

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
 Data File : BF115455.D
 Acq On : 10 Jul 2019 15:05
 Operator : HP/JU
 Sample : K3636-05MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MS

Quant Time: Jul 10 16:55:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	154611	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	610118	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	306237	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	607065	20.00	ng	0.00
76) Chrysene-d12	14.06	240	410260	20.00	ng	0.00
87) Perylene-d12	15.54	264	419732	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	569918	56.95	ng	0.00
7) Phenol-d6	6.52	99	486303	38.21	ng	0.00
23) Nitrobenzene-d5	7.46	82	914770	88.59	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	376055	111.06	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1575977	90.30	ng	0.00
79) Terphenyl-d14	13.00	244	1704516	85.07	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	73956	15.067	ng	98
3) Pyridine	3.46	79	251194	18.507	ng	99
4) n-Nitrosodimethylamine	3.39	42	74555	13.546	ng	96
6) Aniline	6.55	93	379114	21.109	ng	99
8) 2-Chlorophenol	6.68	128	361354	31.980	ng	95
9) Benzaldehyde	6.44	77	255950	33.906	ng	98
10) Phenol	6.53	94	191982	12.608	ng	97
11) bis(2-Chloroethyl)ether	6.63	93	412195	36.489	ng	99
12) 1,3-Dichlorobenzene	6.84	146	460422	37.192	ng	98
13) 1,4-Dichlorobenzene	6.91	146	473096	38.153	ng	99
14) 1,2-Dichlorobenzene	7.07	146	442015	38.501	ng	97
15) Benzyl Alcohol	7.03	79	254678	24.938	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	551388	34.909	ng	98
17) 2-Methylphenol	7.14	107	253005	26.136	ng	99
18) Hexachloroethane	7.41	117	170481	36.906	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	303587	35.259	ng	94
20) 3+4-Methylphenols	7.29	107	279714	24.462	ng	# 79
22) Acetophenone	7.30	105	597601	40.877	ng	# 97
24) Nitrobenzene	7.47	77	472346	40.502	ng	98
25) Isophorone	7.72	82	854350	38.170	ng	99
26) 2-Nitrophenol	7.79	139	220686	46.028	ng	96
27) 2,4-Dimethylphenol	7.83	122	320272	35.031	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	521221	37.764	ng	99
29) 2,4-Dichlorophenol	8.03	162	349210	38.349	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	408644	40.311	ng	99
31) Naphthalene	8.20	128	1233931	40.718	ng	100
32) Benzoic acid	7.83	122	320272	48.076	ng	# 14
33) 4-Chloroaniline	8.24	127	297906	22.033	ng	98
34) Hexachlorobutadiene	8.32	225	225616	39.244	ng	99
35) Caprolactam	8.60	113	17826	6.011	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	345981	35.921	ng	99
37) 2-Methylnaphthalene	8.89	142	828797	40.917	ng	98
38) 1-Methylnaphthalene	8.99	142	778698	40.292	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	374026	42.455	ng	99

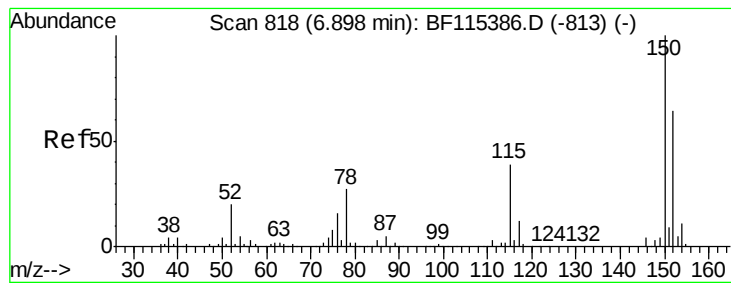
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	414992	81.272	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	246830	38.483	ng	99
44) 2,4,5-Trichlorophenol	9.20	196	257293	38.686	ng	99
46) 1,1'-Biphenyl	9.36	154	1023922	42.531	ng	98
47) 2-Chloronaphthalene	9.38	162	808549	40.636	ng	99
48) 2-Nitroaniline	9.47	65	251083	42.951	ng	97
49) Acenaphthylene	9.80	152	1245857	41.356	ng	99
50) Dimethylphthalate	9.66	163	1043626	45.404	ng	99
51) 2,6-Dinitrotoluene	9.71	165	222751	44.684	ng	98
52) Acenaphthene	9.97	154	749270	39.519	ng	99
53) 3-Nitroaniline	9.87	138	174044	30.060	ng	93
54) 2,4-Dinitrophenol	9.98	184	30015	21.934	ng	# 51
55) Dibenzofuran	10.14	168	1140787	42.714	ng	100
56) 4-Nitrophenol	10.03	139	127038	28.360	ng	98
57) 2,4-Dinitrotoluene	10.12	165	295582	46.657	ng	# 86
58) Fluorene	10.48	166	814678	38.695	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	195660	34.055	ng	99
60) Diethylphthalate	10.35	149	920179	40.672	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	418063	40.684	ng	96
62) 4-Nitroaniline	10.49	138	232251	40.867	ng	99
63) Azobenzene	10.63	77	912323	39.120	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	61035	25.396	ng	94
66) n-Nitrosodiphenylamine	10.59	169	776675	40.605	ng	100
67) 4-Bromophenyl-phenylether	10.96	248	270627	39.730	ng	96
68) Hexachlorobenzene	11.03	284	307297	40.203	ng	96
69) Atrazine	11.12	200	257629	43.522	ng	99
70) Pentachlorophenol	11.22	266	218223	46.847	ng	99
71) Phenanthrene	11.45	178	1291778	40.460	ng	100
72) Anthracene	11.50	178	1349099	42.139	ng	100
73) Carbazole	11.65	167	1212939	41.412	ng	100
74) Di-n-butylphthalate	11.98	149	1405696	39.712	ng	99
75) Fluoranthene	12.63	202	1380173	41.057	ng	98
77) Benzidine	12.74	184	364839	22.804	ng	97
78) Pyrene	12.86	202	1394779	43.718	ng	99
80) Butylbenzylphthalate	13.48	149	590866	42.388	ng	94
81) Benzo(a)anthracene	14.05	228	1095317	41.668	ng	98
82) 3,3'-Dichlorobenzidine	14.01	252	293804	30.803	ng	96
83) Chrysene	14.09	228	1140423	42.224	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	711202	41.199	ng	99
85) Di-n-octyl phthalate	14.66	149	1188892	38.687	ng	99
86) Indeno(1,2,3-cd)pyrene	17.04	276	1250925	58.290	ng	100
88) Benzo(b)fluoranthene	15.12	252	1020124	37.328	ng	100
89) Benzo(k)fluoranthene	15.14	252	1028644	42.324	ng	99
90) Benzo(a)pyrene	15.49	252	989032	41.960	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	1043598	51.812	ng	99
92) Benzo(g,h,i)perylene	17.50	276	1079213	56.608	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF115455.D

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SP19-JMW0991MS

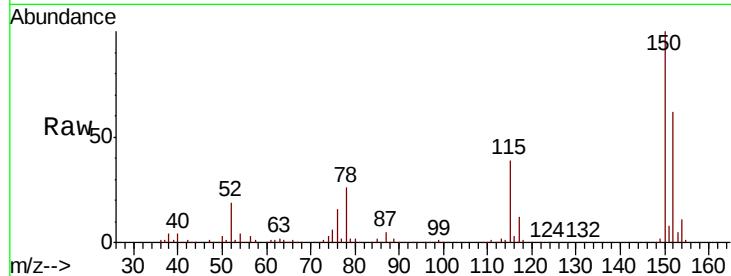
Tot Ion:152 Resp: 154611

Ion Ratio Lower Upper

152 100

150 160.5 127.4 191.2

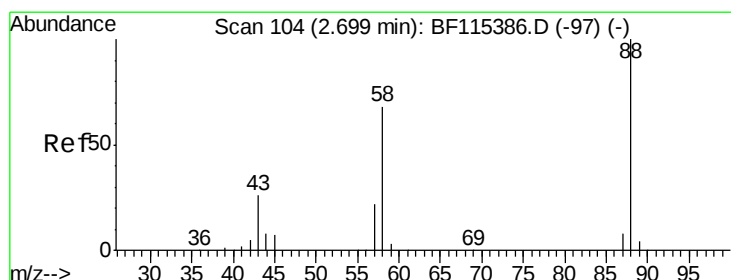
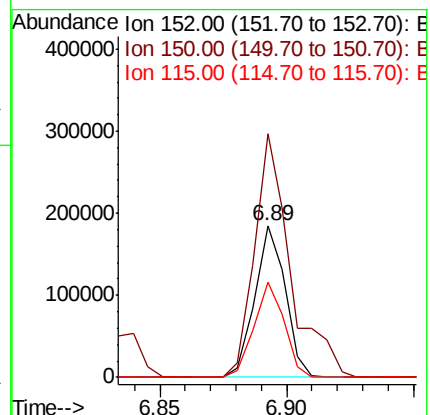
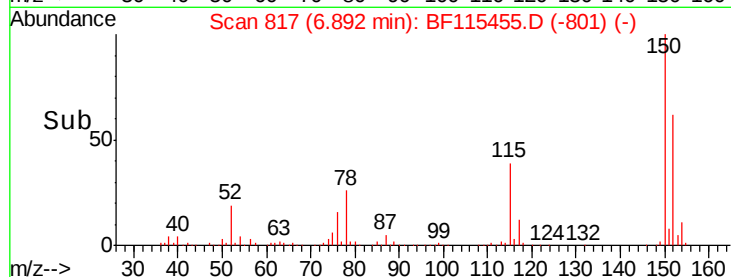
115 62.8 46.2 69.4



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: 15.067 ng

RT: 2.70 min Scan# 104

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

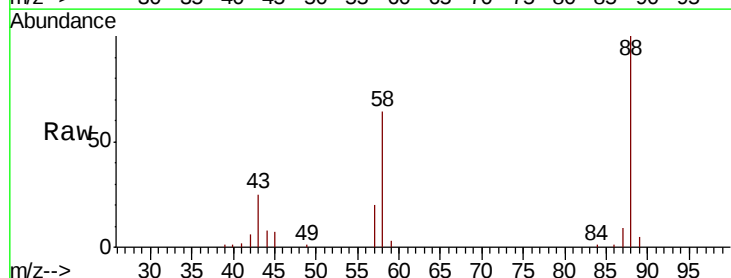
Tgt Ion: 88 Resp: 73956

Ion Ratio Lower Upper

88 100

58 66.6 52.5 78.7

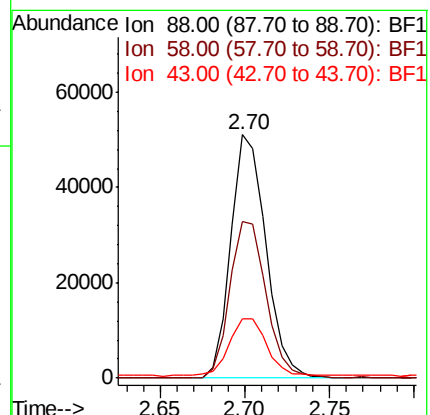
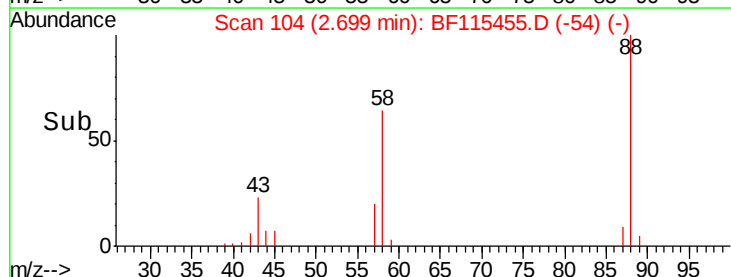
43 25.3 19.0 28.6

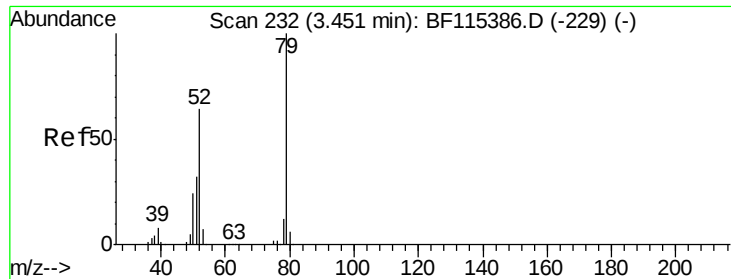


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 18.507 ng

RT: 3.46 min Scan# 234

Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

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ClientSampleId :

SP19-JMW0991MS

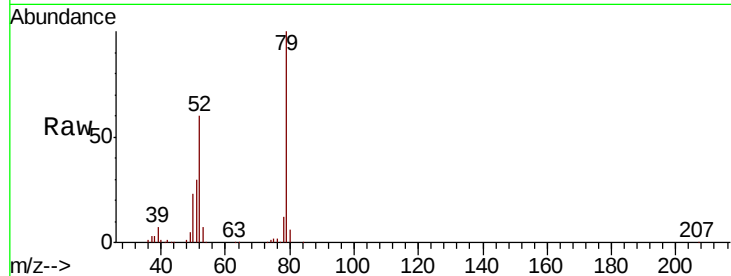
Tot Ion: 79 Resp: 251194

Ion Ratio Lower Upper

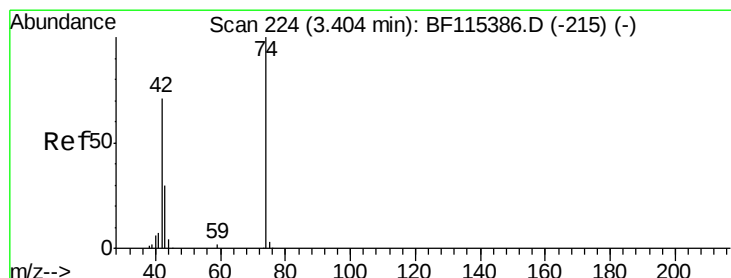
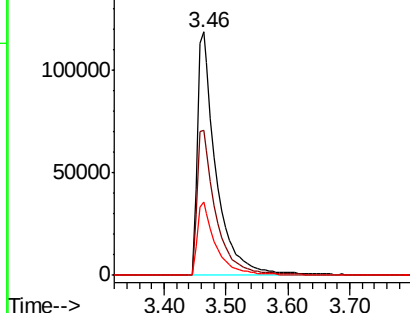
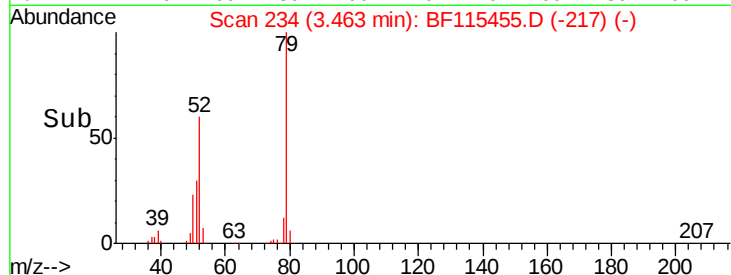
79 100

52 59.7 48.2 72.2

51 30.0 23.2 34.8



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: 13.546 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.03 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

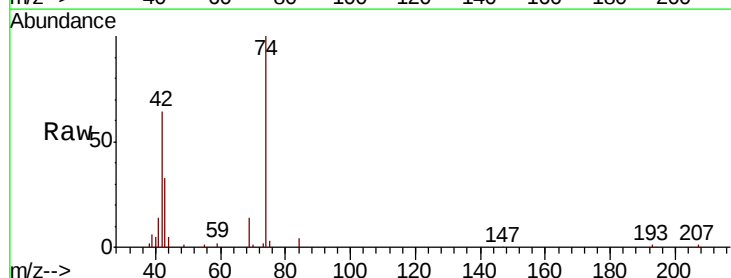
Tgt Ion: 42 Resp: 74555

Ion Ratio Lower Upper

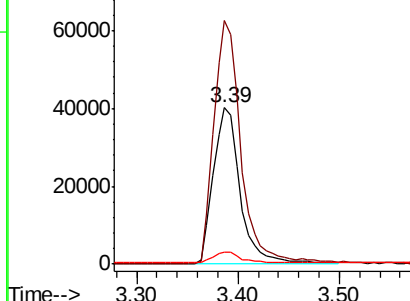
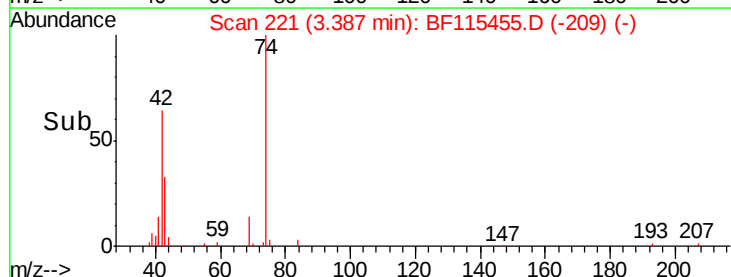
42 100

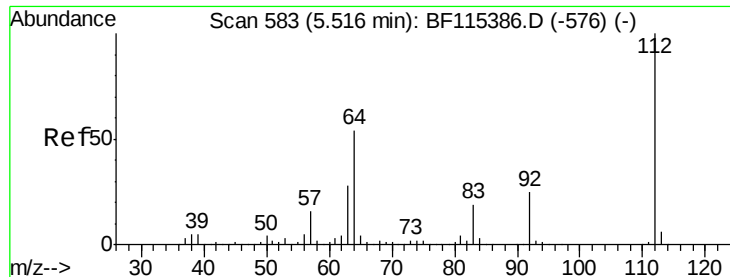
74 155.8 128.5 192.7

44 7.9 5.3 7.9



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: 56.952 ng

RT: 5.51 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

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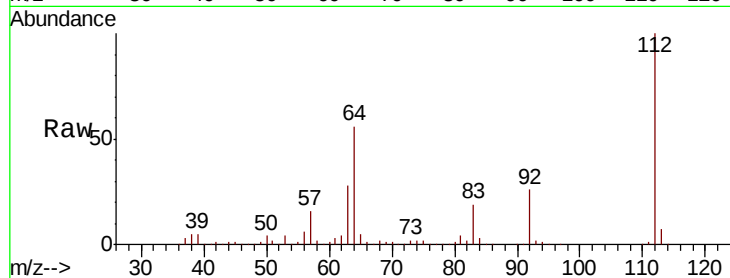
Tot Ion: 112 Resp: 569918

Ion Ratio Lower Upper

112 100

64 56.3 44.2 66.2

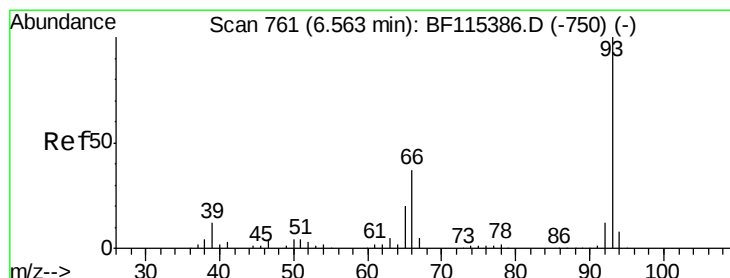
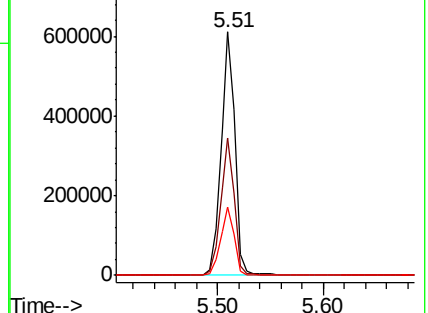
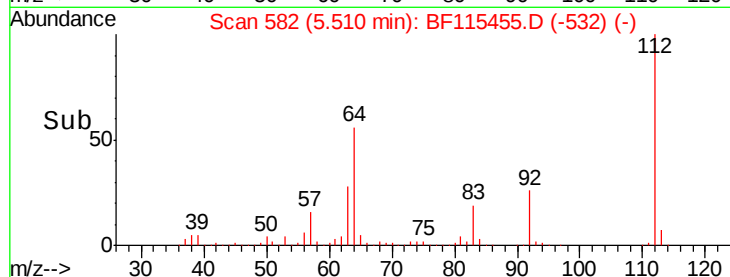
63 28.2 22.1 33.1



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: 21.109 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

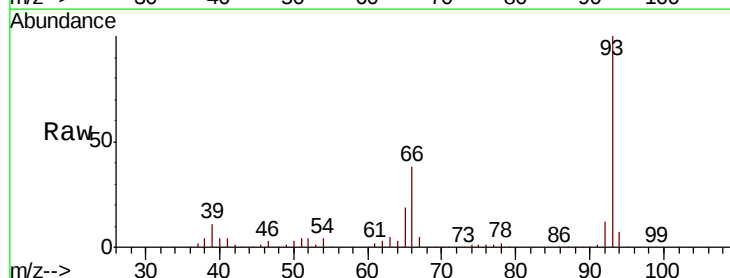
Tgt Ion: 93 Resp: 379114

Ion Ratio Lower Upper

93 100

66 38.3 31.3 46.9

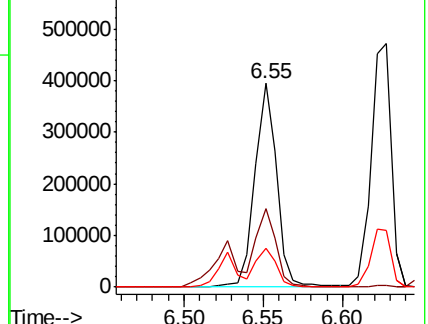
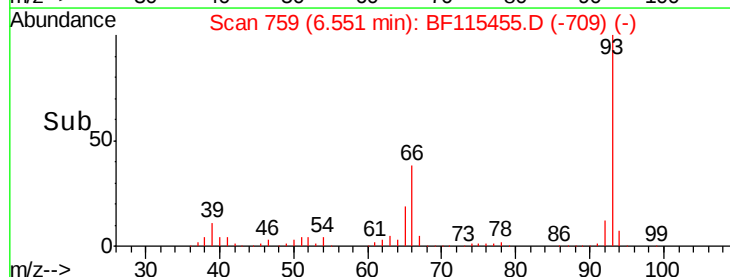
65 19.3 15.9 23.9

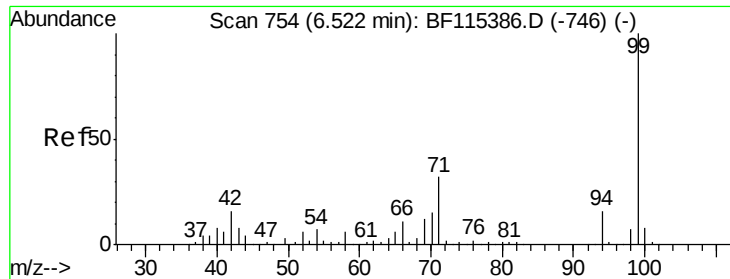


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 38.211 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

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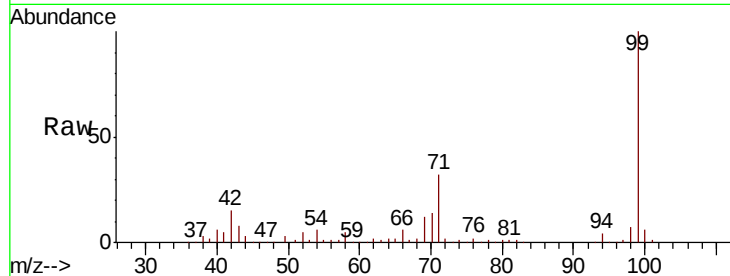
Tot Ion: 99 Resp: 486303

Ion Ratio Lower Upper

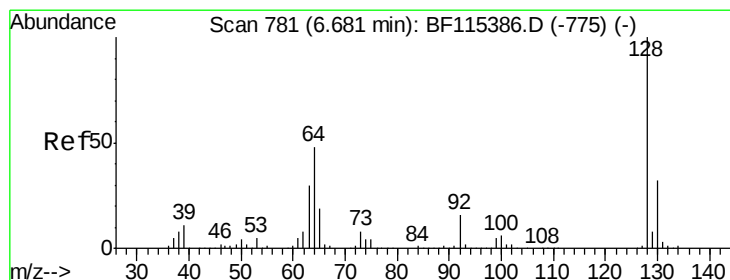
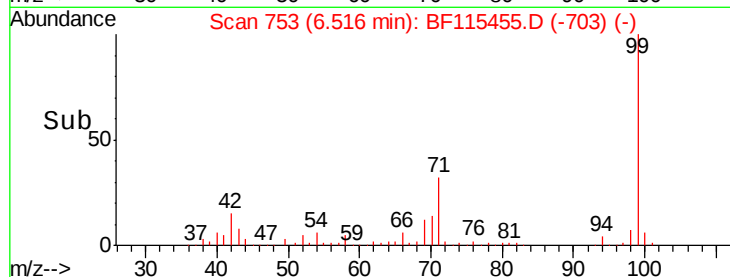
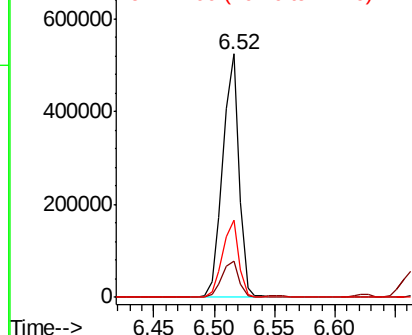
99 100

42 14.9 12.8 19.2

71 31.9 26.5 39.7



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: 31.980 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

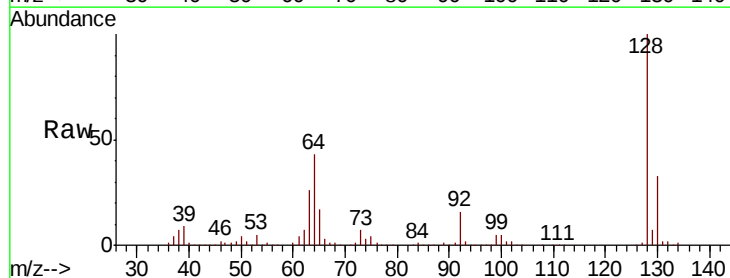
Tgt Ion: 128 Resp: 361354

Ion Ratio Lower Upper

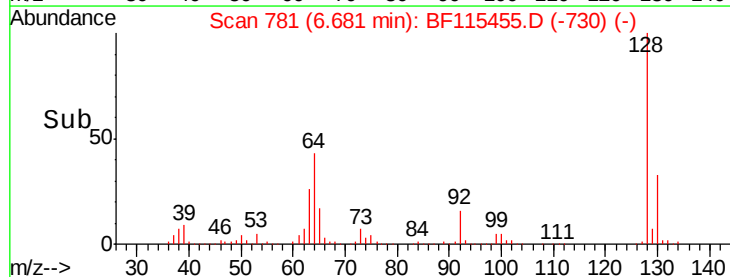
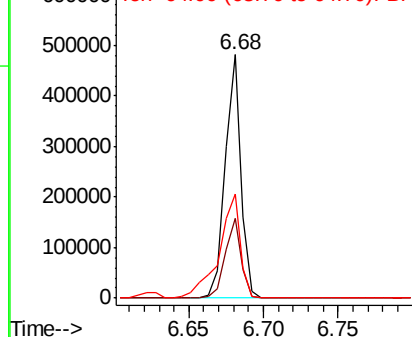
128 100

130 32.9 11.8 51.8

64 42.6 27.0 67.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.906 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115455.D

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SP19-JMW0991MS

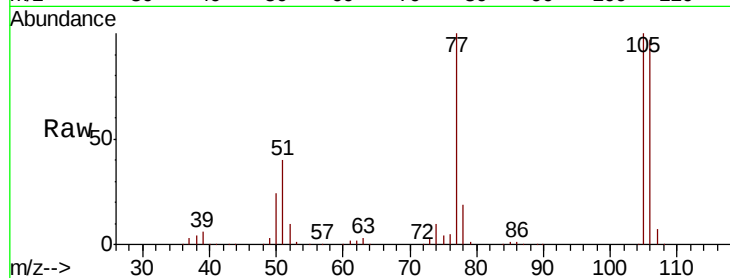
Tot Ion: 77 Resp: 255950

Ion Ratio Lower Upper

77 100

105 100.5 82.9 122.9

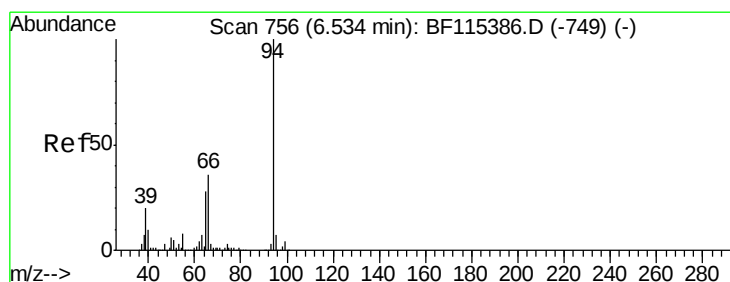
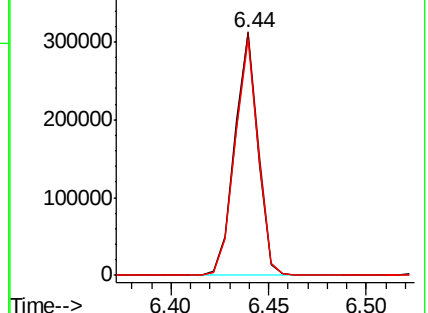
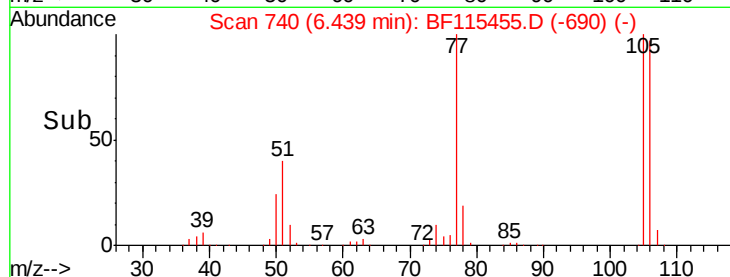
106 97.2 77.8 117.8



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: 12.608 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

