

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116658.D
 Acq On : 30 Aug 2019 18:17
 Operator : HP/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 30 18:51:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 18:11:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	151251	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	637134	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	316527	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	500909	20.00	ng	0.00
76) Chrysene-d12	14.00	240	285315	20.00	ng	0.00
87) Perylene-d12	15.45	264	263823	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1054668	87.73	ng	0.00
7) Phenol-d6	6.49	99	1412603	101.62	ng	0.01
23) Nitrobenzene-d5	7.42	82	1328154	109.70	ng	0.01
42) 2,4,6-Tribromophenol	10.68	330	245381	67.23	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	2018067	80.04	ng	0.00
79) Terphenyl-d14	12.96	244	1756009	99.70	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	257280	43.186	ng	98
3) Pyridine	3.35	79	731162	43.877	ng	96
4) n-Nitrosodimethylamine	3.31	42	257625	40.504	ng	85
6) Aniline	6.52	93	990488	52.725	ng	97
8) 2-Chlorophenol	6.65	128	578710	49.328	ng	99
9) Benzaldehyde	6.40	77	387988	48.051	ng	98
10) Phenol	6.50	94	767360	49.757	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	615108	52.898	ng	97
12) 1,3-Dichlorobenzene	6.80	146	656191	54.029	ng	98
13) 1,4-Dichlorobenzene	6.87	146	652013	55.716	ng	97
14) 1,2-Dichlorobenzene	7.03	146	598732	57.868	ng	95
15) Benzyl Alcohol	7.00	79	579280	62.121	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	726170	64.212	ng	98
17) 2-Methylphenol	7.10	107	519226	63.345	ng	96
18) Hexachloroethane	7.37	117	258125	62.216	ng	90
19) n-Nitroso-di-n-propylamine	7.28	70	472478	65.139	ng	91
20) 3+4-Methylphenols	7.26	107	575977	55.840	ng	# 84
22) Acetophenone	7.27	105	847798	47.155	ng	# 93
24) Nitrobenzene	7.44	77	666554	55.004	ng	97
25) Isophorone	7.68	82	1321742	60.332	ng	100
26) 2-Nitrophenol	7.75	139	266562	49.490	ng	94
27) 2,4-Dimethylphenol	7.79	122	488010	57.179	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	780648	57.653	ng	98
29) 2,4-Dichlorophenol	7.99	162	470977	52.242	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	499114	48.101	ng	96
31) Naphthalene	8.16	128	1683393	52.110	ng	98
32) Benzoic acid	7.94	122	324631	47.170	ng	99
33) 4-Chloroaniline	8.20	127	780536	56.977	ng	99
34) Hexachlorobutadiene	8.28	225	270047	45.434	ng	98
35) Caprolactam	8.60	113	143874	50.373	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	544462	54.637	ng	100
37) 2-Methylnaphthalene	8.85	142	1121678	52.562	ng	96
38) 1-Methylnaphthalene	8.95	142	1058154	52.688	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	420317	39.143	ng	# 97

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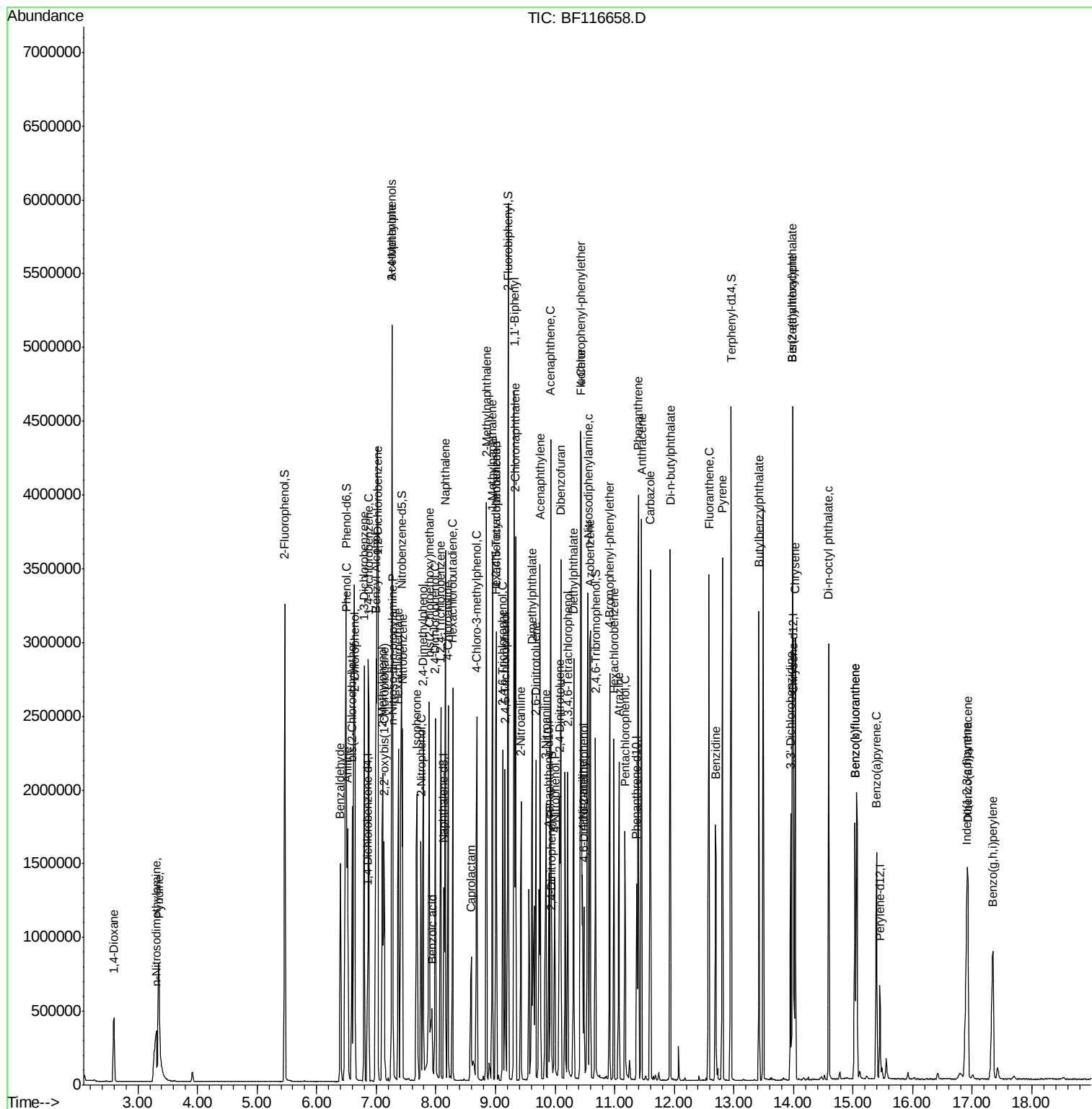
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	257476	40.910	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	302875	41.833	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	316489	43.029	nq	# 91
46) 1,1'-Biphenyl	9.32	154	1317951	43.001	nq	98
47) 2-Chloronaphthalene	9.34	162	1064141	44.948	nq	99
48) 2-Nitroaniline	9.43	65	355445	48.982	nq	92
49) Acenaphthylene	9.75	152	1607316	49.937	nq	98
50) Dimethylphthalate	9.62	163	1232602	45.722	nq	98
51) 2,6-Dinitrotoluene	9.67	165	256941	46.336	nq	94
52) Acenaphthene	9.93	154	994157	50.820	nq	99
53) 3-Nitroaniline	9.85	138	323951	53.614	nq	# 92
54) 2,4-Dinitrophenol	9.95	184	88457	38.261	nq	90
55) Dibenzofuran	10.10	168	1382266	46.651	nq	97
56) 4-Nitrophenol	10.00	139	228489	55.024	nq	87
57) 2,4-Dinitrotoluene	10.07	165	327901	47.842	nq	91
58) Fluorene	10.44	166	1044903	43.723	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	230509	40.570	nq	94
60) Diethylphthalate	10.32	149	1228544	48.166	nq	99
61) 4-Chlorophenyl-phenylether	10.43	204	451073	38.232	nq	90
62) 4-Nitroaniline	10.46	138	324965	49.478	nq	93
63) Azobenzene	10.59	77	1302865	51.384	nq	93
65) 4,6-Dinitro-2-methylphenol	10.49	198	119467	44.185	nq	81
66) n-Nitrosodiphenylamine	10.55	169	973958	58.494	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	286315	50.234	nq	95
68) Hexachlorobenzene	10.99	284	297383	47.375	nq	93
69) Atrazine	11.07	200	268950	53.090	nq	96
70) Pentachlorophenol	11.17	266	158041	43.021	nq	98
71) Phenanthrene	11.40	178	1511832	53.718	nq	99
72) Anthracene	11.45	178	1543280	53.699	nq	99
73) Carbazole	11.60	167	1483344	58.290	nq	99
74) Di-n-butylphthalate	11.93	149	1842575	55.094	nq	99
75) Fluoranthene	12.58	202	1496916	52.139	nq	96
77) Benzidine	12.69	184	663482	68.342	nq	97
78) Pyrene	12.81	202	1499361	53.964	nq	98
80) Butylbenzylphthalate	13.42	149	734218	65.407	nq	95
81) Benzo(a)anthracene	13.99	228	1014054	52.469	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	342249	53.817	nq	95
83) Chrysene	14.03	228	1038557	55.144	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	878180	61.105	nq	98
85) Di-n-octyl phthalate	14.59	149	1435882	66.210	nq	97
86) Indeno(1,2,3-cd)pyrene	16.90	276	920281	56.391	nq	# 92
88) Benzo(b)fluoranthene	15.03	252	862678	51.641	nq	# 98
89) Benzo(k)fluoranthene	15.03	252	862678	53.775	nq	98
90) Benzo(a)pyrene	15.40	252	787290	53.930	nq	97
91) Dibenzo(a,h)anthracene	16.93	278	727058	47.483	nq	# 96
92) Benzo(g,h,i)perylene	17.34	276	776538	52.944	nq	# 92

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

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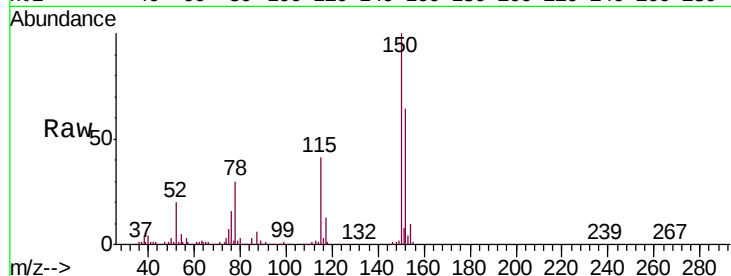


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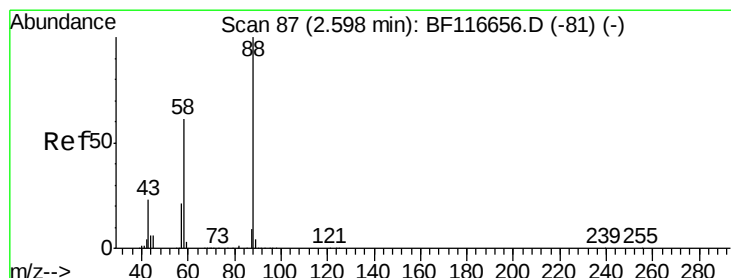
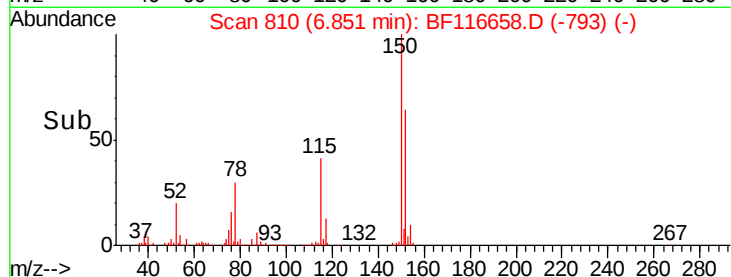
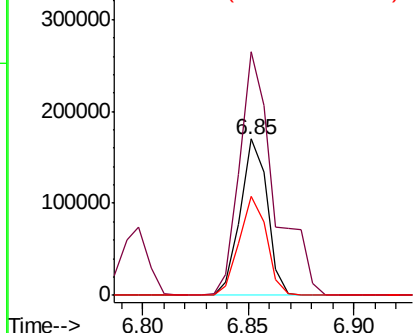
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.4	186.6
115	63.7	49.9	74.9



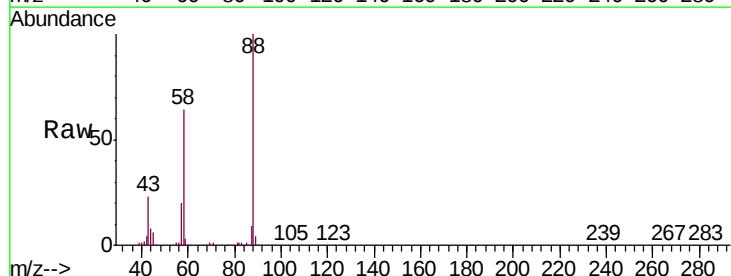
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



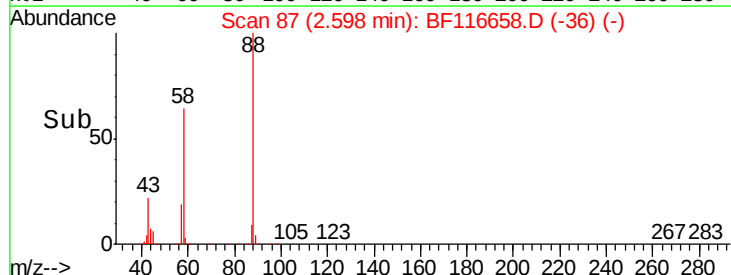
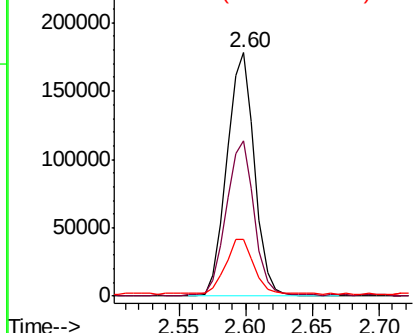
#2

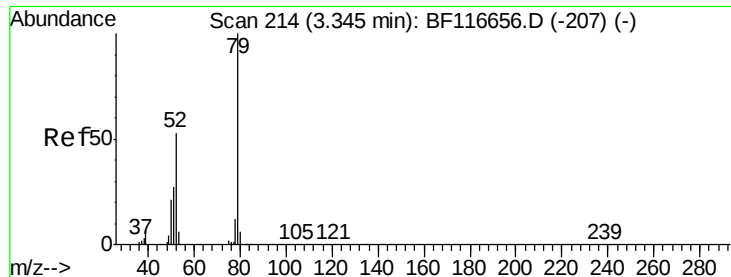
1,4-Dioxane
Concen: 43.186 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.00 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.5	51.7	77.5
43	22.6	19.8	29.8



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: 43.877 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

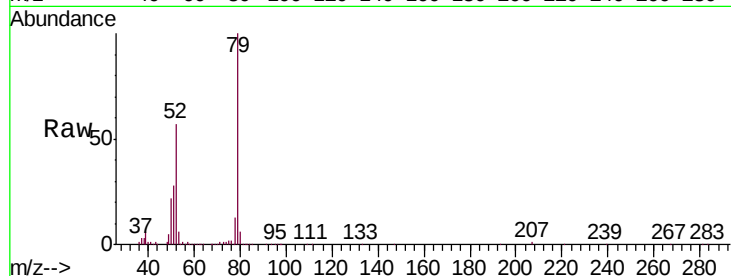
Tot Ion: 79 Resp: 731162

Ion Ratio Lower Upper

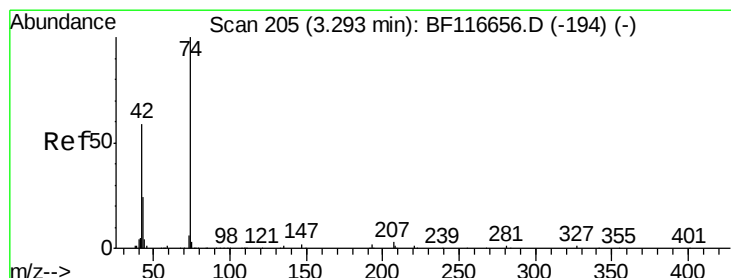
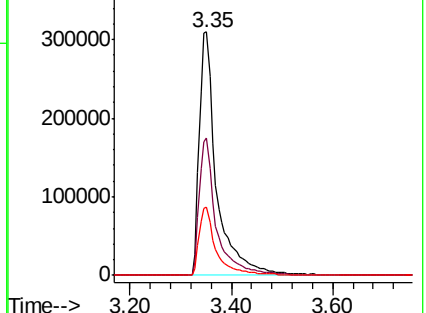
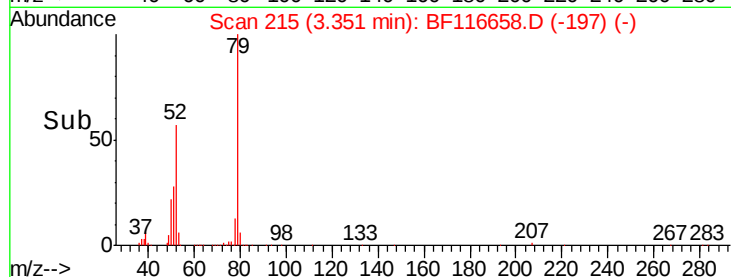
79 100

52 56.6 47.4 71.0

51 27.9 24.1 36.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.504 ng

RT: 3.31 min Scan# 208

Delta R.T. 0.02 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

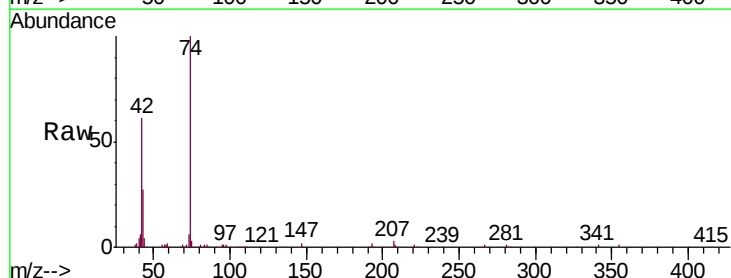
Tgt Ion: 42 Resp: 257625

Ion Ratio Lower Upper

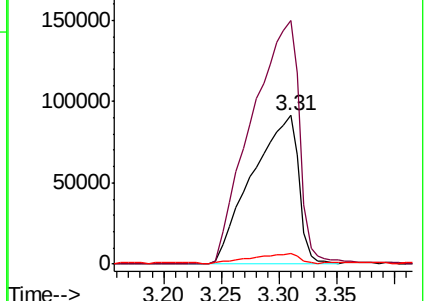
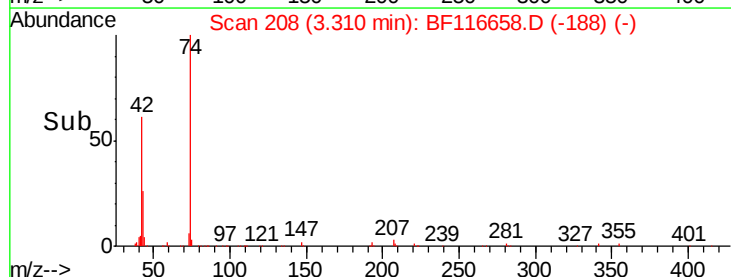
42 100

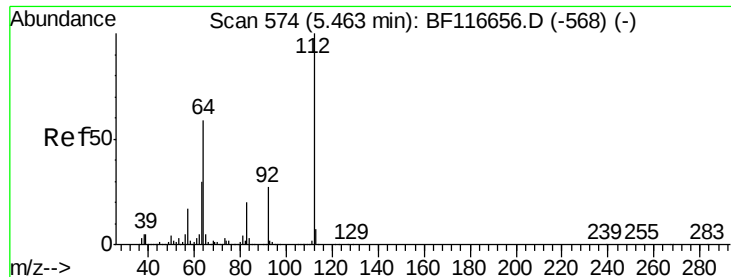
74 164.0 115.6 173.4

44 6.9 4.6 7.0



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 87.727 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

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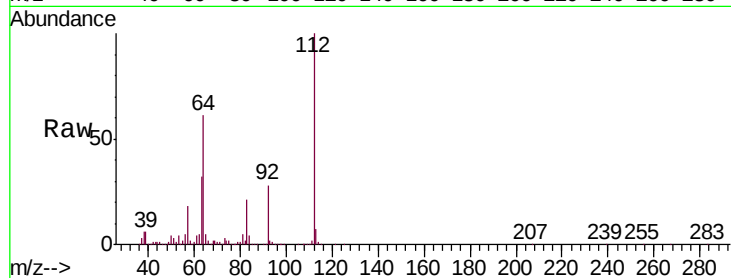
Tot Ion:112 Resp: 1054668

Ion Ratio Lower Upper

112 100

64 61.2 47.1 70.7

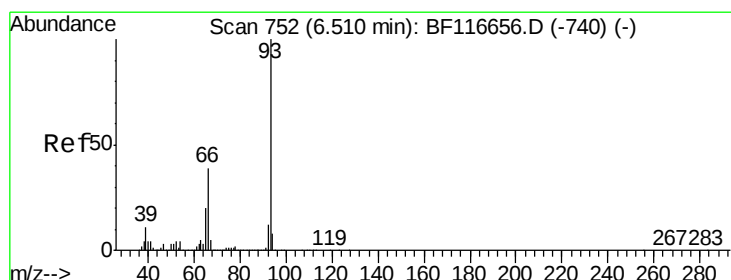
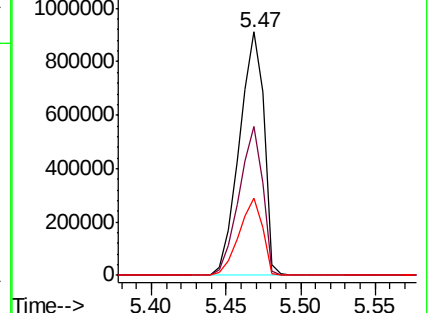
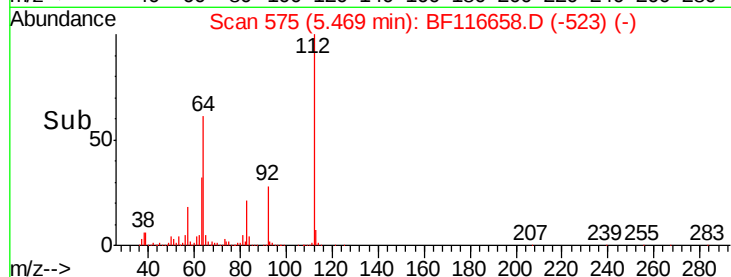
63 31.9 24.9 37.3



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: 52.725 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF116658.D

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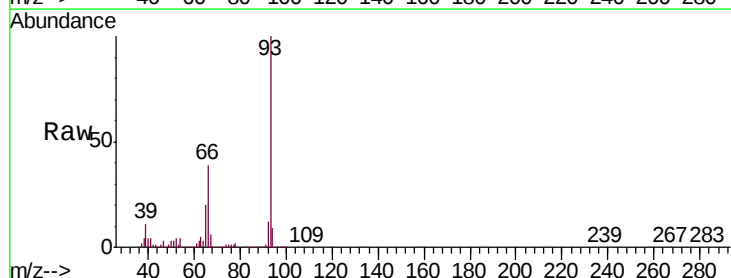
Tgt Ion: 93 Resp: 990488

Ion Ratio Lower Upper

93 100

66 38.9 32.7 49.1

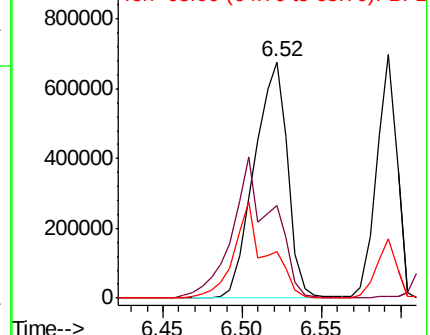
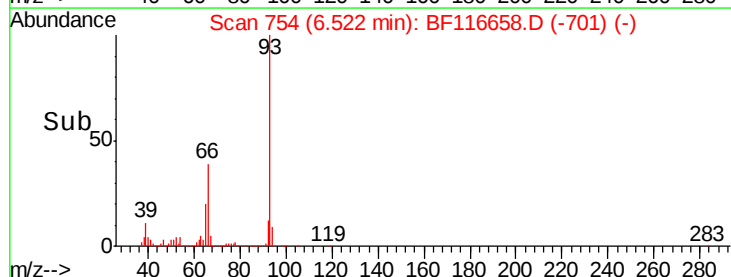
65 19.7 16.3 24.5



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: 101.619 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF116658.D

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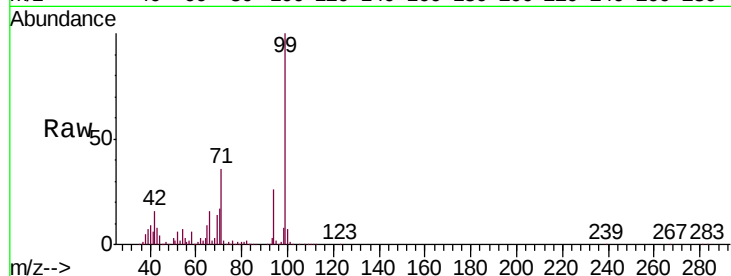
Tot Ion: 99 Resp: 1412603

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.7	20.5
71	35.9	30.8	46.2

99 100

42 16.4 13.7 20.5

71 35.9 30.8 46.2

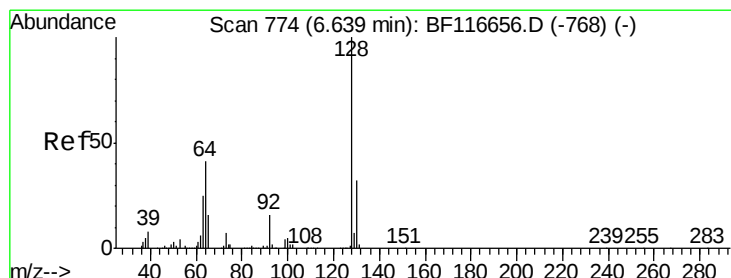
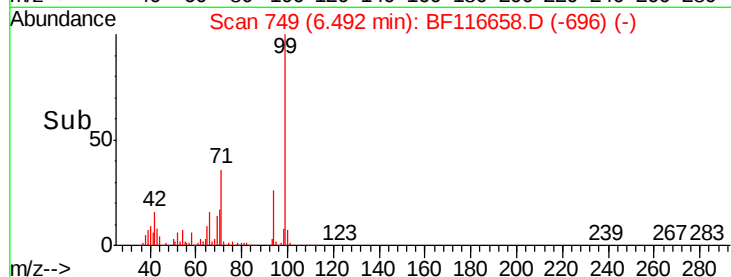
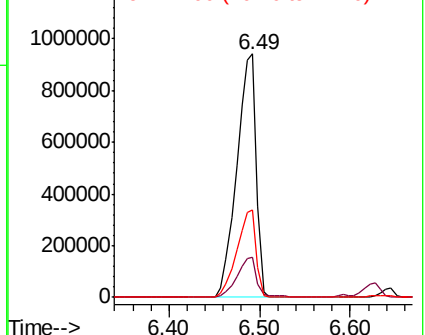


Abundance

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: 49.328 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF116658.D

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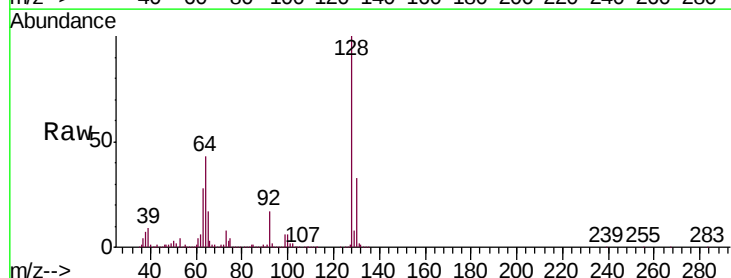
Tgt Ion: 128 Resp: 578710

Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.3	52.3
64	43.0	22.5	62.5

128 100

130 33.4 12.3 52.3

64 43.0 22.5 62.5

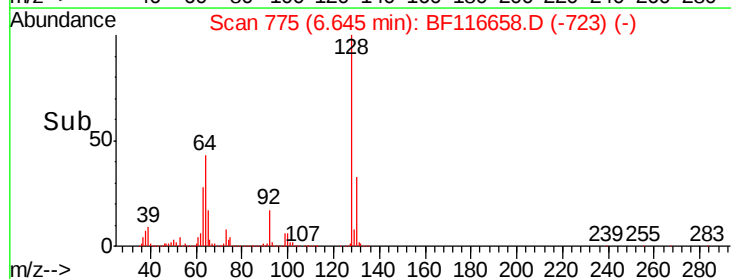
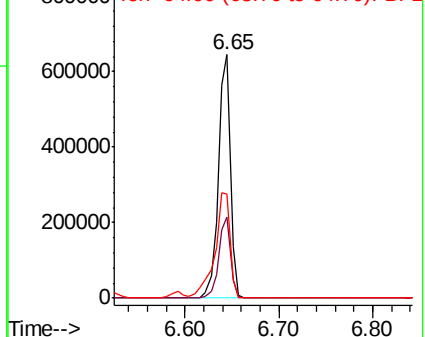


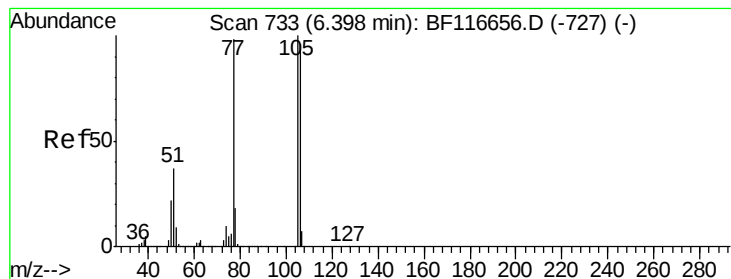
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.051 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

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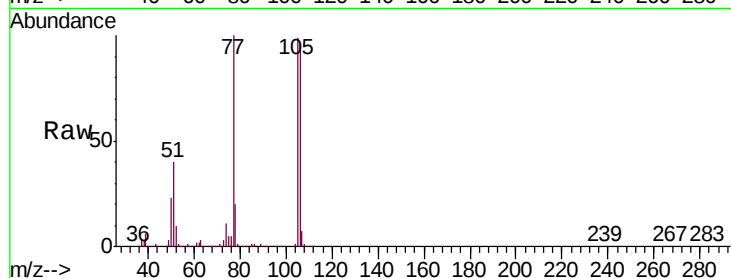
Tot Ion: 77 Resp: 387988

