Resp: 1903020

Ion Ratio Lower Upper

184 100

185 18.7 13.6 20.4

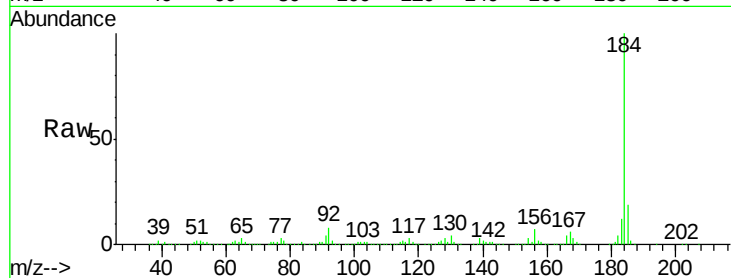
183 11.6 9.2 13.8

Manual Integrations

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Sohil

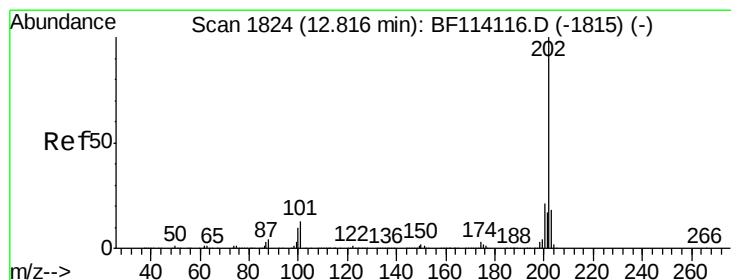
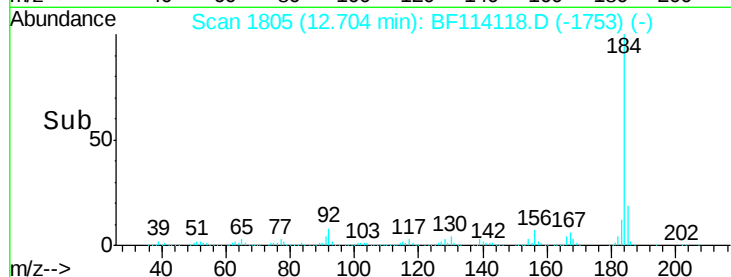
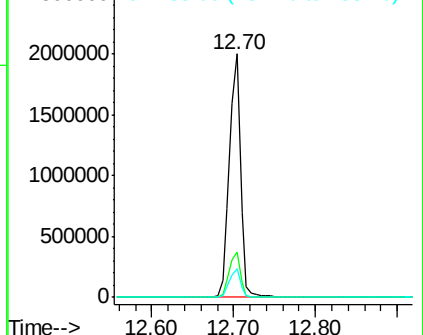
5/13/2019 8:34:16 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 65.864 ng

RT: 12.82 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

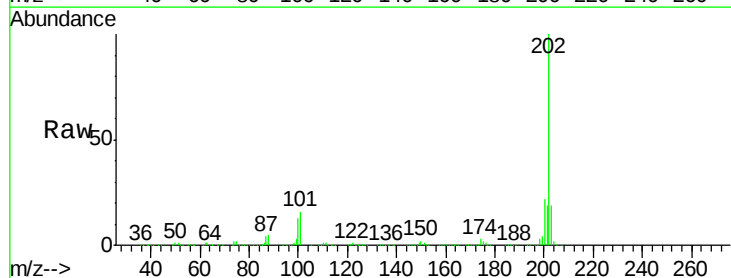
Tgt Ion:202 Resp: 3468798

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

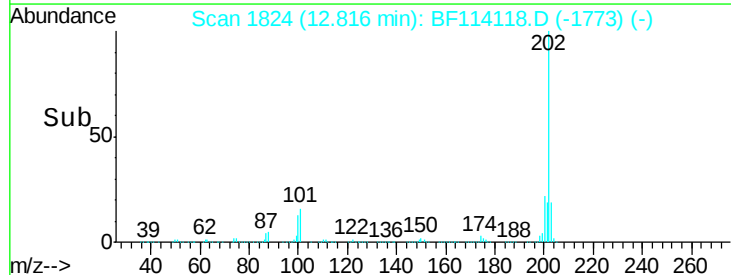
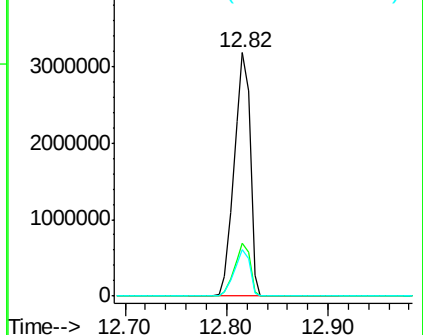
203 19.1 14.5 21.7