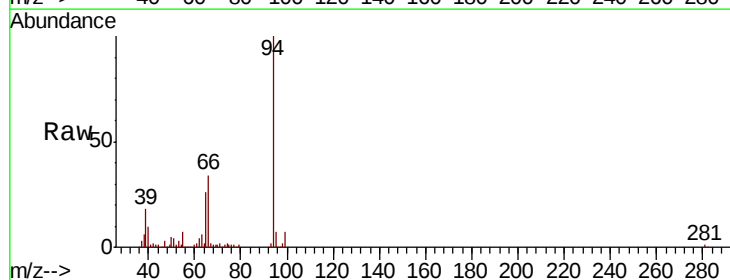
Tgt Ion: 94 Resp: 191982

Ion Ratio Lower Upper

94 100

65 26.4 7.2 47.2

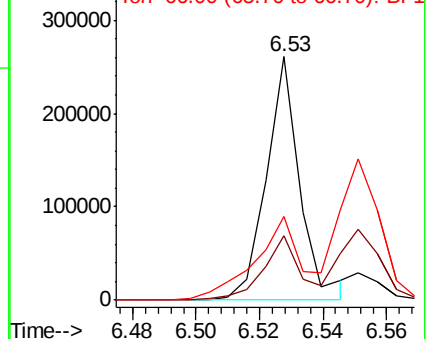
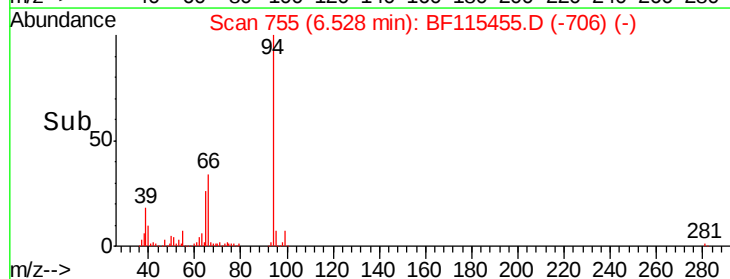
66 34.2 16.9 56.9

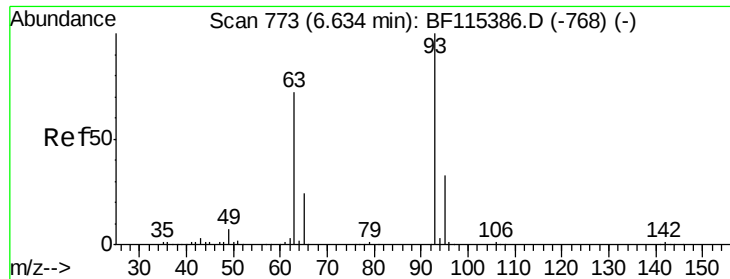


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

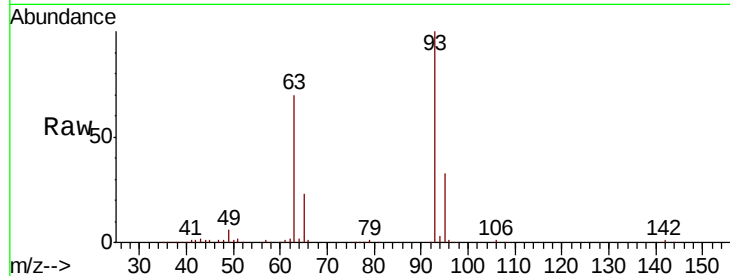




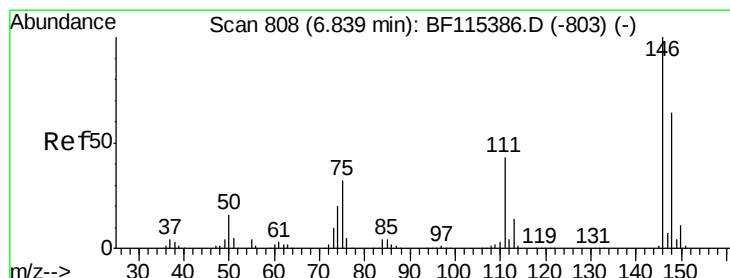
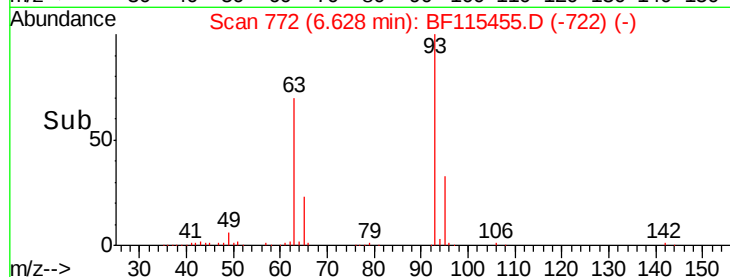
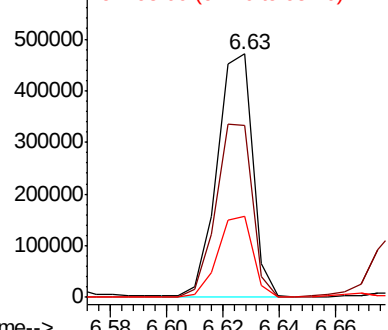
#11
bis(2-Chloroethyl)ether
Concen: 36.489 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:	93	Resp:	412195
Ion	Ratio	Lower	Upper
93	100		
63	70.4	50.0	90.0
95	33.3	12.6	52.6

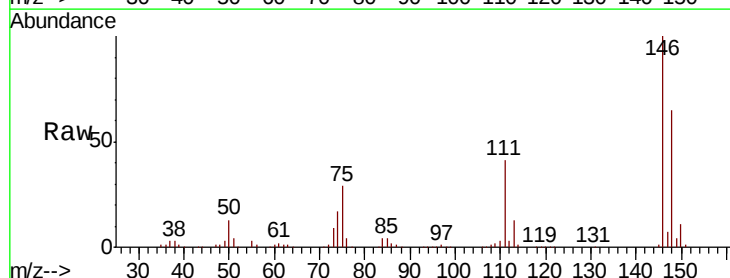


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

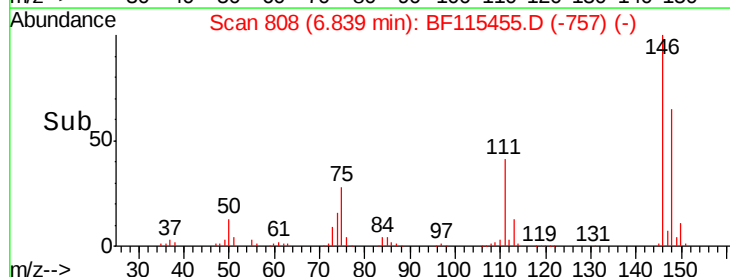
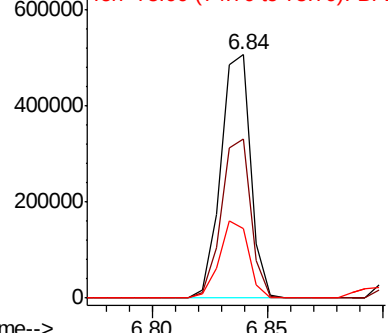


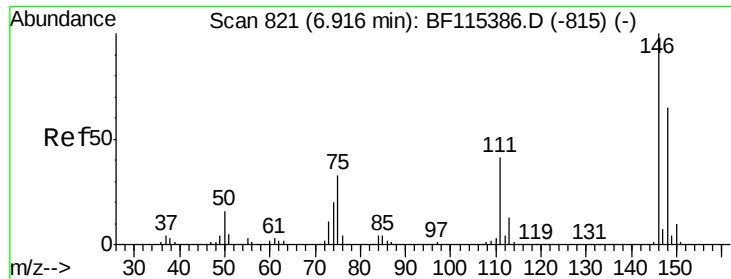
#12
1,3-Dichlorobenzene
Concen: 37.192 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:	146	Resp:	460422
Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.3	78.5
75	28.5	24.8	37.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

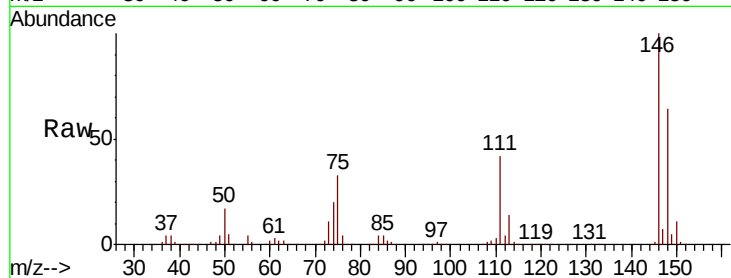




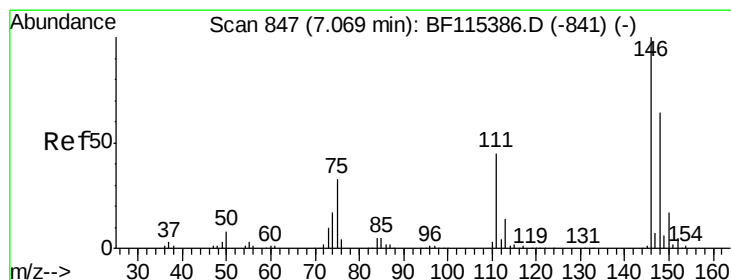
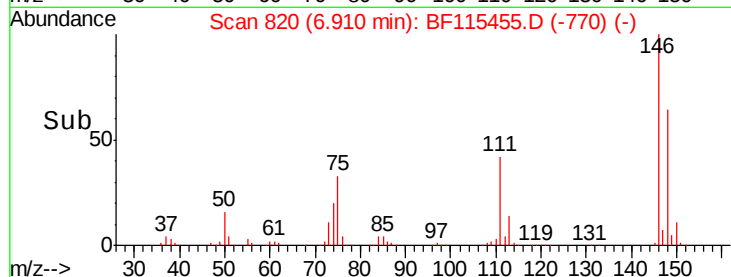
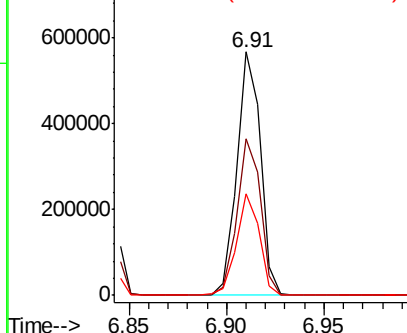
#13
1,4-Dichlorobenzene
Concen: 38.153 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:146 Resp: 473096
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
111 41.6 32.1 48.1

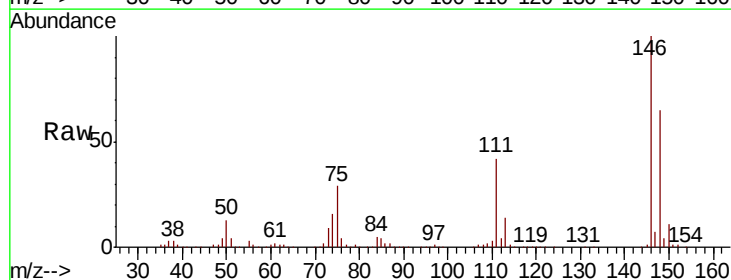


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

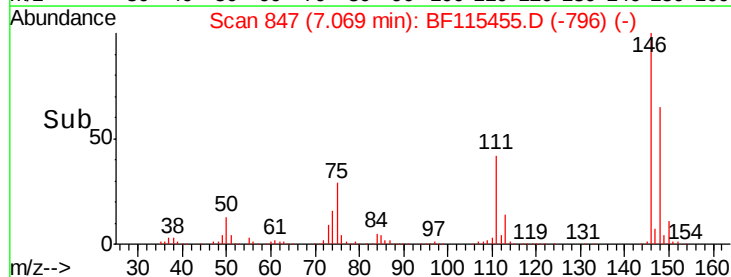
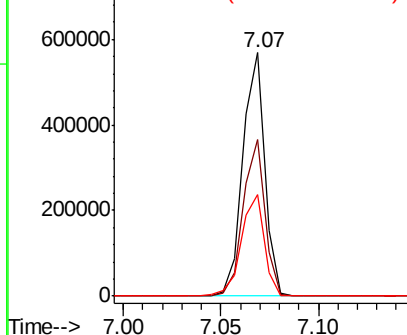


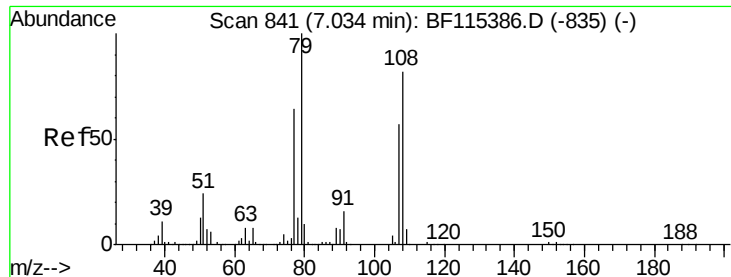
#14
1,2-Dichlorobenzene
Concen: 38.501 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:146 Resp: 442015
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
111 41.7 35.4 53.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.938 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

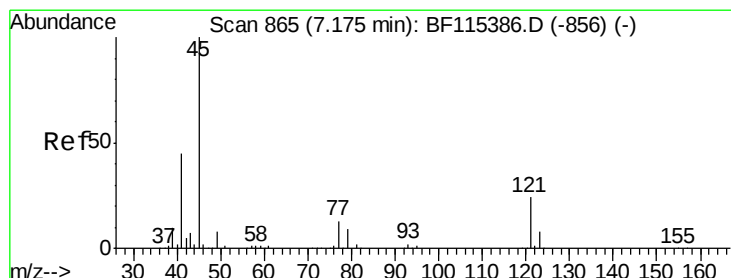
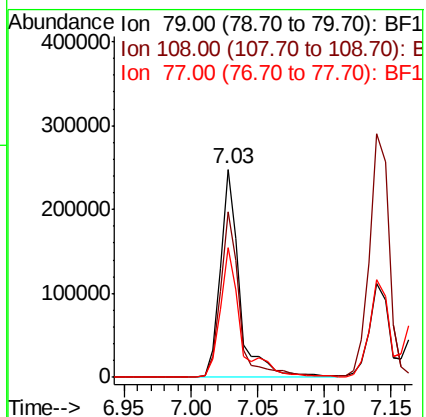
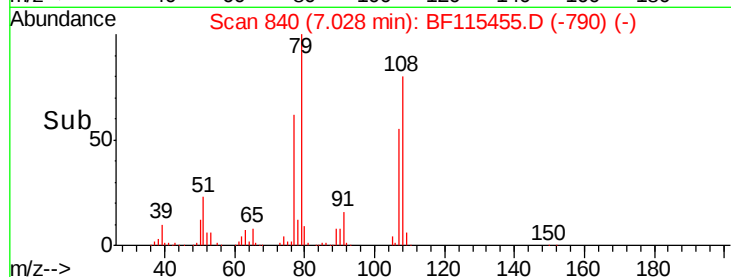
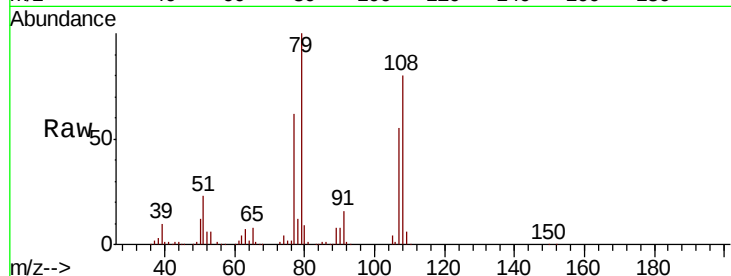
Tot Ion: 79 Resp: 254678

Ion Ratio Lower Upper

79 100

108 79.6 65.3 97.9

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.909 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

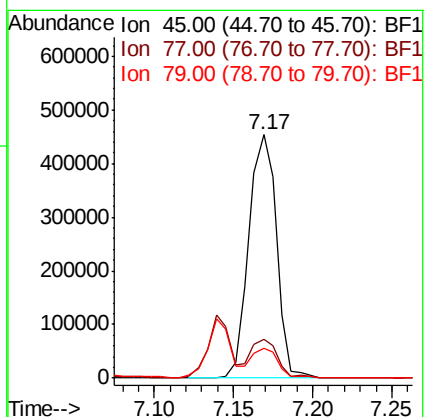
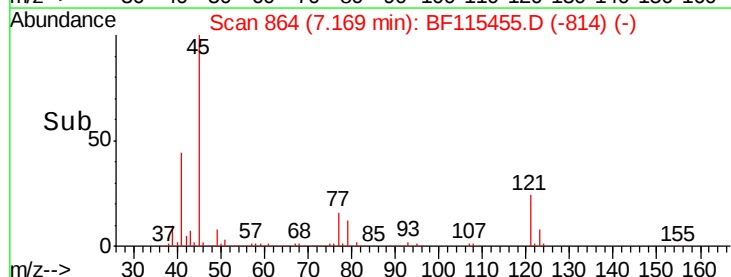
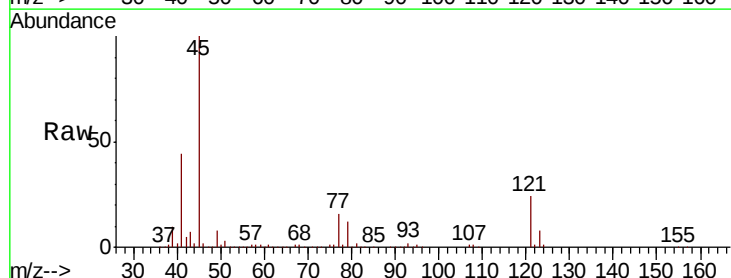
Tgt Ion: 45 Resp: 551388

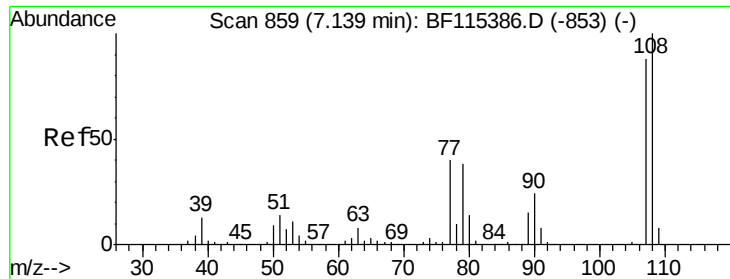
Ion Ratio Lower Upper

45 100

77 16.1 0.0 36.4

79 12.2 0.0 33.4

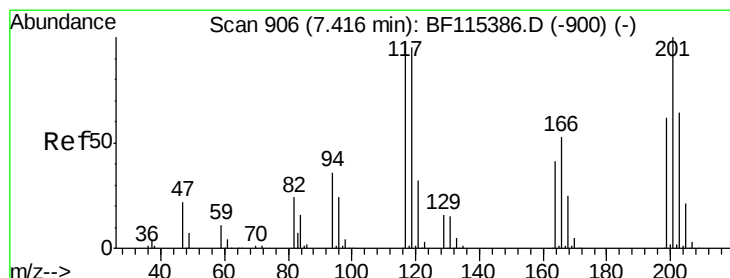
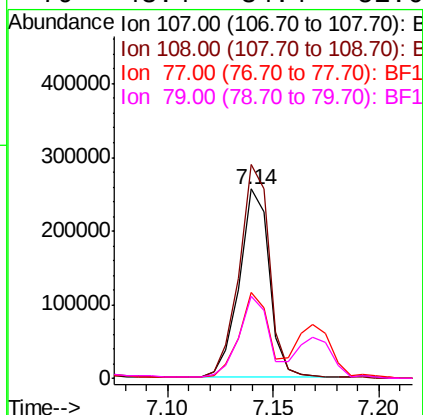
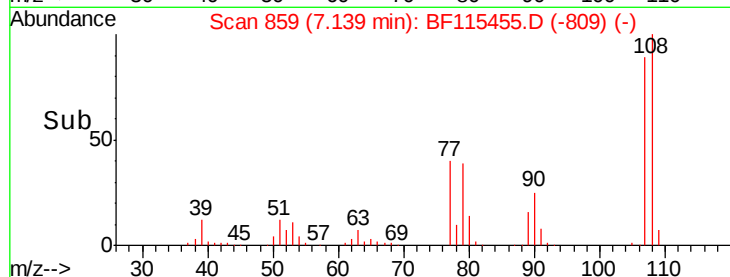
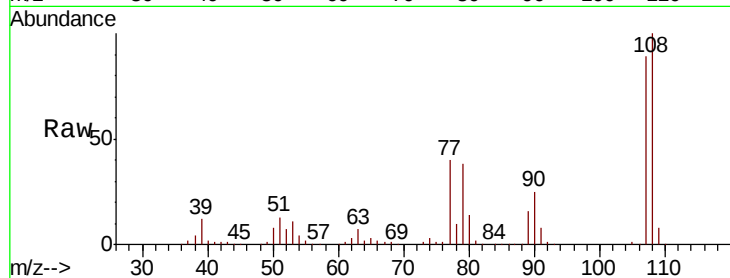




#17
2-Methylphenol
Concen: 26.136 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

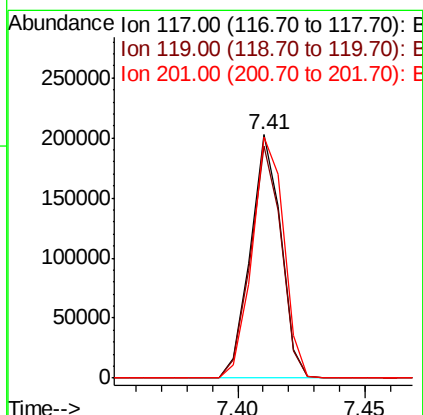
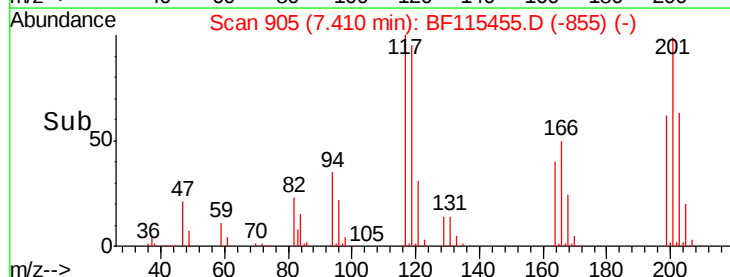
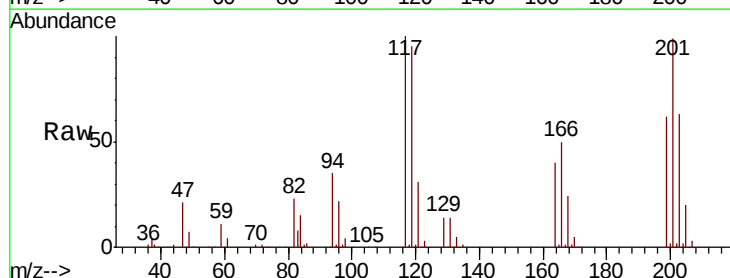
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

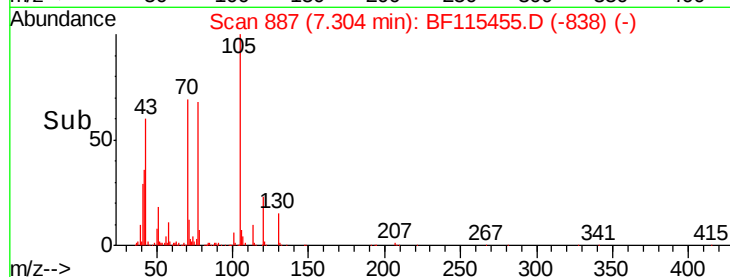
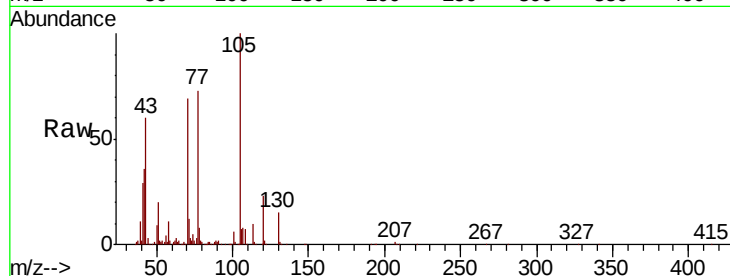
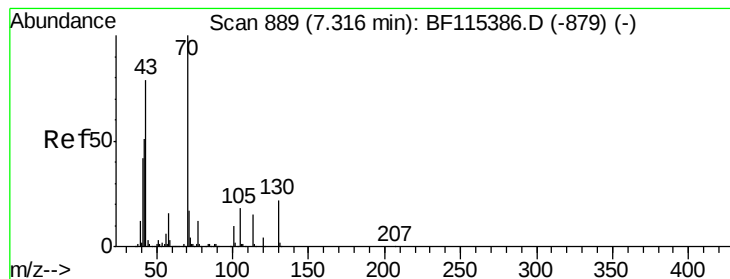
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.0	135.0
77	45.6	35.0	52.4
79	43.4	34.4	51.6



#18
Hexachloroethane
Concen: 36.906 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.8	115.2
201	98.9	85.8	128.6





#19

n-Nitroso-di-n-propylamine

Concen: 35.259 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

Tot Ion: 70 Resp: 303587

Ion Ratio Lower Upper

70 100

42 52.4 38.5 57.7

101 9.0 8.0 12.0

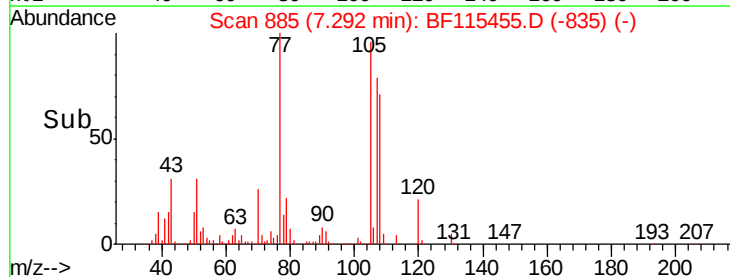
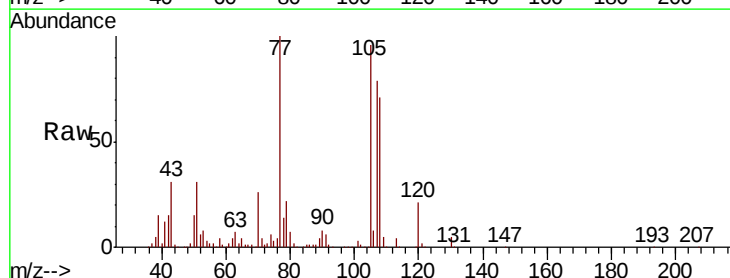
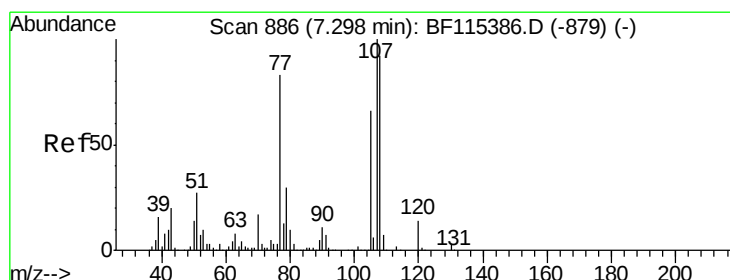
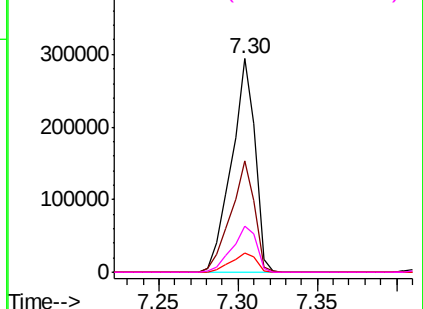
130 21.4 19.1 28.7

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: 24.462 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Tgt Ion:107 Resp: 279714

Ion Ratio Lower Upper

107 100

108 89.5 70.5 110.5

77 126.6 63.0 103.0#

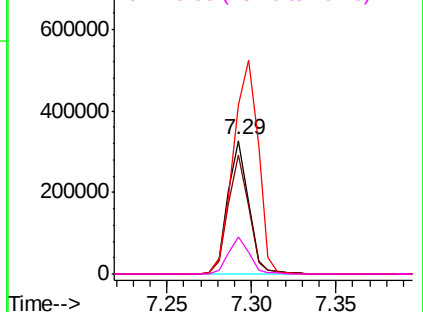
79 27.8 8.3 48.3

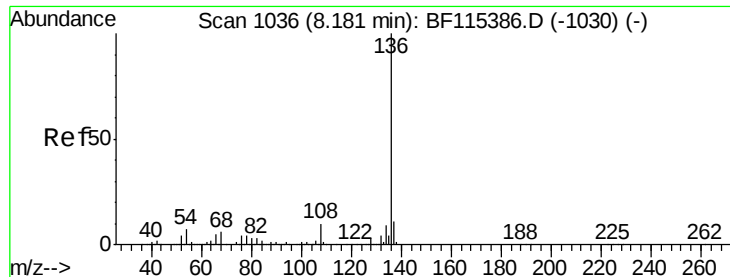
Abundance Ion 107.00 (106.70 to 107.70): E

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

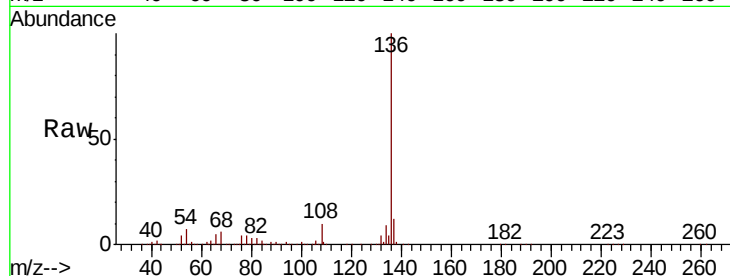




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:136	Resp: 610118
Ion Ratio	Lower Upper
136 100	
137 11.6	8.8 13.2
54 7.3	5.4 8.0
68 6.5	4.8 7.2



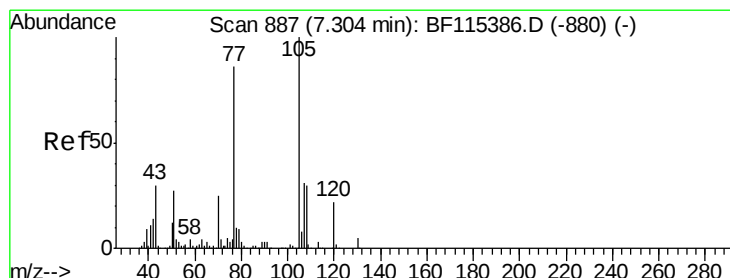
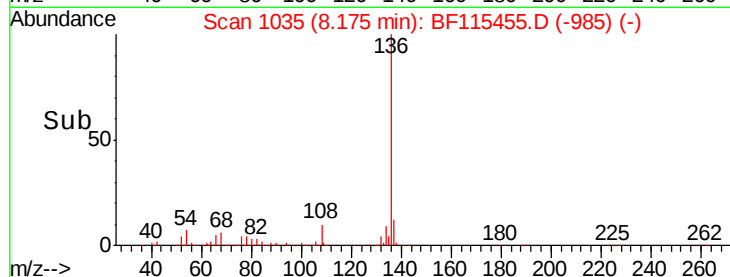
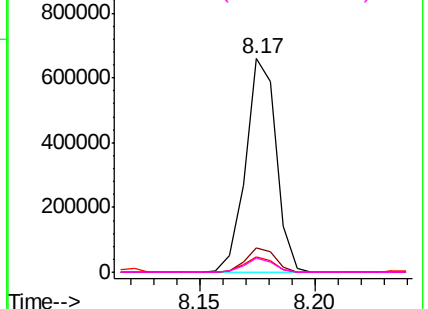
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