Ion Ratio Lower Upper

77 100

105 98.5 76.7 116.7

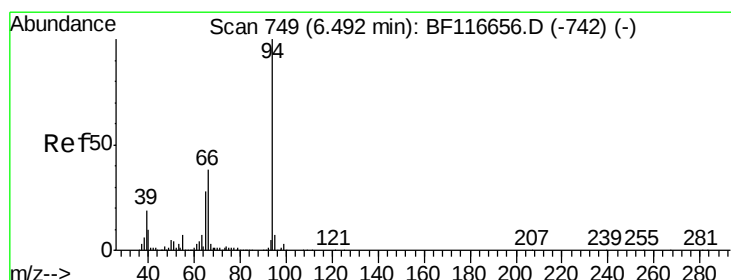
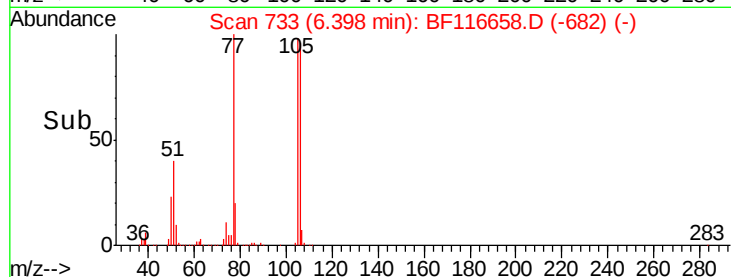
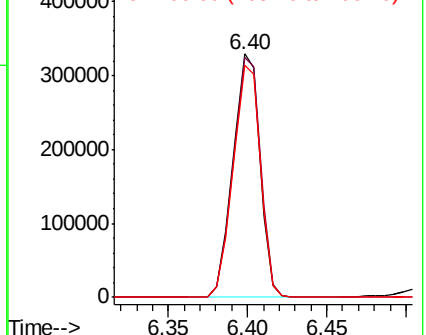
106 95.5 73.1 113.1



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 49.757 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

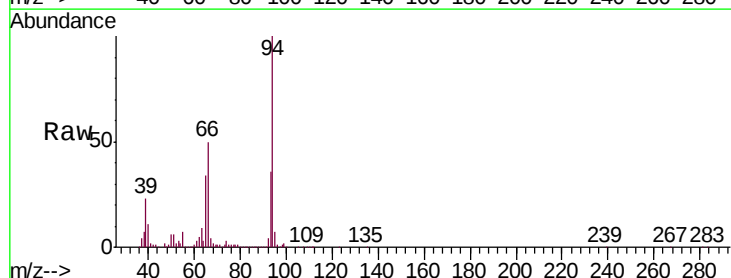
Tgt Ion: 94 Resp: 767360

Ion Ratio Lower Upper

94 100

65 34.3 10.8 50.8

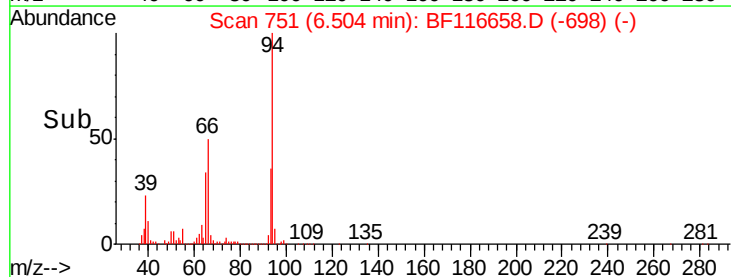
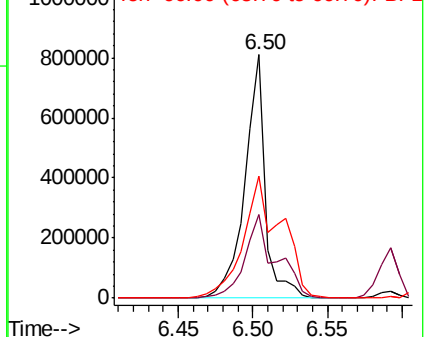
66 50.1 21.1 61.1



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

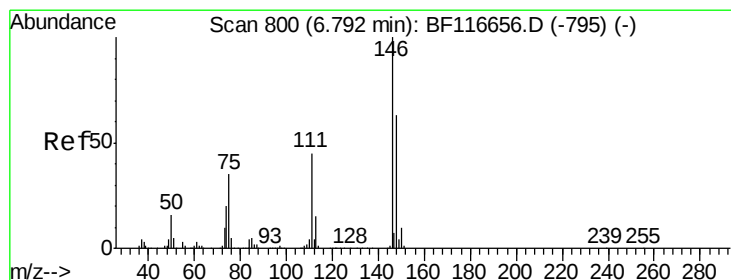
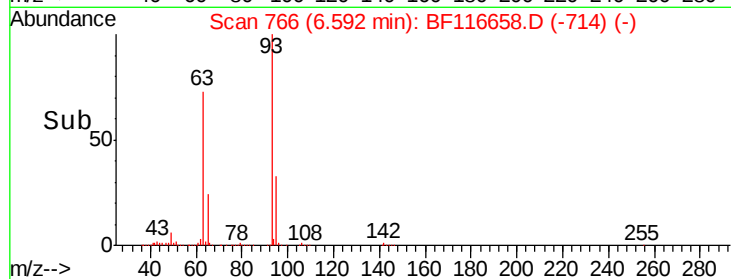
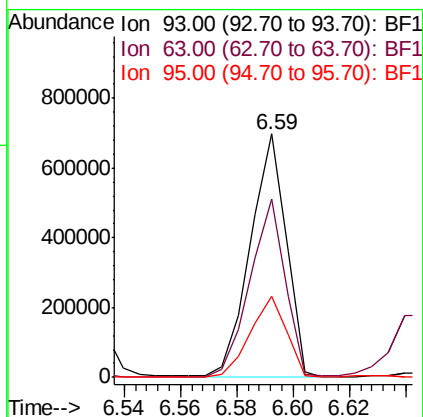
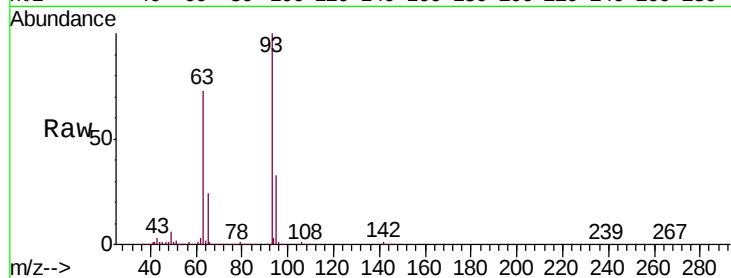




#11
bis(2-Chloroethyl)ether
Concen: 52.898 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

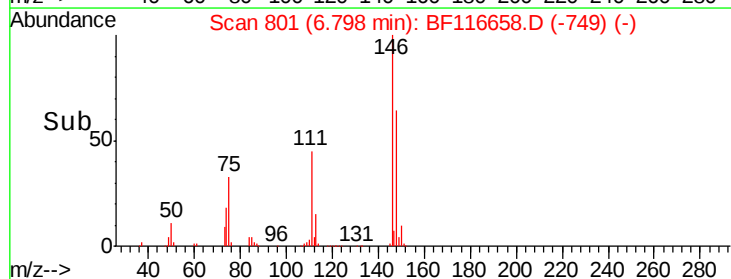
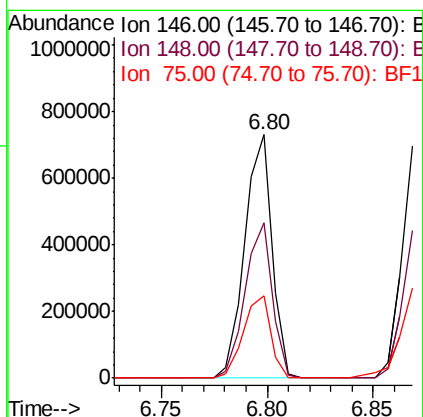
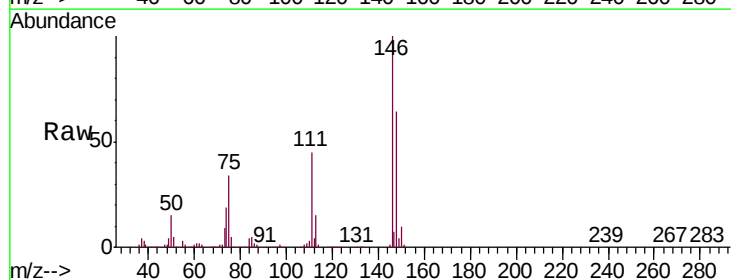
Instrument :
BNA_F
ClientSampleId :

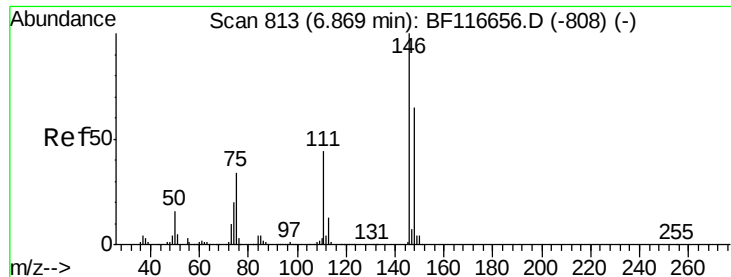
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	49.9	89.9
95	33.5	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 54.029 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
75	33.7	29.6	44.4

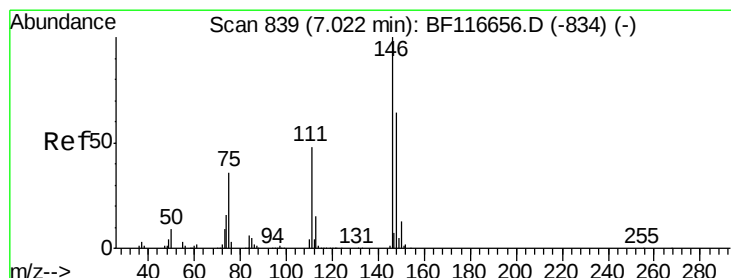
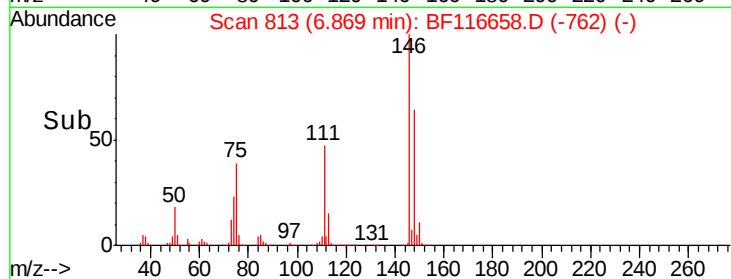
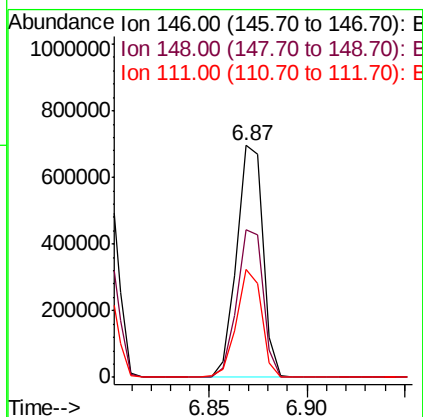
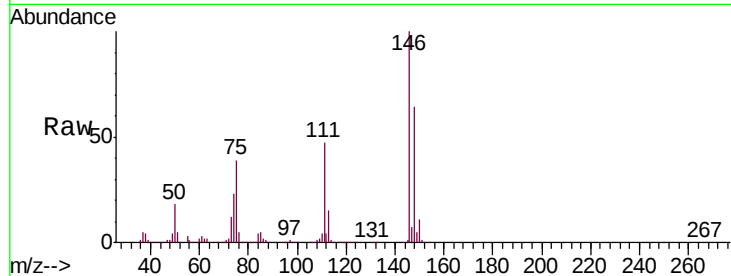




#13
 1,4-Dichlorobenzene
 Concen: 55.716 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

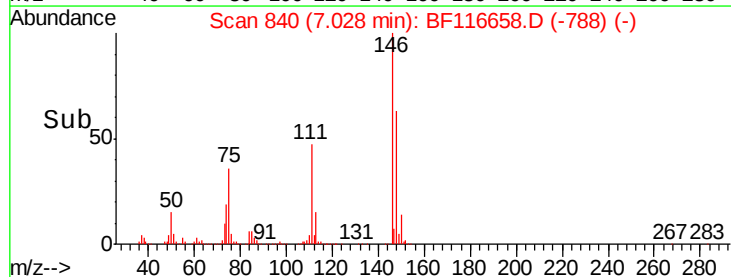
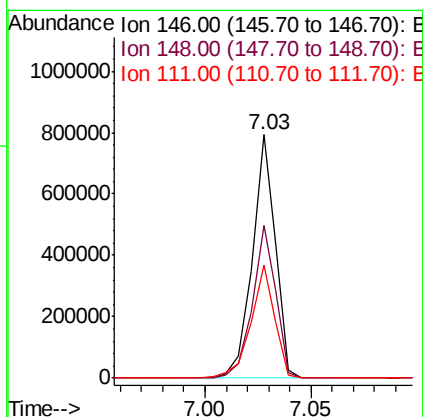
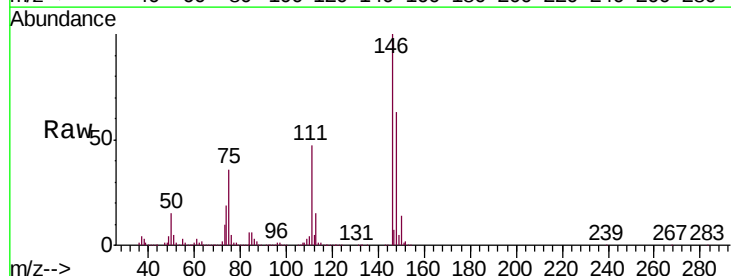
Instrument :
 BNA_F
 ClientSampled :

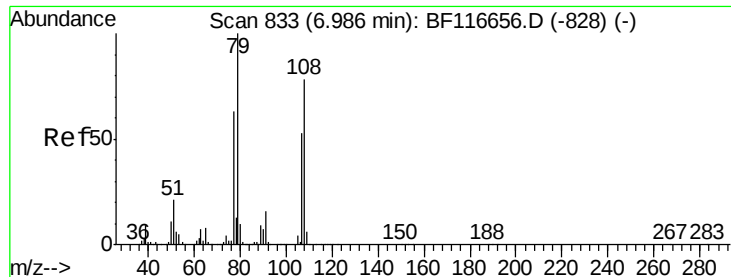
Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
111	46.7	34.8	52.2



#14
 1,2-Dichlorobenzene
 Concen: 57.868 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.6	78.8
111	46.6	34.2	51.4





#15

Benzyl Alcohol

Concen: 62.121 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

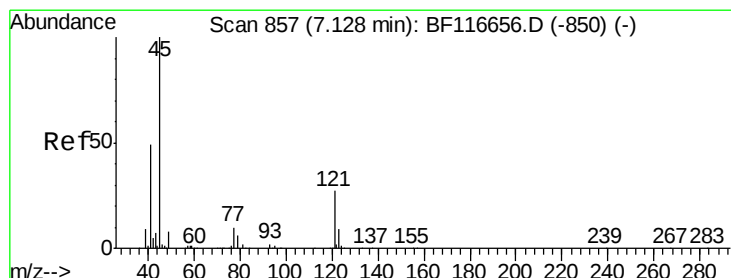
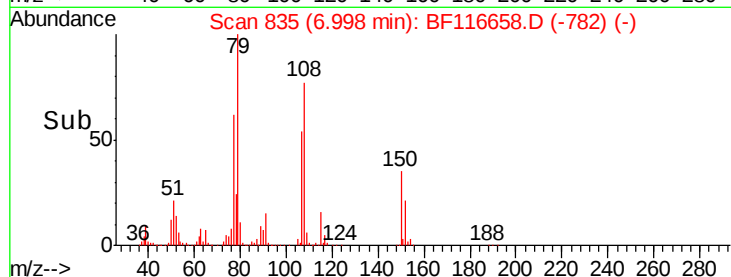
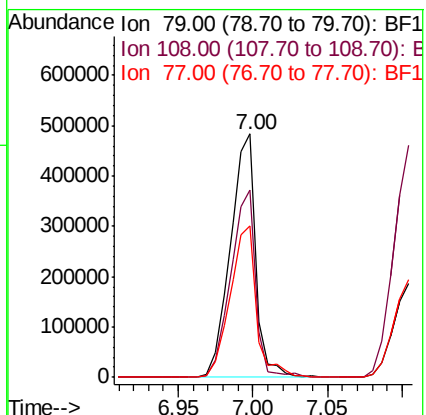
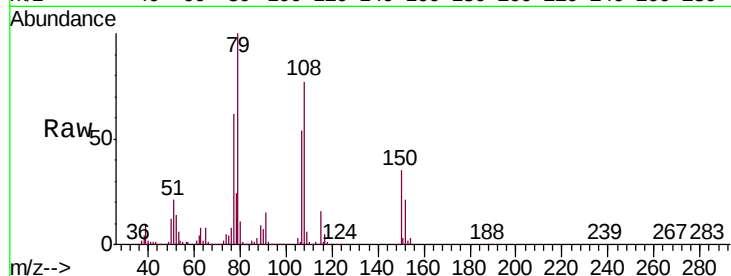
Tot Ion: 79 Resp: 579280

Ion Ratio Lower Upper

79 100

108 77.1 59.2 88.8

77 62.3 53.0 79.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 64.212 ng

RT: 7.13 min Scan# 858

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

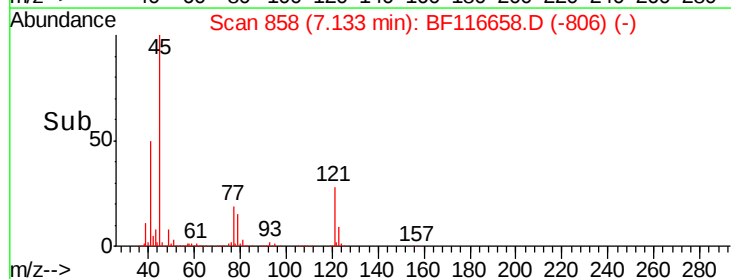
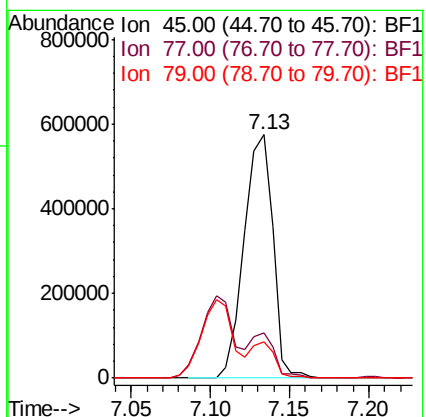
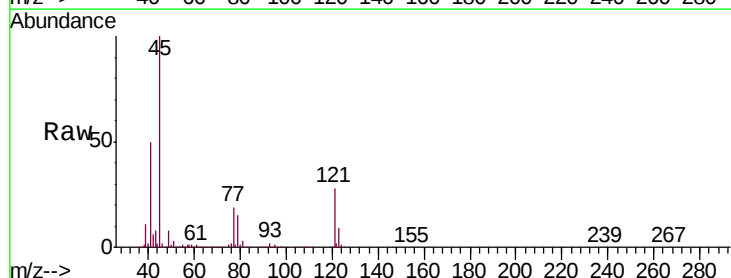
Tgt Ion: 45 Resp: 726170

Ion Ratio Lower Upper

45 100

77 18.7 0.0 38.2

79 14.9 0.0 33.9





#17

2-Methylphenol

Concen: 63.345 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 519226

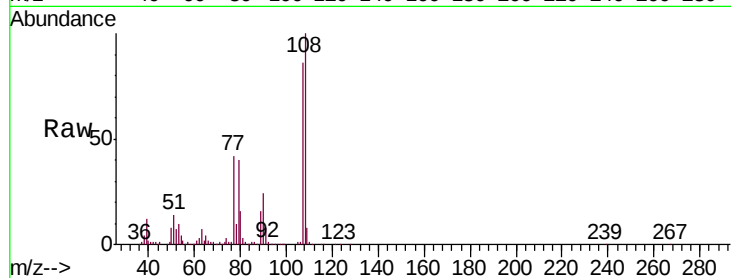
Ion Ratio Lower Upper

107 100

108 115.6 88.3 132.5

77 48.9 39.9 59.9

79 46.7 39.8 59.8

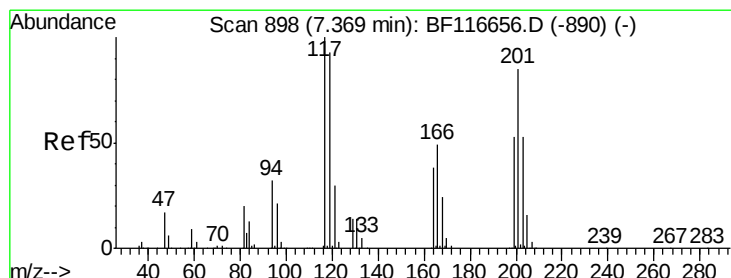
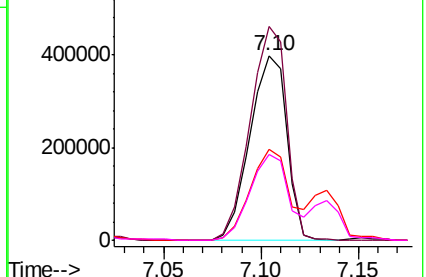
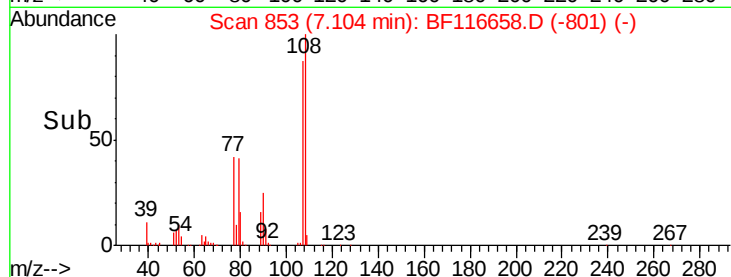


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 62.216 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

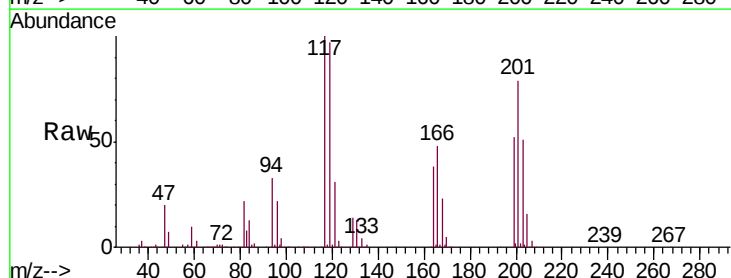
Tgt Ion:117 Resp: 258125

Ion Ratio Lower Upper

117 100

119 96.5 76.9 115.3

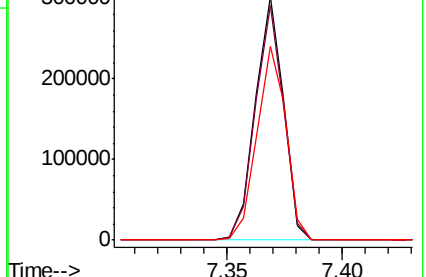
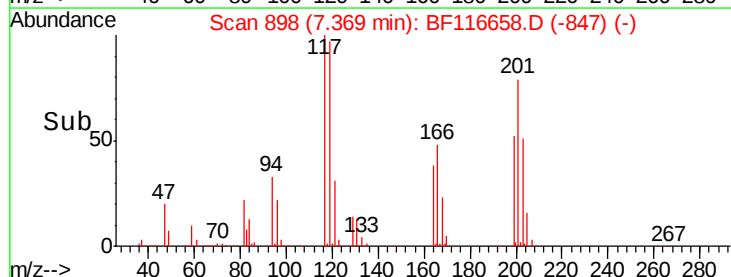
201 79.4 79.4 119.0

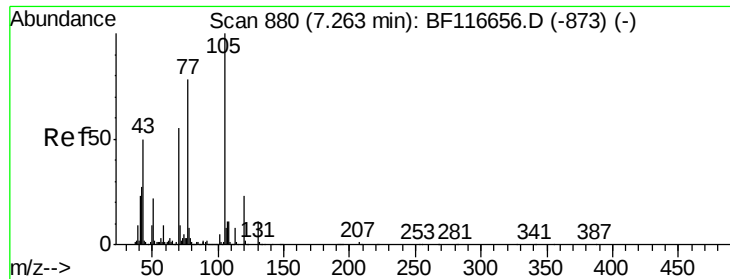


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

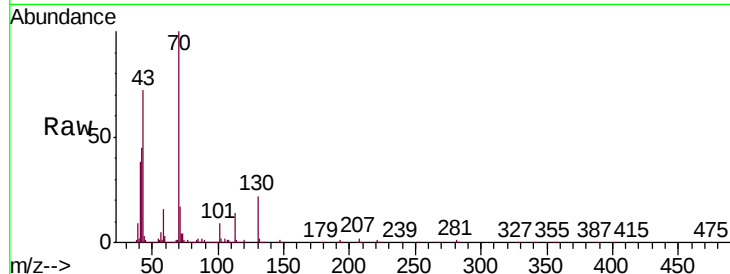




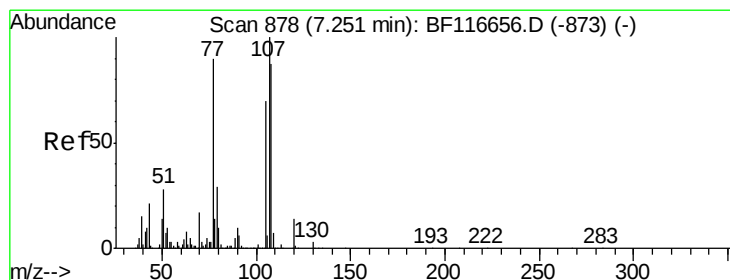
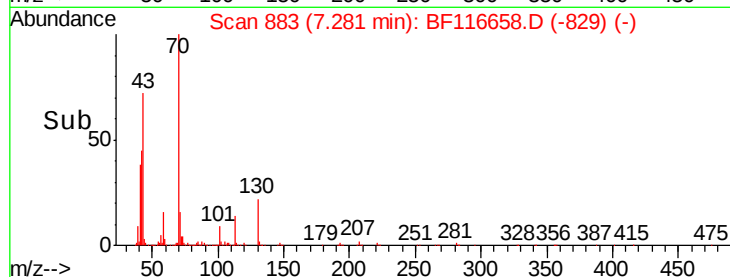
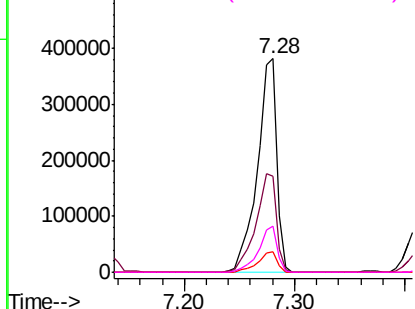
#19
n-Nitroso-di-n-propylamine
Concen: 65.139 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.02 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	472478
Ion	Ratio	Lower	Upper
70	100		
42	44.9	43.5	65.3
101	9.5	7.8	11.6
130	21.7	16.6	24.8

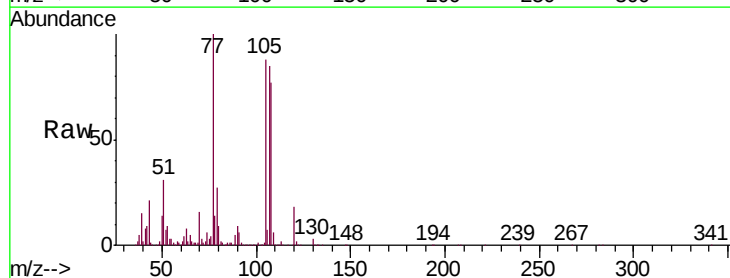


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

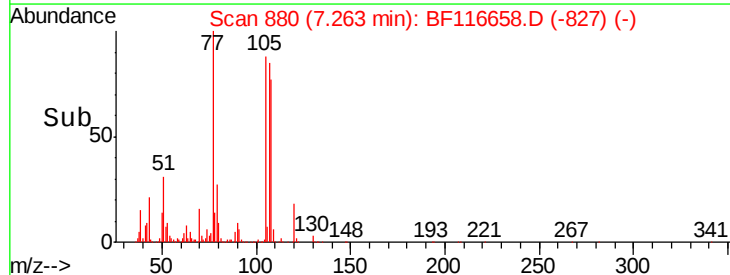
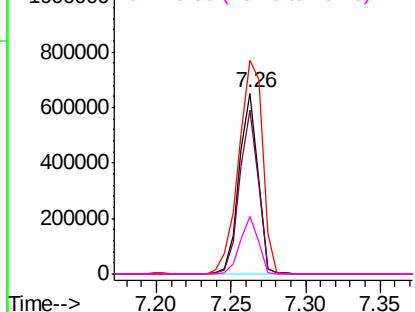


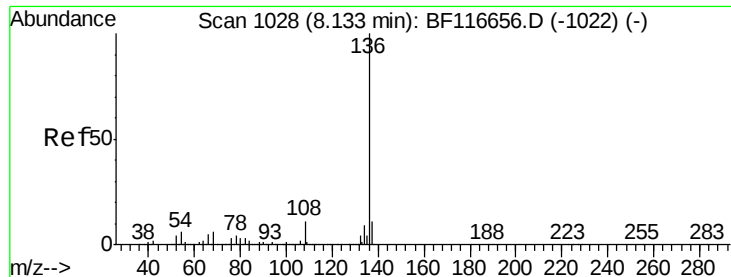
#20
3+4-Methylphenols
Concen: 55.840 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:	107	Resp:	575977
Ion	Ratio	Lower	Upper
107	100		
108	90.7	65.5	105.5
77	118.1	69.4	109.4#
79	32.1	9.5	49.5



