

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
 Data File : BF114117.D
 Acq On : 10 May 2019 10:59
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
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Sohil
 5/13/2019 8:34:14 PM

Quant Time: May 10 12:45:07 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	6.85	152	326811	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1239361	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	578372	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	819858	20.00	ng	0.00
76) Chrysene-d12	14.02	240	586826	20.00	ng	0.00
87) Perylene-d12	15.50	264	536153	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1804352	89.52	ng	0.00
7) Phenol-d6	6.49	99	2361788	93.29	ng	0.00
23) Nitrobenzene-d5	7.42	82	2193549	97.30	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	608689	83.62	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	3618582	99.75	ng	0.00
79) Terphenyl-d14	12.96	244	2780089	94.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	513810	48.220	ng	99
3) Pyridine	3.39	79	1388295	50.491	ng	99
4) n-Nitrosodimethylamine	3.35	42	683496	73.619	ng	100
6) Aniline	6.52	93	1723211	50.756	ng	98
8) 2-Chlorophenol	6.65	128	1092181	47.719	ng	95
9) Benzaldehyde	6.40	77	849686	61.136	ng	98
10) Phenol	6.50	94	1399228	47.424	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	1094976	47.805	ng	99
12) 1,3-Dichlorobenzene	6.80	146	1206378	47.841	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1200263	47.401	ng	97
14) 1,2-Dichlorobenzene	7.03	146	1100327	48.585	ng	99
15) Benzyl Alcohol	7.00	79	977097	51.669	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	2057912	89.237	ng	100
17) 2-Methylphenol	7.11	107	876348	50.865	ng	98
18) Hexachloroethane	7.37	117	447185	51.696	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	736569	48.049	ng	97
20) 3+4-Methylphenols	7.26	107	992306	46.992	ng	93
22) Acetophenone	7.26	105	1363968	46.845	ng	96
24) Nitrobenzene	7.44	77	1173465	49.129	ng	93
25) Isophorone	7.67	82	2031355	46.275	ng	99
26) 2-Nitrophenol	7.75	139	559452	45.704	ng	96
27) 2,4-Dimethylphenol	7.79	122	886941	53.491	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1340490	49.953	ng	100
29) 2,4-Dichlorophenol	7.99	162	858902	44.899	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	972805	45.180	ng	98
31) Naphthalene	8.16	128	2894081	48.231	ng	99
32) Benzoic acid	7.93	122	605666m	52.956	ng	
33) 4-Chloroaniline	8.20	127	1311426	53.505	ng	98
34) Hexachlorobutadiene	8.28	225	555521	41.942	ng	100
35) Caprolactam	8.59	113	297898m	52.779	ng	
36) 4-Chloro-3-methylphenol	8.69	107	959179	51.039	ng	99
37) 2-Methylnaphthalene	8.85	142	2051186	51.196	ng	97
38) 1-Methylnaphthalene	8.95	142	1944220	50.161	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	942896	52.201	ng	100

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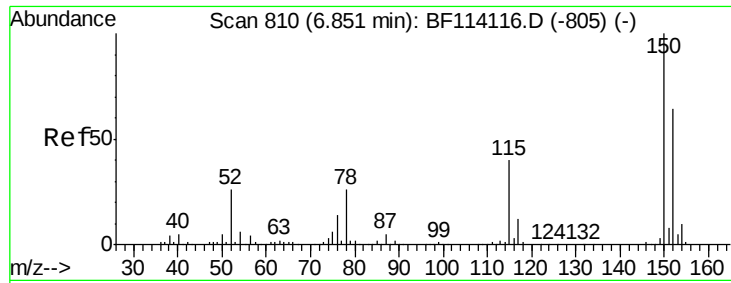
Manual Integrations
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 5/13/2019 8:34:14 PM

Quant Time: May 10 12:45:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
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 QLast Update : Fri May 10 11:41:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	426485	57.505	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	645164	55.597	ng	99
44) 2,4,5-Trichlorophenol	9.17	196	639465	50.092	ng	97
46) 1,1'-Biphenyl	9.31	154	2295960	53.295	ng	99
47) 2-Chloronaphthalene	9.34	162	1852246	52.761	ng	99
48) 2-Nitroaniline	9.43	65	669874	68.679	ng	98
49) Acenaphthylene	9.75	152	2873025	51.903	ng	99
50) Dimethylphthalate	9.62	163	2088224	49.986	ng	99
51) 2,6-Dinitrotoluene	9.67	165	487069	51.444	ng	# 83
52) Acenaphthene	9.93	154	1690525m	52.663	ng	
53) 3-Nitroaniline	9.85	138	603957	60.902	ng	94
54) 2,4-Dinitrophenol	9.95	184	221353	51.833	ng	99
55) Dibenzofuran	10.10	168	2532993	50.175	ng	97
56) 4-Nitrophenol	10.00	139	417172	55.393	ng	93
57) 2,4-Dinitrotoluene	10.07	165	635157	49.483	ng	92
58) Fluorene	10.44	166	1857975	48.049	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	533118	47.012	ng	99
60) Diethylphthalate	10.31	149	2079021	50.681	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	915659	45.751	ng	98
62) 4-Nitroaniline	10.46	138	604314	58.944	ng	99
63) Azobenzene	10.59	77	2139953	54.424	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	315381	68.033	ng	84
66) n-Nitrosodiphenylamine	10.55	169	1841611	71.954	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	626689	61.549	ng	97
68) Hexachlorobenzene	10.99	284	688713	61.612	ng	# 91
69) Atrazine	11.07	200	525573	61.226	ng	99
70) Pentachlorophenol	11.18	266	279220	46.989	ng	98
71) Phenanthrene	11.40	178	2087953	50.349	ng	99
72) Anthracene	11.45	178	2081520	49.710	ng	100
73) Carbazole	11.60	167	1959112	53.012	ng	100
74) Di-n-butylphthalate	11.93	149	2324481	51.539	ng	99
75) Fluoranthene	12.59	202	2197963	49.942	ng	99
77) Benzidine	12.70	184	1273431	75.384	ng	99
78) Pyrene	12.82	202	2233649	54.705	ng	99
80) Butylbenzylphthalate	13.43	149	1006969	57.172	ng	99
81) Benzo(a)anthracene	14.01	228	1920134	50.510	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	762300	54.747	ng	98
83) Chrysene	14.05	228	1872888	50.538	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1325979	53.862	ng	# 98
85) Di-n-octyl phthalate	14.63	149	2194266	53.785	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1677252	49.100	ng	99
88) Benzo(b)fluoranthene	15.08	252	1734375	52.063	ng	99
89) Benzo(k)fluoranthene	15.11	252	1730341	58.861	ng	99
90) Benzo(a)pyrene	15.44	252	1535111	52.414	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	1406446	57.138	ng	98
92) Benzo(g,h,i)perylene	17.42	276	1757089	72.447	ng	99

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



#1

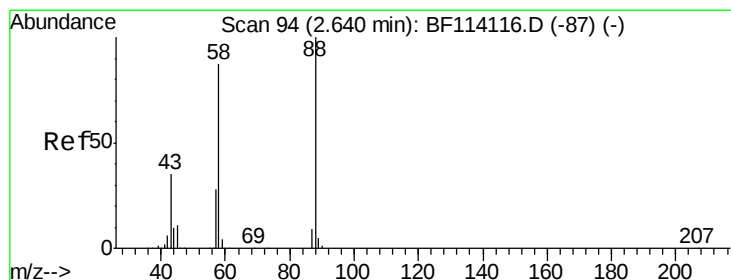
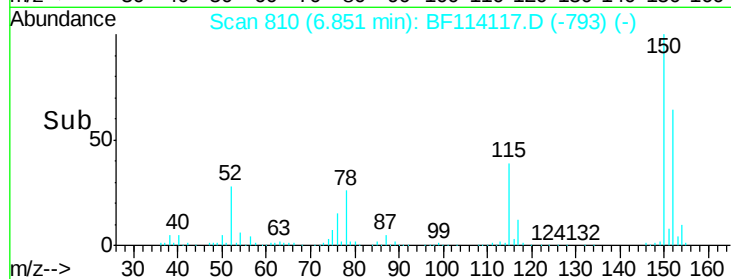
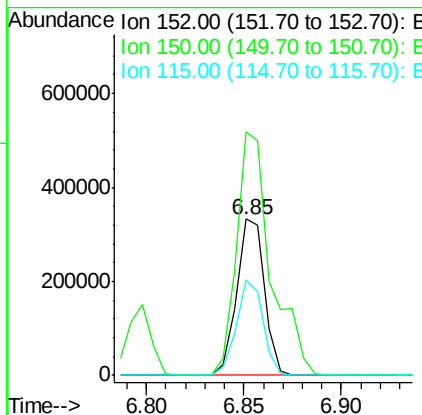
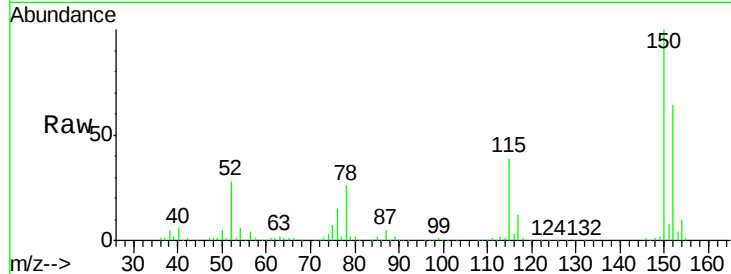
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.3	186.5
115	60.6	49.1	73.7

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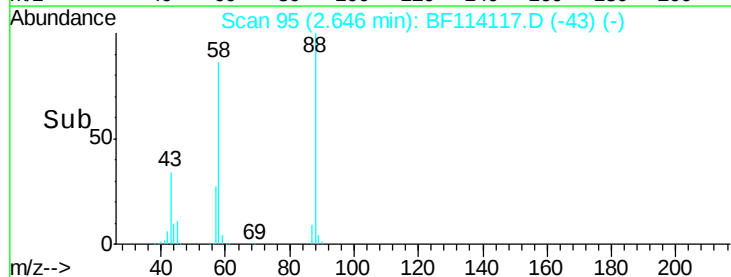
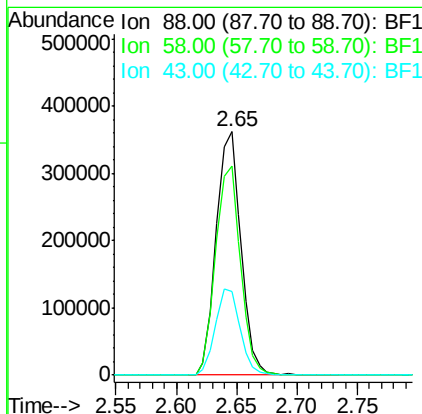
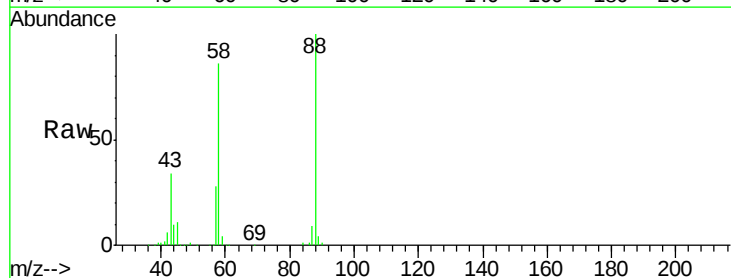
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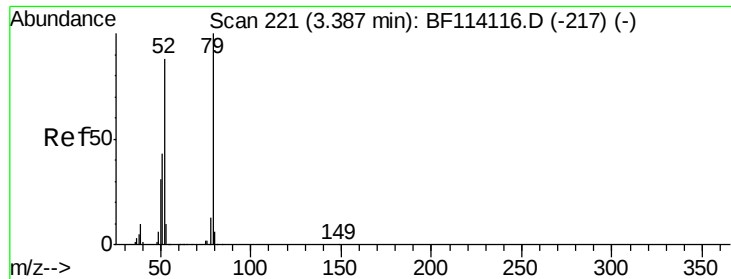


#2

1,4-Dioxane
Concen: 48.220 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.4	68.7	103.1
43	35.5	28.2	42.2





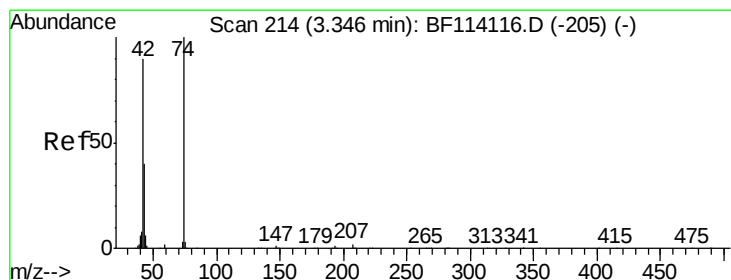
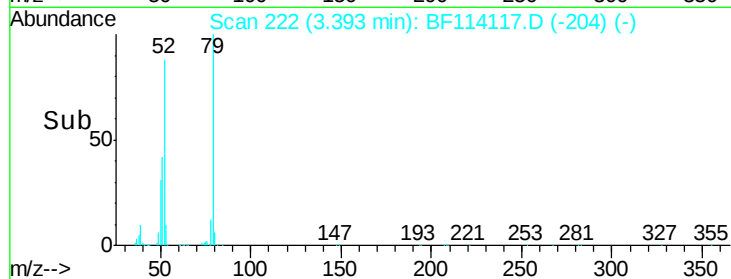
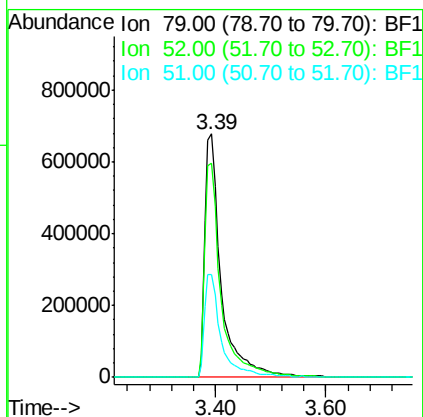
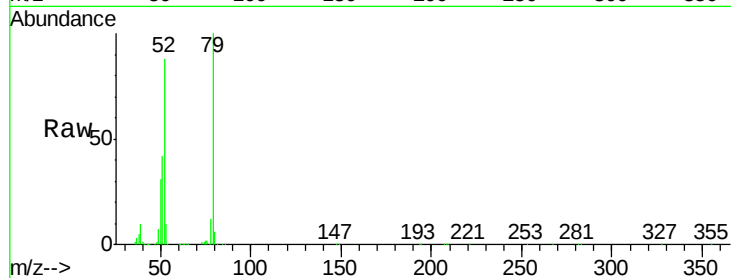
#3
 Pyridine
 Concen: 50.491 ng
 RT: 3.39 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 79 Resp: 1388295
 Ion Ratio Lower Upper
 79 100
 52 87.8 70.6 105.8
 51 42.1 34.2 51.2

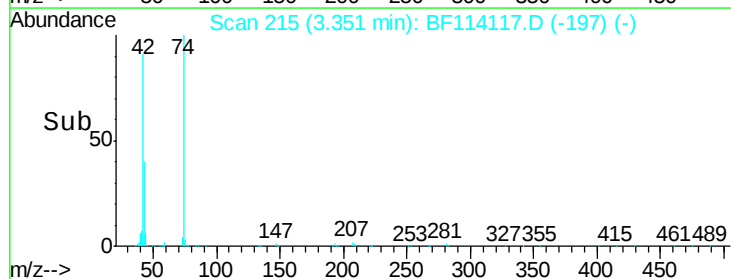
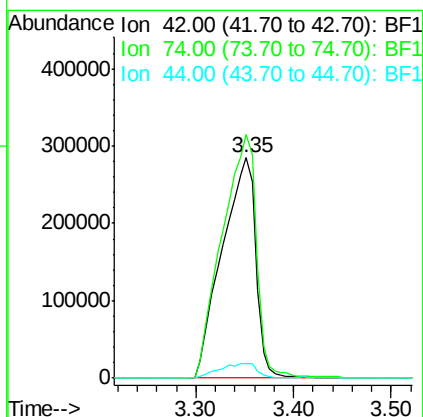
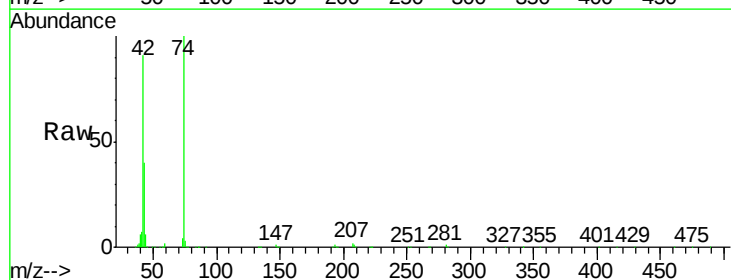
Manual Integrations
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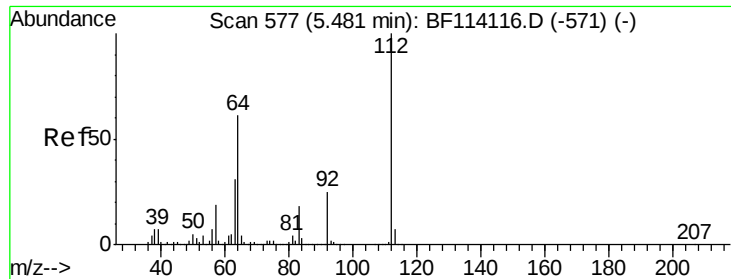
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#4
 n-Nitrosodimethylamine
 Concen: 73.619 ng
 RT: 3.35 min Scan# 215
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion: 42 Resp: 683496
 Ion Ratio Lower Upper
 42 100
 74 110.5 88.6 132.8
 44 6.7 5.5 8.3





#5

2-Fluorophenol

Concen: 89.525 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

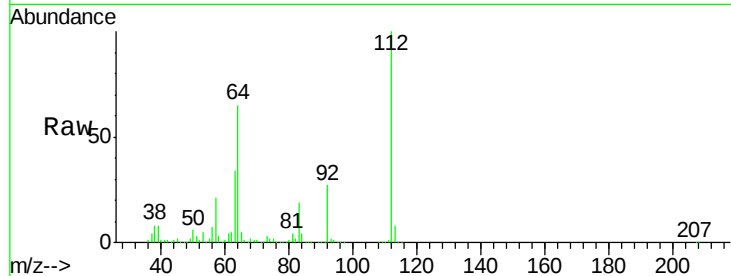
ClientSampleId :

SSTDIC050

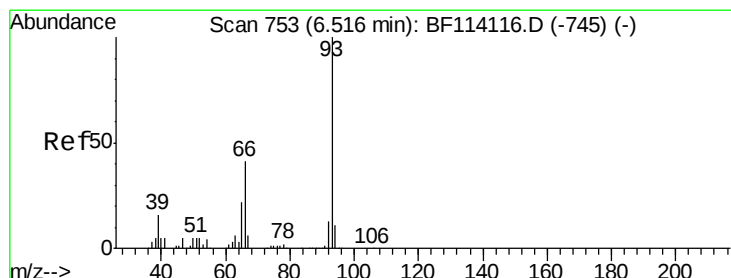
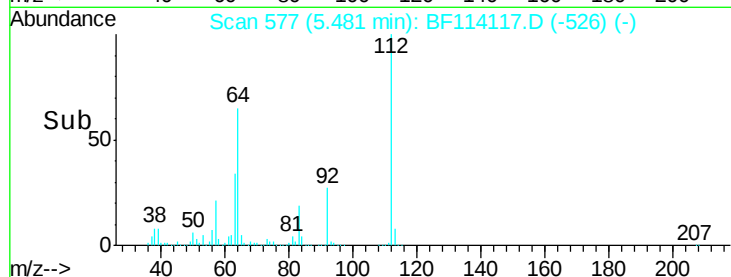
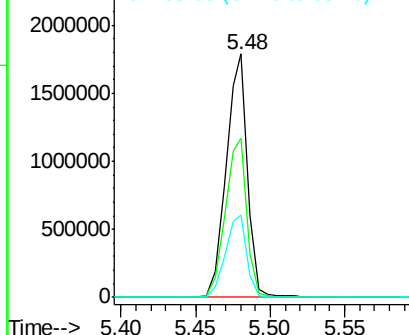
Tgt Ion:	112	Resp:	1804352
Ion Ratio	Lower	Upper	
112	100		
64	65.4	49.0	73.6
63	33.7	24.6	37.0

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 50.756 ng

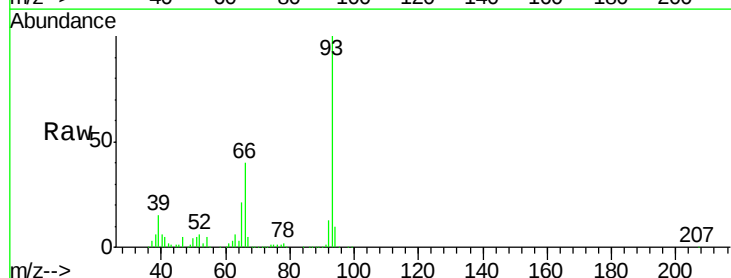
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

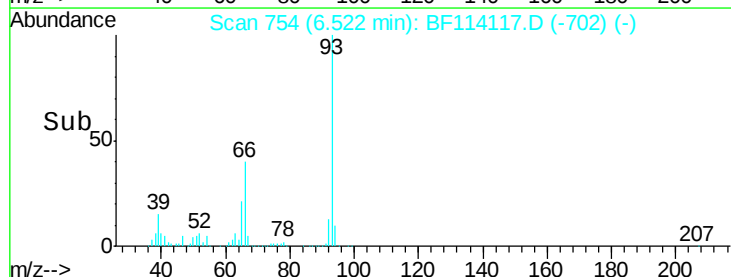
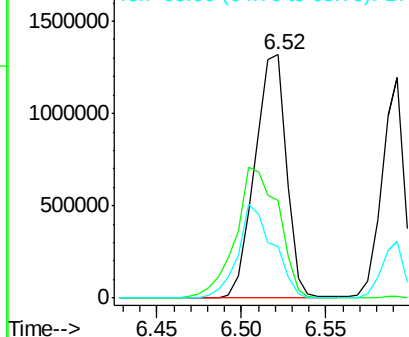
Lab File: BF114117.D

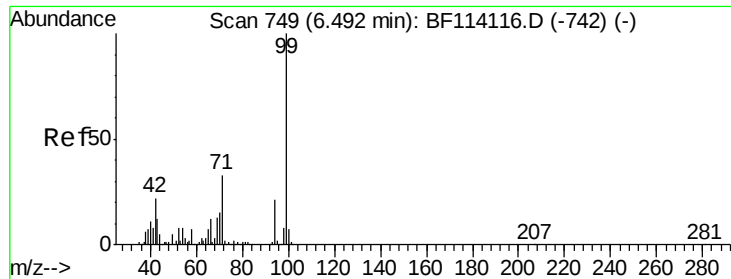
Acq: 10 May 2019 10:59

Tgt Ion:	93	Resp:	1723211
Ion Ratio	Lower	Upper	
93	100		
66	40.3	33.2	49.8
65	21.2	17.6	26.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 93.292 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion: 99 Resp: 2361788

Ion Ratio Lower Upper

99 100

42 23.6 17.9 26.9

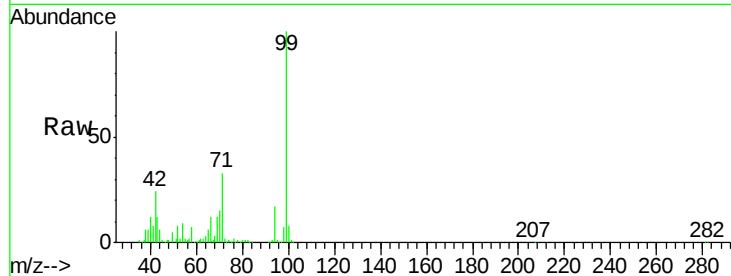
71 33.4 26.2 39.2

Manual Integrations

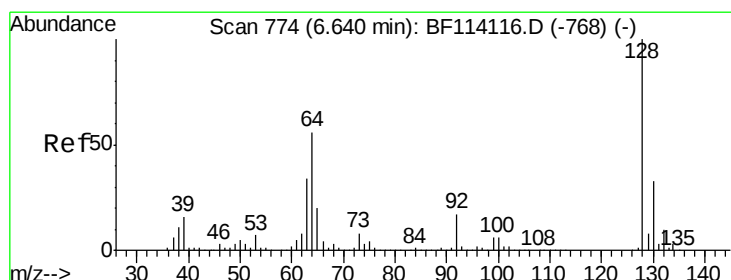
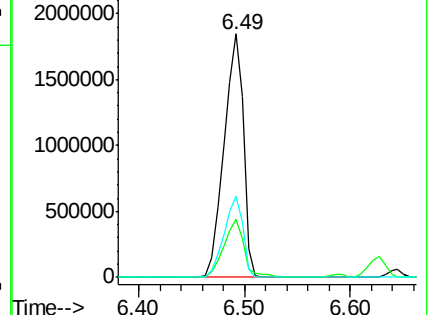
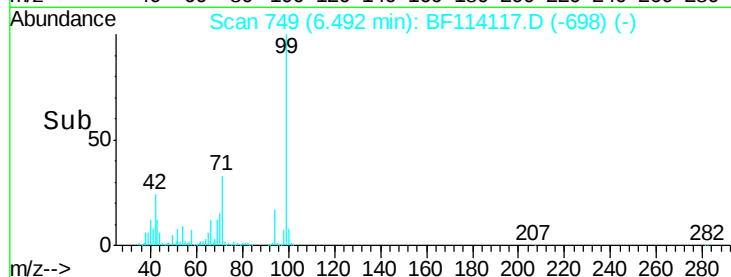
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.719 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

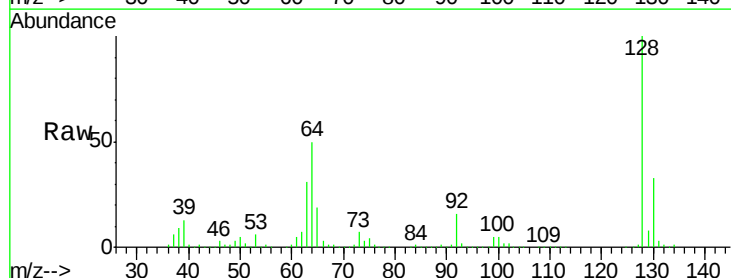
Tgt Ion: 128 Resp: 1092181

Ion Ratio Lower Upper

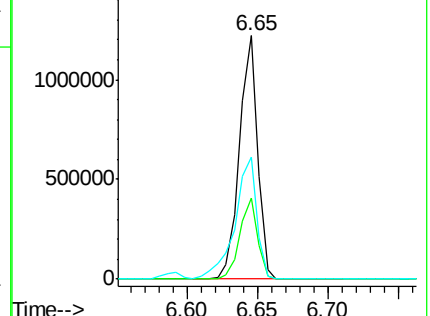
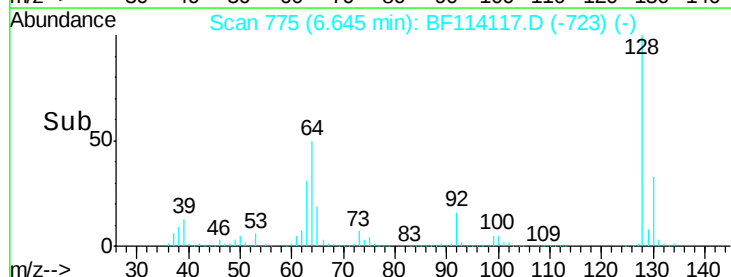
128 100

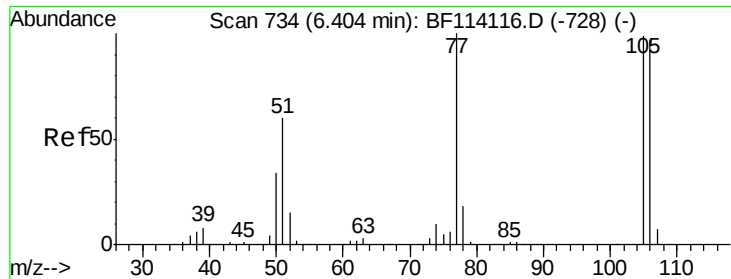
130 33.2 12.6 52.6

64 50.2 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





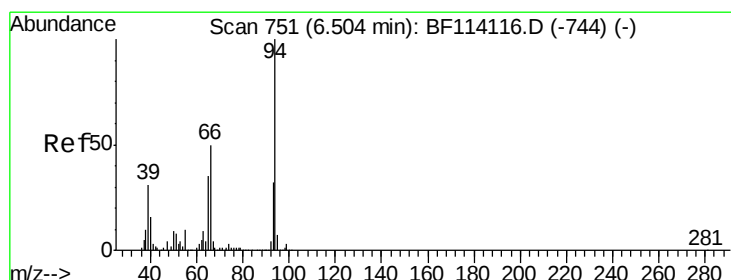
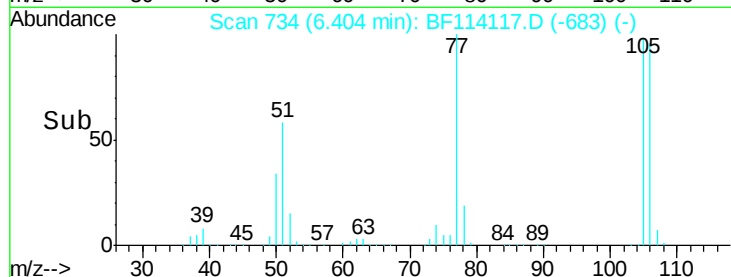
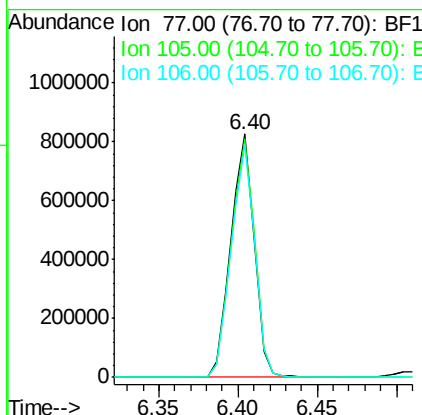
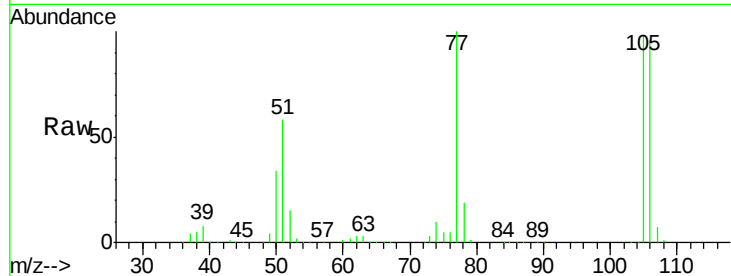
#9
Benzaldehyde
Concen: 61.136 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.8	79.3	119.3
106	95.5	77.0	117.0