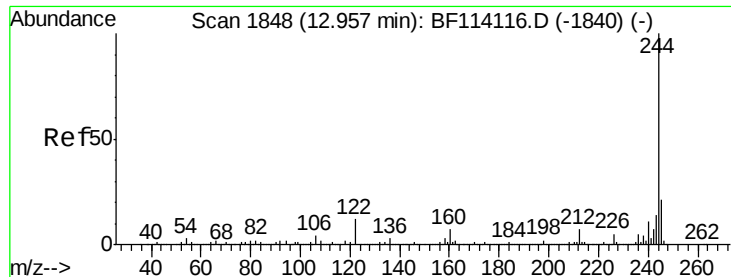


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.946 ng

RT: 12.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:244 Resp: 3995197

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

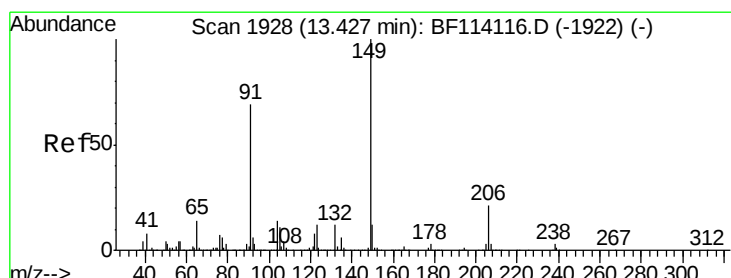
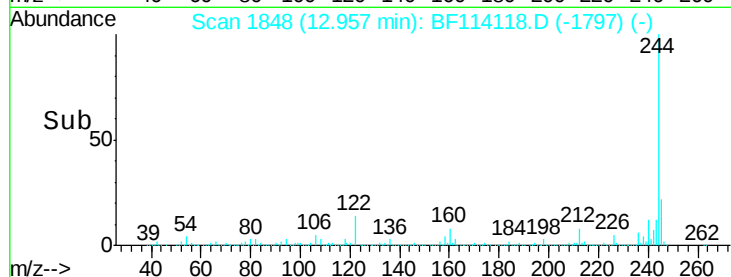
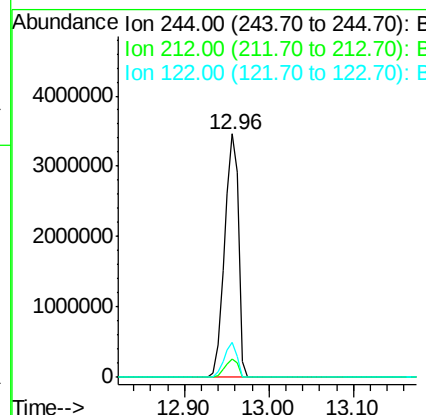
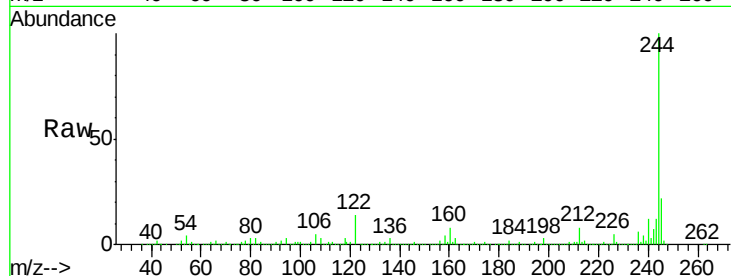
122 14.4 9.4 14.2#

Manual Integrations

APPROVED

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#80

Butylbenzylphthalate

Concen: 69.576 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

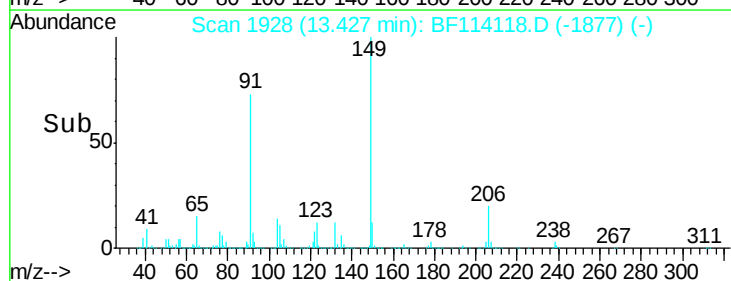
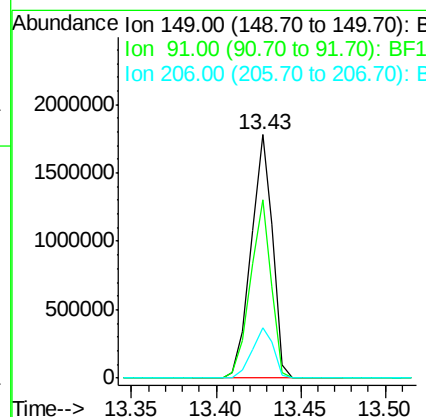
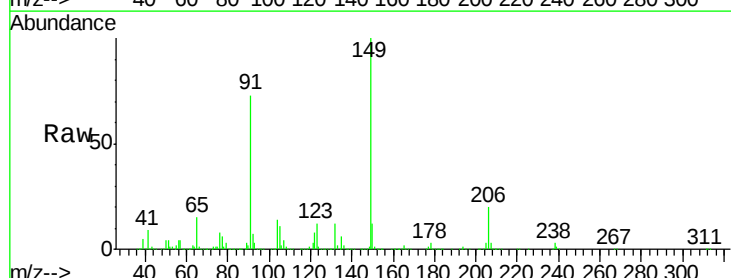
Tgt Ion:149 Resp: 1580639

