

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115935.D
 Acq On : 2 Aug 2019 10:00
 Operator : HP/JU
 Sample : PB121887BS
 Misc : LOO-WATER-10PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BS

Quant Time: Aug 02 16:41:47 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	138755	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	572841	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	294547	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	567562	20.00	ng	0.00
76) Chrysene-d12	14.03	240	411870	20.00	ng	0.00
87) Perylene-d12	15.50	264	264085	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	730725	88.16	ng	0.02
7) Phenol-d6	6.49	99	922725	88.24	ng	0.00
23) Nitrobenzene-d5	7.42	82	845692	85.22	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	265774	93.07	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1494747	95.05	ng	0.00
79) Terphenyl-d14	12.97	244	1664494	85.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	159409	38.070	ng	100
3) Pyridine	3.46	79	368173	31.476	ng	98
4) n-Nitrosodimethylamine	3.40	42	184602	39.992	ng	98
6) Aniline	6.52	93	372948	24.903	ng	95
8) 2-Chlorophenol	6.65	128	408039	44.519	ng	97
9) Benzaldehyde	6.40	77	46965	6.509	ng	99
10) Phenol	6.50	94	521858	42.377	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	389407	43.010	ng	99
12) 1,3-Dichlorobenzene	6.79	146	415252	39.203	ng	97
13) 1,4-Dichlorobenzene	6.87	146	423314	39.913	ng	99
14) 1,2-Dichlorobenzene	7.03	146	398222	40.777	ng	98
15) Benzyl Alcohol	7.00	79	357948	45.104	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	518845	42.014	ng	94
17) 2-Methylphenol	7.11	107	350089	45.110	ng	99
18) Hexachloroethane	7.36	117	155769	39.891	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	279209	43.086	ng	100
20) 3+4-Methylphenols	7.26	107	416016	45.298	ng	# 88
22) Acetophenone	7.26	105	557710	44.392	ng	98
24) Nitrobenzene	7.43	77	451356	42.122	ng	99
25) Isophorone	7.67	82	820969	43.263	ng	100
26) 2-Nitrophenol	7.75	139	226375	44.817	ng	99
27) 2,4-Dimethylphenol	7.79	122	368108	48.439	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	507616	43.158	ng	99
29) 2,4-Dichlorophenol	8.00	162	358803	44.717	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	378699	41.404	ng	98
31) Naphthalene	8.16	128	1173471	43.532	ng	100
32) Benzoic acid	7.94	122	257717	48.102	ng	98
33) 4-Chloroaniline	8.20	127	343496	28.519	ng	99
34) Hexachlorobutadiene	8.27	225	214217	40.661	ng	99
35) Caprolactam	8.59	113	78479	30.241	ng	97
36) 4-Chloro-3-methylphenol	8.70	107	378808	45.381	ng	97
37) 2-Methylnaphthalene	8.85	142	790273	44.514	ng	99
38) 1-Methylnaphthalene	8.95	142	744770	44.344	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	363092	46.110	ng	100

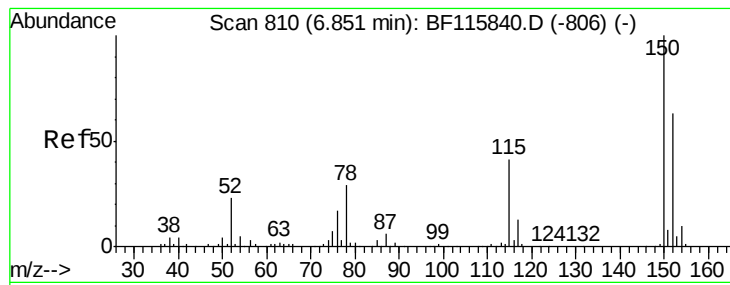
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	173299	51.316	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	243258	44.881	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	258370	46.115	ng	98
46) 1,1'-Biphenyl	9.32	154	974671	46.871	ng	100
47) 2-Chloronaphthalene	9.35	162	759779	43.899	ng	100
48) 2-Nitroaniline	9.44	65	244524	42.743	ng	91
49) Acenaphthylene	9.76	152	1158864	45.896	ng	100
50) Dimethylphthalate	9.62	163	896691	44.711	ng	99
51) 2,6-Dinitrotoluene	9.68	165	201093	46.139	ng	89
52) Acenaphthene	9.93	154	690660	44.586	ng	100
53) 3-Nitroaniline	9.85	138	192052	35.662	ng	90
54) 2,4-Dinitrophenol	9.97	184	189272	84.858	ng	93
55) Dibenzofuran	10.10	168	1035014	45.945	ng	97
56) 4-Nitrophenol	10.03	139	311446	90.278	ng	96
57) 2,4-Dinitrotoluene	10.09	165	261234	45.018	ng	95
58) Fluorene	10.45	166	798230	46.056	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	221744	47.043	ng	99
60) Diethylphthalate	10.32	149	859005	45.877	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	399026	45.459	ng	98
62) 4-Nitroaniline	10.47	138	225786	40.569	ng	99
63) Azobenzene	10.60	77	892917	46.364	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	132365	44.009	ng	95
66) n-Nitrosodiphenylamine	10.56	169	714364	41.817	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	249593	41.080	ng	92
68) Hexachlorobenzene	11.00	284	277279	39.467	ng	93
69) Atrazine	11.08	200	208774	37.148	ng	98
70) Pentachlorophenol	11.20	266	286724	84.061	ng	99
71) Phenanthrene	11.41	178	1192414	41.096	ng	100
72) Anthracene	11.46	178	1221073	41.583	ng	98
73) Carbazole	11.62	167	1120176	42.047	ng	100
74) Di-n-butylphthalate	11.94	149	1360326	43.772	ng	99
75) Fluoranthene	12.60	202	1280290	42.148	ng	98
77) Benzidine	12.72	184	204803	14.718	ng	97
78) Pyrene	12.83	202	1314743	42.346	ng	100
80) Butylbenzylphthalate	13.44	149	590264	44.945	ng	100
81) Benzo(a)anthracene	14.02	228	1114272	42.327	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	333861	36.504	ng	99
83) Chrysene	14.06	228	1090412	42.665	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	822124	48.172	ng	100
85) Di-n-octyl phthalate	14.61	149	1307899	48.248	ng	100
86) Indeno(1,2,3-cd)pyrene	16.99	276	892667	41.586	ng	98
88) Benzo(b)fluoranthene	15.10	252	908676	59.508	ng	98
89) Benzo(k)fluoranthene	15.10	252	908676	61.096	ng	98
90) Benzo(a)pyrene	15.44	252	894771	65.551	ng	98
91) Dibenzo(a,h)anthracene	16.99	278	768124	65.010	ng	99
92) Benzo(g,h,i)perylene	17.43	276	743154	64.043	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# 810

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

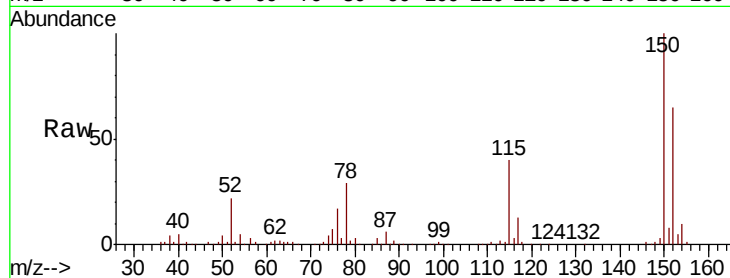
Tot Ion:152 Resp: 138755

Ion Ratio Lower Upper

152 100

150 154.9 127.4 191.0

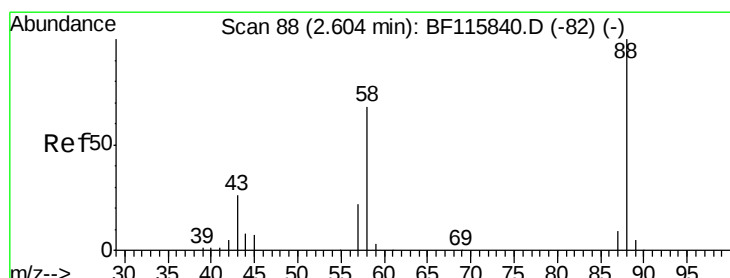
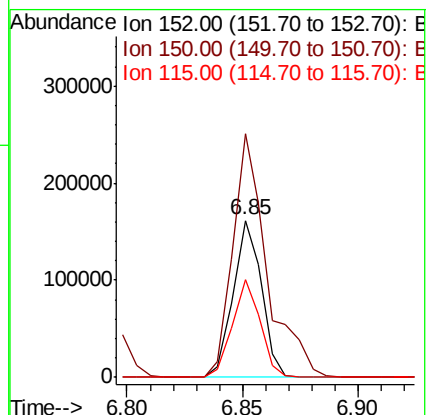
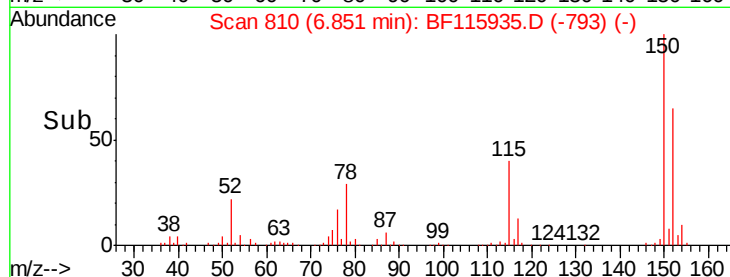
115 61.9 51.8 77.8



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: 38.070 ng

RT: 2.71 min Scan# 106

Delta R.T. 0.11 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

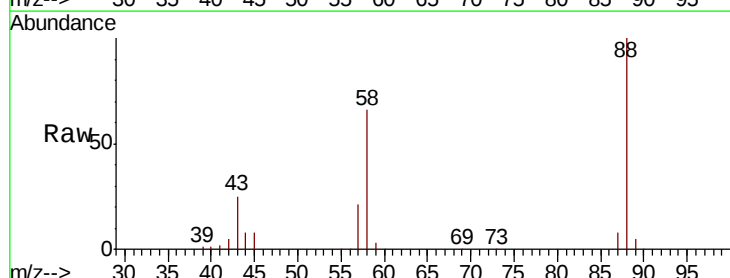
Tgt Ion: 88 Resp: 159409

Ion Ratio Lower Upper

88 100

58 67.7 54.1 81.1

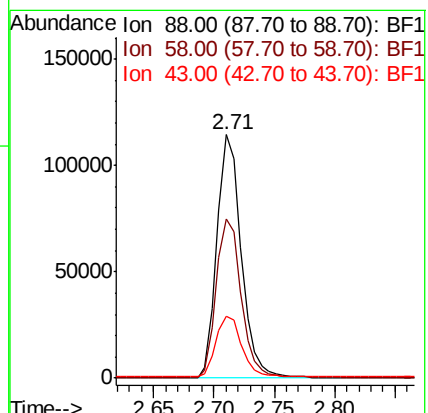
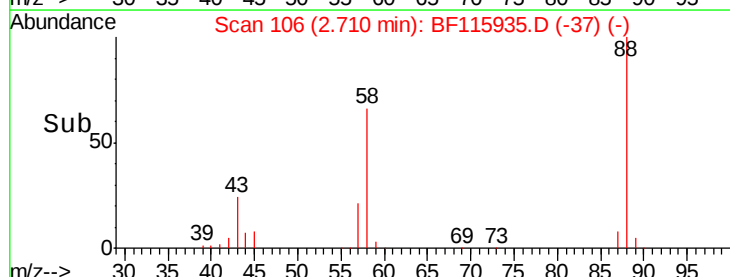
43 26.3 20.7 31.1

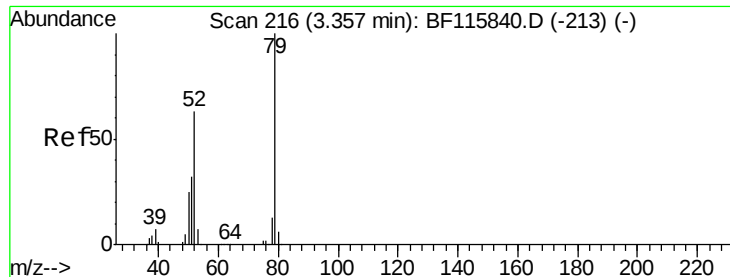


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.476 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.10 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

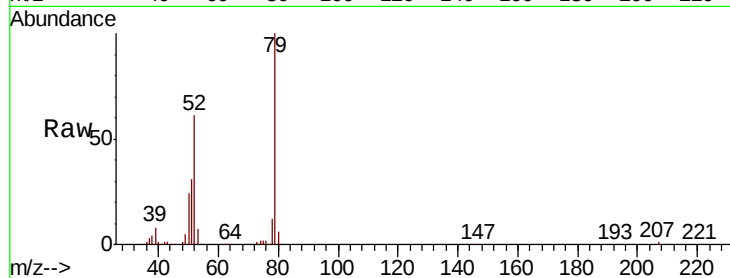
Tot Ion: 79 Resp: 368173

Ion Ratio Lower Upper

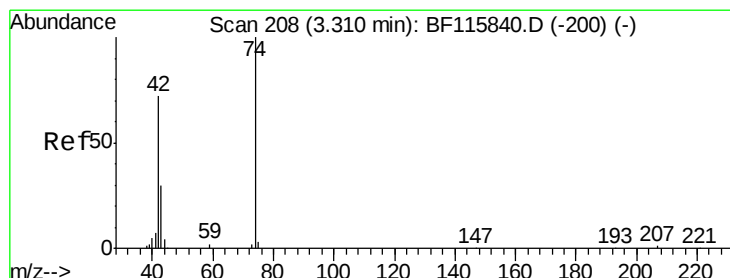
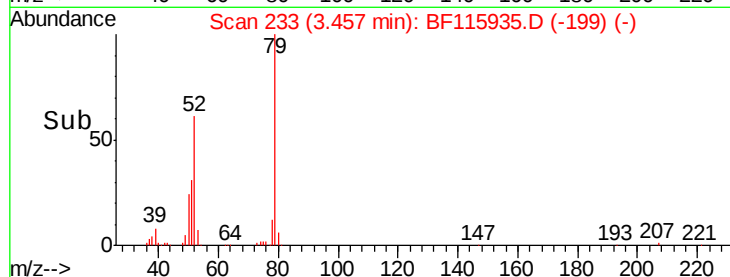
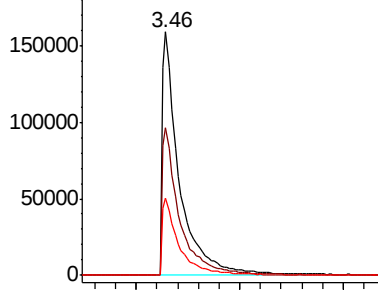
79 100

52 60.8 50.2 75.4

51 31.5 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



#4

n-Nitrosodimethylamine

Concen: 39.992 ng

RT: 3.40 min Scan# 224

Delta R.T. 0.09 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

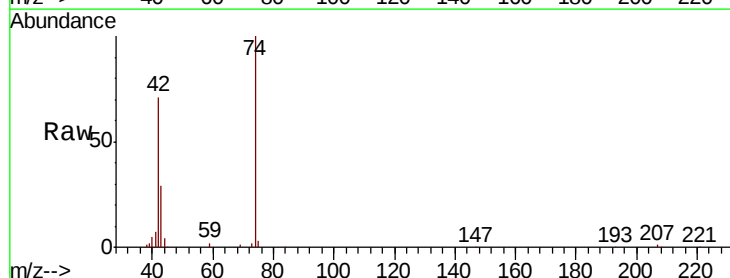
Tgt Ion: 42 Resp: 184602

Ion Ratio Lower Upper

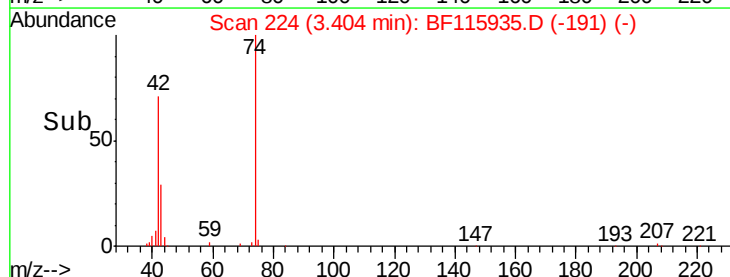
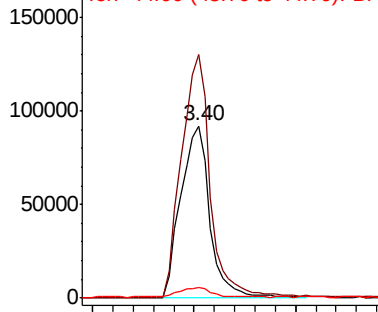
42 100

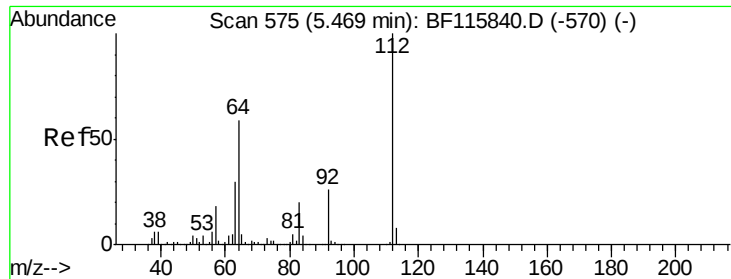
74 141.5 111.0 166.4

44 6.3 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





#5

2-Fluorophenol

Concen: 88.161 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleID :

PB121887BS

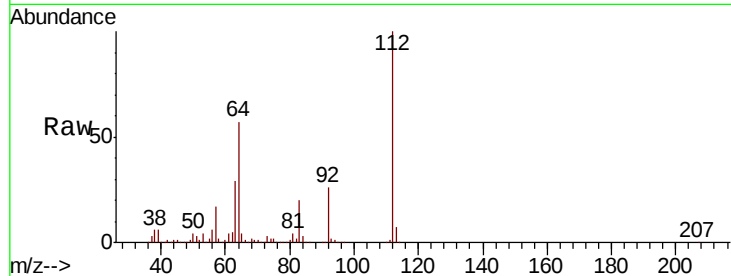
Tot Ion:112 Resp: 730725

Ion Ratio Lower Upper

112 100

64 57.0 46.8 70.2

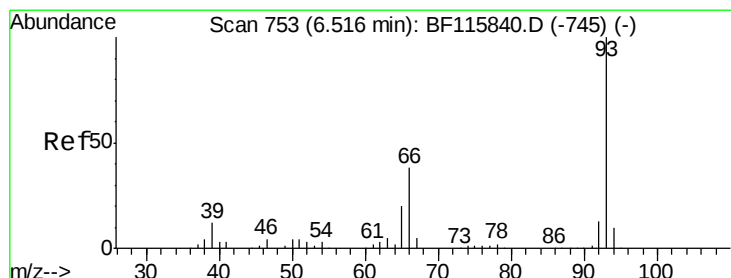
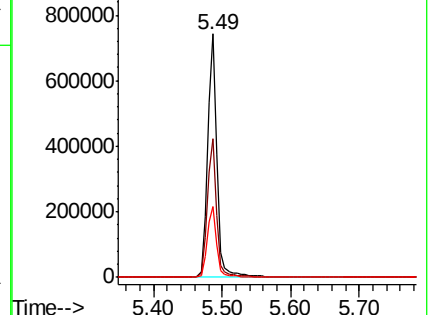
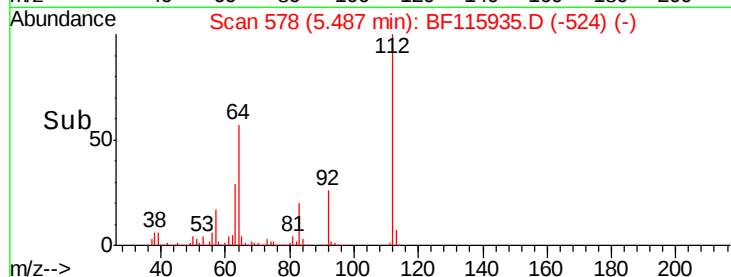
63 29.3 24.2 36.2



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: 24.903 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

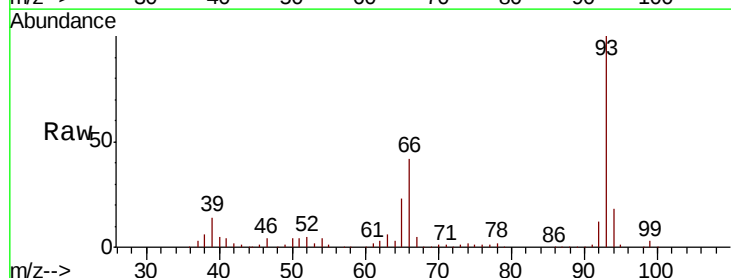
Tgt Ion: 93 Resp: 372948

Ion Ratio Lower Upper

93 100

66 42.3 31.4 47.0

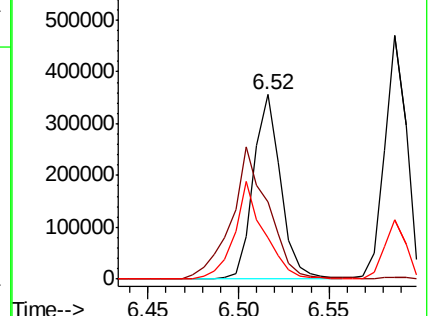
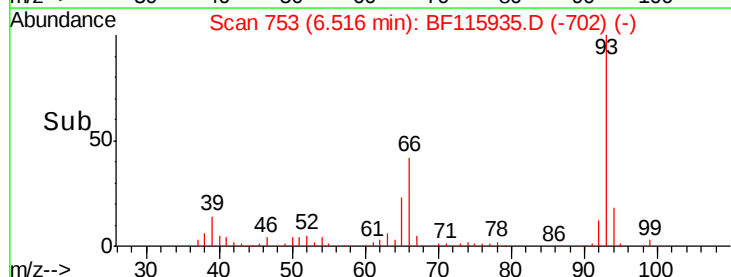
65 22.5 16.5 24.7



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: 88.236 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

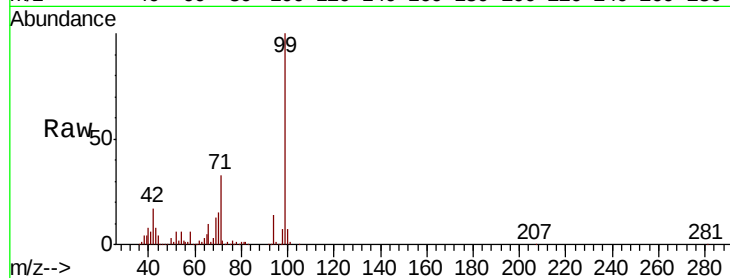
BNA_F

ClientSampleId :

PB121887BS

Tot Ion: 99 Resp: 922725

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	32.9	27.1	40.7

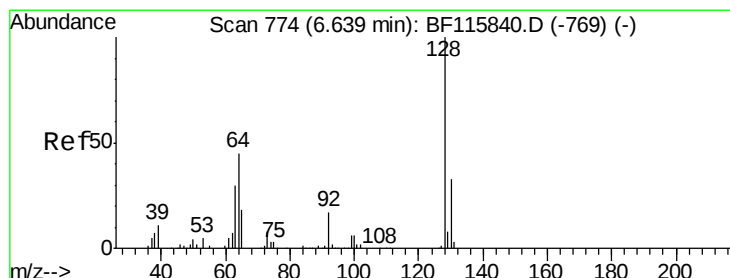
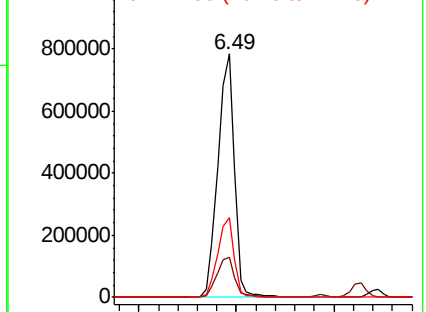
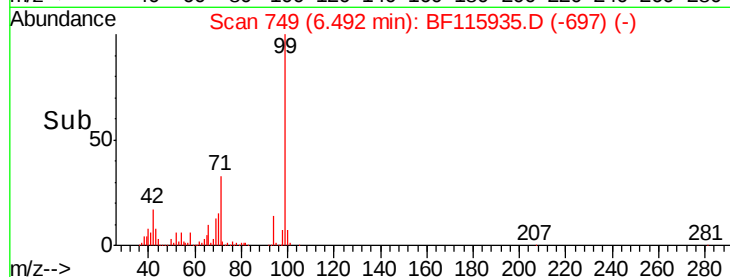


Abundance

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: 44.519 ng

RT: 6.65 min Scan# 775

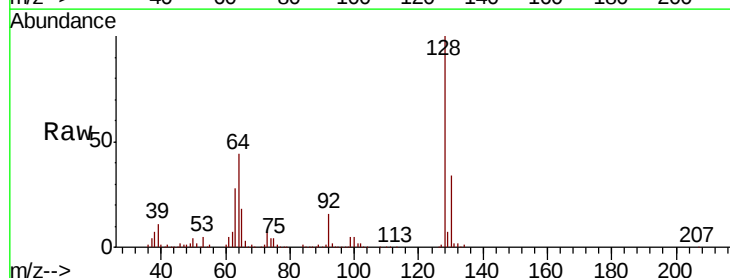
Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Tgt Ion: 128 Resp: 408039

Ion	Ratio	Lower	Upper
128	100		
130	33.7	12.9	52.9
64	43.8	26.1	66.1

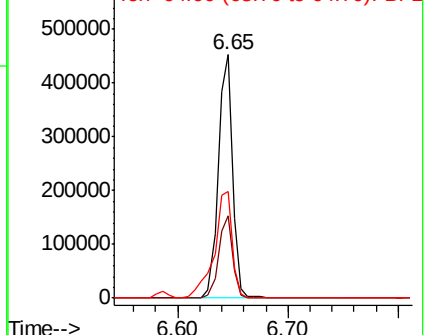
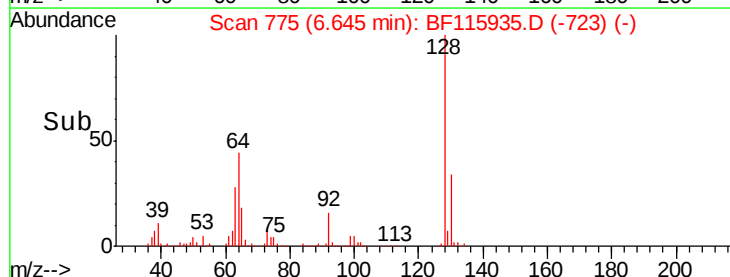


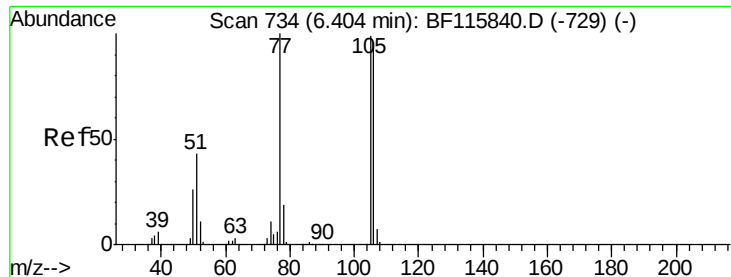
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 6.509 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

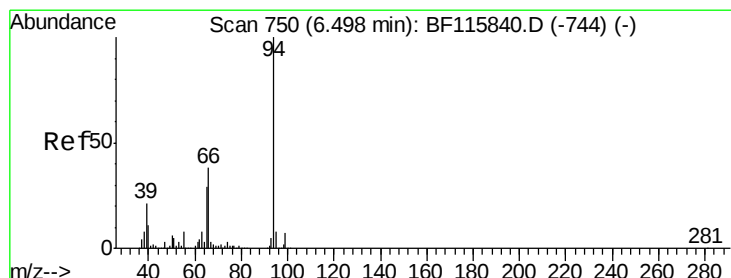
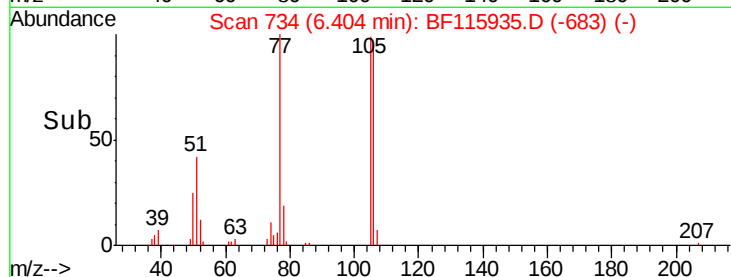
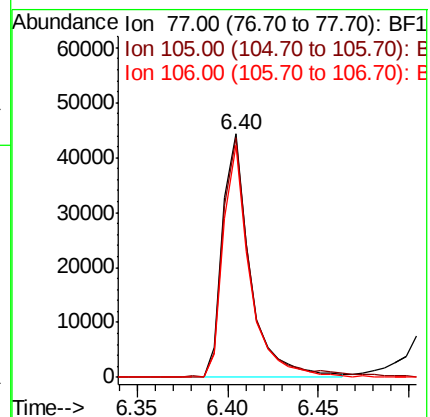
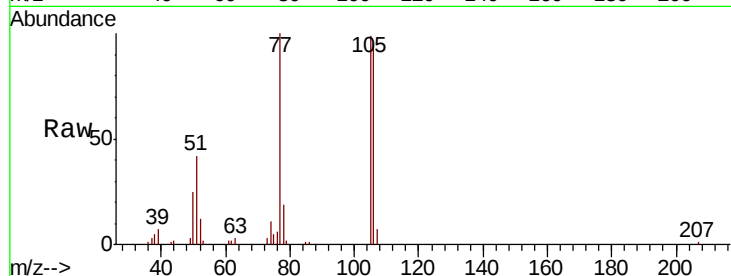
Tot Ion: 77 Resp: 46965