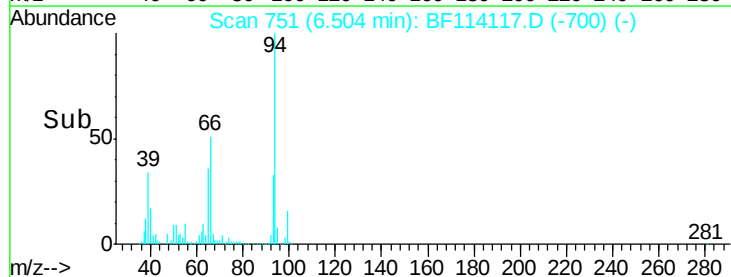
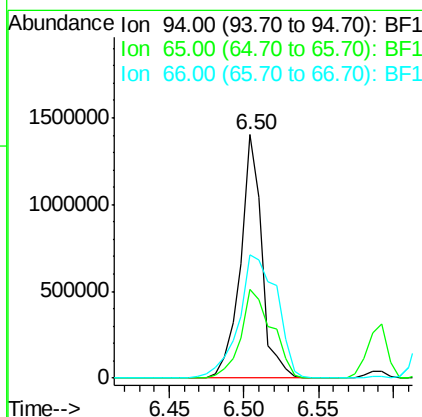
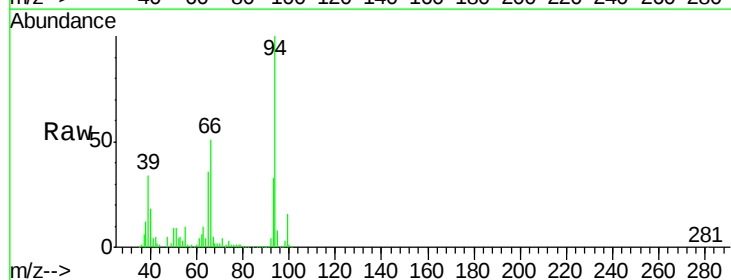
Manual Integrations
APPROVED

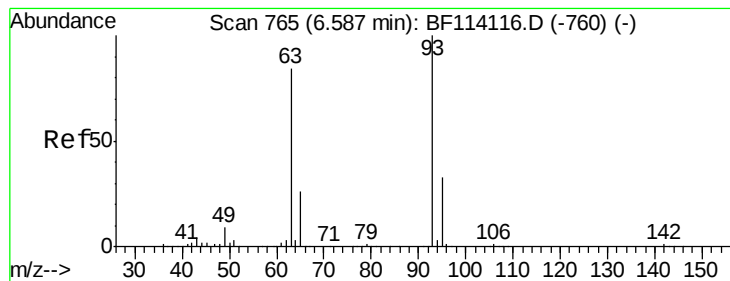
Sohil
5/13/2019 8:34:14 PM



#10
Phenol
Concen: 47.424 ng
RT: 6.50 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.4	14.7	54.7
66	50.8	29.6	69.6





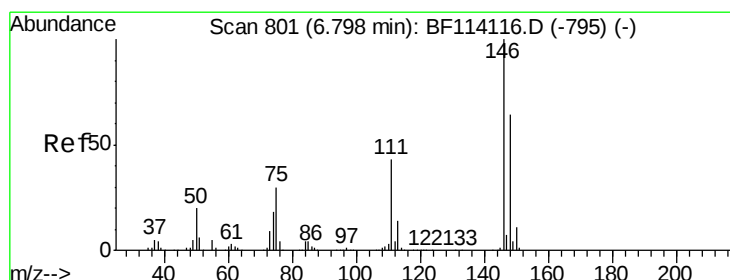
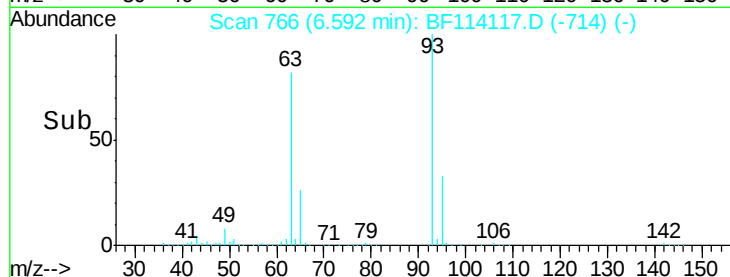
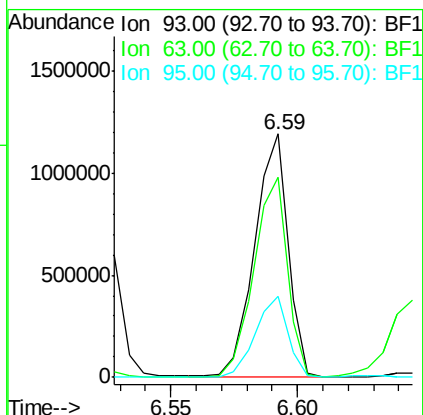
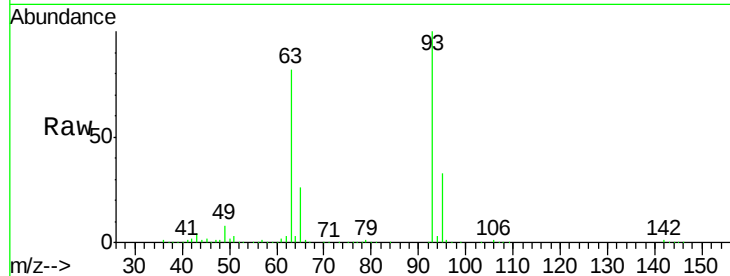
#11
bis(2-Chloroethyl)ether
Concen: 47.805 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 93 Resp: 1094976
Ion Ratio Lower Upper
93 100
63 82.1 63.6 103.6
95 33.2 13.1 53.1

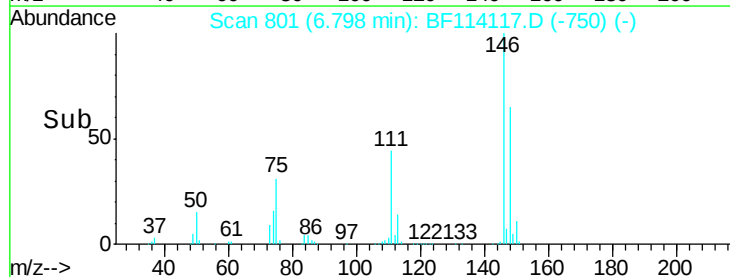
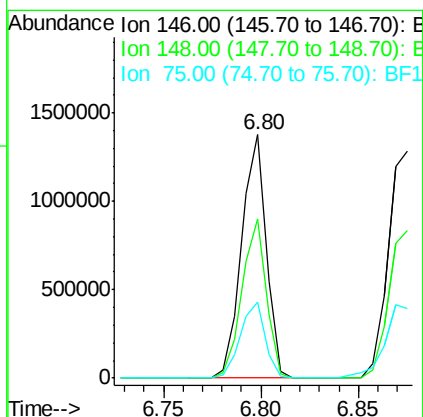
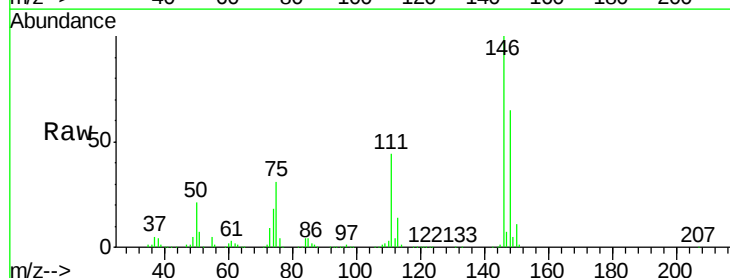
Manual Integrations
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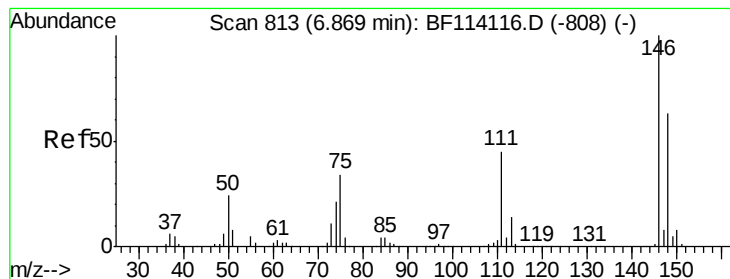
Sohil
5/13/2019 8:34:14 PM



#12
1,3-Dichlorobenzene
Concen: 47.841 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion: 146 Resp: 1206378
Ion Ratio Lower Upper
146 100
148 65.4 51.6 77.4
75 31.4 24.2 36.2





#13

1,4-Dichlorobenzene

Concen: 47.401 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:146 Resp: 1200263

Ion Ratio Lower Upper

146 100

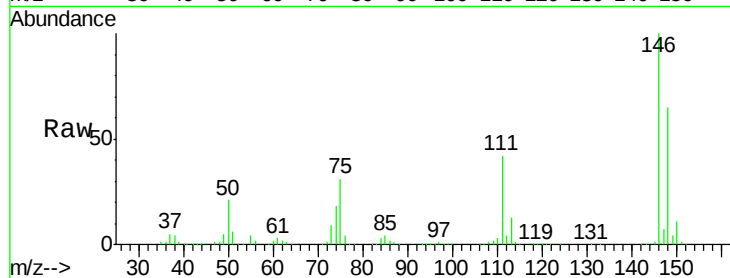
148 64.8 50.2 75.2

111 42.1 35.8 53.6

Manual Integrations
APPROVED

Sohil

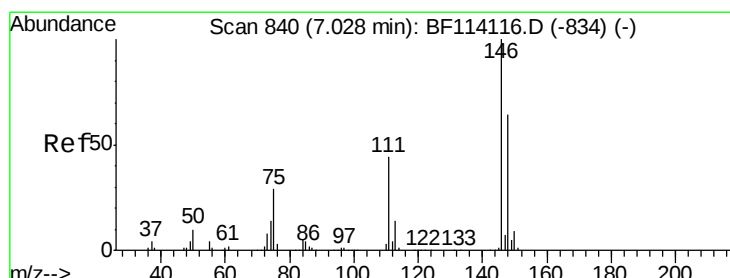
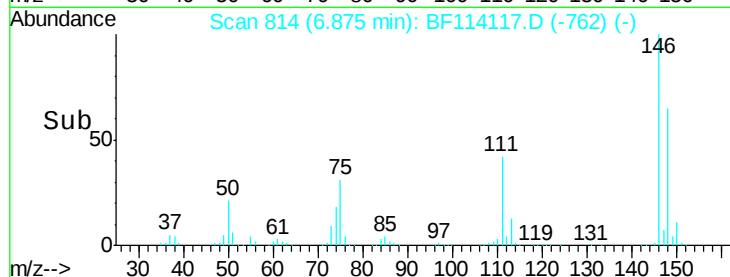
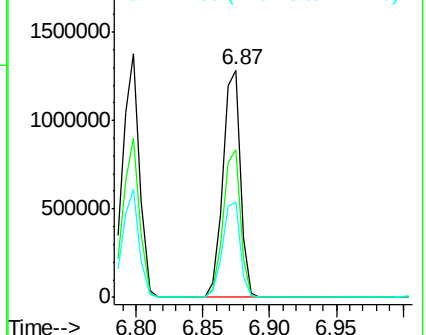
5/13/2019 8:34:14 PM



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 48.585 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

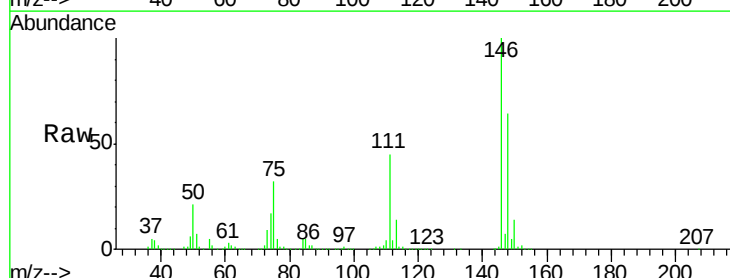
Tgt Ion:146 Resp: 1100327

Ion Ratio Lower Upper

146 100

148 64.4 51.1 76.7

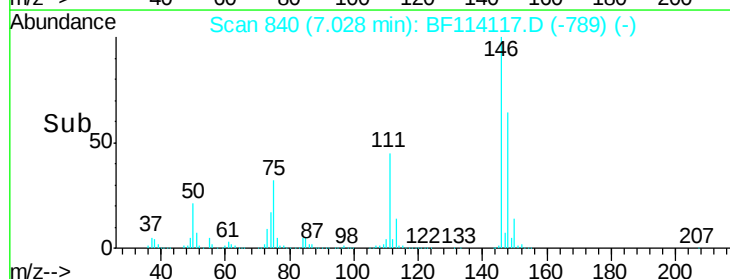
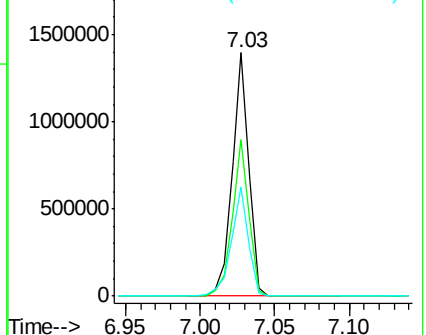
111 45.0 35.3 52.9

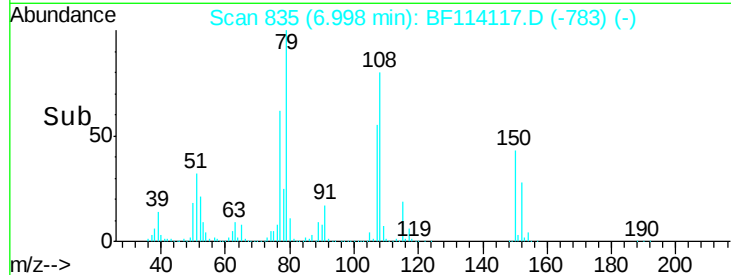
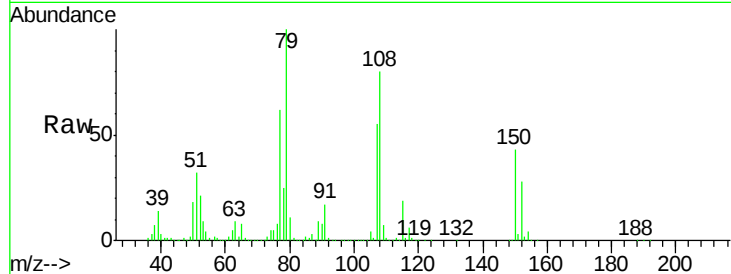
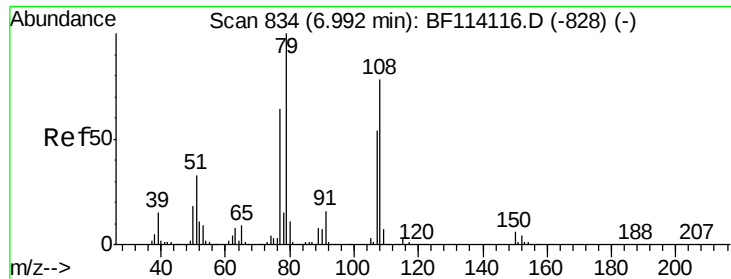


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





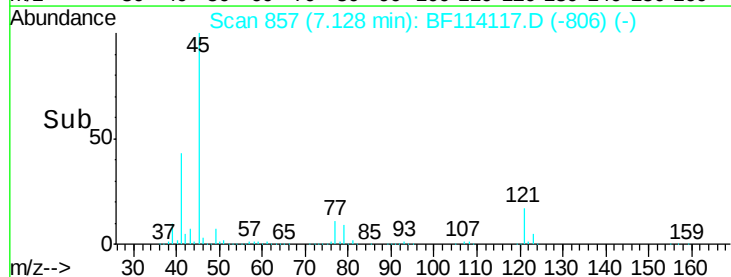
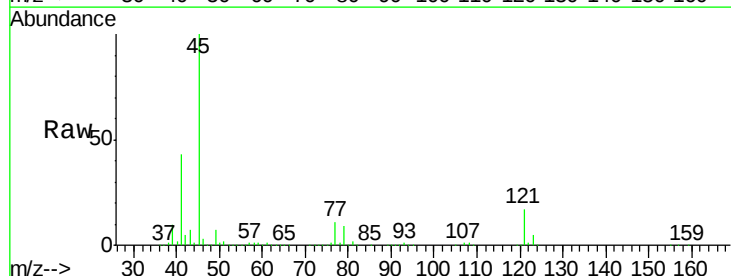
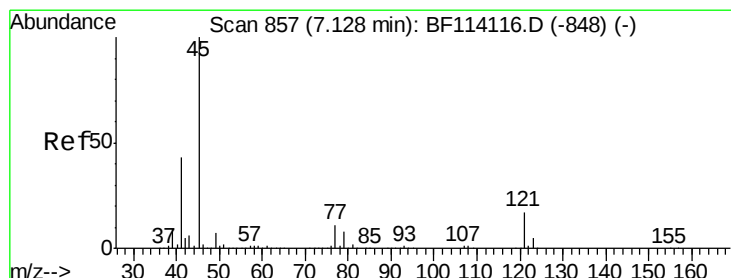
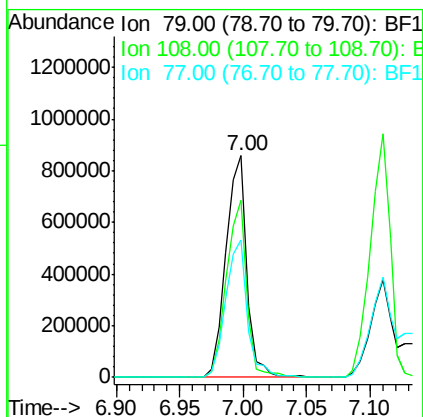
#15
Benzyl Alcohol
Concen: 51.669 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
79	100		
108	79.6	62.1	93.1
77	62.0	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

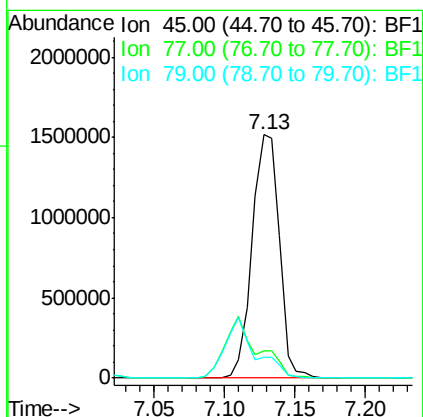
Manual Integrations
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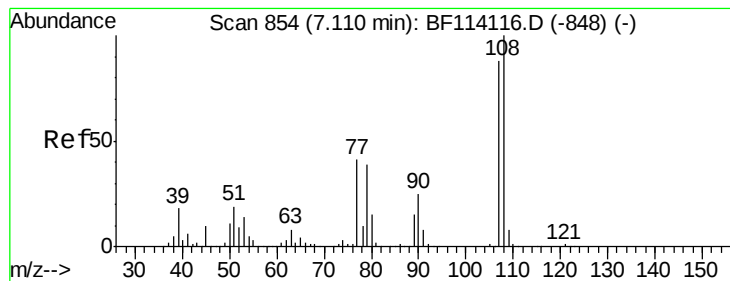
Sohil
5/13/2019 8:34:14 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 89.237 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	31.1
79	8.6	0.0	28.4





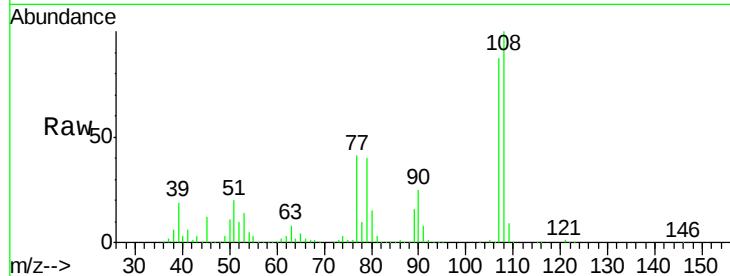
#17
2-Methylphenol
Concen: 50.865 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

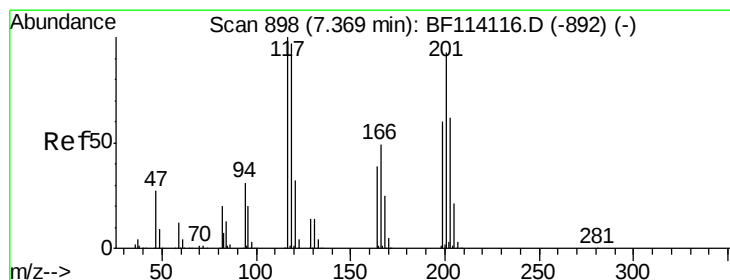
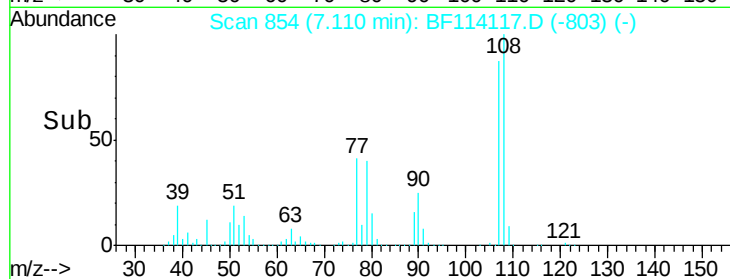
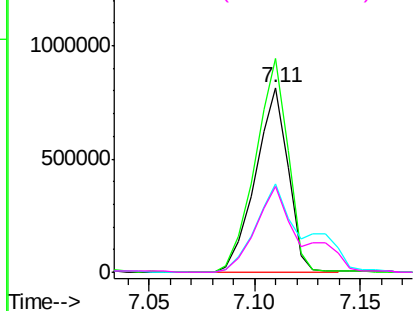
Tgt Ion:	107	Resp:	876348
Ion Ratio	Lower	Upper	
107	100		
108	115.5	90.5	135.7
77	47.5	37.0	55.4
79	46.3	35.8	53.8

Manual Integrations
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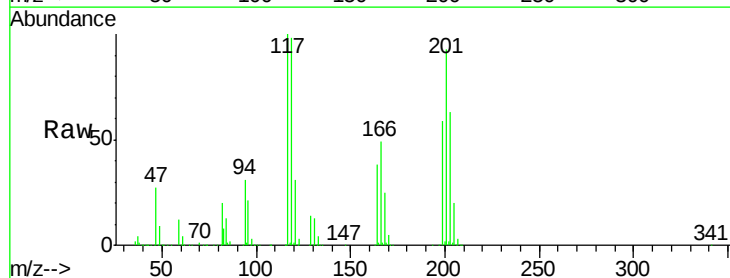


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

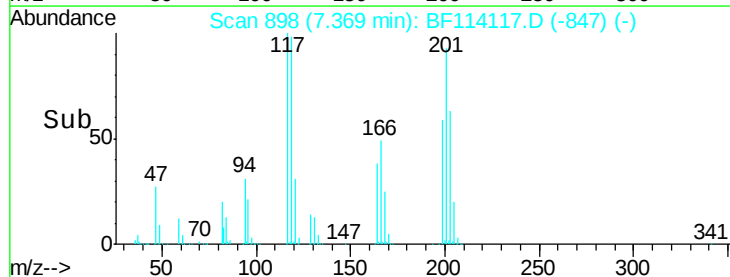
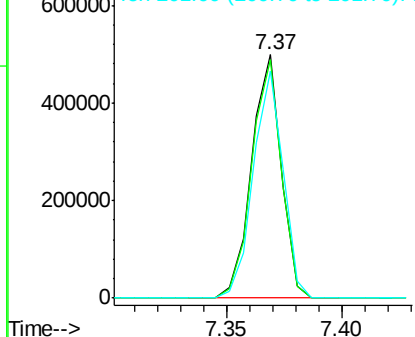


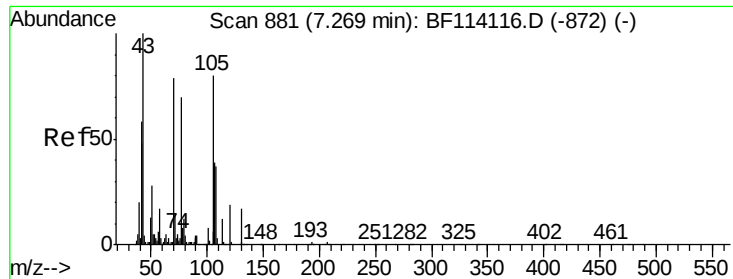
#18
Hexachloroethane
Concen: 51.696 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:	117	Resp:	447185
Ion Ratio	Lower	Upper	
117	100		
119	98.1	77.4	116.2
201	93.4	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





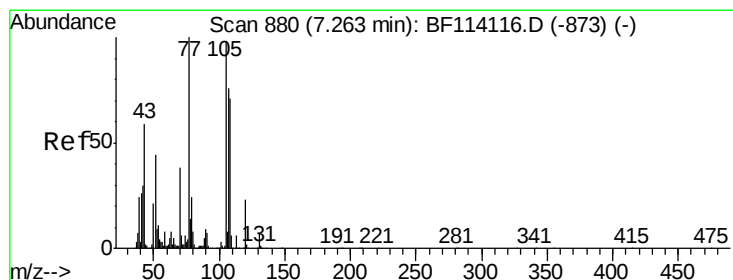
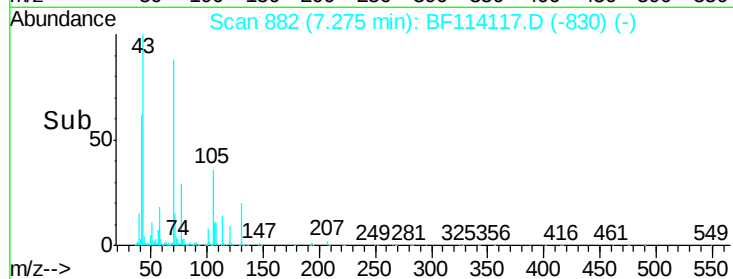
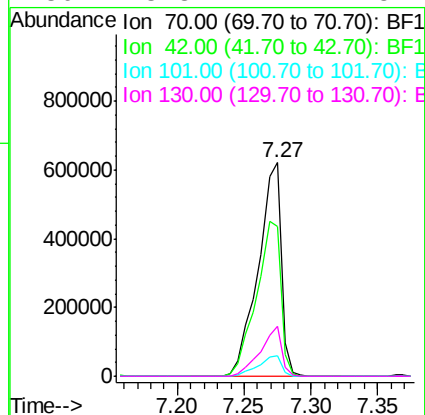
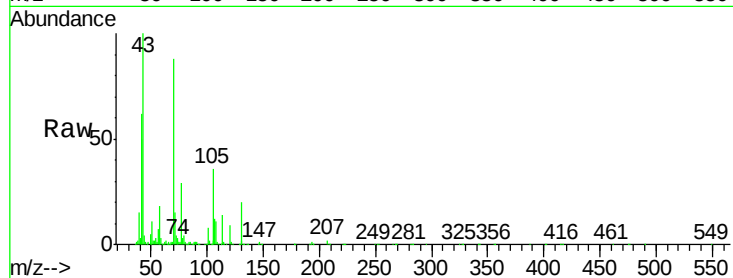
#19
n-Nitroso-di-n-propylamine
Concen: 48.049 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	736569		
42	70.2	58.6	87.8	
101	9.7	7.8	11.8	
130	23.3	17.1	25.7	

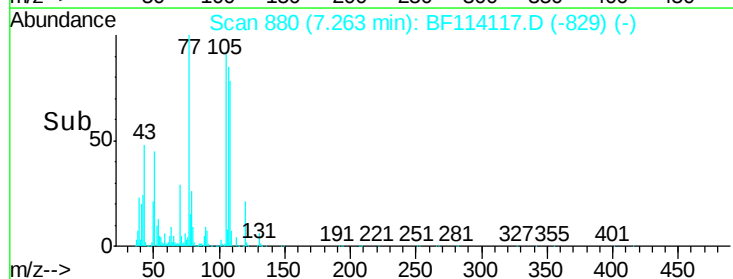
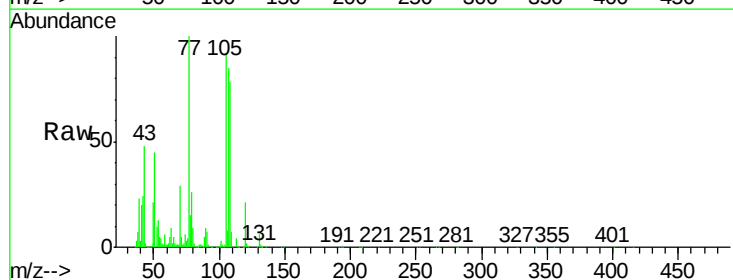
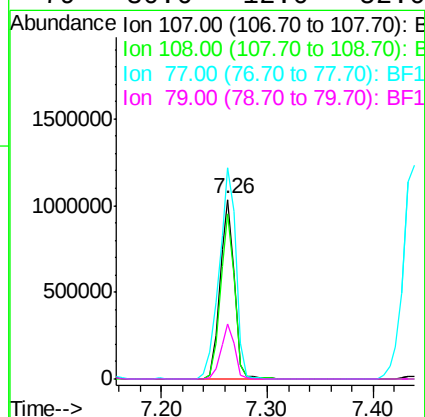
Manual Integrations
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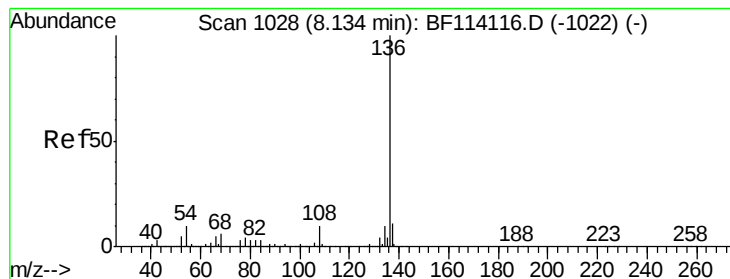
Sohil
5/13/2019 8:34:14 PM



#20
3+4-Methylphenols
Concen: 46.992 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	992306		
108	92.2	73.8	113.8	
77	117.6	111.5	151.5	
79	30.6	12.0	52.0	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

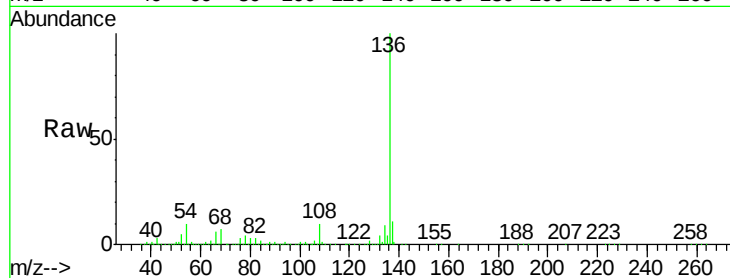
ClientSampleId :

SSTDIC050

Tgt	Ion	Ratio	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	10.0	7.8	11.8	
68	6.5	5.1	7.7	