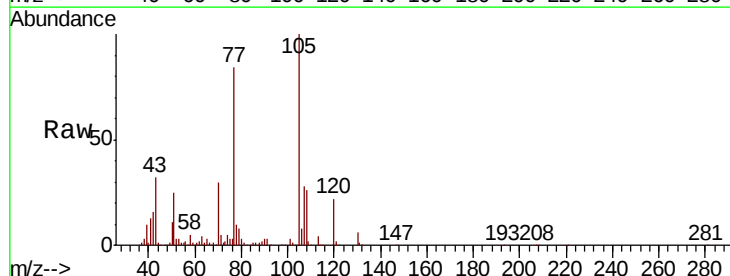
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 40.877 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt	Ion:105	Resp:	597601
Ion	Ratio	Lower	Upper
105	100		
71	5.3	3.5	5.3#
51	25.4	22.6	33.8
120	22.4	17.9	26.9



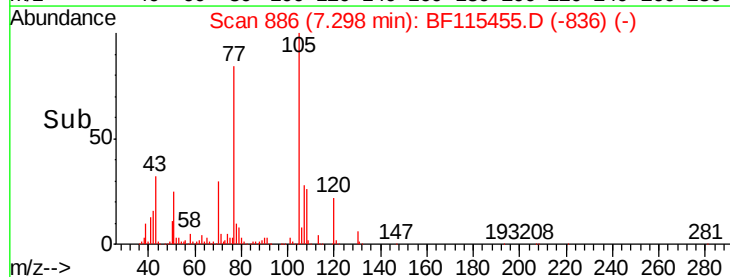
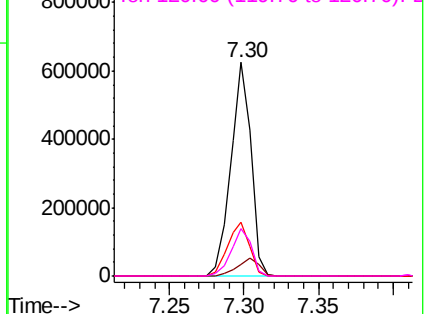
Abundance

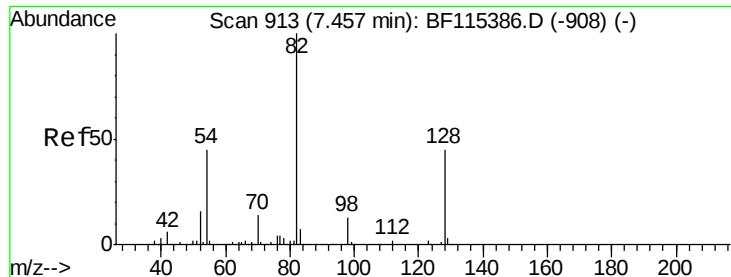
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

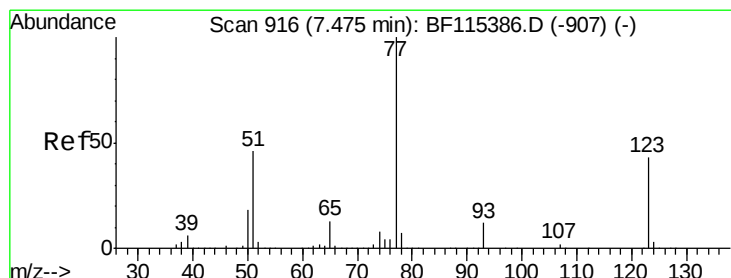
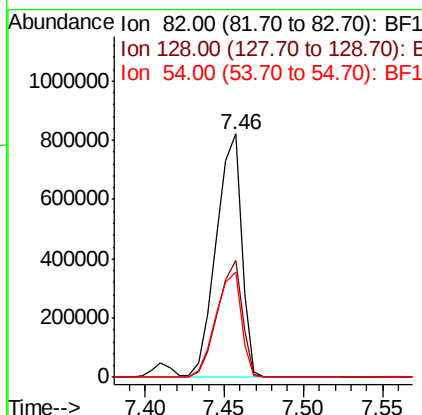
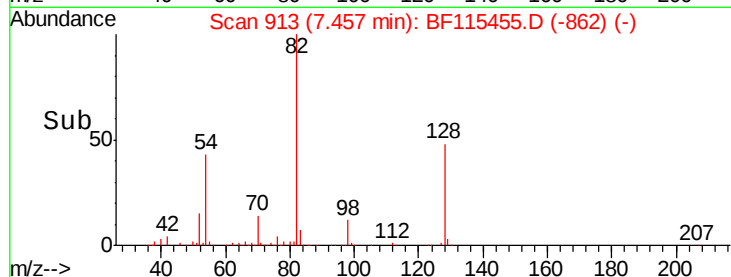
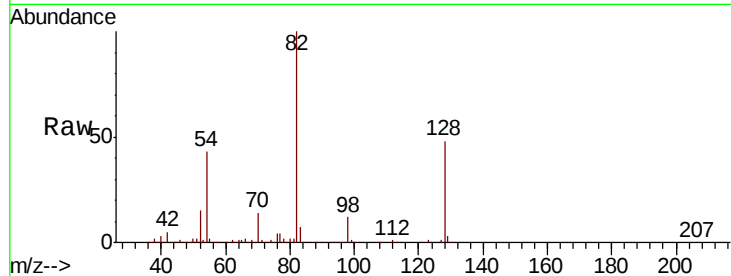




#23
 Nitrobenzene-d5
 Concen: 88.585 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

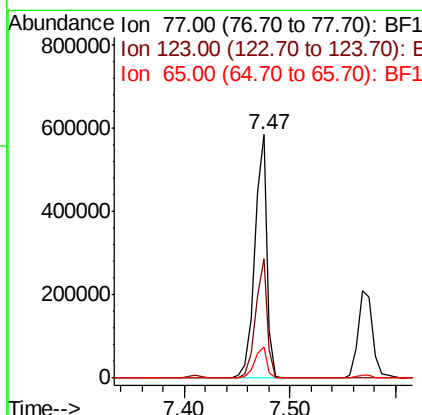
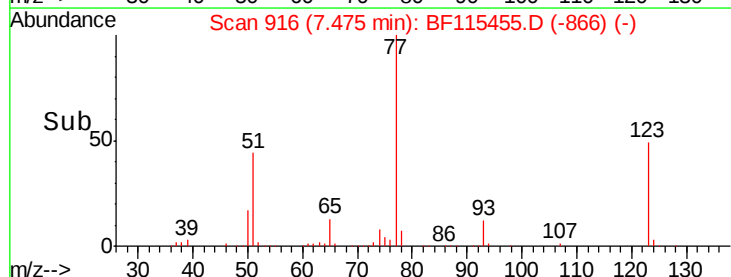
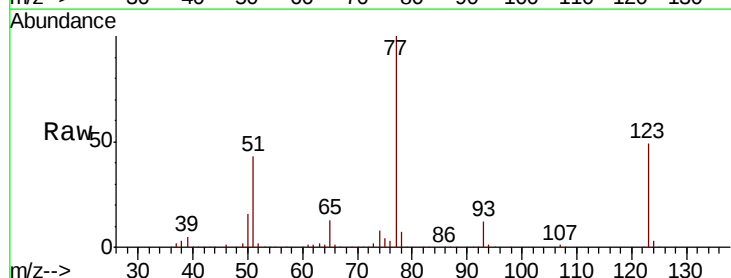
Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MS

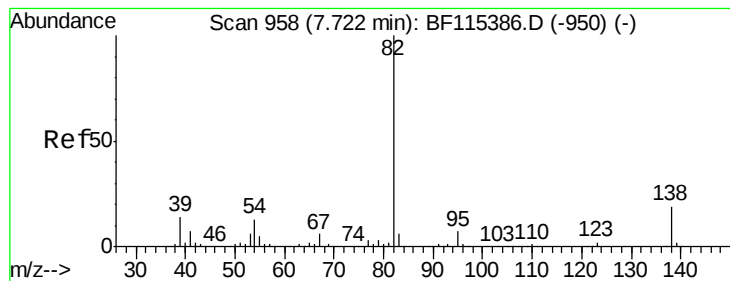
Tot Ion: 82 Resp: 914770
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.7 55.1
 54 43.2 35.6 53.4



#24
 Nitrobenzene
 Concen: 40.502 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

Tgt Ion: 77 Resp: 472346
 Ion Ratio Lower Upper
 77 100
 123 48.9 40.4 60.6
 65 12.9 10.4 15.6





#25

Isophorone

Concen: 38.170 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

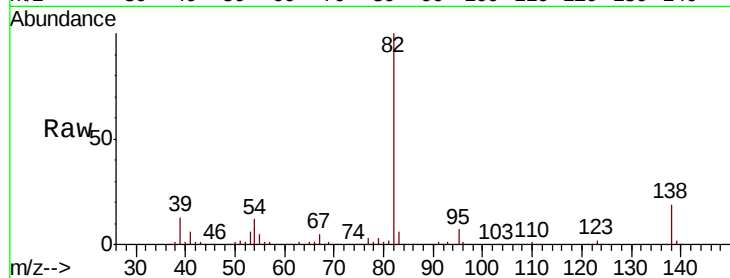
Tot Ion: 82 Resp: 854350

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

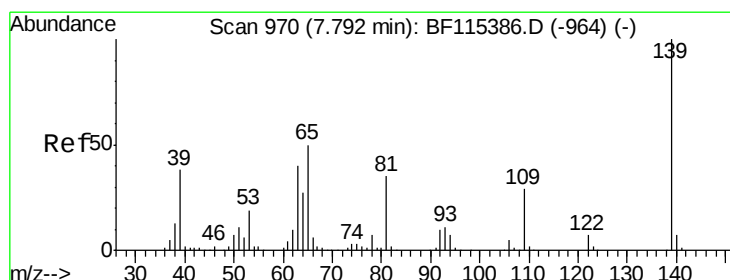
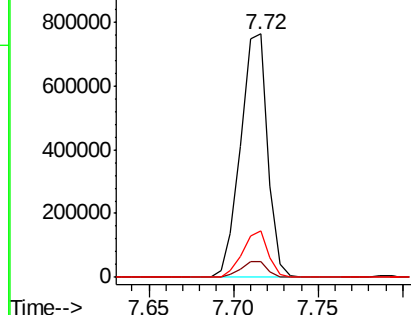
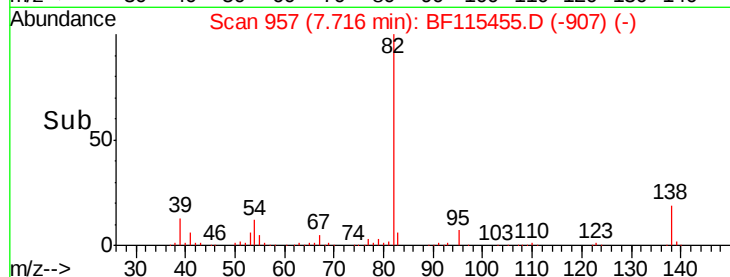
138 19.2 15.1 22.7



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: 46.028 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

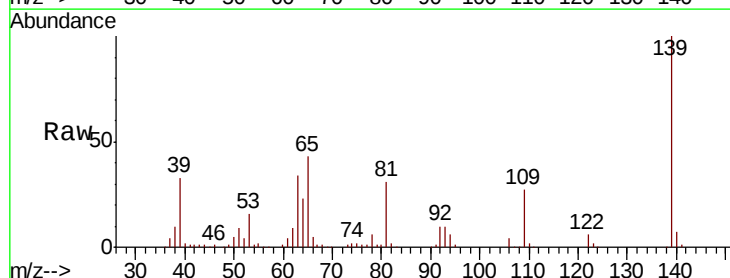
Tgt Ion: 139 Resp: 220686

Ion Ratio Lower Upper

139 100

109 27.0 22.2 33.4

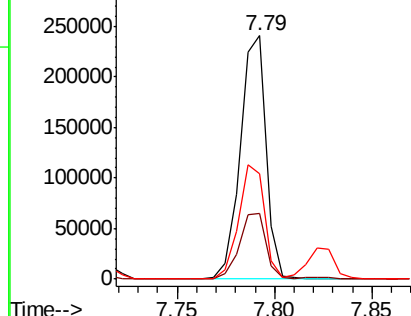
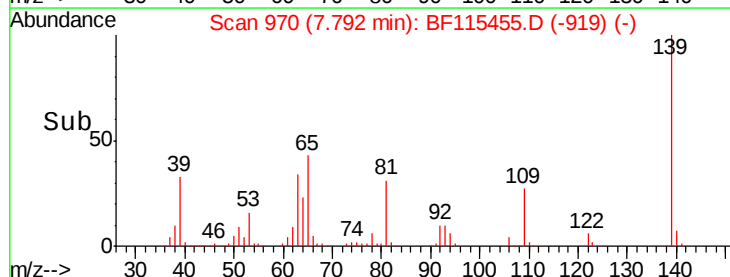
65 43.3 37.5 56.3

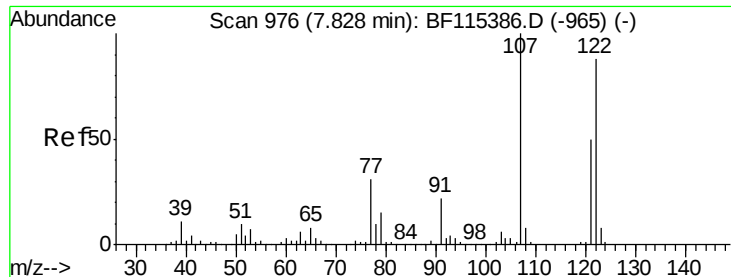


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

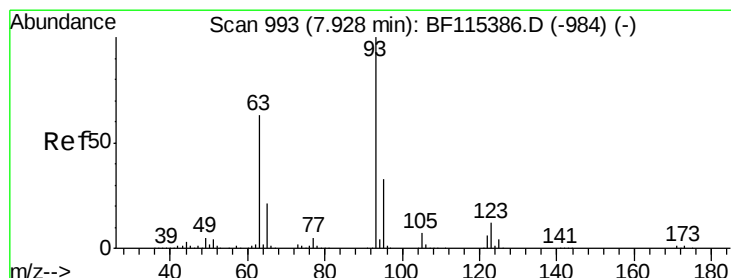
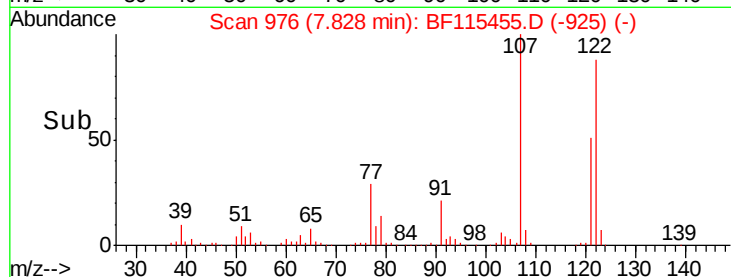
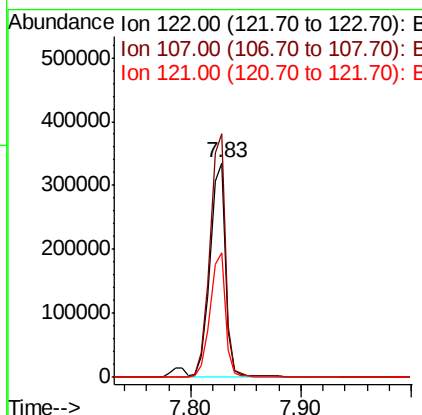
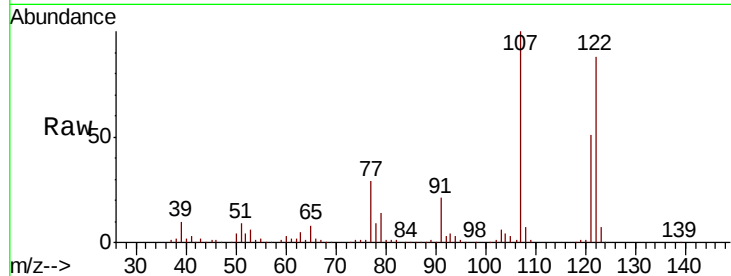




#27
 2,4-Dimethylphenol
 Concen: 35.031 ng
 RT: 7.83 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

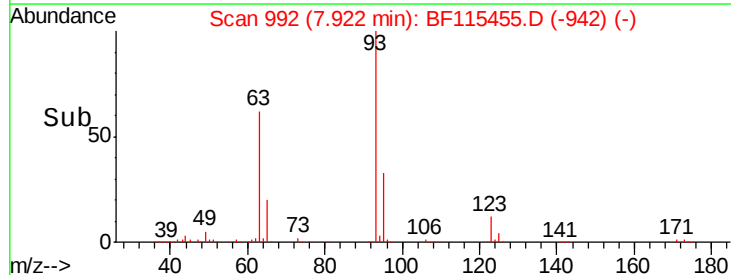
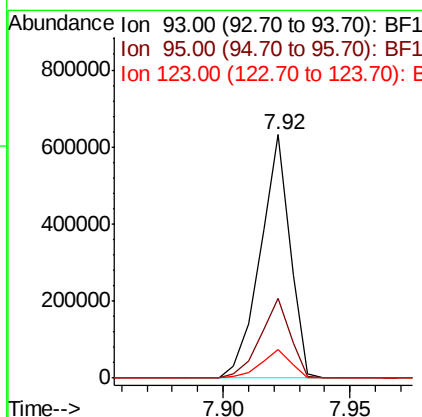
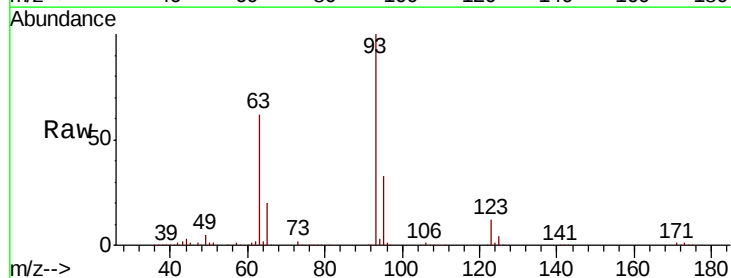
Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MS

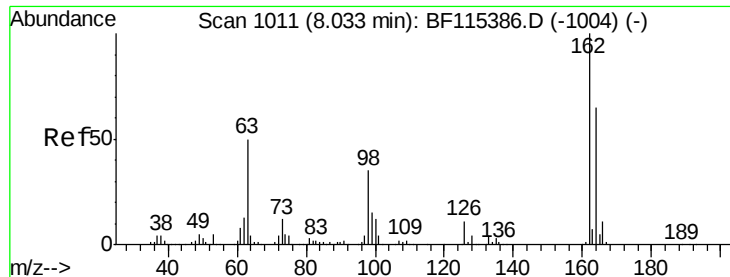
Tot Ion:122 Resp: 320272
 Ion Ratio Lower Upper
 122 100
 107 113.5 91.7 137.5
 121 58.2 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.764 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

Tgt Ion: 93 Resp: 521221
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.6 39.8
 123 11.6 10.4 15.6

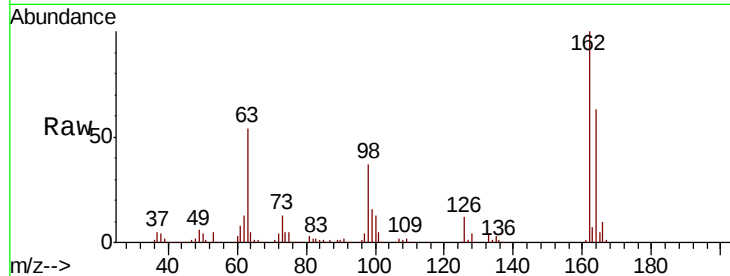




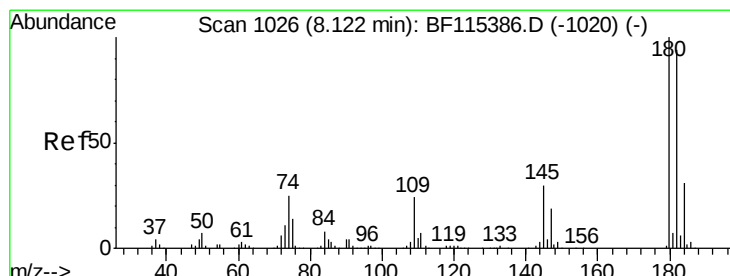
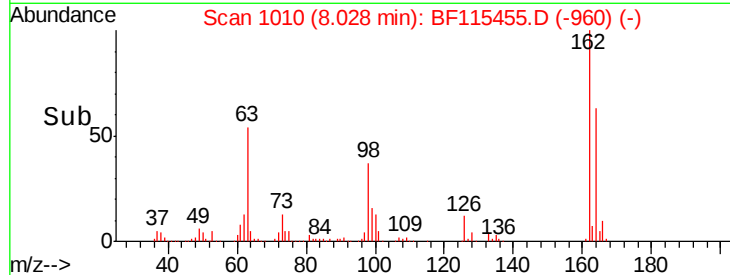
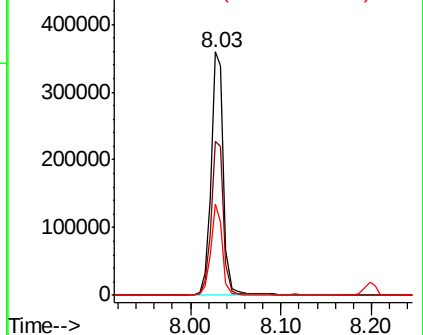
#29
2,4-Dichlorophenol
Concen: 38.349 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:162 Resp: 349210
Ion Ratio Lower Upper
162 100
164 63.2 45.2 85.2
98 37.4 17.0 57.0

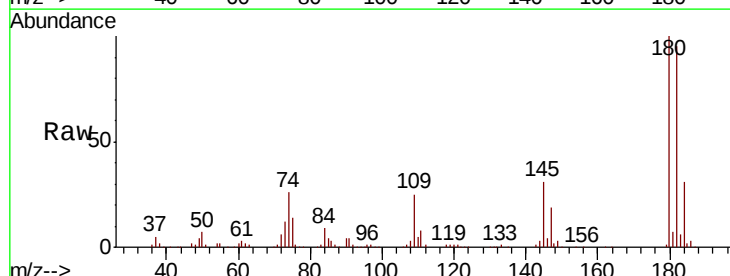


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

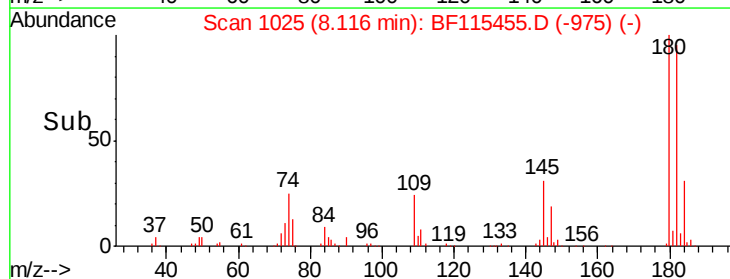
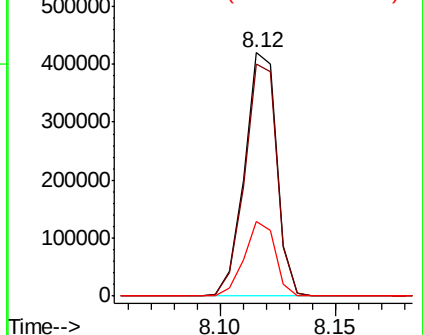


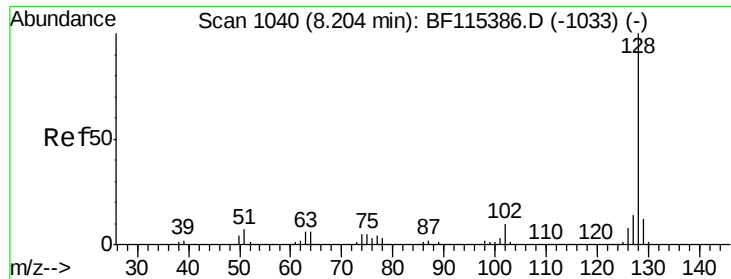
#30
1,2,4-Trichlorobenzene
Concen: 40.311 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:180 Resp: 408644
Ion Ratio Lower Upper
180 100
182 95.2 77.1 115.7
145 30.5 23.9 35.9



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

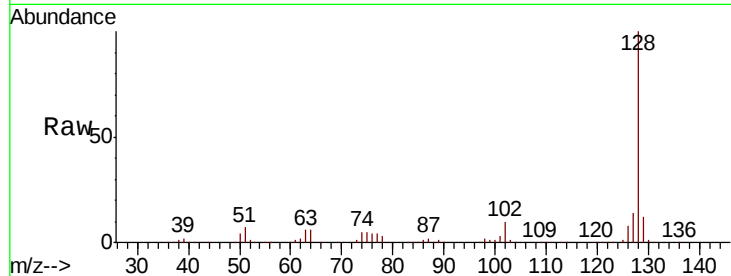




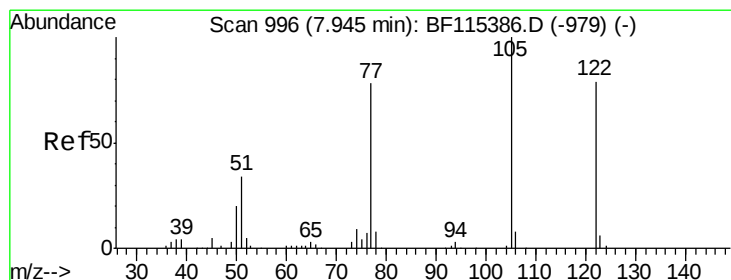
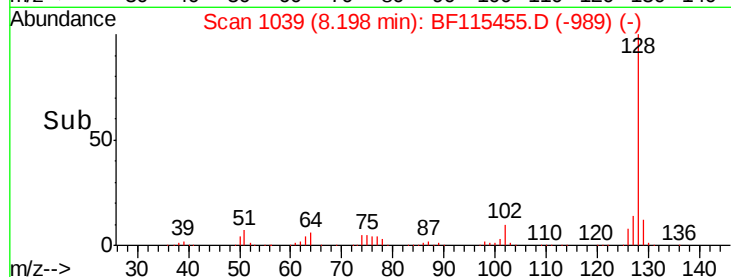
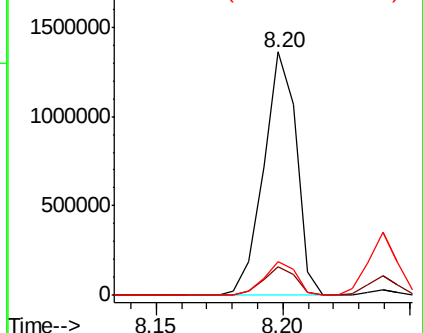
#31
Naphthalene
Concen: 40.718 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:128 Resp: 1233931
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.0 11.1 16.7

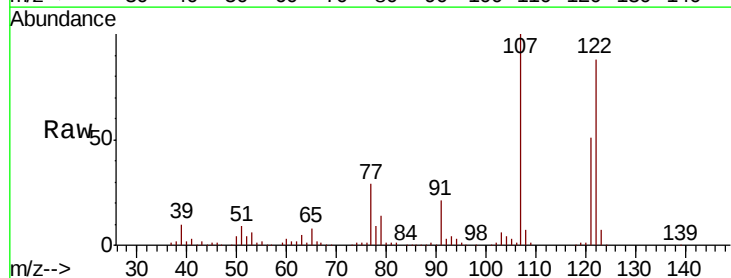


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

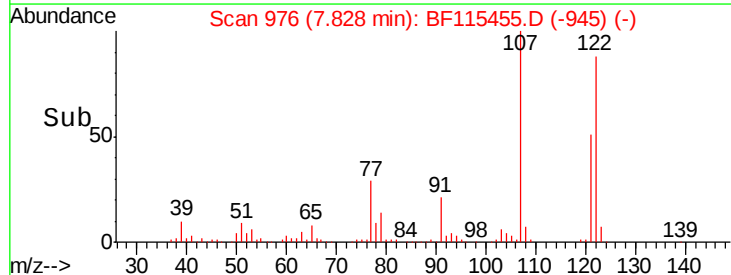
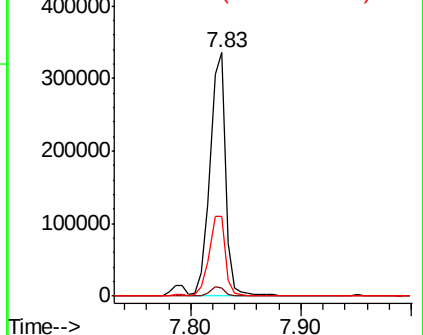


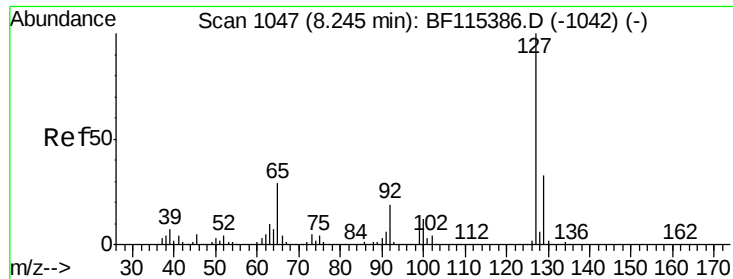
#32
Benzoic acid
Concen: 48.076 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.12 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:122 Resp: 320272
Ion Ratio Lower Upper
122 100
105 3.4 101.6 141.6#
77 32.8 69.1 109.1#