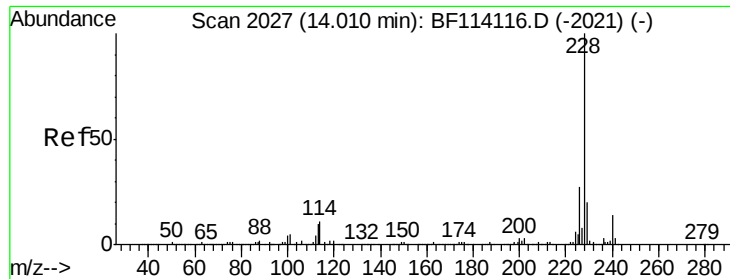
Ion Ratio Lower Upper

149 100

91 73.2 55.0 82.4

206 20.4 16.9 25.3





#81

Benzo(a)anthracene

Concen: 57.975 ng

RT: 14.01 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:228 Resp: 2842761

Ion Ratio Lower Upper

228 100

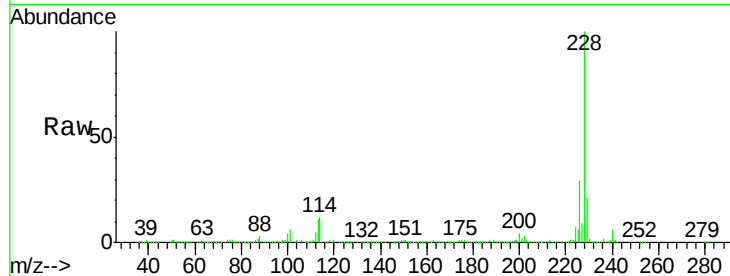
226 28.6 22.2 33.2

229 20.9 16.4 24.6

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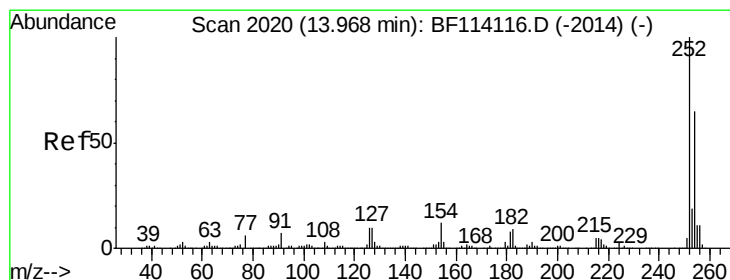
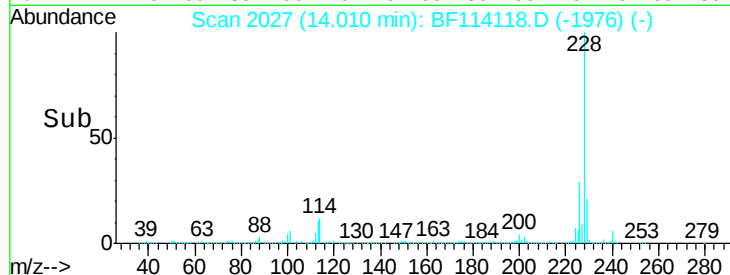
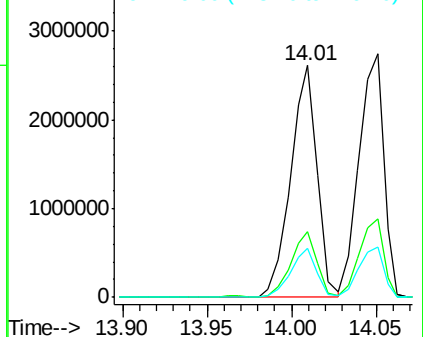
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 63.006 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

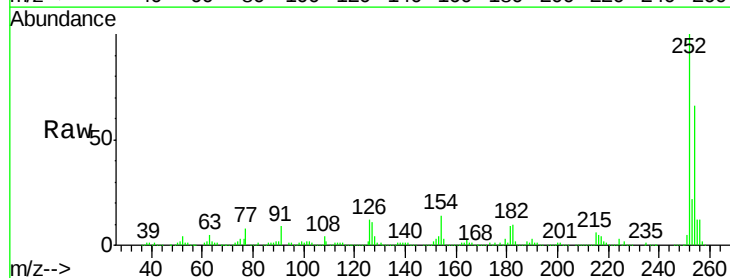
Tgt Ion:252 Resp: 1131614

Ion Ratio Lower Upper

252 100

254 66.2 51.9 77.9

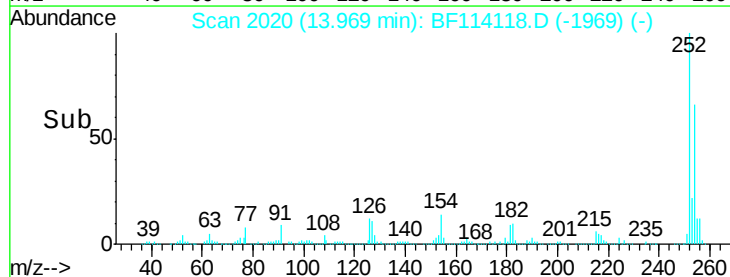
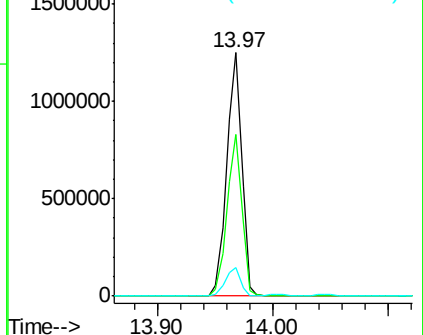
126 11.7 7.9 11.9