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116658.D

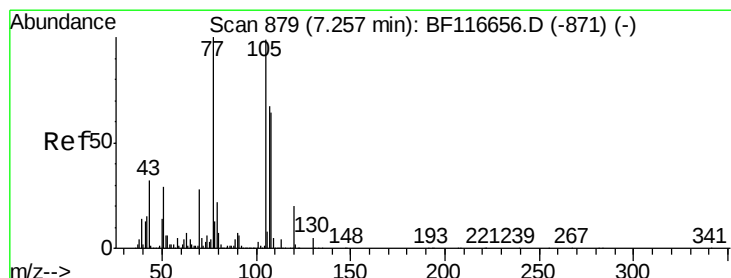
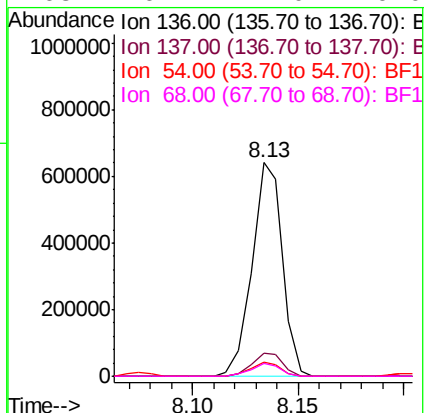
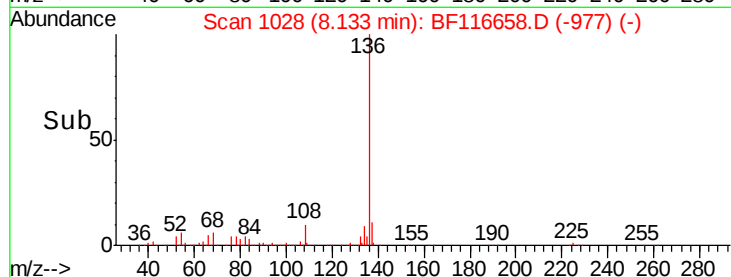
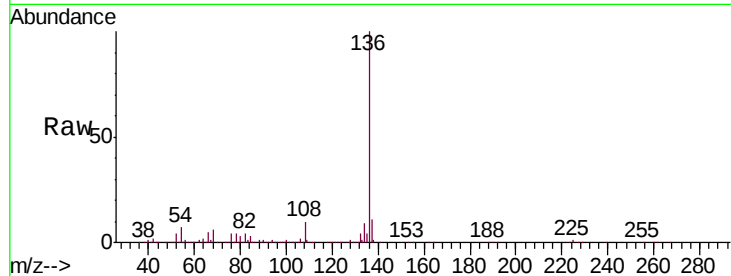
Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	637134
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	6.6	4.8 7.2
68	6.1	4.0 6.0#



#22

Acetophenone

Concen: 47.155 ng

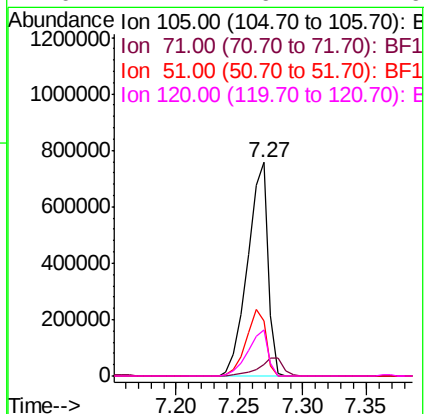
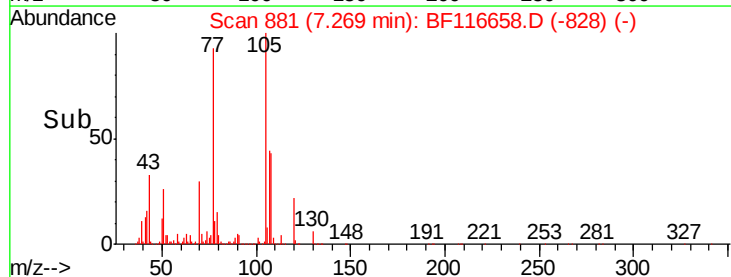
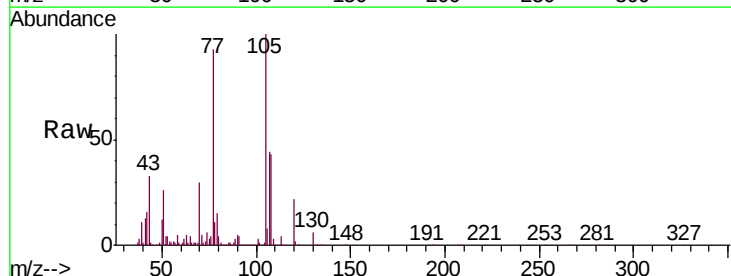
RT: 7.27 min Scan# 881

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Tgt Ion:105	Resp:	847798
Ion	Ratio	Lower Upper
105	100	
71	5.4	4.2 6.4
51	25.7	25.8 38.8#
120	21.7	16.4 24.6





#23

Nitrobenzene-d5

Concen: 109.702 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

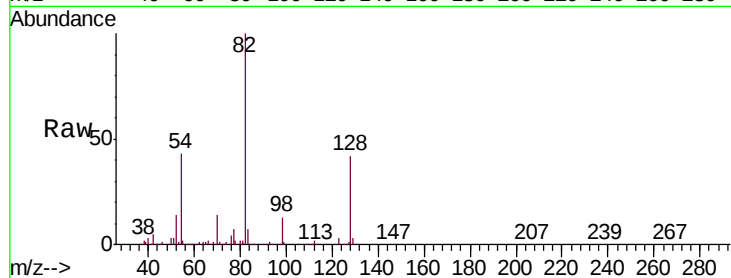
Tot Ion: 82 Resp: 1328154

Ion Ratio Lower Upper

82 100

128 41.7 32.8 49.2

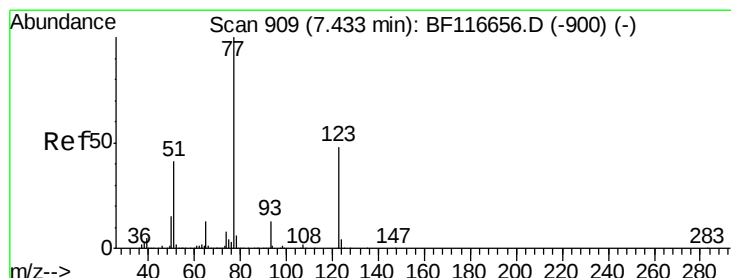
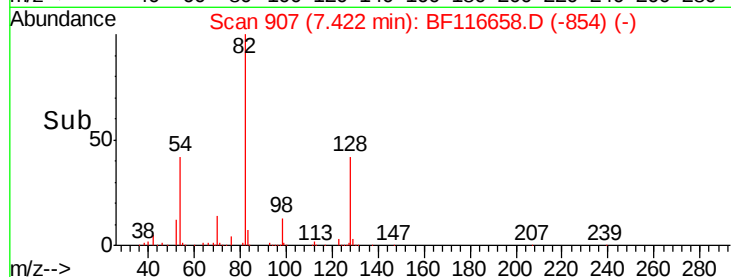
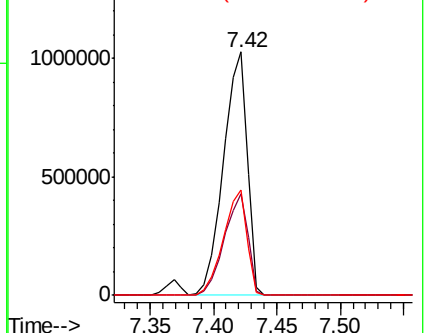
54 43.0 36.9 55.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 55.004 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

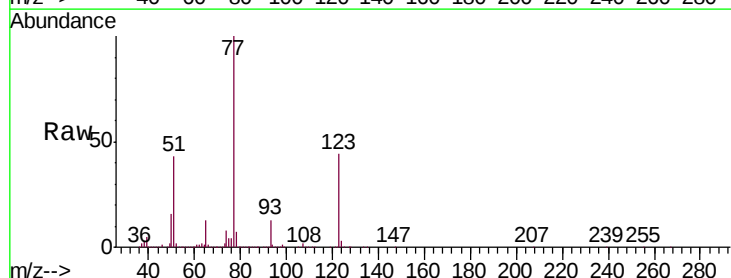
Tgt Ion: 77 Resp: 666554

Ion Ratio Lower Upper

77 100

123 44.0 33.1 49.7

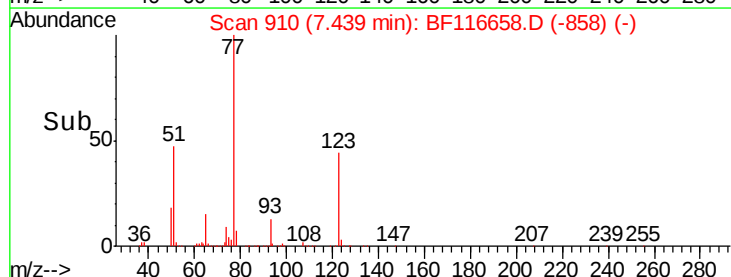
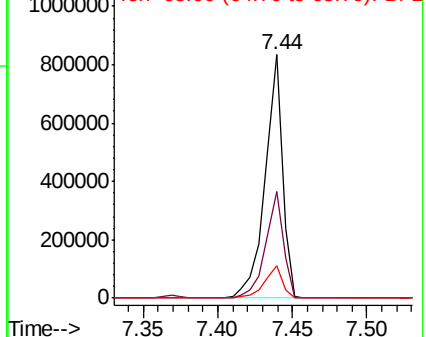
65 13.2 10.6 15.8

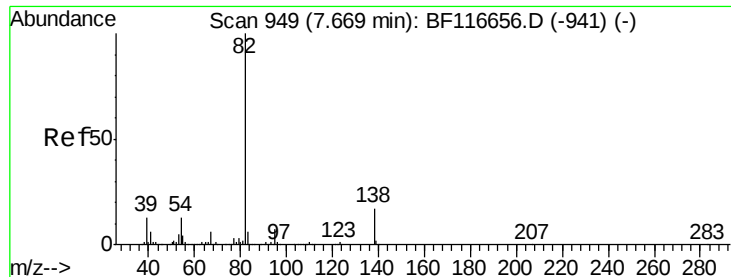


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 60.332 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

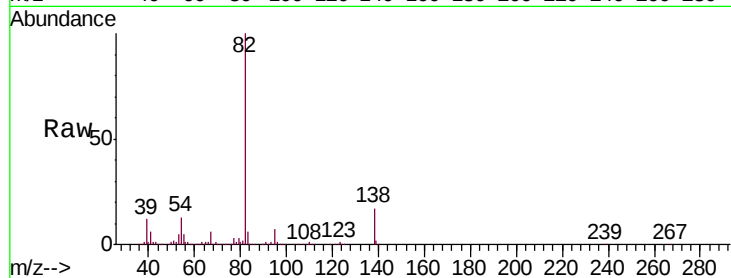
Tot Ion: 82 Resp: 1321742

Ion Ratio Lower Upper

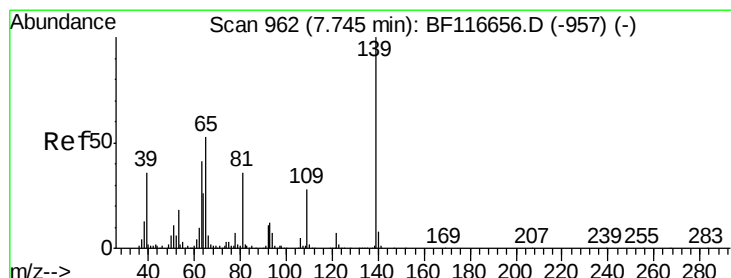
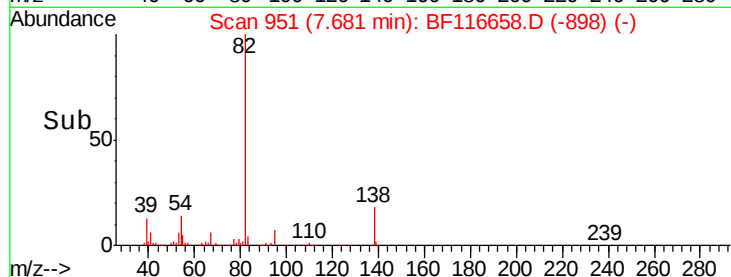
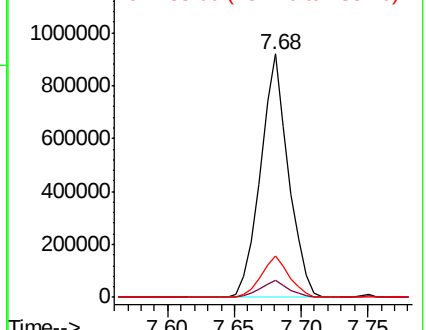
82 100

95 7.1 5.8 8.6

138 17.0 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 49.490 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

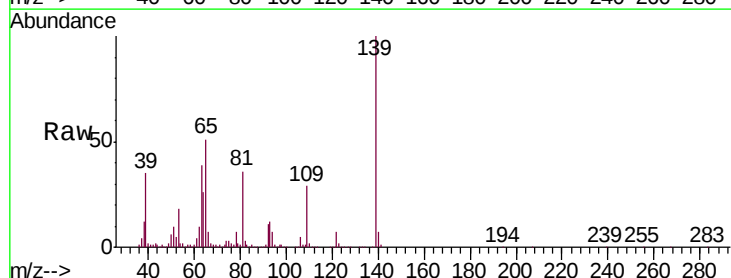
Tgt Ion: 139 Resp: 266562

Ion Ratio Lower Upper

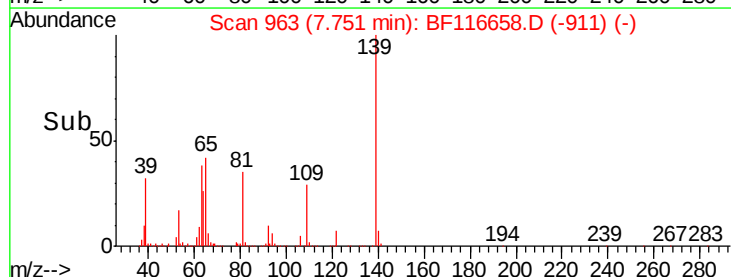
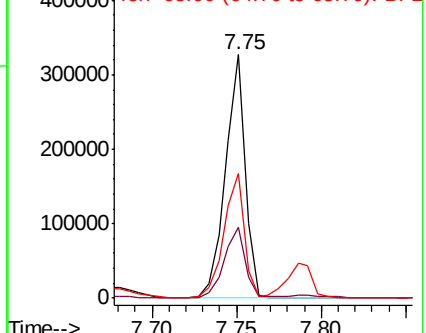
139 100

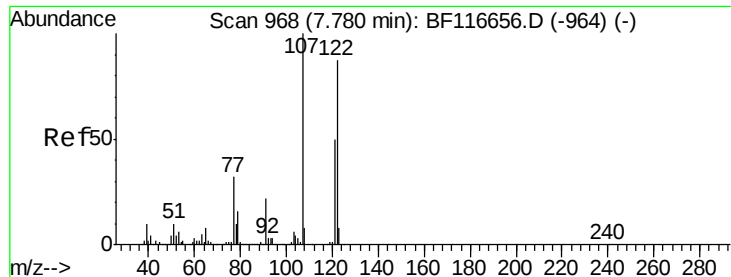
109 29.2 27.1 40.7

65 51.1 43.0 64.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 57.179 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

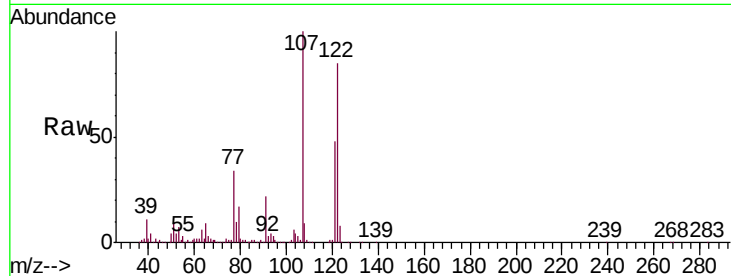
Tot Ion:122 Resp: 488010

Ion Ratio Lower Upper

122 100

107 118.3 98.1 147.1

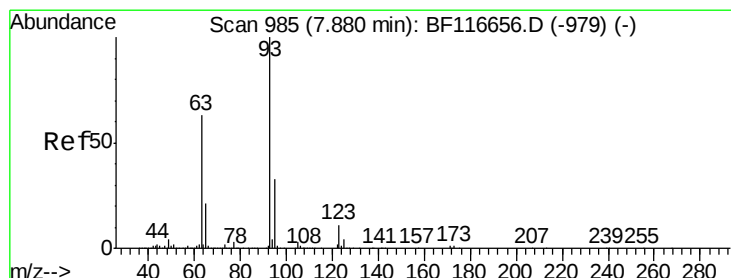
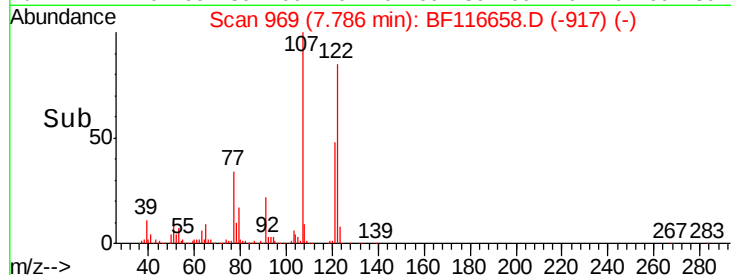
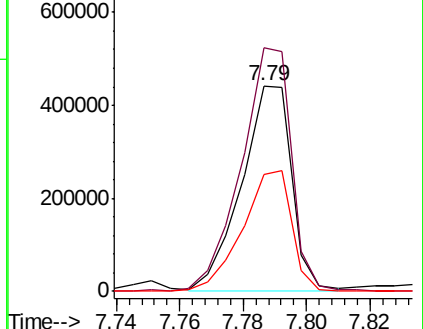
121 57.0 47.3 70.9



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: 57.653 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

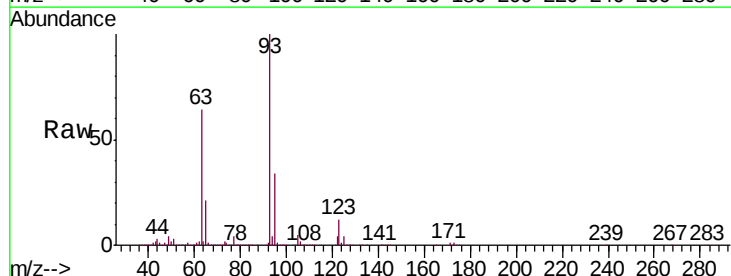
Tgt Ion: 93 Resp: 780648

Ion Ratio Lower Upper

93 100

95 33.8 26.4 39.6

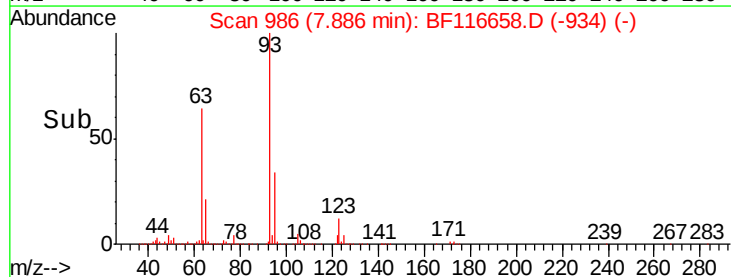
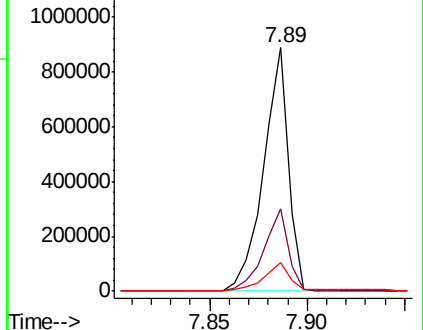
123 11.6 9.8 14.8

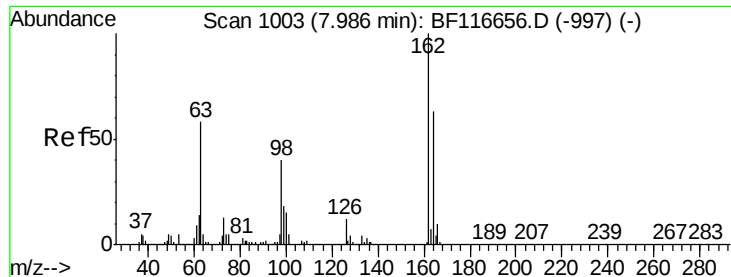


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

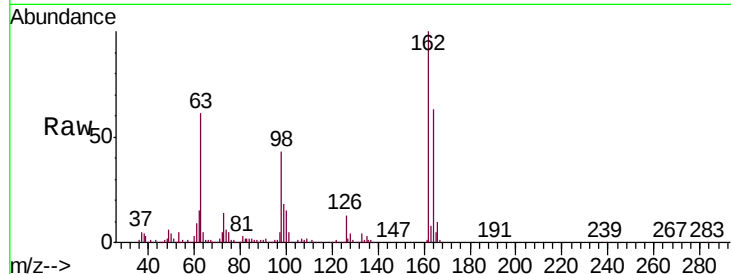




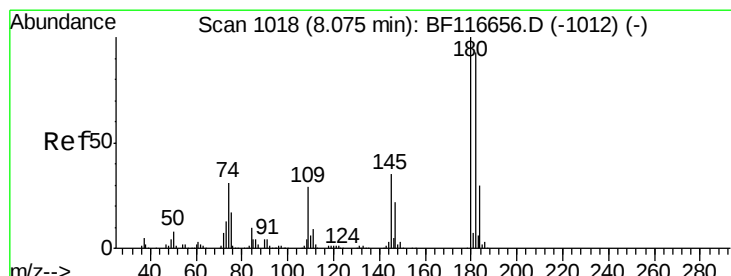
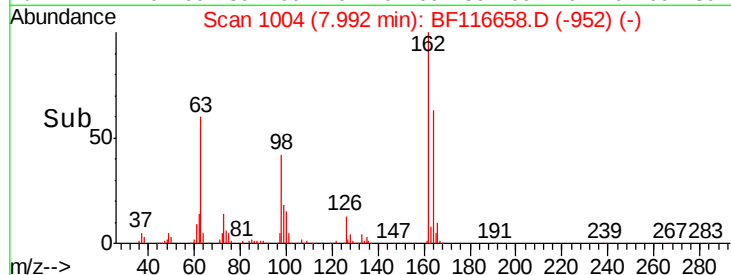
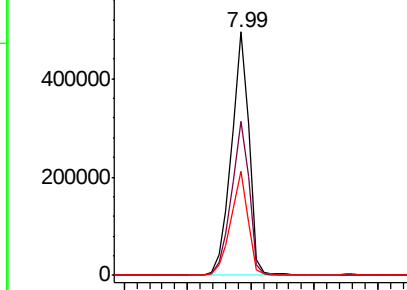
#29
 2,4-Dichlorophenol
 Concen: 52.242 ng
 RT: 7.99 min Scan# 1004
 Delta R.T. 0.01 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.4	83.4
98	42.5	18.1	58.1

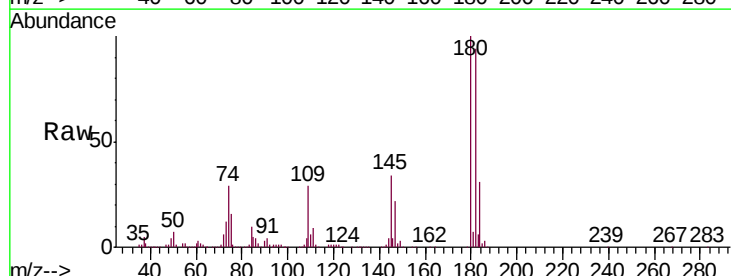


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

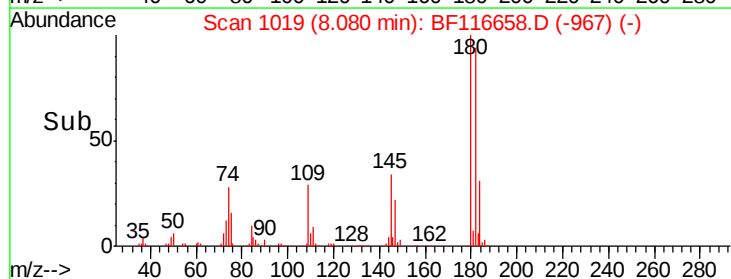
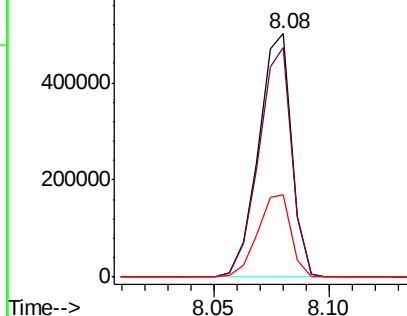


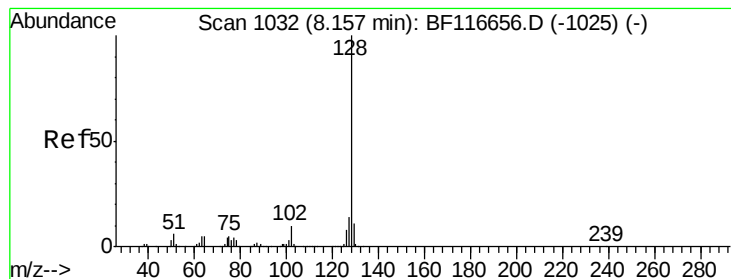
#30
 1,2,4-Trichlorobenzene
 Concen: 48.101 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	78.6	118.0
145	33.8	25.7	38.5



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: 52.110 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampled :

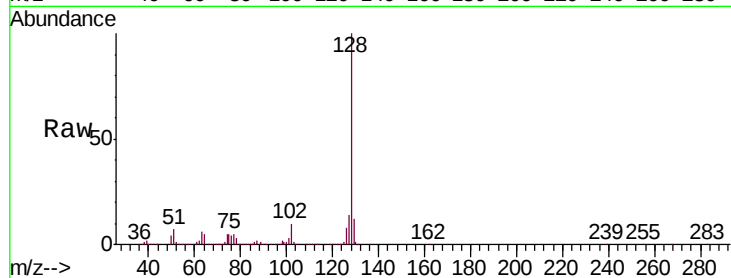
Tot Ion:128 Resp: 1683393

Ion Ratio Lower Upper

128 100

129 11.9 8.6 13.0

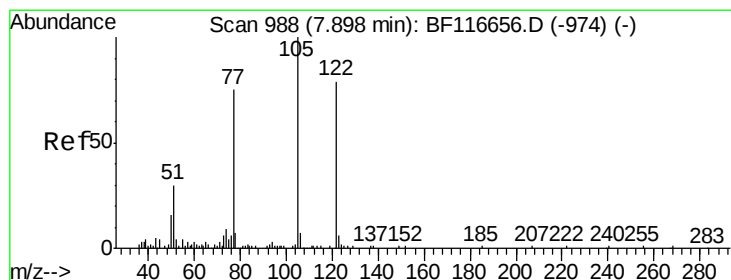
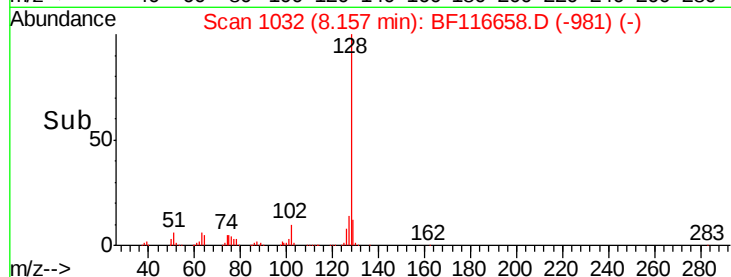
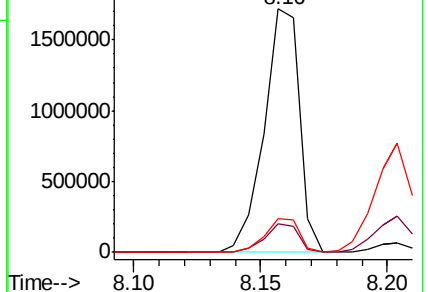
127 13.9 10.4 15.6



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: 47.170 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.04 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

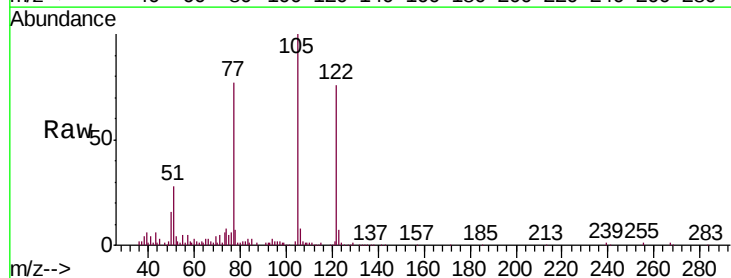
Tgt Ion:122 Resp: 324631

Ion Ratio Lower Upper

122 100

105 131.3 110.0 150.0

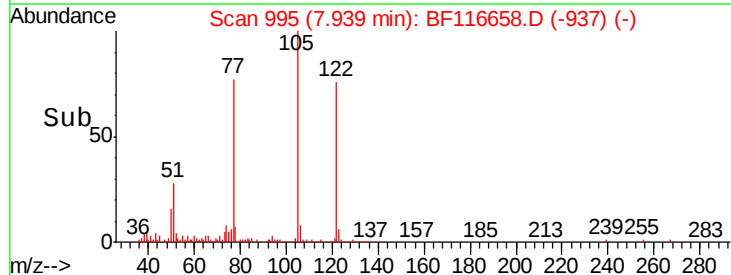
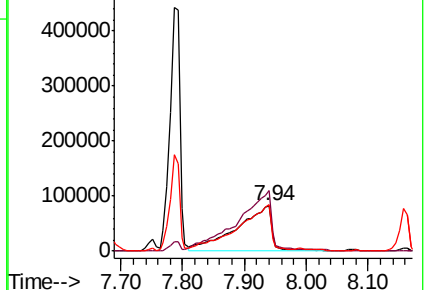
77 100.6 81.7 121.7