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

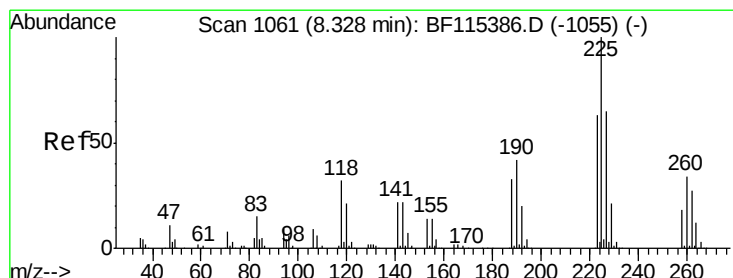
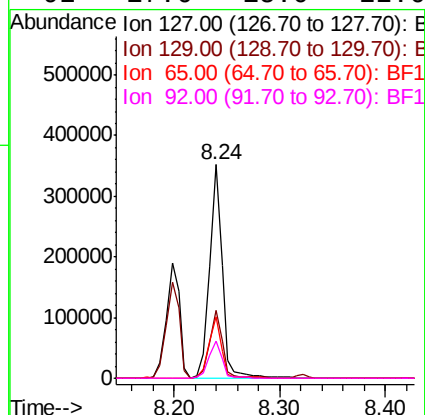
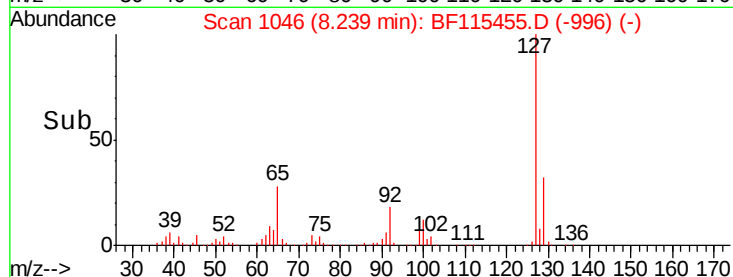
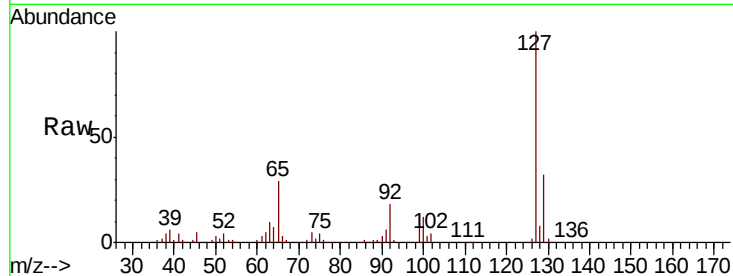




#33
4-Chloroaniline
Concen: 22.033 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

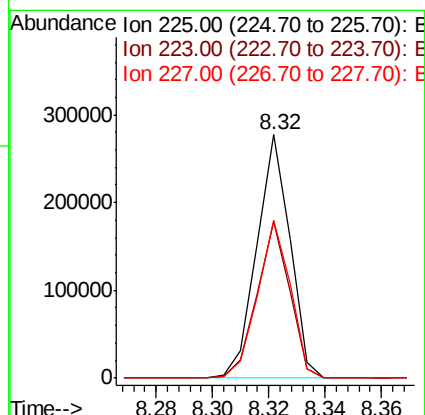
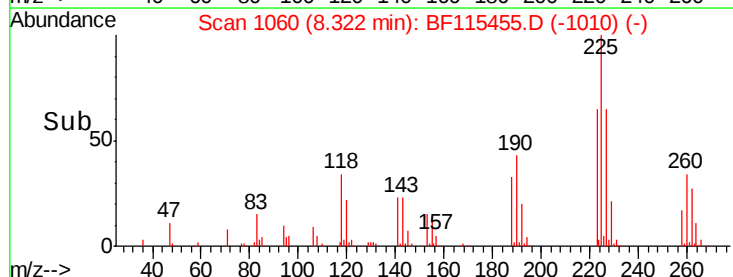
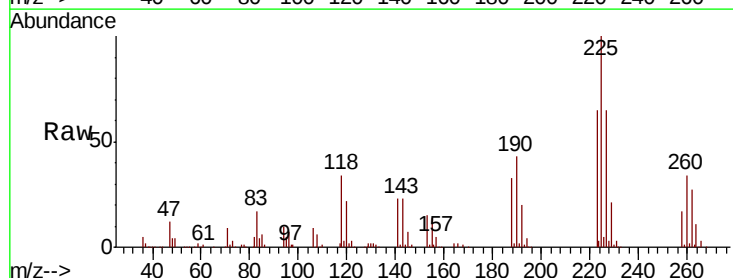
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

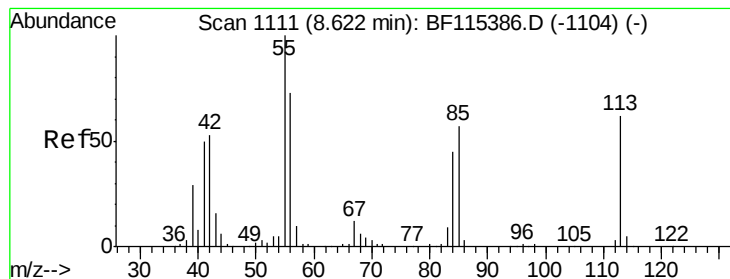
Tot Ion:	127	Resp:	297906
Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.1	39.1
65	28.6	23.2	34.8
92	17.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 39.244 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:	225	Resp:	225616
Ion	Ratio	Lower	Upper
225	100		
223	64.5	50.6	76.0
227	64.6	51.4	77.2





#35

Caprolactam

Concen: 6.011 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

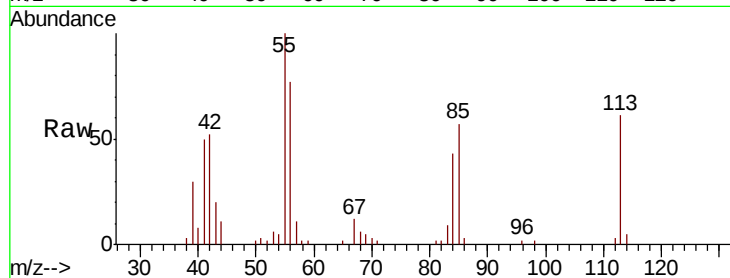
Tot Ion:113 Resp: 17826

Ion Ratio Lower Upper

113 100

55 163.8 138.1 178.1

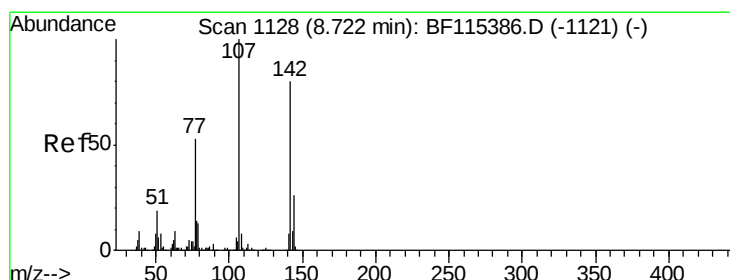
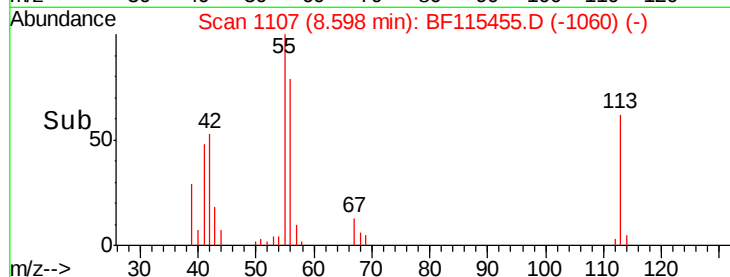
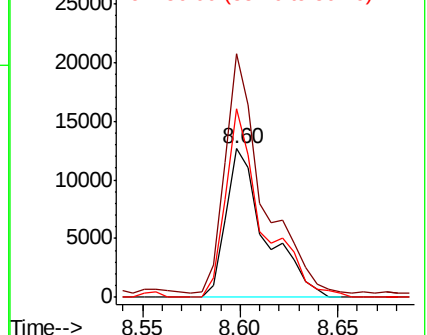
56 126.8 95.7 135.7



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: 35.921 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

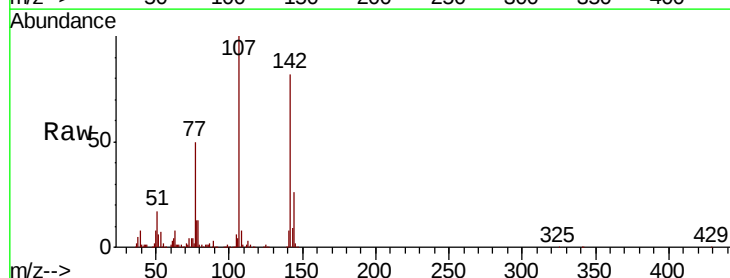
Tgt Ion:107 Resp: 345981

Ion Ratio Lower Upper

107 100

144 25.8 21.5 32.3

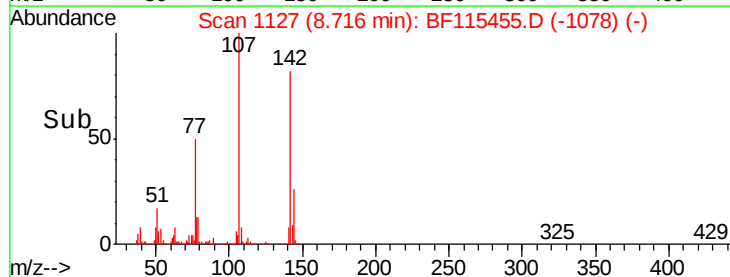
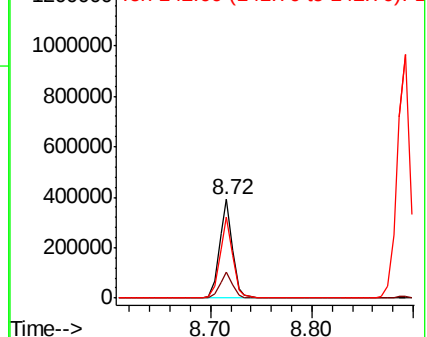
142 81.8 66.2 99.2

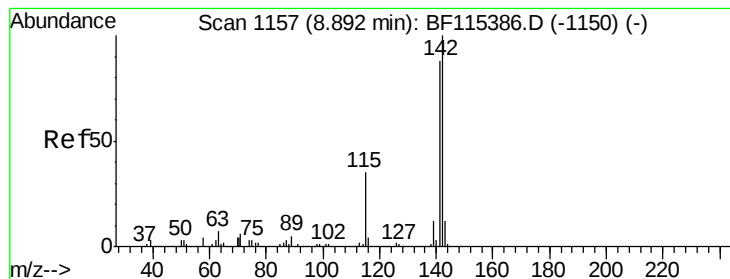


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.917 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

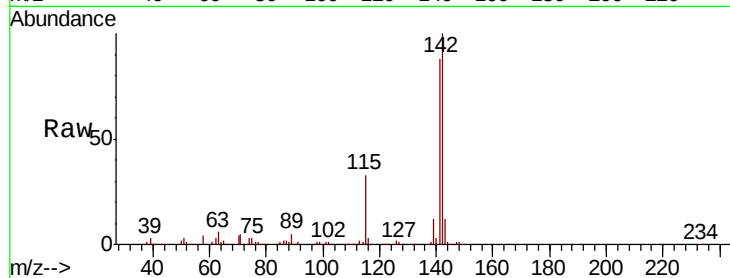
Tot Ion:142 Resp: 828797

Ion Ratio Lower Upper

142 100

141 87.8 72.1 108.1

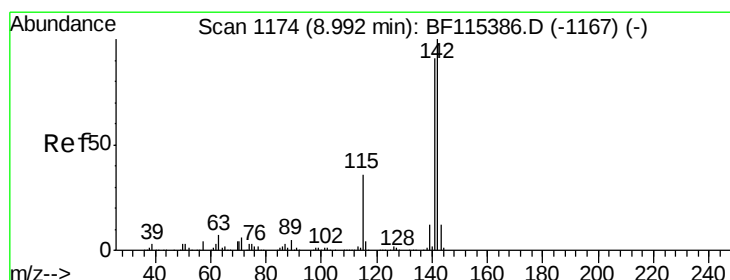
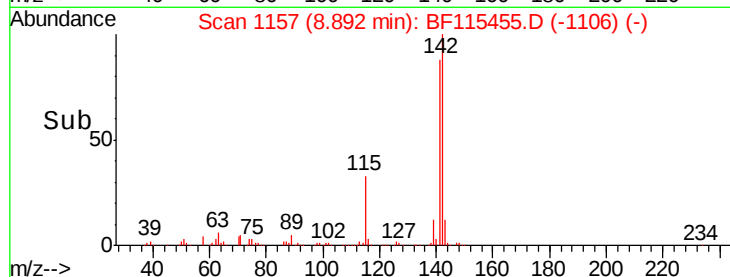
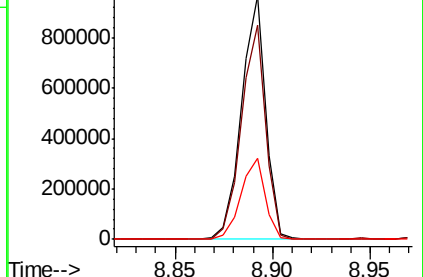
115 33.4 27.6 41.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.292 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

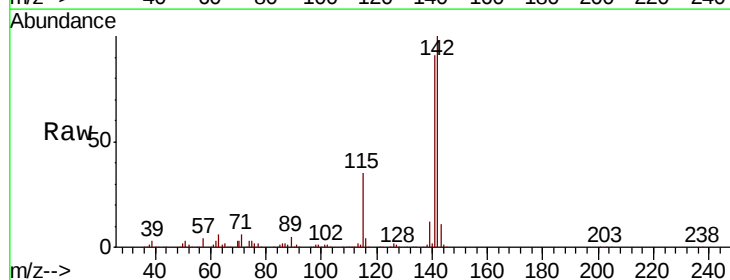
Tgt Ion:142 Resp: 778698

Ion Ratio Lower Upper

142 100

141 90.8 74.3 111.5

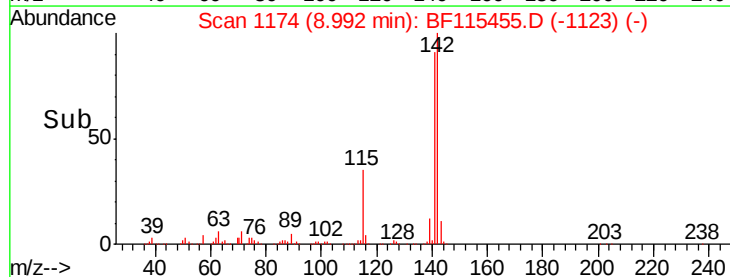
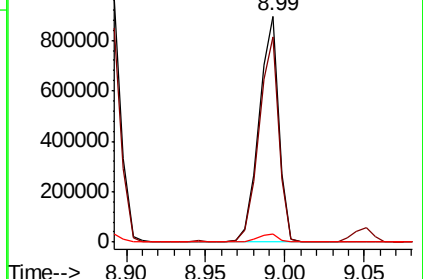
116 3.6 3.1 4.7

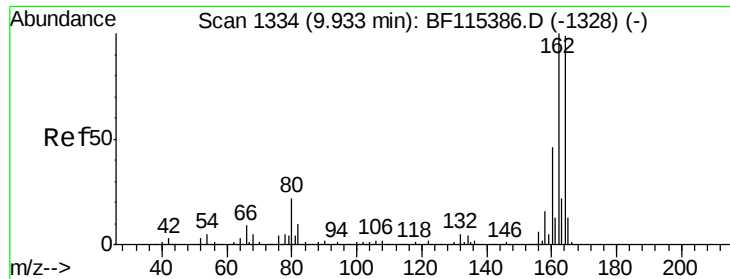


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

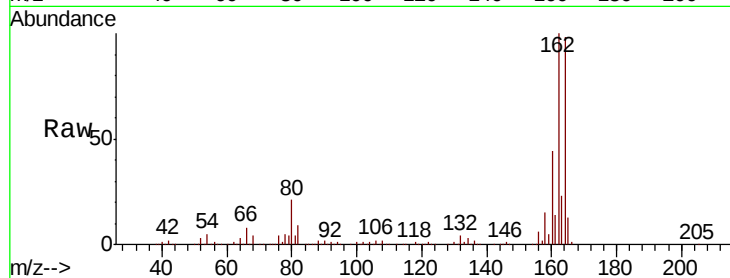




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.3	123.5
160	45.0	37.2	55.8

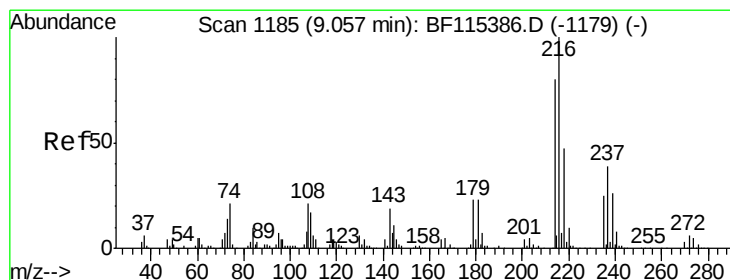
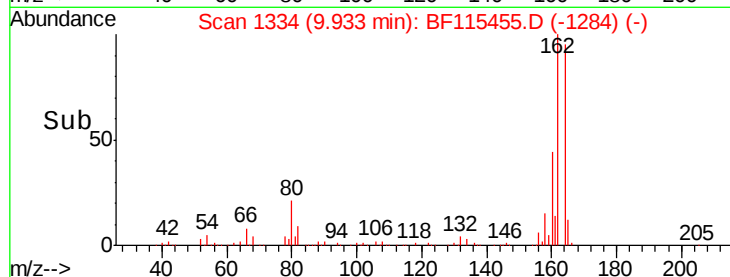
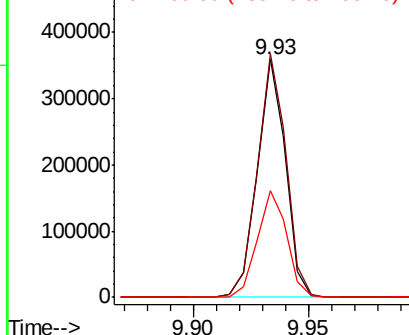


Abundance

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: 42.455 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.6
179	21.4	17.4	26.0
108	21.1	15.4	23.2

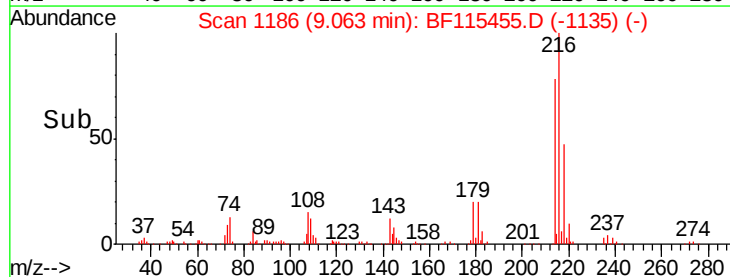
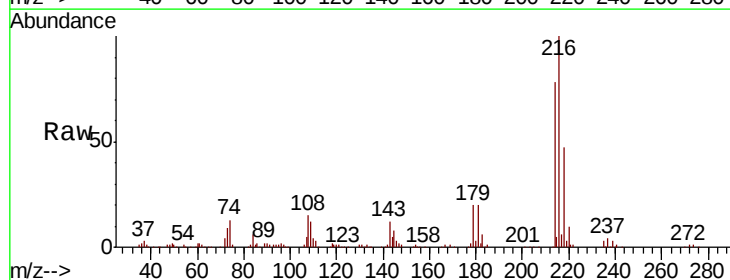
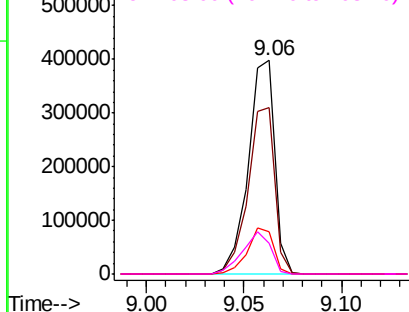
Abundance

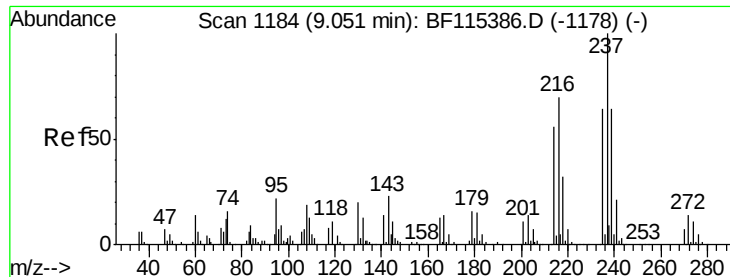
Ion 216.00 (215.70 to 216.70): E

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: 81.272 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

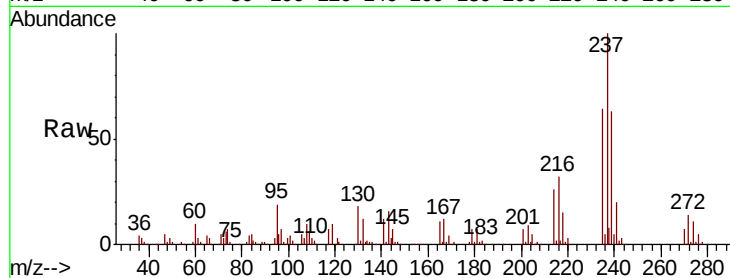
Tot Ion:237 Resp: 414992

Ion Ratio Lower Upper

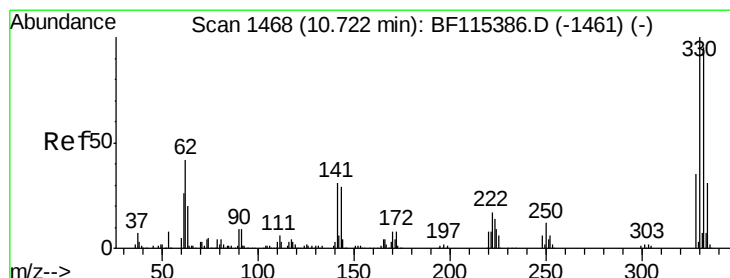
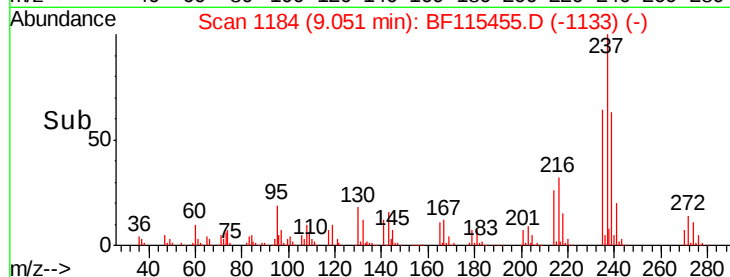
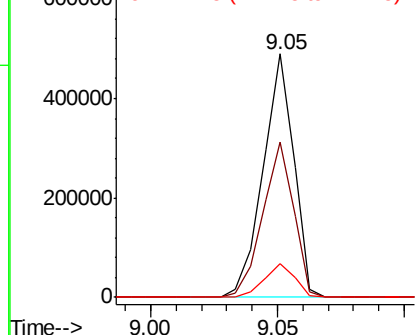
237 100

235 63.7 43.4 83.4

272 13.7 0.0 33.6



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: 111.063 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

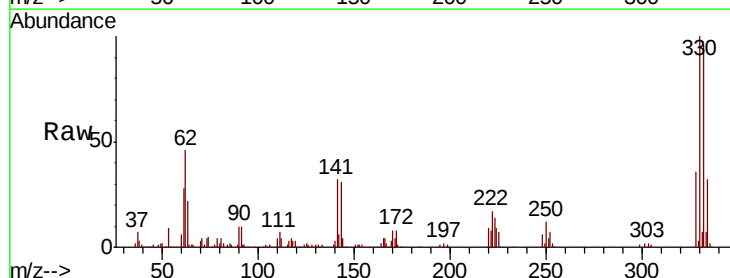
Tgt Ion:330 Resp: 376055

Ion Ratio Lower Upper

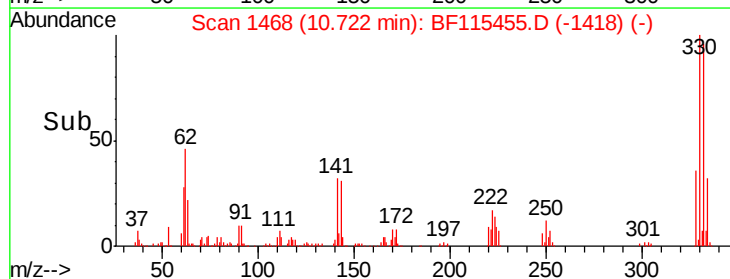
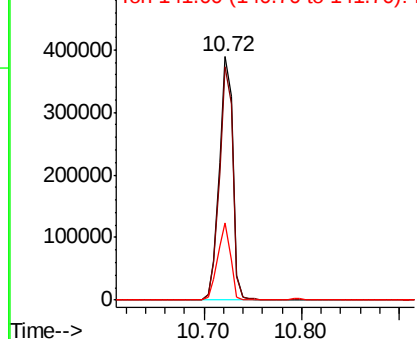
330 100

332 95.3 77.4 116.0

141 30.4 24.7 37.1



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

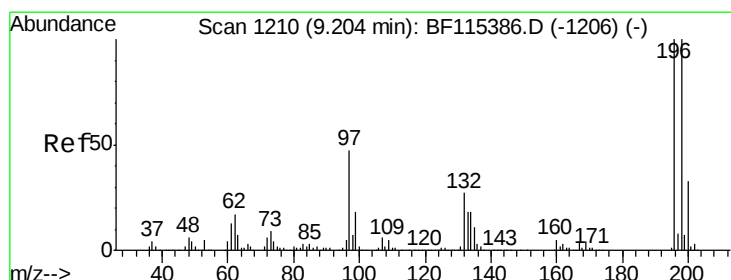
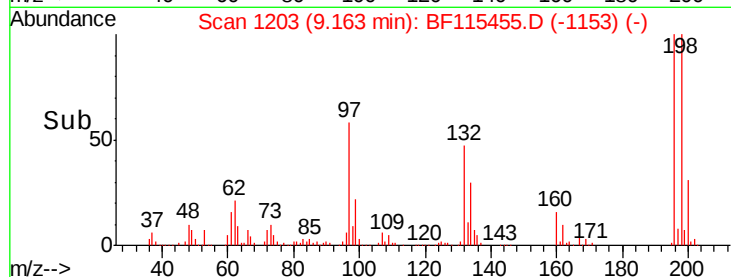
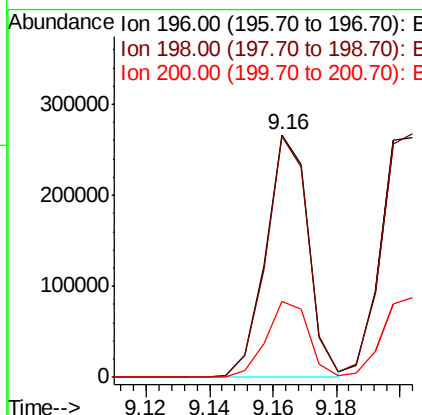
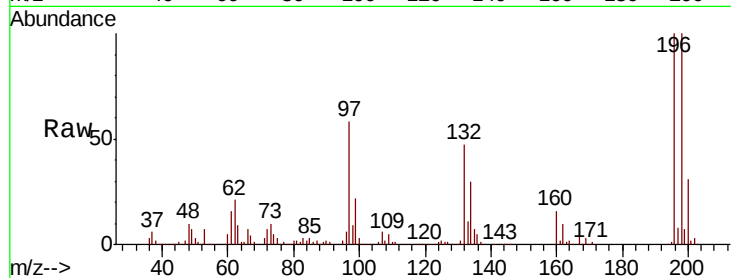




#43
 2,4,6-Trichlorophenol
 Concen: 38.483 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

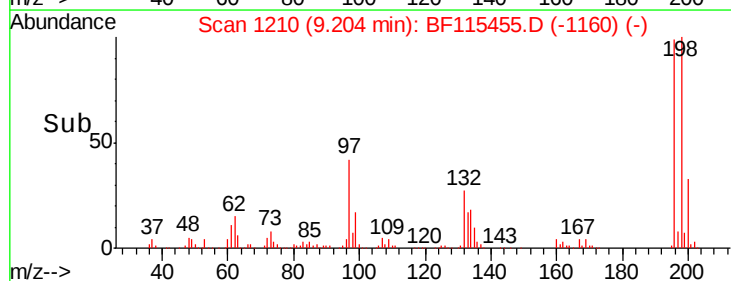
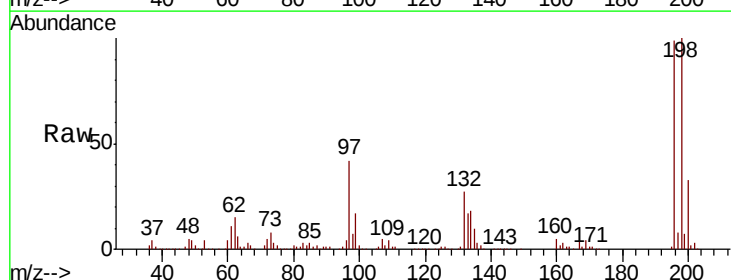
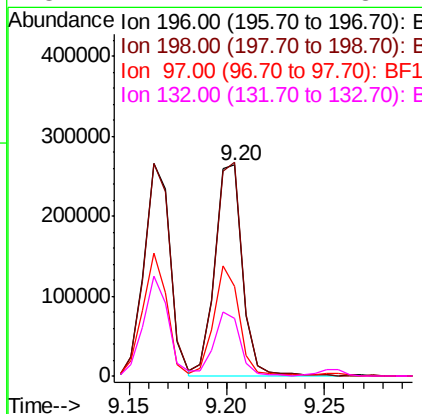
Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MS

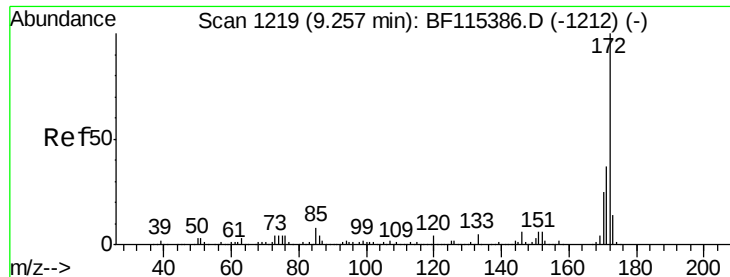
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	78.2	117.4
200	31.4	25.0	37.6



#44
 2,4,5-Trichlorophenol
 Concen: 38.686 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.3	80.6	120.8
97	42.4	34.0	51.0
132	27.2	21.4	32.2