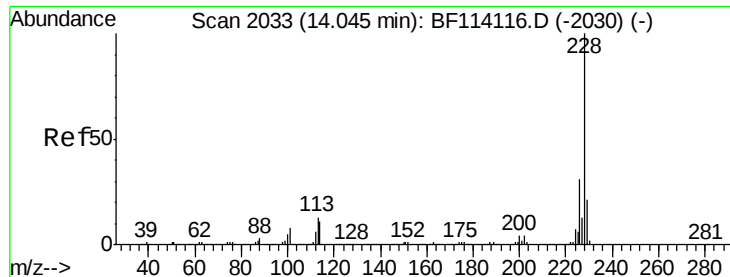


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





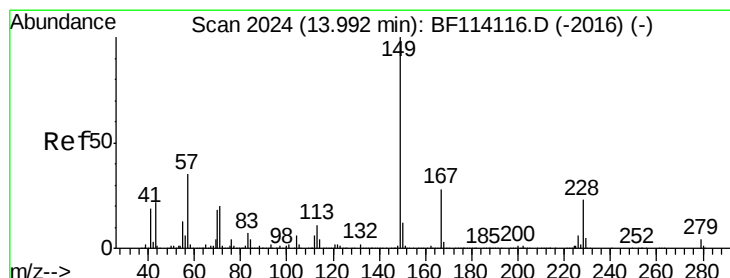
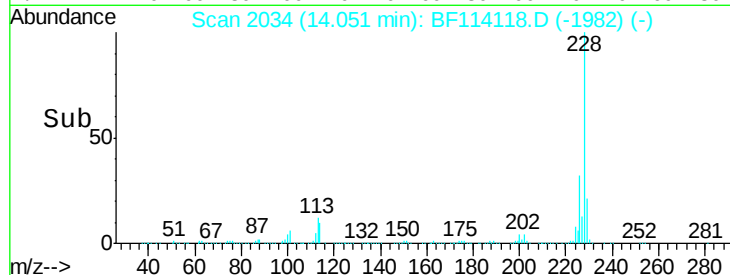
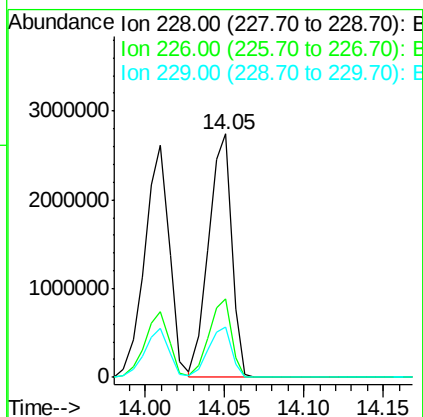
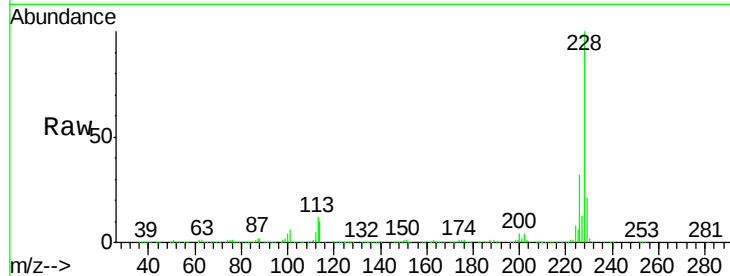
#83
Chrysene
Concen: 58.543 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 228 Resp: 2798387
Ion Ratio Lower Upper
228 100
226 32.1 25.0 37.6
229 20.8 17.0 25.6

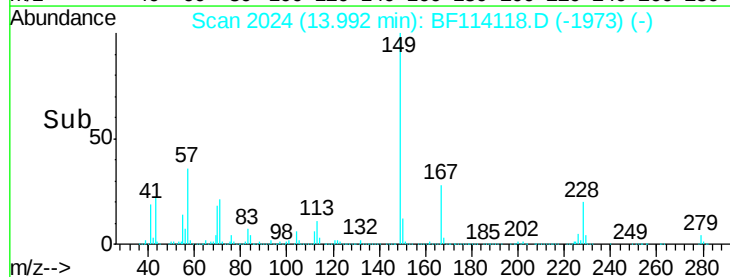
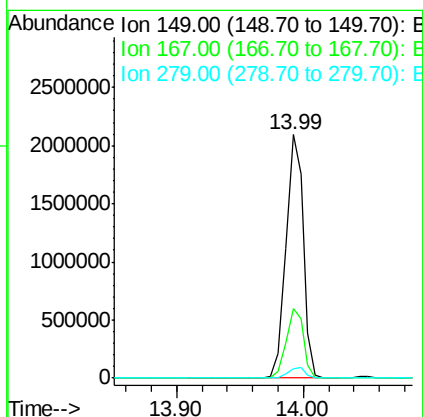
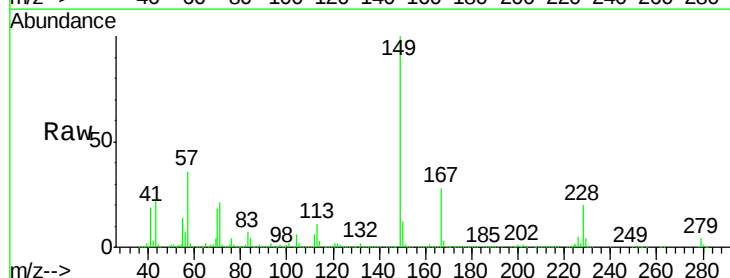
Manual Integrations
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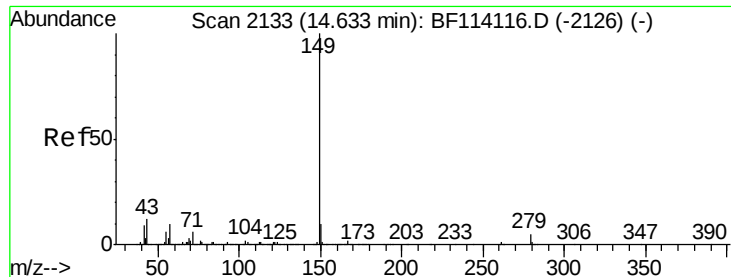
Sohil
5/13/2019 8:34:16 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.735 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion: 149 Resp: 1992093
Ion Ratio Lower Upper
149 100
167 28.4 22.6 33.8
279 3.9 3.0 4.6





