

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118116.D
 Acq On : 6 Dec 2019 15:55
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
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mohammad
 12/9/2019 3:09:47 PM

Quant Time: Dec 06 16:34:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 15:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146921	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	538393	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	282719	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	532425	20.00	ng	0.00
76) Chrysene-d12	14.07	240	363172	20.00	ng	0.00
87) Perylene-d12	15.56	264	313401	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	966017	116.39	ng	0.00
7) Phenol-d6	6.51	99	1159915	115.86	ng	0.01
23) Nitrobenzene-d5	7.45	82	1125784	124.30	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	406544	135.83	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2131552	135.26	ng	0.00
79) Terphenyl-d14	13.01	244	2431426	122.36	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.62	88	205329	52.923 ng	99
3) Pyridine	3.38	79	536527	52.718 ng	99
4) n-Nitrosodimethylamine	3.35	42	230086	51.790 ng	99
6) Aniline	6.54	93	747798	56.525 ng	99
8) 2-Chlorophenol	6.66	128	544845	60.496 ng	96
9) Benzaldehyde	6.42	77	269258	43.056 ng	98
10) Phenol	6.52	94	666778	64.094 ng	90
11) bis(2-Chloroethyl)ether	6.61	93	486802	58.270 ng	96
12) 1,3-Dichlorobenzene	6.82	146	638864	60.252 ng	97
13) 1,4-Dichlorobenzene	6.89	146	636332	59.372 ng	98
14) 1,2-Dichlorobenzene	7.05	146	601287	58.660 ng	97
15) Benzyl Alcohol	7.02	79	458058	59.263 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	578236	44.956 ng	97
17) 2-Methylphenol	7.13	107	436586	57.242 ng	99
18) Hexachloroethane	7.39	117	238022	60.455 ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	355771	57.604 ng	98
20) 3+4-Methylphenols	7.28	107	539433	56.976 ng	# 83
22) Acetophenone	7.29	105	750513	62.046 ng	# 99
24) Nitrobenzene	7.46	77	548666	58.723 ng	99
25) Isophorone	7.70	82	952237	57.364 ng	98
26) 2-Nitrophenol	7.77	139	299392	65.834 ng	94
27) 2,4-Dimethylphenol	7.81	122	395971	56.034 ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	622730	59.117 ng	100
29) 2,4-Dichlorophenol	8.02	162	456647	59.574 ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	533638	60.019 ng	99
31) Naphthalene	8.19	128	1577000	62.830 ng	99
32) Benzoic acid	7.96	122	373685	63.156 ng	99
33) 4-Chloroaniline	8.23	127	686170	61.066 ng	99
34) Hexachlorobutadiene	8.30	225	322199	61.981 ng	99
35) Caprolactam	8.62	113	145641m	59.784 ng	
36) 4-Chloro-3-methylphenol	8.72	107	482381	62.010 ng	98
37) 2-Methylnaphthalene	8.87	142	1072414	63.236 ng	98
38) 1-Methylnaphthalene	8.97	142	1001222	62.448 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	500935	61.012 ng	99

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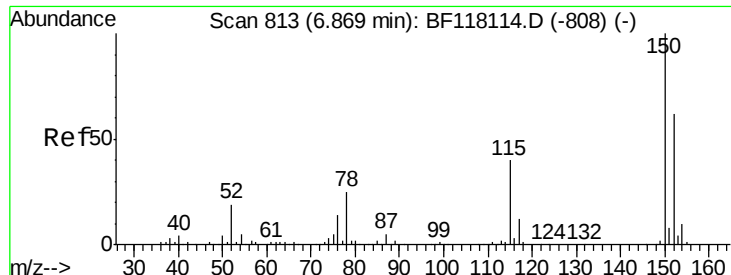
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	249017	54.121	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	338264	57.520	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	349623	57.260	nq	98
46) 1,1'-Biphenyl	9.35	154	1291201	61.559	nq	98
47) 2-Chloronaphthalene	9.37	162	1058437	61.340	nq	97
48) 2-Nitroaniline	9.47	65	308066	59.136	nq	94
49) Acenaphthylene	9.79	152	1538872	61.170	nq	99
50) Dimethylphthalate	9.65	163	1226725	61.876	nq	99
51) 2,6-Dinitrotoluene	9.71	165	267541	61.746	nq	100
52) Acenaphthene	9.96	154	949306	58.906	nq	97
53) 3-Nitroaniline	9.88	138	323215	62.340	nq	97
54) 2,4-Dinitrophenol	9.99	184	147600	76.735	nq	98
55) Dibenzofuran	10.13	168	1369662	61.375	nq	99
56) 4-Nitrophenol	10.04	139	228433	59.026	nq	99
57) 2,4-Dinitrotoluene	10.12	165	368527	66.862	nq	98
58) Fluorene	10.47	166	1091889	63.139	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	292355	58.274	nq	99
60) Diethylphthalate	10.35	149	1210250	62.615	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	548036	62.446	nq	94
62) 4-Nitroaniline	10.50	138	329250	63.425	nq	99
63) Azobenzene	10.63	77	1037749	59.015	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	185773	74.741	nq	93
66) n-Nitrosodiphenylamine	10.59	169	957143	61.771	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	355683	61.914	nq	# 93
68) Hexachlorobenzene	11.03	284	421490	62.921	nq	97
69) Atrazine	11.11	200	231744	45.465	nq	96
70) Pentachlorophenol	11.22	266	209415	53.510	nq	96
71) Phenanthrene	11.44	178	1638619	61.214	nq	100
72) Anthracene	11.49	178	1630521	61.435	nq	99
73) Carbazole	11.65	167	1474987	63.597	nq	99
74) Di-n-butylphthalate	11.97	149	1842637	63.811	nq	99
75) Fluoranthene	12.63	202	1700495	65.667	nq	97
77) Benzidine	12.75	184	578737	48.650	nq	98
78) Pyrene	12.87	202	1700612	57.943	nq	100
80) Butylbenzylphthalate	13.48	149	775125	61.490	nq	98
81) Benzo(a)anthracene	14.06	228	1474797	61.453	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	453825	54.061	nq	98
83) Chrysene	14.10	228	1407120	60.508	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1033638	67.634	nq	# 99
85) Di-n-octyl phthalate	14.66	149	1548257	68.960	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1145289	57.865	nq	100
88) Benzo(b)fluoranthene	15.12	252	1227024	60.261	nq	98
89) Benzo(k)fluoranthene	15.15	252	1208354m	62.983	nq	
90) Benzo(a)pyrene	15.50	252	1088355	60.785	nq	100
91) Dibenzo(a,h)anthracene	17.09	278	941626	61.100	nq	99
92) Benzo(g,h,i)perylene	17.53	276	911635	59.390	nq	99

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



#1

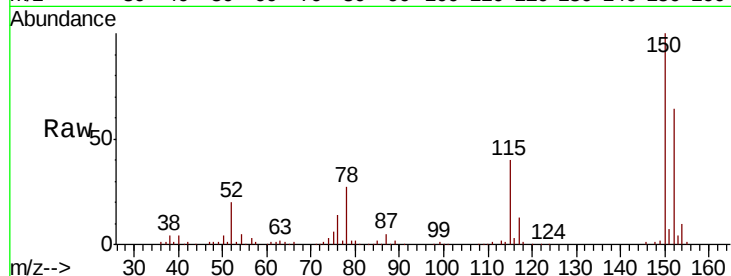
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	128.3	192.5
115	62.7	51.1	76.7

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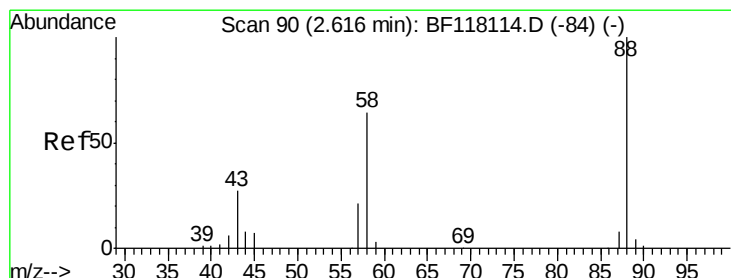
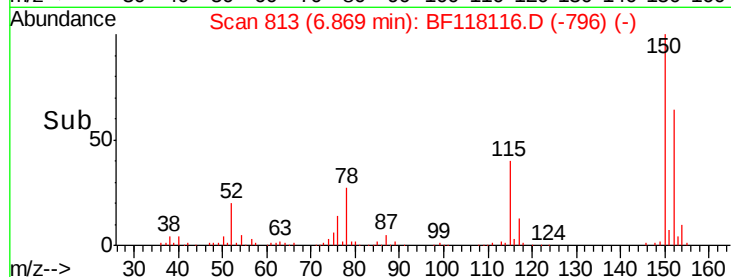
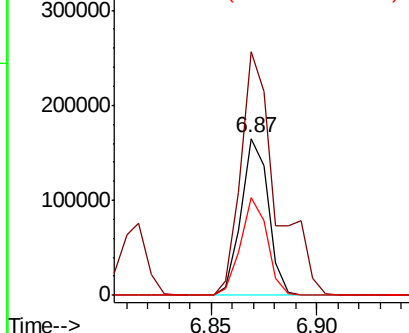


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

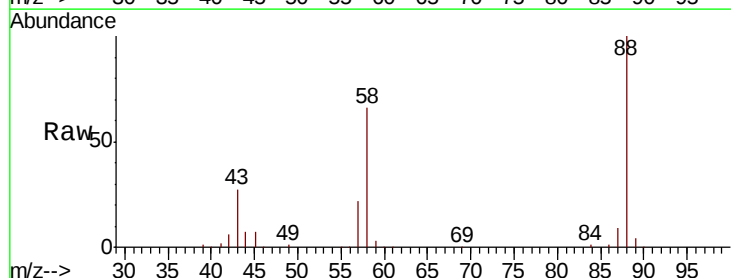
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 52.923 ng
RT: 2.62 min Scan# 90
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	52.2	78.4
43	26.9	21.4	32.2

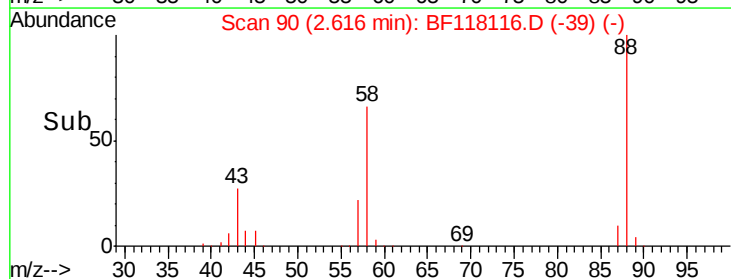
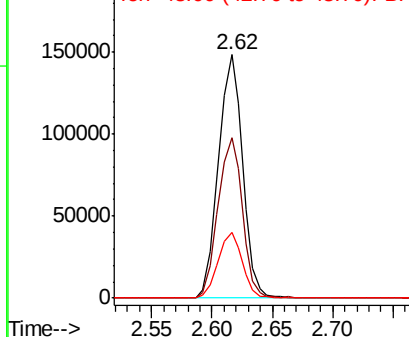


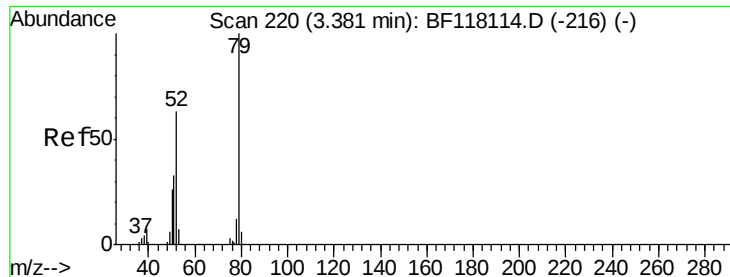
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 52.718 ng

RT: 3.38 min Scan# 220

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

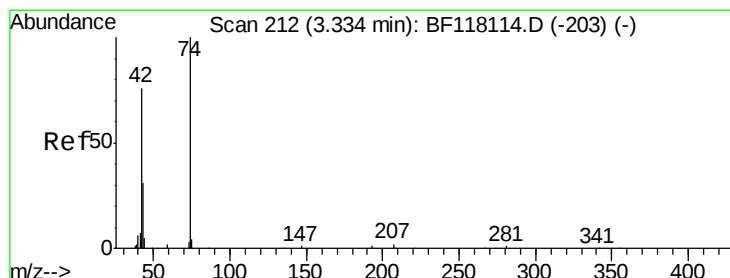
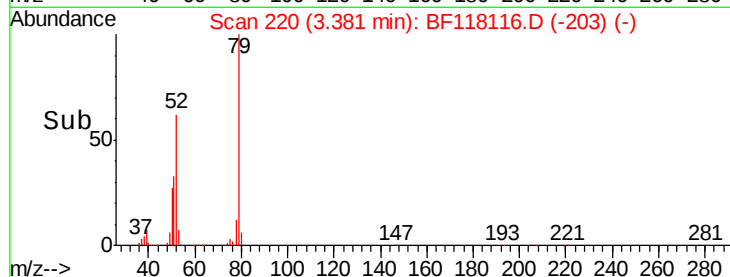
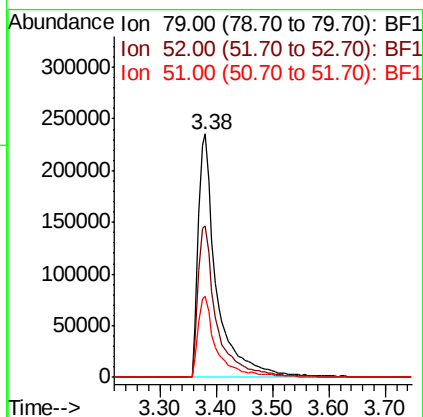
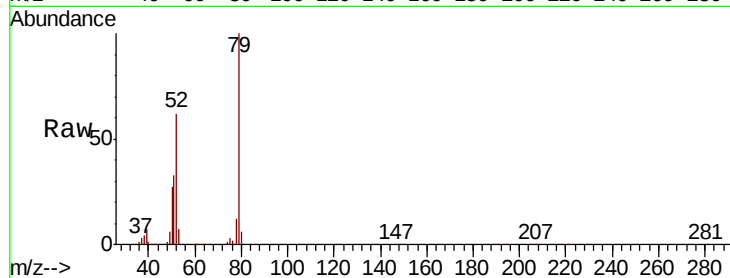
ClientSampleId :

SSTDICC060

Tot Ion:	79	Resp:	536527
Ion Ratio	Lower	Upper	
79	100		
52	62.4	50.7	76.1
51	33.3	26.4	39.6

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#4

n-Nitrosodimethylamine

Concen: 51.790 ng

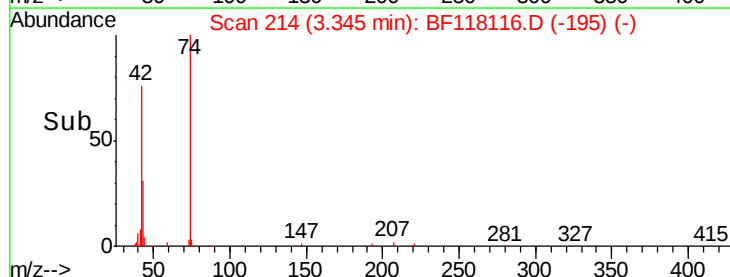
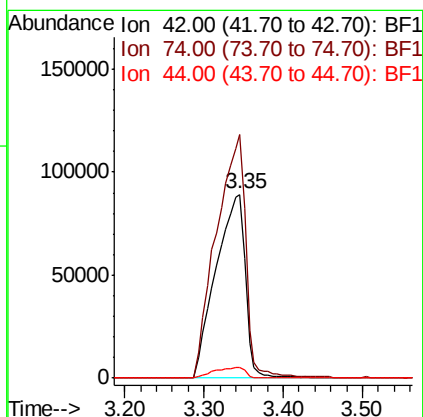
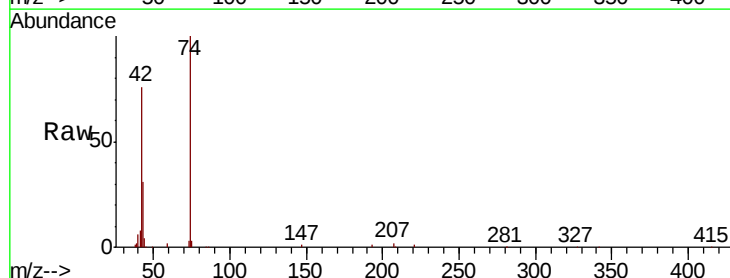
RT: 3.35 min Scan# 214

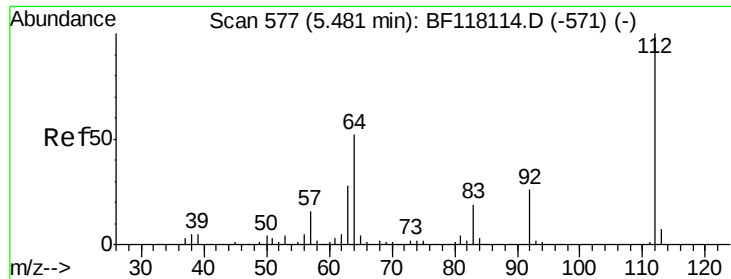
Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Tgt Ion:	42	Resp:	230086
Ion Ratio	Lower	Upper	
42	100		
74	132.3	104.6	157.0
44	5.9	5.1	7.7





#5

2-Fluorophenol

Concen: 116.386 ng

RT: 5.48 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

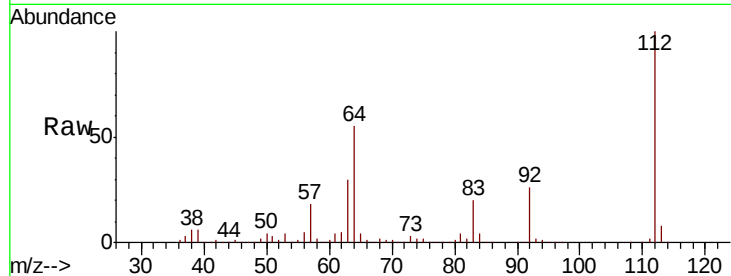
ClientSampleId :

SSTDICC060

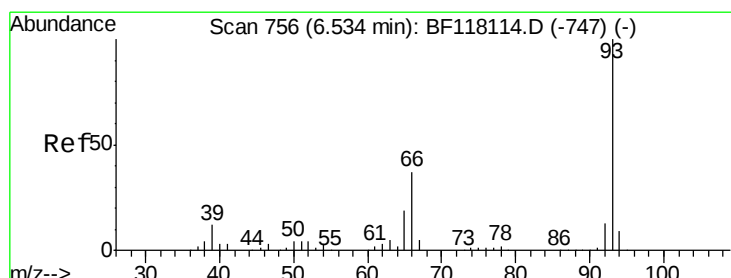
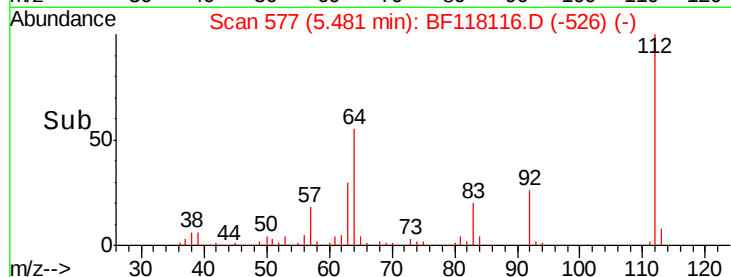
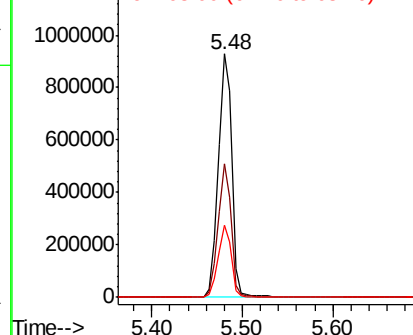
Tot Ion:	112	Resp:	966017
Ion Ratio	Lower	Upper	
112	100		
64	54.9	41.3	61.9
63	29.8	22.4	33.6

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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: 56.525 ng

RT: 6.54 min Scan# 757

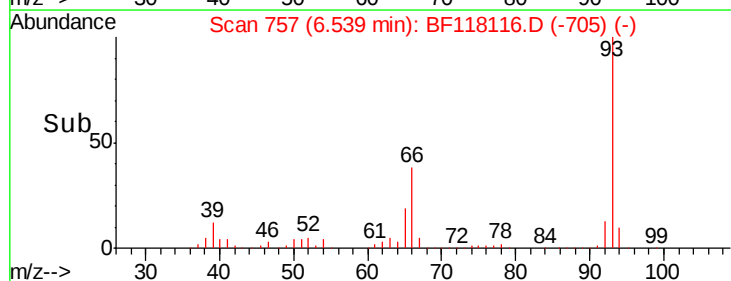
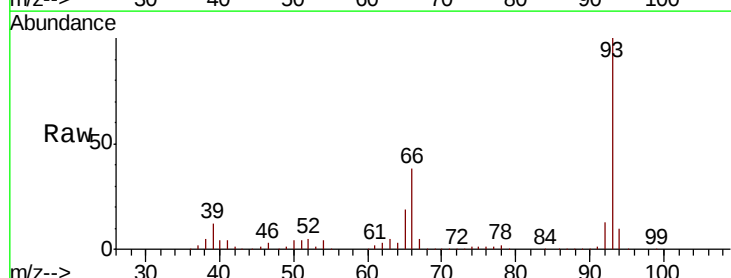
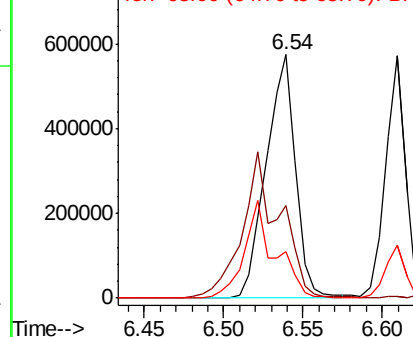
Delta R.T. 0.01 min

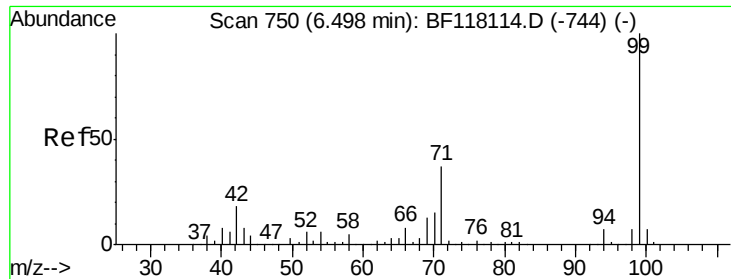
Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Tgt Ion:	93	Resp:	747798
Ion Ratio	Lower	Upper	
93	100		
66	38.2	30.2	45.2
65	19.0	15.5	23.3

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: 115.861 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 1159915

Ion Ratio Lower Upper

99 100

42 17.8 14.1 21.1

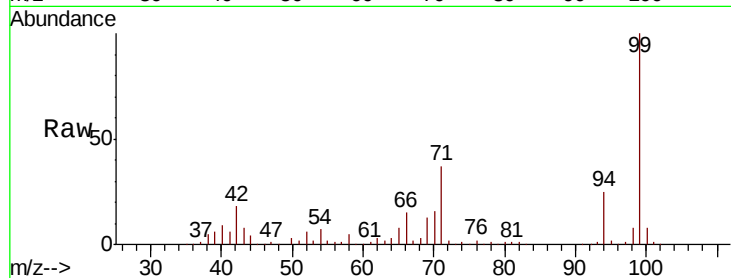
71 36.8 29.7 44.5

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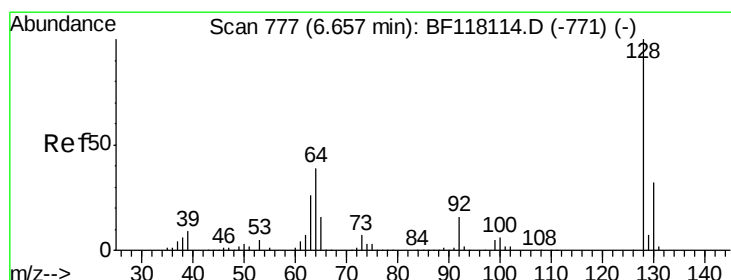
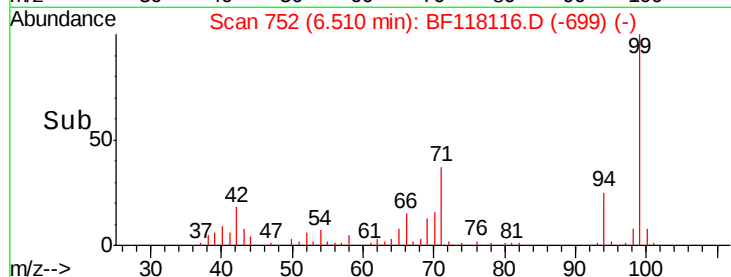
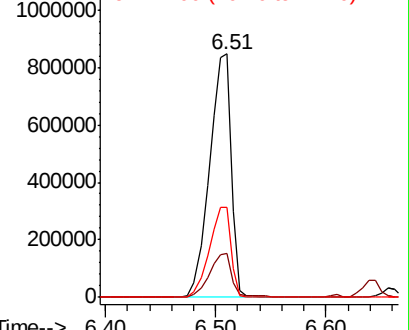
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 60.496 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

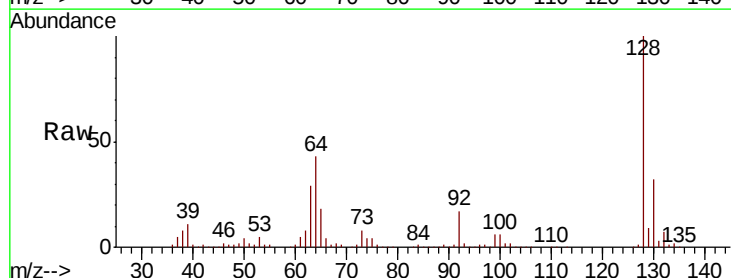
Tgt Ion:128 Resp: 544845

Ion Ratio Lower Upper

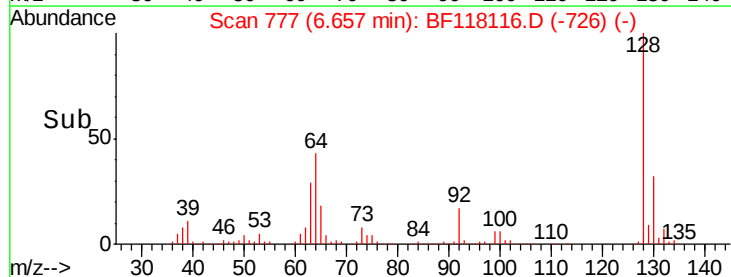
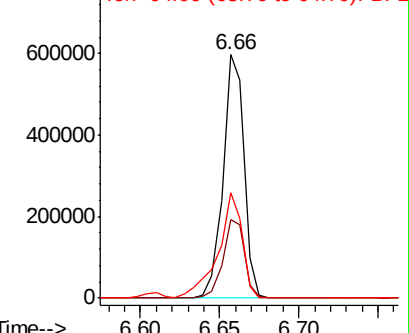
128 100

130 32.4 12.1 52.1

64 43.1 19.3 59.3



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: 43.056 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

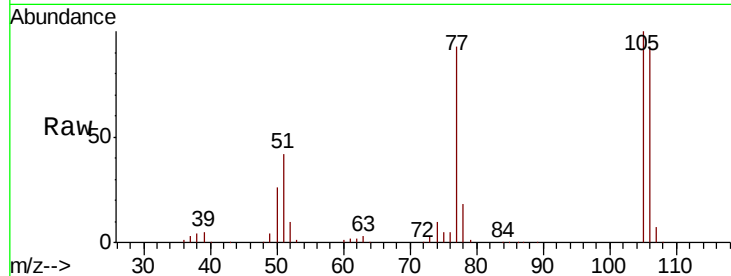
ClientSampleId :

SSTDIC060

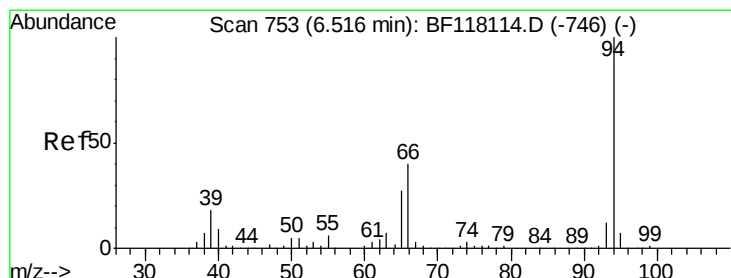
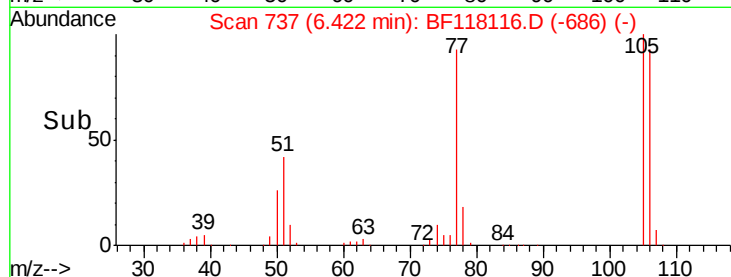
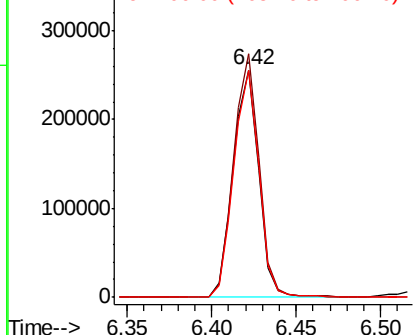
Tot Ion:	77	Resp:	269258
Ion Ratio	Lower	Upper	
77	100		
105	107.0	86.4	126.4
106	99.8	83.8	123.8

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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 64.094 ng

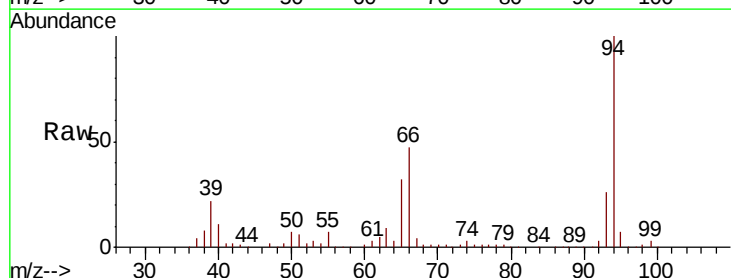
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