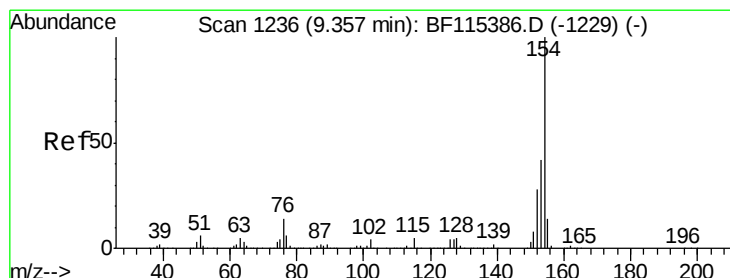
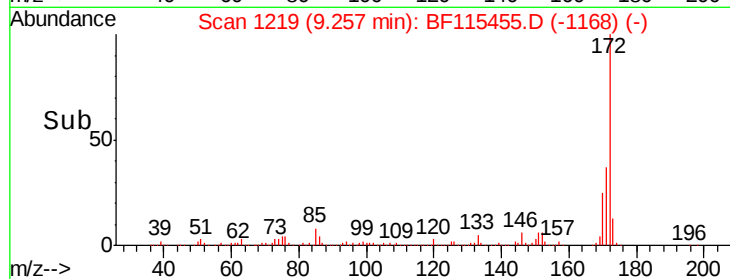
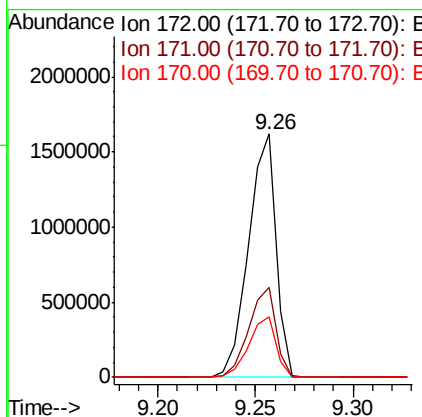
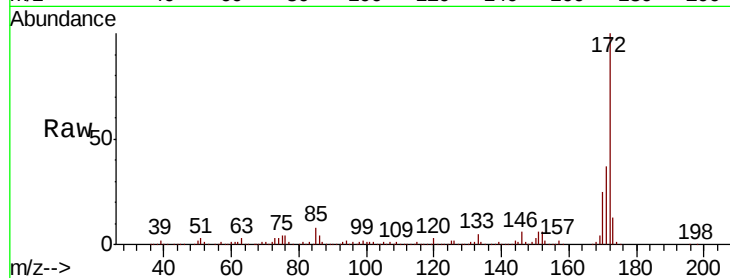


#45
 2-Fluorobiphenyl
 Concen: 90.304 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MS

Tot Ion:172 Resp: 1575977

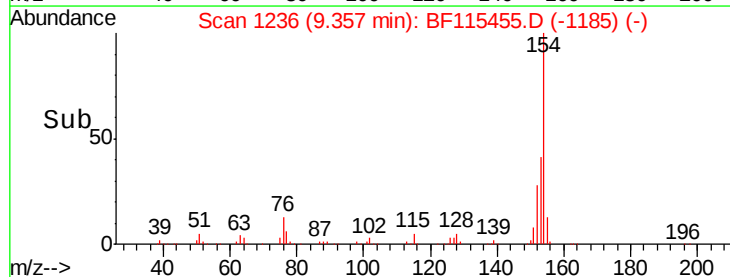
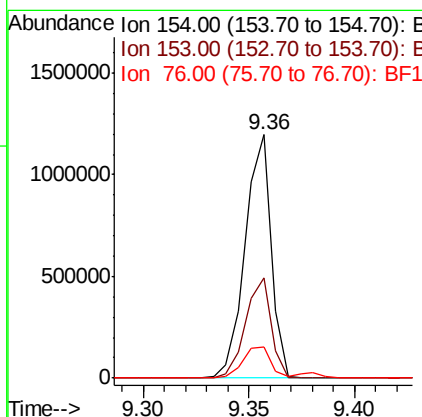
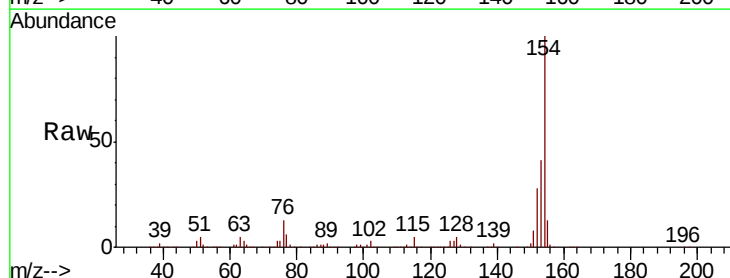
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.8	44.8
170	24.8	20.0	30.0

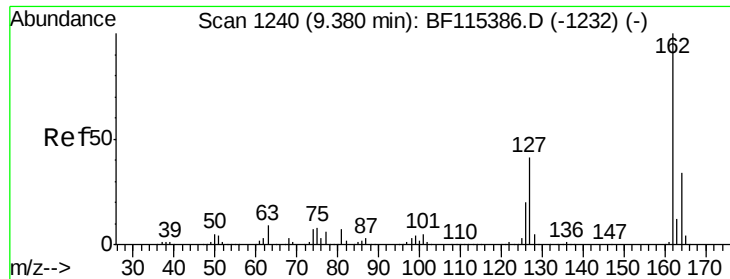


#46
 1,1'-Biphenyl
 Concen: 42.531 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

Tgt Ion:154 Resp: 1023922

Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.5	61.5
76	12.8	0.0	34.6

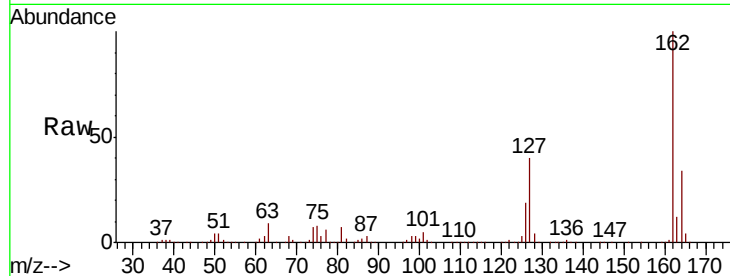




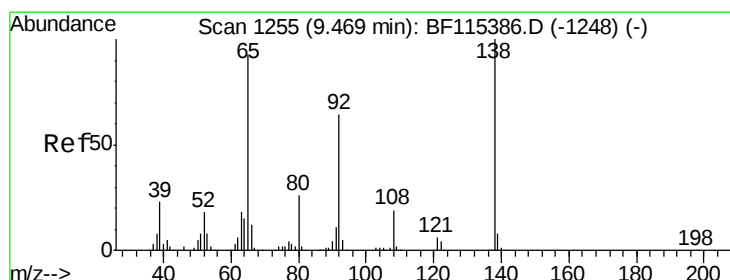
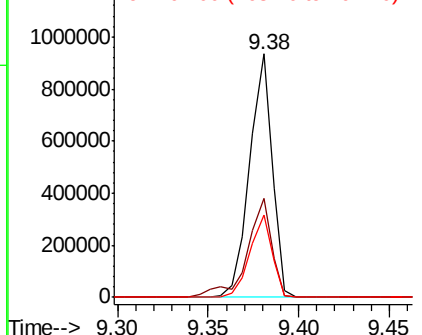
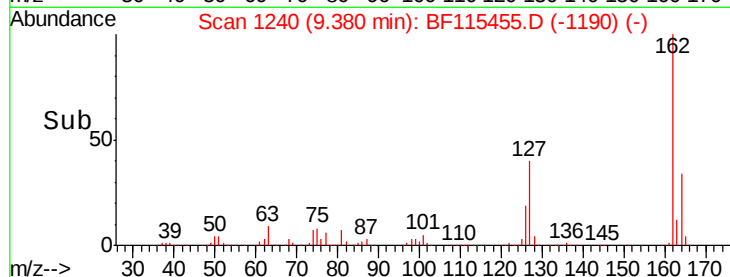
#47
2-Chloronaphthalene
Concen: 40.636 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:162 Resp: 808549
Ion Ratio Lower Upper
162 100
127 40.4 31.4 47.0
164 33.7 27.2 40.8

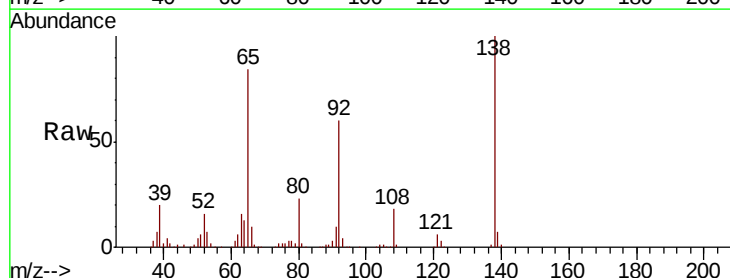


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

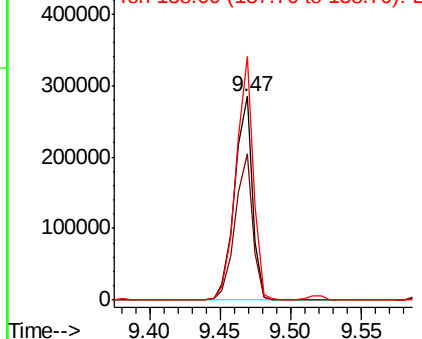
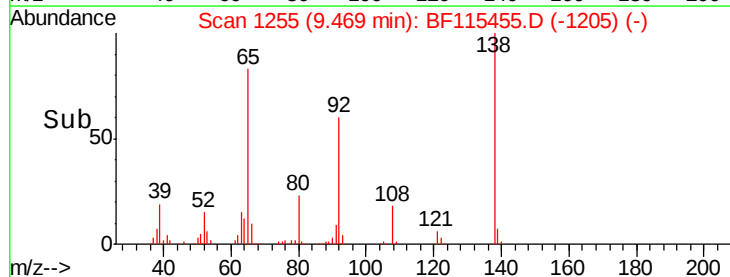


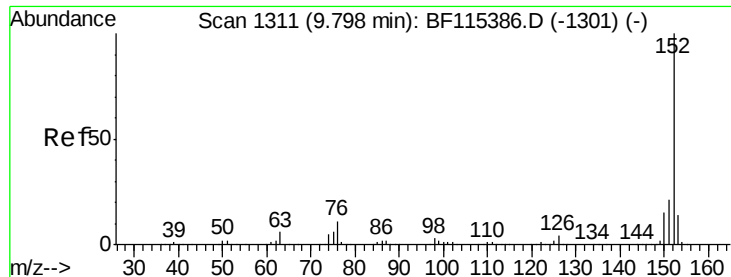
#48
2-Nitroaniline
Concen: 42.951 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion: 65 Resp: 251083
Ion Ratio Lower Upper
65 100
92 72.1 59.0 88.4
138 119.5 98.3 147.5



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: 41.356 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

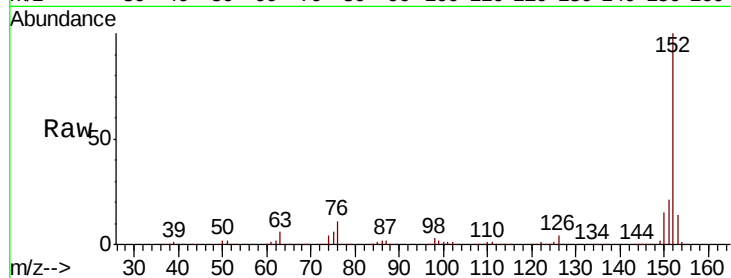
BNA_F

ClientSampleId :

SP19-JMW0991MS

Tot Ion:152 Resp: 1245857

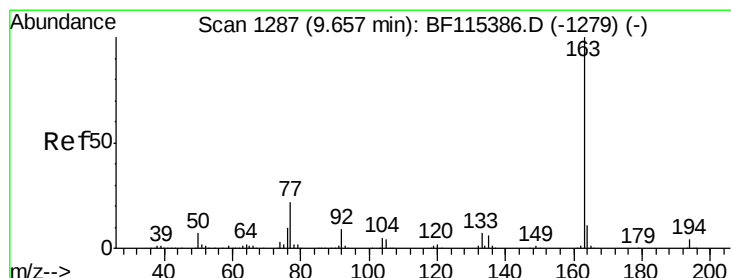
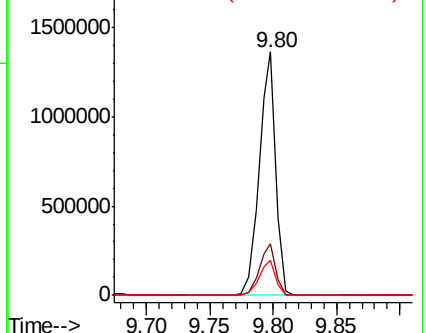
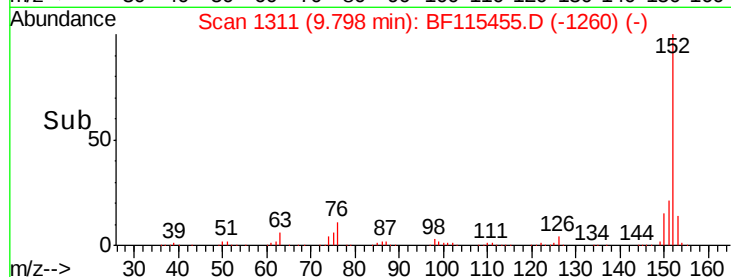
Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.1	25.7
153	14.2	11.8	17.6



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: 45.404 ng

RT: 9.66 min Scan# 1287

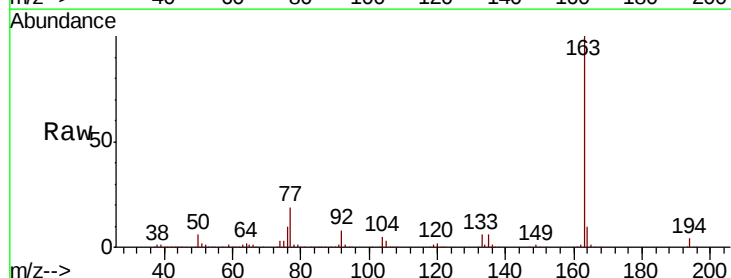
Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Tgt Ion:163 Resp: 1043626

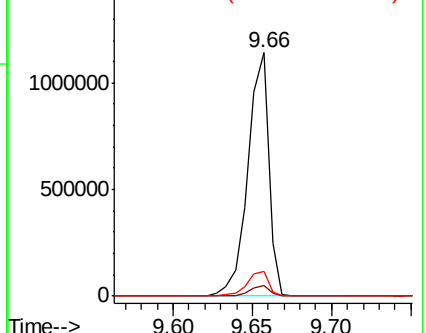
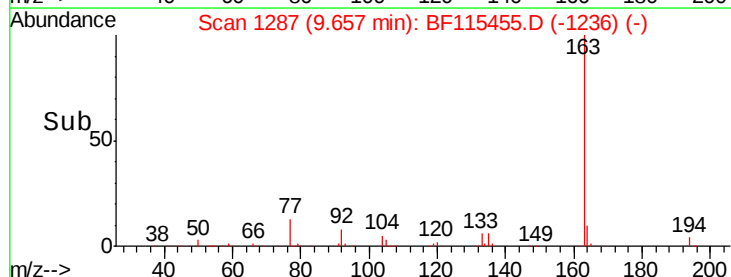
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.1	4.7
164	10.4	8.6	13.0

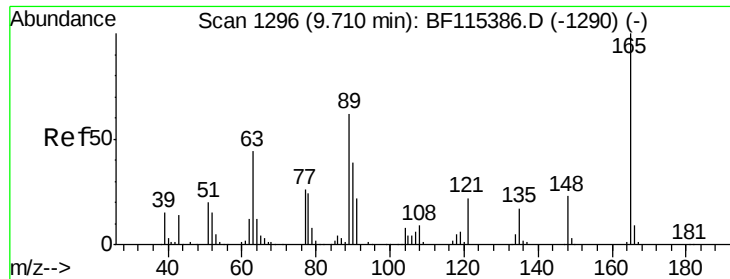


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

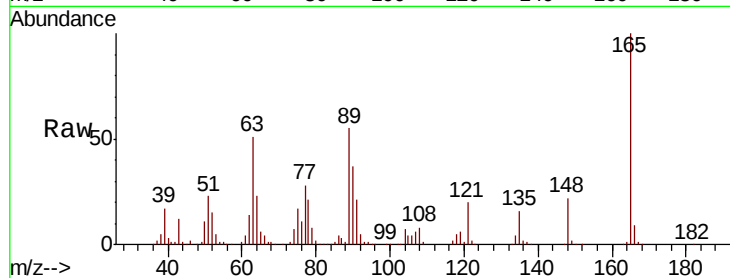




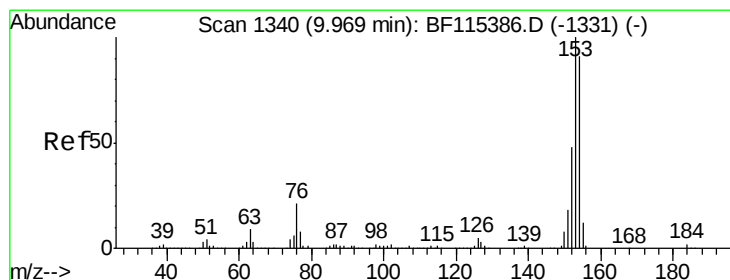
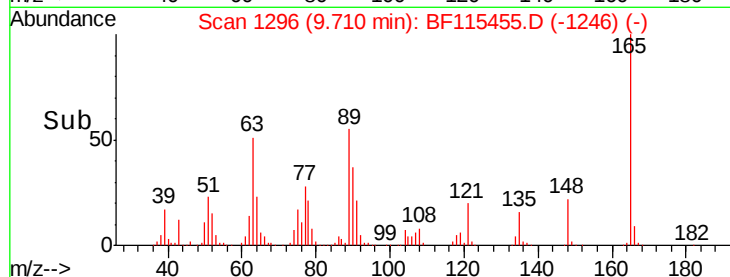
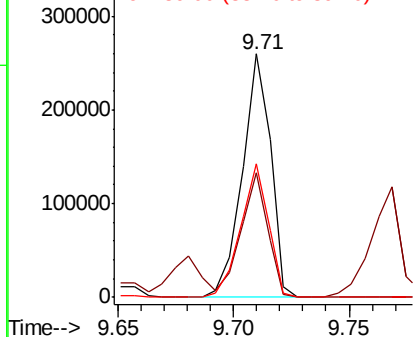
#51
2,6-Dinitrotoluene
Concen: 44.684 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:165 Resp: 222751
Ion Ratio Lower Upper
165 100
63 51.4 39.7 59.5
89 55.0 42.8 64.2

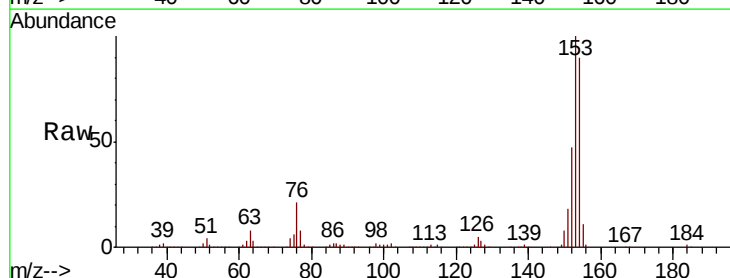


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

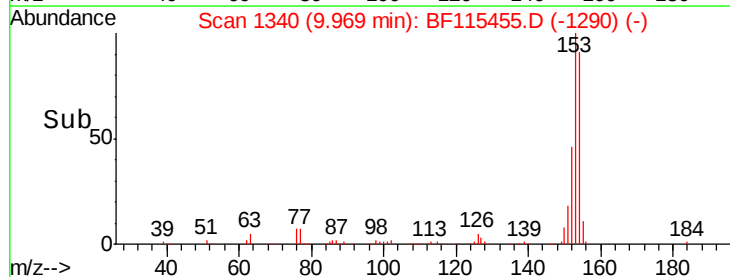
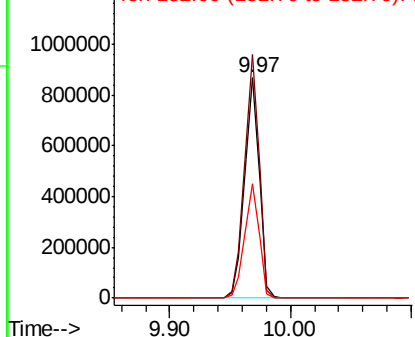


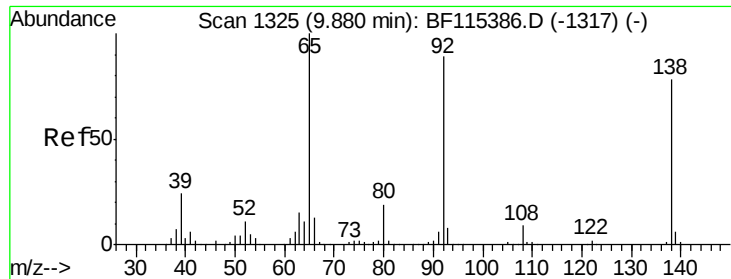
#52
Acenaphthene
Concen: 39.519 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:154 Resp: 749270
Ion Ratio Lower Upper
154 100
153 110.5 89.8 134.8
152 52.0 41.4 62.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

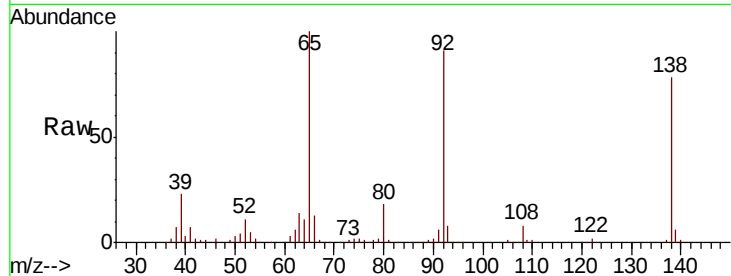




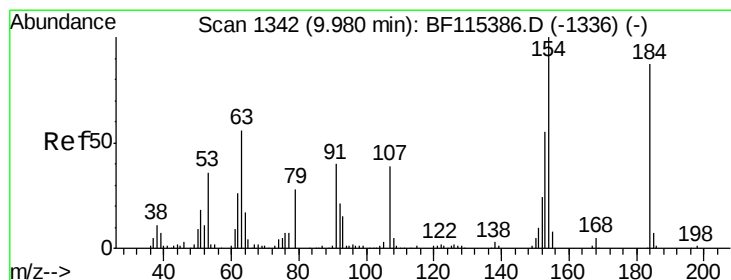
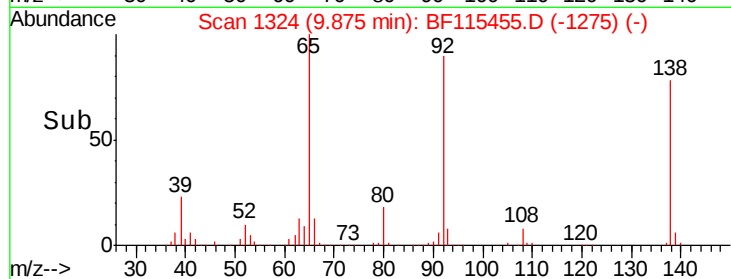
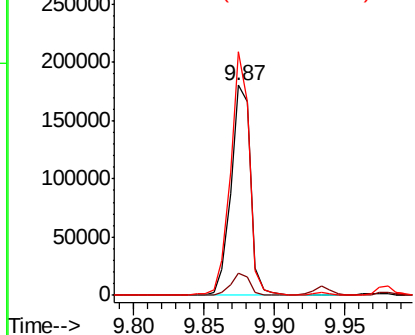
#53
3-Nitroaniline
Concen: 30.060 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:138 Resp: 174044
Ion Ratio Lower Upper
138 100
108 10.5 8.5 12.7
92 115.8 86.1 129.1

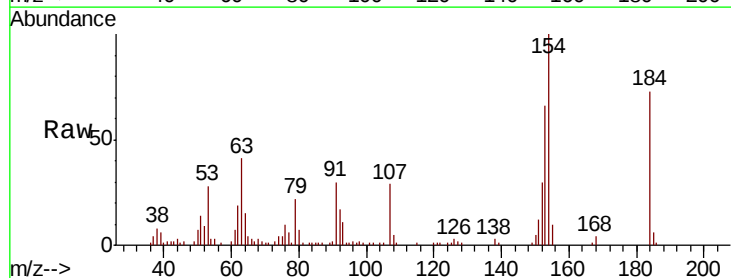


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

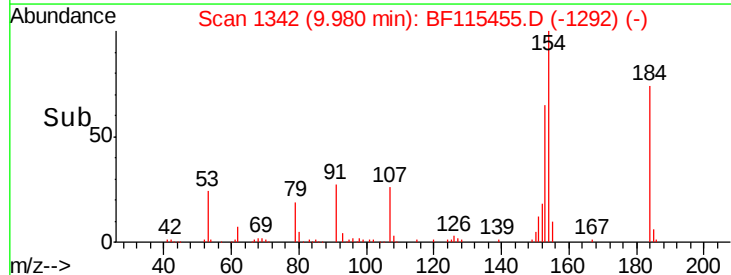
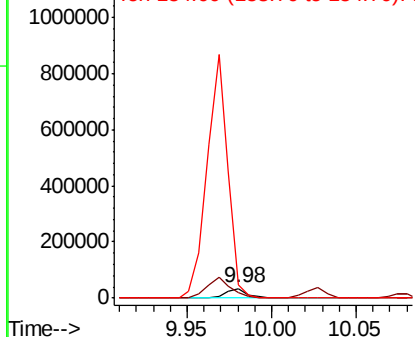


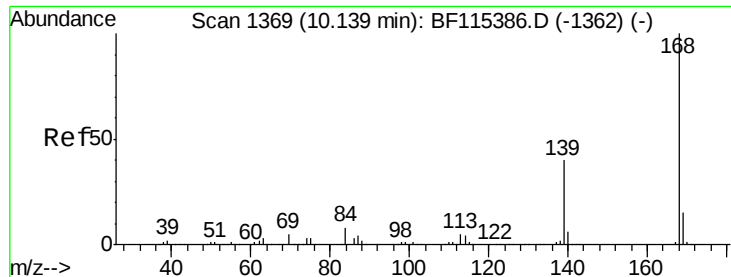
#54
2,4-Dinitrophenol
Concen: 21.934 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:184 Resp: 30015
Ion Ratio Lower Upper
184 100
63 55.4 45.8 68.6
154 136.5 52.8 79.2#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



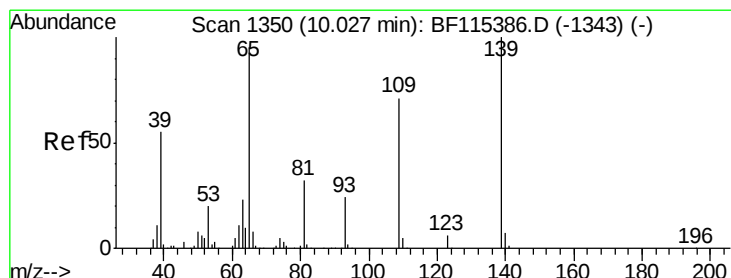
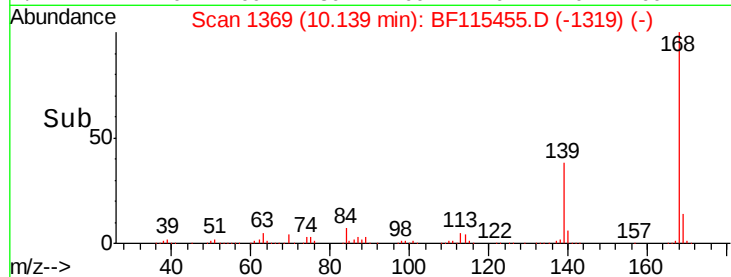
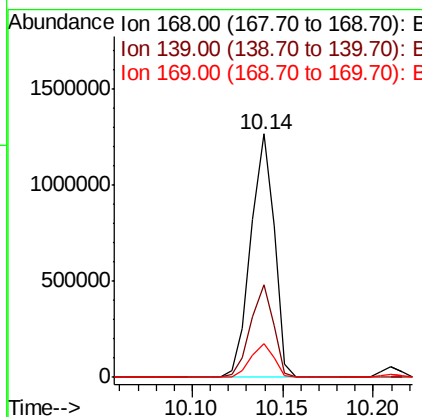
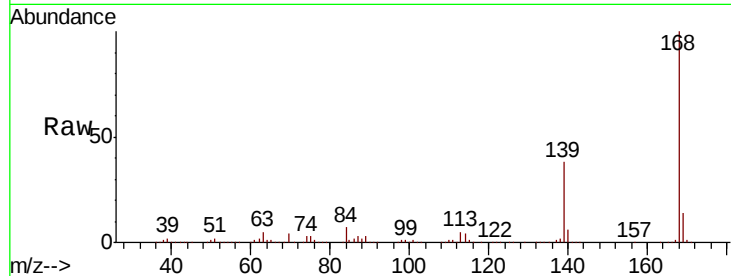


#55
Dibenzenofuran
Concen: 42.714 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:168 Resp: 1140787

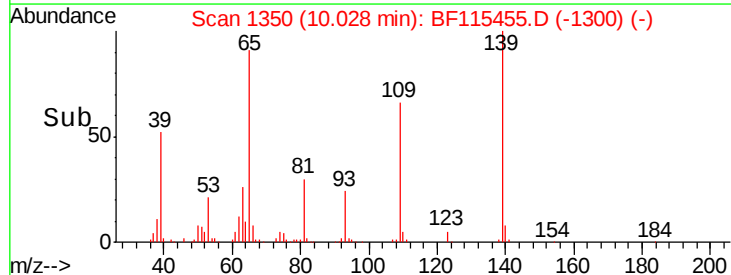
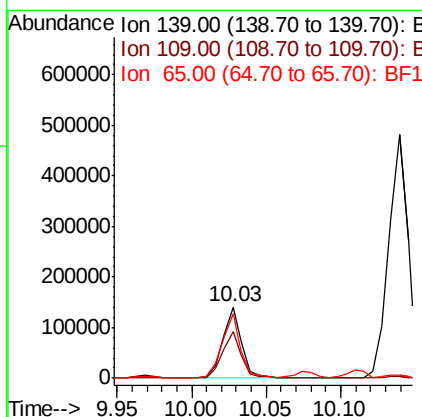
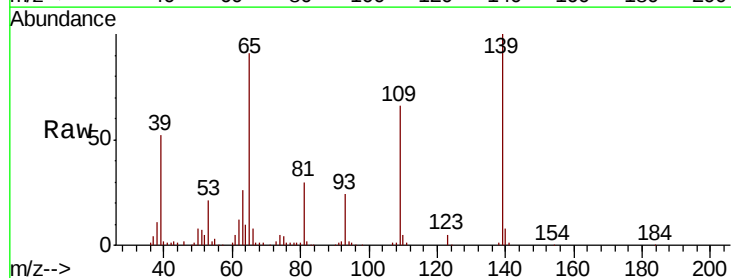
Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.6	46.0
169	13.7	11.0	16.6