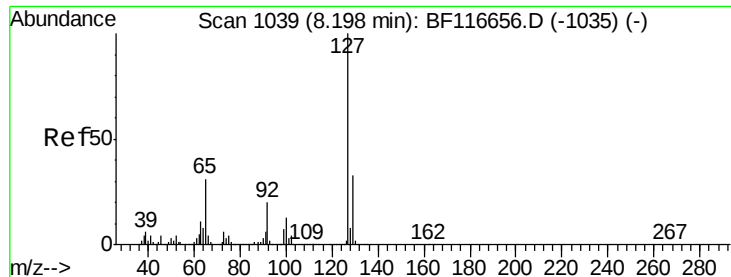


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

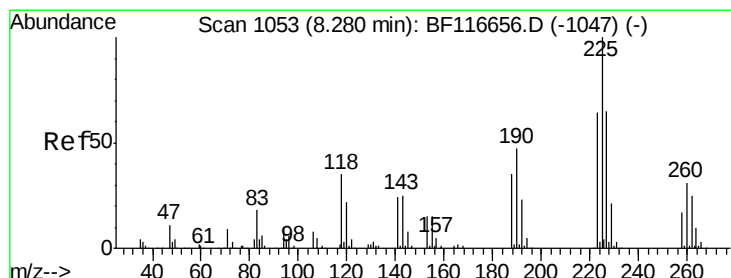
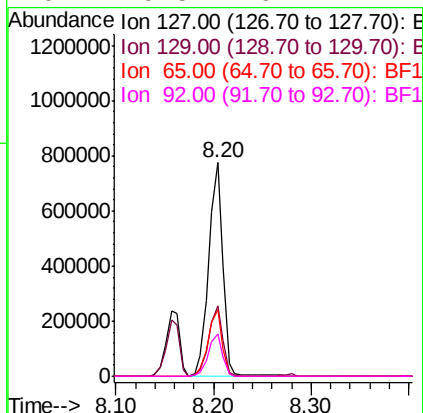
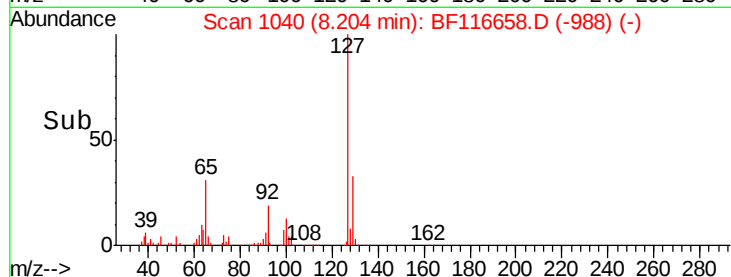
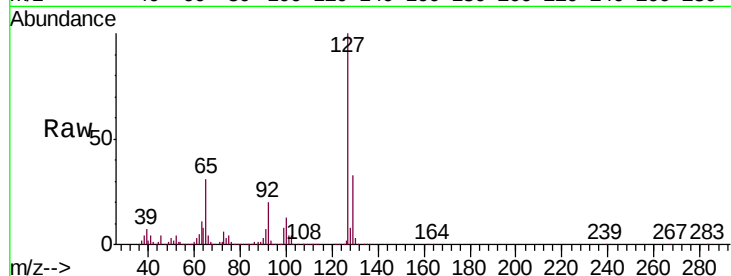




#33
4-Chloroaniline
Concen: 56.977 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

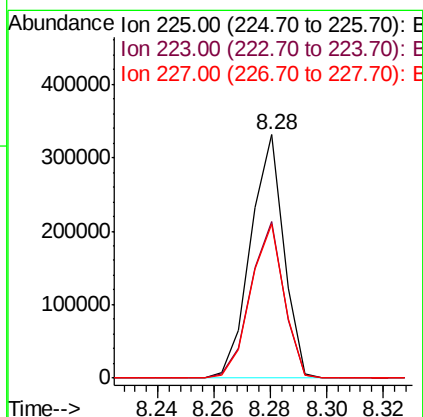
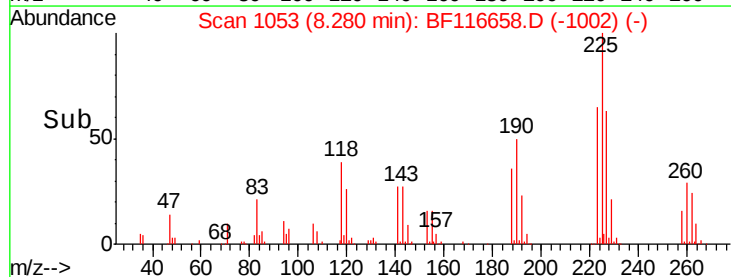
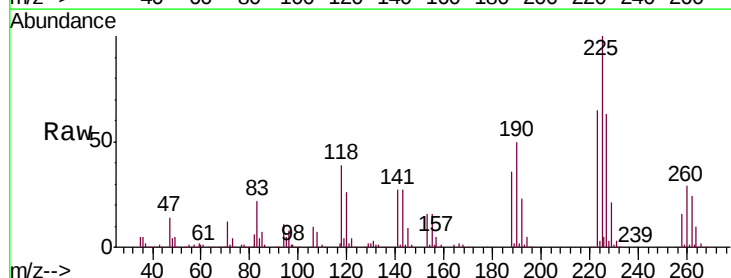
Instrument :
BNA_F
ClientSampled :

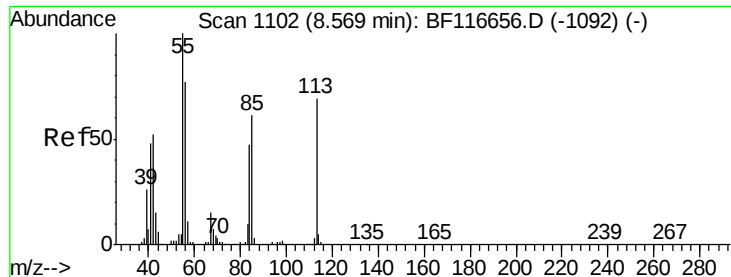
Tot Ion:	127	Resp:	780536
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	31.2	26.0	39.0
92	19.5	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.434 ng
RT: 8.28 min Scan# 1053
Delta R.T. 0.00 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:	225	Resp:	270047
Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.4	74.2
227	63.5	51.0	76.4

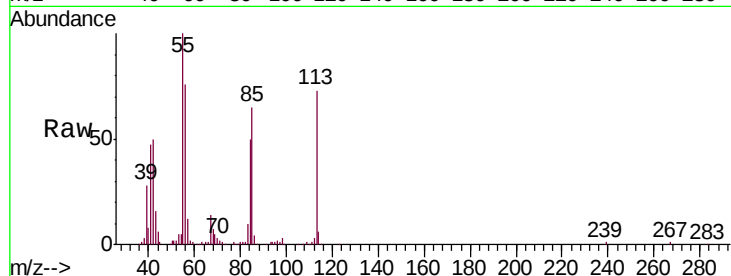




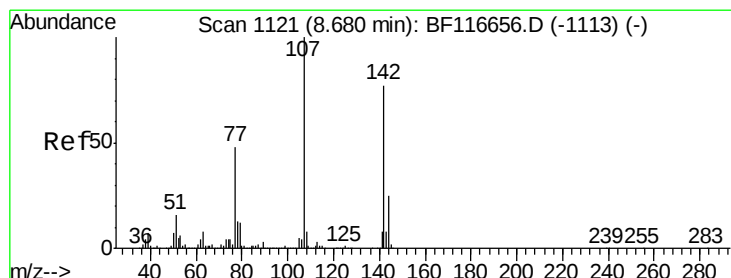
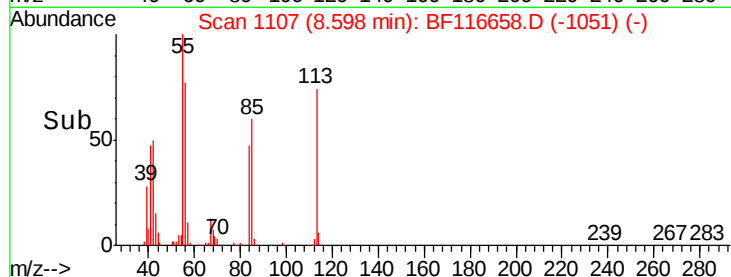
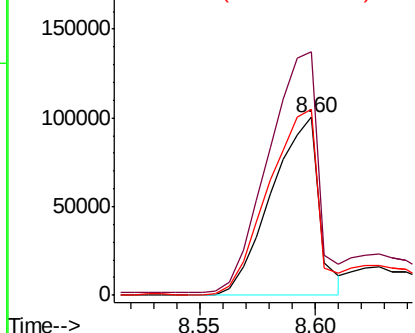
#35
 Caprolactam
 Concen: 50.373 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. 0.03 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 143874
 Ion Ratio Lower Upper
 113 100
 55 136.9 124.3 164.3
 56 104.5 94.6 134.6

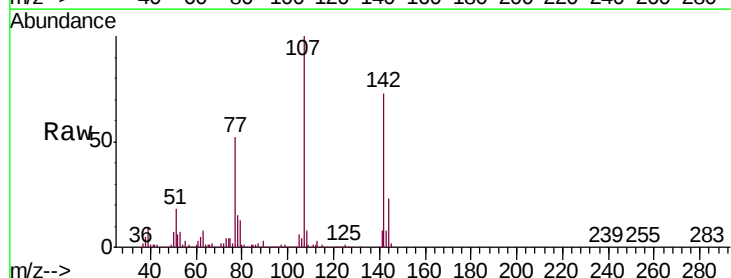


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

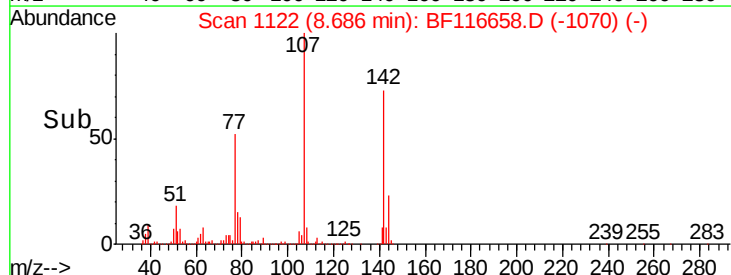
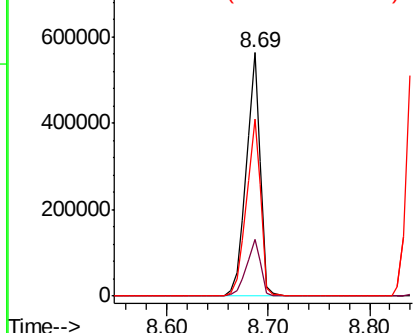


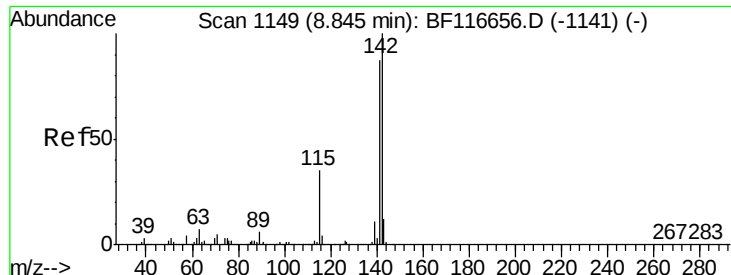
#36
 4-Chloro-3-methylphenol
 Concen: 54.637 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

Tgt Ion:107 Resp: 544462
 Ion Ratio Lower Upper
 107 100
 144 23.4 18.6 27.8
 142 73.0 58.5 87.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

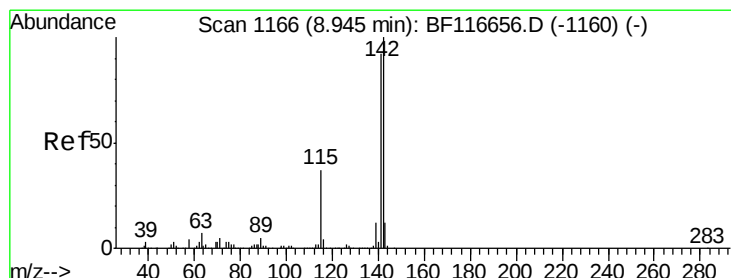
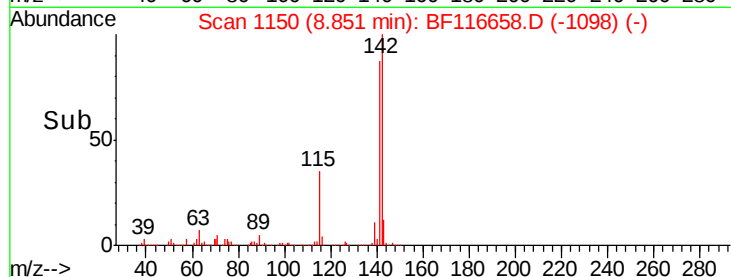
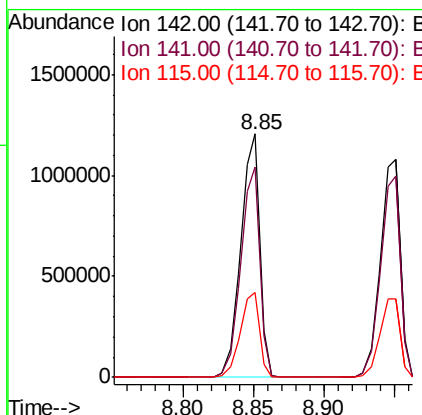
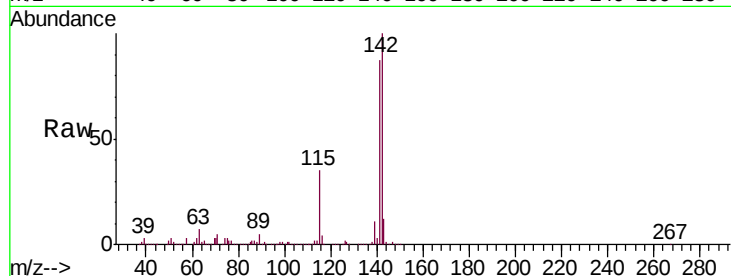




#37
2-Methylnaphthalene
Concen: 52.562 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

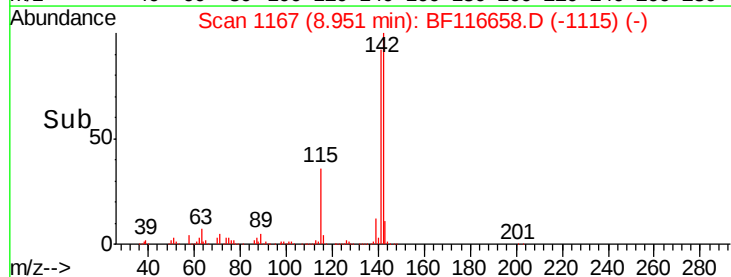
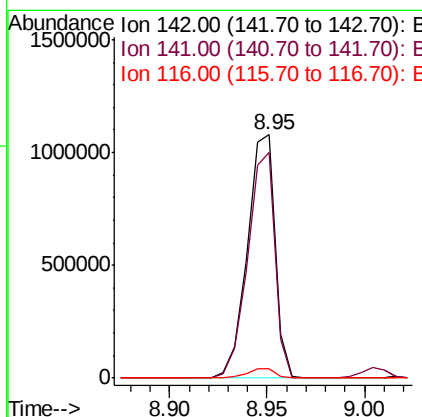
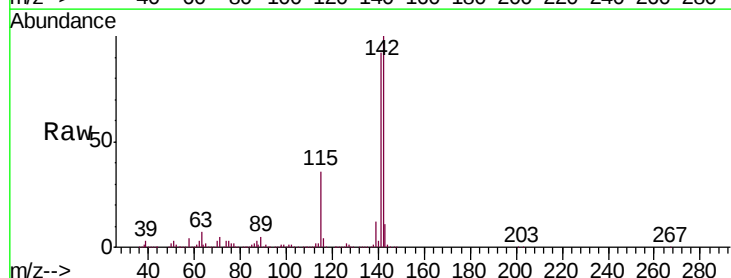
Instrument :
BNA_F
ClientSampleId :

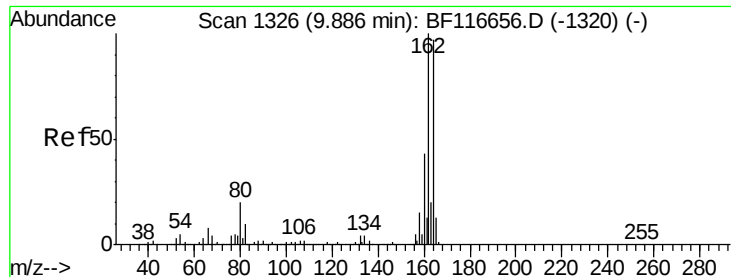
Tot Ion:142 Resp: 1121678
Ion Ratio Lower Upper
142 100
141 86.7 72.6 109.0
115 34.7 29.8 44.6



#38
1-Methylnaphthalene
Concen: 52.688 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:142 Resp: 1058154
Ion Ratio Lower Upper
142 100
141 92.4 73.9 110.9
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

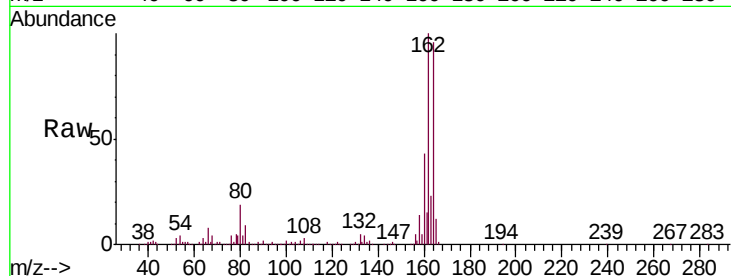
Tot Ion:164 Resp: 316527

Ion Ratio Lower Upper

164 100

162 104.6 81.4 122.0

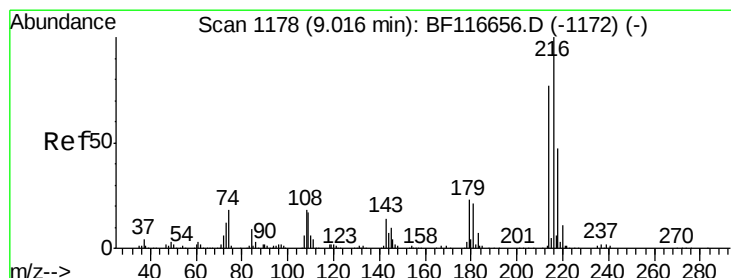
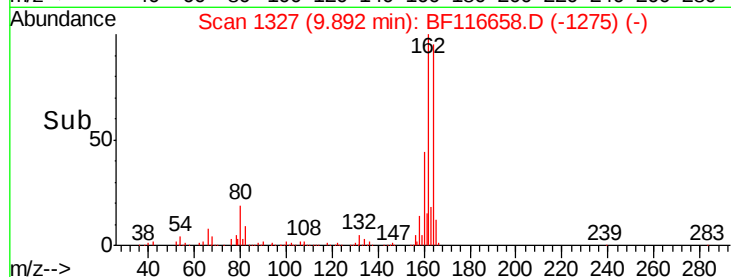
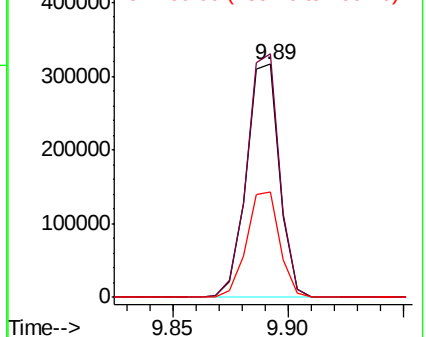
160 45.5 35.4 53.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.143 ng

RT: 9.02 min Scan# 1178

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Tgt Ion:216 Resp: 420317

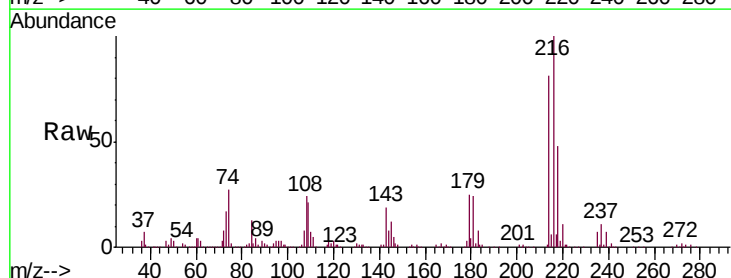
Ion Ratio Lower Upper

216 100

214 79.5 62.7 94.1

179 23.9 19.3 28.9

108 25.5 16.6 25.0#

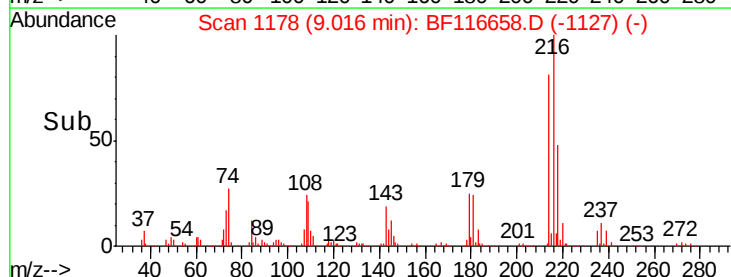
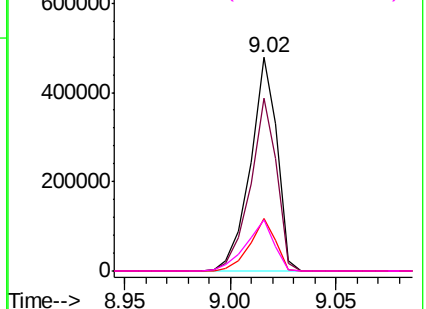


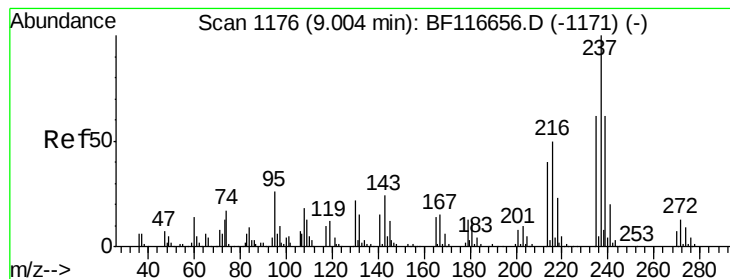
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 40.910 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

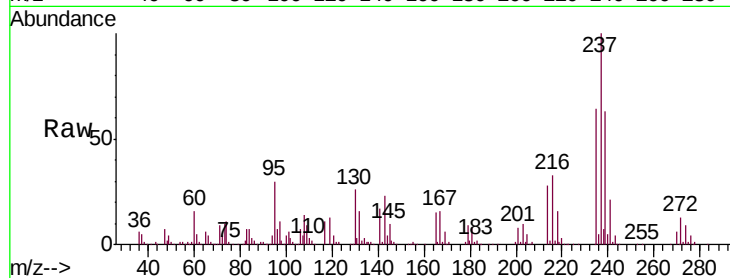
Tot Ion:237 Resp: 257476

Ion Ratio Lower Upper

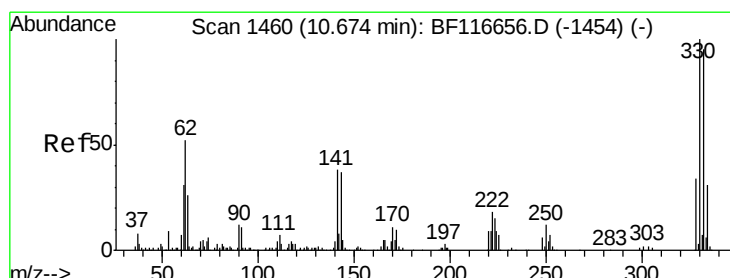
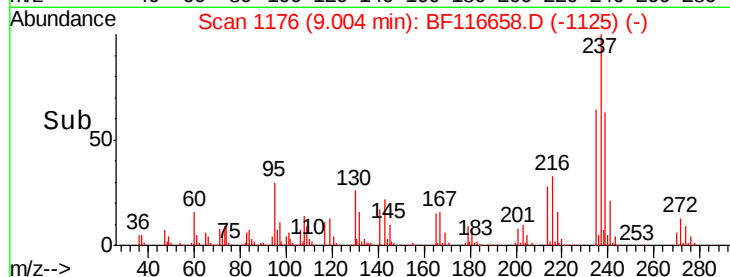
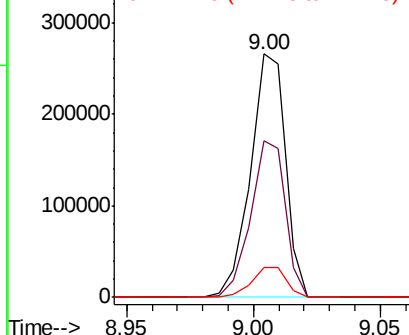
237 100

235 64.3 41.4 81.4

272 12.5 0.0 32.8



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: 67.227 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

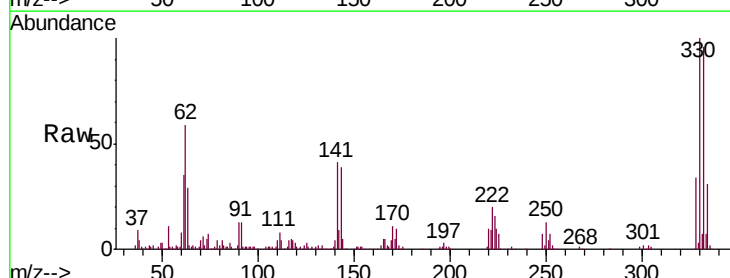
Tgt Ion:330 Resp: 245381

Ion Ratio Lower Upper

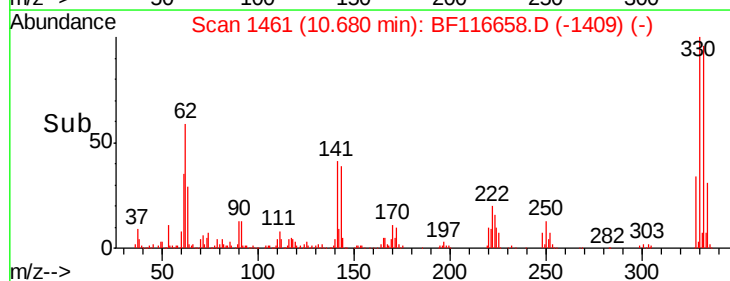
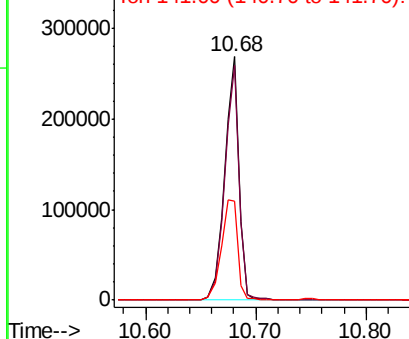
330 100

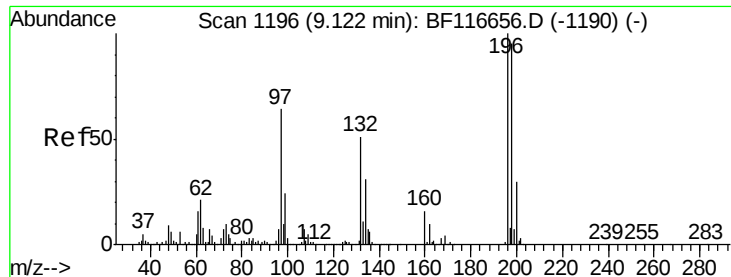
332 95.9 76.9 115.3

141 46.7 31.4 47.2



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

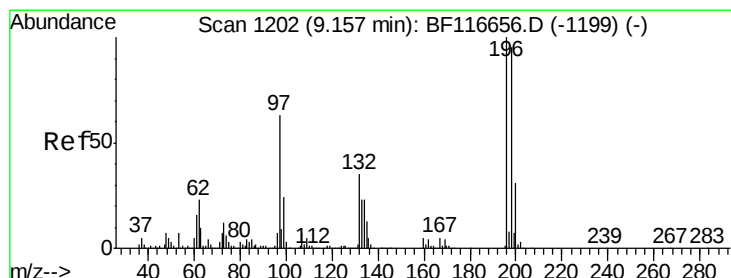
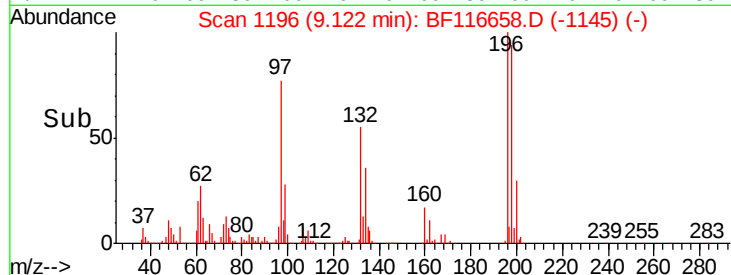
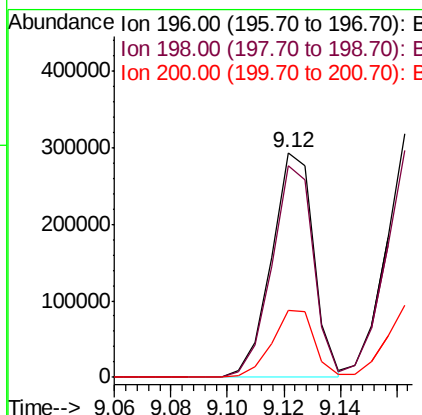
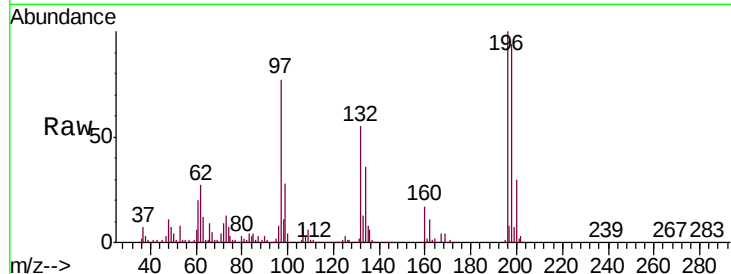




#43
 2,4,6-Trichlorophenol
 Concen: 41.833 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

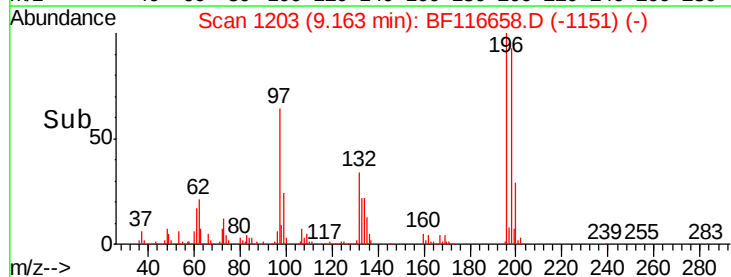
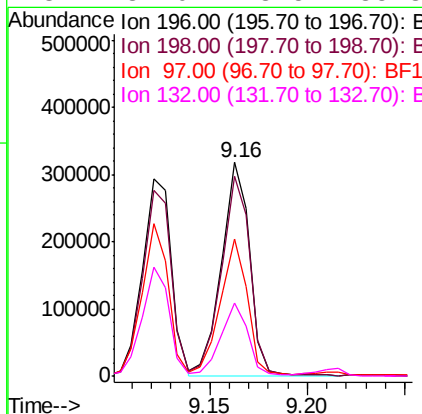
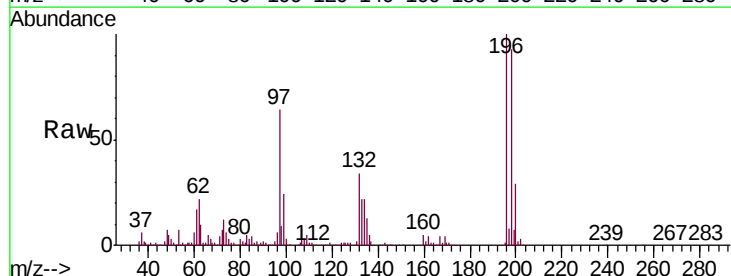
Instrument :
 BNA_F
 ClientSampleId :

