

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
 Data File : BF115993.D
 Acq On : 5 Aug 2019 21:21
 Operator : HP/JU
 Sample : K4093-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

Quant Time: Aug 06 01:38:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140235	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	543325	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	292127	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	514921	20.00	ng	-0.02
76) Chrysene-d12	14.01	240	372522	20.00	ng	-0.02
87) Perylene-d12	15.47	264	339449	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1017002	121.41	ng	0.02
7) Phenol-d6	6.49	99	1236976	117.04	ng	0.00
23) Nitrobenzene-d5	7.41	82	923594	98.12	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	396992	140.17	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	1609393	103.19	ng	-0.02
79) Terphenyl-d14	12.95	244	1853595	104.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	141556	33.449	ng	# 85
3) Pyridine	3.53	79	285994	24.192	ng	99
4) n-Nitrosodimethylamine	3.45	42	175044	37.521	ng	99
6) Aniline	6.52	93	104210	6.885	ng	# 76
8) 2-Chlorophenol	6.64	128	381152	41.147	ng	97
9) Benzaldehyde	6.40	77	178326	24.454	ng	97
10) Phenol	6.50	94	422016	33.908	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	396256	43.305	ng	99
12) 1,3-Dichlorobenzene	6.79	146	417369	38.987	ng	97
13) 1,4-Dichlorobenzene	6.86	146	420820	39.259	ng	99
14) 1,2-Dichlorobenzene	7.02	146	388106	39.322	ng	99
15) Benzyl Alcohol	6.99	79	336858	41.998	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	499662	40.033	ng	93
17) 2-Methylphenol	7.10	107	322792	41.154	ng	98
18) Hexachloroethane	7.36	117	153892	38.995	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	277782	42.414	ng	97
20) 3+4-Methylphenols	7.26	107	391456	42.174	ng	# 74
22) Acetophenone	7.25	105	543766	45.634	ng	98
24) Nitrobenzene	7.43	77	438155	43.111	ng	96
25) Isophorone	7.67	82	795967	44.224	ng	99
26) 2-Nitrophenol	7.75	139	214848	44.845	ng	96
27) 2,4-Dimethylphenol	7.78	122	341533	47.384	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	488591	43.798	ng	99
29) 2,4-Dichlorophenol	7.99	162	343221	45.099	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	365349	42.114	ng	100
31) Naphthalene	8.15	128	1149570	44.962	ng	100
32) Benzoic acid	7.92	122	180204	35.461	ng	98
33) 4-Chloroaniline	8.20	127	69275	6.064	ng	98
34) Hexachlorobutadiene	8.26	225	208731	41.772	ng	99
35) Caprolactam	8.57	113	44392	18.035	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	356971	45.088	ng	98
37) 2-Methylnaphthalene	8.84	142	776325	46.104	ng	99
38) 1-Methylnaphthalene	8.94	142	724703	45.493	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	351318	44.985	ng	99

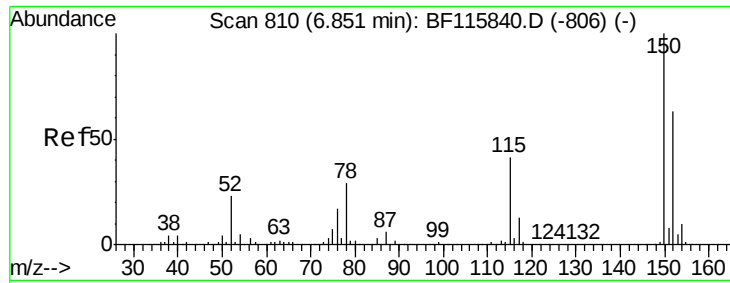
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	213571	62.328	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	232560	43.263	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	252918	45.516	ng	99
46) 1,1'-Biphenyl	9.30	154	944107	45.777	ng	99
47) 2-Chloronaphthalene	9.33	162	735512	42.849	ng	99
48) 2-Nitroaniline	9.42	65	235463	41.500	ng	89
49) Acenaphthylene	9.75	152	1137978	45.442	ng	99
50) Dimethylphthalate	9.60	163	889796	44.735	ng	99
51) 2,6-Dinitrotoluene	9.66	165	195689	45.271	ng	# 86
52) Acenaphthene	9.92	154	682008	44.392	ng	98
53) 3-Nitroaniline	9.83	138	71361	13.361	ng	93
54) 2,4-Dinitrophenol	9.95	184	154684	71.300	ng	92
55) Dibenzofuran	10.09	168	1017837	45.557	ng	98
56) 4-Nitrophenol	10.01	139	279713	81.752	ng	100
57) 2,4-Dinitrotoluene	10.07	165	258399	44.899	ng	97
58) Fluorene	10.43	166	786973	45.782	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	212822	45.524	ng	99
60) Diethylphthalate	10.30	149	848367	45.684	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	394163	45.277	ng	99
62) 4-Nitroaniline	10.45	138	200240	36.277	ng	98
63) Azobenzene	10.58	77	872906	45.700	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	119023	43.618	ng	93
66) n-Nitrosodiphenylamine	10.54	169	708753	45.730	ng	99
67) 4-Bromophenyl-phenylether	10.91	248	243753	44.220	ng	92
68) Hexachlorobenzene	10.98	284	274835	43.118	ng	97
69) Atrazine	11.06	200	226605	44.443	ng	99
70) Pentachlorophenol	11.18	266	270489	87.408	ng	98
71) Phenanthrene	11.39	178	1198558	45.531	ng	100
72) Anthracene	11.45	178	1211332	45.469	ng	99
73) Carbazole	11.60	167	1101033	45.554	ng	99
74) Di-n-butylphthalate	11.92	149	1364495	48.394	ng	99
75) Fluoranthene	12.58	202	1261099	45.761	ng	99
77) Benzidine	12.70	184	26482	2.104	ng	99
78) Pyrene	12.81	202	1281006	45.618	ng	100
80) Butylbenzylphthalate	13.42	149	595498	50.132	ng	95
81) Benzo(a)anthracene	14.00	228	1056653	44.378	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	124861	15.094	ng	# 99
83) Chrysene	14.03	228	1025856	44.378	ng	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	837051	54.227	ng	98
85) Di-n-octyl phthalate	14.59	149	1291106	52.660	ng	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	966664	49.789	ng	99
88) Benzo(b)fluoranthene	15.04	252	899599	45.834	ng	98
89) Benzo(k)fluoranthene	15.07	252	848472	44.383	ng	97
90) Benzo(a)pyrene	15.41	252	814128	46.401	ng	100
91) Dibenzo(a,h)anthracene	16.94	278	804199	52.952	ng	98
92) Benzo(g,h,i)perylene	17.38	276	822144	55.120	ng	98

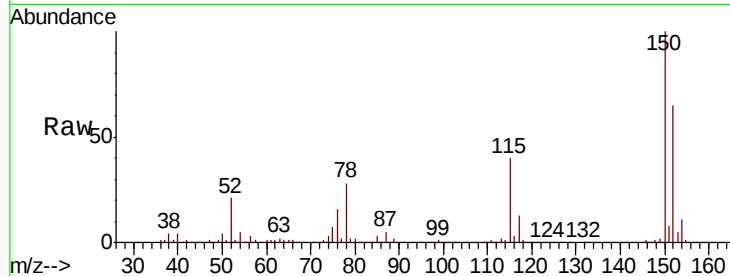
(#) = qualifier out of range (m) = manual integration (+) = signals summed



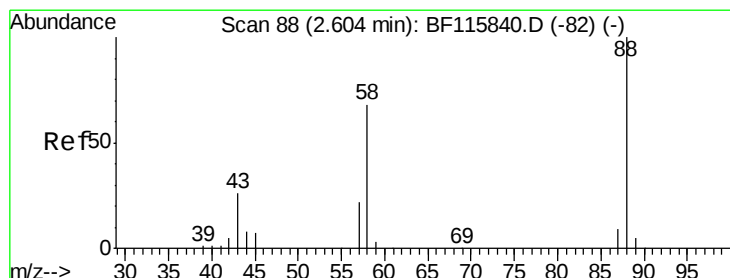
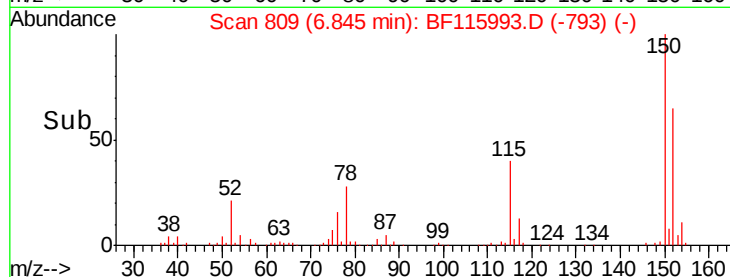
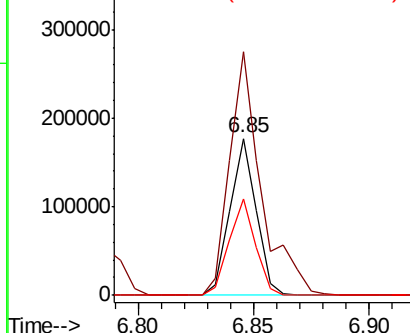
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

Tgt Ion: 152 Resp: 140235
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.4 191.0
 115 61.5 51.8 77.8

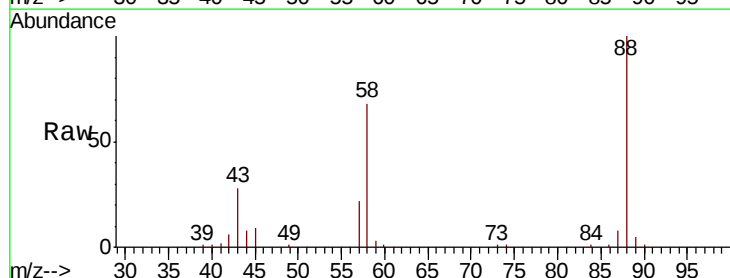


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

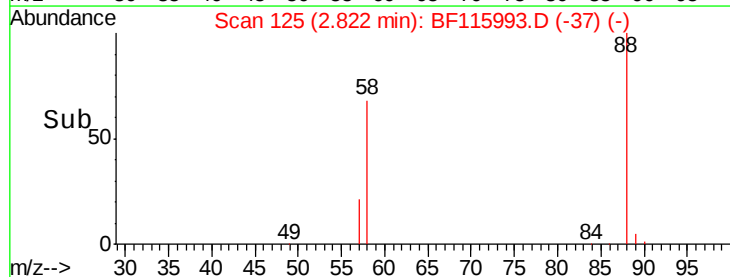
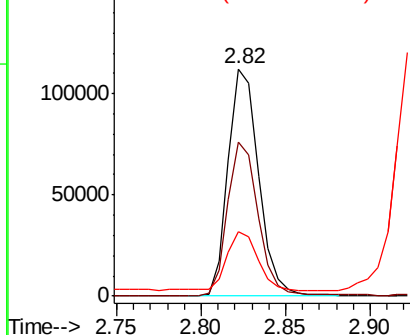


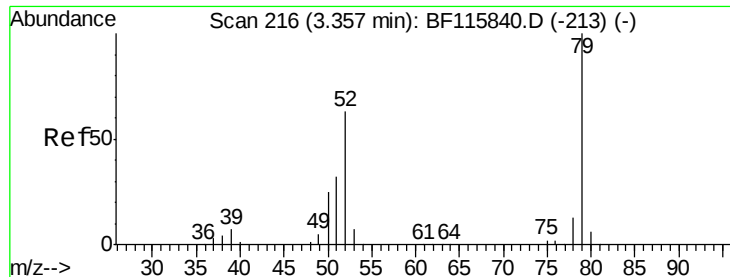
#2
 1,4-Dioxane
 Concen: 33.449 ng
 RT: 2.82 min Scan# 125
 Delta R.T. 0.22 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion: 88 Resp: 141556
 Ion Ratio Lower Upper
 88 100
 58 68.4 54.1 81.1
 43 0.0 20.7 31.1#



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

Pyridine

Concen: 24.192 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.17 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

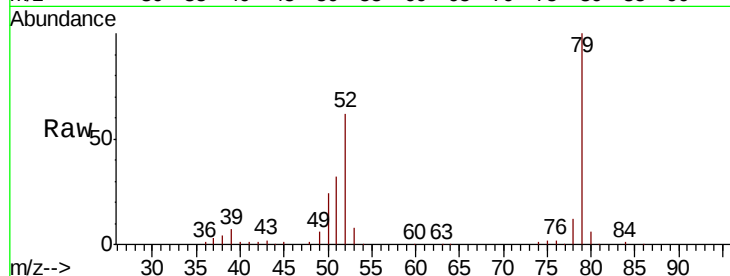
Tgt Ion: 79 Resp: 285994

Ion Ratio Lower Upper

79 100

52 61.9 50.2 75.4

51 32.4 25.8 38.6



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

150000

100000

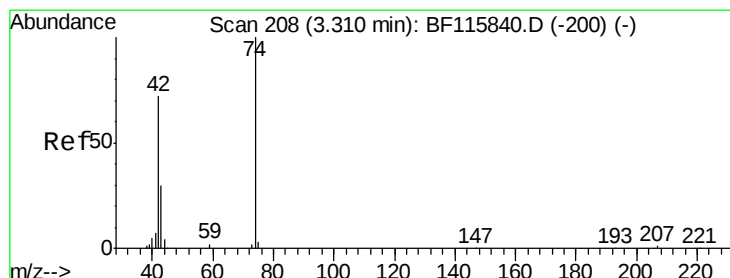
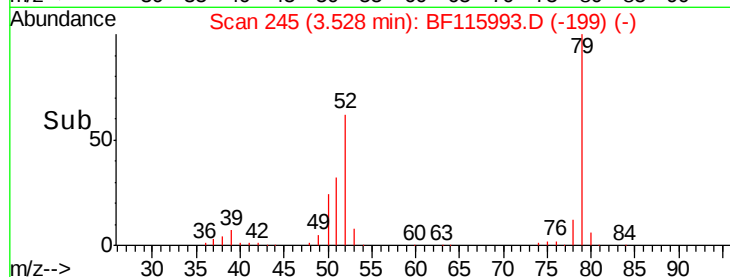
50000

0

3.53

3.50 3.60 3.70 3.80

Time-->



#4

n-Nitrosodimethylamine

Concen: 37.521 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.14 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

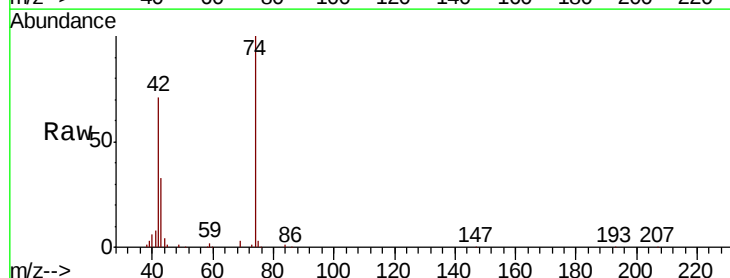
Tgt Ion: 42 Resp: 175044

Ion Ratio Lower Upper

42 100

74 140.5 111.0 166.4

44 6.1 4.7 7.1



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

150000

100000

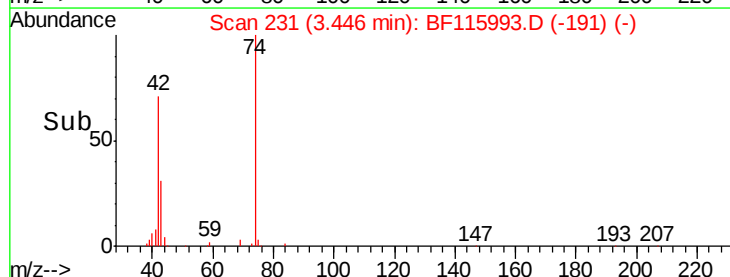
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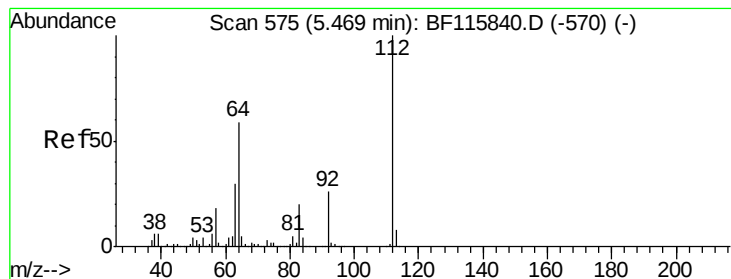
0

3.45

3.40 3.50 3.60

Time-->





#5

2-Fluorophenol

Concen: 121.405 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

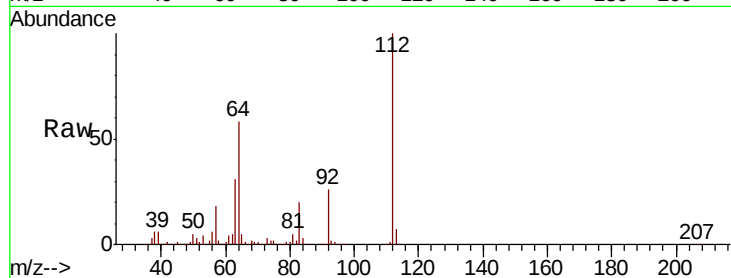
Tgt Ion:112 Resp: 1017002

Ion Ratio Lower Upper

112 100

64 58.5 46.8 70.2

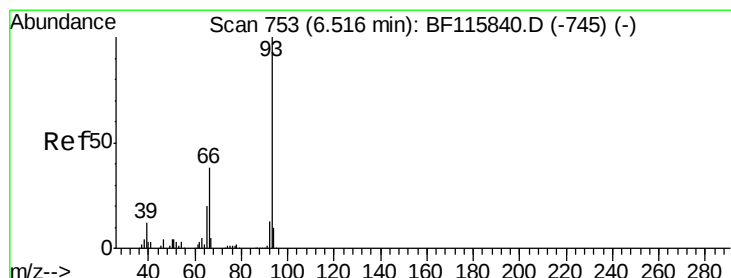
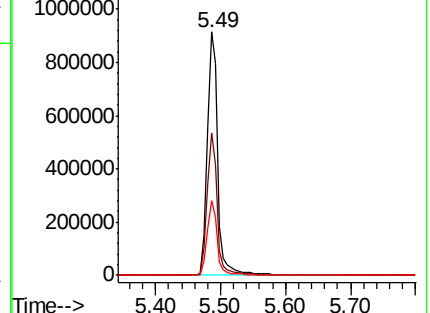
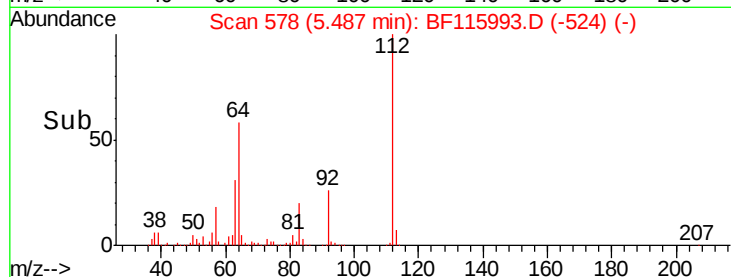
63 30.7 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 6.885 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

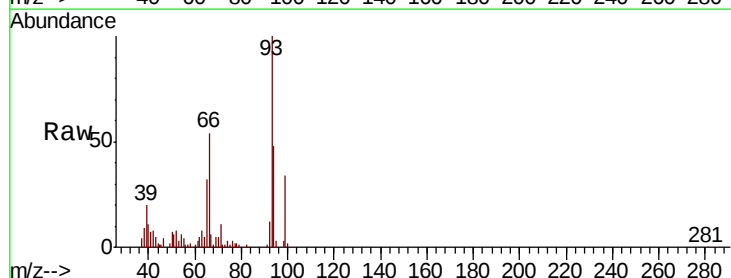
Tgt Ion: 93 Resp: 104210

Ion Ratio Lower Upper

93 100

66 53.8 31.4 47.0#

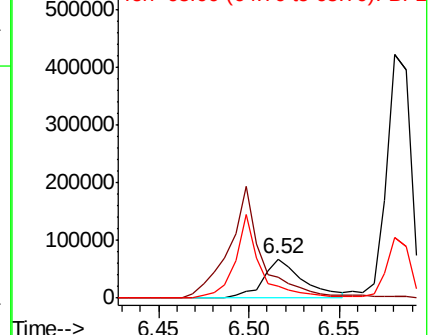
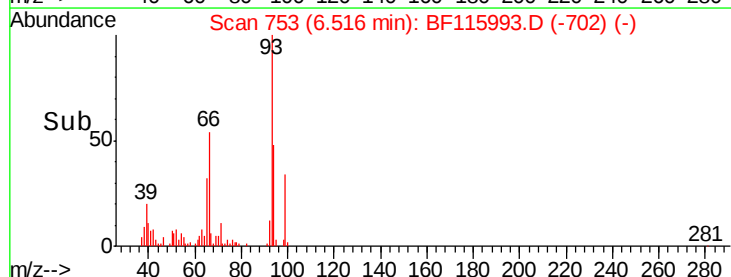
65 32.0 16.5 24.7#



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: 117.038 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

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ClientSampleId :

PL-02-080119MSD

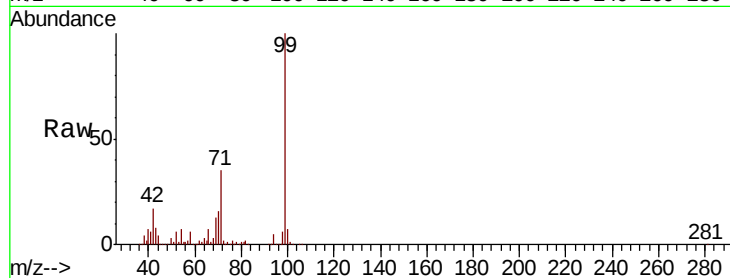
Tgt Ion: 99 Resp: 1236976

Ion Ratio Lower Upper

99 100

42 17.3 13.8 20.6

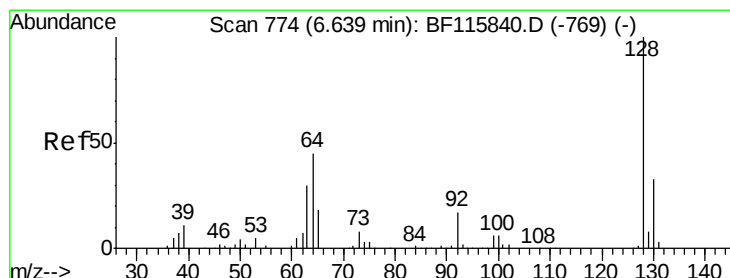
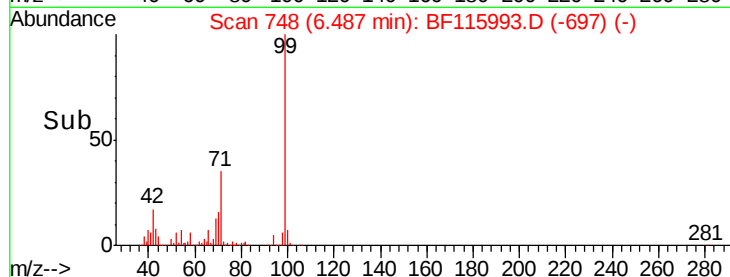
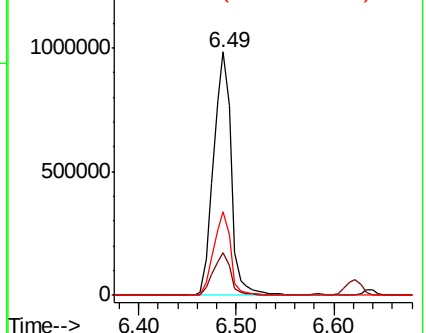
71 34.6 27.1 40.7



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.147 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

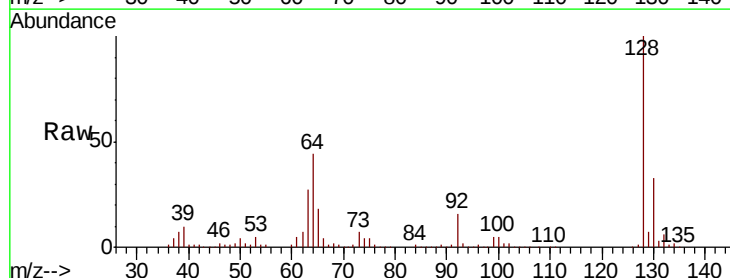
Tgt Ion: 128 Resp: 381152

Ion Ratio Lower Upper

128 100

130 33.3 12.9 52.9

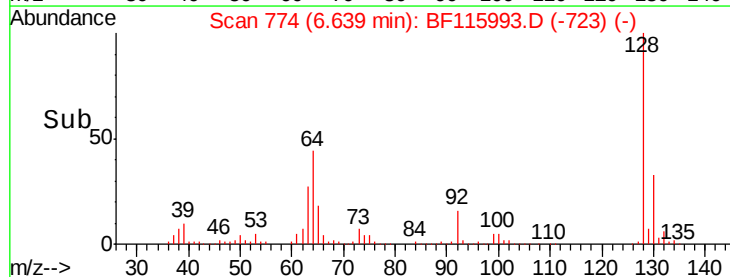
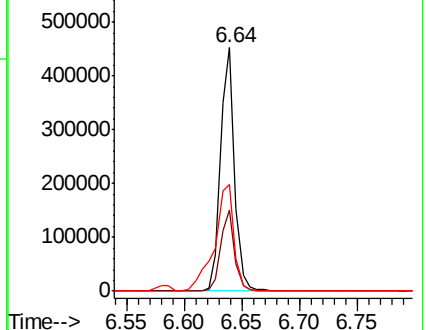
64 43.6 26.1 66.1



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: 24.454 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

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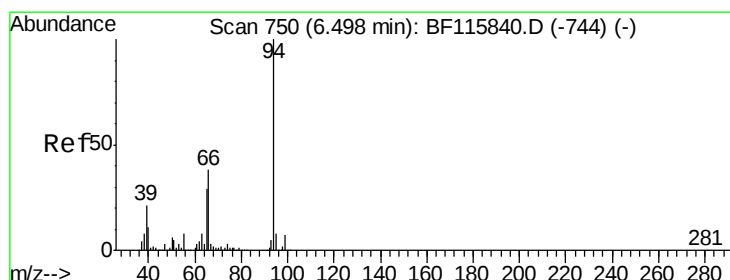
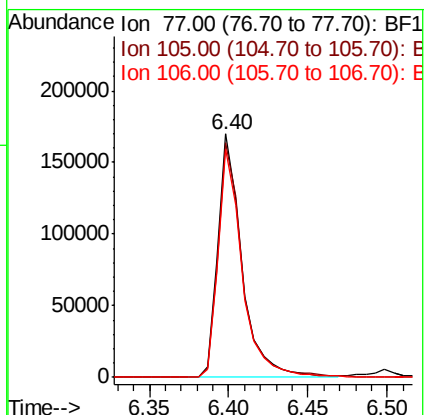
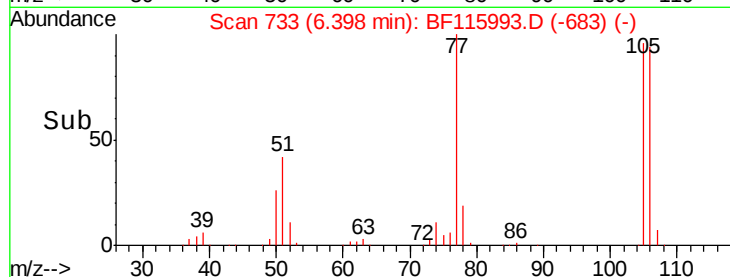
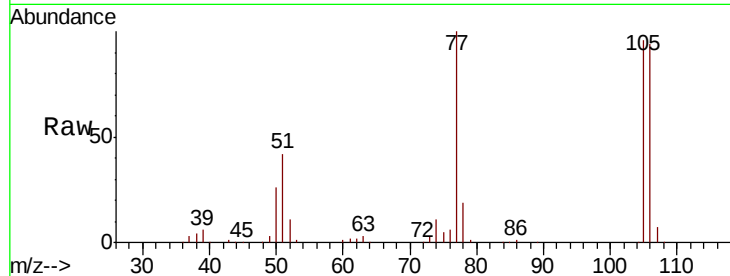
Tgt Ion: 77 Resp: 178326

Ion Ratio Lower Upper

77 100

105 96.4 79.0 119.0

106 93.6 76.2 116.2



#10

Phenol

Concen: 33.908 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

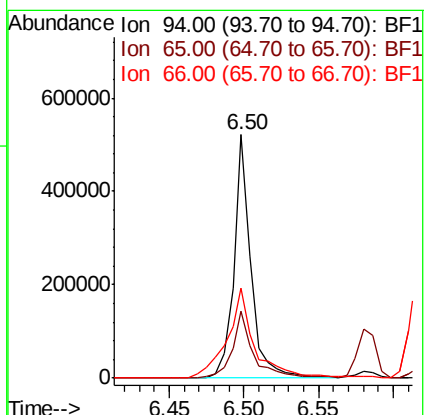
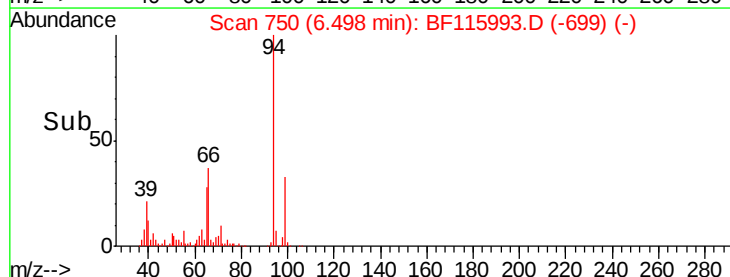
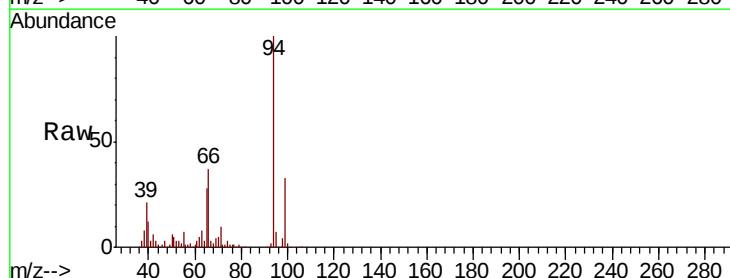
Tgt Ion: 94 Resp: 422016