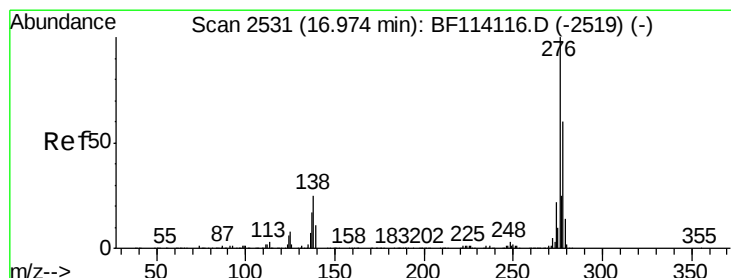
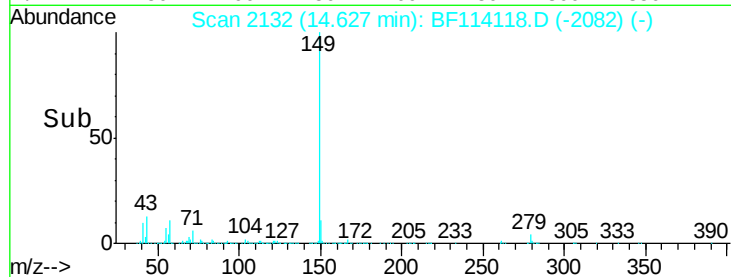
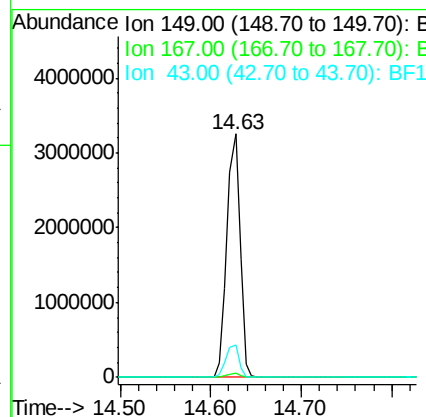
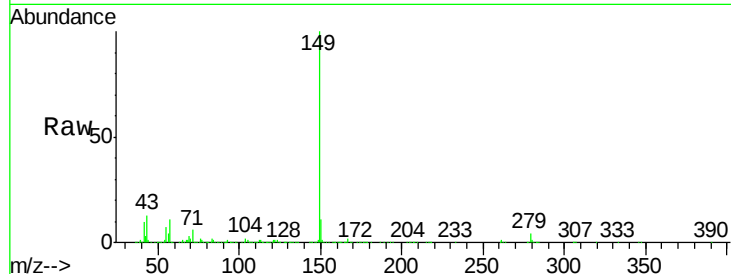
#85
Di-n-octyl phthalate
Concen: 61.948 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	13.2	10.1	15.1

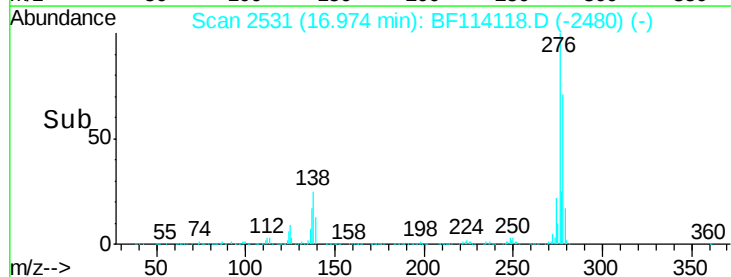
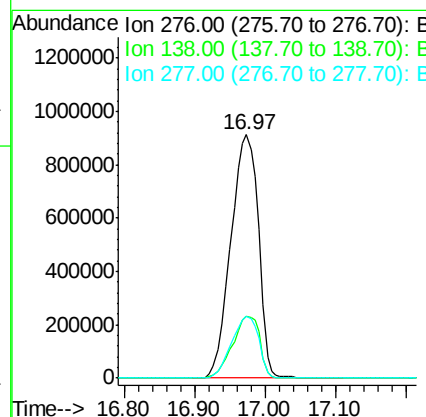
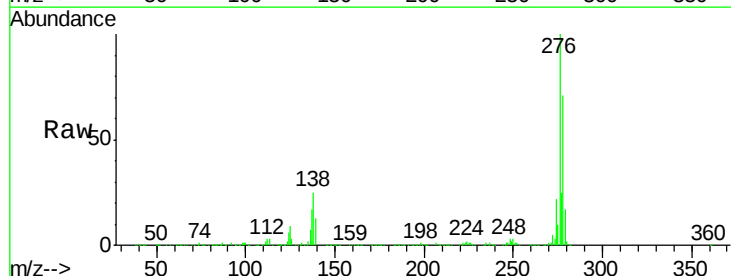
Manual Integrations
APPROVED