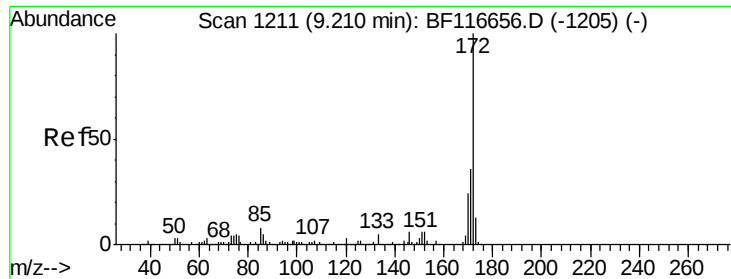
Tot Ion	196	Resp	302875
Ion Ratio	Lower	Upper	
196	100		
198	94.2	79.1	118.7
200	29.8	24.0	36.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.029 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

Tgt Ion	196	Resp	316489
Ion Ratio	Lower	Upper	
196	100		
198	93.3	78.1	117.1
97	63.9	41.6	62.4#
132	34.0	23.5	35.3

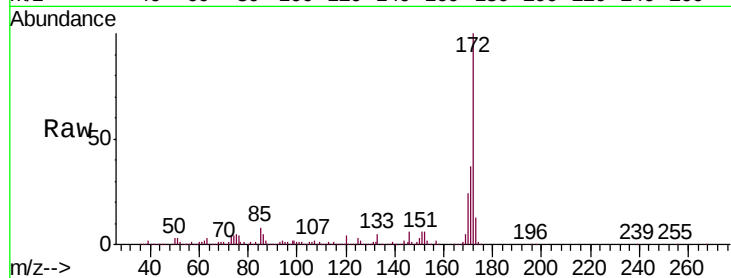




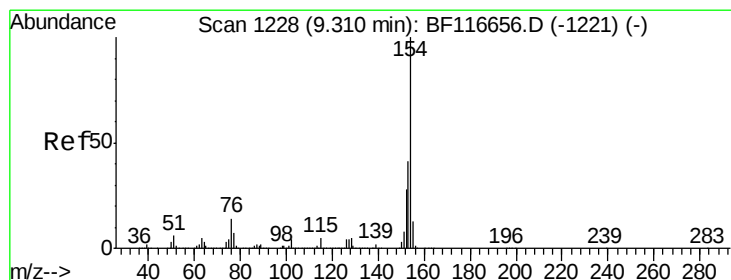
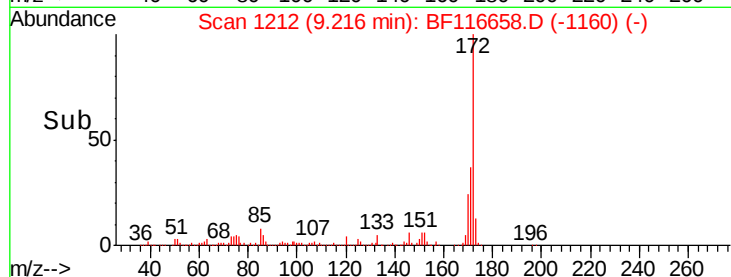
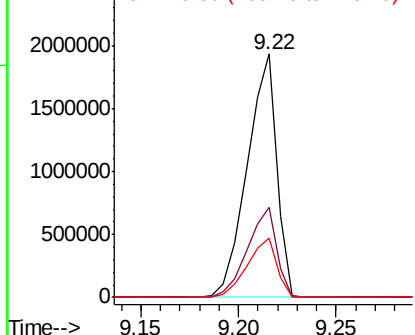
#45
2-Fluorobiphenyl
Concen: 80.038 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 2018067
Ion Ratio Lower Upper
172 100
171 36.9 27.8 41.6
170 24.4 18.9 28.3

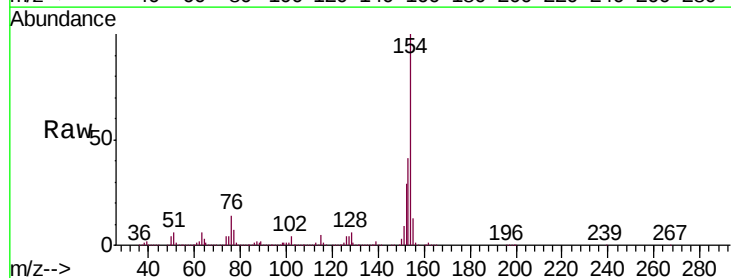


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

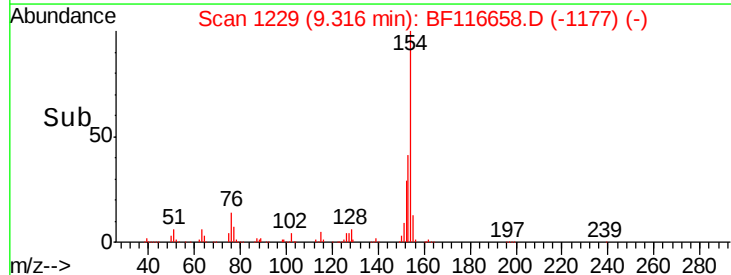
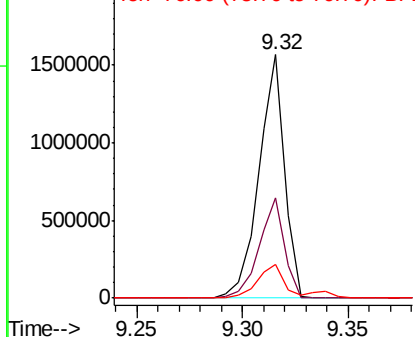


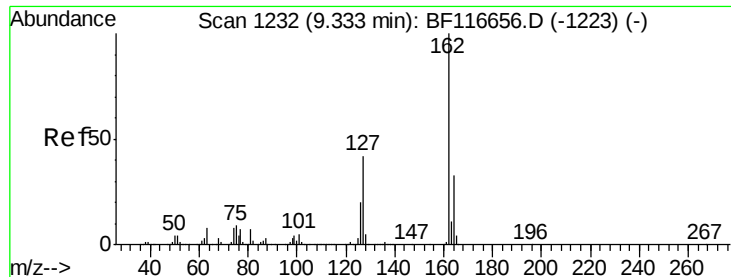
#46
1,1'-Biphenyl
Concen: 43.001 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:154 Resp: 1317951
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 13.9 0.0 30.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

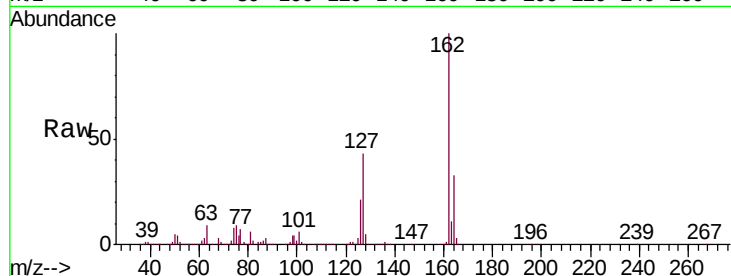




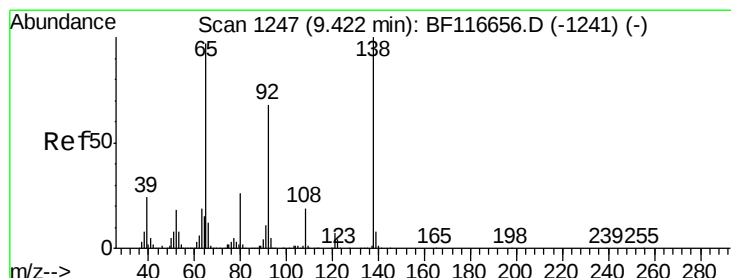
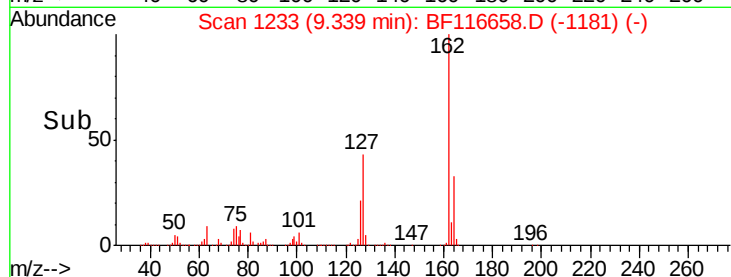
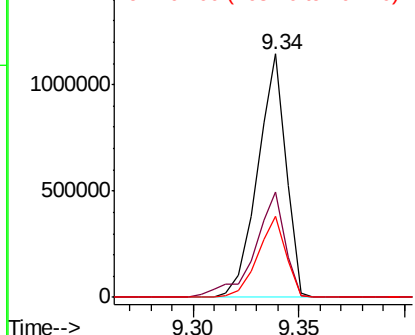
#47
2-Chloronaphthalene
Concen: 44.948 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Instrument :
BNA_F
ClientSampled :

Tot Ion:162 Resp: 1064141
Ion Ratio Lower Upper
162 100
127 43.3 33.4 50.2
164 33.4 26.6 39.8

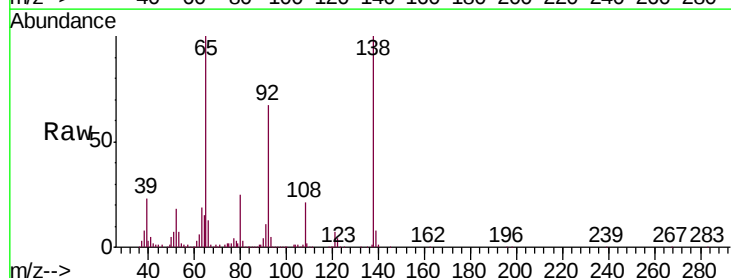


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

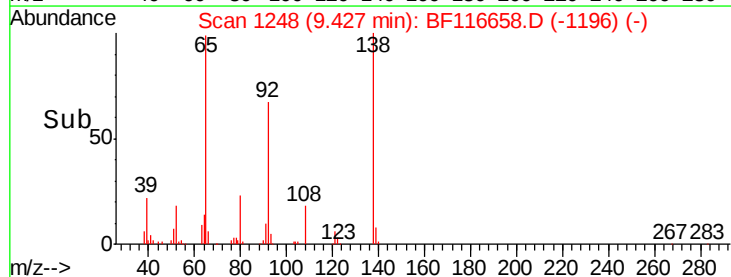
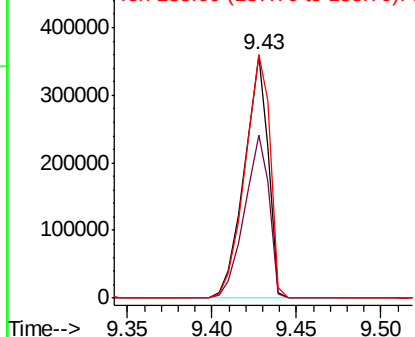


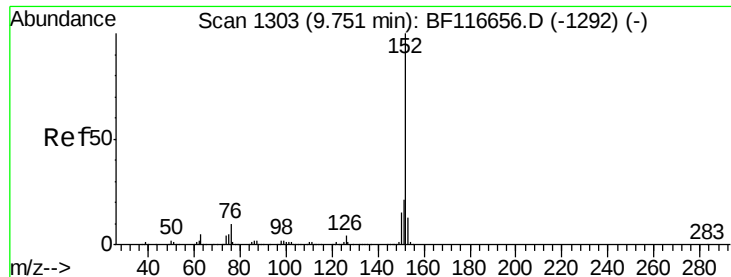
#48
2-Nitroaniline
Concen: 48.982 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion: 65 Resp: 355445
Ion Ratio Lower Upper
65 100
92 67.0 57.1 85.7
138 100.2 88.2 132.2



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: 49.937 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

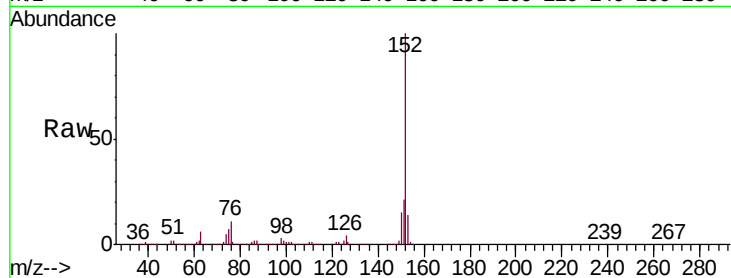
Tot Ion:152 Resp: 1607316

Ion Ratio Lower Upper

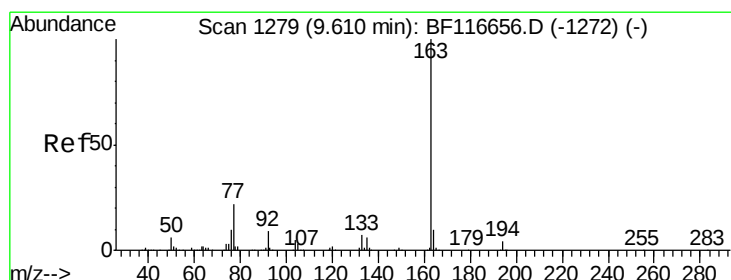
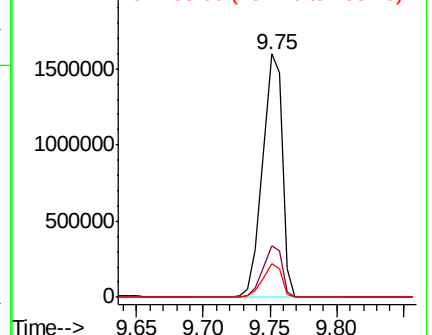
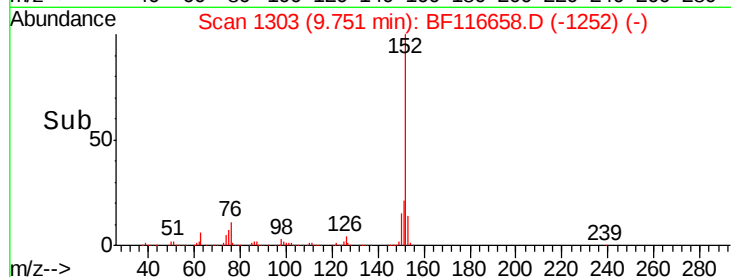
152 100

151 21.0 15.9 23.9

153 13.7 10.9 16.3



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: 45.722 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

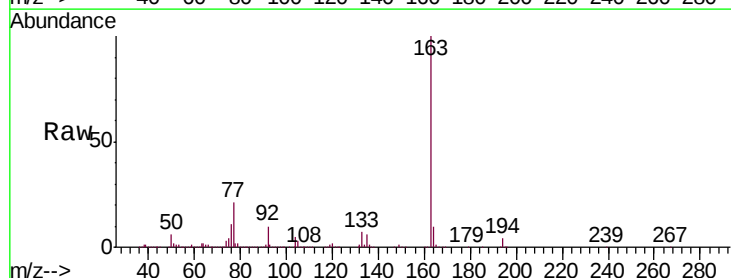
Tgt Ion:163 Resp: 1232602

Ion Ratio Lower Upper

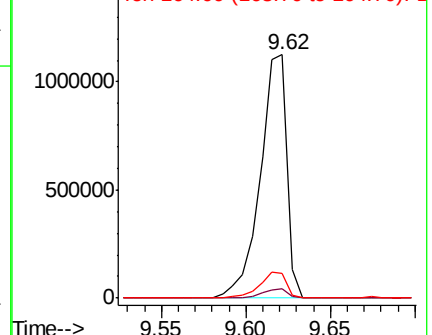
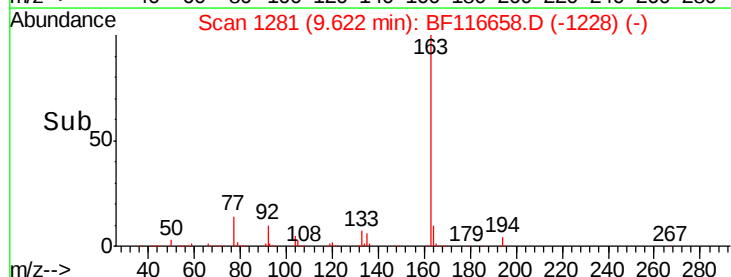
163 100

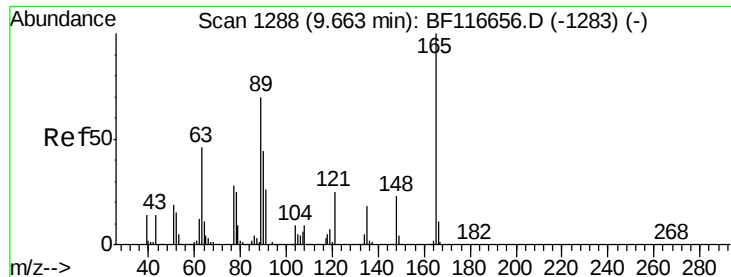
194 3.9 2.8 4.2

164 10.0 8.6 12.8



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

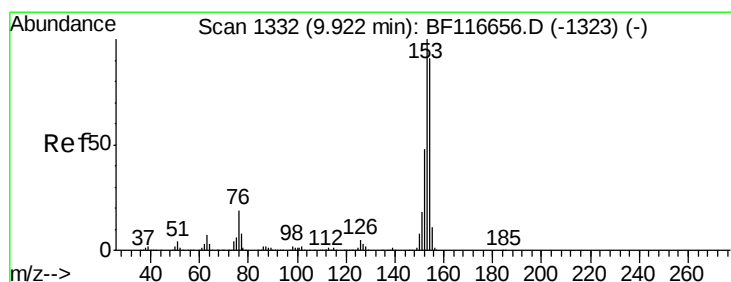
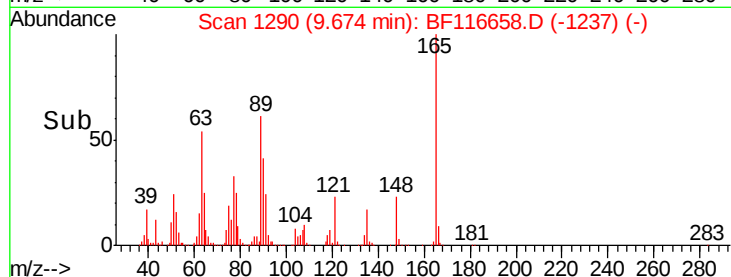
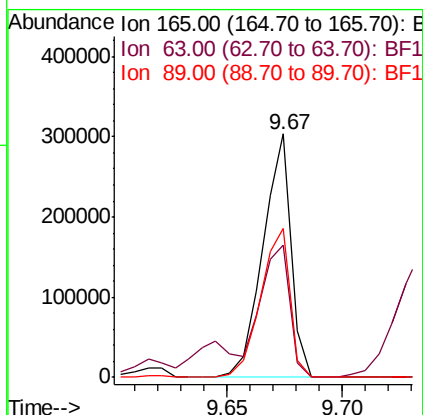
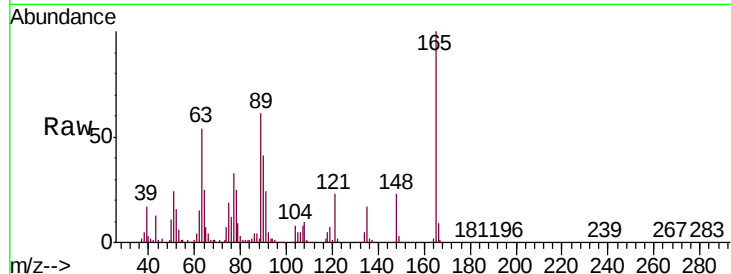




#51
2,6-Dinitrotoluene
Concen: 46.336 ng
RT: 9.67 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

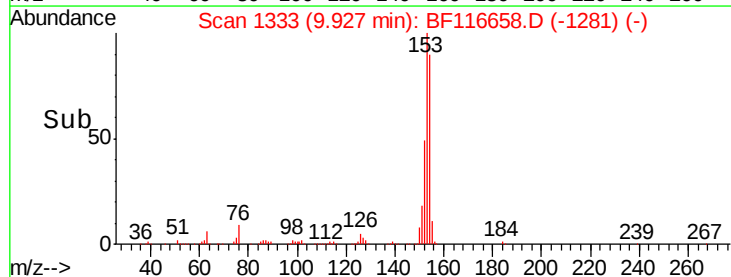
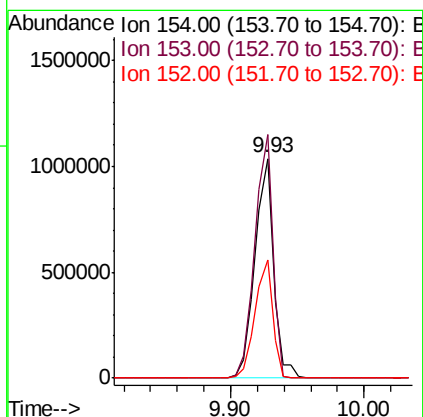
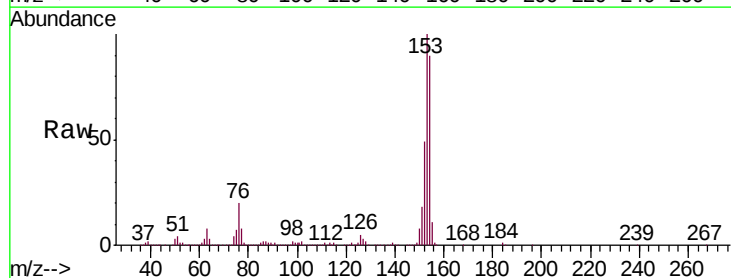
Instrument :
BNA_F
ClientSampleId :

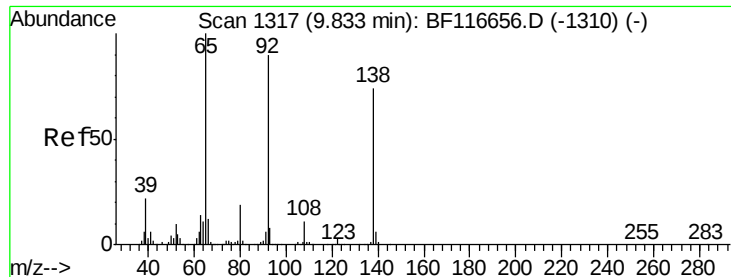
Tot Ion:165 Resp: 256941
Ion Ratio Lower Upper
165 100
63 54.3 47.3 70.9
89 61.0 52.5 78.7



#52
Acenaphthene
Concen: 50.820 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:154 Resp: 994157
Ion Ratio Lower Upper
154 100
153 110.8 89.5 134.3
152 53.9 41.9 62.9

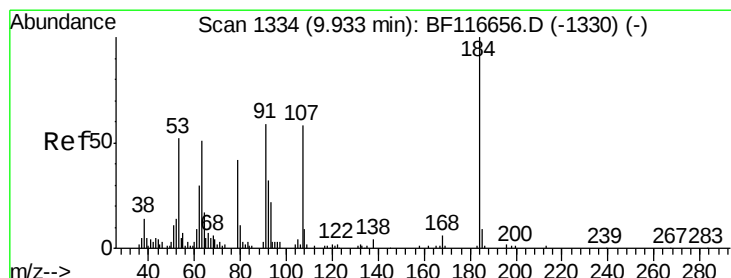
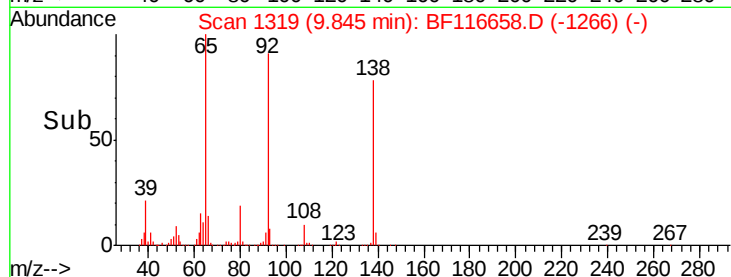
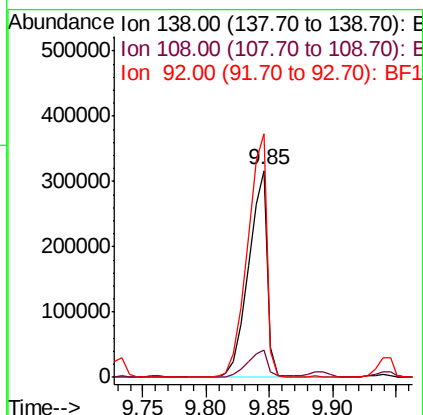
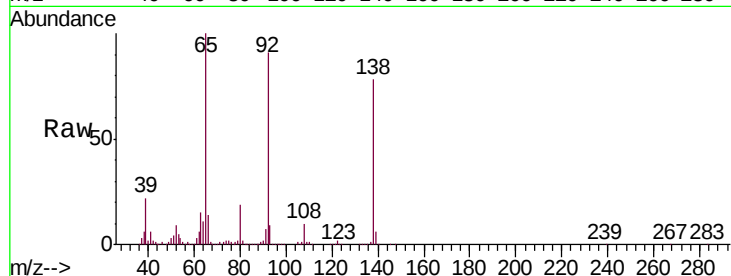




#53
3-Nitroaniline
Concen: 53.614 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

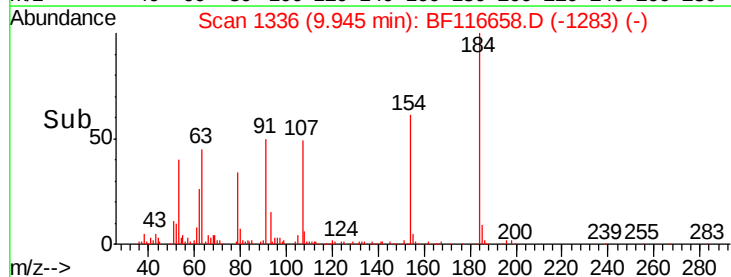
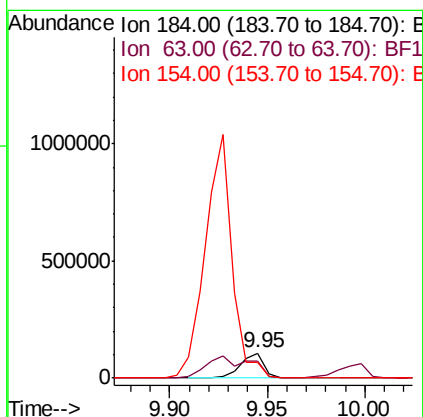
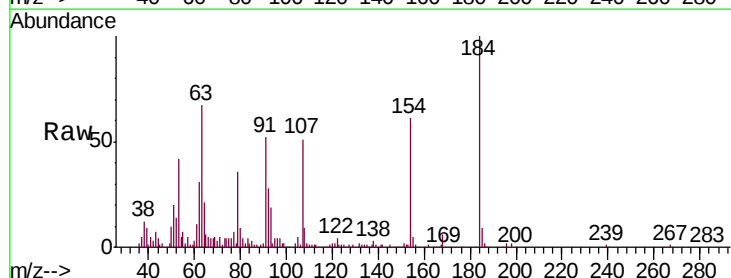
Instrument :
BNA_F
ClientSampleId :

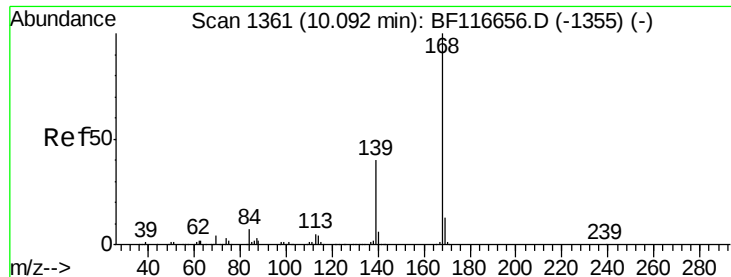
Tot Ion:138 Resp: 323951
Ion Ratio Lower Upper
138 100
108 13.0 8.5 12.7#
92 117.7 87.2 130.8



#54
2,4-Dinitrophenol
Concen: 38.261 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:184 Resp: 88457
Ion Ratio Lower Upper
184 100
63 66.8 52.2 78.2
154 61.4 60.8 91.2

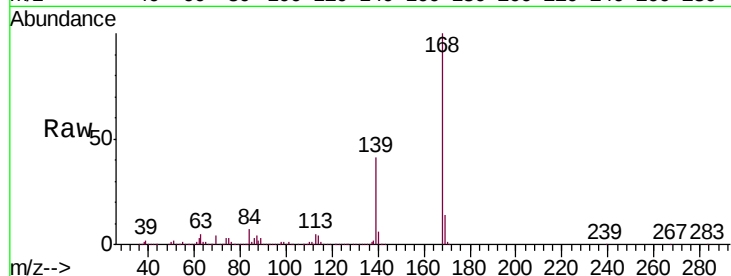




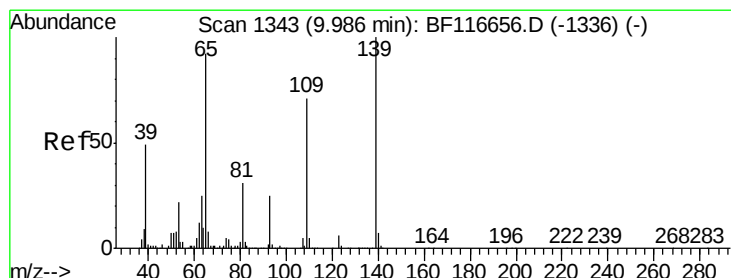
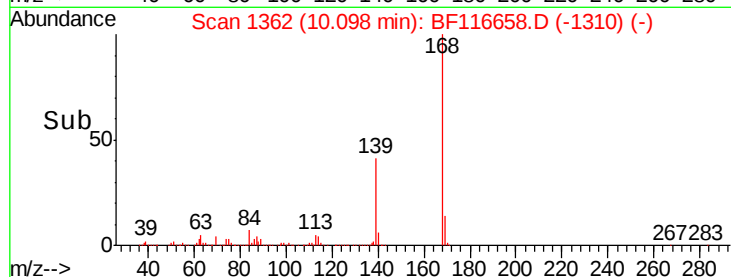
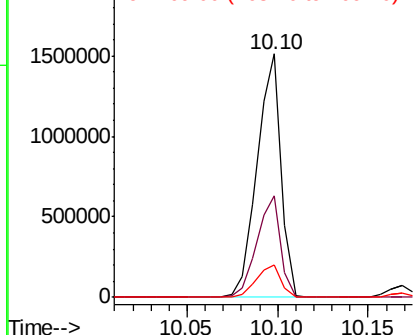
#55
Dibenzofuran
Concen: 46.651 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1382266
Ion Ratio Lower Upper
168 100
139 41.5 31.5 47.3
169 13.6 10.3 15.5