Manual Integrations
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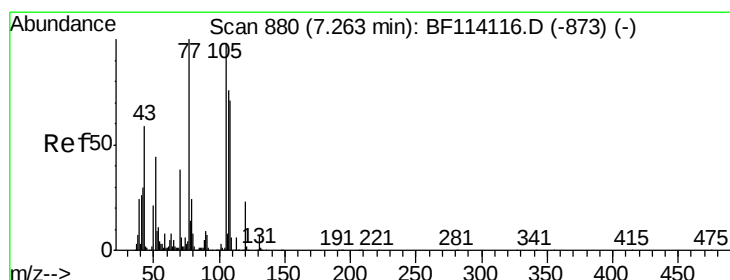
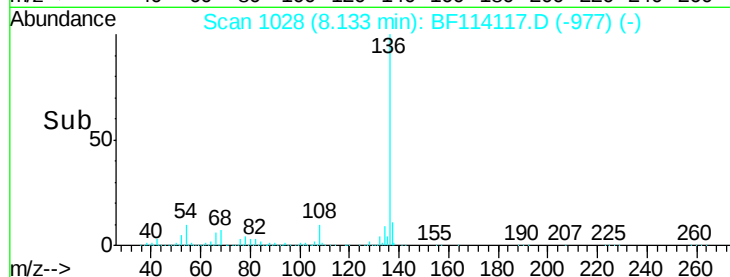
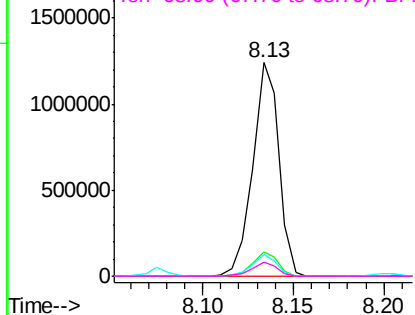


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.845 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

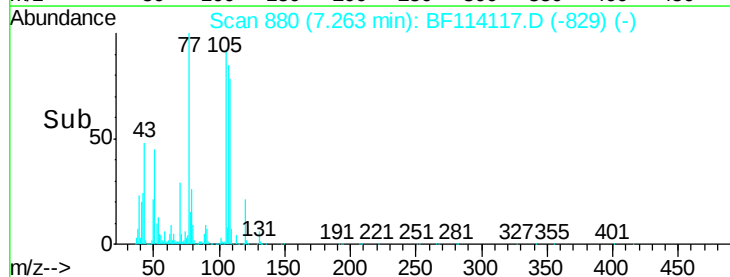
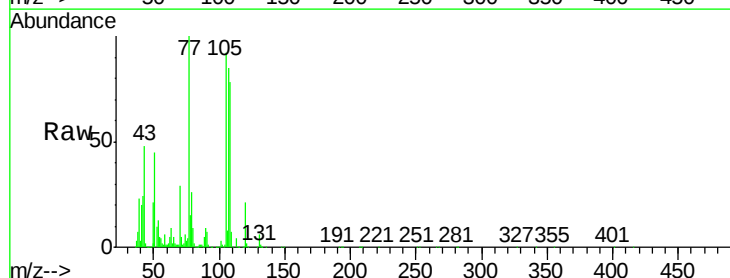
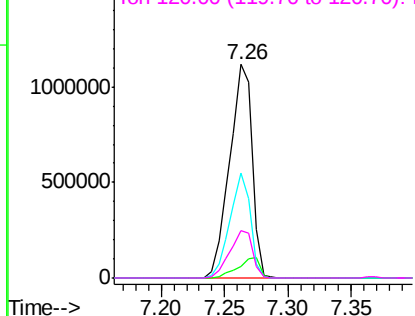
Tgt	Ion	Ratio	Lower	Upper
105	100			
71	5.5	5.3	7.9	
51	49.0	36.2	54.4	
120	22.4	18.6	28.0	

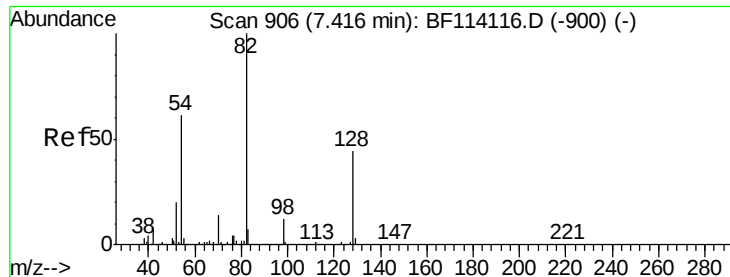
Abundance Ion 105.00 (104.70 to 105.70): E

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





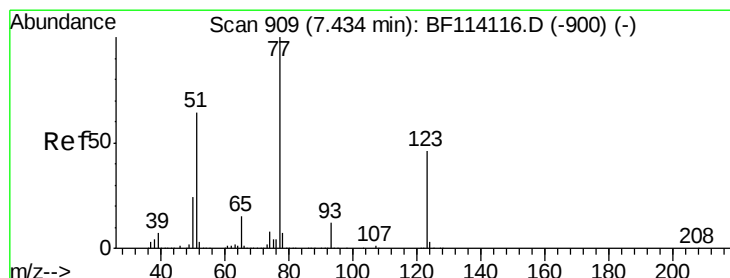
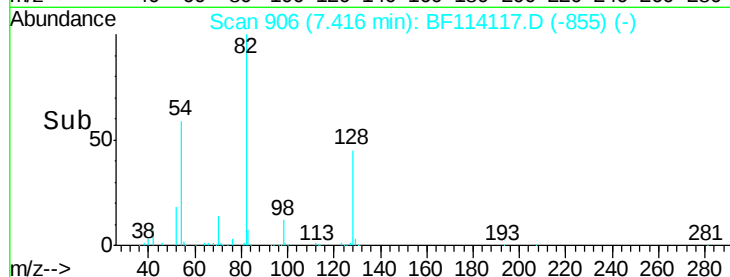
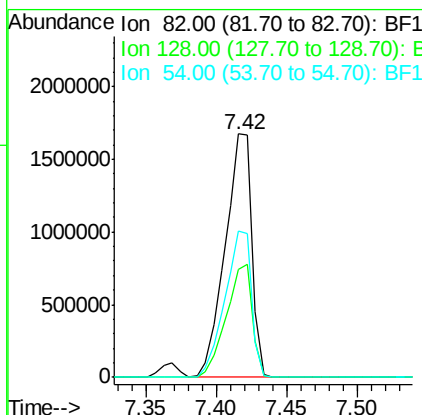
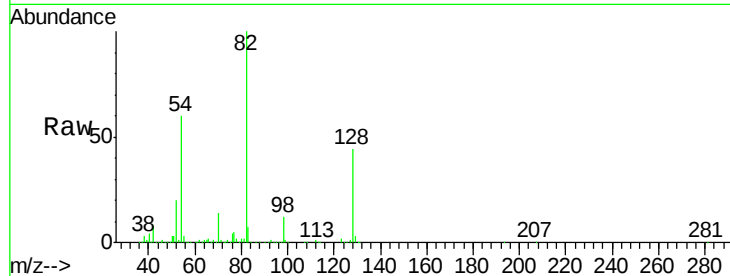
#23
Nitrobenzene-d5
Concen: 97.303 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 82 Resp: 2193549
Ion Ratio Lower Upper
82 100
128 44.5 35.5 53.3
54 60.2 48.5 72.7

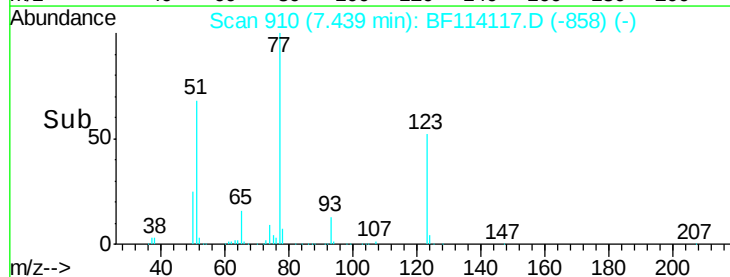
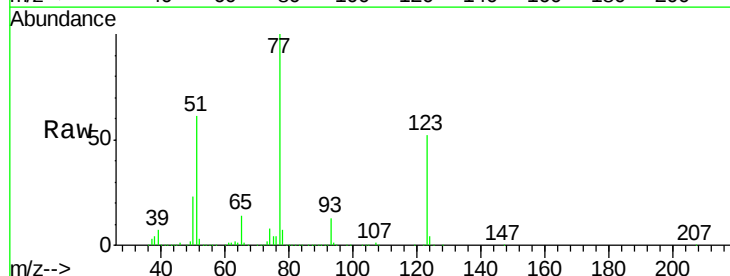
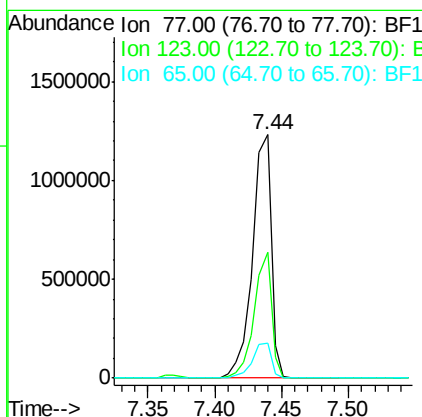
Manual Integrations
APPROVED

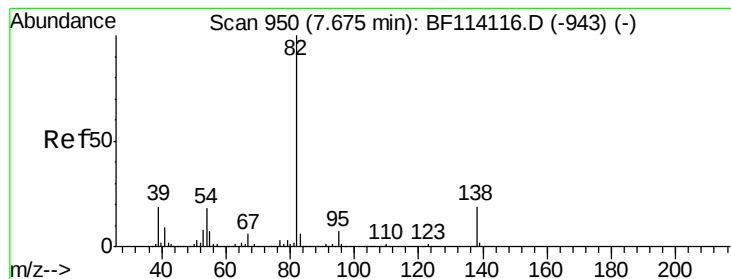
Sohil
5/13/2019 8:34:14 PM



#24
Nitrobenzene
Concen: 49.129 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion: 77 Resp: 1173465
Ion Ratio Lower Upper
77 100
123 51.6 36.9 55.3
65 14.1 11.8 17.6





#25

Isophorone

Concen: 46.275 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 82 Resp: 2031355

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

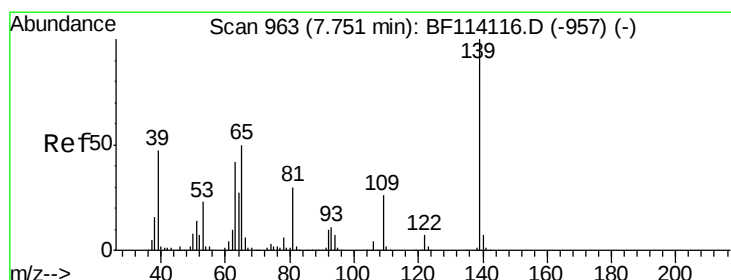
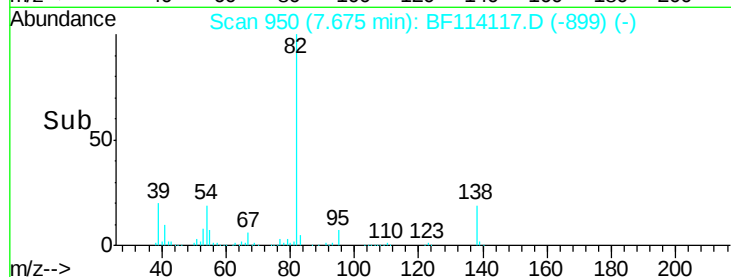
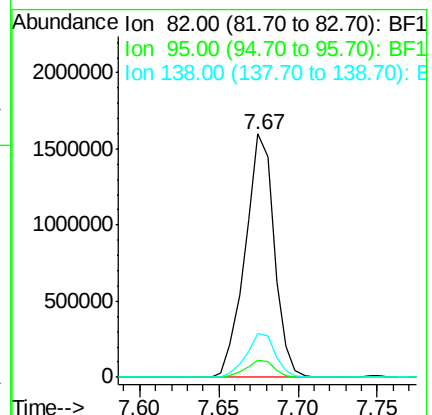
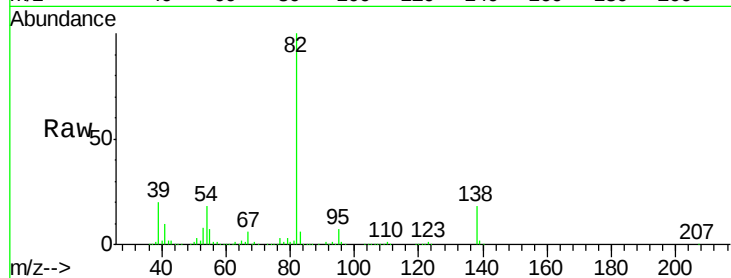
138 18.1 14.8 22.2

Manual Integrations

APPROVED

Sohil

5/13/2019 8:34:14 PM



#26

2-Nitrophenol

Concen: 45.704 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

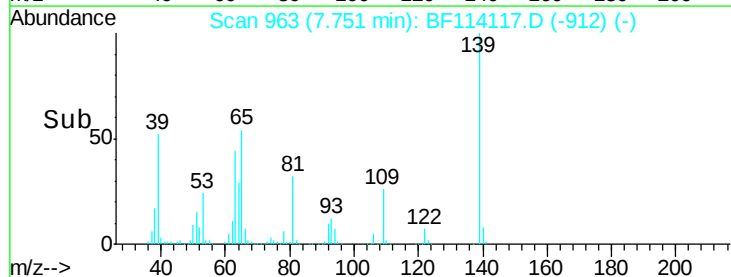
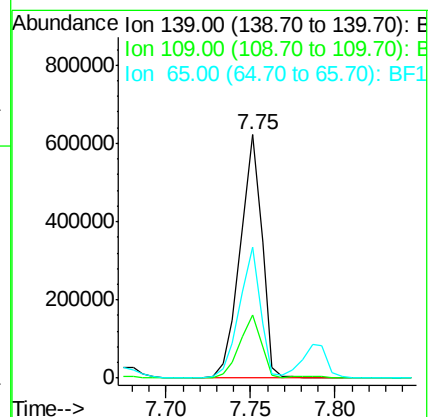
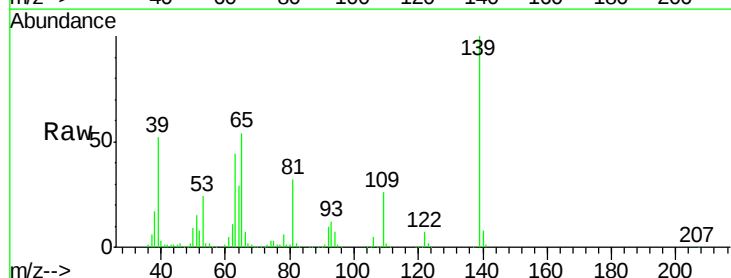
Tgt Ion: 139 Resp: 559452

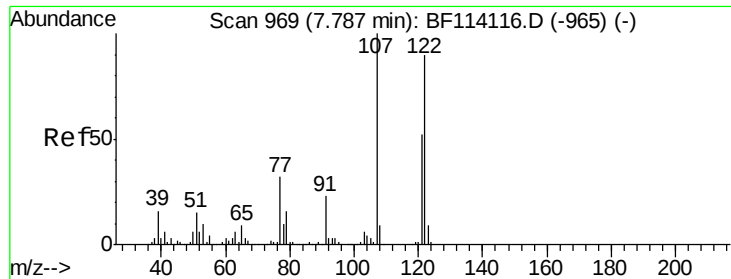
Ion Ratio Lower Upper

139 100

109 26.1 20.7 31.1

65 53.7 40.2 60.2





#27

2,4-Dimethylphenol

Concen: 53.491 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114117.D

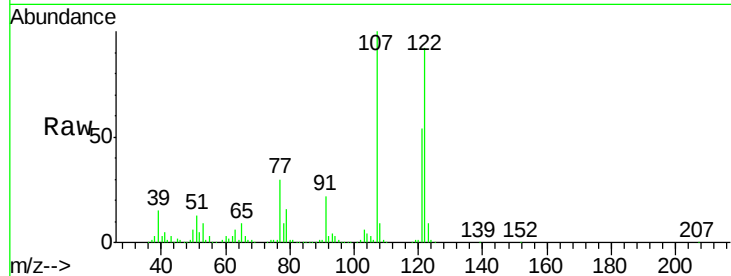
Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

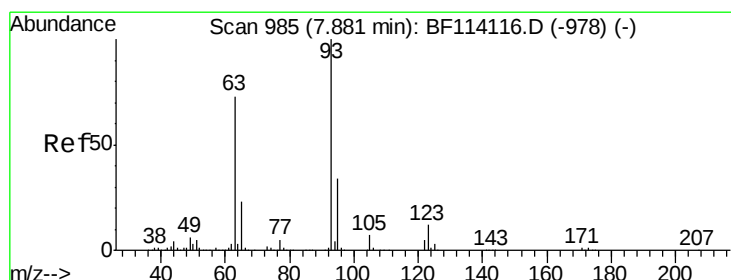
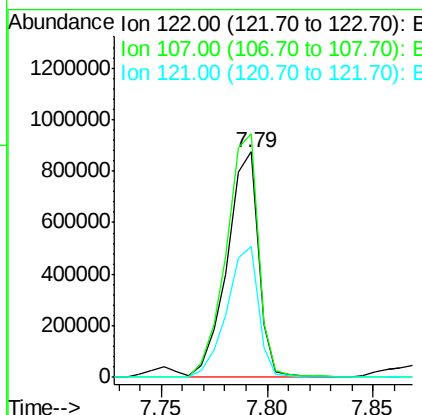
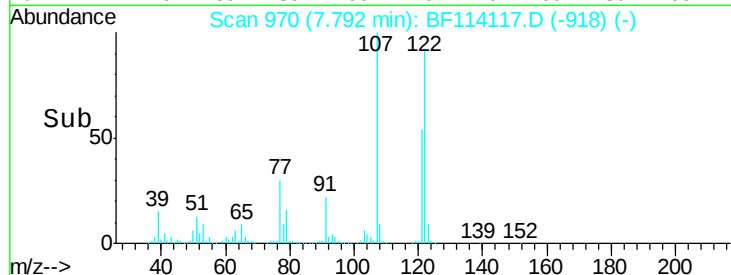
SSTDIC050



Tgt Ion:	122	Resp:	886941
Ion Ratio	Lower	Upper	
122	100		
107	108.2	88.4	132.6
121	58.0	45.9	68.9

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 49.953 ng

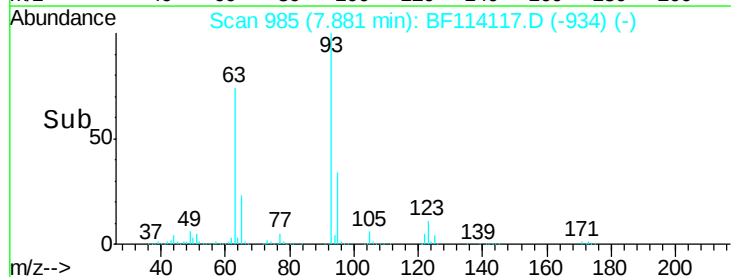
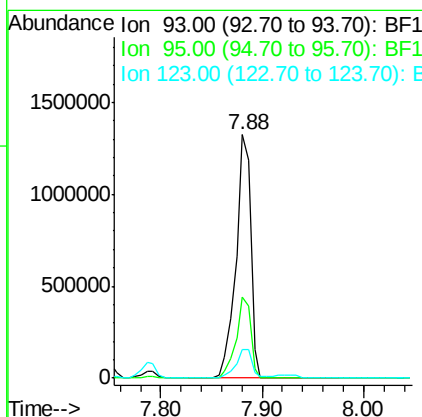
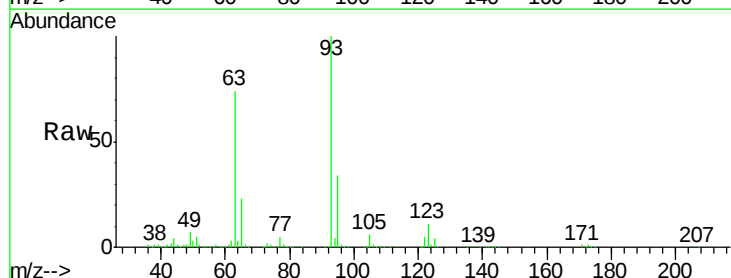
RT: 7.88 min Scan# 985

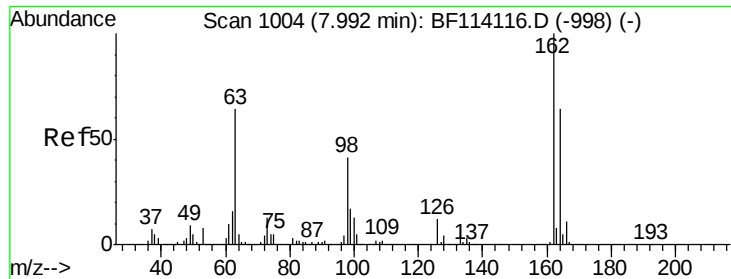
Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Tgt Ion:	93	Resp:	1340490
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.8	40.2
123	11.5	9.5	14.3





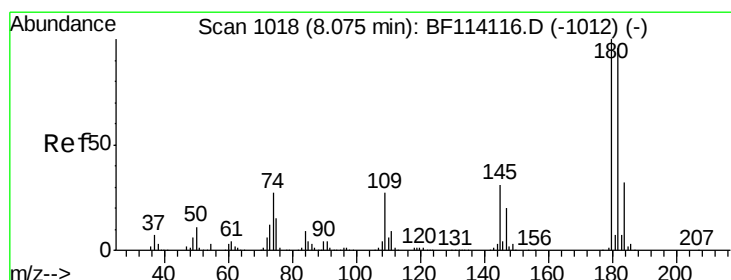
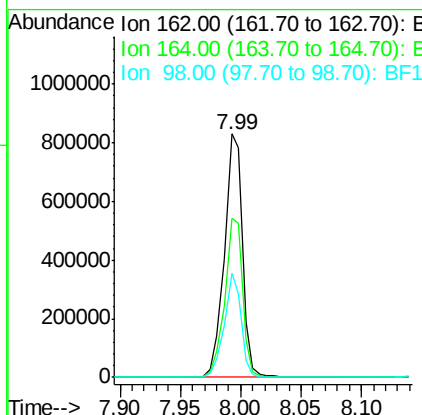
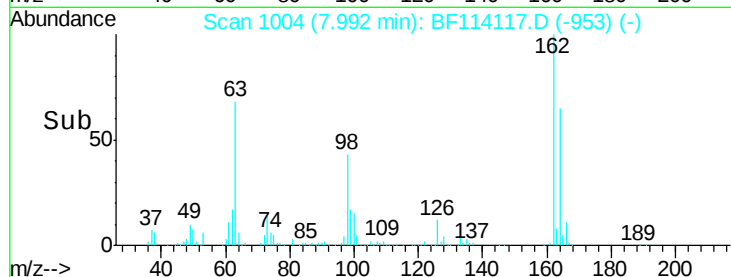
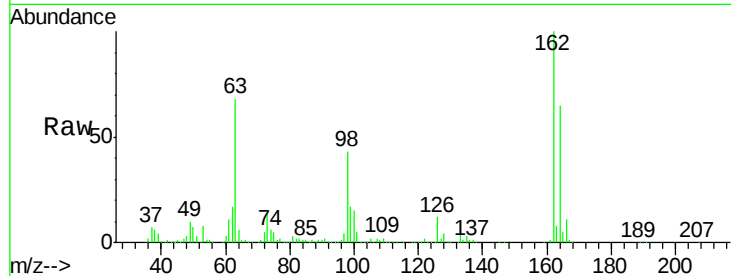
#29
2,4-Dichlorophenol
Concen: 44.899 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampled :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	858902		
164	65.3	43.6	83.6	
98	42.9	20.6	60.6	

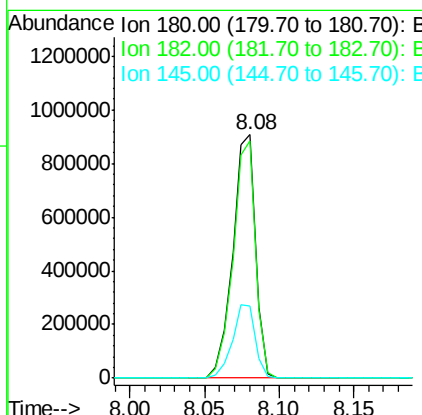
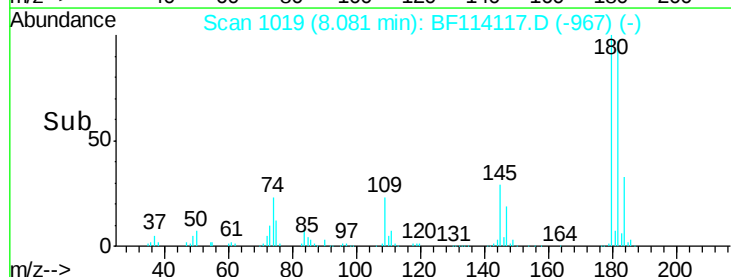
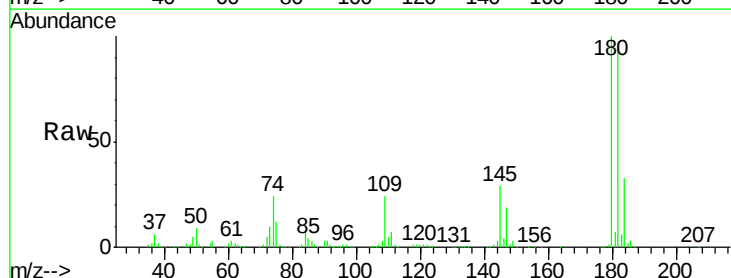
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#30
1,2,4-Trichlorobenzene
Concen: 45.180 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	972805		
182	97.2	76.6	114.8	
145	29.5	25.1	37.7	





#31

Naphthalene

Concen: 48.231 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

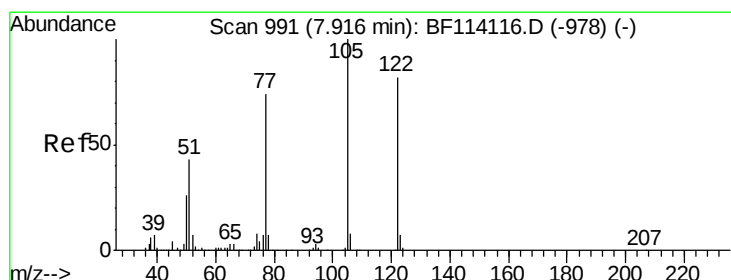
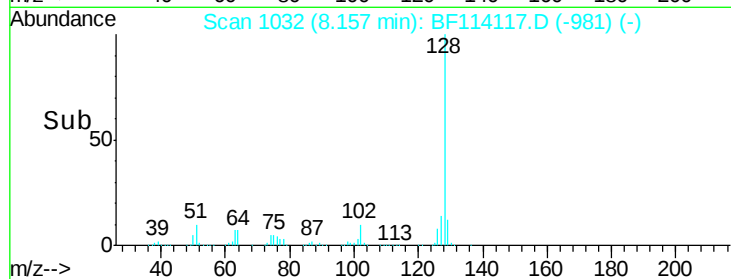
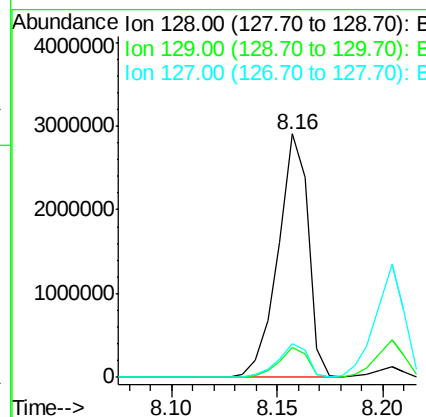
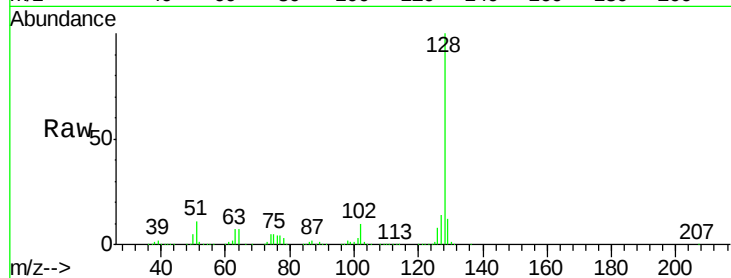
ClientSampleId :

SSTDICC050

Tgt Ion:	128	Resp:	2894081
Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	13.9	11.3	16.9

Manual Integrations
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#32

Benzoic acid

Concen: 52.956 ng m

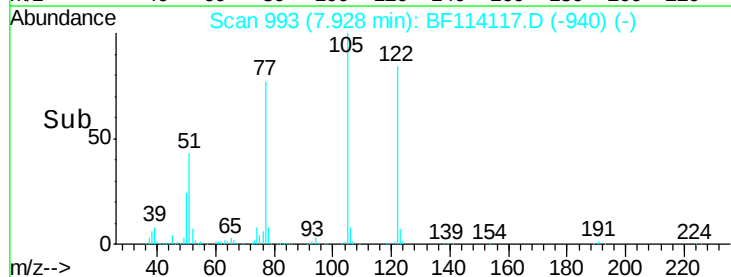
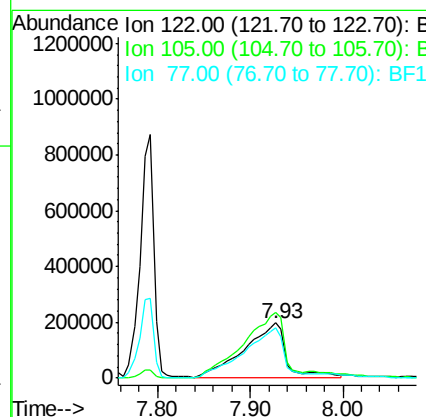
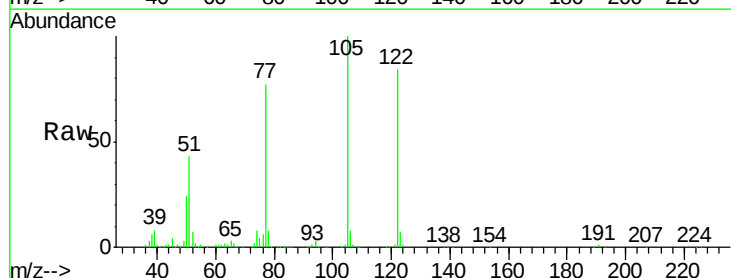
RT: 7.93 min Scan# 993

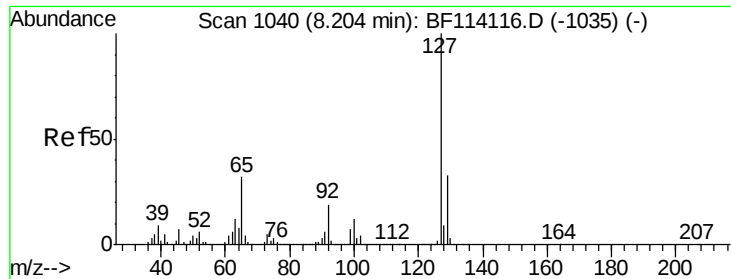
Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Tgt Ion:	122	Resp:	605666
Ion	Ratio	Lower	Upper
122	100		
105	118.5	99.9	139.9
77	91.1	69.4	109.4





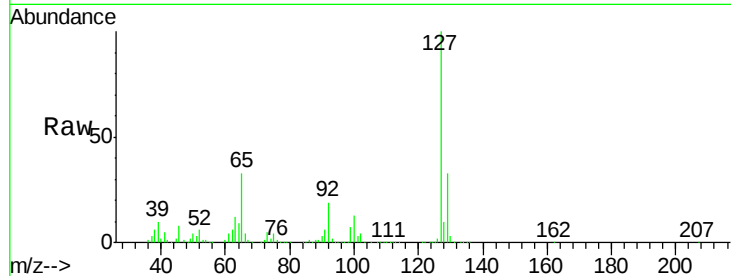
#33
4-Chloroaniline
Concen: 53.505 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