Ion Ratio Lower Upper

77 100

105 98.6 79.0 119.0

106 95.3 76.2 116.2



#10

Phenol

Concen: 42.377 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

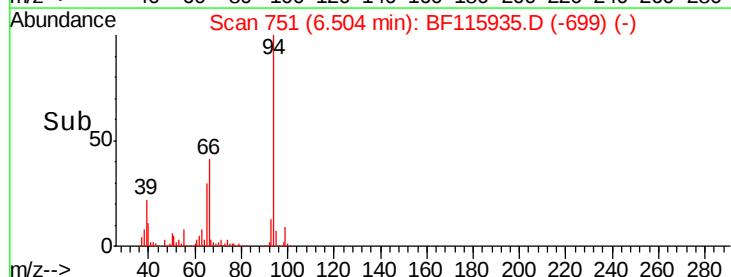
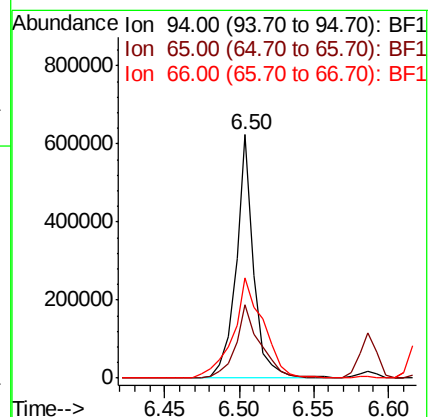
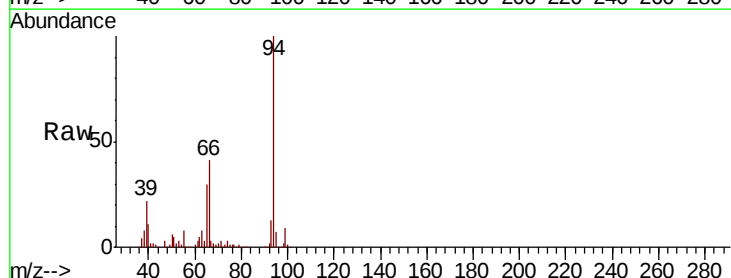
Tgt Ion: 94 Resp: 521858

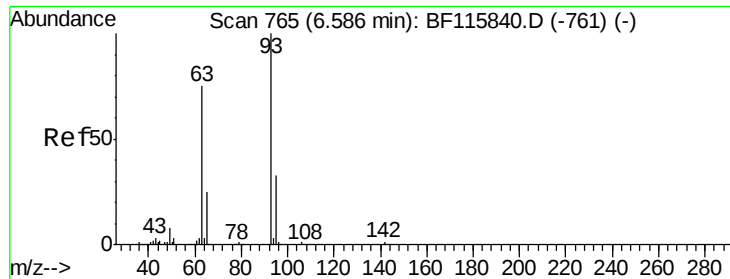
Ion Ratio Lower Upper

94 100

65 30.4 8.9 48.9

66 41.1 18.0 58.0

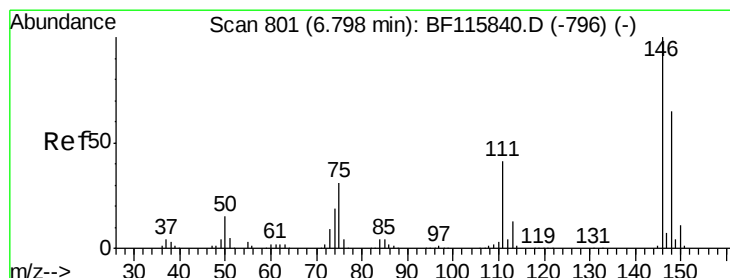
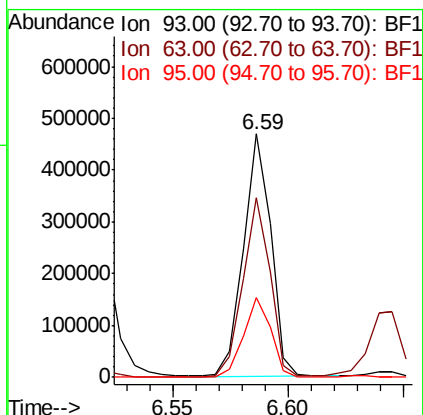
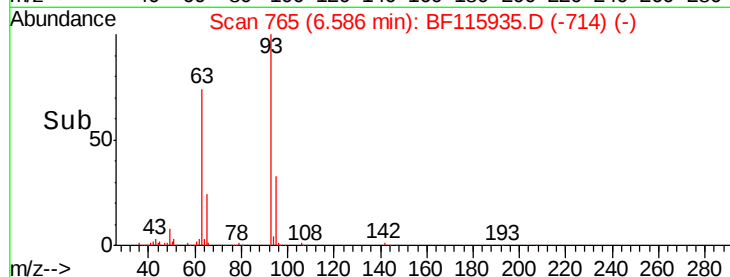
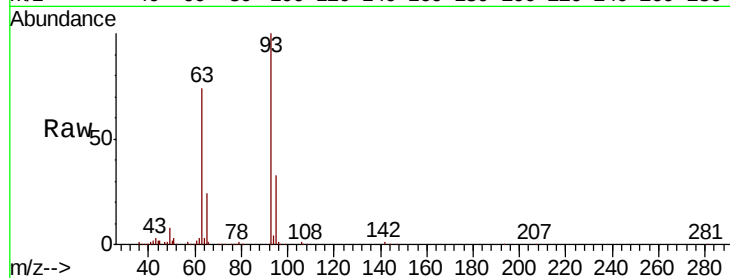




#11
bis(2-Chloroethyl)ether
Concen: 43.010 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

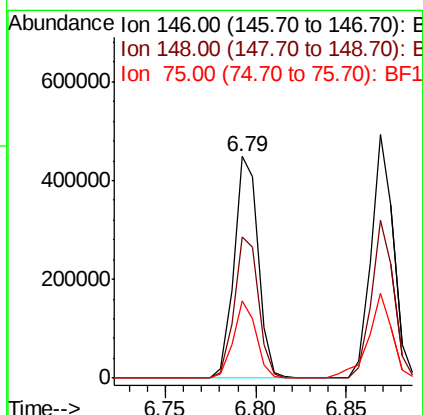
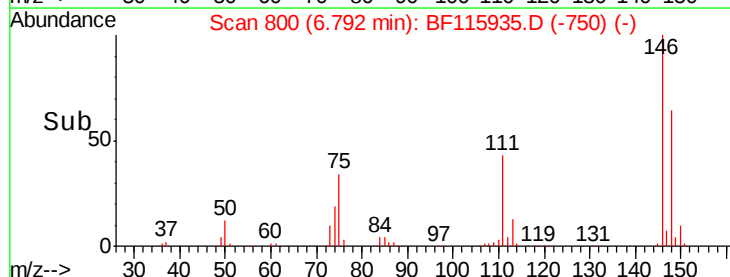
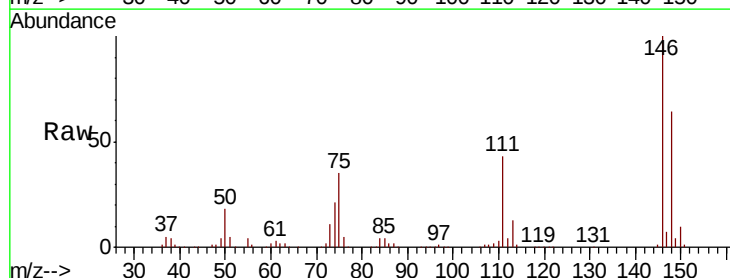
Instrument :
BNA_F
ClientSampleId :
PB121887BS

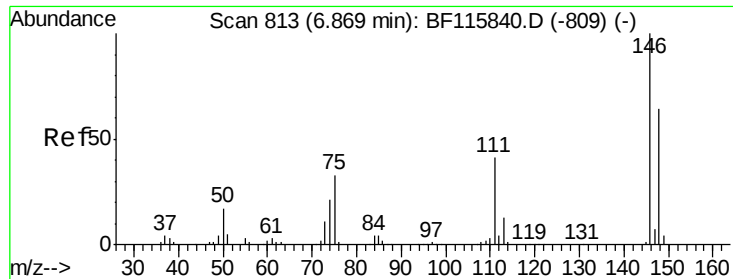
Tot Ion: 93 Resp: 389407
Ion Ratio Lower Upper
93 100
63 74.0 54.9 94.9
95 33.0 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 39.203 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion: 146 Resp: 415252
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
75 34.8 25.0 37.6

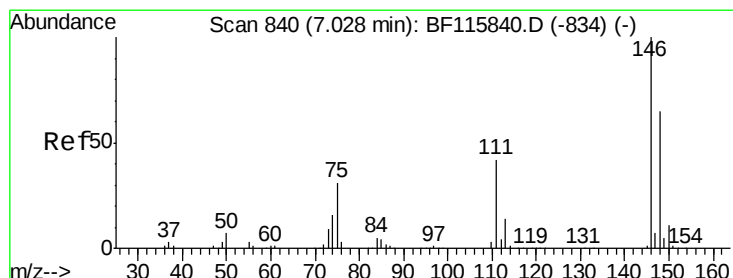
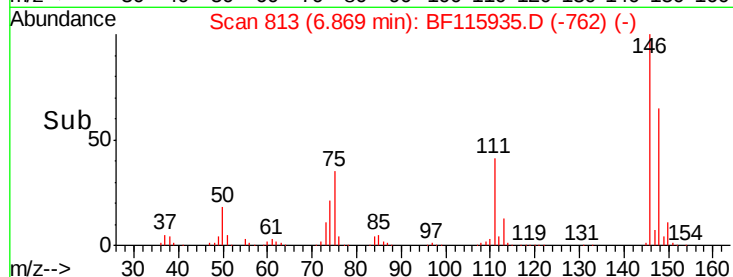
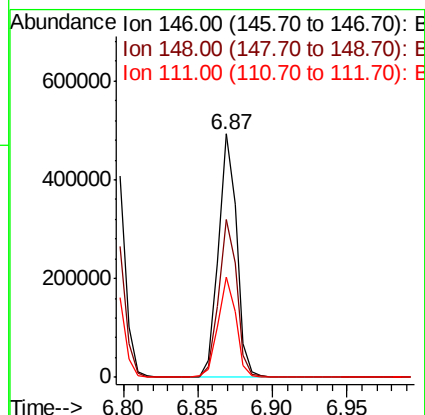
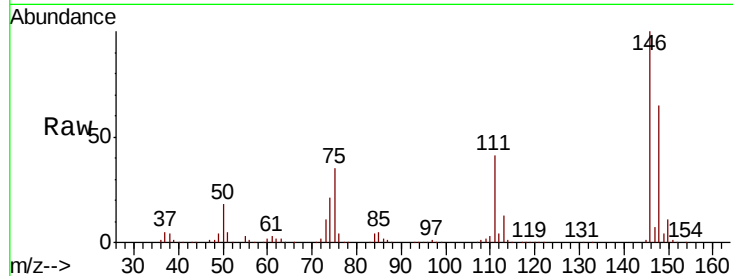




#13
 1,4-Dichlorobenzene
 Concen: 39.913 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

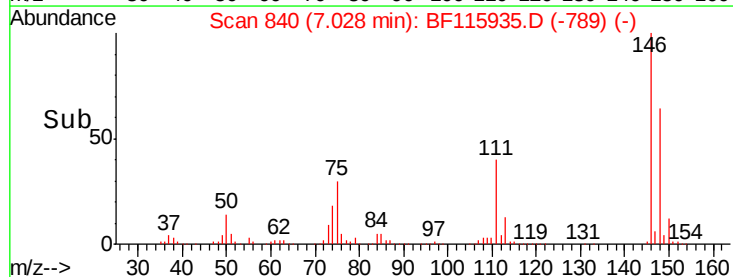
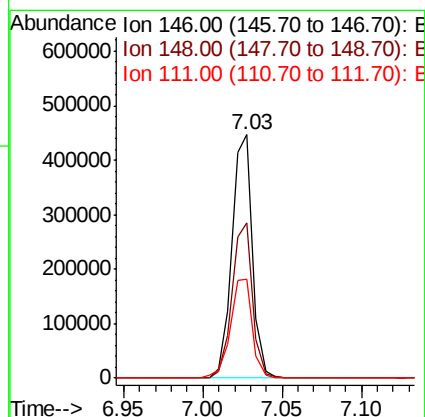
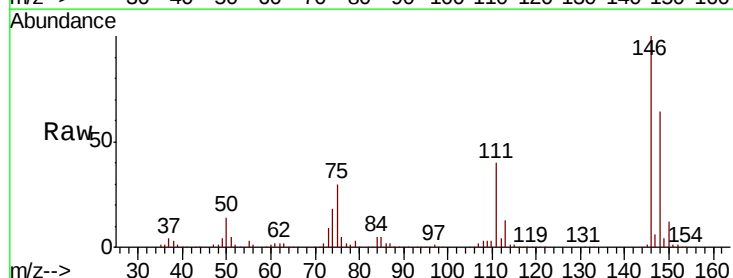
Instrument :
 BNA_F
 ClientSampleId :
 PB121887BS

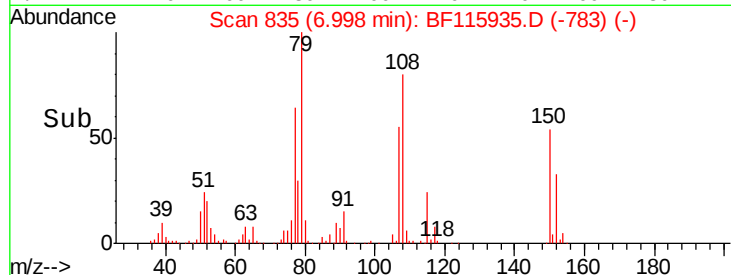
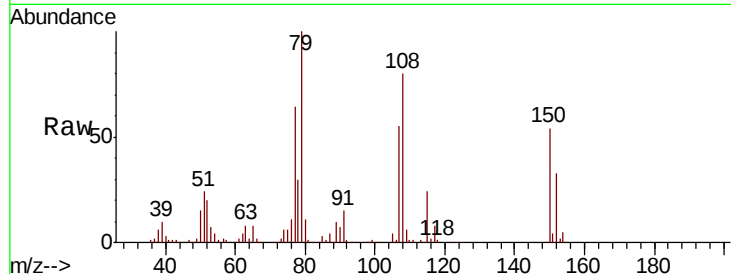
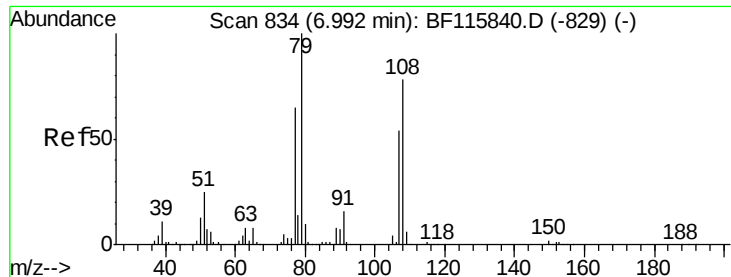
Tot Ion:146 Resp: 423314
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.2 76.8
 111 41.4 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 40.777 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Tgt Ion:146 Resp: 398222
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.6 77.4
 111 40.4 33.6 50.4





#15

Benzyl Alcohol

Concen: 45.104 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleID :

PB121887BS

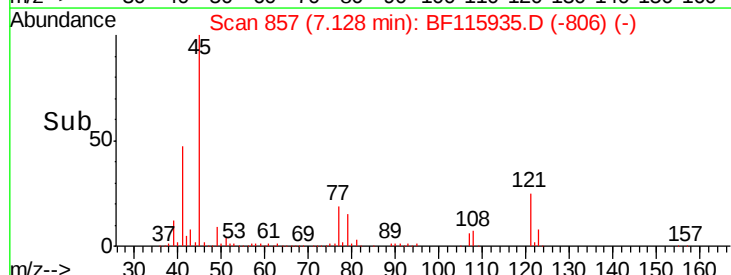
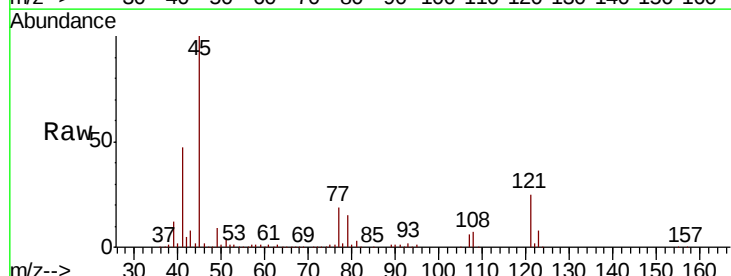
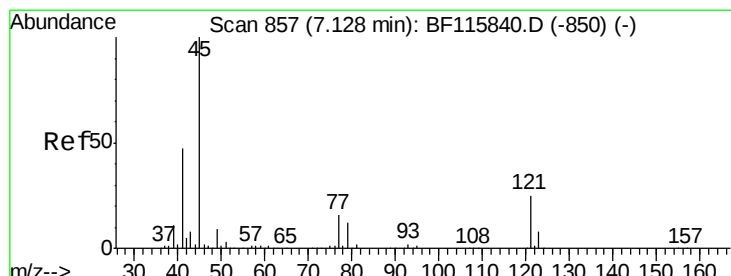
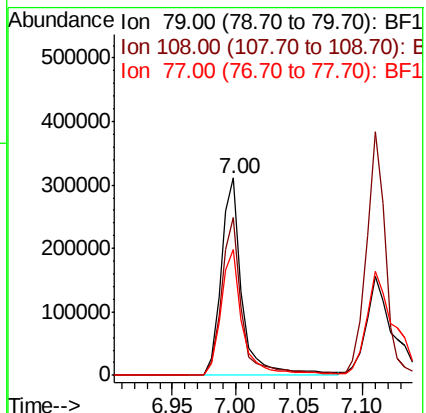
Tot Ion: 79 Resp: 357948

Ion Ratio Lower Upper

79 100

108 80.0 62.8 94.2

77 64.1 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.014 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

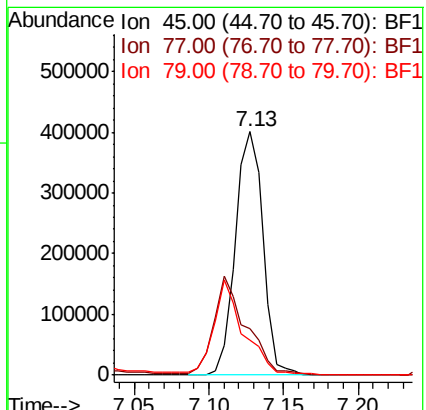
Tgt Ion: 45 Resp: 518845

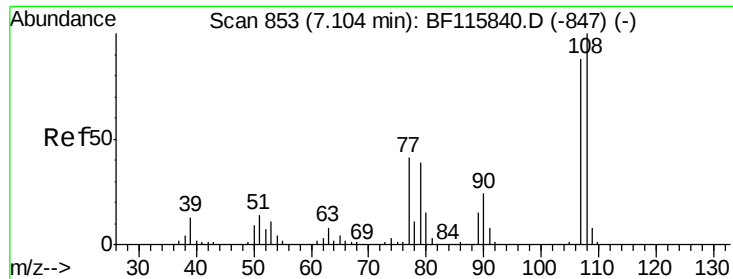
Ion Ratio Lower Upper

45 100

77 18.8 0.0 36.3

79 14.5 0.0 32.5

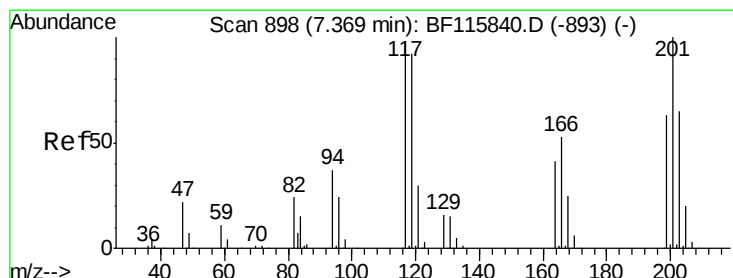
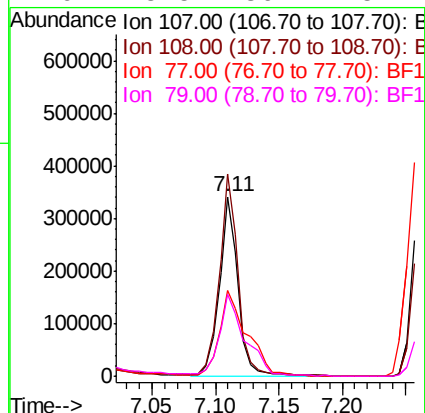
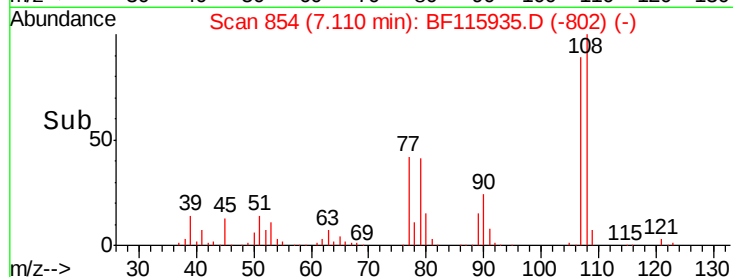
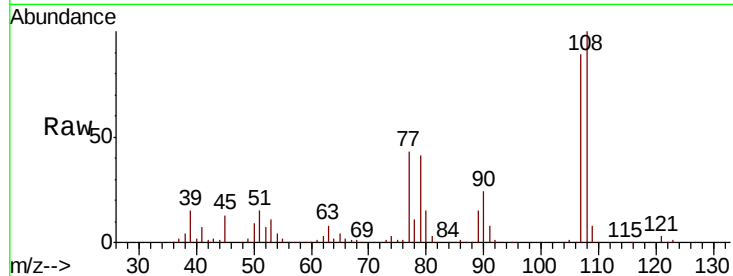




#17
2-Methylphenol
Concen: 45.110 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

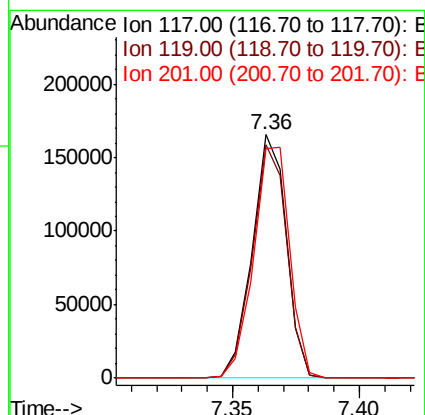
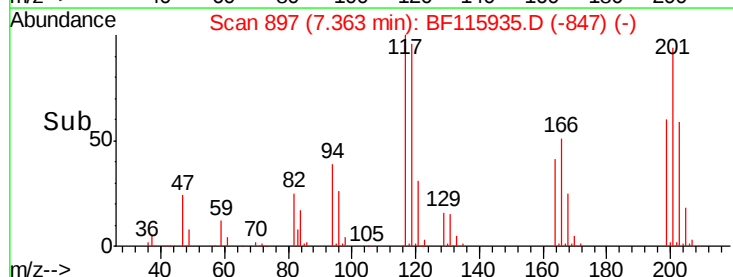
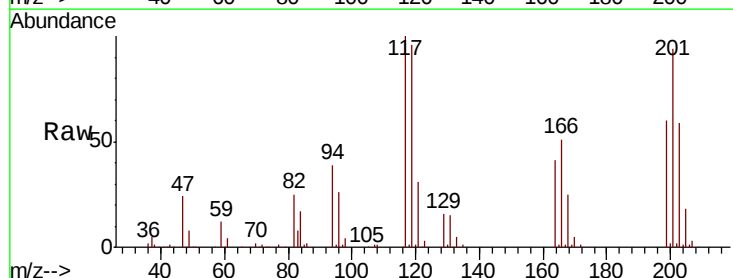
Instrument :
BNA_F
ClientSampleId :
PB121887BS

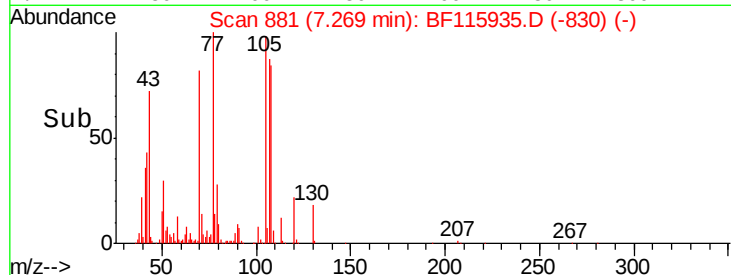
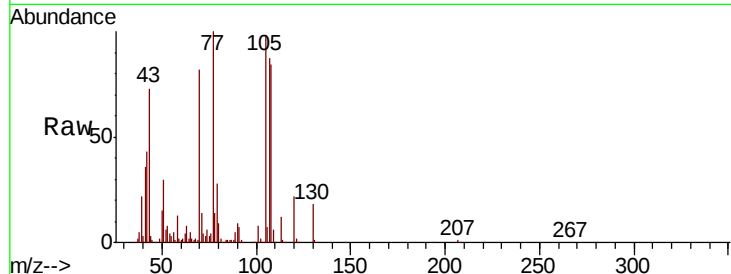
Tot Ion:107 Resp: 350089
Ion Ratio Lower Upper
107 100
108 112.2 91.4 137.0
77 47.7 37.6 56.4
79 45.5 36.2 54.4



#18
Hexachloroethane
Concen: 39.891 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:117 Resp: 155769
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6
201 94.3 82.0 123.0

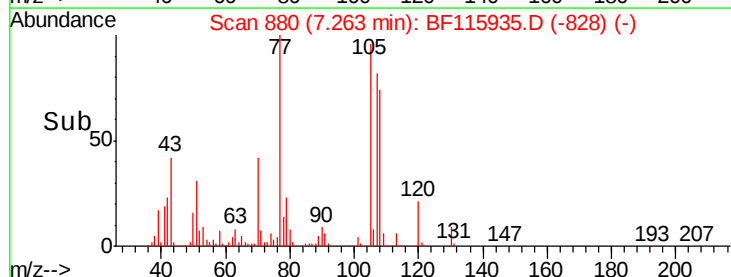
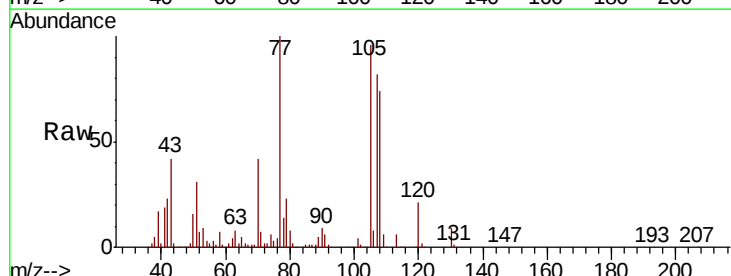
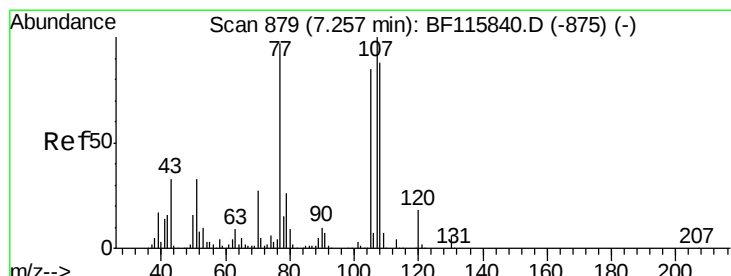
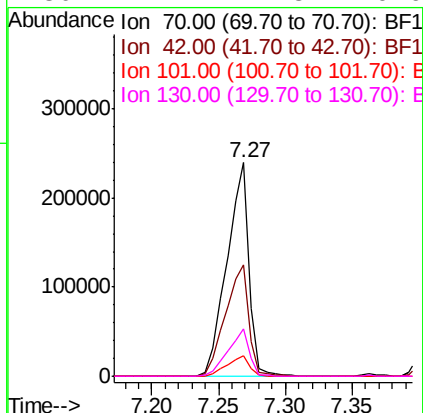




#19
n-Nitroso-di-n-propylamine
Concen: 43.086 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

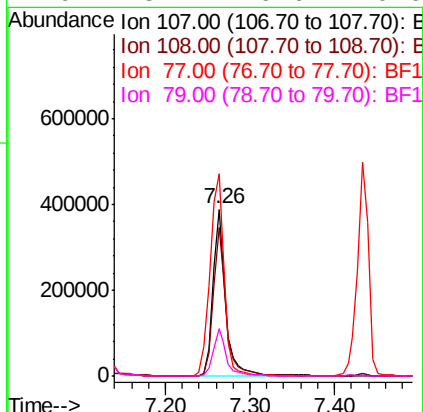
Instrument :
BNA_F
ClientSampleId :
PB121887BS

Tot Ion:	70	Resp:	279209
Ion	Ratio	Lower	Upper
70	100		
42	52.4	41.8	62.8
101	9.7	7.7	11.5
130	22.4	17.8	26.6



#20
3+4-Methylphenols
Concen: 45.298 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:	107	Resp:	416016
Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.9	107.9
77	121.2	77.3	117.3#
79	28.4	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

Tot Ion:136 Resp: 572841

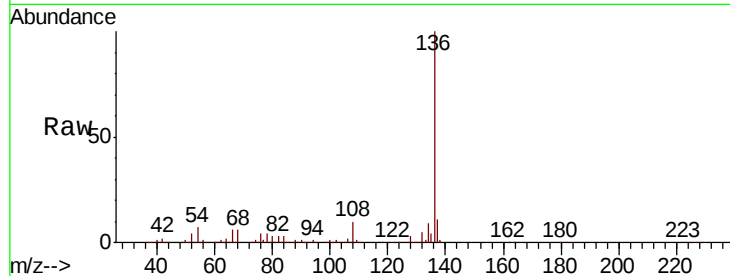
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.5 6.1 9.1