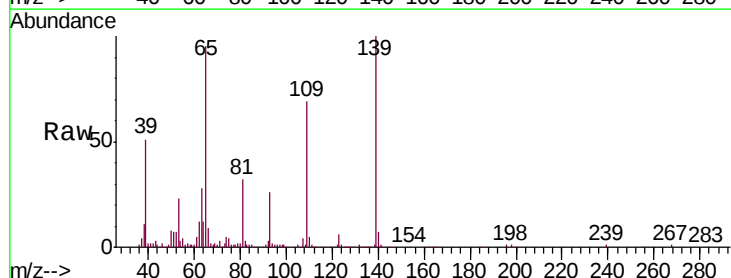


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

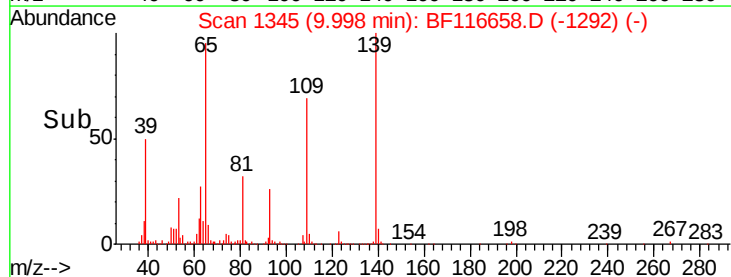
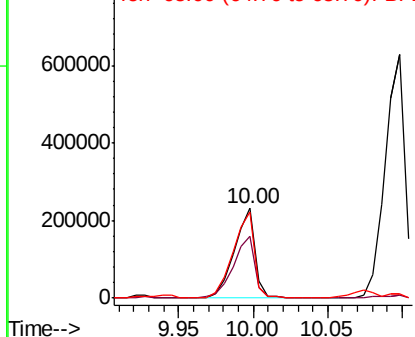


#56
4-Nitrophenol
Concen: 55.024 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:139 Resp: 228489
Ion Ratio Lower Upper
139 100
109 69.1 61.7 101.7
65 95.4 89.1 129.1



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

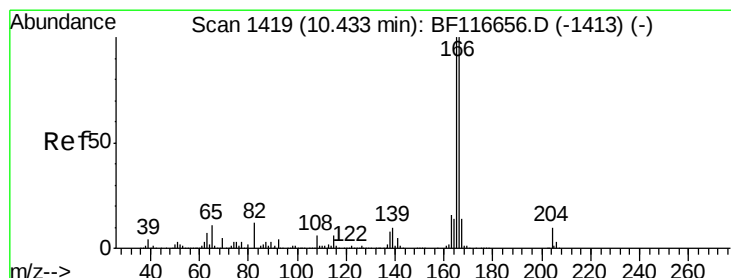
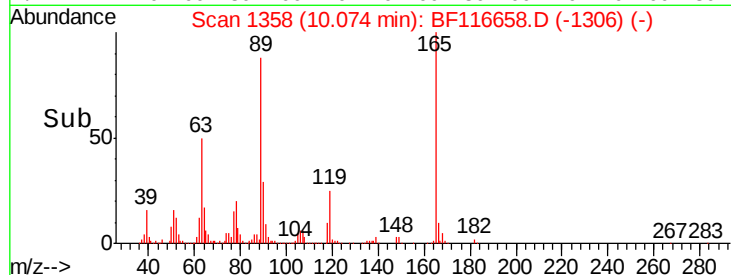
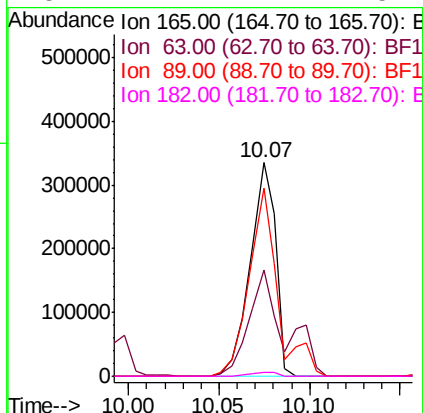
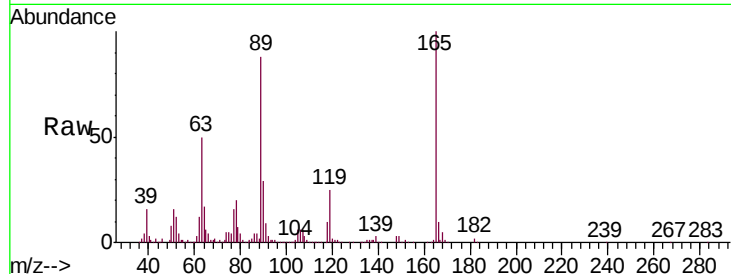




#57
2,4-Dinitrotoluene
Concen: 47.842 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

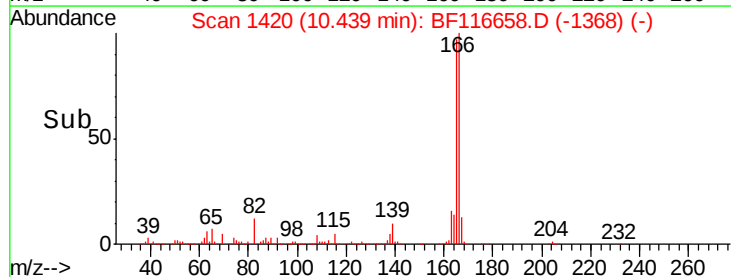
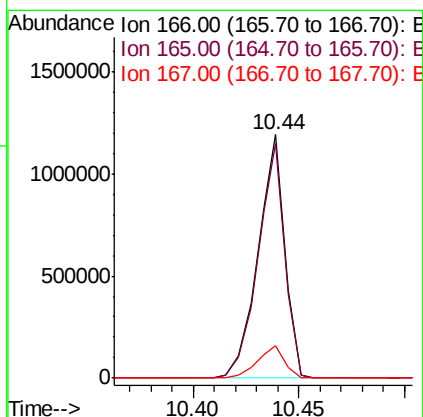
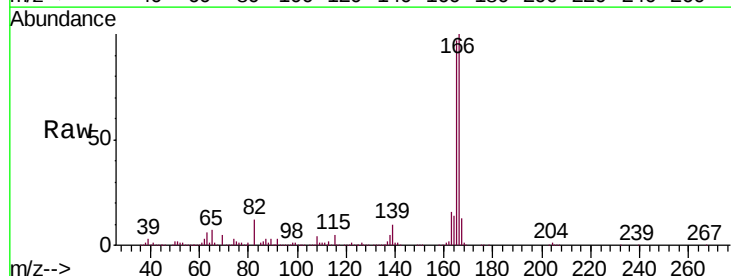
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	49.7	36.4	54.6	
89	88.3	62.6	94.0	
182	2.1	2.1	3.1	



#58
Fluorene
Concen: 43.723 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	96.5	78.8	118.2	
167	13.4	10.0	15.0	





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.570 ng

RT: 10.21 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 230509

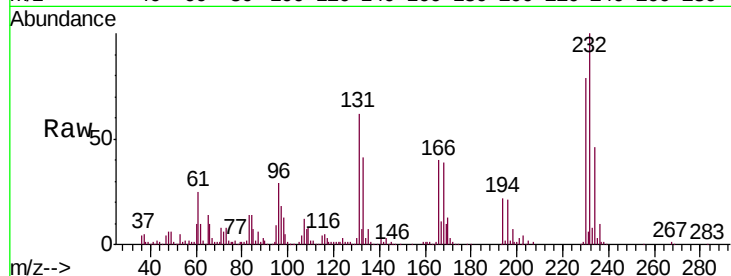
Ion Ratio Lower Upper

232 100

131 58.3 42.7 64.1

130 2.7 1.9 2.9

166 37.5 27.4 41.2

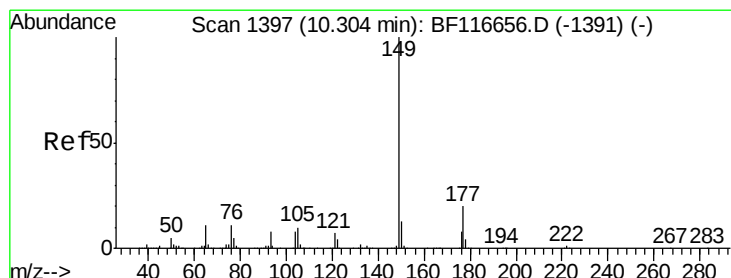
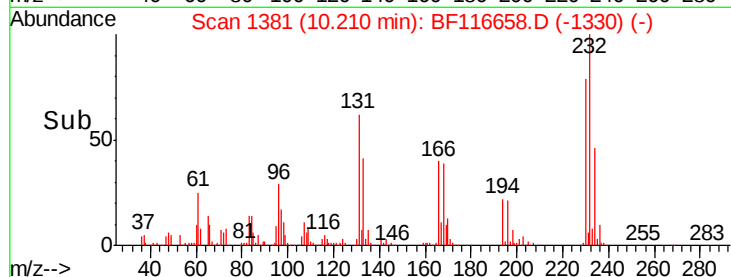
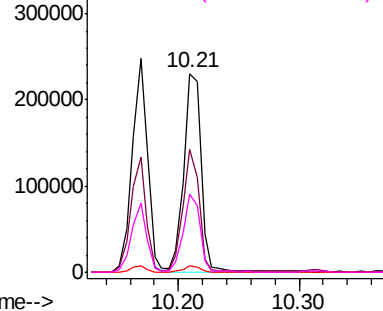


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 48.166 ng

RT: 10.32 min Scan# 1399

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

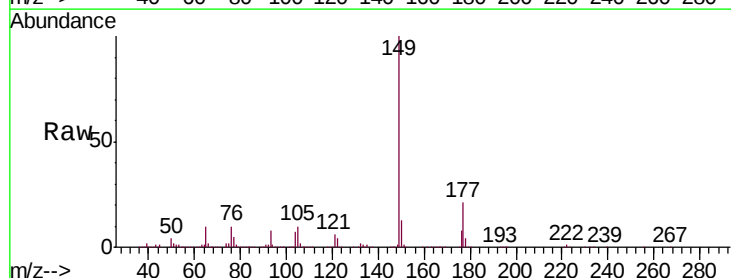
Tgt Ion:149 Resp: 1228544

Ion Ratio Lower Upper

149 100

177 21.0 17.2 25.8

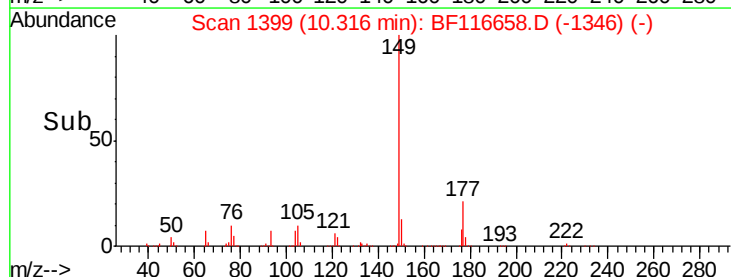
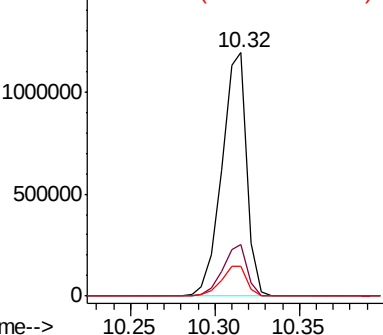
150 12.5 9.7 14.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

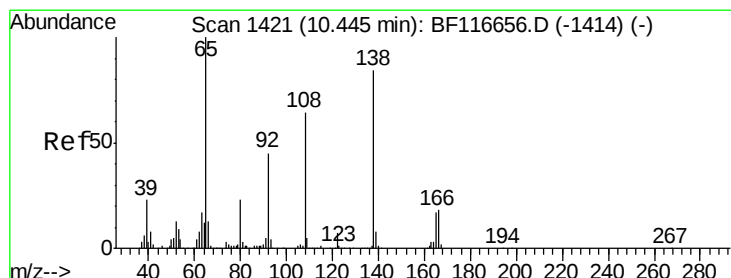
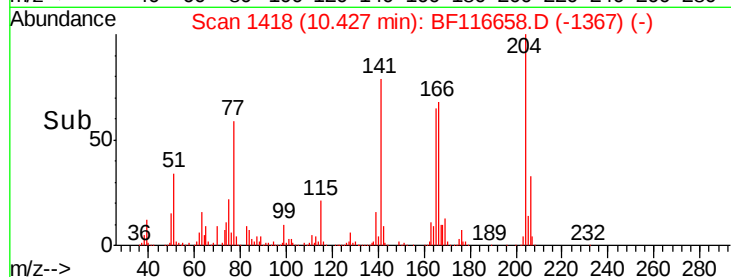
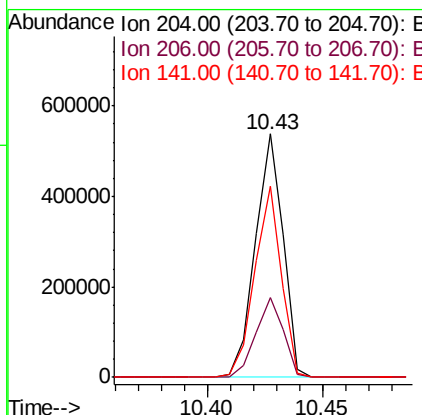
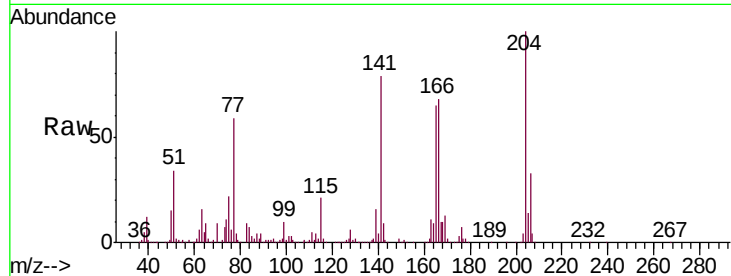




#61
4-Chlorophenyl-phenylether
Concen: 38.232 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

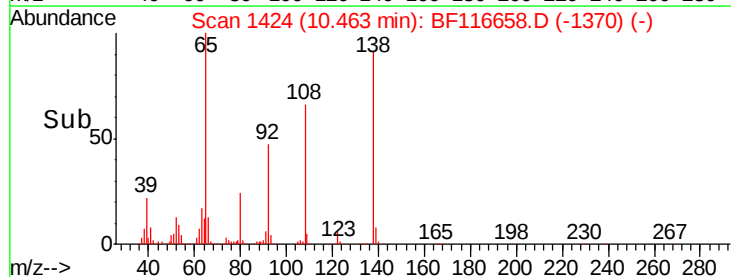
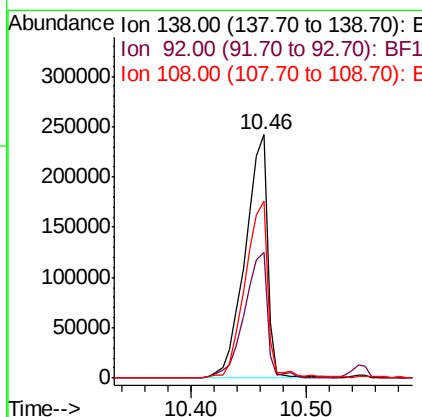
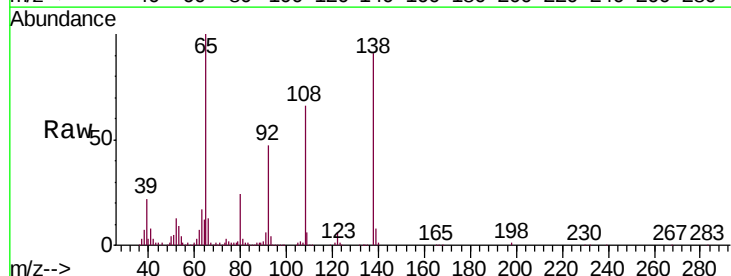
Instrument :
BNA_F
ClientSampled :

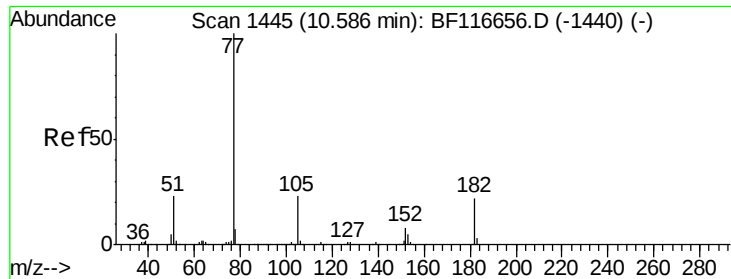
Tot Ion:204 Resp: 451073
Ion Ratio Lower Upper
204 100
206 32.6 25.4 38.2
141 78.6 53.8 80.8



#62
4-Nitroaniline
Concen: 49.478 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.02 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:138 Resp: 324965
Ion Ratio Lower Upper
138 100
92 51.5 28.7 68.7
108 72.9 60.4 100.4

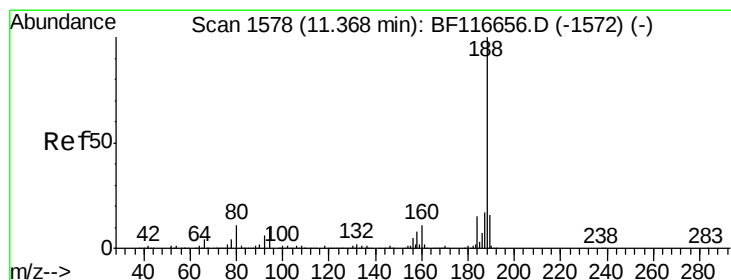
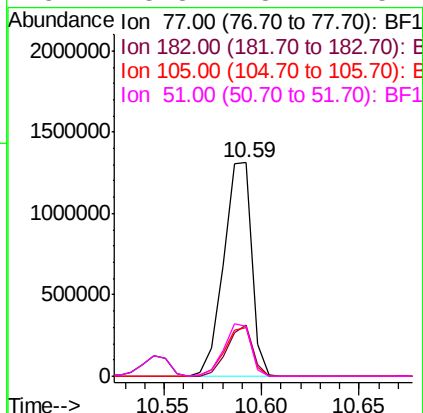
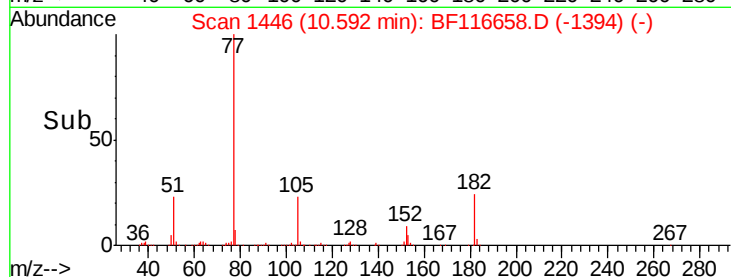
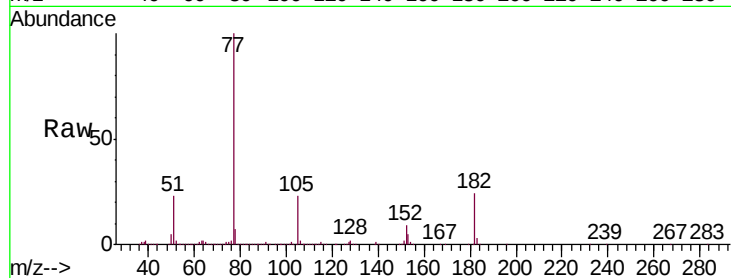




#63
Azobenzene
Concen: 51.384 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

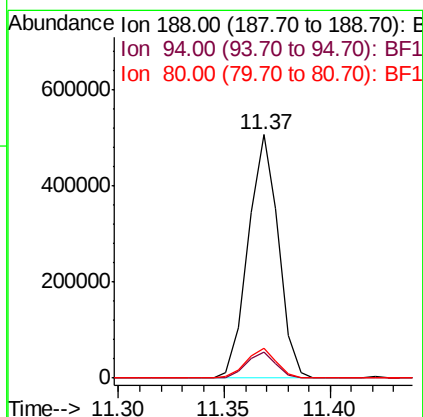
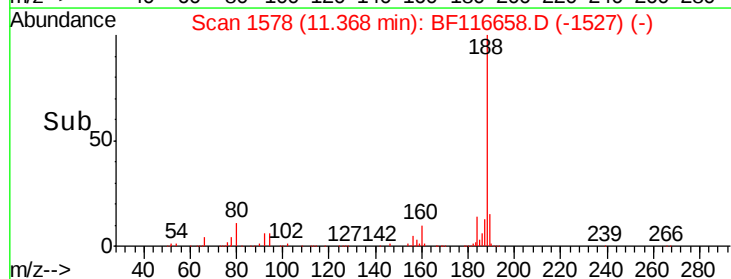
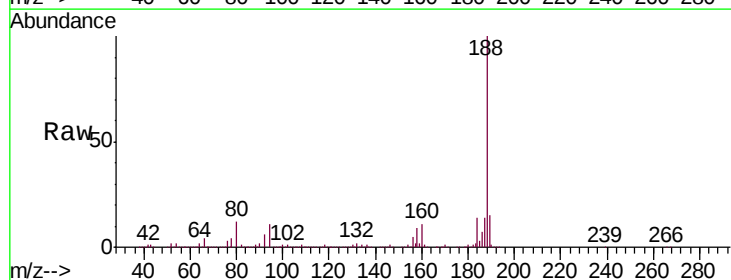
Instrument :
BNA_F
ClientSampleId :

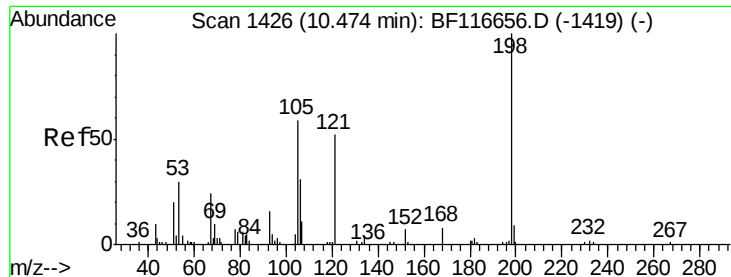
Tot Ion:	77	Resp:	1302865
Ion	Ratio	Lower	Upper
77	100		
182	24.3	1.2	41.2
105	22.8	0.6	40.6
51	23.3	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:	188	Resp:	500909
Ion	Ratio	Lower	Upper
188	100		
94	10.9	7.3	10.9
80	12.1	8.4	12.6

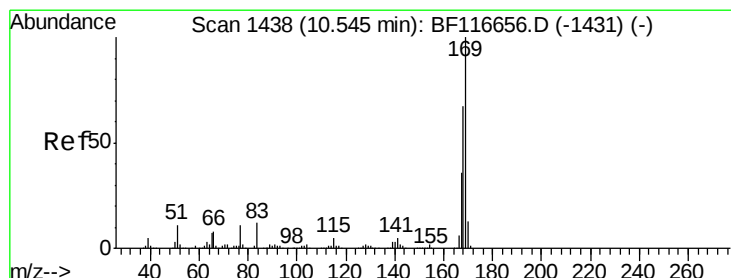
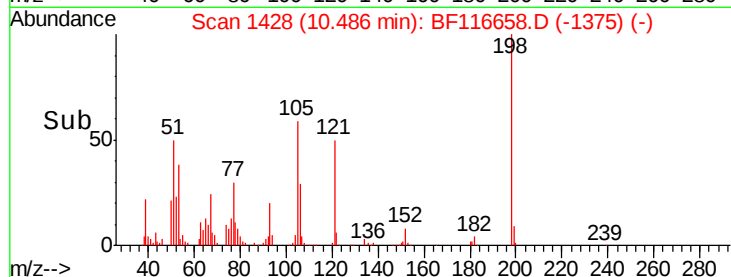
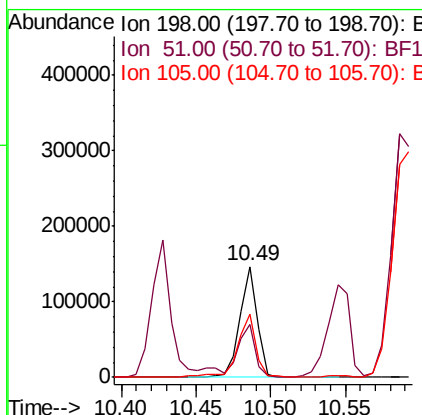
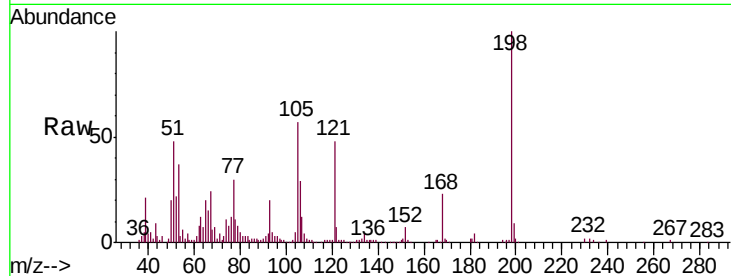




#65
4,6-Dinitro-2-methylphenol
Concen: 44.185 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

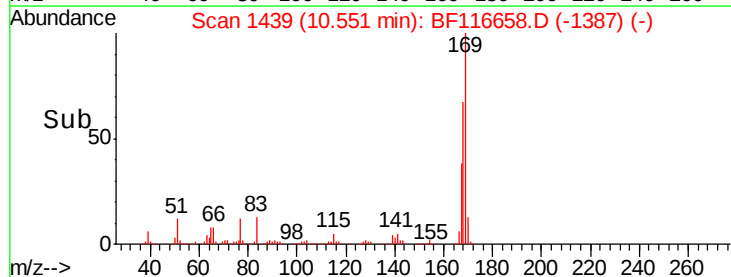
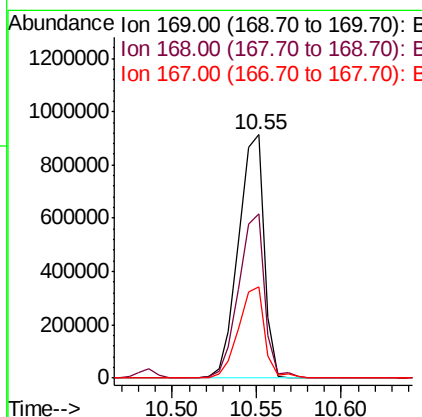
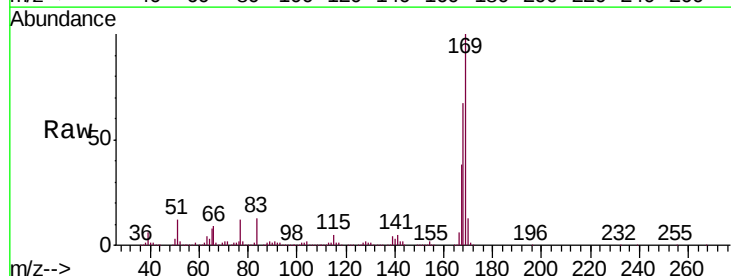
Instrument :
BNA_F
ClientSampled :

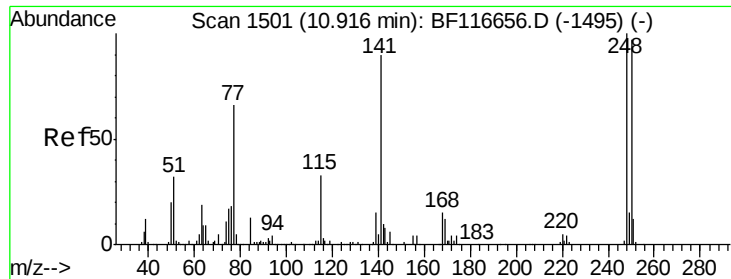
Tot Ion:198 Resp: 119467
Ion Ratio Lower Upper
198 100
51 47.8 18.4 58.4
105 56.7 22.9 62.9



#66
n-Nitrosodiphenylamine
Concen: 58.494 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:169 Resp: 973958
Ion Ratio Lower Upper
169 100
168 67.3 55.8 83.6
167 37.5 29.4 44.2

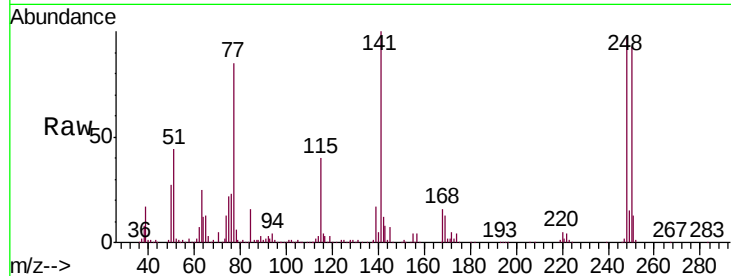




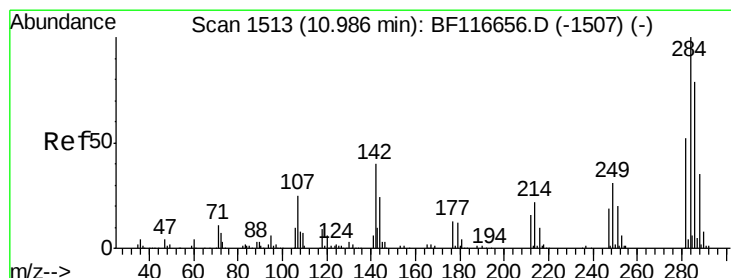
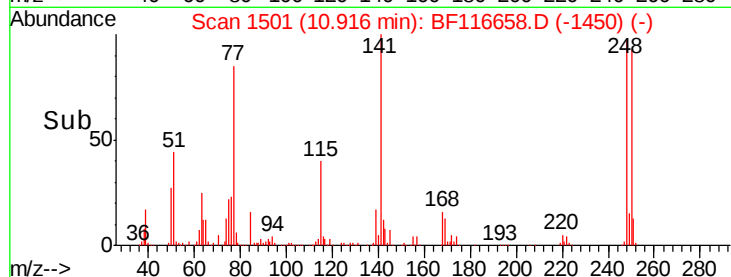
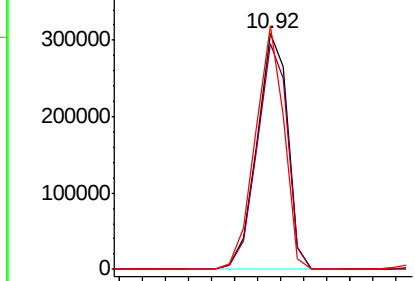
#67
4-Bromophenyl-phenylether
Concen: 50.234 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 286315
Ion Ratio Lower Upper
248 100
250 95.6 77.8 116.8
141 103.3 75.9 113.9