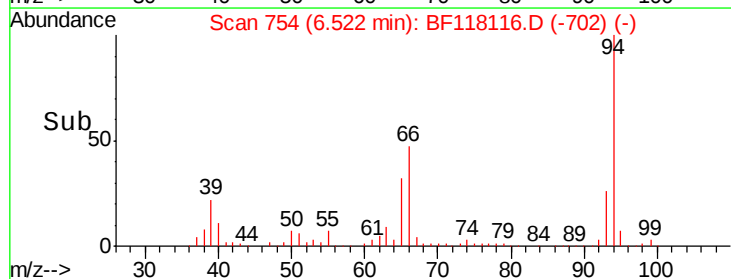
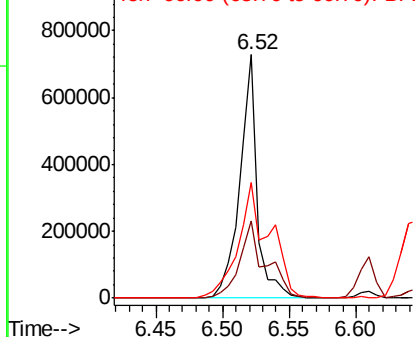
Lab File: BF118116.D

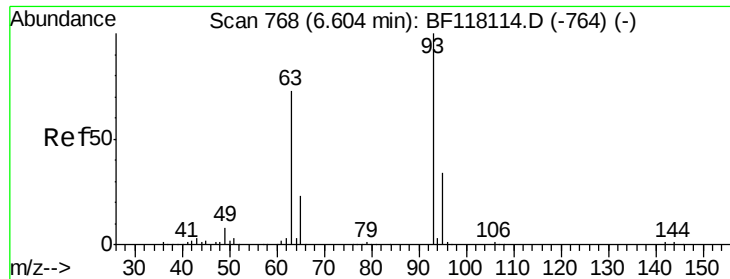
Acq: 6 Dec 2019 15:55

Tgt Ion:	94	Resp:	666778
Ion Ratio	Lower	Upper	
94	100		
65	31.5	7.3	47.3
66	47.4	20.2	60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





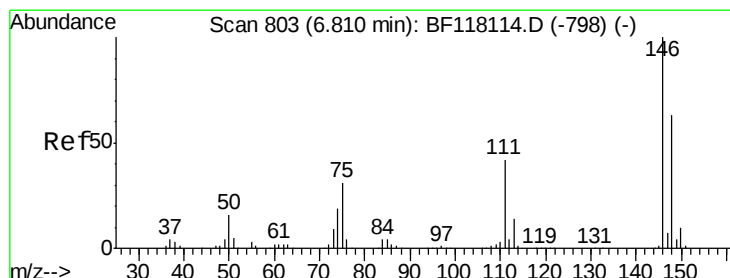
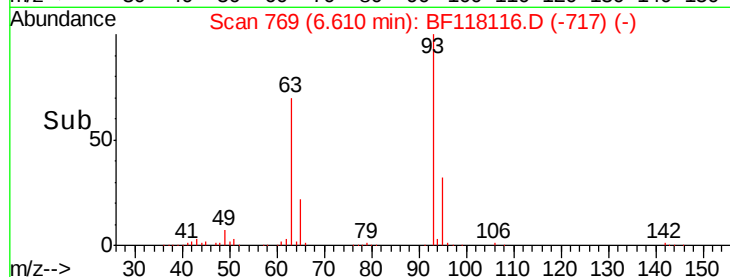
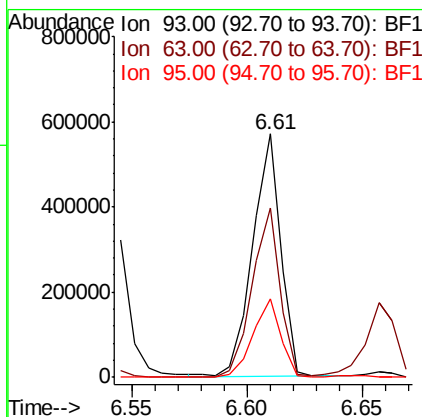
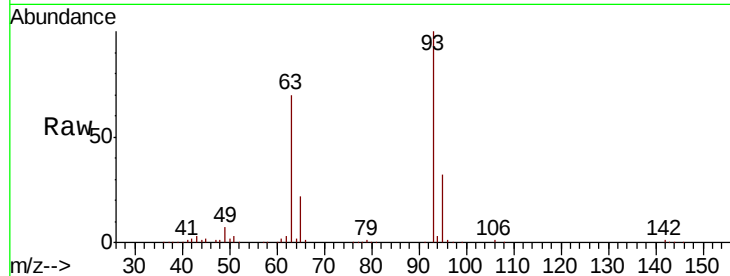
#11
bis(2-Chloroethyl)ether
Concen: 58.270 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:	93	Resp:	486802
Ion Ratio	Lower	Upper	
93	100		
63	69.6	53.2	93.2
95	32.3	13.8	53.8

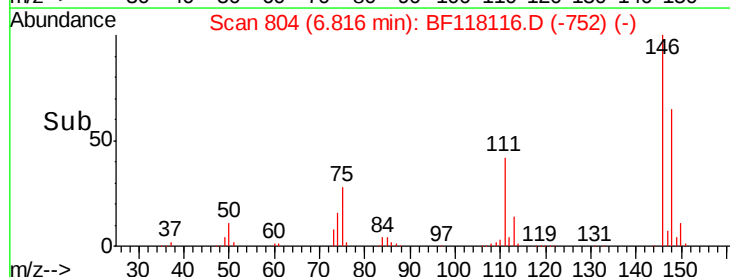
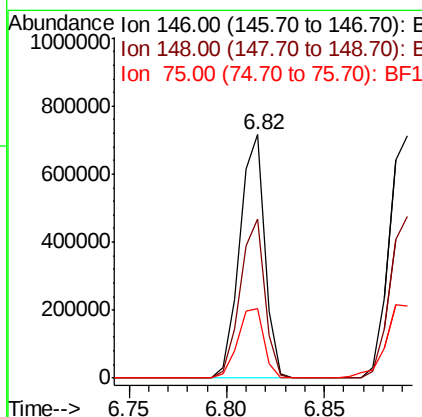
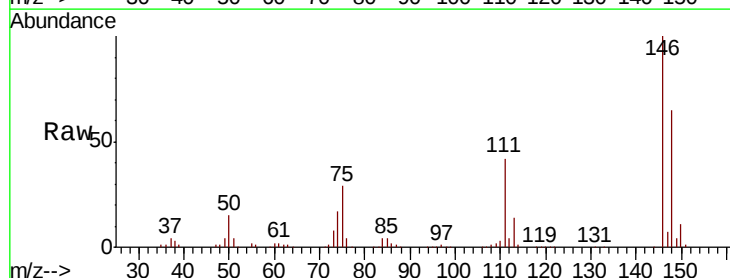
Manual Integrations
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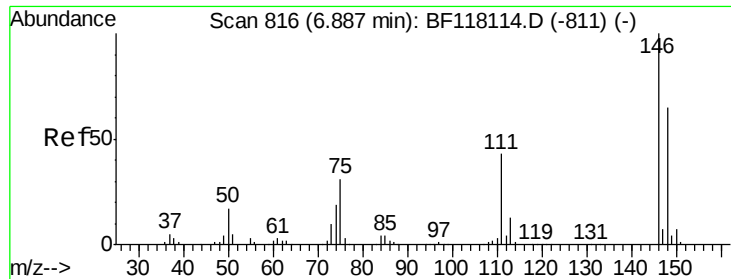
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#12
1,3-Dichlorobenzene
Concen: 60.252 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:	146	Resp:	638864
Ion Ratio	Lower	Upper	
146	100		
148	65.3	50.2	75.4
75	28.8	24.6	37.0





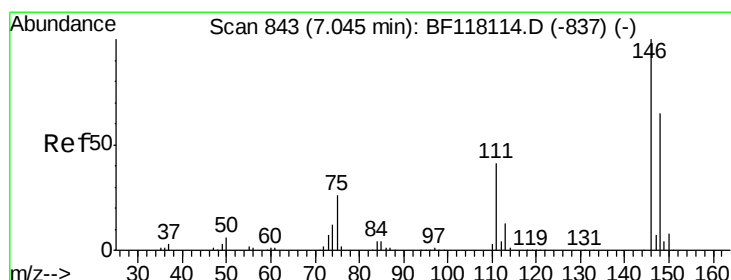
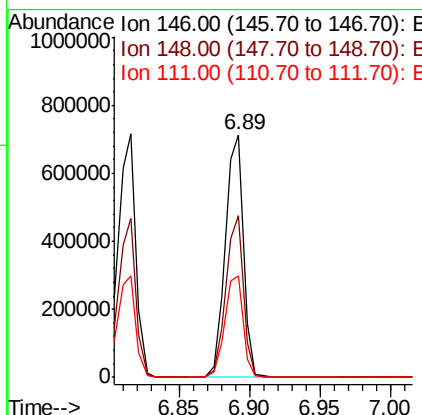
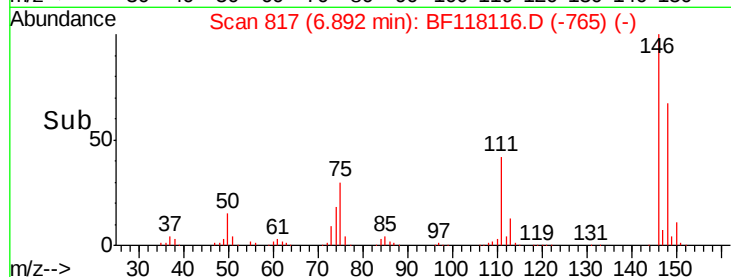
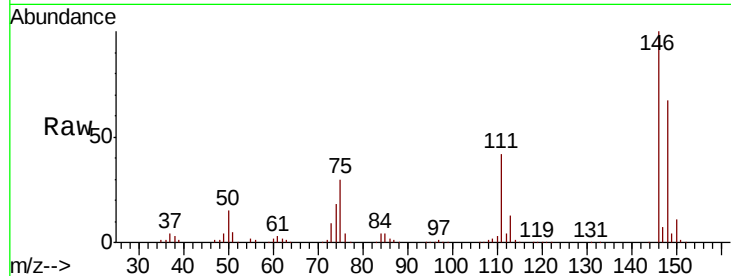
#13
 1,4-Dichlorobenzene
 Concen: 59.372 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.1	78.1
111	41.7	34.6	52.0

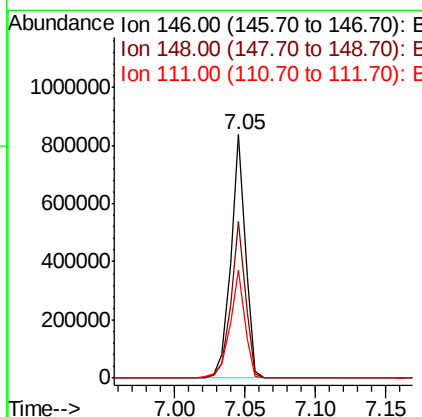
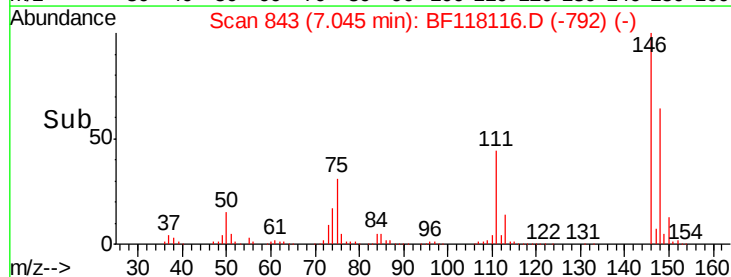
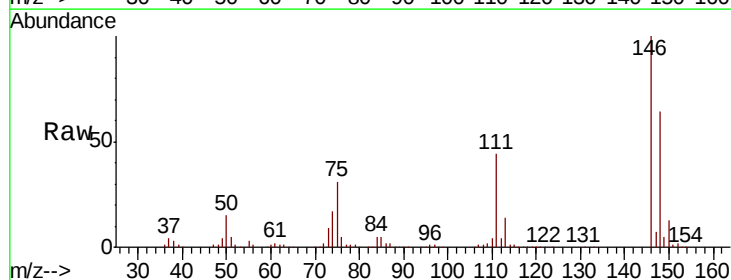
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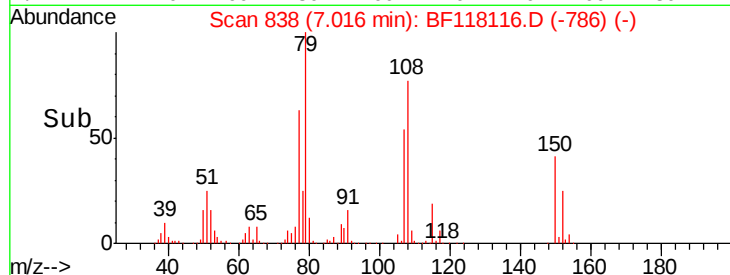
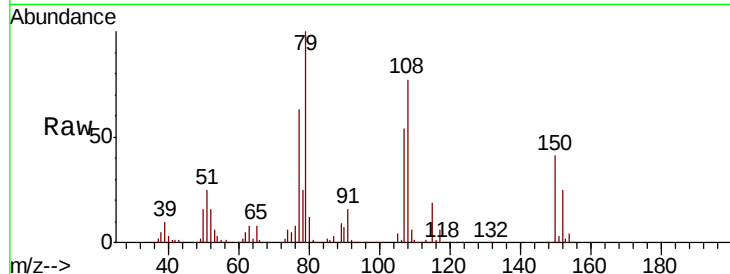
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#14
 1,2-Dichlorobenzene
 Concen: 58.660 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	44.4	33.1	49.7





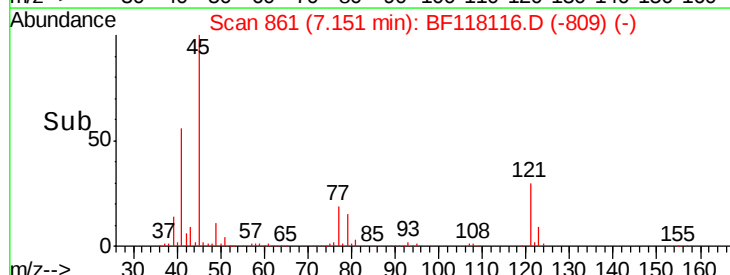
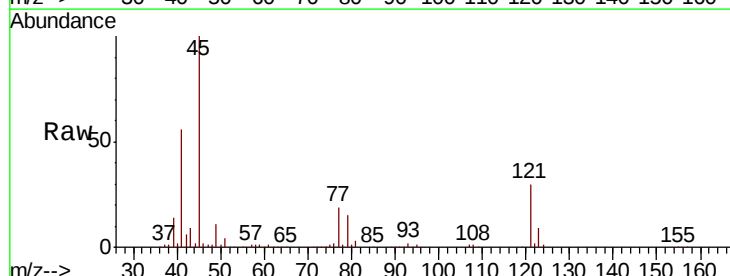
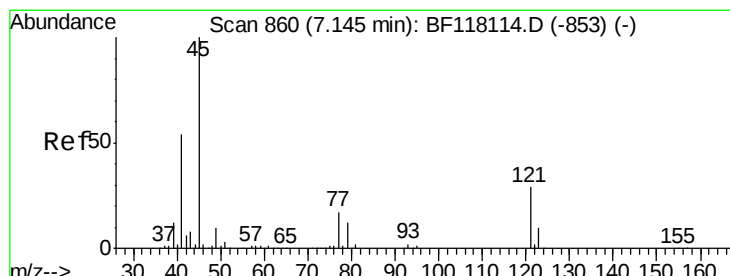
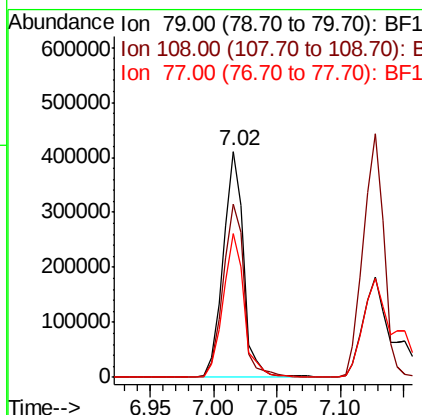
#15
Benzyl Alcohol
Concen: 59.263 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.5	62.7	94.1
77	63.5	51.4	77.2

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

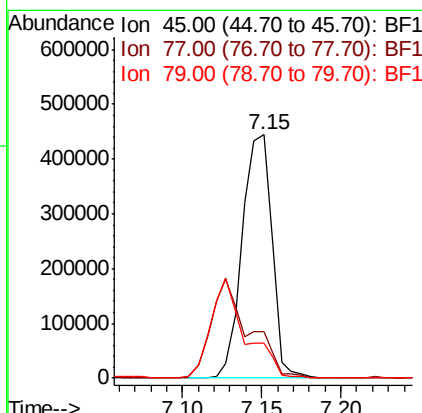
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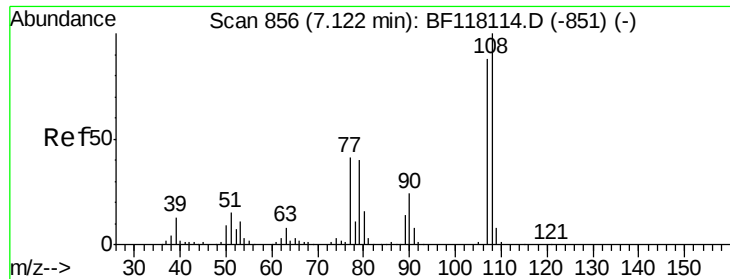
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.956 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.0	0.0	38.0
79	14.6	0.0	33.2





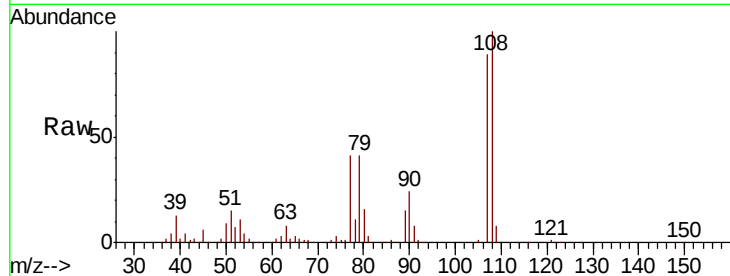
#17
2-Methylphenol
Concen: 57.242 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.1	136.7
77	45.8	37.8	56.6
79	46.4	37.0	55.6

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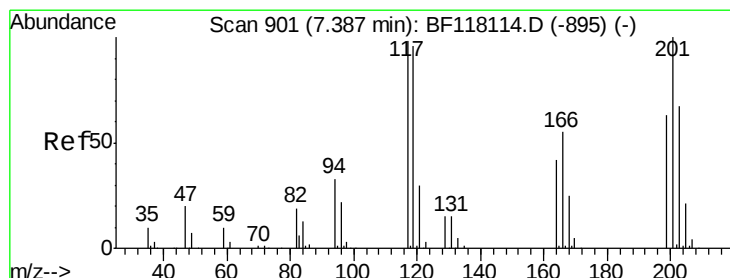
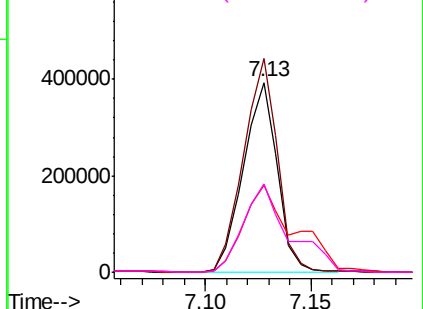
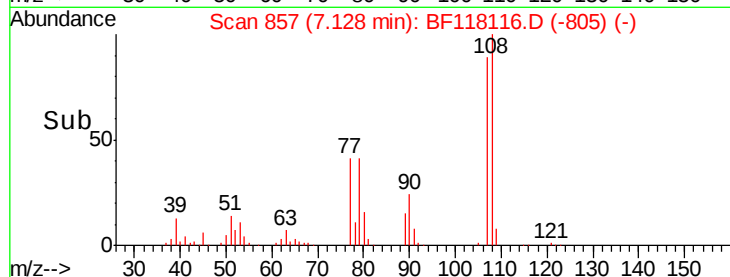
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

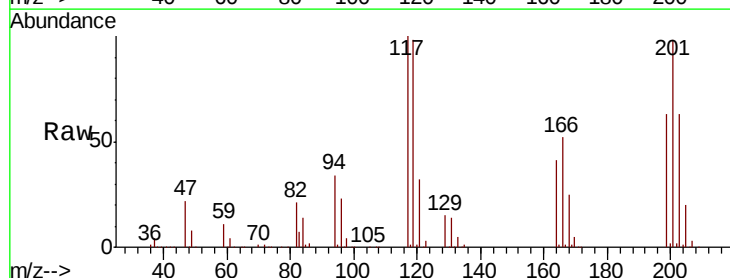
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 60.455 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.2	117.4
201	98.3	81.6	122.4

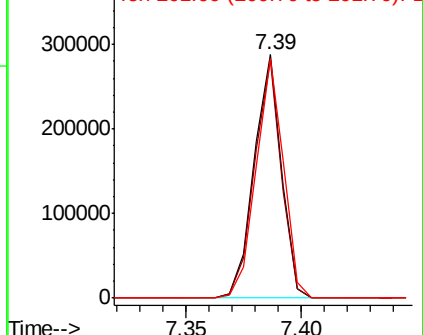
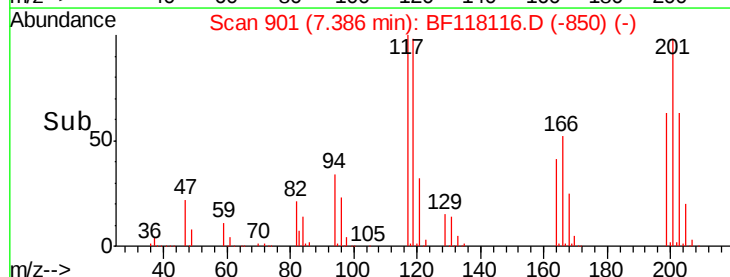


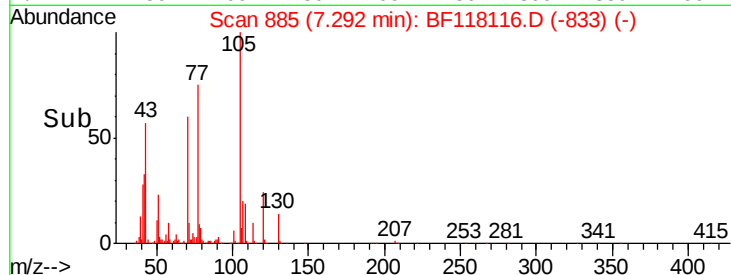
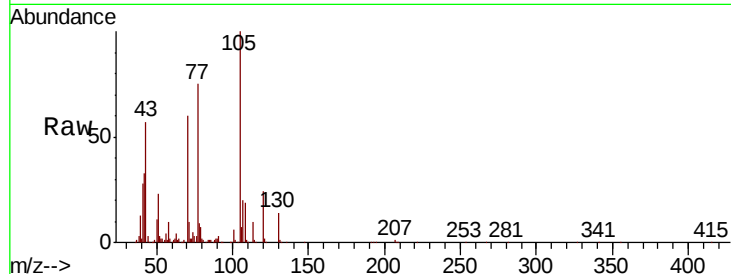
Abundance

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





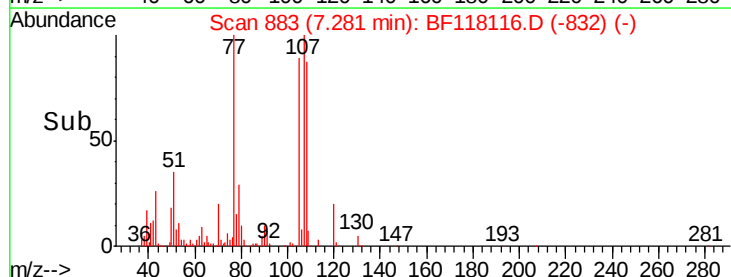
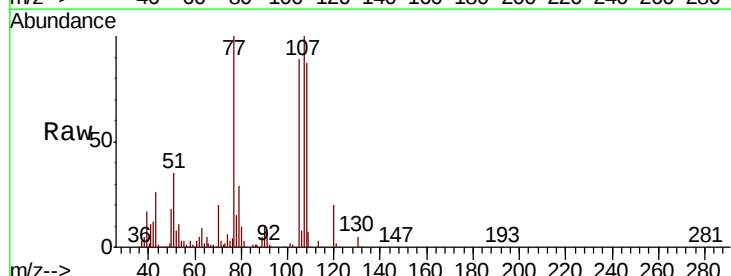
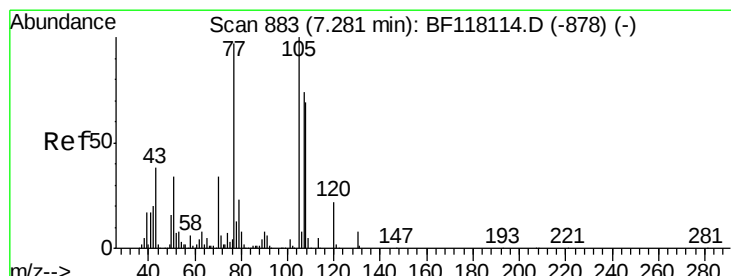
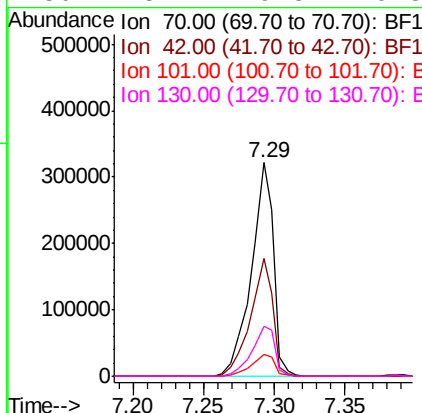
#19
n-Nitroso-di-n-propylamine
Concen: 57.604 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.9	43.2	64.8
101	10.1	8.1	12.1
130	23.1	19.8	29.8

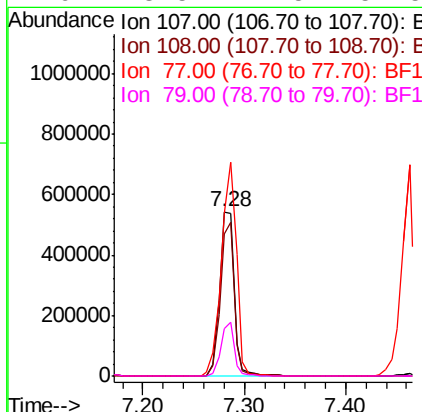
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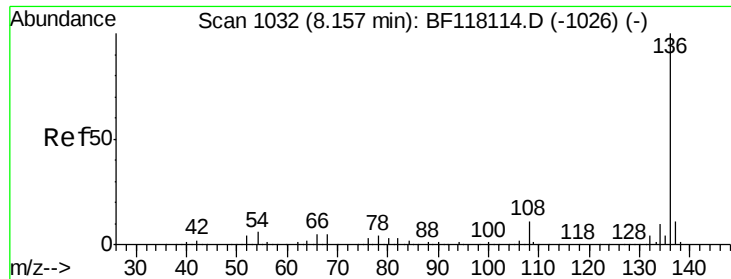
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#20
3+4-Methylphenols
Concen: 56.976 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	73.2	113.2
77	99.5	110.9	150.9#
79	28.5	11.5	51.5





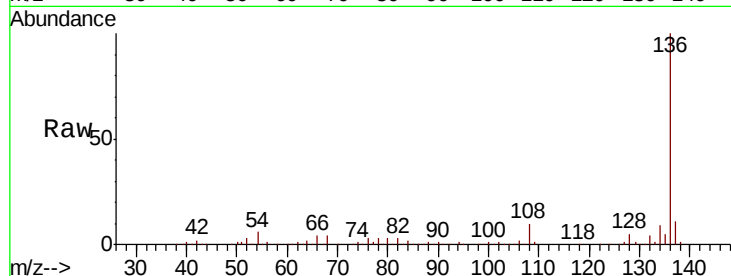
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

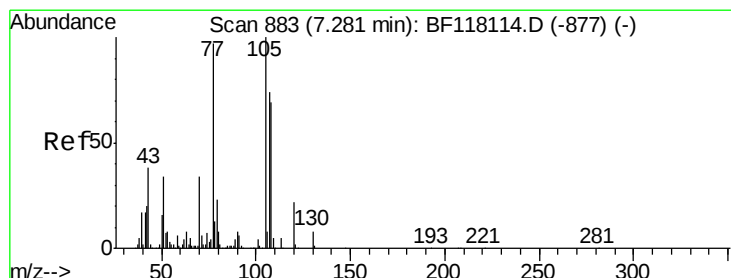
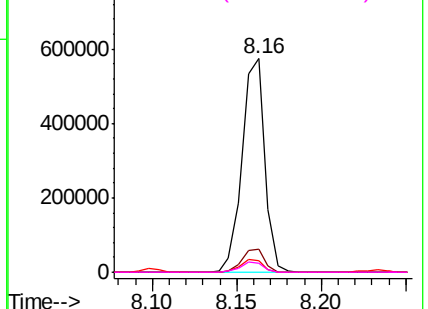
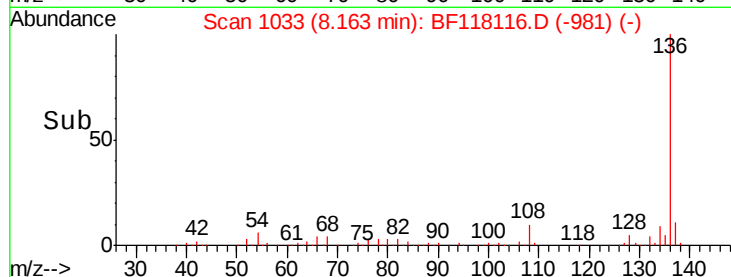
Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.0	13.6
54	5.6	5.0	7.6
68	4.1	3.8	5.8

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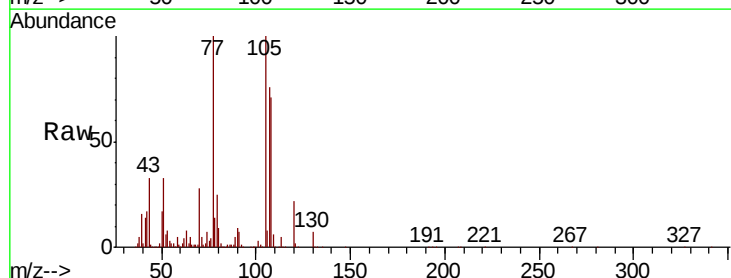