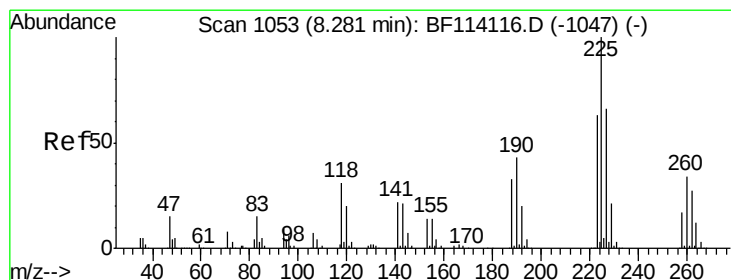
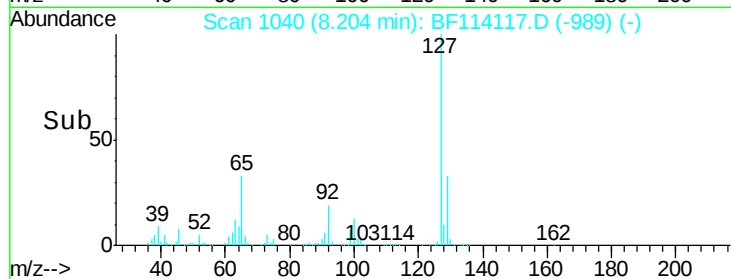
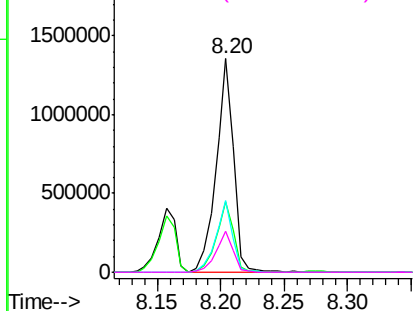
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.7	40.1
65	33.3	25.4	38.0
92	19.4	15.4	23.2

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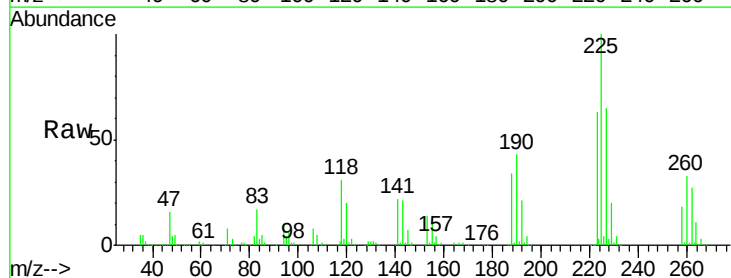


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

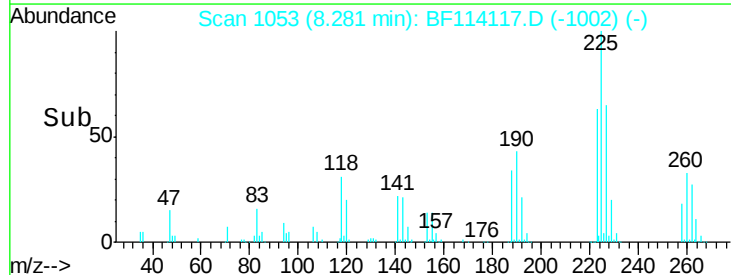
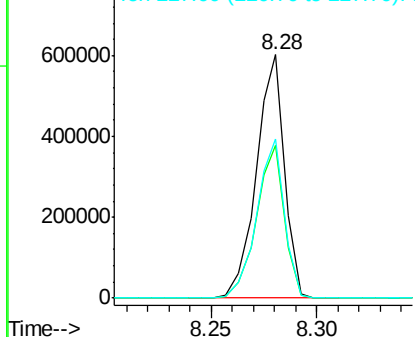


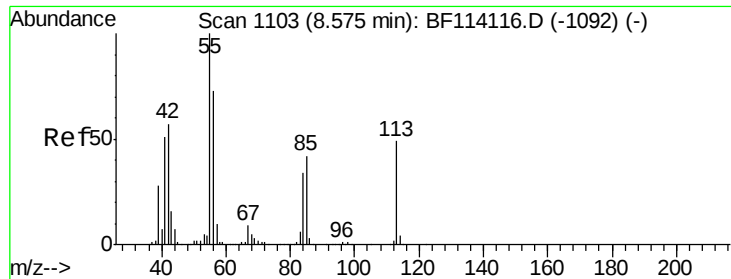
#34
Hexachlorobutadiene
Concen: 41.942 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.2	75.2
227	65.2	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





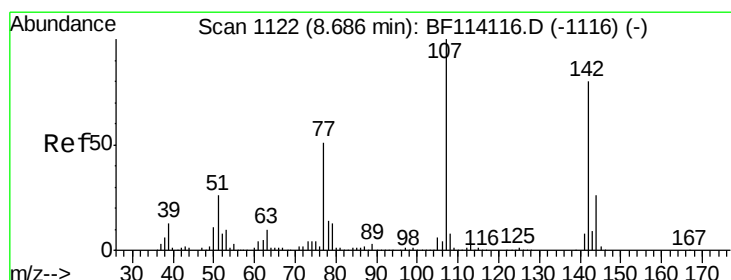
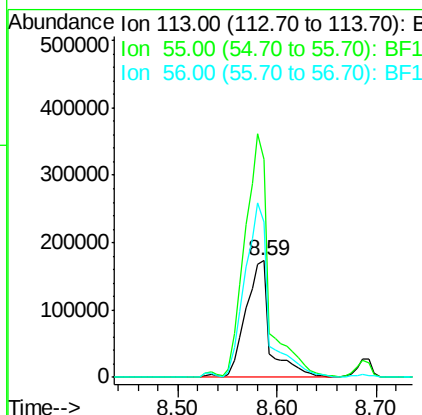
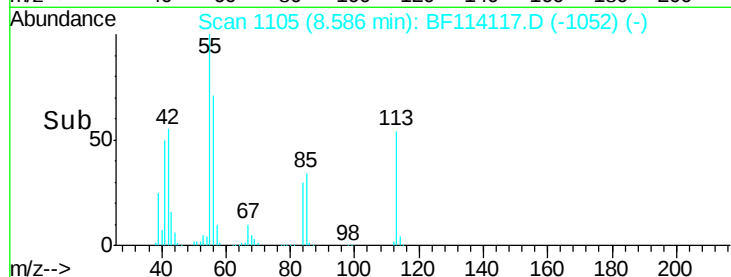
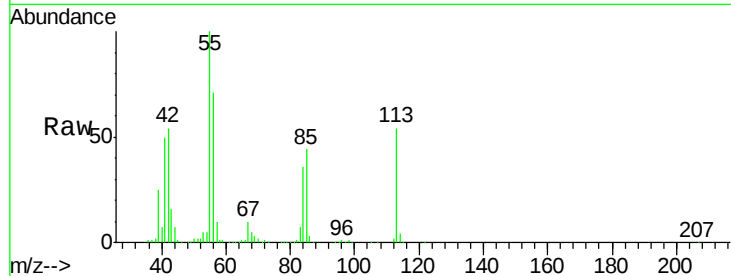
#35
Caprolactam
Concen: 52.779 ng m
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	297898		
55	186.9	183.5	223.5	
56	133.2	128.8	168.8	

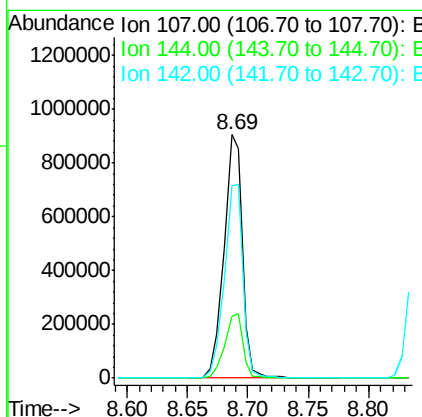
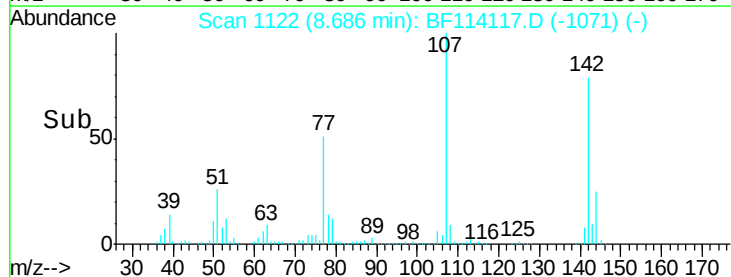
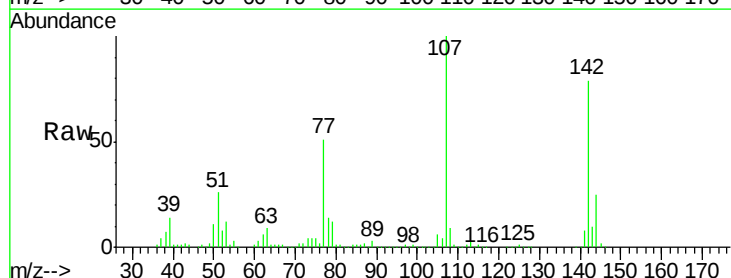
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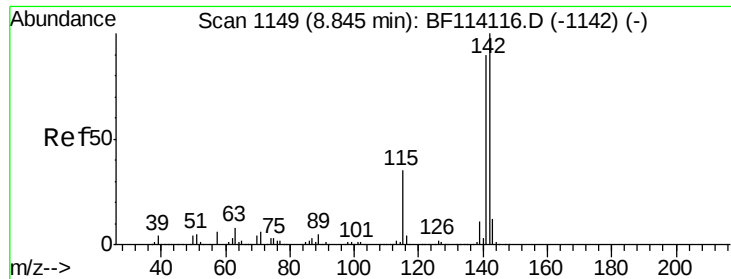
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#36
4-Chloro-3-methylphenol
Concen: 51.039 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	959179		
144	25.3	20.4	30.6	
142	78.9	64.2	96.4	





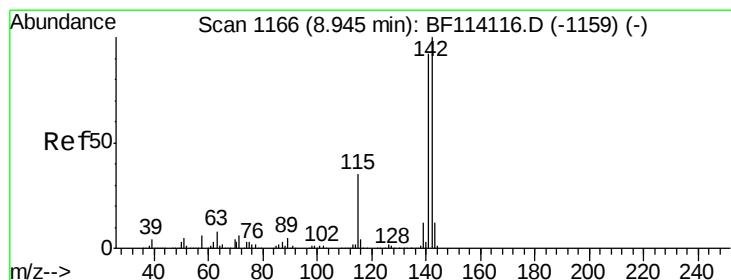
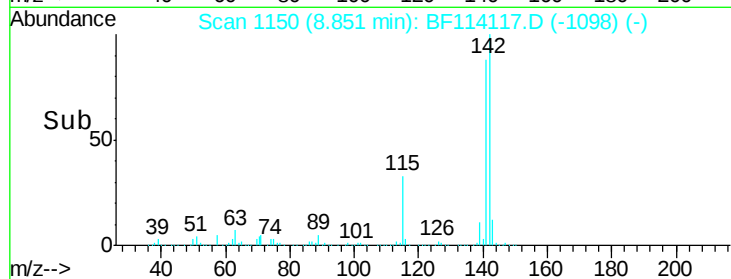
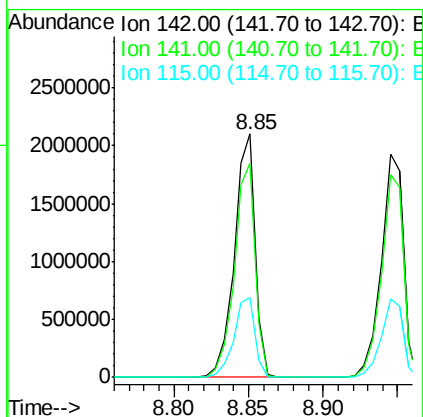
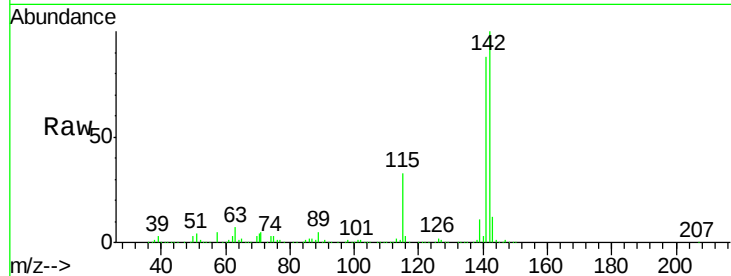
#37
2-Methylnaphthalene
Concen: 51.196 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 2051186
Ion Ratio Lower Upper
142 100
141 87.8 72.1 108.1
115 32.9 28.0 42.0

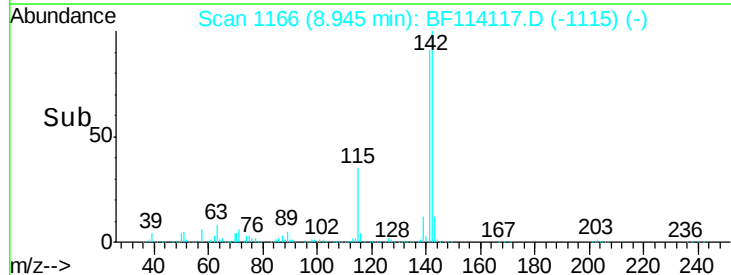
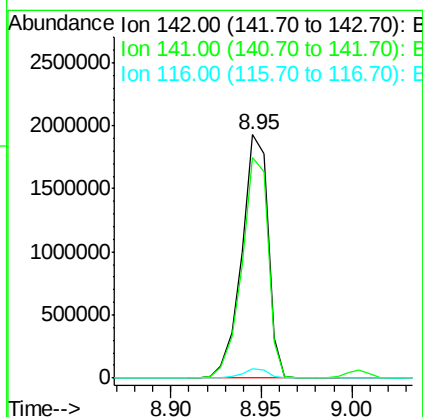
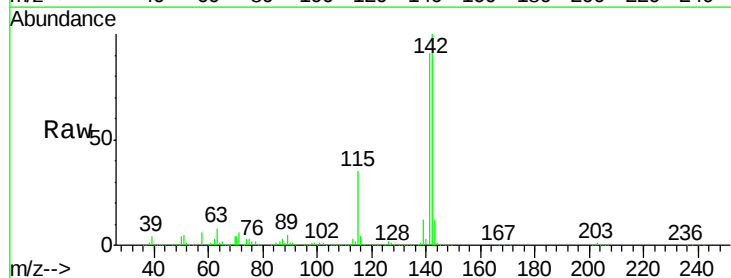
Manual Integrations
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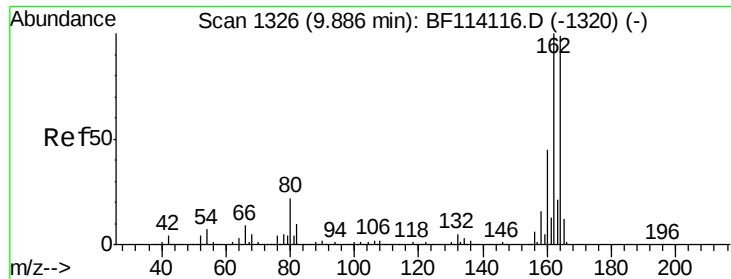
Sohil
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#38
1-Methylnaphthalene
Concen: 50.161 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:142 Resp: 1944220
Ion Ratio Lower Upper
142 100
141 90.8 73.4 110.0
116 3.8 3.1 4.7





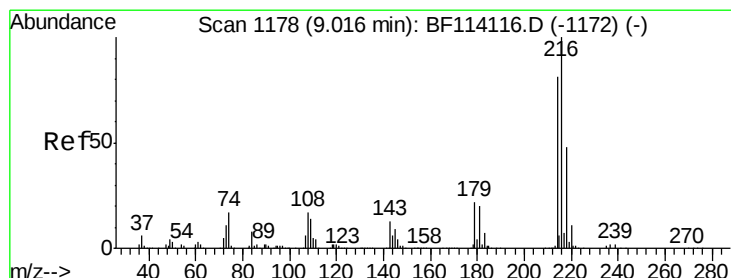
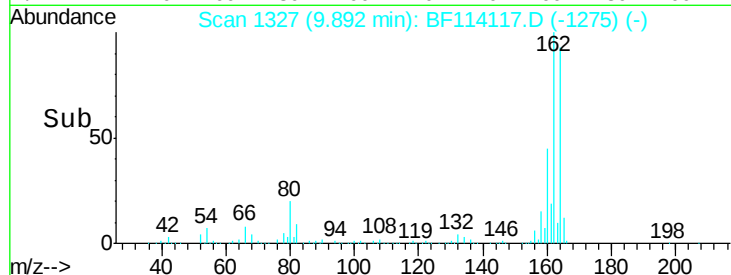
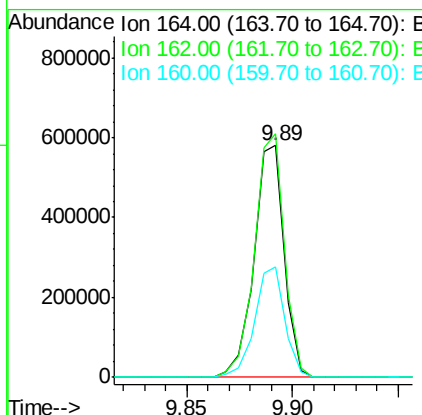
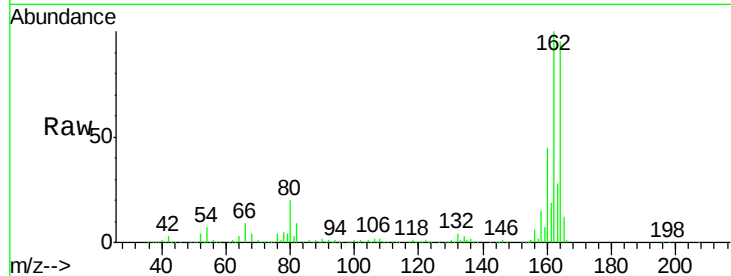
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.2	578372	80.6	120.8
160	47.7		36.5	54.7

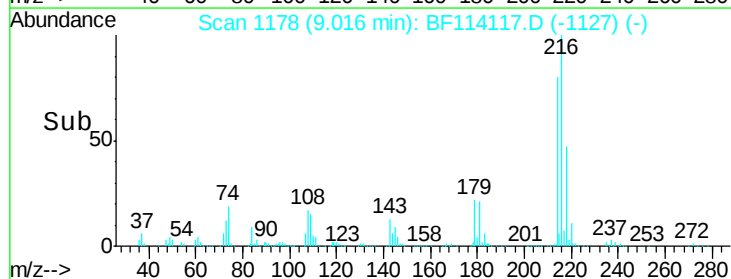
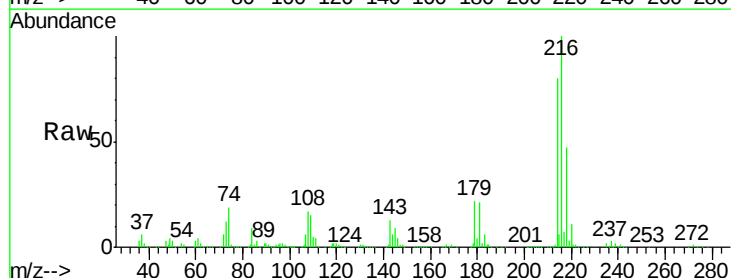
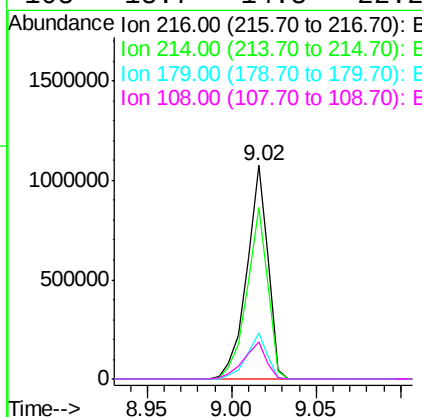
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 52.201 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	942896		
214	79.8		63.9	95.9
179	21.0		17.0	25.6
108	18.7		14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 57.505 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

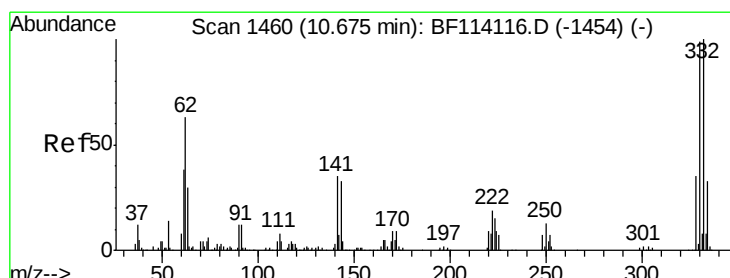
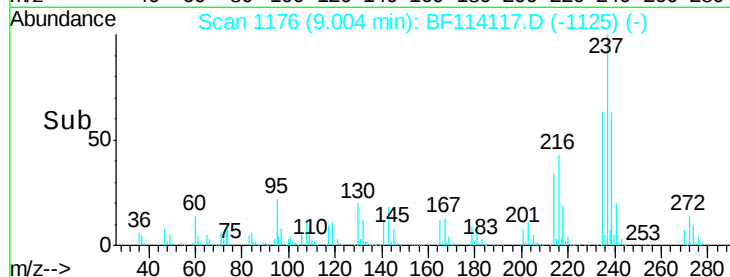
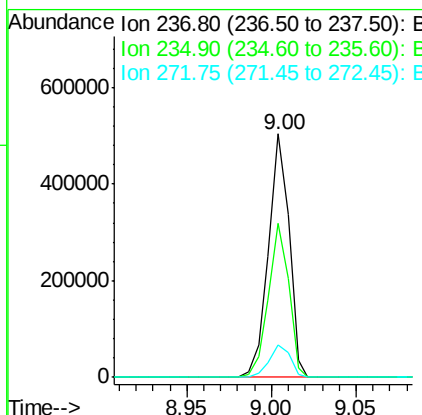
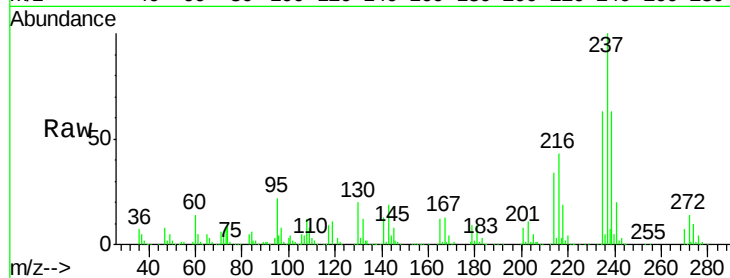
ClientSampleId :

SSTDICC050

Tgt Ion:	237	Resp:	426485
Ion Ratio	Lower	Upper	
237	100		
235	63.2	42.0	82.0
272	13.6	0.0	32.4

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 83.618 ng

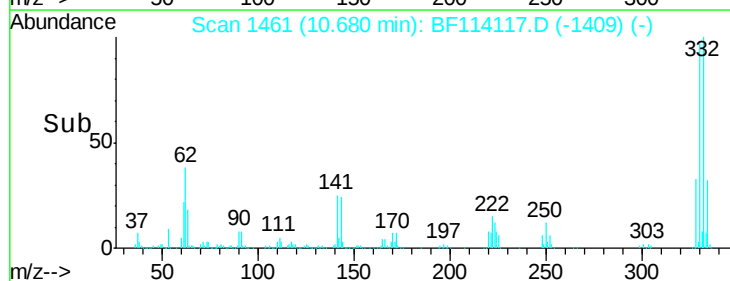
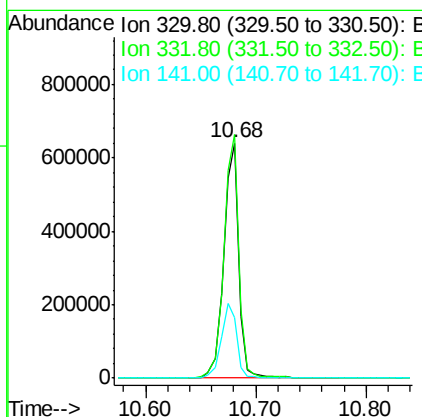
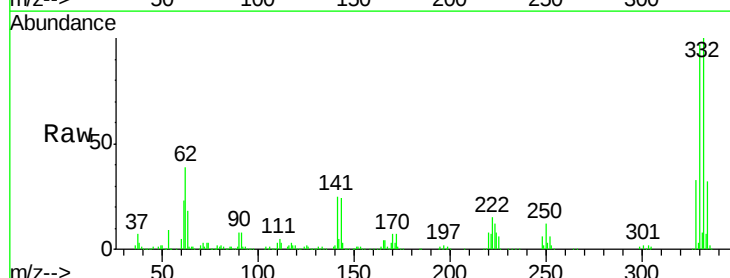
RT: 10.68 min Scan# 1461

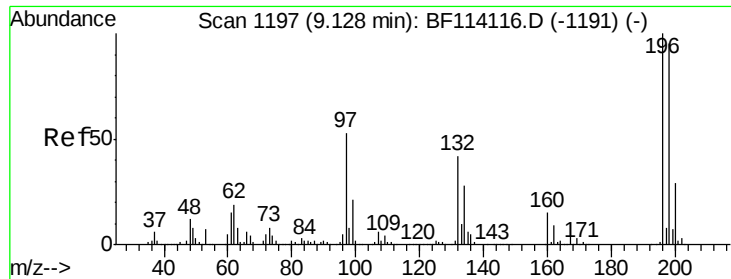
Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Tgt Ion:	330	Resp:	608689
Ion Ratio	Lower	Upper	
330	100		
332	103.5	81.4	122.2
141	32.4	26.6	40.0





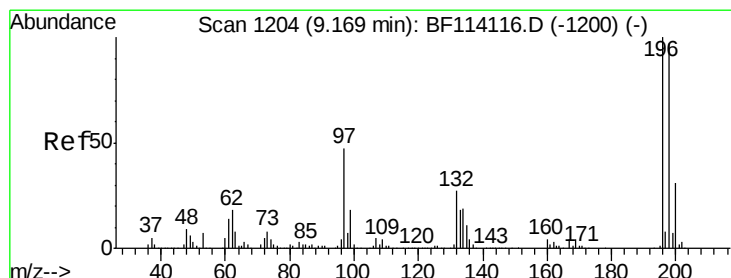
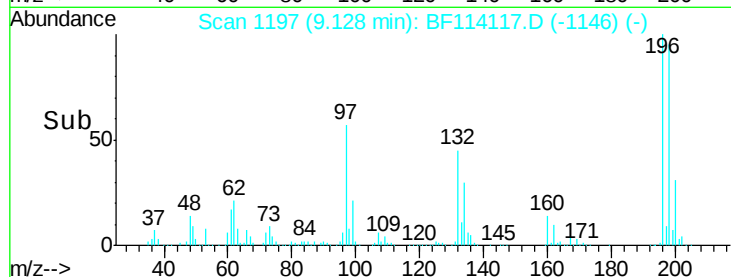
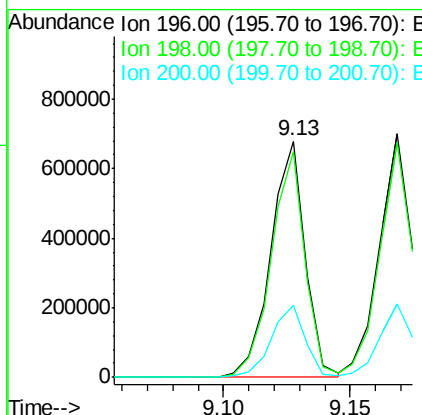
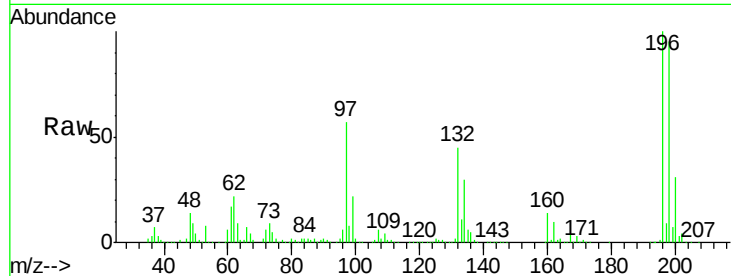
#43
 2,4,6-Trichlorophenol
 Concen: 55.597 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	645164		
198	95.3	75.9	113.9	
200	30.6	23.5	35.3	

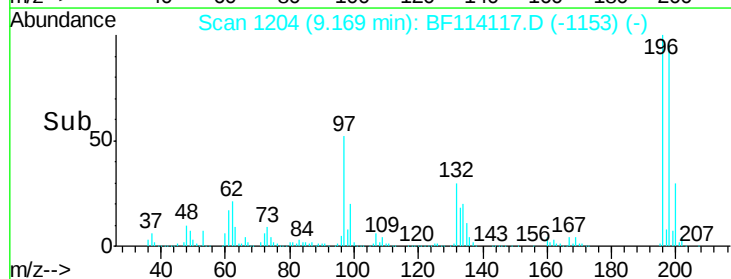
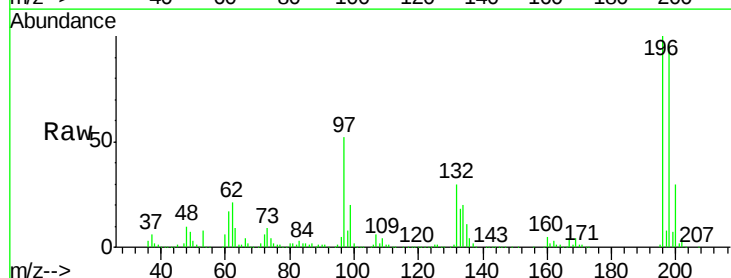
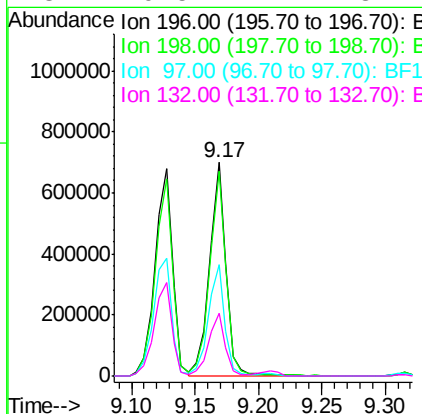
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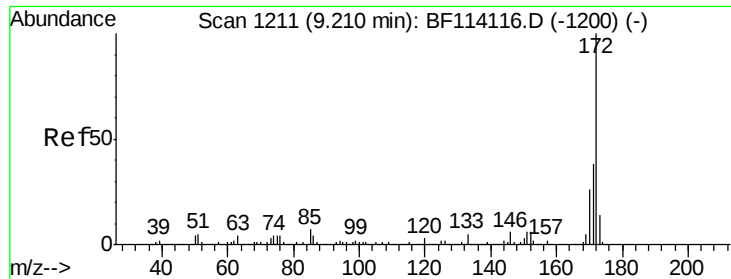
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 50.092 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	639465		
198	96.1	77.7	116.5	
97	52.3	38.2	57.2	
132	29.5	21.4	32.2	