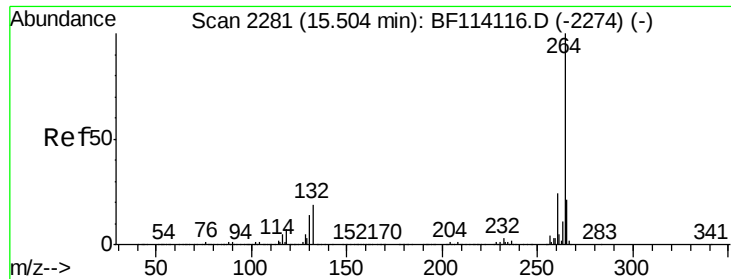
Sohil
5/13/2019 8:34:16 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 56.353 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.2
277	25.2	20.0	30.0





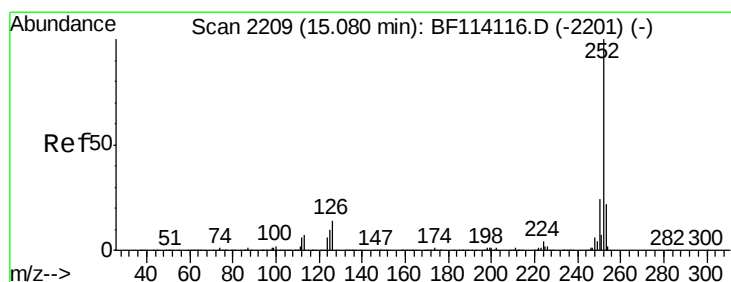
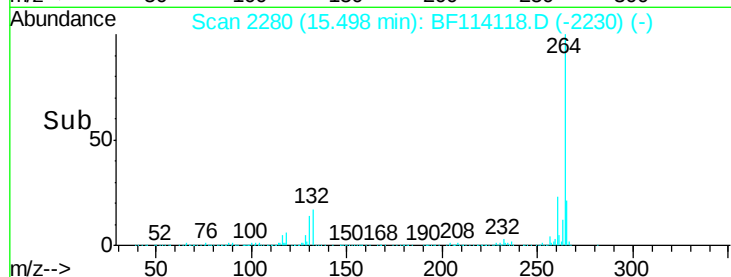
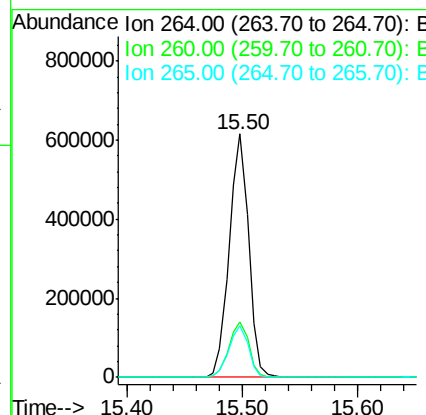
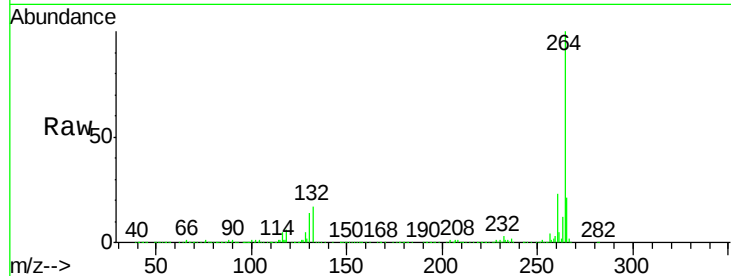
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.4	29.0
265	21.1	16.9	25.3

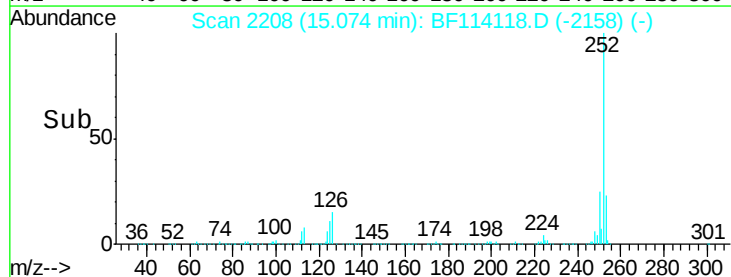
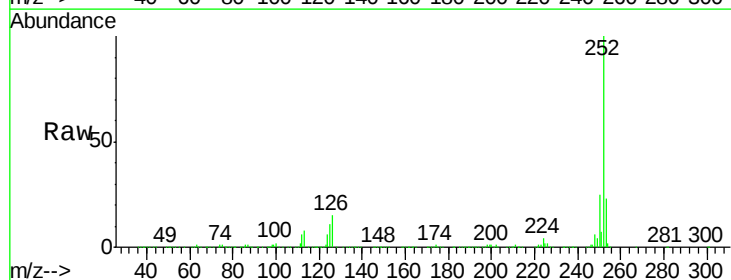
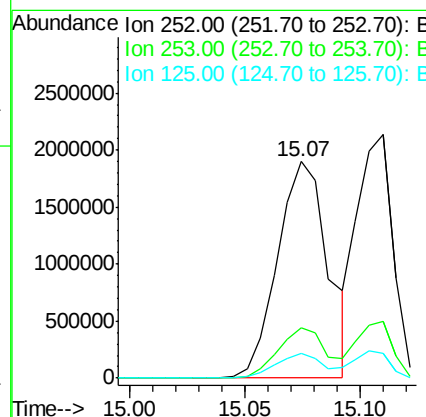
Manual Integrations
APPROVED