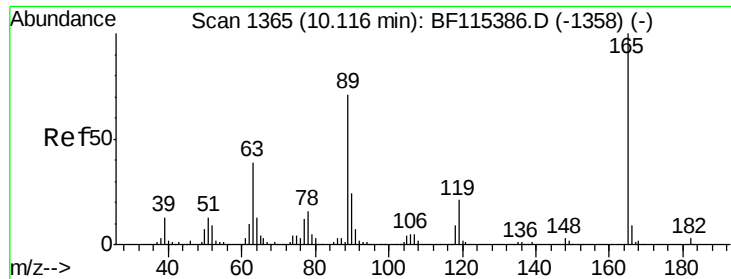


#56
4-Nitrophenol
Concen: 28.360 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:139 Resp: 127038

Ion	Ratio	Lower	Upper
139	100		
109	66.0	46.4	86.4
65	90.6	73.4	113.4

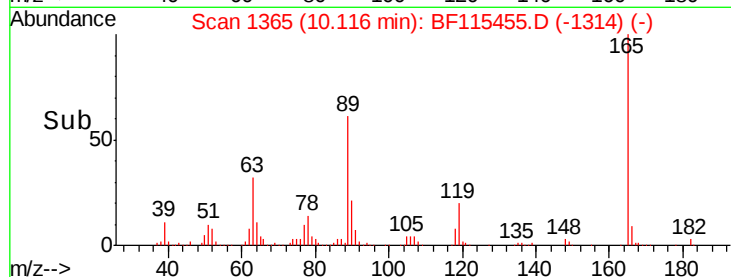
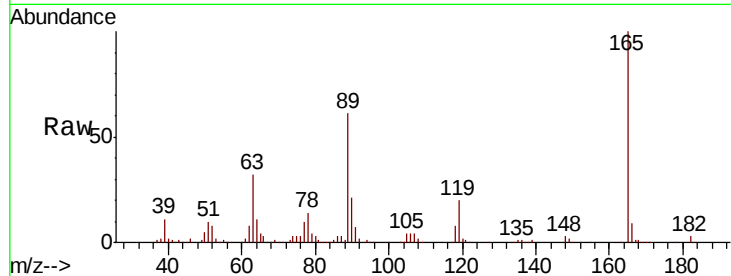




#57
2,4-Dinitrotoluene
Concen: 46.657 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	32.2	33.0	49.4#
89	61.4	58.5	87.7
182	2.7	2.1	3.1



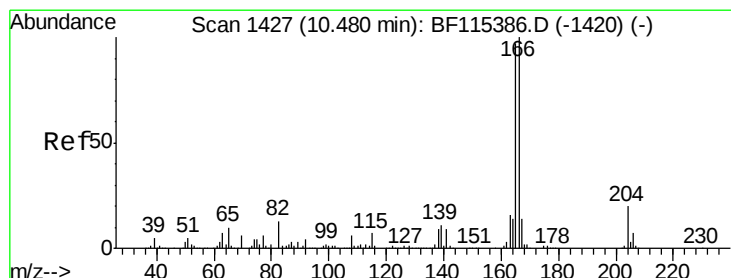
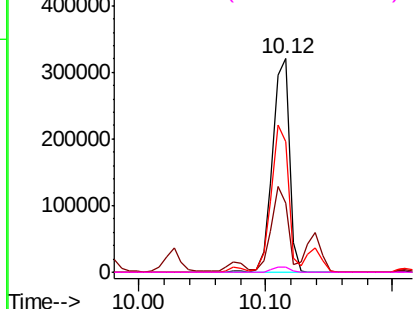
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

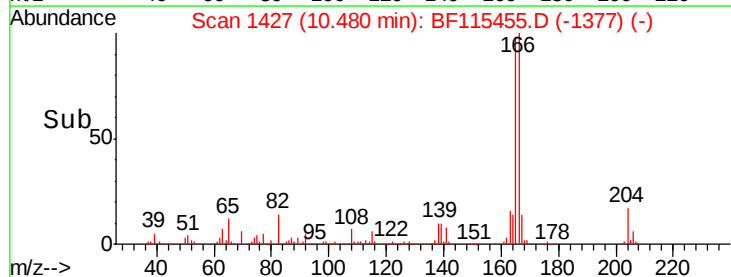
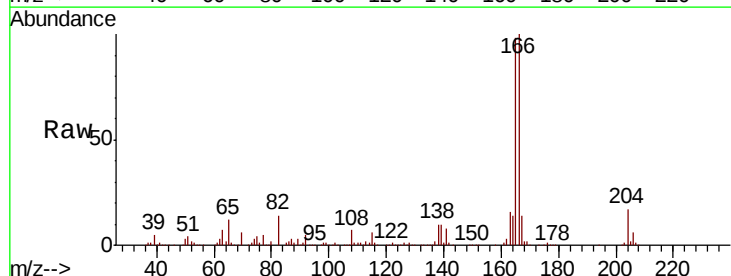
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.695 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.7	118.1
167	13.9	10.8	16.2

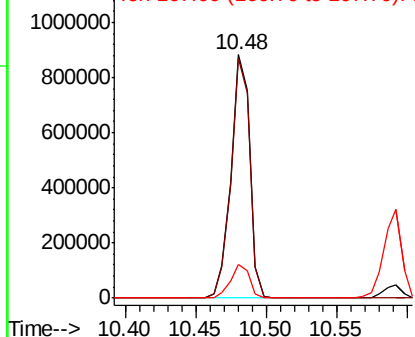


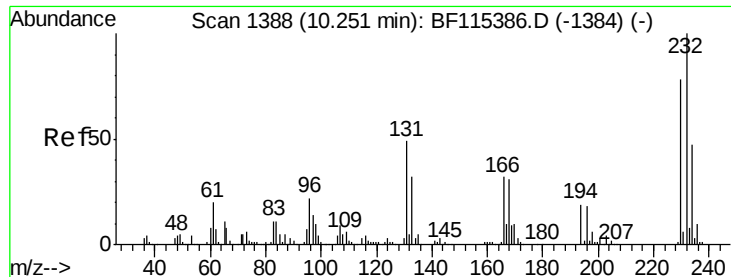
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

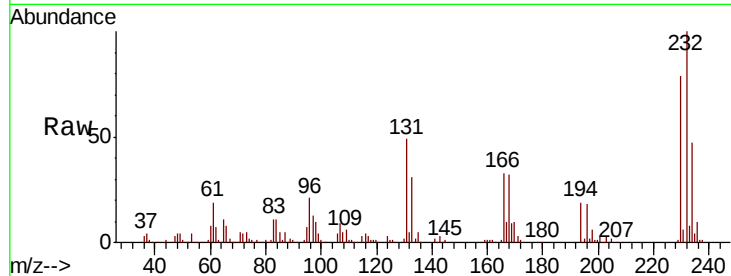




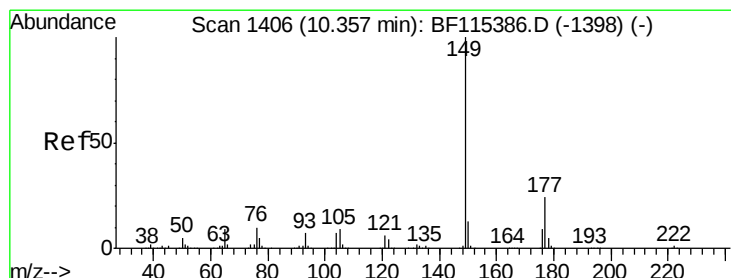
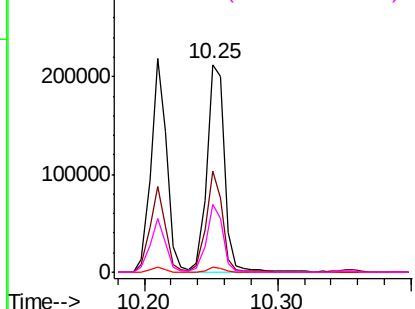
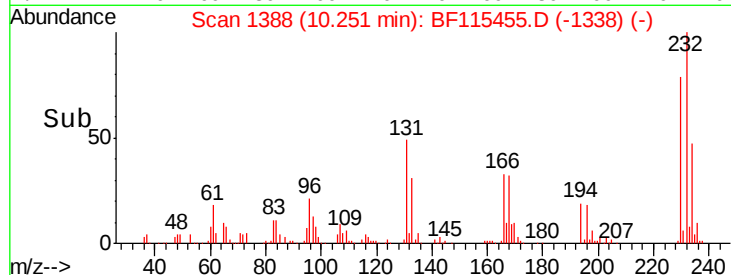
#59
2,3,4,6-Tetrachlorophenol
Concen: 34.055 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:232 Resp: 195660
Ion Ratio Lower Upper
232 100
131 45.3 35.4 53.0
130 2.1 1.7 2.5
166 30.6 24.8 37.2

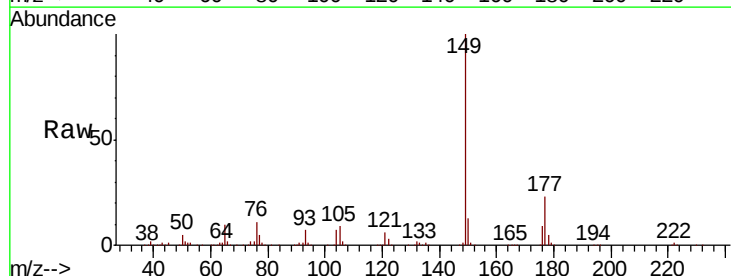


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

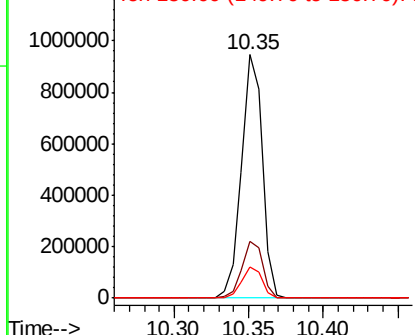
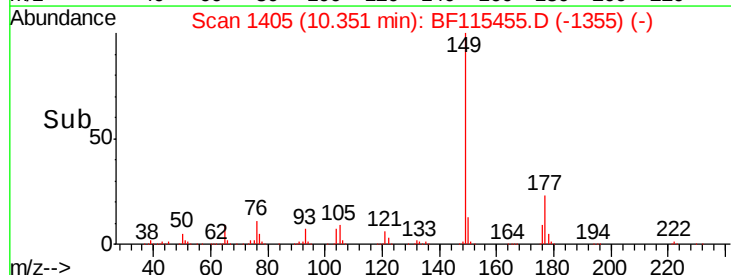


#60
Diethylphthalate
Concen: 40.672 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:149 Resp: 920179
Ion Ratio Lower Upper
149 100
177 23.4 19.0 28.4
150 12.9 10.4 15.6



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

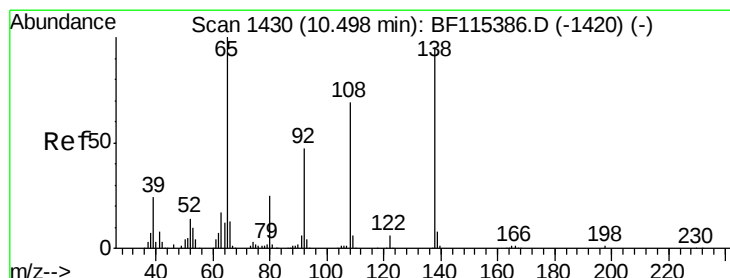
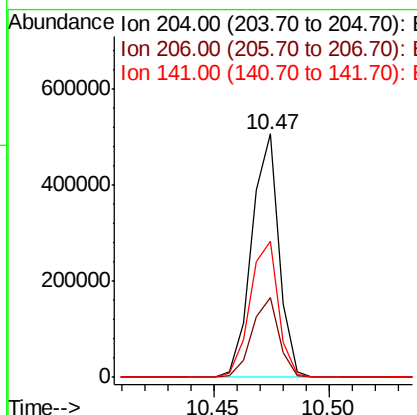
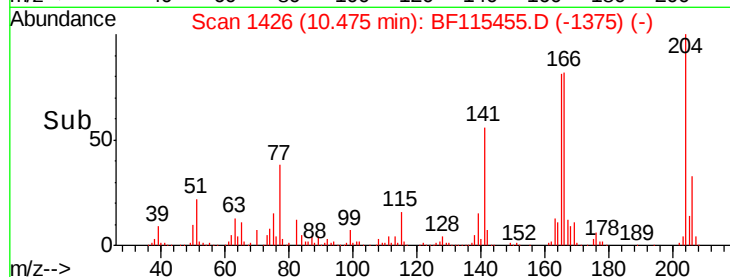
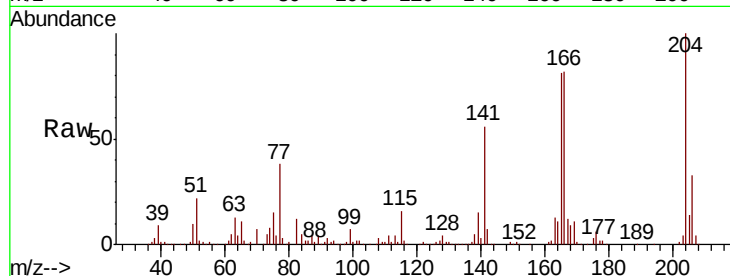




#61
 4-Chlorophenyl-phenylether
 Concen: 40.684 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

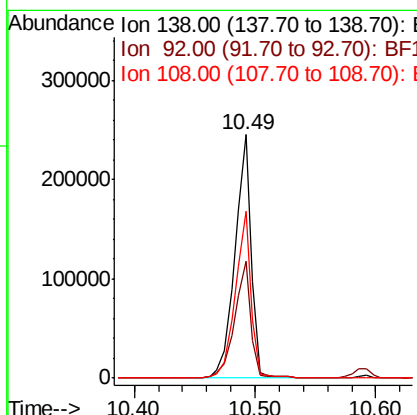
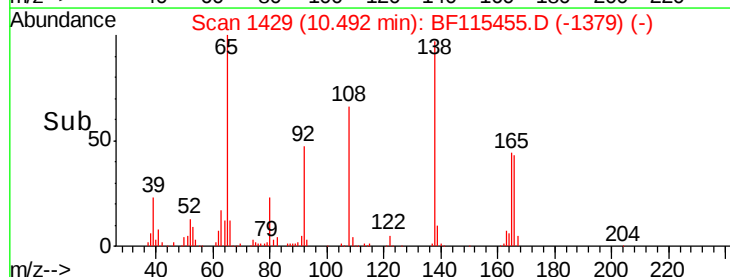
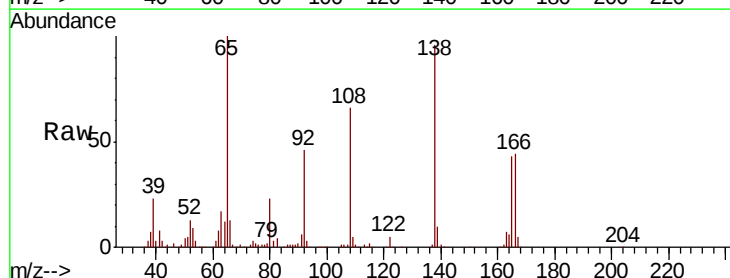
Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MS

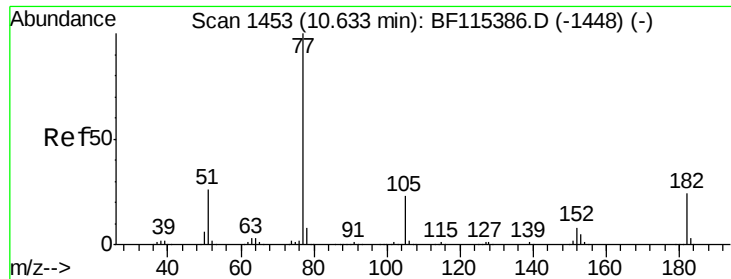
Tot Ion:204 Resp: 418063
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.8 40.2
 141 56.0 47.9 71.9



#62
 4-Nitroaniline
 Concen: 40.867 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

Tgt Ion:138 Resp: 232251
 Ion Ratio Lower Upper
 138 100
 92 48.2 29.9 69.9
 108 68.4 49.0 89.0

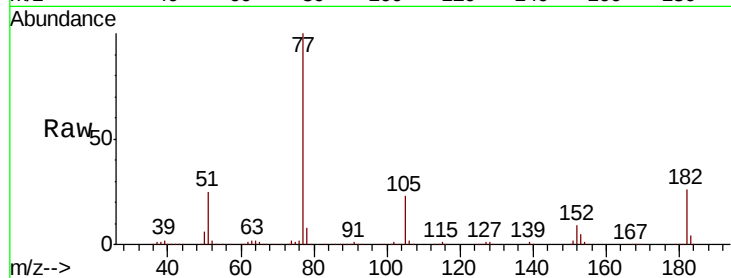




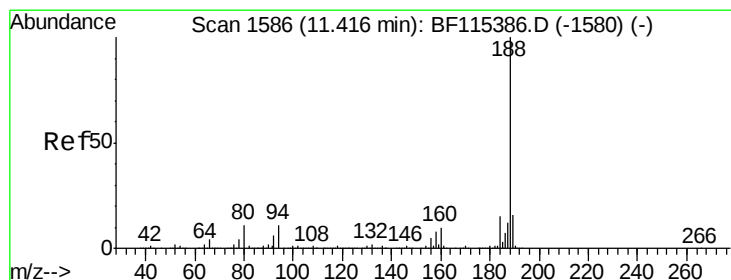
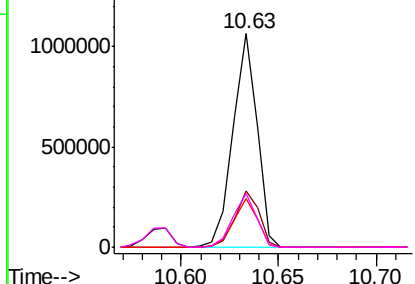
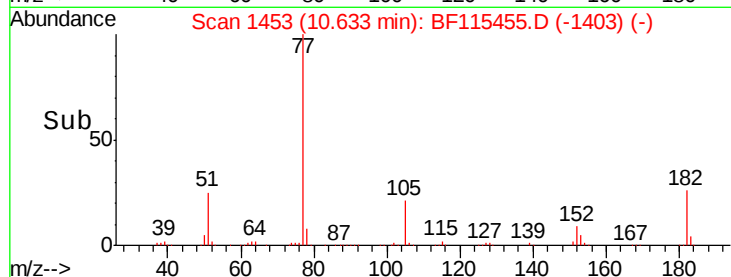
#63
Azobenzene
Concen: 39.120 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:	77	Resp:	912323
Ion	Ratio	Lower	Upper
77	100		
182	26.1	7.7	47.7
105	22.6	3.6	43.6
51	25.4	4.8	44.8

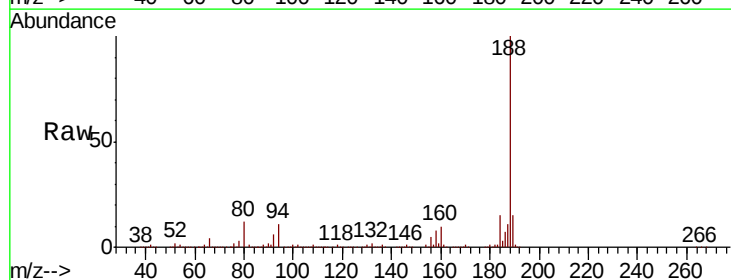


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

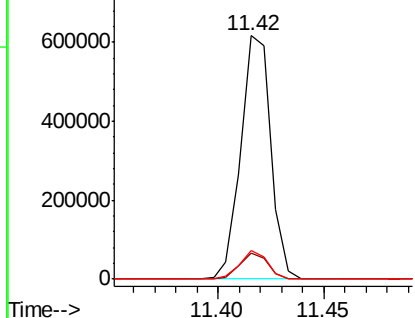
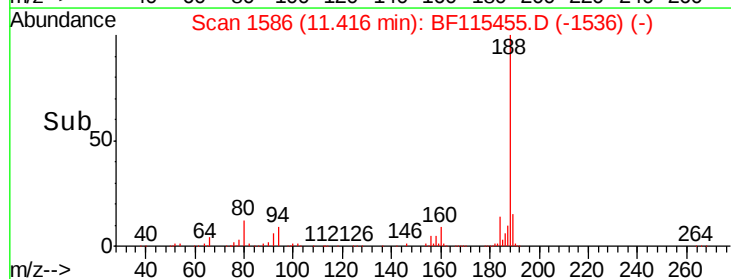


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:	188	Resp:	607065
Ion	Ratio	Lower	Upper
188	100		
94	10.6	7.8	11.8
80	11.8	8.4	12.6



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

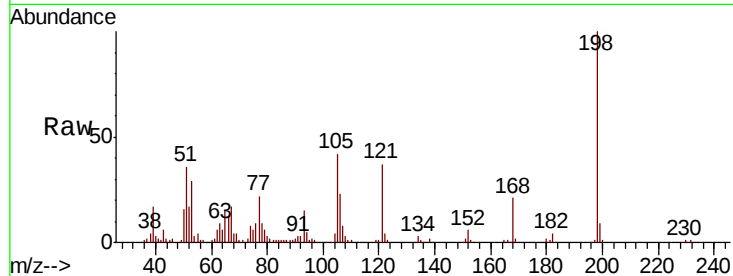




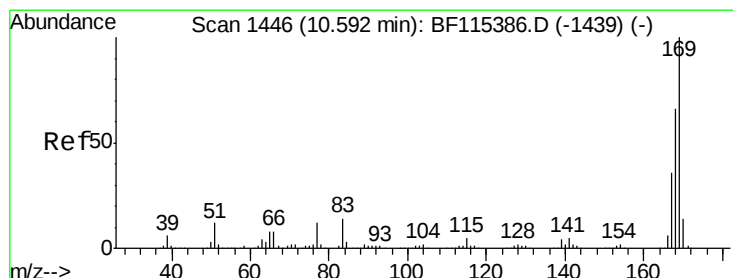
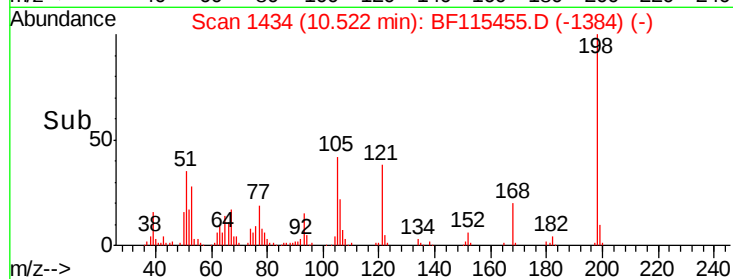
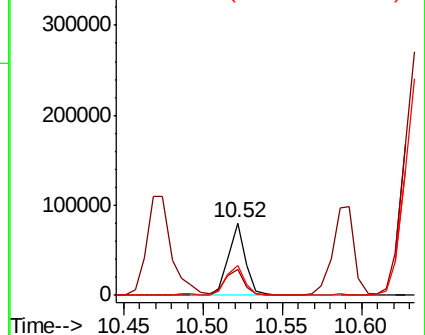
#65
4,6-Dinitro-2-methylphenol
Concen: 25.396 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:198 Resp: 61035
Ion Ratio Lower Upper
198 100
51 35.8 20.7 60.7
105 42.1 25.3 65.3

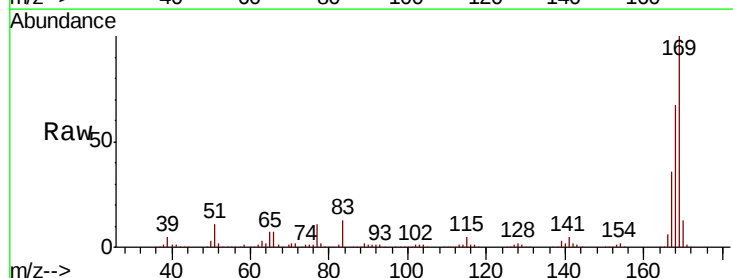


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

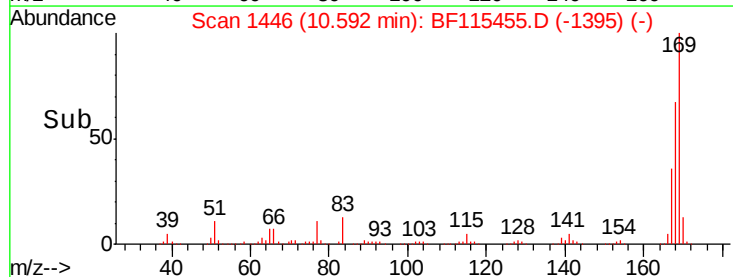
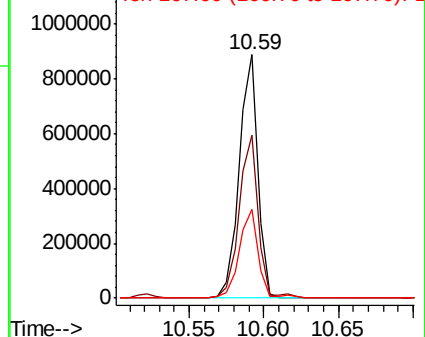


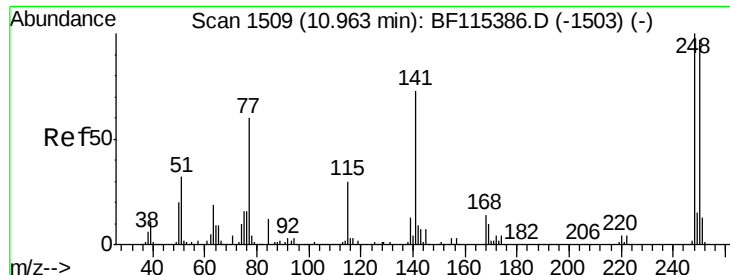
#66
n-Nitrosodiphenylamine
Concen: 40.605 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:169 Resp: 776675
Ion Ratio Lower Upper
169 100
168 66.8 53.2 79.8
167 36.4 29.4 44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

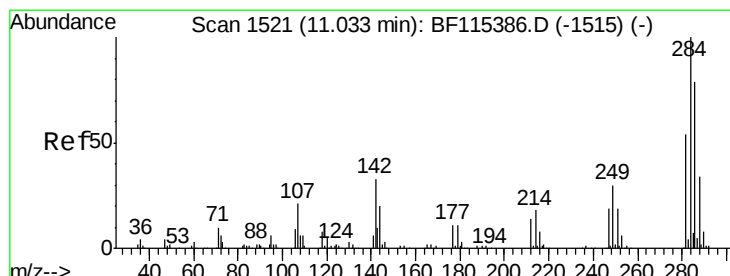
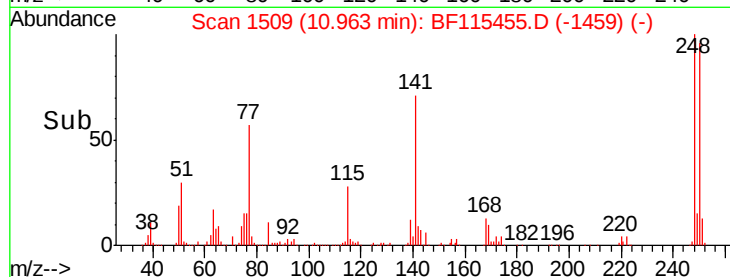
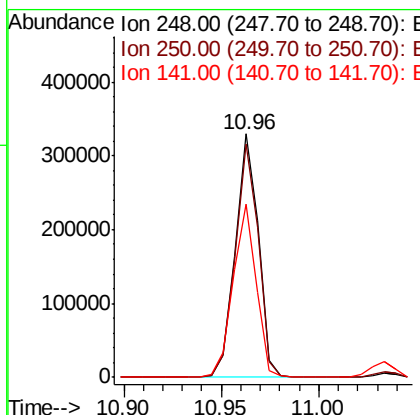
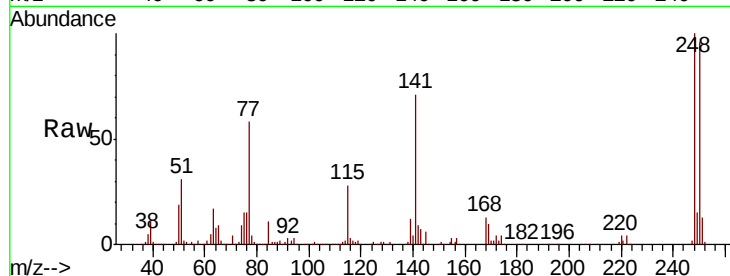




#67
4-Bromophenyl-phenylether
Concen: 39.730 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

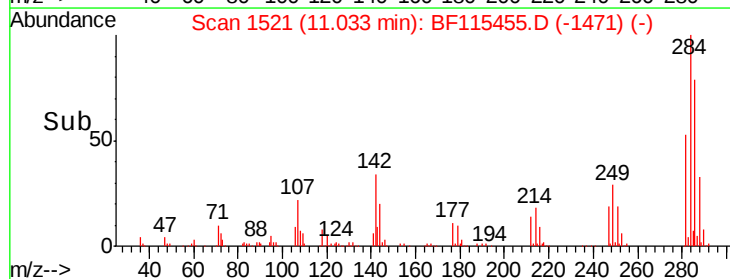
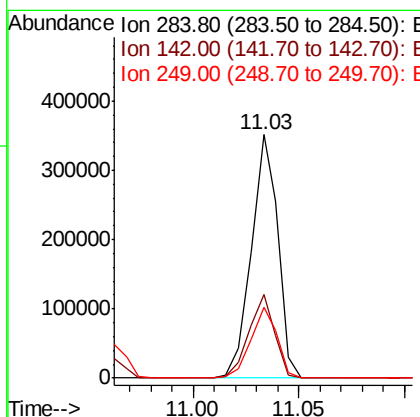
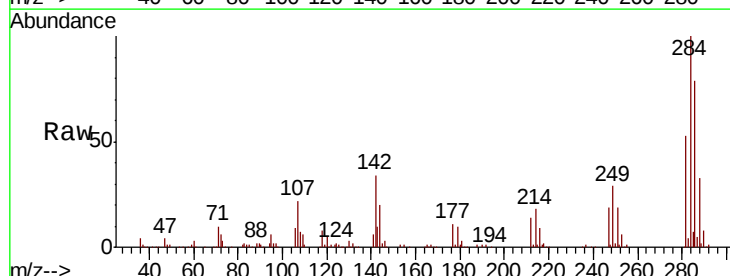
Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