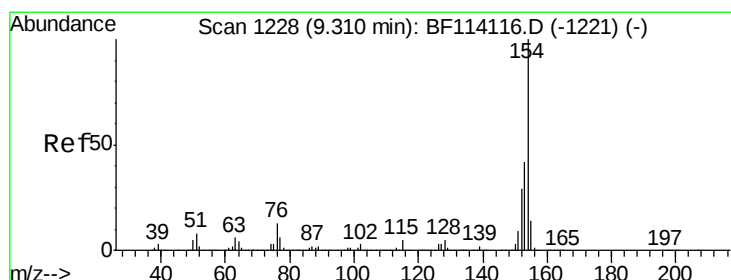
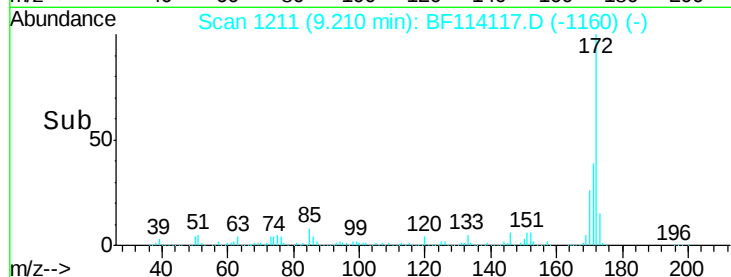
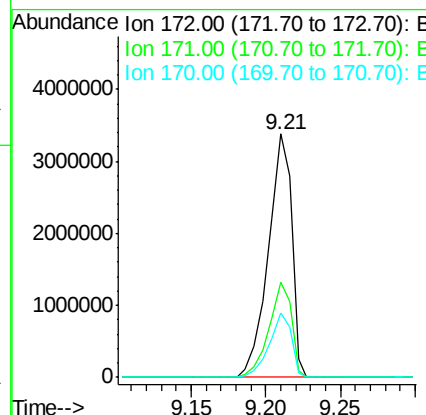
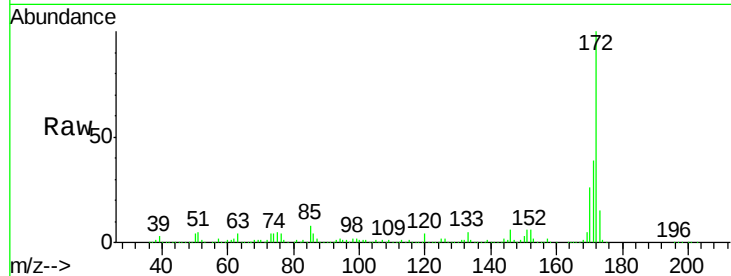
#45
2-Fluorobiphenyl
Concen: 99.755 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:172 Resp: 3618582
Ion Ratio Lower Upper
172 100
171 39.2 30.7 46.1
170 26.2 20.5 30.7

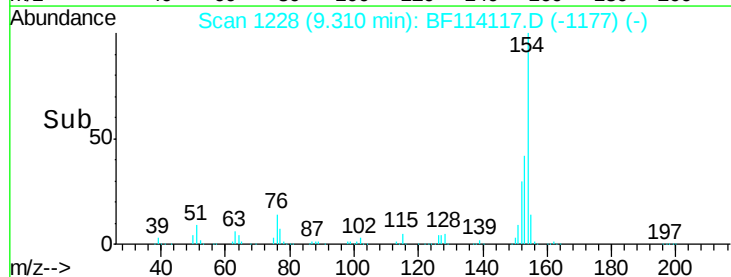
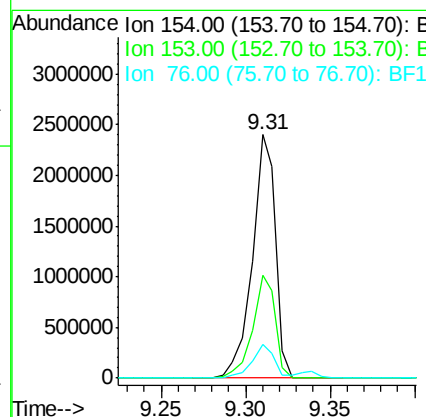
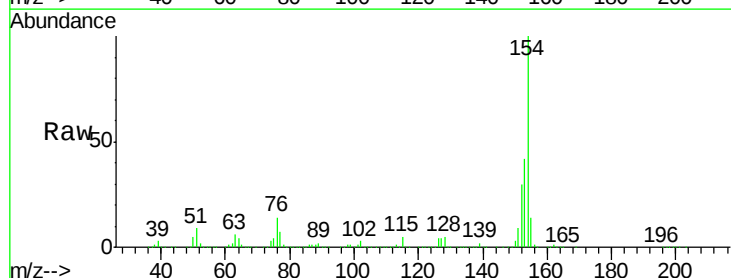
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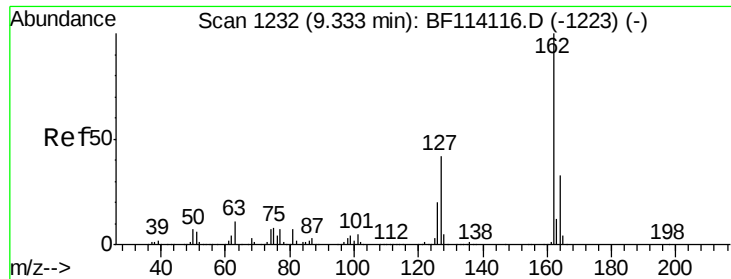
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#46
1,1'-Biphenyl
Concen: 53.295 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:154 Resp: 2295960
Ion Ratio Lower Upper
154 100
153 42.4 21.9 61.9
76 14.0 0.0 32.8





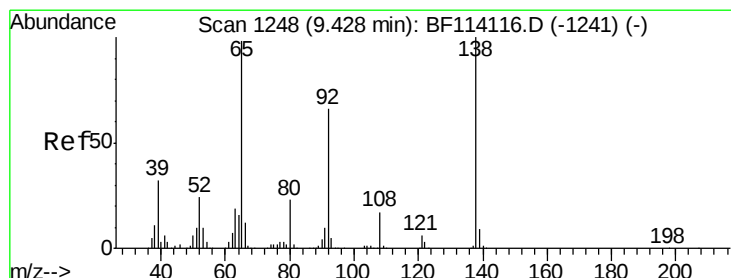
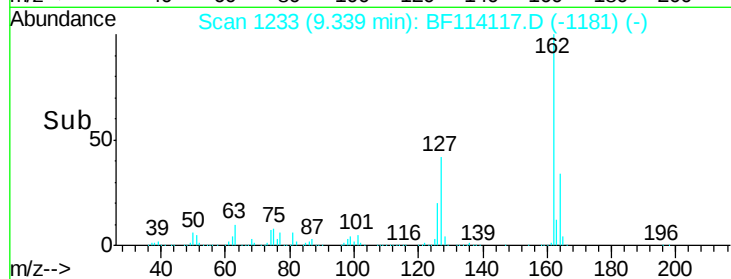
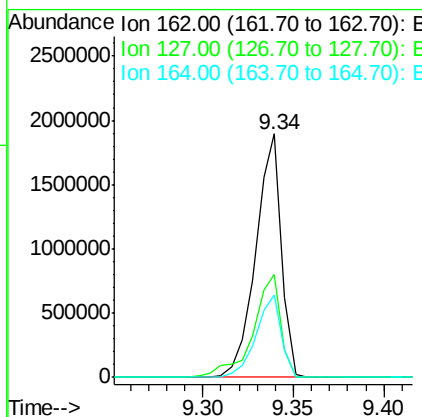
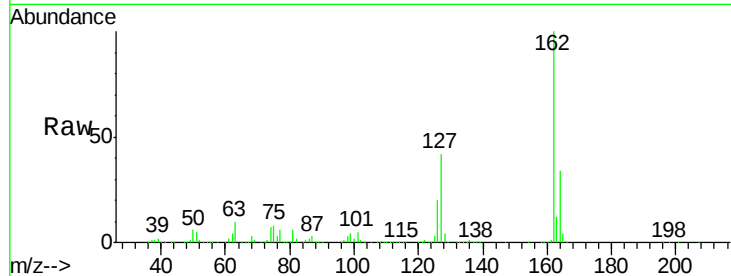
#47
 2-Chloronaphthalene
 Concen: 52.761 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.0	34.0	51.0
164	33.9	26.7	40.1

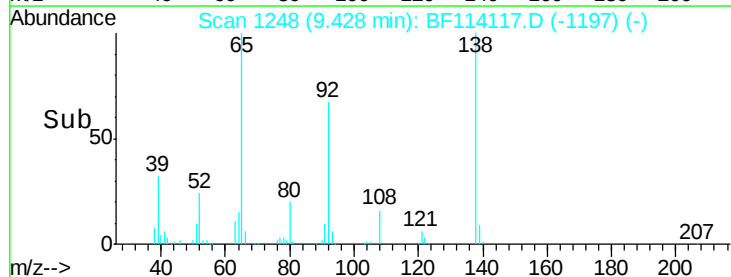
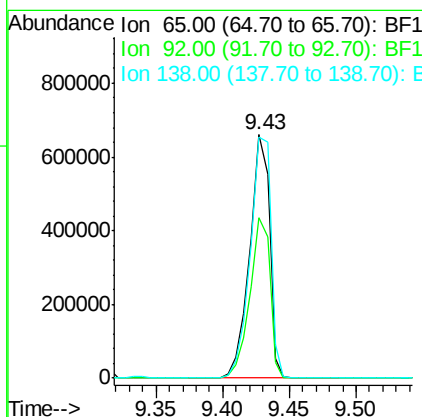
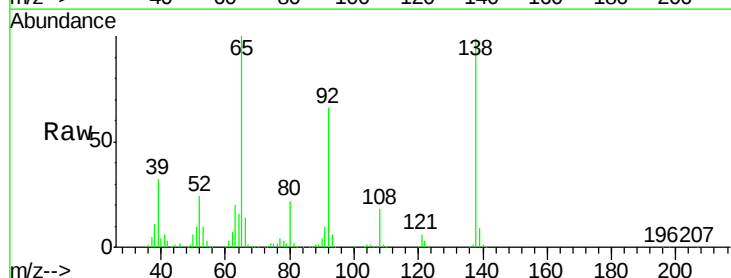
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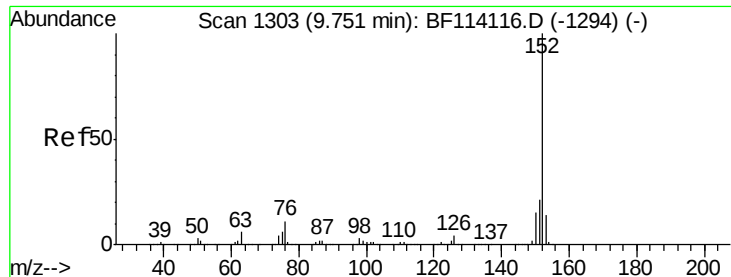
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#48
 2-Nitroaniline
 Concen: 68.679 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	53.9	80.9
138	98.9	81.4	122.0





#49

Acenaphthylene

Concen: 51.903 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

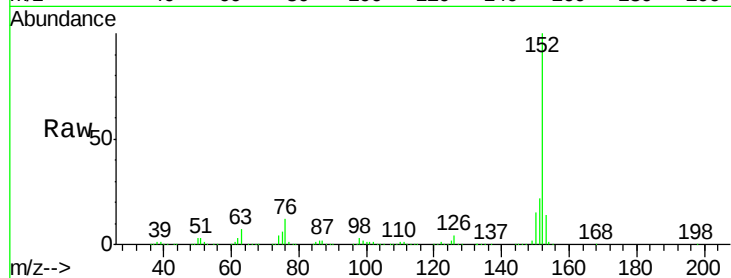
ClientSampleId :

SSTDICC050

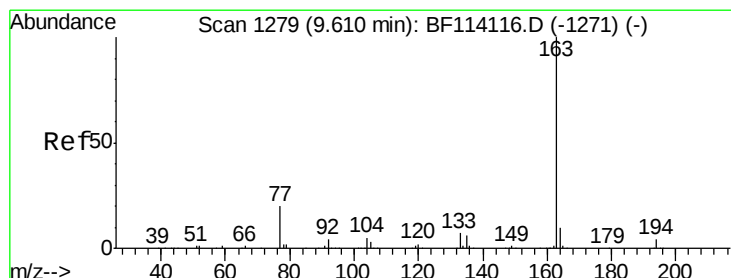
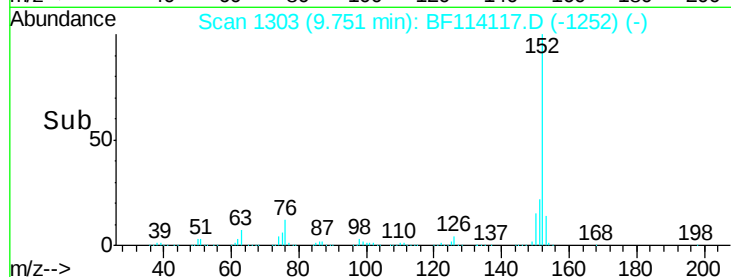
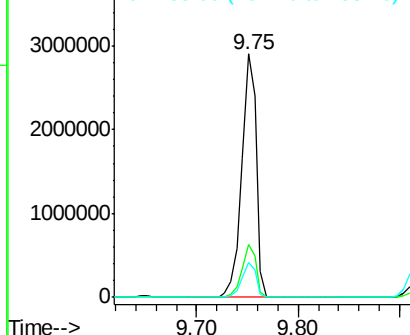
Tgt Ion:	152	Resp:	2873025
Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.8	25.2
153	14.5	11.4	17.2

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.986 ng

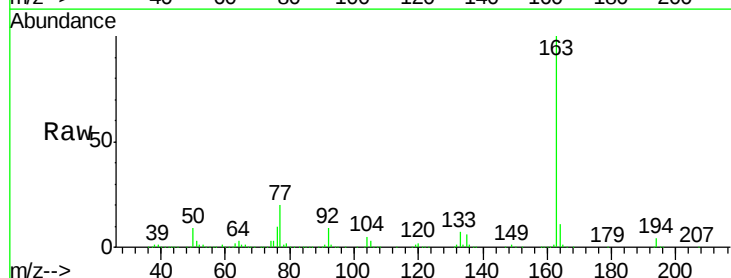
RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

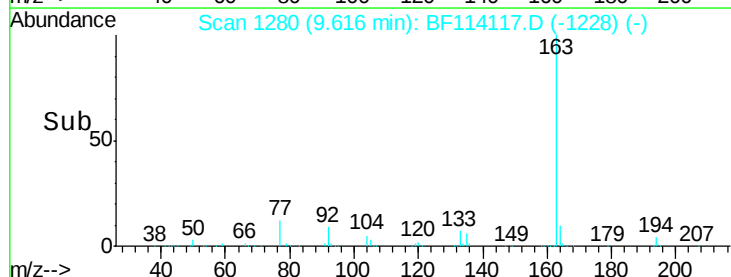
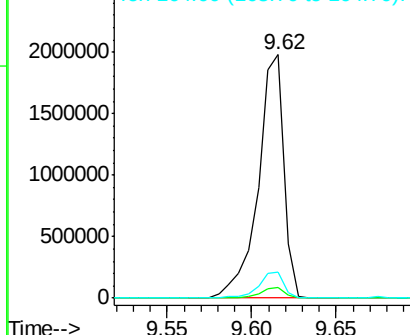
Lab File: BF114117.D

Acq: 10 May 2019 10:59

Tgt Ion:	163	Resp:	2088224
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.5	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





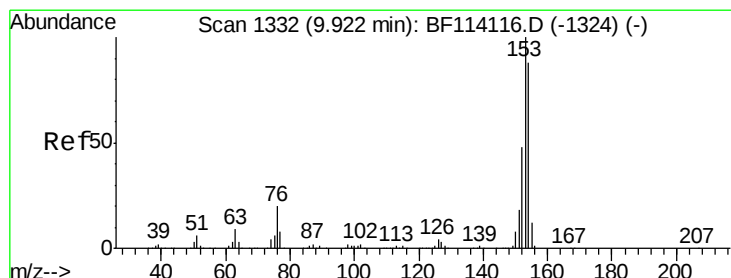
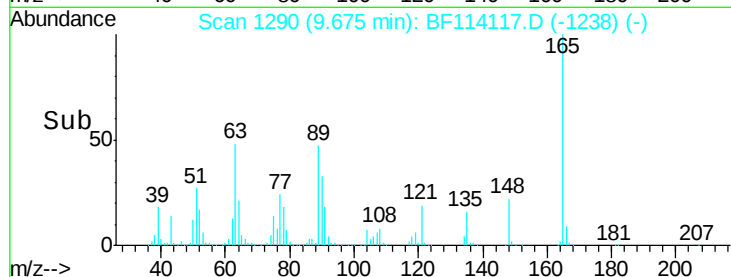
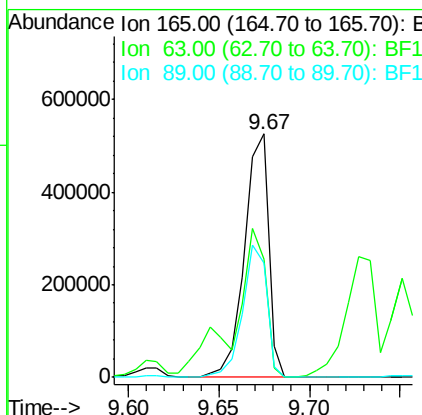
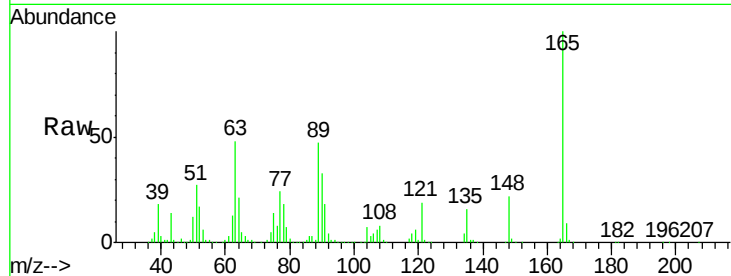
#51
 2,6-Dinitrotoluene
 Concen: 51.444 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	487069		
63	48.4	50.2	75.4#	
89	46.8	46.6	69.8	

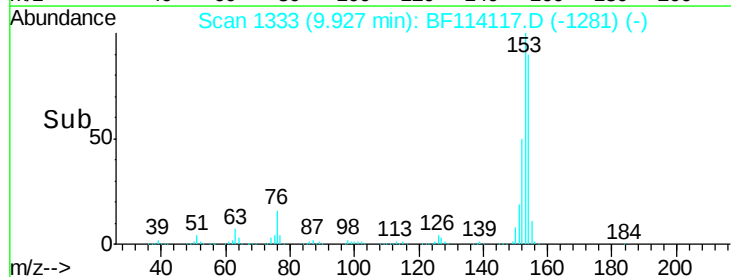
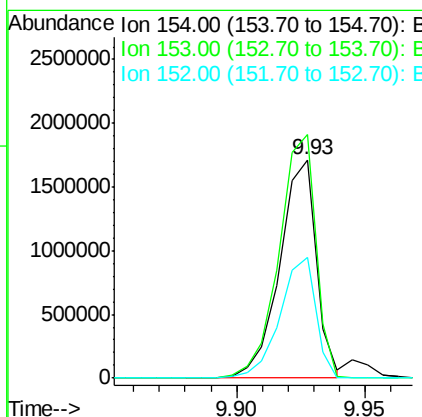
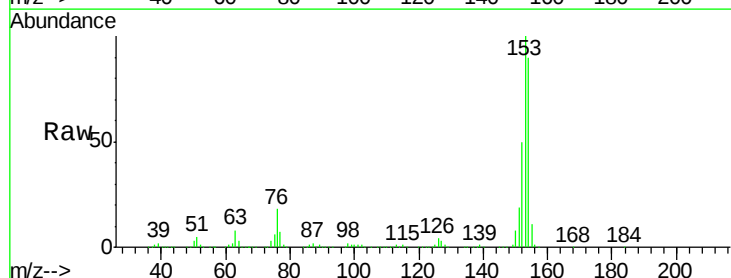
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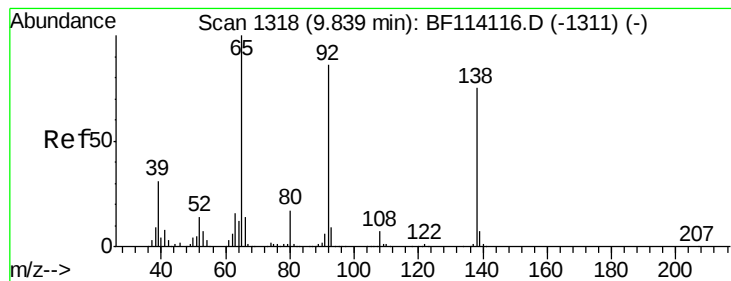
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#52
 Acenaphthene
 Concen: 52.663 ng m
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1690525		
153	111.7	90.5	135.7	
152	55.5	43.4	65.2	





#53

3-Nitroaniline

Concen: 60.902 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:138 Resp: 603957
Ion Ratio Lower Upper

138 100

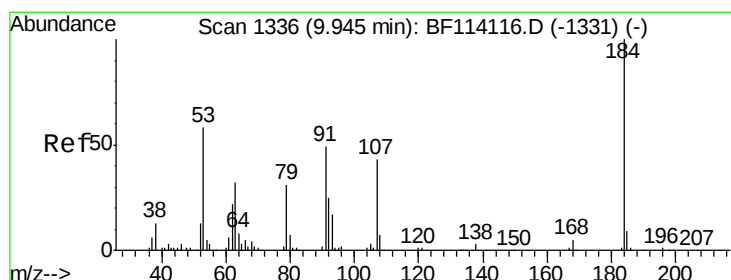
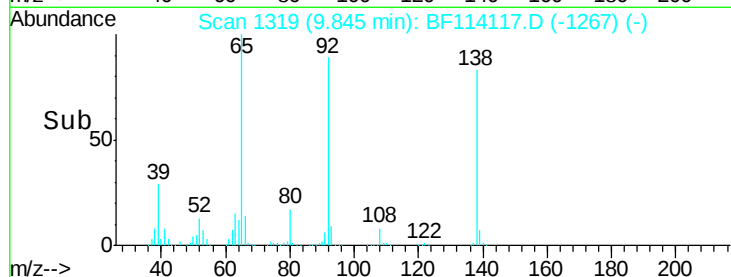
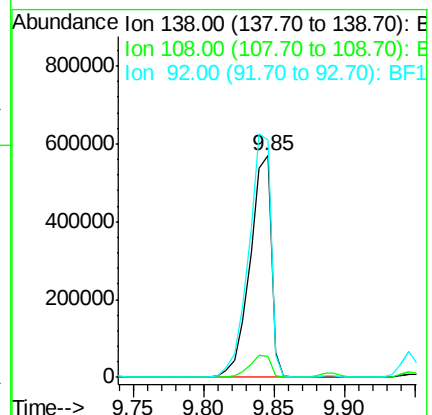
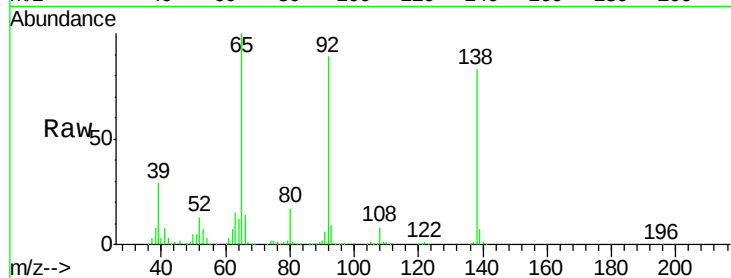
108 9.4 7.8 11.6

92 107.0 91.2 136.8

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#54

2,4-Dinitrophenol

Concen: 51.833 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.00 min

Lab File: BF114117.D

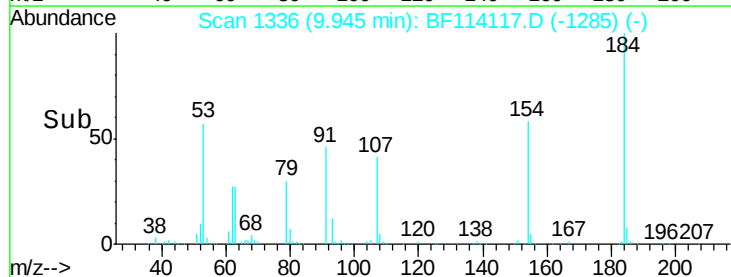
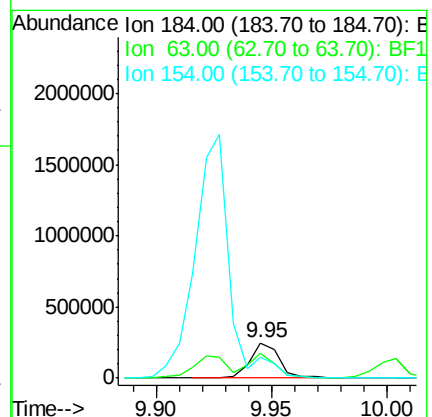
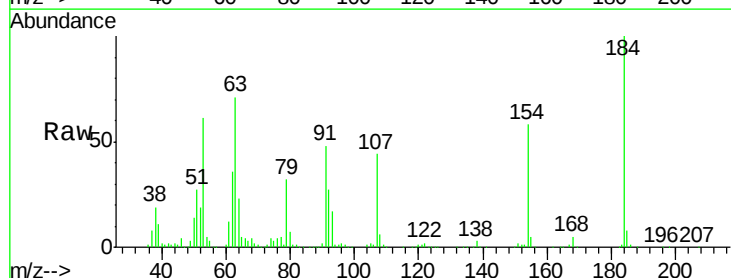
Acq: 10 May 2019 10:59

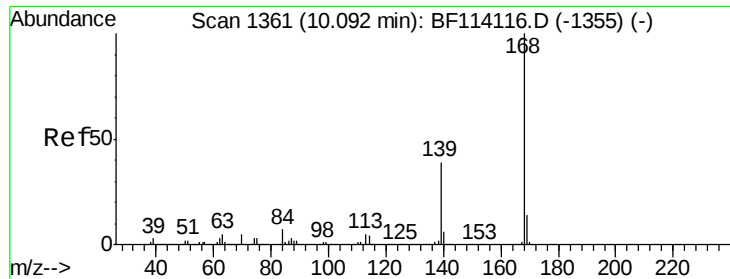
Tgt Ion:184 Resp: 221353
Ion Ratio Lower Upper

184 100

63 71.0 55.6 83.4

154 57.8 46.0 69.0





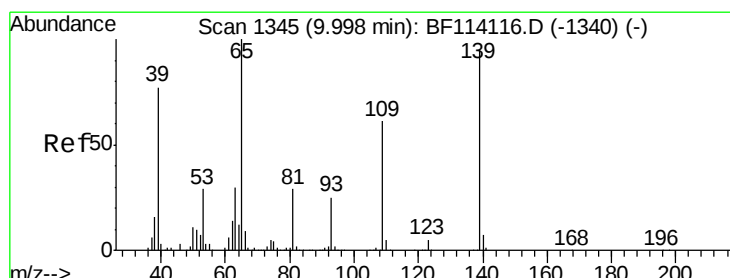
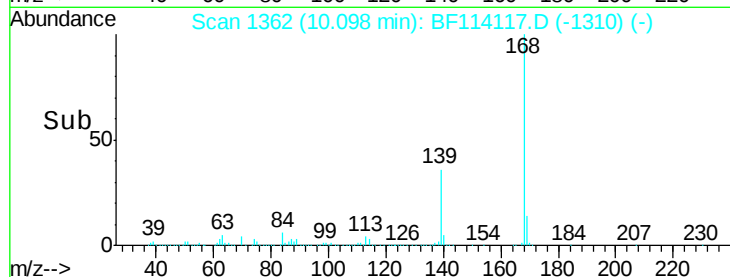
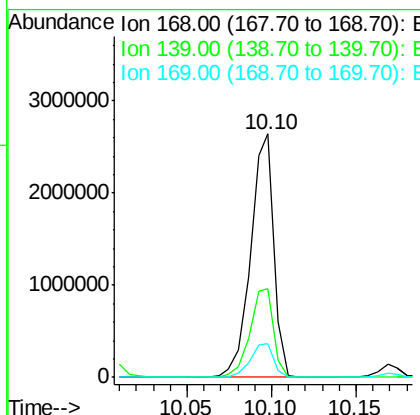
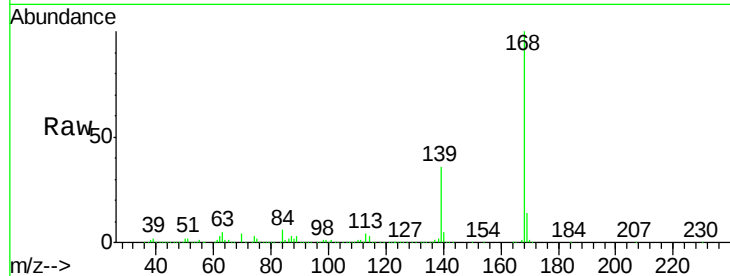
#55
Dibenzofuran
Concen: 50.175 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:168 Resp: 2532993
Ion Ratio Lower Upper
168 100
139 36.5 31.1 46.7
169 13.8 11.4 17.0

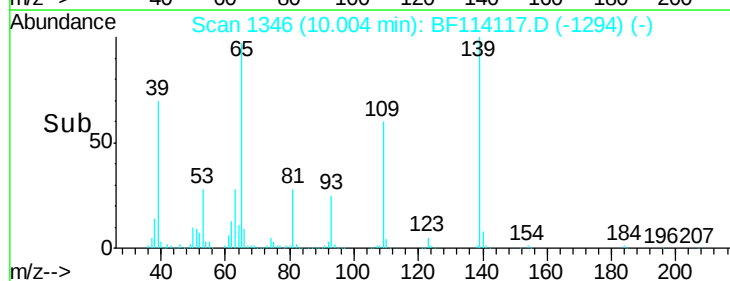
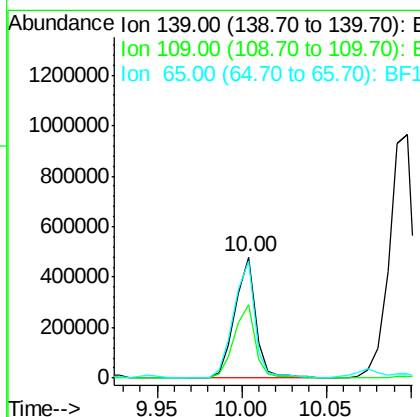
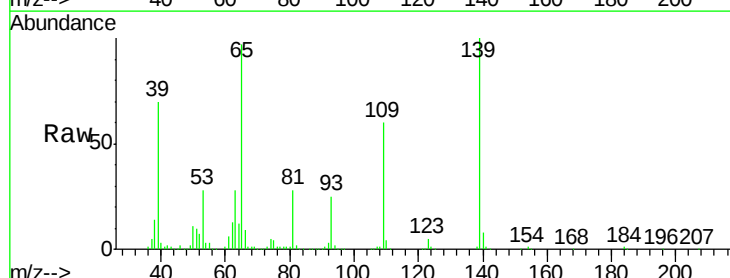
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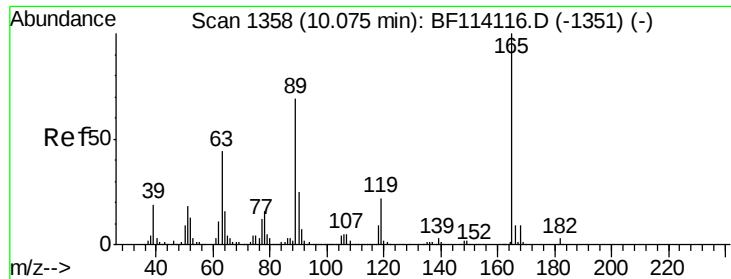
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#56
4-Nitrophenol
Concen: 55.393 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:139 Resp: 417172
Ion Ratio Lower Upper
139 100
109 60.2 43.9 83.9
65 97.0 85.7 125.7