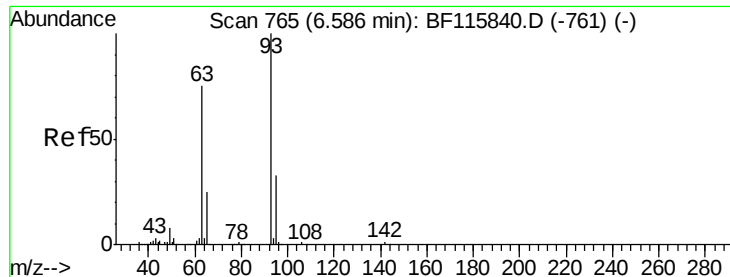
Ion Ratio Lower Upper

94 100

65 27.7 8.9 48.9

66 37.0 18.0 58.0

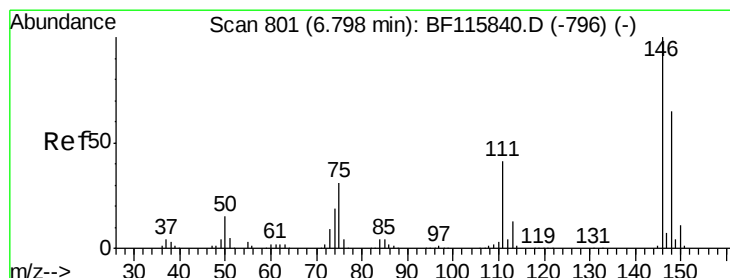
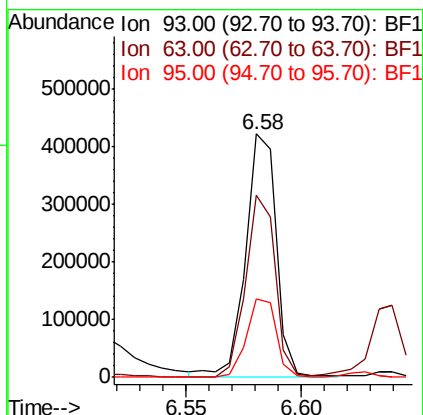
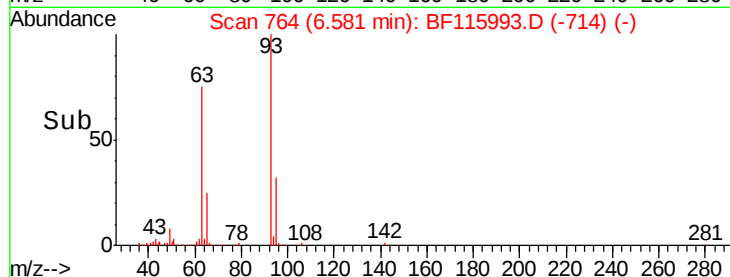
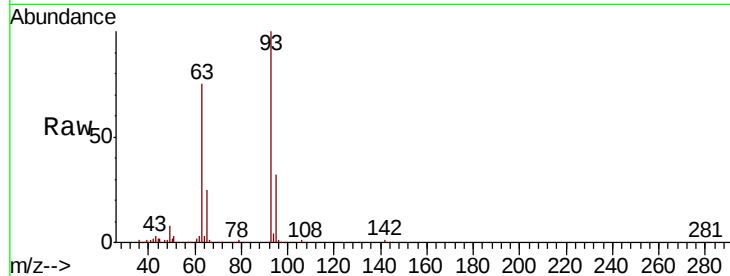




#11
bis(2-Chloroethyl)ether
Concen: 43.305 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

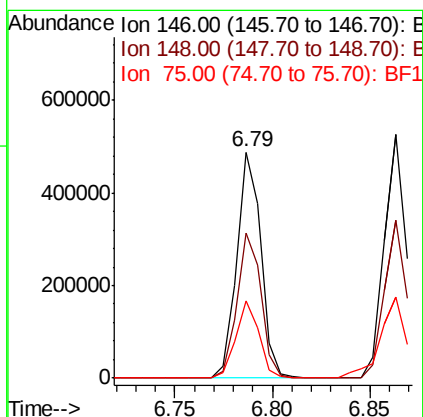
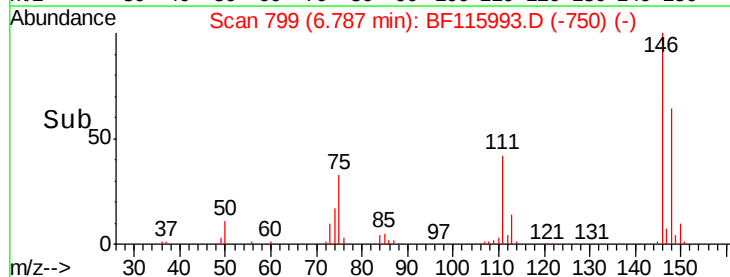
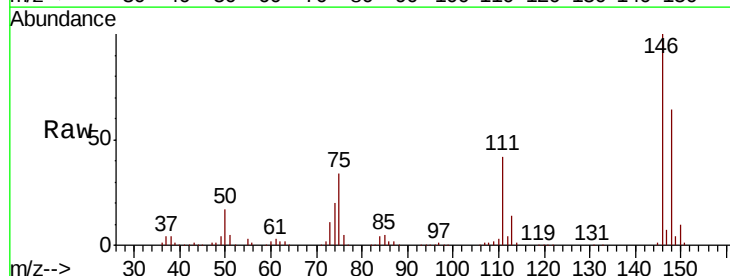
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

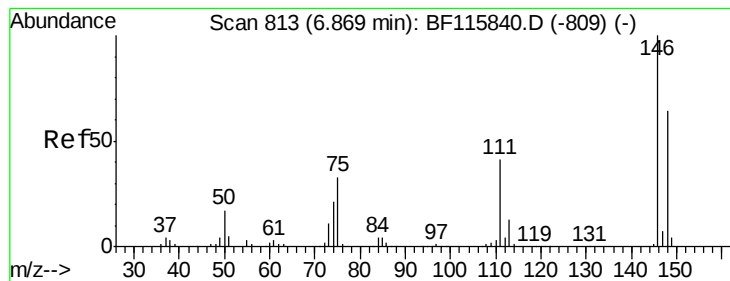
Tgt Ion: 93 Resp: 396256
Ion Ratio Lower Upper
93 100
63 75.0 54.9 94.9
95 32.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 38.987 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion: 146 Resp: 417369
Ion Ratio Lower Upper
146 100
148 64.0 52.1 78.1
75 34.0 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 39.259 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

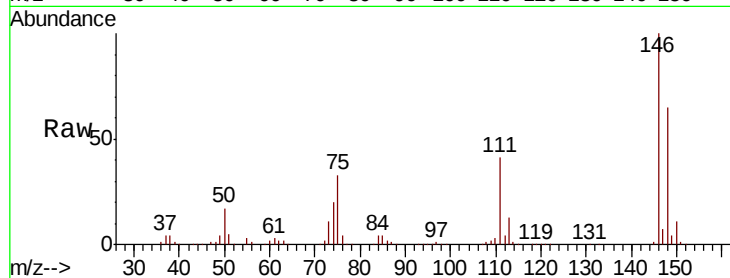
Tgt Ion:146 Resp: 420820

Ion Ratio Lower Upper

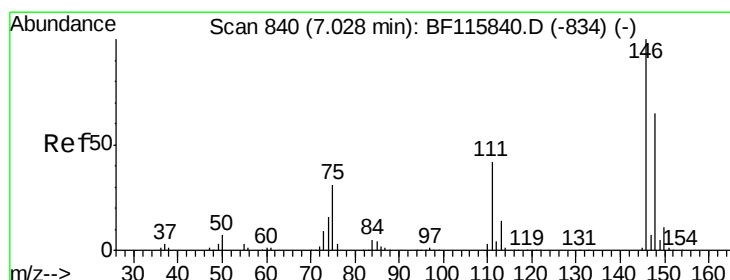
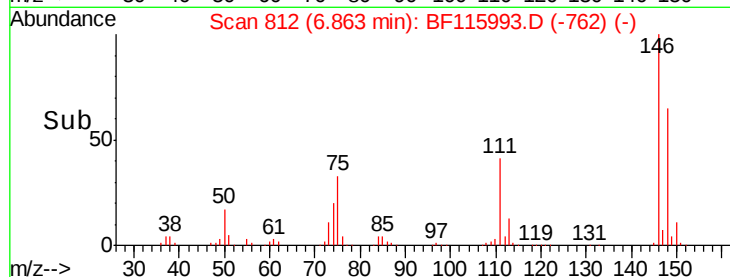
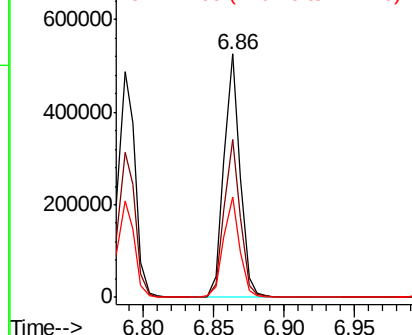
146 100

148 64.6 51.2 76.8

111 40.9 33.2 49.8



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: 39.322 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

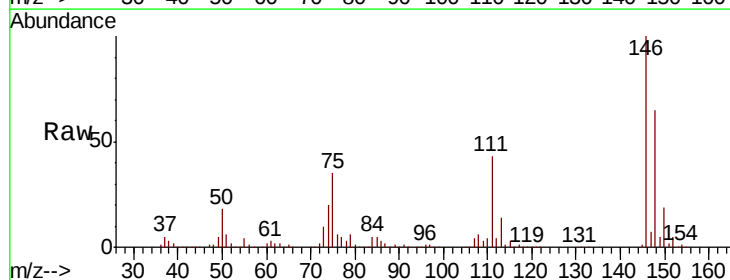
Tgt Ion:146 Resp: 388106

Ion Ratio Lower Upper

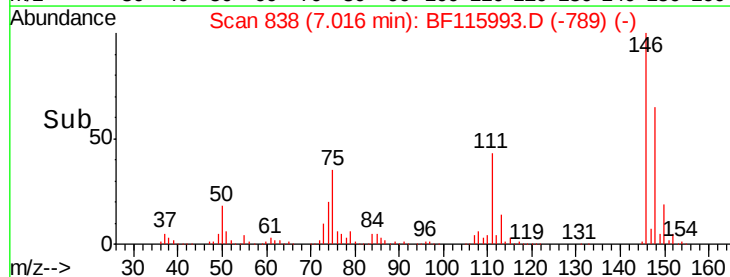
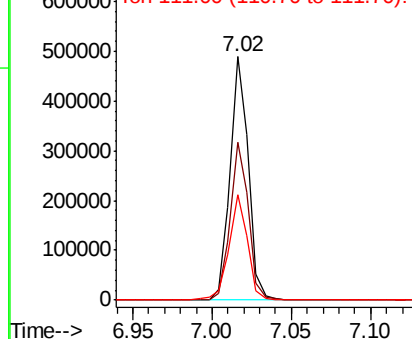
146 100

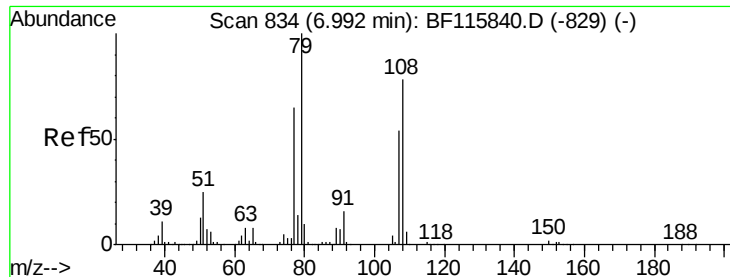
148 64.7 51.6 77.4

111 43.2 33.6 50.4



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: 41.998 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

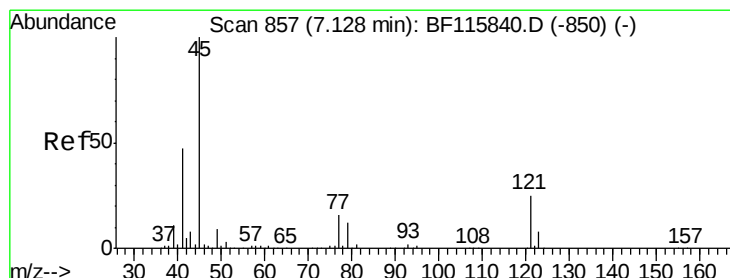
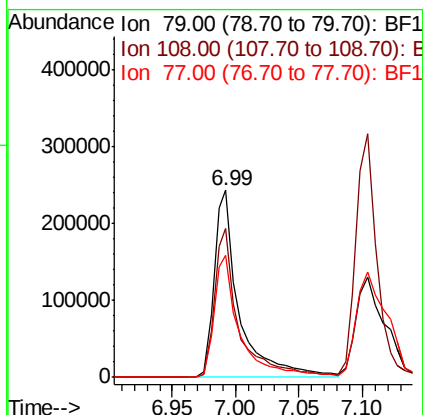
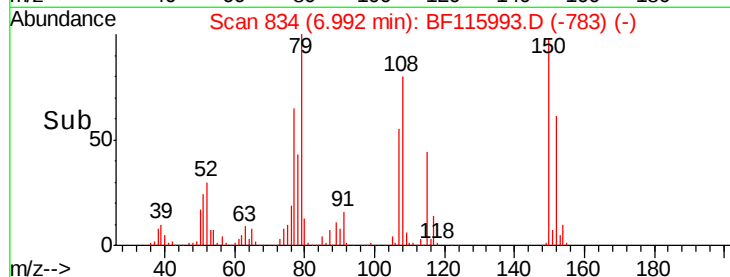
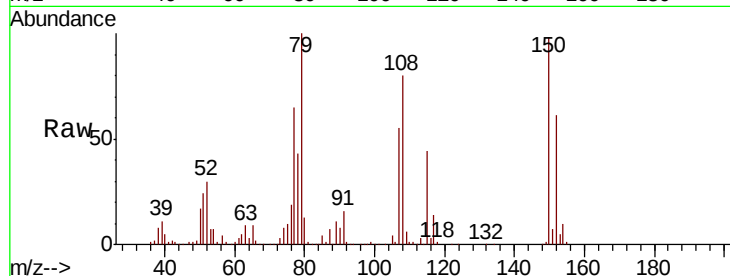
Tgt Ion: 79 Resp: 336858

Ion Ratio Lower Upper

79 100

108 79.9 62.8 94.2

77 65.3 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.033 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

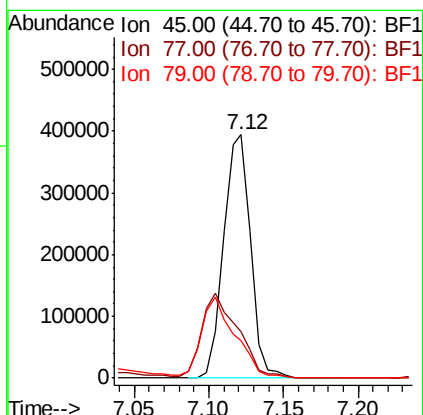
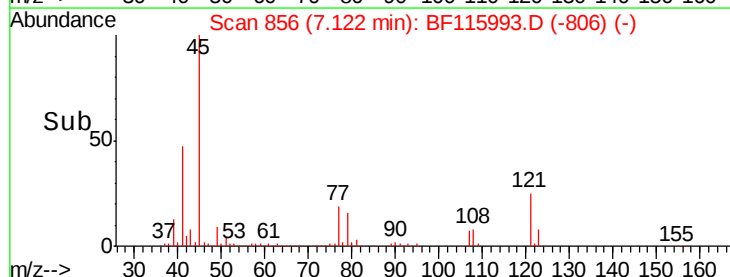
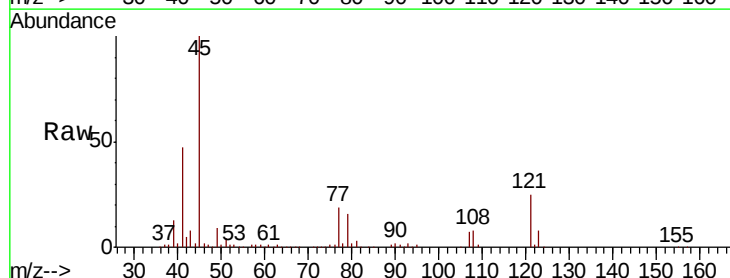
Tgt Ion: 45 Resp: 499662

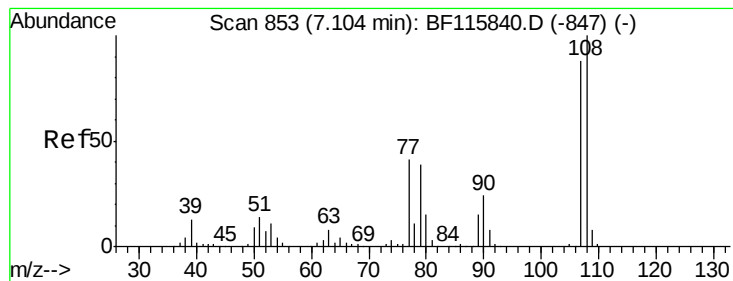
Ion Ratio Lower Upper

45 100

77 19.2 0.0 36.3

79 15.6 0.0 32.5

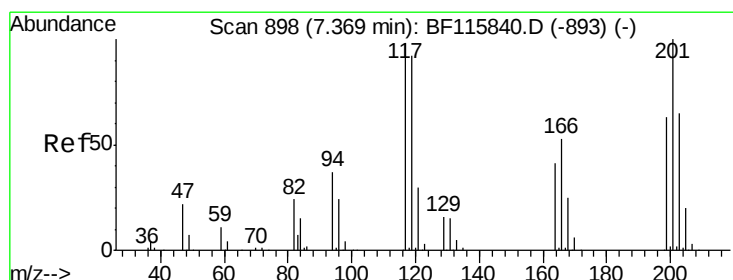
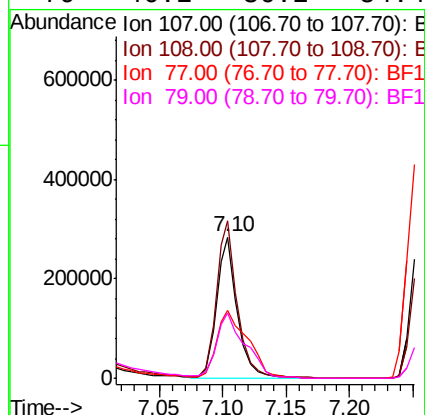
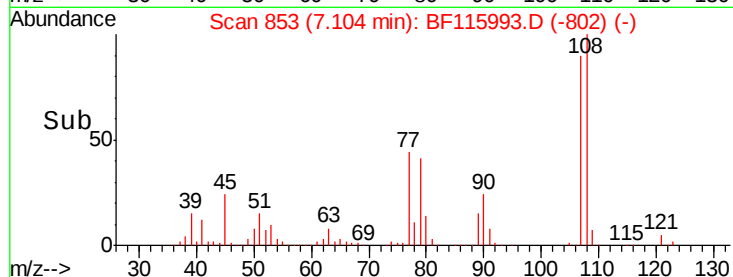
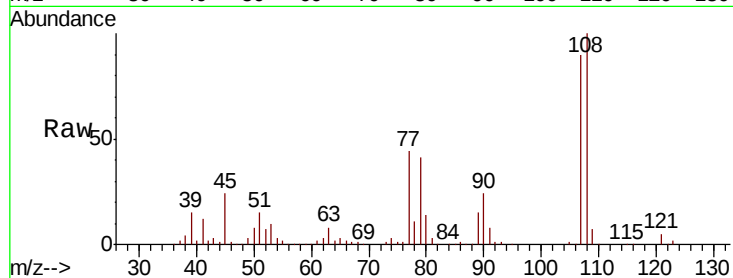




#17
2-Methylphenol
Concen: 41.154 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

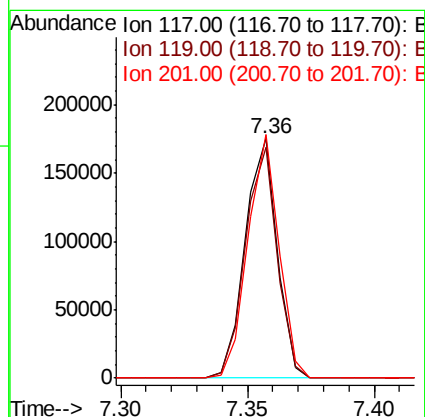
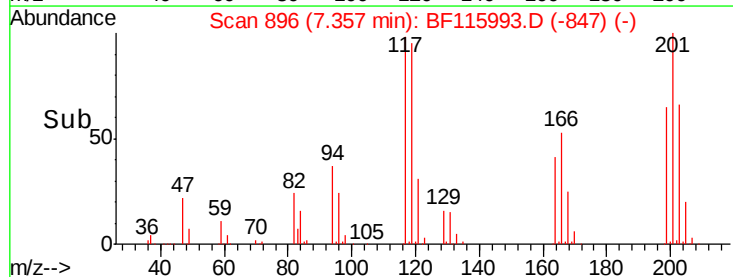
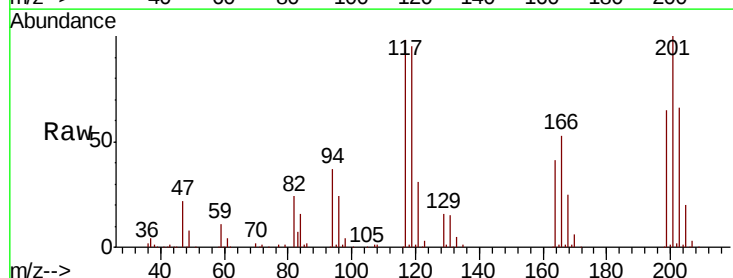
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion:107 Resp: 322792
Ion Ratio Lower Upper
107 100
108 111.7 91.4 137.0
77 48.6 37.6 56.4
79 46.2 36.2 54.4



#18
Hexachloroethane
Concen: 38.995 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:117 Resp: 153892
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.6
201 101.8 82.0 123.0

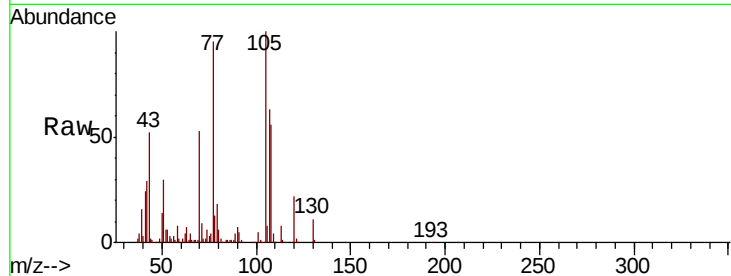




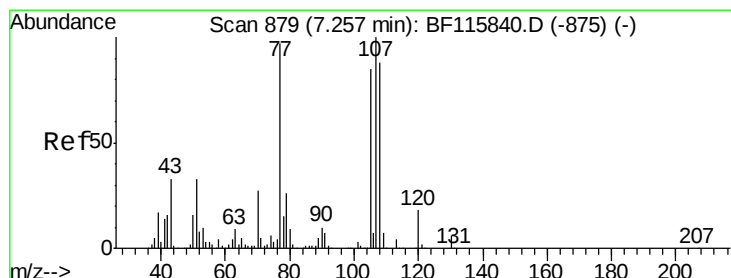
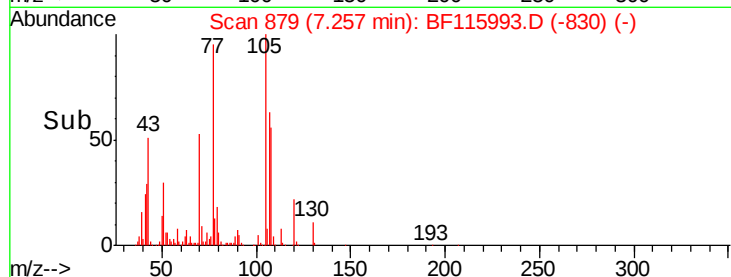
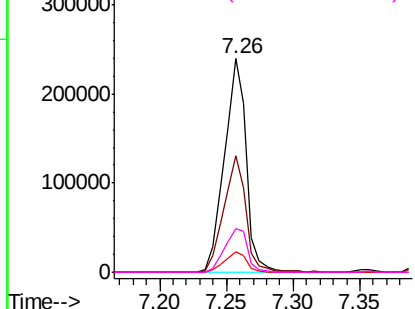
#19
n-Nitroso-di-n-propylamine
Concen: 42.414 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion: 70 Resp: 277782
Ion Ratio Lower Upper
70 100
42 54.5 41.8 62.8
101 9.5 7.7 11.5
130 20.3 17.8 26.6



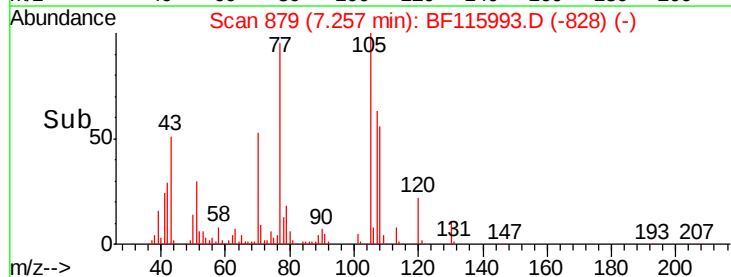
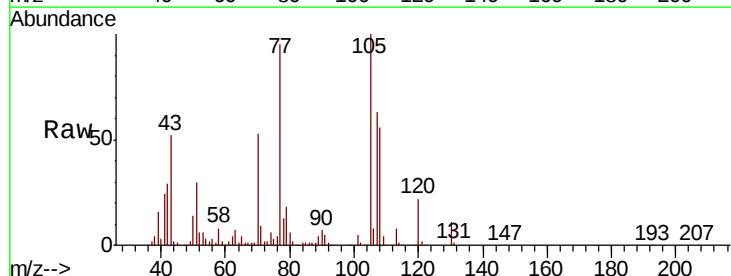
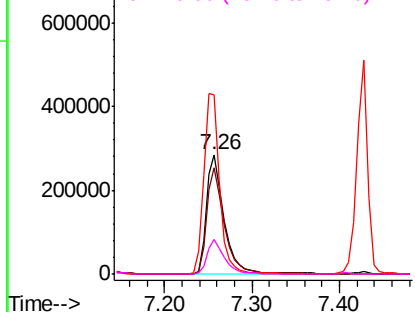
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 42.174 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:107 Resp: 391456
Ion Ratio Lower Upper
107 100
108 88.7 67.9 107.9
77 150.4 77.3 117.3#
79 28.6 6.6 46.6

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

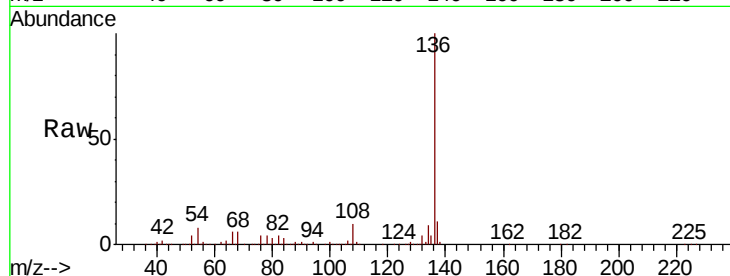




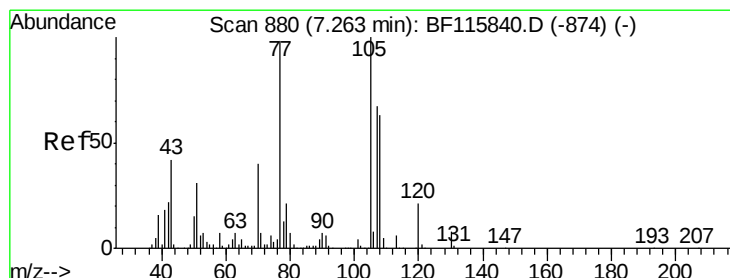
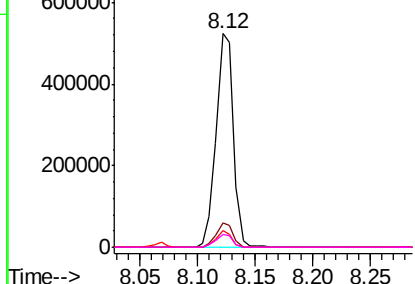
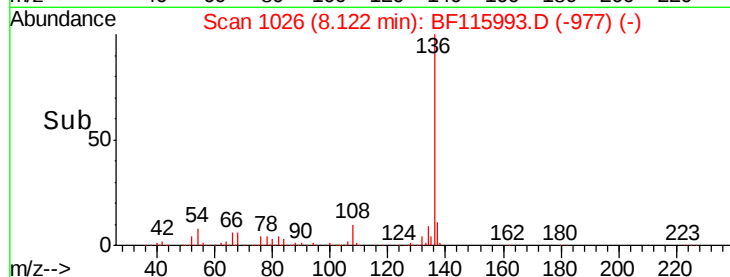
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion:	136	Resp:	543325
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.6	6.1	9.1
68	6.2	5.4	8.2