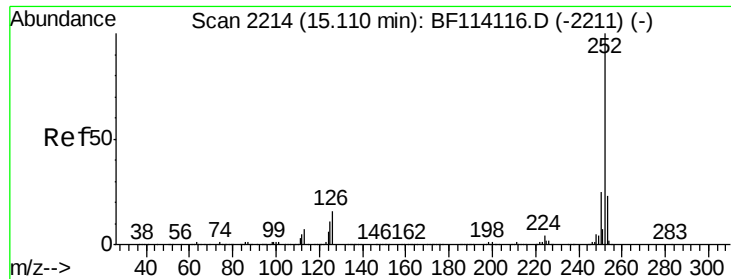
Sohil
5/13/2019 8:34:16 PM



#88
Benzo(b)fluoranthene
Concen: 64.773 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	11.3	8.3	12.5





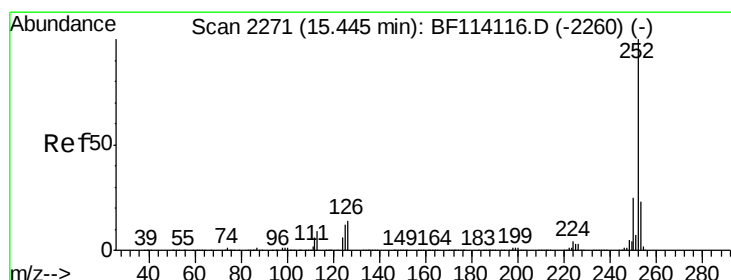
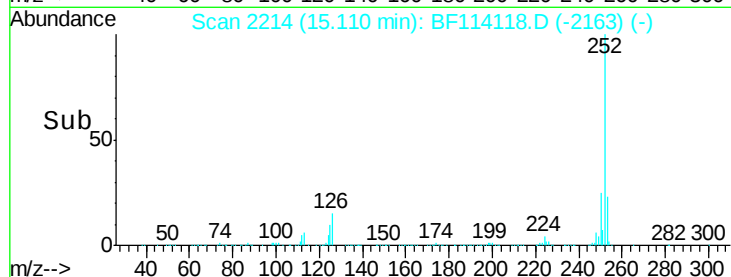
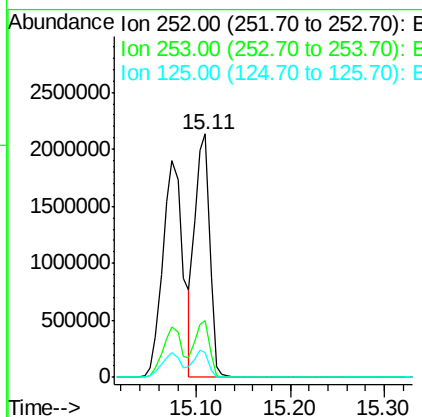
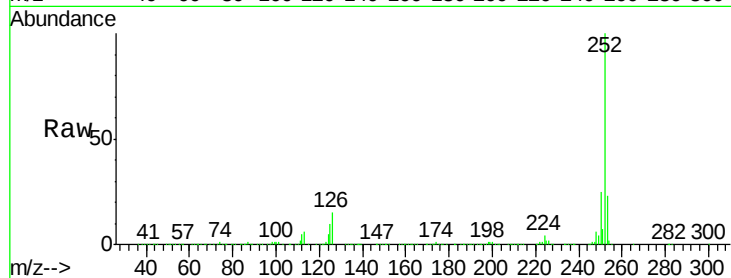
#89
Benzo(k)fluoranthene
Concen: 58.911 ng
RT: 15.11 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion: 252 Resp: 2309979
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 10.2 8.6 13.0