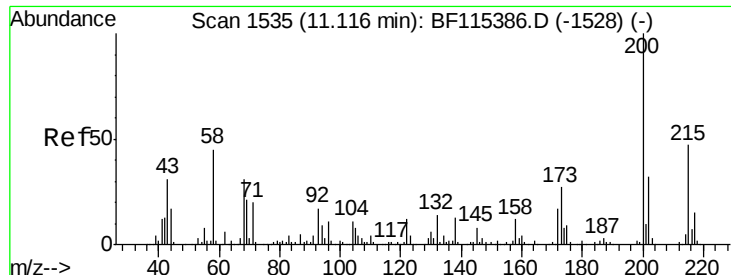
Tot Ion:248 Resp: 270627
Ion Ratio Lower Upper
248 100
250 96.0 78.3 117.5
141 71.2 52.2 78.2



#68
Hexachlorobenzene
Concen: 40.203 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:284 Resp: 307297
Ion Ratio Lower Upper
284 100
142 34.3 23.9 35.9
249 29.3 23.6 35.4





#69

Atrazine

Concen: 43.522 ng

RT: 11.12 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

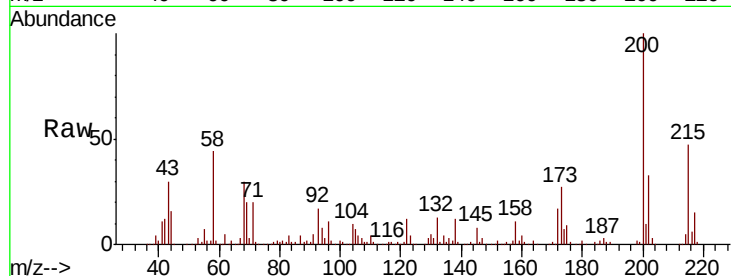
Tot Ion:200 Resp: 257629

Ion Ratio Lower Upper

200 100

173 26.9 7.0 47.0

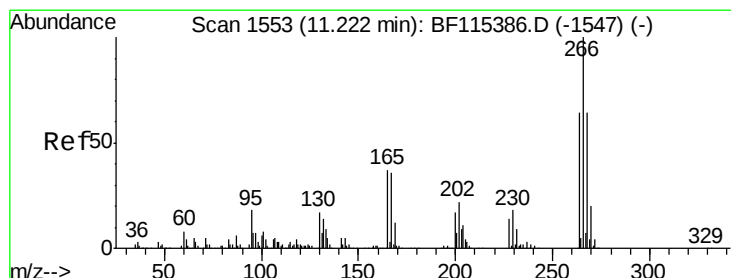
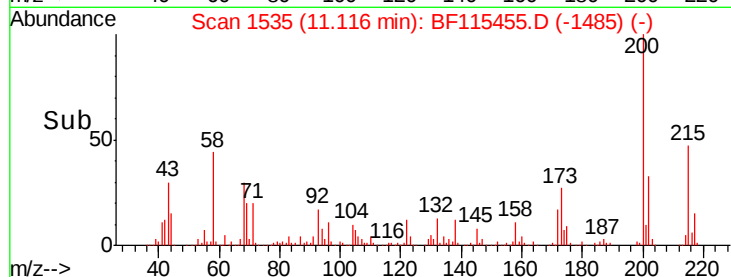
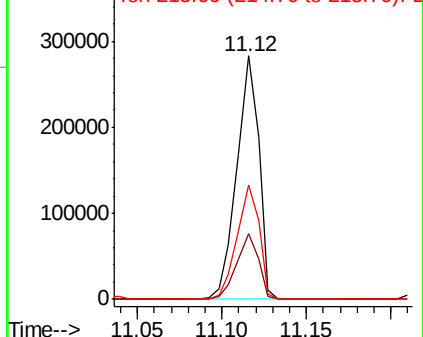
215 46.8 27.8 67.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 46.847 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

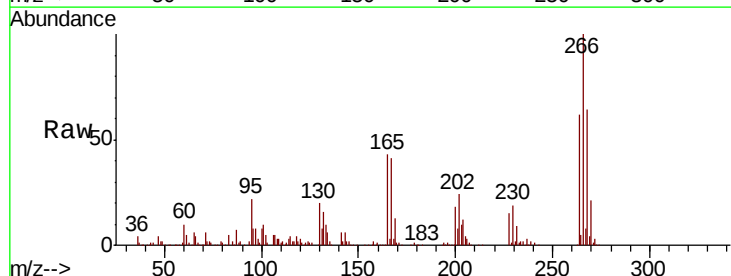
Tgt Ion:266 Resp: 218223

Ion Ratio Lower Upper

266 100

268 63.7 51.2 76.8

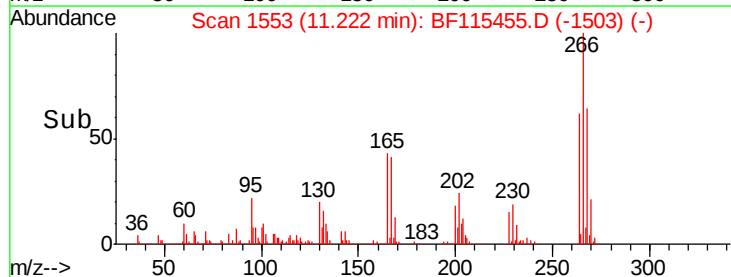
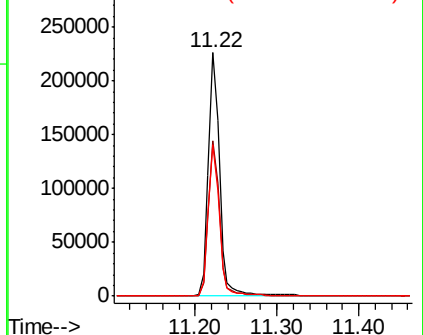
264 62.3 50.6 75.8

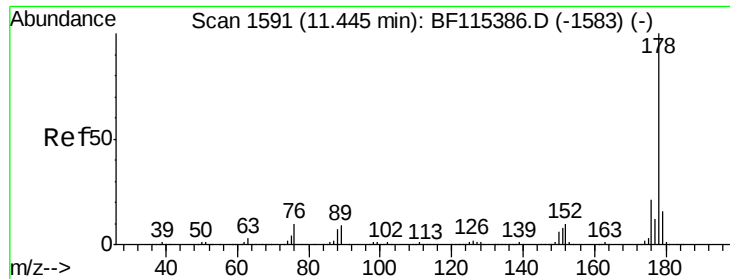


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

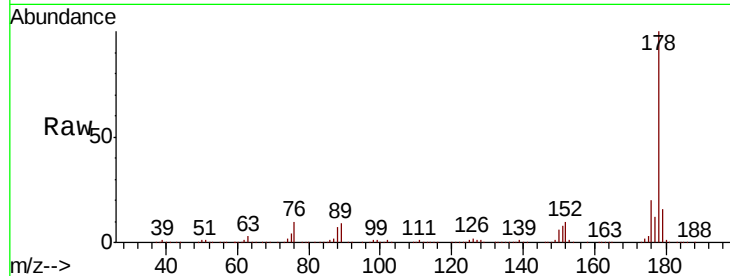




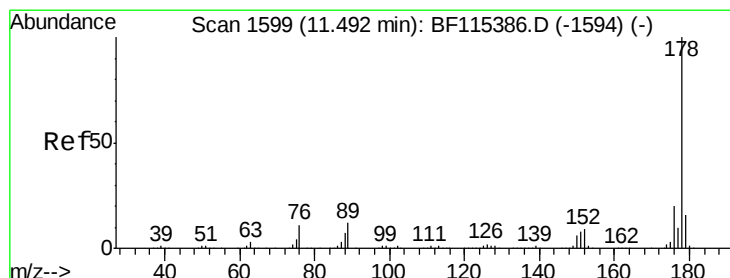
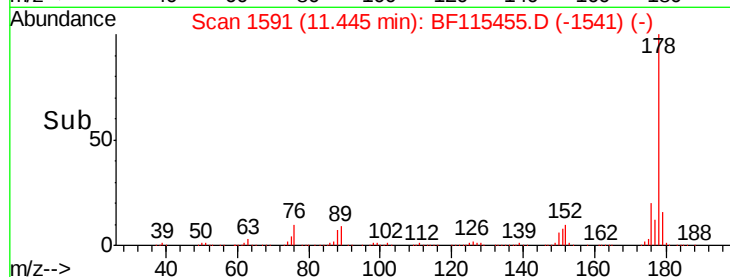
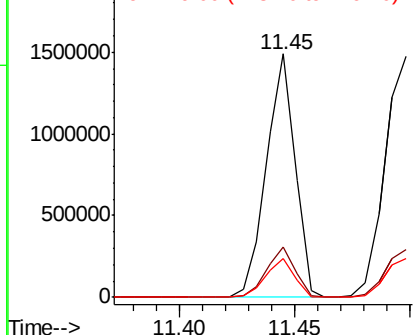
#71
Phenanthrene
Concen: 40.460 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:178 Resp: 1291778
Ion Ratio Lower Upper
178 100
176 20.5 16.6 24.8
179 15.9 12.7 19.1

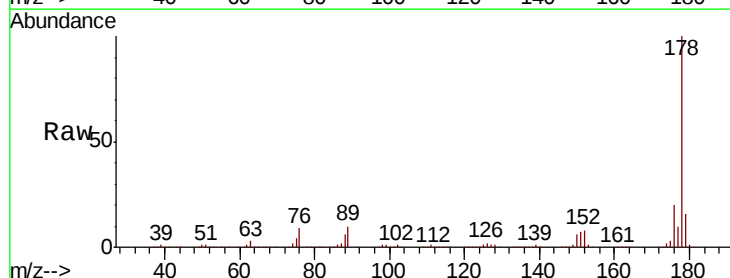


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

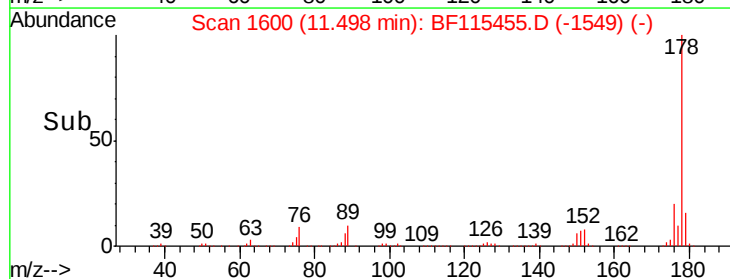
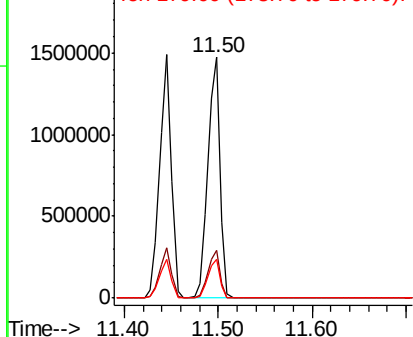


#72
Anthracene
Concen: 42.139 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:178 Resp: 1349099
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 16.1 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

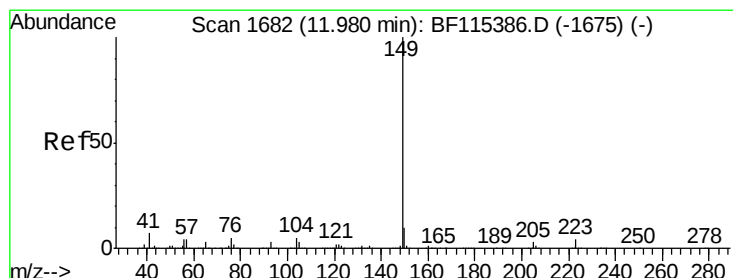
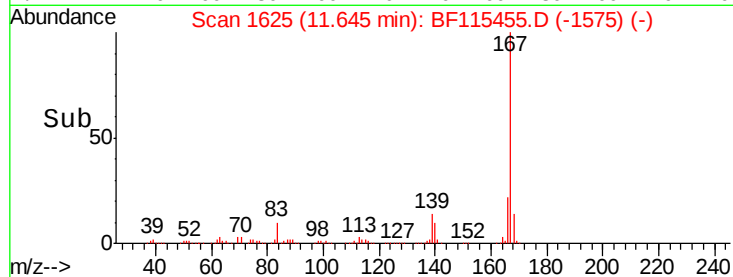
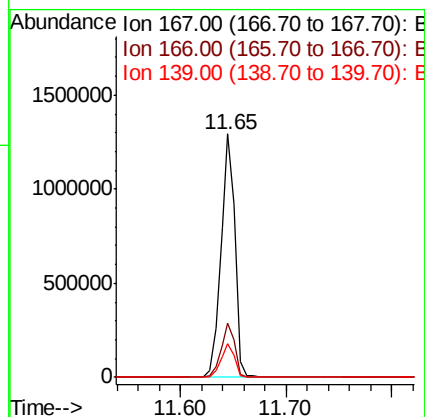
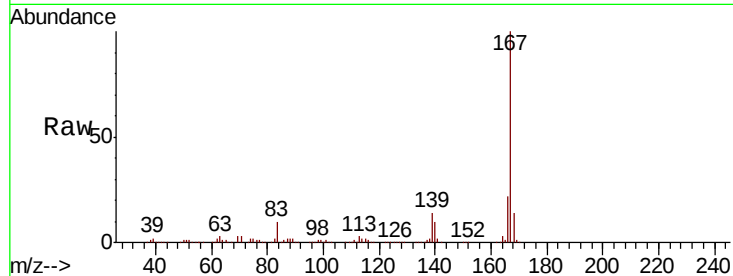




#73
 Carbazole
 Concen: 41.412 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

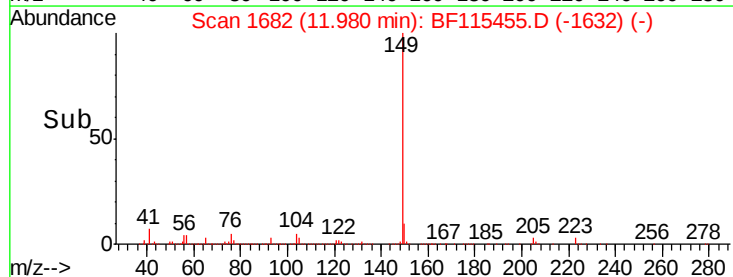
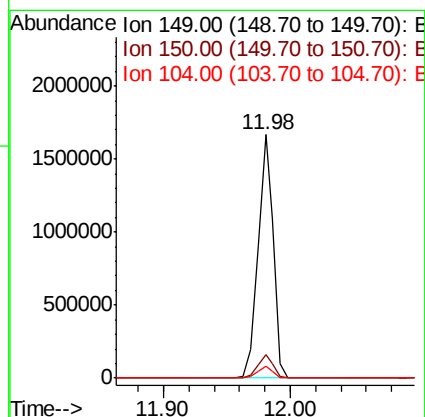
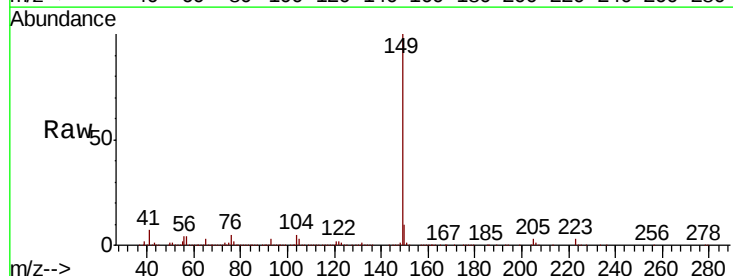
Instrument :
 BNA_F
 ClientSampleId :
 SP19-JMW0991MS

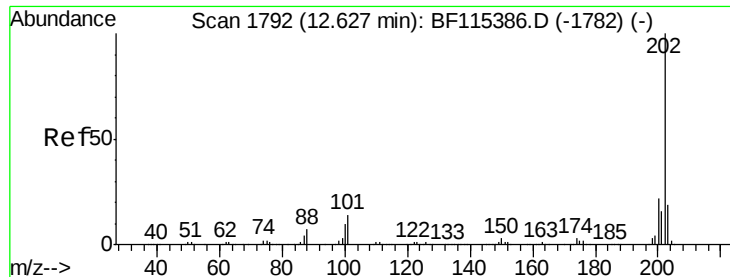
Tot Ion:167 Resp: 1212939
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.8 26.8
 139 13.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 39.712 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115455.D
 Acq: 10 Jul 2019 15:05

Tgt Ion:149 Resp: 1405696
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.6 11.4
 104 5.1 3.9 5.9





#75

Fluoranthene

Concen: 41.057 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

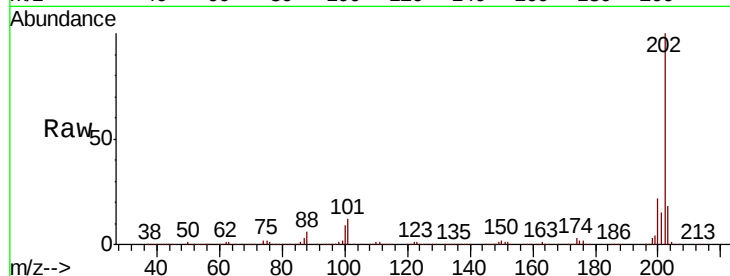
Tot Ion:202 Resp: 1380173

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.9

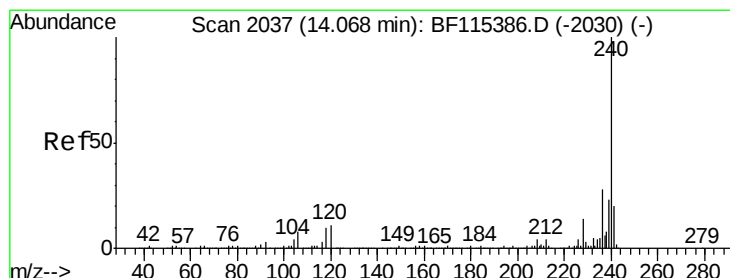
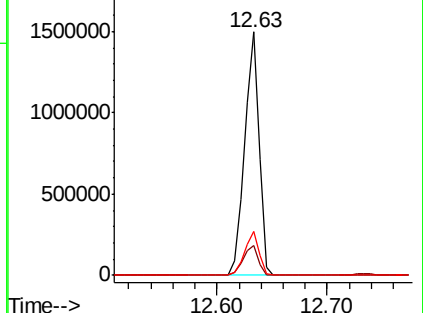
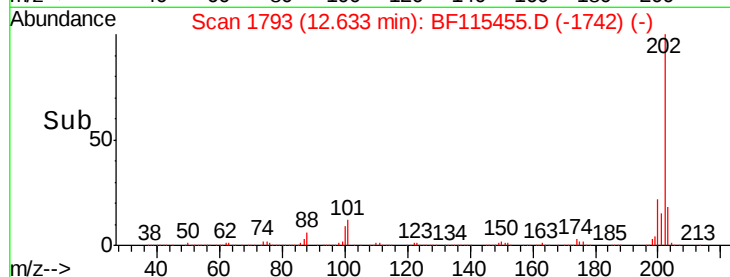
203 17.9 0.0 38.4



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: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

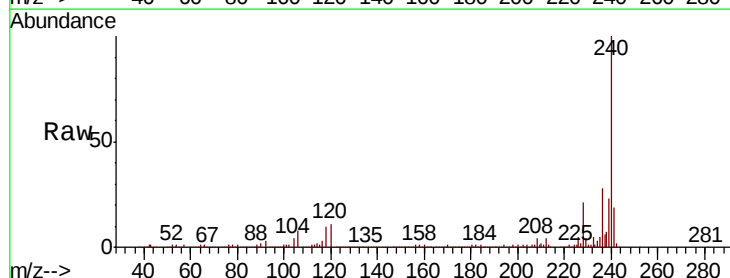
Tgt Ion:240 Resp: 410260

Ion Ratio Lower Upper

240 100

120 11.0 10.2 15.4

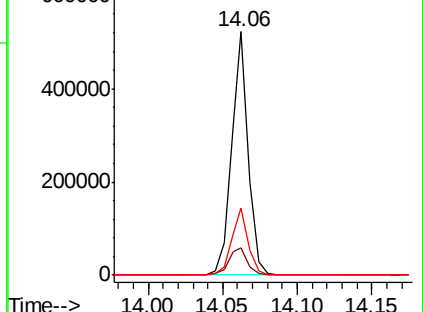
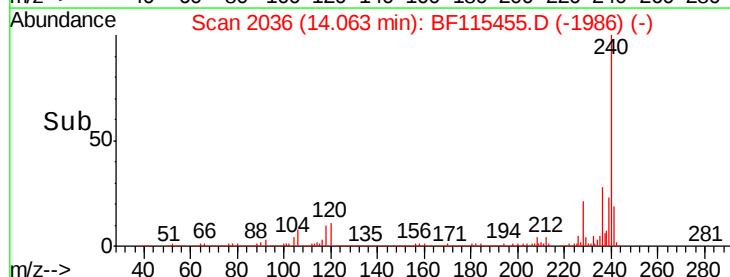
236 27.5 21.1 31.7

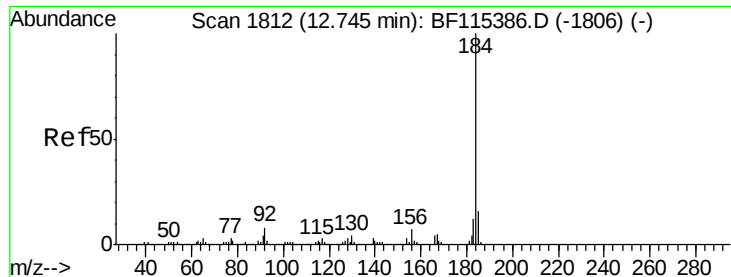


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 22.804 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

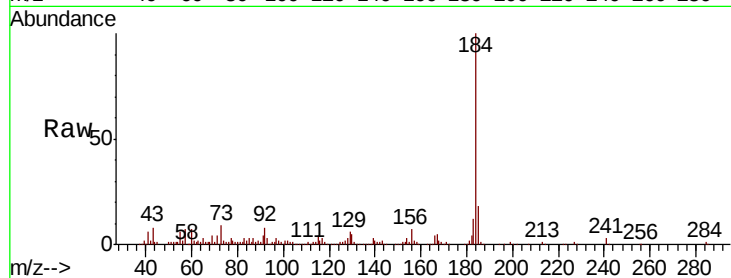
Tot Ion:184 Resp: 364839

Ion Ratio Lower Upper

184 100

185 17.8 13.0 19.6

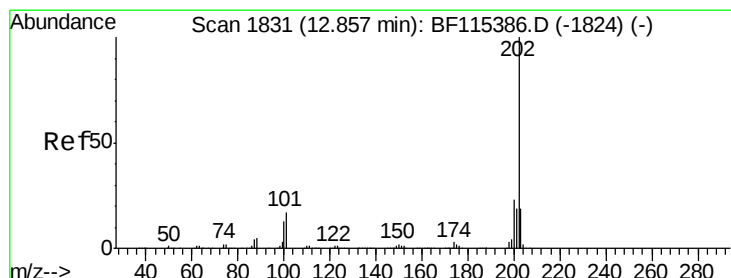
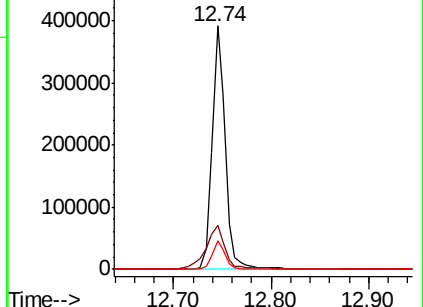
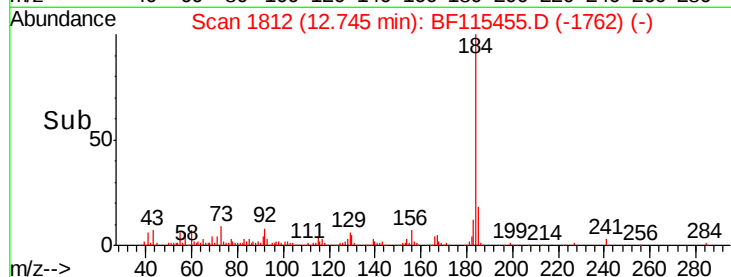
183 11.7 9.7 14.5



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: 43.718 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

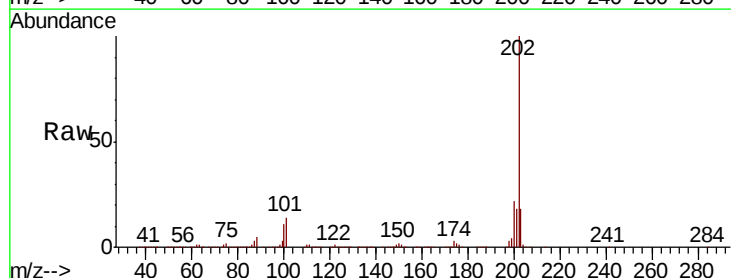
Tgt Ion:202 Resp: 1394779

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

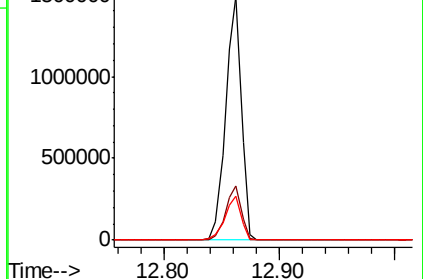
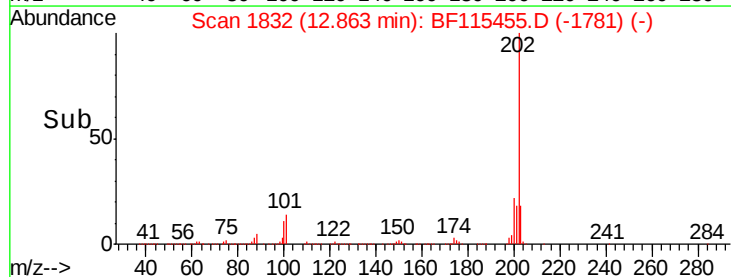
203 17.9 14.7 22.1

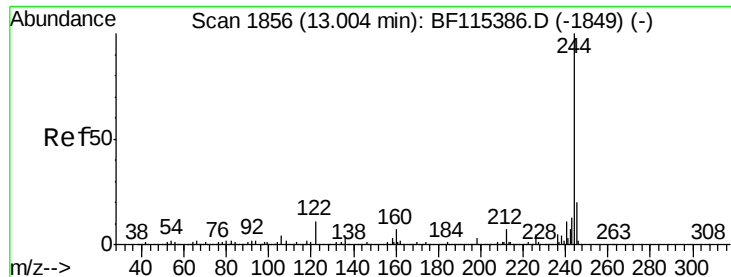


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.068 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

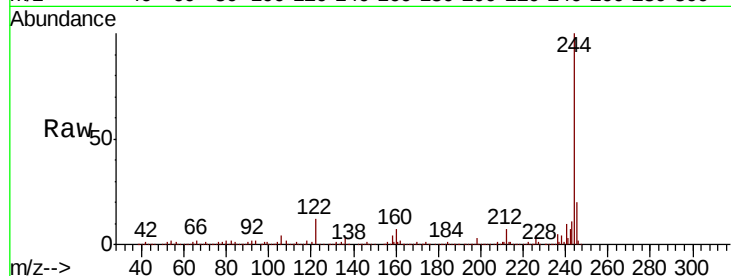
Tot Ion:244 Resp: 1704516

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

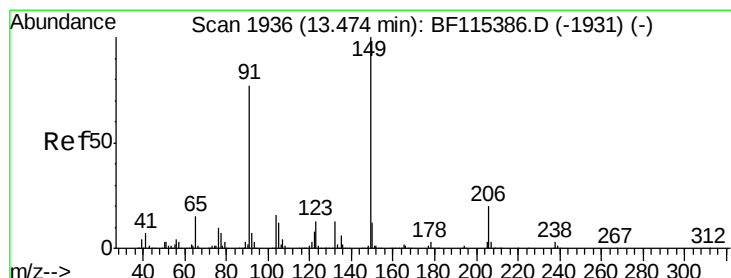
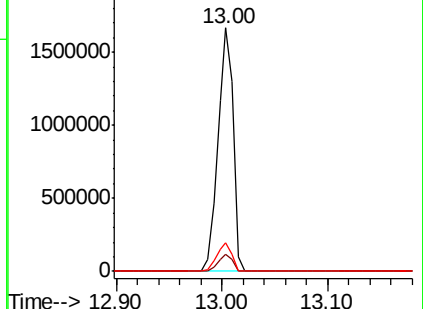
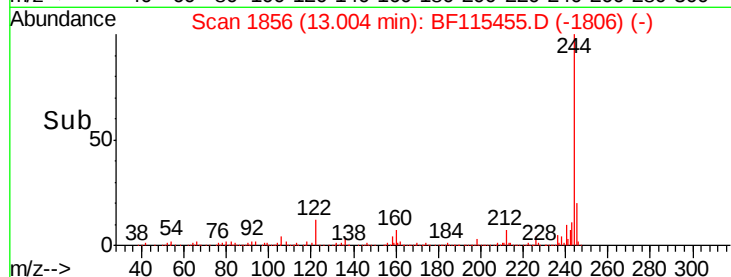
122 11.8 9.1 13.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.388 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

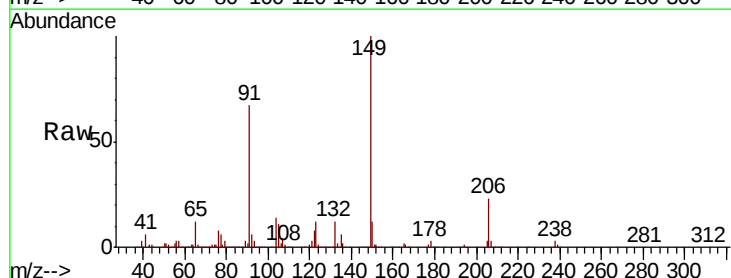
Tgt Ion:149 Resp: 590866

Ion Ratio Lower Upper

149 100

91 66.8 57.8 86.6

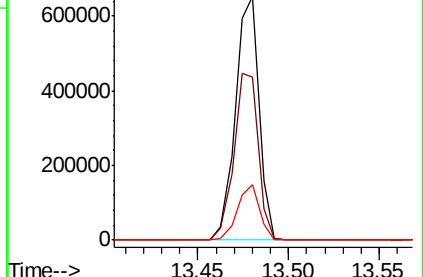
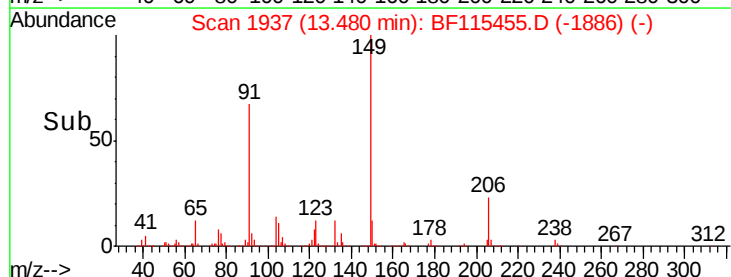
206 22.7 16.9 25.3