#57

2,4-Dinitrotoluene

Concen: 49.483 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

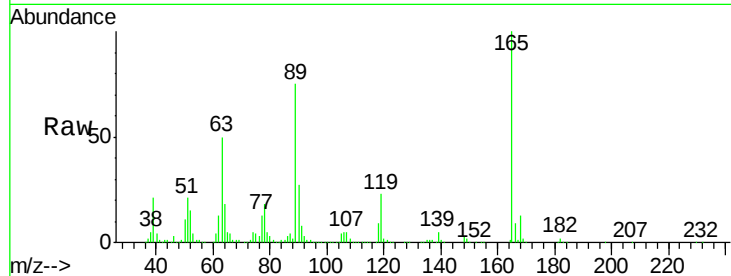
ClientSampled :

SSTDICC050

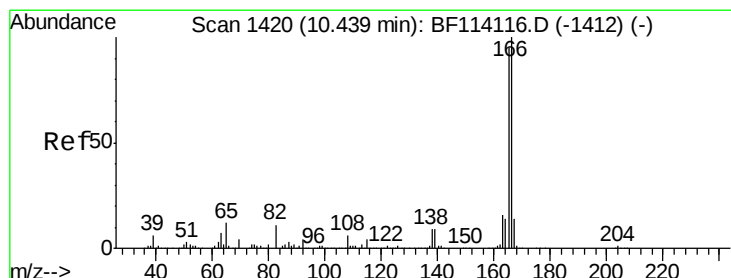
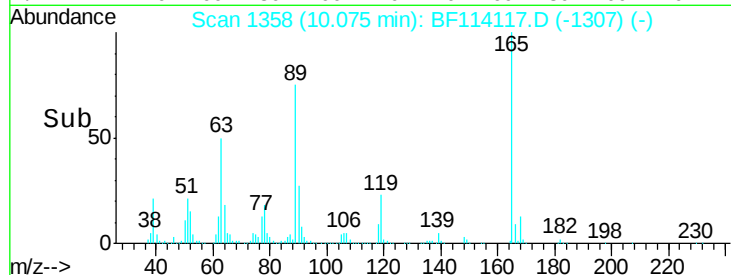
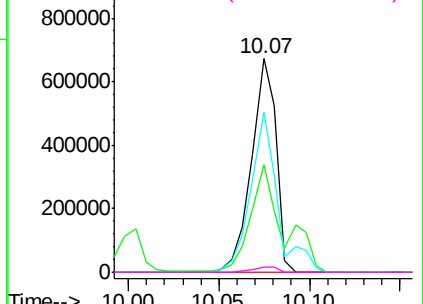
Tgt Ion:	165	Resp:	635157
Ion Ratio	Lower	Upper	
165	100		
63	50.2	35.5	53.3
89	74.9	55.2	82.8
182	2.4	2.2	3.2

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Abundance Ion 165.00 (164.70 to 165.70): E



#58

Fluorene

Concen: 48.049 ng

RT: 10.44 min Scan# 1420

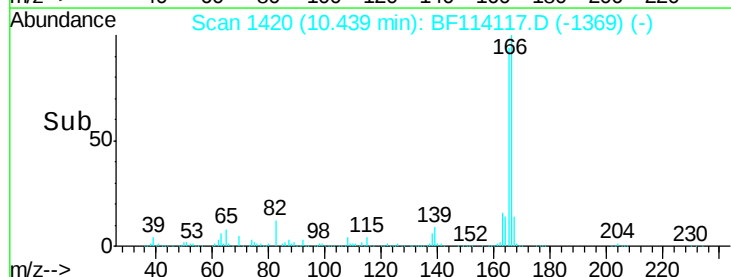
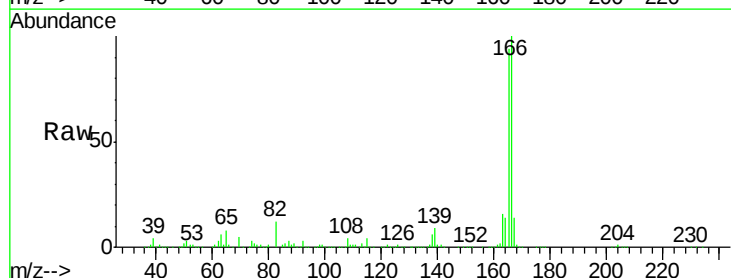
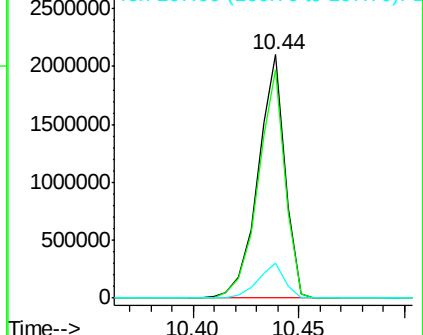
Delta R.T. -0.00 min

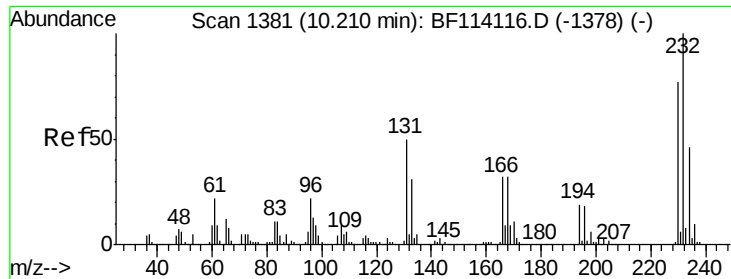
Lab File: BF114117.D

Acq: 10 May 2019 10:59

Tgt Ion:	166	Resp:	1857975
Ion Ratio	Lower	Upper	
166	100		
165	94.0	76.1	114.1
167	14.3	11.1	16.7

Abundance Ion 166.00 (165.70 to 166.70): E





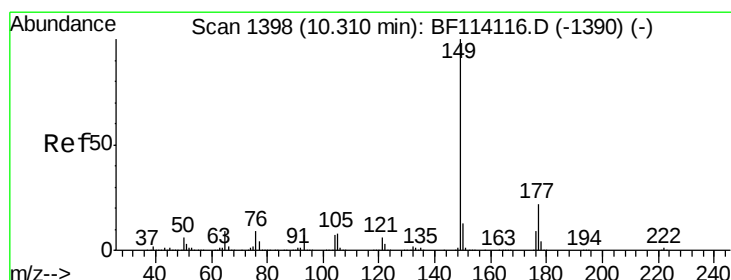
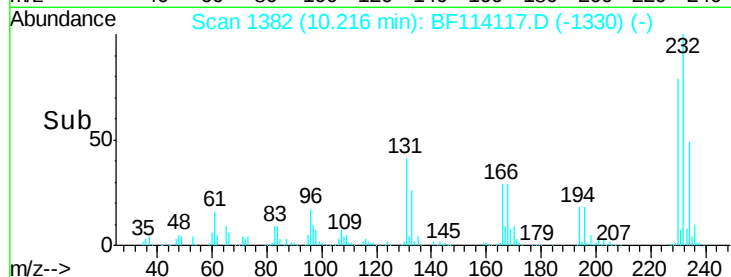
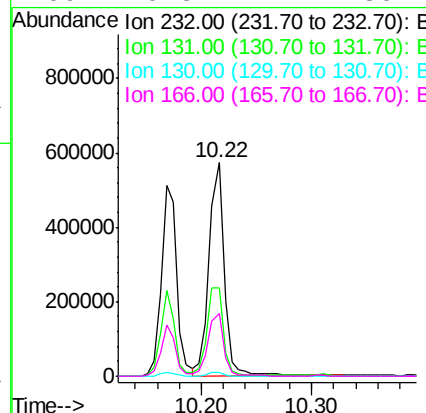
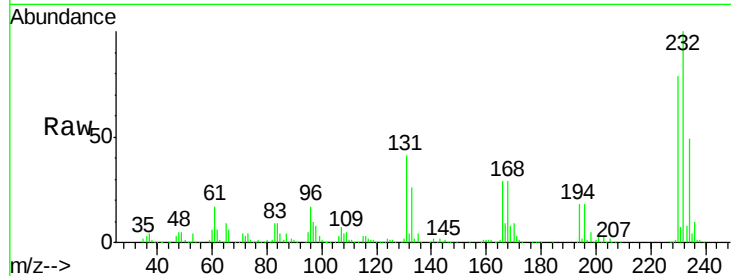
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.012 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	533118		
131	43.9	35.6	53.4	
130	2.1	1.6	2.4	
166	29.8	24.1	36.1	

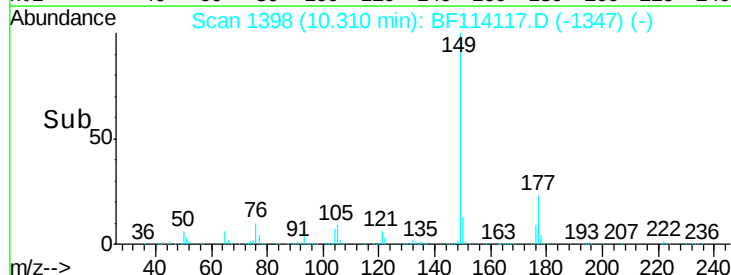
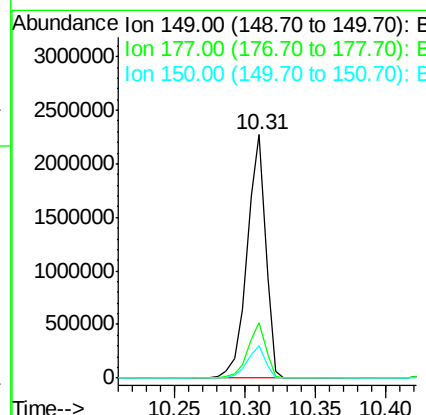
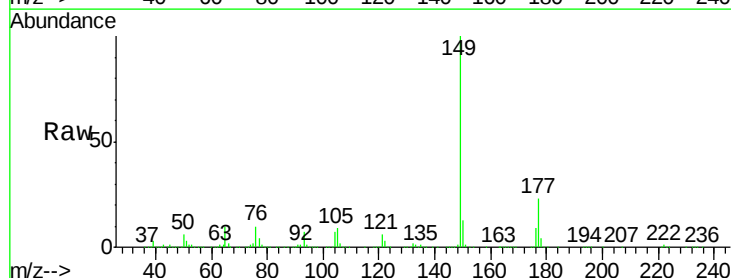
Manual Integrations
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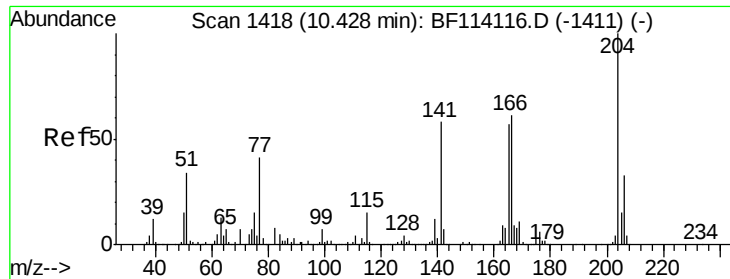
Sohil
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#60
 Diethylphthalate
 Concen: 50.681 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2079021		
177	22.7	17.8	26.6	
150	13.2	10.2	15.2	





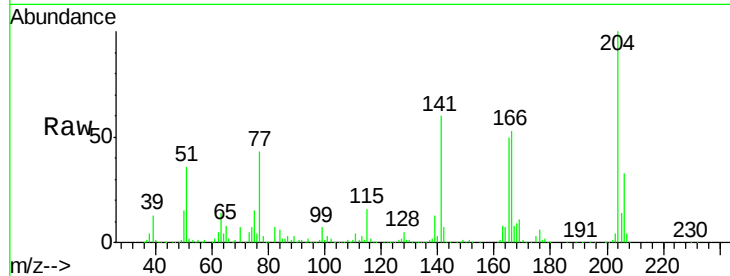
#61
4-Chlorophenyl-phenylether
Concen: 45.751 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampled :
SSTDICC050

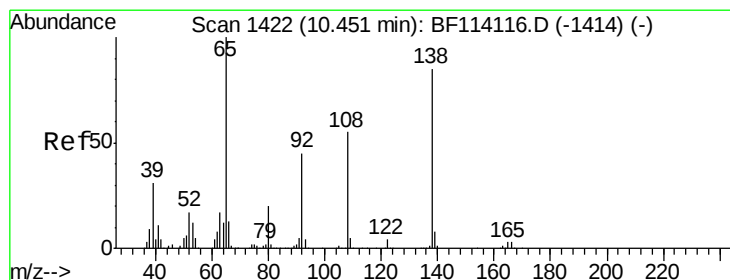
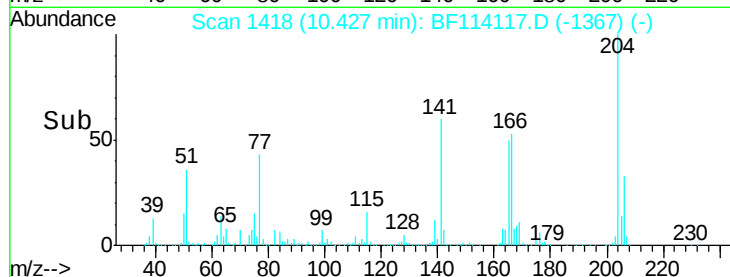
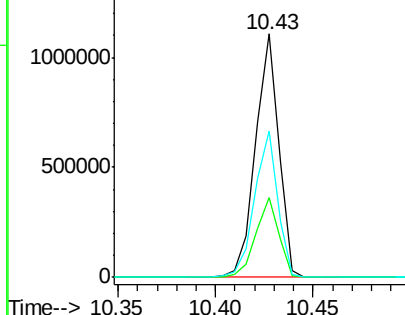
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	60.2	46.4	69.6

Manual Integrations
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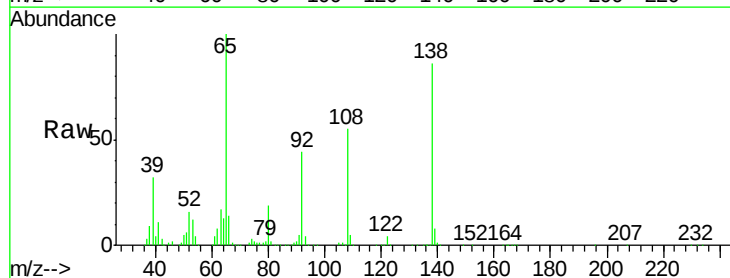


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

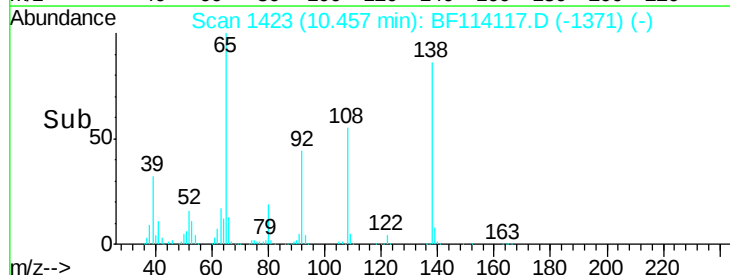
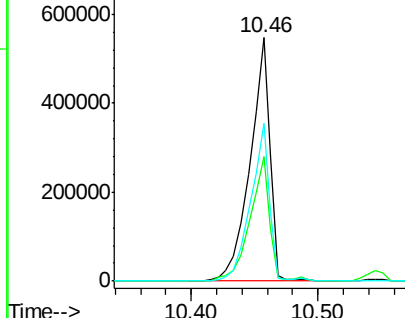


#62
4-Nitroaniline
Concen: 58.944 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	33.0	73.0
108	64.7	44.9	84.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





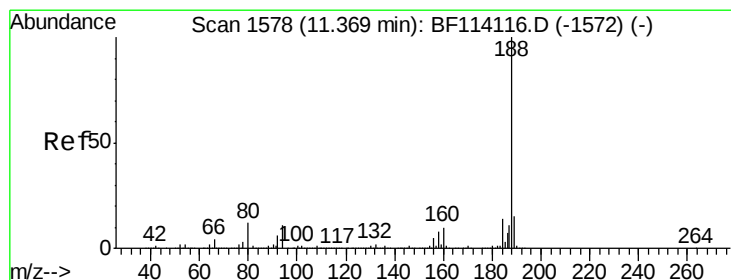
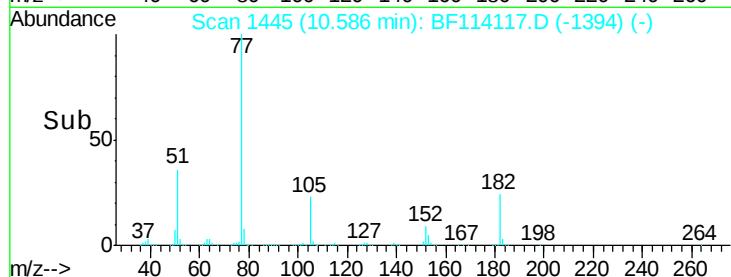
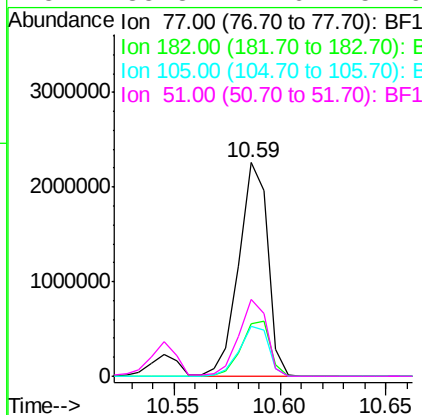
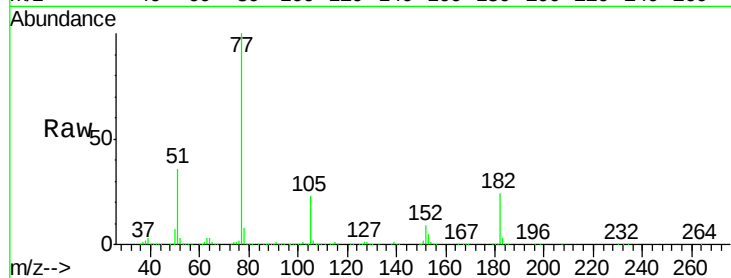
#63
Azobenzene
Concen: 54.424 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 77 Resp: 2139953
Ion Ratio Lower Upper
77 100
182 24.3 4.7 44.7
105 23.5 2.9 42.9
51 35.8 14.6 54.6

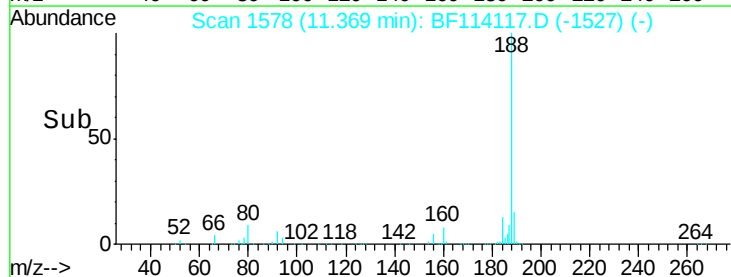
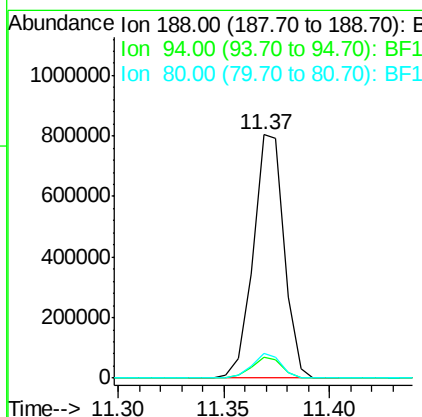
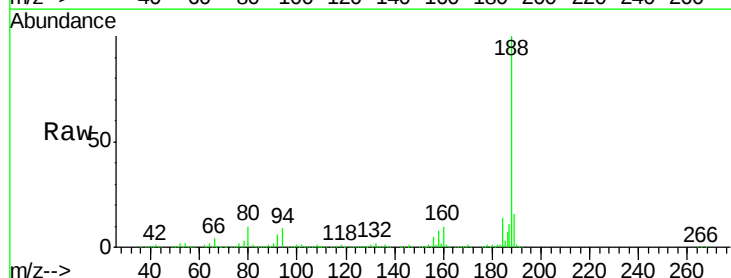
Manual Integrations
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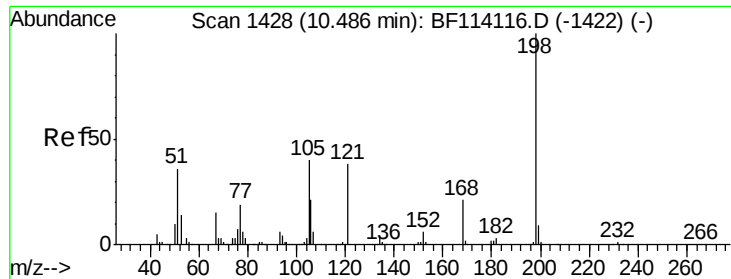
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion: 188 Resp: 819858
Ion Ratio Lower Upper
188 100
94 8.8 8.4 12.6
80 10.2 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 68.033 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

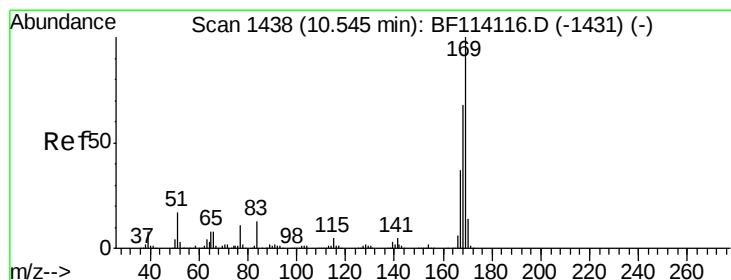
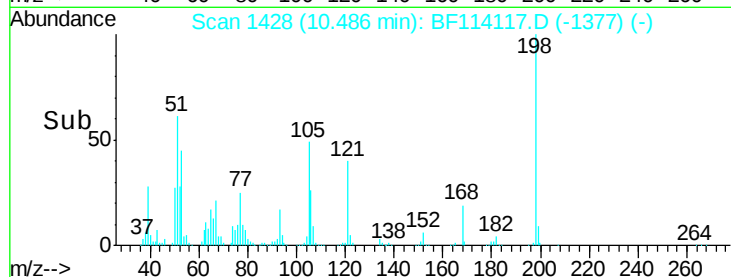
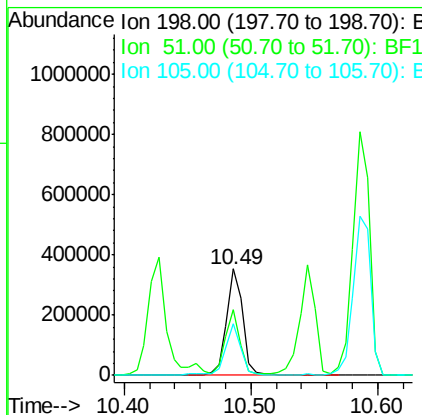
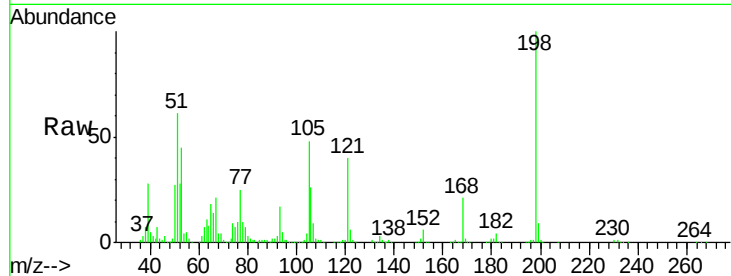
ClientSampled :

SSTDIC050

Tgt Ion:	198	Resp:	315381
Ion Ratio	Lower	Upper	
198	100		
51	61.2	28.0	68.0
105	48.4	21.1	61.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 71.954 ng

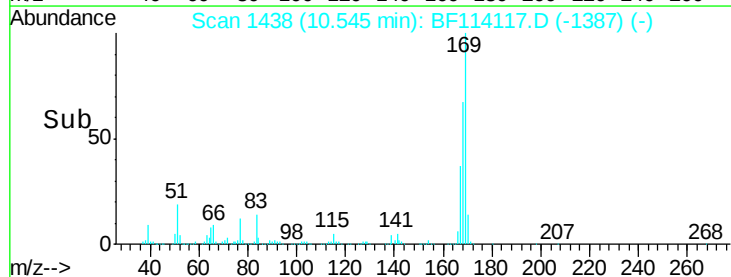
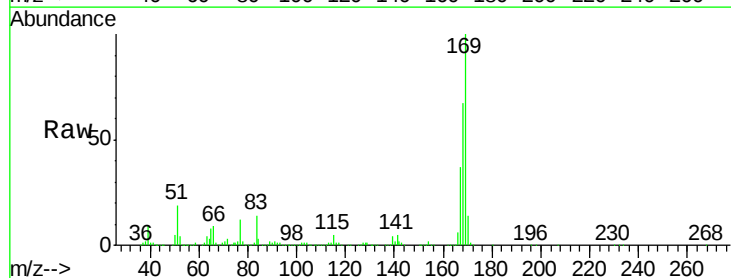
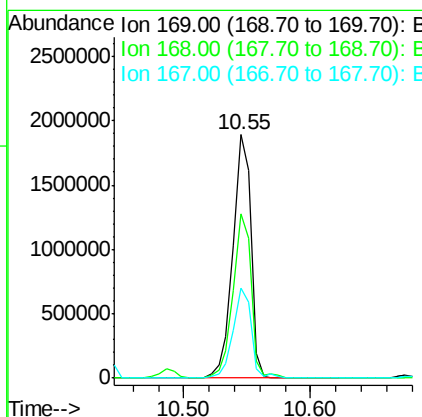
RT: 10.55 min Scan# 1438

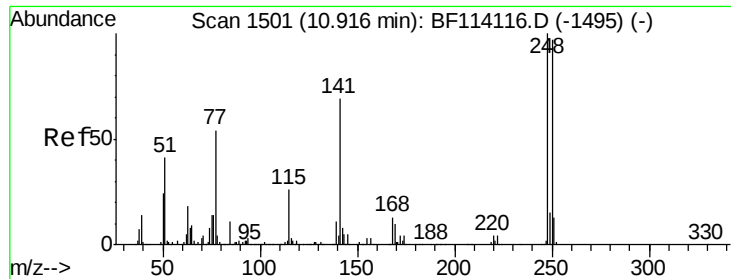
Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Tgt Ion:	169	Resp:	1841611
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.2	81.2
167	36.9	29.8	44.8





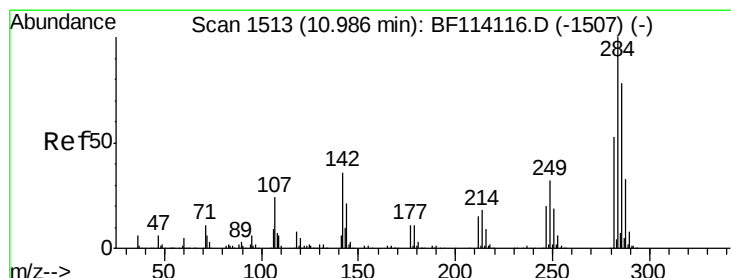
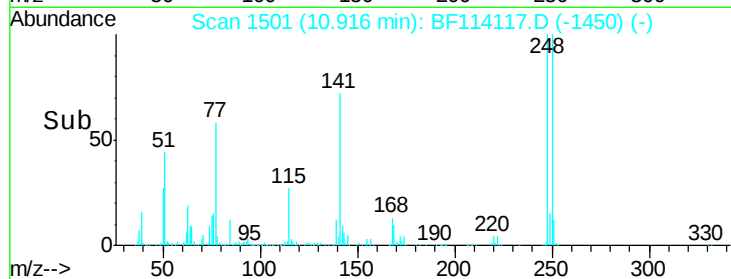
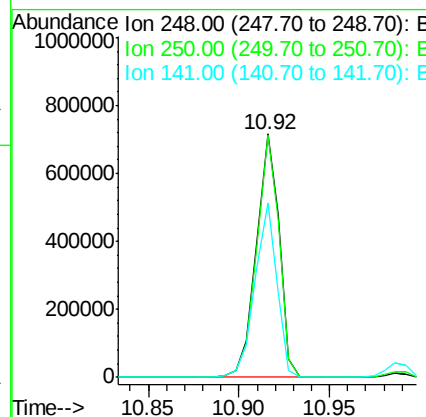
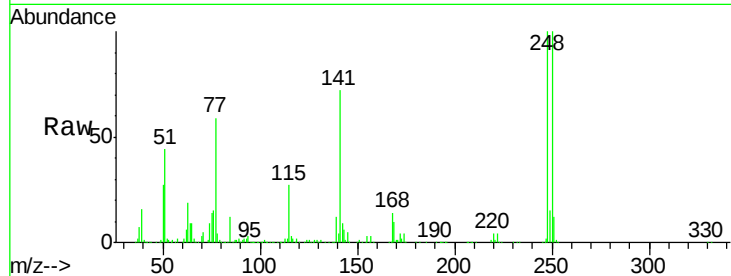
#67
 4-Bromophenyl-phenylether
 Concen: 61.549 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	77.4	116.2
141	71.6	55.6	83.4

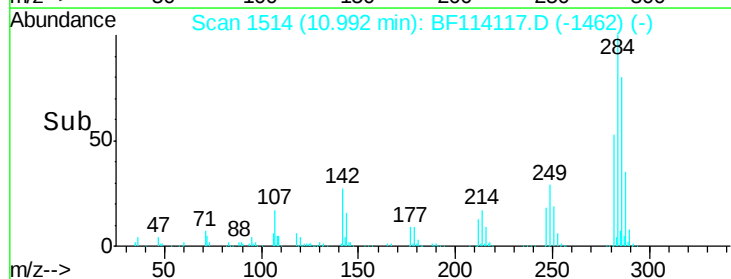
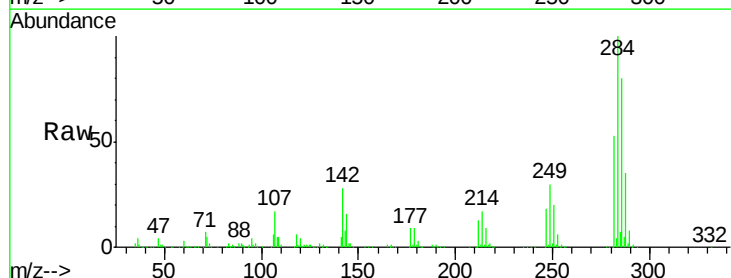
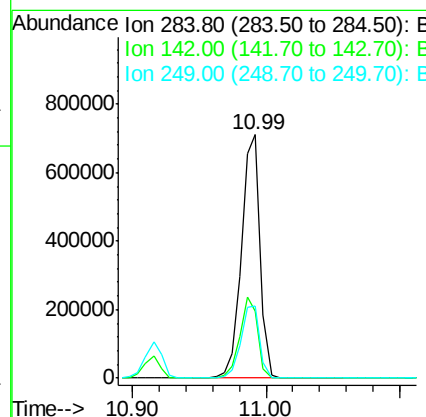
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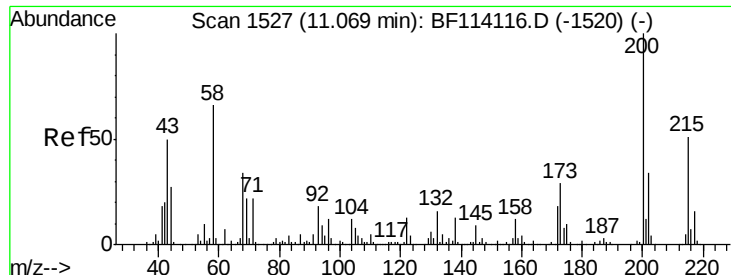
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#68
 Hexachlorobenzene
 Concen: 61.612 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.5	28.4	42.6#
249	29.9	25.2	37.8





