

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117239.D
 Acq On : 25 Sep 2019 14:51
 Operator : JU
 Sample : K5008-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:28:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	39194	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	161296	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	82643	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	126776	20.00	ng	0.00
76) Chrysene-d12	13.99	240	76110	20.00	ng	0.01
87) Perylene-d12	15.47	264	67110	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	226443	90.20	ng	0.01
7) Phenol-d6	6.46	99	319205	98.39	ng	0.00
23) Nitrobenzene-d5	7.38	82	196952	64.16	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	60372	87.41	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	322780	61.07	ng	0.00
79) Terphenyl-d14	12.92	244	267726	65.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	34578	32.916	ng	# 93
3) Pyridine	3.40	79	80572	28.022	ng	96
4) n-Nitrosodimethylamine	3.35	42	41194	41.748	ng	85
6) Aniline	6.48	93	101050	24.191	ng	# 57
8) 2-Chlorophenol	6.61	128	110150	40.672	ng	95
9) Benzaldehyde	6.36	77	75998	49.006	ng	94
10) Phenol	6.47	94	149450	41.785	ng	92
11) bis(2-Chloroethyl)ether	6.55	93	102939	39.160	ng	98
12) 1,3-Dichlorobenzene	6.76	146	114710	37.746	ng	99
13) 1,4-Dichlorobenzene	6.83	146	116487	37.560	ng	99
14) 1,2-Dichlorobenzene	6.99	146	108671	37.635	ng	98
15) Benzyl Alcohol	6.96	79	104213	41.887	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	96323	37.089	ng	# 40
17) 2-Methylphenol	7.08	107	93506	41.196	ng	# 91
18) Hexachloroethane	7.33	117	44550	37.340	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	82520	41.770	ng	92
20) 3+4-Methylphenols	7.23	107	119957	42.429	ng	# 70
22) Acetophenone	7.23	105	167376	40.843	ng	99
24) Nitrobenzene	7.40	77	126112	41.600	ng	97
25) Isophorone	7.64	82	225580	41.502	ng	99
26) 2-Nitrophenol	7.72	139	56735	43.570	ng	99
27) 2,4-Dimethylphenol	7.76	122	94170	45.604	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	131879	39.381	ng	98
29) 2,4-Dichlorophenol	7.96	162	89866	41.533	ng	95
30) 1,2,4-Trichlorobenzene	8.04	180	89995	38.499	ng	99
31) Naphthalene	8.12	128	315768	40.706	ng	99
32) Benzoic acid	7.89	122	39254	28.311	ng	97
33) 4-Chloroaniline	8.17	127	49057	14.258	ng	95
34) Hexachlorobutadiene	8.23	225	52699	39.736	ng	98
35) Caprolactam	8.55	113	17258	23.565	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	103344	40.962	ng	99
37) 2-Methylnaphthalene	8.81	142	216882	41.519	ng	99
38) 1-Methylnaphthalene	8.91	142	201825	41.252	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	85981	40.290	ng	99

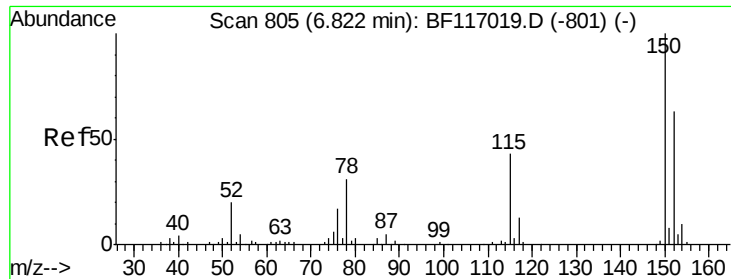
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092519\
 Data File : BF117239.D
 Acq On : 25 Sep 2019 14:51
 Operator : JU
 Sample : K5008-07MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:28:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	55313	60.733	nq	96
43) 2,4,6-Trichlorophenol	9.10	196	57732	39.864	nq	96
44) 2,4,5-Trichlorophenol	9.15	196	62424	40.343	nq	95
46) 1,1'-Biphenyl	9.27	154	260464	40.179	nq	97
47) 2-Chloronaphthalene	9.30	162	201979	39.479	nq	98
48) 2-Nitroaniline	9.40	65	64231	39.142	nq	92
49) Acenaphthylene	9.72	152	310727	40.543	nq	100
50) Dimethylphthalate	9.57	163	280512	47.938	nq	98
51) 2,6-Dinitrotoluene	9.64	165	49739	41.735	nq #	81
52) Acenaphthene	9.89	154	182664	40.206	nq	99
53) 3-Nitroaniline	9.81	138	33024	21.963	nq	86
54) 2,4-Dinitrophenol	9.93	184	20129	43.801	nq	94
55) Dibenzofuran	10.06	168	280307	41.817	nq	98
56) 4-Nitrophenol	9.99	139	55255	56.699	nq	91
57) 2,4-Dinitrotoluene	10.05	165	66688	43.108	nq #	88
58) Fluorene	10.40	166	229606	42.522	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.14	232	40681	34.357	nq	93
60) Diethylphthalate	10.27	149	238212	41.379	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	98738	42.264	nq	99
62) 4-Nitroaniline	10.43	138	51857	33.162	nq	89
63) Azobenzene	10.55	77	246964	42.003	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	19917	36.424	nq	78
66) n-Nitrosodiphenylamine	10.51	169	191764	43.799	nq	98
67) 4-Bromophenyl-phenylether	10.88	248	57150	44.142	nq	99
68) Hexachlorobenzene	10.96	284	60354	42.621	nq	96
69) Atrazine	11.04	200	51640	48.363	nq	98
70) Pentachlorophenol	11.16	266	52031	78.386	nq	98
71) Phenanthrene	11.36	178	305737	42.459	nq	99
72) Anthracene	11.42	178	318758	43.360	nq	99
73) Carbazole	11.57	167	268540	38.483	nq	99
74) Di-n-butylphthalate	11.89	149	375901	45.276	nq	99
75) Fluoranthene	12.55	202	284954	38.513	nq	100
77) Benzidine	12.67	184	68832	28.075	nq	98
78) Pyrene	12.78	202	288002	45.098	nq	99
80) Butylbenzylphthalate	13.39	149	130670	43.303	nq	95
81) Benzo(a)anthracene	13.98	228	201122	39.552	nq	96
82) 3,3'-Dichlorobenzidine	13.93	252	45370	27.688	nq	98
83) Chrysene	14.02	228	194755	39.269	nq	97
84) Bis(2-ethylhexyl)phthalate	13.96	149	183110	47.063	nq	100
85) Di-n-octyl phthalate	14.59	149	276487	45.150	nq	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	164877	45.568	nq	98
88) Benzo(b)fluoranthene	15.04	252	170024	41.825	nq	99
89) Benzo(k)fluoranthene	15.07	252	152391	39.574	nq	98
90) Benzo(a)pyrene	15.41	252	153336	42.985	nq	100
91) Dibenzo(a,h)anthracene	16.94	278	142007	49.972	nq	96
92) Benzo(g,h,i)perylene	17.37	276	134568	47.521	nq	96

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

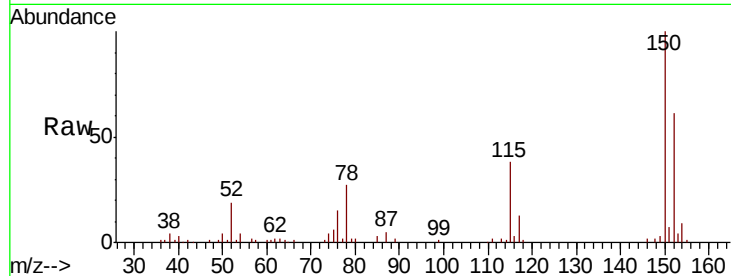


#1

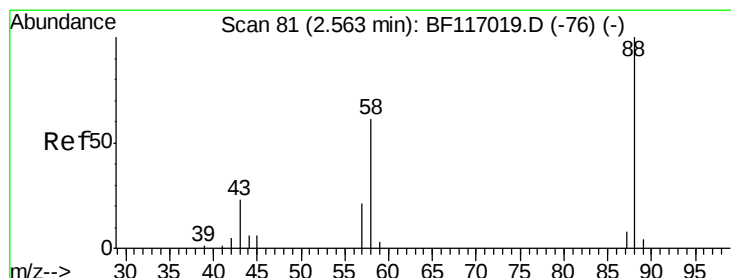
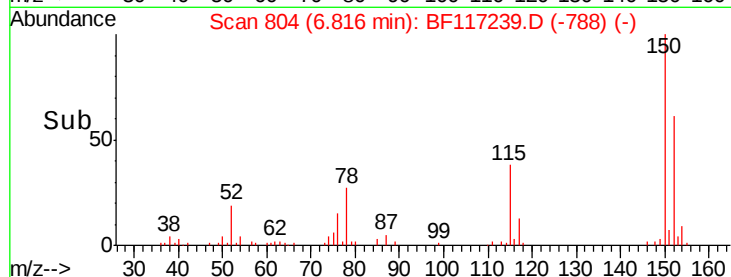
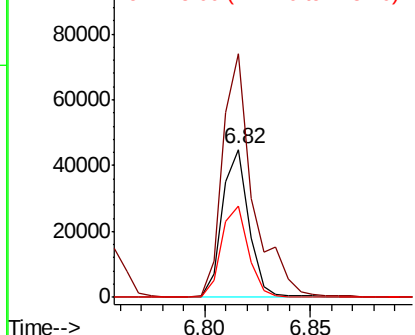
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 39194
Ion Ratio Lower Upper
152 100
150 164.6 127.5 191.3
115 62.1 55.0 82.4



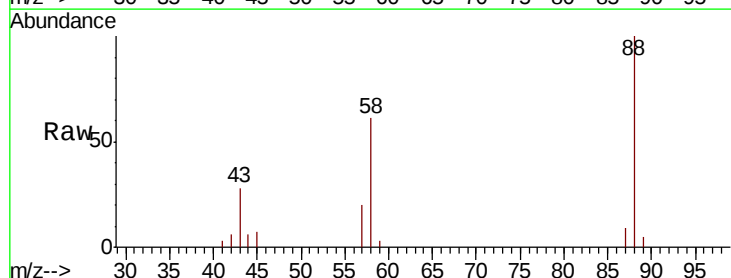
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



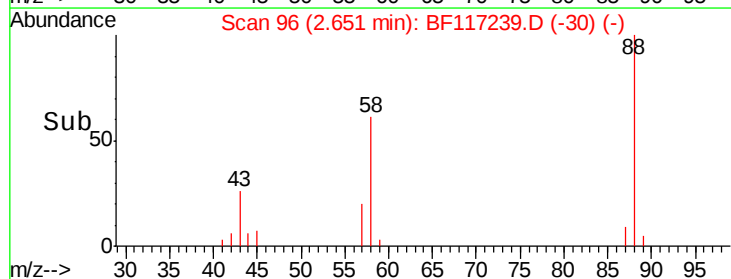
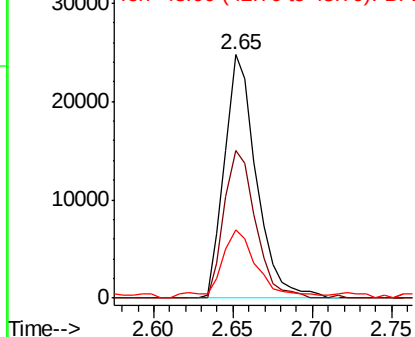
#2

1,4-Dioxane
Concen: 32.916 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion: 88 Resp: 34578
Ion Ratio Lower Upper
88 100
58 59.7 49.3 73.9
43 32.1 18.8 28.2#



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





#3

Pvridine

Concen: 28.022 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.10 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

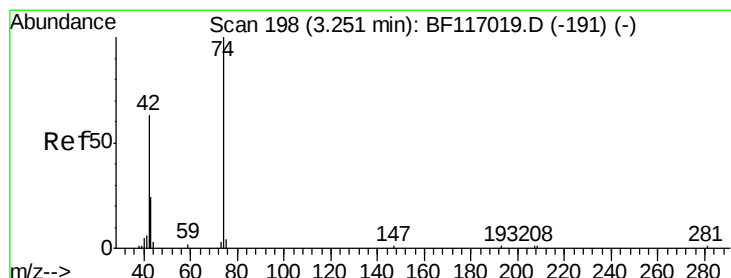
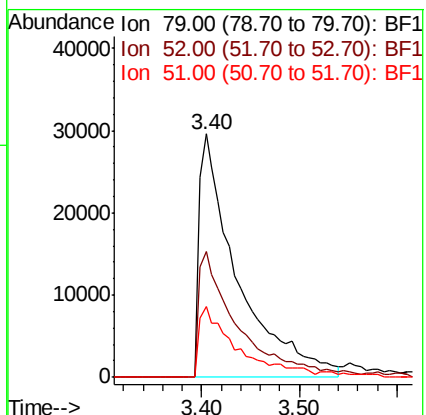
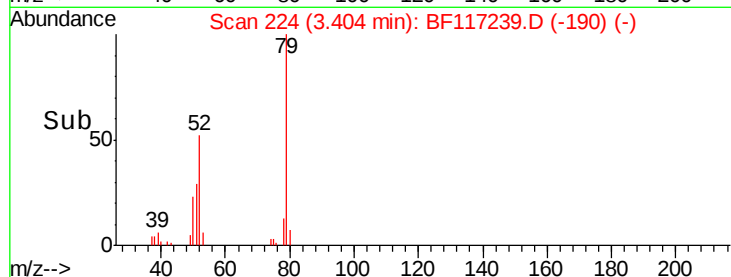
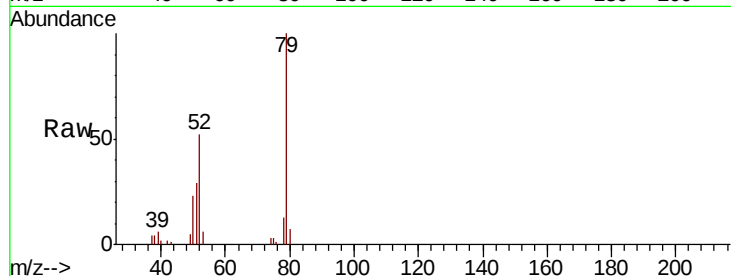
Tot Ion: 79 Resp: 80572

Ion Ratio Lower Upper

79 100

52 51.7 43.5 65.3

51 28.9 21.8 32.6



#4

n-Nitrosodimethylamine

Concen: 41.748 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.09 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

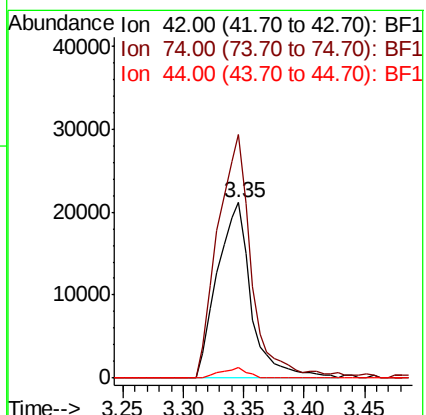
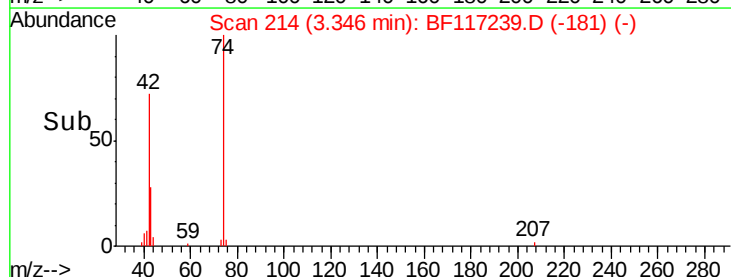
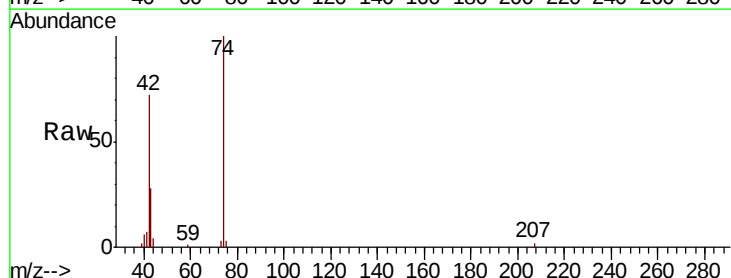
Tgt Ion: 42 Resp: 41194

Ion Ratio Lower Upper

42 100

74 139.0 127.1 190.7

44 5.9 4.3 6.5





#5

2-Fluorophenol

Concen: 90.201 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

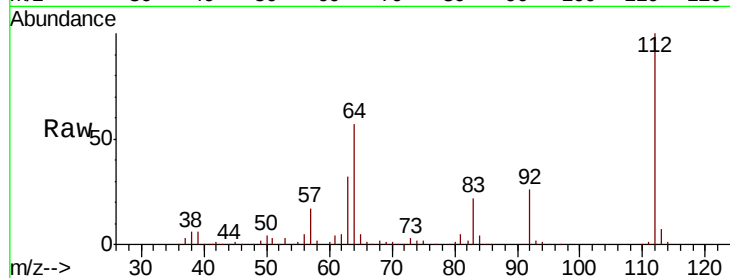
Tot Ion:112 Resp: 226443

Ion Ratio Lower Upper

112 100

64 57.3 45.7 68.5

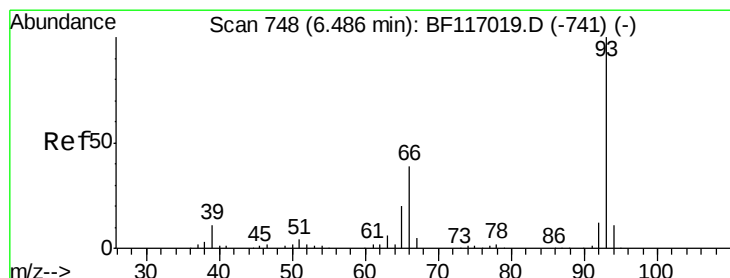
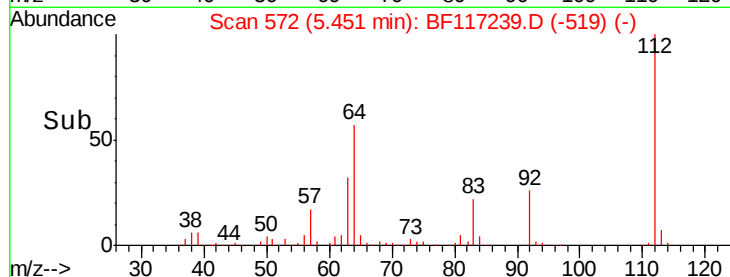
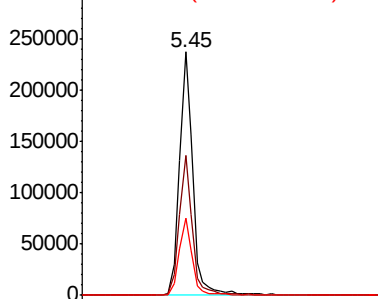
63 31.7 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.191 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

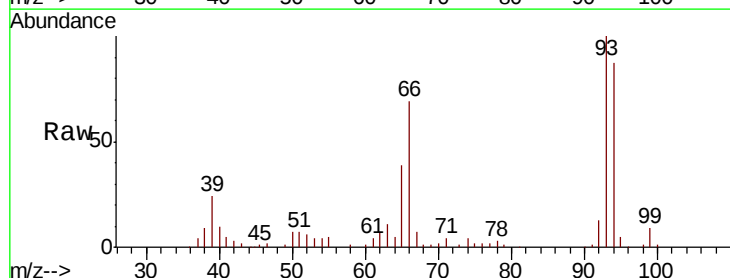
Tgt Ion: 93 Resp: 101050

Ion Ratio Lower Upper

93 100

66 68.9 32.6 49.0#

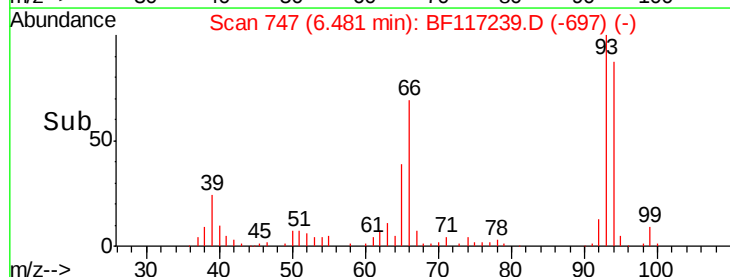
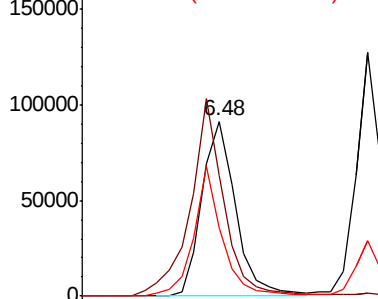
65 39.4 16.7 25.1#

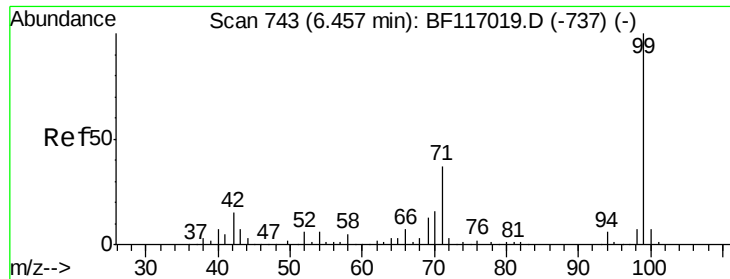


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 98.387 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

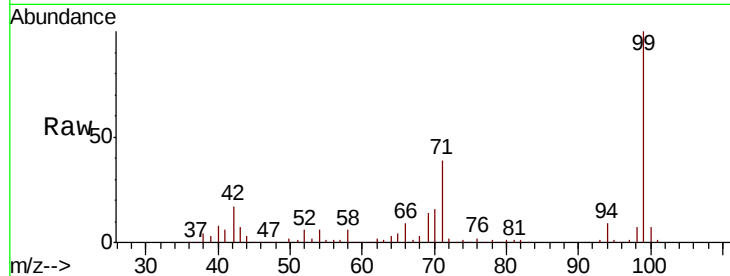
Tot Ion: 99 Resp: 319205

Ion Ratio Lower Upper

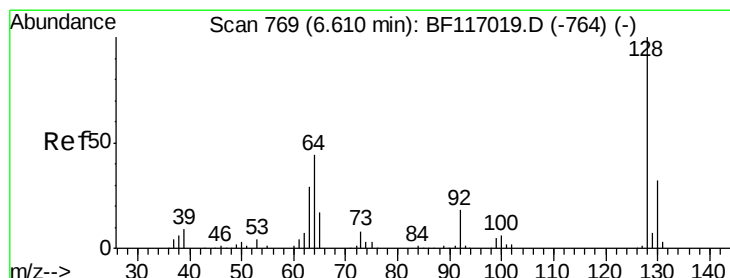
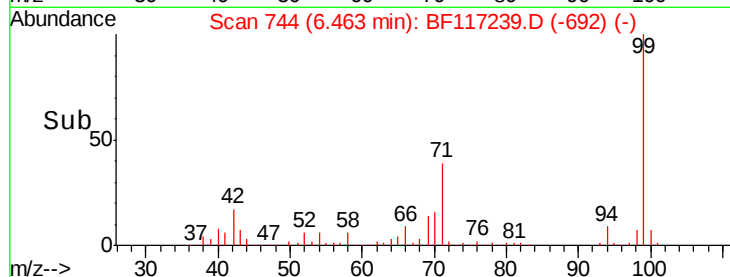
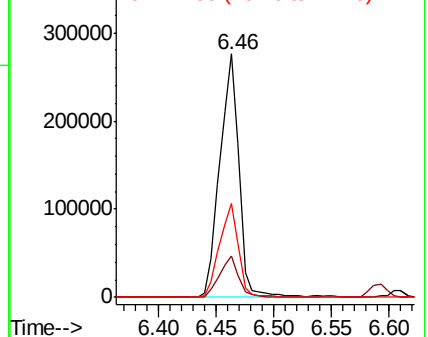
99 100

42 16.9 12.2 18.2

71 38.7 29.8 44.8



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: 40.672 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

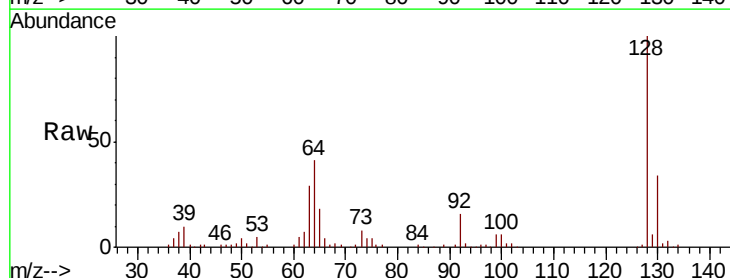
Tgt Ion:128 Resp: 110150

Ion Ratio Lower Upper

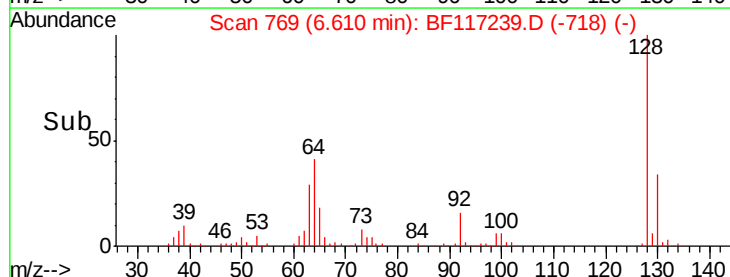
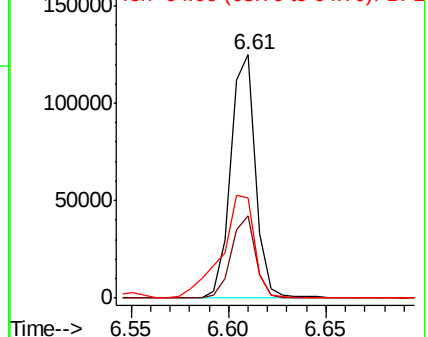
128 100

130 33.8 11.8 51.8

64 41.2 25.0 65.0



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: 49.006 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampled :

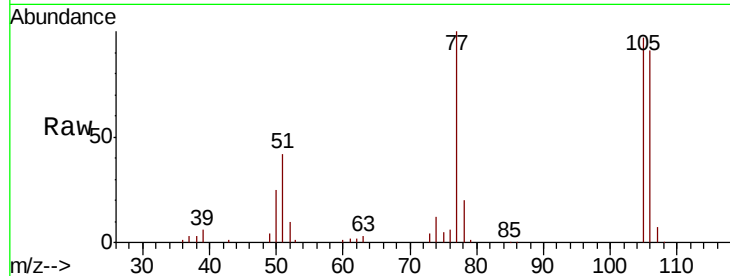
Tot Ion: 77 Resp: 75998

Ion Ratio Lower Upper

77 100

105 96.8 81.8 121.8

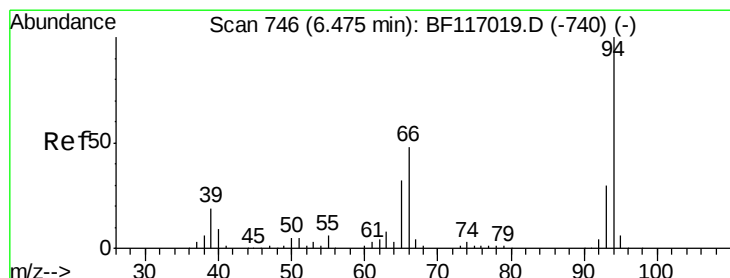
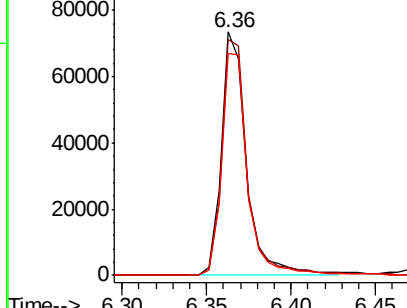
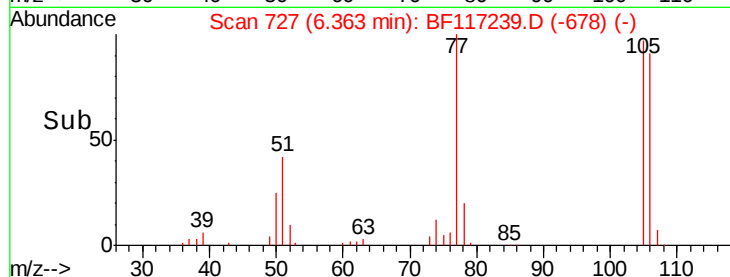
106 91.0 77.3 117.3



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: 41.785 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