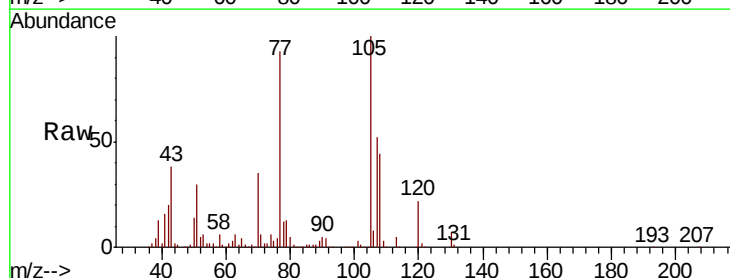


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

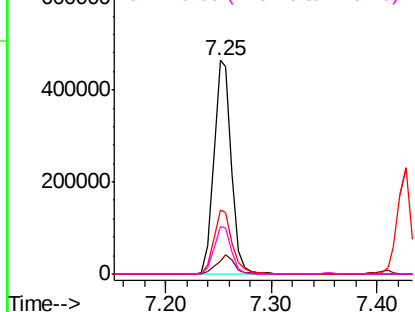
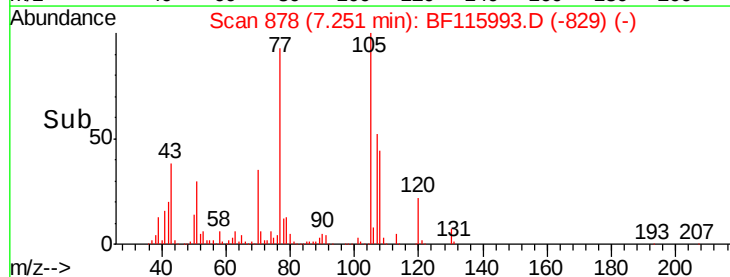


#22
Acetophenone
Concen: 45.634 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:	105	Resp:	543766
Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.4	8.0
51	29.9	24.6	36.8
120	22.1	17.0	25.6



Abundance Ion 105.00 (104.70 to 105.70): E
600000
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

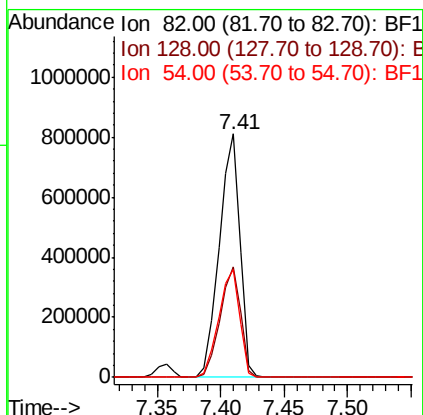
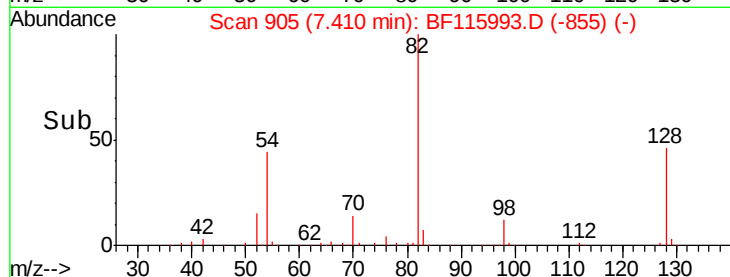
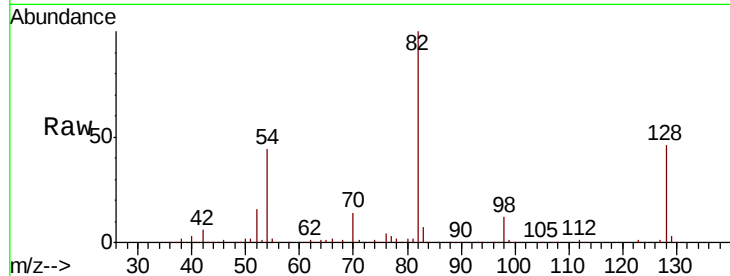




#23
 Nitrobenzene-d5
 Concen: 98.123 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

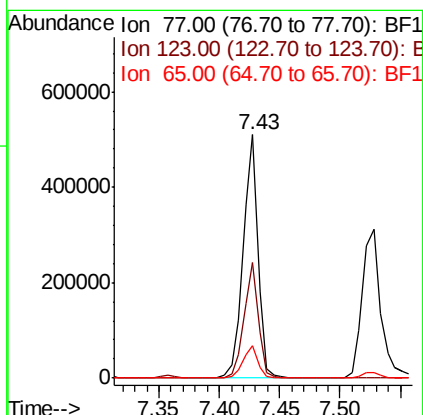
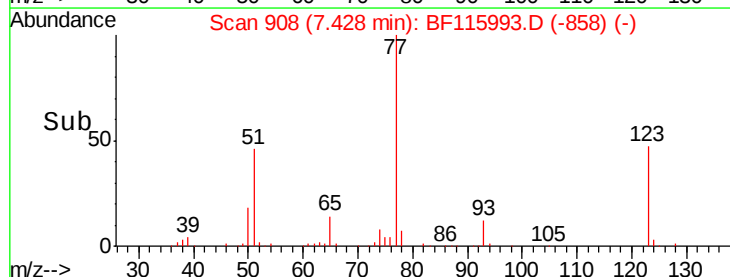
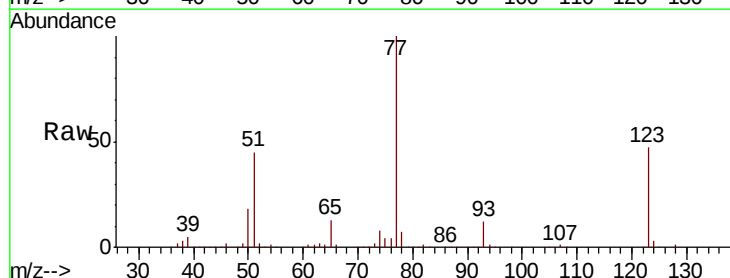
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

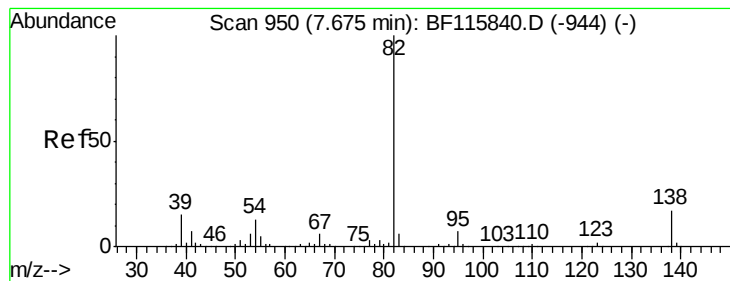
Tgt Ion: 82 Resp: 923594
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.6 55.0
 54 44.5 36.6 55.0



#24
 Nitrobenzene
 Concen: 43.111 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion: 77 Resp: 438155
 Ion Ratio Lower Upper
 77 100
 123 47.2 35.5 53.3
 65 13.5 10.6 15.8





#25

Isophorone

Concen: 44.224 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

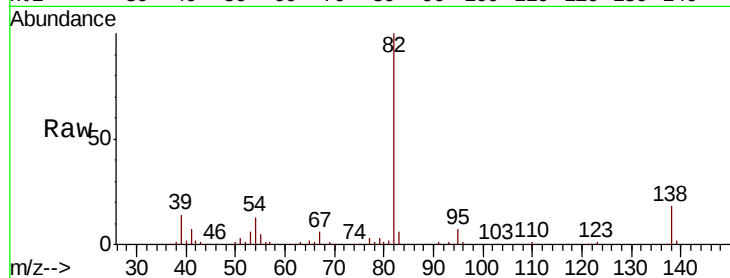
Tgt Ion: 82 Resp: 795967

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

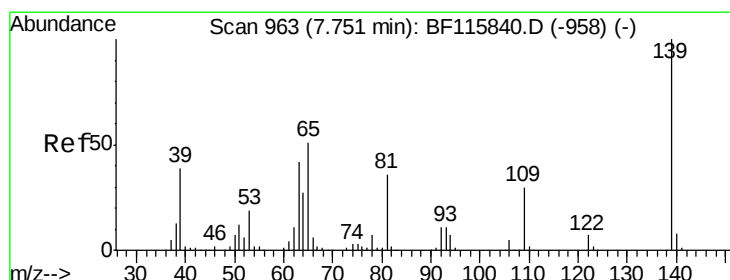
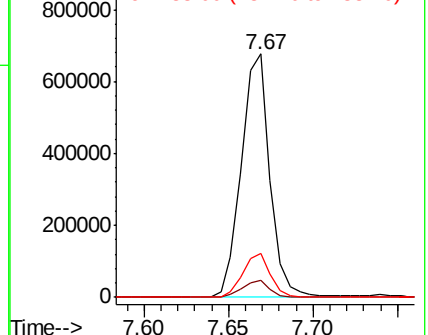
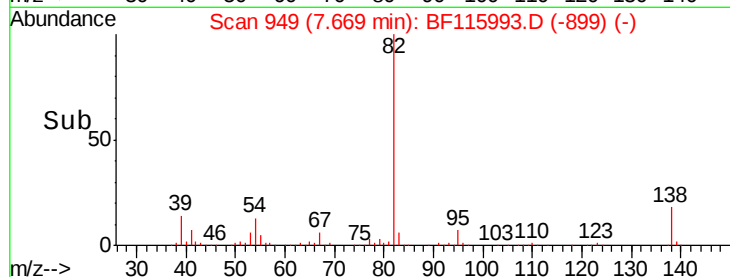
138 18.2 13.9 20.9



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 44.845 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

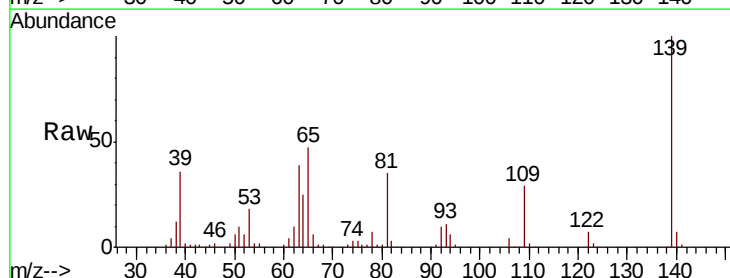
Tgt Ion: 139 Resp: 214848

Ion Ratio Lower Upper

139 100

109 28.7 23.6 35.4

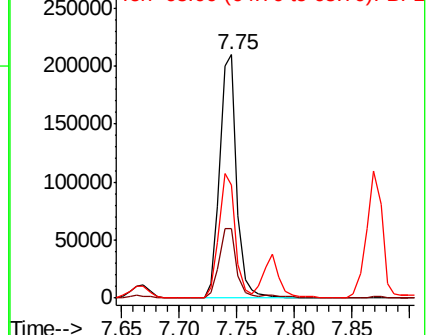
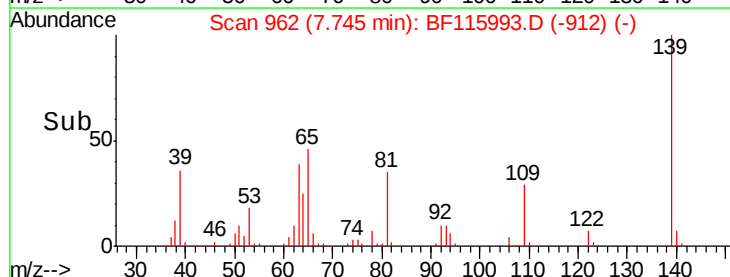
65 46.7 40.6 60.8

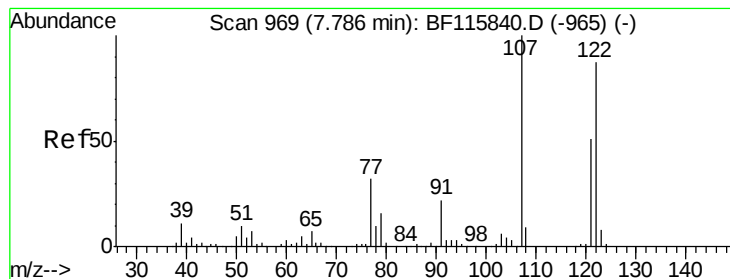


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.384 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

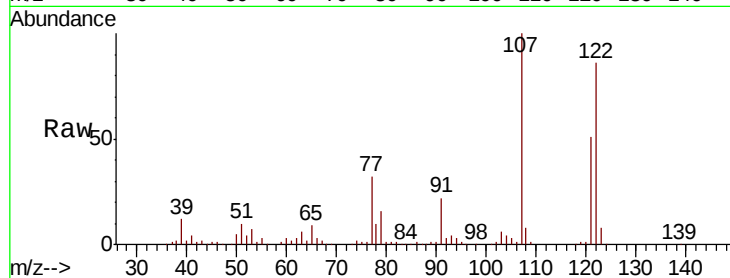
Tgt Ion:122 Resp: 341533

Ion Ratio Lower Upper

122 100

107 115.9 91.7 137.5

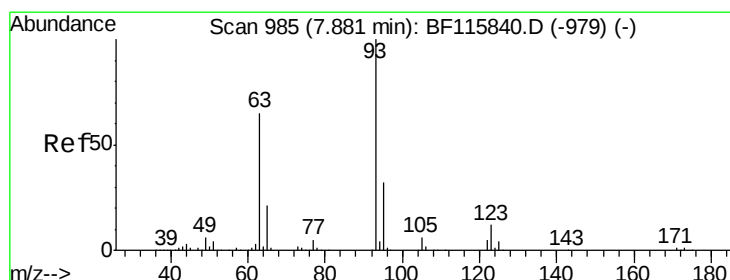
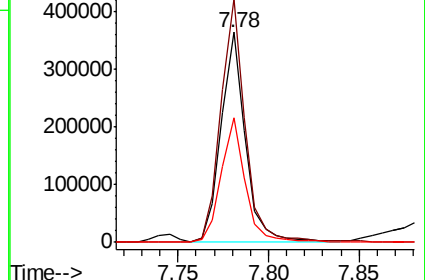
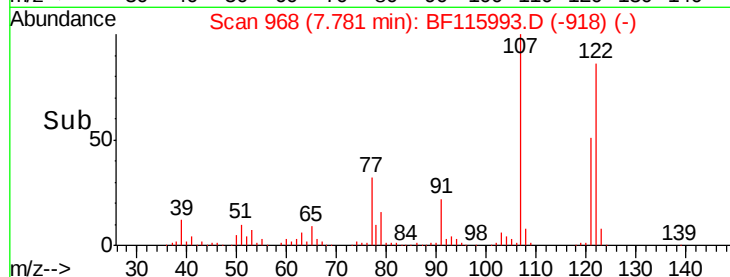
121 59.1 46.6 70.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.798 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

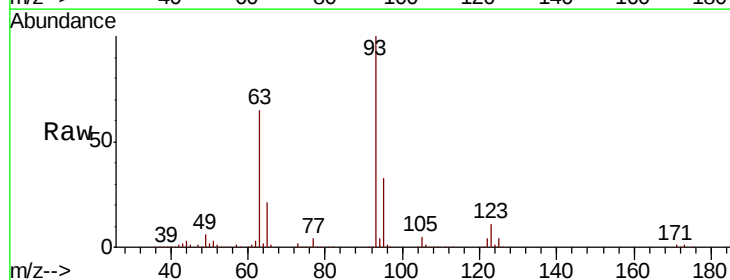
Tgt Ion: 93 Resp: 488591

Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

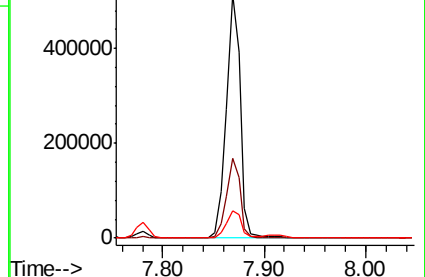
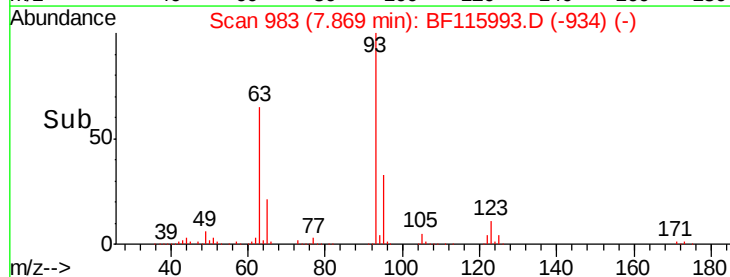
123 11.3 9.5 14.3

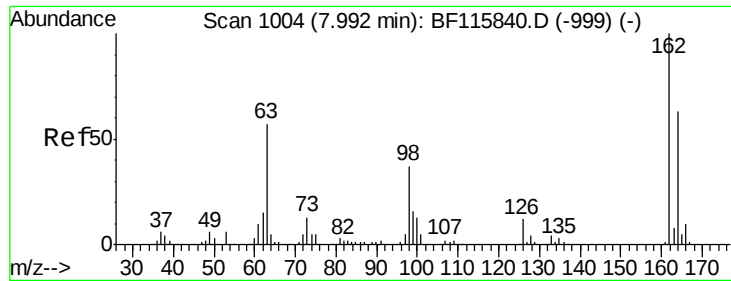


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

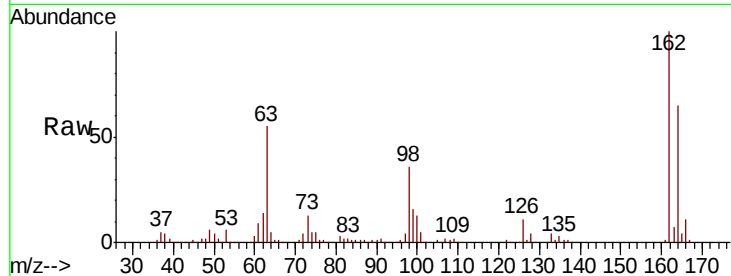




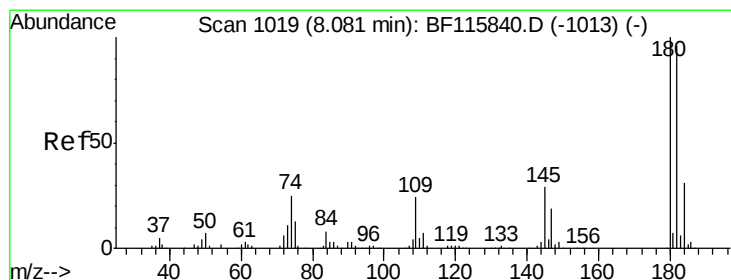
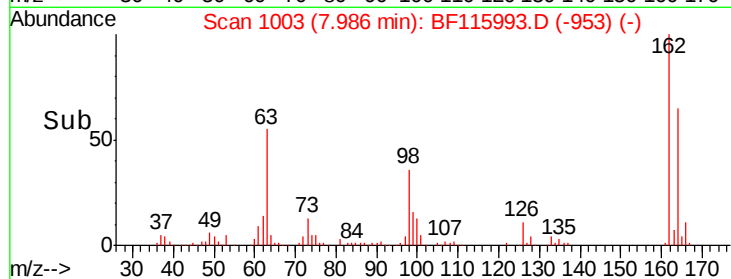
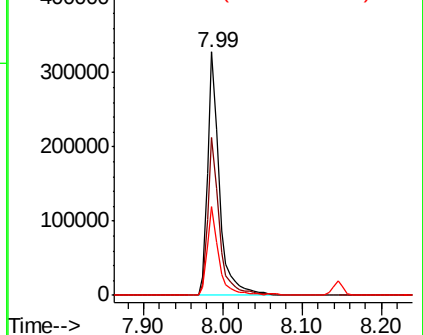
#29
2,4-Dichlorophenol
Concen: 45.099 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion:162 Resp: 343221
Ion Ratio Lower Upper
162 100
164 64.7 43.2 83.2
98 36.5 17.3 57.3

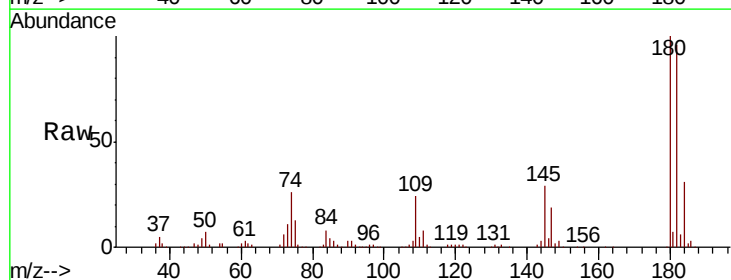


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

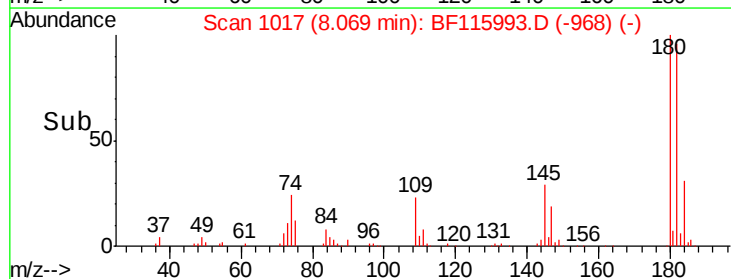
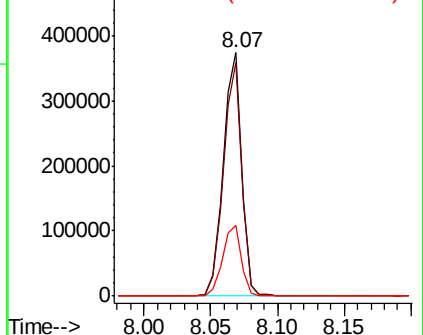


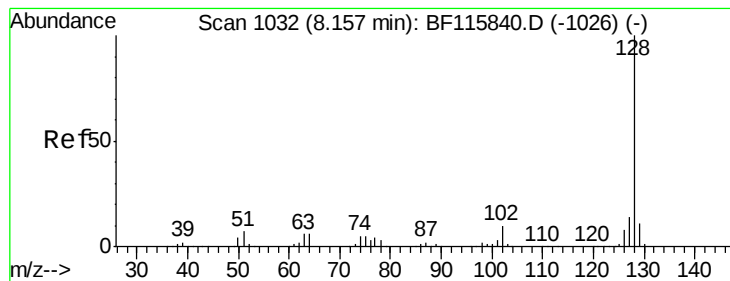
#30
1,2,4-Trichlorobenzene
Concen: 42.114 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:180 Resp: 365349
Ion Ratio Lower Upper
180 100
182 95.9 76.6 114.8
145 29.2 23.2 34.8



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





#31

Naphthalene

Concen: 44.962 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

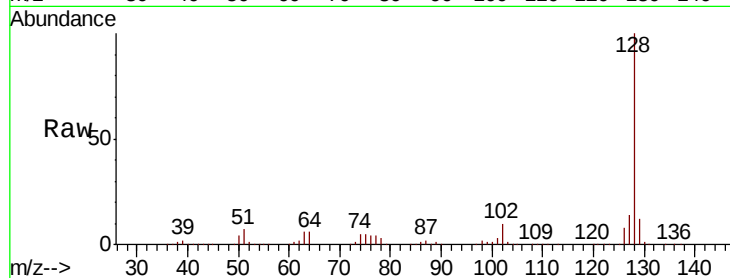
Tgt Ion:128 Resp: 1149570

Ion Ratio Lower Upper

128 100

129 11.7 9.2 13.8

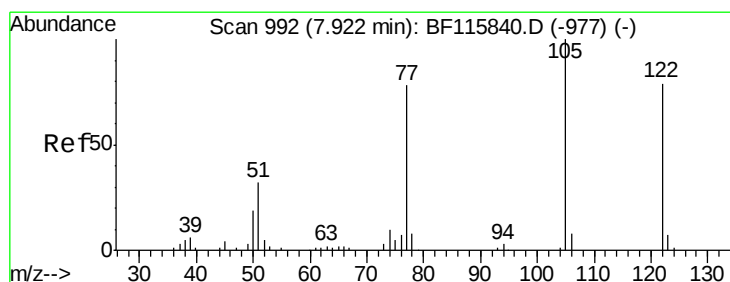
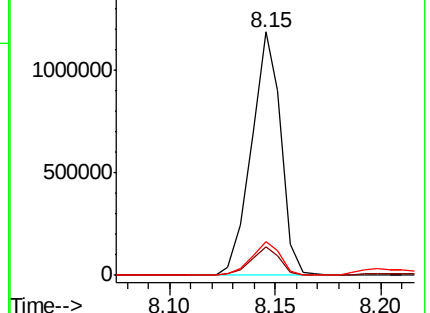
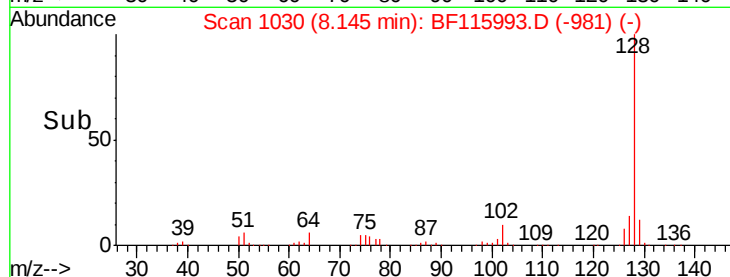
127 13.7 11.0 16.4



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: 35.461 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

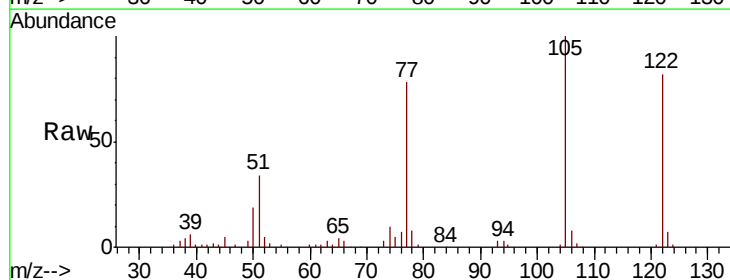
Tgt Ion:122 Resp: 180204

Ion Ratio Lower Upper

122 100

105 121.7 103.1 143.1

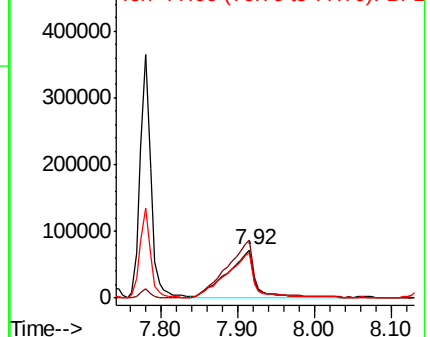
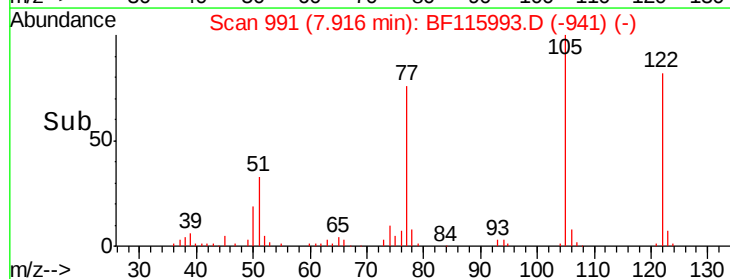
77 94.7 76.8 116.8

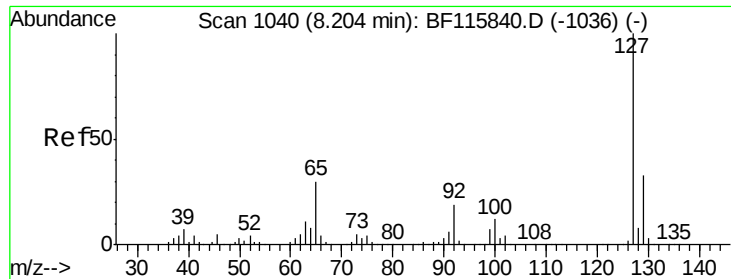


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

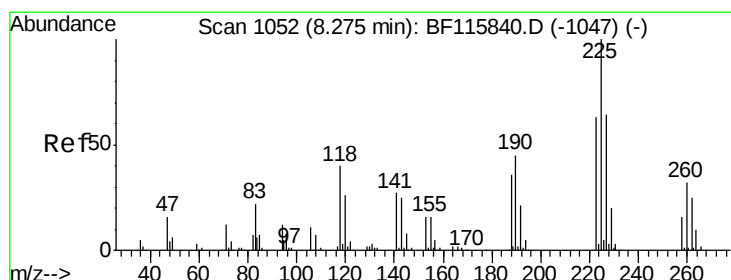
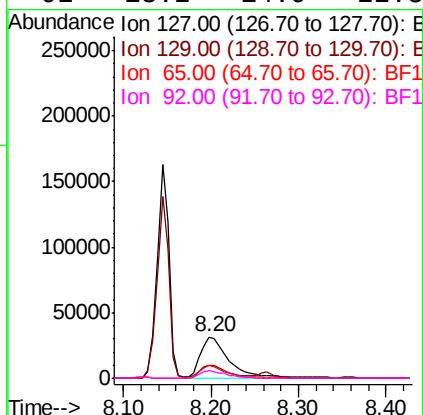
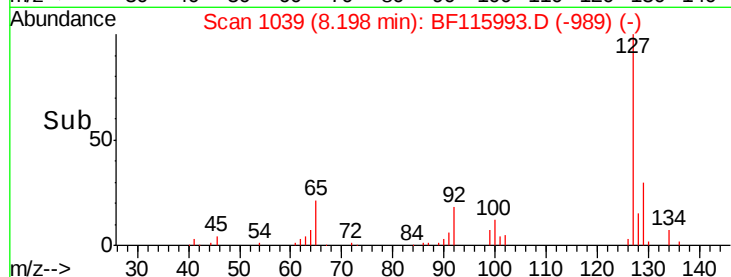
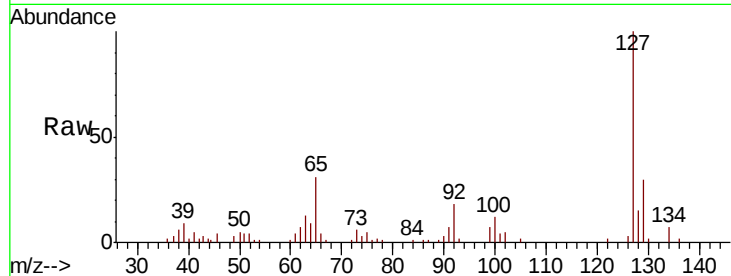