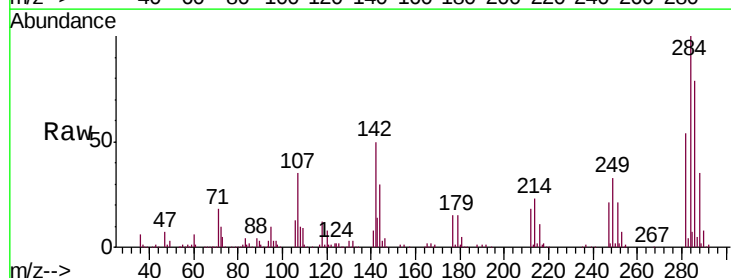


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

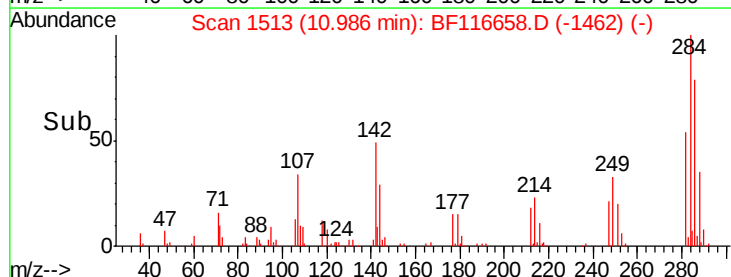
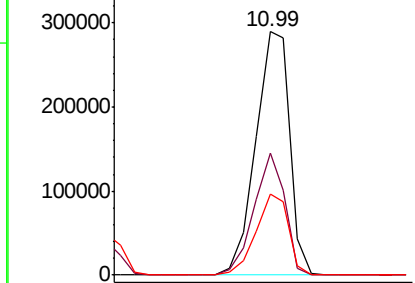


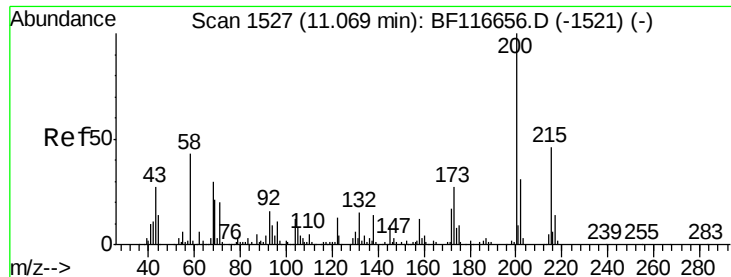
#68
Hexachlorobenzene
Concen: 47.375 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:284 Resp: 297383
Ion Ratio Lower Upper
284 100
142 50.3 34.0 51.0
249 33.1 26.4 39.6



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: 53.090 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

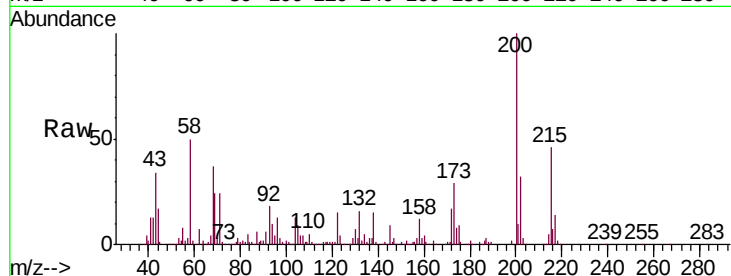
Tot Ion:200 Resp: 268950

Ion Ratio Lower Upper

200 100

173 28.7 6.2 46.2

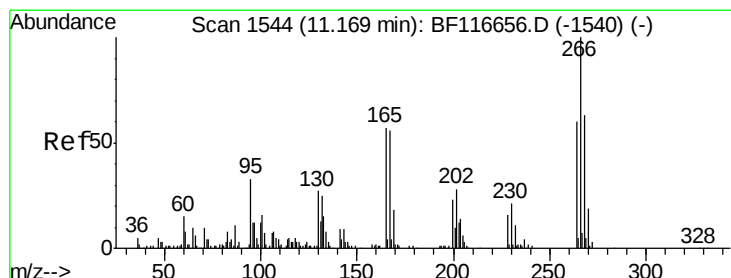
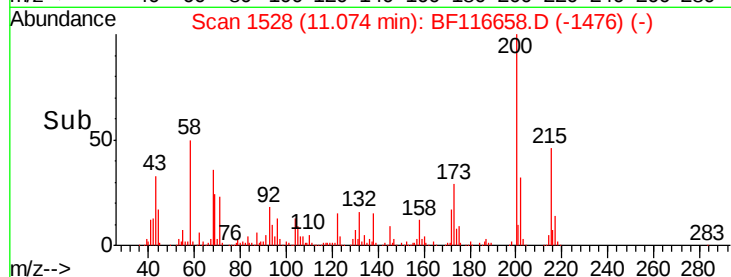
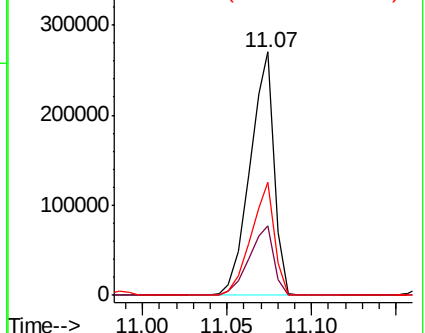
215 46.4 24.3 64.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 43.021 ng

RT: 11.17 min Scan# 1545

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

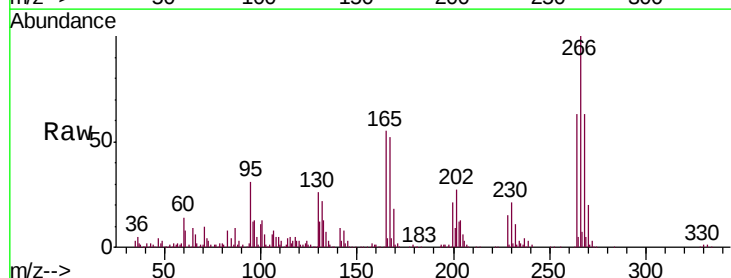
Tgt Ion:266 Resp: 158041

Ion Ratio Lower Upper

266 100

268 63.4 51.2 76.8

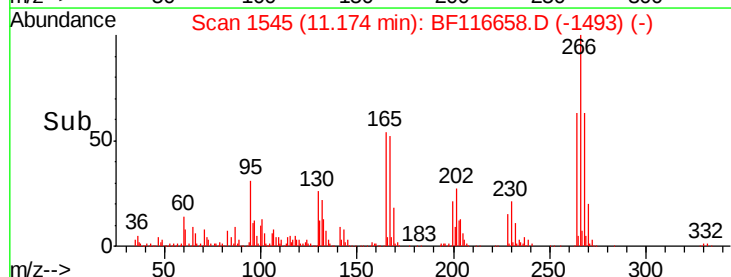
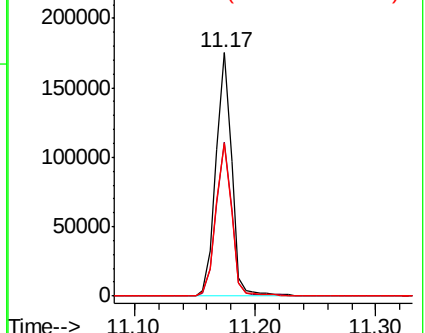
264 62.9 51.9 77.9

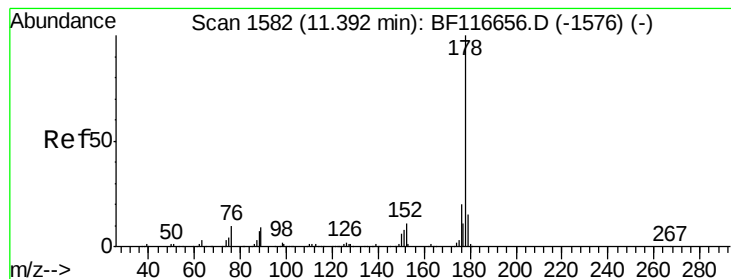


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 53.718 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

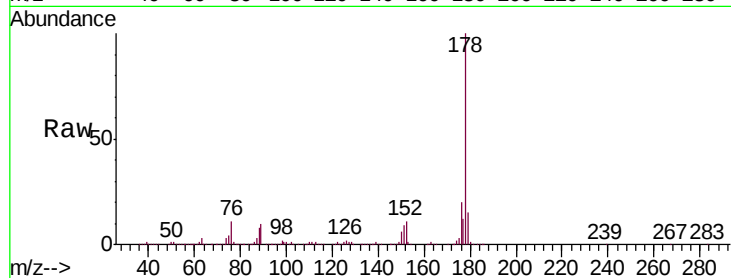
Tot Ion:178 Resp: 1511832

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

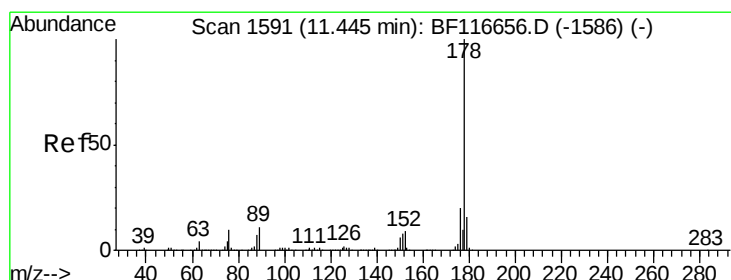
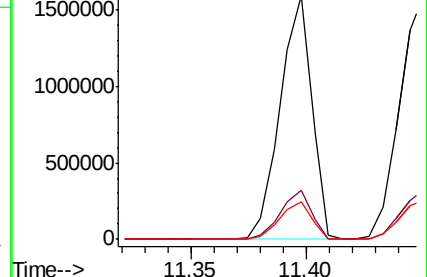
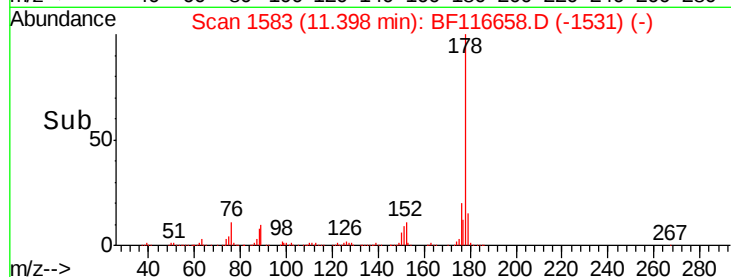
179 15.4 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 53.699 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

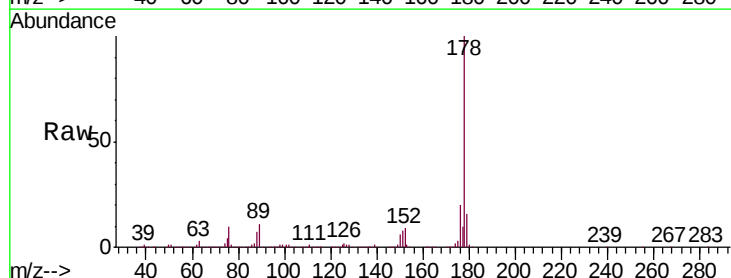
Tgt Ion:178 Resp: 1543280

Ion Ratio Lower Upper

178 100

176 19.9 15.4 23.0

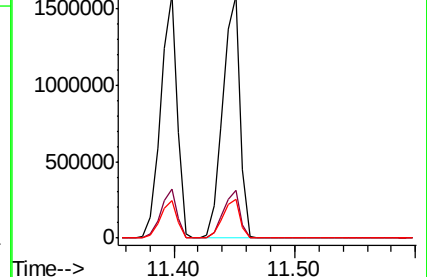
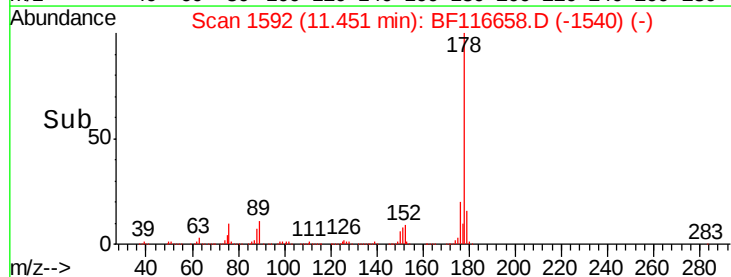
179 15.8 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



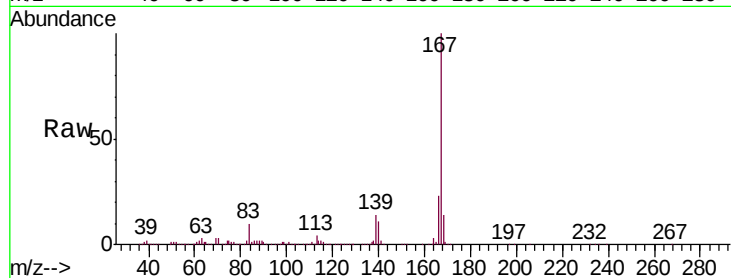


#73
 Carbazole
 Concen: 58.290 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

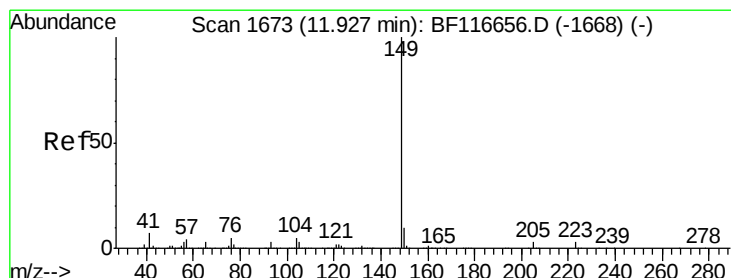
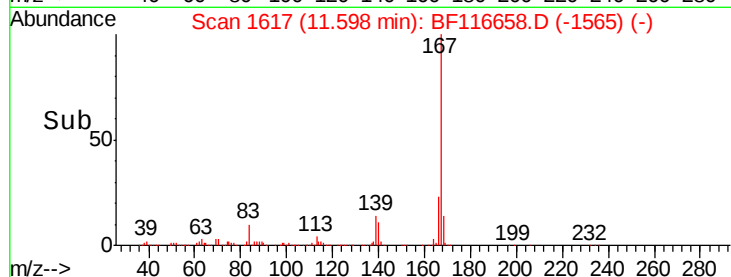
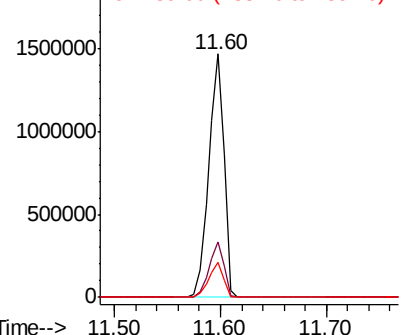
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1483344

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.6
139	14.4	11.1	16.7



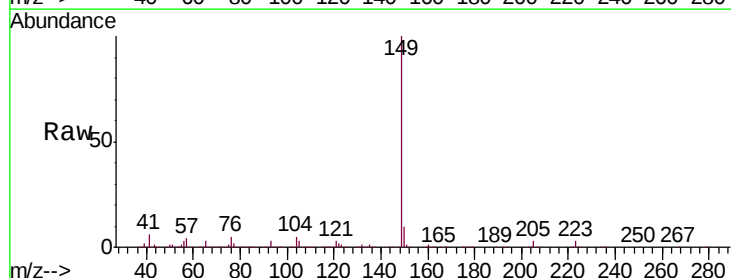
Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



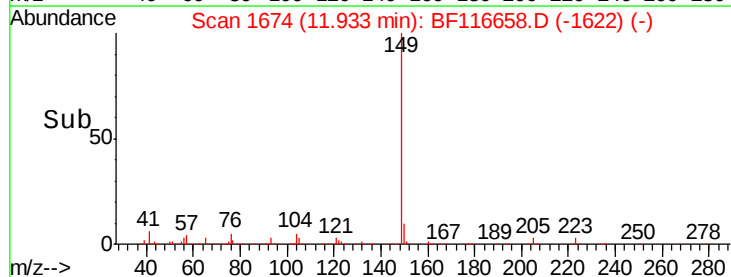
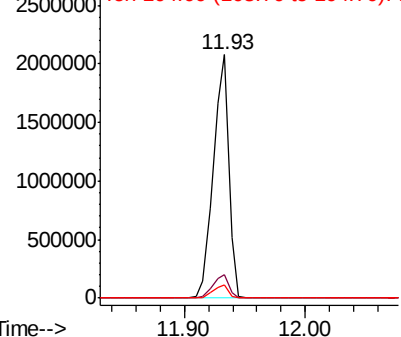
#74
 Di-n-butylphthalate
 Concen: 55.094 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.01 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

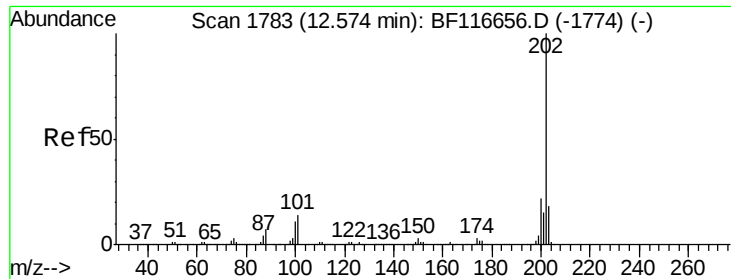
Tgt Ion:149 Resp: 1842575

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.2	10.8
104	5.5	4.2	6.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 52.139 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

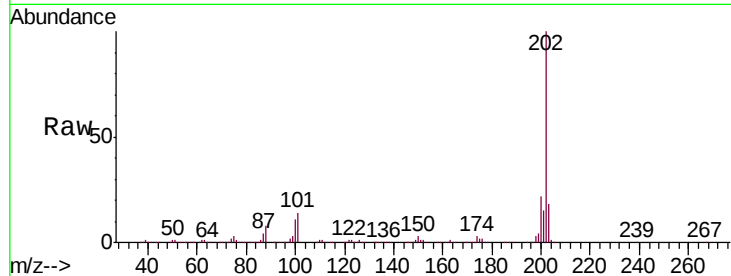
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1496916

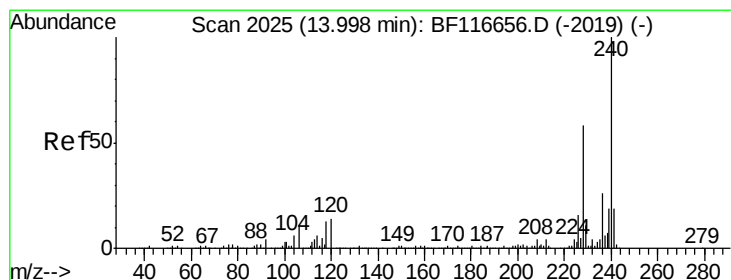
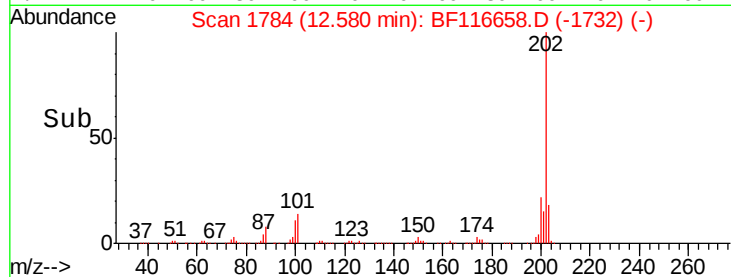
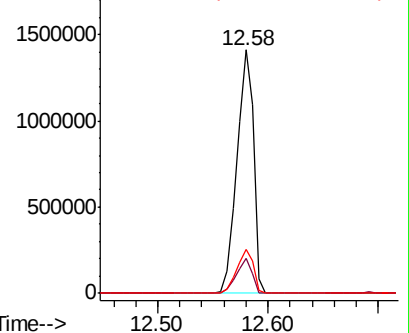
Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	31.3
203	18.1	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

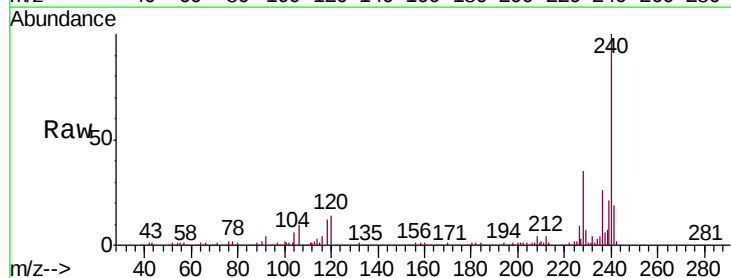
Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Tgt Ion:240 Resp: 285315

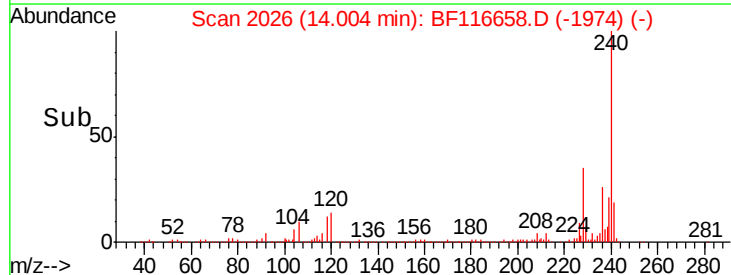
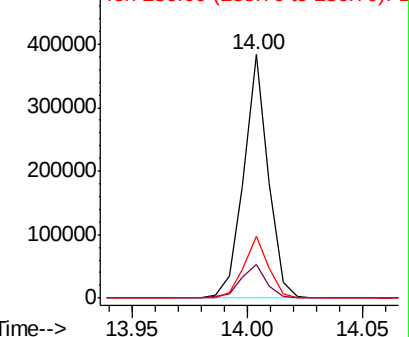
Ion	Ratio	Lower	Upper
240	100		
120	13.8	9.1	13.7#
236	25.5	21.1	31.7

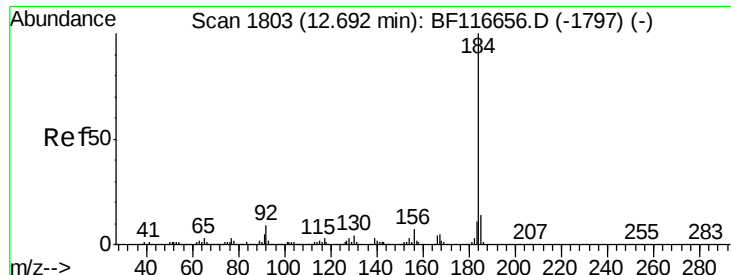


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 68.342 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

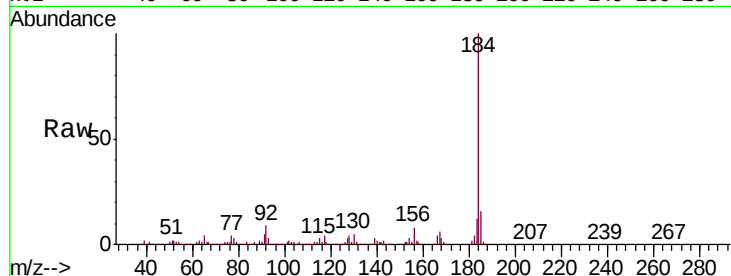
Tot Ion:184 Resp: 663482

Ion Ratio Lower Upper

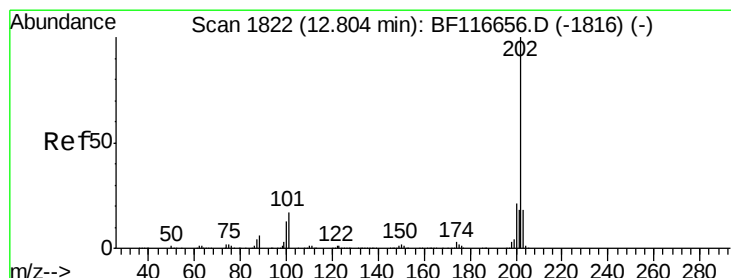
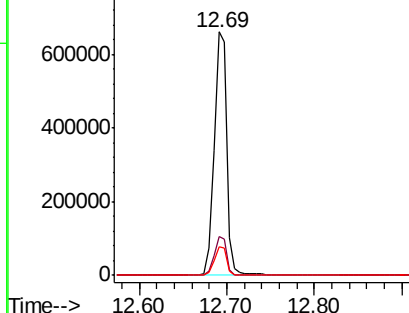
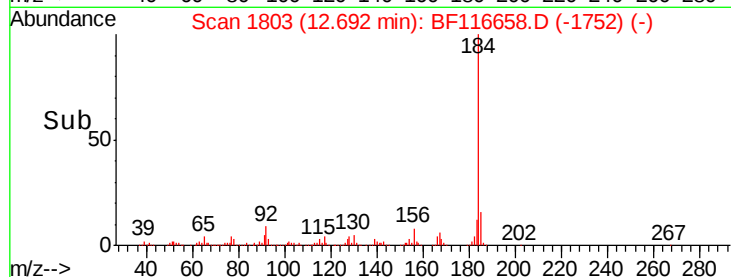
184 100

185 15.9 11.3 16.9

183 11.8 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 53.964 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

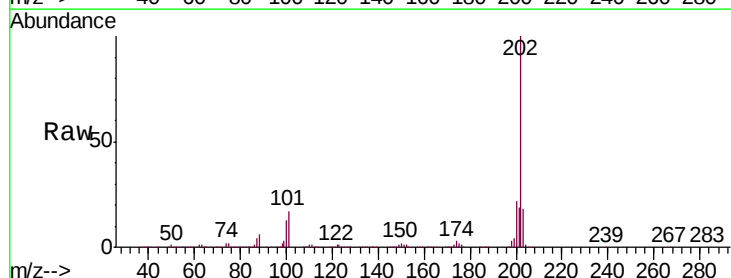
Tgt Ion:202 Resp: 1499361

Ion Ratio Lower Upper

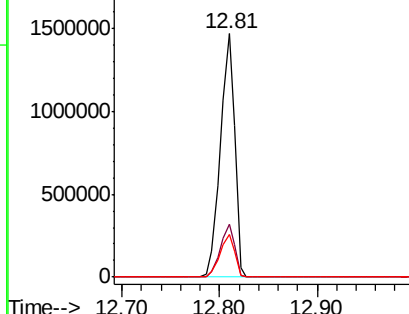
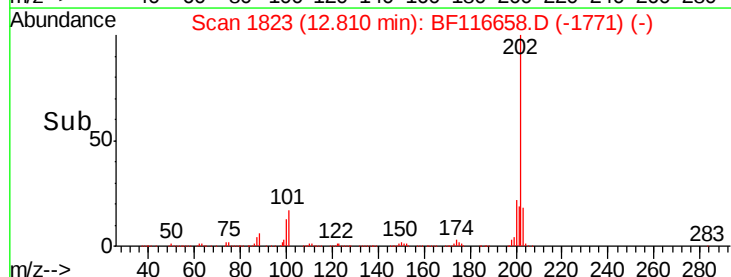
202 100

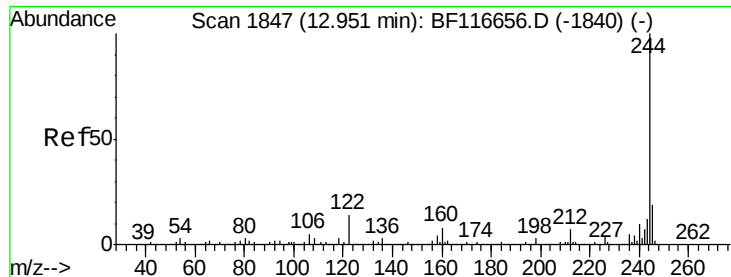
200 21.9 16.5 24.7

203 17.8 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

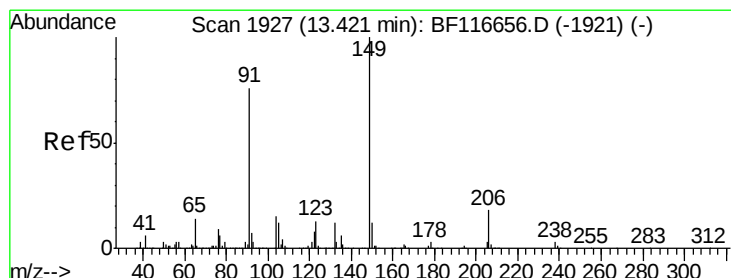
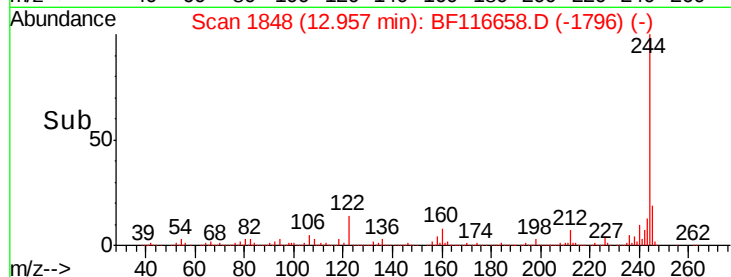
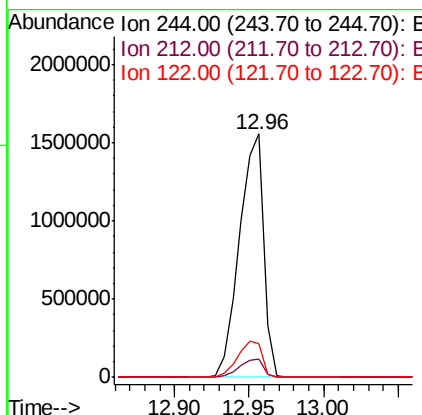
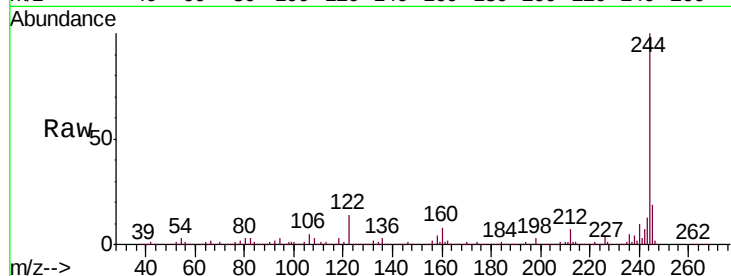




#79
 Terphenyl-d14
 Concen: 99.695 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. 0.01 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

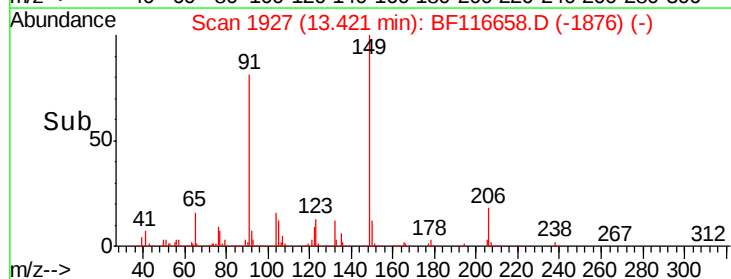
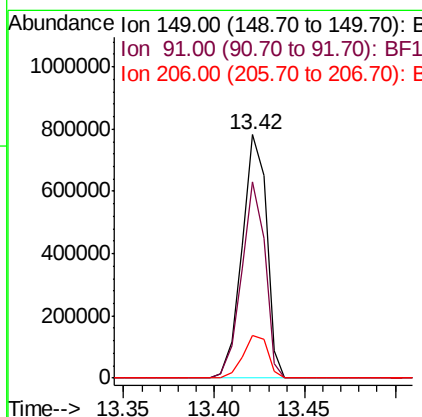
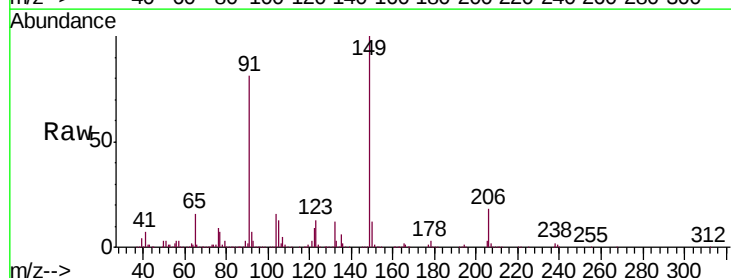
Instrument :
 BNA_F
 ClientSampleId :