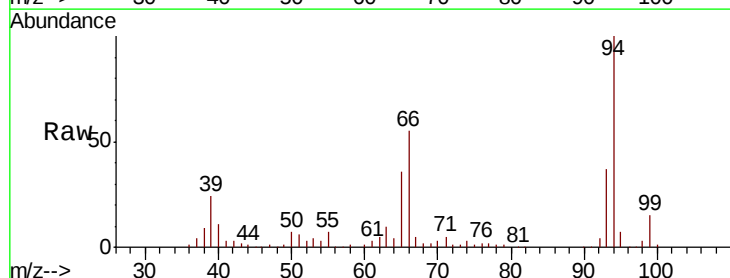
Tgt Ion: 94 Resp: 149450

Ion Ratio Lower Upper

94 100

65 36.1 12.5 52.5

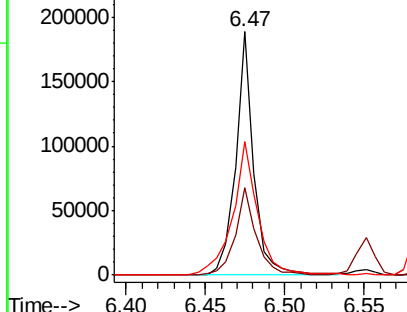
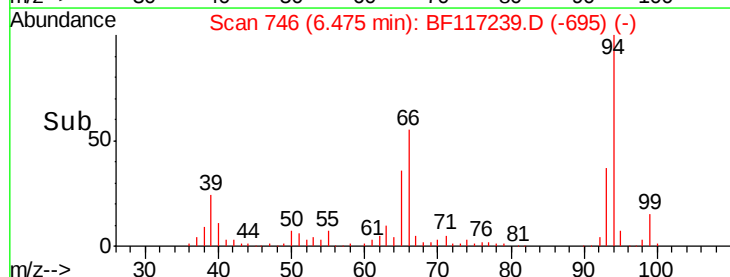
66 54.6 28.9 68.9



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: 39.160 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

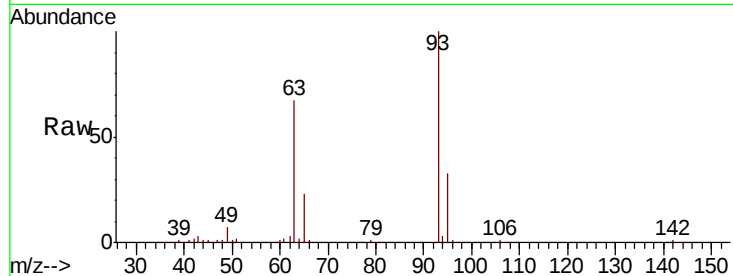
Tot Ion: 93 Resp: 102939

Ion Ratio Lower Upper

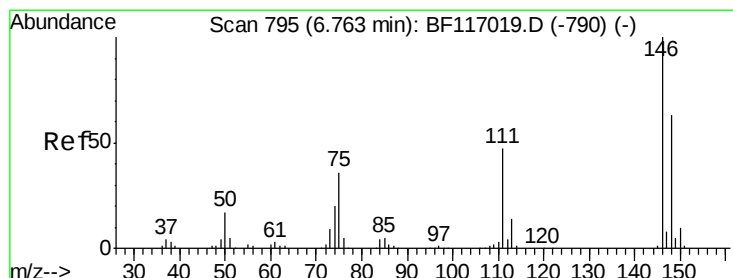
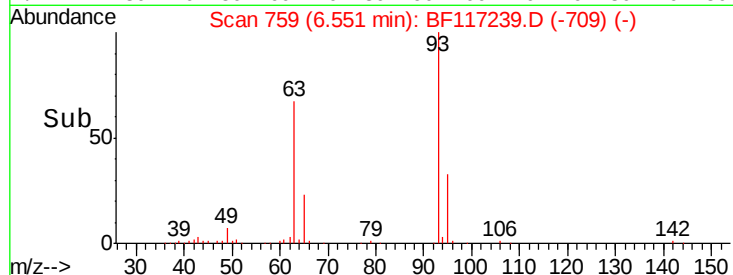
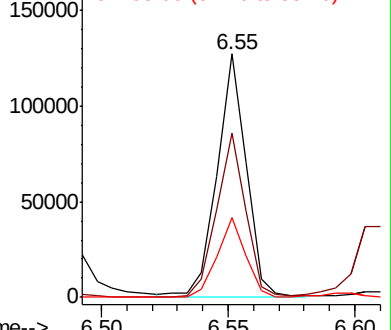
93 100

63 67.4 49.3 89.3

95 32.7 11.5 51.5



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: 37.746 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

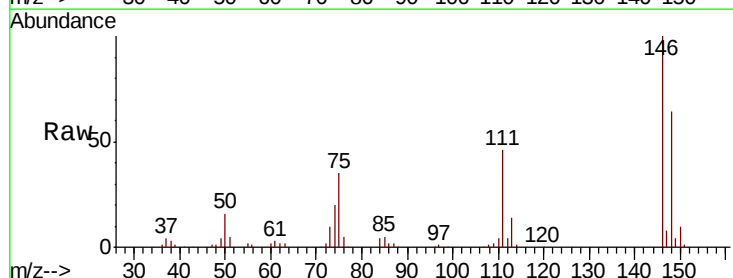
Tgt Ion: 146 Resp: 114710

Ion Ratio Lower Upper

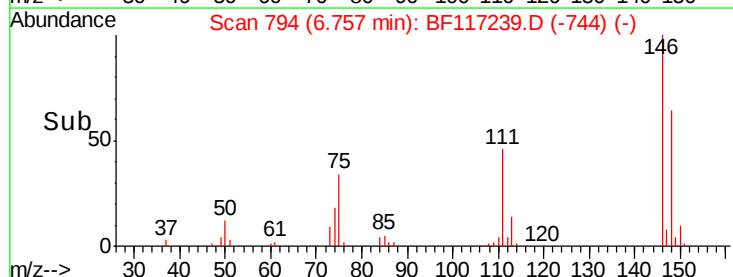
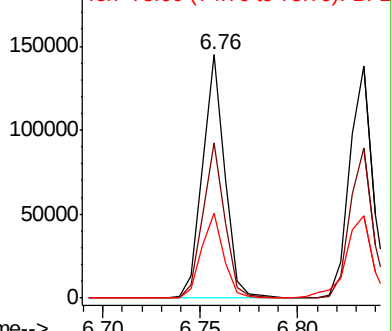
146 100

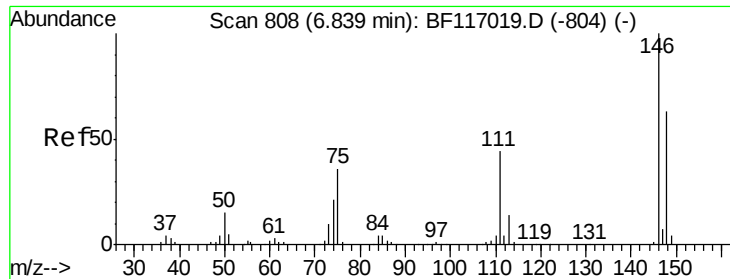
148 63.9 50.8 76.2

75 34.7 28.7 43.1



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

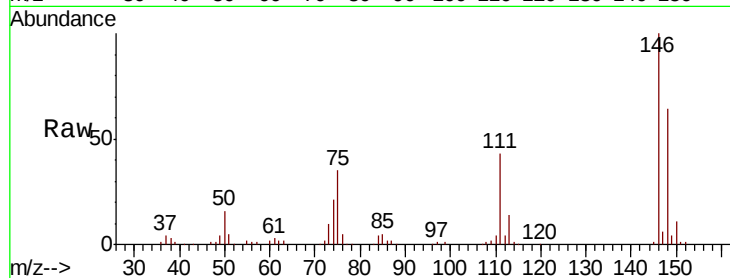




#13
 1,4-Dichlorobenzene
 Concen: 37.560 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.6	76.0
111	43.4	35.0	52.6

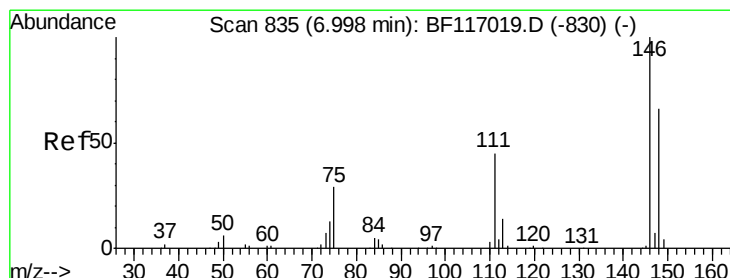
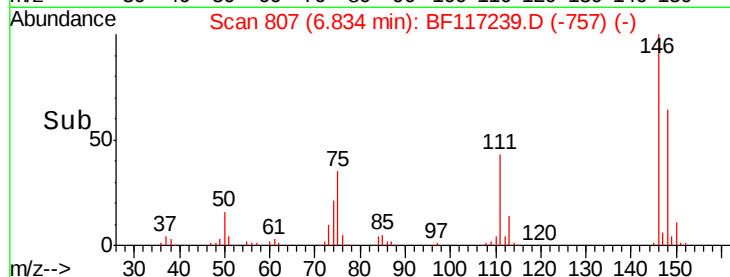
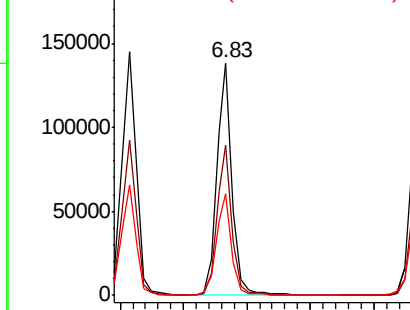


Abundance

Ion 146.00 (145.70 to 146.70): E

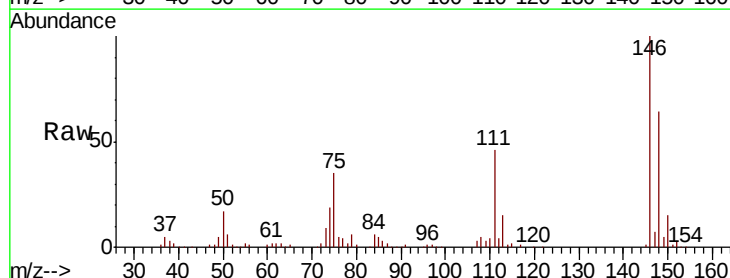
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.635 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.6	78.8
111	45.9	36.2	54.2

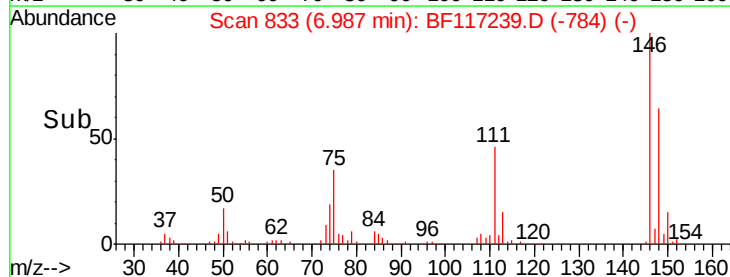
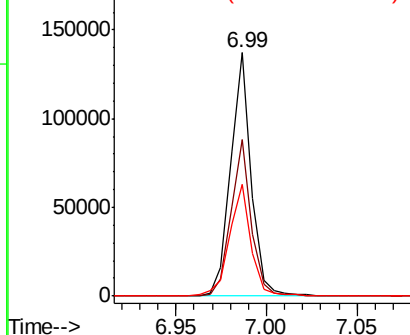


Abundance

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: 41.887 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

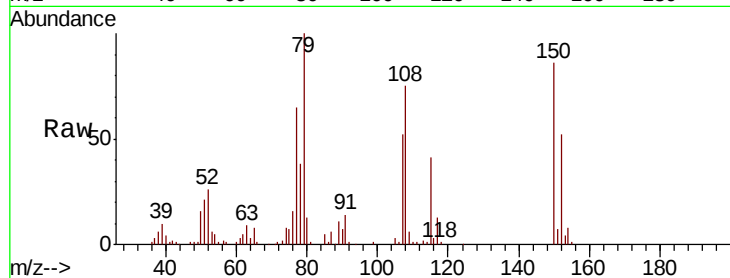
Tot Ion: 79 Resp: 104213

Ion Ratio Lower Upper

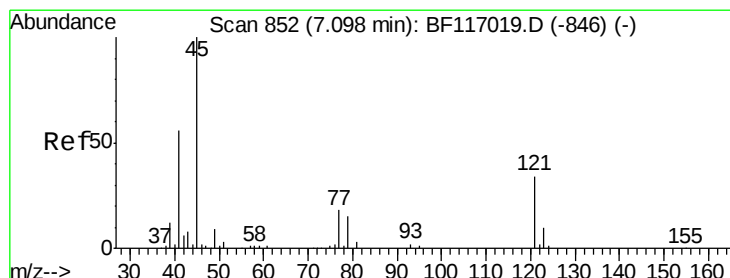
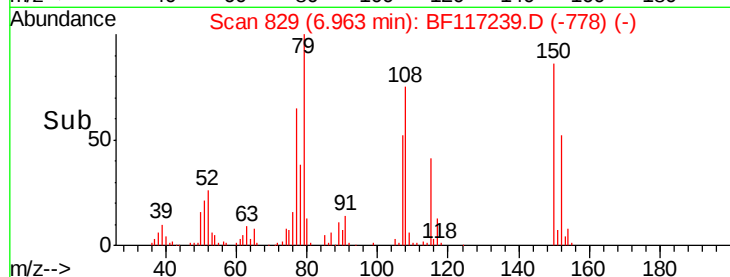
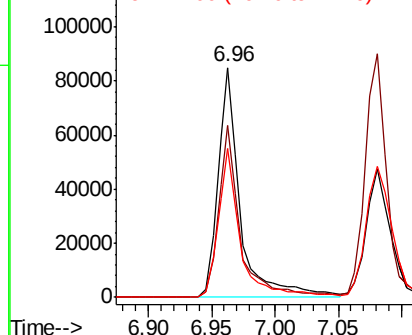
79 100

108 75.1 59.4 89.0

77 64.7 50.2 75.2



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.089 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

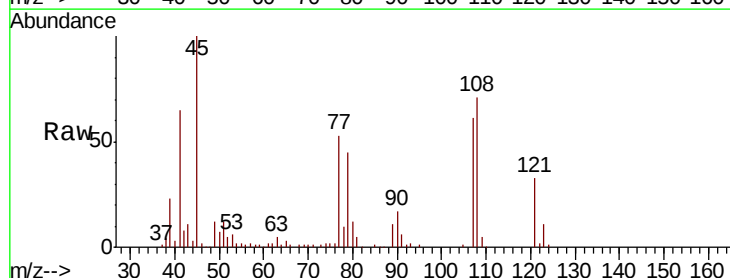
Tgt Ion: 45 Resp: 96323

Ion Ratio Lower Upper

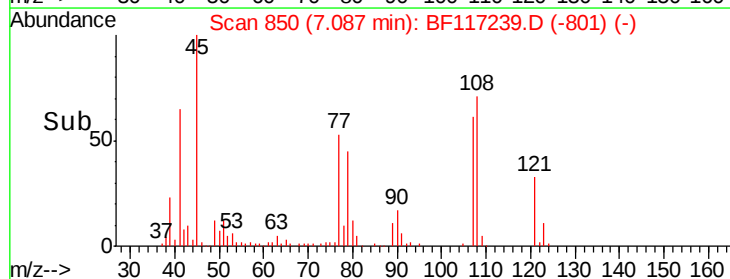
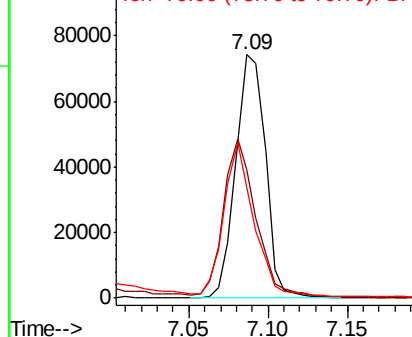
45 100

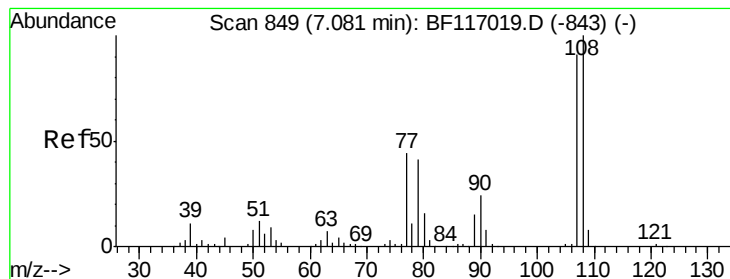
77 52.6 2.7 42.7#

79 45.3 0.0 38.9#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

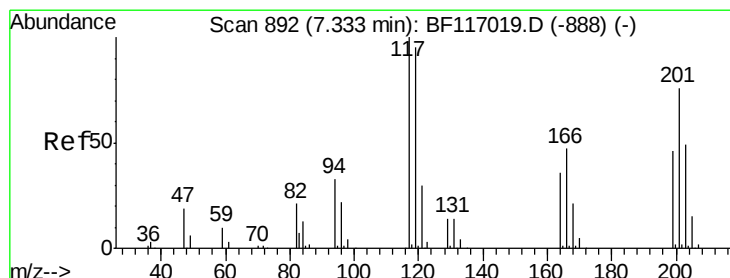
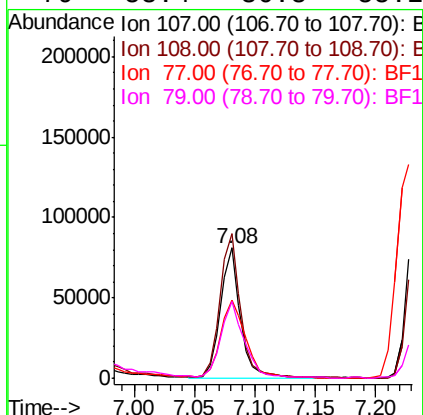
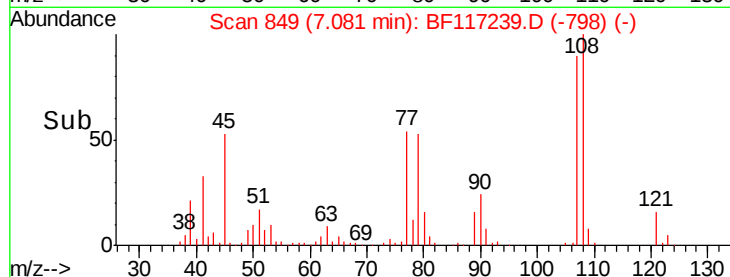
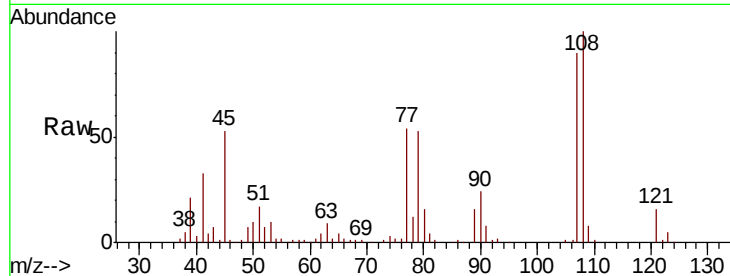




#17
2-Methylphenol
Concen: 41.196 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

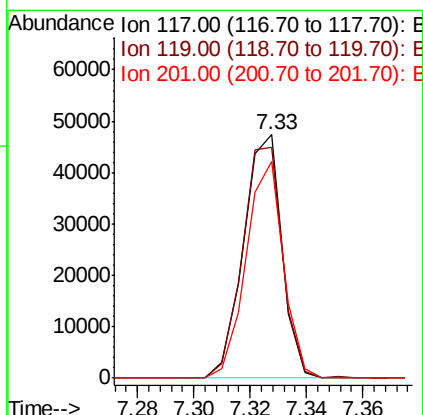
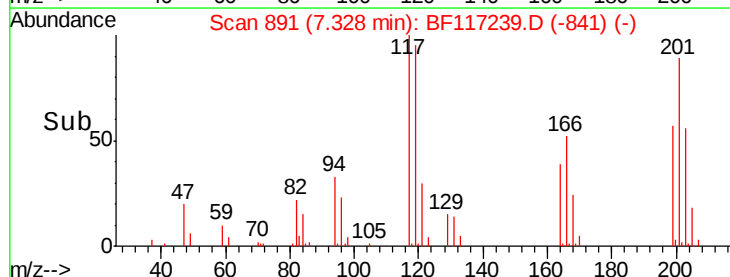
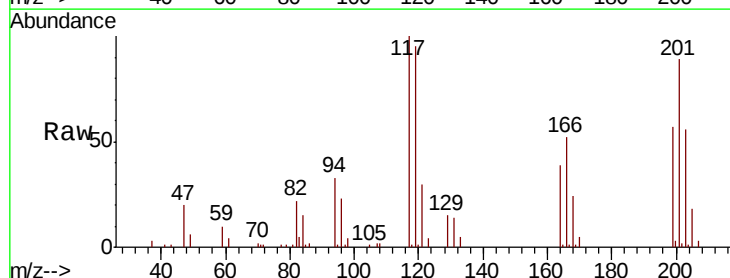
Instrument :
BNA_F
ClientSampled :

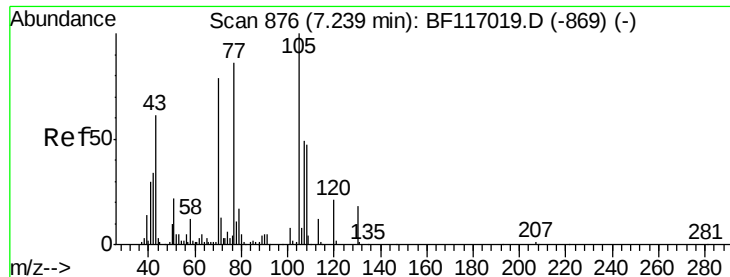
Tot Ion:107 Resp: 93506
Ion Ratio Lower Upper
107 100
108 110.8 87.7 131.5
77 59.9 38.6 58.0#
79 58.4 36.8 55.2#



#18
Hexachloroethane
Concen: 37.340 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:117 Resp: 44550
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.8
201 88.8 60.9 91.3

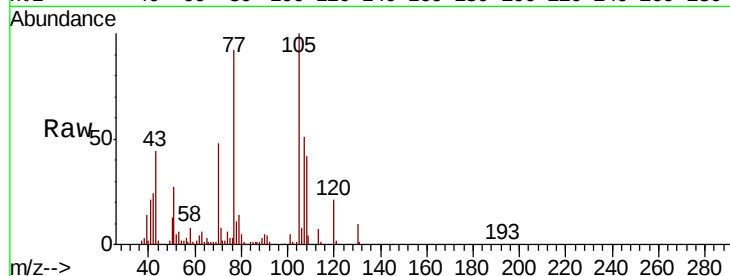




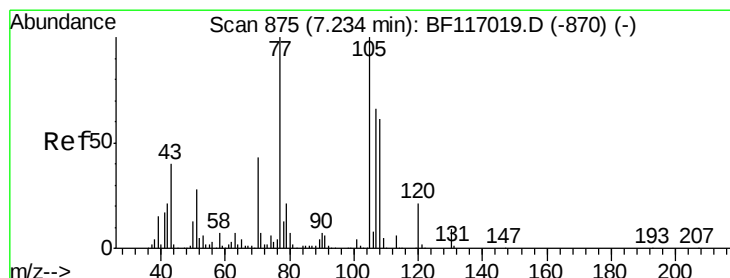
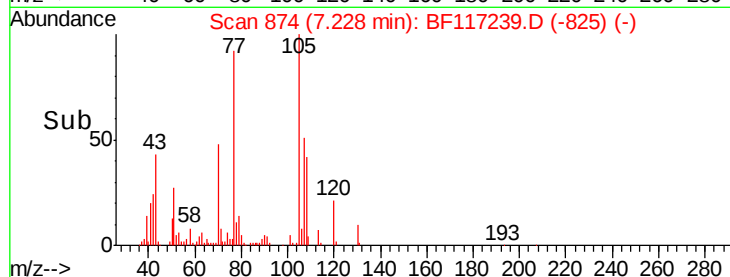
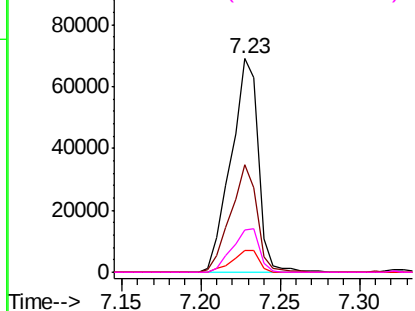
#19
n-Nitroso-di-n-propylamine
Concen: 41.770 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 82520
Ion Ratio Lower Upper
70 100
42 50.2 34.0 51.0
101 10.0 7.8 11.6
130 19.9 17.8 26.8

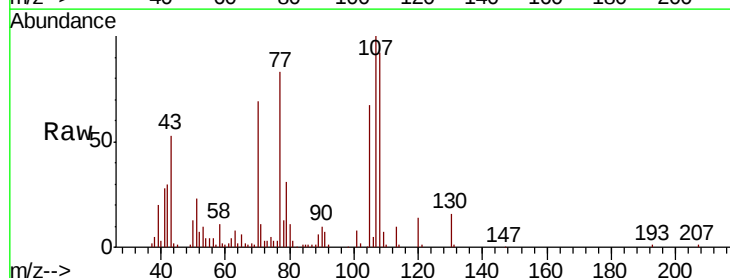


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

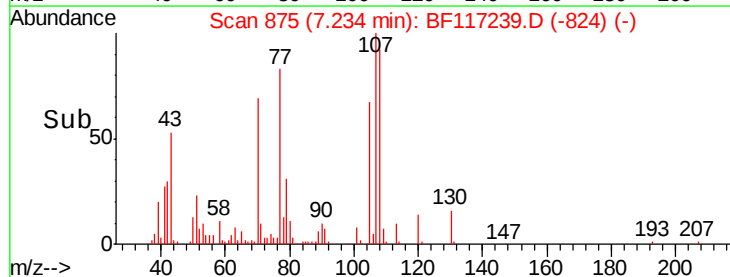
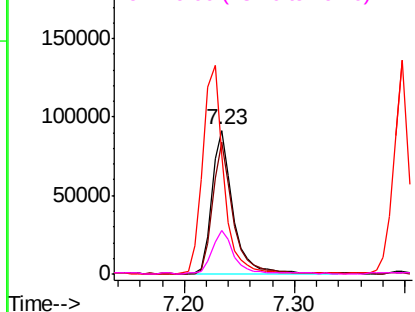


#20
3+4-Methylphenols
Concen: 42.429 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:107 Resp: 119957
Ion Ratio Lower Upper
107 100
108 91.6 72.6 112.6
77 83.0 132.1 172.1#
79 30.7 12.1 52.1



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 161296

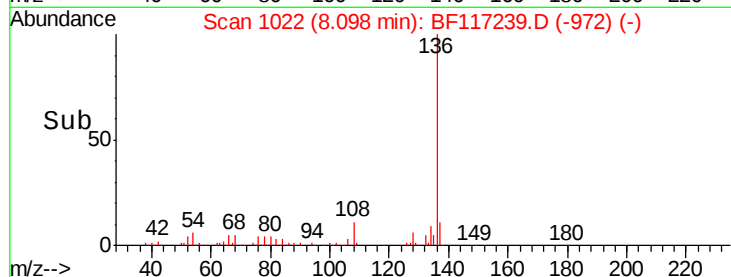
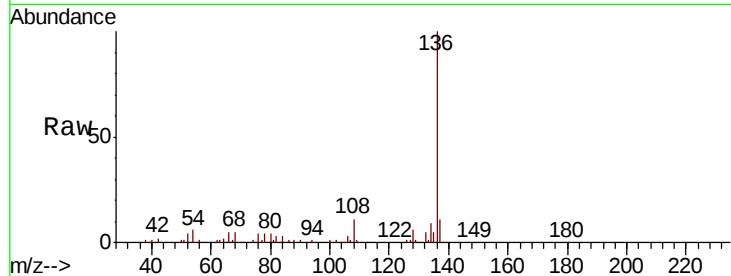
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 5.7 4.5 6.7

68 4.8 4.0 6.0

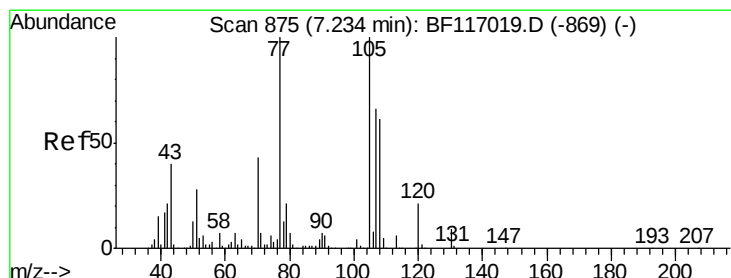
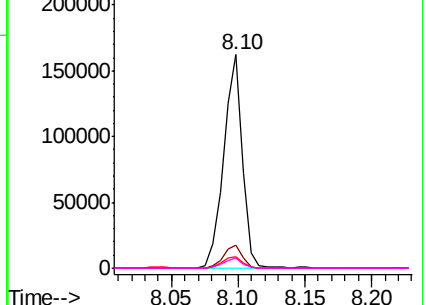


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.843 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion:105 Resp: 167376

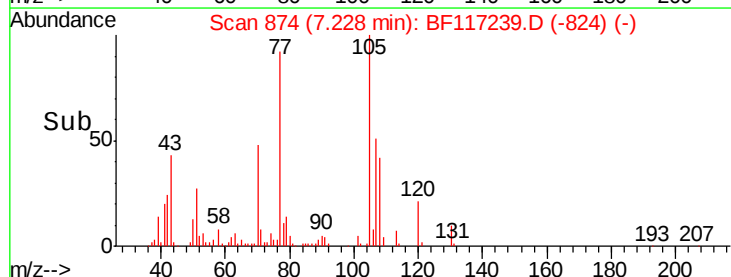
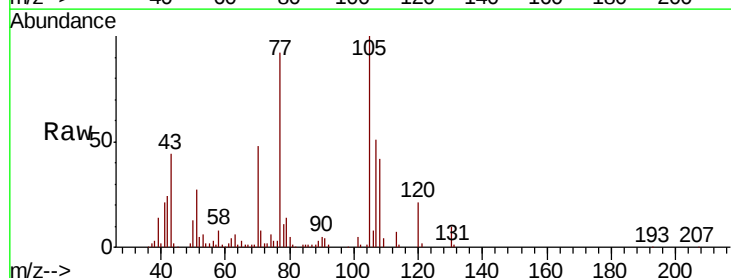
Ion Ratio Lower Upper