#33
4-Chloroaniline
Concen: 6.064 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

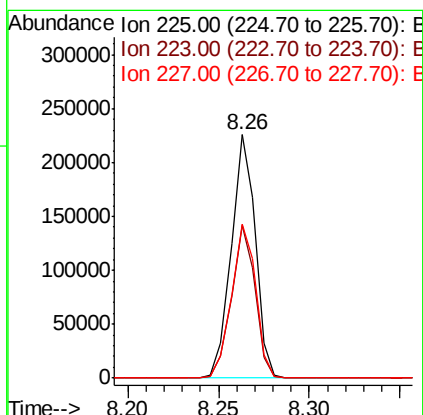
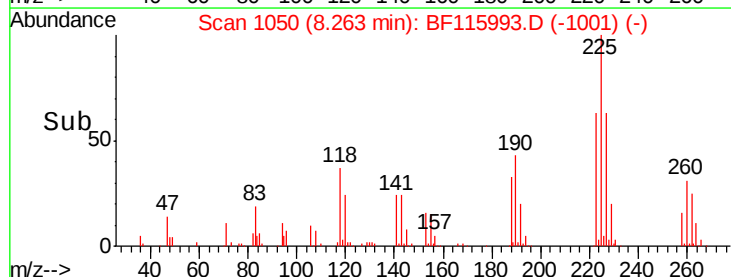
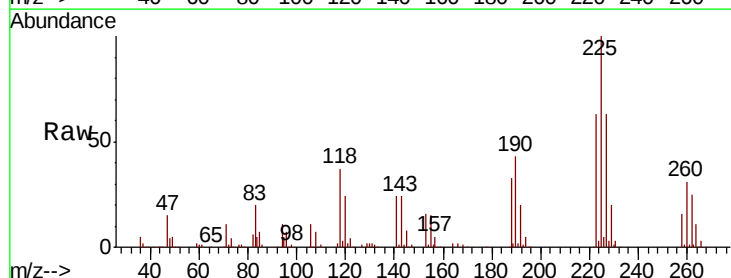
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

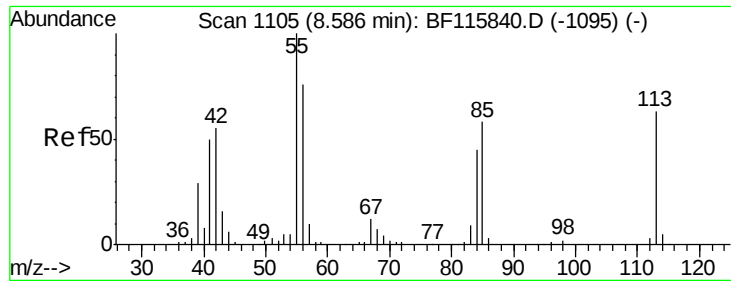
Tgt Ion:	127	Resp:	69275
Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.0	39.0
65	30.6	23.9	35.9
92	18.2	14.9	22.3



#34
Hexachlorobutadiene
Concen: 41.772 ng
RT: 8.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:	225	Resp:	208731
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.4	75.6
227	63.4	51.6	77.4

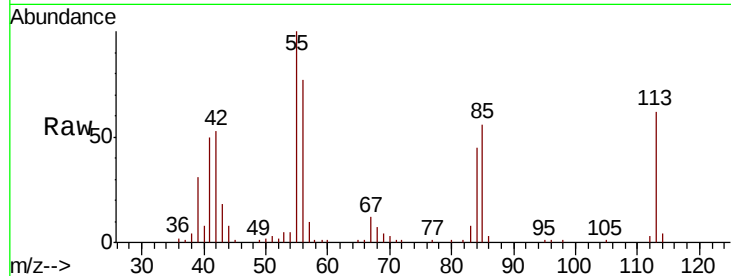




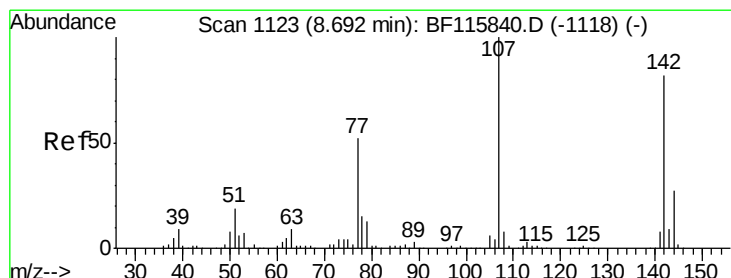
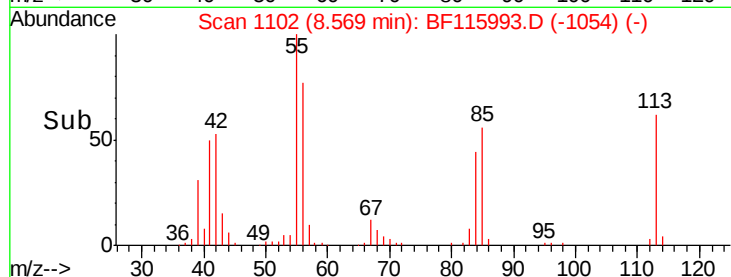
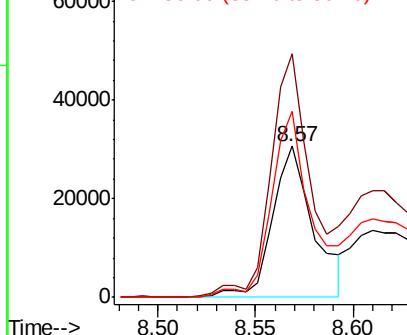
#35
 Caprolactam
 Concen: 18.035 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

Tgt Ion:113 Resp: 44392
 Ion Ratio Lower Upper
 113 100
 55 161.1 138.1 178.1
 56 123.5 100.6 140.6

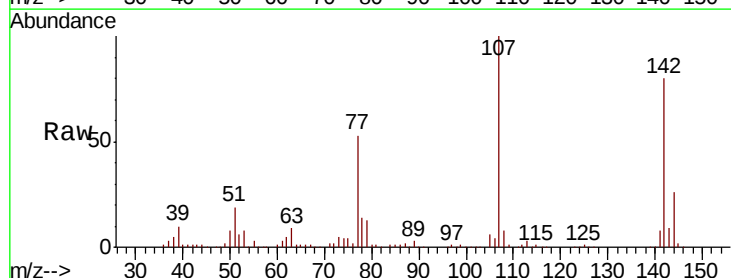


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

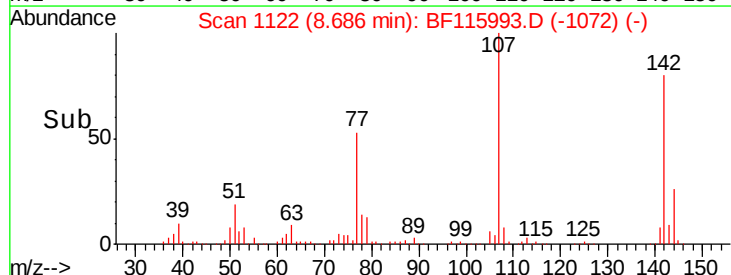
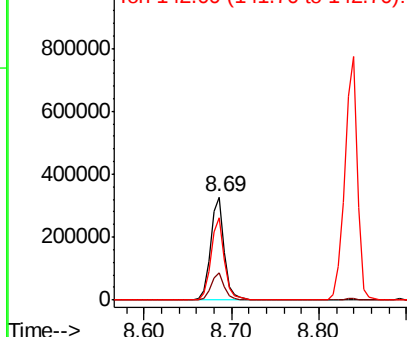


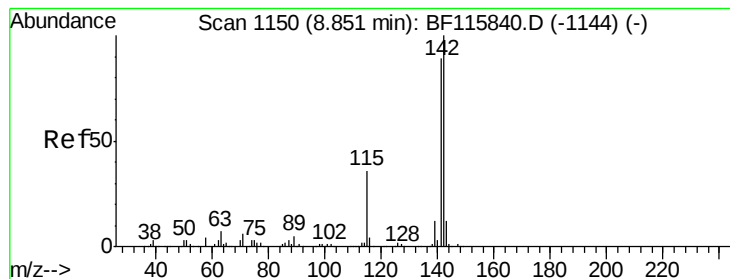
#36
 4-Chloro-3-methylphenol
 Concen: 45.088 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion:107 Resp: 356971
 Ion Ratio Lower Upper
 107 100
 144 26.0 21.4 32.0
 142 80.3 65.5 98.3



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: 46.104 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

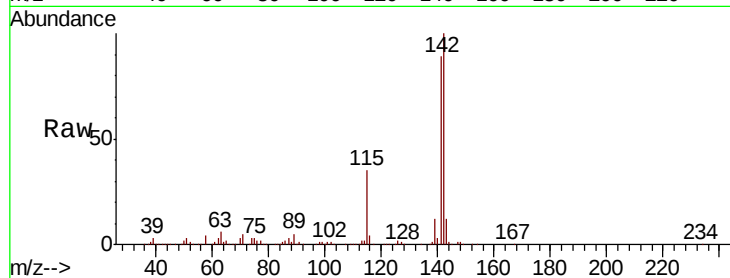
Tgt Ion:142 Resp: 776325

Ion Ratio Lower Upper

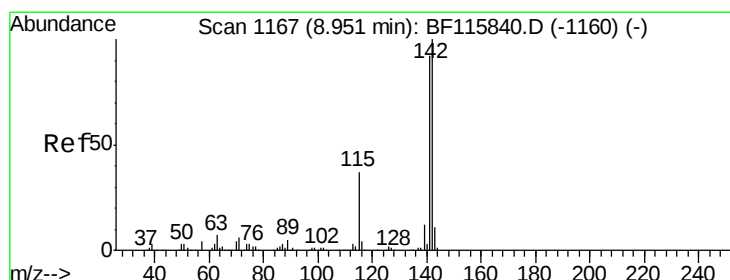
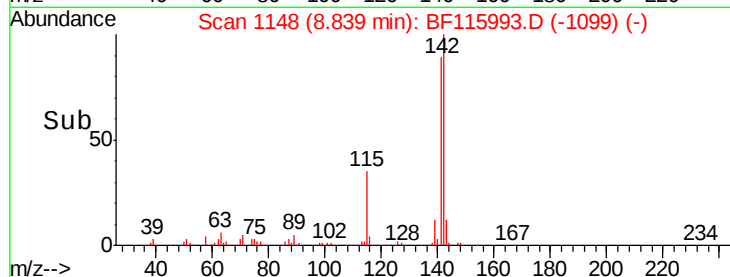
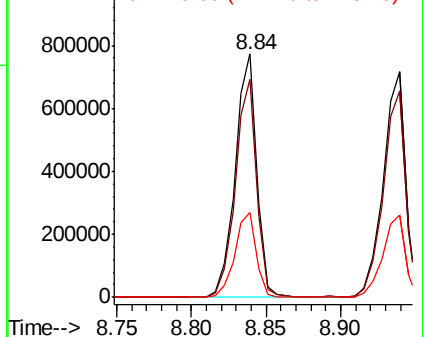
142 100

141 89.3 71.4 107.2

115 34.9 28.9 43.3



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: 45.493 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

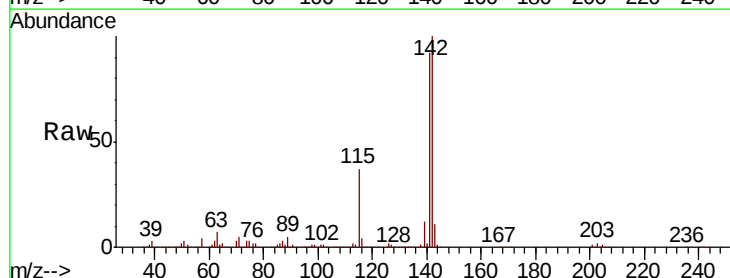
Tgt Ion:142 Resp: 724703

Ion Ratio Lower Upper

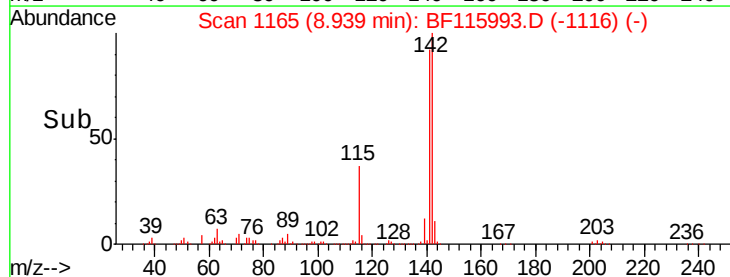
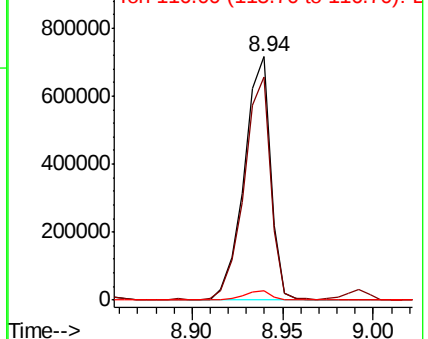
142 100

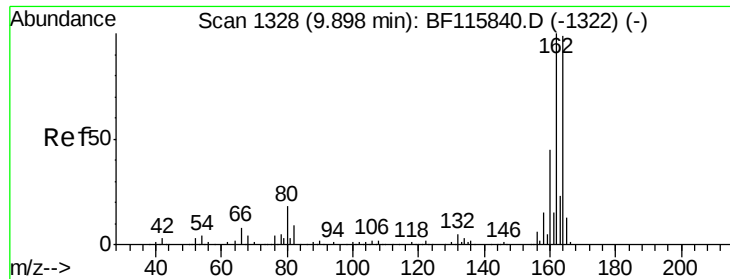
141 91.7 73.8 110.6

116 3.6 3.1 4.7



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

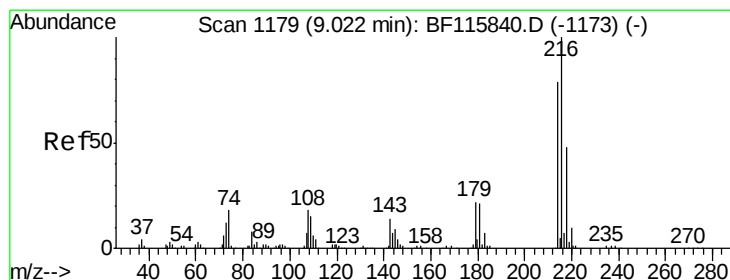
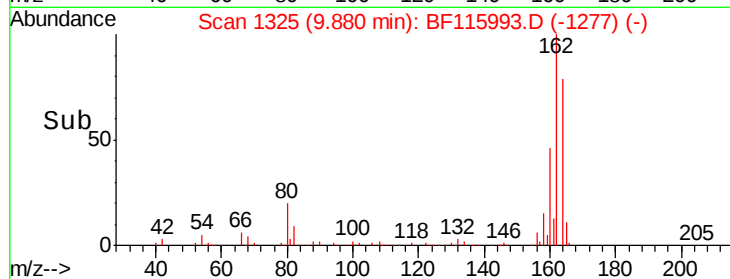
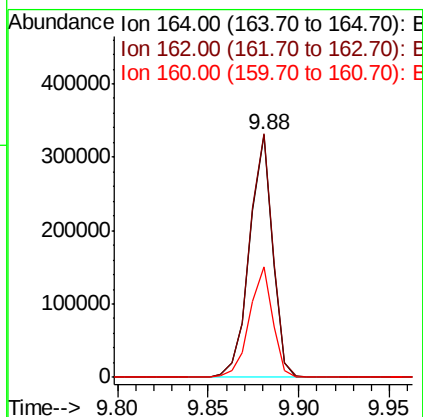
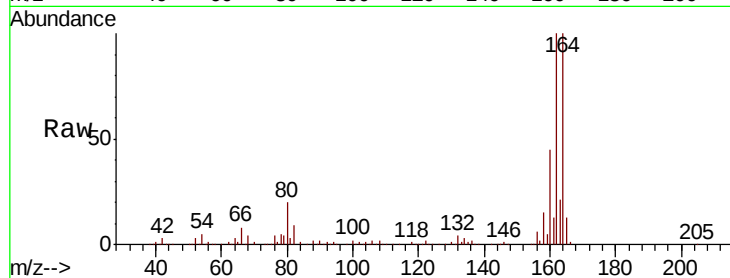




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

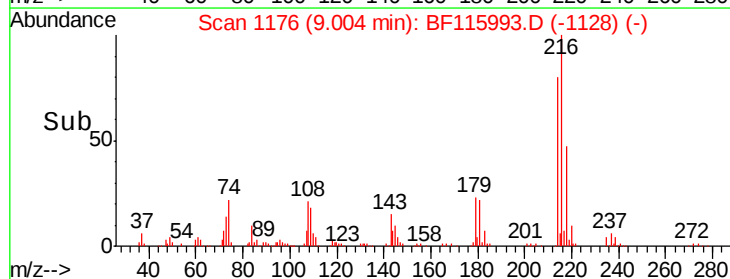
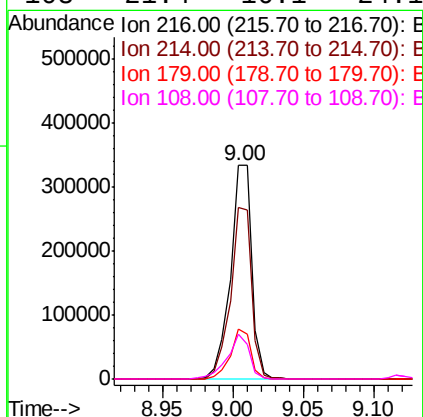
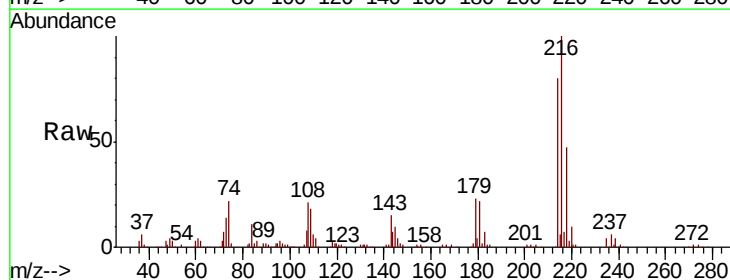
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

Tgt Ion:164 Resp: 292127
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.8 121.2
 160 45.5 36.2 54.4



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.985 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion:216 Resp: 351318
 Ion Ratio Lower Upper
 216 100
 214 79.3 62.8 94.2
 179 22.0 17.6 26.4
 108 21.4 16.1 24.1





#41

Hexachlorocyclopentadiene

Concen: 62.328 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

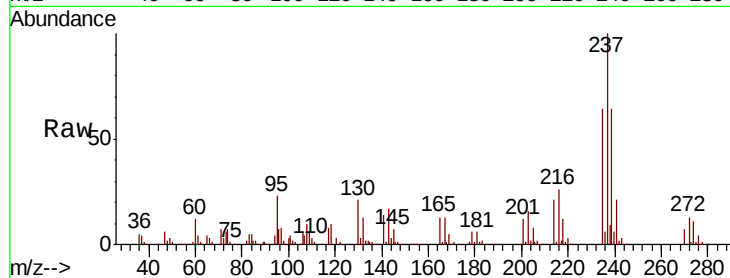
Tgt Ion: 237 Resp: 213571

Ion Ratio Lower Upper

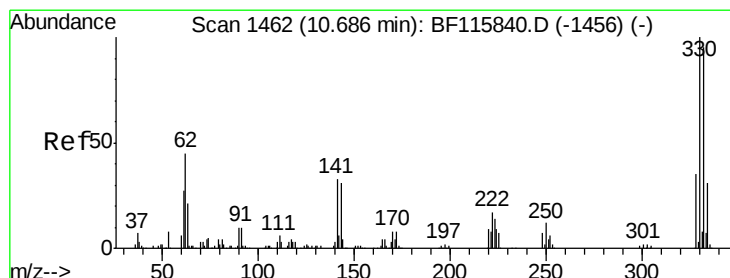
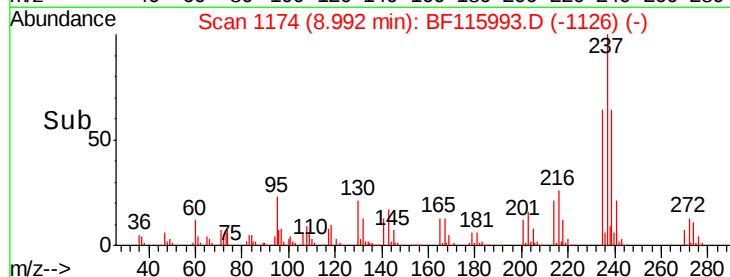
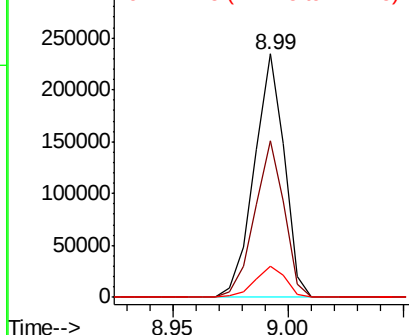
237 100

235 64.2 42.5 82.5

272 12.9 0.0 33.3



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: 140.168 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

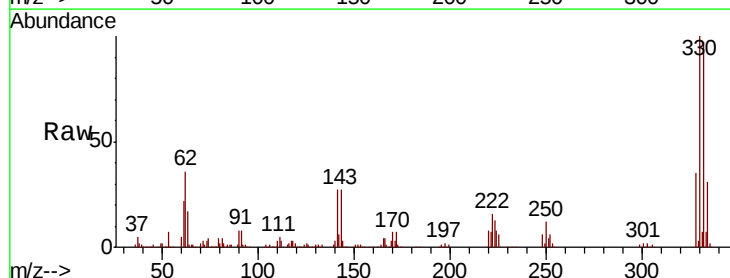
Tgt Ion: 330 Resp: 396992

Ion Ratio Lower Upper

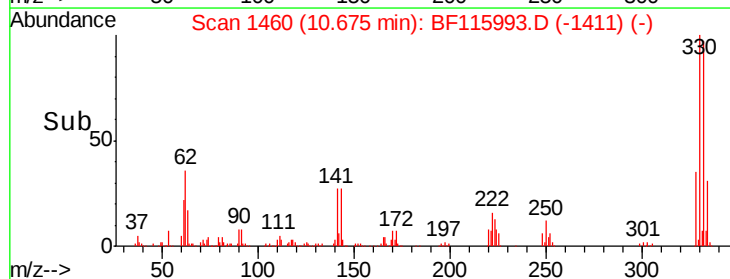
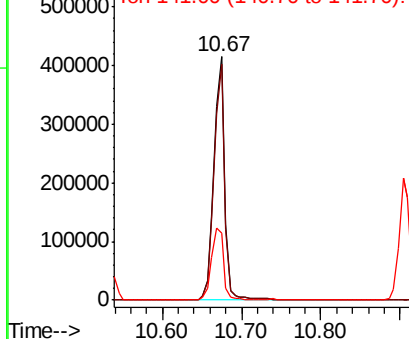
330 100

332 95.9 77.7 116.5

141 32.9 28.1 42.1



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

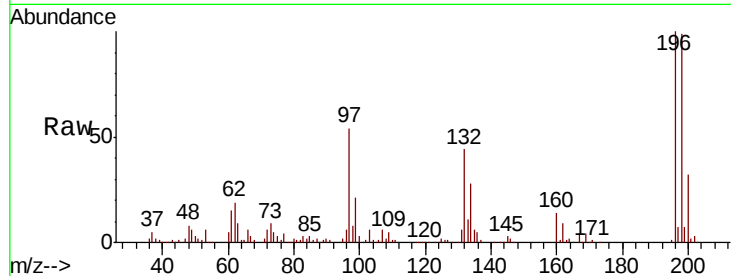




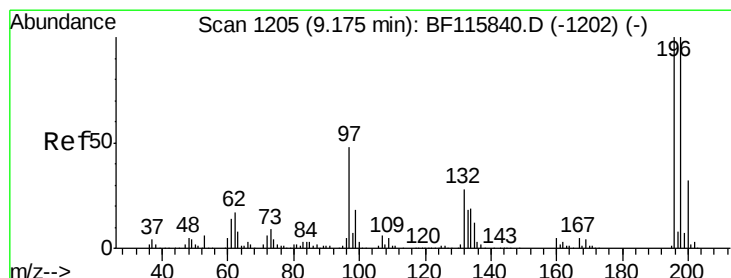
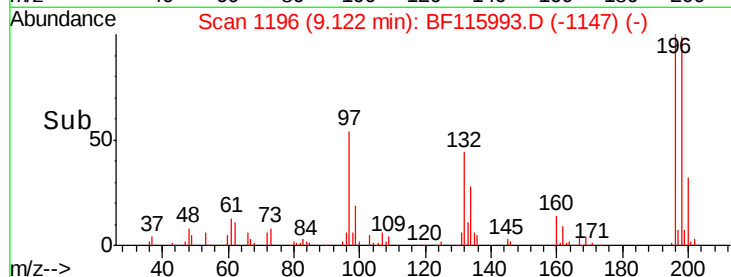
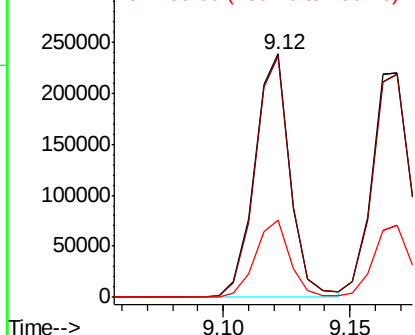
#43
 2,4,6-Trichlorophenol
 Concen: 43.263 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

Tgt Ion:196 Resp: 232560
 Ion Ratio Lower Upper
 196 100
 198 98.8 79.1 118.7
 200 31.8 26.0 39.0

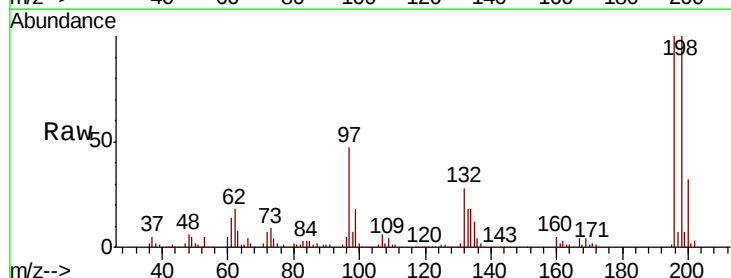


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

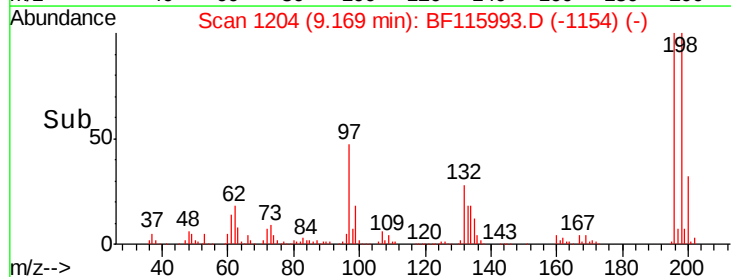
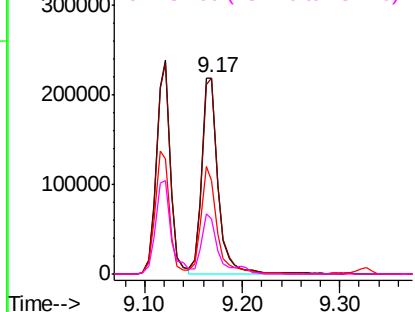


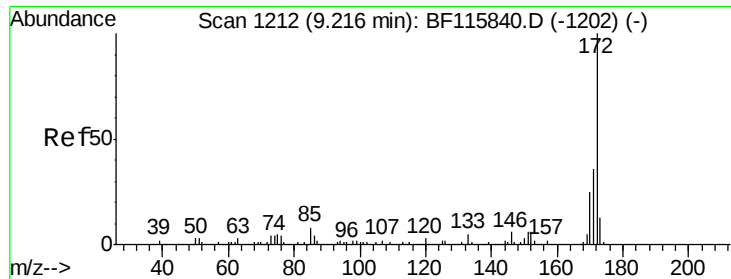
#44
 2,4,5-Trichlorophenol
 Concen: 45.516 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion:196 Resp: 252918
 Ion Ratio Lower Upper
 196 100
 198 99.6 80.1 120.1
 97 47.3 38.9 58.3
 132 27.9 22.6 33.8