68 6.2 5.4 8.2

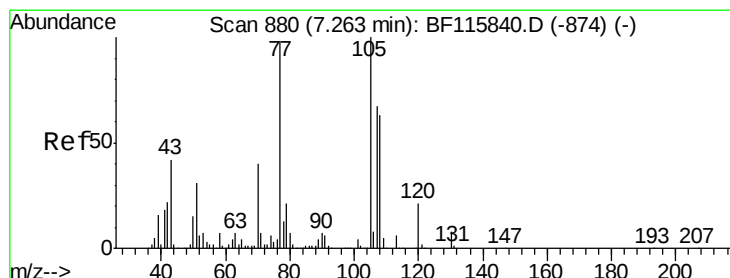
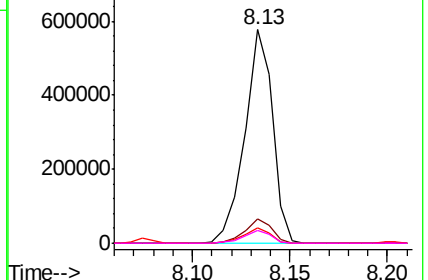
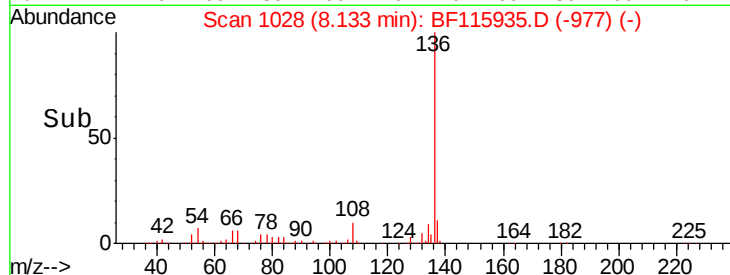


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 44.392 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Tgt Ion:105 Resp: 557710

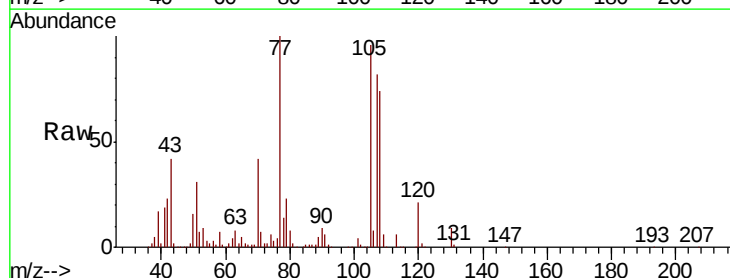
Ion Ratio Lower Upper

105 100

71 7.3 5.4 8.0

51 32.2 24.6 36.8

120 22.1 17.0 25.6

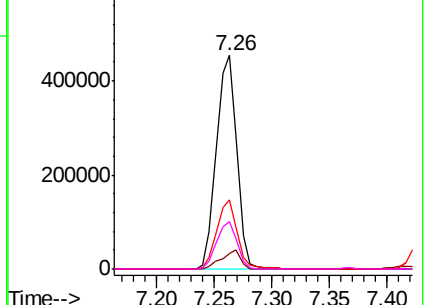
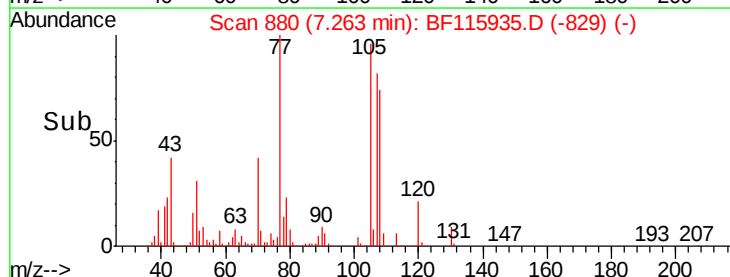


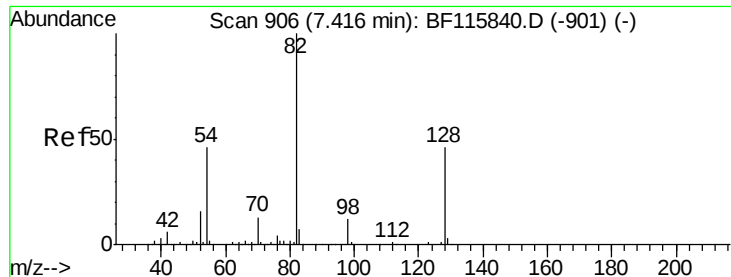
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

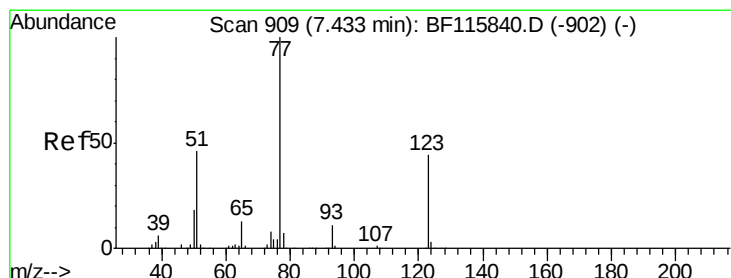
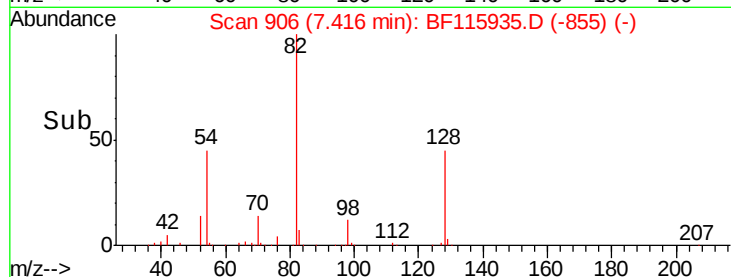
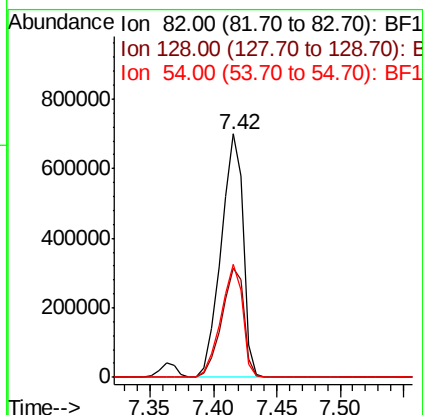
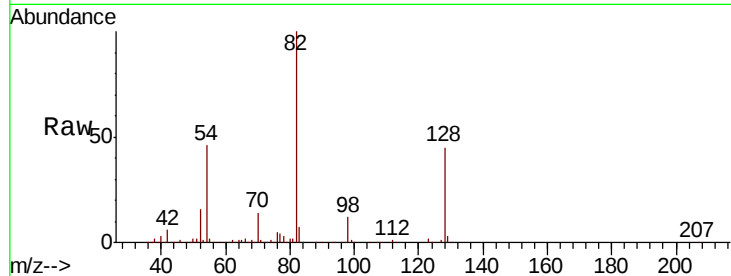




#23
 Nitrobenzene-d5
 Concen: 85.217 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

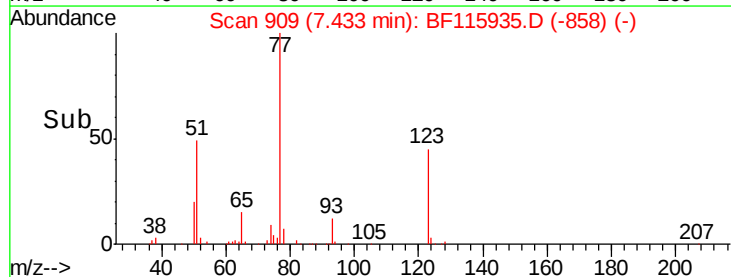
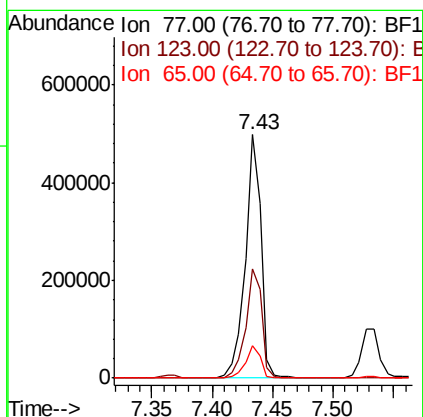
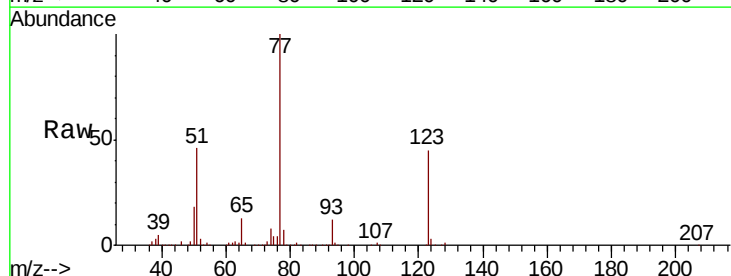
Instrument :
 BNA_F
 ClientSampleId :
 PB121887BS

Tot Ion	82	Resp	845692
Ion Ratio	Lower	Upper	
82	100		
128	44.8	36.6	55.0
54	46.2	36.6	55.0



#24
 Nitrobenzene
 Concen: 42.122 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Tgt Ion	77	Resp	451356
Ion Ratio	Lower	Upper	
77	100		
123	45.0	35.5	53.3
65	13.3	10.6	15.8





#25

Isophorone

Concen: 43.263 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

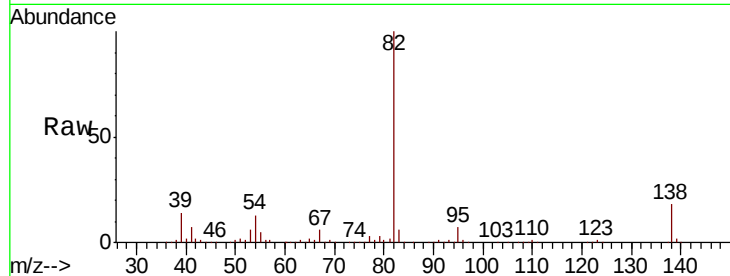
Tot Ion: 82 Resp: 820969

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

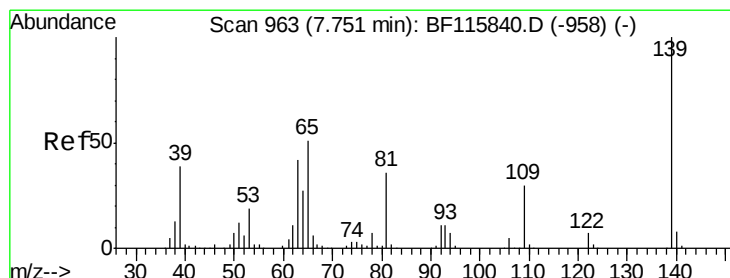
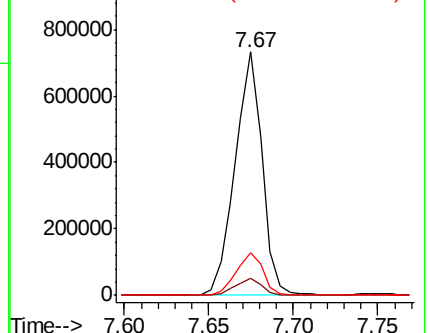
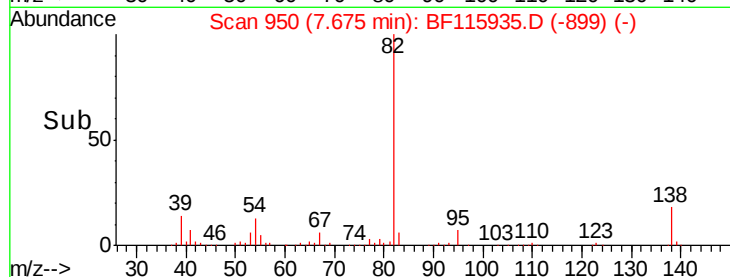
138 17.5 13.9 20.9



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: 44.817 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

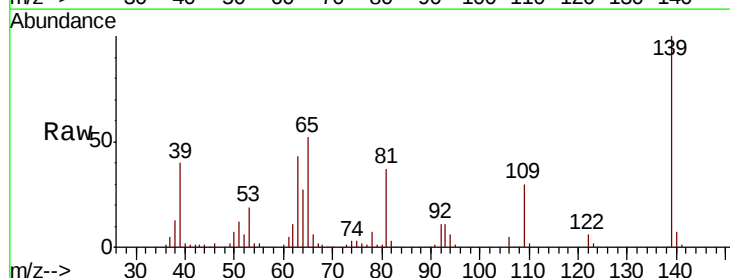
Tgt Ion: 139 Resp: 226375

Ion Ratio Lower Upper

139 100

109 29.8 23.6 35.4

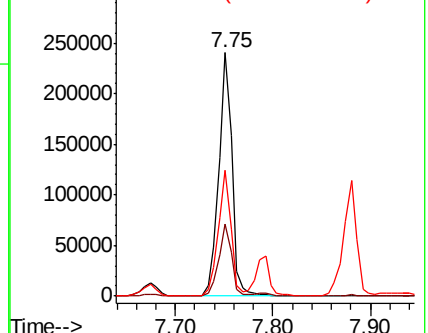
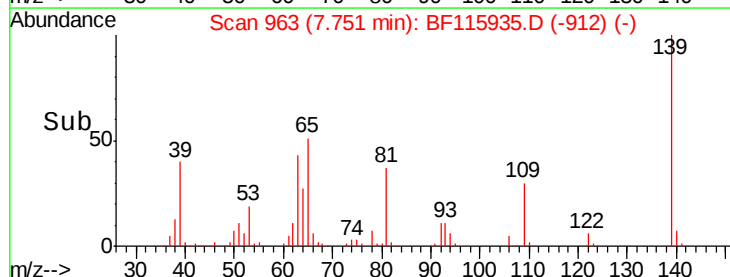
65 51.7 40.6 60.8

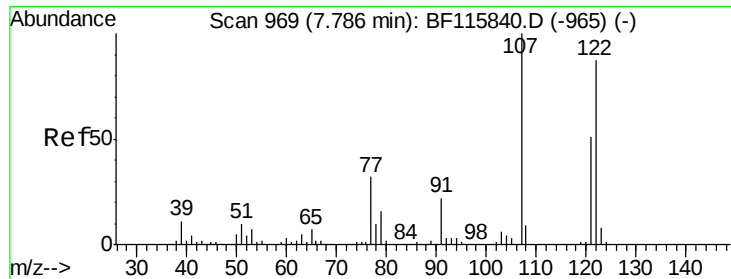


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 48.439 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

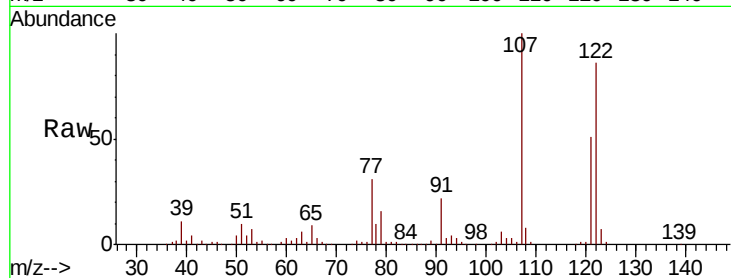
Tot Ion:122 Resp: 368108

Ion Ratio Lower Upper

122 100

107 116.5 91.7 137.5

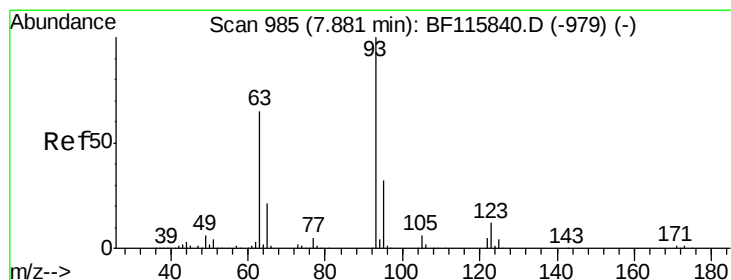
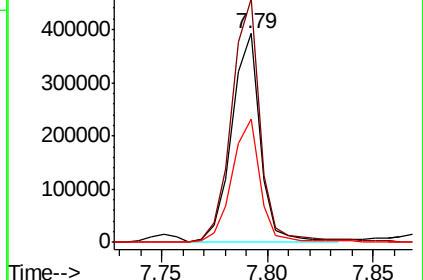
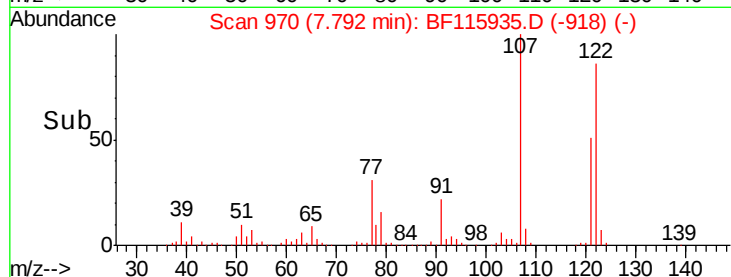
121 59.1 46.6 70.0



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: 43.158 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

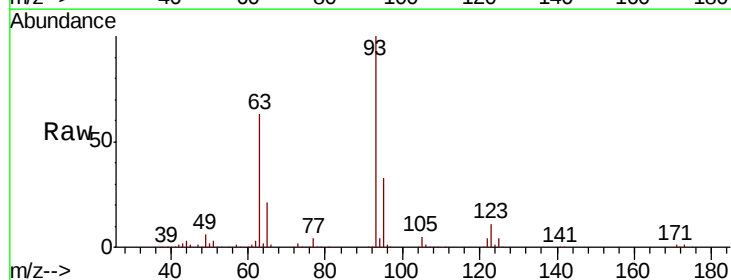
Tgt Ion: 93 Resp: 507616

Ion Ratio Lower Upper

93 100

95 32.6 26.0 39.0

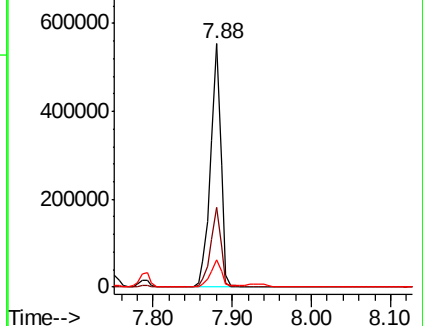
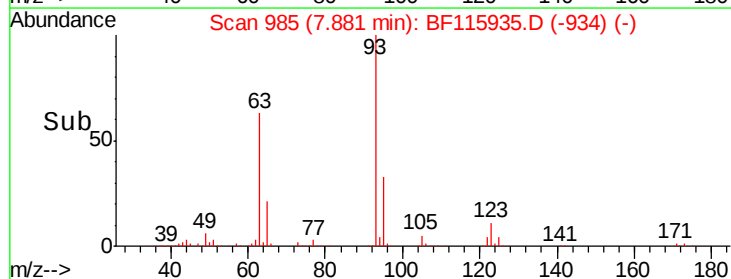
123 11.4 9.5 14.3

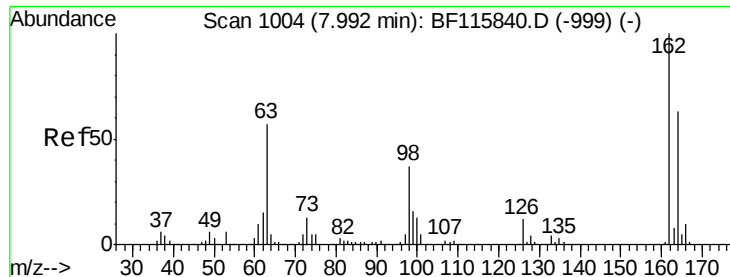


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

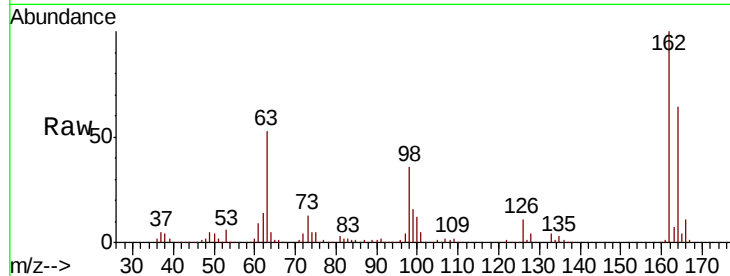




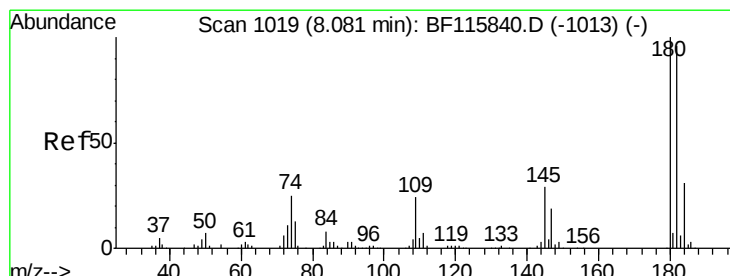
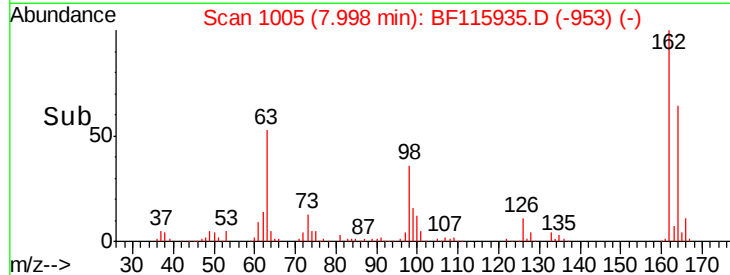
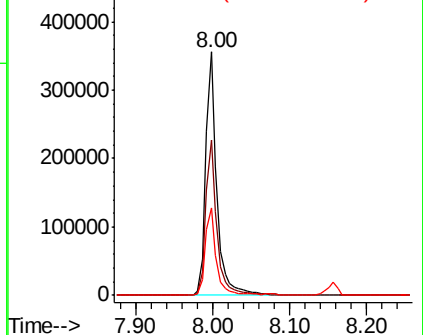
#29
 2,4-Dichlorophenol
 Concen: 44.717 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BS

Tot Ion:162 Resp: 358803
 Ion Ratio Lower Upper
 162 100
 164 63.6 43.2 83.2
 98 36.0 17.3 57.3

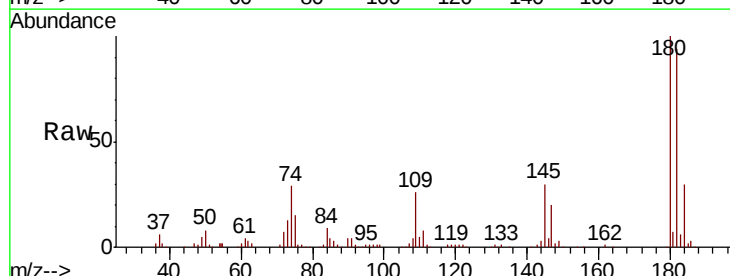


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

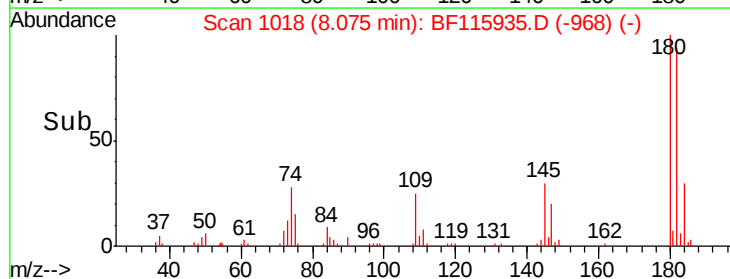
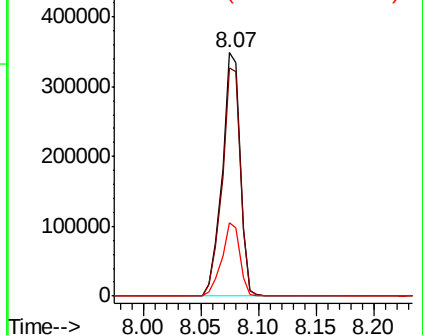


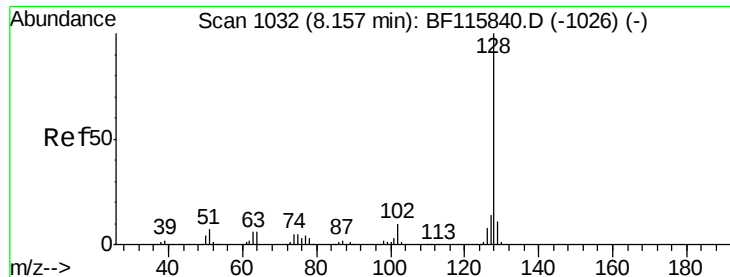
#30
 1,2,4-Trichlorobenzene
 Concen: 41.404 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Tgt Ion:180 Resp: 378699
 Ion Ratio Lower Upper
 180 100
 182 94.0 76.6 114.8
 145 30.3 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

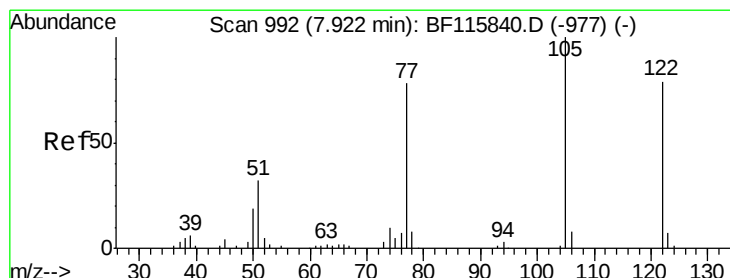
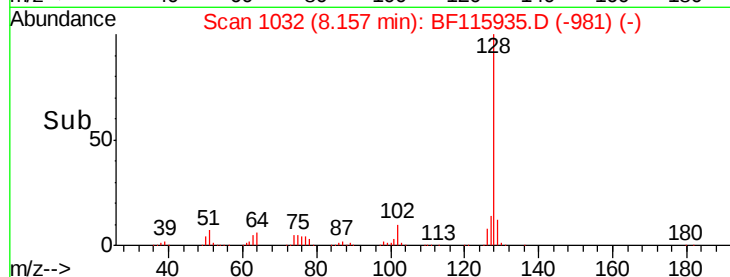
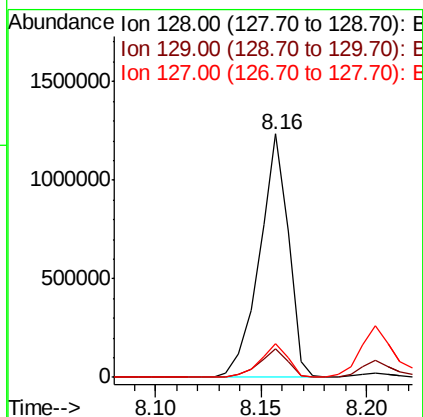
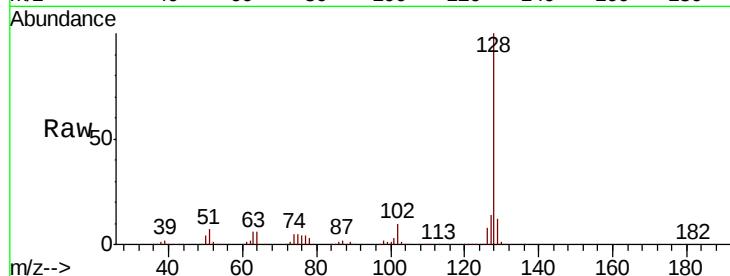




#31
Naphthalene
Concen: 43.532 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

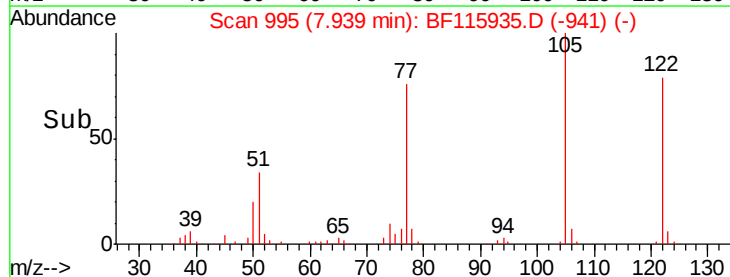
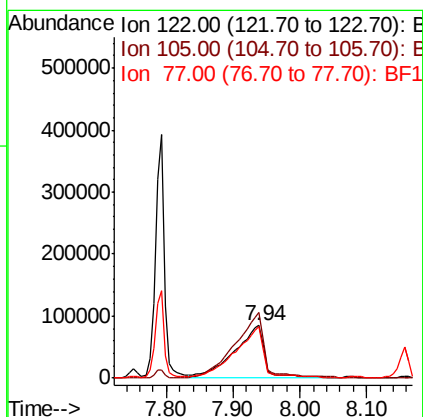
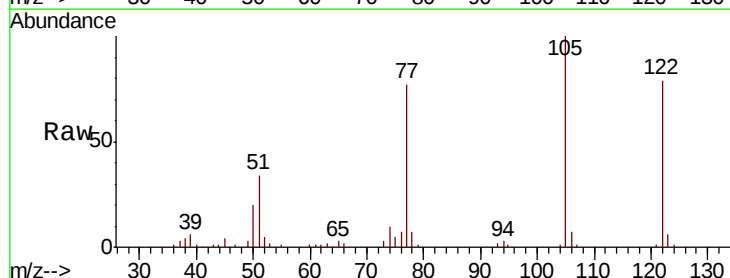
Instrument :
BNA_F
ClientSampleId :
PB121887BS