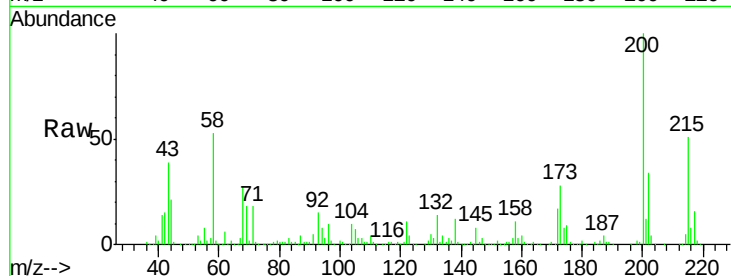
#69
Atrazine
Concen: 61.226 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

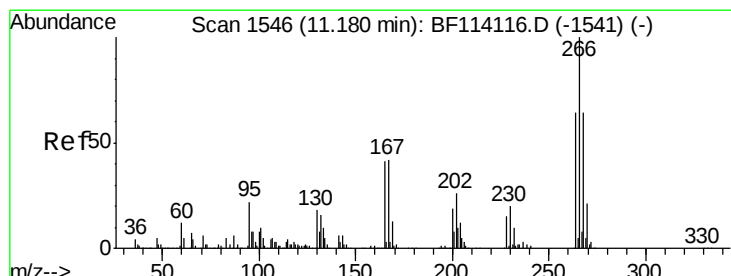
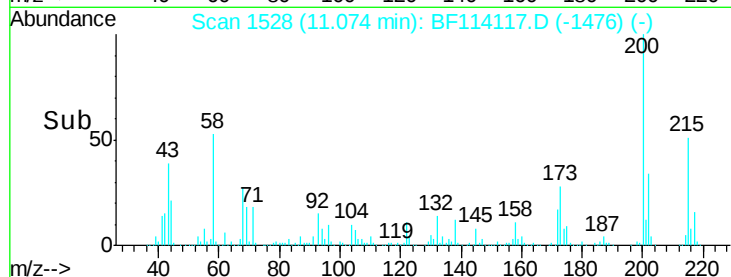
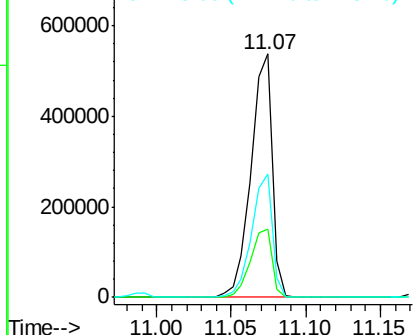
Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.9	8.9	48.9
215	50.9	30.7	70.7

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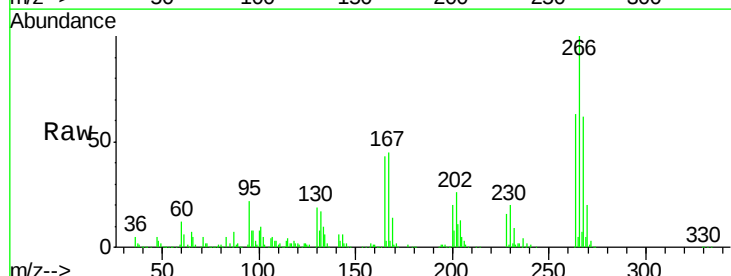


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

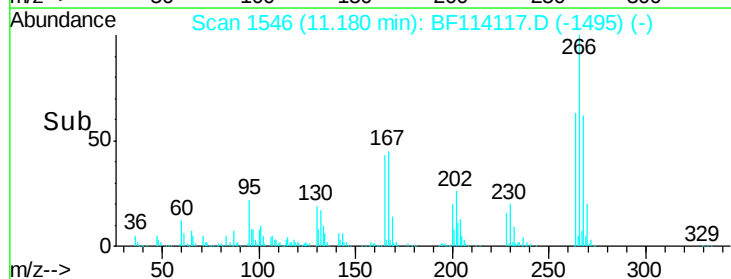
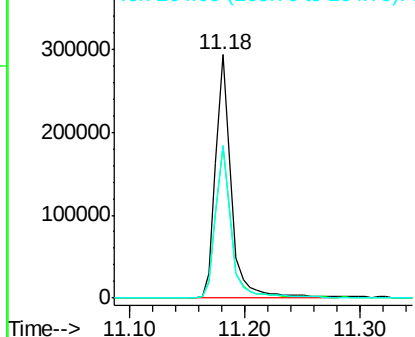


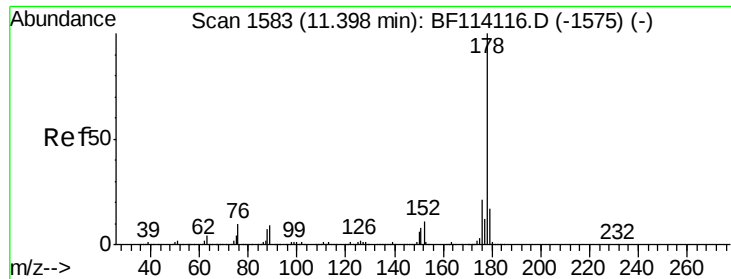
#70
Pentachlorophenol
Concen: 46.989 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.1	51.1	76.7
264	62.8	51.1	76.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.349 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:178 Resp: 2087953

Ion Ratio Lower Upper

178 100

176 20.1 16.4 24.6

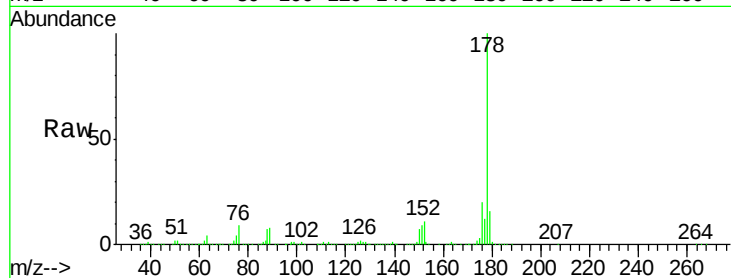
179 16.2 13.2 19.8

Manual Integrations

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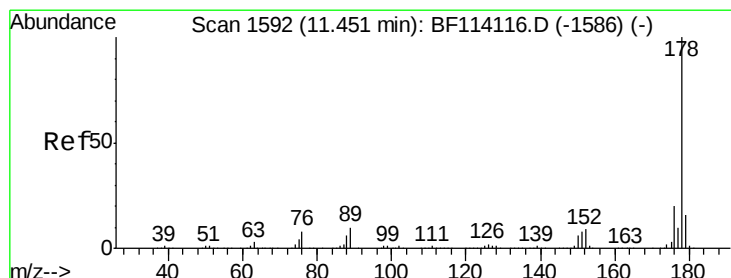
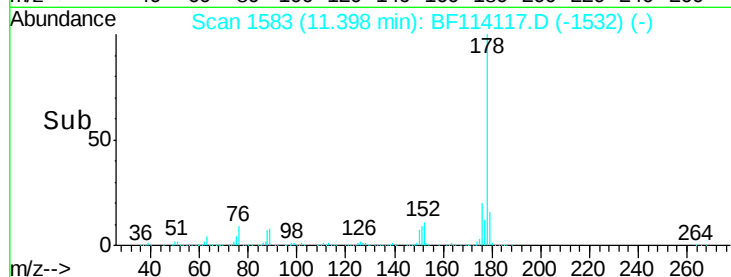
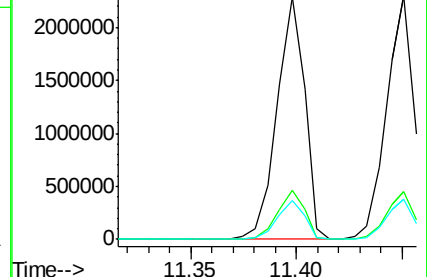
5/13/2019 8:34:14 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.710 ng

RT: 11.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Tgt Ion:178 Resp: 2081520

Ion Ratio Lower Upper

178 100

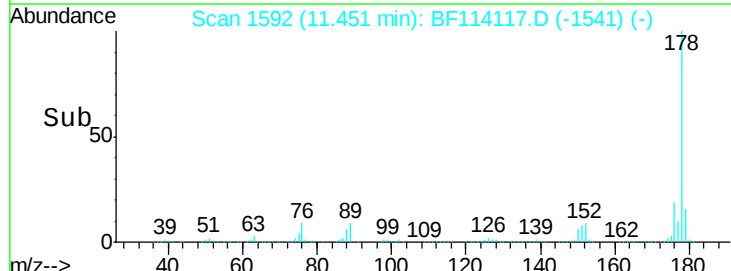
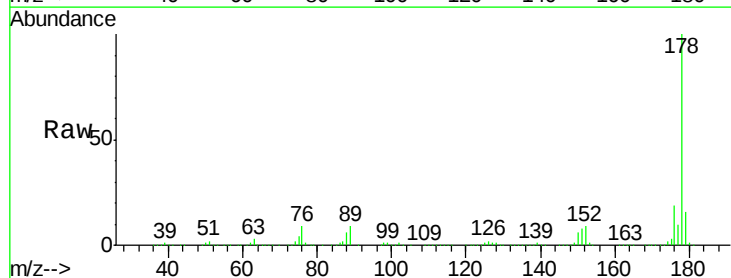
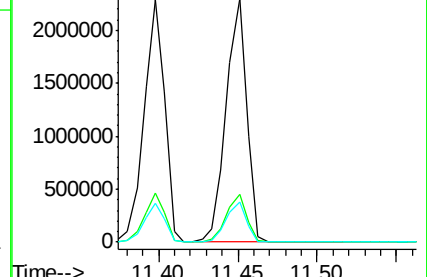
176 19.5 15.8 23.8

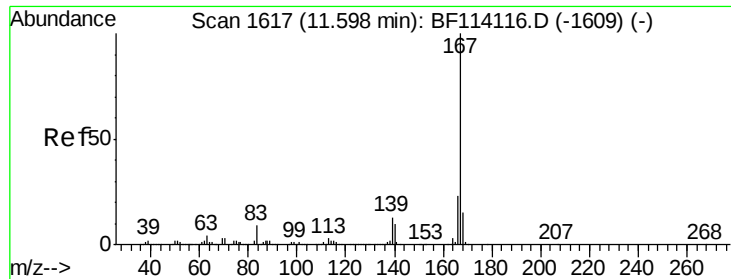
179 16.3 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





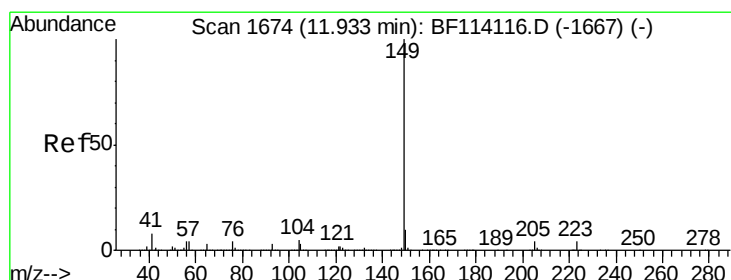
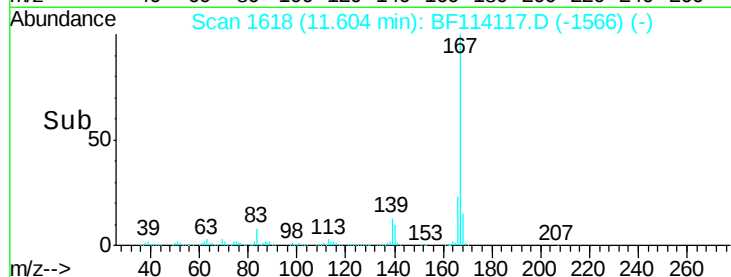
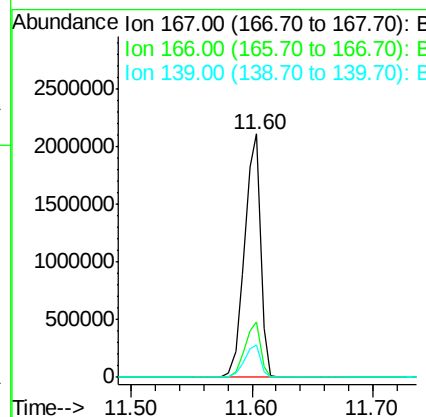
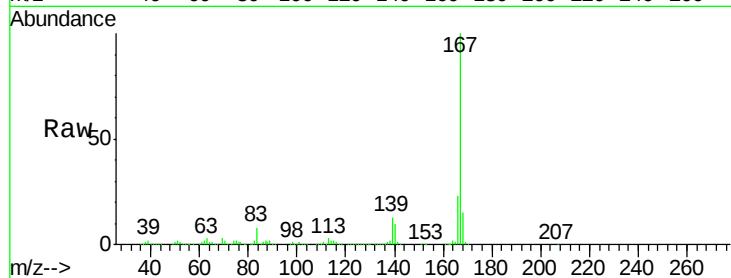
#73
 Carbazole
 Concen: 53.012 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:167 Resp: 1959112
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.2
 139 13.3 10.6 16.0

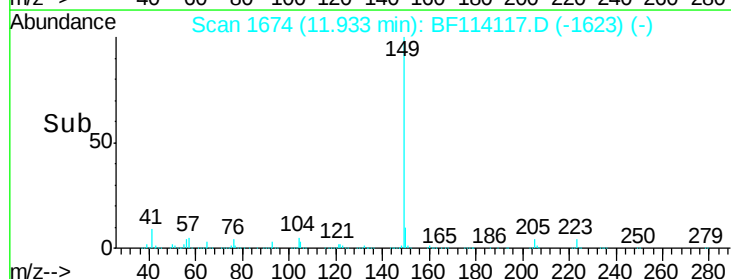
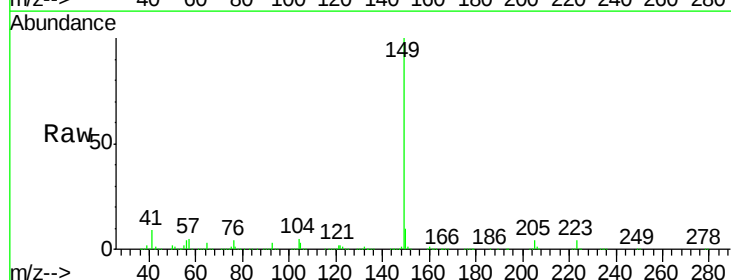
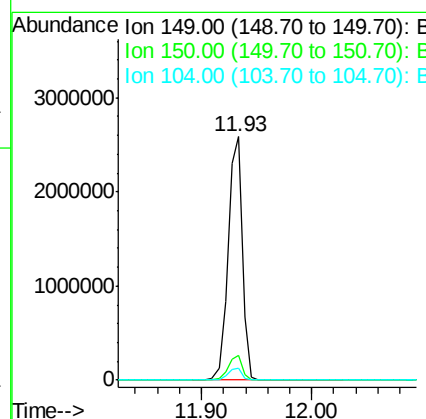
Manual Integrations
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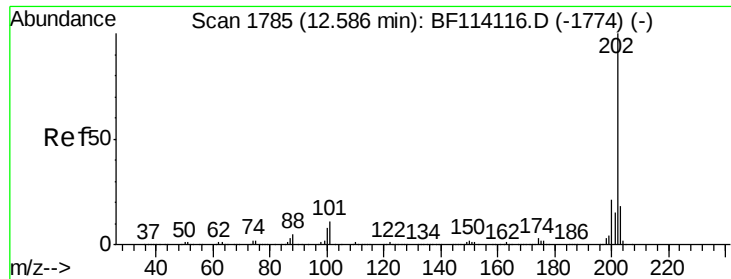
Sohil
 5/13/2019 8:34:14 PM



#74
 Di-n-butylphthalate
 Concen: 51.539 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion:149 Resp: 2324481
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 4.7 3.6 5.4





#75

Fluoranthene

Concen: 49.942 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

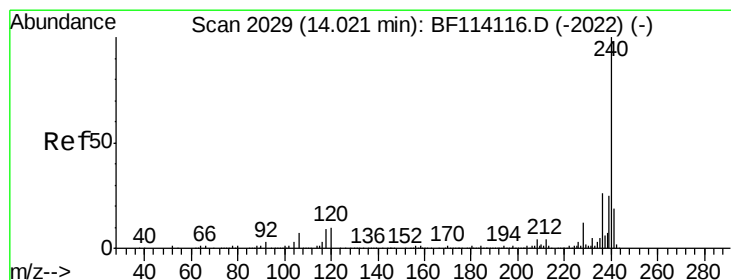
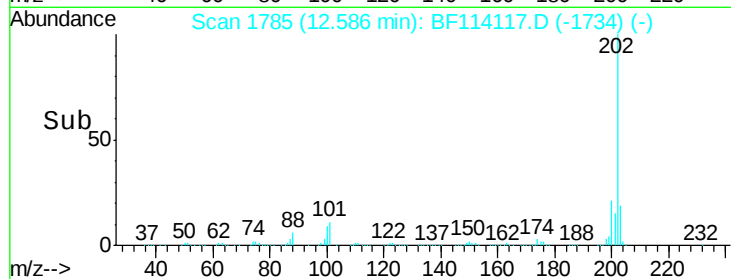
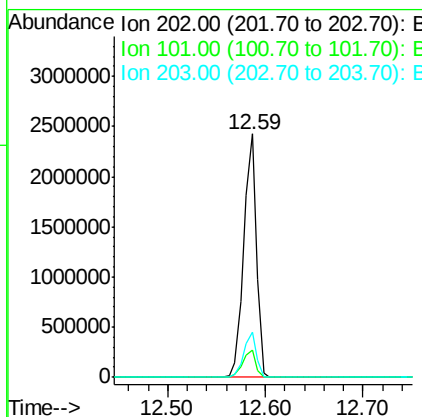
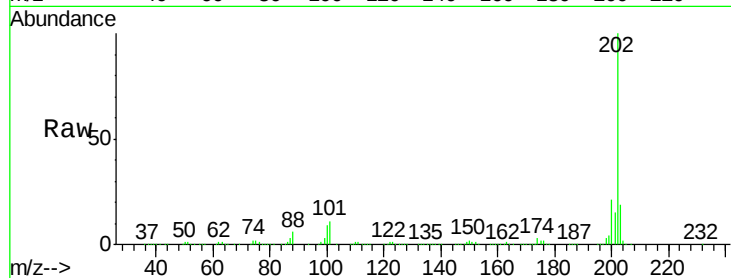
ClientSampleId :

SSTDIC050

Tgt Ion:	202	Resp:	2197963
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.0
203	18.7	0.0	38.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

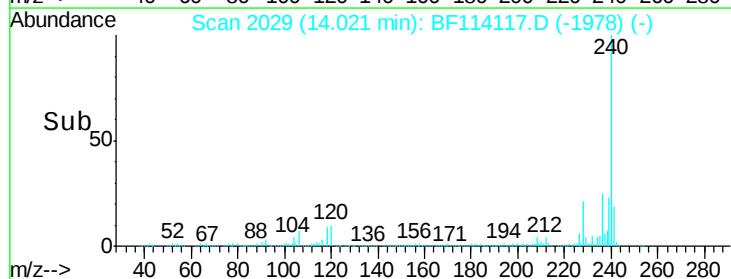
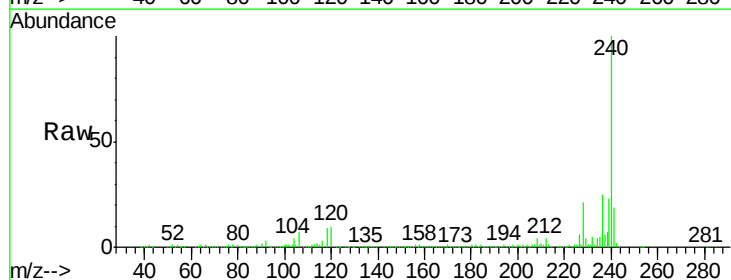
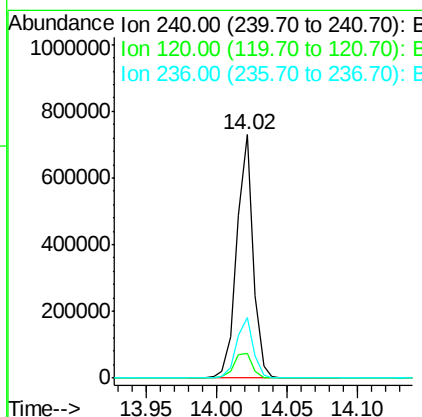
RT: 14.02 min Scan# 2029

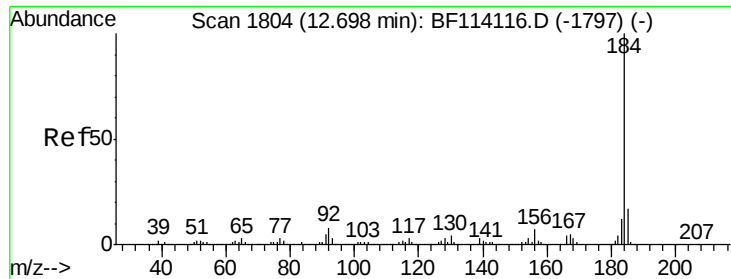
Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Tgt Ion:	240	Resp:	586826
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.3	12.5
236	25.1	20.8	31.2





#77

Benzidine

Concen: 75.384 ng

RT: 12.70 min Scan# 1805

Delta R.T. 0.01 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:184 Resp: 1273431

Ion Ratio Lower Upper

184 100

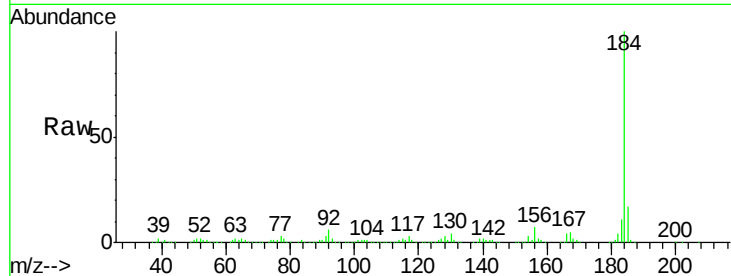
185 17.2 13.6 20.4

183 11.3 9.2 13.8

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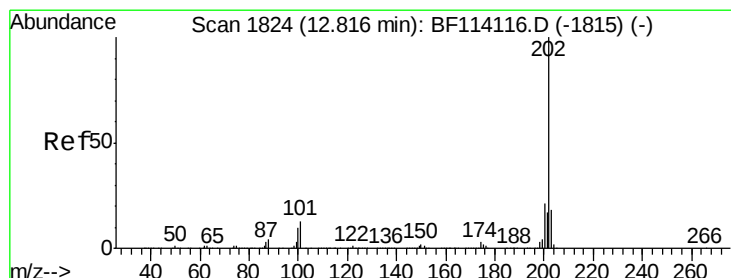
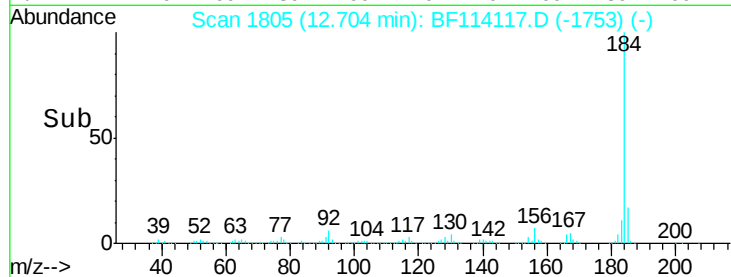
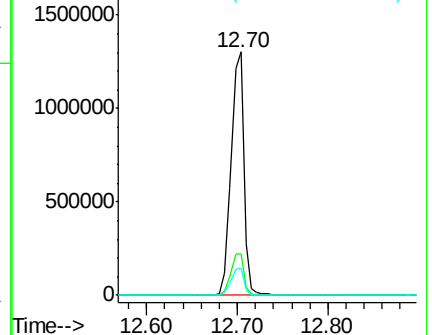
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 54.705 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF114117.D

Acq: 10 May 2019 10:59

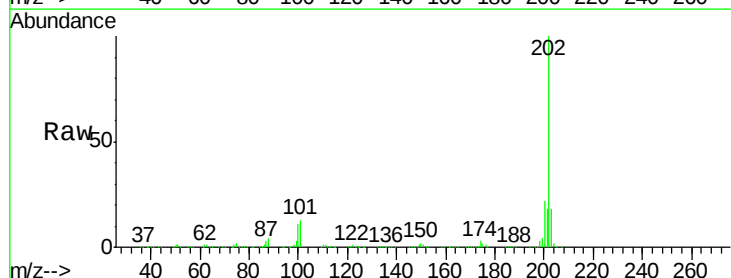
Tgt Ion:202 Resp: 2233649

Ion Ratio Lower Upper

202 100

200 21.9 16.9 25.3

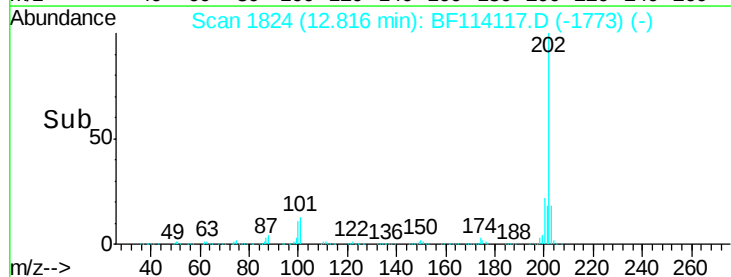
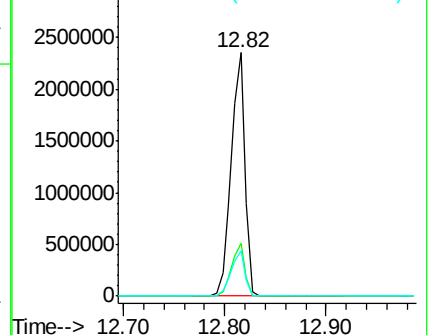
203 18.4 14.5 21.7

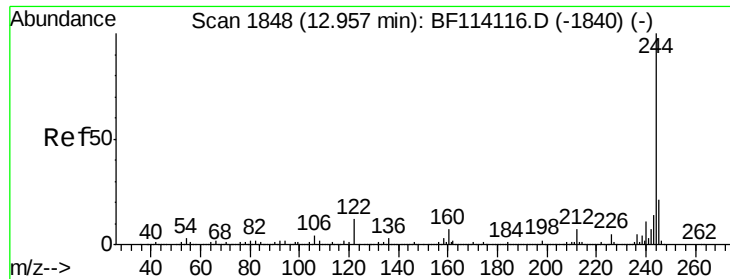


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





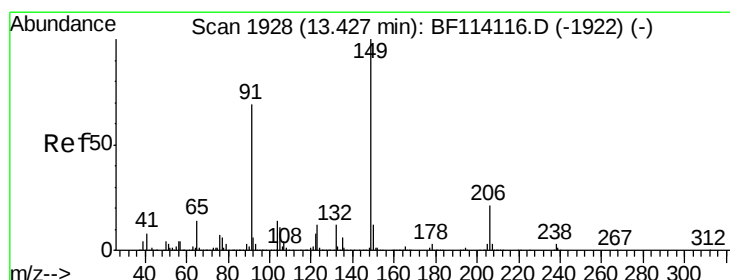
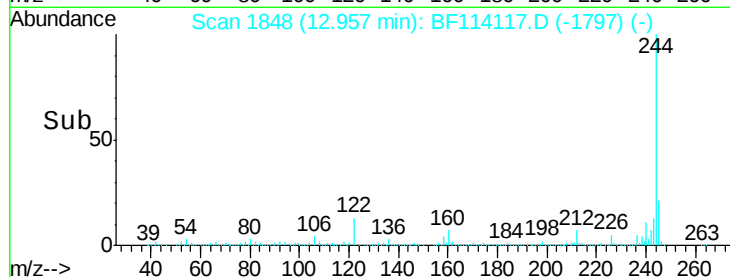
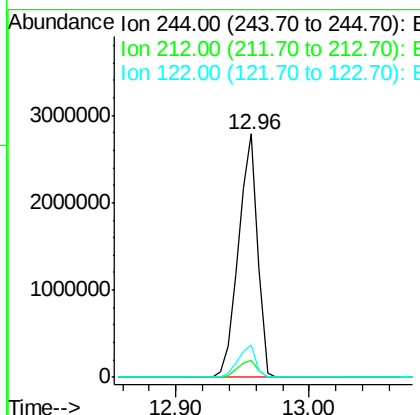
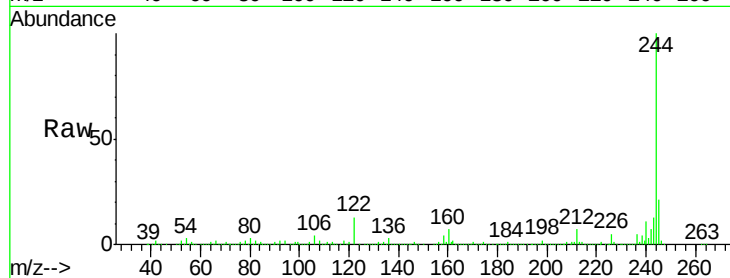
#79
 Terphenyl-d14
 Concen: 94.195 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:244 Resp: 2780089
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 13.1 9.4 14.2