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

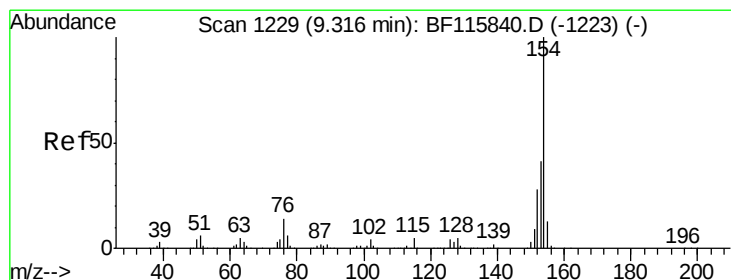
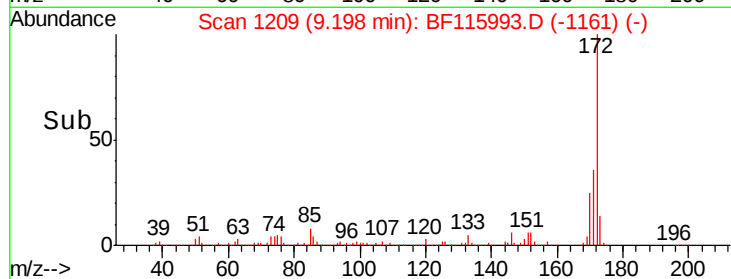
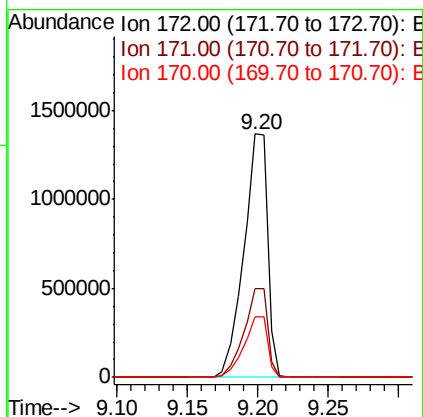
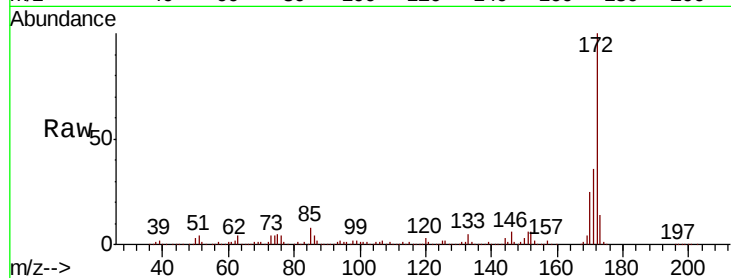




#45
 2-Fluorobiphenyl
 Concen: 103.192 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

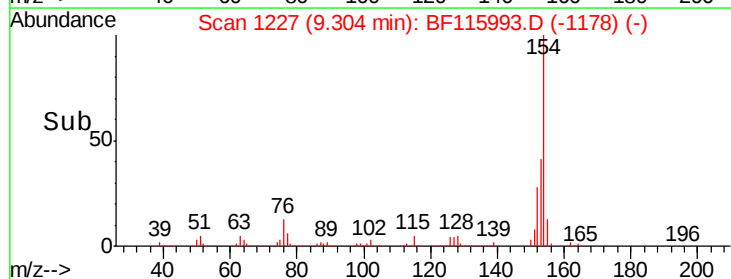
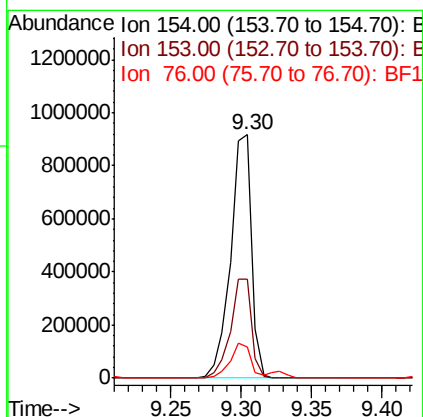
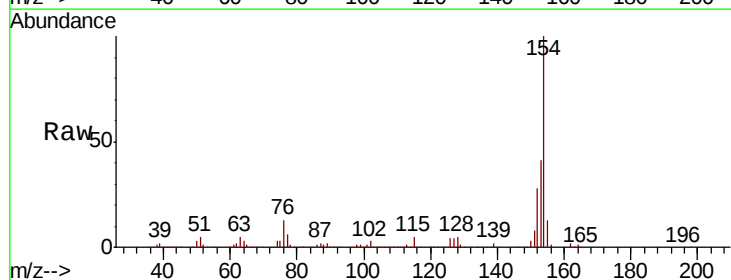
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

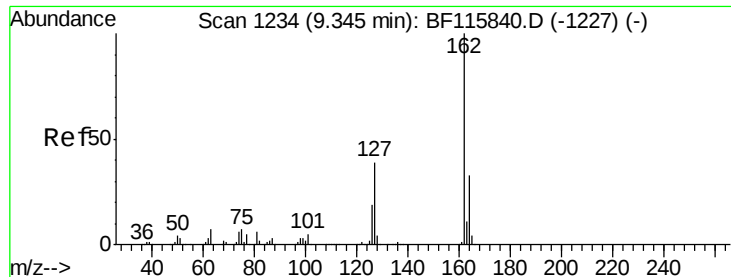
Tgt Ion:172 Resp: 1609393
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.1 43.7
 170 24.8 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 45.777 ng
 RT: 9.30 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion:154 Resp: 944107
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.9 60.9
 76 12.6 0.0 34.3

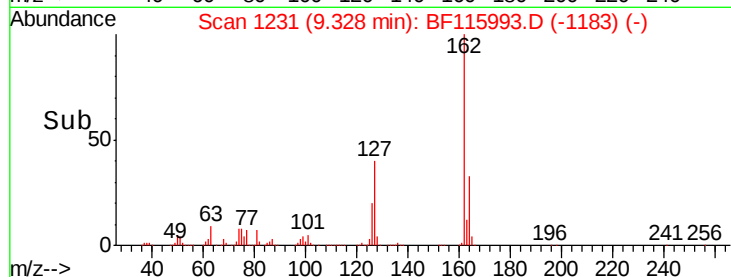
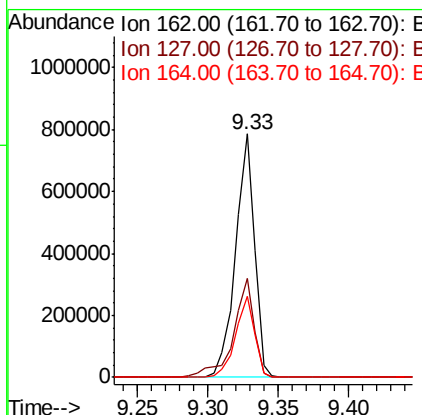
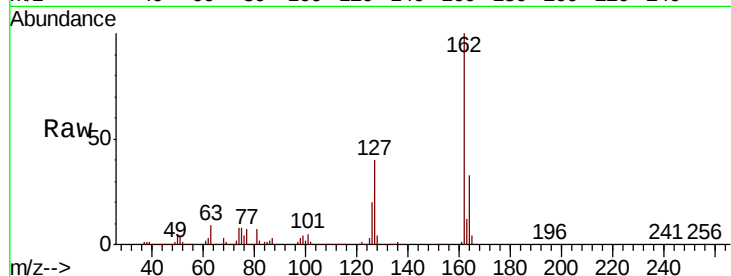




#47
 2-Chloronaphthalene
 Concen: 42.849 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

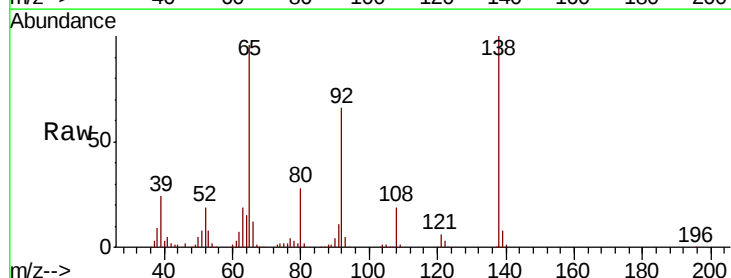
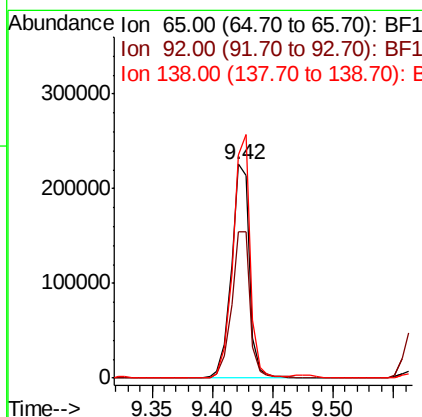
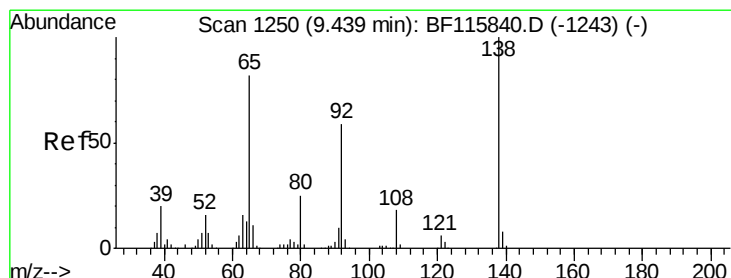
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

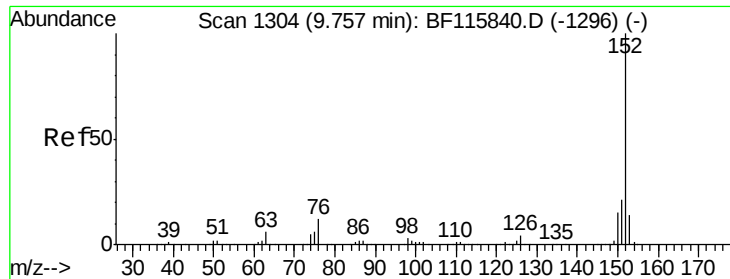
Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	31.3	46.9
164	33.4	26.6	40.0



#48
 2-Nitroaniline
 Concen: 41.500 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.3	57.1	85.7
138	104.2	97.1	145.7





#49

Acenaphthylene

Concen: 45.442 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

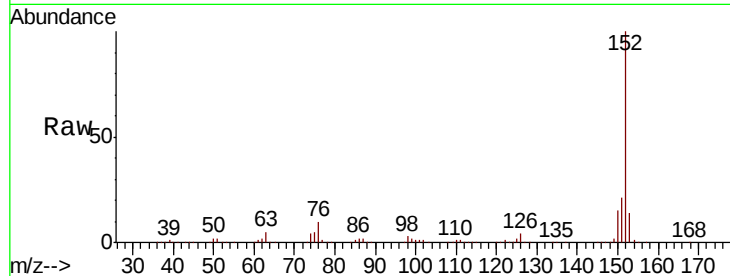
Tgt Ion:152 Resp: 1137978

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

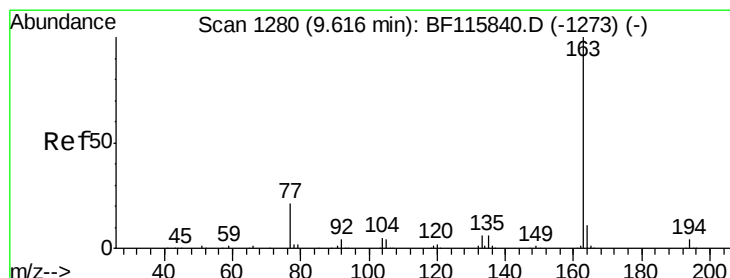
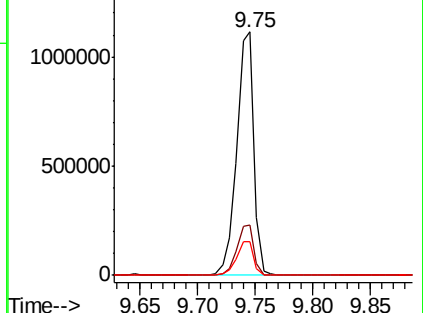
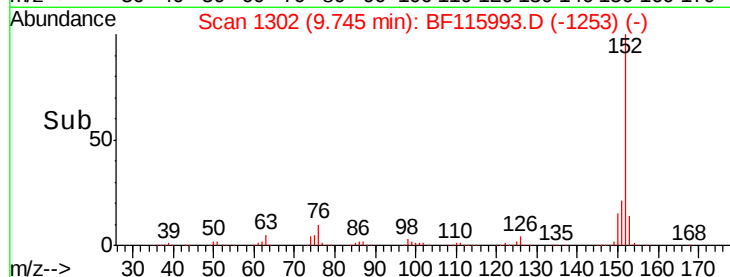
153 13.7 11.6 17.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.735 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

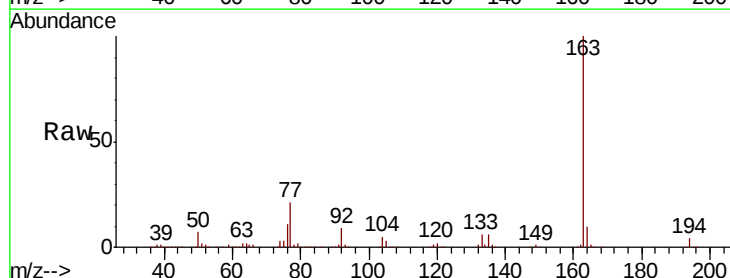
Tgt Ion:163 Resp: 889796

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

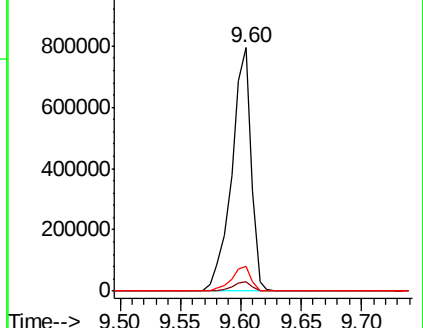
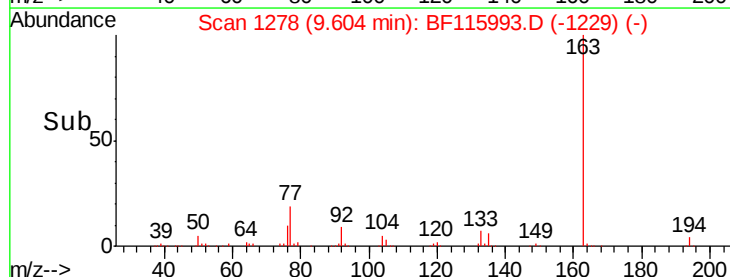
164 10.1 8.4 12.6

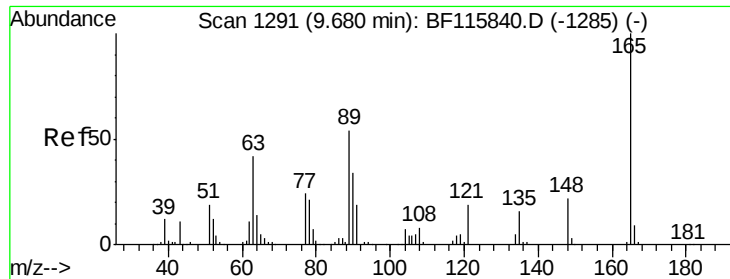


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.271 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

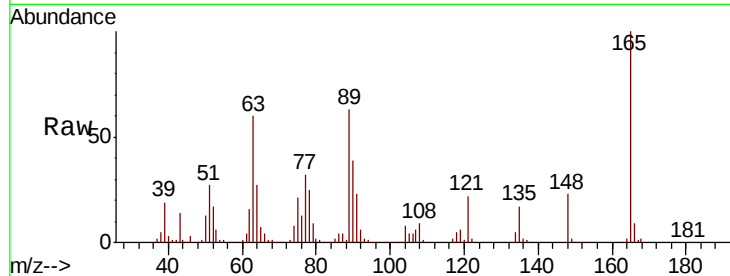
Tgt Ion:165 Resp: 195689

Ion Ratio Lower Upper

165 100

63 60.5 39.4 59.2#

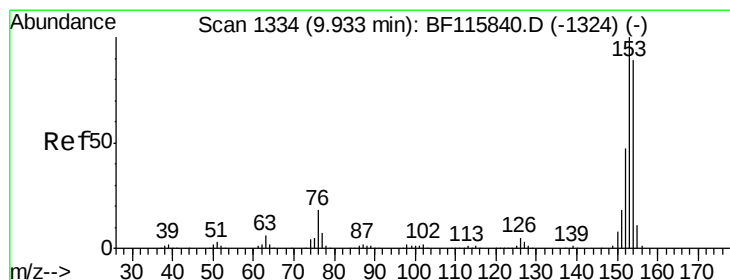
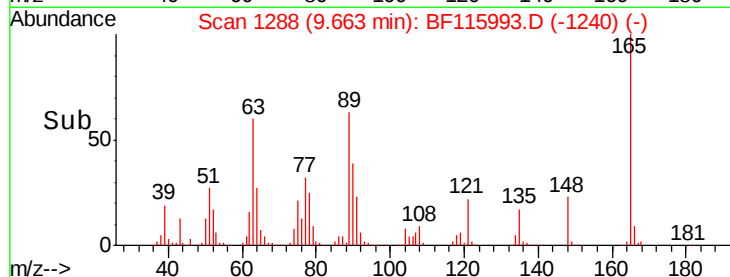
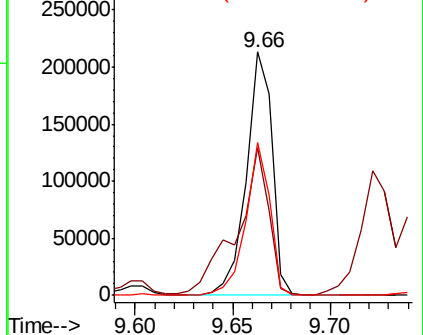
89 62.8 43.0 64.6



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: 44.392 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

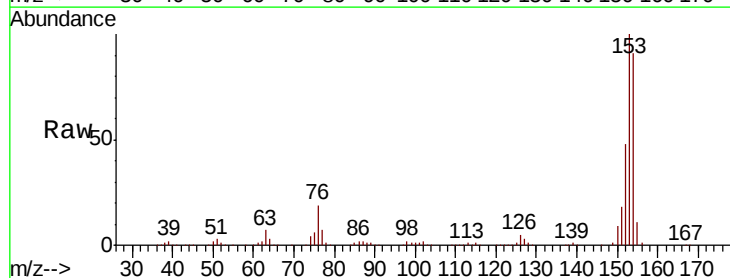
Tgt Ion:154 Resp: 682008

Ion Ratio Lower Upper

154 100

153 109.7 90.1 135.1

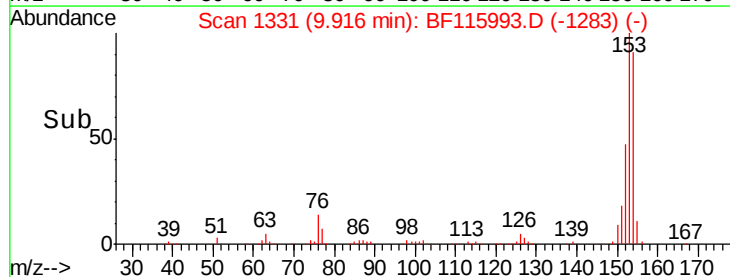
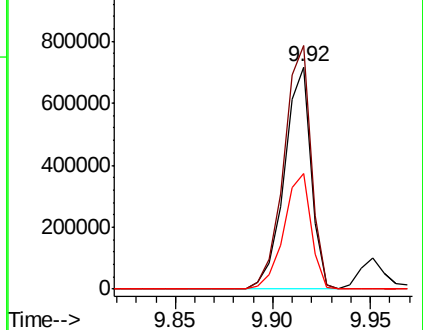
152 52.3 42.6 63.8

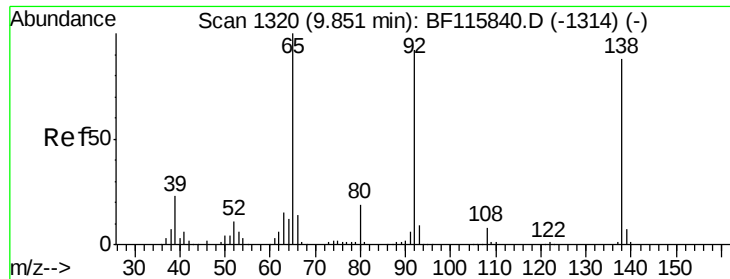


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

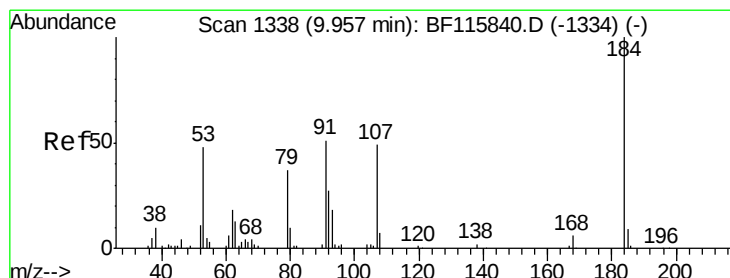
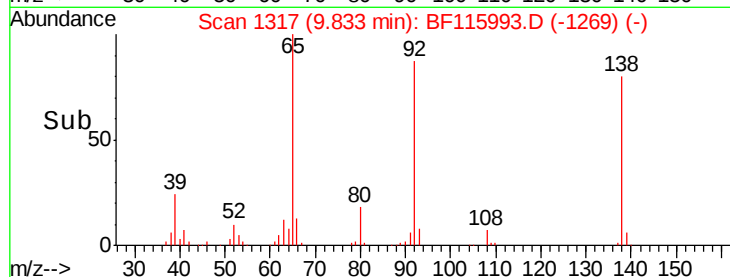
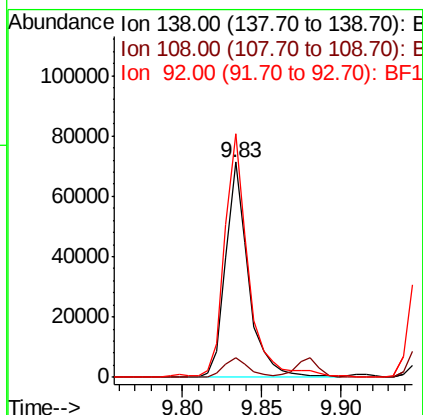
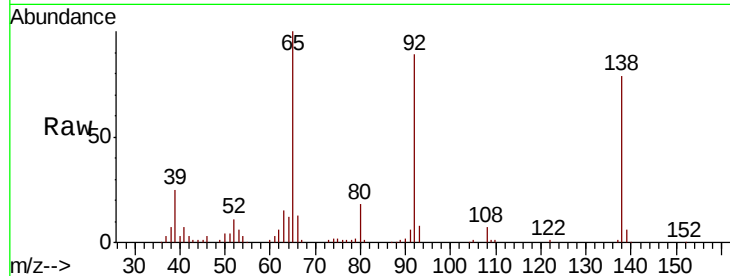




#53
 3-Nitroaniline
 Concen: 13.361 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

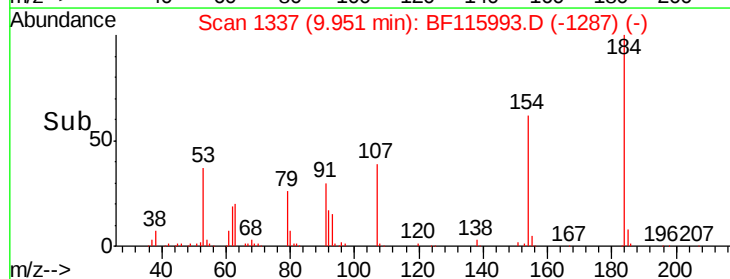
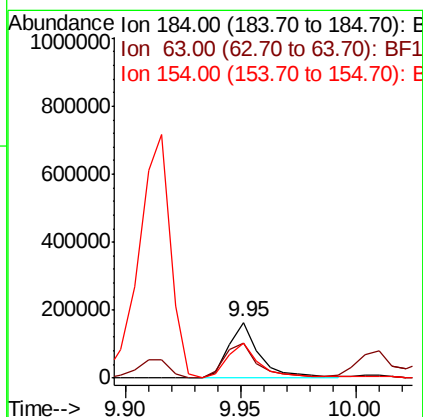
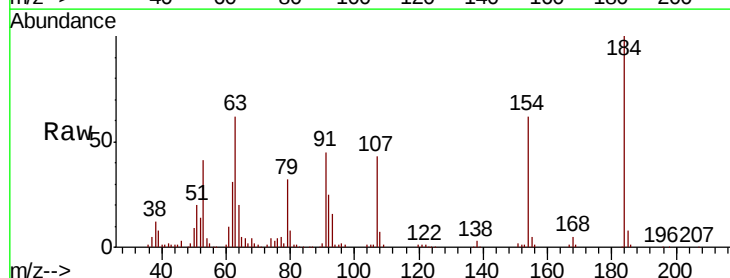
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

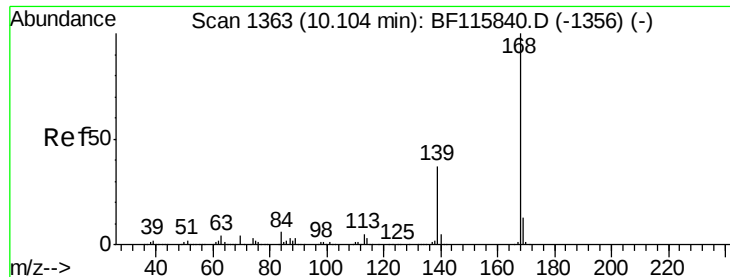
Tgt Ion:138 Resp: 71361
 Ion Ratio Lower Upper
 138 100
 108 9.3 7.4 11.2
 92 113.1 83.9 125.9



#54
 2,4-Dinitrophenol
 Concen: 71.300 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion:184 Resp: 154684
 Ion Ratio Lower Upper
 184 100
 63 62.0 56.7 85.1
 154 61.6 51.9 77.9

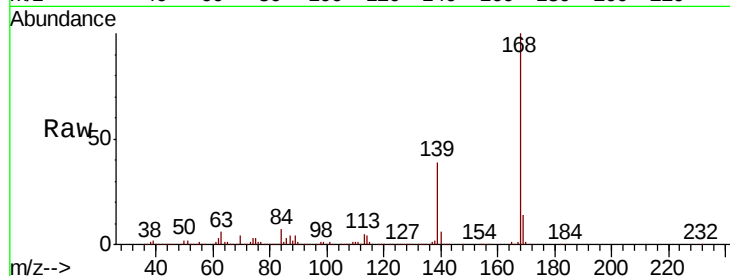




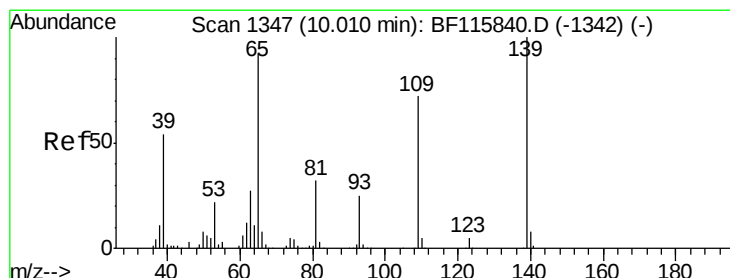
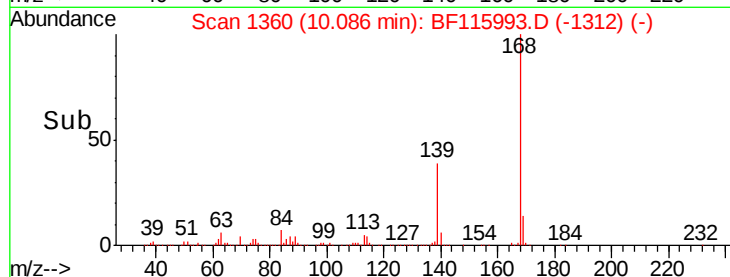
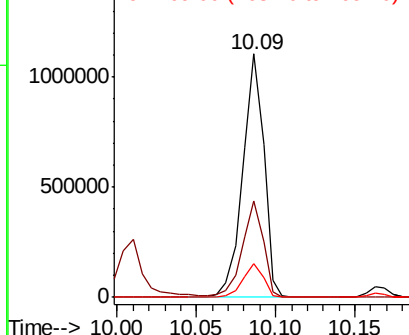
#55
Dibenzenofuran
Concen: 45.557 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion:168 Resp: 1017837
Ion Ratio Lower Upper
168 100
139 39.4 30.2 45.2
169 13.8 10.8 16.2

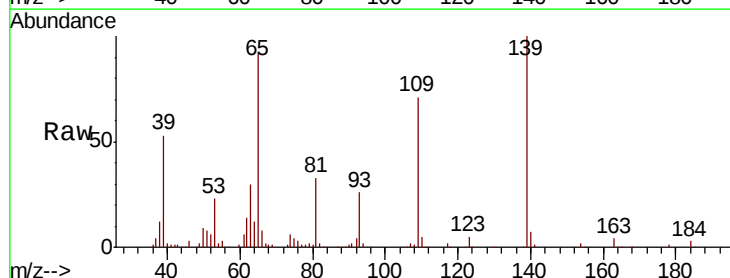


Abundance Ion 168.00 (167.70 to 168.70): E
1500000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

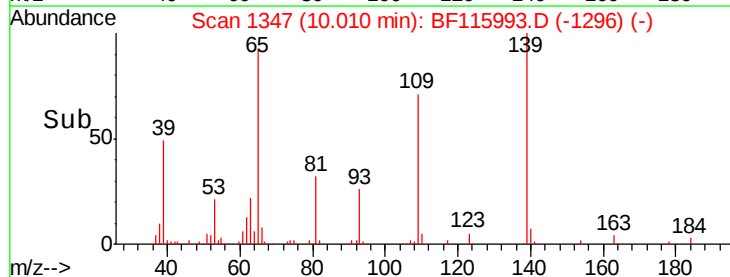
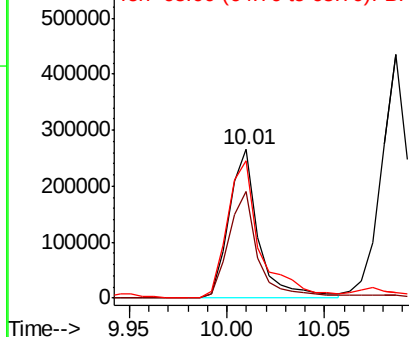