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

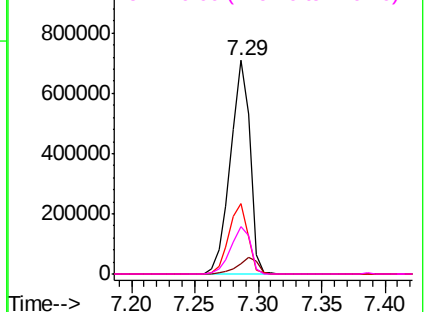
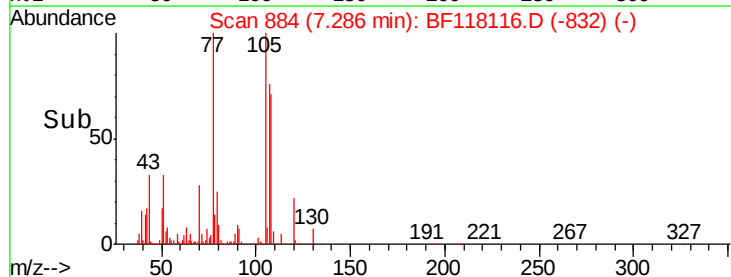


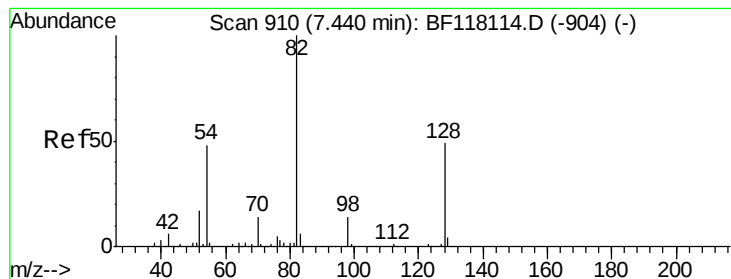
#22
Acetophenone
Concen: 62.046 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	4.6	4.7	7.1#
51	33.3	27.1	40.7
120	22.5	17.8	26.6



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: 124.302 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1125784

Ion Ratio Lower Upper

82 100

128 48.6 39.1 58.7

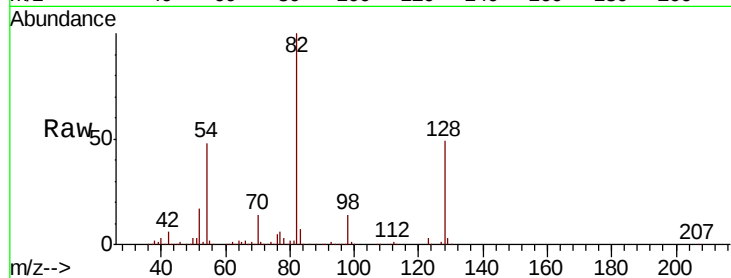
54 47.5 38.2 57.2

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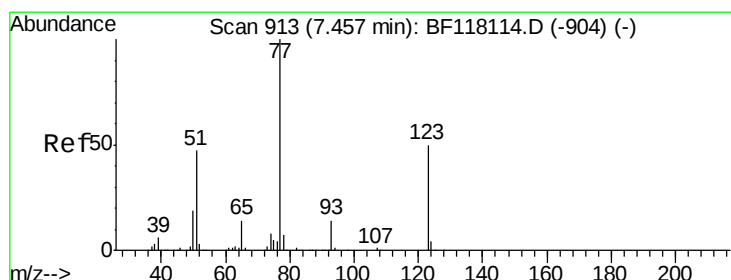
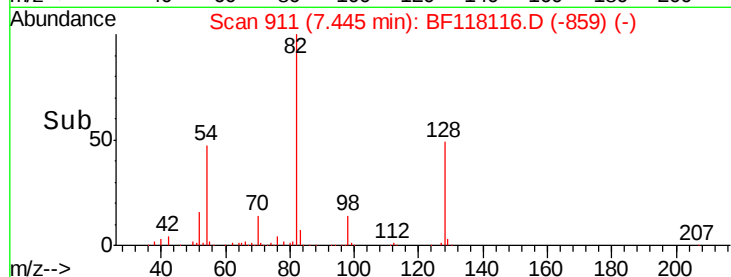
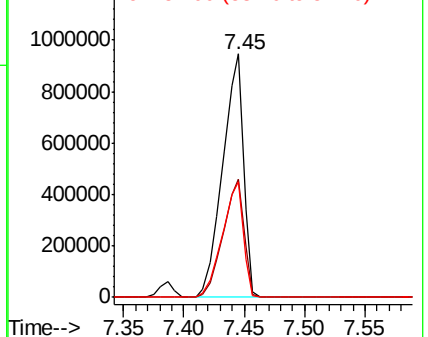
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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 58.723 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

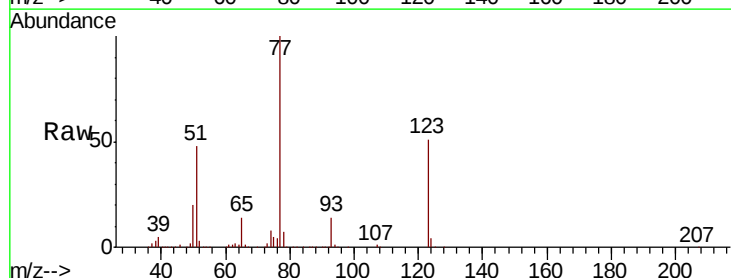
Tgt Ion: 77 Resp: 548666

Ion Ratio Lower Upper

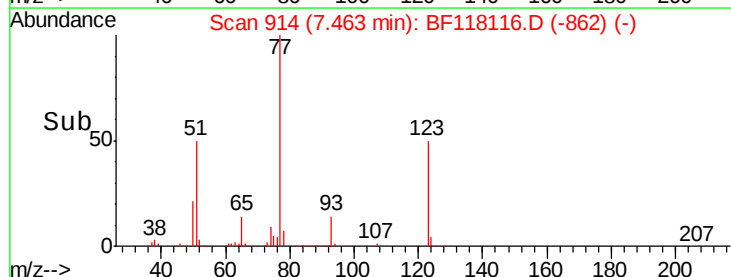
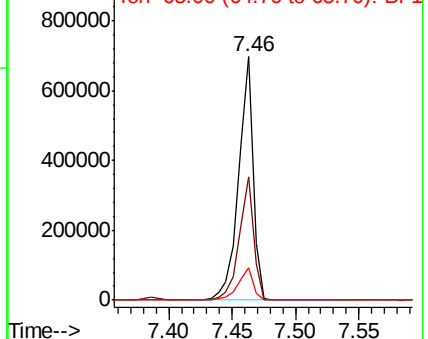
77 100

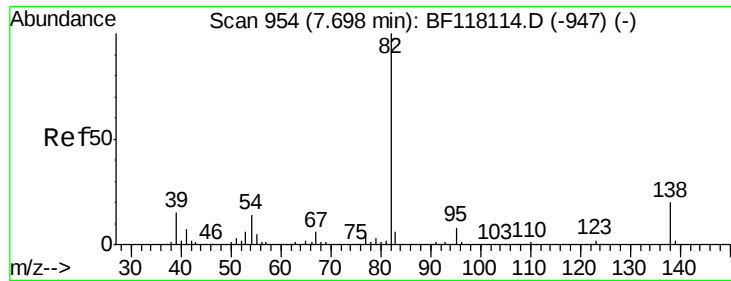
123 50.6 40.1 60.1

65 13.5 10.9 16.3



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





#25

Isophorone

Concen: 57.364 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

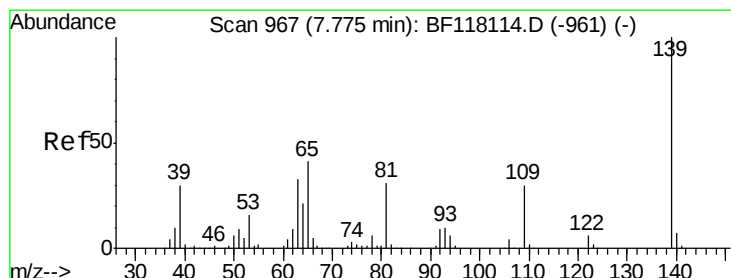
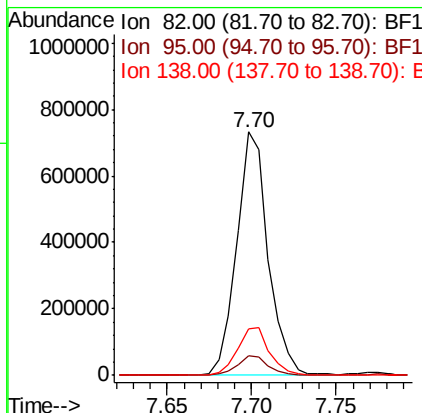
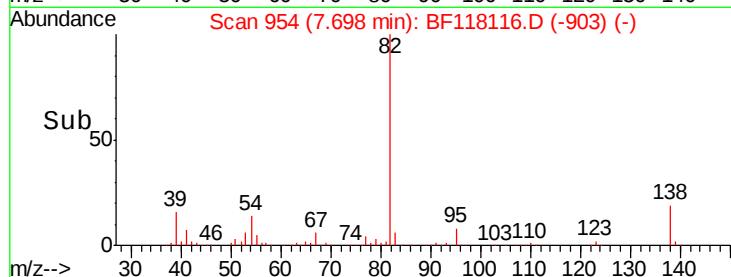
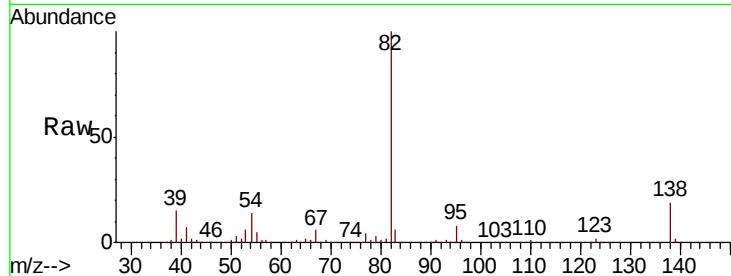
ClientSampleId :

SSTDICC060

Tot Ion:	82	Resp:	952237
Ion Ratio		Lower	Upper
82	100		
95	7.9	6.3	9.5
138	19.2	16.3	24.5

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#26

2-Nitrophenol

Concen: 65.834 ng

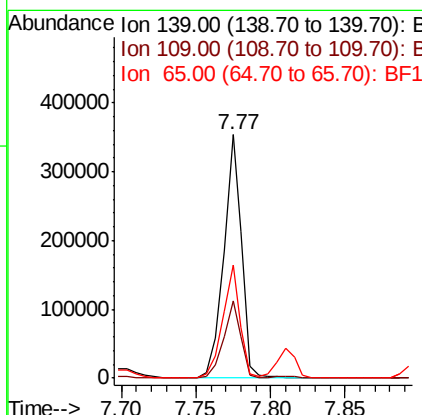
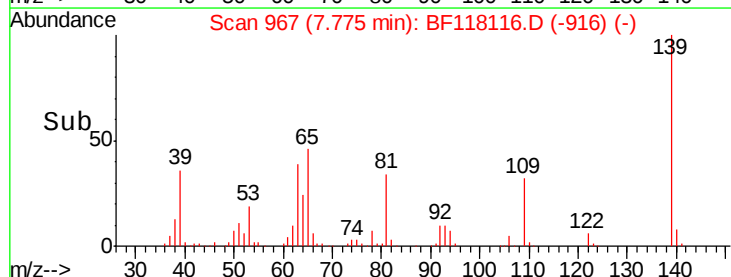
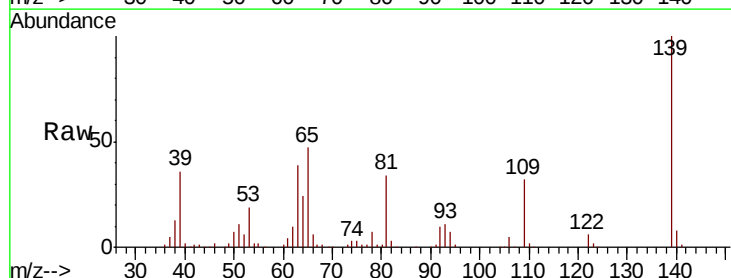
RT: 7.77 min Scan# 967

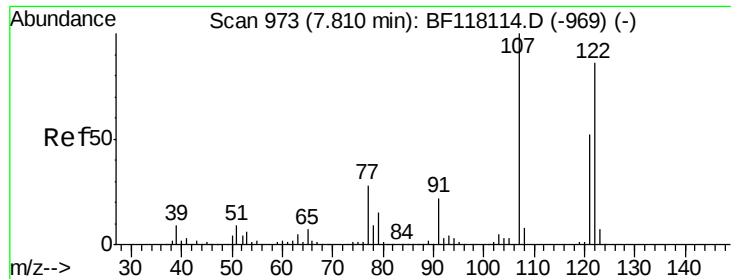
Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Tgt Ion:	139	Resp:	299392
Ion Ratio		Lower	Upper
139	100		
109	31.5	23.9	35.9
65	46.6	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 56.034 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

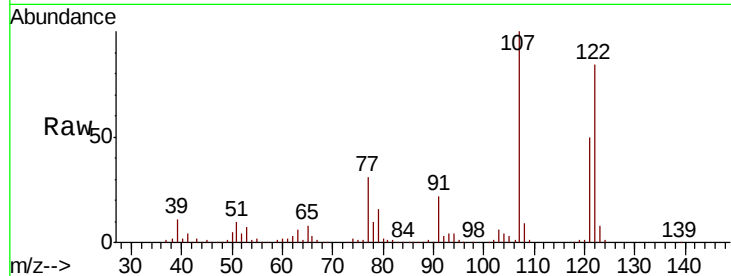
ClientSampleId :

SSTDIC060

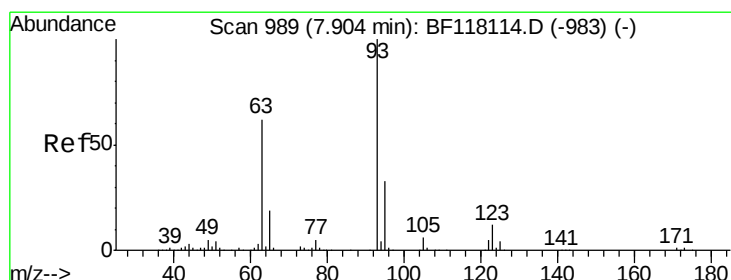
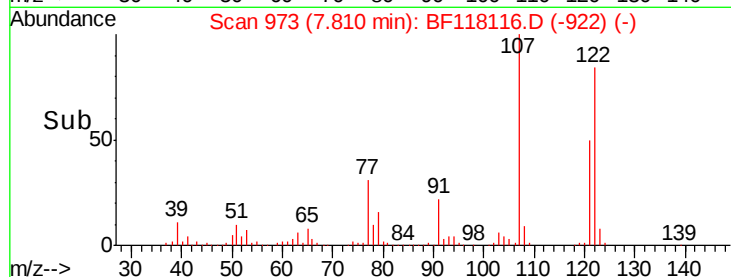
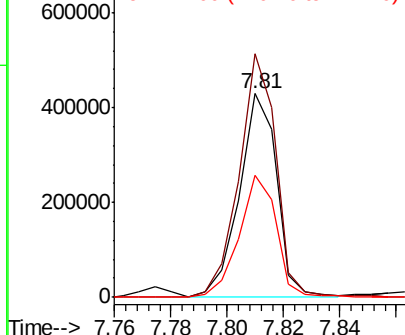
Tot Ion:	122	Resp:	395971
Ion Ratio	Lower	Upper	
122	100		
107	119.5	92.9	139.3
121	59.7	48.3	72.5

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 59.117 ng

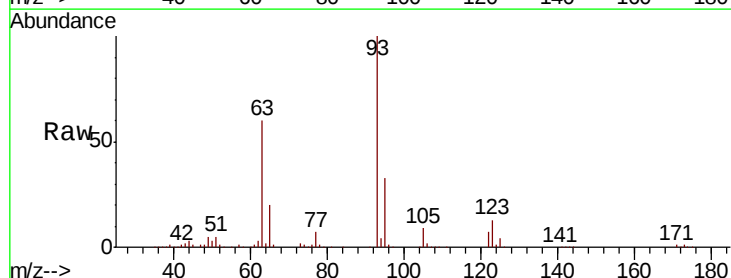
RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

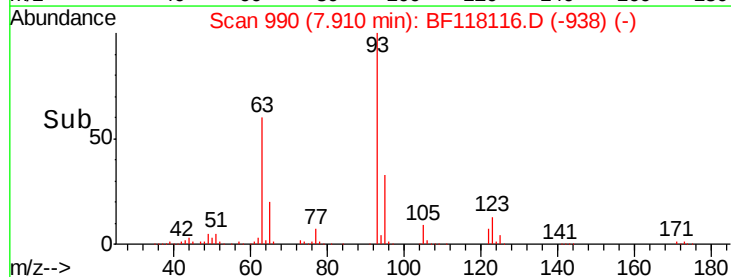
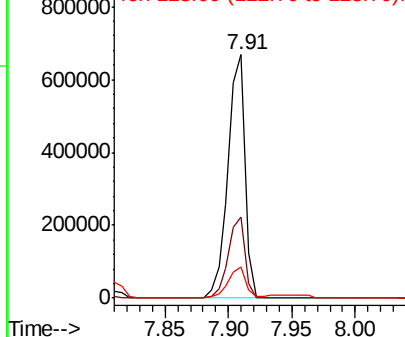
Lab File: BF118116.D

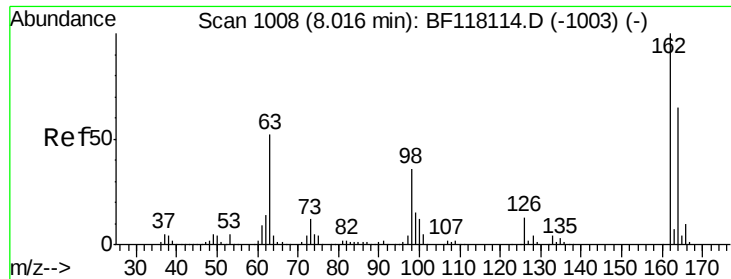
Acq: 6 Dec 2019 15:55

Tgt Ion:	93	Resp:	622730
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.7	40.1
123	12.8	10.0	15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





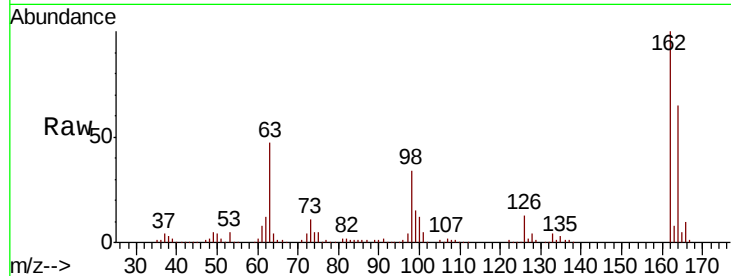
#29
2,4-Dichlorophenol
Concen: 59.574 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

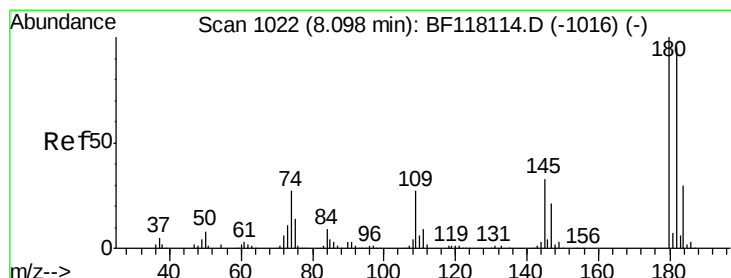
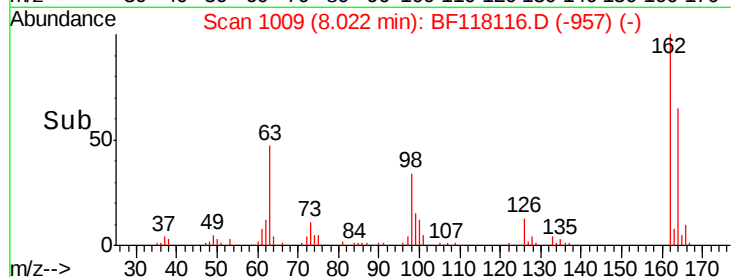
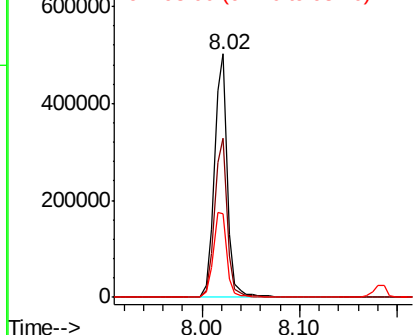
Tot Ion	Ratio	Resp	Lower	Upper
162	100	456647		
164	65.5	45.2	85.2	
98	34.1	15.9	55.9	

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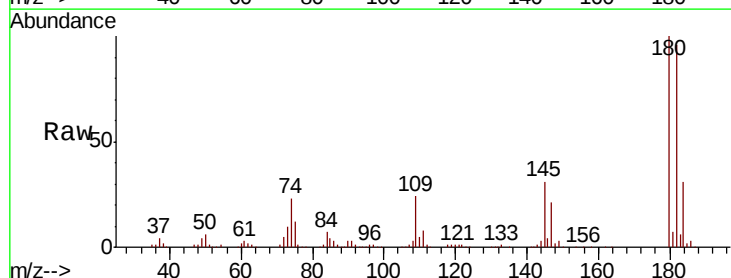


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

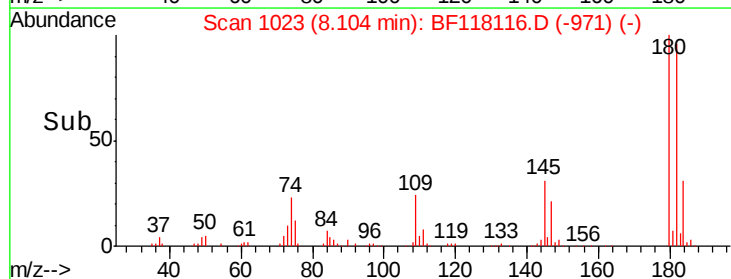
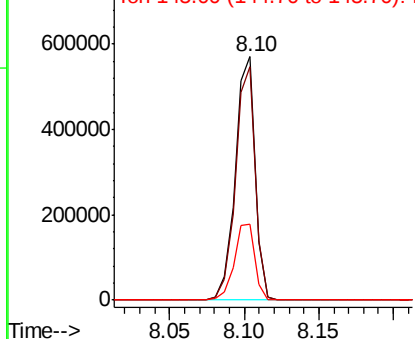


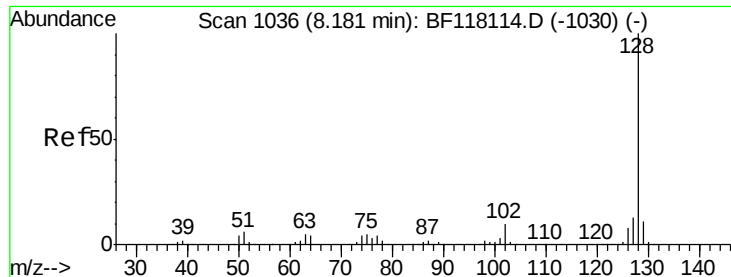
#30
1,2,4-Trichlorobenzene
Concen: 60.019 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	533638		
182	96.0	76.1	114.1	
145	30.9	26.1	39.1	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





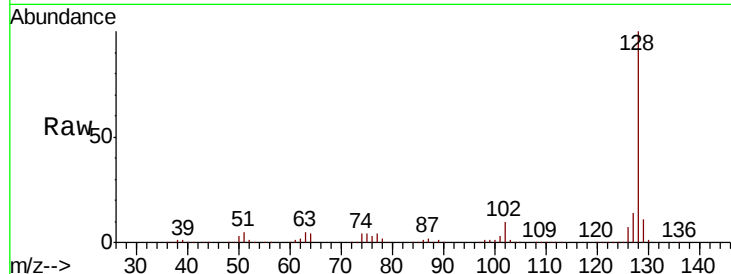
#31
Naphthalene
Concen: 62.830 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

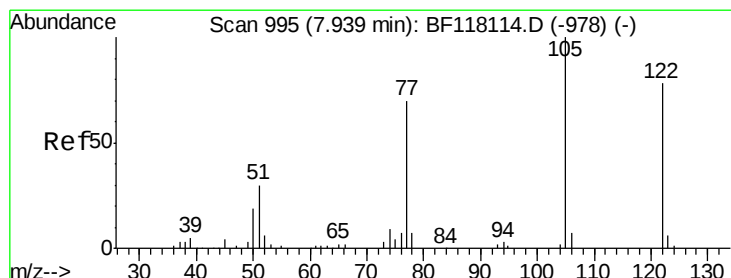
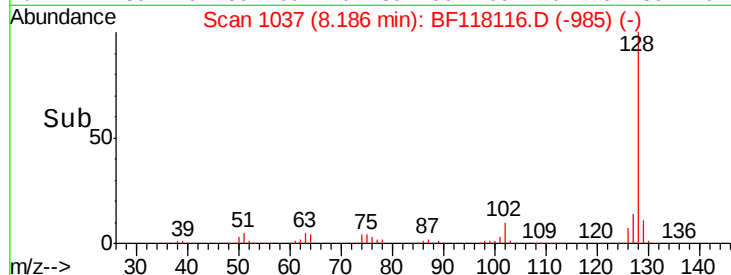
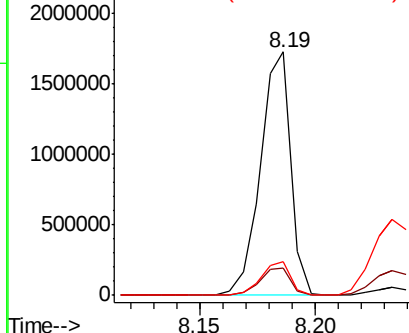
Tot Ion:128 Resp: 1577000
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.9 10.6 16.0

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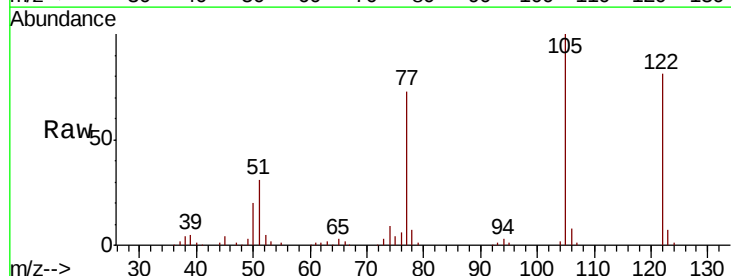


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

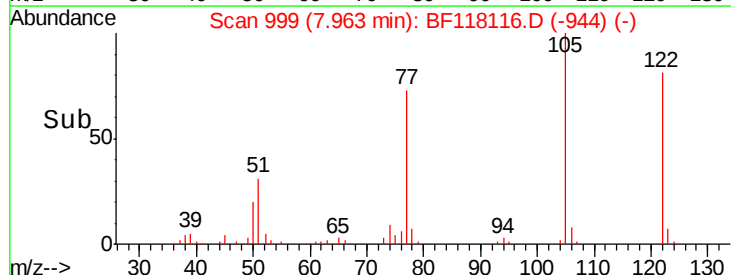
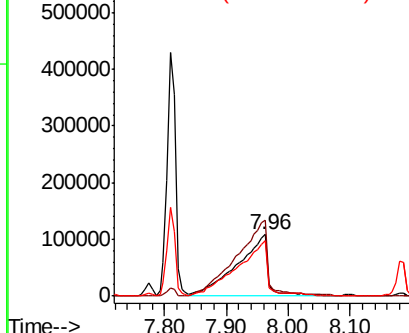


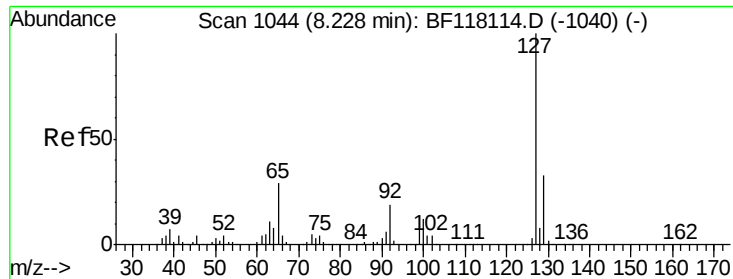
#32
Benzoic acid
Concen: 63.156 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.02 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:122 Resp: 373685
Ion Ratio Lower Upper
122 100
105 123.4 104.7 144.7
77 90.7 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





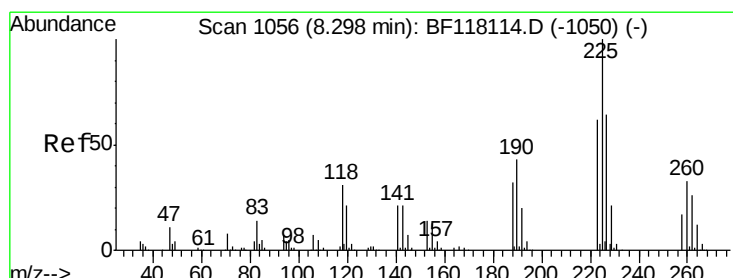
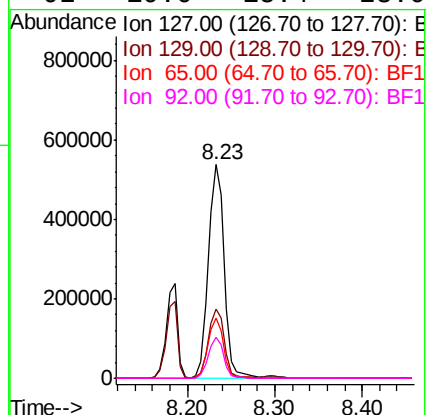
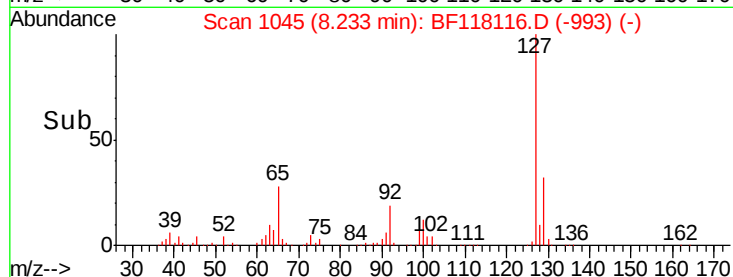
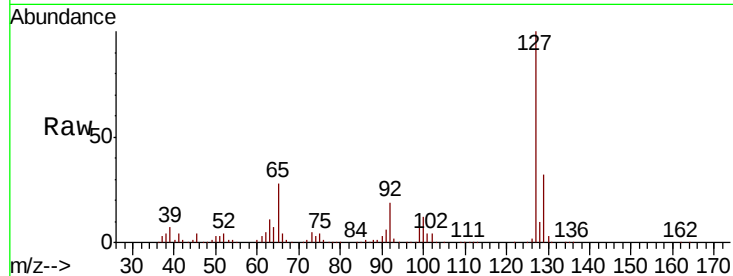
#33
4-Chloroaniline
Concen: 61.066 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.6	40.0		
65	28.1	23.2	34.8		
92	19.0	15.4	23.0		