Tot Ion:128 Resp: 1173471
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.9 11.0 16.4



#32
Benzoic acid
Concen: 48.102 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:122 Resp: 257717
Ion Ratio Lower Upper
122 100
105 126.1 103.1 143.1
77 97.3 76.8 116.8

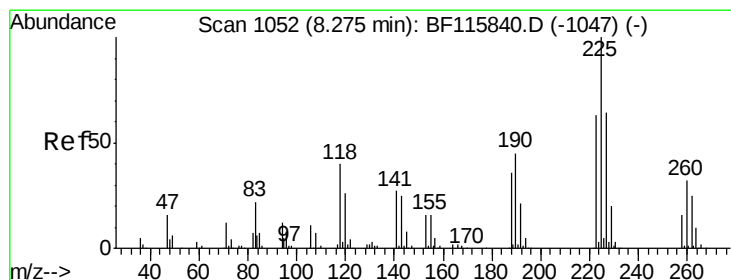
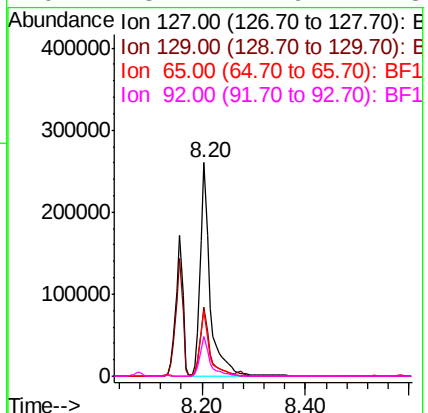
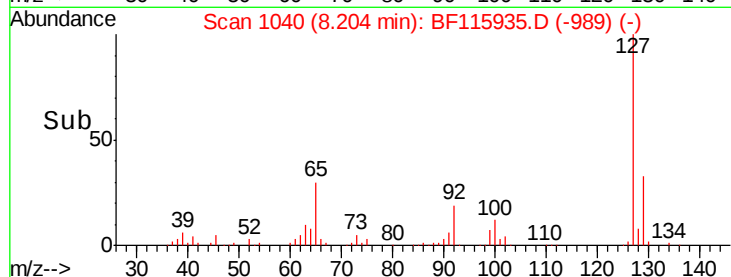
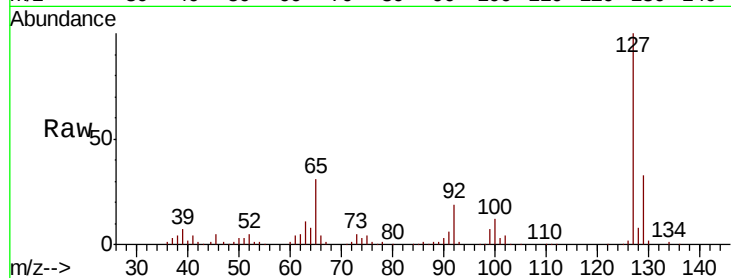




#33
4-Chloroaniline
Concen: 28.519 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

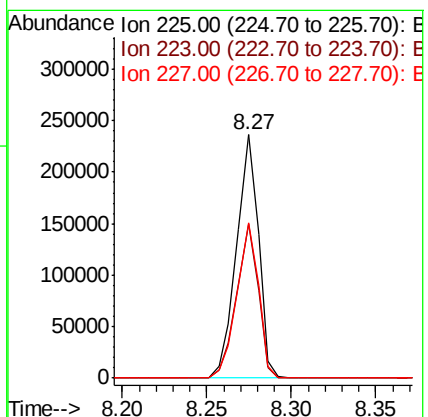
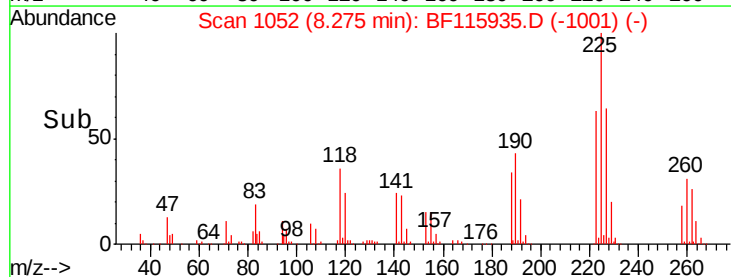
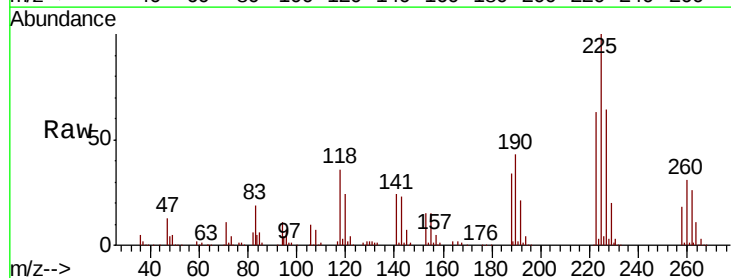
Instrument :
BNA_F
ClientSampleId :
PB121887BS

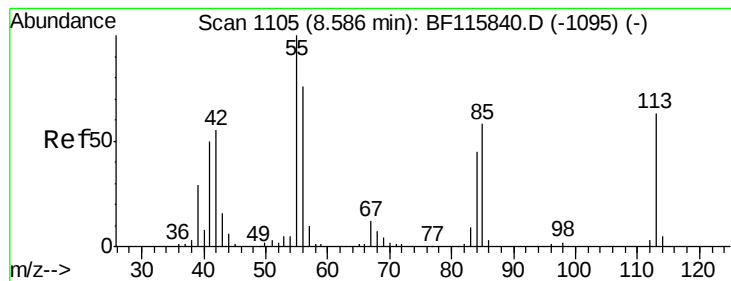
Tot Ion:127	Resp:	343496
Ion Ratio	Lower	Upper
127	100	
129	32.6	26.0 39.0
65	30.7	23.9 35.9
92	18.7	14.9 22.3



#34
Hexachlorobutadiene
Concen: 40.661 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:225	Resp:	214217
Ion Ratio	Lower	Upper
225	100	
223	63.2	50.4 75.6
227	63.6	51.6 77.4





#35

Caprolactam

Concen: 30.241 ng

RT: 8.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

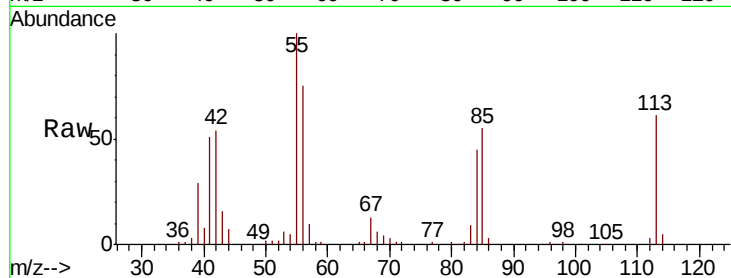
Tot Ion:113 Resp: 78479

Ion Ratio Lower Upper

113 100

55 164.1 138.1 178.1

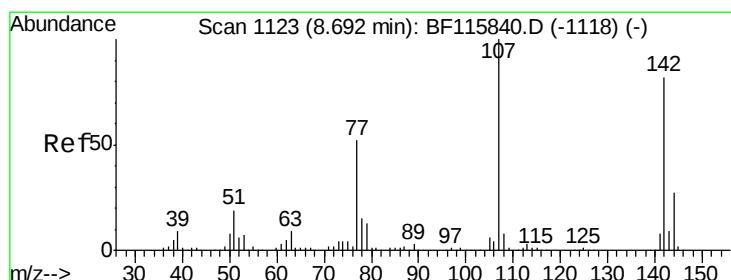
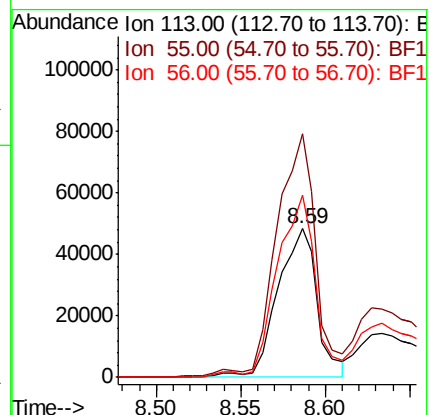
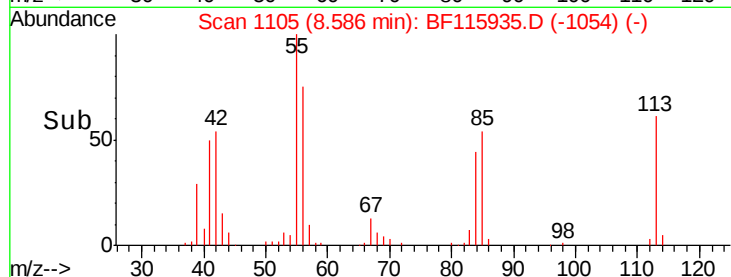
56 122.4 100.6 140.6



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: 45.381 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

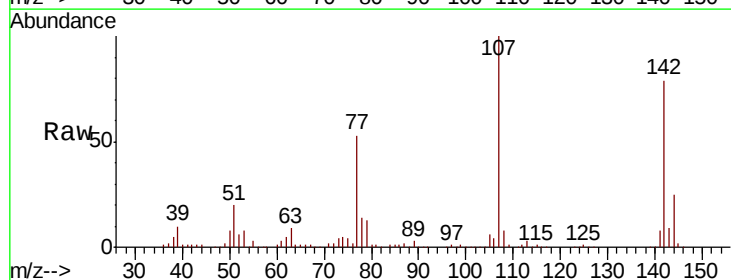
Tgt Ion:107 Resp: 378808

Ion Ratio Lower Upper

107 100

144 25.2 21.4 32.0

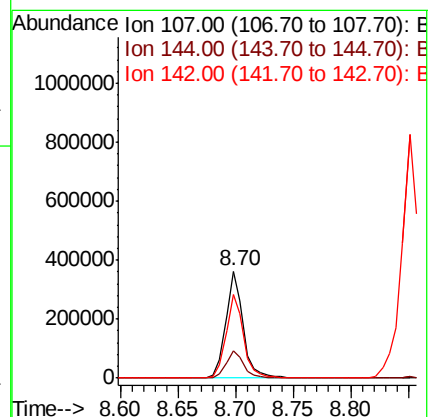
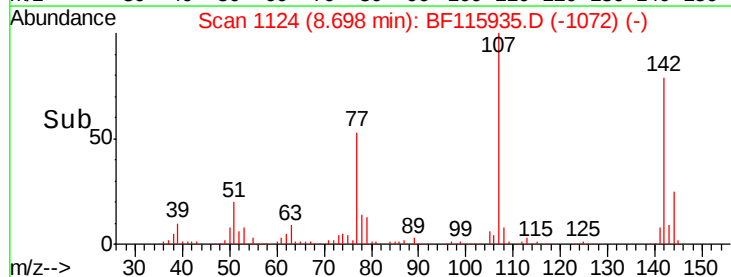
142 78.6 65.5 98.3

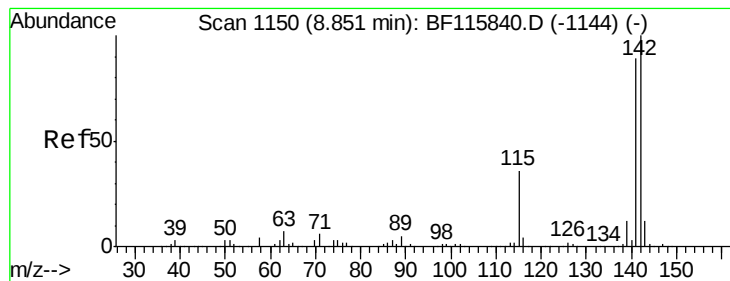


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.514 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

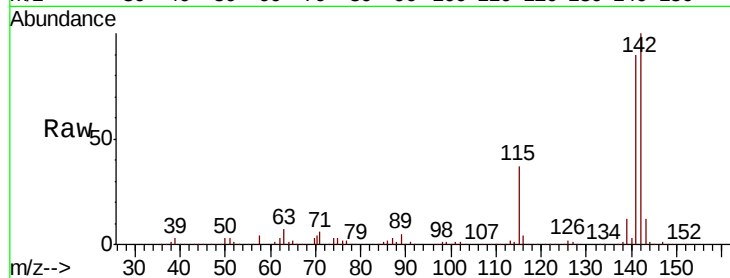
Tot Ion:142 Resp: 790273

Ion Ratio Lower Upper

142 100

141 89.9 71.4 107.2

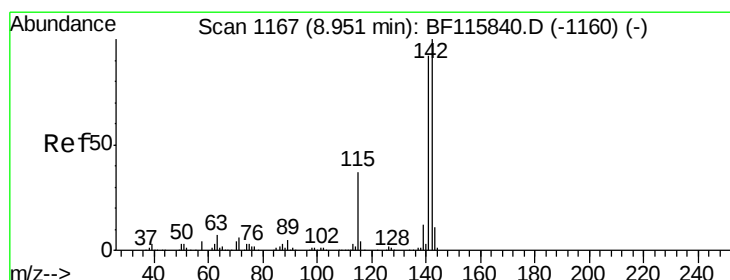
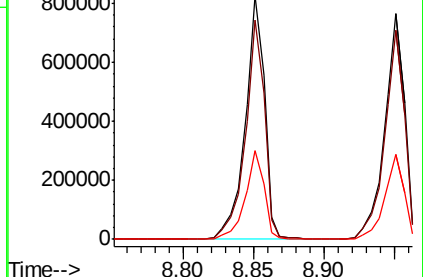
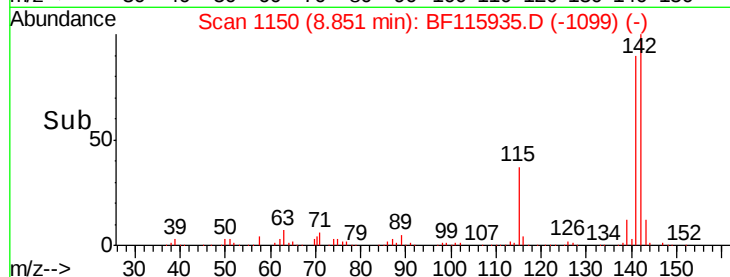
115 36.5 28.9 43.3



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: 44.344 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

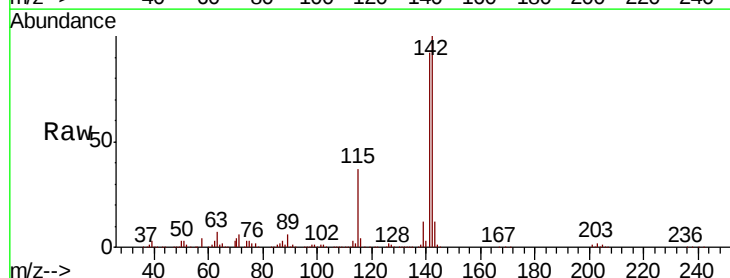
Tgt Ion:142 Resp: 744770

Ion Ratio Lower Upper

142 100

141 92.3 73.8 110.6

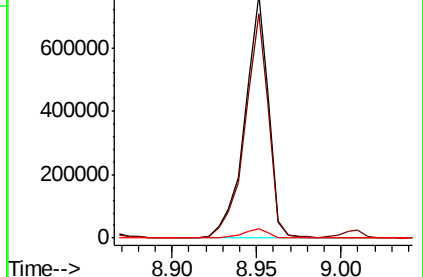
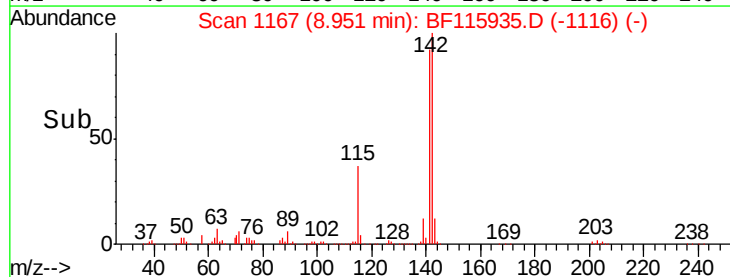
116 4.0 3.1 4.7

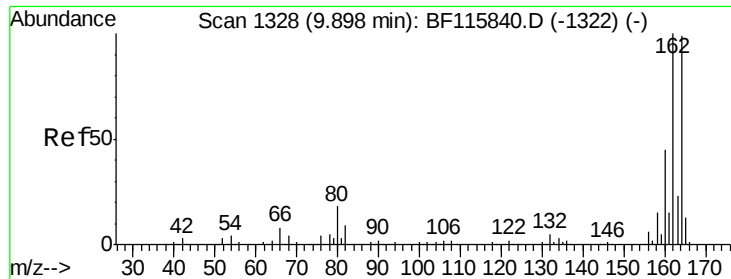


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

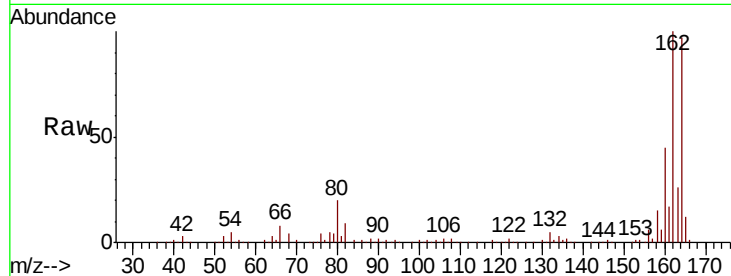




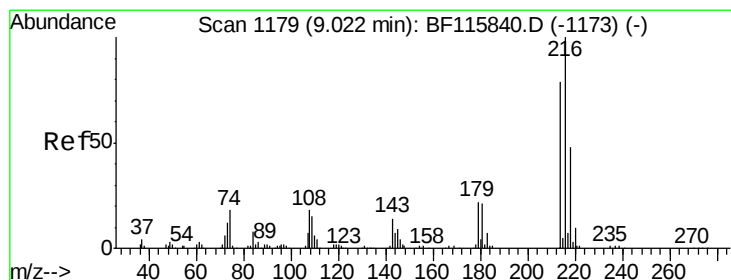
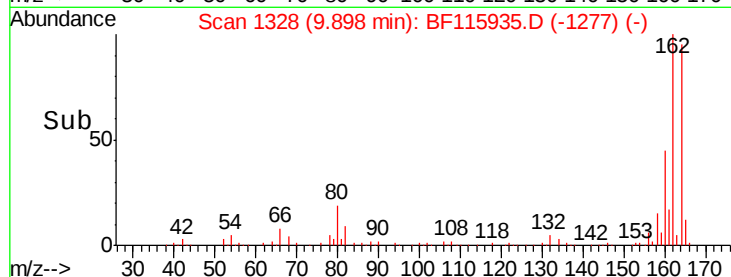
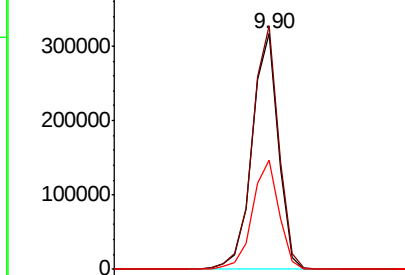
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Instrument :
BNA_F
ClientSampleId :
PB121887BS

Tot Ion:164 Resp: 294547
Ion Ratio Lower Upper
164 100
162 103.4 80.8 121.2
160 46.7 36.2 54.4

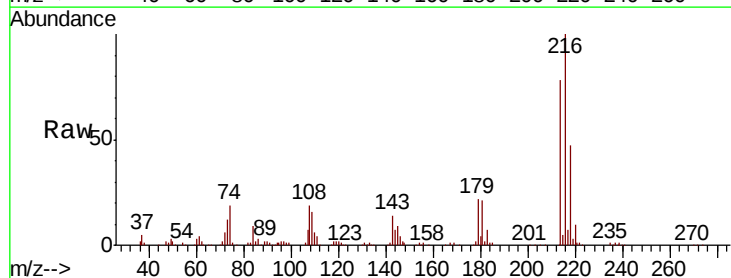


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

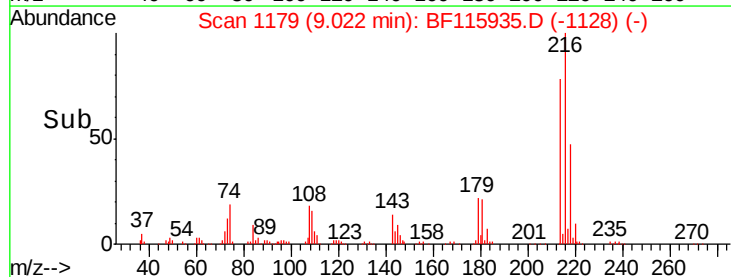
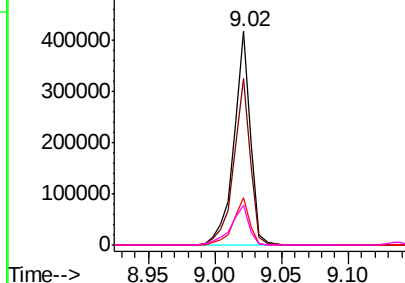


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.110 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:216 Resp: 363092
Ion Ratio Lower Upper
216 100
214 78.7 62.8 94.2
179 21.8 17.6 26.4
108 20.8 16.1 24.1



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 51.316 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

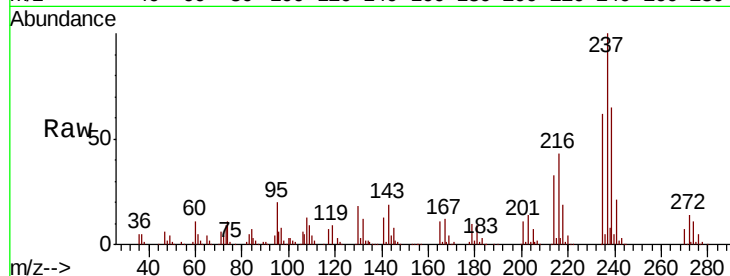
Tot Ion:237 Resp: 173299

Ion Ratio Lower Upper

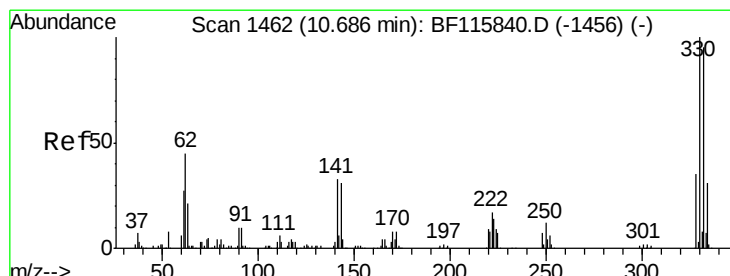
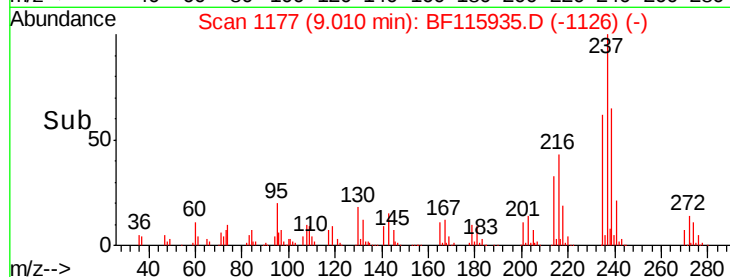
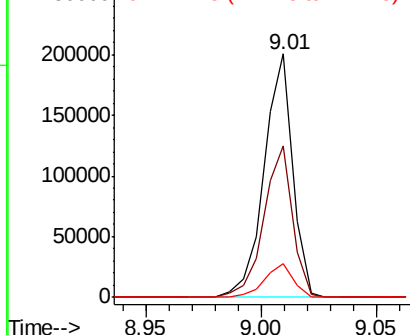
237 100

235 62.3 42.5 82.5

272 13.6 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: 93.067 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

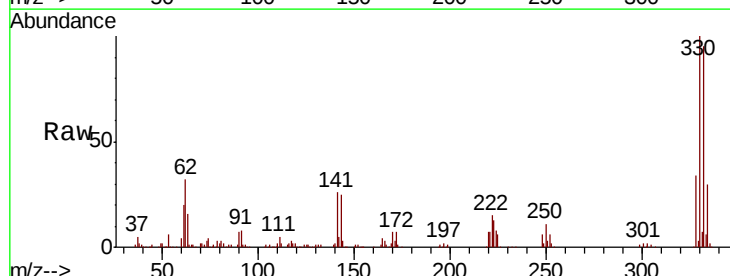
Tgt Ion:330 Resp: 265774

Ion Ratio Lower Upper

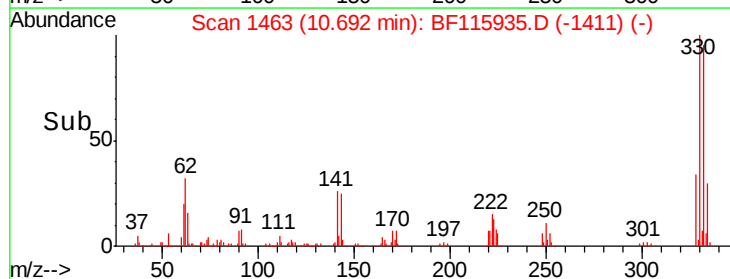
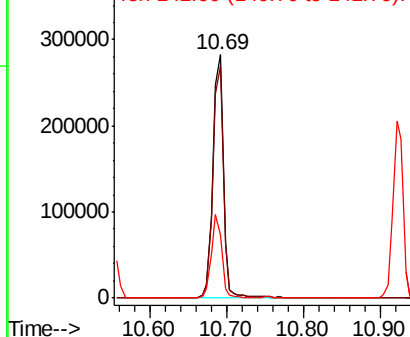
330 100

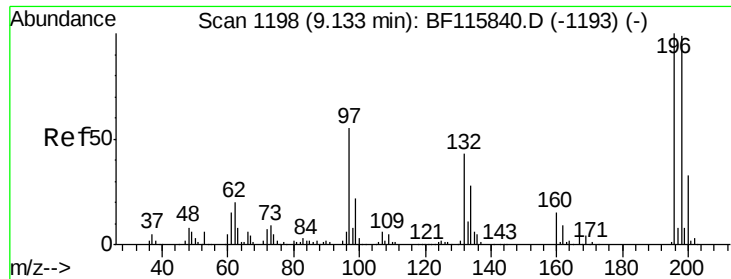
332 95.6 77.7 116.5

141 33.8 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

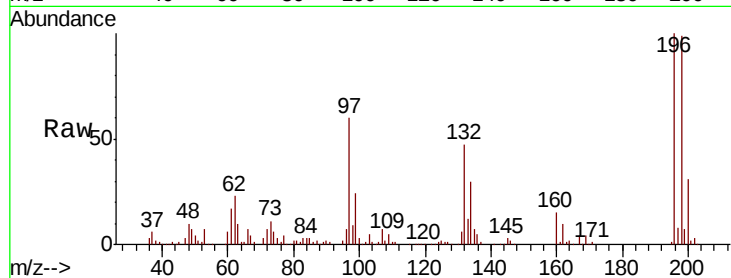




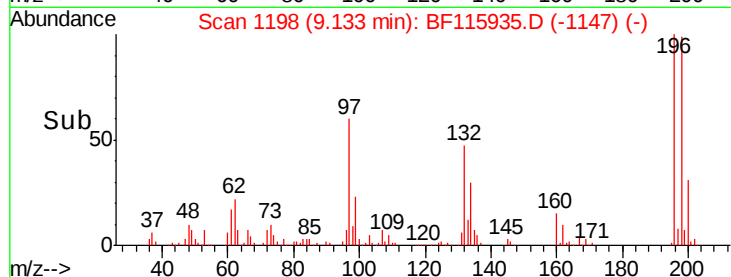
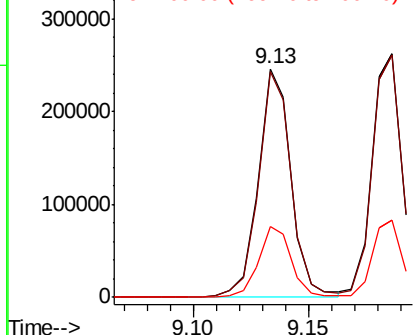
#43
 2,4,6-Trichlorophenol
 Concen: 44.881 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	79.1	118.7
200	31.0	26.0	39.0



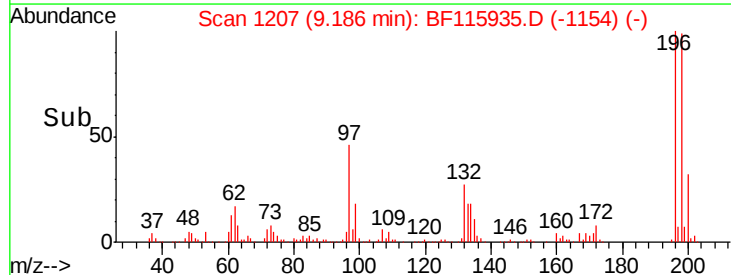
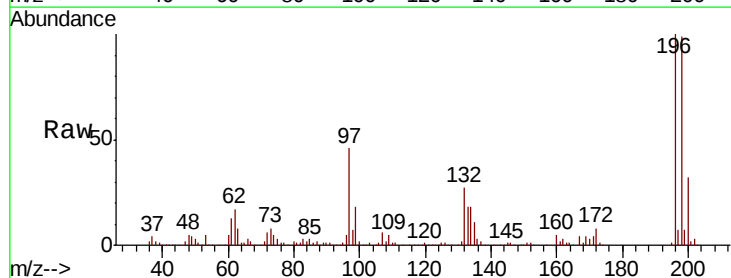
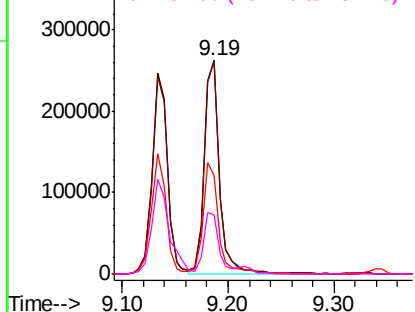
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