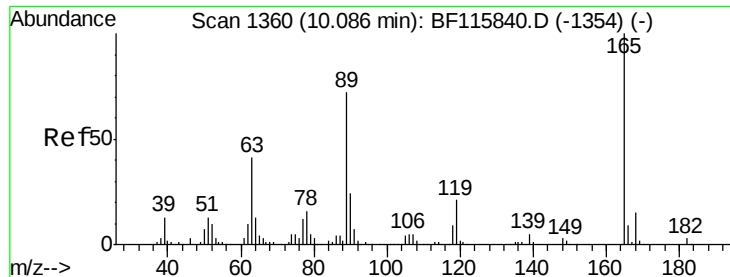
#56
4-Nitrophenol
Concen: 81.752 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:139 Resp: 279713
Ion Ratio Lower Upper
139 100
109 71.5 52.0 92.0
65 92.3 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E
600000 Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

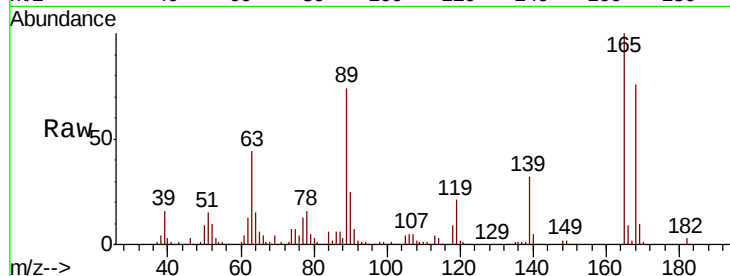




#57
2,4-Dinitrotoluene
Concen: 44.899 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.2	33.2	49.8
89	73.6	57.3	85.9
182	2.5	2.1	3.1



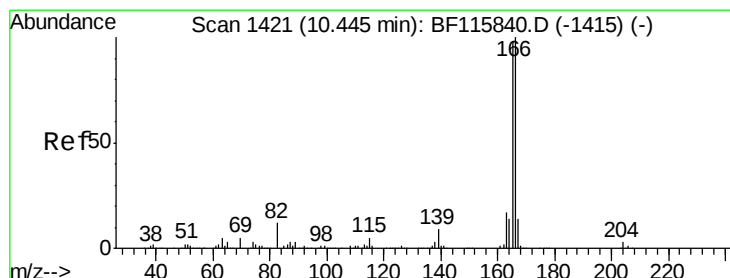
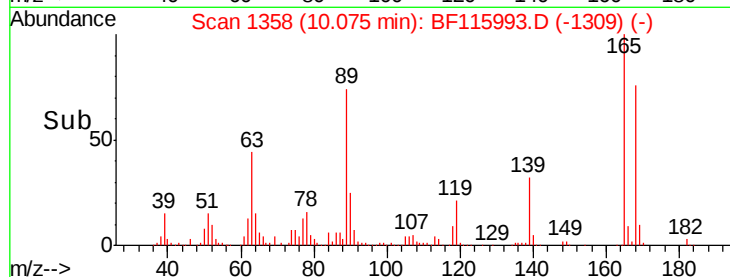
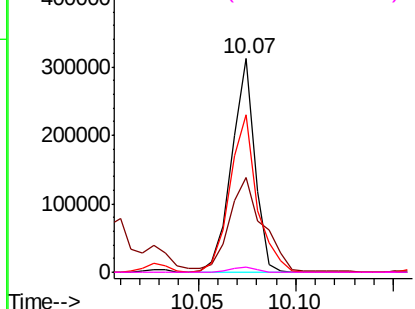
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

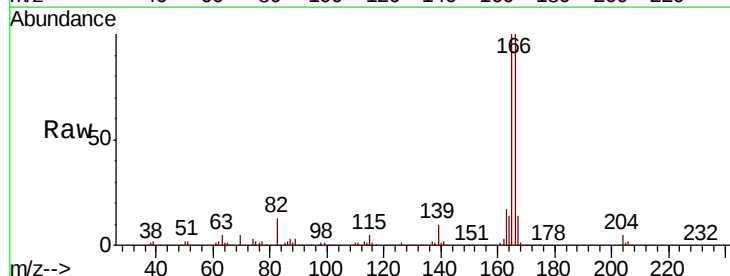
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.782 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.6	118.0
167	13.8	10.9	16.3

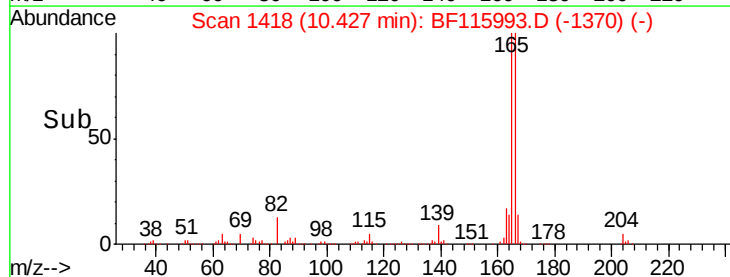
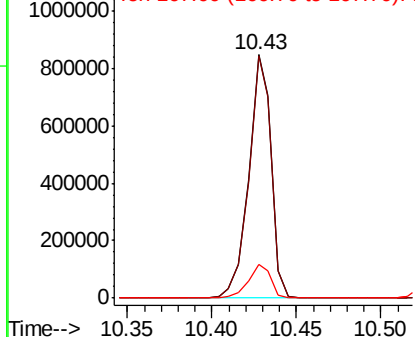


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

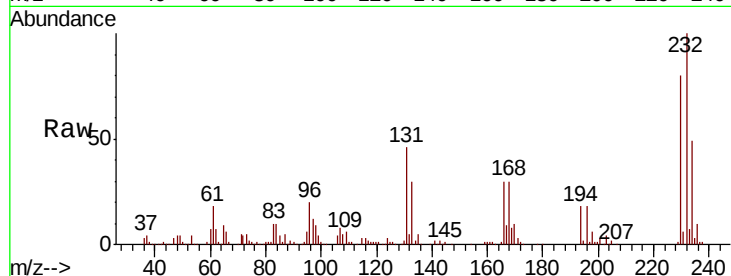




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.524 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	46.4	37.6	56.4
130	2.5	1.8	2.8
166	29.9	24.6	37.0



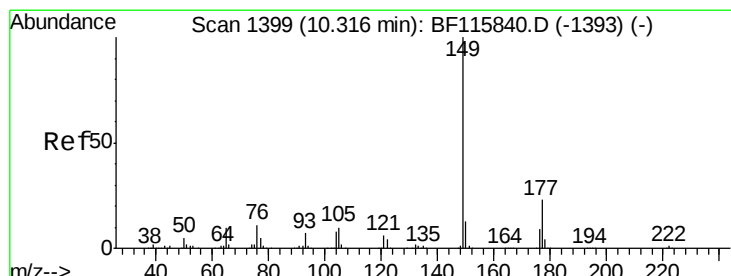
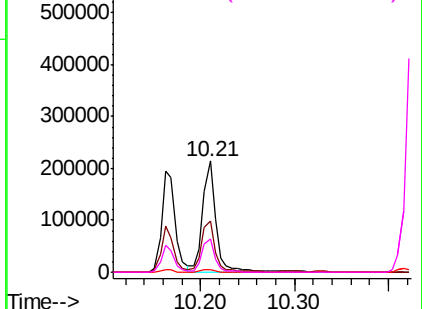
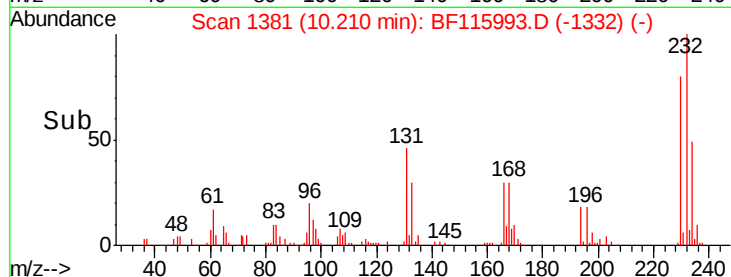
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

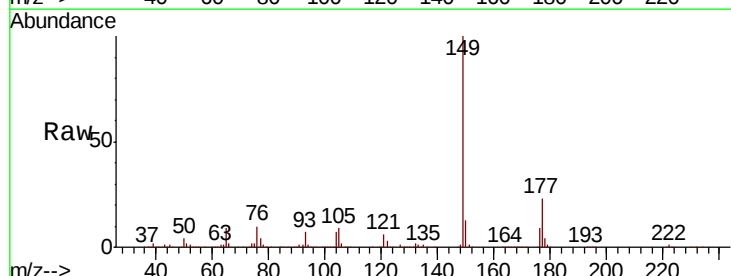
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.684 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	18.4	27.6
150	12.7	10.1	15.1

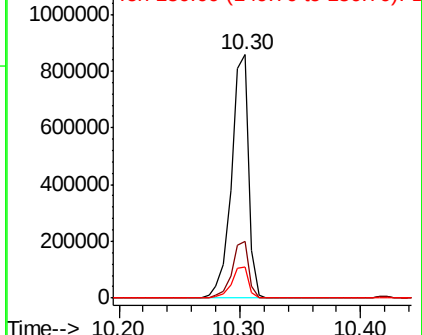
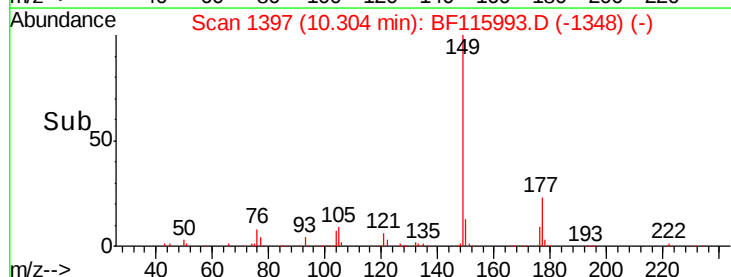


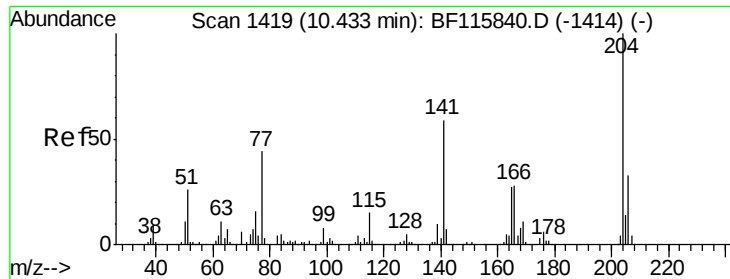
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

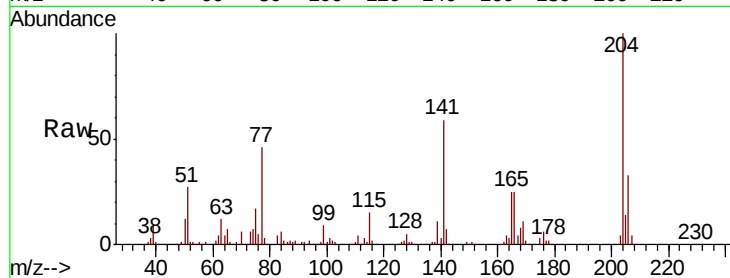




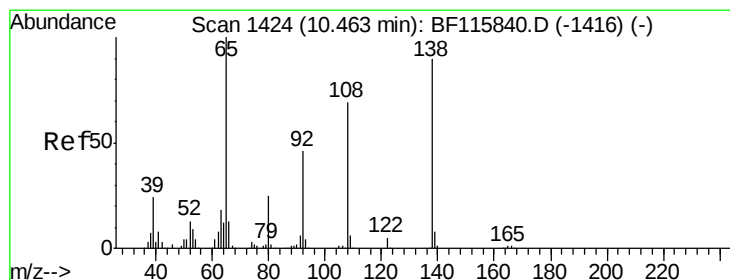
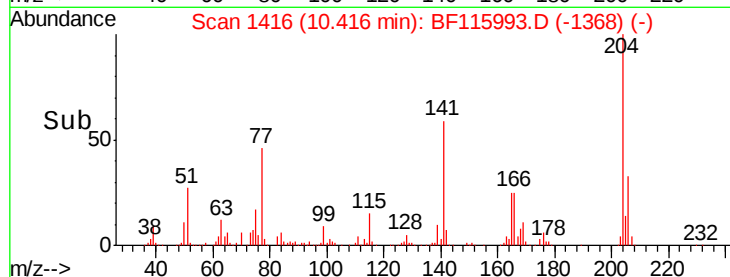
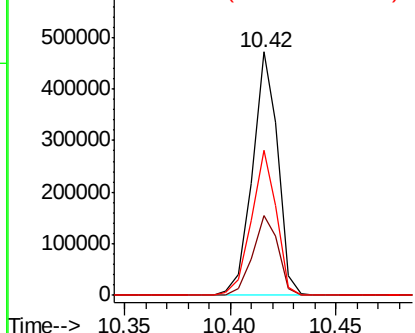
#61
4-Chlorophenyl-phenylether
Concen: 45.277 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion: 204 Resp: 394163
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 59.4 47.0 70.4

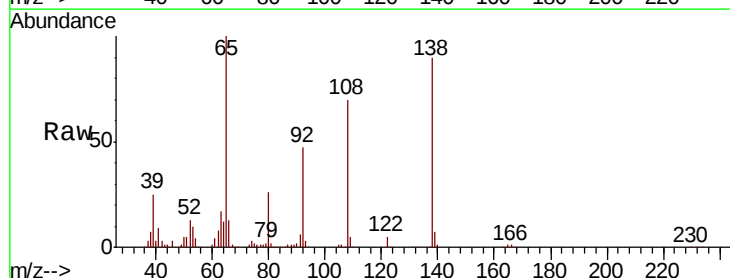


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

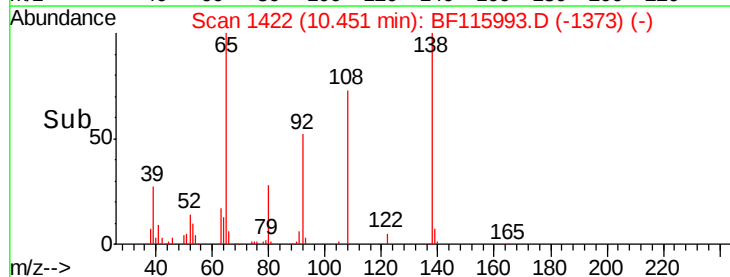
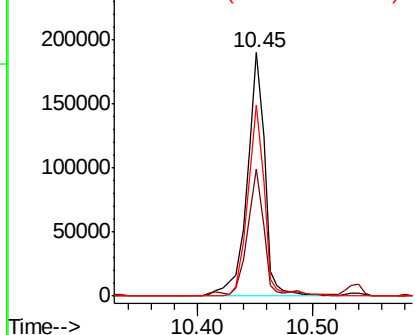


#62
4-Nitroaniline
Concen: 36.277 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion: 138 Resp: 200240
Ion Ratio Lower Upper
138 100
92 52.2 31.0 71.0
108 78.4 56.7 96.7



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

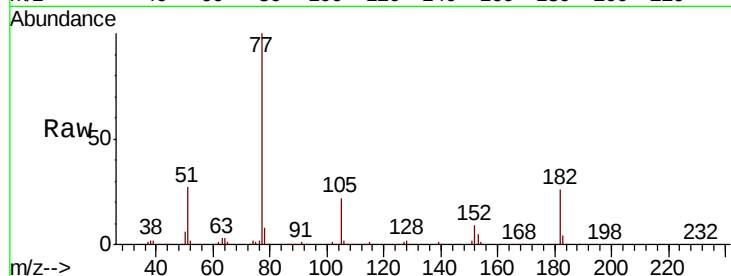




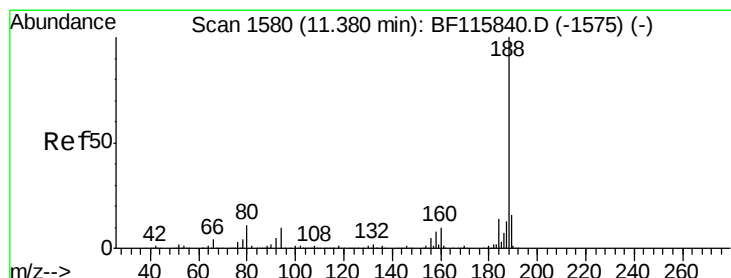
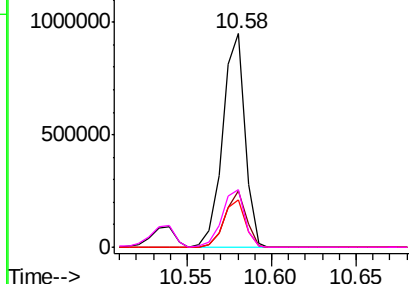
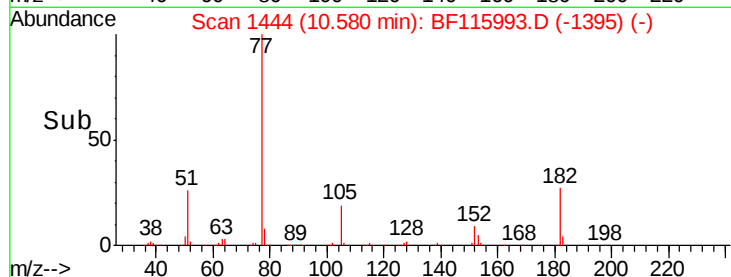
#63
Azobenzene
Concen: 45.700 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion:	77	Resp:	872906
Ion	Ratio	Lower	Upper
77	100		
182	26.5	2.6	42.6
105	22.4	1.6	41.6
51	26.8	7.4	47.4

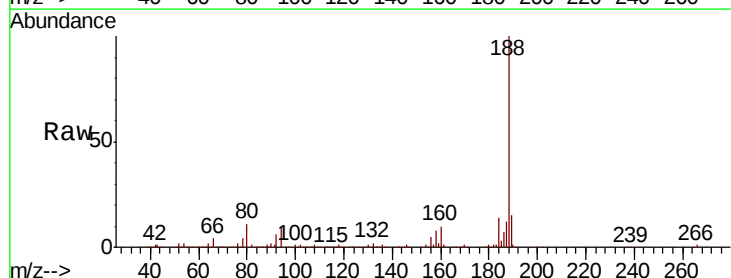


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

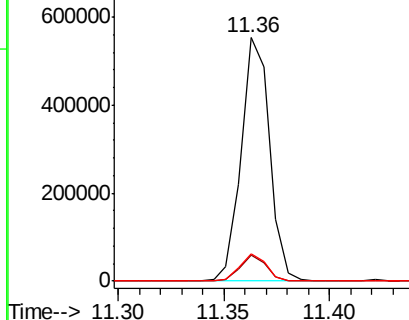
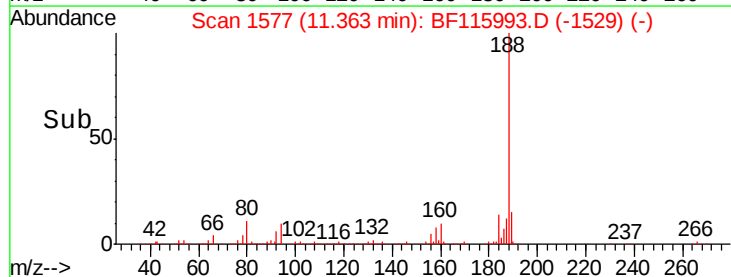


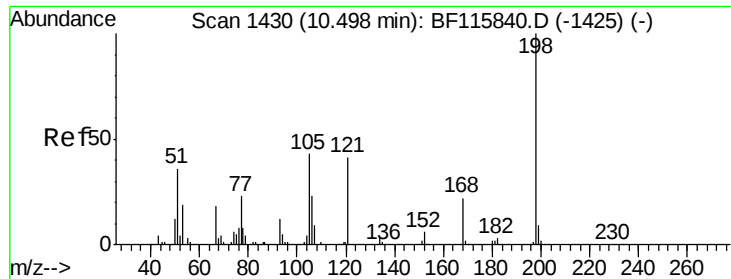
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:	188	Resp:	514921
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.0	12.0
80	11.2	8.6	12.8



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

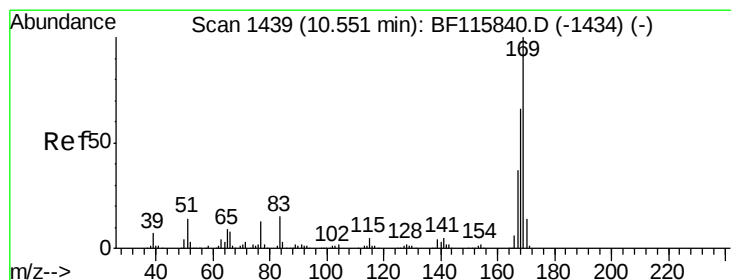
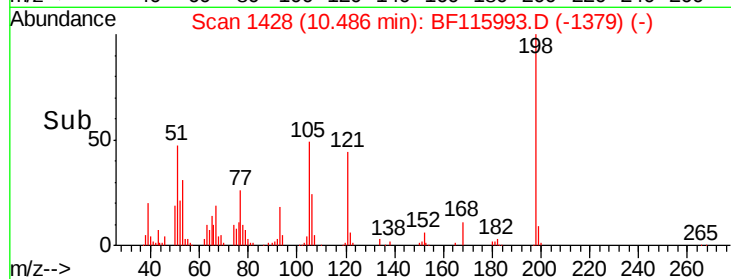
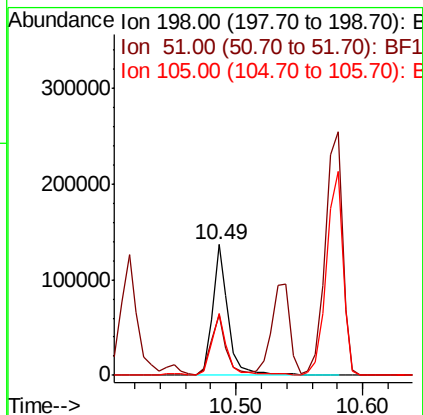
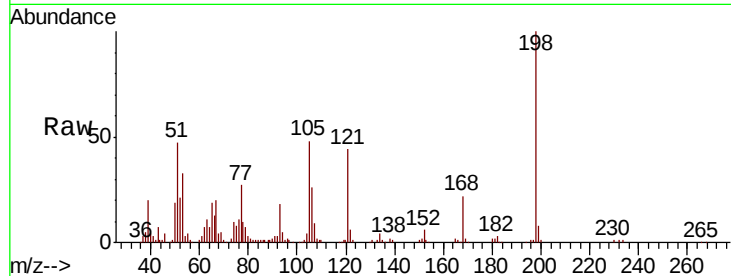




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.618 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

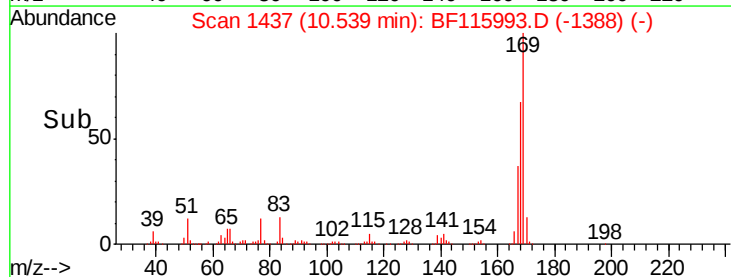
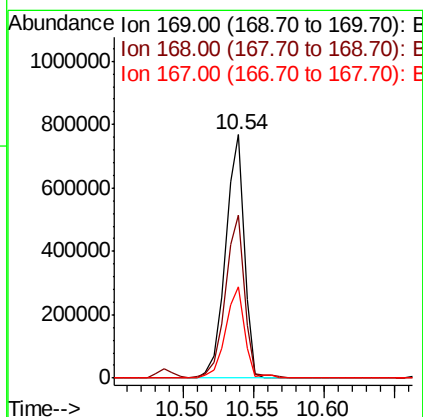
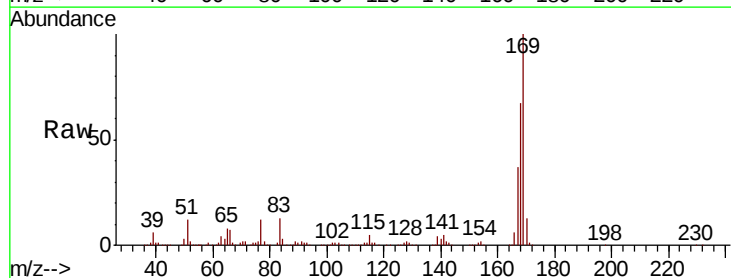
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

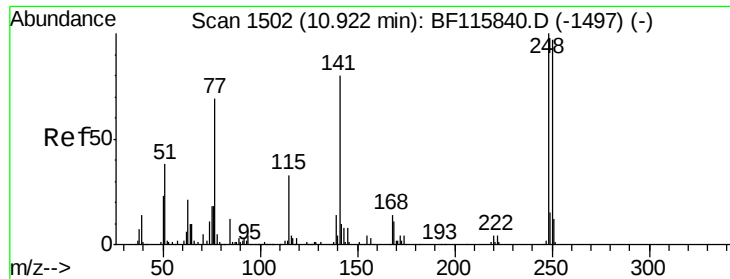
Tgt Ion:198 Resp: 119023
 Ion Ratio Lower Upper
 198 100
 51 46.5 21.1 61.1
 105 47.9 24.5 64.5



#66
 n-Nitrosodiphenylamine
 Concen: 45.730 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion:169 Resp: 708753
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.0 79.6
 167 37.3 29.9 44.9

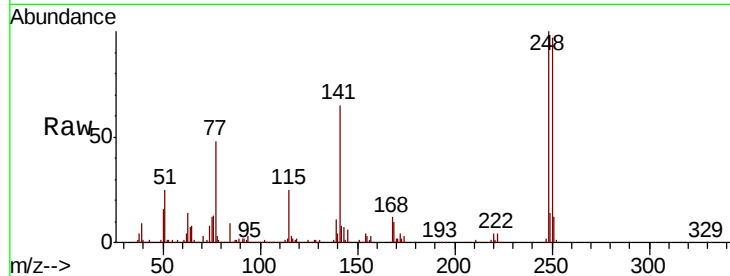




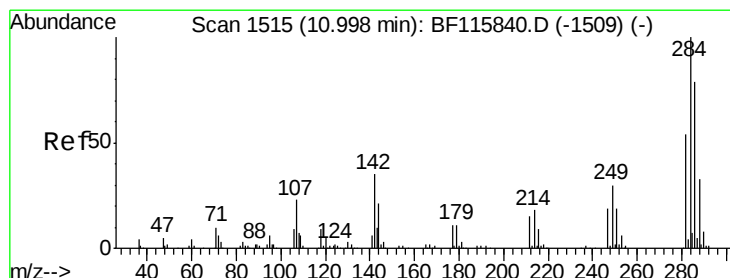
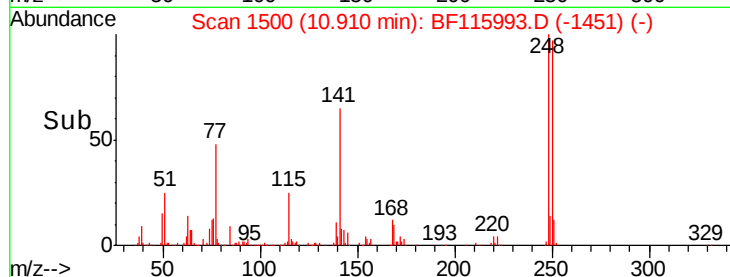
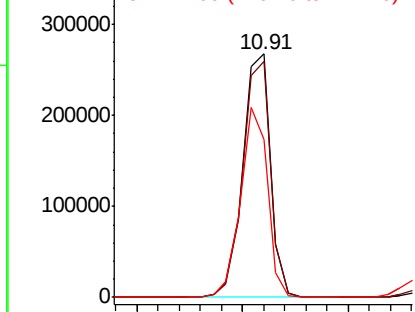
#67
4-Bromophenyl-phenylether
Concen: 44.220 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion:248 Resp: 243753
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.6
141 65.0 64.3 96.5

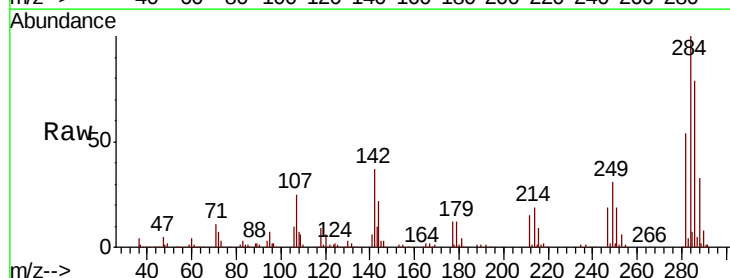


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

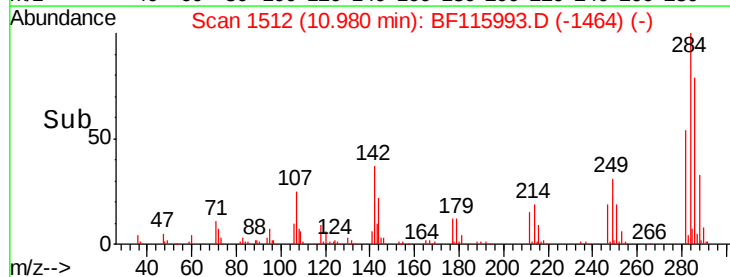
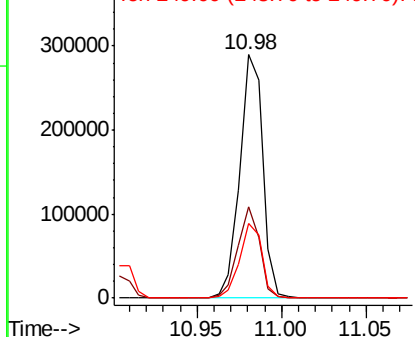