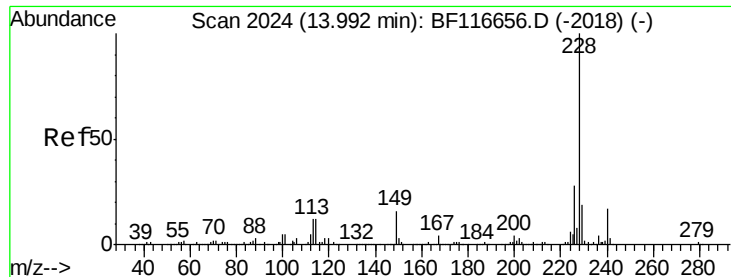
Tot Ion:244 Resp: 1756009
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 13.7 10.2 15.4



#80
 Butylbenzylphthalate
 Concen: 65.407 ng
 RT: 13.42 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

Tgt Ion:149 Resp: 734218
 Ion Ratio Lower Upper
 149 100
 91 80.9 61.0 91.4
 206 17.5 14.8 22.2





#81

Benzo(a)anthracene

Concen: 52.469 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampled :

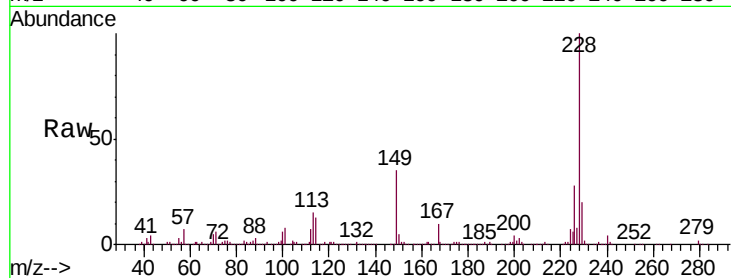
Tot Ion:228 Resp: 1014054

Ion Ratio Lower Upper

228 100

226 28.2 22.0 33.0

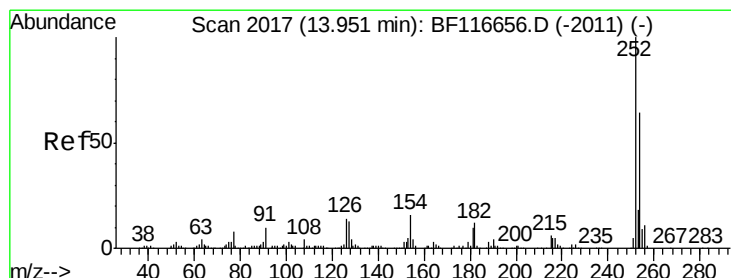
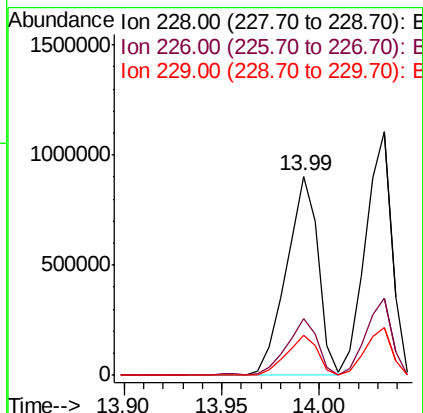
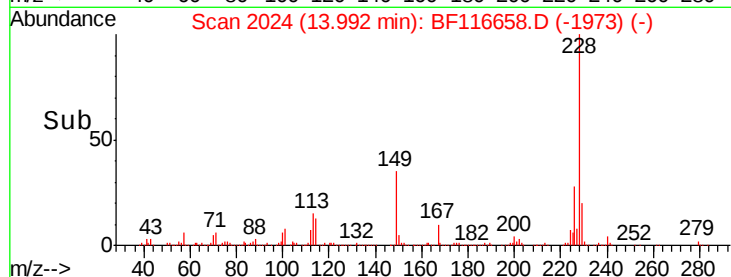
229 20.1 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 53.817 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

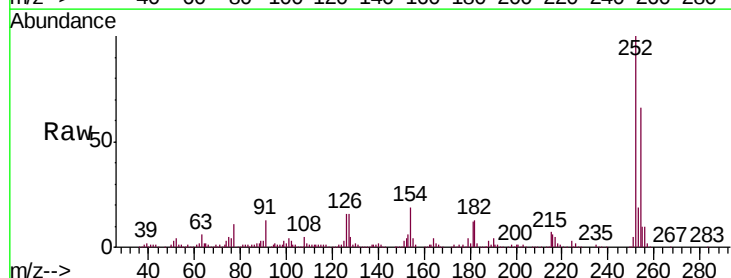
Tgt Ion:252 Resp: 342249

Ion Ratio Lower Upper

252 100

254 65.8 50.1 75.1

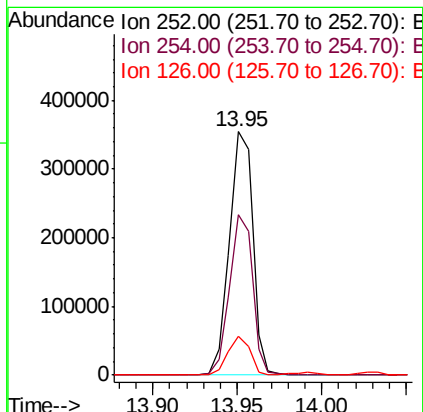
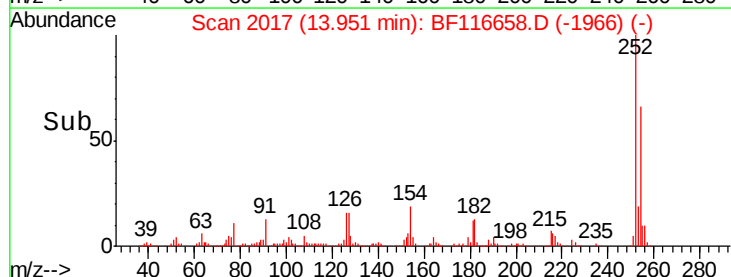
126 16.0 10.6 16.0

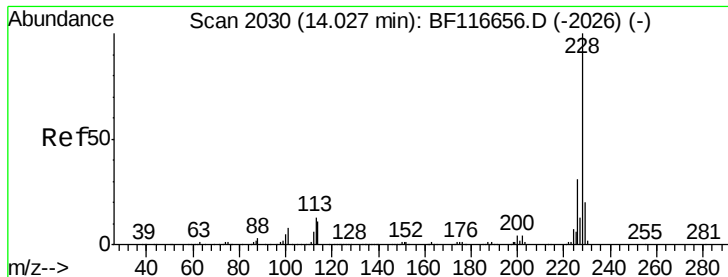


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

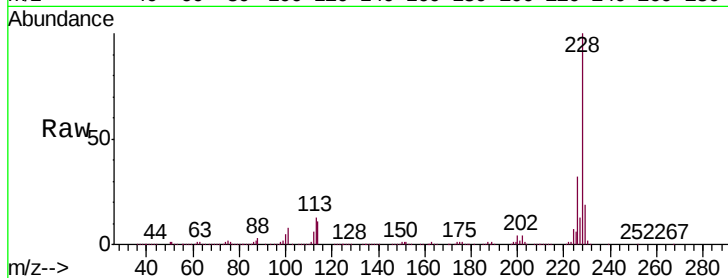




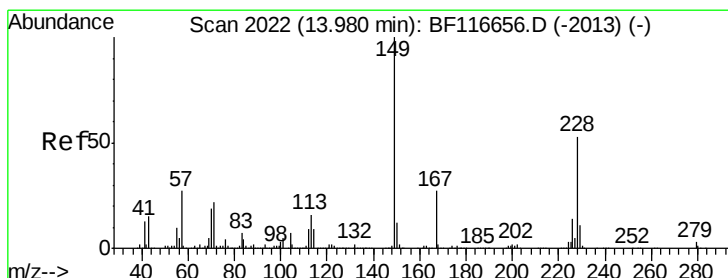
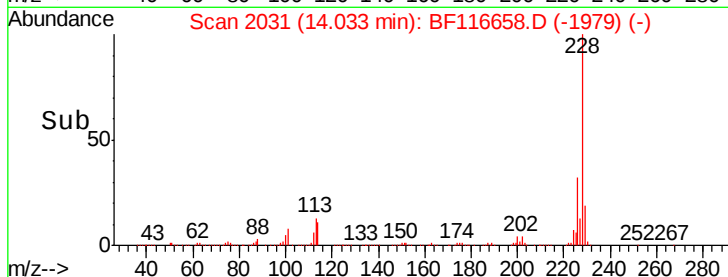
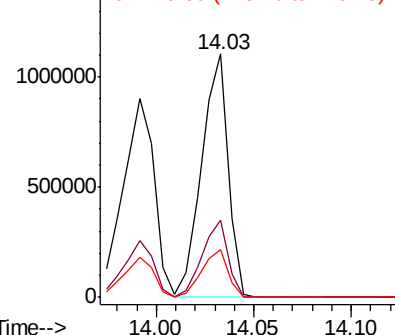
#83
 Chrvsene
 Concen: 55.144 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:228 Resp: 1038557
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.0 36.0
 229 19.5 15.4 23.0

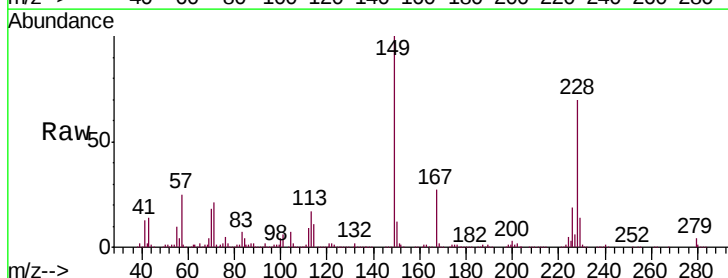


Abundance Ion 228.00 (227.70 to 228.70): E
 1500000 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

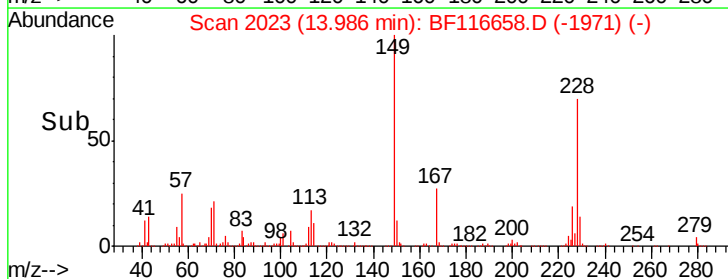
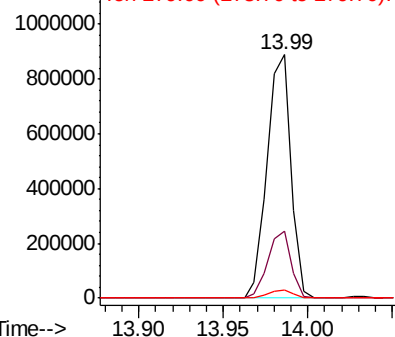


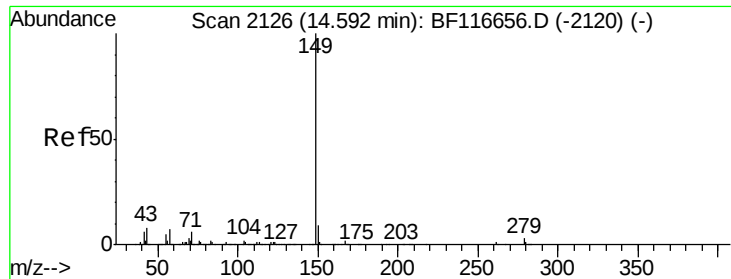
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.105 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF116658.D
 Acq: 30 Aug 2019 18:17

Tgt Ion:149 Resp: 878180
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.0 31.4
 279 3.5 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E
 1200000 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 66.210 ng

RT: 14.59 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

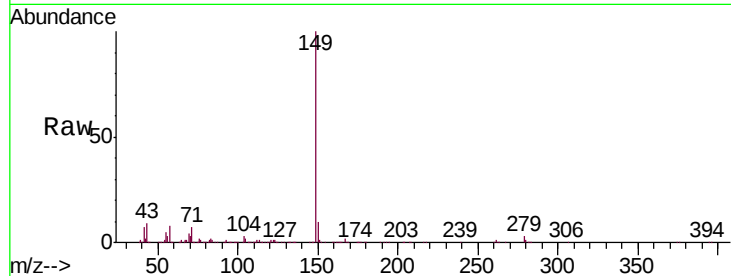
Tot Ion:149 Resp: 1435882

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

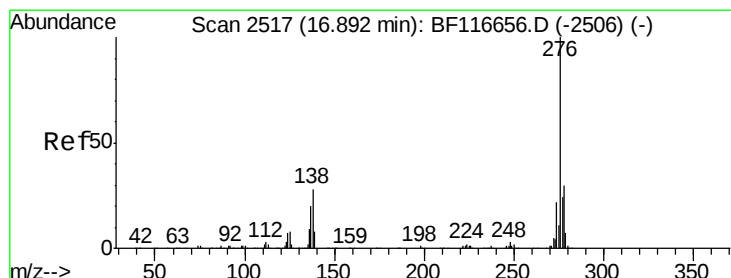
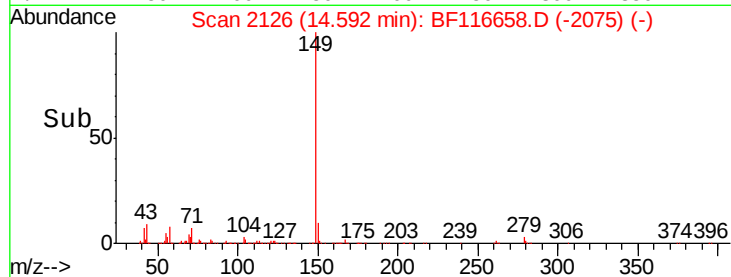
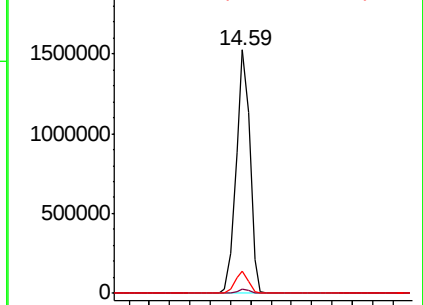
43 8.7 7.8 11.8



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: 56.391 ng

RT: 16.90 min Scan# 2519

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

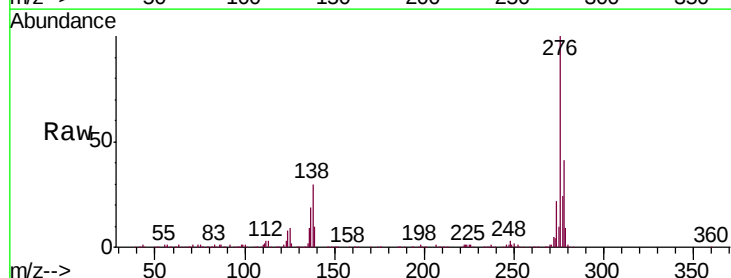
Tgt Ion:276 Resp: 920281

Ion Ratio Lower Upper

276 100

138 31.4 19.4 29.2#

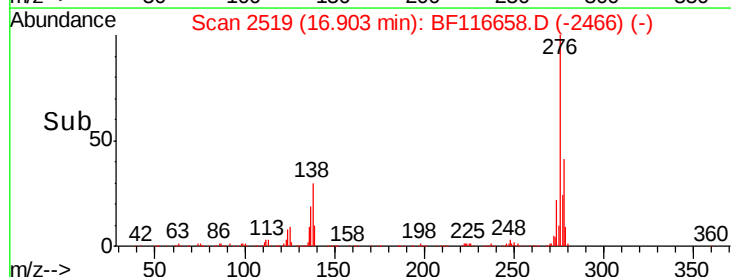
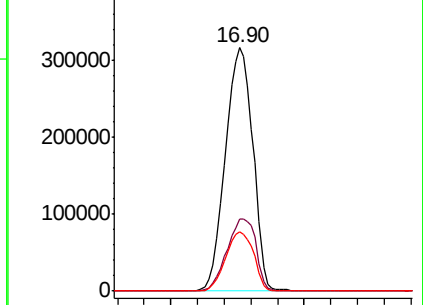
277 25.0 20.5 30.7



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: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampleId :

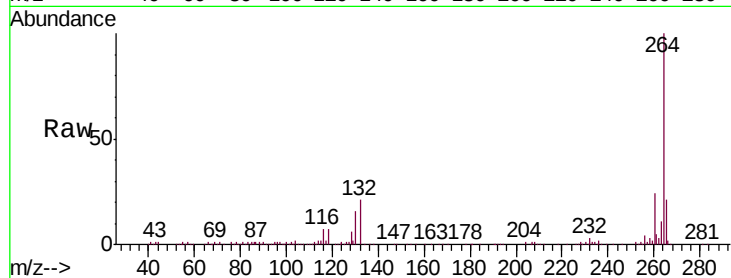
Tot Ion:264 Resp: 263823

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

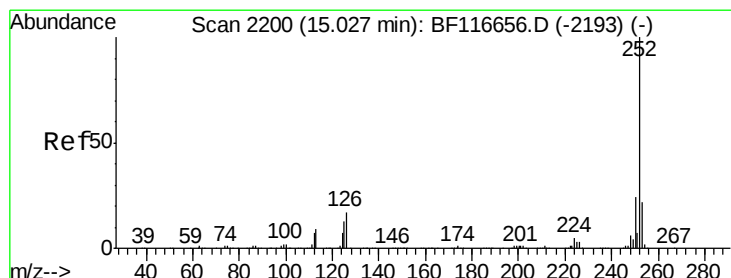
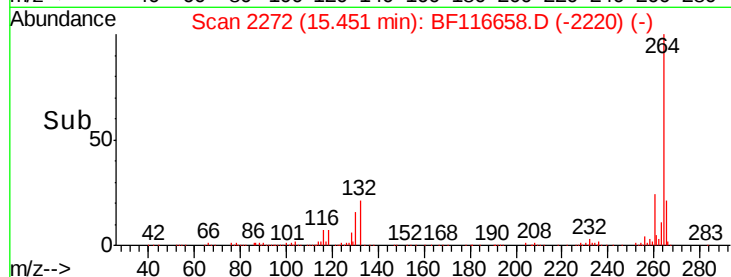
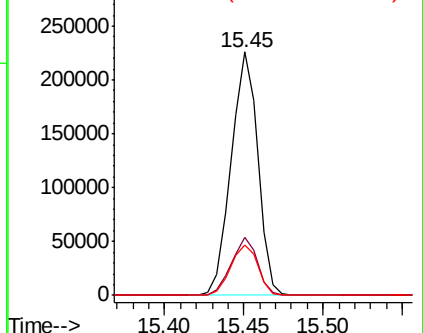
265 20.8 16.5 24.7



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: 51.641 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

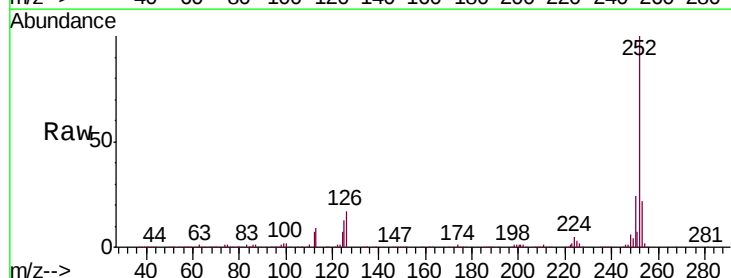
Tgt Ion:252 Resp: 862678

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

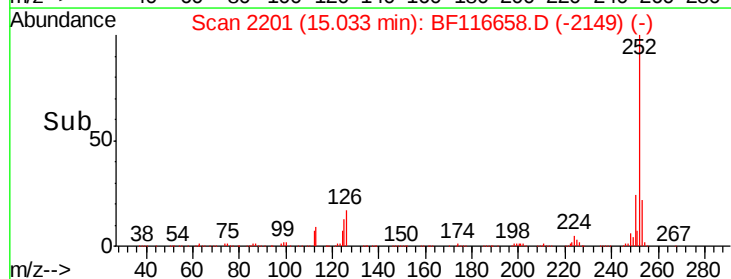
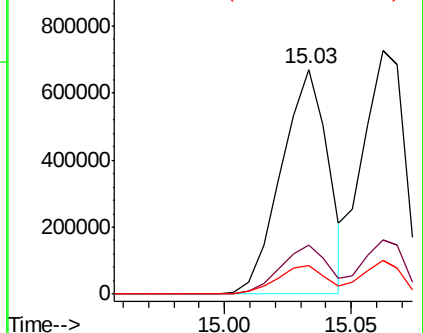
125 12.9 8.2 12.2#

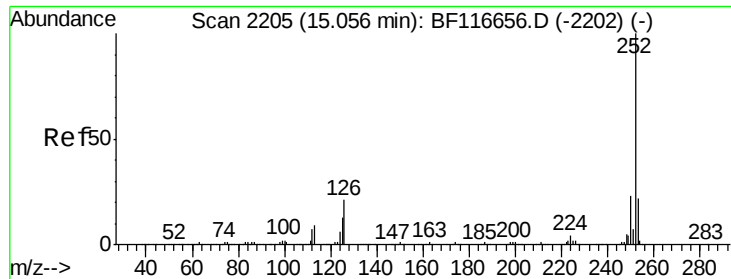


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

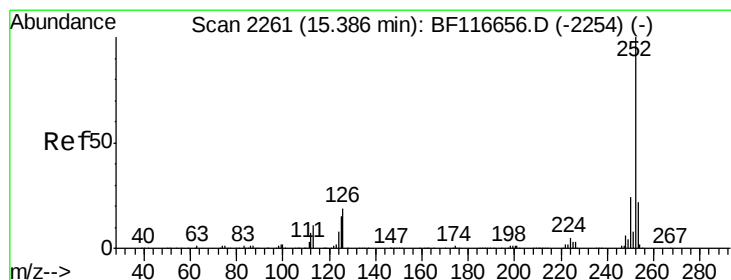
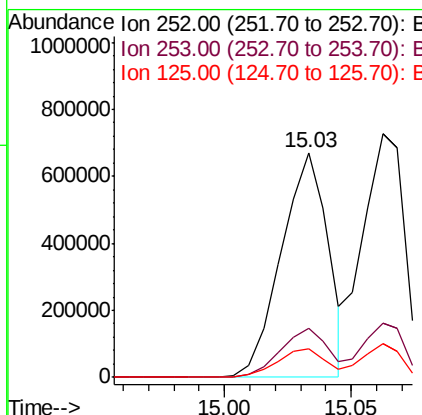
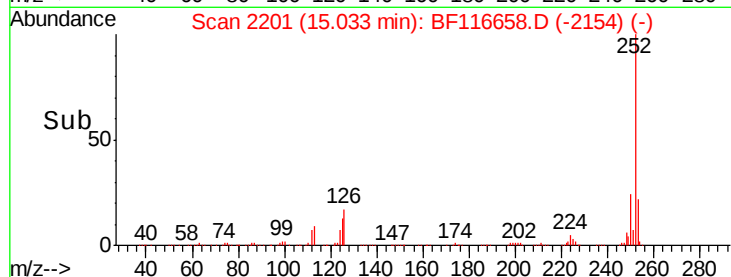
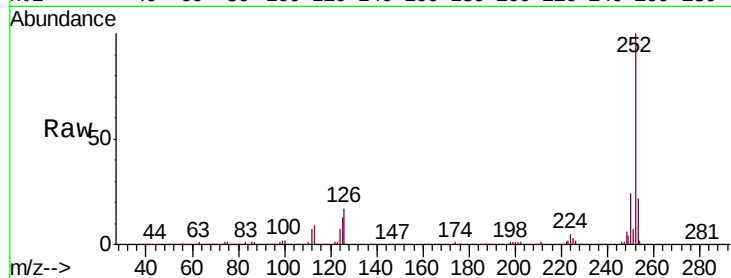




#89
Benzo(k)fluoranthene
Concen: 53.775 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

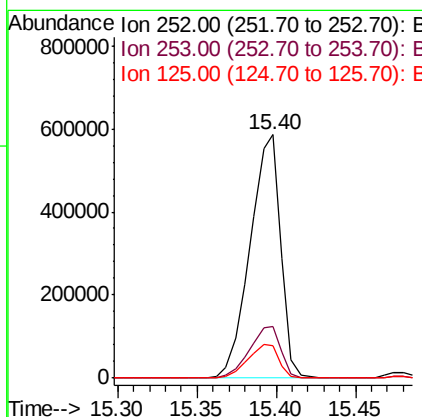
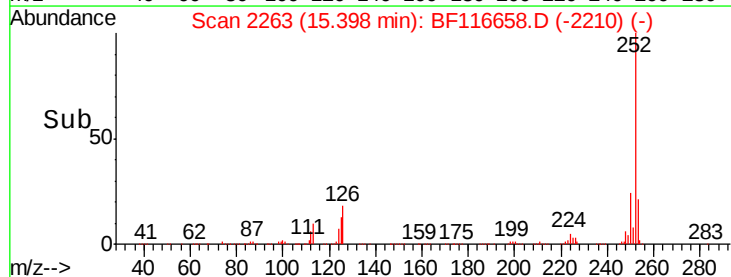
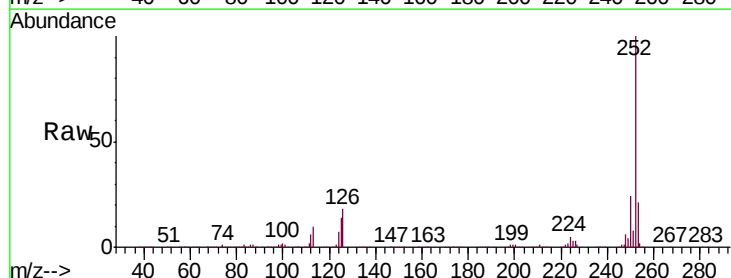
Instrument :
BNA_F
ClientSampleId :

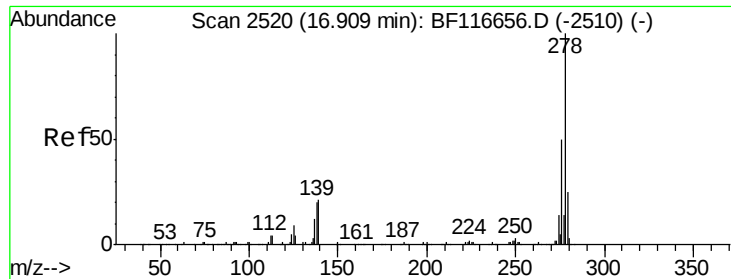
Tot Ion:252 Resp: 862678
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.9 8.6 13.0



#90
Benzo(a)pyrene
Concen: 53.930 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF116658.D
Acq: 30 Aug 2019 18:17

Tgt Ion:252 Resp: 787290
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 13.5 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 47.483 ng

RT: 16.93 min Scan# 2523

Delta R.T. 0.02 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

Instrument :

BNA_F

ClientSampled :

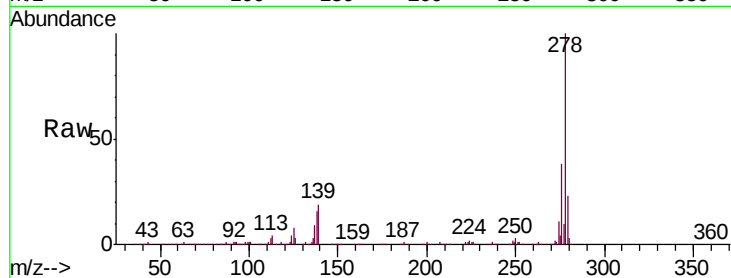
Tot Ion:278 Resp: 727058

Ion Ratio Lower Upper

278 100

139 18.7 12.4 18.6#

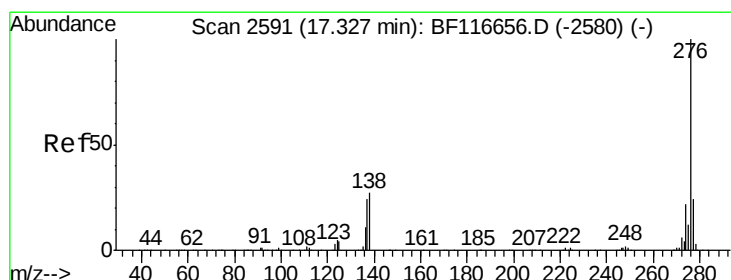
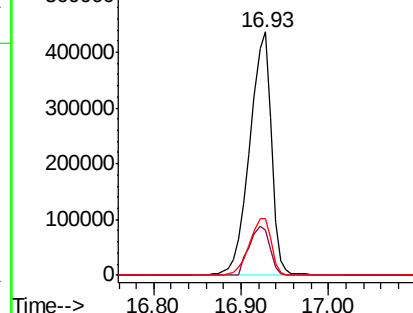
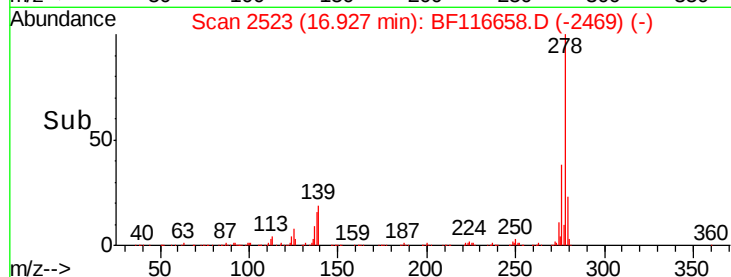
279 23.3 18.2 27.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.944 ng

RT: 17.34 min Scan# 2594

Delta R.T. 0.02 min

Lab File: BF116658.D

Acq: 30 Aug 2019 18:17

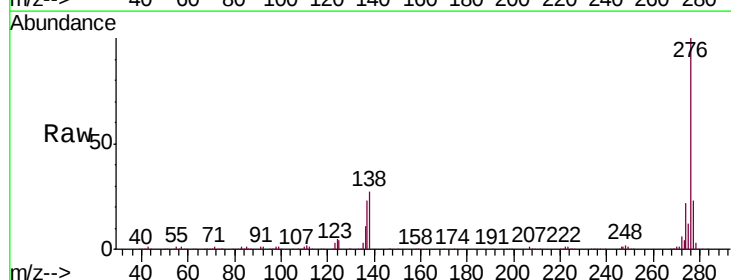
Tgt Ion:276 Resp: 776538

Ion Ratio Lower Upper

276 100

277 23.4 18.5 27.7

138 27.4 16.2 24.2#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