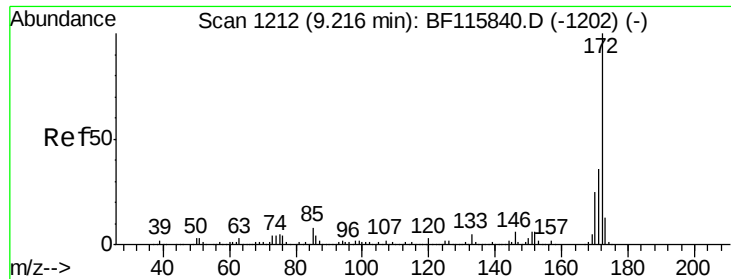


#44
 2,4,5-Trichlorophenol
 Concen: 46.115 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.3	80.1	120.1
97	45.9	38.9	58.3
132	27.3	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

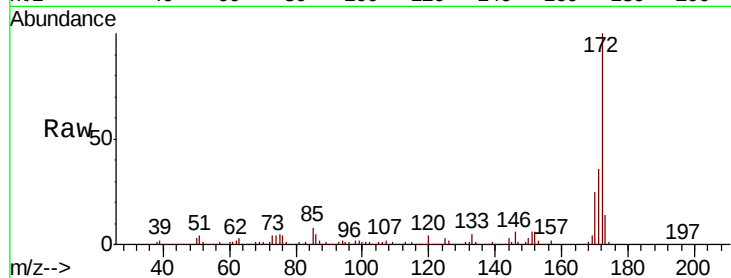




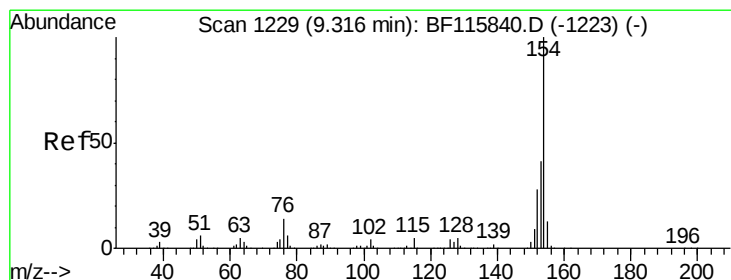
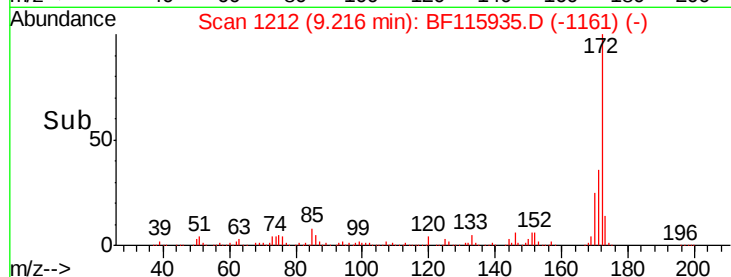
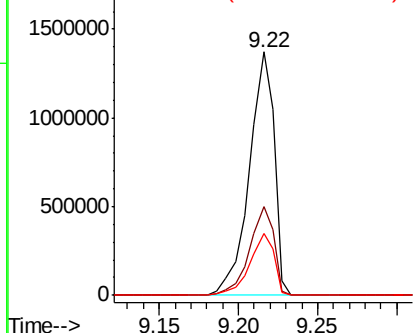
#45
2-Fluorobiphenyl
Concen: 95.053 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Instrument :
BNA_F
ClientSampleId :
PB121887BS

Tot Ion:172 Resp: 1494747
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 25.3 20.1 30.1

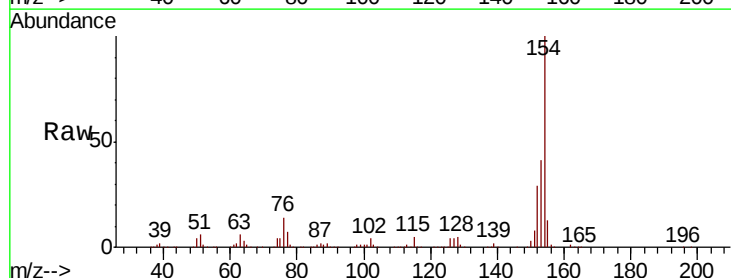


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

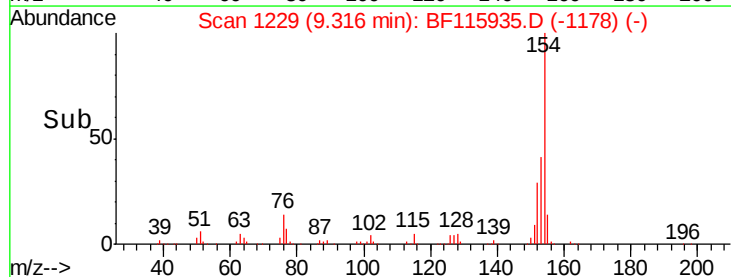
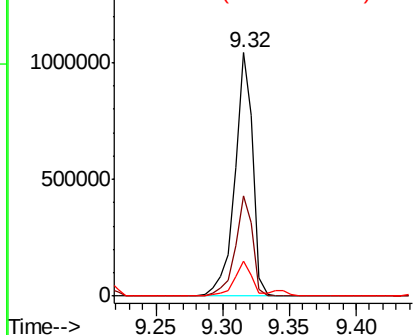


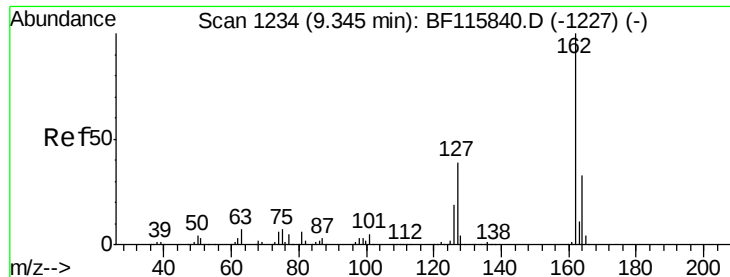
#46
1,1'-Biphenyl
Concen: 46.871 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:154 Resp: 974671
Ion Ratio Lower Upper
154 100
153 41.0 20.9 60.9
76 14.5 0.0 34.3



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

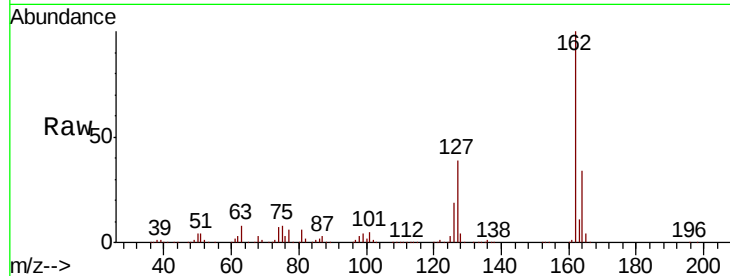




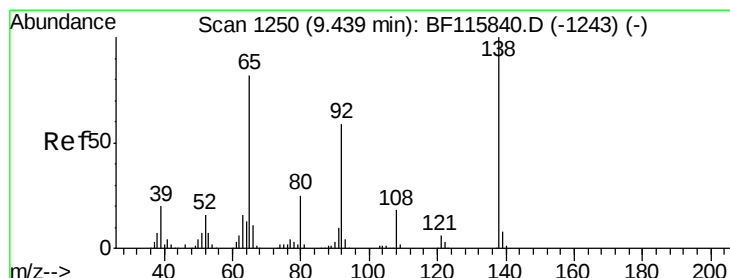
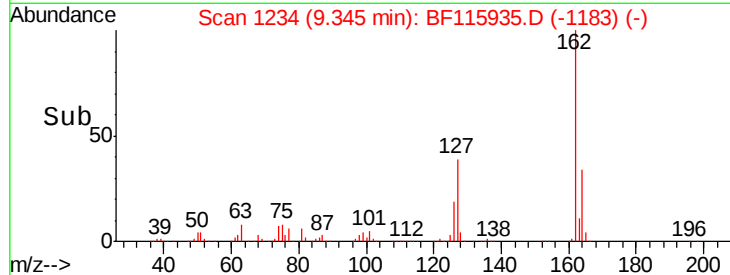
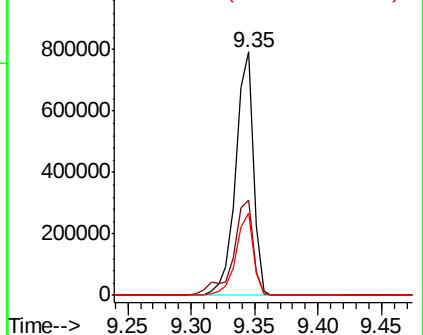
#47
 2-Chloronaphthalene
 Concen: 43.899 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BS

Tot Ion:	162	Resp:	759779
Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.3	46.9
164	33.6	26.6	40.0

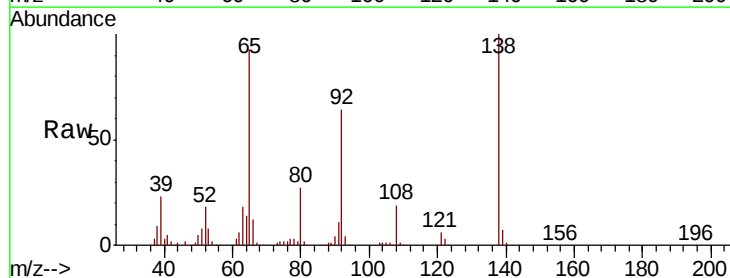


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

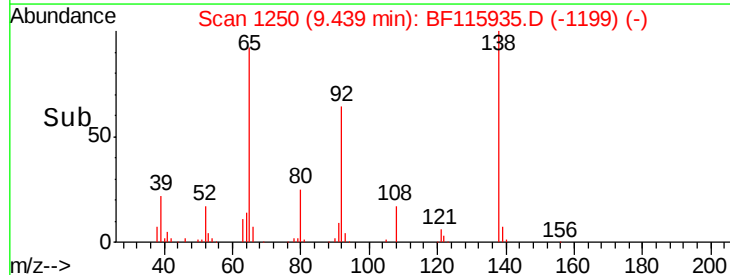
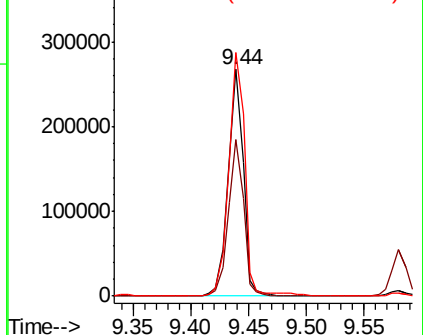


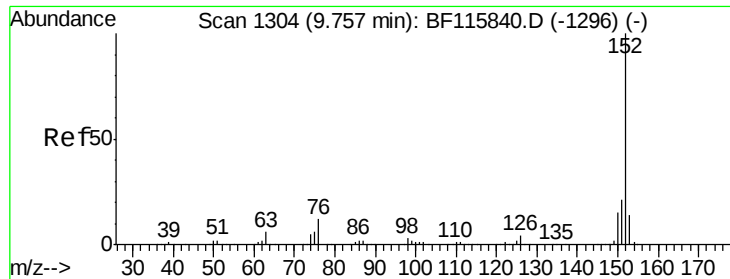
#48
 2-Nitroaniline
 Concen: 42.743 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Tgt Ion:	65	Resp:	244524
Ion	Ratio	Lower	Upper
65	100		
92	69.0	57.1	85.7
138	107.5	97.1	145.7



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





#49

Acenaphthylene

Concen: 45.896 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

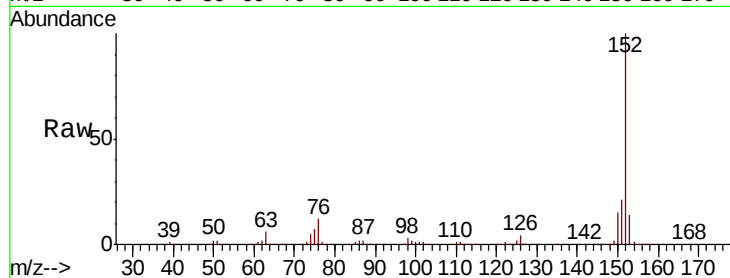
Tot Ion:152 Resp: 1158864

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

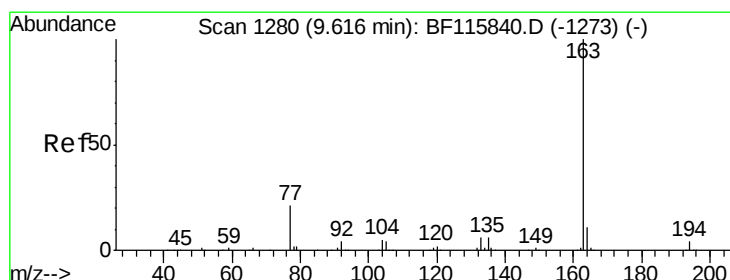
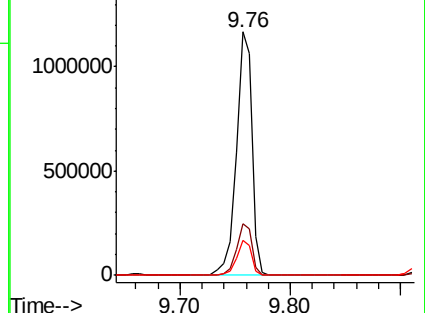
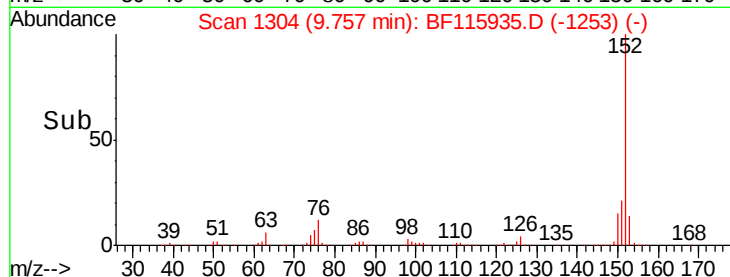
153 14.2 11.6 17.4



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: 44.711 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

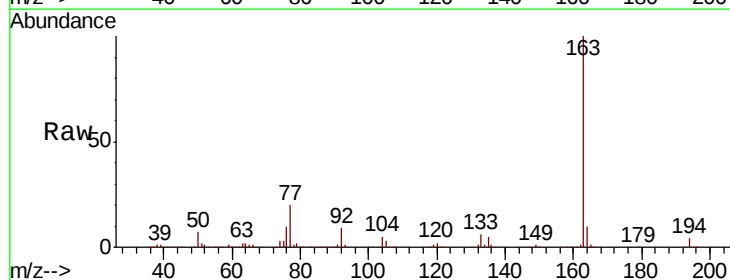
Tgt Ion:163 Resp: 896691

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

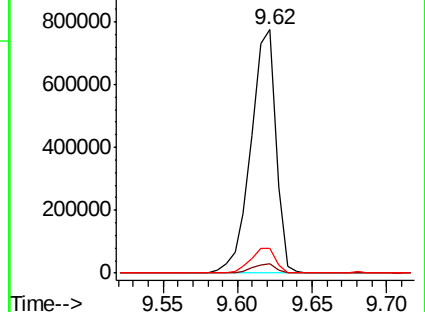
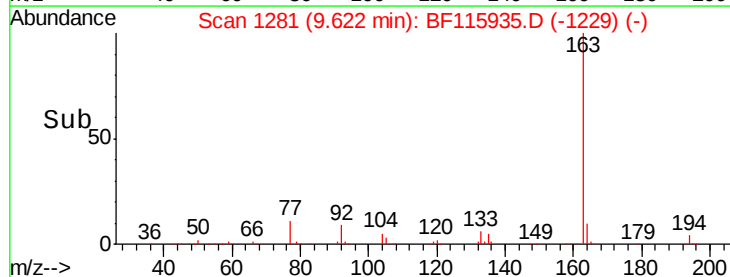
164 10.1 8.4 12.6

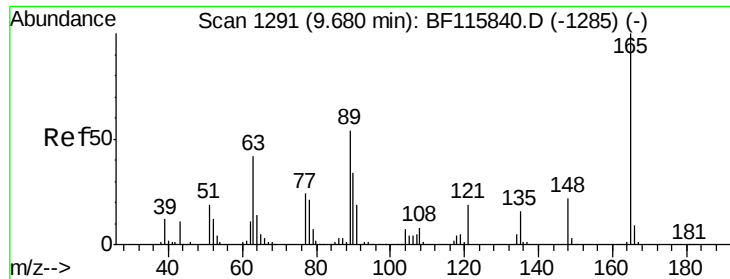


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.139 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

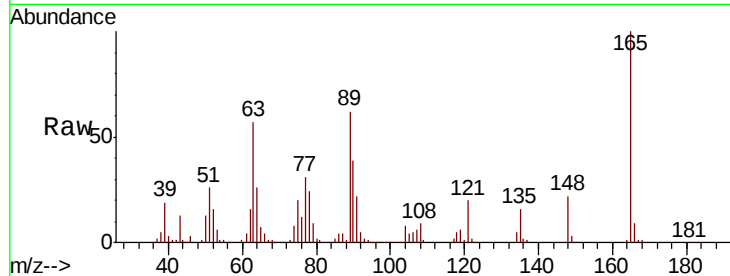
Tot Ion:165 Resp: 201093

Ion Ratio Lower Upper

165 100

63 57.3 39.4 59.2

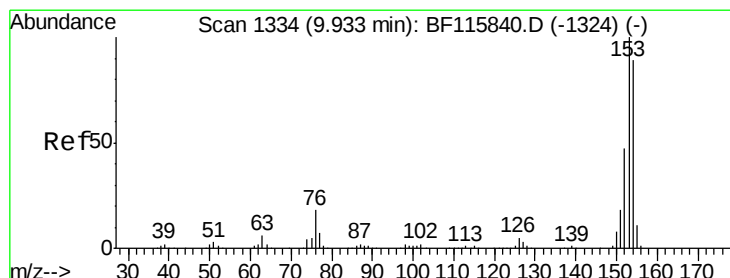
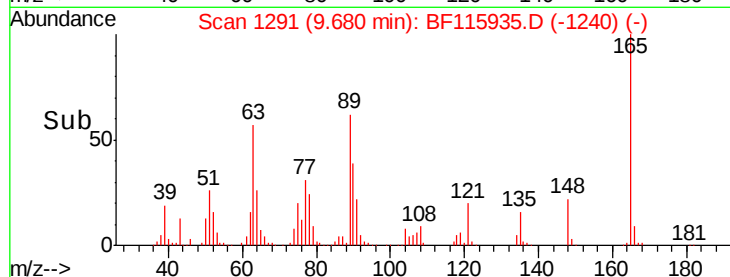
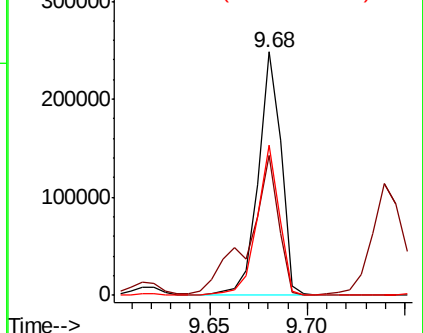
89 61.7 43.0 64.6



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: 44.586 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

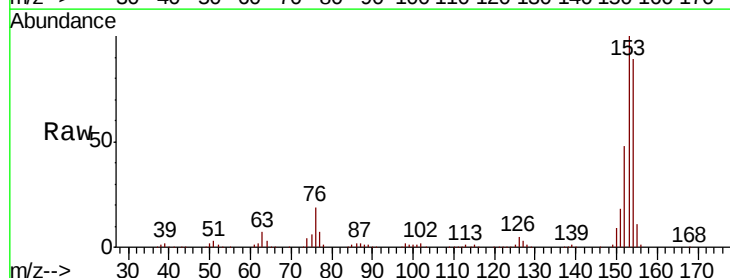
Tgt Ion:154 Resp: 690660

Ion Ratio Lower Upper

154 100

153 112.5 90.1 135.1

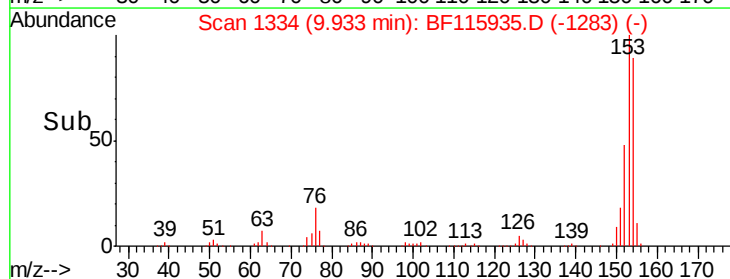
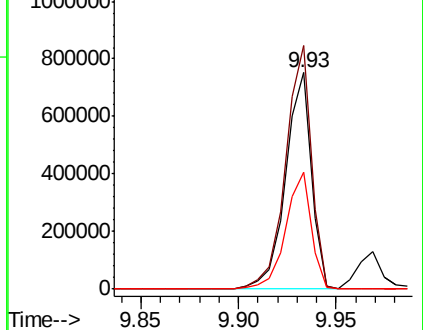
152 53.8 42.6 63.8

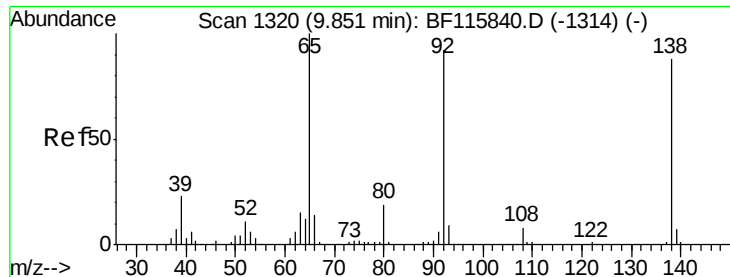


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

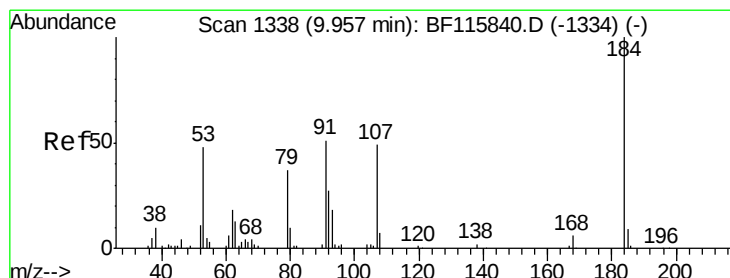
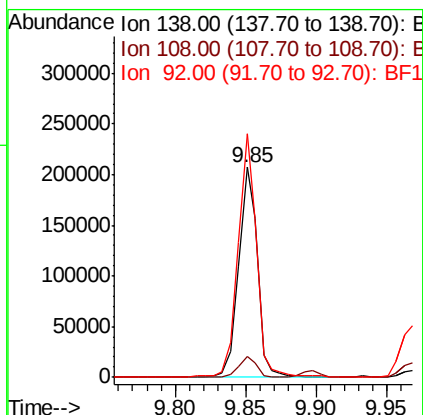
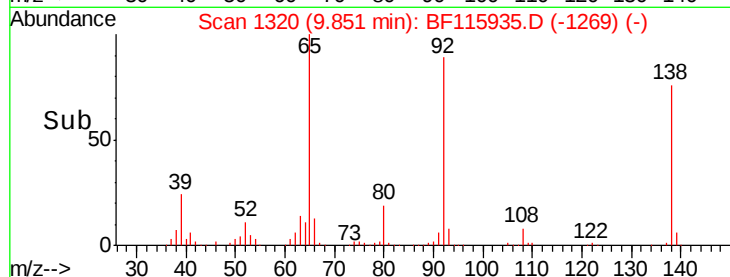
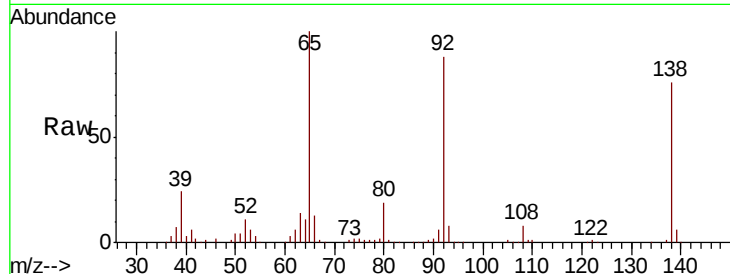




#53
 3-Nitroaniline
 Concen: 35.662 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

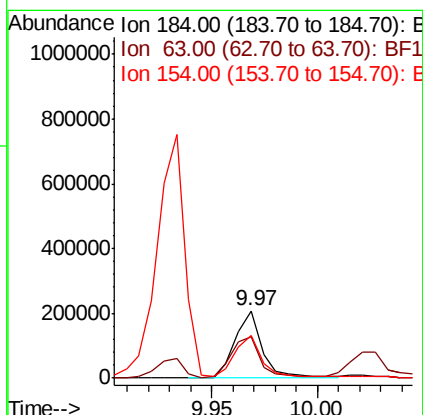
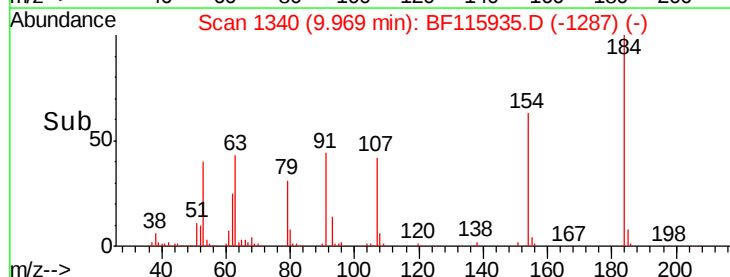
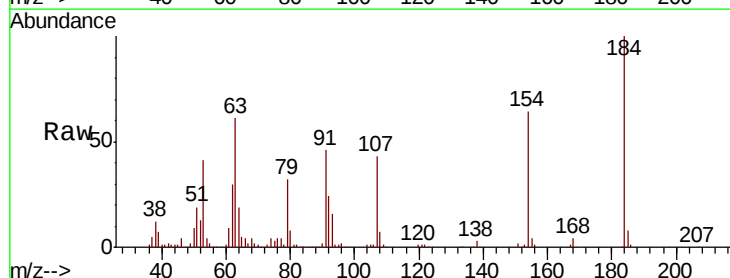
Instrument :
 BNA_F
 ClientSampleId :
 PB121887BS

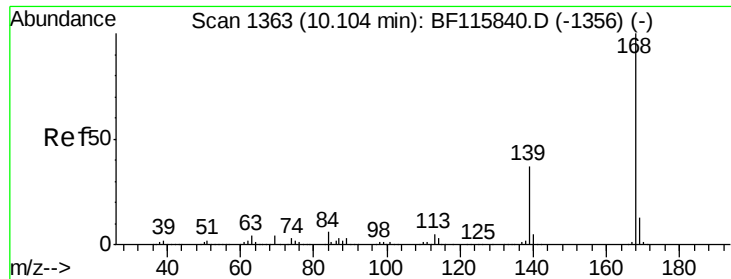
Tot Ion:138 Resp: 192052
 Ion Ratio Lower Upper
 138 100
 108 10.1 7.4 11.2
 92 115.9 83.9 125.9



#54
 2,4-Dinitrophenol
 Concen: 84.858 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Tgt Ion:184 Resp: 189272
 Ion Ratio Lower Upper
 184 100
 63 60.8 56.7 85.1
 154 63.6 51.9 77.9

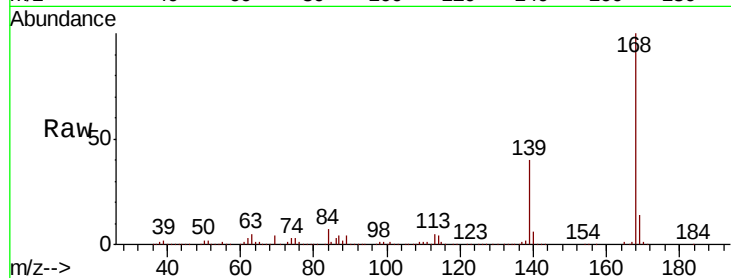




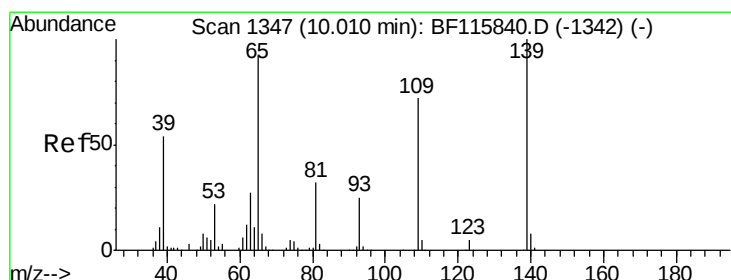
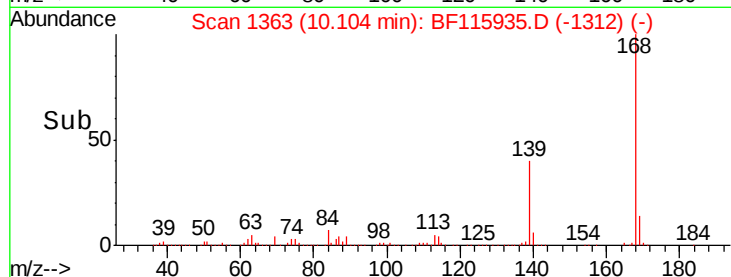
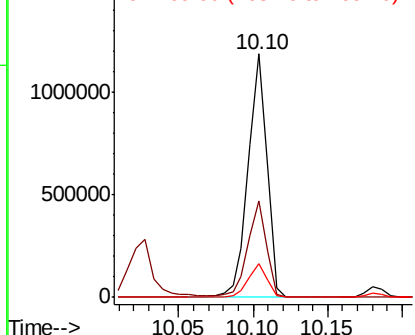
#55
Dibenzofuran
Concen: 45.945 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Instrument :
BNA_F
ClientSampleId :
PB121887BS