105 100

71 8.1 5.7 8.5

51 27.4 22.1 33.1

120 20.6 17.1 25.7

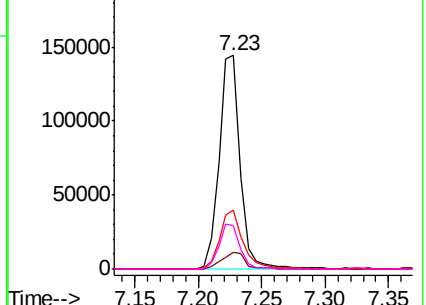


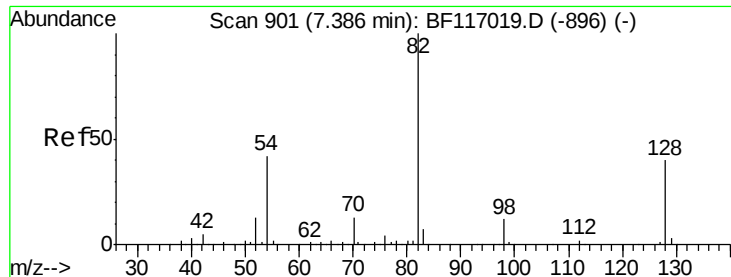
Abundance Ion 105.00 (104.70 to 105.70): E

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

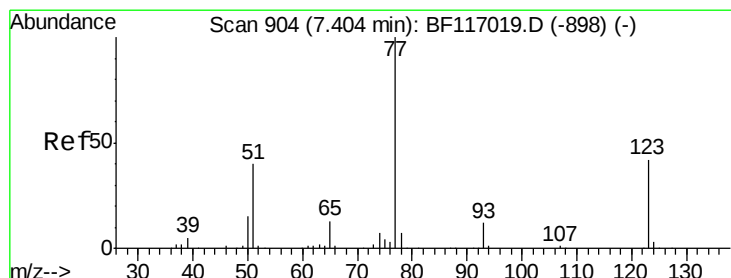
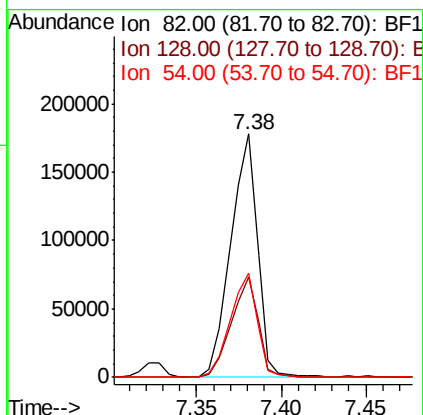
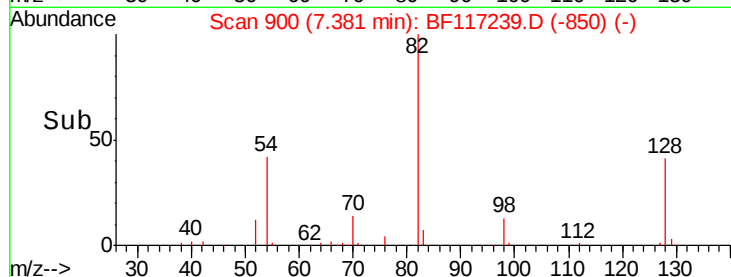
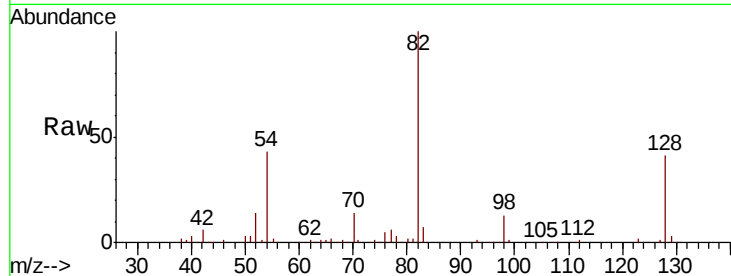




#23
 Nitrobenzene-d5
 Concen: 64.157 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

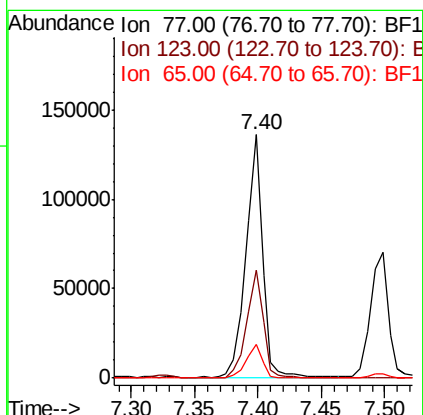
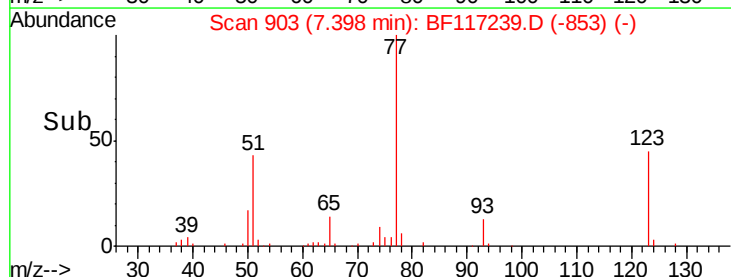
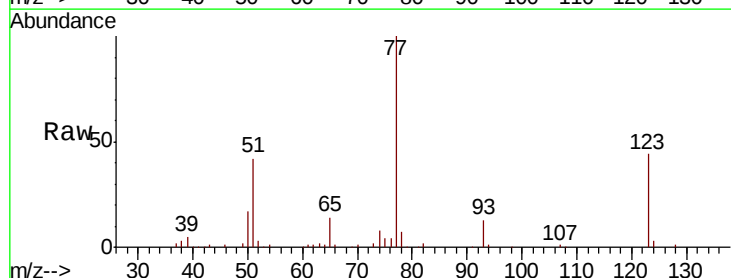
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 196952
 Ion Ratio Lower Upper
 82 100
 128 41.0 32.3 48.5
 54 42.7 33.3 49.9



#24
 Nitrobenzene
 Concen: 41.600 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion: 77 Resp: 126112
 Ion Ratio Lower Upper
 77 100
 123 44.4 33.5 50.3
 65 13.8 10.5 15.7





#25

Isophorone

Concen: 41.502 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

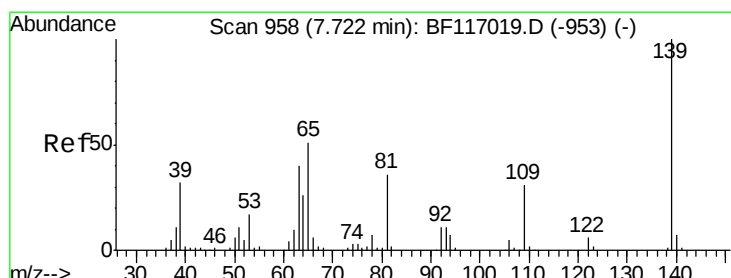
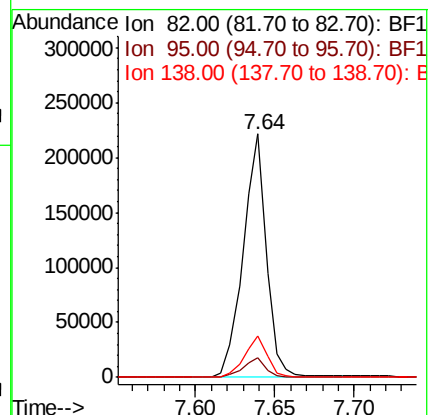
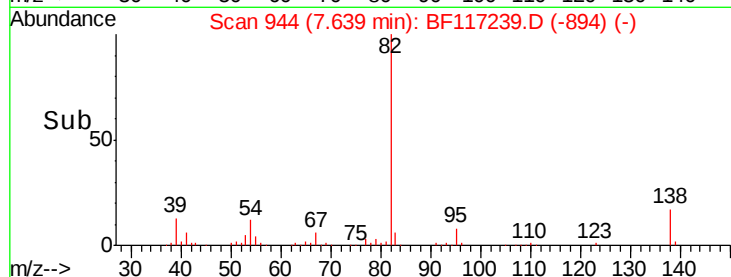
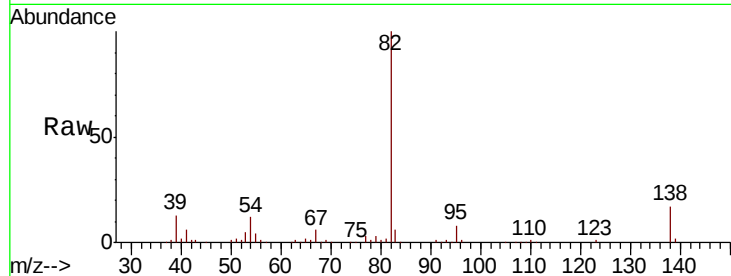
Tot Ion: 82 Resp: 225580

Ion Ratio Lower Upper

82 100

95 8.0 5.8 8.6

138 17.2 13.5 20.3



#26

2-Nitrophenol

Concen: 43.570 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

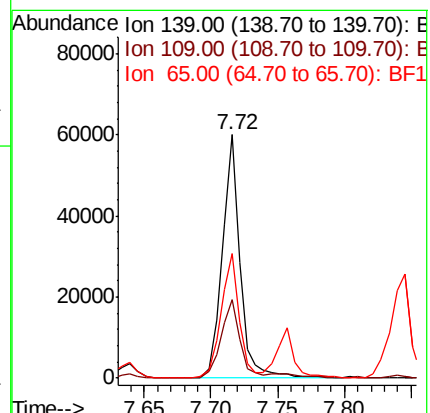
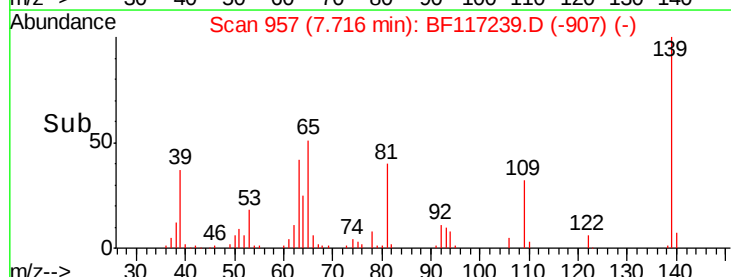
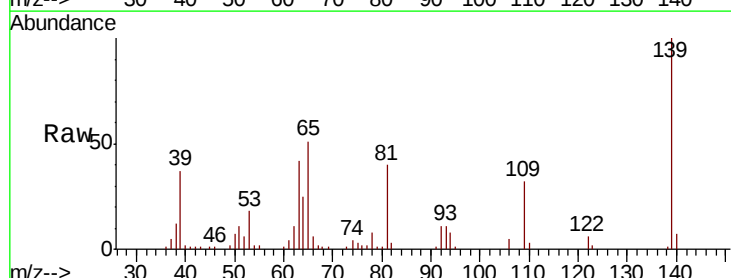
Tgt Ion: 139 Resp: 56735

Ion Ratio Lower Upper

139 100

109 32.2 24.6 36.8

65 51.2 40.9 61.3

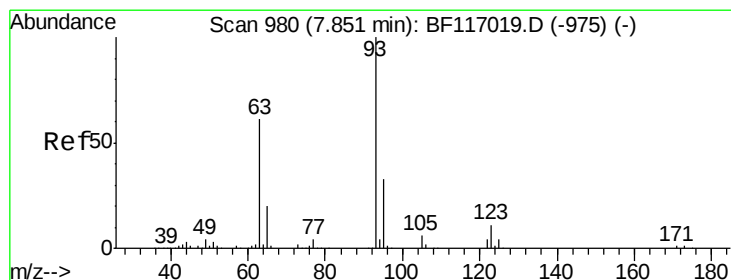
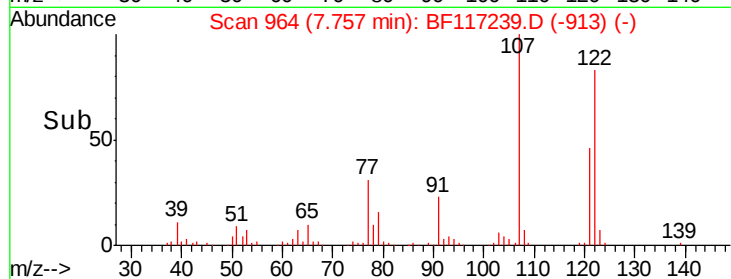
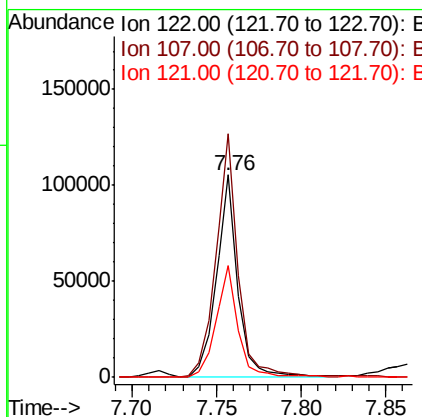
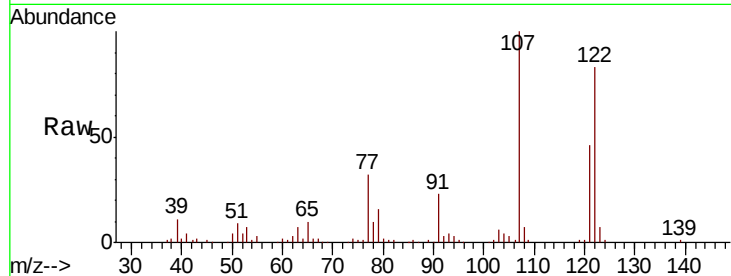




#27
 2,4-Dimethylphenol
 Concen: 45.604 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

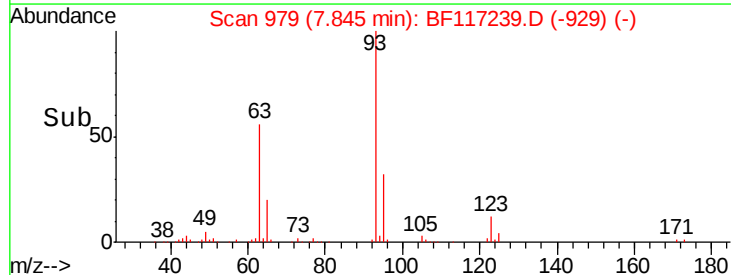
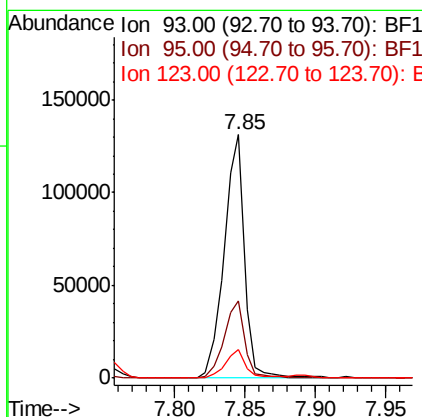
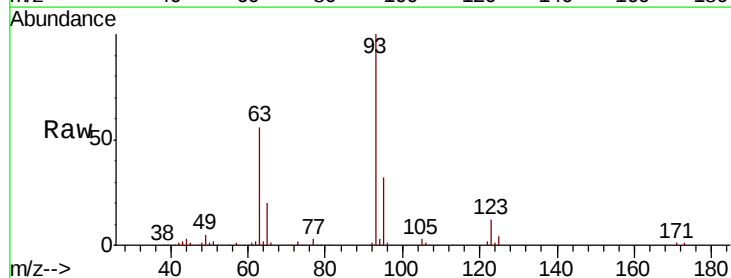
Instrument :
 BNA_F
 ClientSampleId :

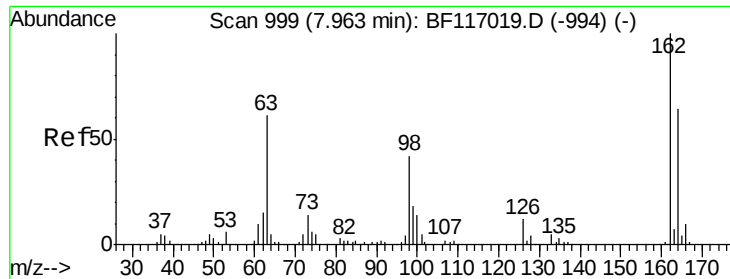
Tot Ion:122 Resp: 94170
 Ion Ratio Lower Upper
 122 100
 107 120.4 98.9 148.3
 121 55.3 45.3 67.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.381 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion: 93 Resp: 131879
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.2 39.4
 123 11.6 9.0 13.6

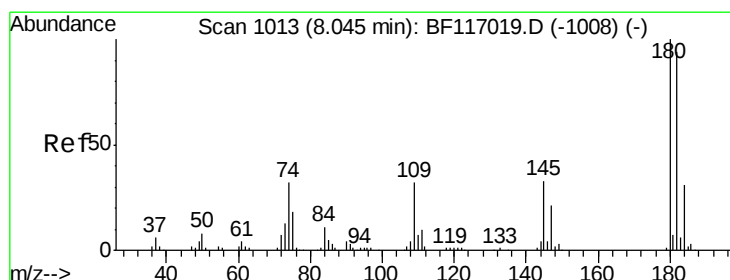
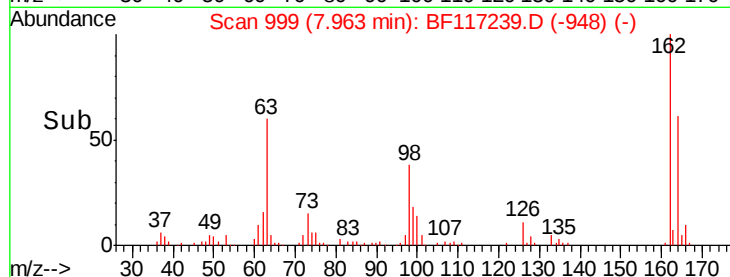
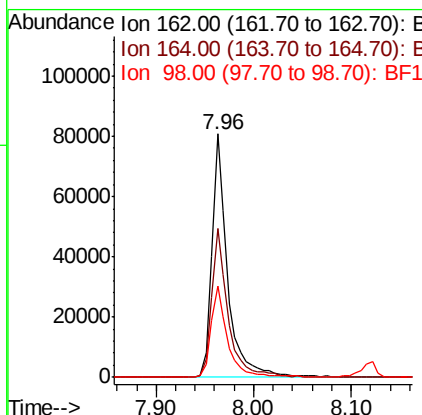
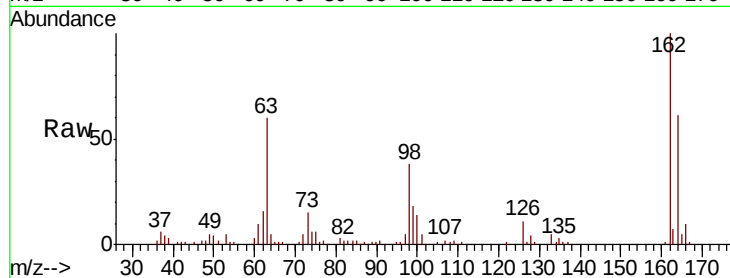




#29
 2,4-Dichlorophenol
 Concen: 41.533 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

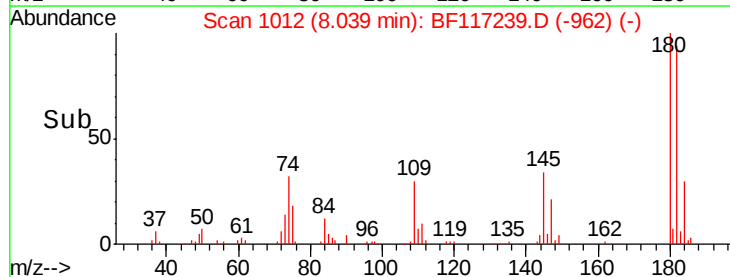
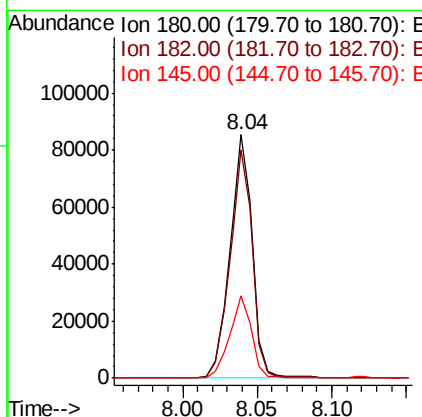
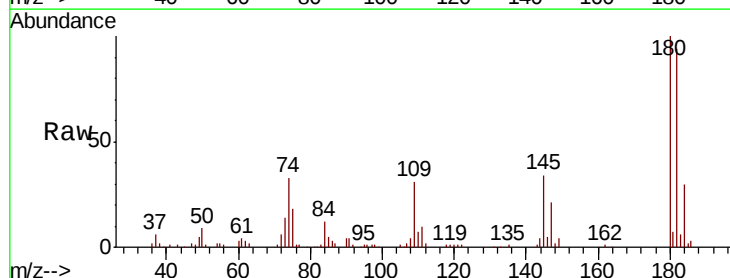
Instrument :
 BNA_F
 ClientSampled :

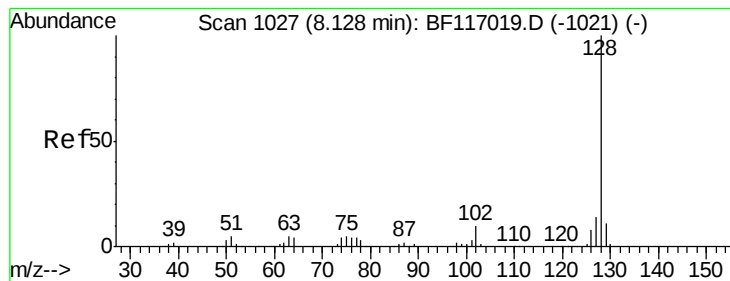
Tot Ion	162	Resp	89866
Ion Ratio	Lower	Upper	
162	100		
164	60.9	43.8	83.8
98	37.6	22.1	62.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.499 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	180	Resp	89995
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.4	113.0
145	33.8	26.7	40.1





#31

Naphthalene

Concen: 40.706 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

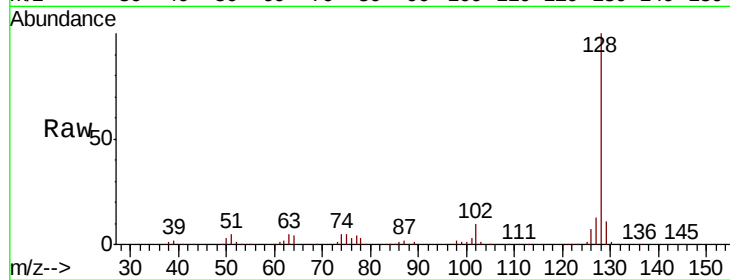
Tot Ion:128 Resp: 315768

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

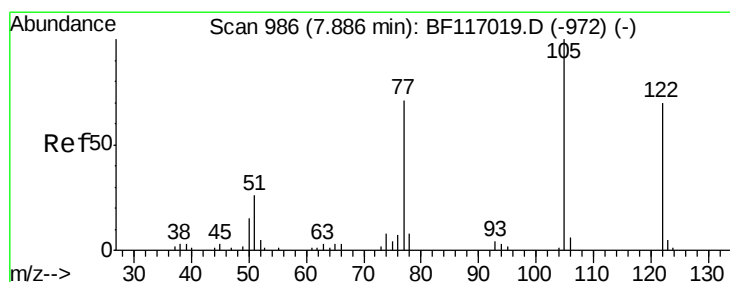
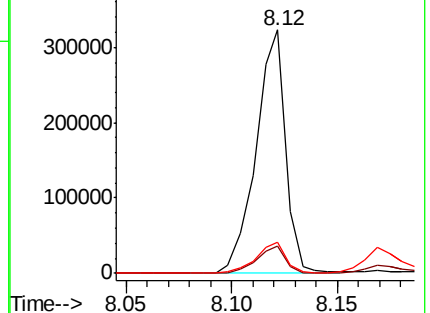
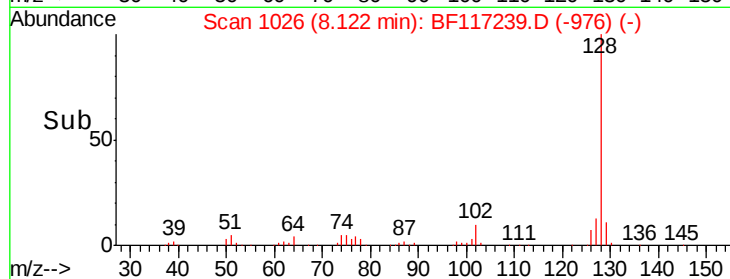
127 12.7 10.8 16.2



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: 28.311 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

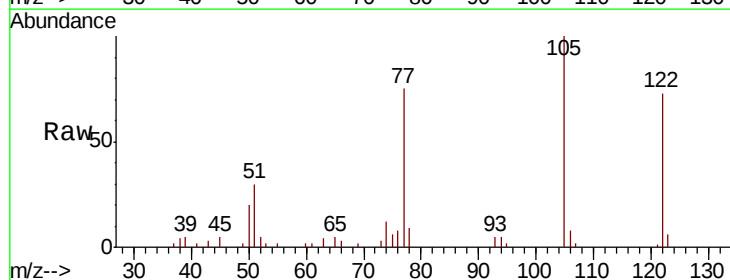
Tgt Ion:122 Resp: 39254

Ion Ratio Lower Upper

122 100

105 137.5 114.8 154.8

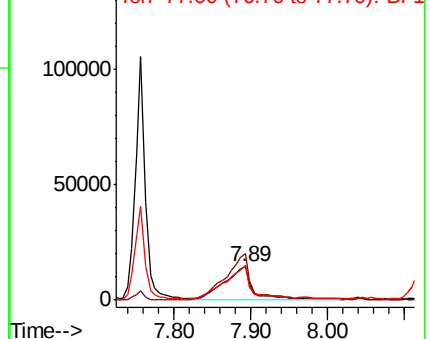
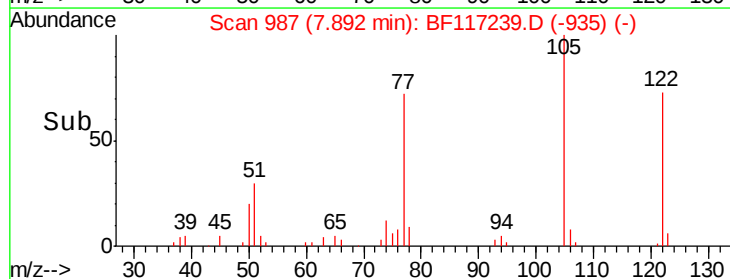
77 103.2 78.7 118.7

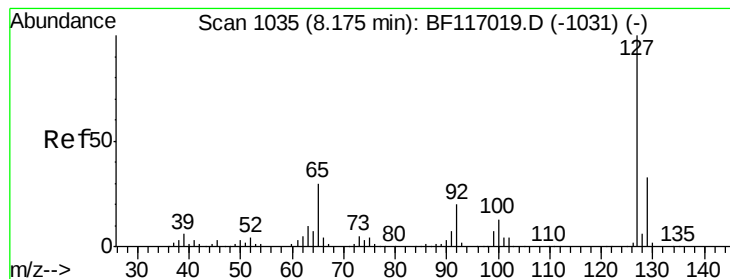


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 14.258 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 49057

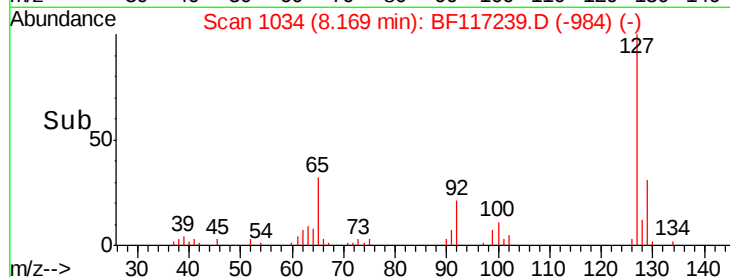
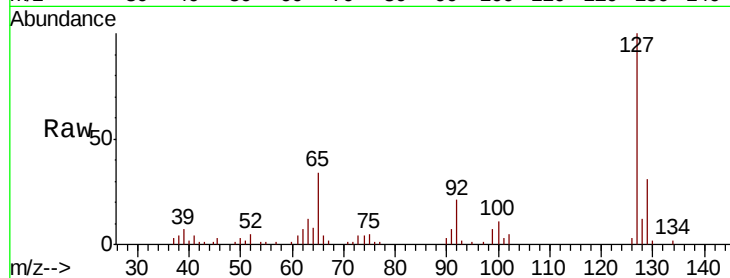
Ion Ratio Lower Upper