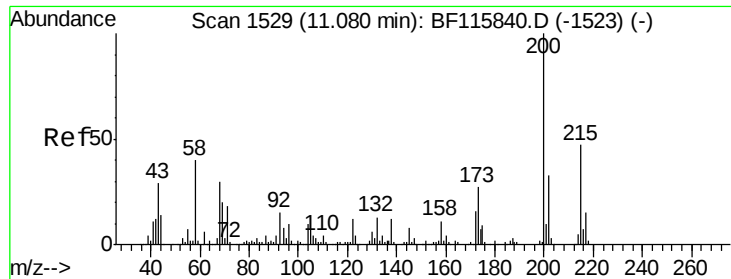
#68
Hexachlorobenzene
Concen: 43.118 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:284 Resp: 274835
Ion Ratio Lower Upper
284 100
142 37.4 28.2 42.2
249 30.7 24.0 36.0



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





#69

Atrazine

Concen: 44.443 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

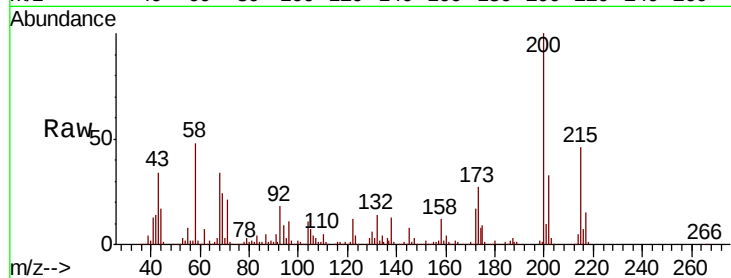
Tgt Ion:200 Resp: 226605

Ion Ratio Lower Upper

200 100

173 27.2 7.3 47.3

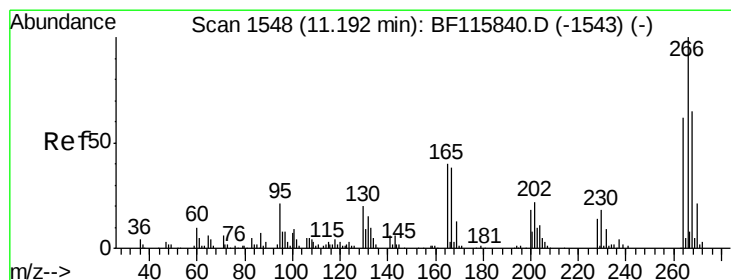
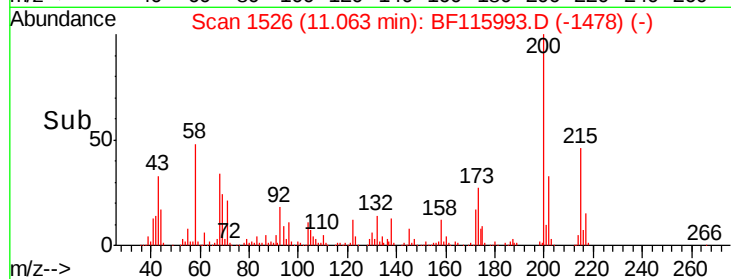
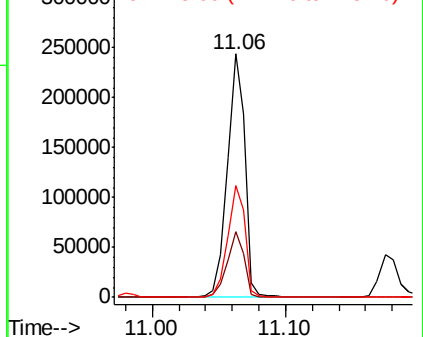
215 45.9 26.9 66.9



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: 87.408 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

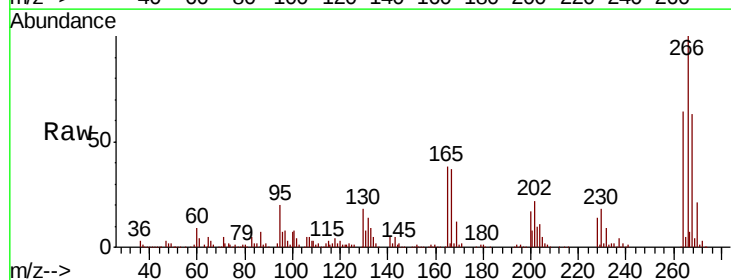
Tgt Ion:266 Resp: 270489

Ion Ratio Lower Upper

266 100

268 63.2 51.6 77.4

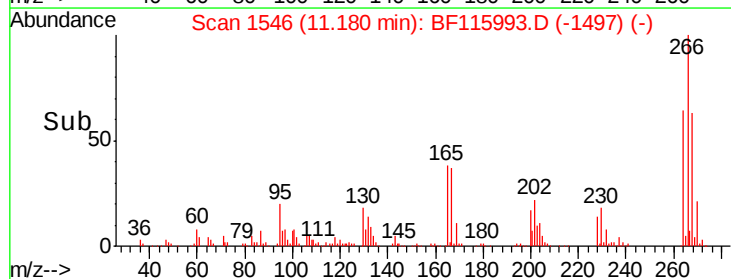
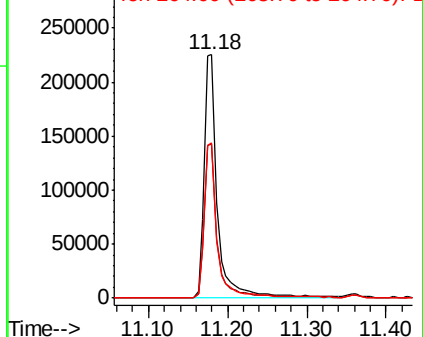
264 63.8 49.4 74.0

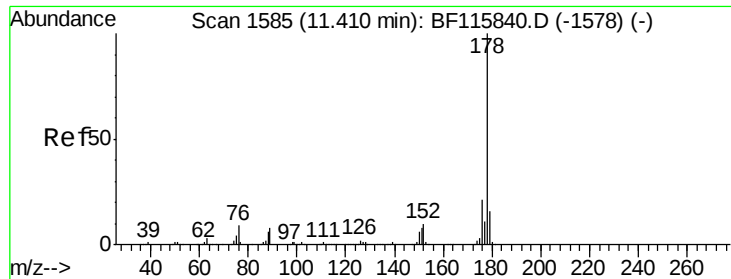


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

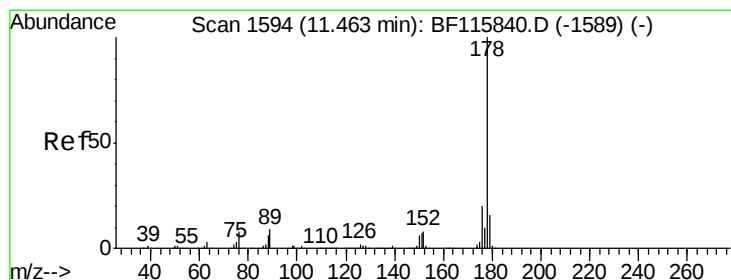
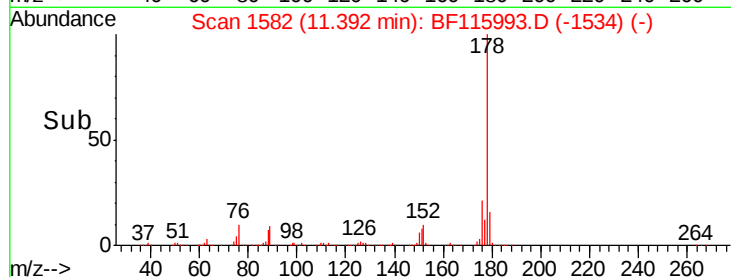
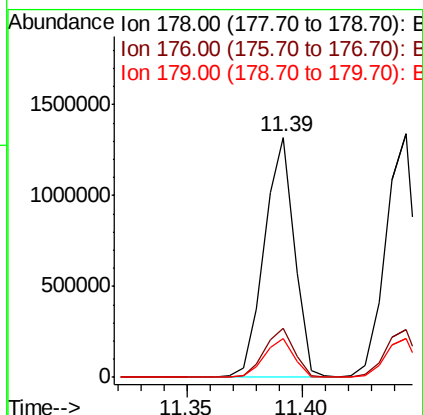
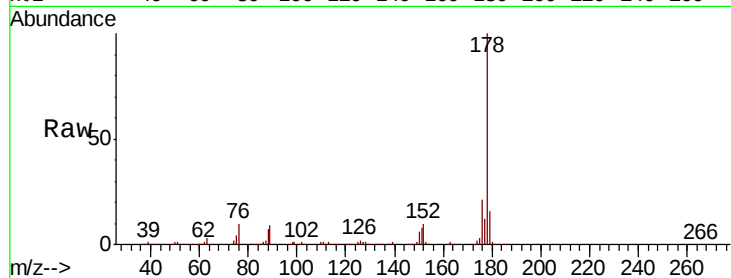




#71
Phenanthrene
Concen: 45.531 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

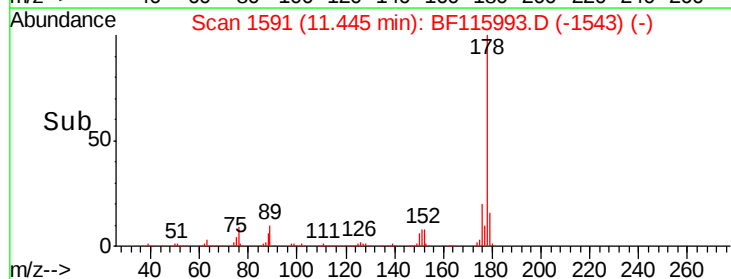
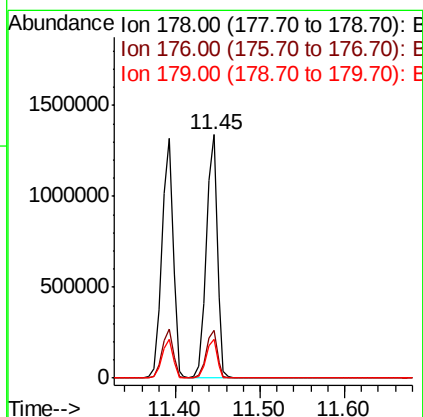
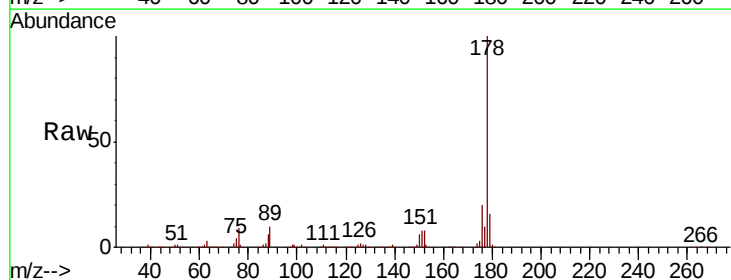
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion:178 Resp: 1198558
Ion Ratio Lower Upper
178 100
176 20.6 16.5 24.7
179 16.1 12.6 18.8



#72
Anthracene
Concen: 45.469 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:178 Resp: 1211332
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.0 12.4 18.6

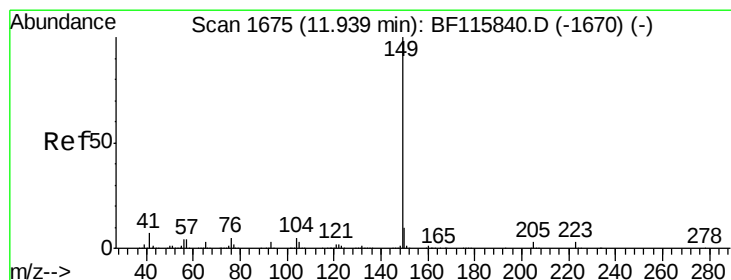
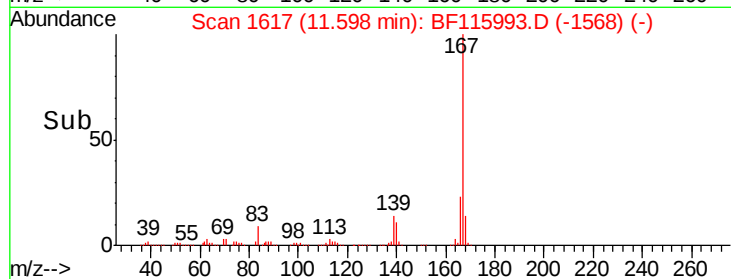
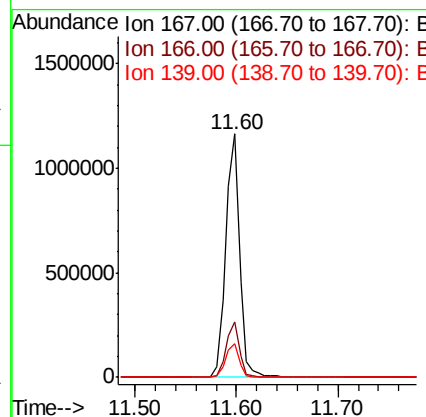
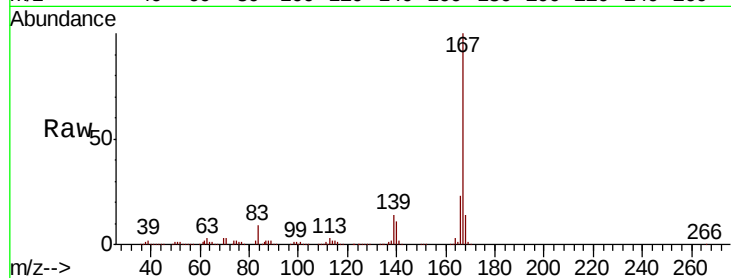




#73
 Carbazole
 Concen: 45.554 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

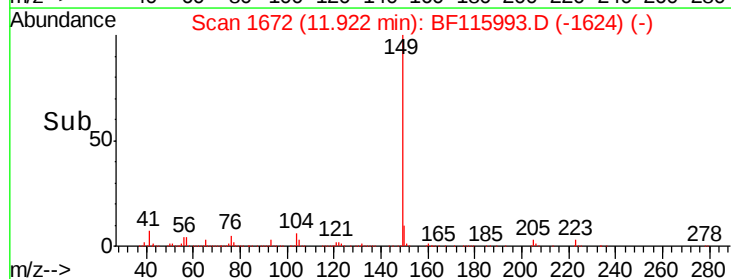
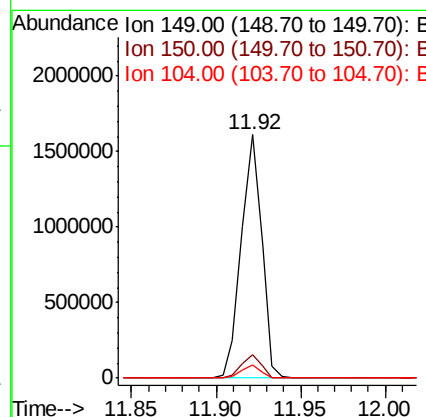
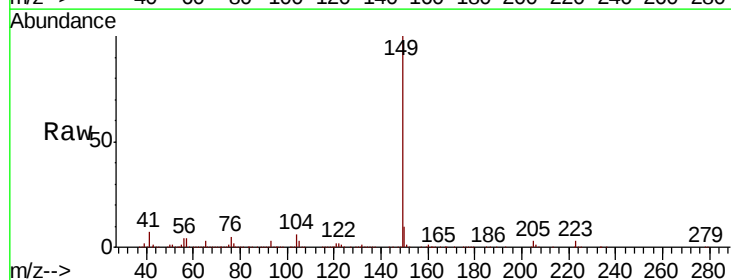
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

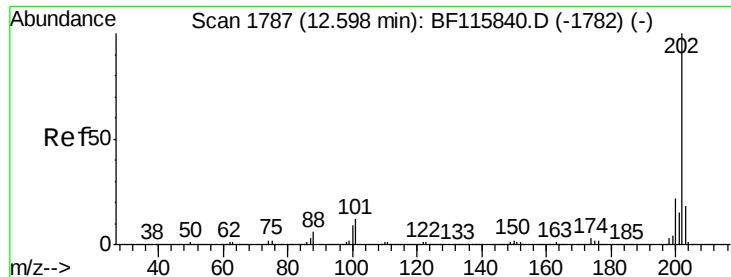
Tgt Ion:167 Resp: 1101033
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.0 27.0
 139 13.8 11.4 17.2



#74
 Di-n-butylphthalate
 Concen: 48.394 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion:149 Resp: 1364495
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 5.5 4.3 6.5

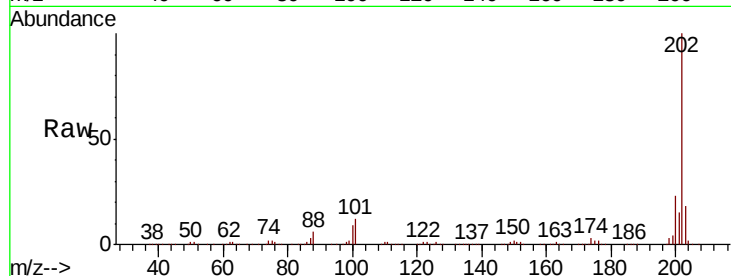




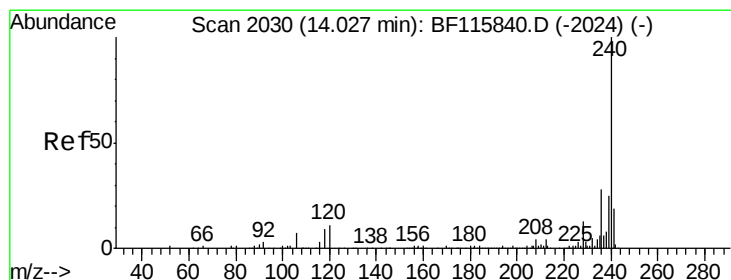
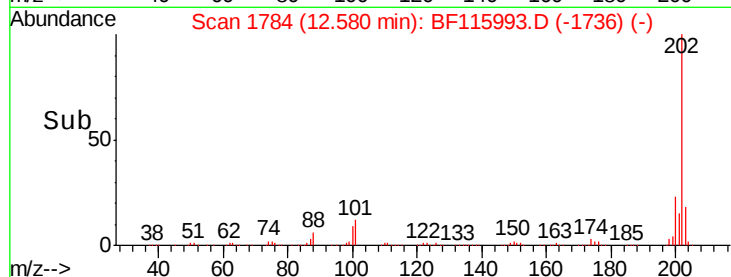
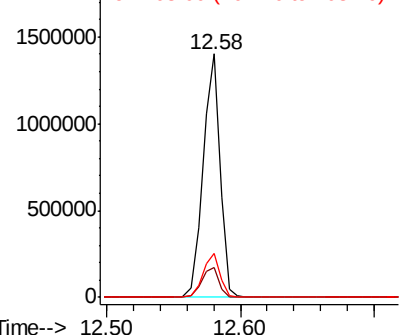
#75
 Fluoranthene
 Concen: 45.761 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

Tgt Ion: 202 Resp: 1261099
 Ion Ratio Lower Upper
 202 100
 101 12.4 0.0 31.5
 203 18.2 0.0 37.9

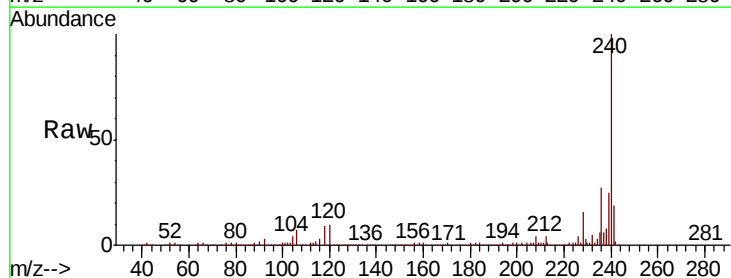


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

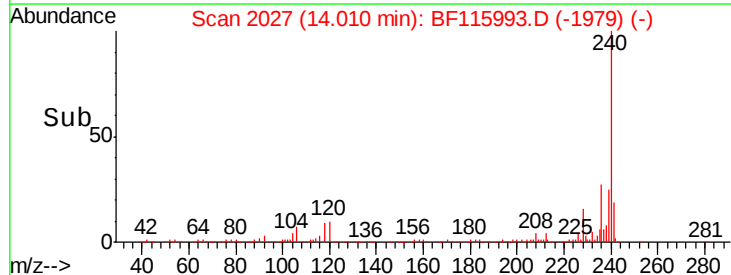
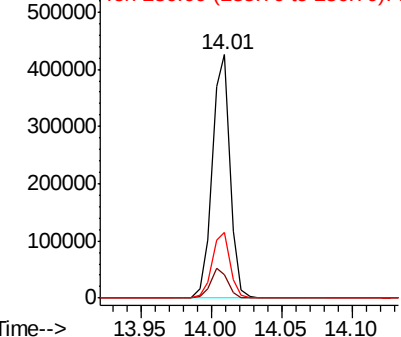


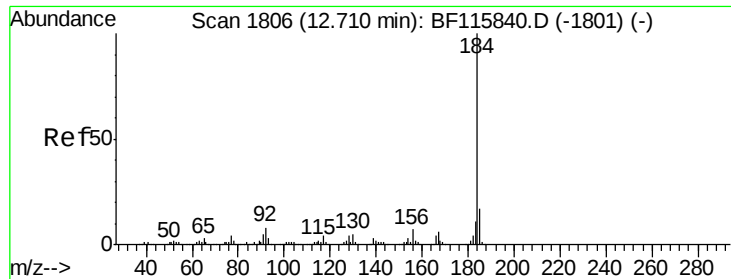
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion: 240 Resp: 372522
 Ion Ratio Lower Upper
 240 100
 120 9.8 8.5 12.7
 236 27.2 22.2 33.2



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

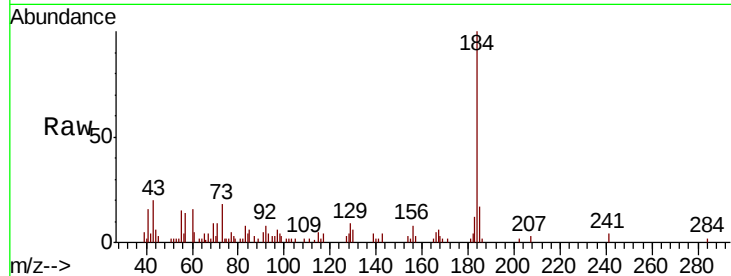




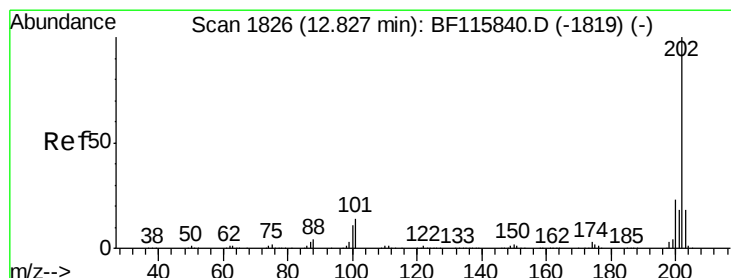
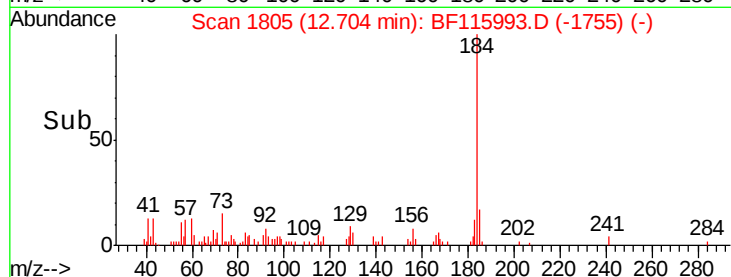
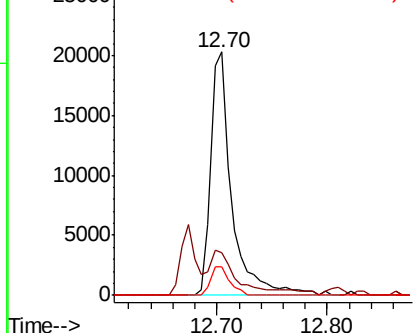
#77
Benzidine
Concen: 2.104 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion:184 Resp: 26482
Ion Ratio Lower Upper
184 100
185 17.5 13.4 20.2
183 11.6 9.1 13.7

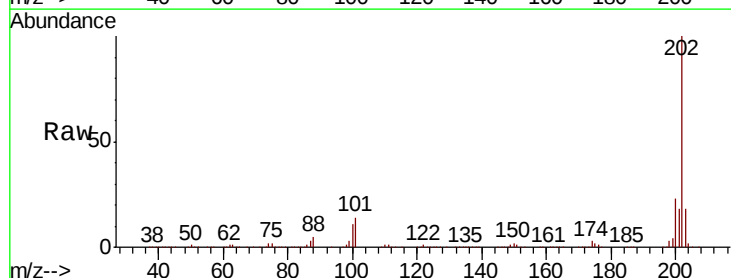


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

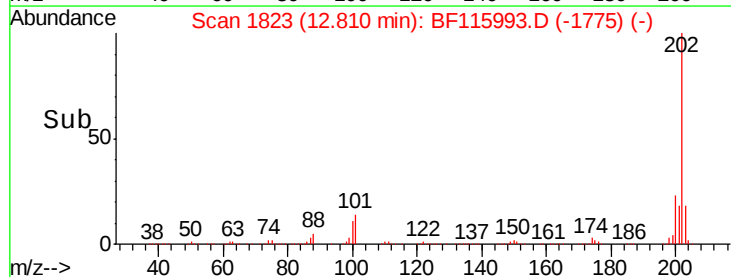
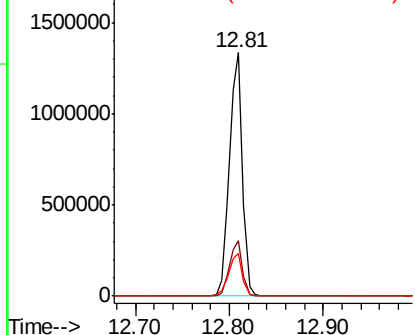


#78
Pyrene
Concen: 45.618 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:202 Resp: 1281006
Ion Ratio Lower Upper
202 100
200 22.6 18.2 27.2
203 17.7 14.3 21.5



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





#79

Terphenyl-d14

Concen: 104.848 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

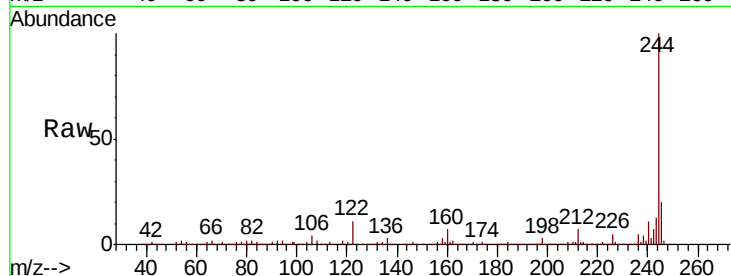
Tgt Ion:244 Resp: 1853595

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

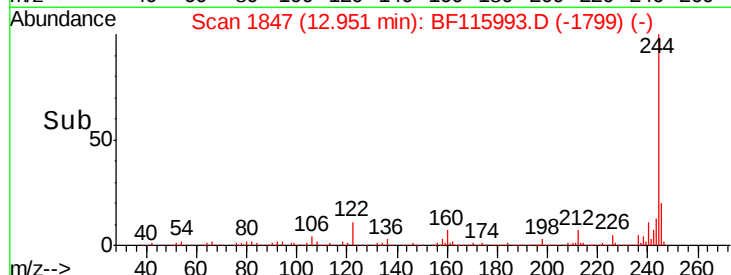
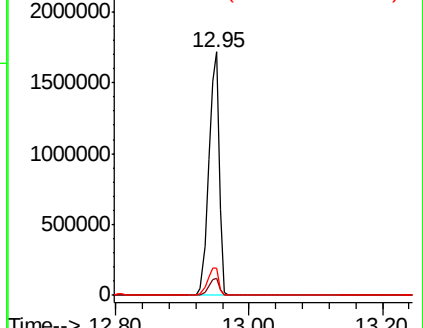
122 11.2 8.6 13.0



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: 50.132 ng

RT: 13.42 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

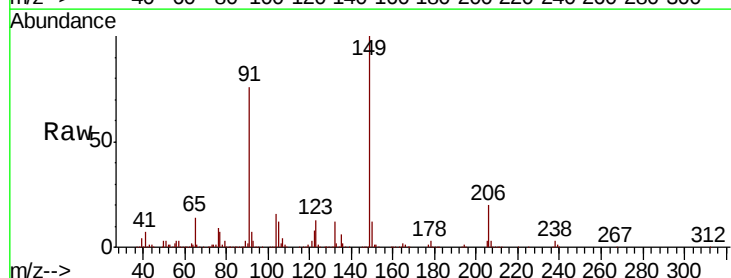
Tgt Ion:149 Resp: 595498

Ion Ratio Lower Upper

149 100

91 75.6 57.0 85.6

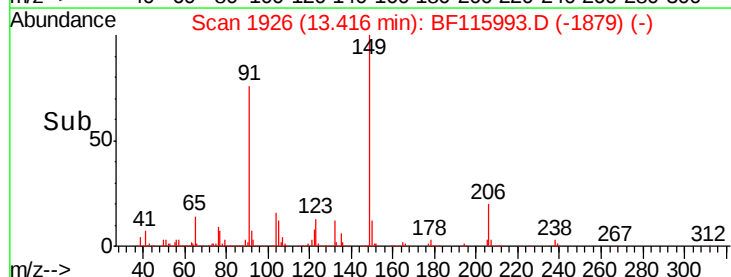
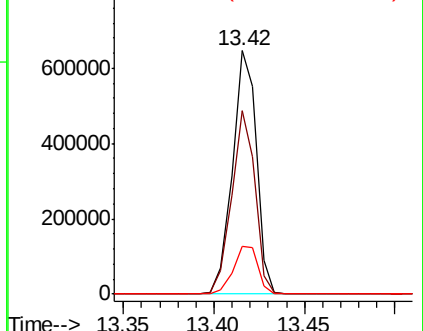
206 19.7 16.9 25.3