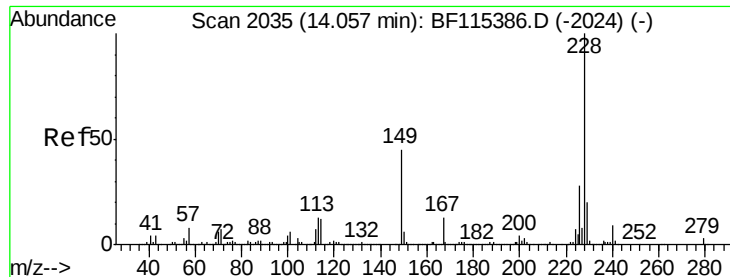


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.668 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

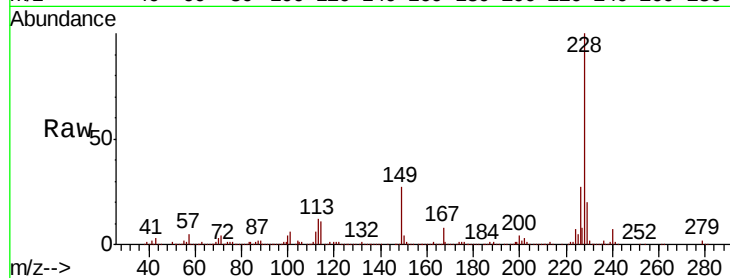
Tot Ion:228 Resp: 1095317

Ion Ratio Lower Upper

228 100

226 27.3 22.6 34.0

229 20.0 16.4 24.6

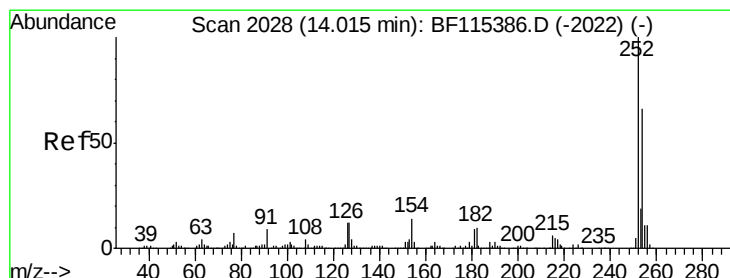
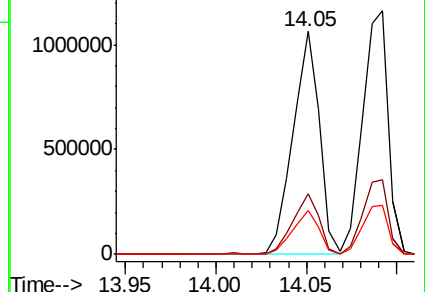
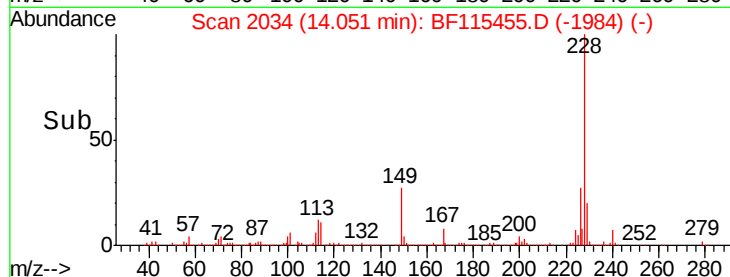


Abundance

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: 30.803 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

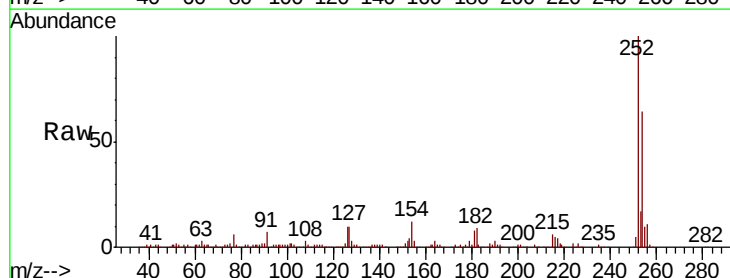
Tgt Ion:252 Resp: 293804

Ion Ratio Lower Upper

252 100

254 63.6 52.9 79.3

126 10.3 10.0 15.0

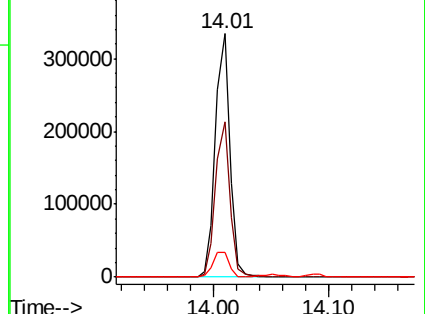
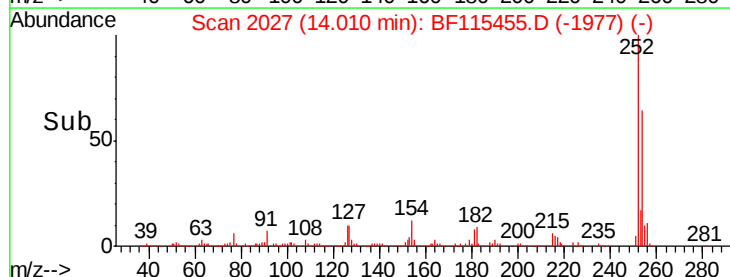


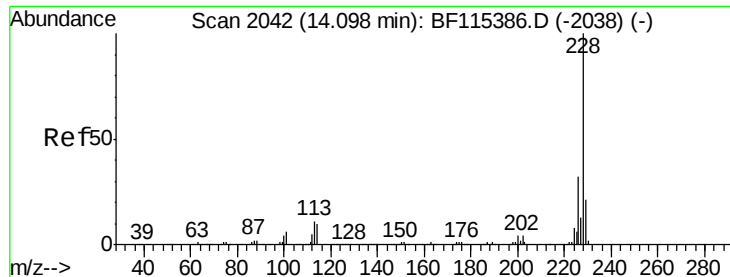
Abundance

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: 42.224 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :

BNA_F

ClientSampleId :

SP19-JMW0991MS

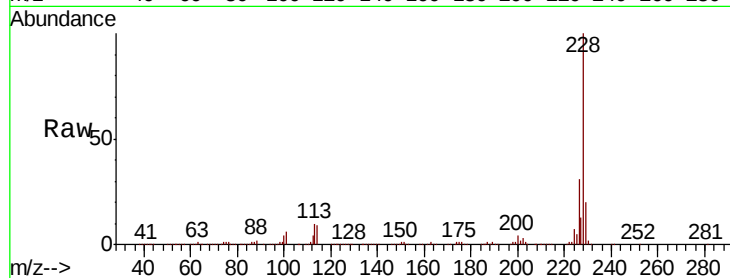
Tot Ion:228 Resp: 1140423

Ion Ratio Lower Upper

228 100

226 30.9 25.1 37.7

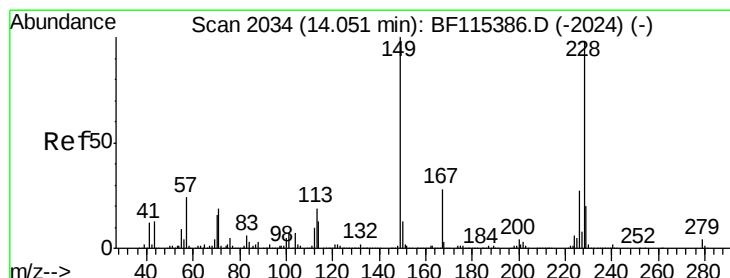
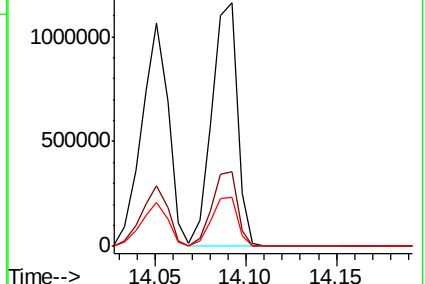
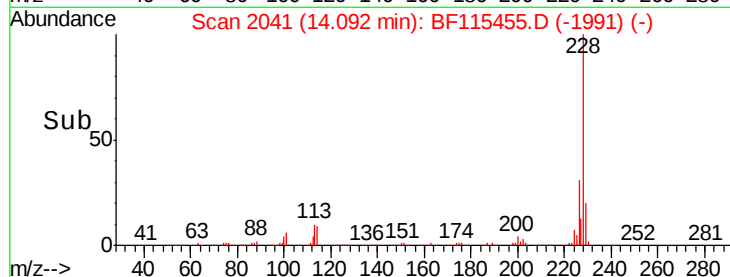
229 20.0 16.1 24.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.199 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

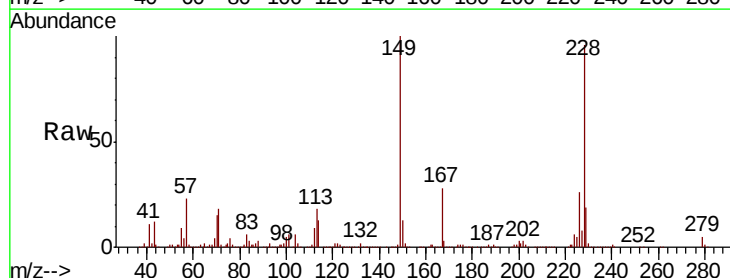
Tgt Ion:149 Resp: 711202

Ion Ratio Lower Upper

149 100

167 28.0 22.6 34.0

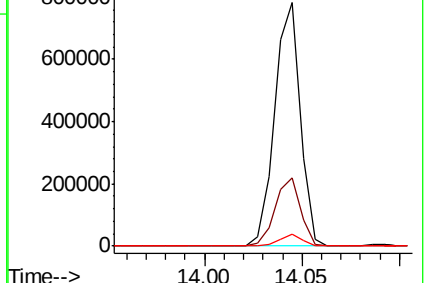
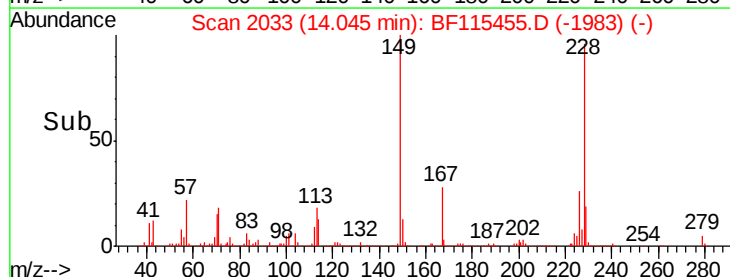
279 4.7 3.8 5.6

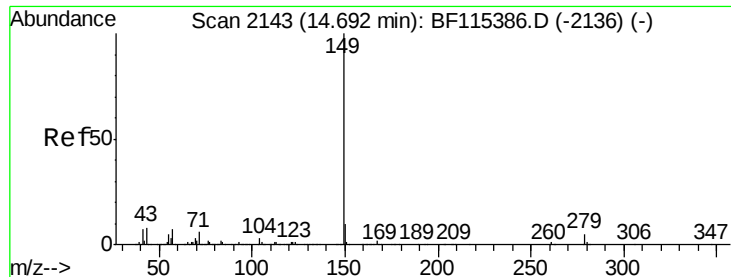


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

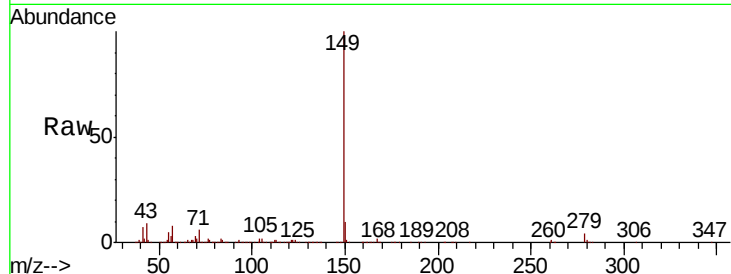




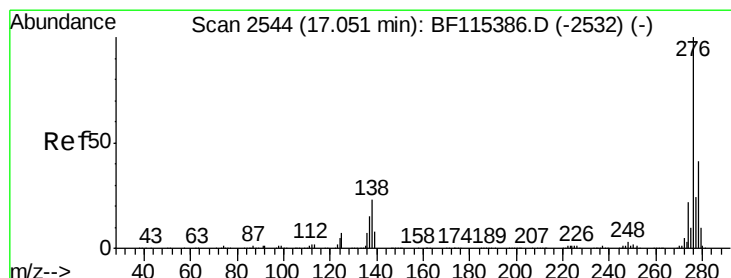
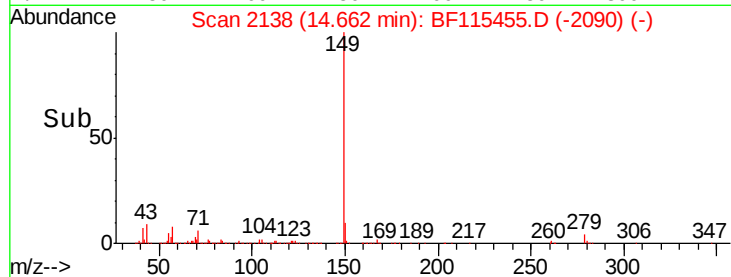
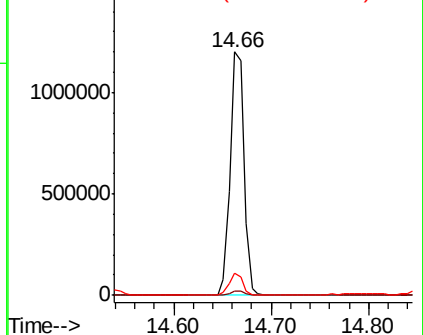
#85
Di-n-octyl phthalate
Concen: 38.687 ng
RT: 14.66 min Scan# 2138
Delta R.T. -0.02 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:149 Resp: 1188892
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.3 7.0 10.6

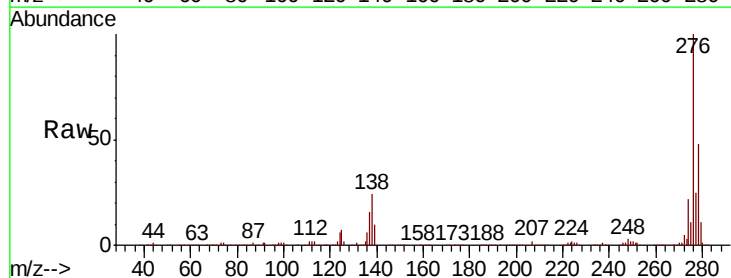


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

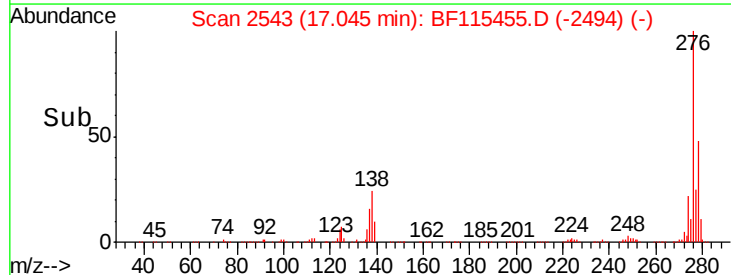
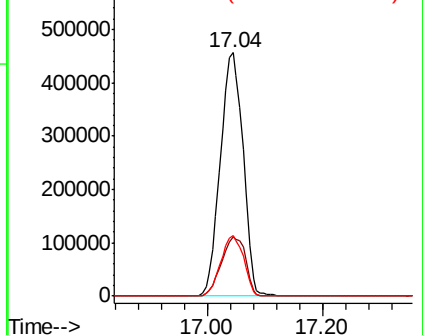


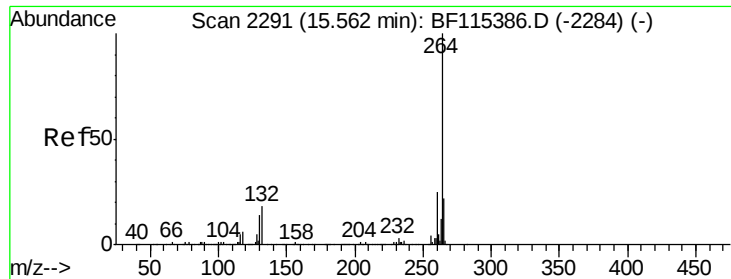
#86
Indeno(1,2,3-cd)pyrene
Concen: 58.290 ng
RT: 17.04 min Scan# 2543
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:276 Resp: 1250925
Ion Ratio Lower Upper
276 100
138 25.8 20.6 31.0
277 25.1 20.2 30.2



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: 15.54 min Scan# 2288

Delta R.T. -0.02 min

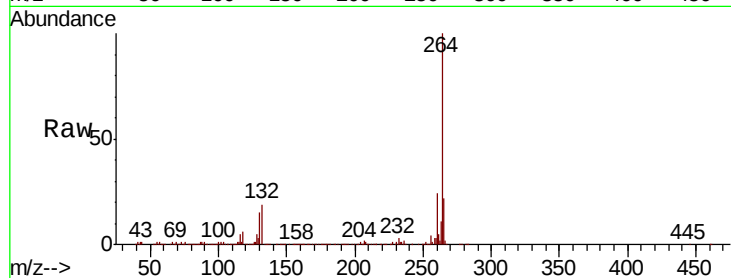
Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:264 Resp: 419732

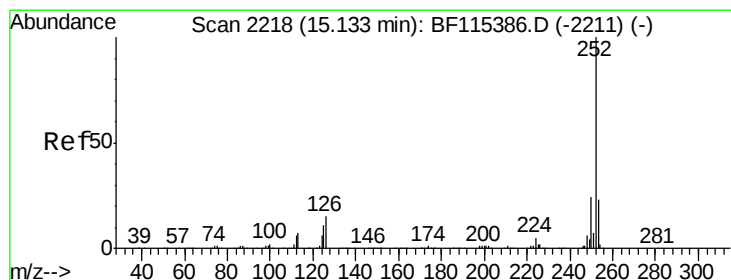
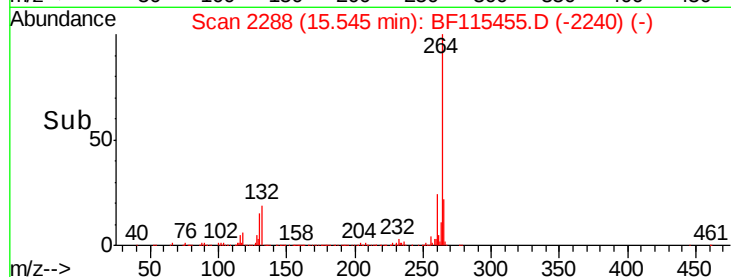
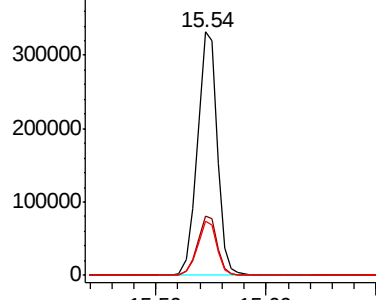
Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	22.1	17.8	26.6



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: 37.328 ng

RT: 15.12 min Scan# 2215

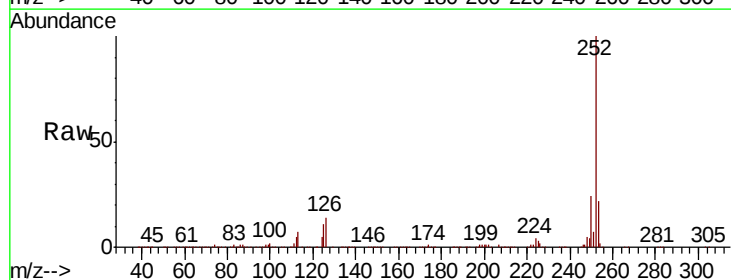
Delta R.T. -0.02 min

Lab File: BF115455.D

Acq: 10 Jul 2019 15:05

Tgt Ion:252 Resp: 1020124

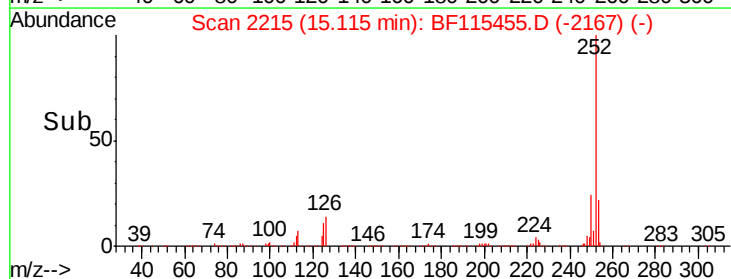
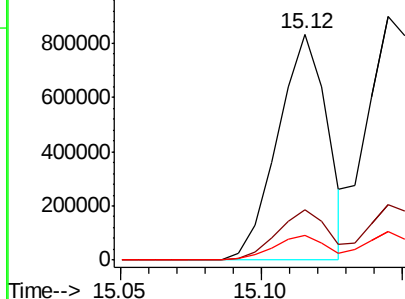
Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	10.9	8.5	12.7

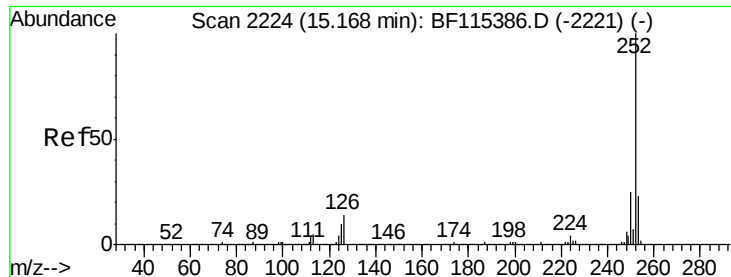


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

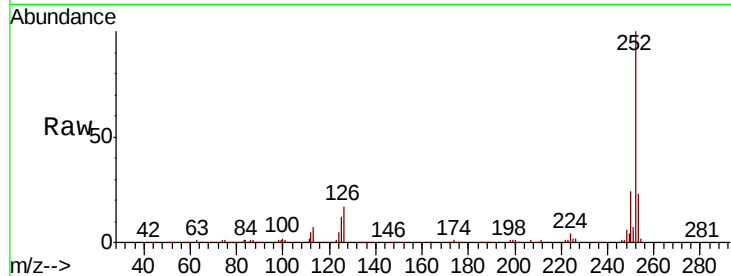




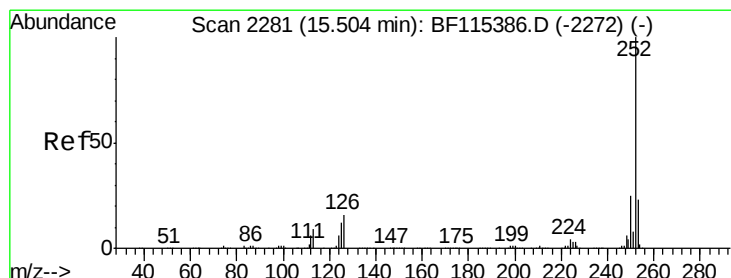
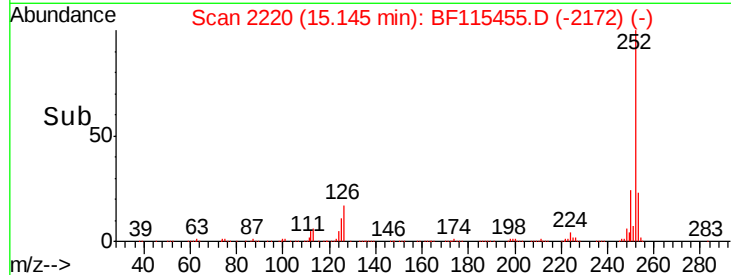
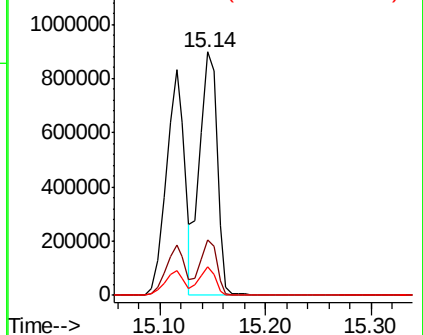
#89
Benzo(k)fluoranthene
Concen: 42.324 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:252 Resp: 1028644
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.5 8.6 13.0

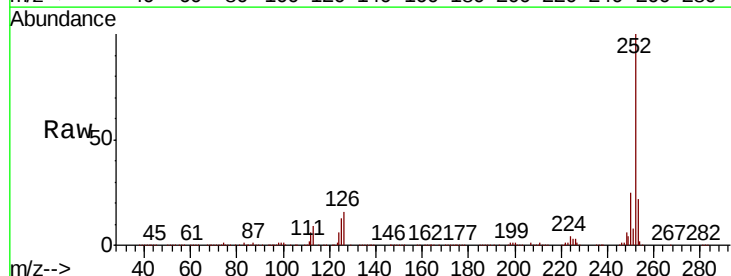


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

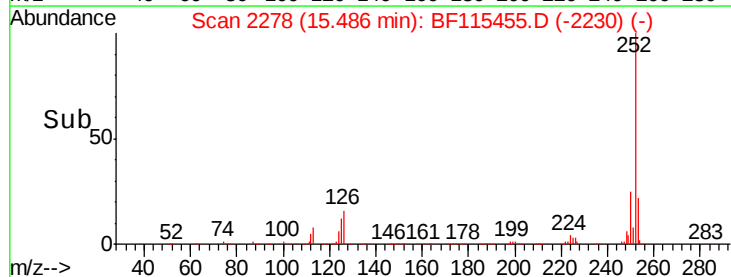
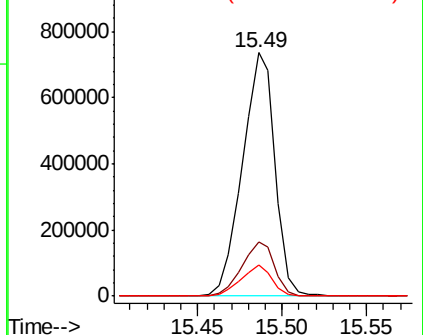


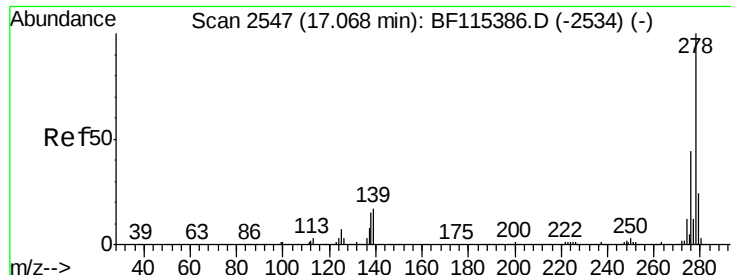
#90
Benzo(a)pyrene
Concen: 41.960 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:252 Resp: 989032
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.9 9.7 14.5



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

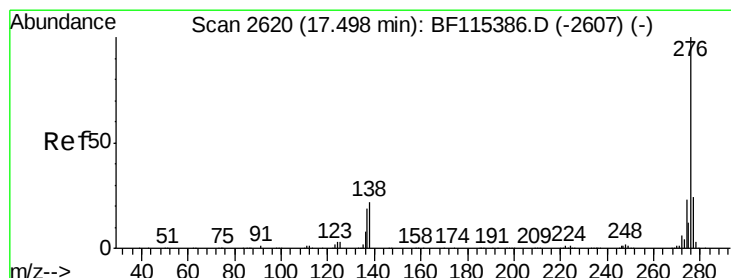
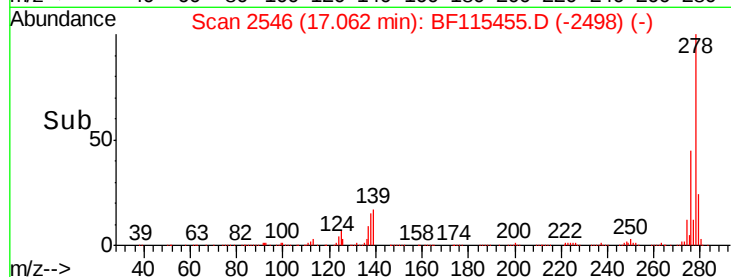
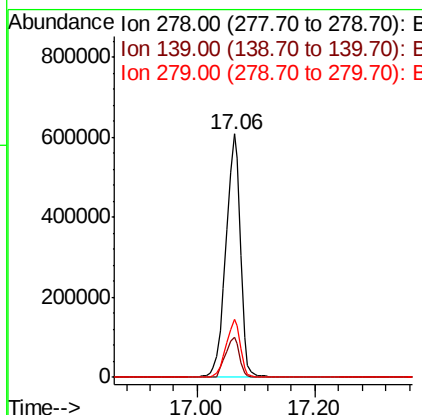
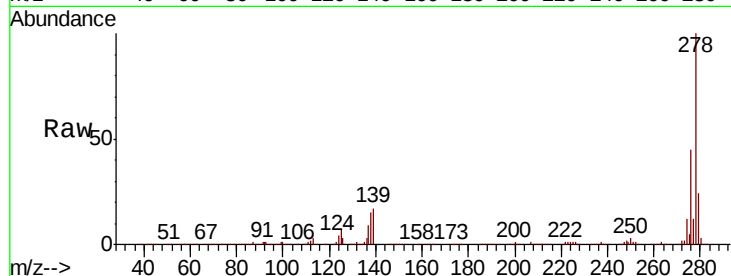




#91
Dibenzo(a,h)anthracene
Concen: 51.812 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Instrument :
BNA_F
ClientSampleId :
SP19-JMW0991MS

Tot Ion:278 Resp: 1043598
Ion Ratio Lower Upper
278 100
139 16.6 13.0 19.6
279 23.8 19.4 29.2



#92
Benzo(g,h,i)perylene
Concen: 56.608 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BF115455.D
Acq: 10 Jul 2019 15:05

Tgt Ion:276 Resp: 1079213
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 22.9 17.8 26.8