127 100

129 30.5 26.2 39.2

65 33.6 23.5 35.3

92 21.3 15.9 23.9

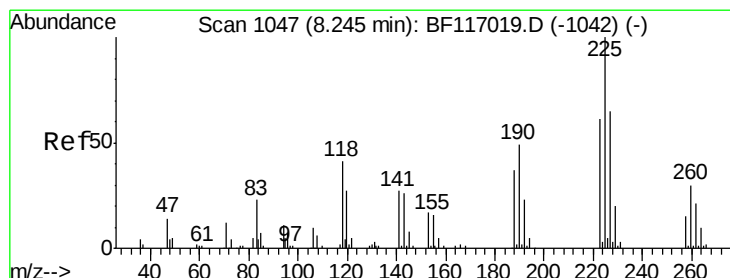
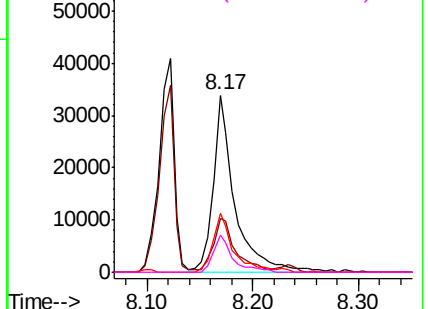


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 39.736 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

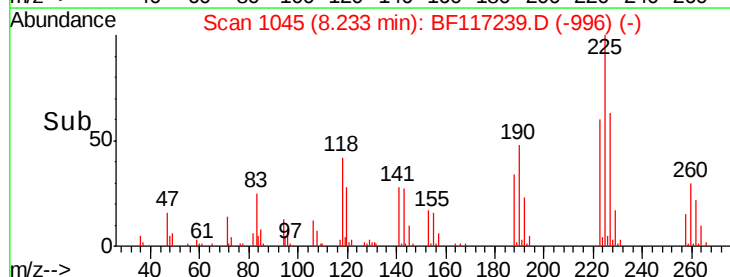
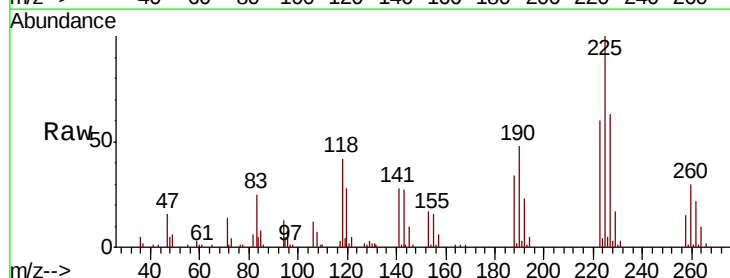
Tgt Ion:225 Resp: 52699

Ion Ratio Lower Upper

225 100

223 60.5 49.1 73.7

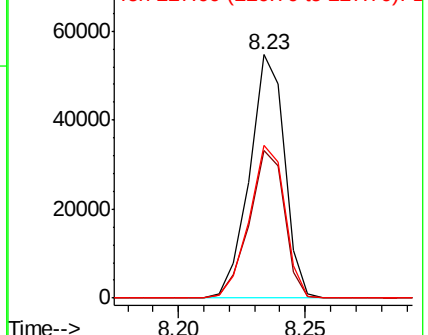
227 62.5 52.2 78.2

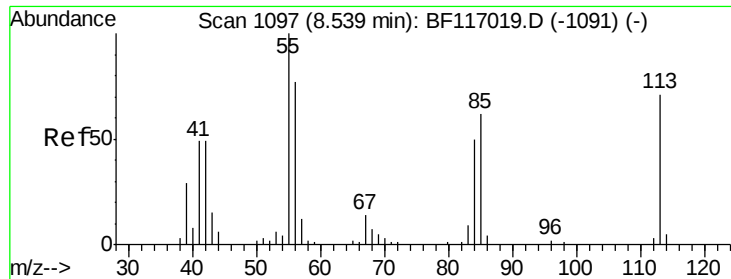


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

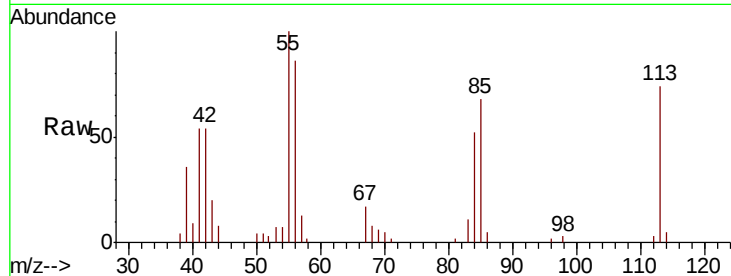




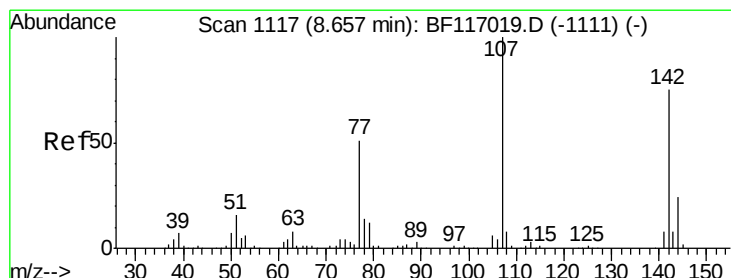
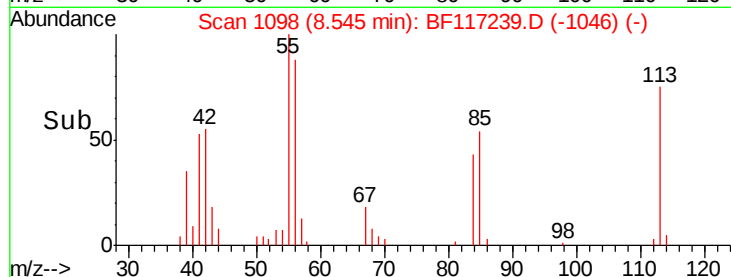
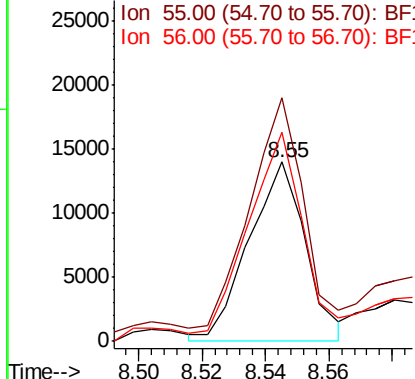
#35
Caprolactam
Concen: 23.565 ng
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 17258
Ion Ratio Lower Upper
113 100
55 135.8 120.6 160.6
56 116.6 88.8 128.8

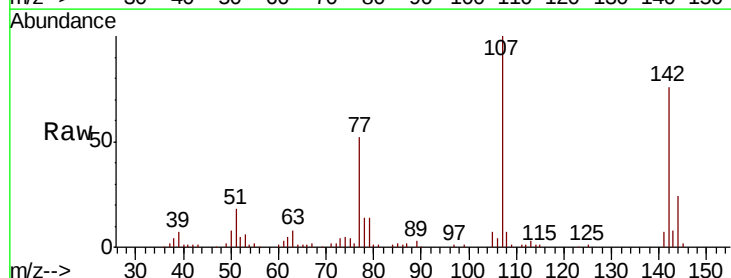


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

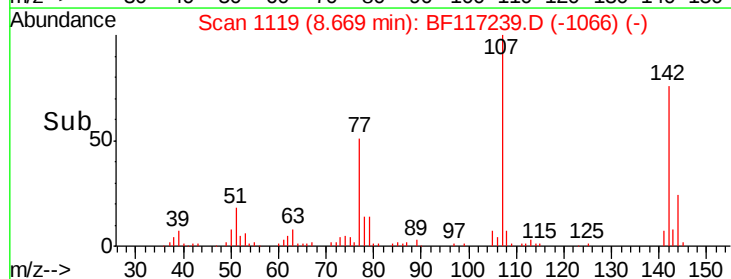
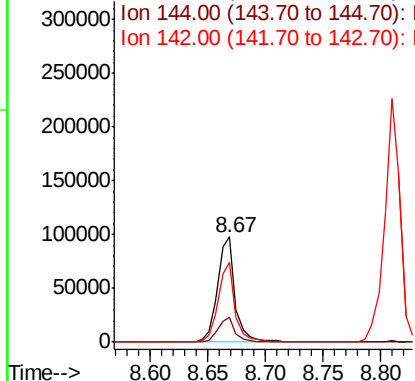


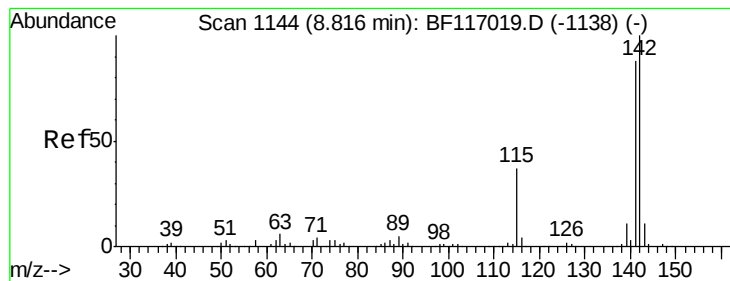
#36
4-Chloro-3-methylphenol
Concen: 40.962 ng
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:107 Resp: 103344
Ion Ratio Lower Upper
107 100
144 23.8 19.2 28.8
142 76.0 59.6 89.4



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

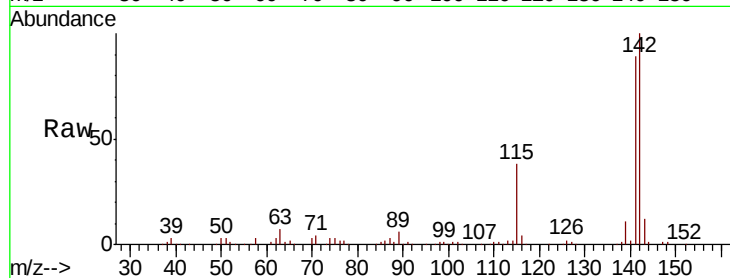




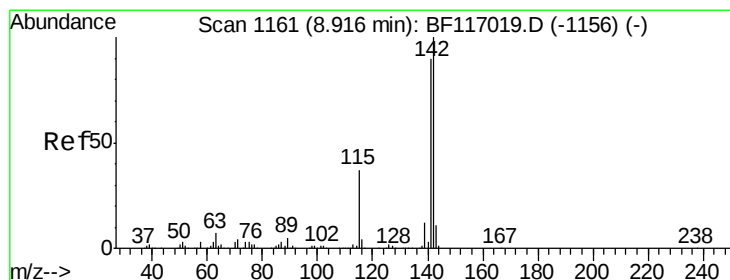
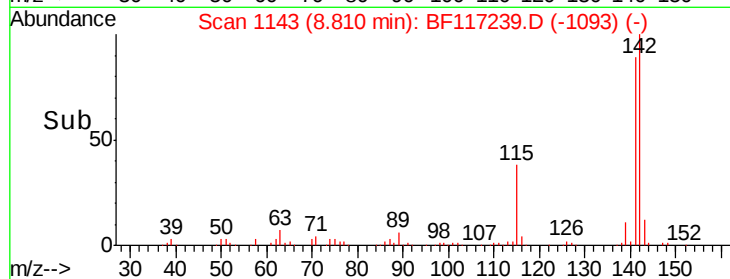
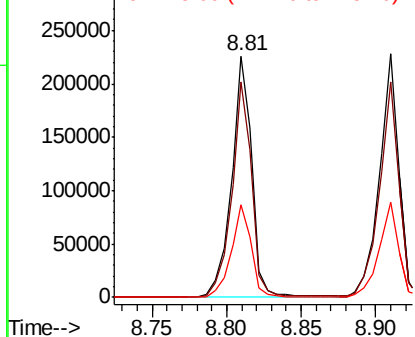
#37
2-Methylnaphthalene
Concen: 41.519 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 216882
Ion Ratio Lower Upper
142 100
141 89.1 70.7 106.1
115 38.3 29.4 44.0

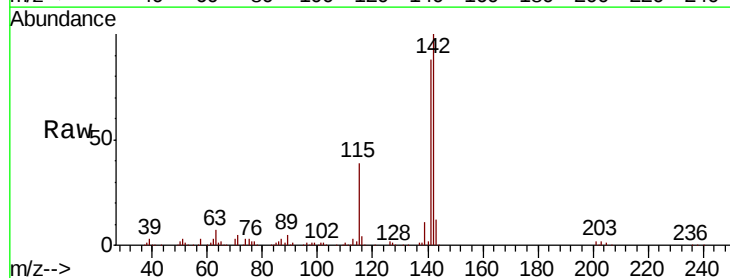


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

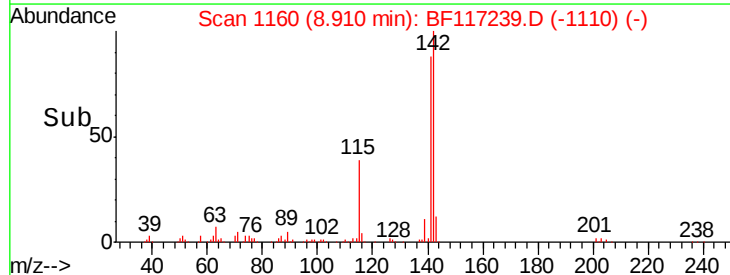
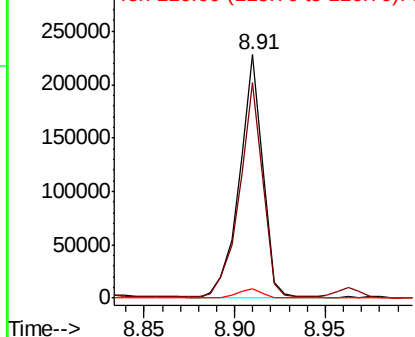


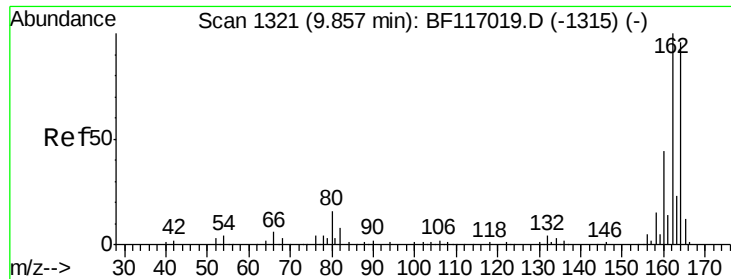
#38
1-Methylnaphthalene
Concen: 41.252 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:142 Resp: 201825
Ion Ratio Lower Upper
142 100
141 88.4 71.9 107.9
116 4.1 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E

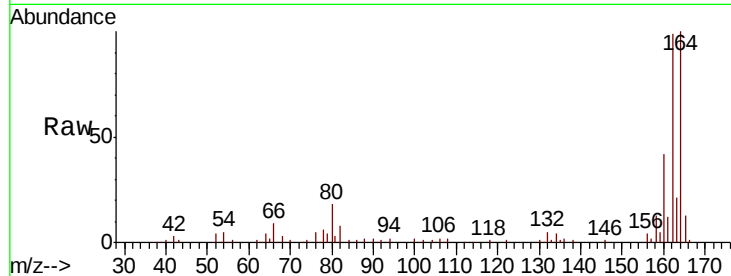




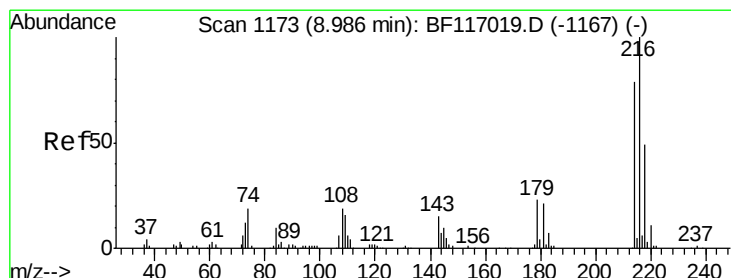
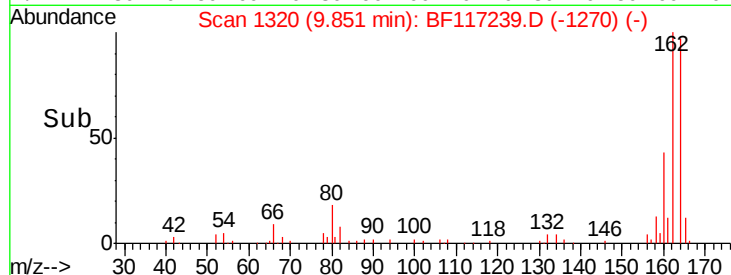
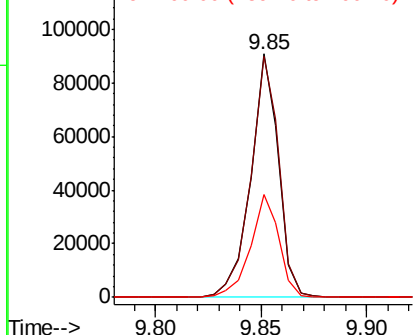
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 82643
Ion Ratio Lower Upper
164 100
162 98.8 83.4 125.2
160 42.0 36.4 54.6

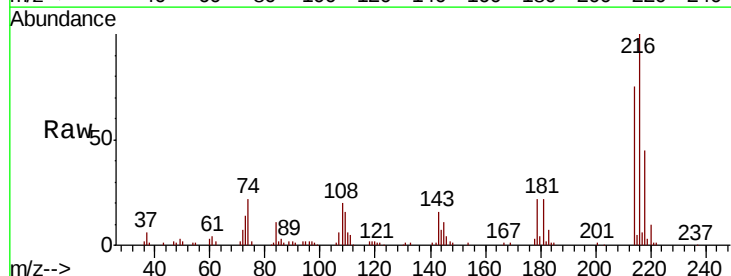


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

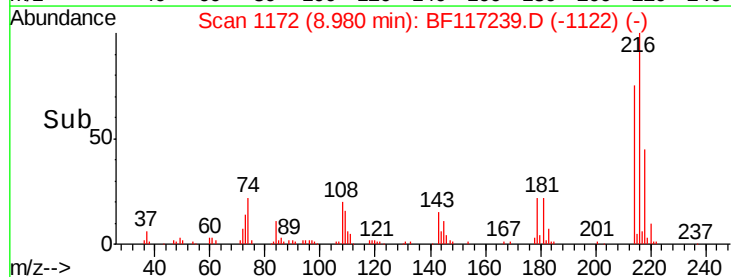
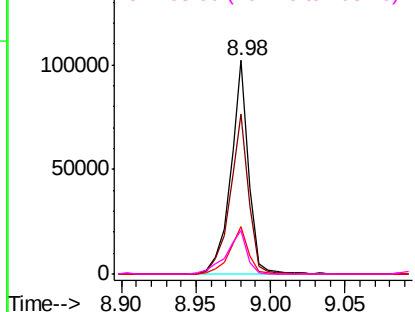


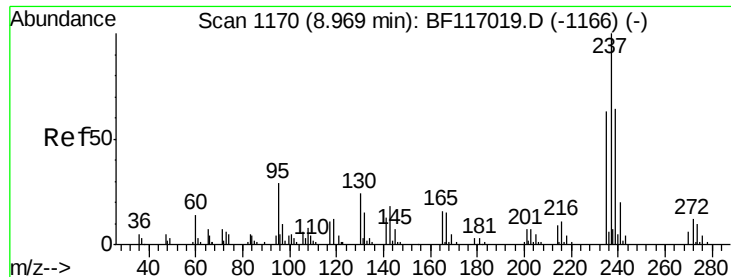
#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.290 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:216 Resp: 85981
Ion Ratio Lower Upper
216 100
214 78.6 63.6 95.4
179 23.0 18.3 27.5
108 23.8 17.8 26.6



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: 60.733 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

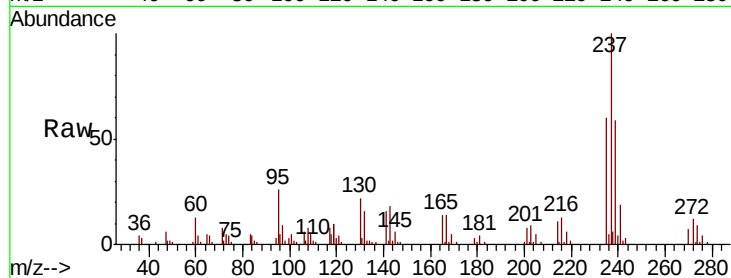
Tot Ion:237 Resp: 55313

Ion Ratio Lower Upper

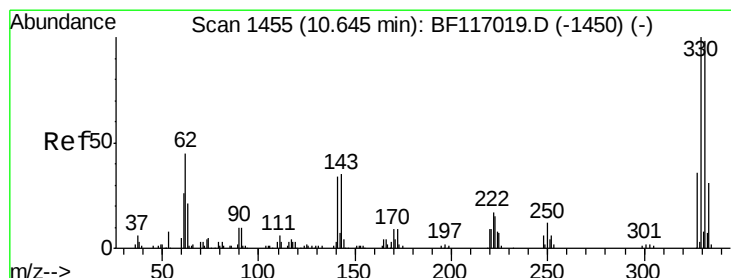
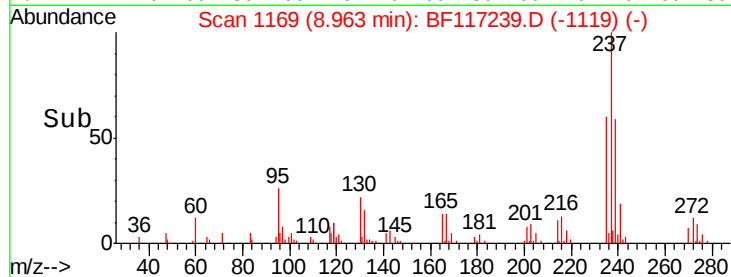
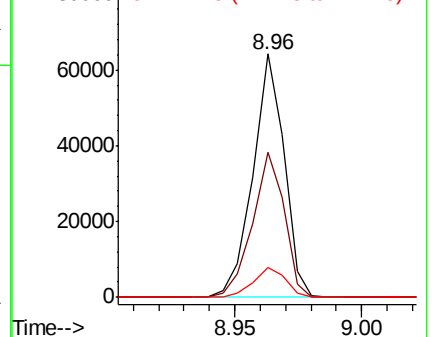
237 100

235 59.5 43.2 83.2

272 12.3 0.0 31.9



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: 87.406 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

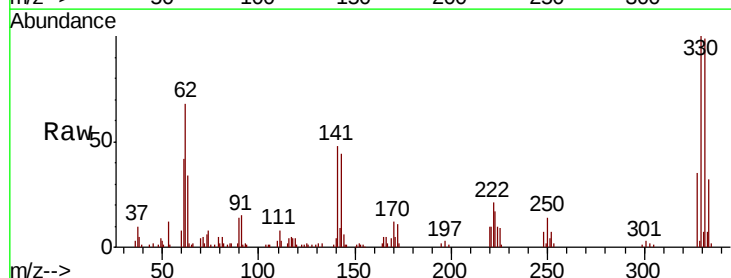
Tgt Ion:330 Resp: 60372

Ion Ratio Lower Upper

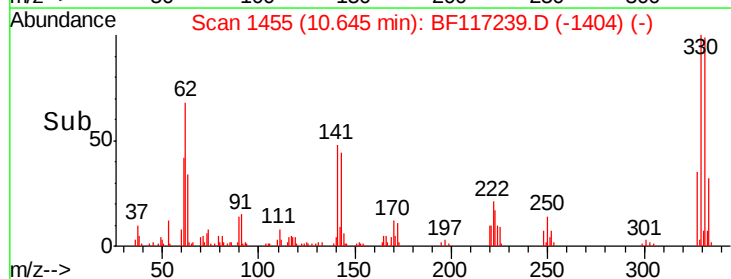
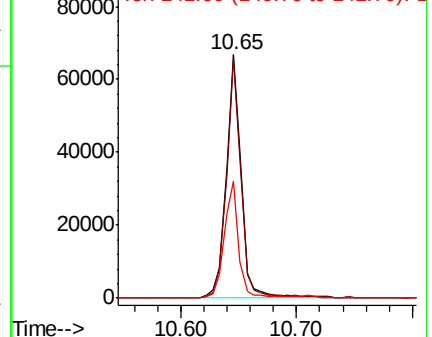
330 100

332 96.8 78.0 117.0

141 46.0 35.8 53.6



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

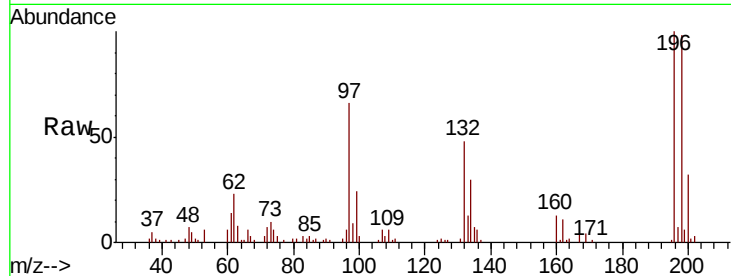




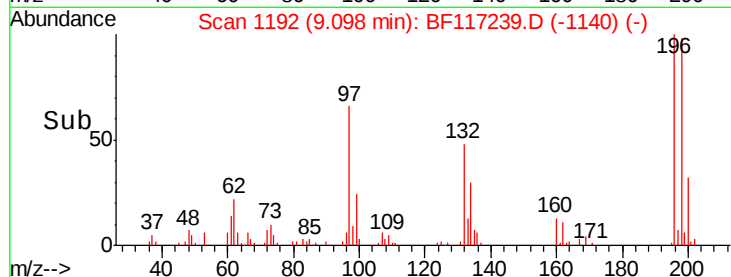
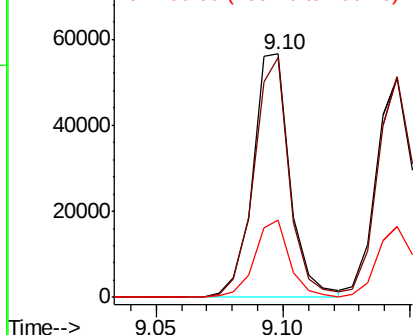
#43
 2,4,6-Trichlorophenol
 Concen: 39.864 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 57732
 Ion Ratio Lower Upper
 196 100
 198 98.4 75.7 113.5
 200 31.5 23.3 34.9



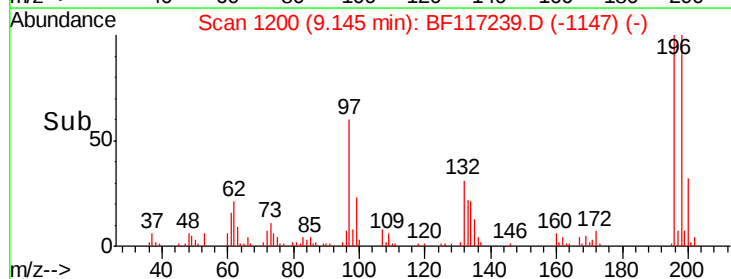
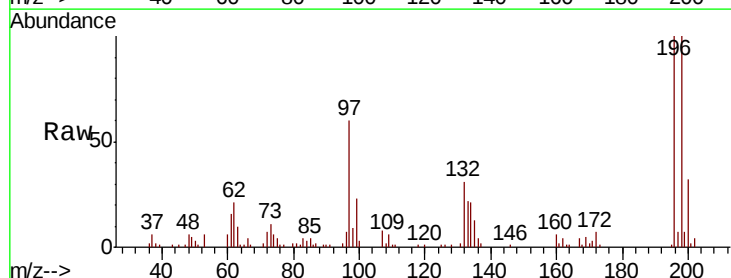
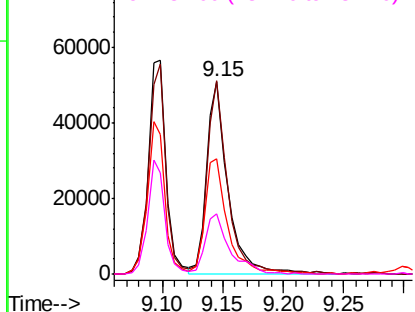
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

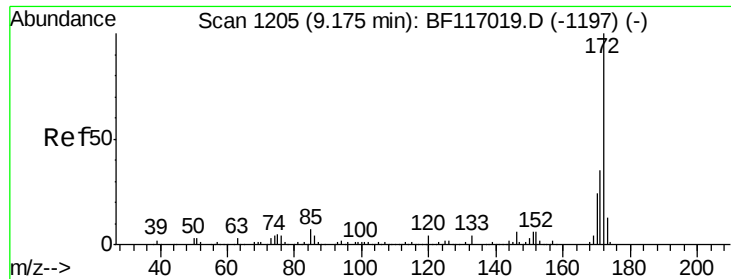


#44
 2,4,5-Trichlorophenol
 Concen: 40.343 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion:196 Resp: 62424
 Ion Ratio Lower Upper
 196 100
 198 100.5 74.6 112.0
 97 59.9 49.5 74.3
 132 31.6 27.4 41.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