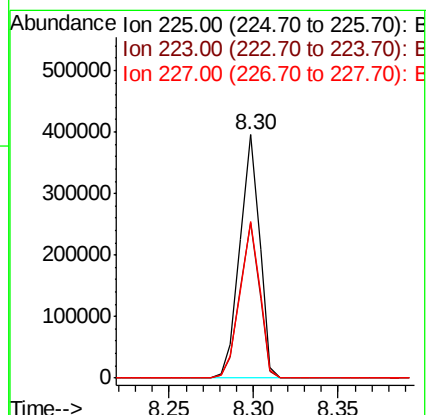
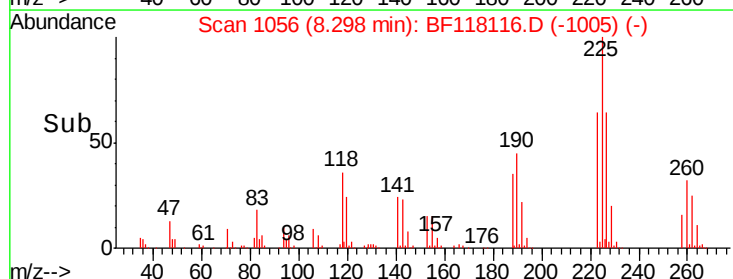
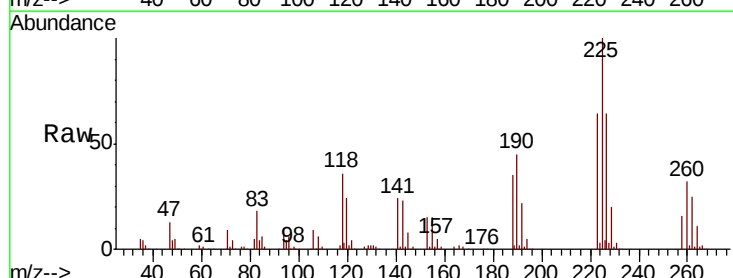
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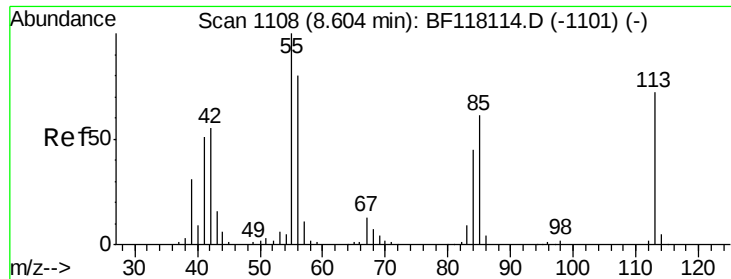
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#34
Hexachlorobutadiene
Concen: 61.981 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	49.6	74.4		
227	64.5	51.0	76.6		





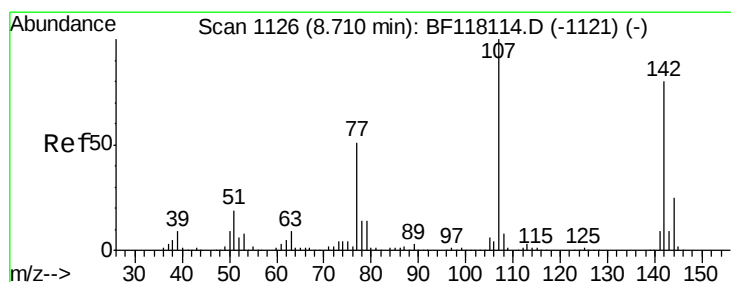
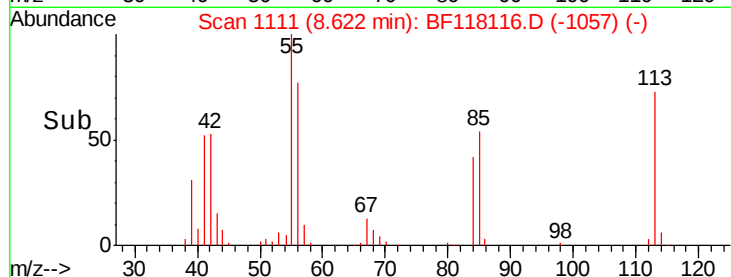
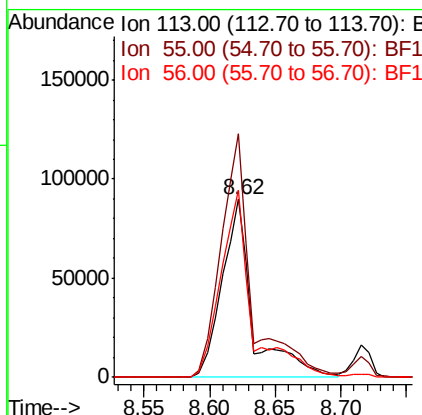
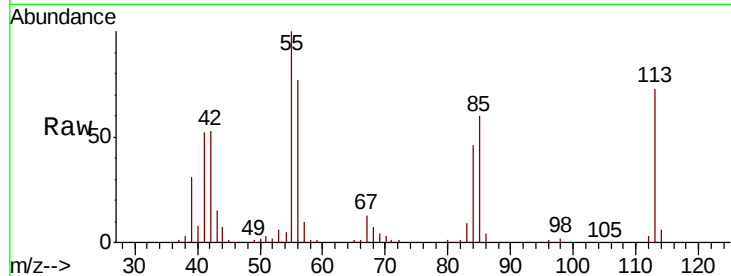
#35
 Caprolactam
 Concen: 59.784 ng/ml
 RT: 8.62 min Scan# 1111
 Delta R.T. 0.02 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	136.6	118.9	158.9		
56	105.1	91.4	131.4		

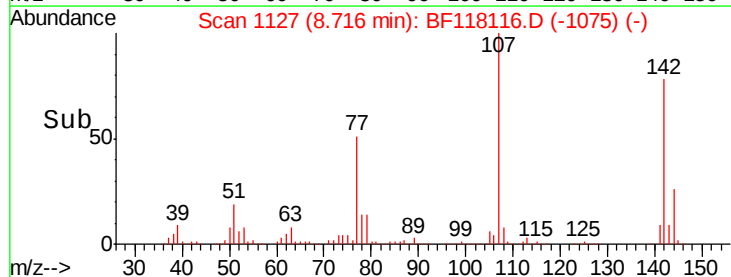
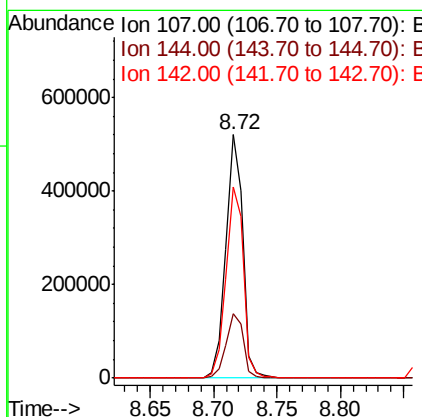
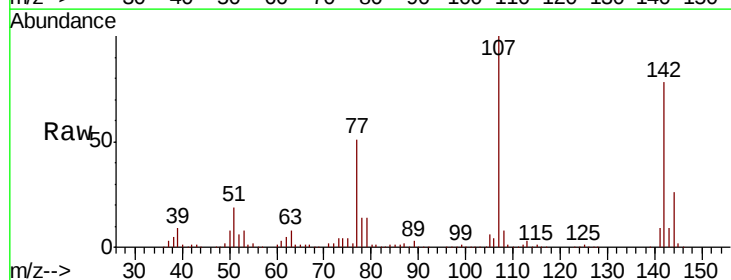
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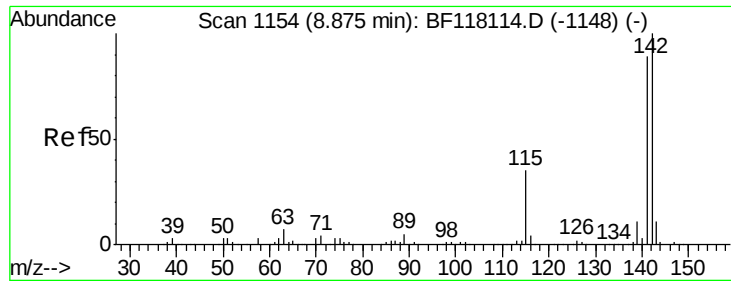
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#36
 4-Chloro-3-methylphenol
 Concen: 62.010 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.2	20.3	30.5		
142	78.2	63.7	95.5		





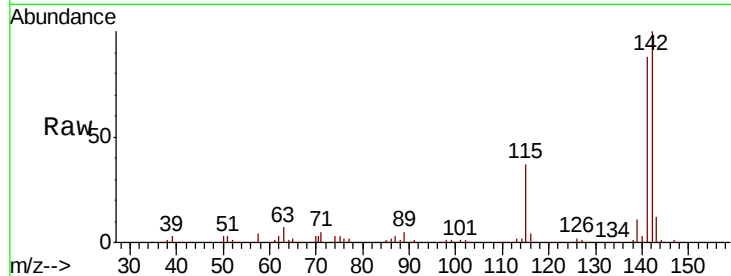
#37
2-Methylnaphthalene
Concen: 63.236 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.0
115	37.0	28.2	42.4

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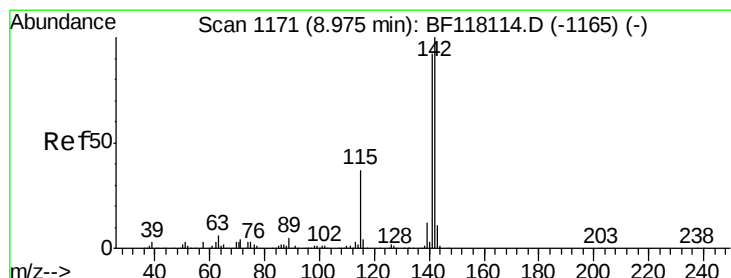
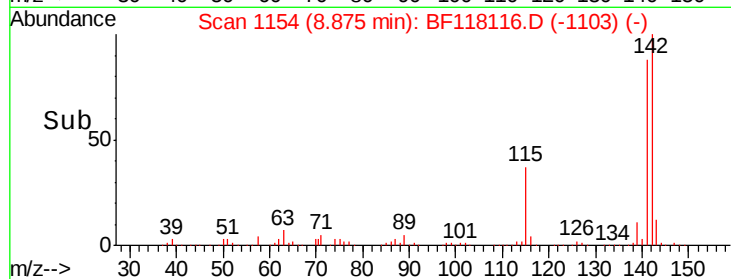
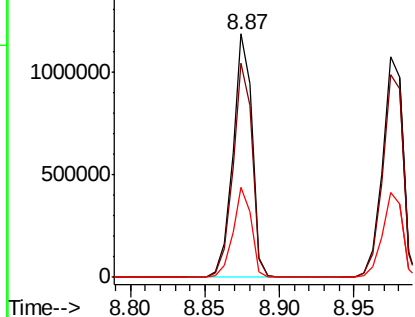


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 62.448 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

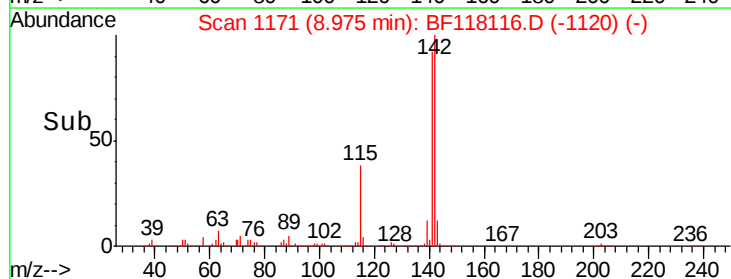
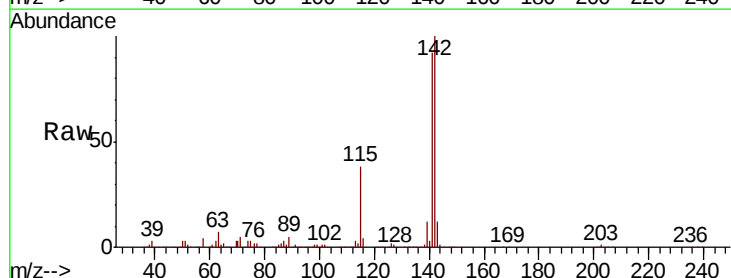
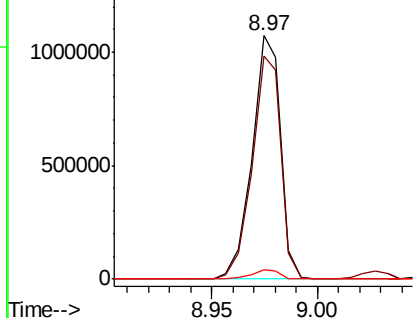
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.0	111.0
116	3.9	3.2	4.8

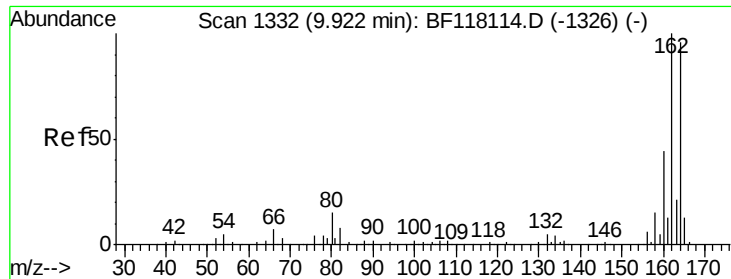
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





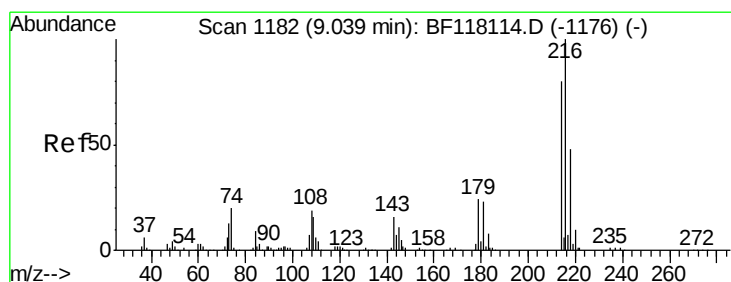
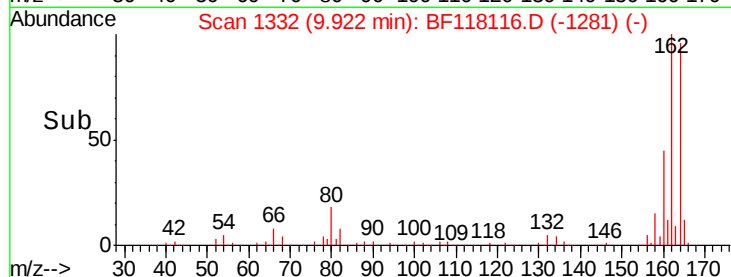
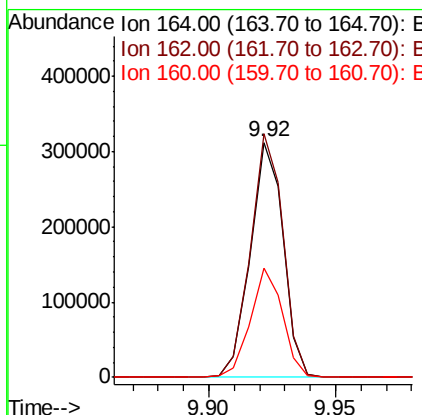
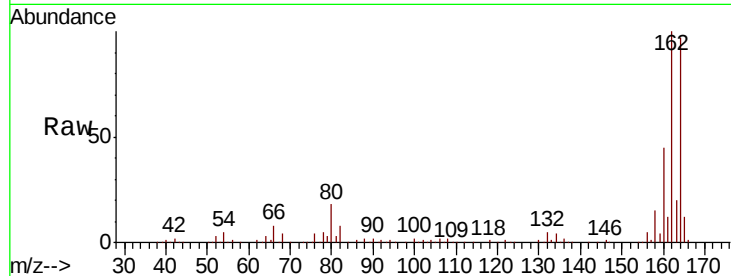
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.4	125.0
160	46.3	36.6	54.8

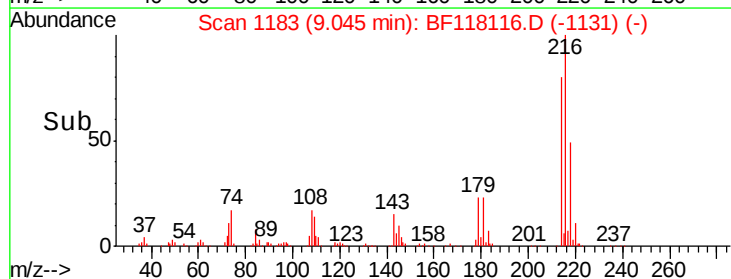
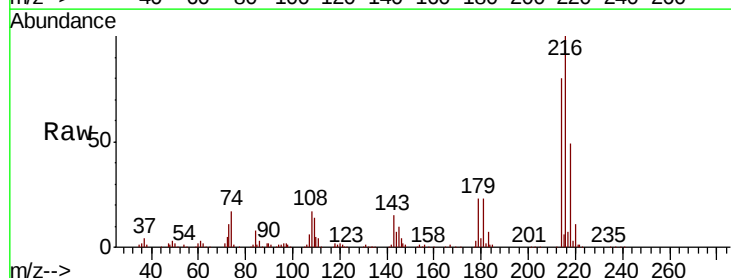
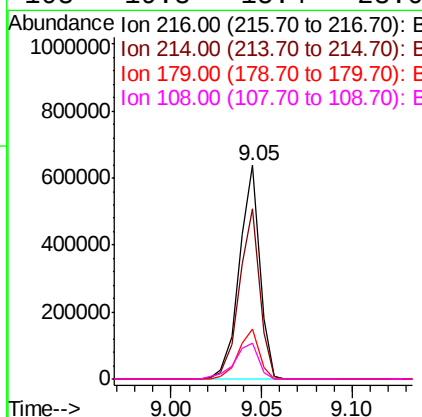
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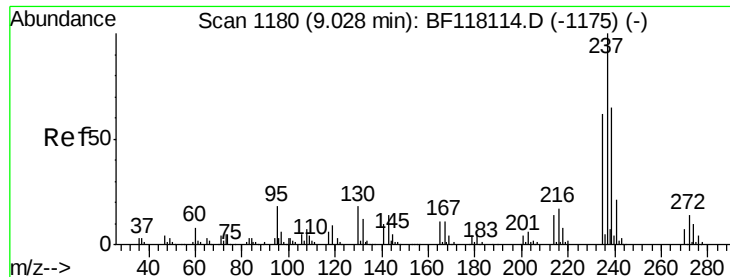
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 61.012 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	23.5	18.6	27.8
108	19.8	15.4	23.0





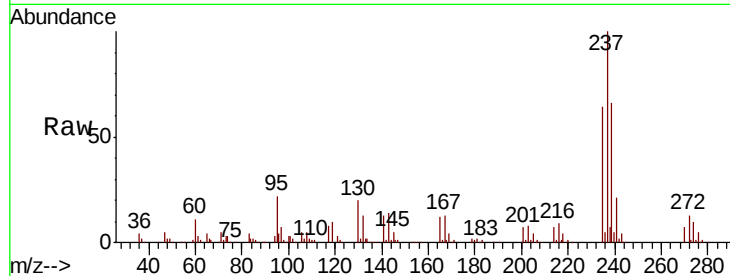
#41
Hexachlorocyclopentadiene
Concen: 54.121 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

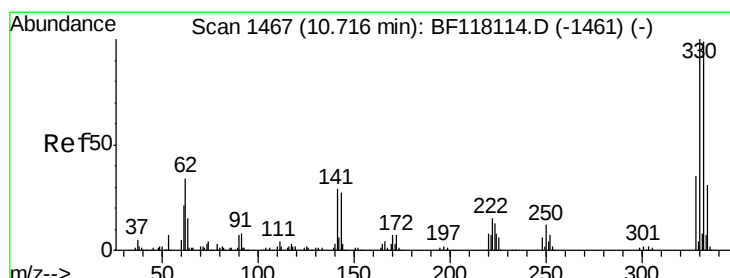
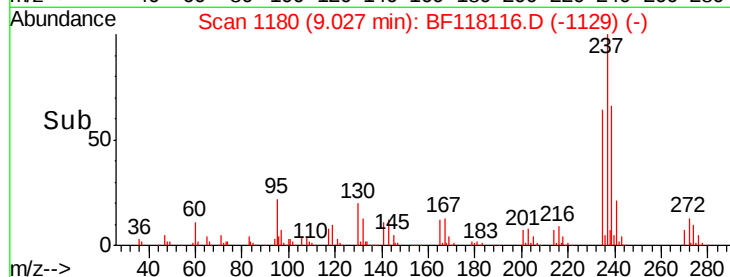
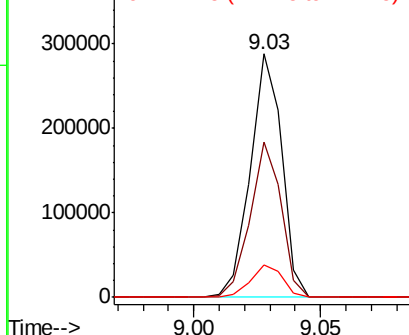
Tot Ion	Ratio	Resp	Lower	Upper
237	100	249017		
235	63.7		41.5	81.5
272	13.4		0.0	33.7

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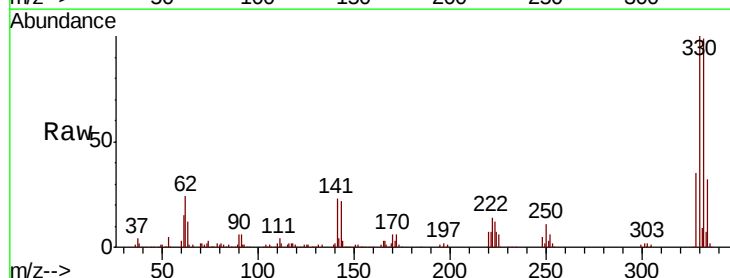


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

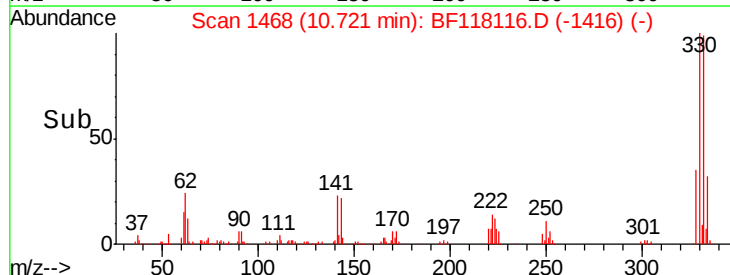
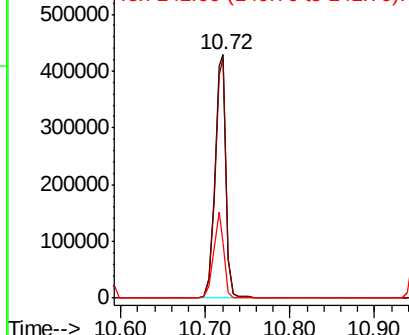


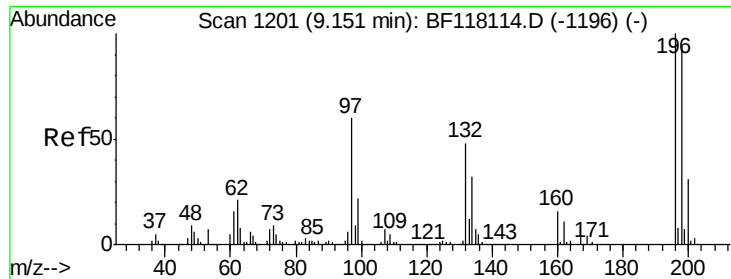
#42
2,4,6-Tribromophenol
Concen: 135.826 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	406544		
332	96.5		78.1	117.1
141	32.5		26.9	40.3



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





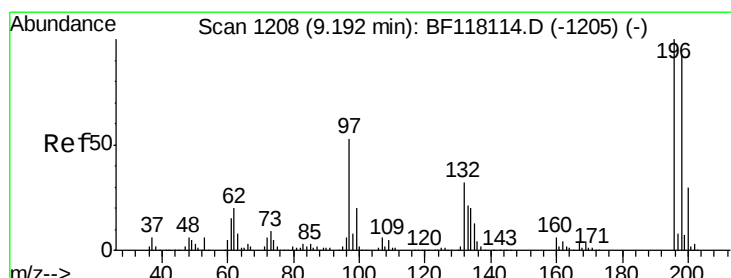
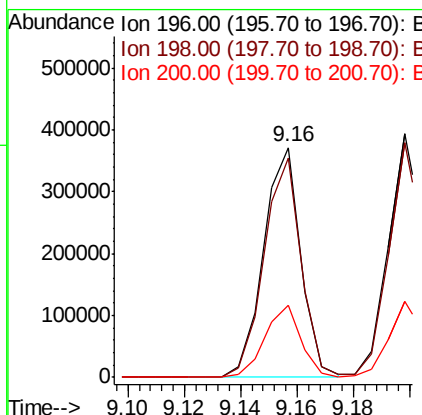
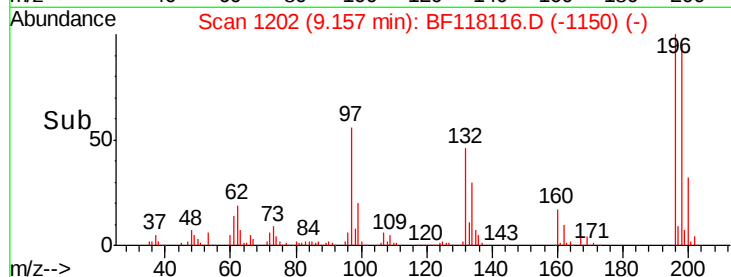
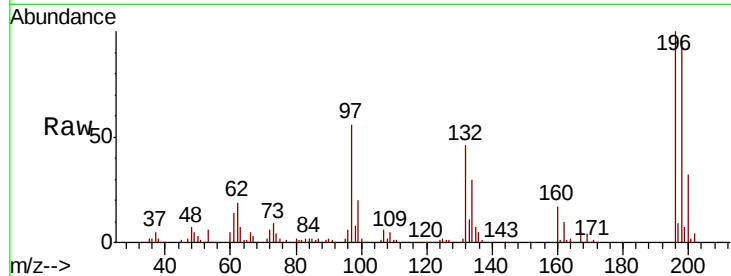
#43
2,4,6-Trichlorophenol
Concen: 57.520 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
196	100	338264		
198	95.8	75.0	112.4	
200	31.5	24.5	36.7	

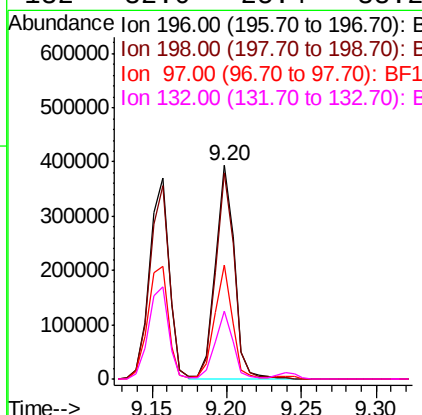
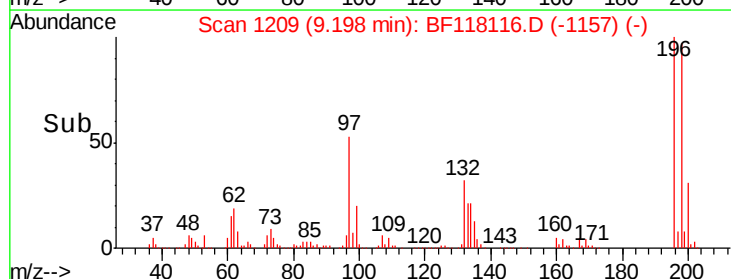
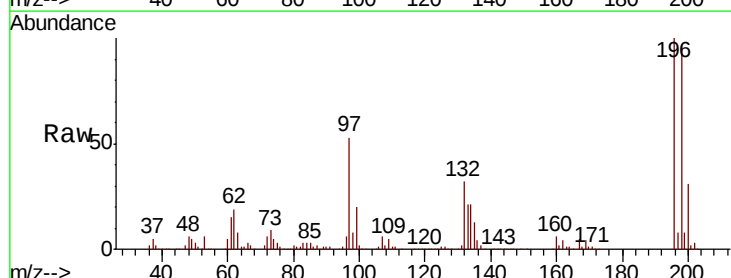
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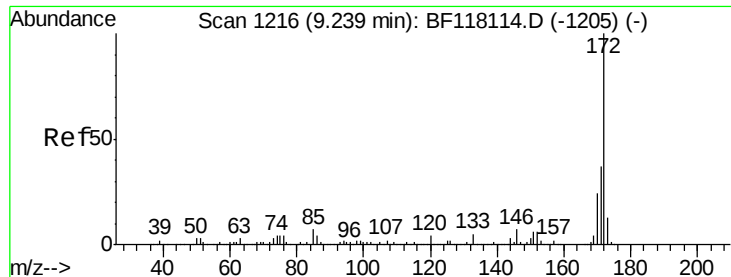
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#44
2,4,5-Trichlorophenol
Concen: 57.260 ng
RT: 9.20 min Scan# 1209
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	349623		
198	96.6	74.2	111.4	
97	53.3	42.5	63.7	
132	32.0	25.4	38.2	





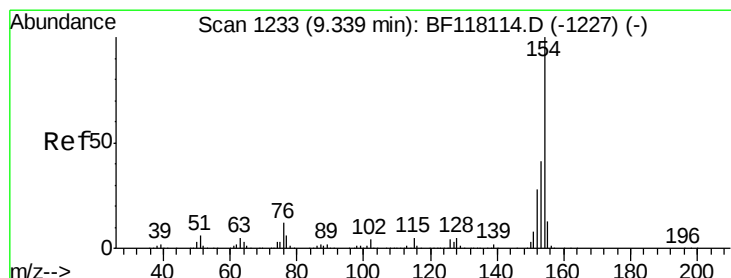
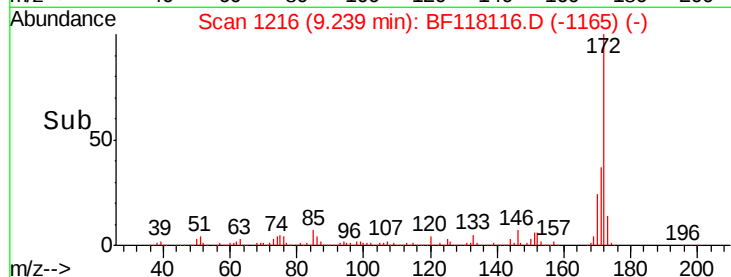
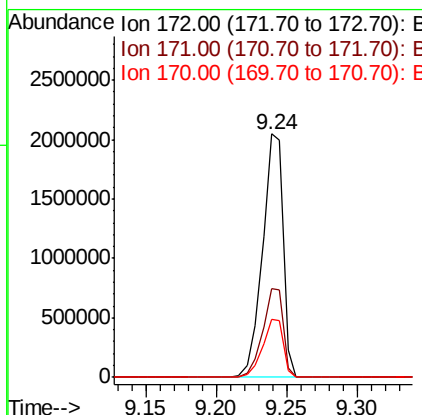
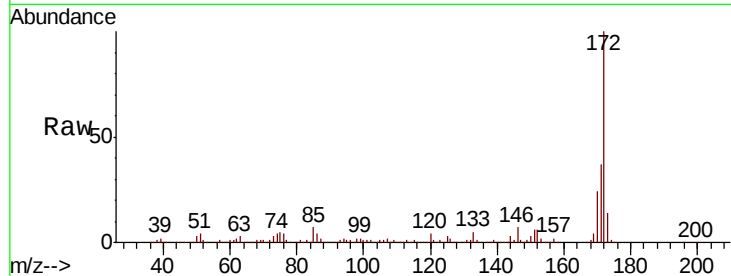
#45
2-Fluorobiphenyl
Concen: 135.261 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.0	19.4	29.2