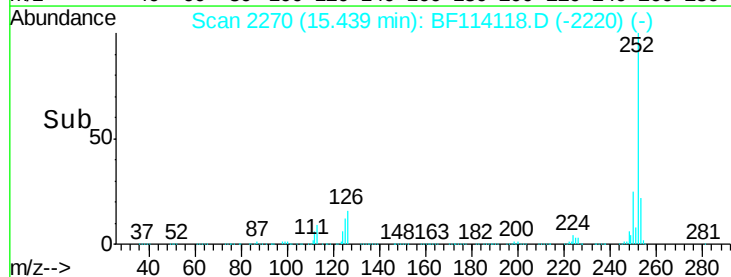
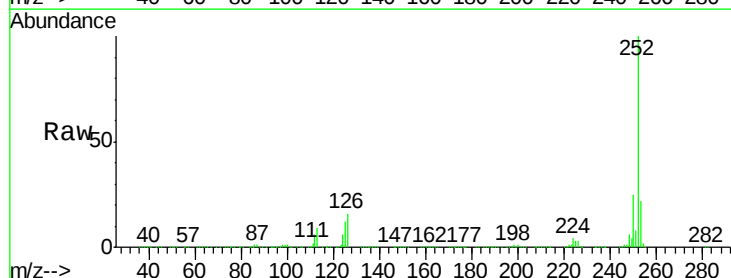
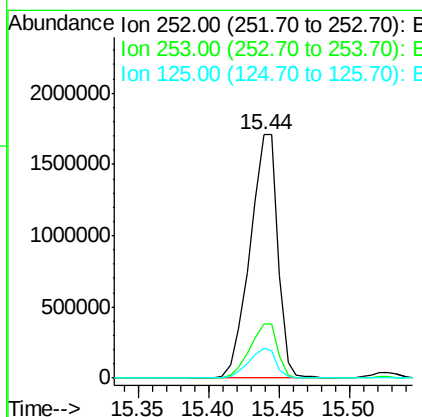
Manual Integrations
APPROVED

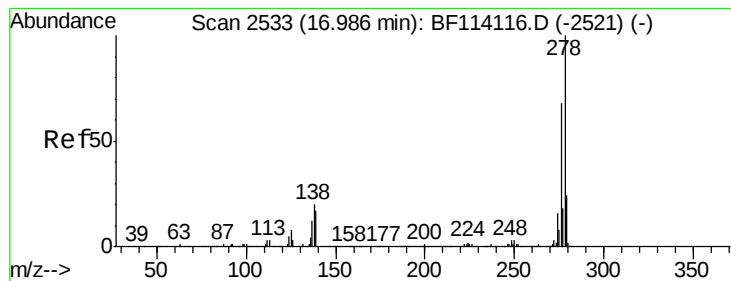
Sohil
5/13/2019 8:34:16 PM



#90
Benzo(a)pyrene
Concen: 60.837 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF114118.D
Acq: 10 May 2019 11:25

Tgt Ion: 252 Resp: 2376651
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 12.3 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 60.712 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:278 Resp: 1993307

Ion Ratio Lower Upper

278 100

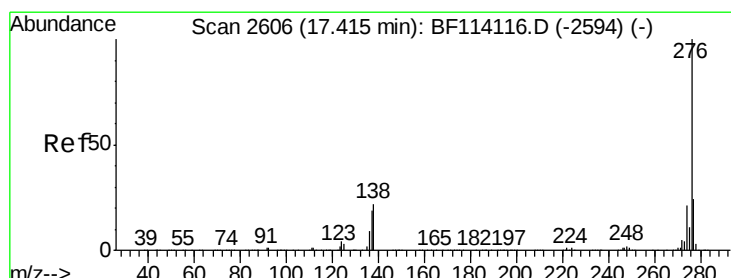
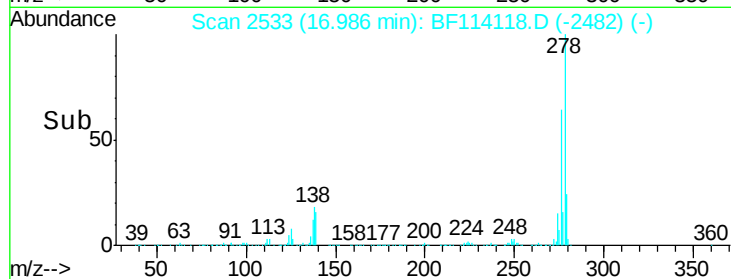
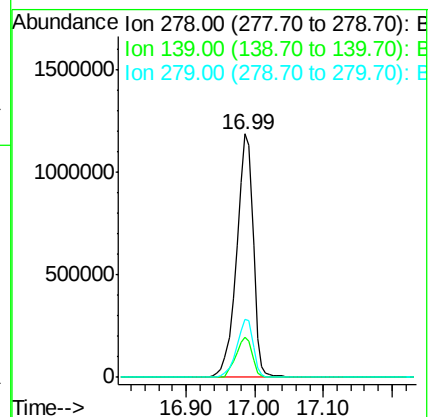
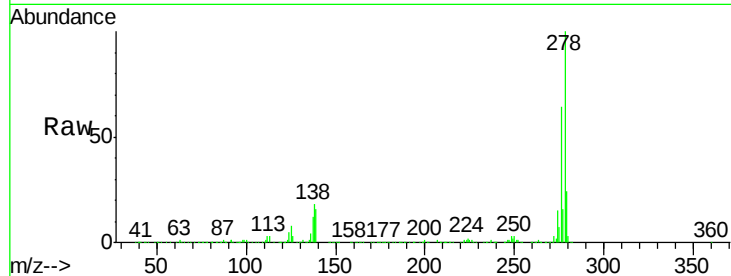
139 16.5 13.5 20.3

279 24.1 19.0 28.6

Manual Integrations
APPROVED

Sohil

5/13/2019 8:34:16 PM



#92

Benzo(g,h,i)perylene

Concen: 63.119 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BF114118.D

Acq: 10 May 2019 11:25

Tgt Ion:276 Resp: 2041918

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 21.7 17.8 26.6