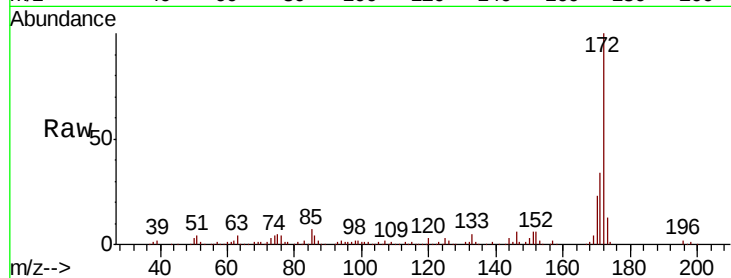




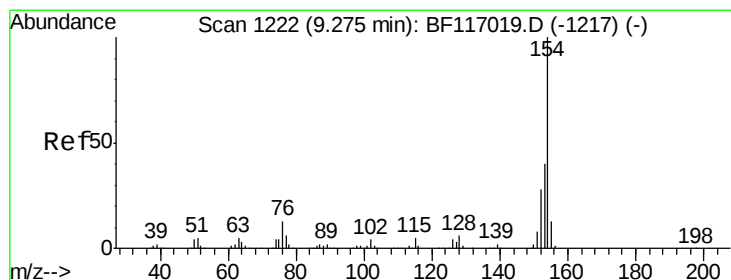
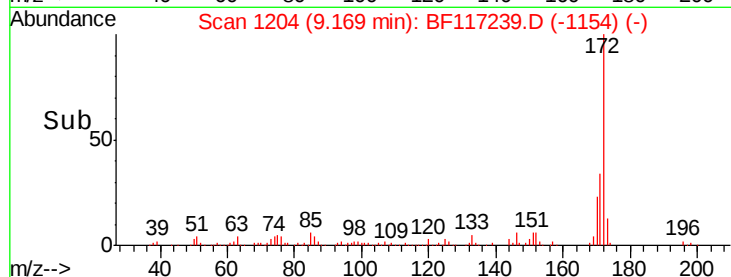
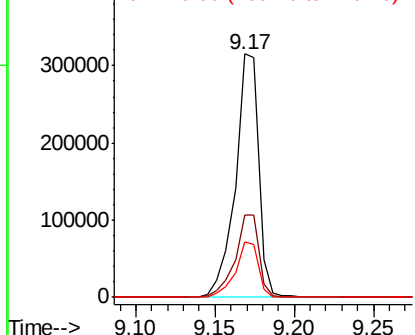
#45
2-Fluorobiphenyl
Concen: 61.069 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 322780
Ion Ratio Lower Upper
172 100
171 33.8 28.2 42.2
170 22.7 18.9 28.3

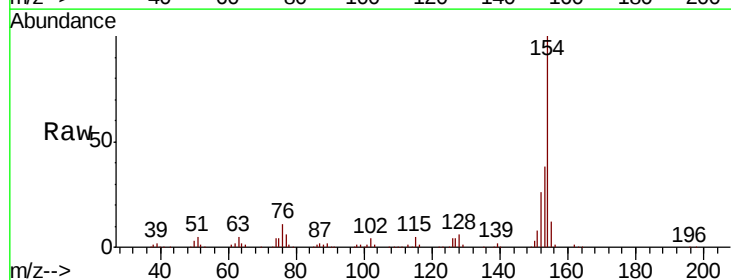


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

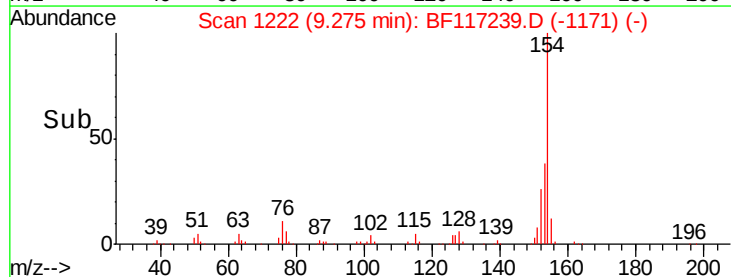
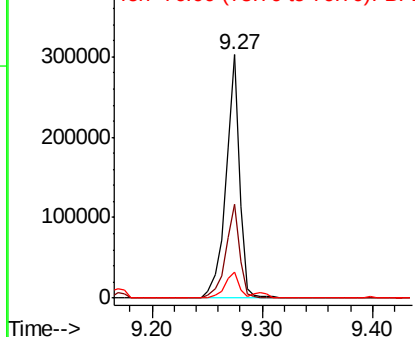


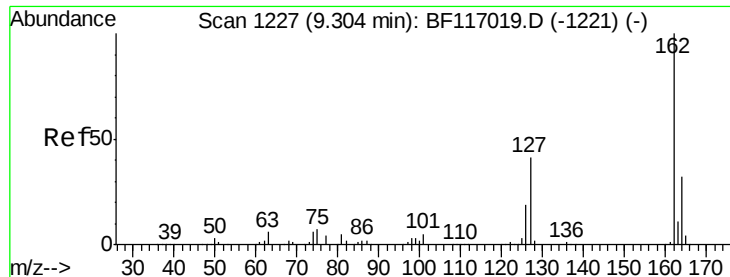
#46
1,1'-Biphenyl
Concen: 40.179 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:154 Resp: 260464
Ion Ratio Lower Upper
154 100
153 38.4 20.0 60.0
76 10.9 0.0 32.7



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

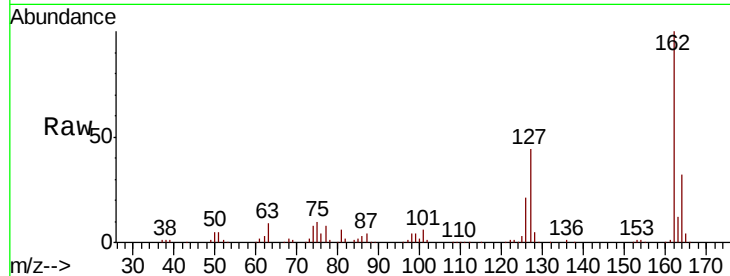




#47
 2-Chloronaphthalene
 Concen: 39.479 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	44.0	34.1	51.1
164	31.6	25.9	38.9

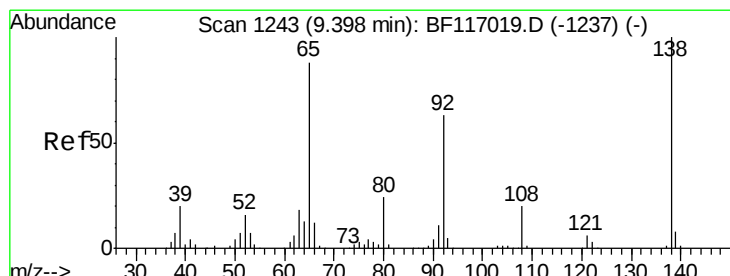
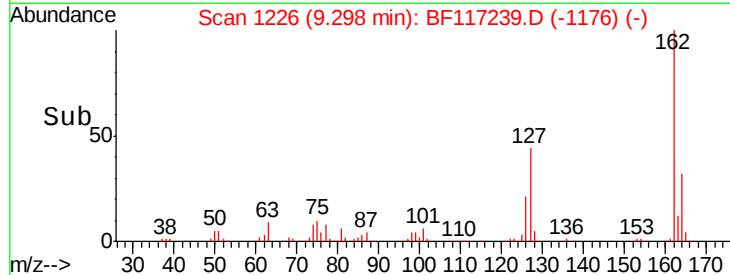
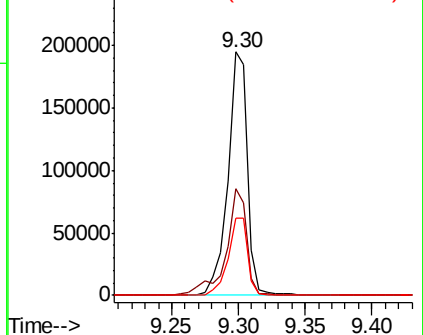


Abundance

Ion 162.00 (161.70 to 162.70): E

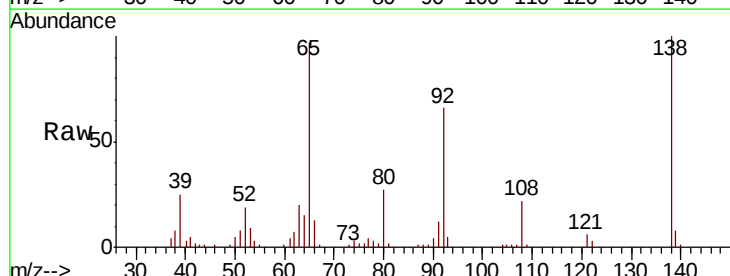
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 39.142 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	57.5	86.3
138	103.1	90.6	136.0

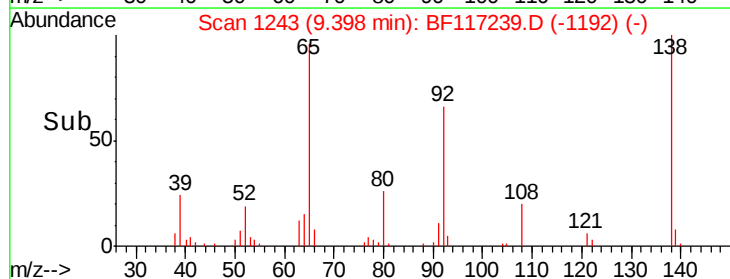
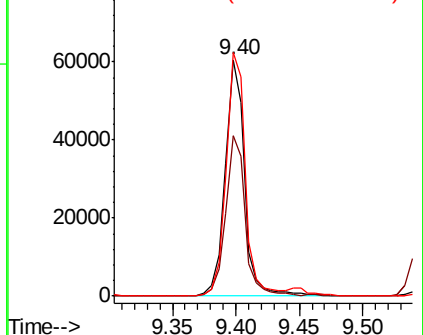


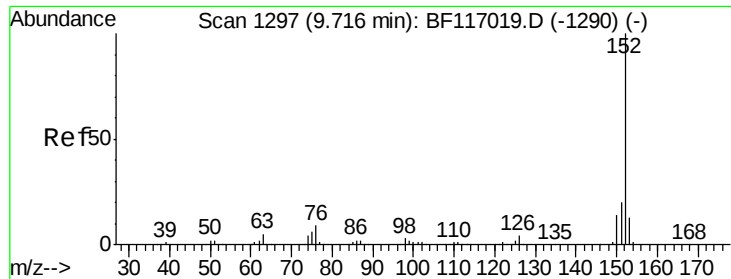
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

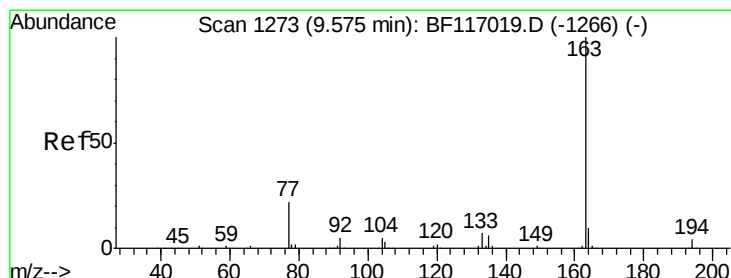
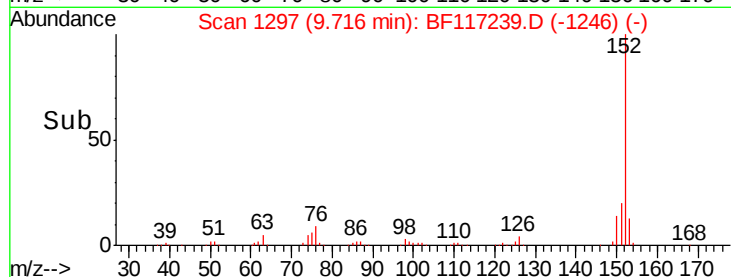
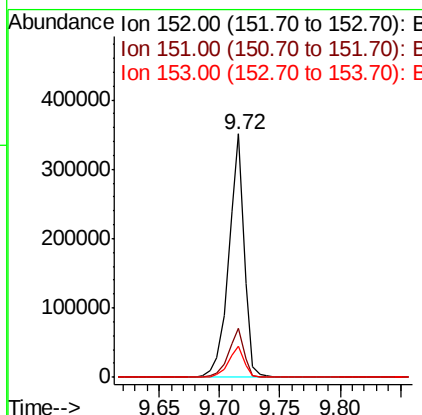
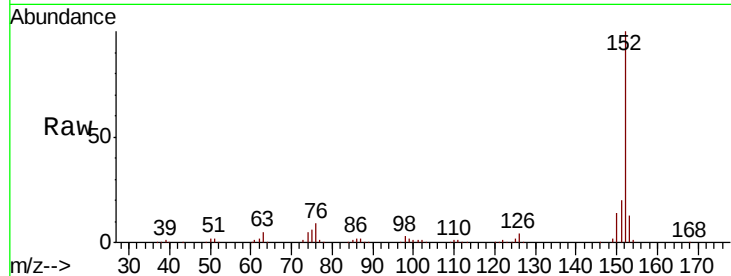




#49
Acenaphthylene
Concen: 40.543 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

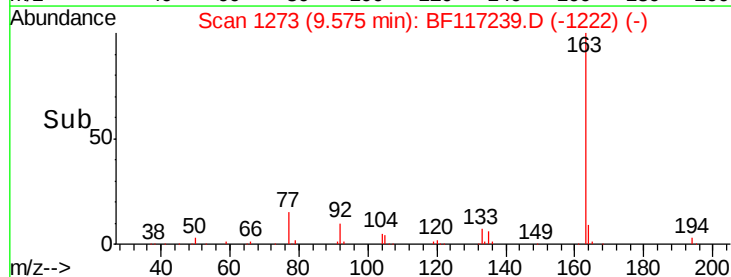
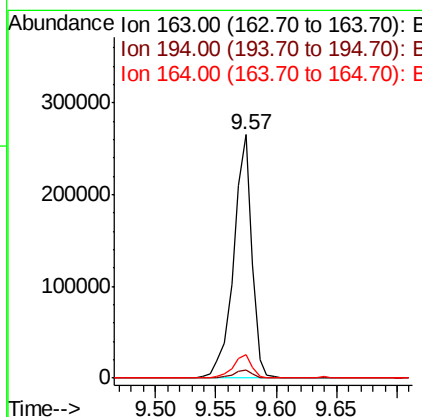
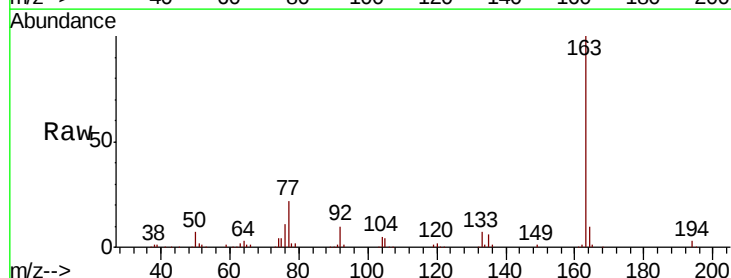
Instrument :
BNA_F
ClientSampleId :

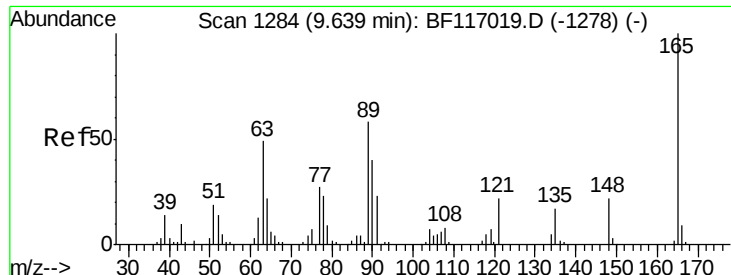
Tot Ion:152 Resp: 310727
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 12.9 10.2 15.4



#50
Dimethylphthalate
Concen: 47.938 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:163 Resp: 280512
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 9.6 8.2 12.4

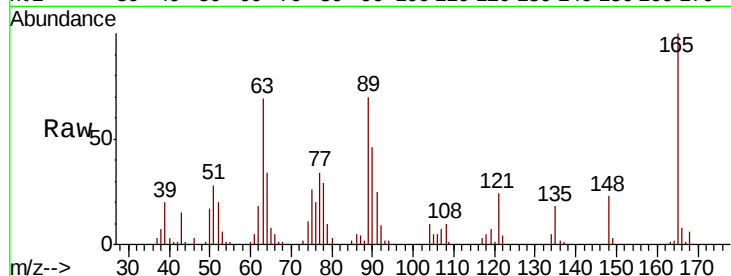




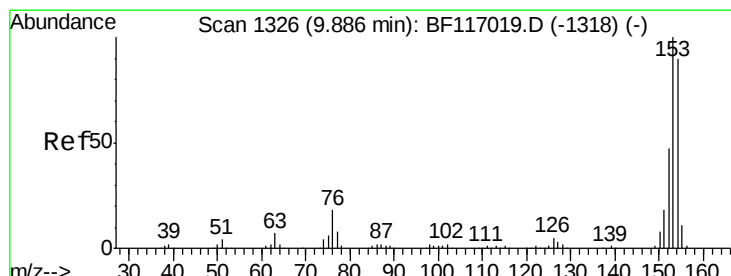
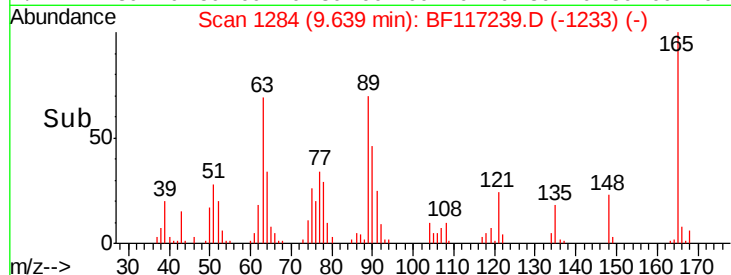
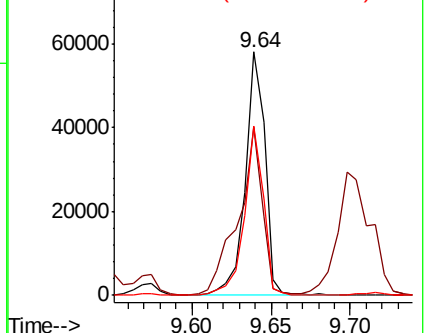
#51
 2,6-Dinitrotoluene
 Concen: 41.735 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	68.8	41.8	62.8#
89	69.7	46.5	69.7#

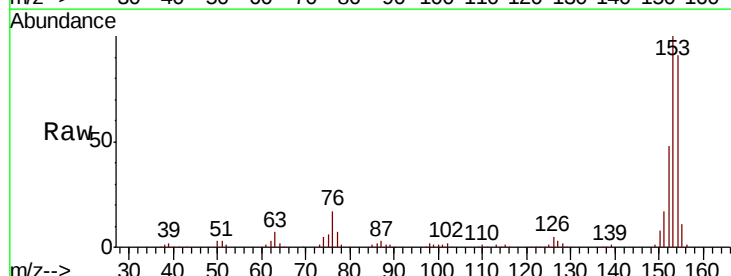


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

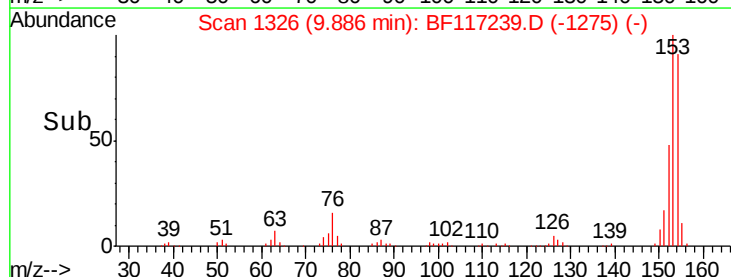
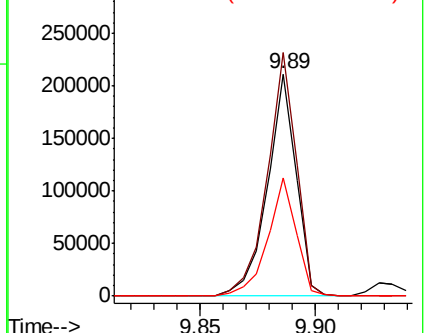


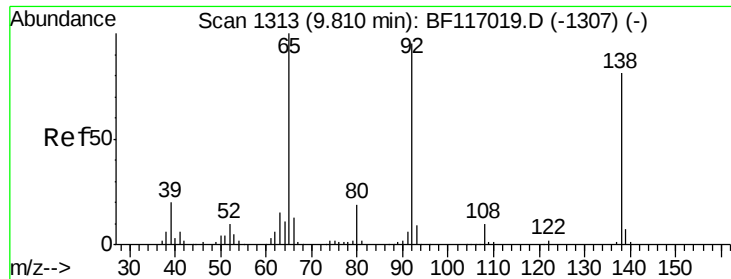
#52
 Acenaphthene
 Concen: 40.206 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.7	89.0	133.6
152	53.0	41.9	62.9



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

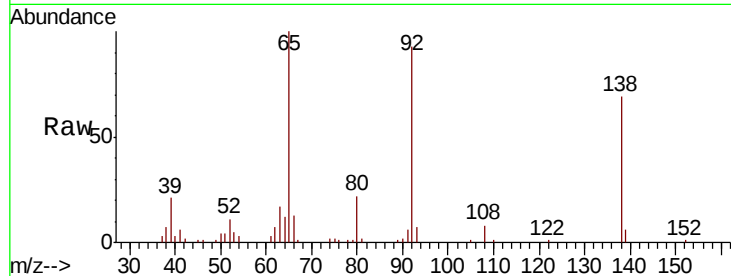




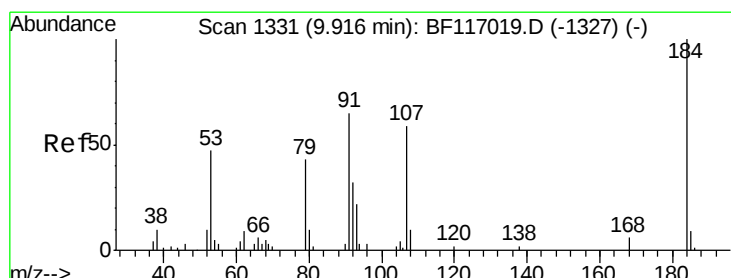
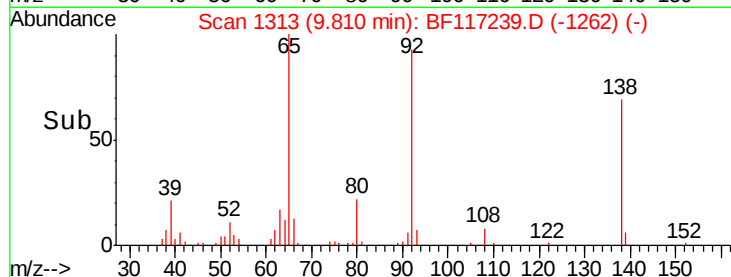
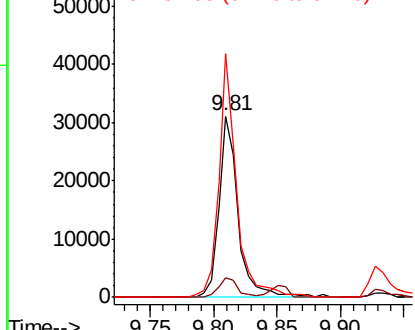
#53
3-Nitroaniline
Concen: 21.963 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 33024
Ion Ratio Lower Upper
138 100
108 11.1 9.5 14.3
92 134.4 94.1 141.1

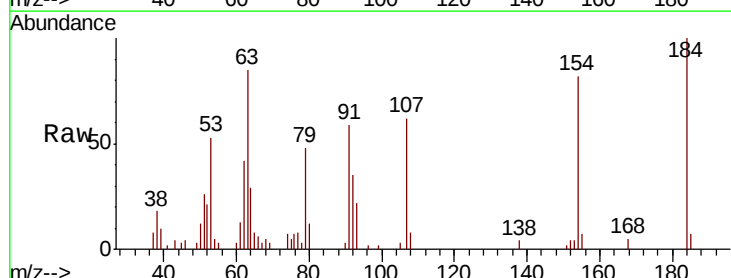


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

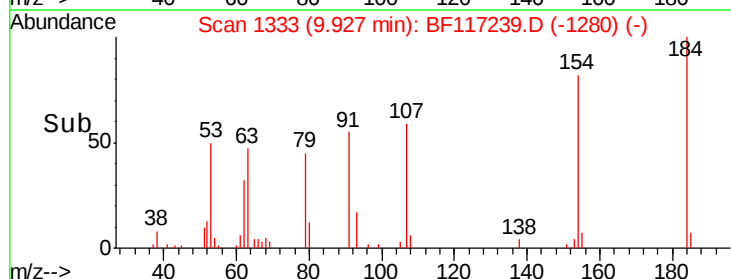
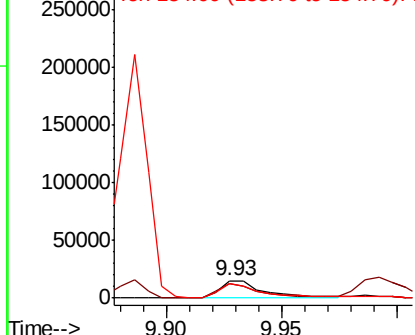


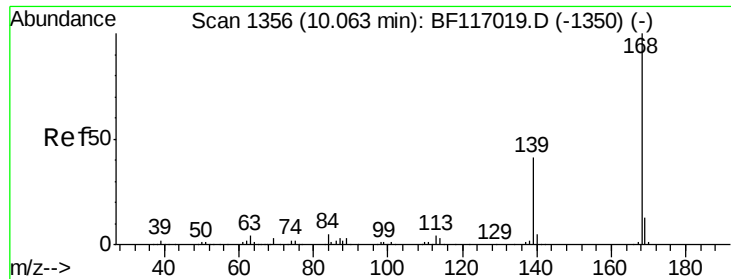
#54
2,4-Dinitrophenol
Concen: 43.801 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:184 Resp: 20129
Ion Ratio Lower Upper
184 100
63 84.8 63.8 95.6
154 81.6 60.4 90.6



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

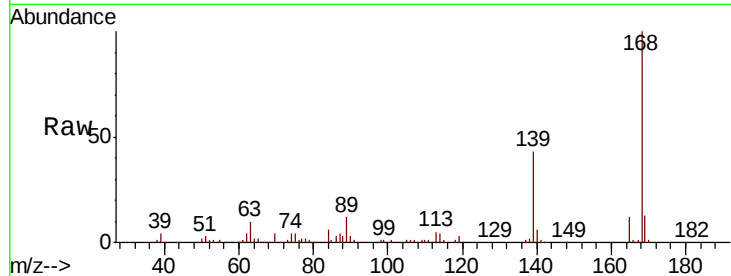




#55
Dibenzofuran
Concen: 41.817 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	32.8	49.2
169	12.9	10.5	15.7

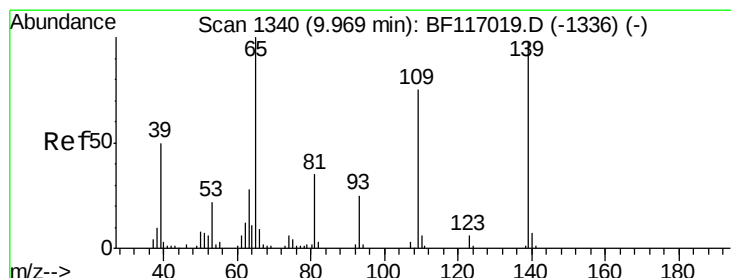
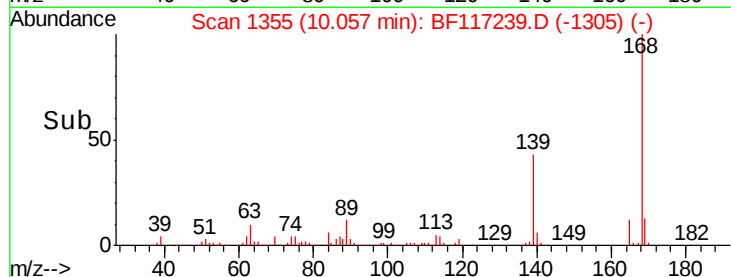
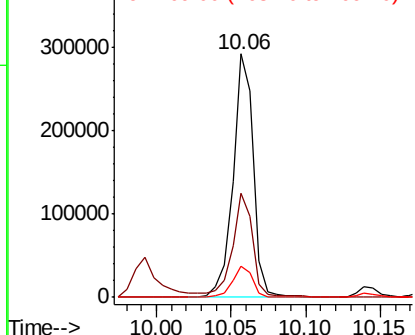


Abundance

Ion 168.00 (167.70 to 168.70): E

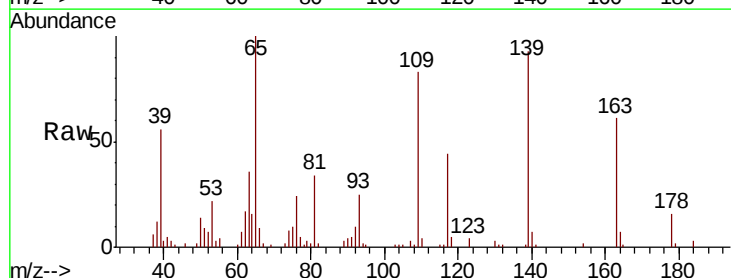
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 56.699 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	89.3	56.4	96.4
65	107.1	82.5	122.5