Tot Ion:168 Resp: 1035014
Ion Ratio Lower Upper
168 100
139 39.7 30.2 45.2
169 13.9 10.8 16.2

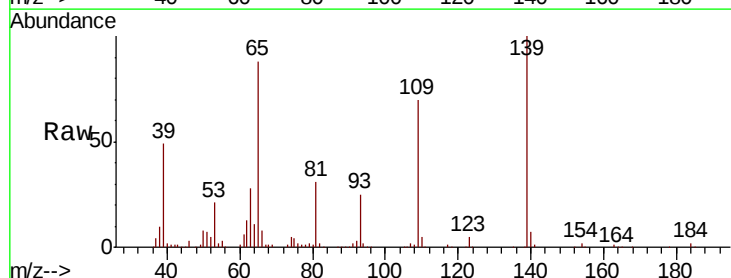


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

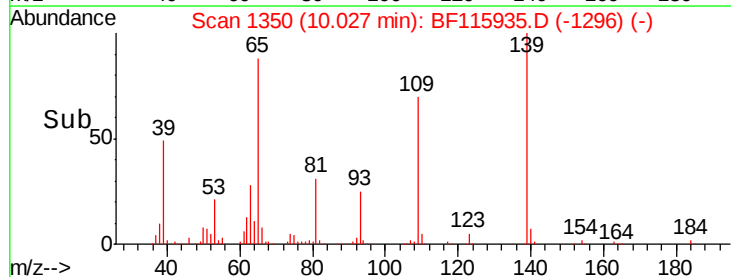
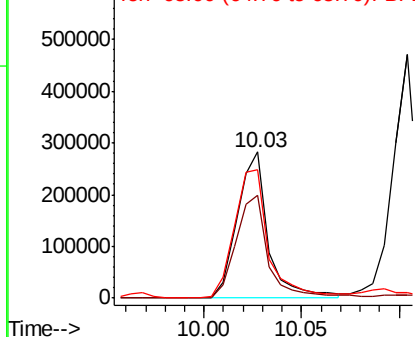


#56
4-Nitrophenol
Concen: 90.278 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:139 Resp: 311446
Ion Ratio Lower Upper
139 100
109 70.0 52.0 92.0
65 88.2 72.6 112.6



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





#57

2,4-Dinitrotoluene

Concen: 45.018 ng

RT: 10.09 min Scan# 1361

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

Tot Ion:165 Resp: 261234

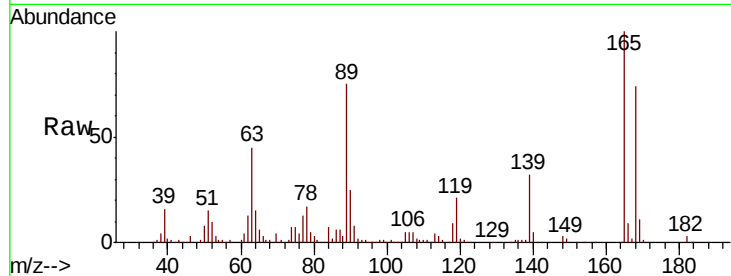
Ion Ratio Lower Upper

165 100

63 45.1 33.2 49.8

89 75.1 57.3 85.9

182 2.6 2.1 3.1

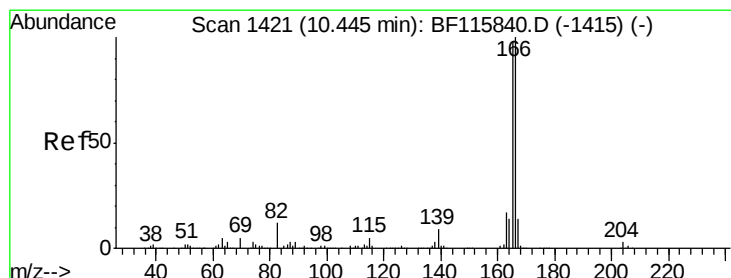
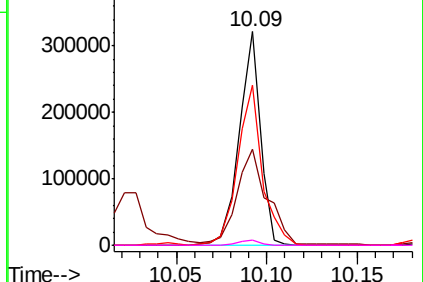
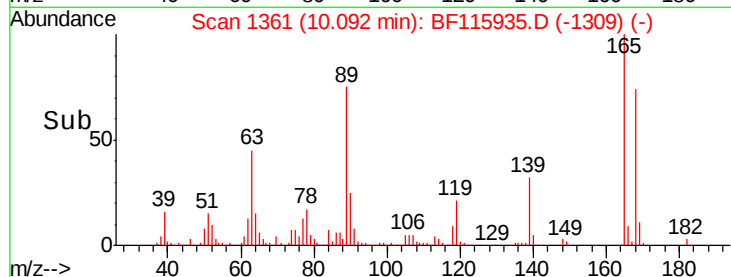


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.056 ng

RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

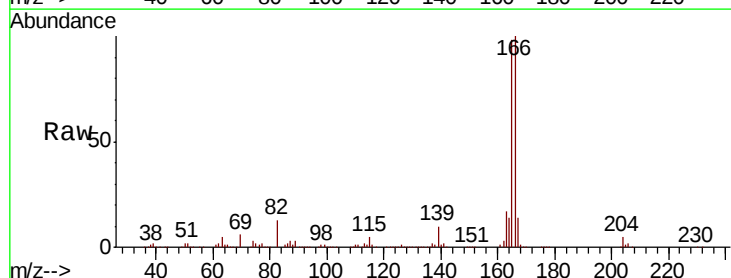
Tgt Ion:166 Resp: 798230

Ion Ratio Lower Upper

166 100

165 98.2 78.6 118.0

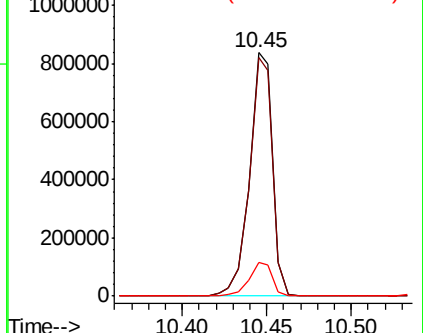
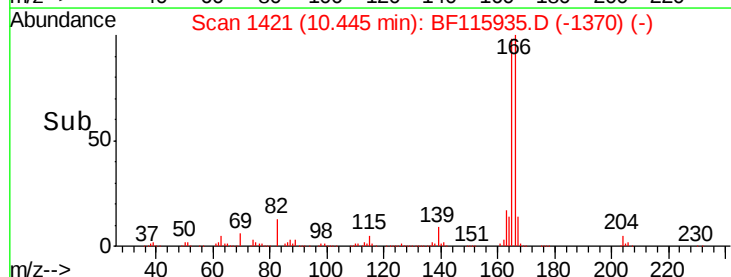
167 13.9 10.9 16.3



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

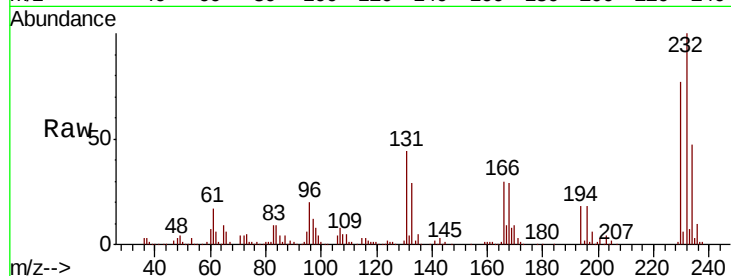




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.043 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.6	37.6	56.4
130	2.5	1.8	2.8
166	29.9	24.6	37.0



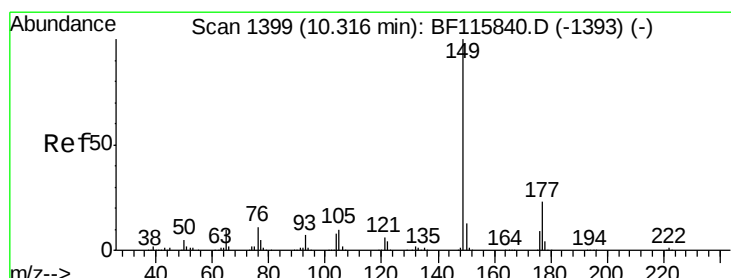
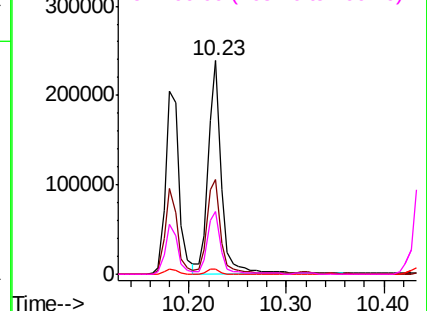
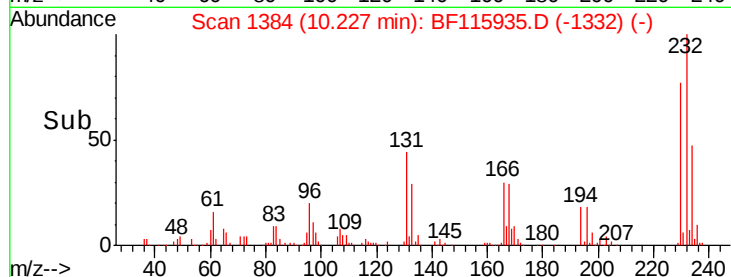
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

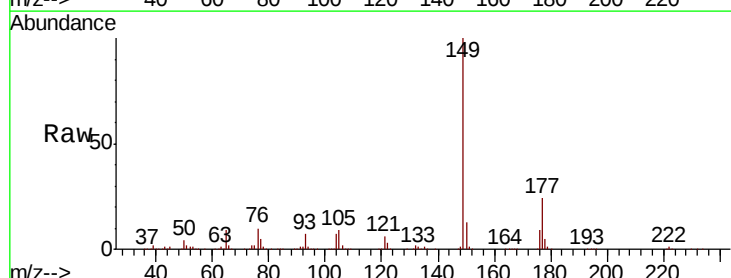
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.877 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.4	27.6
150	12.6	10.1	15.1

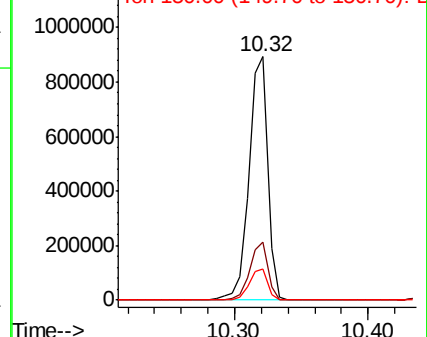
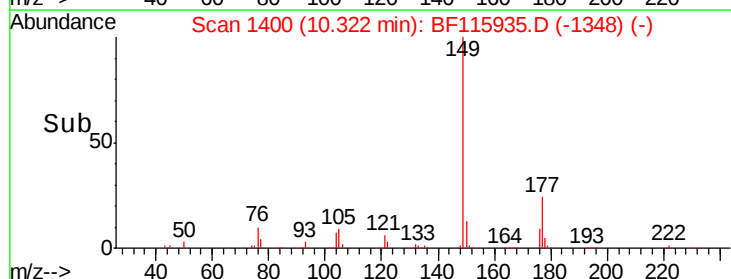


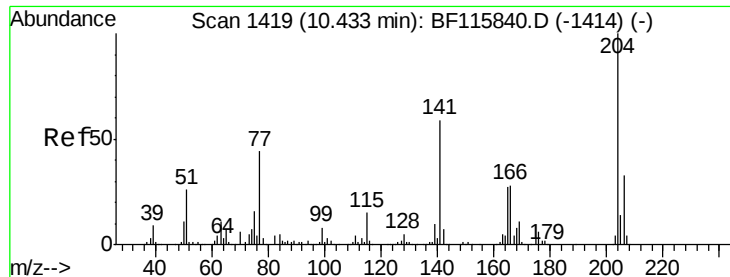
Abundance

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

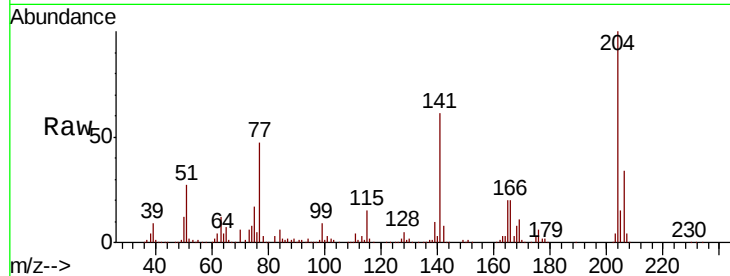




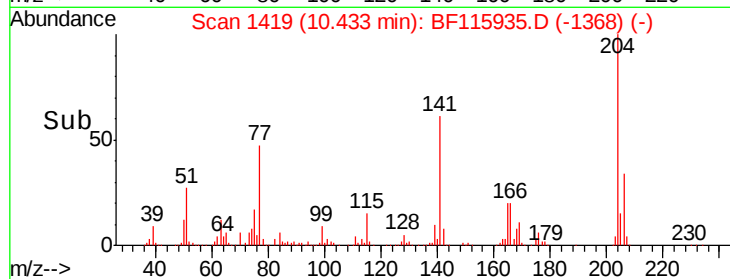
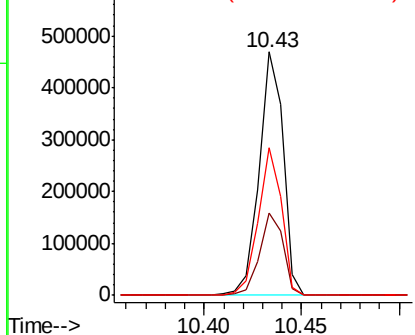
#61
4-Chlorophenyl-phenylether
Concen: 45.459 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Instrument :
BNA_F
ClientSampleId :
PB121887BS

Tot Ion:204 Resp: 399026
Ion Ratio Lower Upper
204 100
206 33.8 26.4 39.6
141 60.8 47.0 70.4

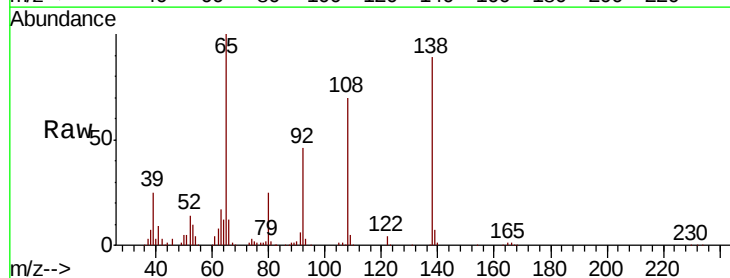


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

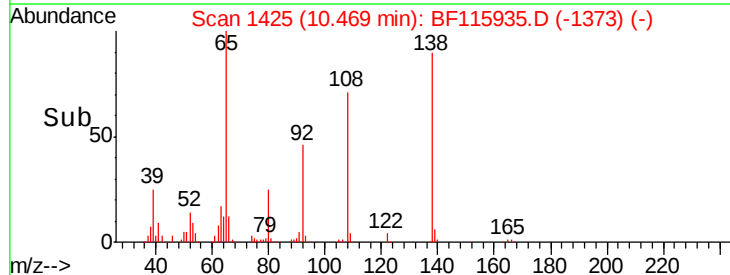
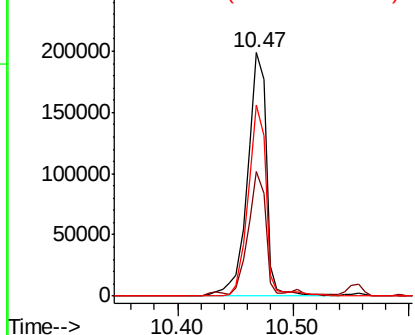


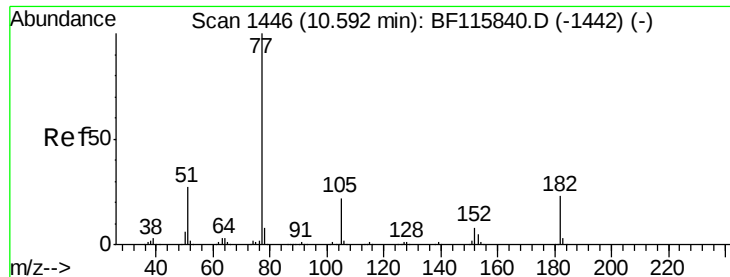
#62
4-Nitroaniline
Concen: 40.569 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:138 Resp: 225786
Ion Ratio Lower Upper
138 100
92 51.2 31.0 71.0
108 78.3 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: 46.364 ng

RT: 10.60 min Scan# 1447

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

Tot Ion: 77 Resp: 892917

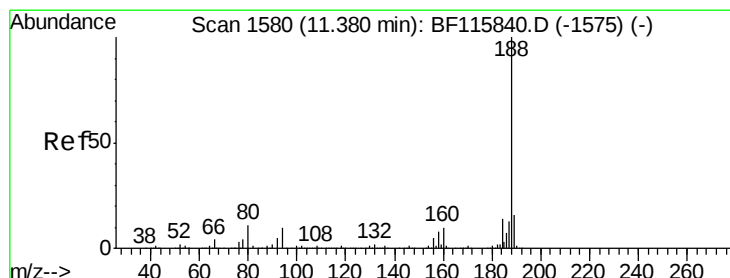
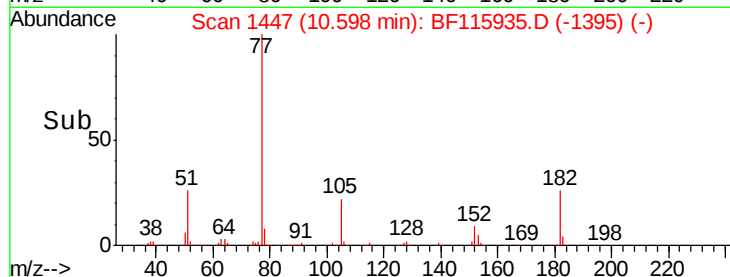
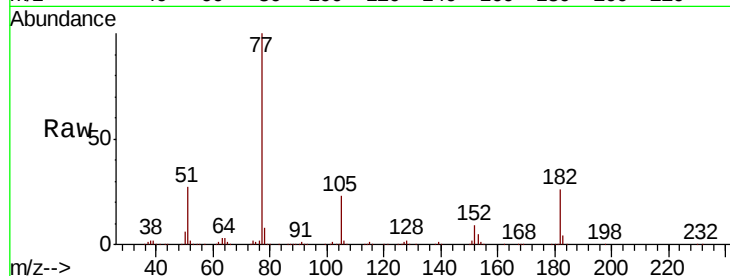
Ion	Ratio	Lower	Upper
77	100		
182	25.8	2.6	42.6
105	22.6	1.6	41.6
51	26.5	7.4	47.4

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: 11.39 min Scan# 1581

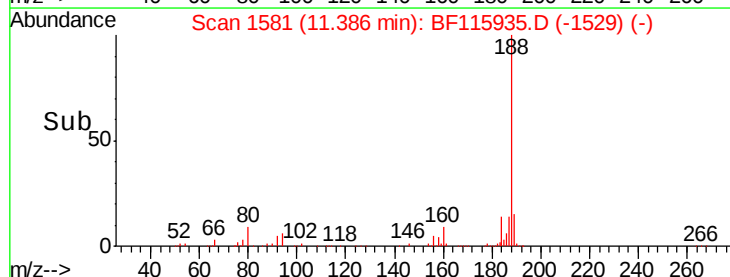
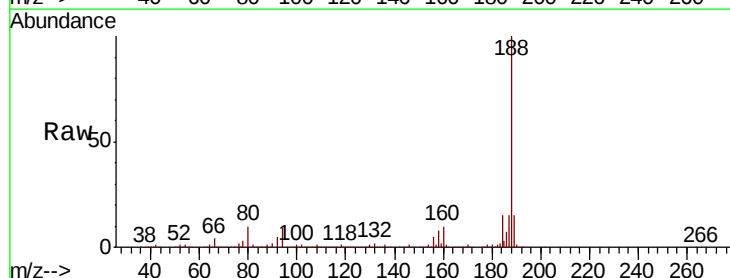
Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Tgt Ion: 188 Resp: 567562

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.8	8.6	12.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

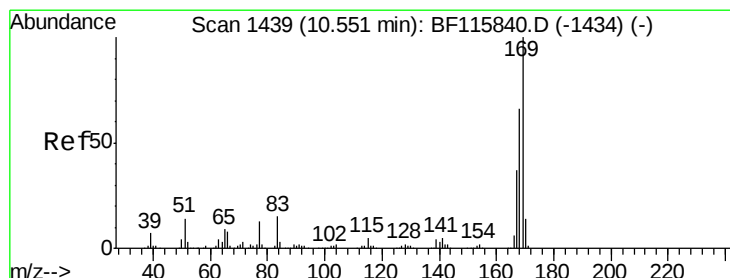
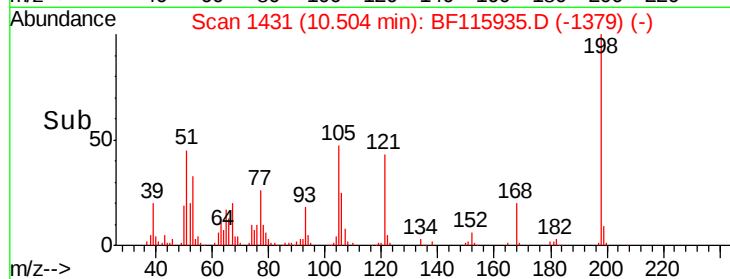
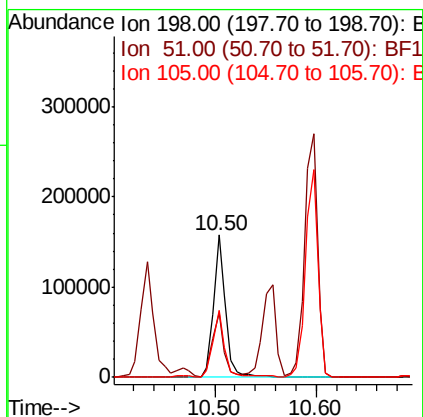
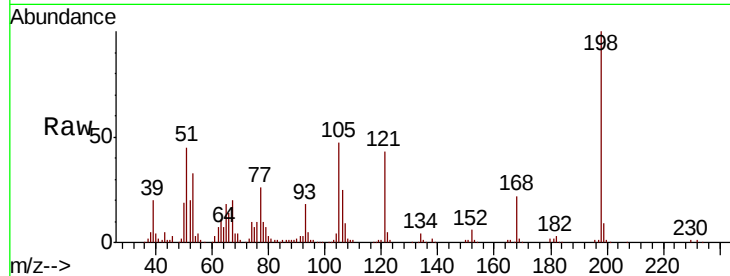
Ion 80.00 (79.70 to 80.70): BF1



#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.009 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

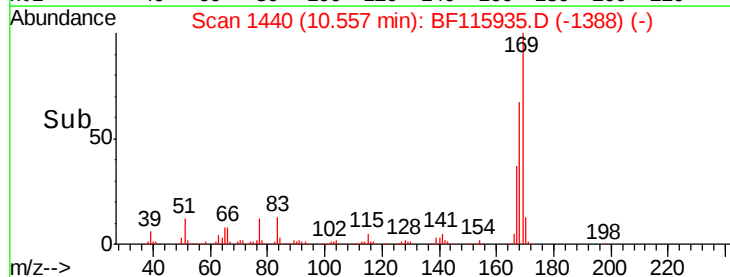
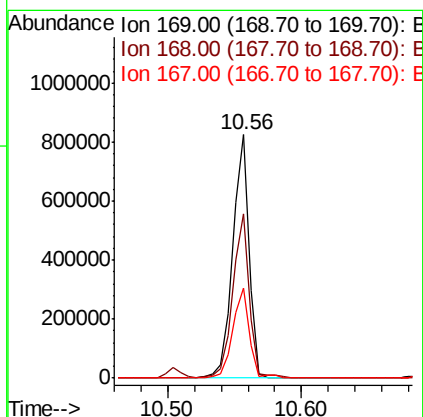
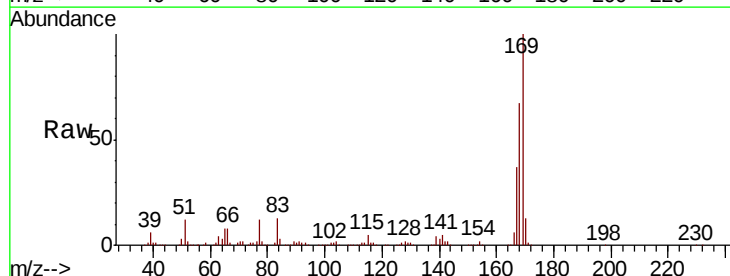
Instrument :
 BNA_F
 ClientSampleId :
 PB121887BS

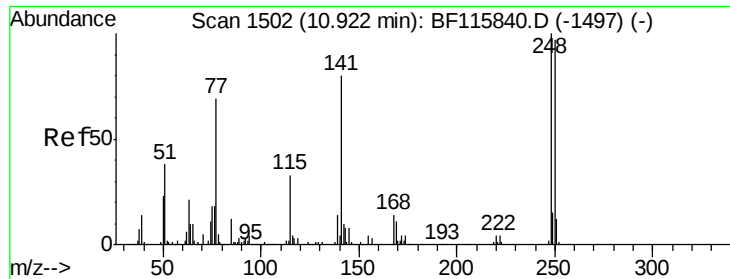
Tot Ion	Ratio	Lower	Upper
198	100		
51	44.9	21.1	61.1
105	46.8	24.5	64.5



#66
 n-Nitrosodiphenylamine
 Concen: 41.817 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.0	79.6
167	36.9	29.9	44.9

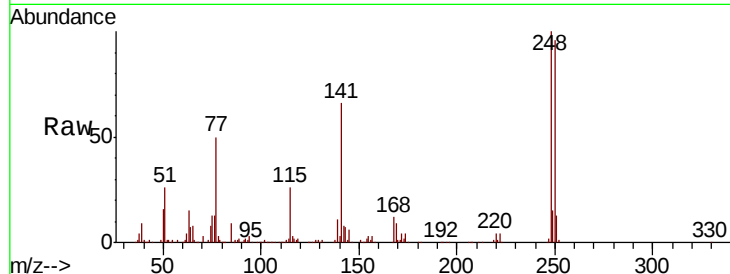




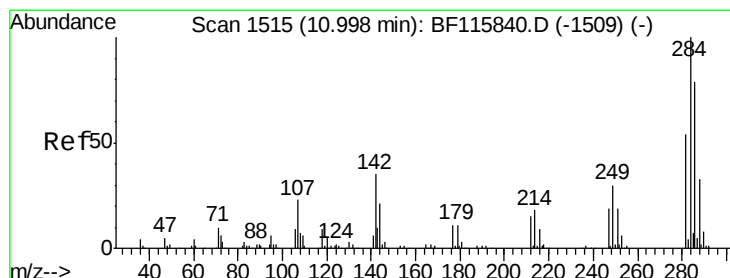
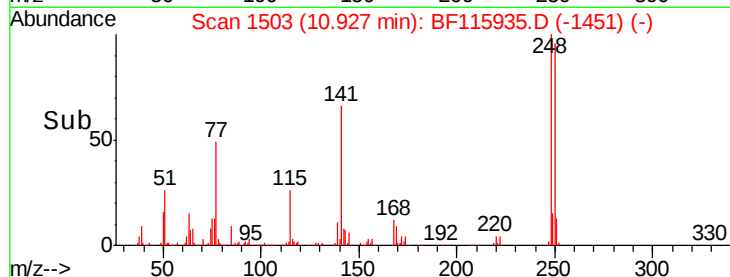
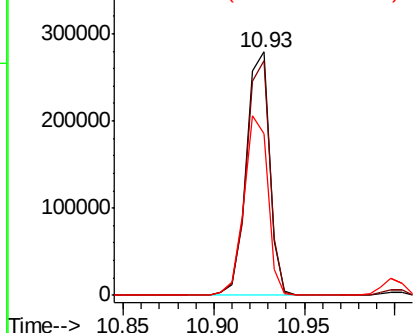
#67
4-Bromophenyl-phenylether
Concen: 41.080 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Instrument :
BNA_F
ClientSampleId :
PB121887BS

Tot Ion:248 Resp: 249593
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.6
141 66.4 64.3 96.5