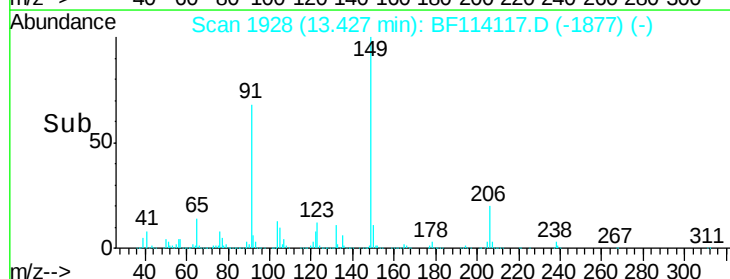
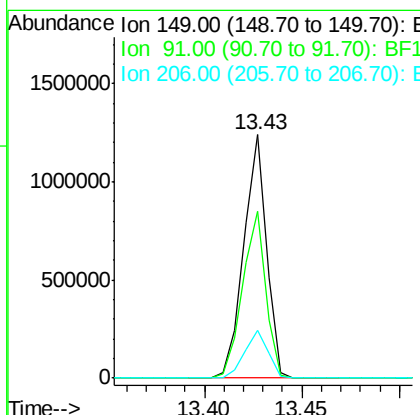
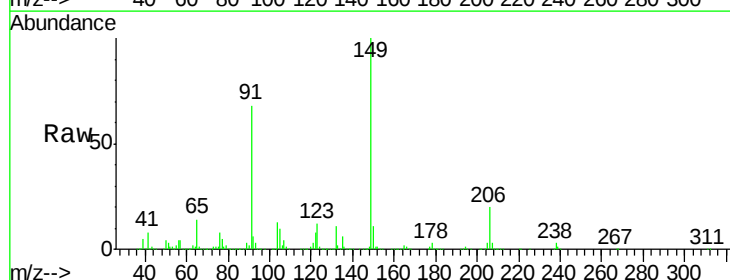
Manual Integrations
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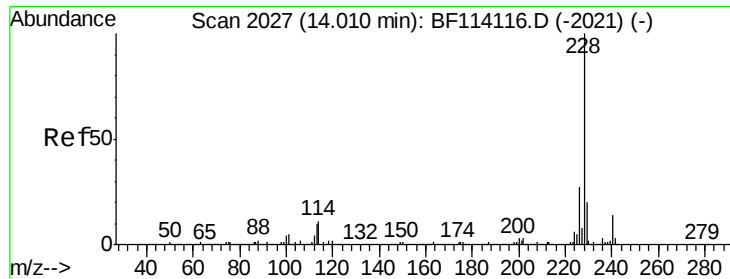
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#80
 Butylbenzylphthalate
 Concen: 57.172 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion:149 Resp: 1006969
 Ion Ratio Lower Upper
 149 100
 91 68.4 55.0 82.4
 206 19.9 16.9 25.3





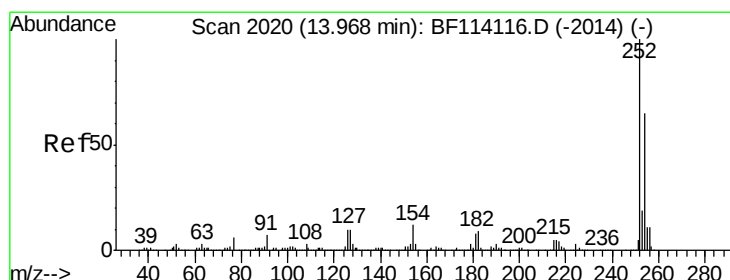
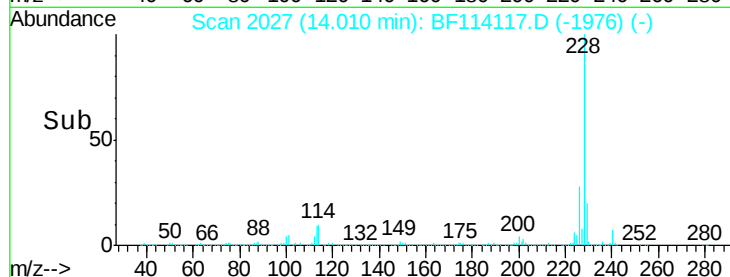
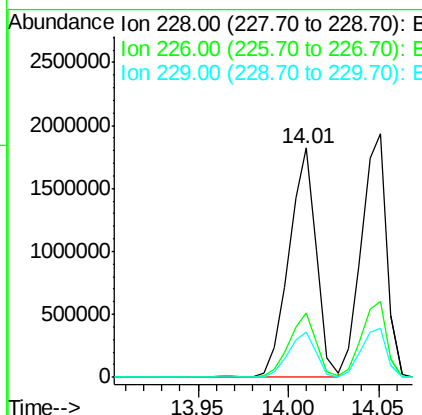
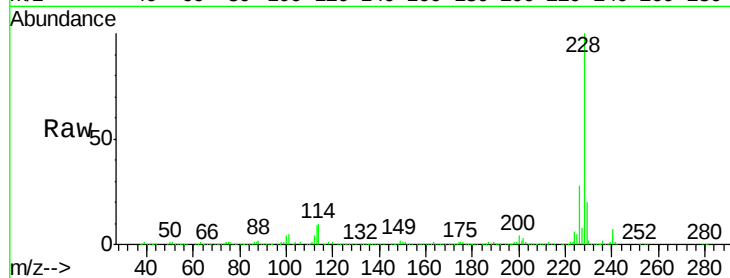
#81
Benzo(a)anthracene
Concen: 50.510 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.2
229	19.9	16.4	24.6

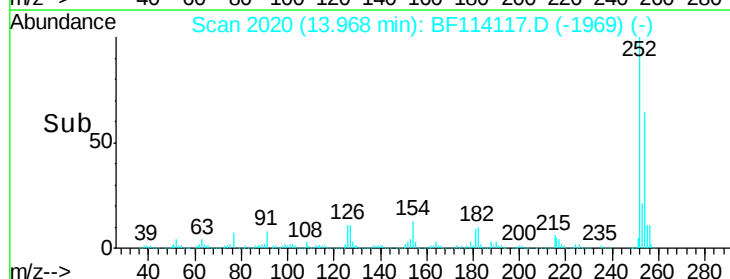
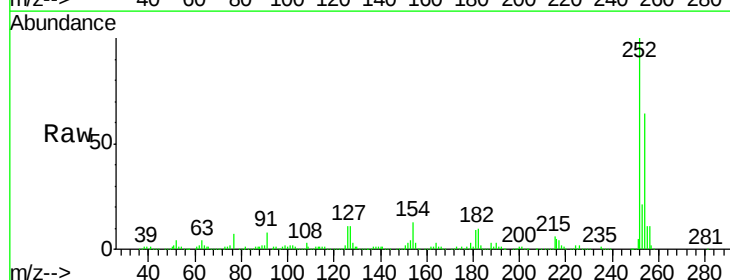
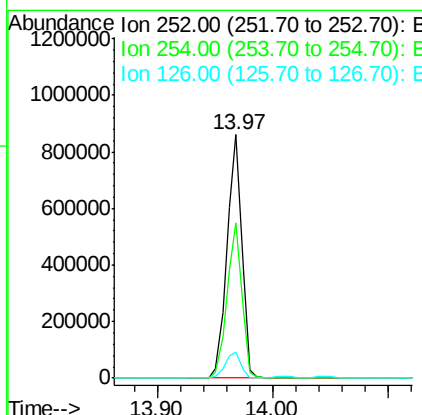
Manual Integrations
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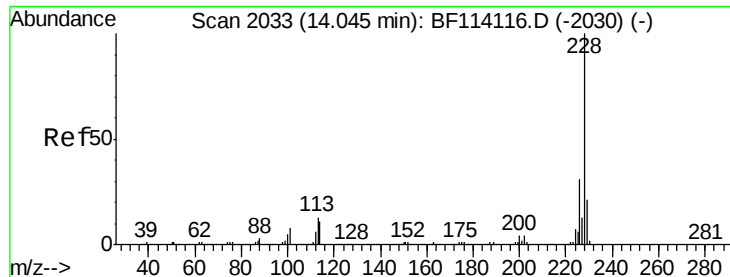
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 54.747 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	10.6	7.9	11.9





#83
Chrysene
 Concen: 50.538 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

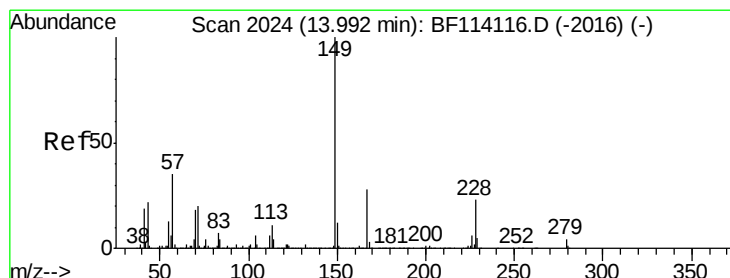
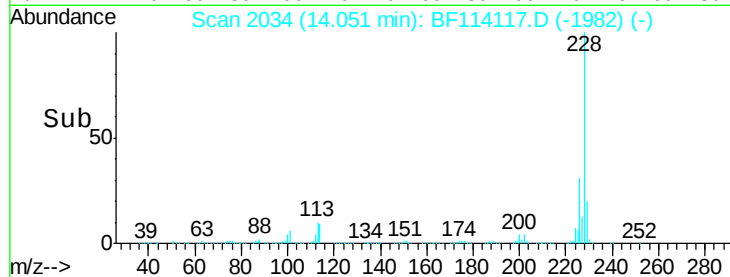
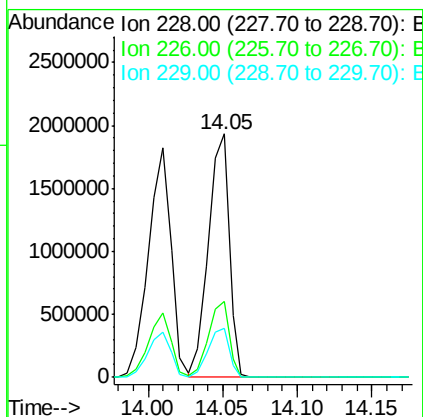
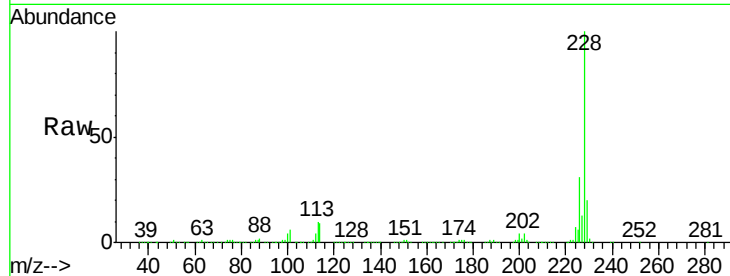
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 228 Resp: 1872888

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	20.2	17.0	25.6

Manual Integrations
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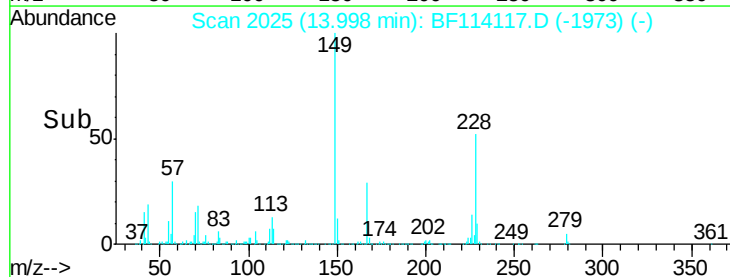
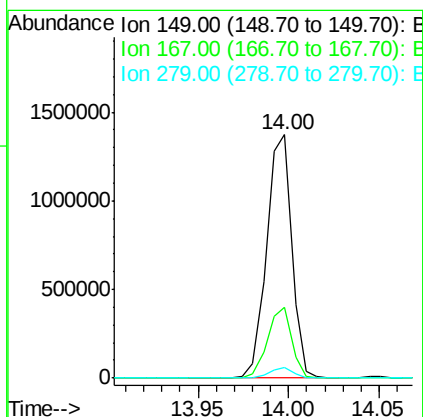
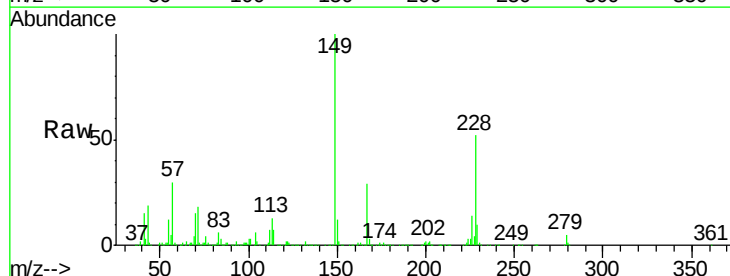
Sohil
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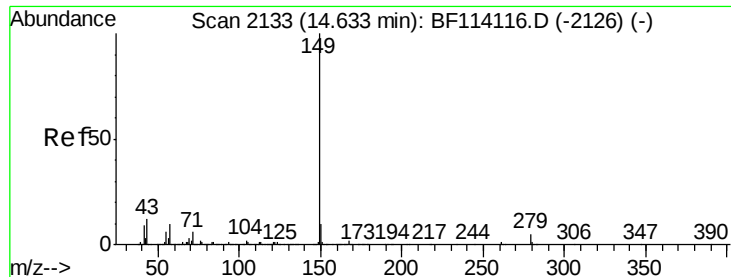


#84
Bis(2-ethylhexyl)phthalate
 Concen: 53.862 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.01 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion: 149 Resp: 1325979

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.6	33.8
279	4.6	3.0	4.6#





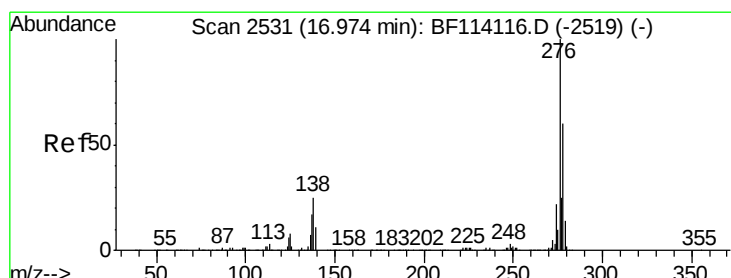
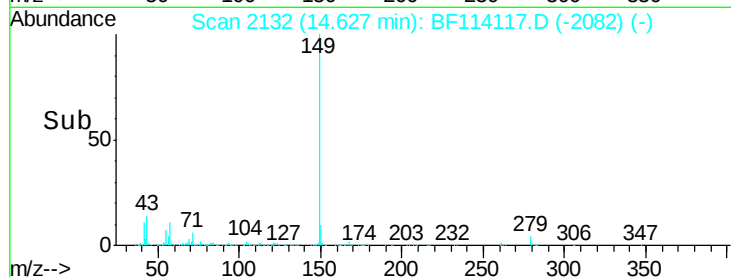
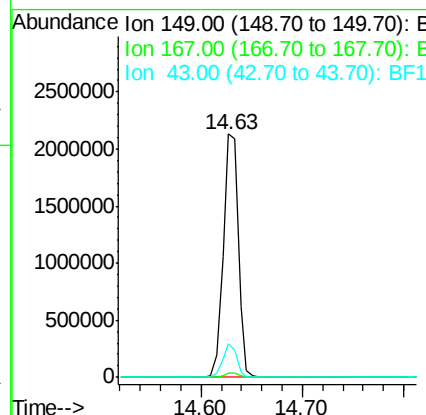
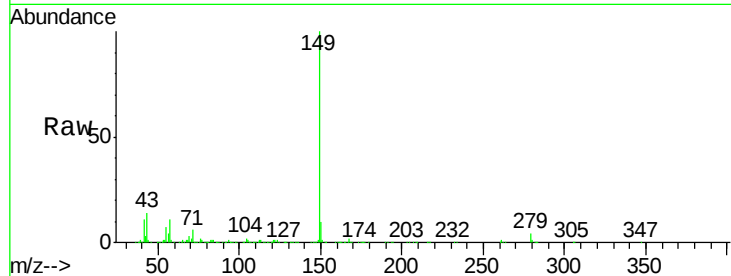
#85
Di-n-octyl phthalate
Concen: 53.785 ng
RT: 14.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.6	10.1	15.1

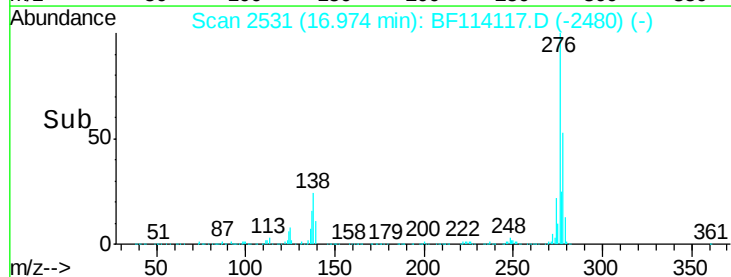
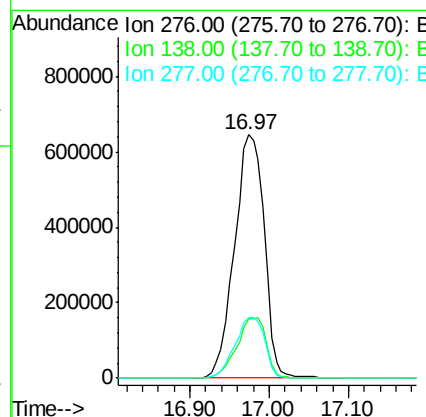
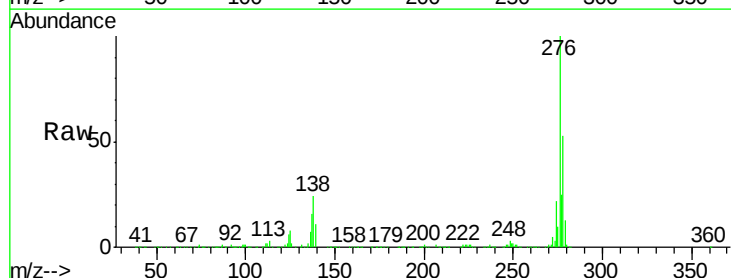
Manual Integrations
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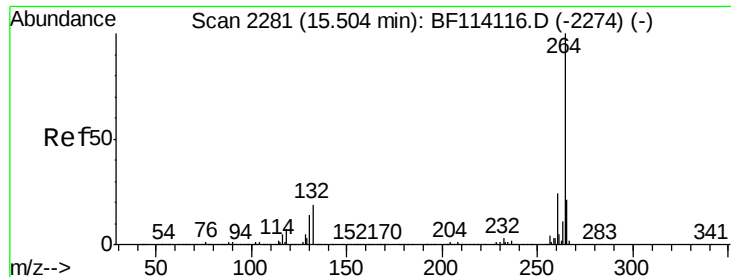
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.100 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.2	30.2
277	25.1	20.0	30.0





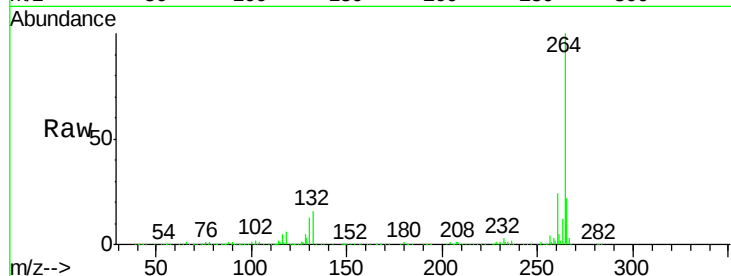
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

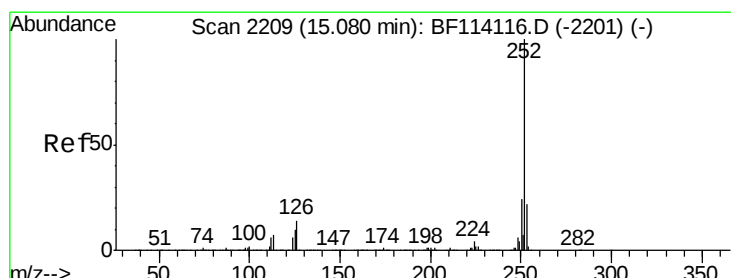
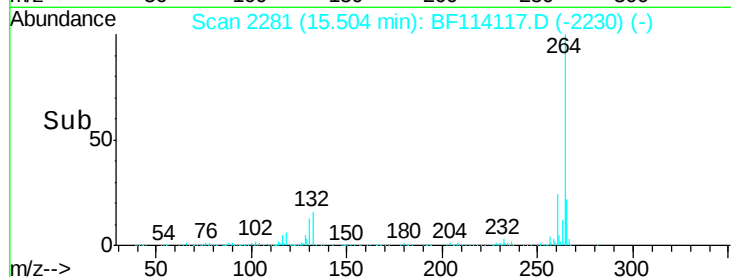
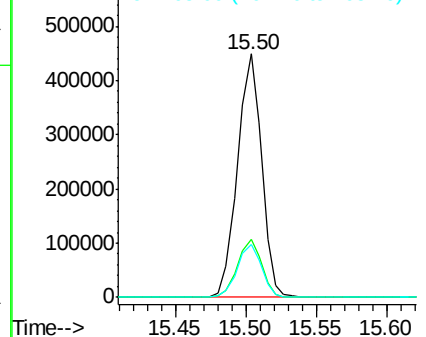
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.0
265	21.8	16.9	25.3

Manual Integrations
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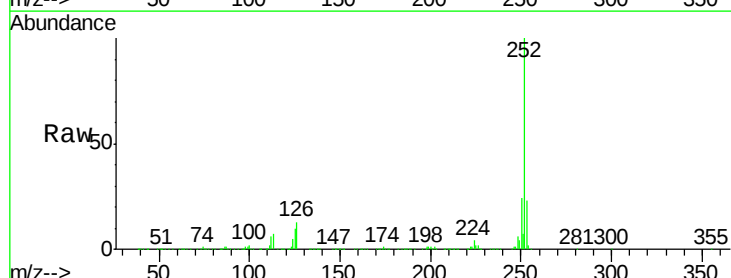


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

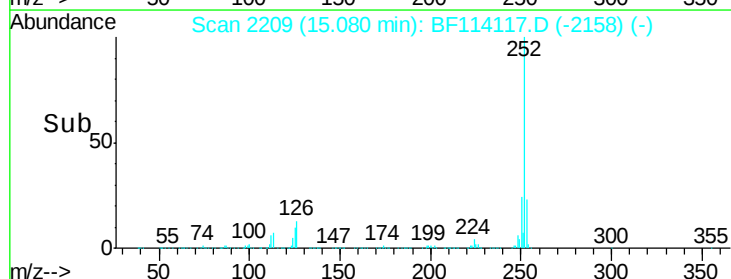
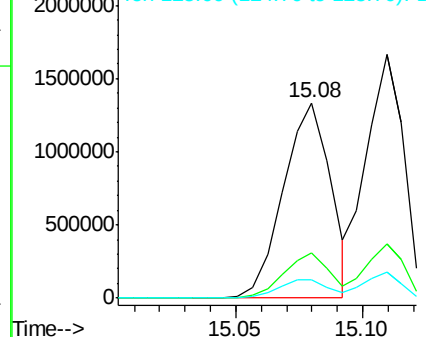


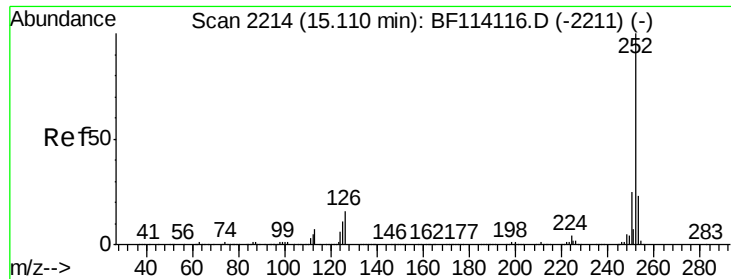
#88
 Benzo(b)fluoranthene
 Concen: 52.063 ng
 RT: 15.08 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BF114117.D
 Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	9.5	8.3	12.5



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E





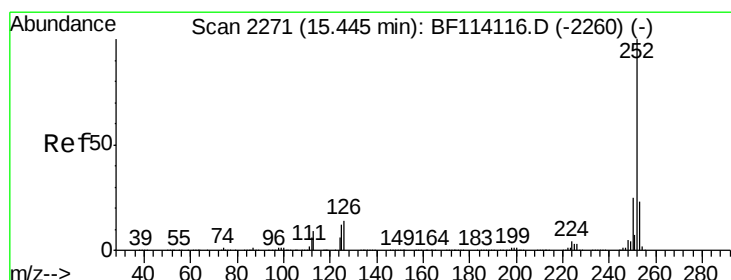
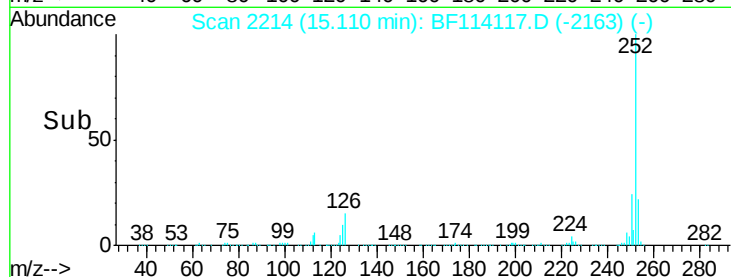
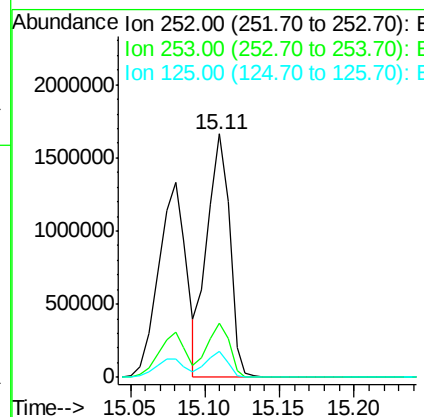
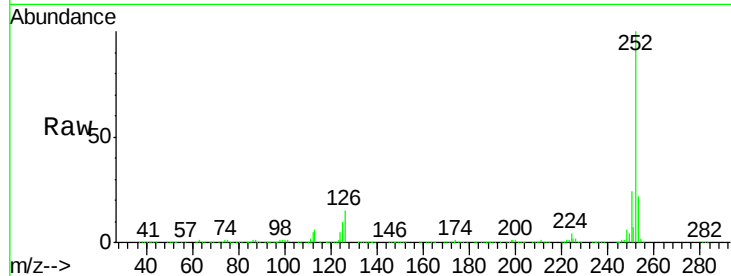
#89
Benzo(k)fluoranthene
Concen: 58.861 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	10.4	8.6	13.0

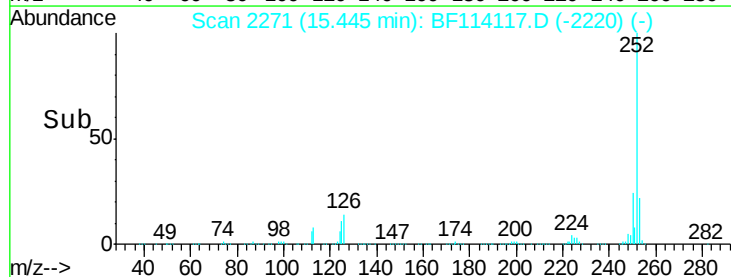
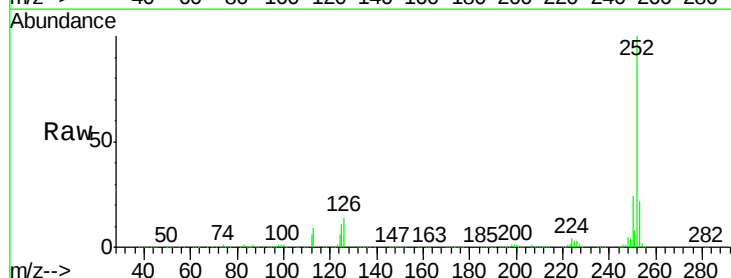
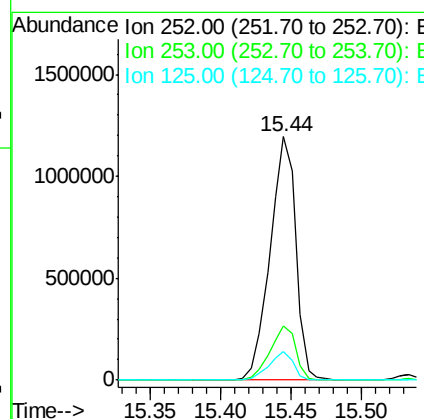
Manual Integrations
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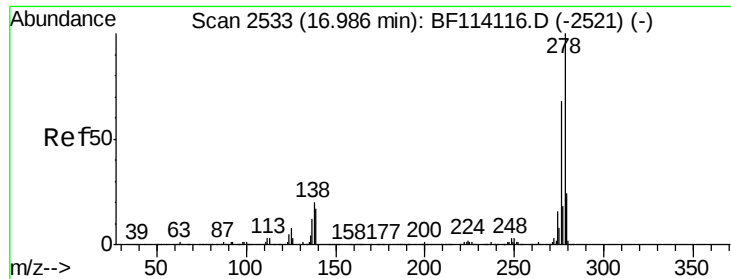
Sohil
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#90
Benzo(a)pyrene
Concen: 52.414 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.00 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	11.5	9.5	14.3





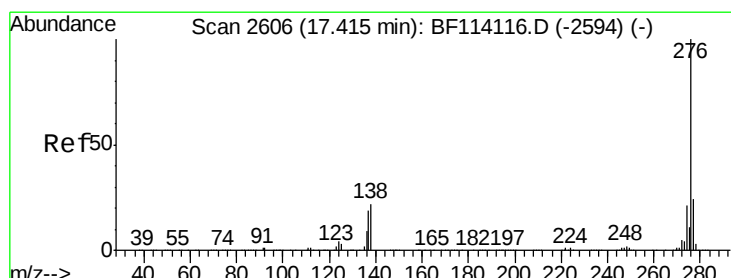
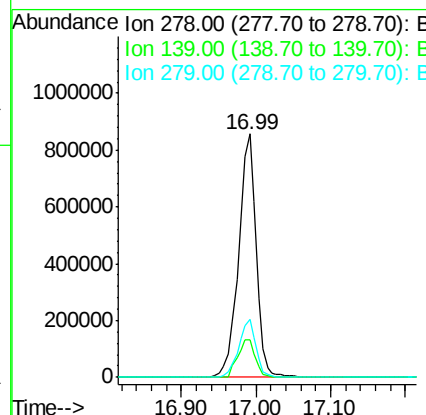
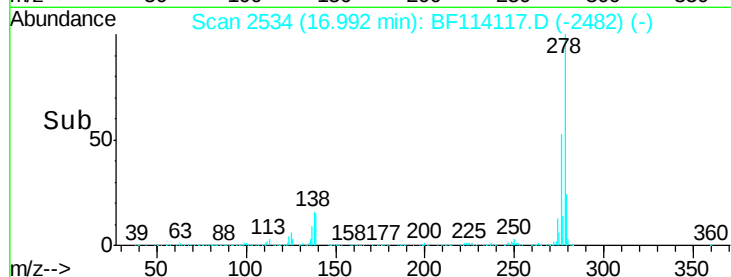
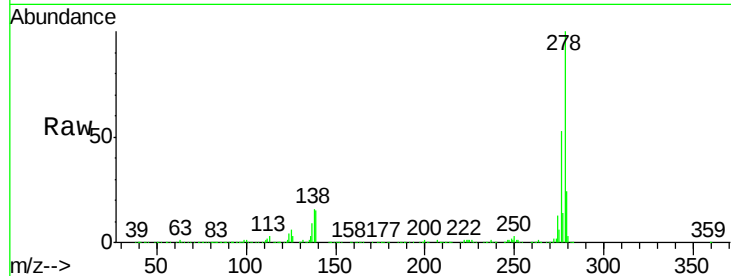
#91
Dibenzo(a,h)anthracene
Concen: 57.138 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:278 Resp: 1406446
Ion Ratio Lower Upper
278 100
139 15.4 13.5 20.3
279 23.6 19.0 28.6

Manual Integrations
APPROVED

Sohil
5/13/2019 8:34:14 PM



#92
Benzo(g,h,i)perylene
Concen: 72.447 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BF114117.D
Acq: 10 May 2019 10:59

Tgt Ion:276 Resp: 1757089
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 23.1 17.8 26.6