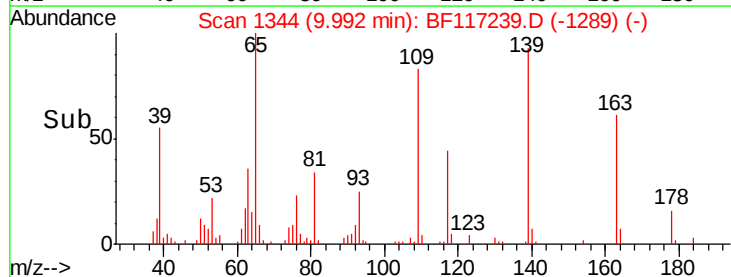
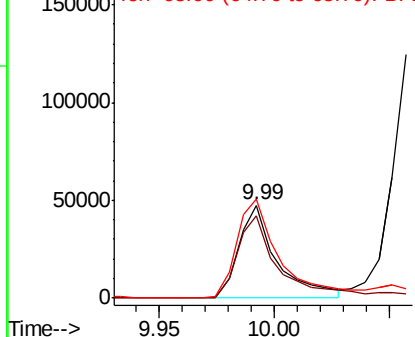


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

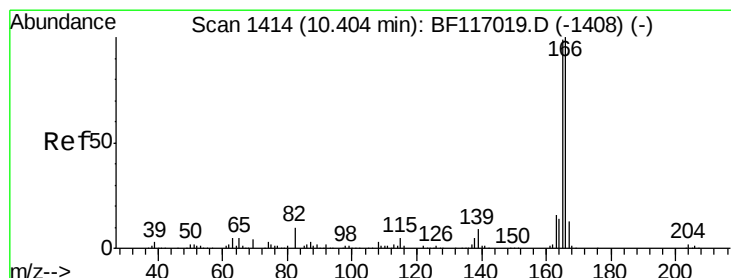
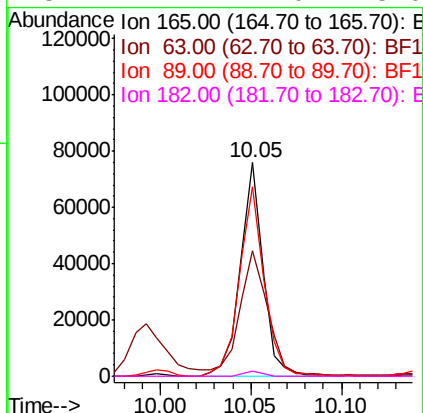
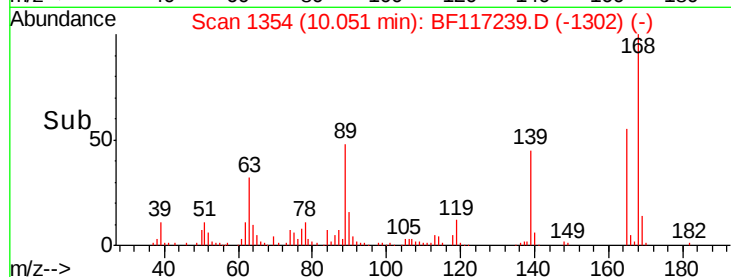
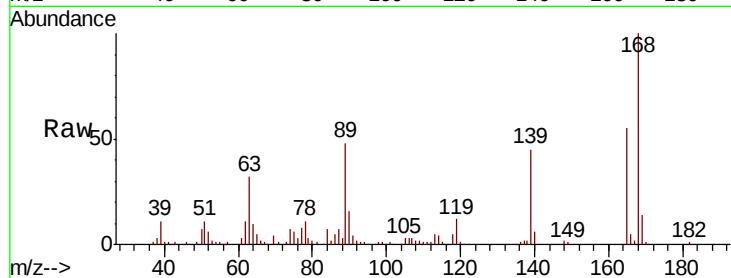




#57
 2,4-Dinitrotoluene
 Concen: 43.108 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

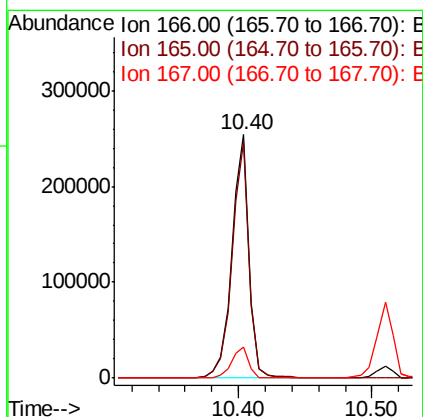
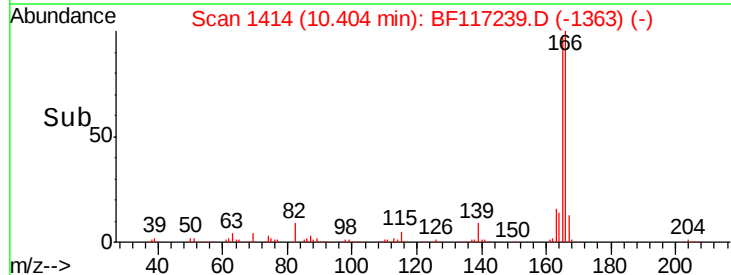
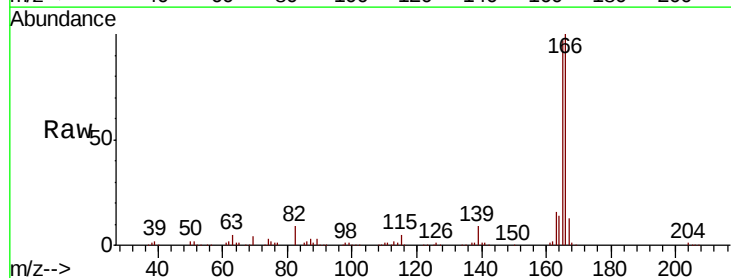
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.0	35.0	52.4#
89	88.5	66.1	99.1
182	2.2	2.0	3.0



#58
 Fluorene
 Concen: 42.522 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.9	118.3
167	12.6	10.6	15.8

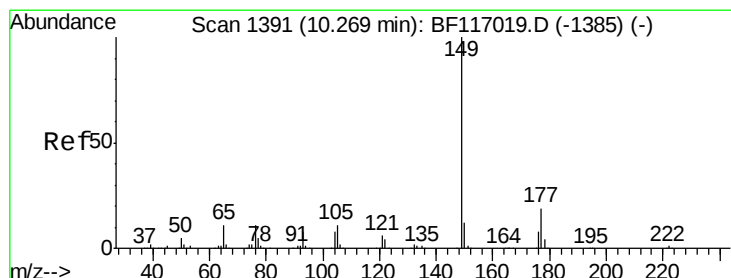
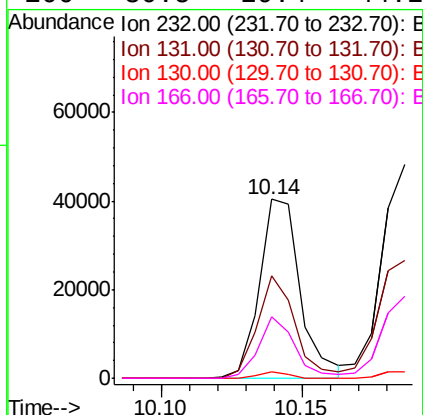
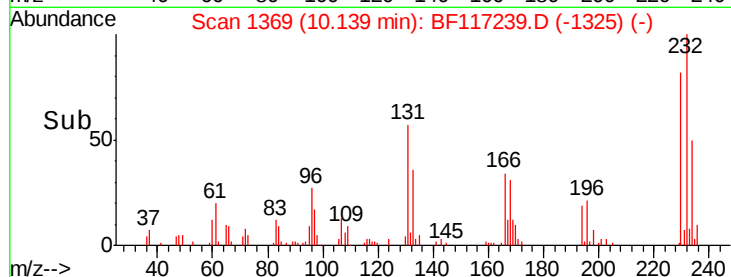
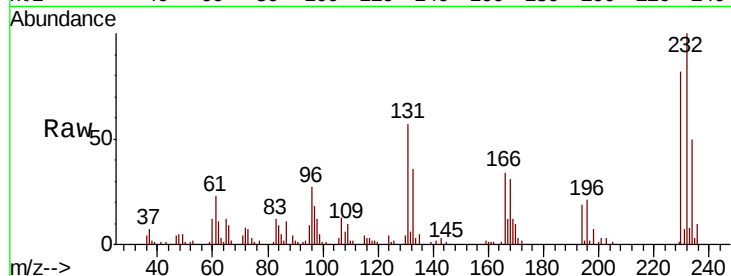




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.357 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.04 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

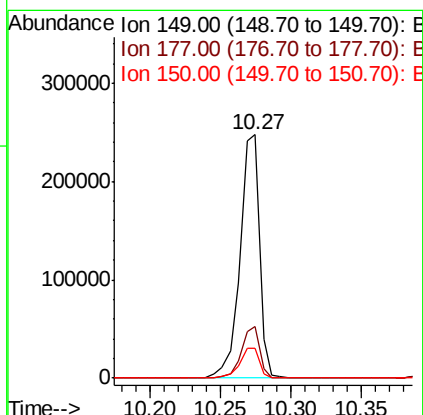
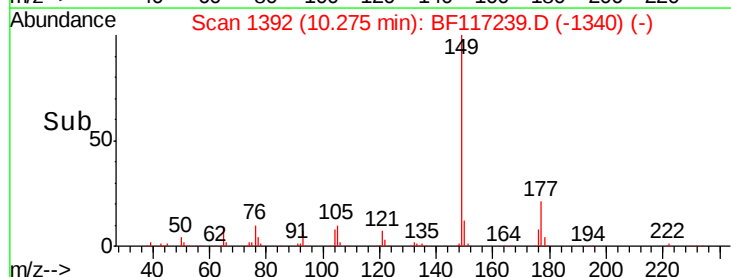
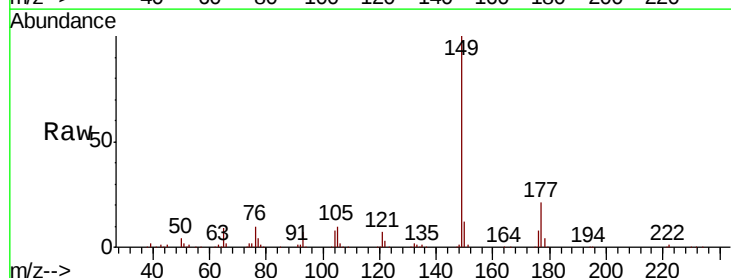
Instrument :
 BNA_F
 ClientSampleId :

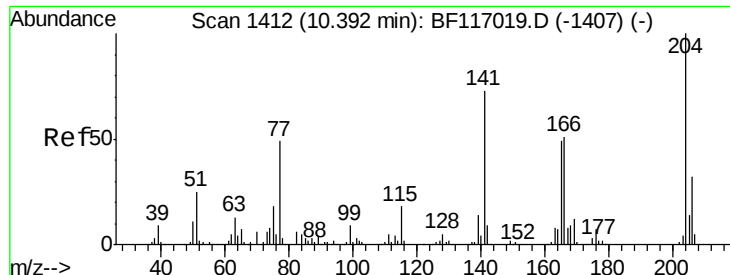
Tot Ion	Ratio	Lower	Upper
232	100		
131	53.3	45.3	67.9
130	2.6	1.8	2.8
166	30.5	29.4	44.2



#60
 Diethylphthalate
 Concen: 41.379 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	15.2	22.8
150	12.2	9.9	14.9

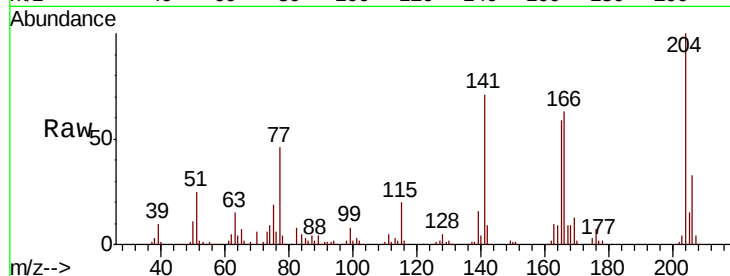




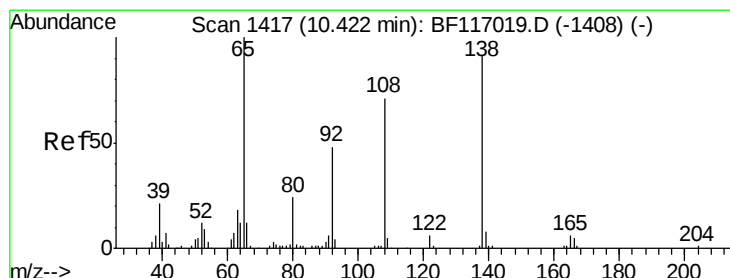
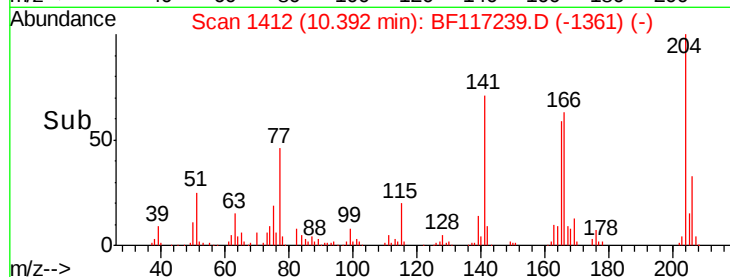
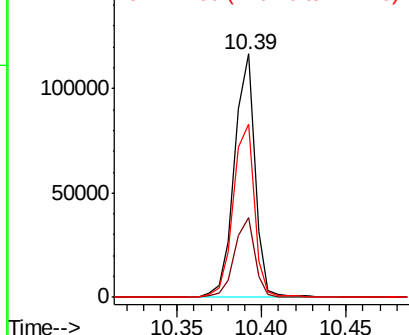
#61
4-Chlorophenyl-phenylether
Concen: 42.264 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 98738
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 71.3 58.2 87.2

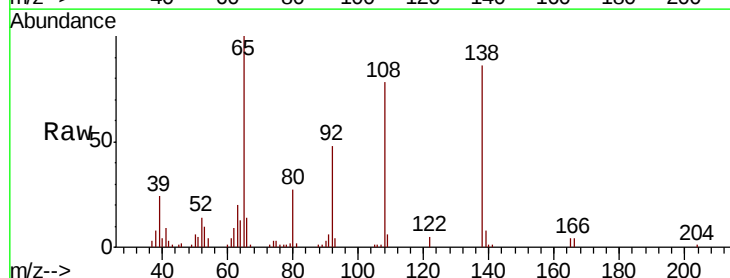


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

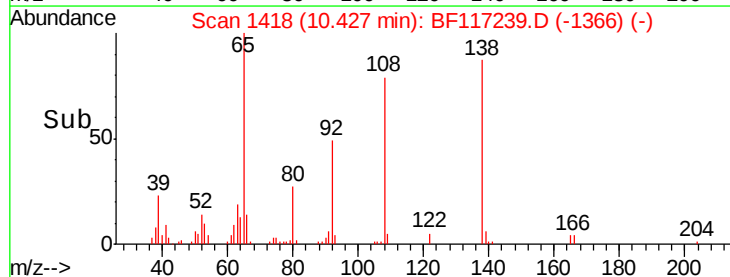
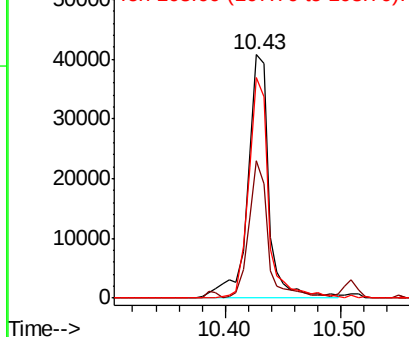


#62
4-Nitroaniline
Concen: 33.162 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:138 Resp: 51857
Ion Ratio Lower Upper
138 100
92 56.5 32.9 72.9
108 90.8 58.3 98.3



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





#63

Azobenzene

Concen: 42.003 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 246964

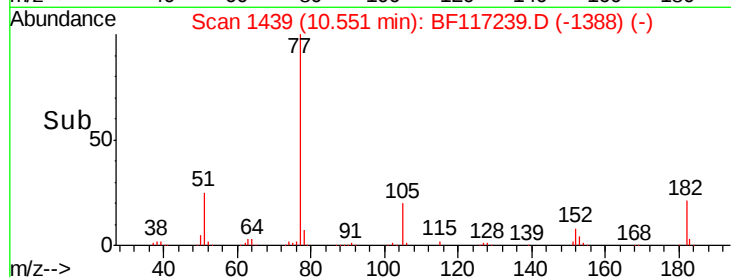
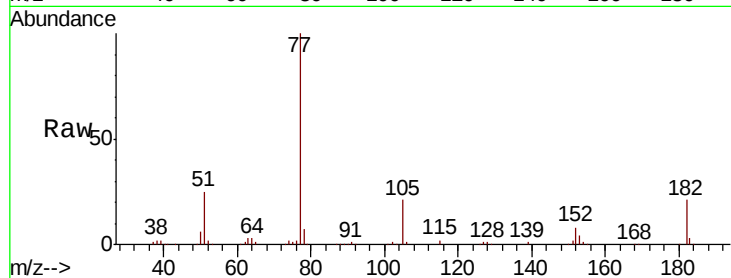
Ion Ratio Lower Upper

77 100

182 21.2 0.4 40.4

105 20.6 0.9 40.9

51 25.0 2.8 42.8

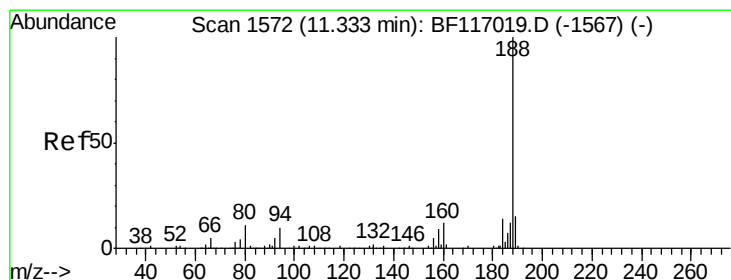
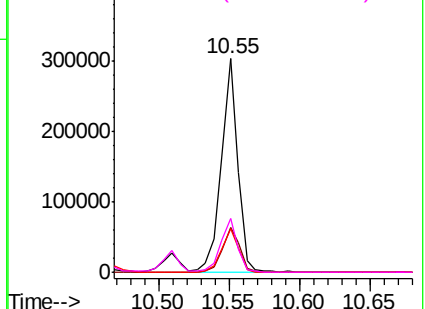


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

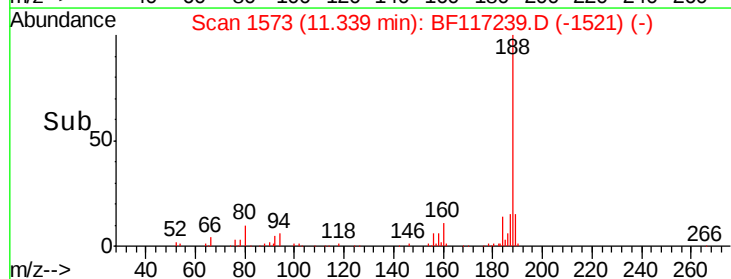
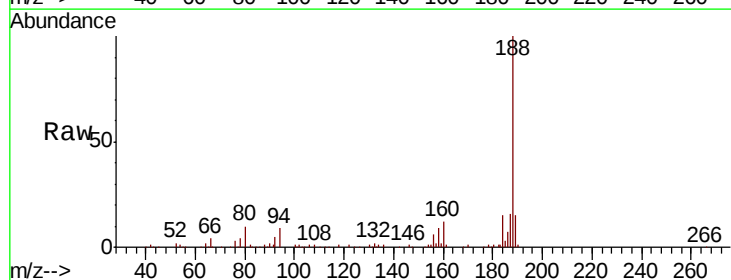
Tgt Ion: 188 Resp: 126776

Ion Ratio Lower Upper

188 100

94 9.1 8.2 12.2

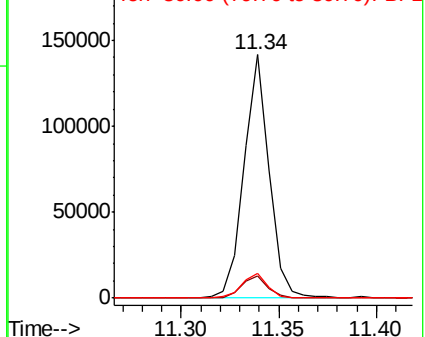
80 10.4 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 36.424 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

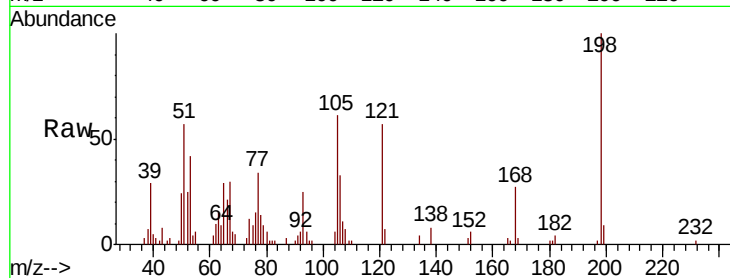
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 19917

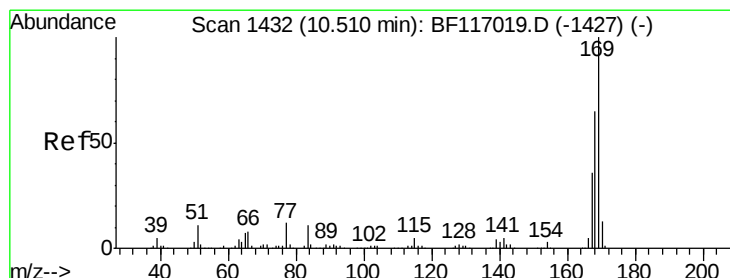
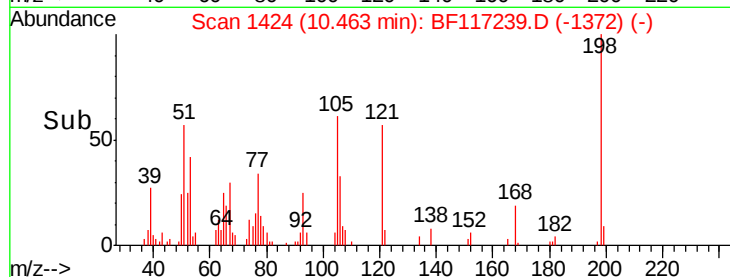
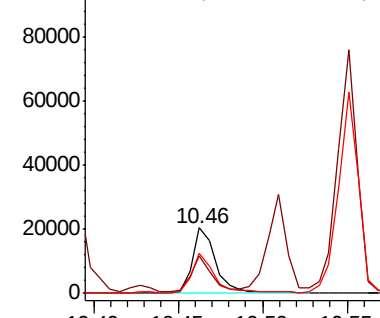
Ion	Ratio	Lower	Upper
198	100		
51	57.1	18.7	58.7
105	61.2	30.2	70.2



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: 43.799 ng

RT: 10.51 min Scan# 1432

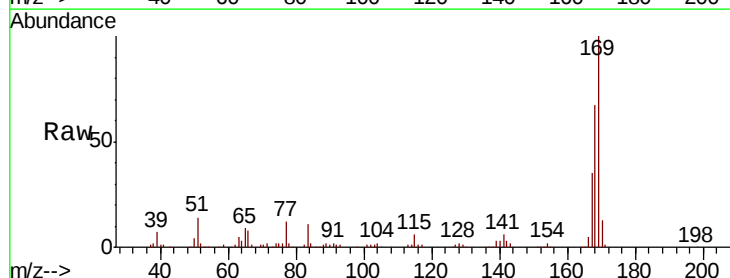
Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion:169 Resp: 191764

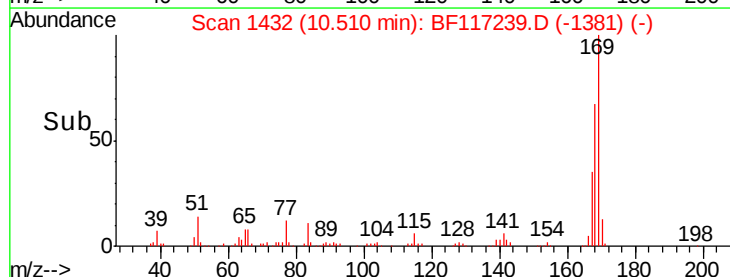
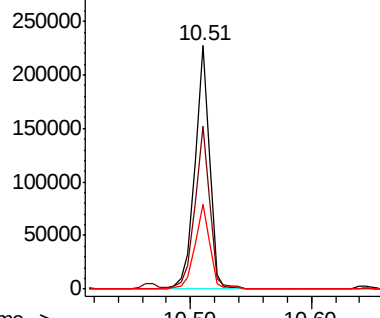
Ion	Ratio	Lower	Upper
169	100		
168	67.1	52.2	78.2
167	35.0	28.8	43.2

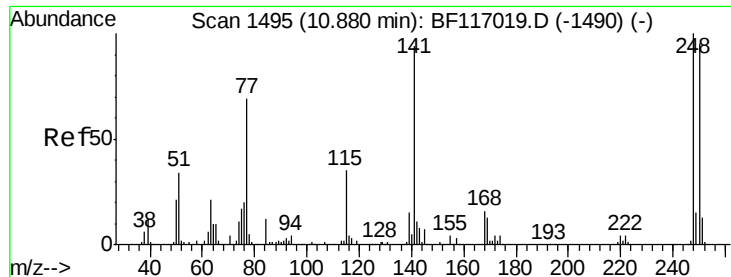


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

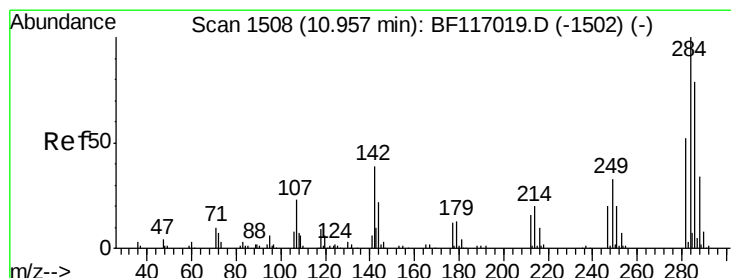
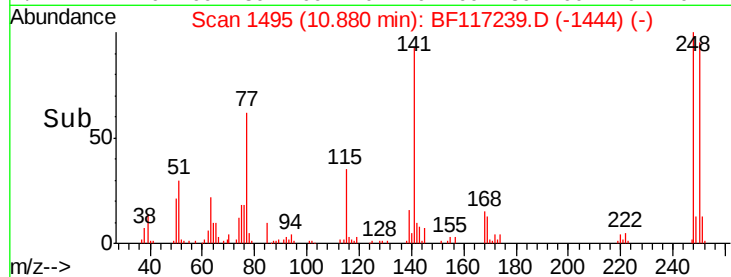
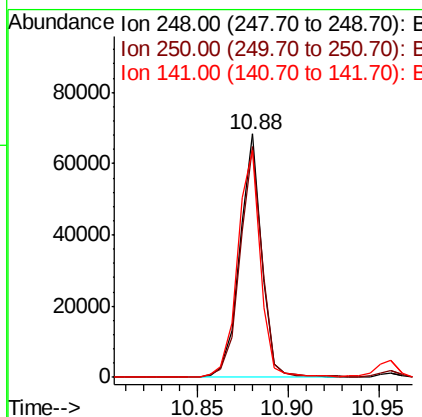
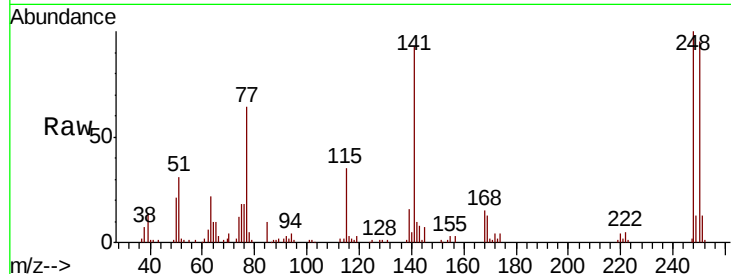




#67
 4-Bromophenyl-phenylether
 Concen: 44.142 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

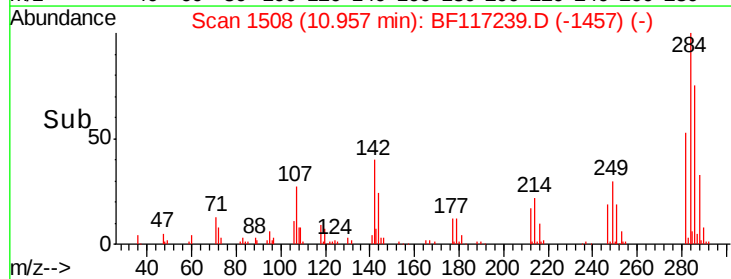
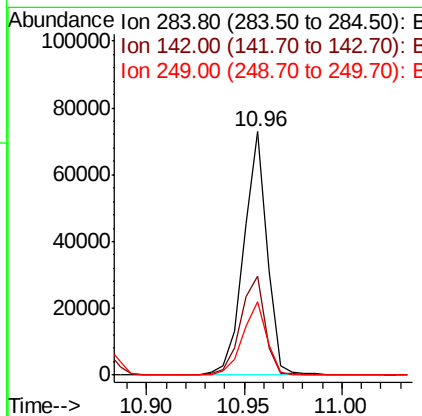
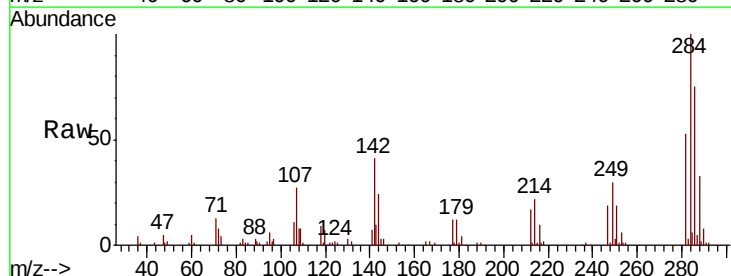
Instrument :
 BNA_F
 ClientSampleId :