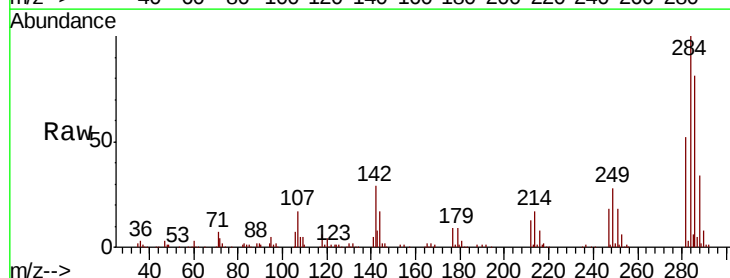


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

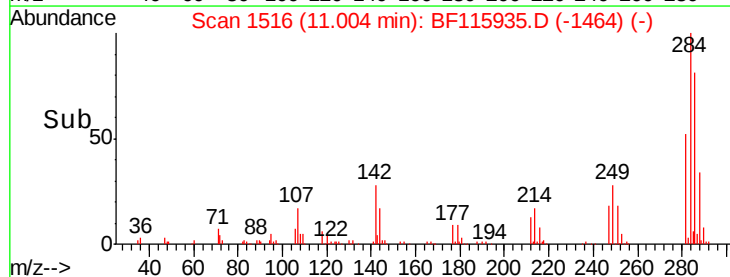
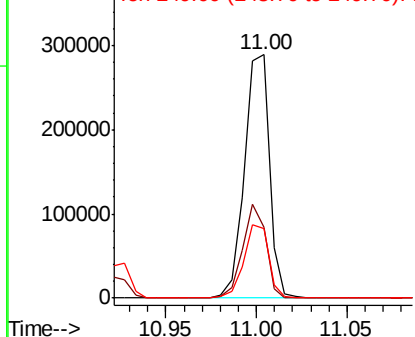


#68
Hexachlorobenzene
Concen: 39.467 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:284 Resp: 277279
Ion Ratio Lower Upper
284 100
142 29.0 28.2 42.2
249 28.5 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: 37.148 ng

RT: 11.08 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

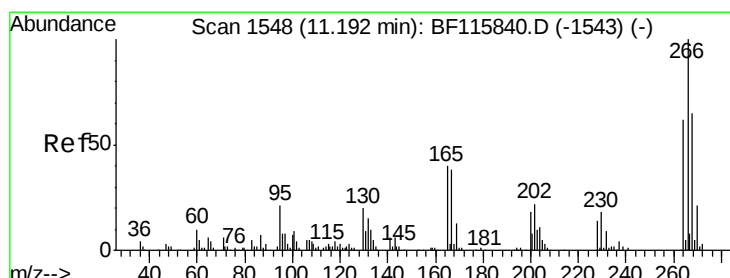
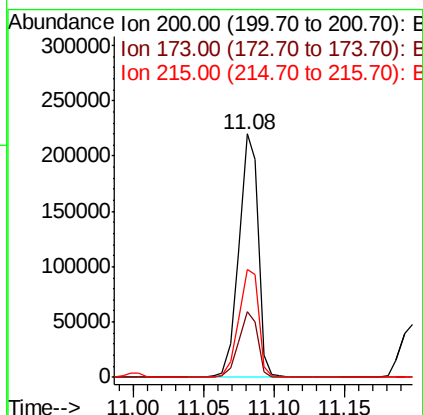
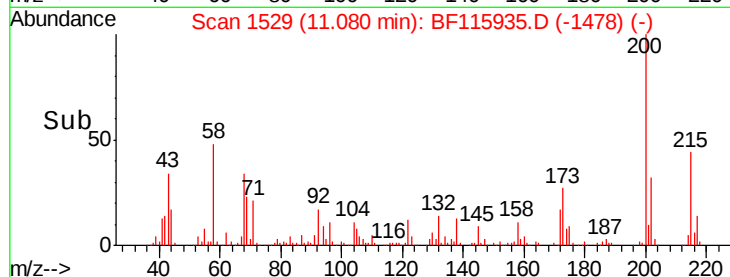
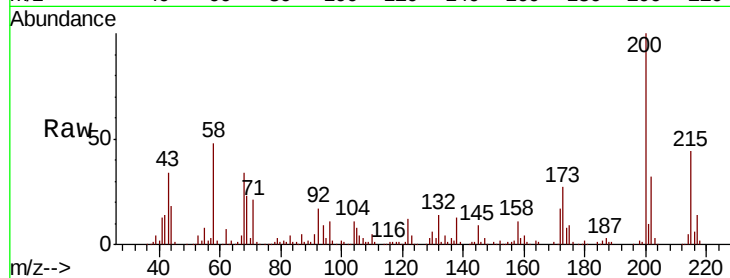
Tot Ion:200 Resp: 208774

Ion Ratio Lower Upper

200 100

173 27.2 7.3 47.3

215 44.5 26.9 66.9



#70

Pentachlorophenol

Concen: 84.061 ng

RT: 11.20 min Scan# 1549

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

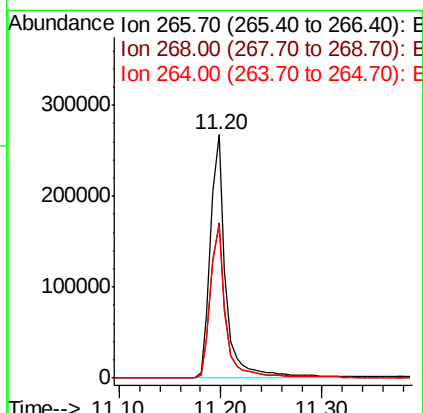
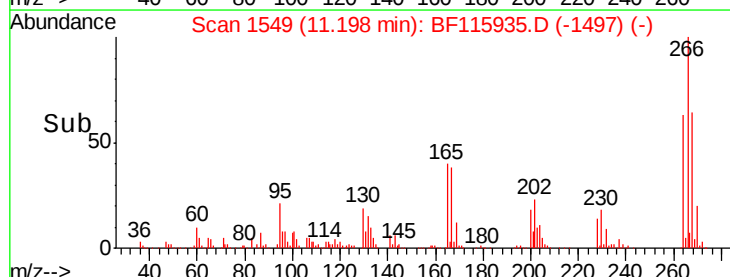
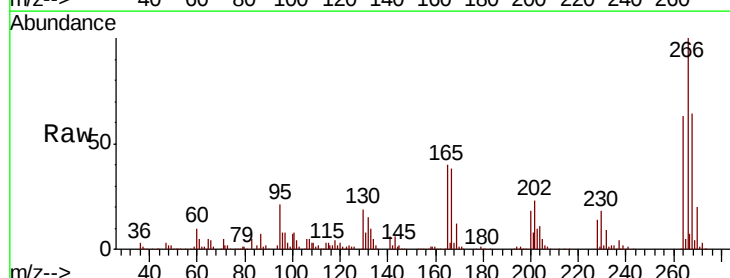
Tgt Ion:266 Resp: 286724

Ion Ratio Lower Upper

266 100

268 63.7 51.6 77.4

264 62.7 49.4 74.0

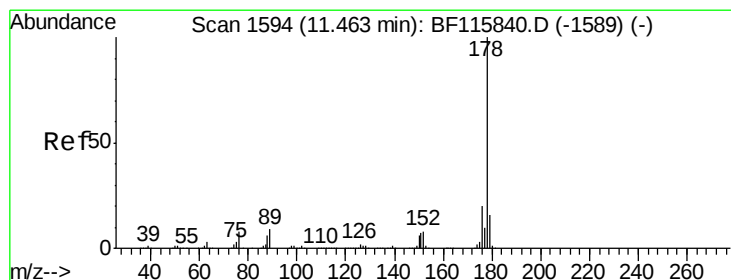
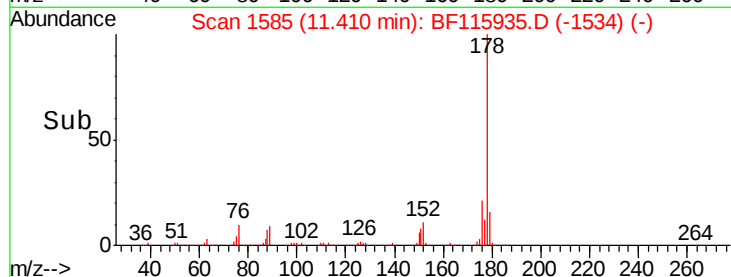
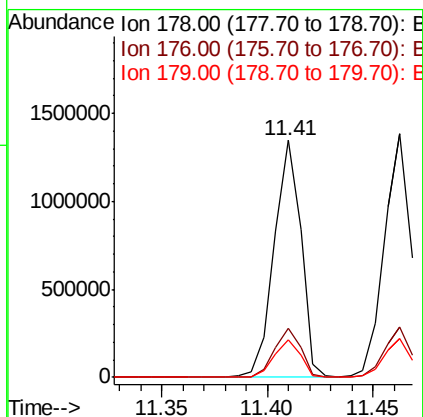
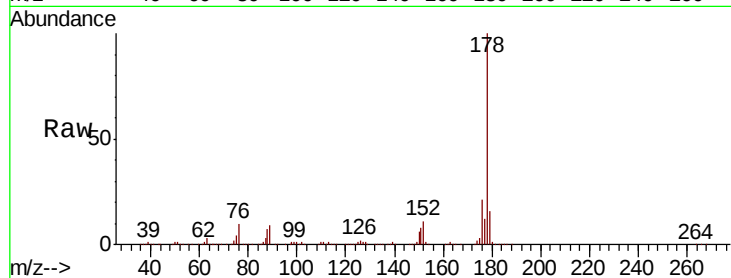




#71
Phenanthrene
Concen: 41.096 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

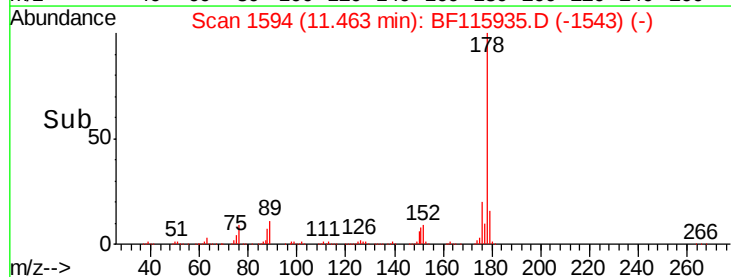
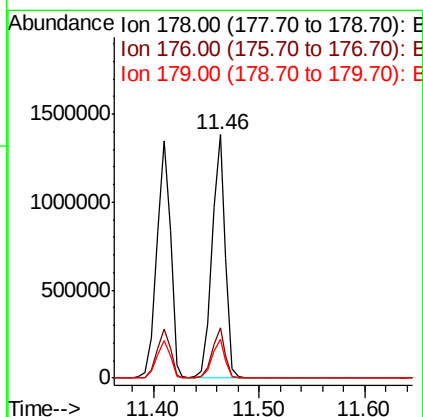
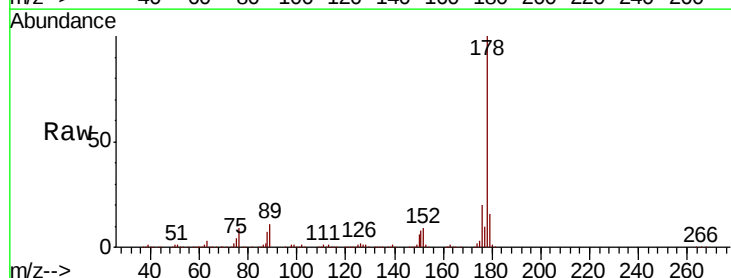
Instrument :
BNA_F
ClientSampleId :
PB121887BS

Tot Ion:178 Resp: 1192414
Ion Ratio Lower Upper
178 100
176 20.5 16.5 24.7
179 16.0 12.6 18.8



#72
Anthracene
Concen: 41.583 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:178 Resp: 1221073
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 16.2 12.4 18.6





#73

Carbazole

Concen: 42.047 ng

RT: 11.62 min Scan# 1620

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

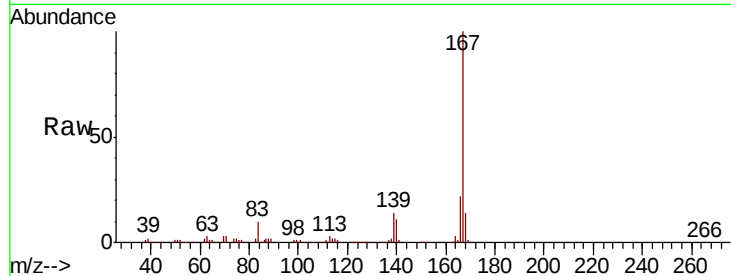
Tot Ion:167 Resp: 1120176

Ion Ratio Lower Upper

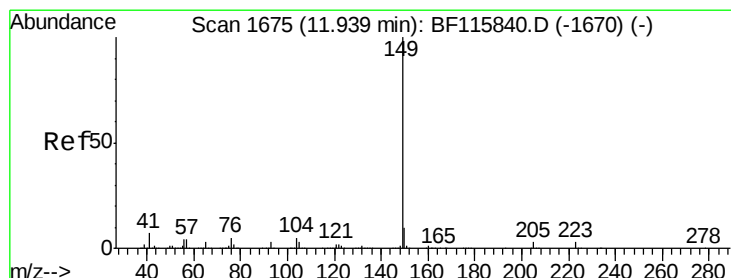
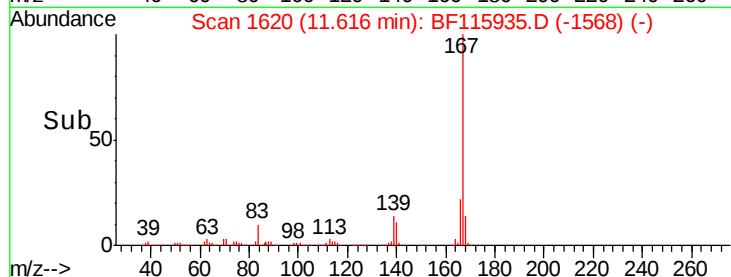
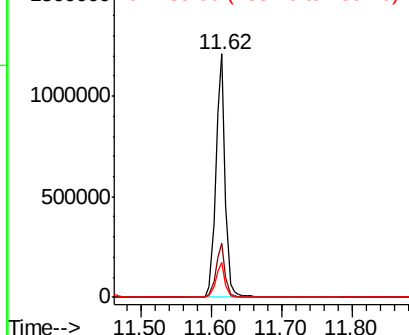
167 100

166 22.4 18.0 27.0

139 14.2 11.4 17.2



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



#74

Di-n-butylphthalate

Concen: 43.772 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

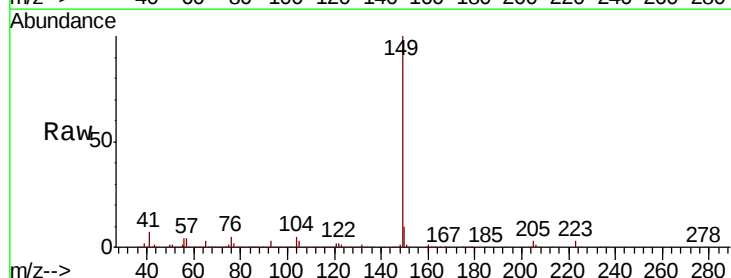
Tgt Ion:149 Resp: 1360326

Ion Ratio Lower Upper

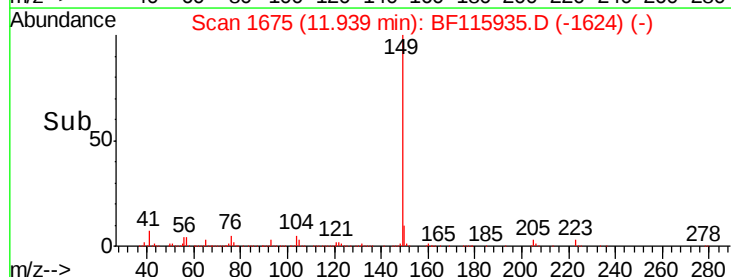
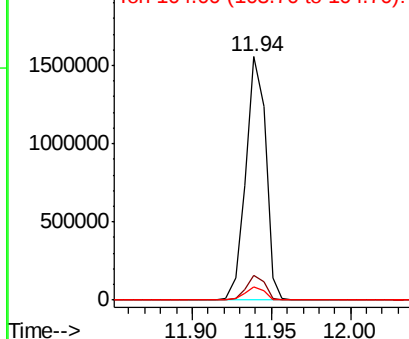
149 100

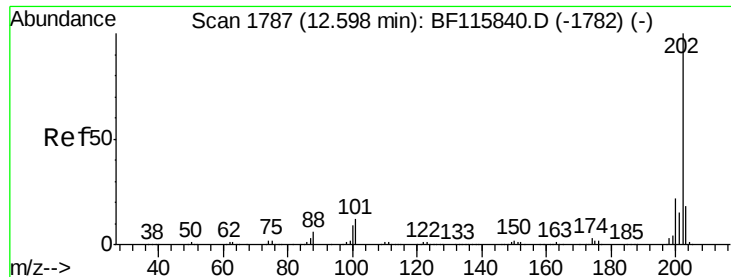
150 10.0 7.7 11.5

104 5.4 4.3 6.5



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



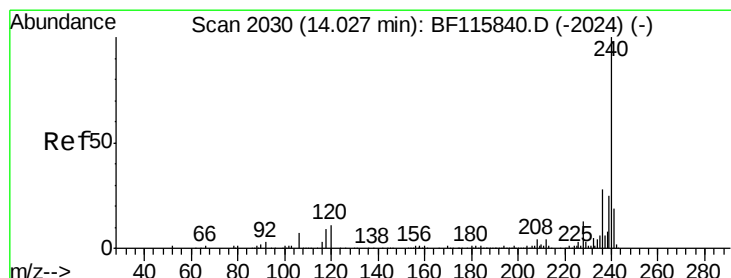
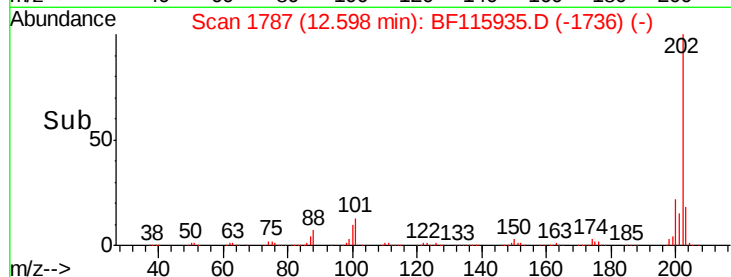
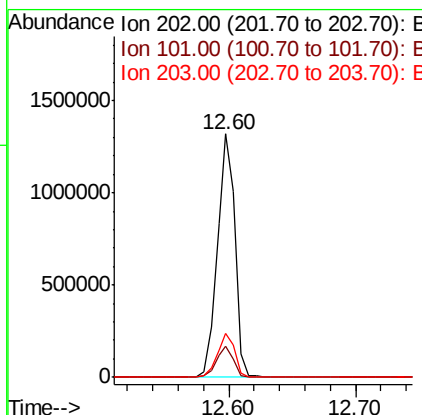
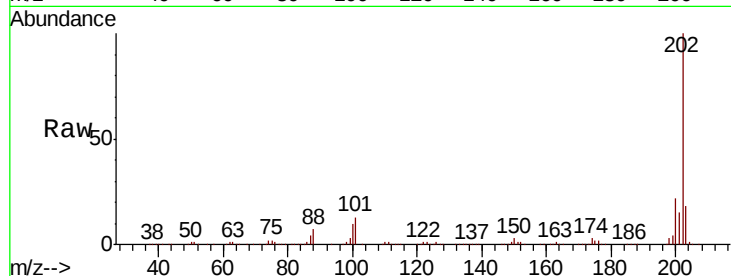


#75
 Fluoranthene
 Concen: 42.148 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Instrument :
 BNA_F
 ClientSampleId :
 PB121887BS

Tot Ion:202 Resp: 1280290

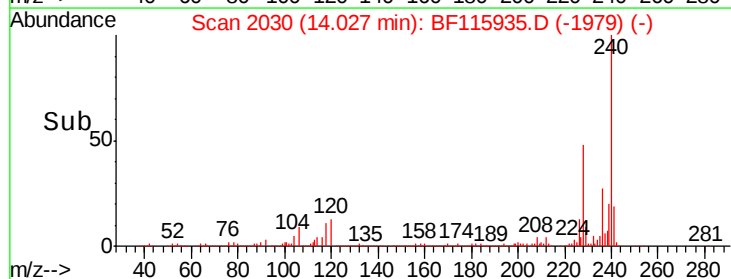
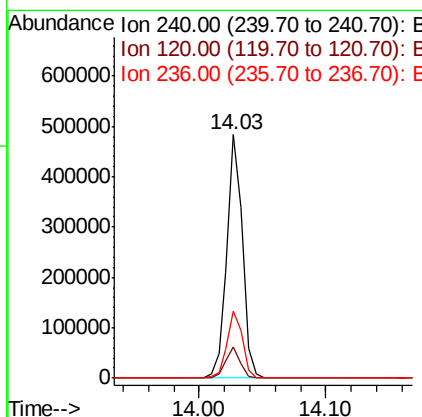
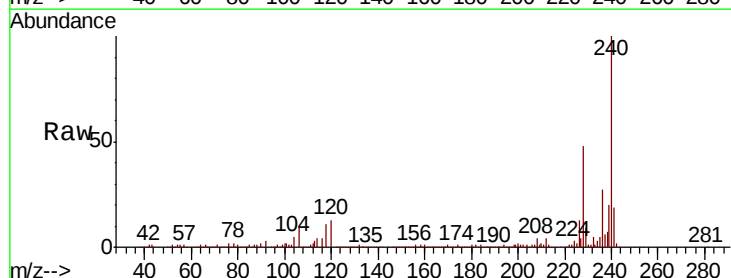
Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.5
203	18.2	0.0	37.9

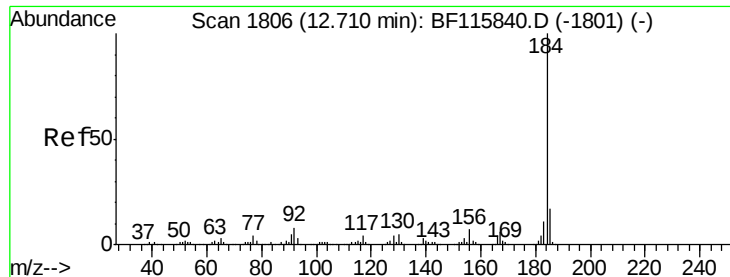


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF115935.D
 Acq: 2 Aug 2019 10:00

Tgt Ion:240 Resp: 411870

Ion	Ratio	Lower	Upper
240	100		
120	12.6	8.5	12.7
236	27.3	22.2	33.2





#77

Benzidine

Concen: 14.718 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

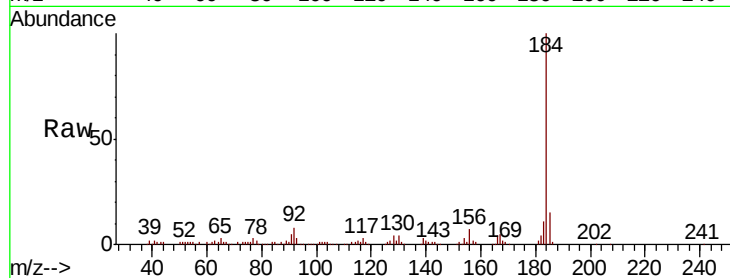
Tot Ion:184 Resp: 204803

Ion Ratio Lower Upper

184 100

185 14.7 13.4 20.2

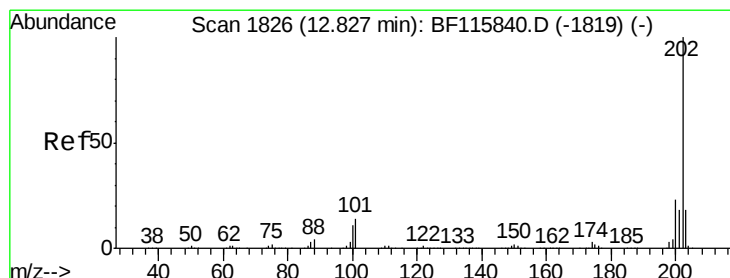
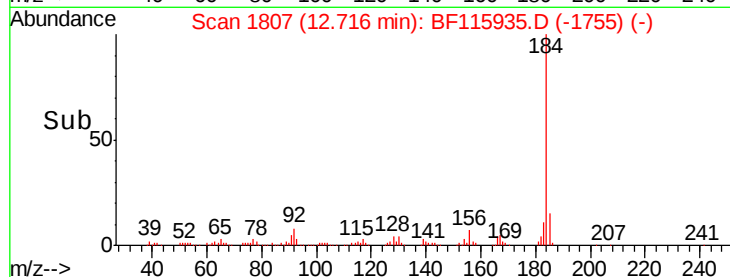
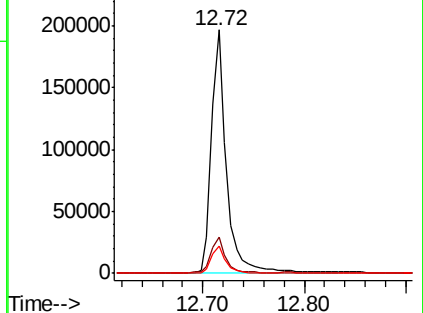
183 11.4 9.1 13.7



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: 42.346 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

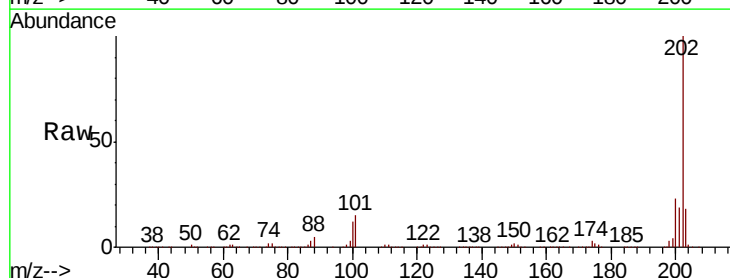
Tgt Ion:202 Resp: 1314743

Ion Ratio Lower Upper

202 100

200 22.7 18.2 27.2

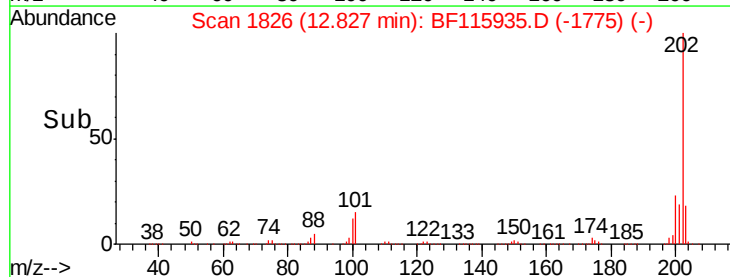
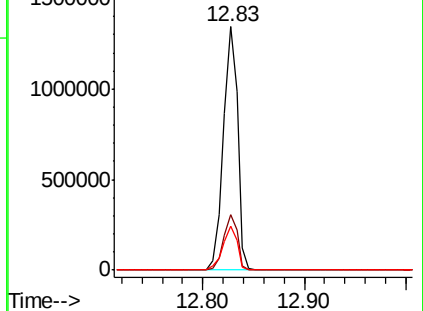
203 18.2 14.3 21.5



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: 85.157 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

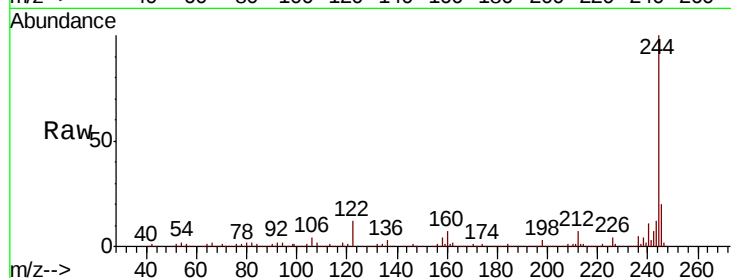
Tot Ion:244 Resp: 1664494

Ion Ratio Lower Upper

244 100

212 7.3 5.6 8.4

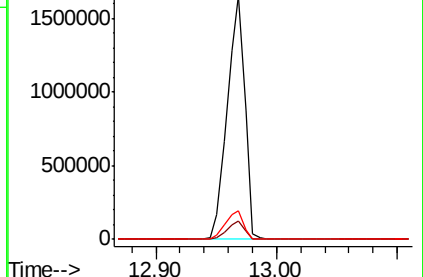
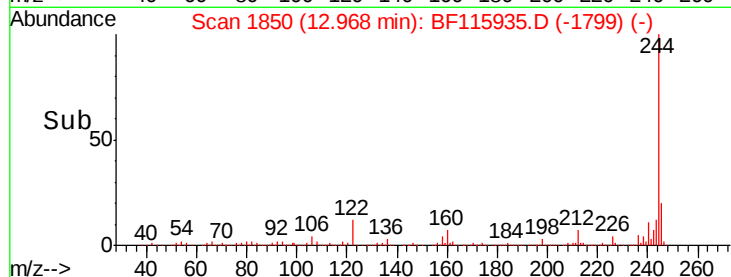
122 11.6 8.6 13.0



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: 44.945 ng

RT: 13.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

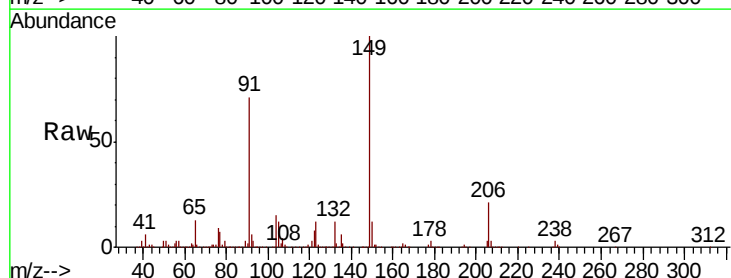
Tgt Ion:149 Resp: 590264

Ion Ratio Lower Upper

149 100

91 71.3 57.0 85.6

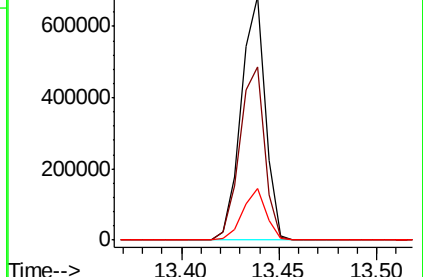
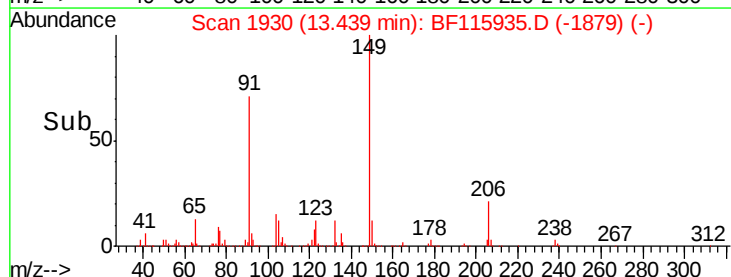
206 21.3 16.9 25.3