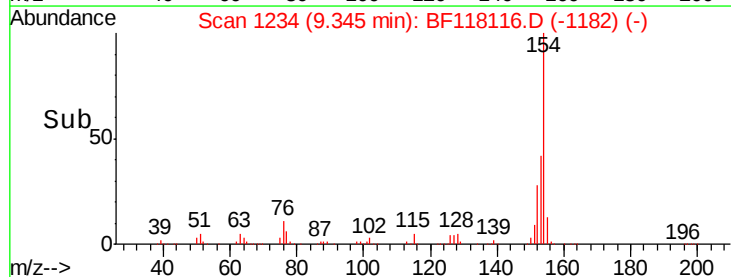
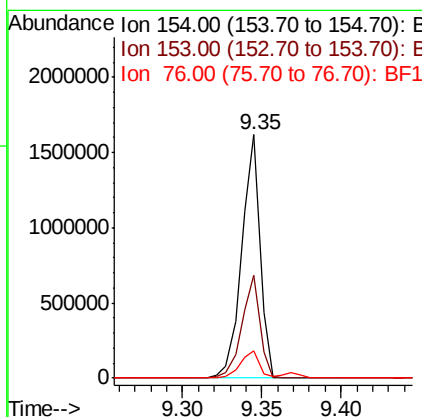
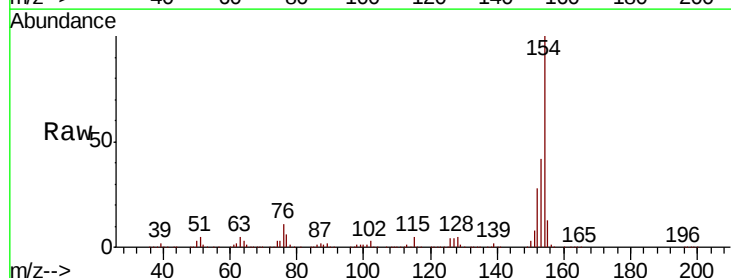
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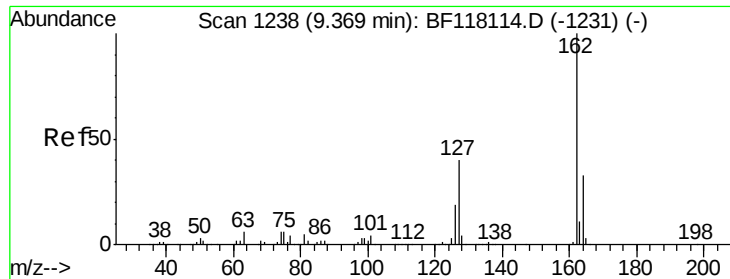
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#46
1,1'-Biphenyl
Concen: 61.559 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	20.7	60.7
76	11.3	0.0	31.9





#47

2-Chloronaphthalene

Concen: 61.340 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tot Ion:162 Resp: 1058437

Ion Ratio Lower Upper

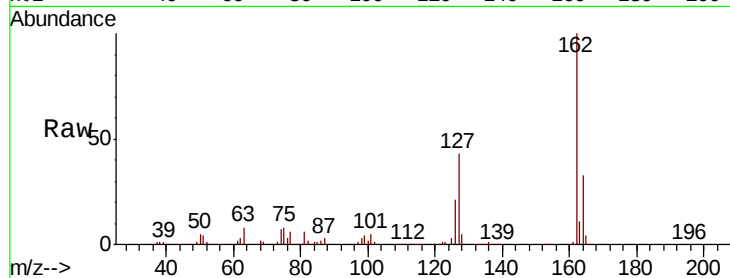
162 100

127 43.2 32.0 48.0

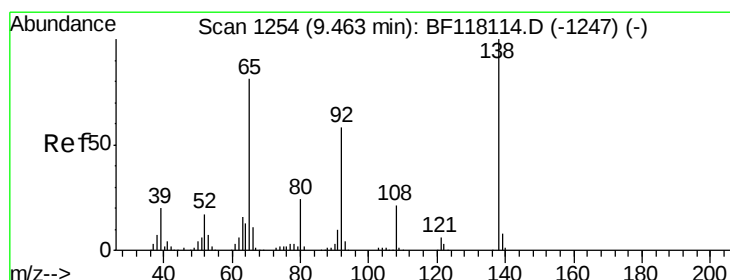
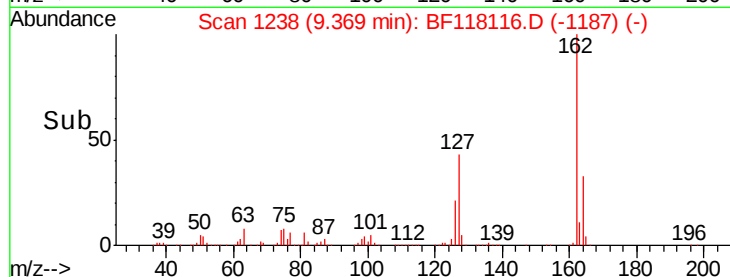
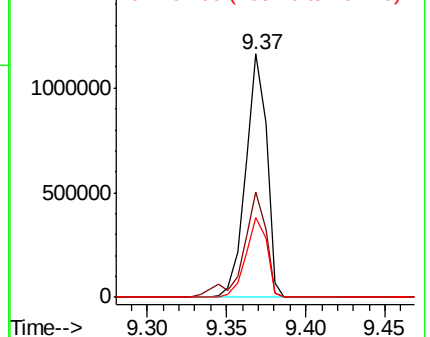
164 32.8 26.1 39.1

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



#48

2-Nitroaniline

Concen: 59.136 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

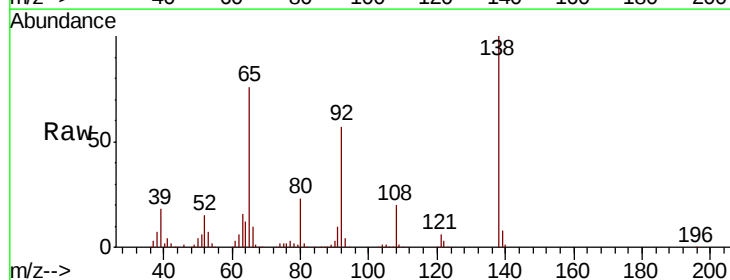
Tgt Ion: 65 Resp: 308066

Ion Ratio Lower Upper

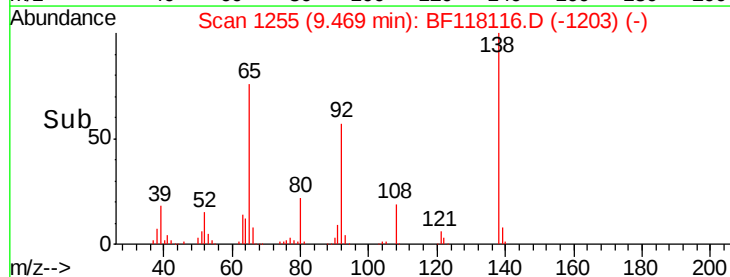
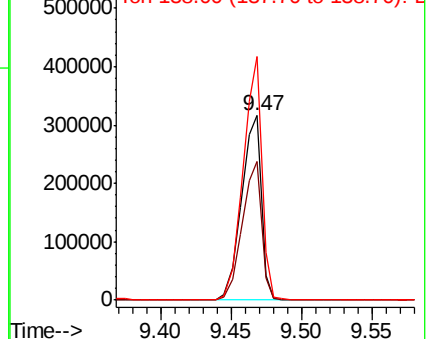
65 100

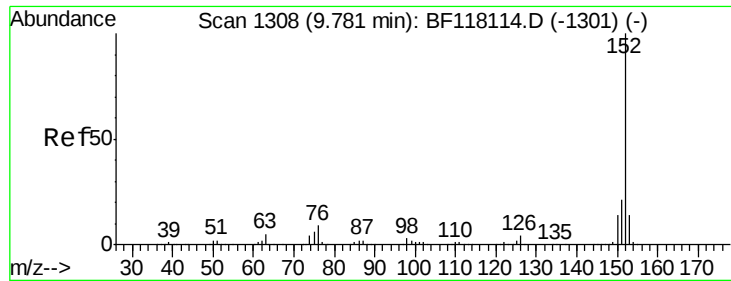
92 75.0 57.8 86.6

138 132.0 98.8 148.2



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





#49

Acenaphthylene

Concen: 61.170 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:152 Resp: 1538872

Ion Ratio Lower Upper

152 100

151 21.1 16.4 24.6

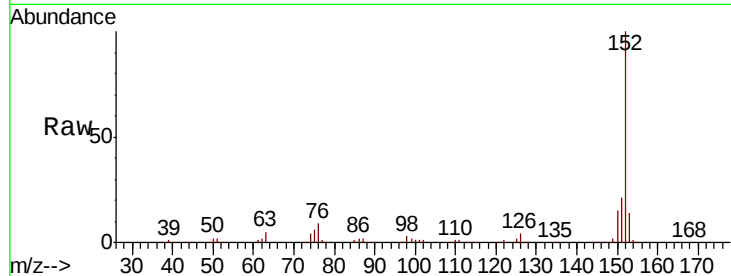
153 13.7 10.8 16.2

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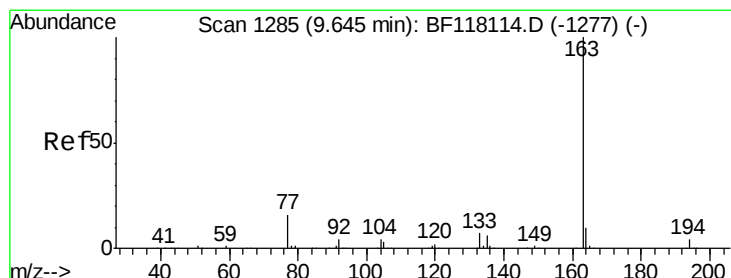
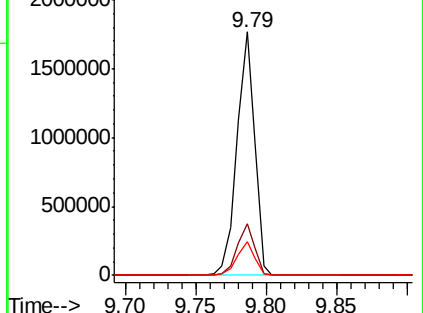
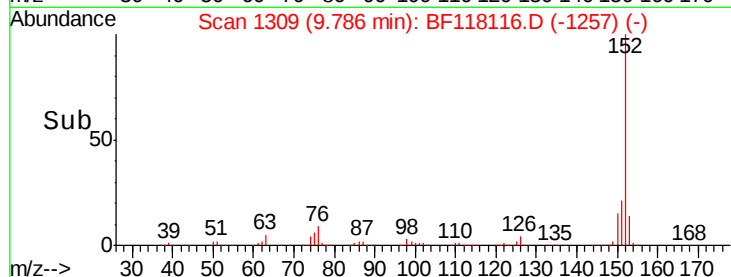
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 61.876 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

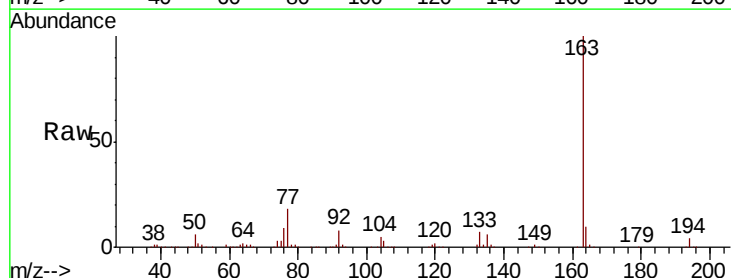
Tgt Ion:163 Resp: 1226725

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

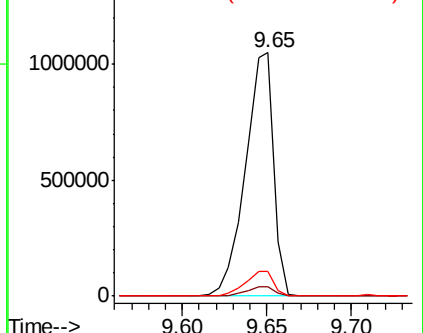
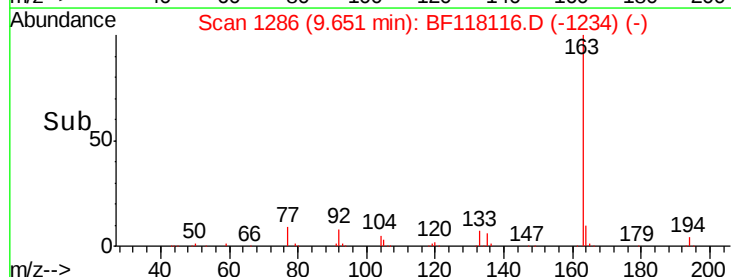
164 9.9 7.7 11.5

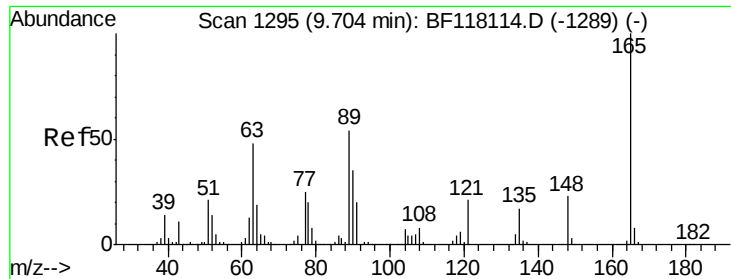


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 61.746 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

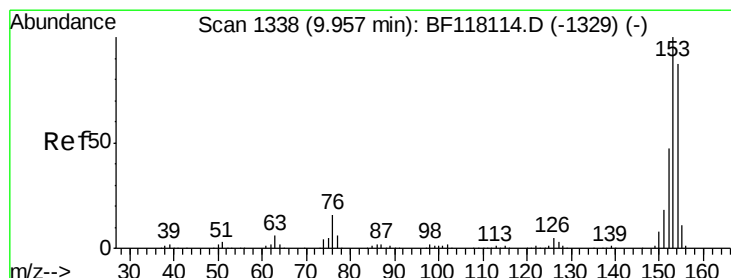
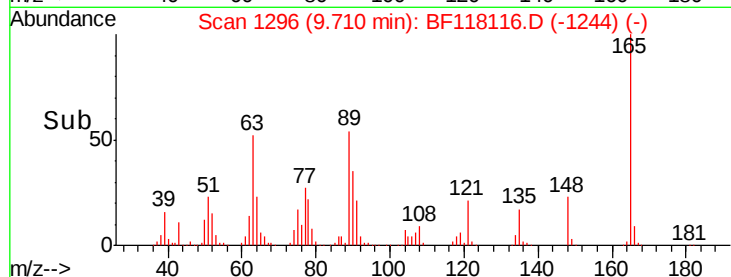
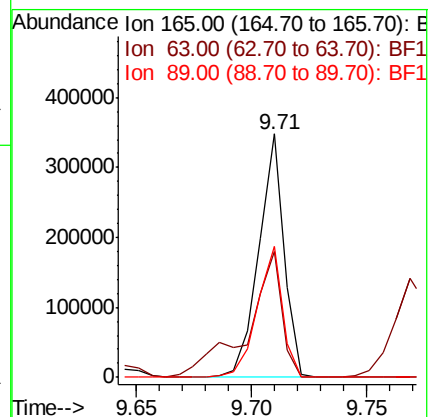
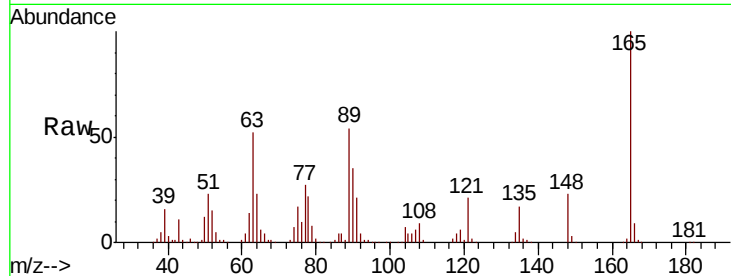
ClientSampleId :

SSTDICC060

Tot Ion:	165	Resp:	267541
Ion Ratio	Lower	Upper	
165	100		
63	51.9	41.4	62.0
89	53.6	42.9	64.3

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#52

Acenaphthene

Concen: 58.906 ng

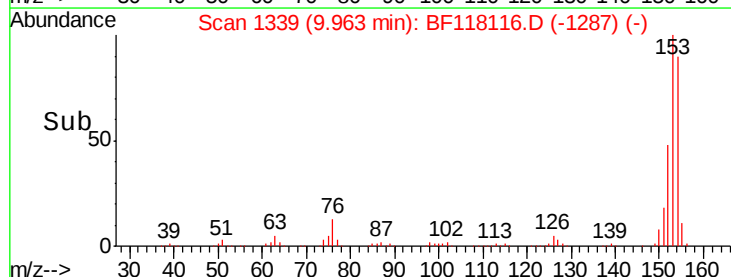
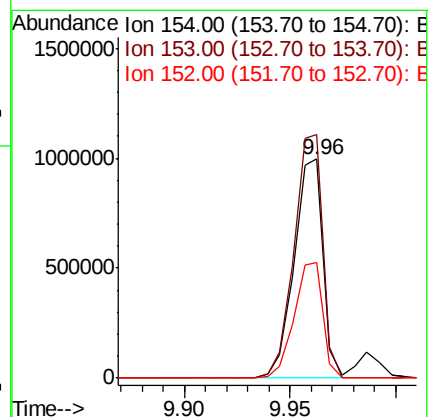
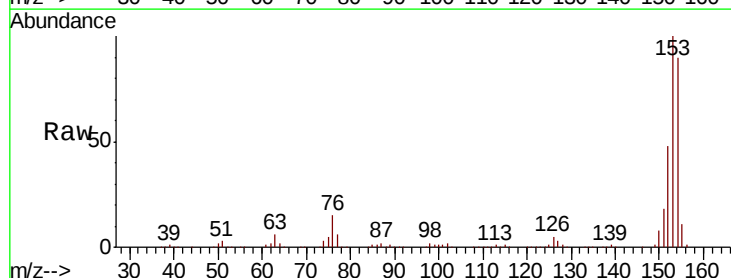
RT: 9.96 min Scan# 1339

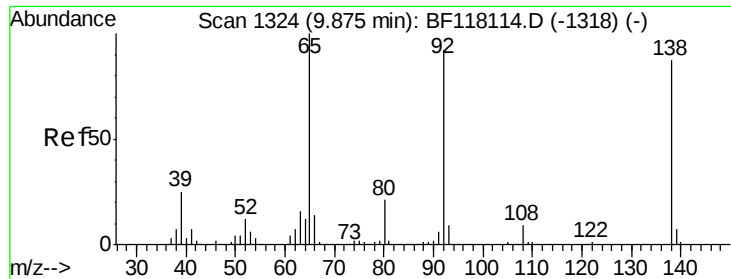
Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Tgt Ion:	154	Resp:	949306
Ion Ratio	Lower	Upper	
154	100		
153	111.3	91.8	137.6
152	52.9	43.3	64.9





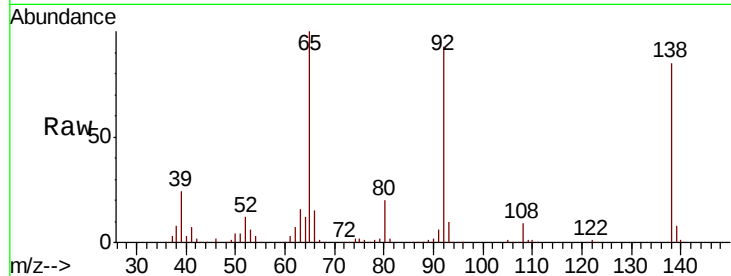
#53
3-Nitroaniline
Concen: 62.340 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.2	12.4
92	109.6	84.9	127.3

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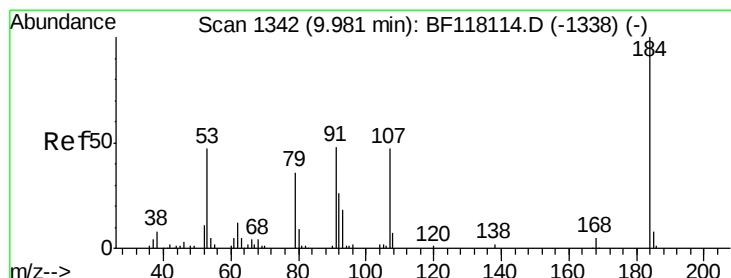
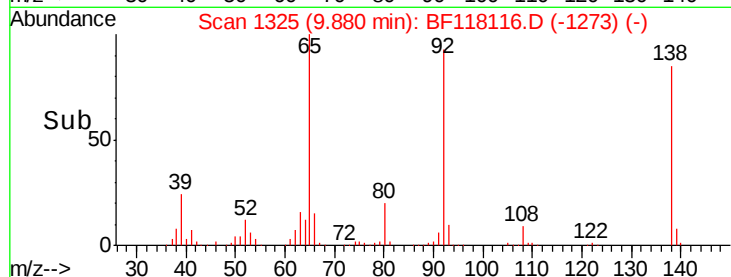
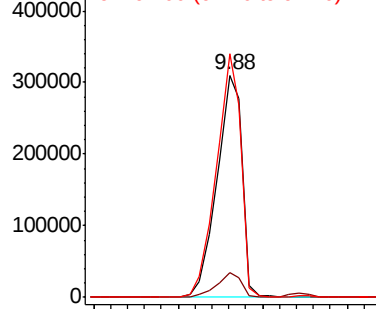


Abundance

Ion 138.00 (137.70 to 138.70): E

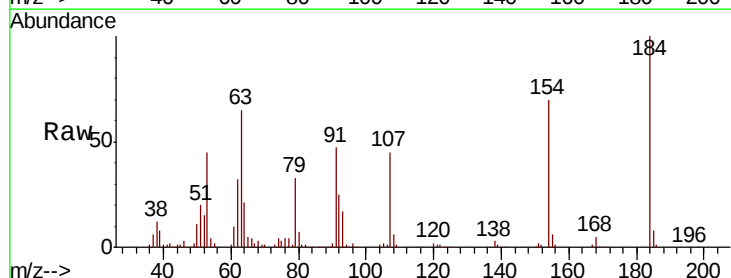
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 76.735 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.0	53.9	80.9
154	69.7	56.3	84.5

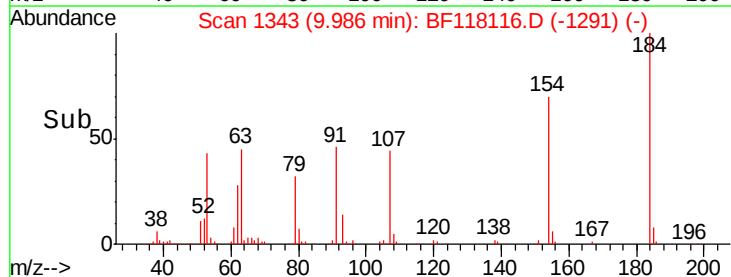
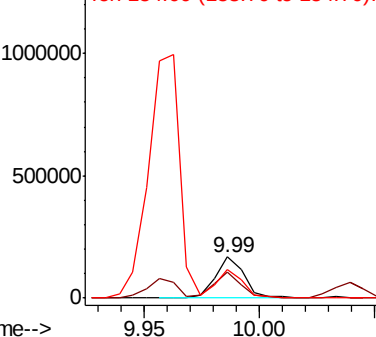


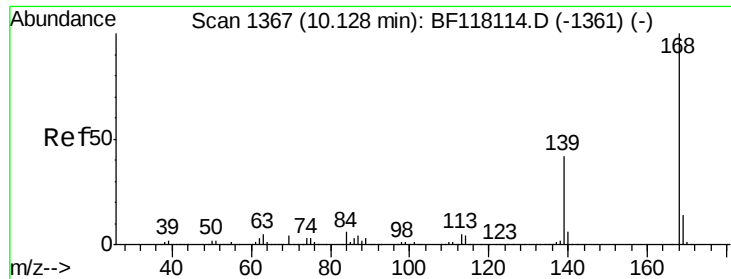
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





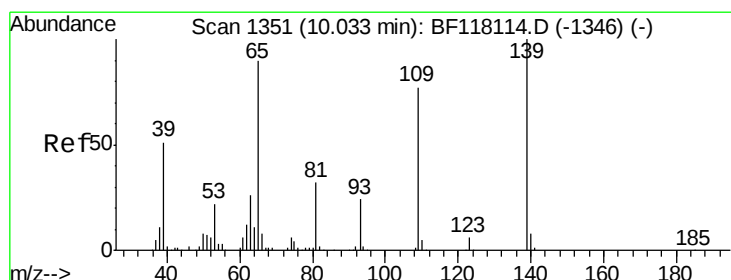
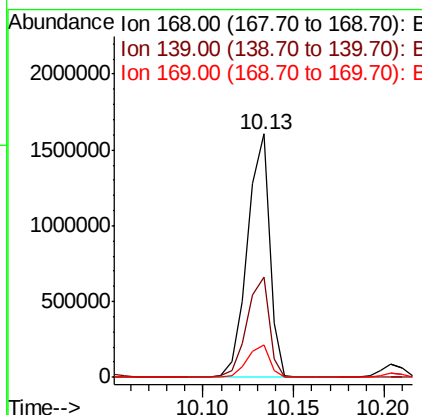
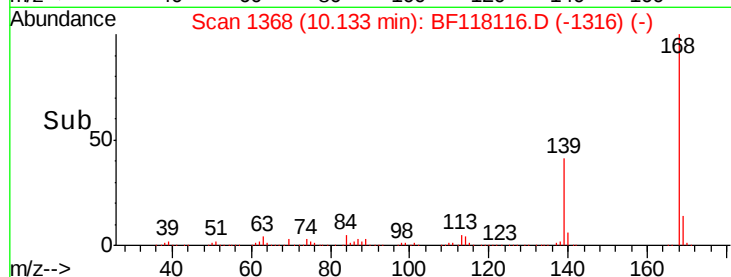
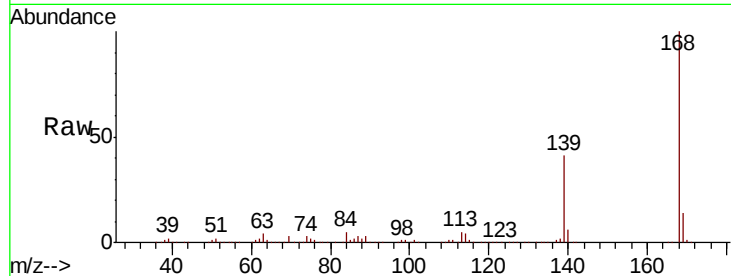
#55
Dibenzenofuran
Concen: 61.375 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion:168 Resp: 1369662
Ion Ratio Lower Upper
168 100
139 41.2 33.4 50.0
169 13.6 11.0 16.6

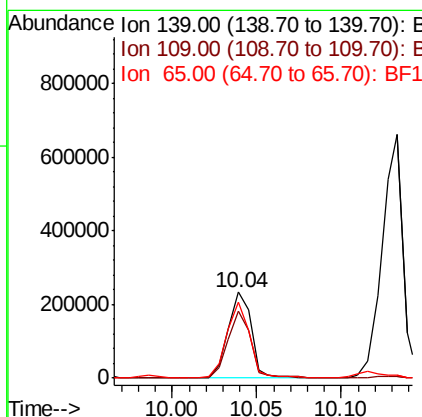
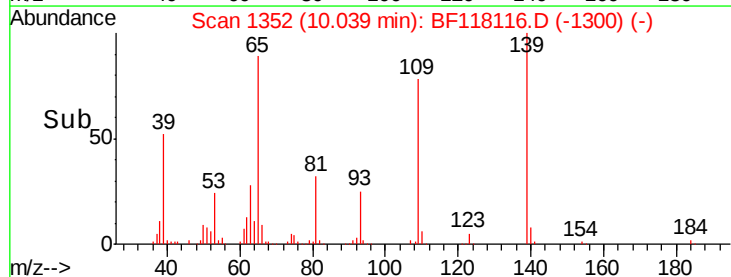
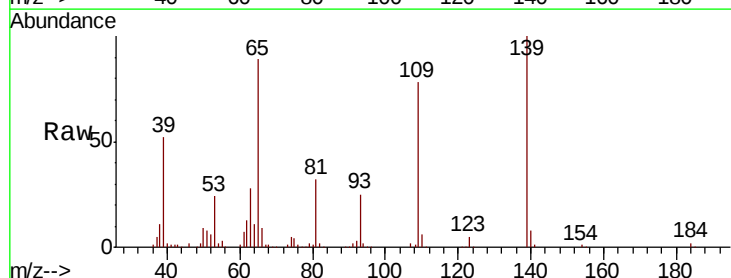
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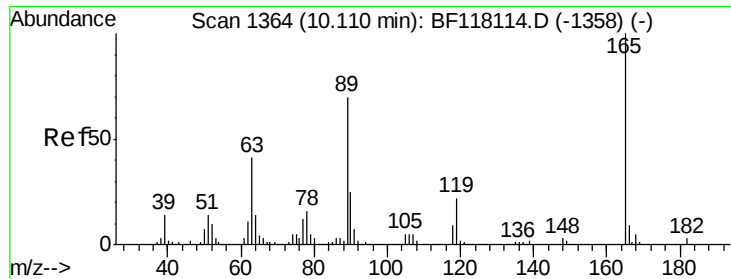
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#56
4-Nitrophenol
Concen: 59.026 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion:139 Resp: 228433
Ion Ratio Lower Upper
139 100
109 78.4 57.3 97.3
65 89.0 70.2 110.2