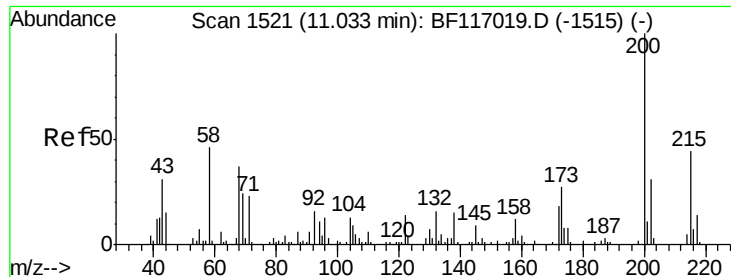
Tot Ion:248 Resp: 57150
 Ion Ratio Lower Upper
 248 100
 250 94.6 76.2 114.4
 141 93.4 75.0 112.4



#68
 Hexachlorobenzene
 Concen: 42.621 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion:284 Resp: 60354
 Ion Ratio Lower Upper
 284 100
 142 40.7 31.4 47.2
 249 30.1 26.5 39.7

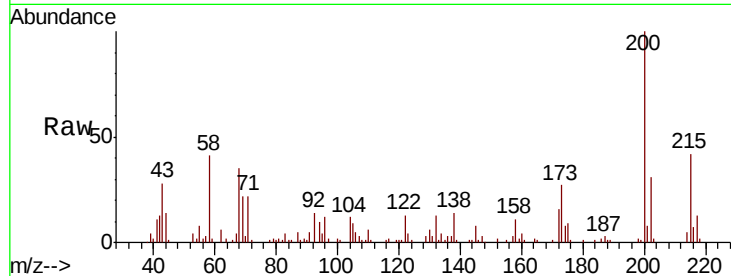




#69
 Atrazine
 Concen: 48.363 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.9	46.9
215	41.7	23.8	63.8

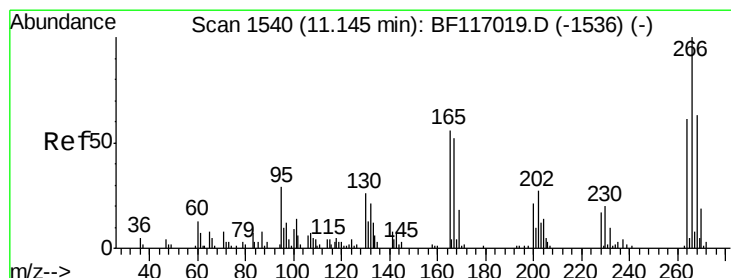
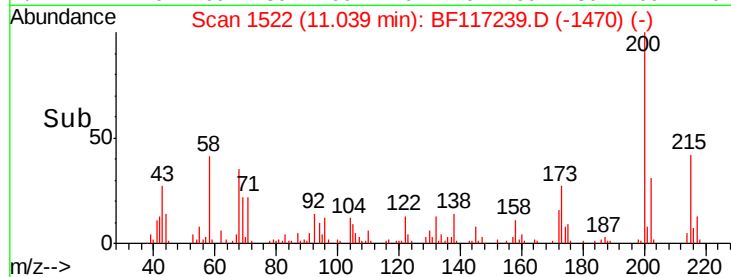
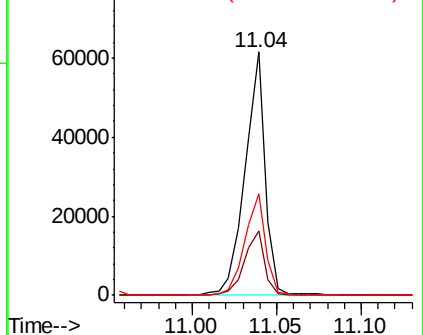


Abundance

Ion 200.00 (199.70 to 200.70): E

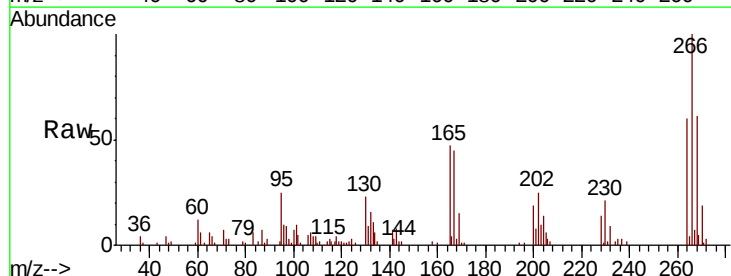
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 78.386 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.9	50.5	75.7
264	60.1	48.8	73.2

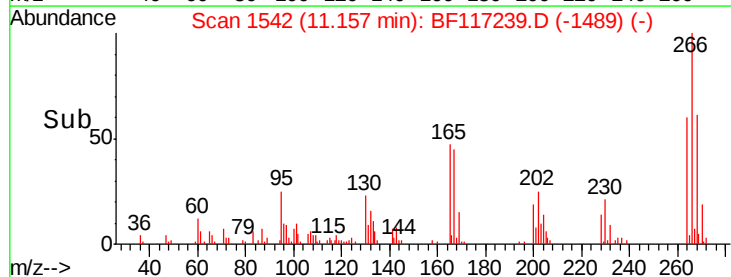
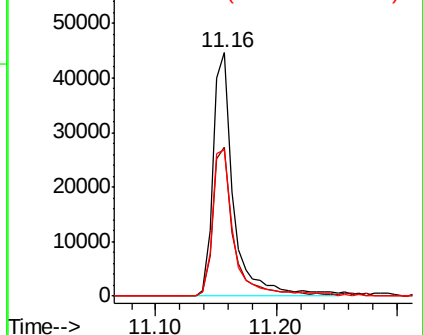


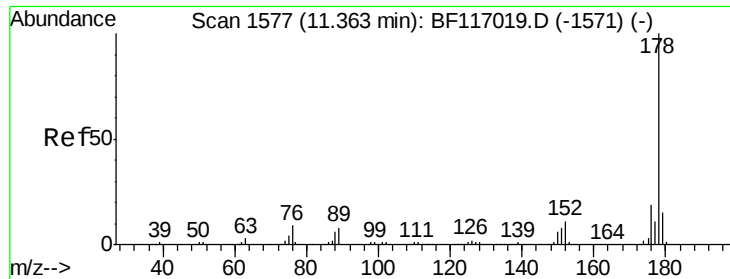
Abundance

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

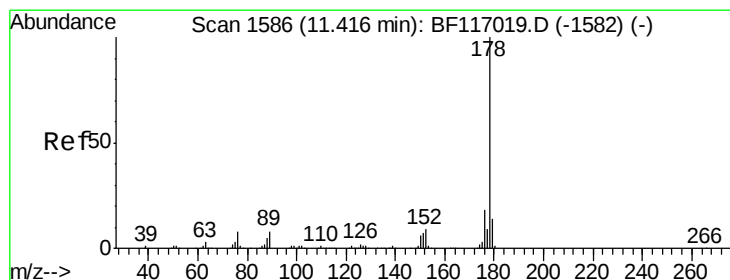
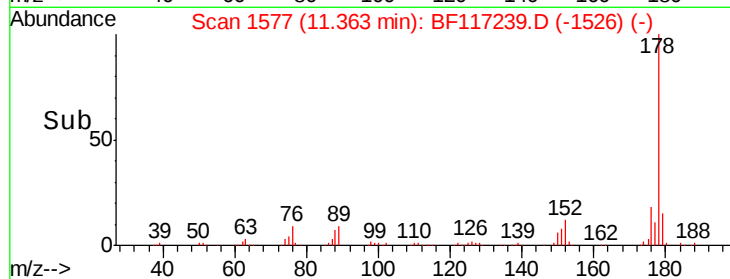
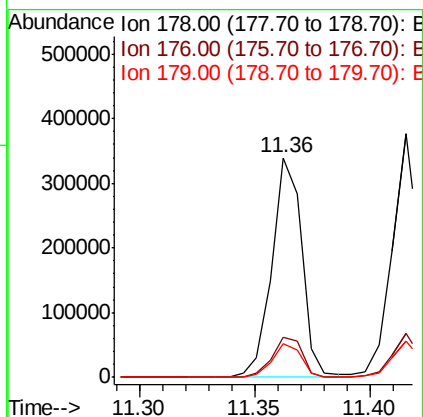
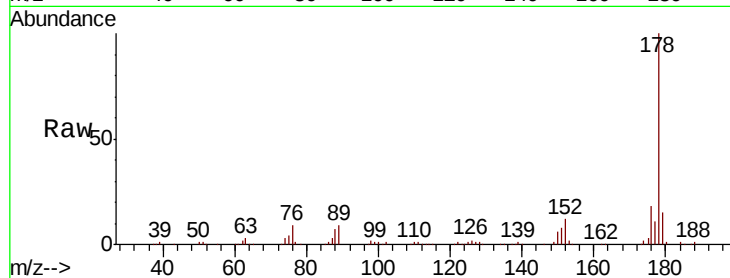




#71
Phenanthrene
Concen: 42.459 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

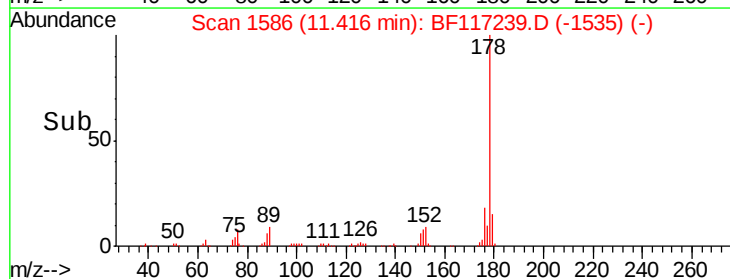
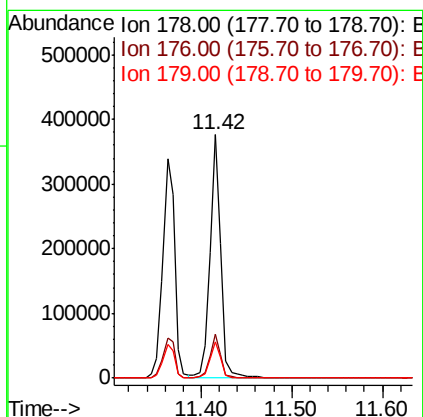
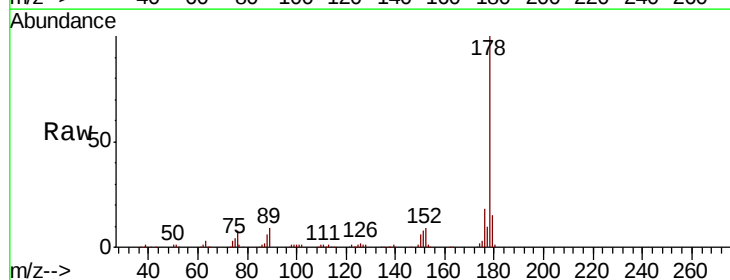
Instrument :
BNA_F
ClientSampleId :

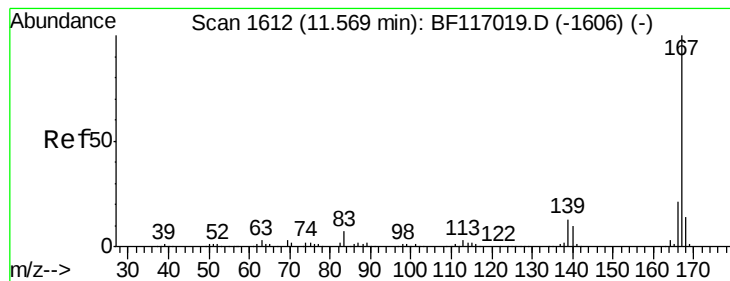
Tot Ion:178 Resp: 305737
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.5 12.4 18.6



#72
Anthracene
Concen: 43.360 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:178 Resp: 318758
Ion Ratio Lower Upper
178 100
176 18.0 14.6 21.8
179 15.0 11.6 17.4





#73

Carbazole

Concen: 38.483 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

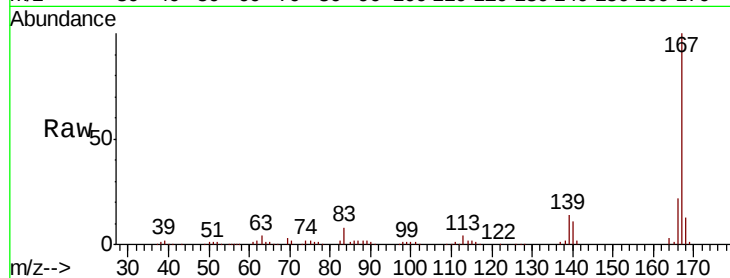
Tot Ion:167 Resp: 268540

Ion Ratio Lower Upper

167 100

166 21.8 17.2 25.8

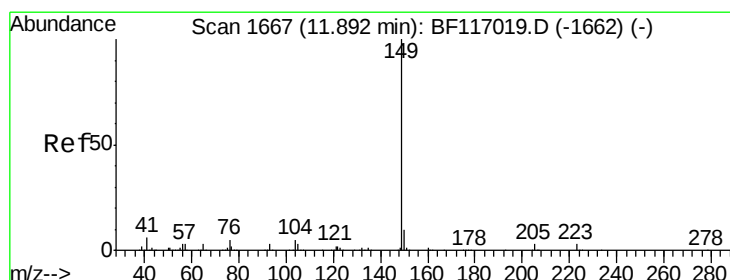
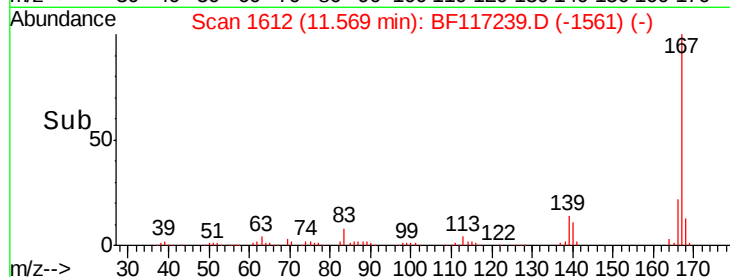
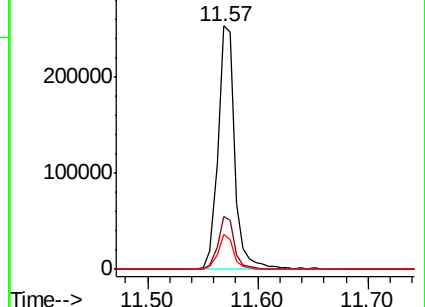
139 14.4 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.276 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

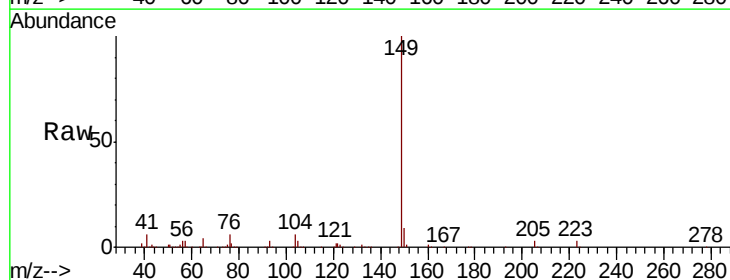
Tgt Ion:149 Resp: 375901

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

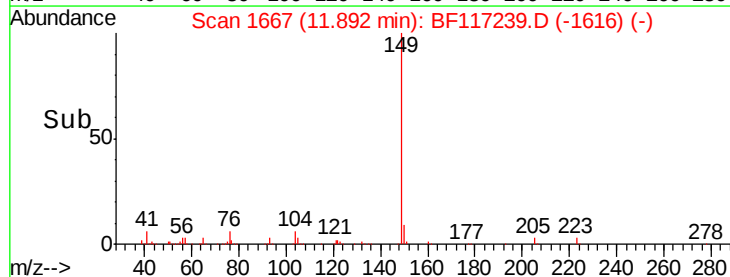
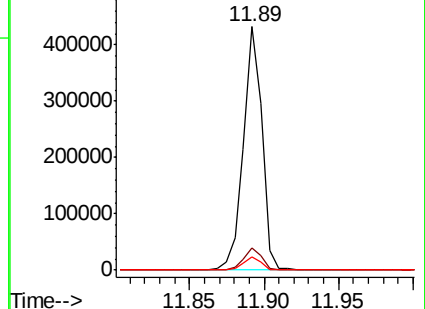
104 5.7 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

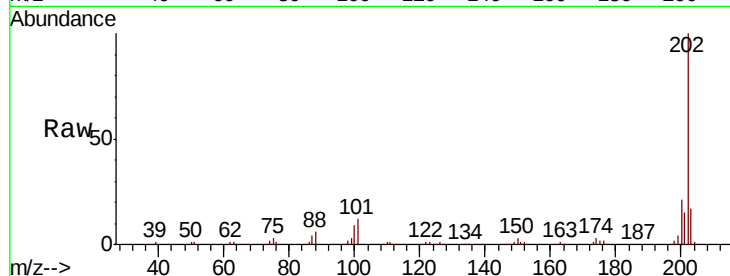




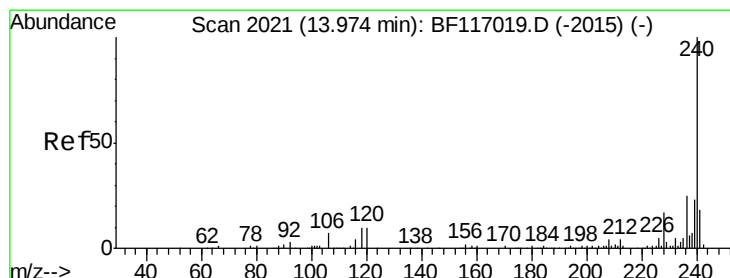
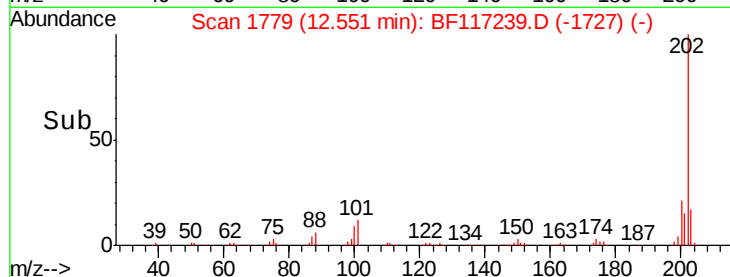
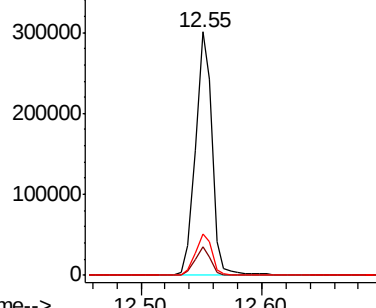
#75
 Fluoranthene
 Concen: 38.513 ng
 RT: 12.55 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	32.3
203	17.2	0.0	37.1

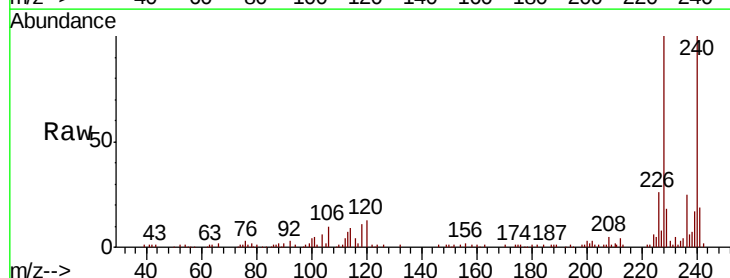


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

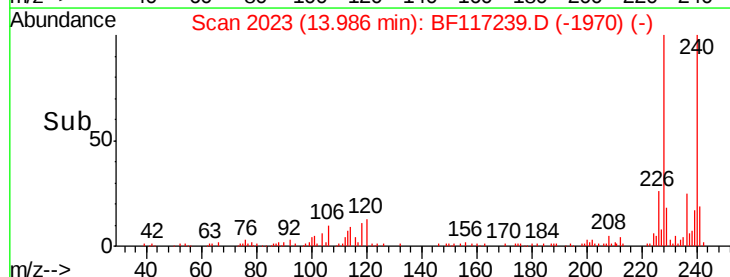
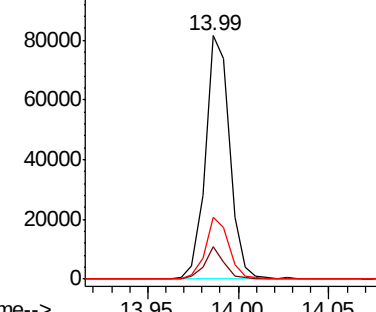


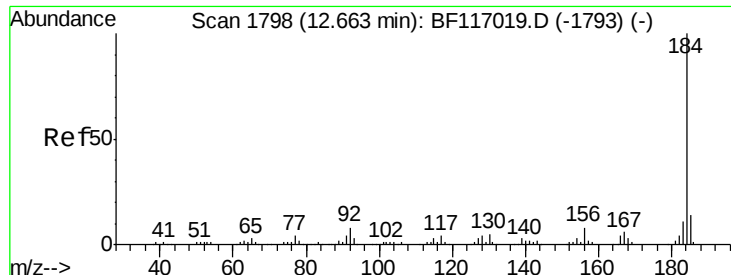
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	25.2	20.3	30.5



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

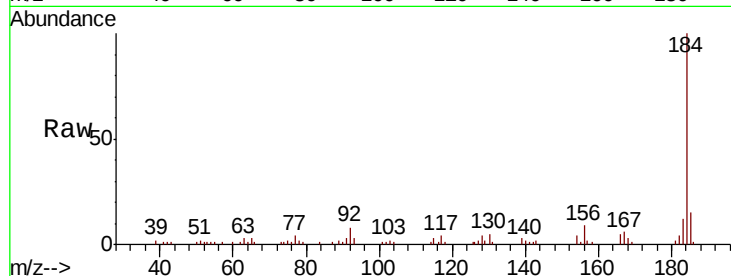




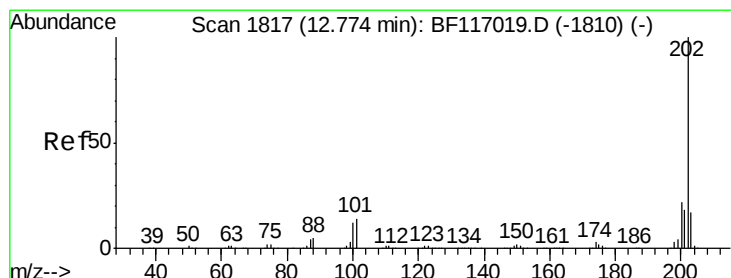
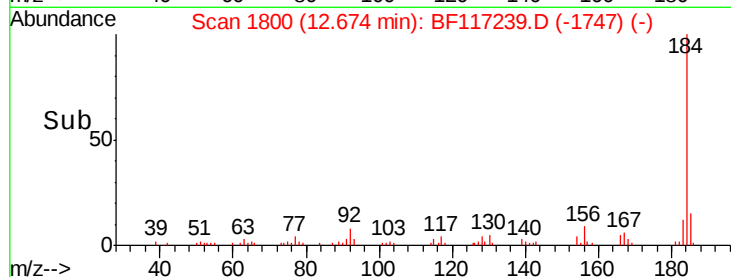
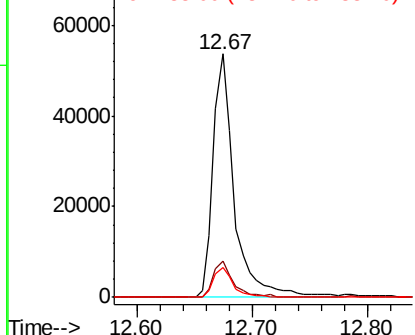
#77
Benzidine
Concen: 28.075 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 68832
Ion Ratio Lower Upper
184 100
185 15.1 11.6 17.4
183 12.4 9.0 13.4

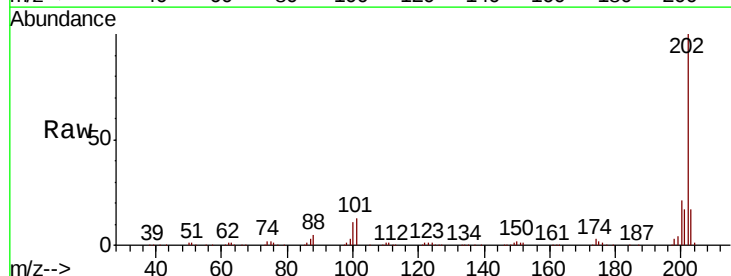


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

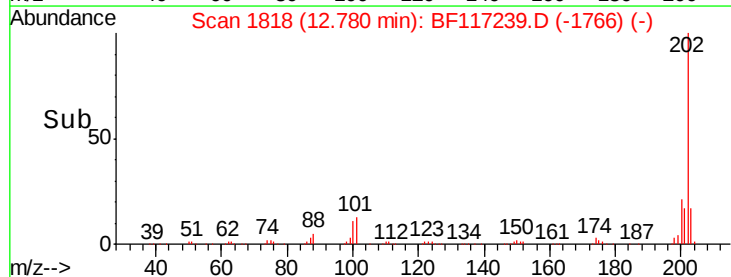
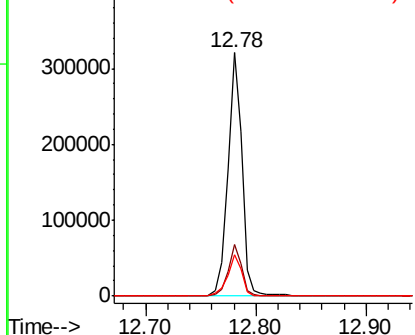


#78
Pyrene
Concen: 45.098 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.01 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:202 Resp: 288002
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.0 14.0 21.0



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

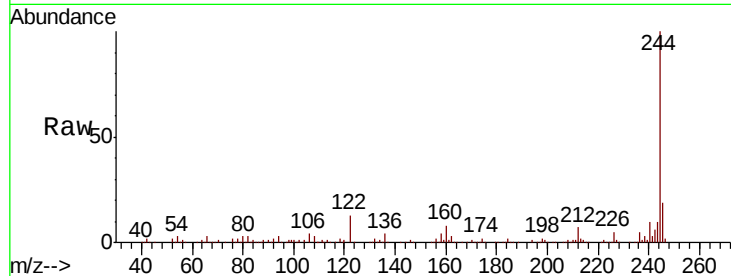




#79
 Terphenyl-d14
 Concen: 65.752 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.3	11.3	16.9

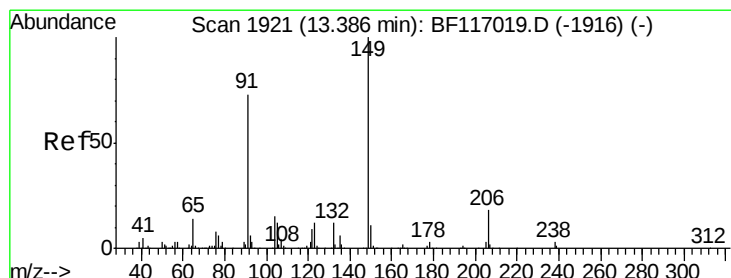
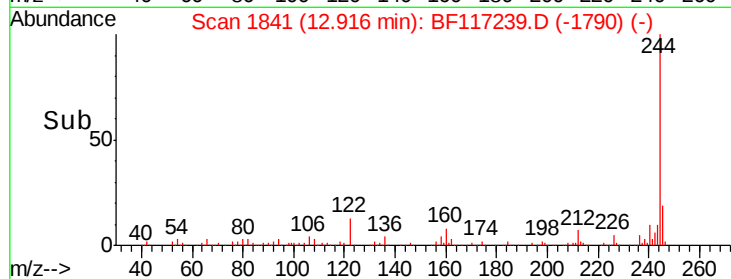
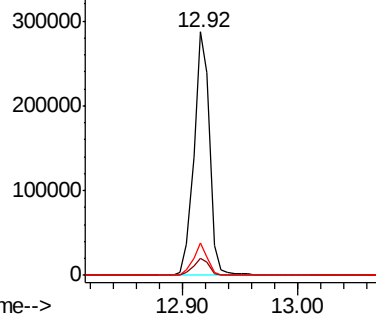


Abundance

Ion 244.00 (243.70 to 244.70): E

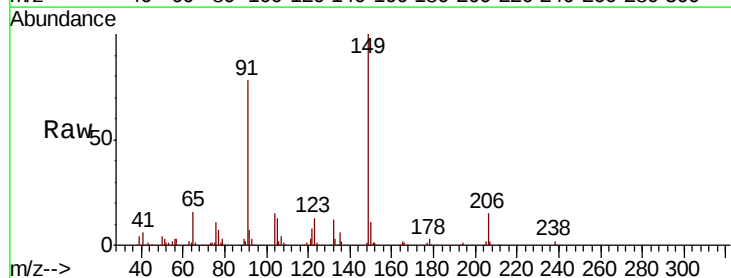
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 43.303 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.7	58.8	88.2
206	15.3	14.1	21.1