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

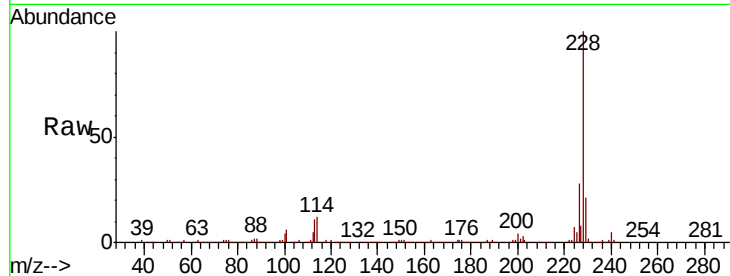




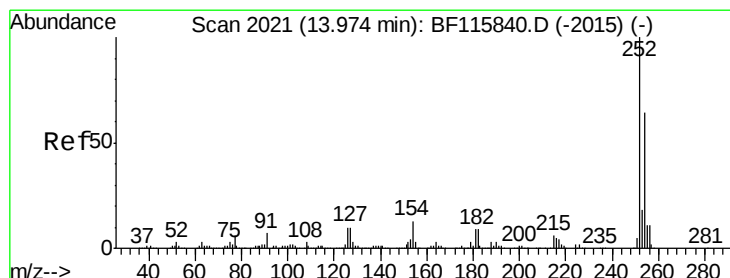
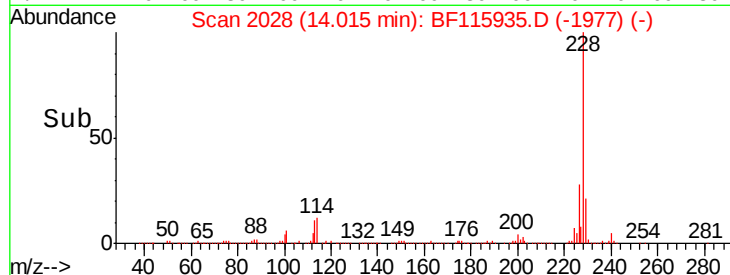
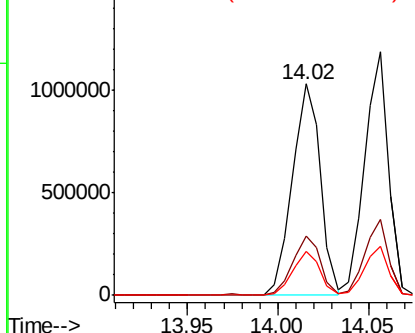
#81
Benzo(a)anthracene
Concen: 42.327 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Instrument :
BNA_F
ClientSampleId :
PB121887BS

Tot Ion:228 Resp: 1114272
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 21.0 16.1 24.1

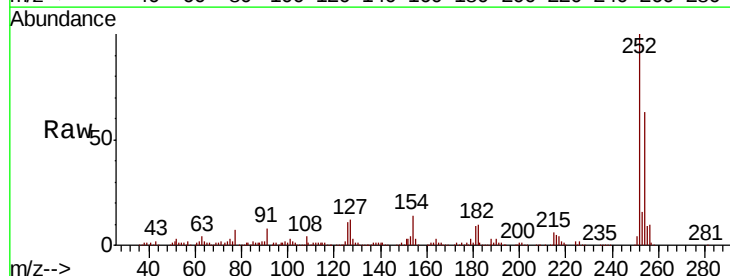


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

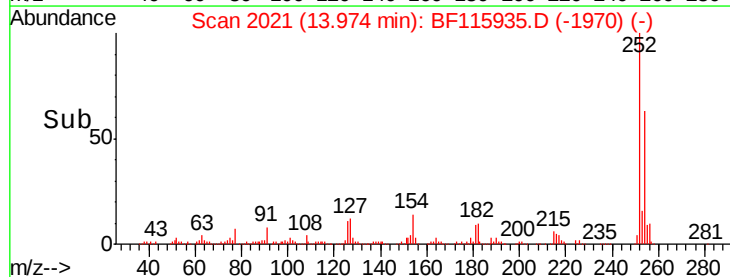
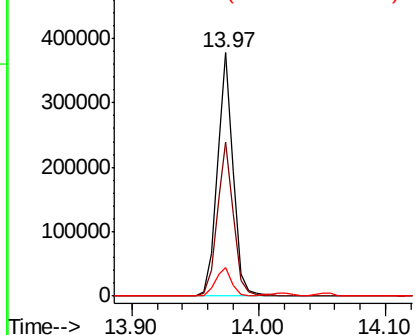


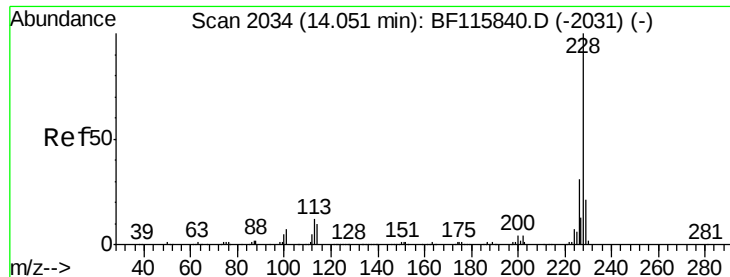
#82
3,3'-Dichlorobenzidine
Concen: 36.504 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF115935.D
Acq: 2 Aug 2019 10:00

Tgt Ion:252 Resp: 333861
Ion Ratio Lower Upper
252 100
254 63.4 51.2 76.8
126 11.5 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: 42.665 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

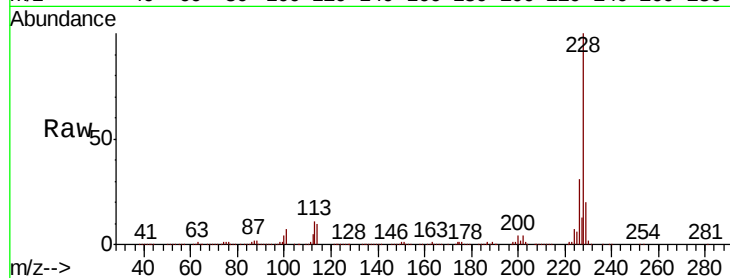
BNA_F

ClientSampleId :

PB121887BS

Tot Ion:228 Resp: 1090412

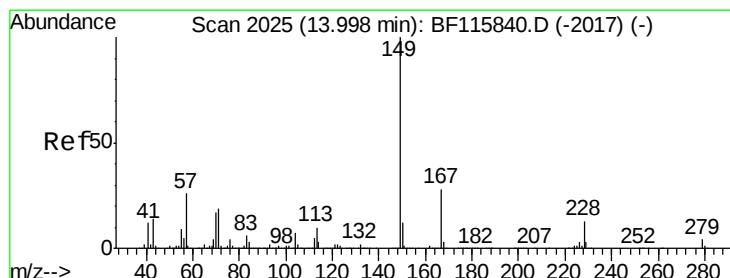
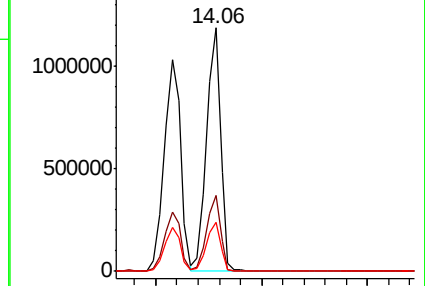
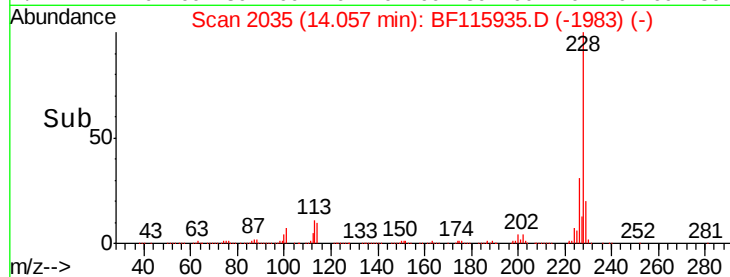
Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	20.2	16.4	24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.172 ng

RT: 14.00 min Scan# 2025

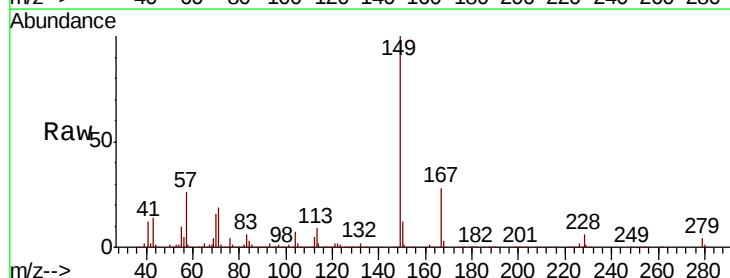
Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Tgt Ion:149 Resp: 822124

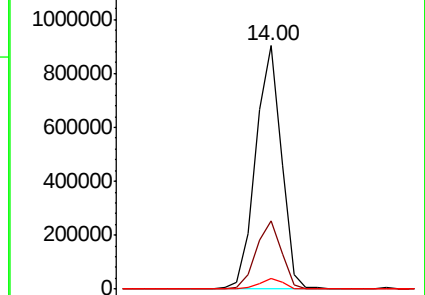
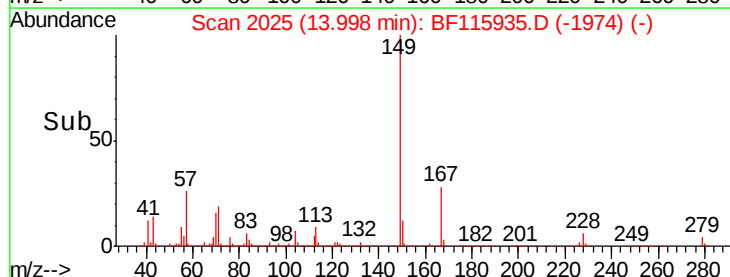
Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	4.2	3.3	4.9

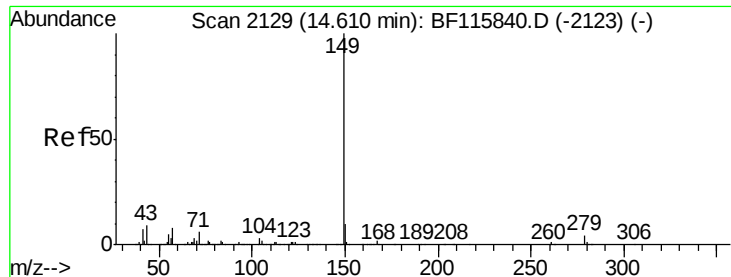


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.248 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

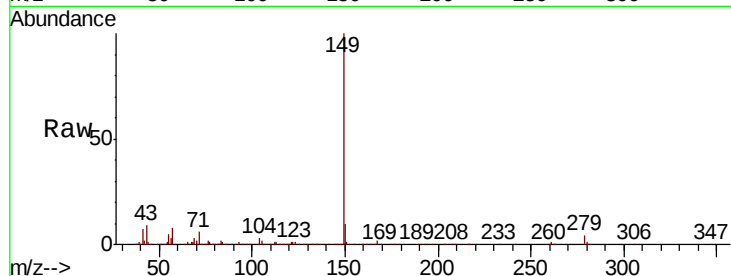
Tot Ion:149 Resp: 1307899

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

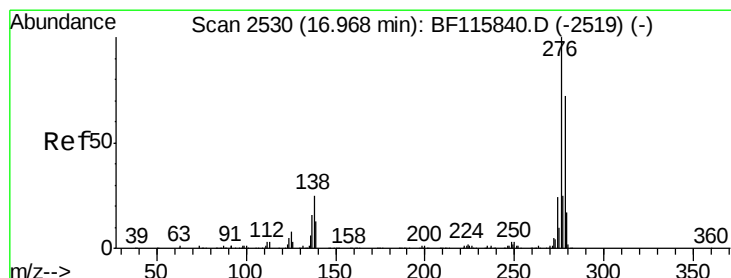
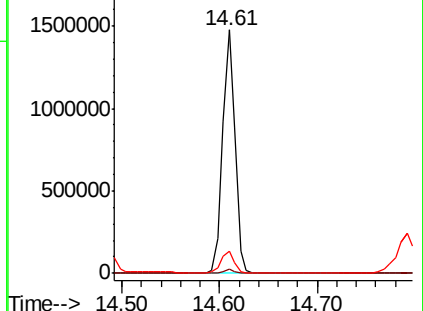
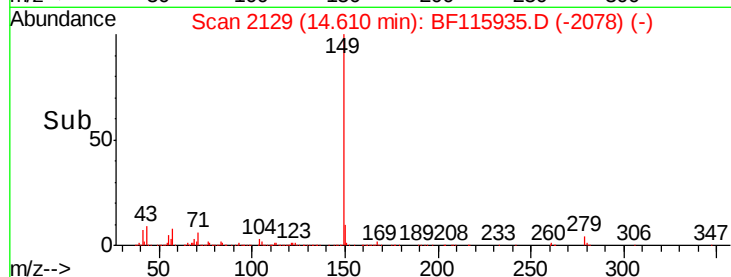
43 9.1 7.4 11.0



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: 41.586 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

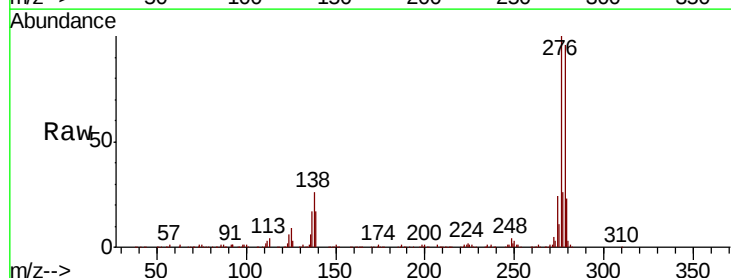
Tgt Ion:276 Resp: 892667

Ion Ratio Lower Upper

276 100

138 26.0 19.6 29.4

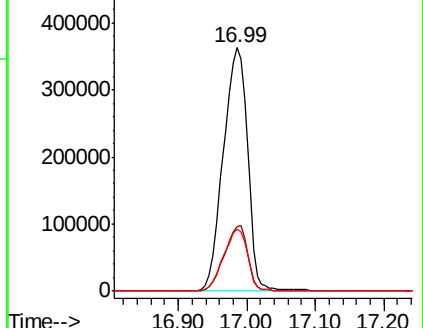
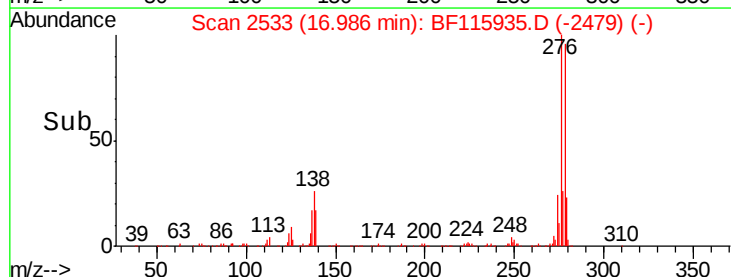
277 25.2 20.1 30.1

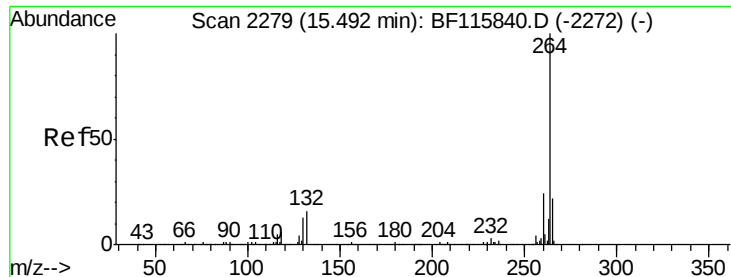


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

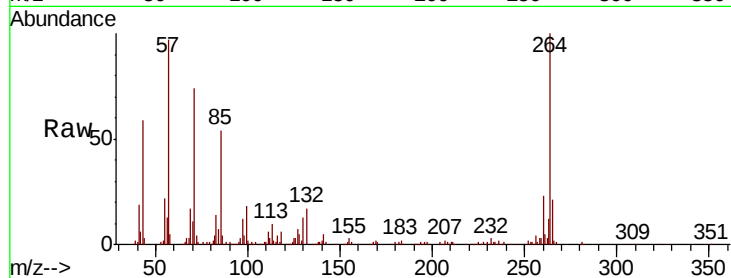
Tot Ion:264 Resp: 264085

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.2

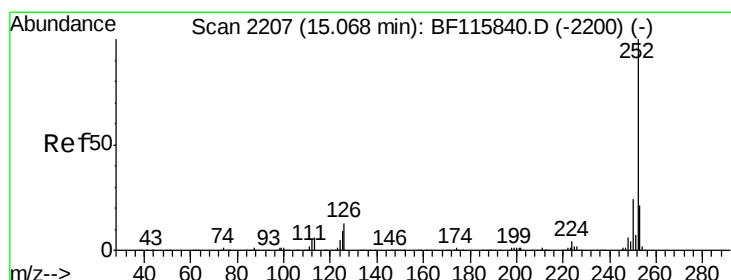
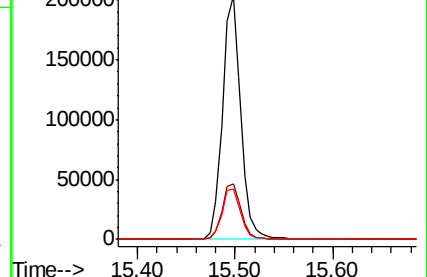
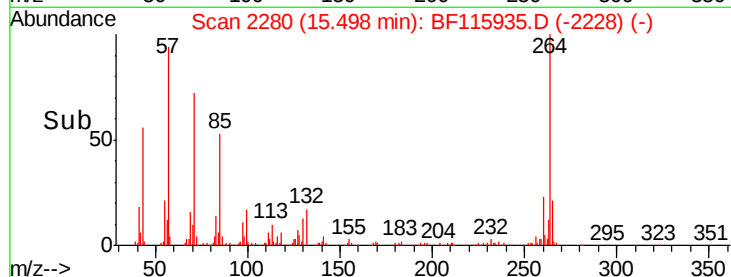
265 20.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 59.508 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.04 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

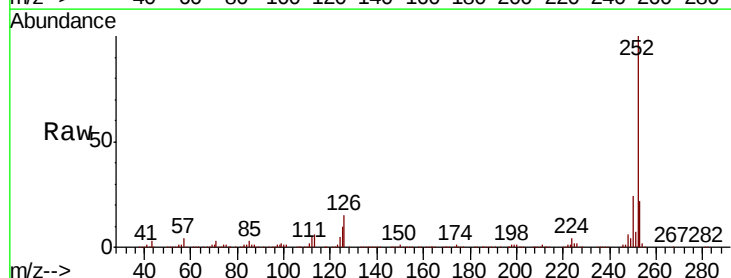
Tgt Ion:252 Resp: 908676

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

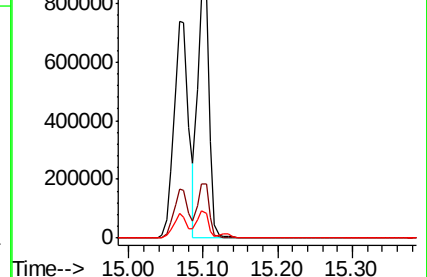
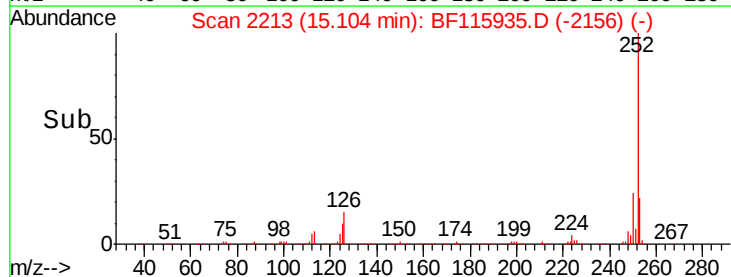
125 10.0 7.4 11.0

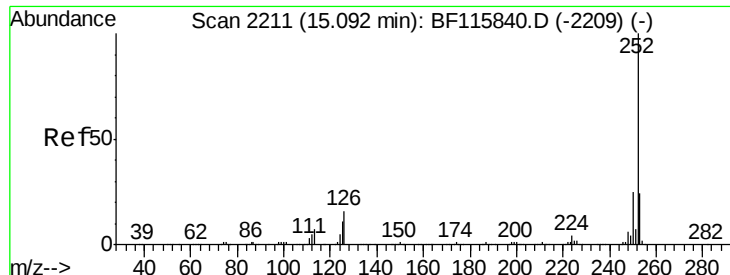


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 61.096 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

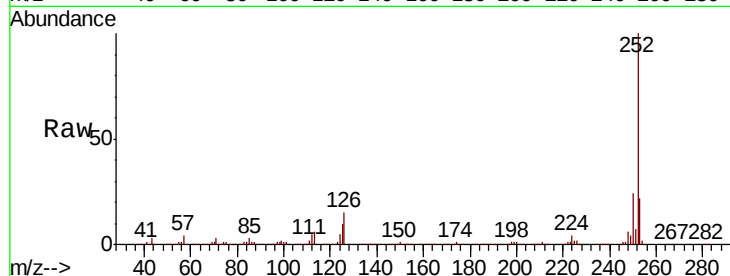
Tot Ion:252 Resp: 908676

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

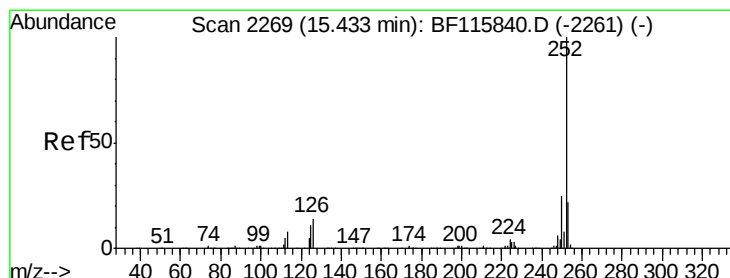
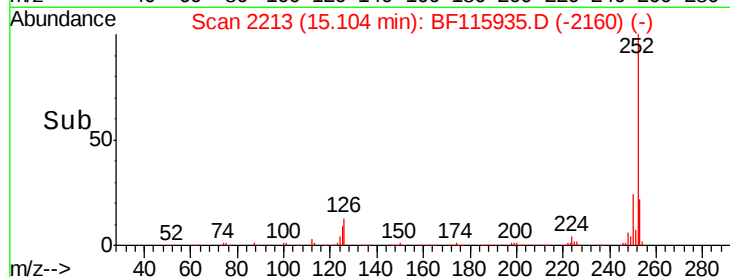
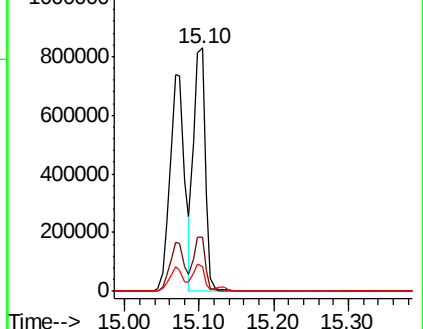
125 10.0 8.9 13.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 65.551 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

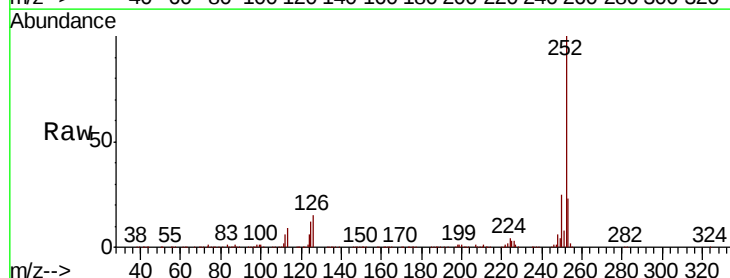
Tgt Ion:252 Resp: 894771

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

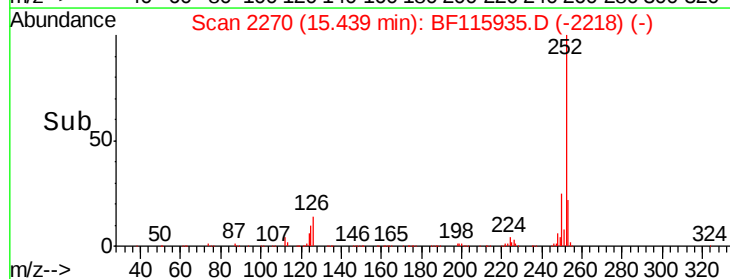
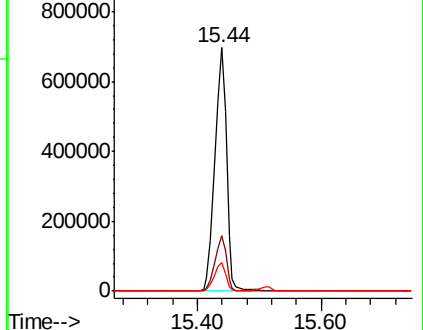
125 12.0 8.8 13.2

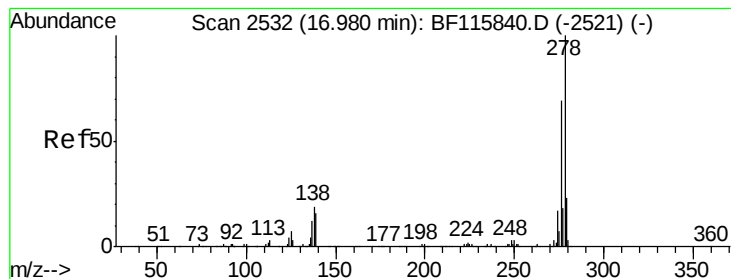


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 65.010 ng

RT: 16.99 min Scan# 2534

Delta R.T. 0.01 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

Instrument :

BNA_F

ClientSampleId :

PB121887BS

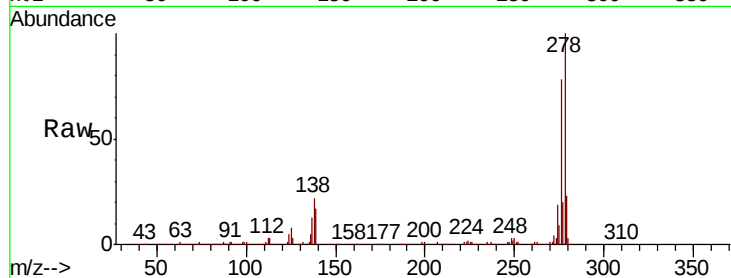
Tot Ion:278 Resp: 768124

Ion Ratio Lower Upper

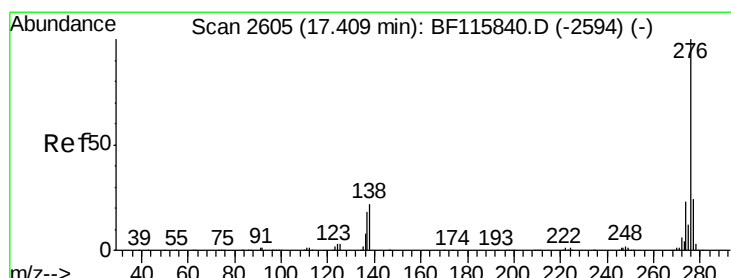
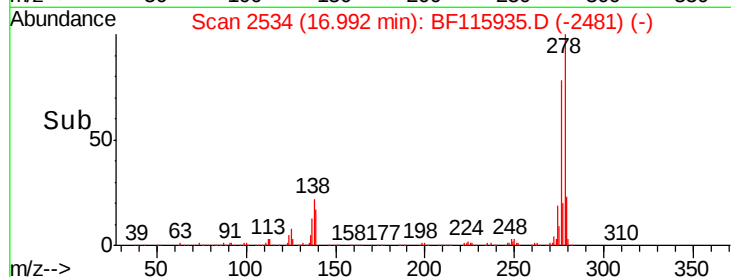
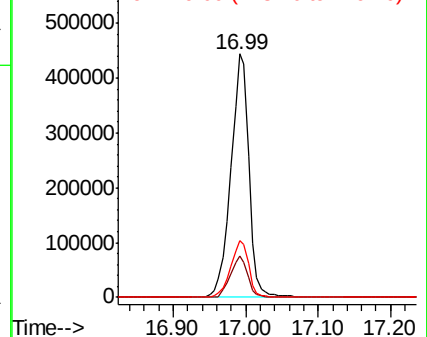
278 100

139 16.8 12.6 19.0

279 23.2 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: 64.043 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF115935.D

Acq: 2 Aug 2019 10:00

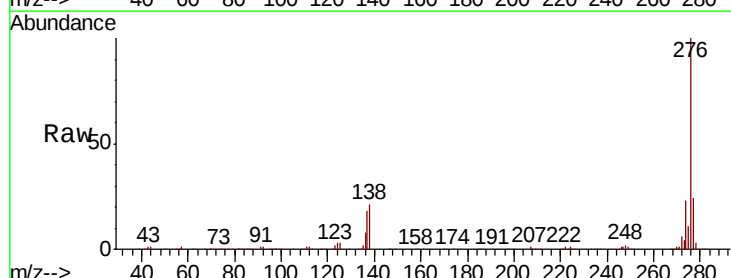
Tgt Ion:276 Resp: 743154

Ion Ratio Lower Upper

276 100

277 23.7 19.5 29.3

138 21.3 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