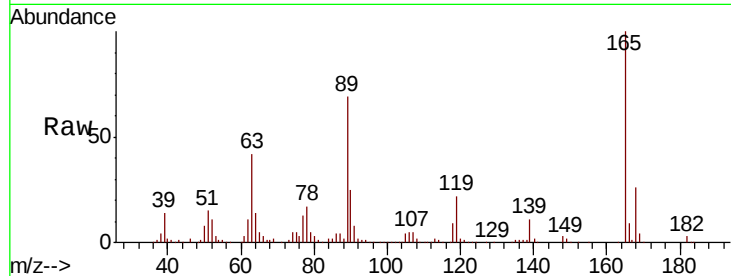
#57
2,4-Dinitrotoluene
Concen: 66.862 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	42.5	32.6	49.0
89	69.2	56.1	84.1
182	2.5	2.1	3.1

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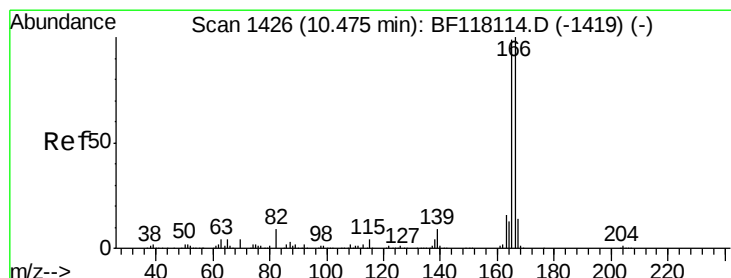
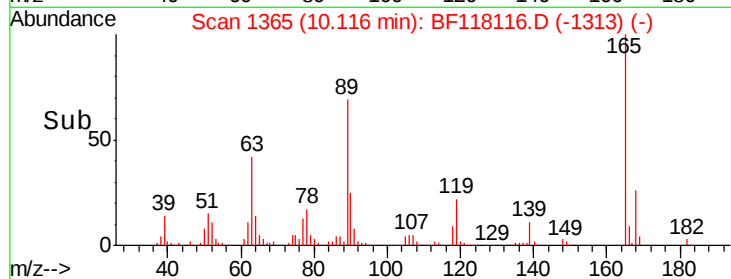
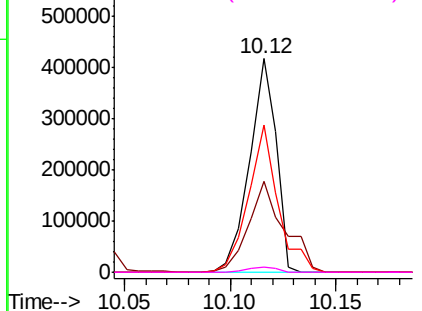
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

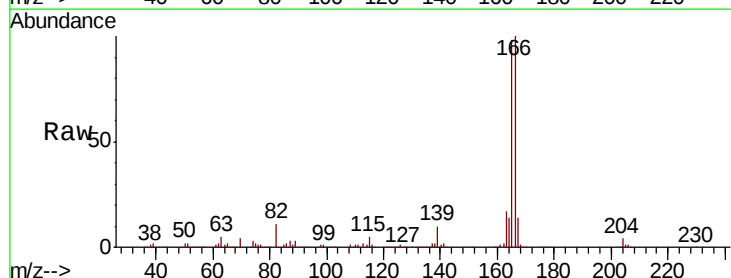
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 63.139 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.9	79.0	118.4
167	13.8	10.9	16.3

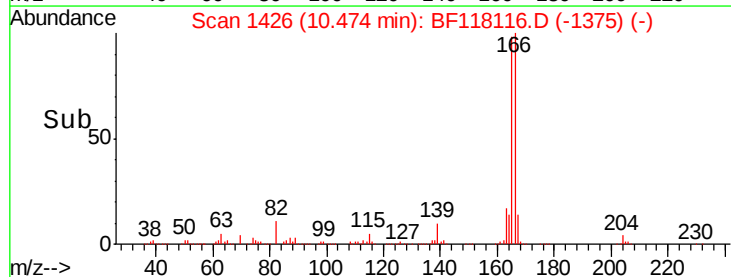
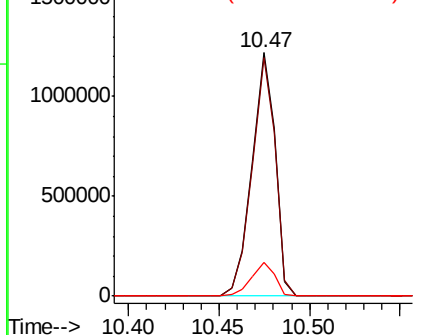


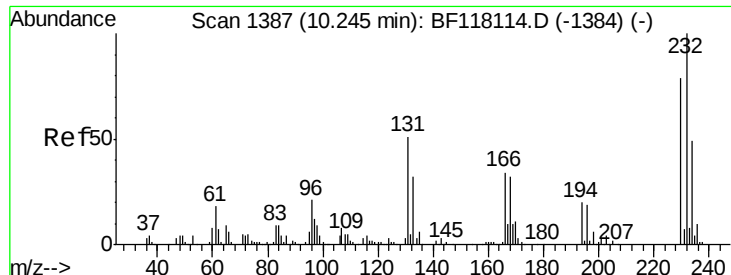
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





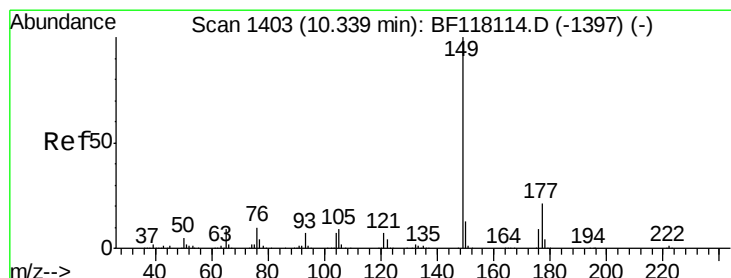
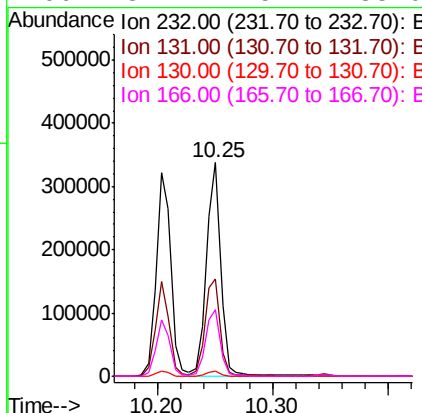
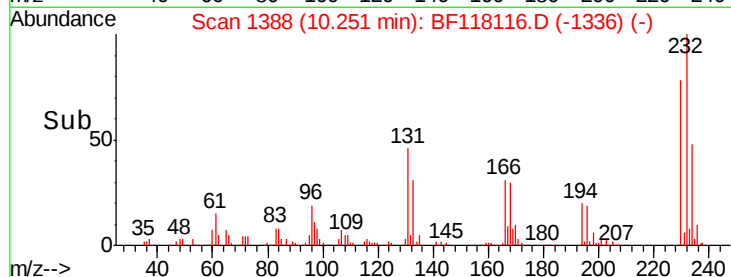
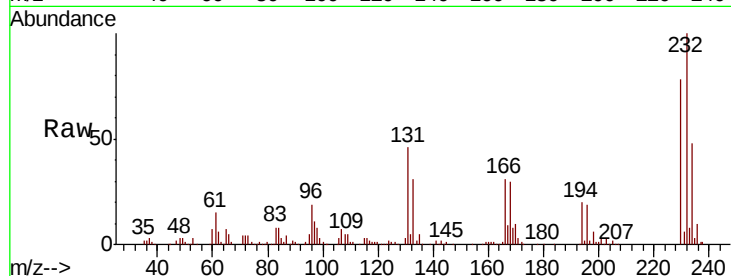
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 58.274 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Resp	Lower	Upper
232	100	292355		
131	47.9	38.8	58.2	
130	2.6	1.9	2.9	
166	32.1	25.4	38.0	

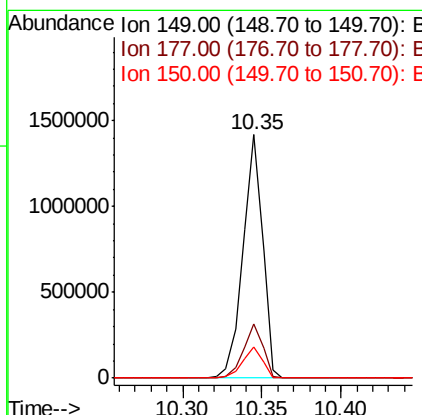
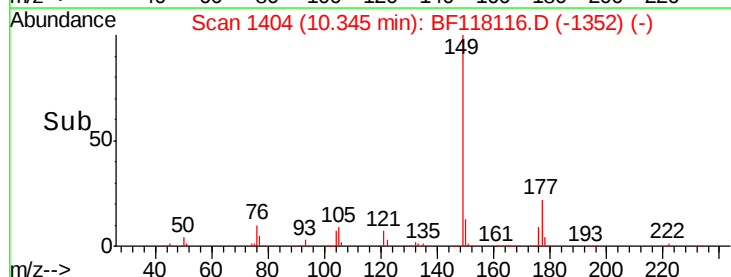
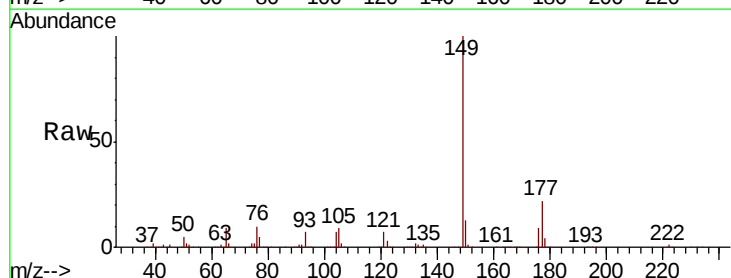
Manual Integrations
 APPROVED

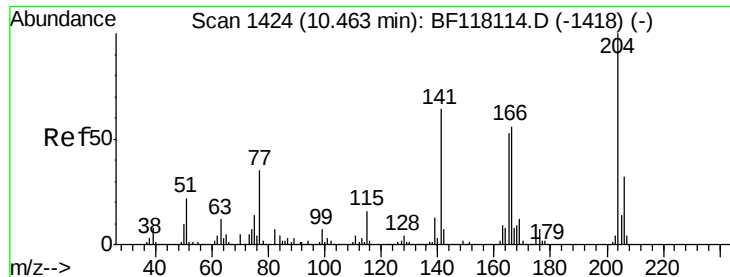
mohammad
 12/9/2019 3:09:47 PM



#60
 Diethylphthalate
 Concen: 62.615 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1210250		
177	22.2	17.0	25.4	
150	12.9	10.1	15.1	





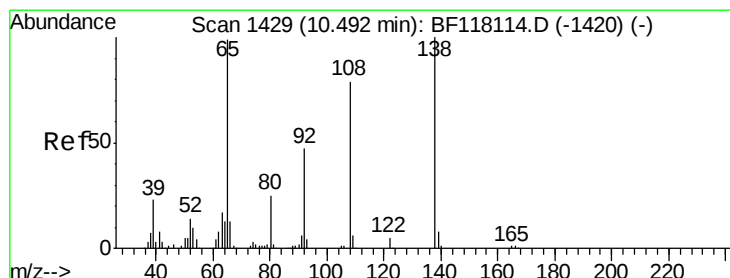
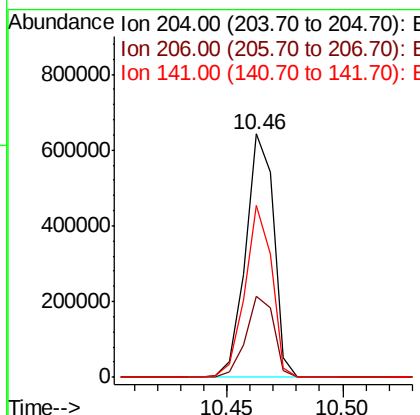
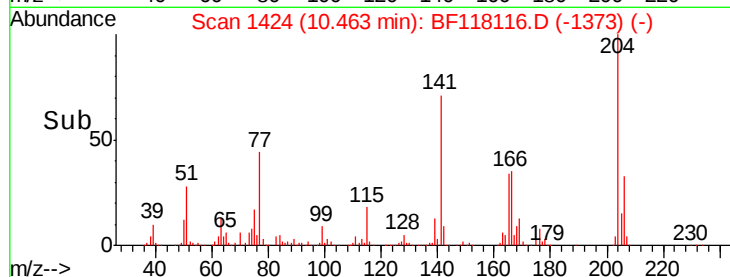
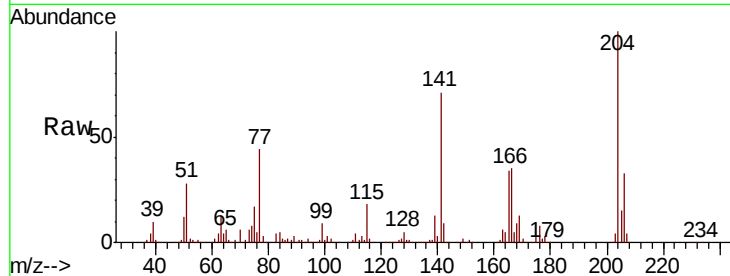
#61
4-Chlorophenyl-phenylether
Concen: 62.446 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.0	39.0
141	70.7	51.0	76.6

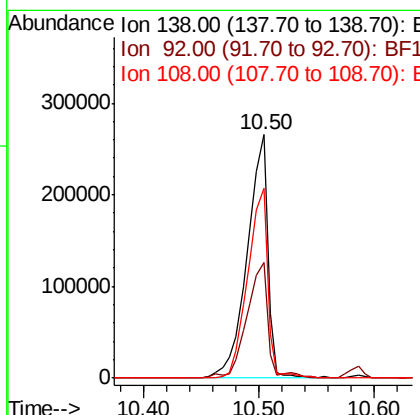
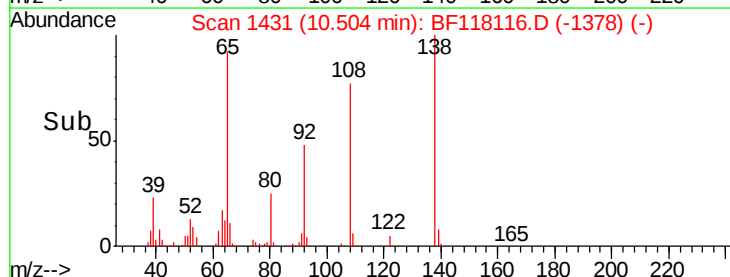
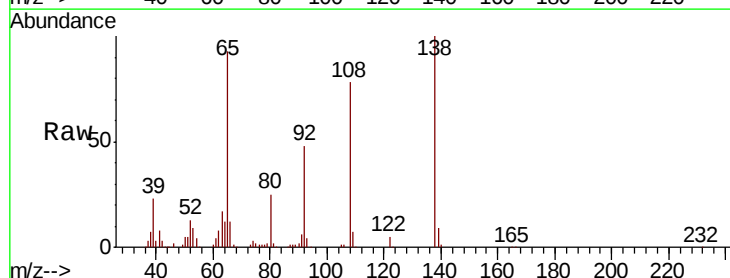
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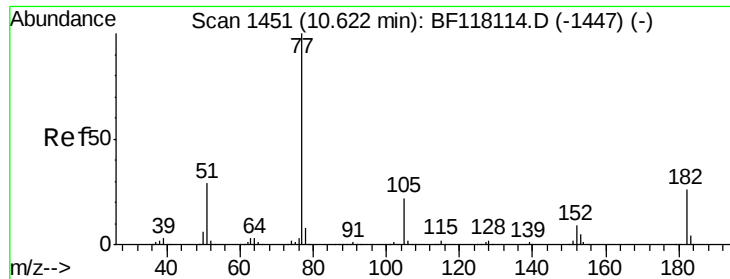
mohammad
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#62
4-Nitroaniline
Concen: 63.425 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	27.1	67.1
108	77.7	59.0	99.0





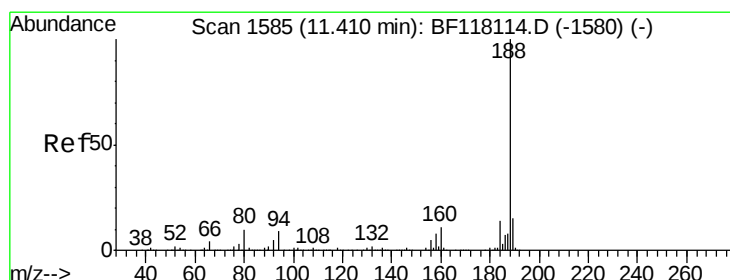
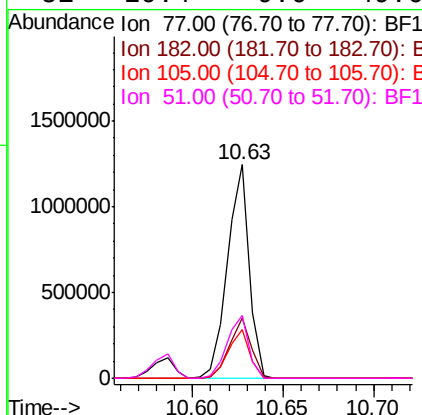
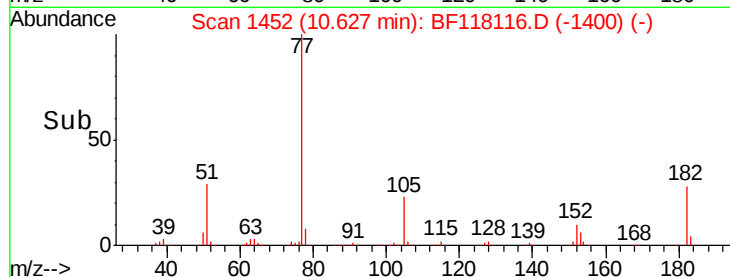
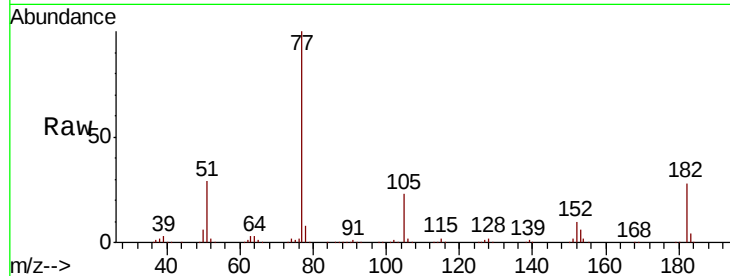
#63
Azobenzene
Concen: 59.015 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.5	5.7	45.7	
105	22.6	2.2	42.2	
51	29.4	9.6	49.6	

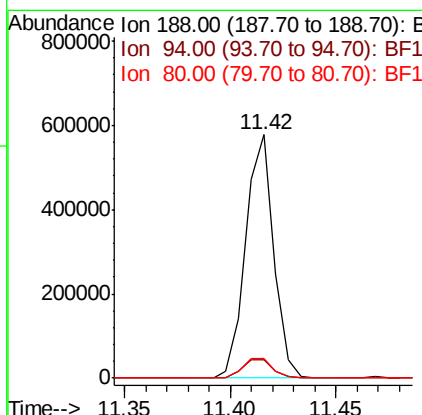
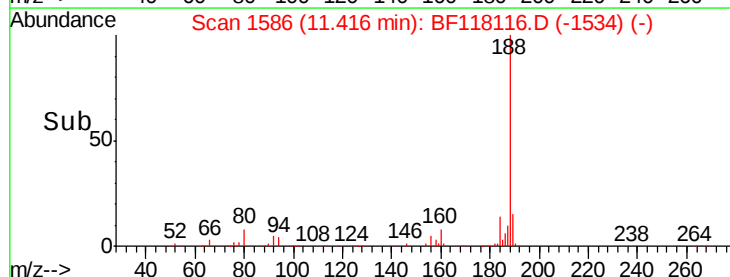
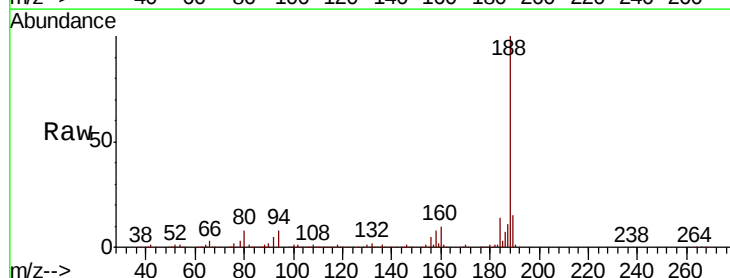
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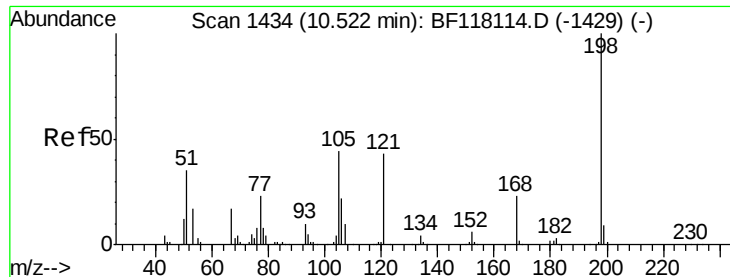
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	7.1	10.7	
80	8.1	7.9	11.9	





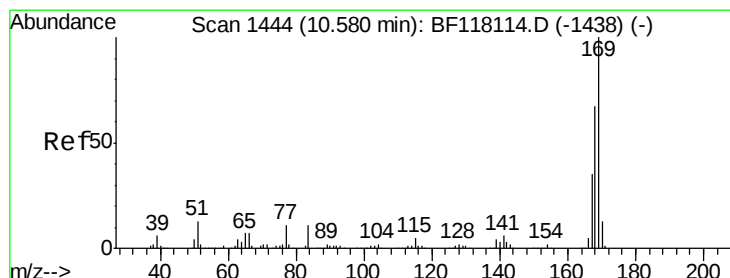
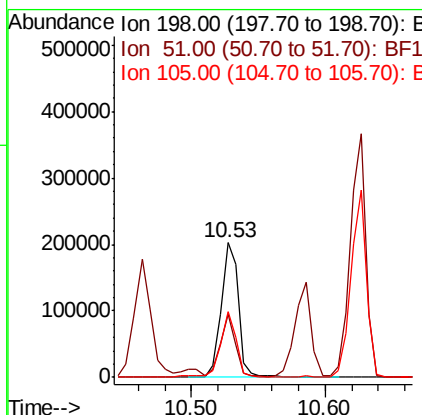
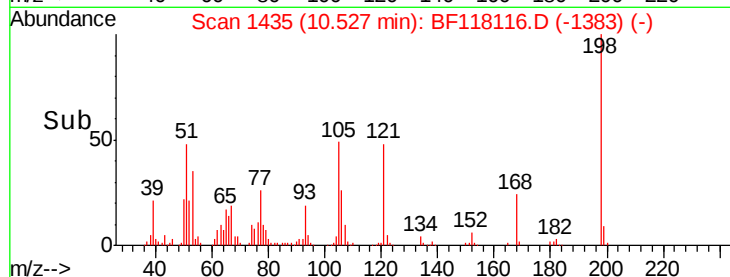
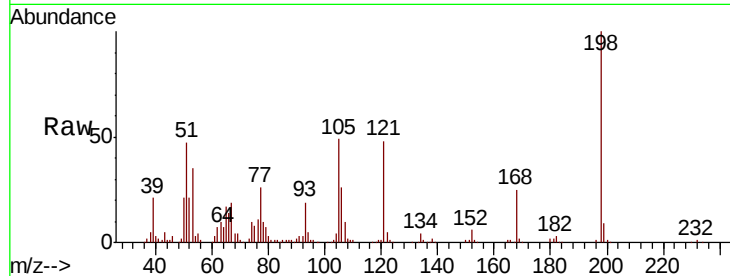
#65
4,6-Dinitro-2-methylphenol
Concen: 74.741 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tot Ion	Ratio	Resp	Lower	Upper
198	100	185773		
51	47.4	22.0	62.0	
105	49.1	25.6	65.6	

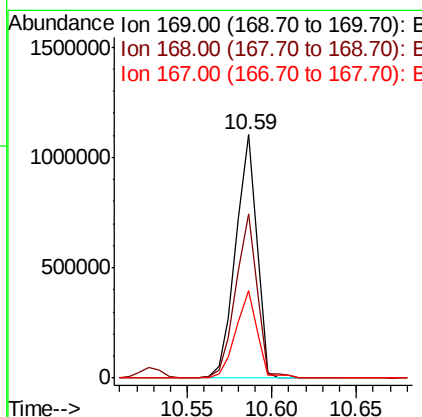
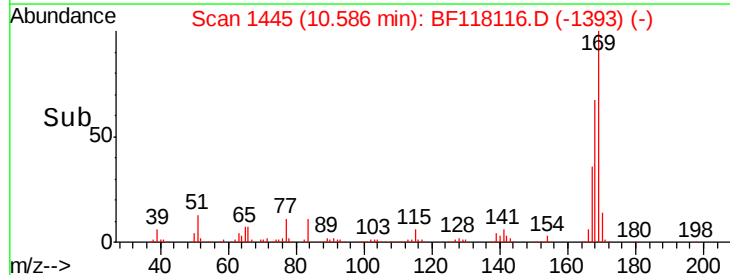
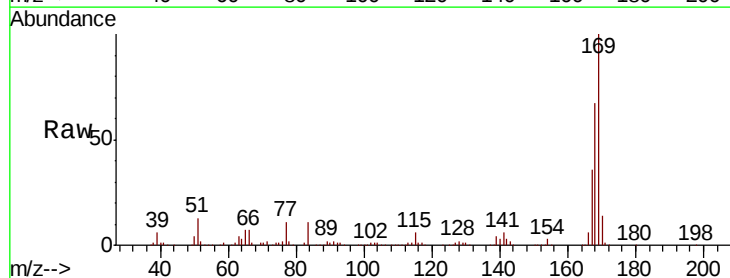
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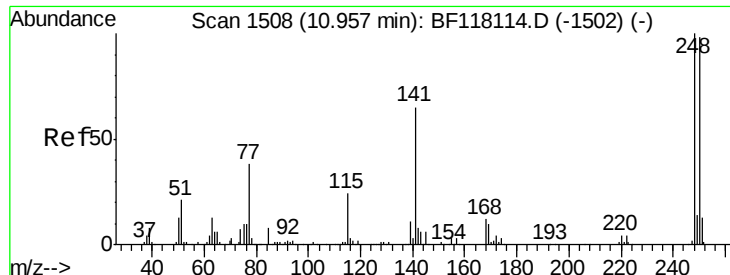
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 61.771 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	957143		
168	67.2	53.4	80.2	
167	36.1	28.4	42.6	





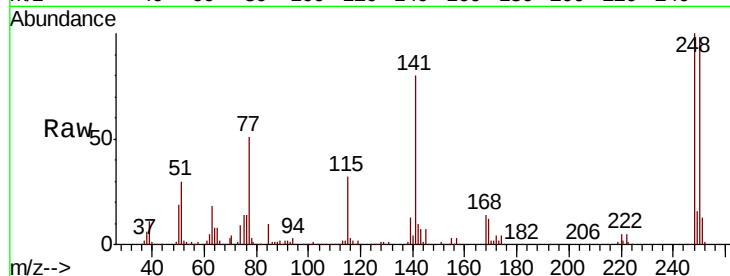
#67
 4-Bromophenyl-phenylether
 Concen: 61.914 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

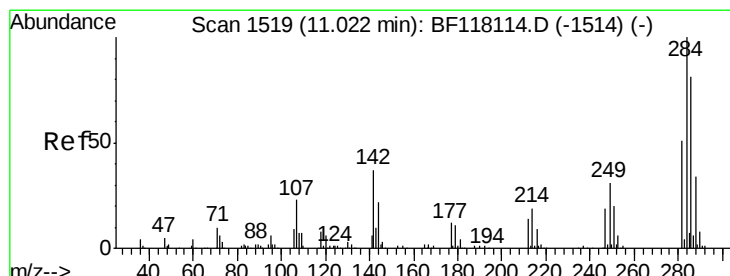
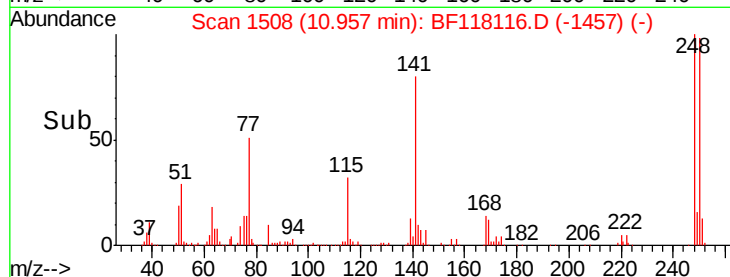
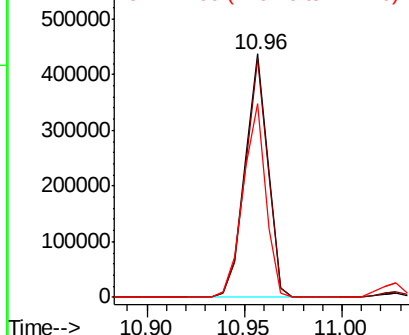
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	78.3	117.5
141	79.7	52.2	78.4

Manual Integrations
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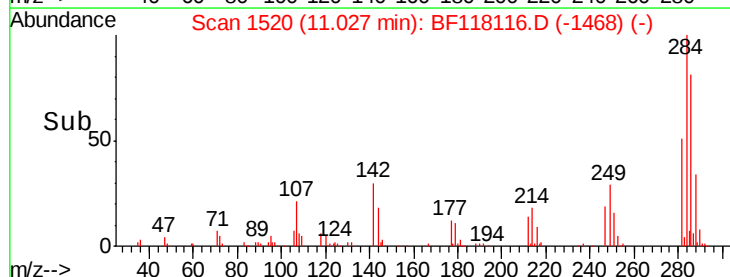
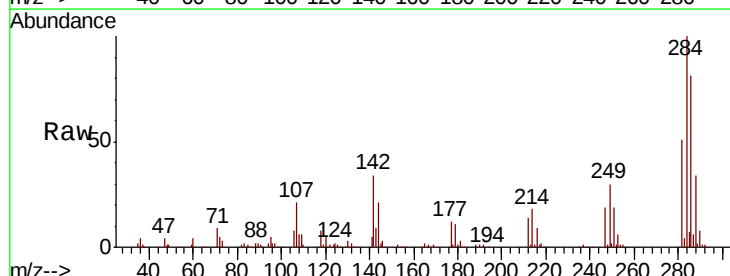
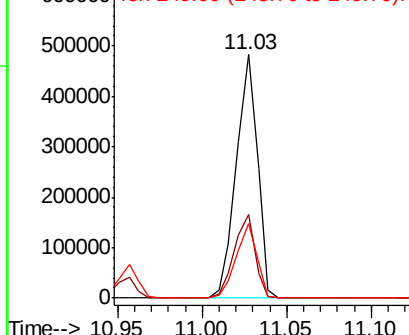
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