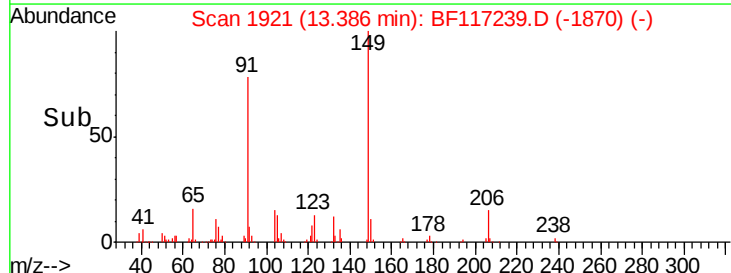
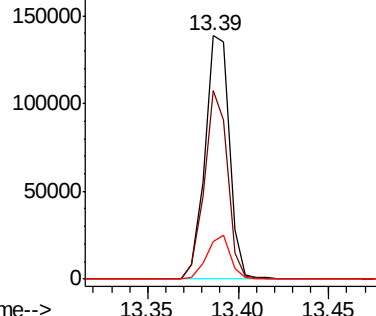


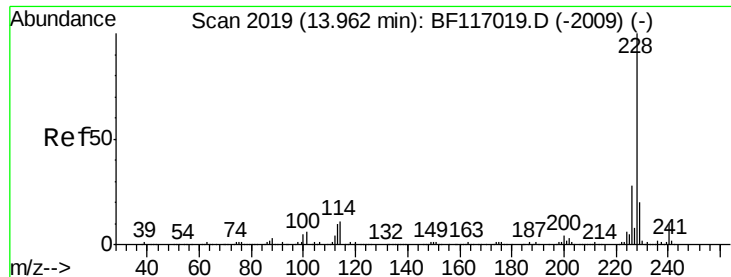
Abundance

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: 39.552 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.02 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Instrument :

BNA_F

ClientSampleId :

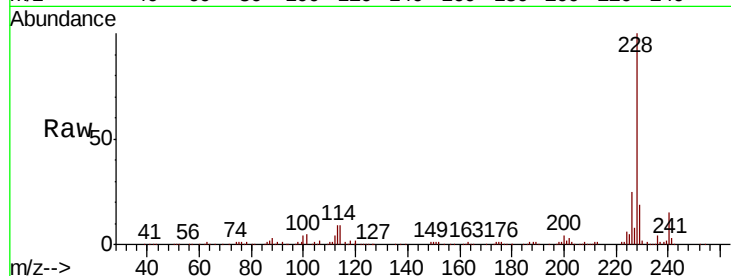
Tot Ion:228 Resp: 201122

Ion Ratio Lower Upper

228 100

226 25.5 22.3 33.5

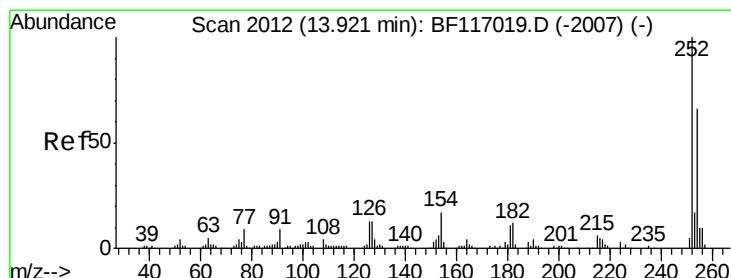
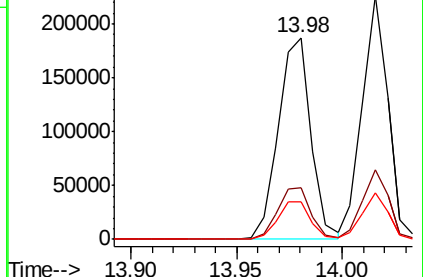
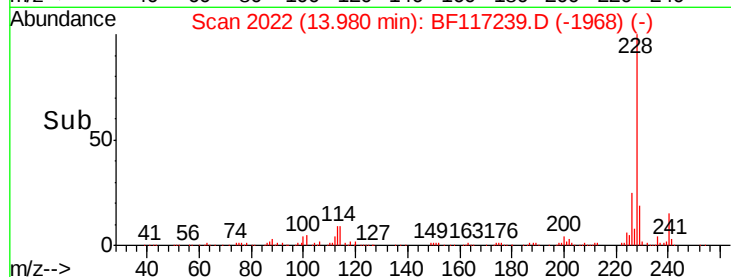
229 18.7 15.9 23.9



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: 27.688 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.01 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

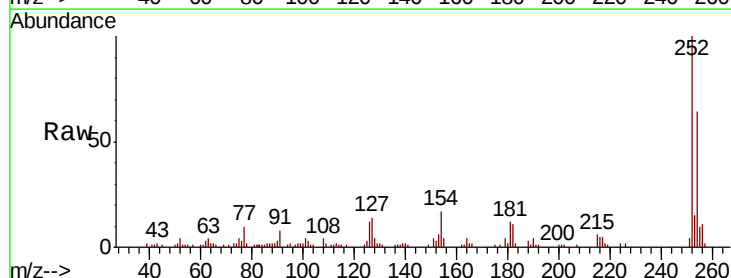
Tgt Ion:252 Resp: 45370

Ion Ratio Lower Upper

252 100

254 64.3 52.6 79.0

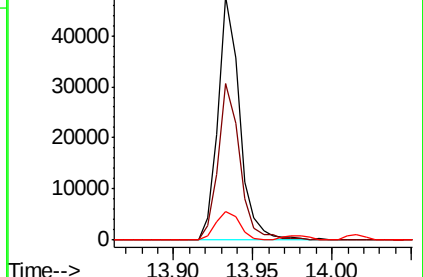
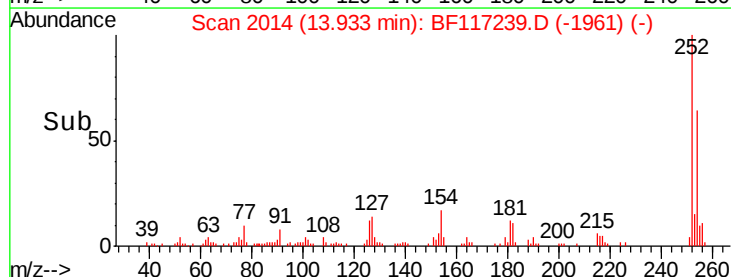
126 12.0 10.4 15.6

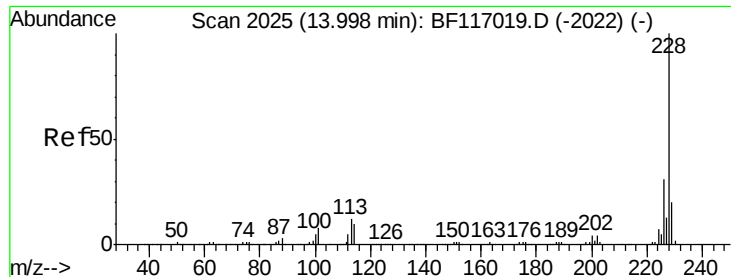


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

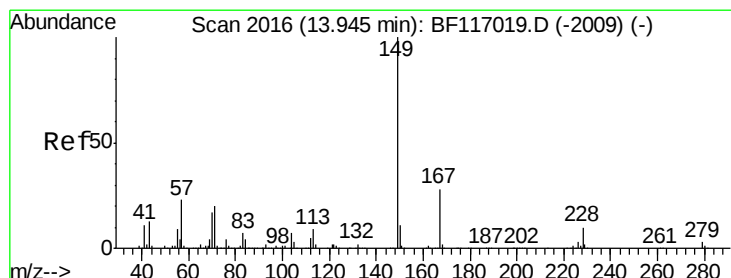
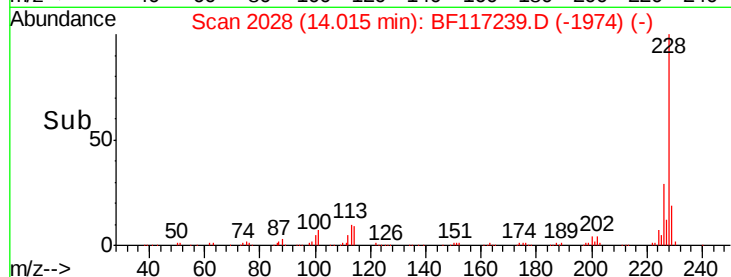
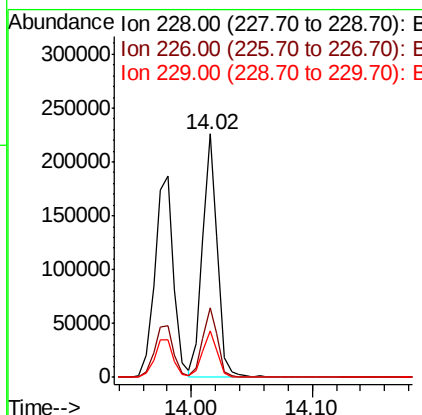
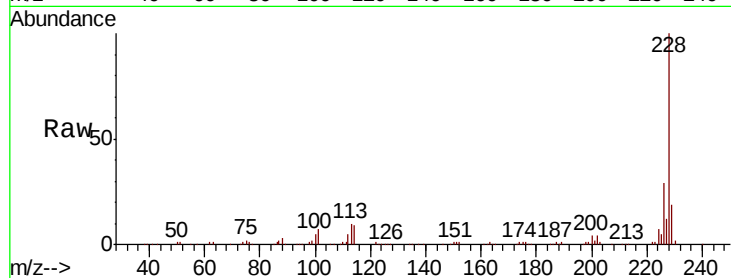




#83
 Chrvsene
 Concen: 39.269 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

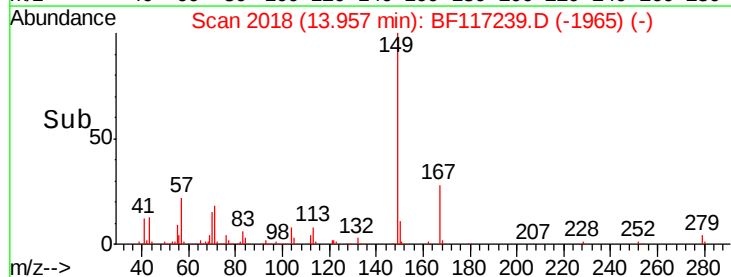
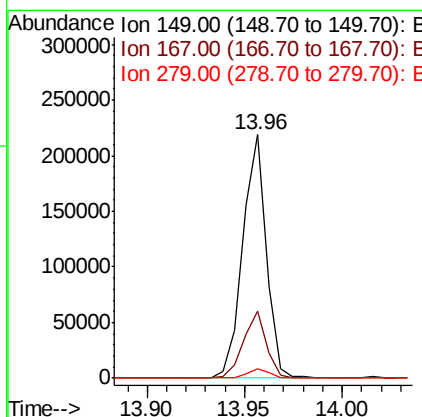
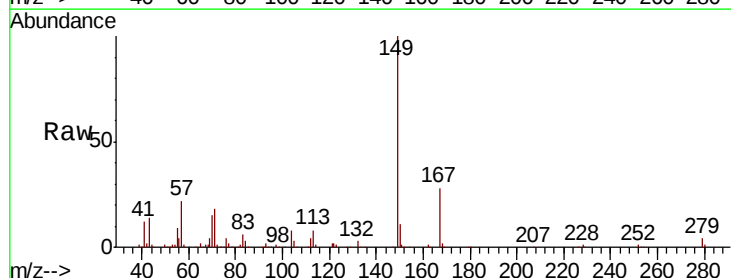
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.8	37.2
229	19.3	15.8	23.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.063 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF117239.D
 Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.2	33.2
279	3.7	2.8	4.2

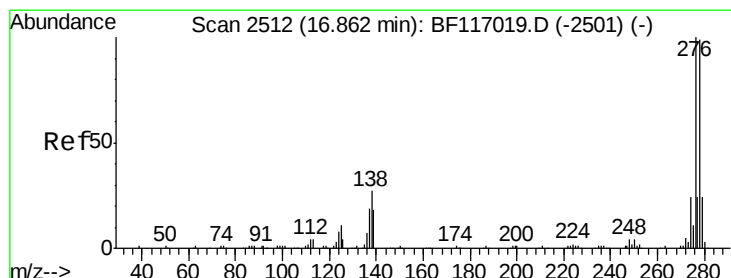
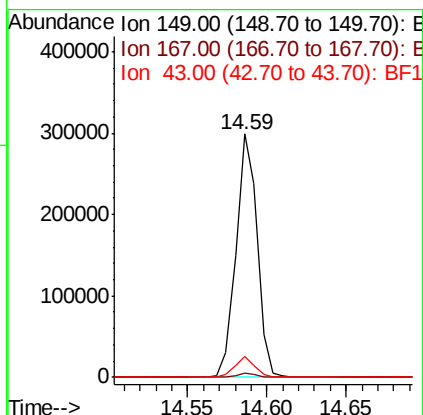
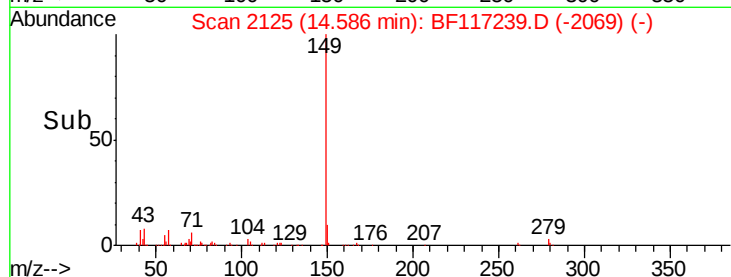
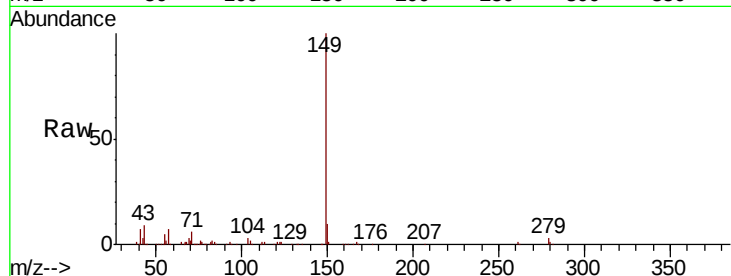




#85
Di-n-octyl phthalate
Concen: 45.150 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.03 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

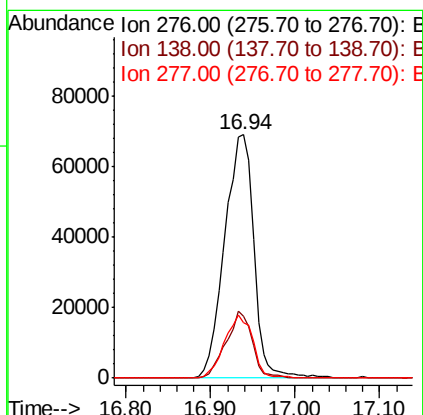
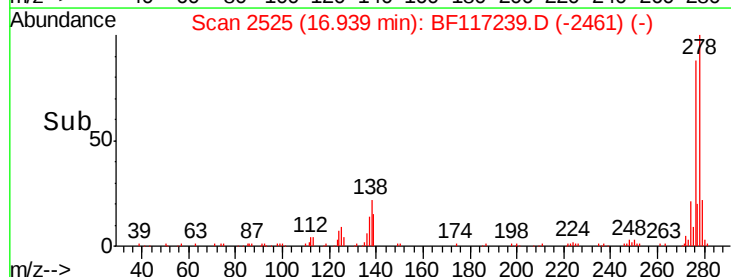
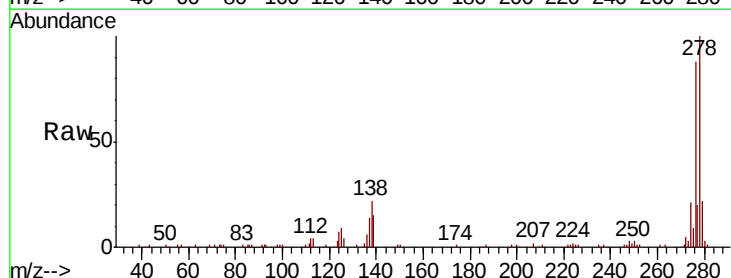
Instrument :
BNA_F
ClientSampleId :

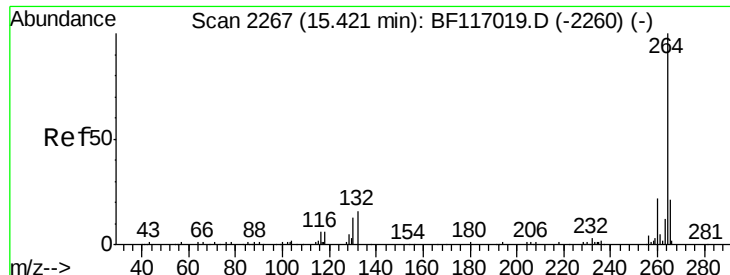
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	7.7	6.2	9.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.568 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.08 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.7	31.1
277	25.0	19.8	29.8



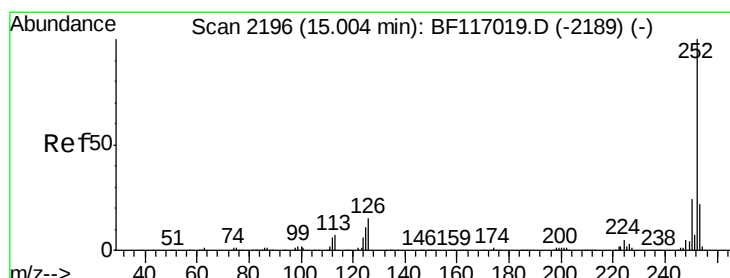
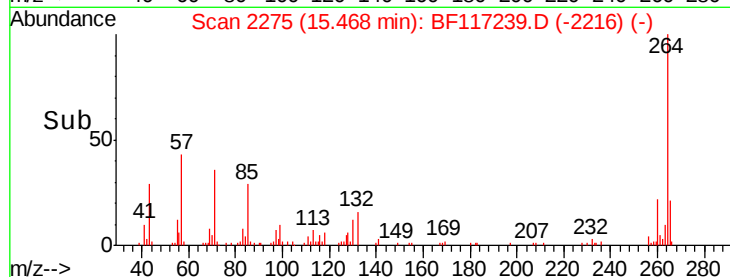
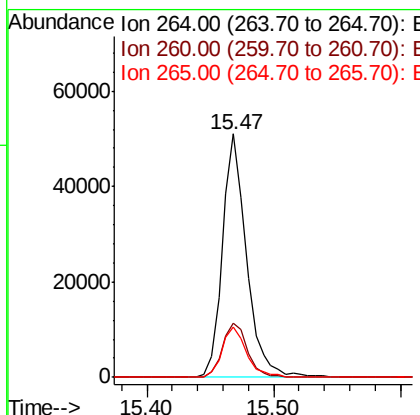
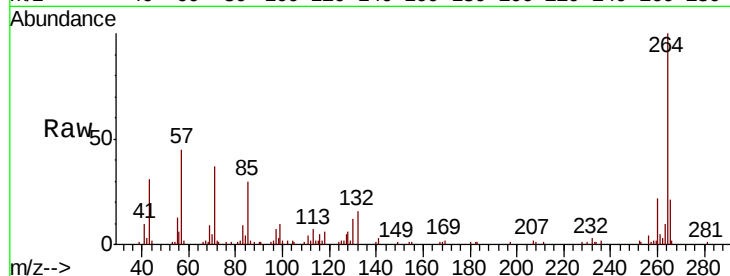


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.05 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 67110

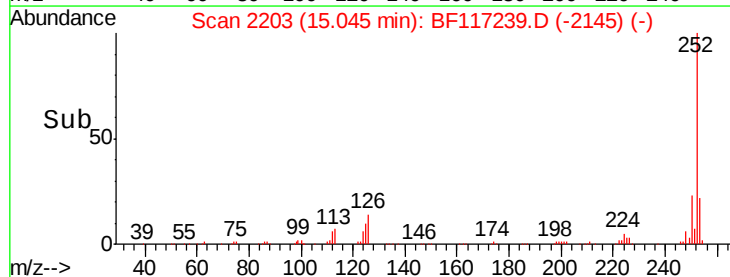
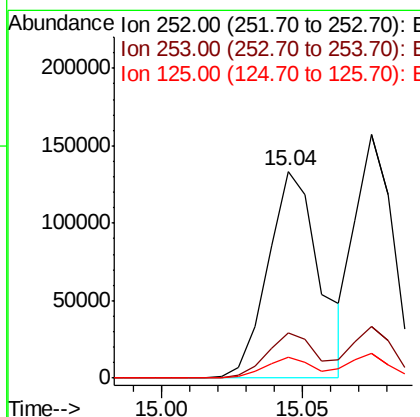
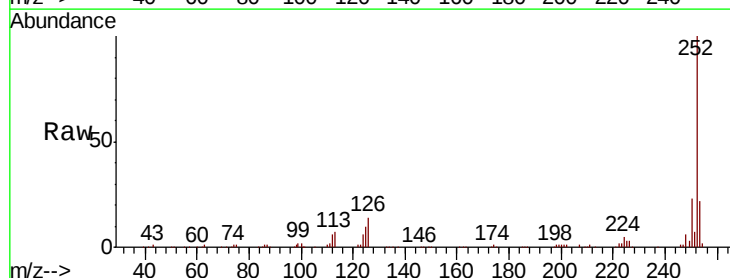
Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.6	26.4
265	20.5	16.6	24.8



#88
Benzo(b)fluoranthene
Concen: 41.825 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.04 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:252 Resp: 170024

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.8	8.6	12.8

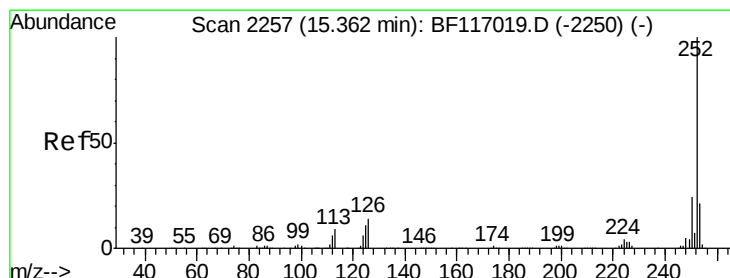
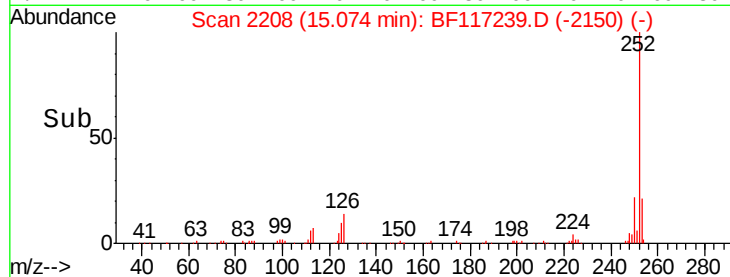
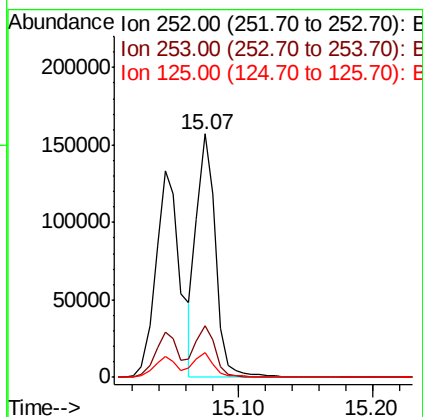
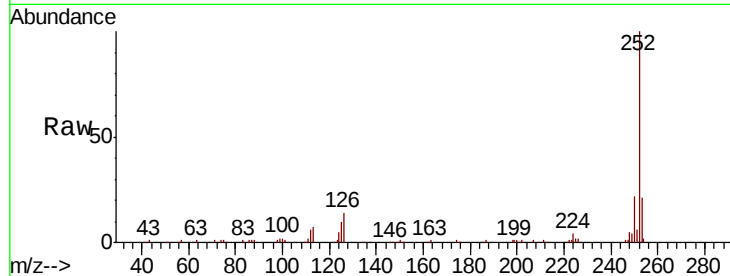




#89
Benzo(k)fluoranthene
Concen: 39.574 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.04 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

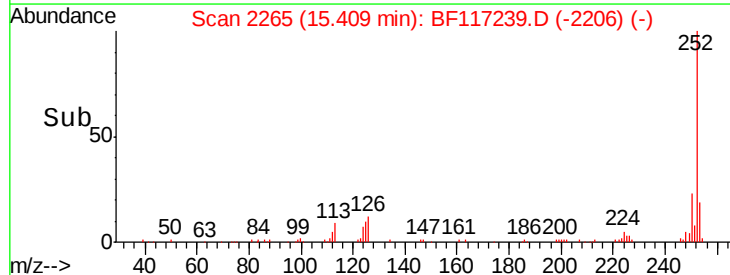
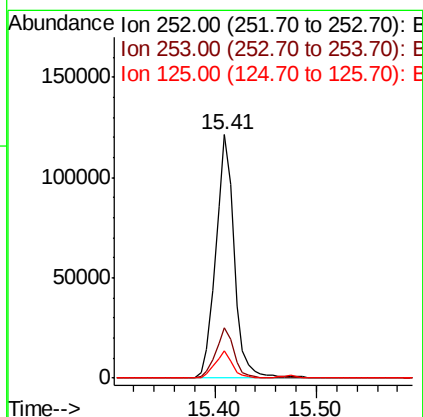
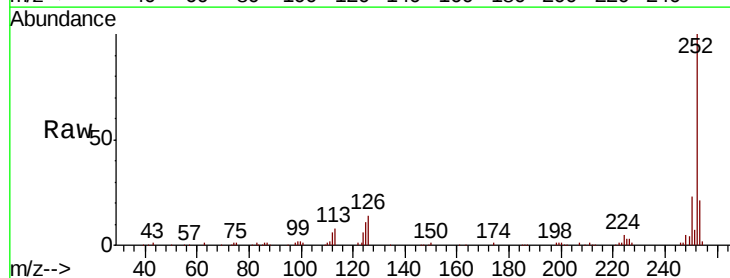
Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 152391
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 9.9 8.8 13.2



#90
Benzo(a)pyrene
Concen: 42.985 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.05 min
Lab File: BF117239.D
Acq: 25 Sep 2019 14:51

Tgt Ion:252 Resp: 153336
Ion Ratio Lower Upper
252 100
253 20.8 16.6 25.0
125 11.0 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 49.972 ng

RT: 16.94 min Scan# 2525

Delta R.T. 0.07 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

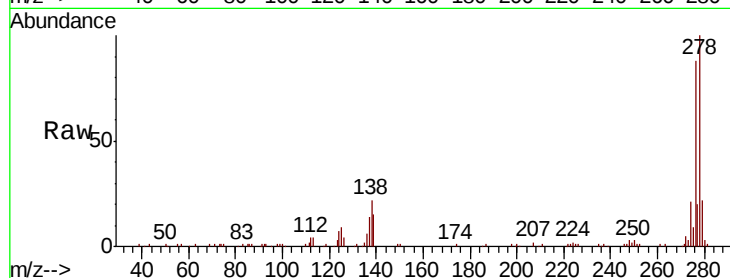
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 142007

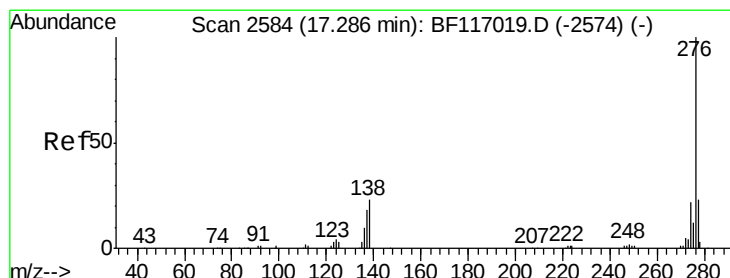
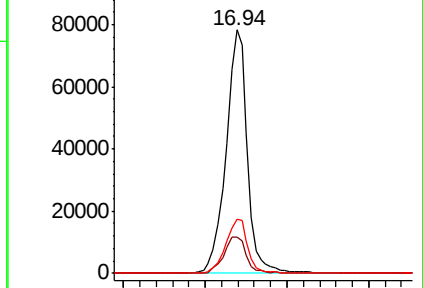
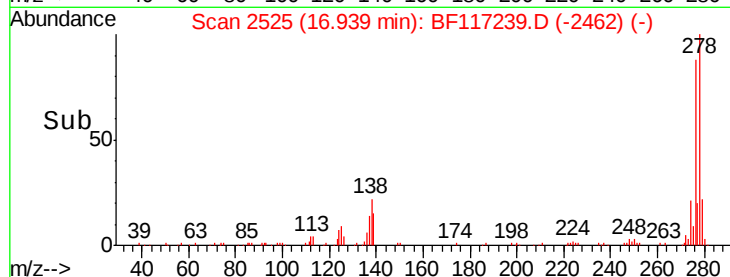
Ion	Ratio	Lower	Upper
278	100		
139	14.9	13.5	20.3
279	22.0	18.8	28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.521 ng

RT: 17.37 min Scan# 2599

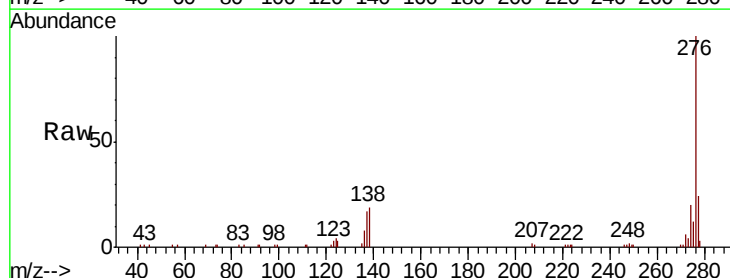
Delta R.T. 0.09 min

Lab File: BF117239.D

Acq: 25 Sep 2019 14:51

Tgt Ion:276 Resp: 134568

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	18.7	18.0	27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