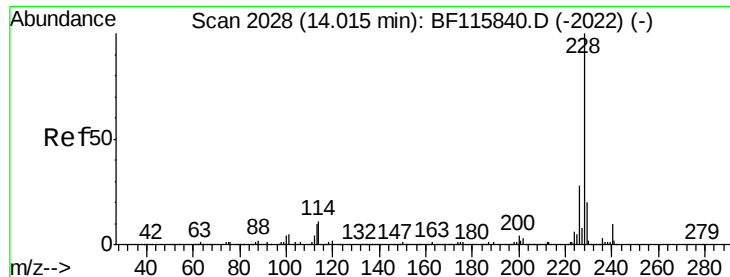


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.378 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

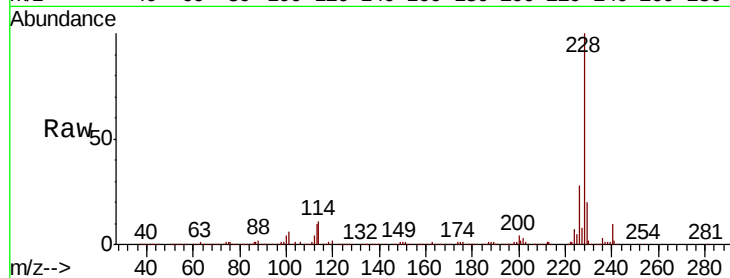
Tgt Ion:228 Resp: 1056653

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

229 20.0 16.1 24.1

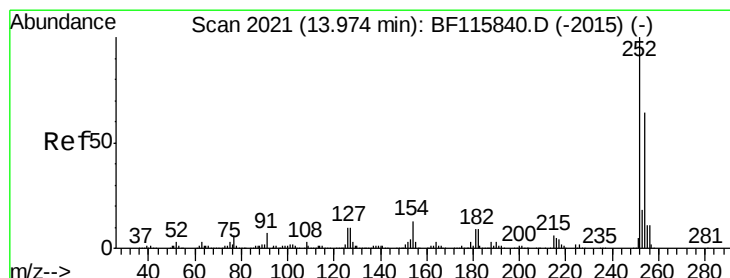
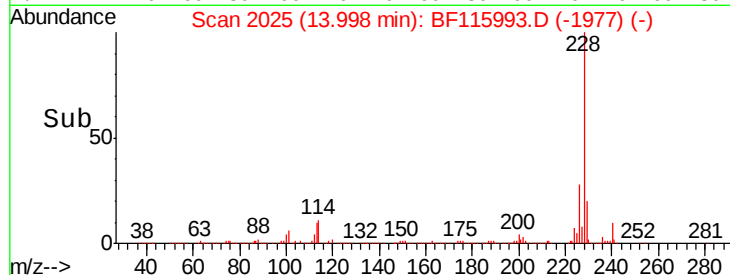
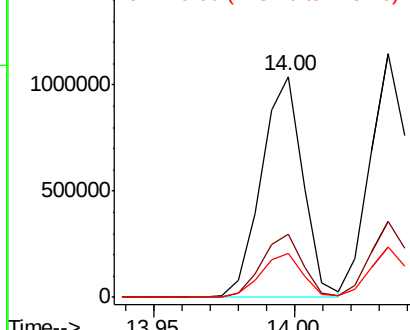


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.094 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

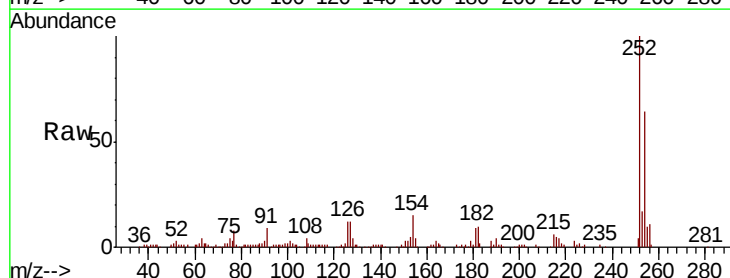
Tgt Ion:252 Resp: 124861

Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

126 12.5 8.1 12.1#

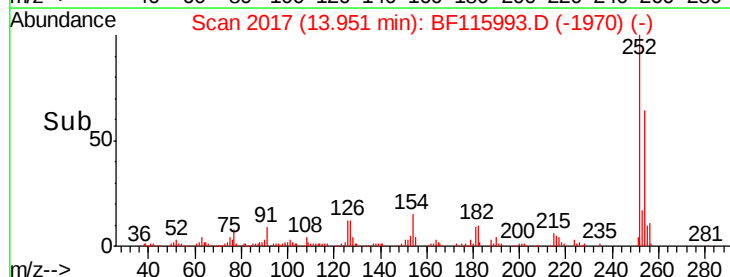
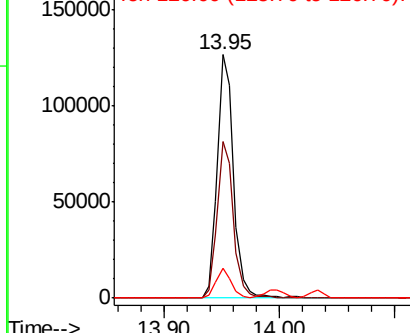


Abundance

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

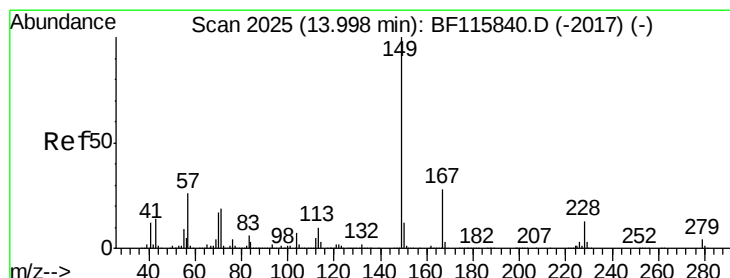
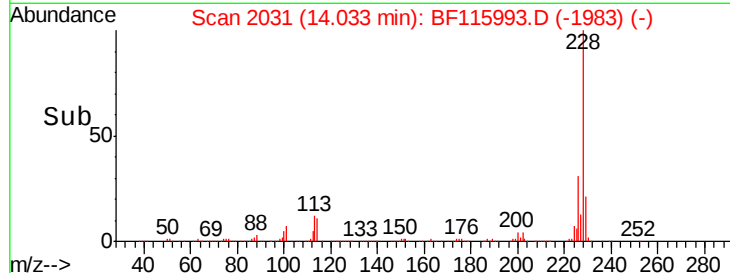
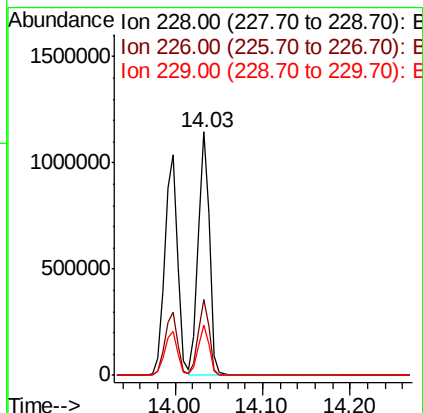
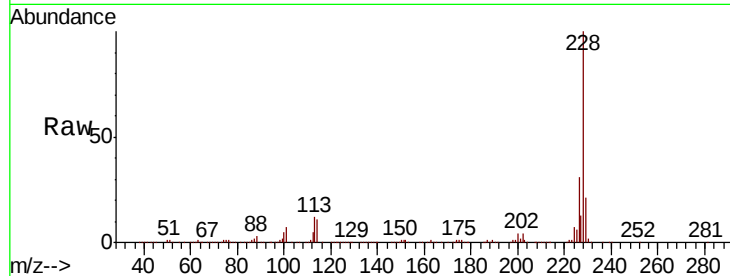




#83
 Chrysene
 Concen: 44.378 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

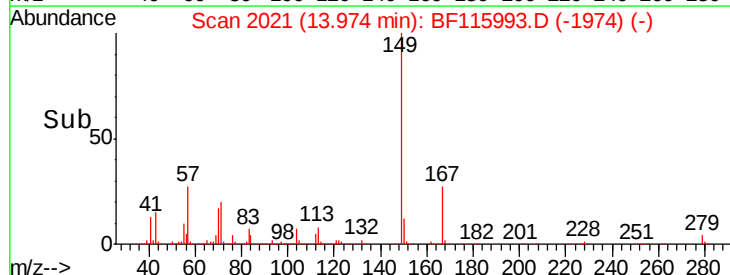
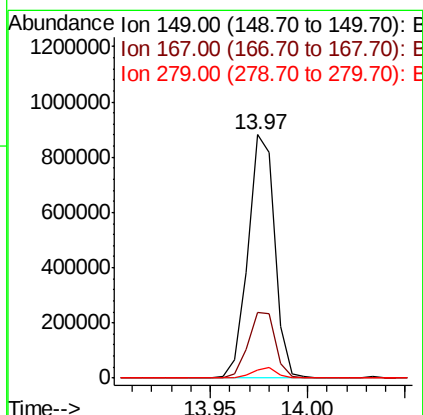
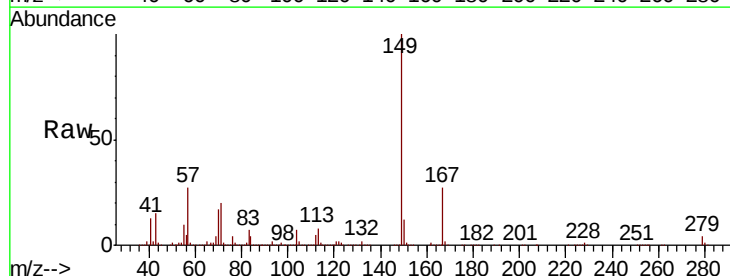
Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080119MSD

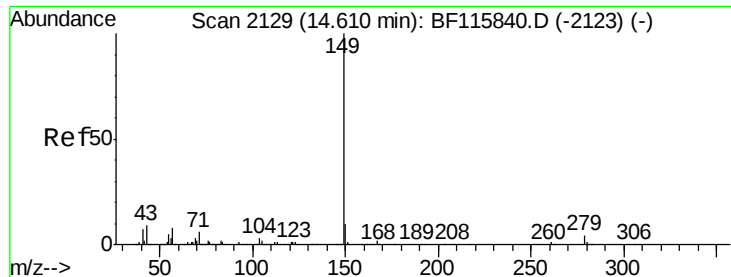
Tgt Ion:228 Resp: 1025856
 Ion Ratio Lower Upper
 228 100
 226 31.3 24.8 37.2
 229 20.7 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.227 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF115993.D
 Acq: 5 Aug 2019 21:21

Tgt Ion:149 Resp: 837051
 Ion Ratio Lower Upper
 149 100
 167 26.9 22.4 33.6
 279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 52.660 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

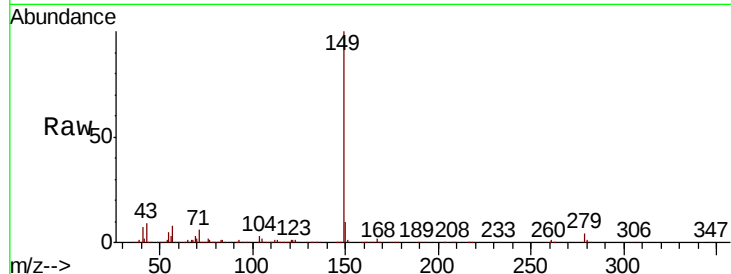
Tgt Ion:149 Resp: 1291106

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

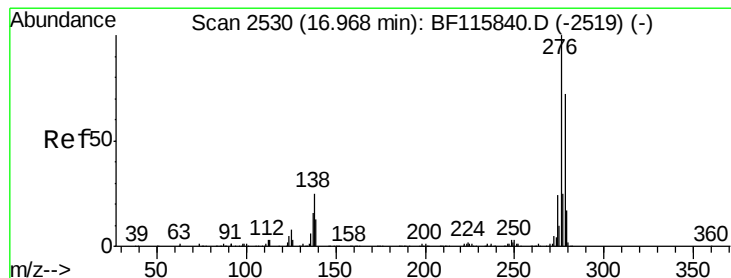
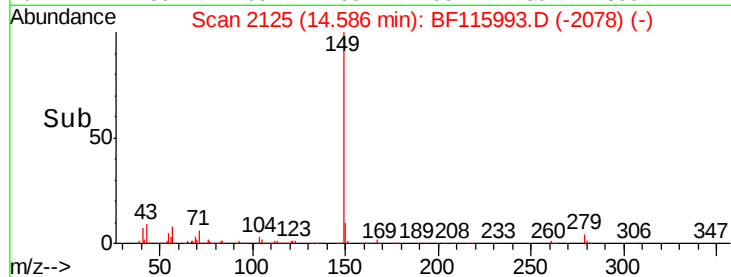
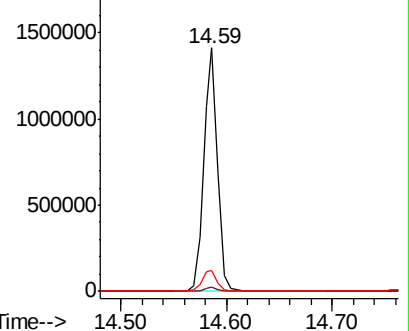
43 9.1 7.4 11.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.789 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.02 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

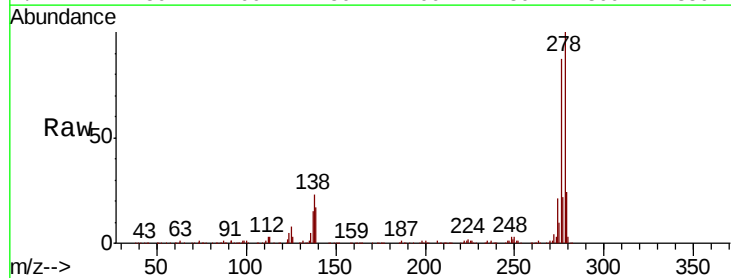
Tgt Ion:276 Resp: 966664

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

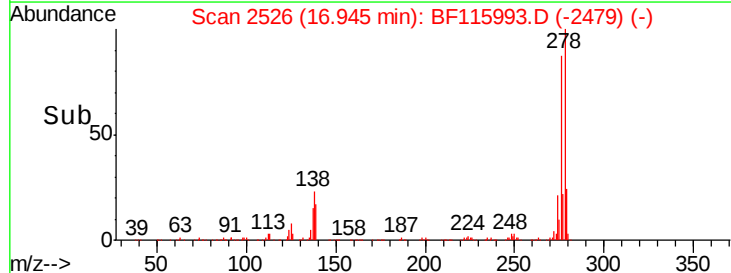
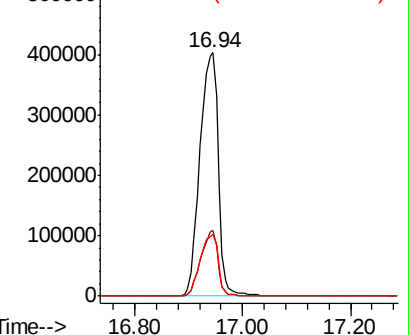
277 25.1 20.1 30.1

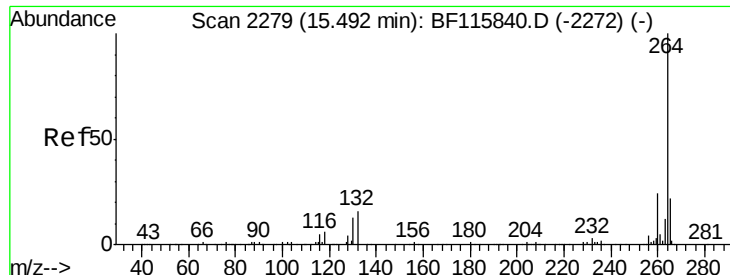


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



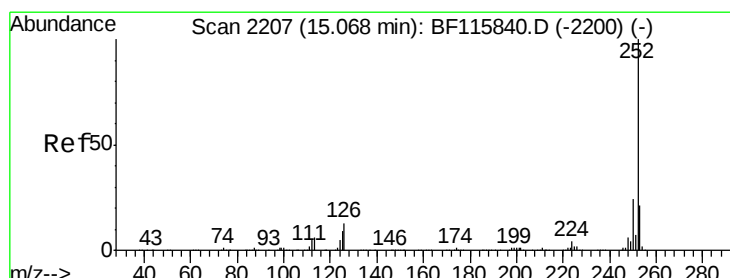
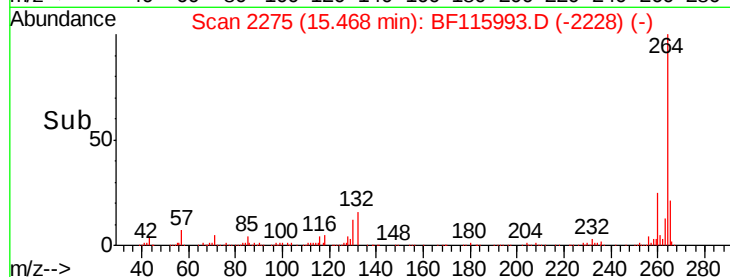
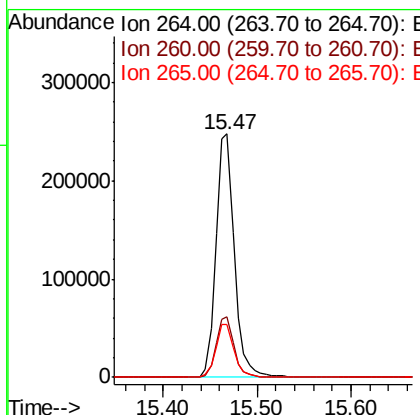
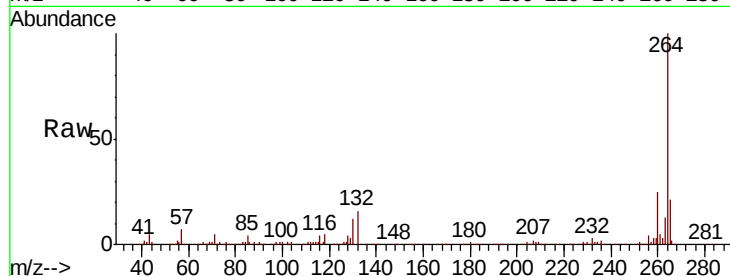


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion: 264 Resp: 339449

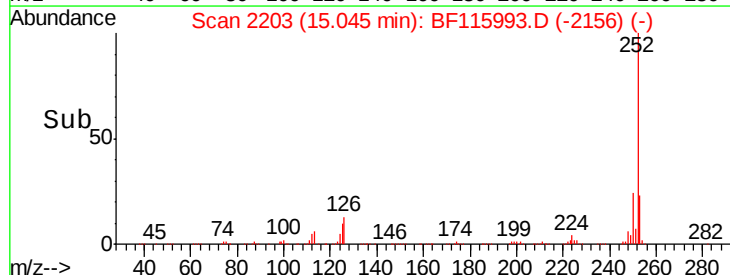
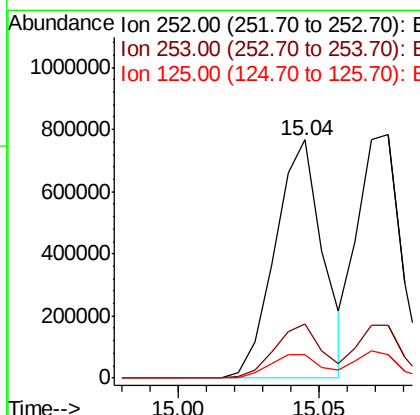
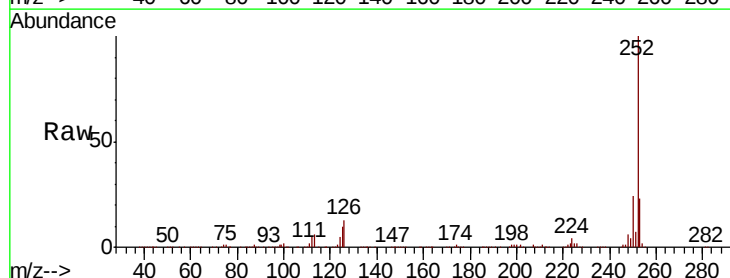
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.4	29.2
265	21.5	17.5	26.3

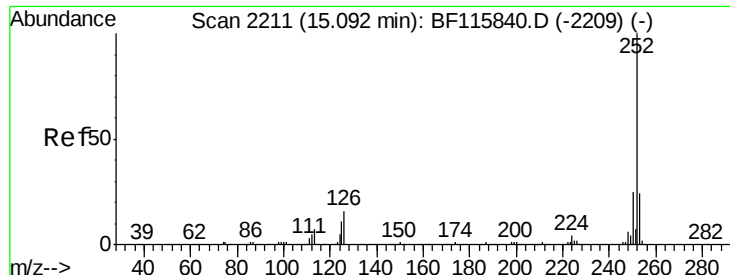


#88
Benzo(b)fluoranthene
Concen: 45.834 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion: 252 Resp: 899599

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	9.9	7.4	11.0

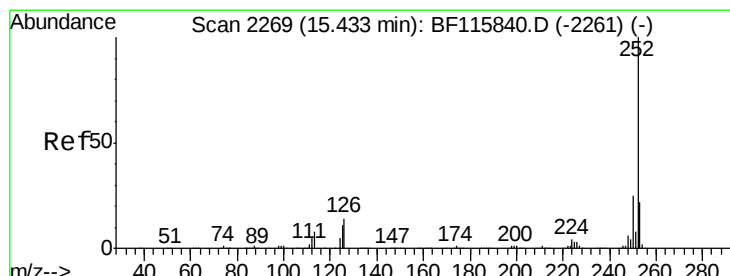
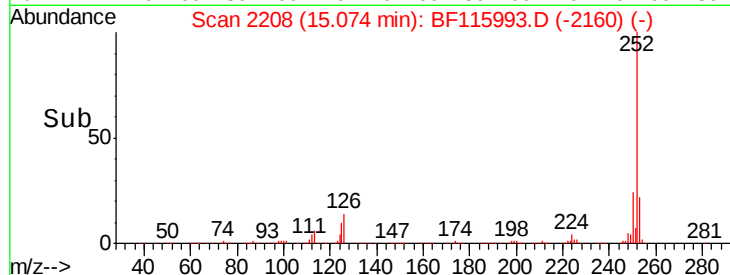
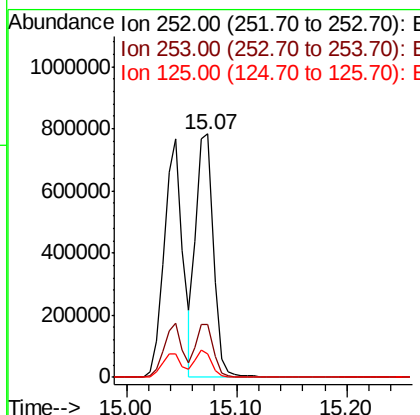
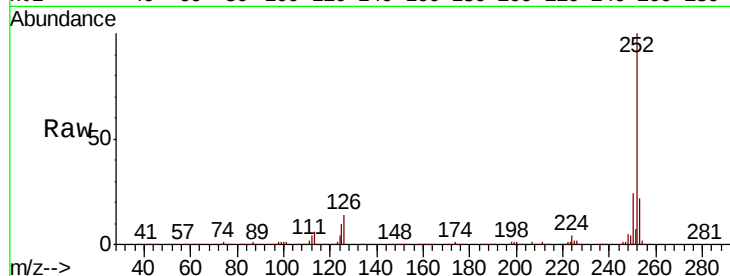




#89
Benzo(k)fluoranthene
Concen: 44.383 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

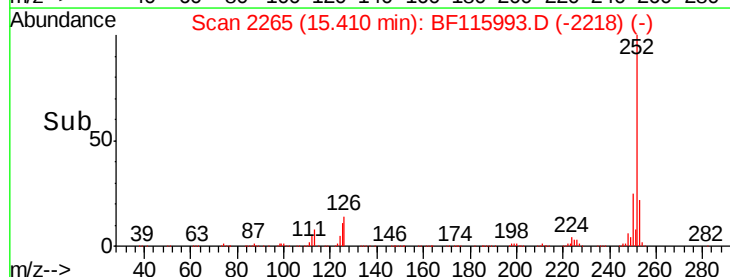
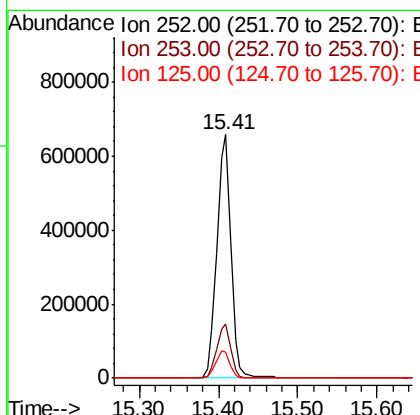
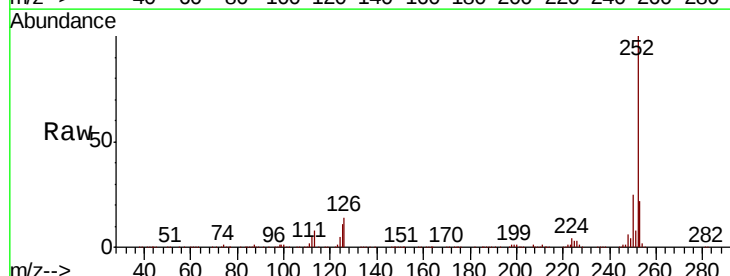
Instrument :
BNA_F
ClientSampleId :
PL-02-080119MSD

Tgt Ion:252 Resp: 848472
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.4
125 9.6 8.9 13.3



#90
Benzo(a)pyrene
Concen: 46.401 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF115993.D
Acq: 5 Aug 2019 21:21

Tgt Ion:252 Resp: 814128
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 52.952 ng

RT: 16.94 min Scan# 2526

Delta R.T. -0.04 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

Instrument :

BNA_F

ClientSampleId :

PL-02-080119MSD

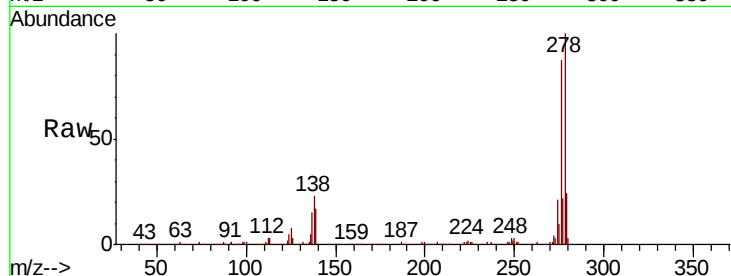
Tgt Ion:278 Resp: 804199

Ion Ratio Lower Upper

278 100

139 17.2 12.6 19.0

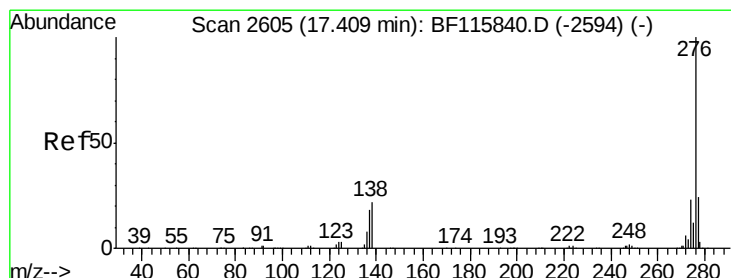
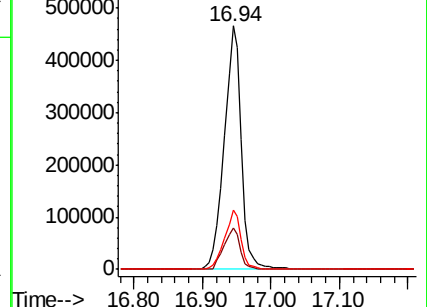
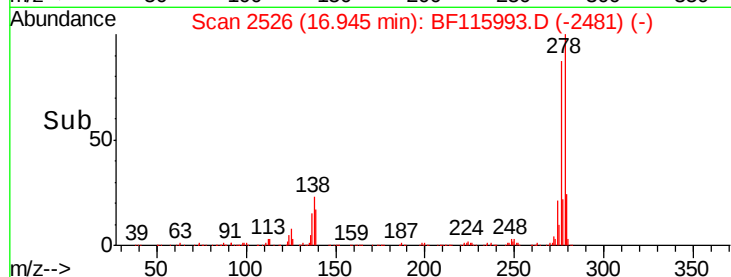
279 24.3 18.8 28.2



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: 55.120 ng

RT: 17.38 min Scan# 2600

Delta R.T. -0.03 min

Lab File: BF115993.D

Acq: 5 Aug 2019 21:21

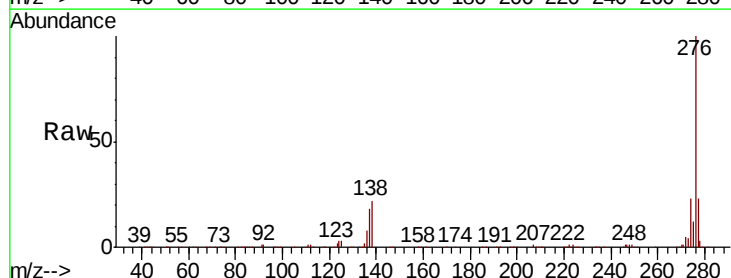
Tgt Ion:276 Resp: 822144

Ion Ratio Lower Upper

276 100

277 23.3 19.5 29.3

138 21.7 17.8 26.8



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