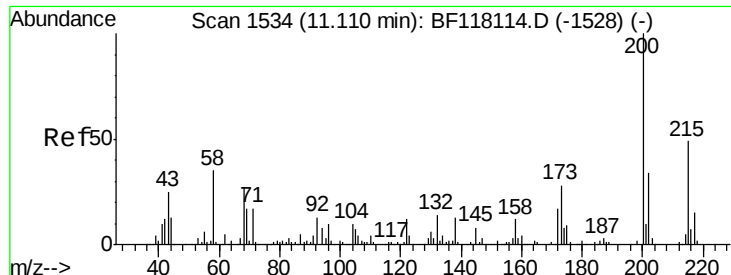


#68
 Hexachlorobenzene
 Concen: 62.921 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.4	29.7	44.5
249	30.5	24.6	37.0

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





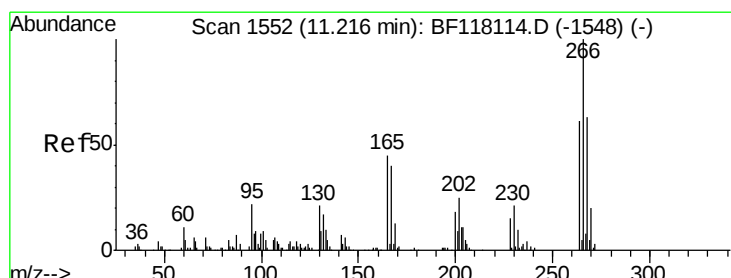
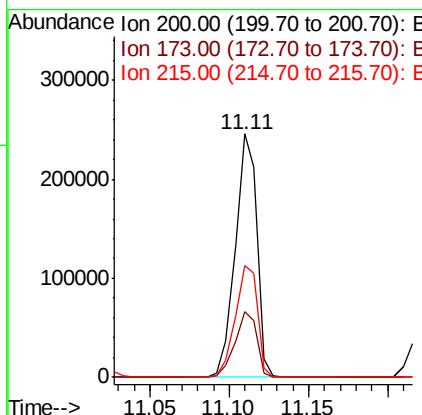
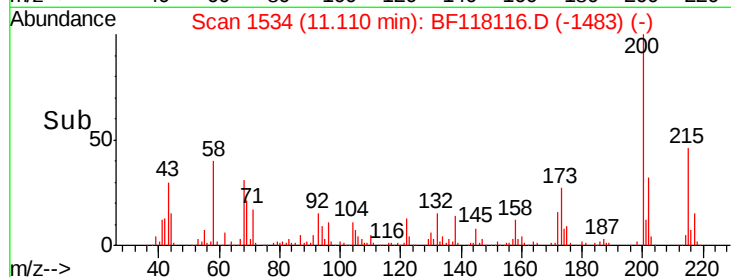
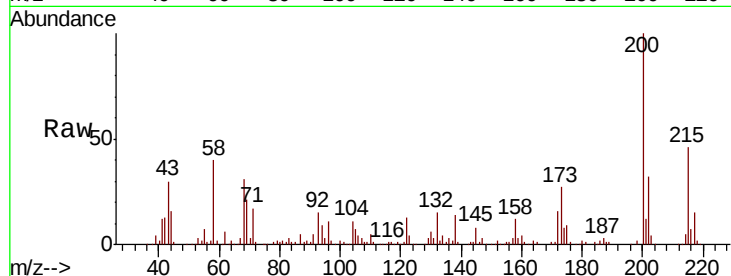
#69
Atrazine
Concen: 45.465 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	8.1	48.1
215	46.0	29.0	69.0

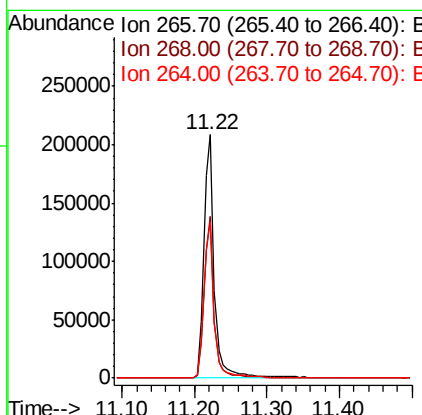
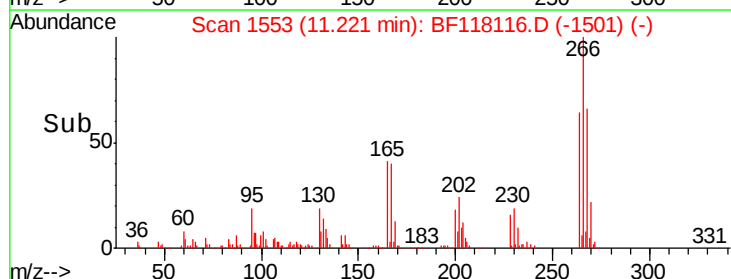
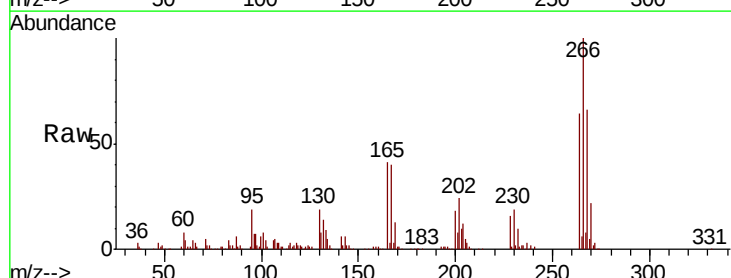
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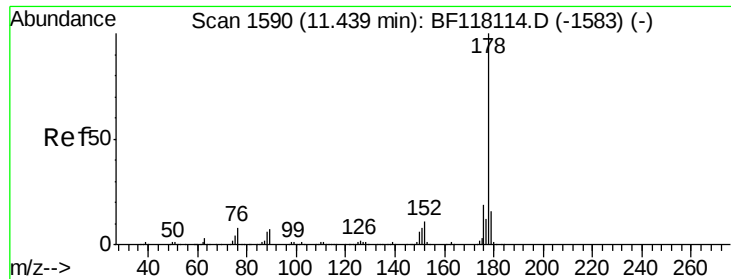
mohammad
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#70
Pentachlorophenol
Concen: 53.510 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.4	50.7	76.1
264	64.3	48.7	73.1





#71

Phenanthrene

Concen: 61.214 ng

RT: 11.44 min Scan# 1591

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tot Ion:178 Resp: 1638619

Ion Ratio Lower Upper

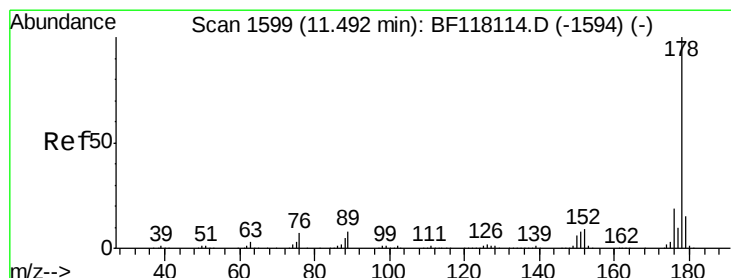
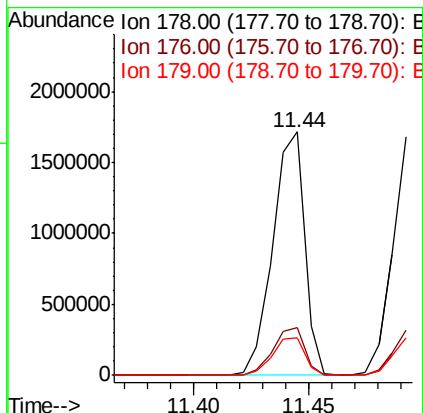
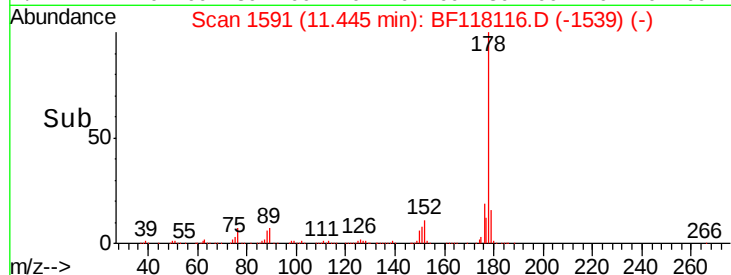
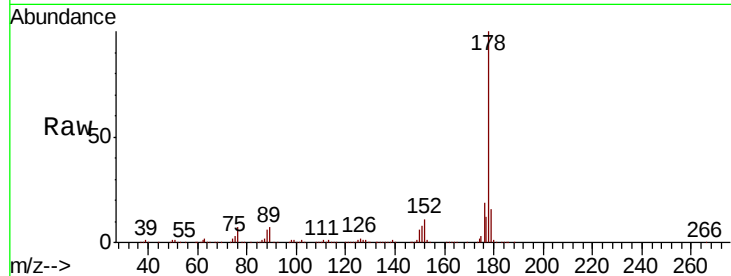
178 100

176 19.5 15.5 23.3

179 15.6 12.6 18.8

Manual Integrations
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#72

Anthracene

Concen: 61.435 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

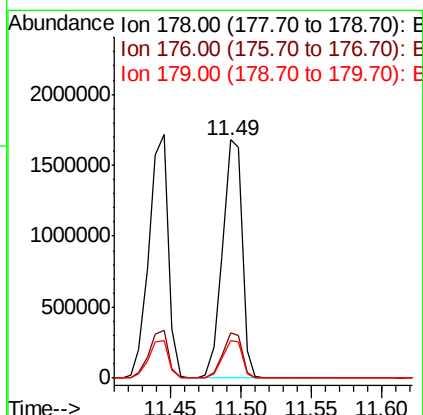
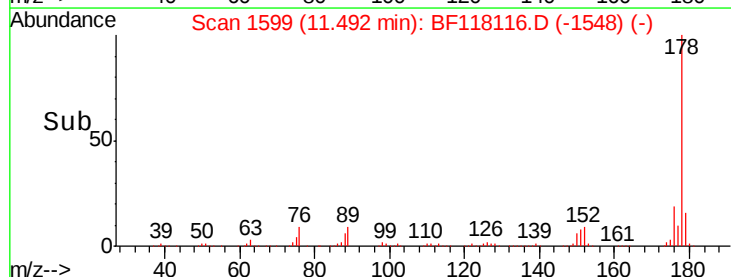
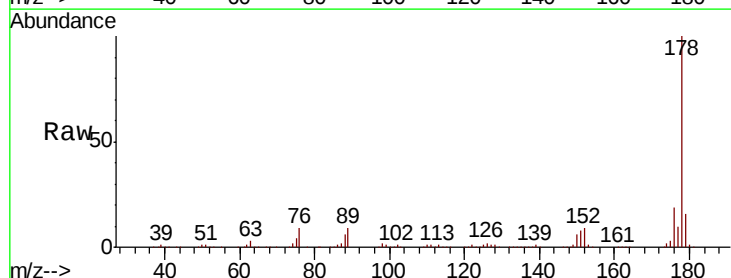
Tgt Ion:178 Resp: 1630521

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.6

179 16.0 12.2 18.4





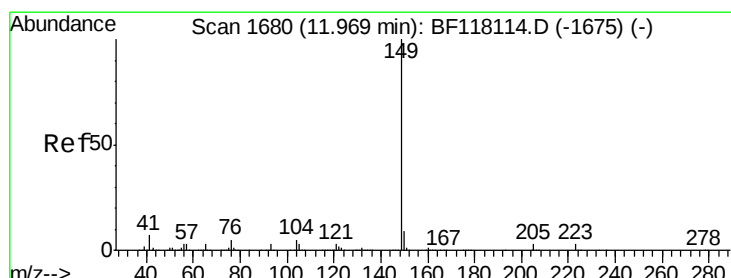
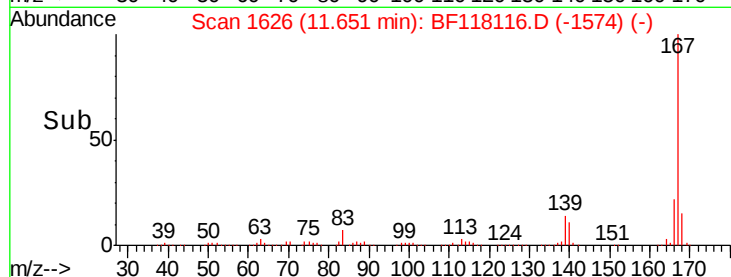
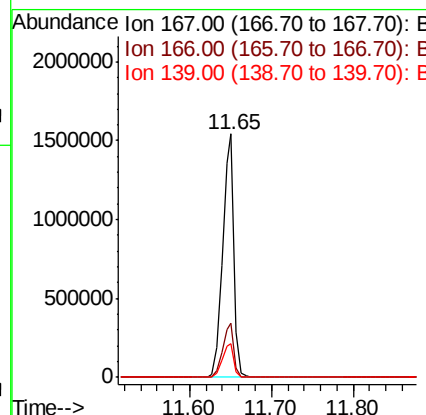
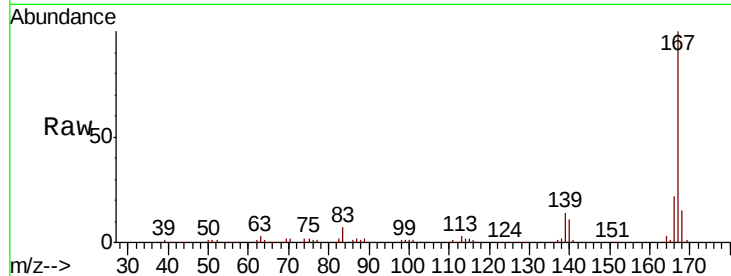
#73
 Carbazole
 Concen: 63.597 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.2	17.4	26.2	
139	14.0	11.4	17.0	

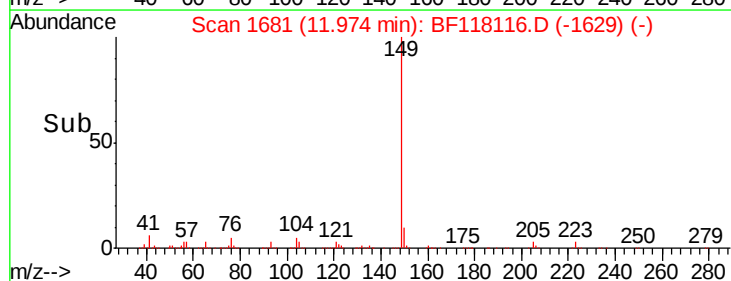
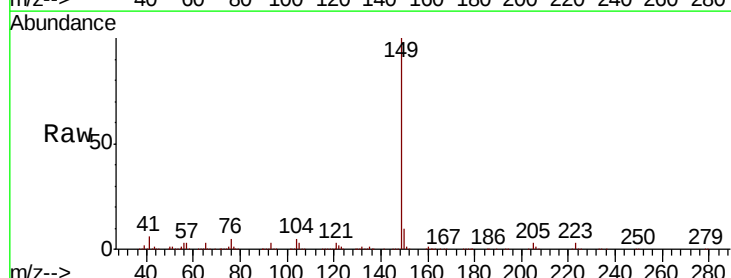
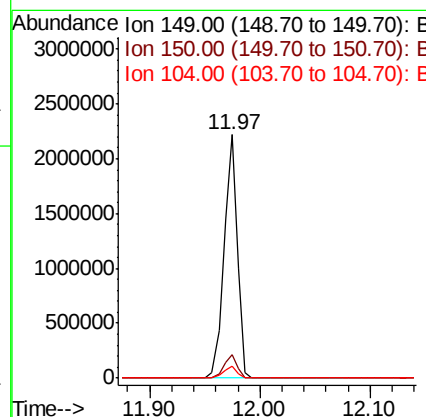
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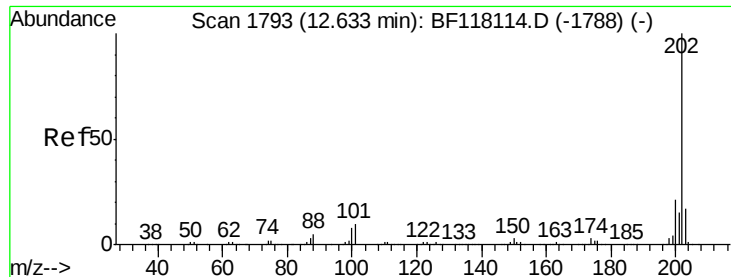
mohammad
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#74
 Di-n-butylphthalate
 Concen: 63.811 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.7	7.4	11.2	
104	5.1	4.3	6.5	





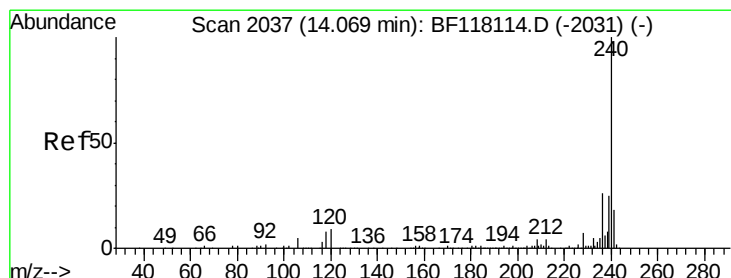
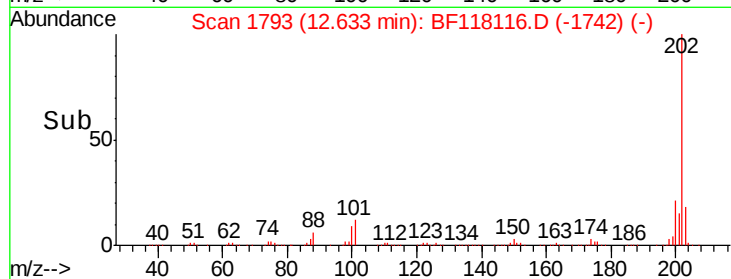
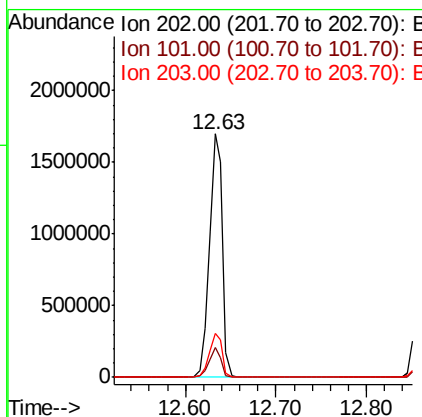
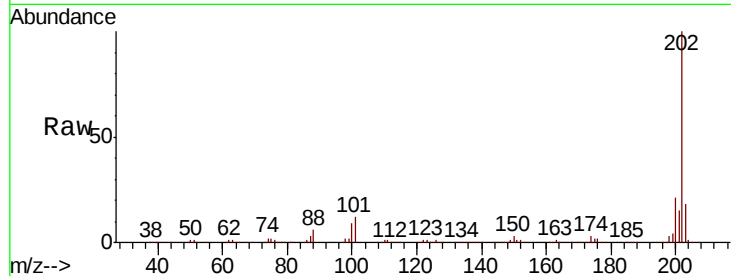
#75
 Fluoranthene
 Concen: 65.667 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	30.4
203	18.2	0.0	37.2

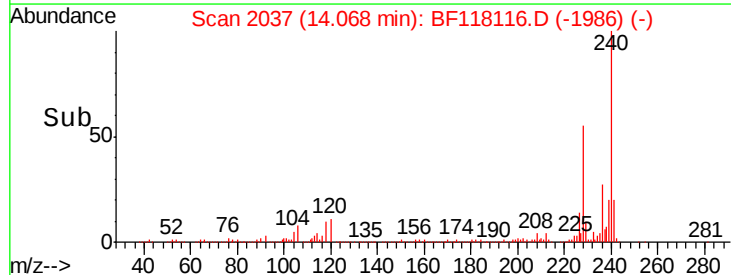
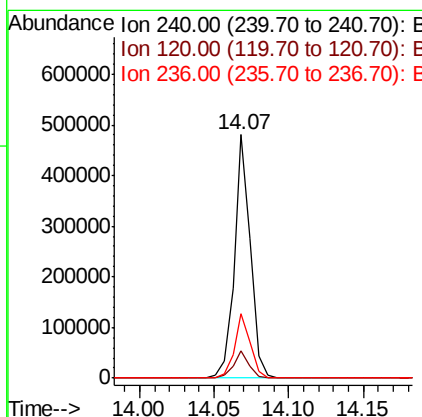
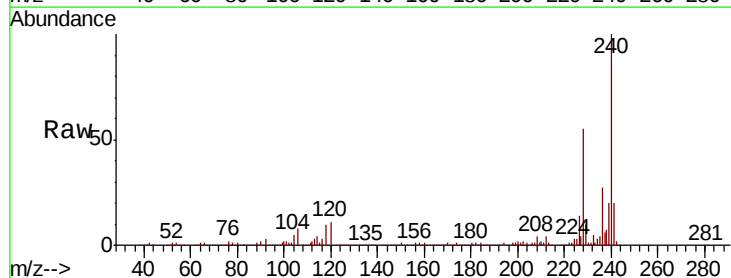
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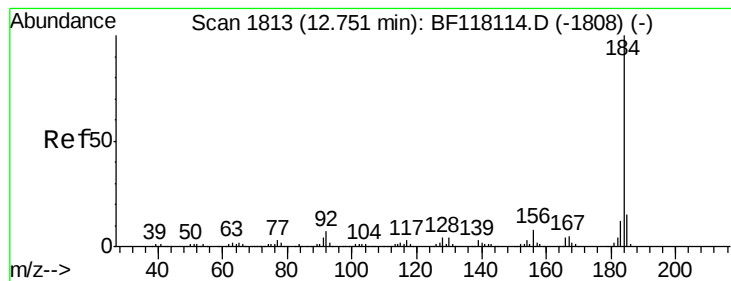
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.1	10.7#
236	26.7	21.0	31.6





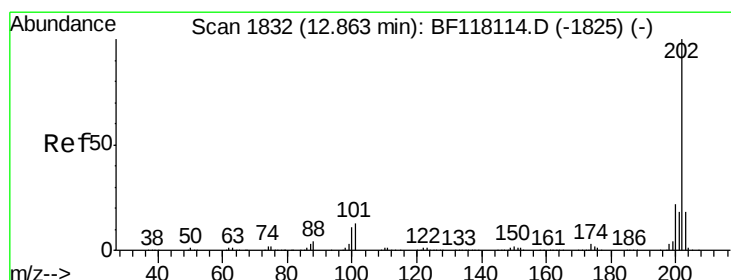
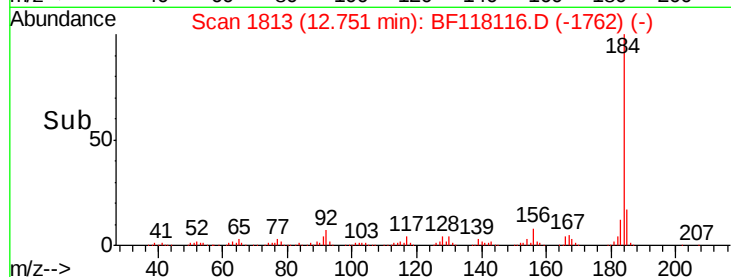
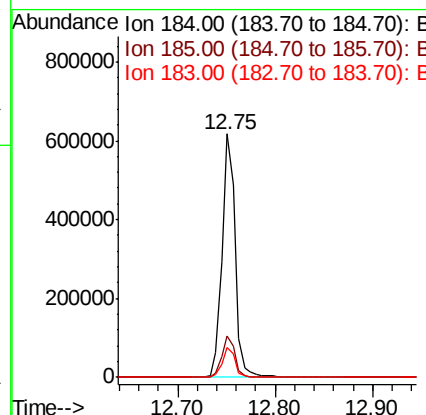
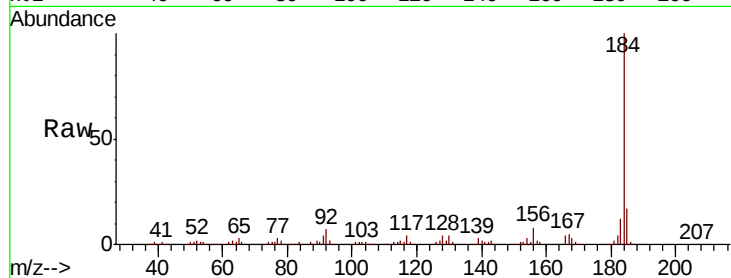
#77
Benzidine
Concen: 48.650 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
184	100		
185	17.1	12.3	18.5
183	12.3	9.9	14.9

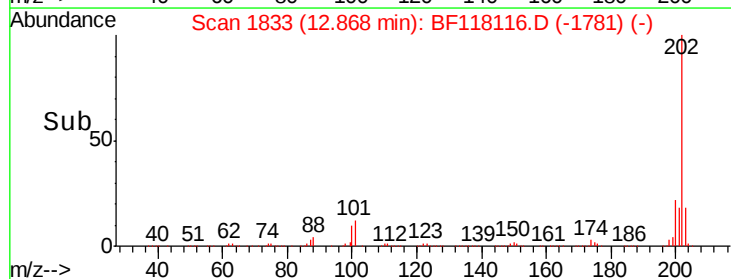
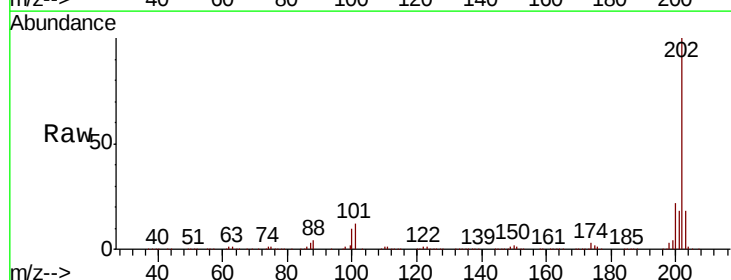
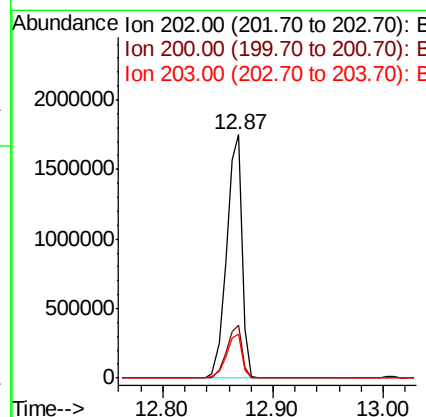
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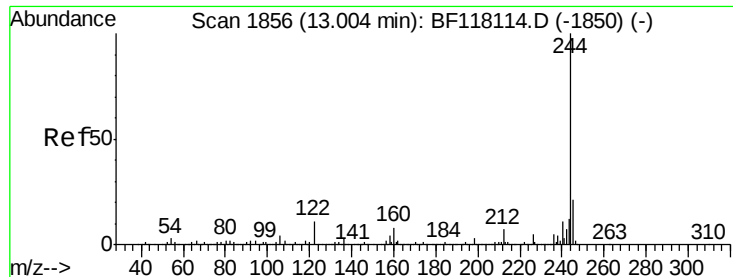
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#78
Pyrene
Concen: 57.943 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	17.9	14.6	21.8





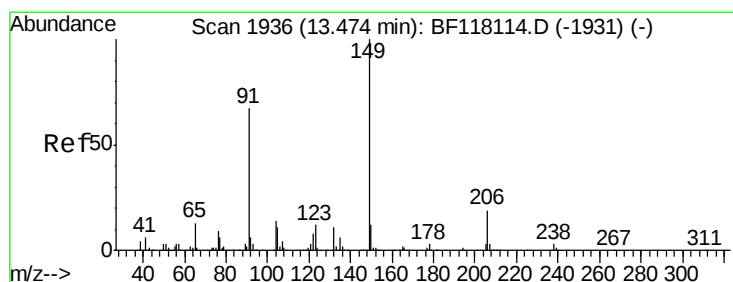
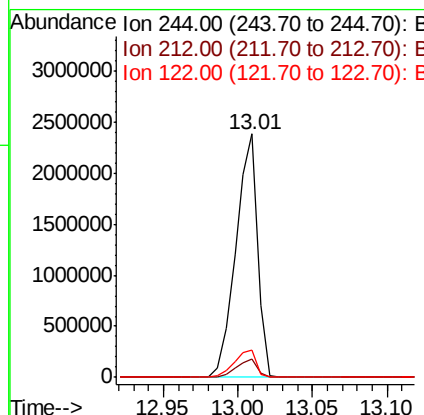
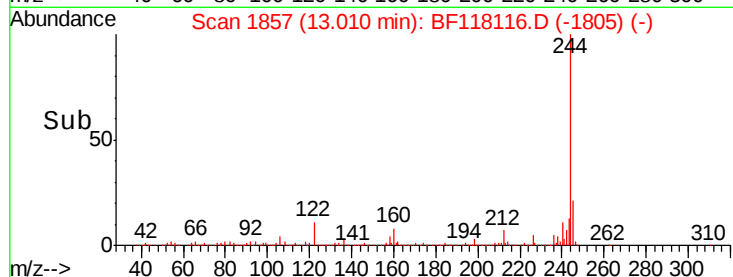
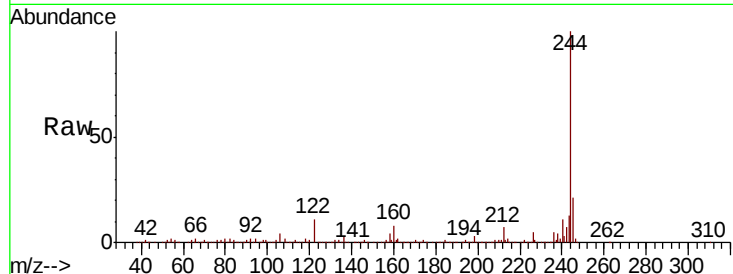
#79
 Terphenyl-d14
 Concen: 122.358 ng
 RT: 13.01 min Scan# 1857
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	11.1	9.0	13.6

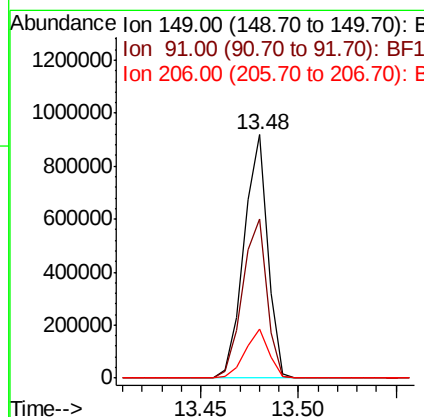
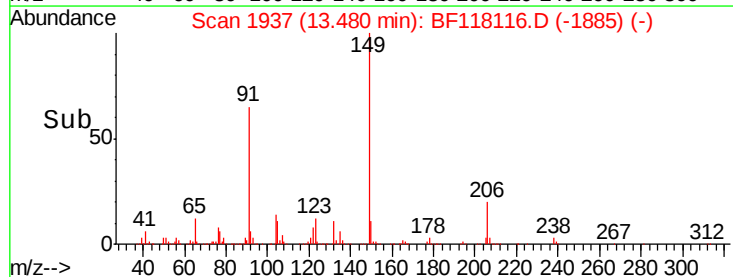
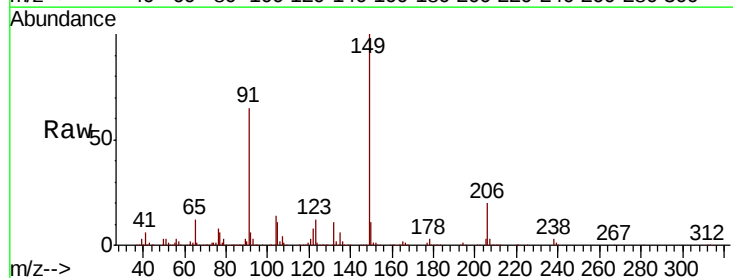
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#80
 Butylbenzylphthalate
 Concen: 61.490 ng
 RT: 13.48 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: BF118116.D
 Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.4	53.9	80.9
206	20.1	15.2	22.8





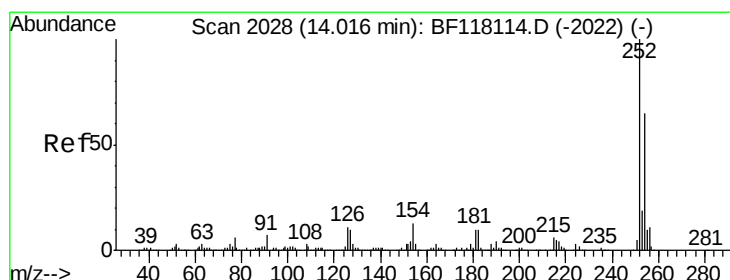
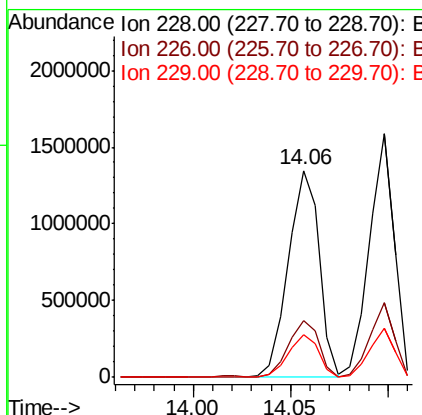
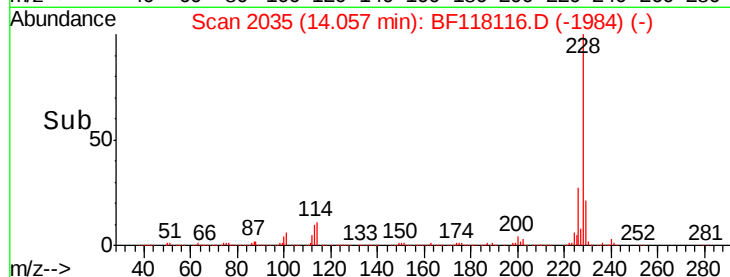
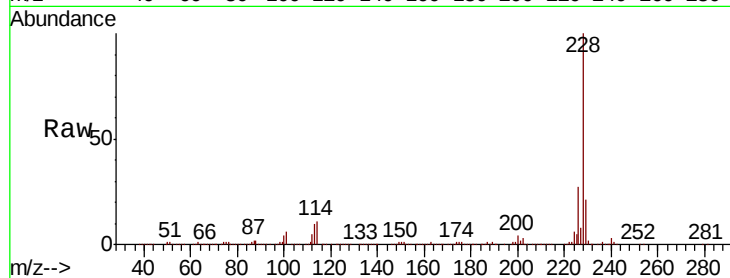
#81
Benzo(a)anthracene
Concen: 61.453 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.8	32.8
229	20.6	15.8	23.8

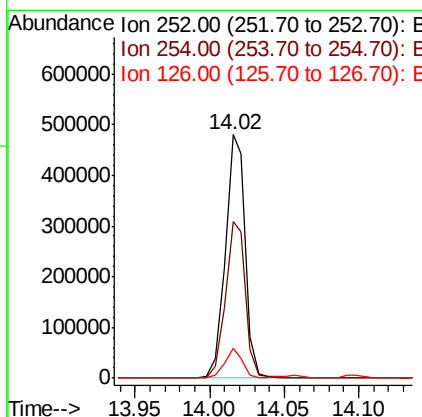
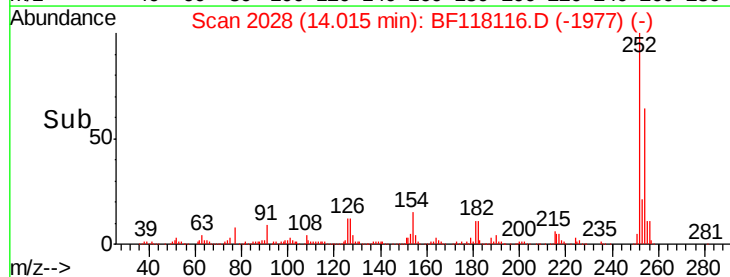
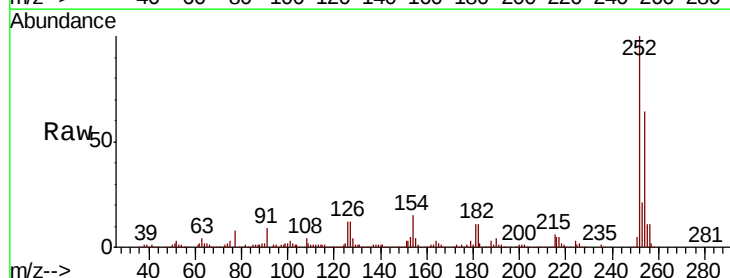
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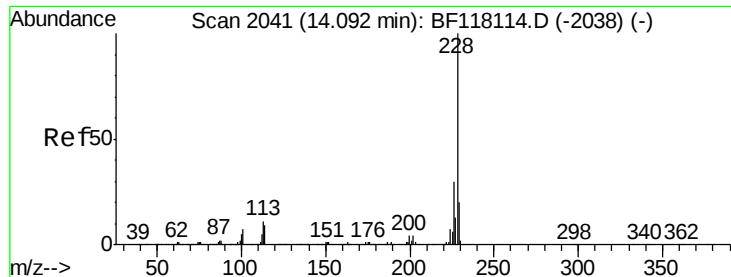
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#82
3,3'-Dichlorobenzidine
Concen: 54.061 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.2	78.4
126	12.0	8.6	13.0





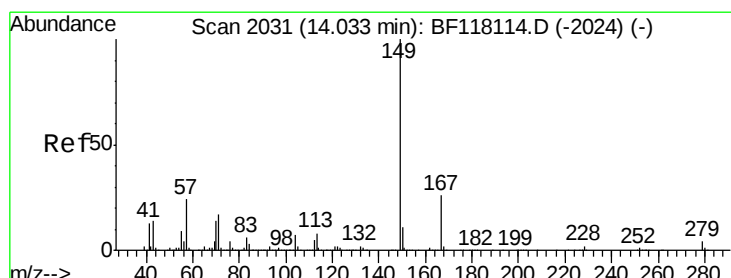
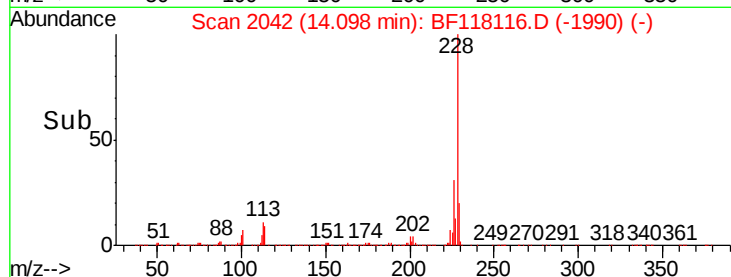
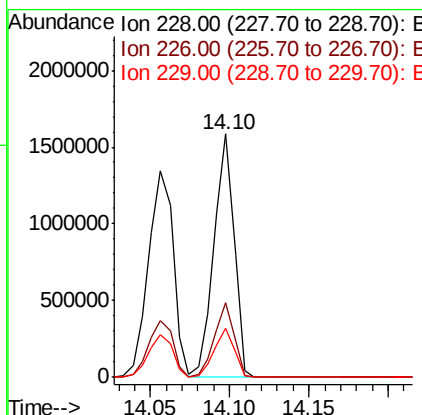
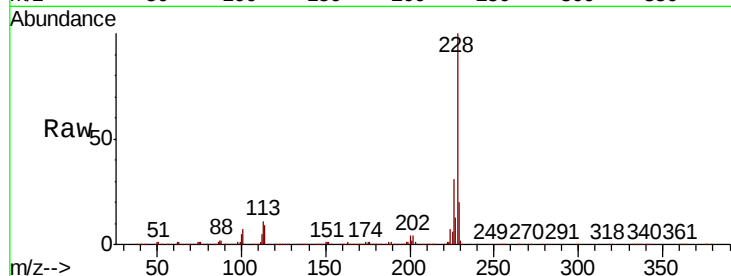
#83
Chrysene
Concen: 60.508 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.8
229	20.2	15.7	23.5

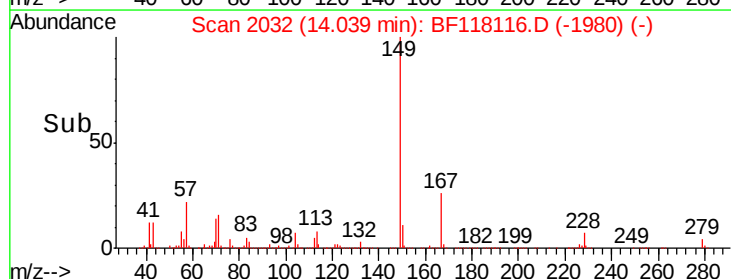
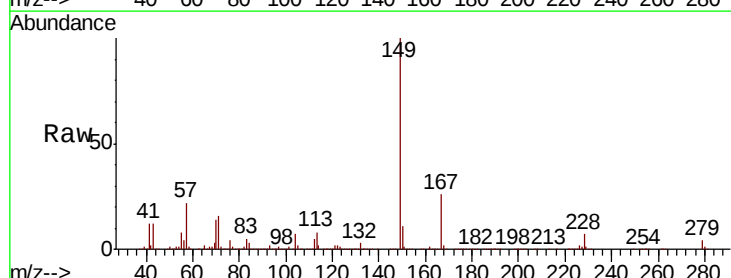
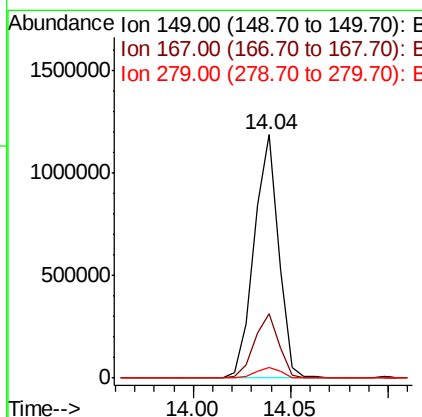
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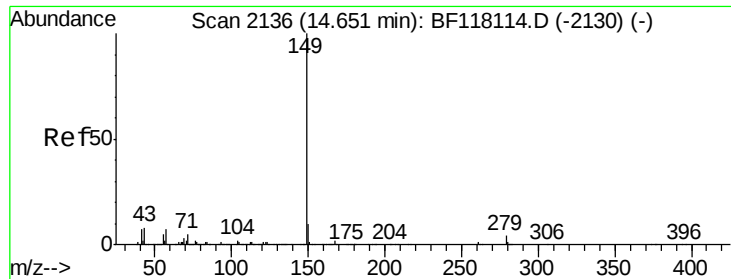
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#84
Bis(2-ethylhexyl)phthalate
Concen: 67.634 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.8	31.2
279	4.4	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 68.960 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

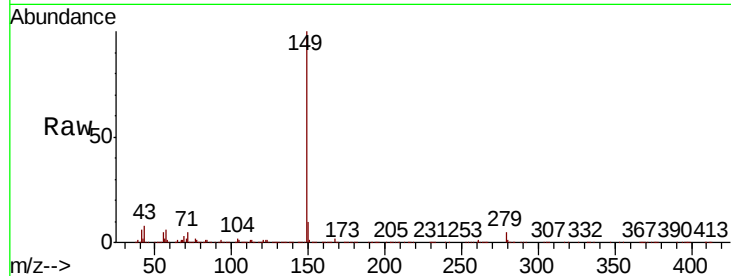
ClientSampleId :

SSTDIC060

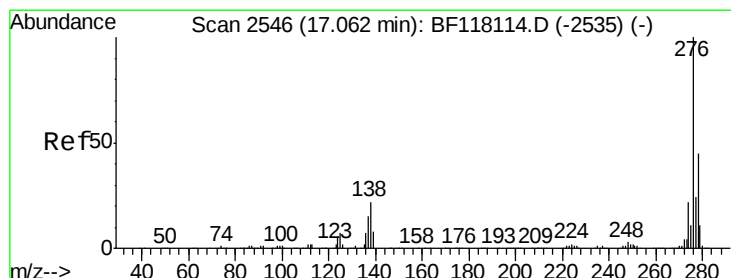
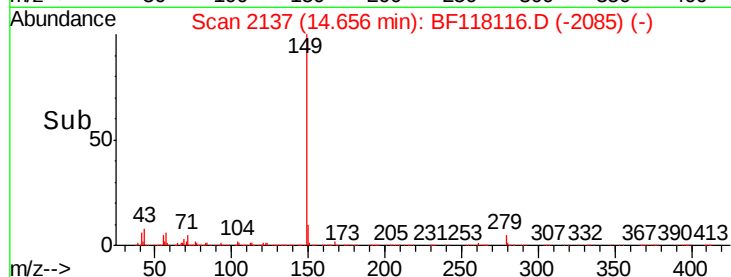
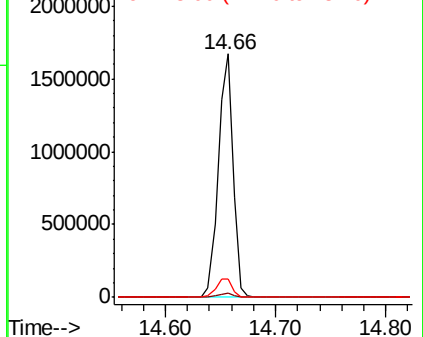
Tot Ion:	149	Resp:	1548257
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	8.2	6.5	9.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 57.865 ng

RT: 17.07 min Scan# 2548

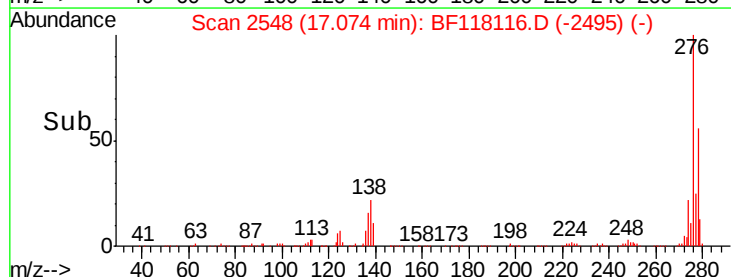
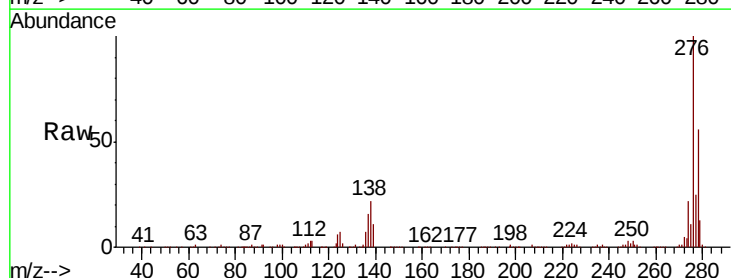
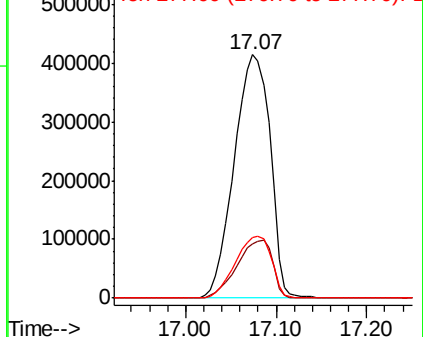
Delta R.T. 0.01 min

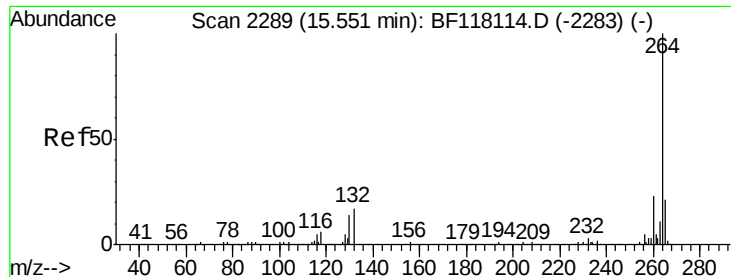
Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Tgt Ion:	276	Resp:	1145289
Ion	Ratio	Lower	Upper
276	100		
138	23.7	18.9	28.3
277	25.6	20.4	30.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.01 min

Lab File: BF118116.D

Acq: 6 Dec 2019 15:55

Instrument :

BNA_F

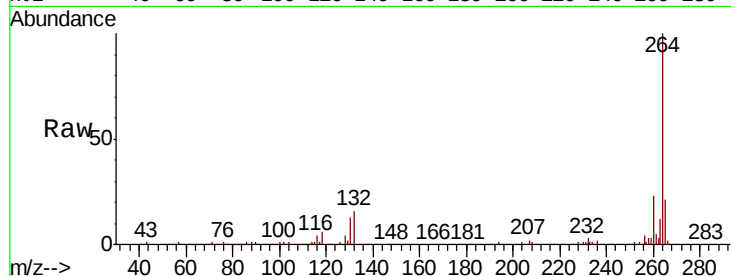
ClientSampleId :

SSTDICC060

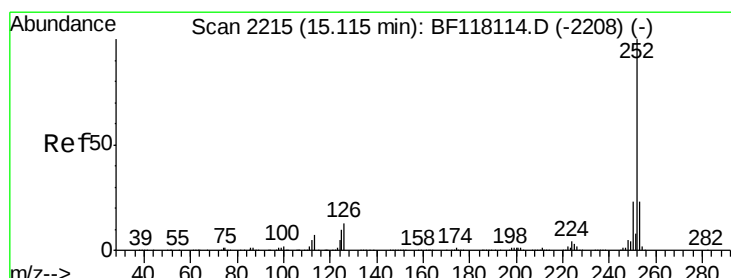
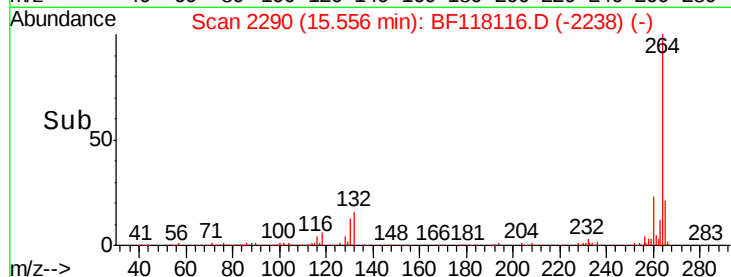
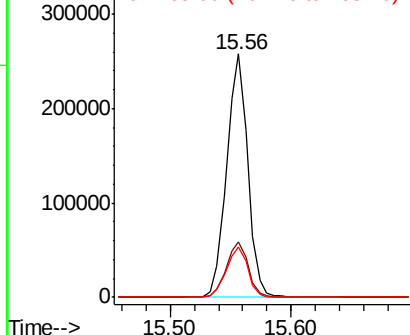
Tot Ion:	264	Resp:	313401
Ion Ratio	Lower	Upper	
264	100		
260	22.7	18.6	28.0
265	20.9	16.8	25.2

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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: 60.261 ng

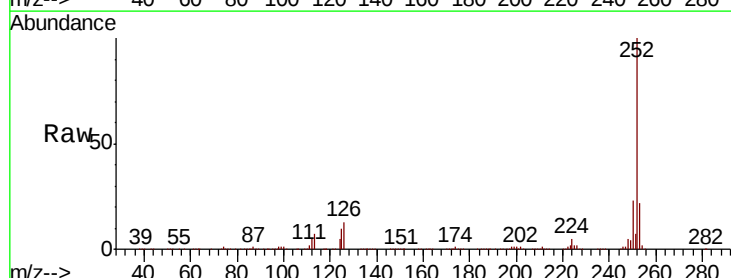
RT: 15.12 min Scan# 2216

Delta R.T. 0.01 min

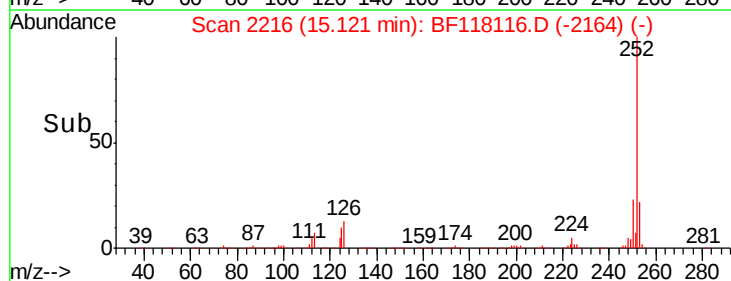
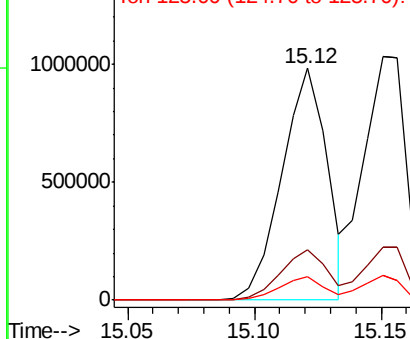
Lab File: BF118116.D

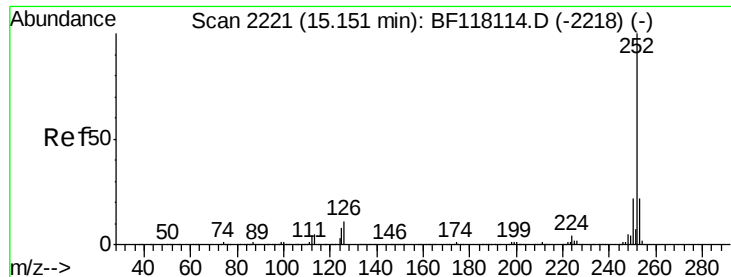
Acq: 6 Dec 2019 15:55

Tgt Ion:	252	Resp:	1227024
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.2	27.4
125	9.9	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





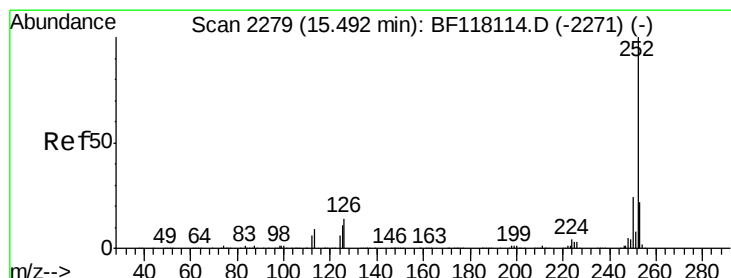
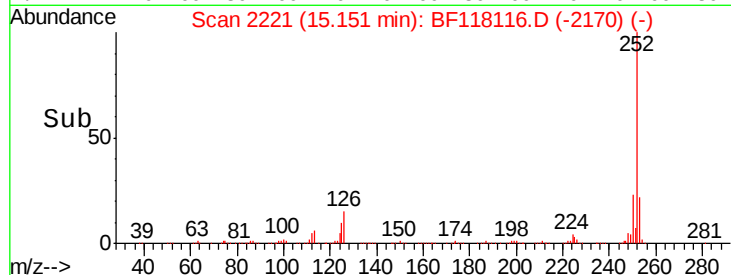
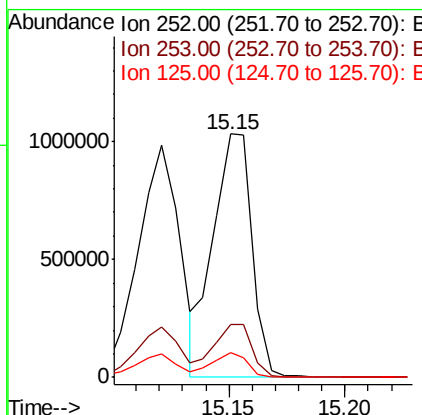
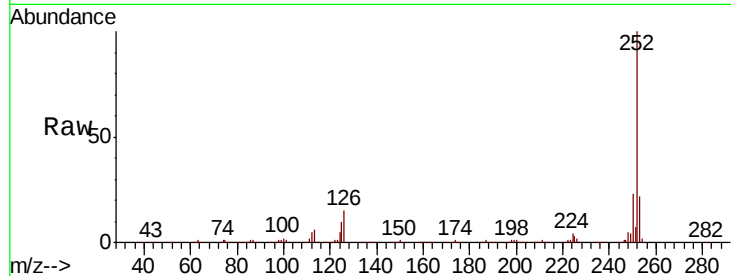
#89
Benzo(k)fluoranthene
Concen: 62.983 ng m
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.2	6.7	10.1

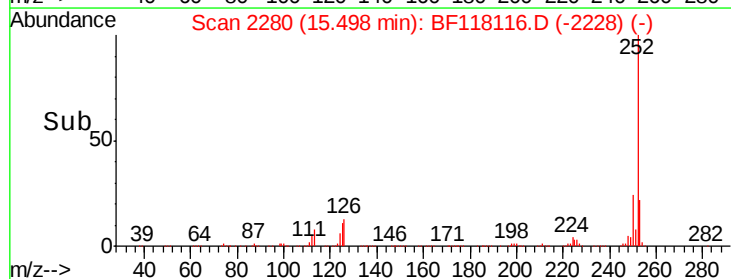
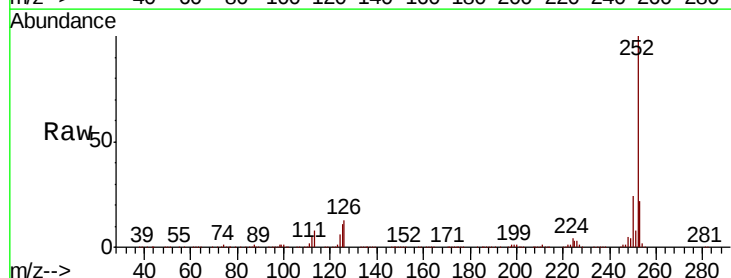
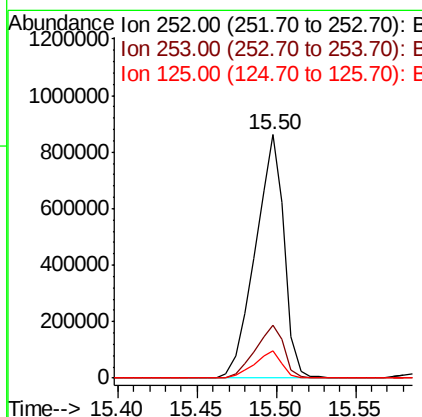
Manual Integrations
APPROVED

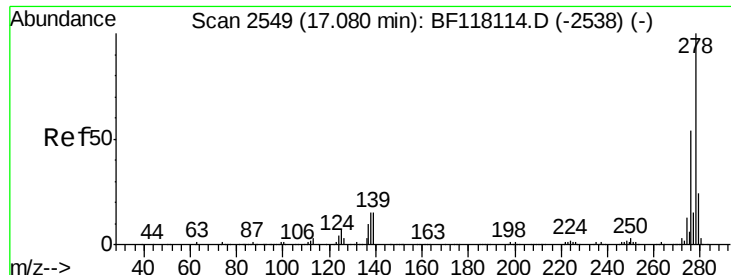
mohammad
12/9/2019 3:09:47 PM



#90
Benzo(a)pyrene
Concen: 60.785 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	11.1	9.1	13.7





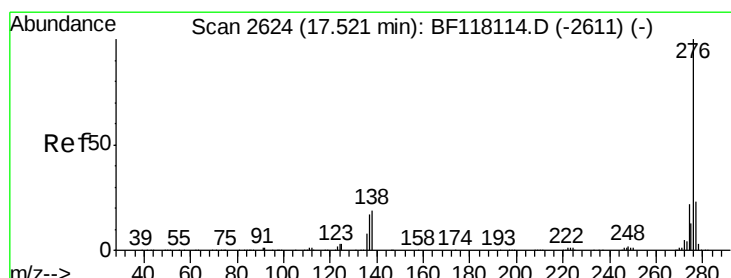
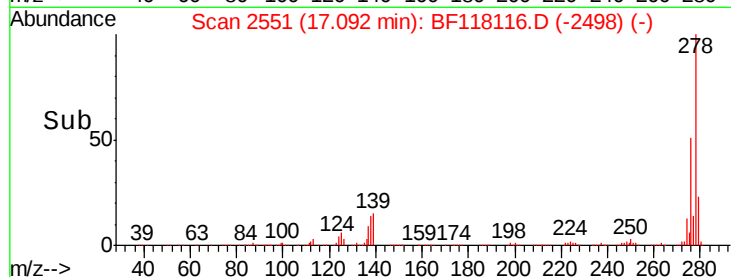
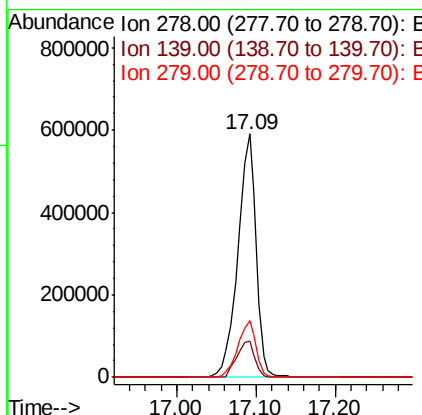
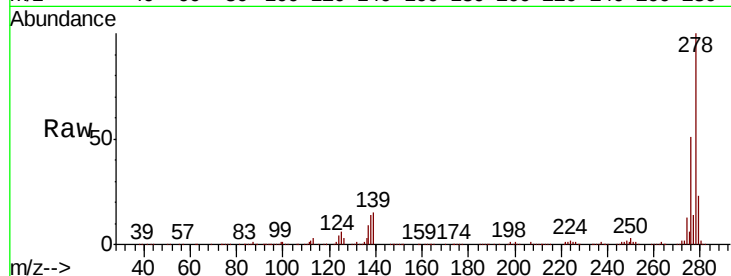
#91
Dibenzo(a,h)anthracene
Concen: 61.100 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	11.7	17.5
279	23.1	19.0	28.4

Manual Integrations
APPROVED

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#92
Benzo(g,h,i)perylene
Concen: 59.390 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF118116.D
Acq: 6 Dec 2019 15:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.2	27.4
138	20.3	15.5	23.3

