

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
 Data File : BF115940.D
 Acq On : 2 Aug 2019 12:13
 Operator : HP/JU
 Sample : PB121939BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121939BS

Quant Time: Aug 02 16:43:50 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	153097	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	604450	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	330095	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	577770	20.00	ng	0.00
76) Chrysene-d12	14.03	240	421272	20.00	ng	0.00
87) Perylene-d12	15.49	264	342513	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1041128	113.84	ng	0.02
7) Phenol-d6	6.49	99	1340514	116.18	ng	0.00
23) Nitrobenzene-d5	7.42	82	852198	81.38	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	384295	120.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1479420	83.95	ng	0.00
79) Terphenyl-d14	12.97	244	1705321	85.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	193194	41.816	ng	98
3) Pyridine	3.43	79	359470	27.853	ng	99
4) n-Nitrosodimethylamine	3.37	42	181126	35.563	ng	99
6) Aniline	6.52	93	479199	29.000	ng	95
8) 2-Chlorophenol	6.65	128	407621	40.307	ng	98
9) Benzaldehyde	6.40	77	68004	8.542	ng	98
10) Phenol	6.50	94	516236	37.993	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	391794	39.220	ng	97
12) 1,3-Dichlorobenzene	6.80	146	424469	36.319	ng	100
13) 1,4-Dichlorobenzene	6.87	146	432234	36.936	ng	99
14) 1,2-Dichlorobenzene	7.03	146	404919	37.579	ng	100
15) Benzyl Alcohol	7.00	79	354424	40.476	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	528298	38.771	ng	97
17) 2-Methylphenol	7.11	107	346685	40.486	ng	99
18) Hexachloroethane	7.36	117	156603	36.348	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	280195	39.188	ng	99
20) 3+4-Methylphenols	7.26	107	409654	40.427	ng	# 87
22) Acetophenone	7.26	105	555184	41.880	ng	97
24) Nitrobenzene	7.43	77	454642	40.209	ng	99
25) Isophorone	7.67	82	826218	41.263	ng	99
26) 2-Nitrophenol	7.75	139	225168	42.247	ng	99
27) 2,4-Dimethylphenol	7.79	122	369823	46.120	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	498648	40.179	ng	99
29) 2,4-Dichlorophenol	8.00	162	355191	41.952	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	381166	39.494	ng	98
31) Naphthalene	8.16	128	1166902	41.024	ng	100
32) Benzoic acid	7.94	122	229050	40.515	ng	99
33) 4-Chloroaniline	8.20	127	343994	27.067	ng	99
34) Hexachlorobutadiene	8.27	225	212723	38.266	ng	99
35) Caprolactam	8.59	113	74242	27.112	ng	99
36) 4-Chloro-3-methylphenol	8.70	107	380415	43.190	ng	98
37) 2-Methylnaphthalene	8.85	142	790375	42.192	ng	100
38) 1-Methylnaphthalene	8.95	142	747055	42.154	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	363286	41.167	ng	100

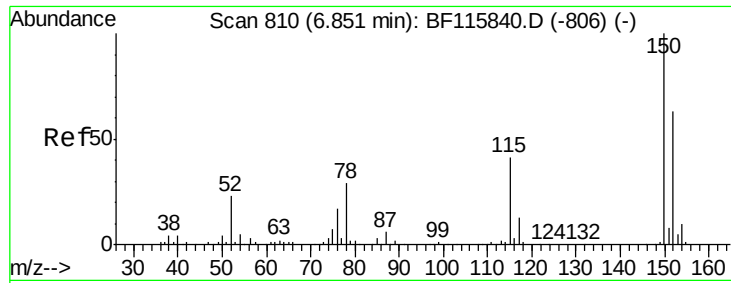
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080219\
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 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	218715	57.043	ng	98
43) 2,4,6-Trichlorophenol	9.13	196	238714	39.300	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	258402	41.154	ng	98
46) 1,1'-Biphenyl	9.32	154	967938	41.534	ng	100
47) 2-Chloronaphthalene	9.35	162	752491	38.796	ng	99
48) 2-Nitroaniline	9.44	65	247912	38.669	ng	91
49) Acenaphthylene	9.76	152	1158185	40.929	ng	100
50) Dimethylphthalate	9.62	163	924516	41.134	ng	100
51) 2,6-Dinitrotoluene	9.68	165	205350	42.042	ng	90
52) Acenaphthene	9.93	154	686447	39.542	ng	100
53) 3-Nitroaniline	9.85	138	176936	29.317	ng	91
54) 2,4-Dinitrophenol	9.97	184	176254	71.832	ng	96
55) Dibenzofuran	10.10	168	1037811	41.108	ng	97
56) 4-Nitrophenol	10.03	139	298532	77.216	ng	99
57) 2,4-Dinitrotoluene	10.09	165	271136	41.693	ng	95
58) Fluorene	10.45	166	813603	41.887	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	235734	44.625	ng	97
60) Diethylphthalate	10.32	149	874172	41.659	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	412024	41.885	ng	99
62) 4-Nitroaniline	10.47	138	233972	37.513	ng	98
63) Azobenzene	10.60	77	906954	42.021	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	124544	40.677	ng	92
66) n-Nitrosodiphenylamine	10.56	169	736036	42.325	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	254017	41.070	ng	# 90
68) Hexachlorobenzene	11.00	284	285218	39.880	ng	93
69) Atrazine	11.09	200	242181	42.331	ng	98
70) Pentachlorophenol	11.20	266	277256	79.849	ng	99
71) Phenanthrene	11.41	178	1231610	41.697	ng	99
72) Anthracene	11.46	178	1259778	42.143	ng	99
73) Carbazole	11.62	167	1165201	42.965	ng	100
74) Di-n-butylphthalate	11.94	149	1399783	44.246	ng	100
75) Fluoranthene	12.60	202	1316232	42.566	ng	98
77) Benzidine	12.72	184	371190	26.081	ng	97
78) Pyrene	12.83	202	1324606	41.712	ng	99
80) Butylbenzylphthalate	13.44	149	610552	45.452	ng	99
81) Benzo(a)anthracene	14.02	228	1101337	40.902	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	341662	36.523	ng	98
83) Chrysene	14.06	228	1095932	41.924	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	820243	46.989	ng	100
85) Di-n-octyl phthalate	14.61	149	1313744	47.382	ng	100
86) Indeno(1,2,3-cd)pyrene	16.98	276	907960	41.354	ng	99
88) Benzo(b)fluoranthene	15.07	252	955227	48.233	ng	97
89) Benzo(k)fluoranthene	15.10	252	952144	49.360	ng	99
90) Benzo(a)pyrene	15.44	252	891037	50.330	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	780169	50.910	ng	99
92) Benzo(g,h,i)perylene	17.43	276	759959	50.495	ng	98

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

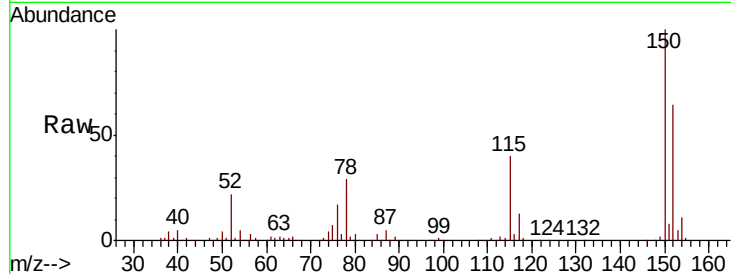


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB121939BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	127.4	191.0
115	62.2	51.8	77.8

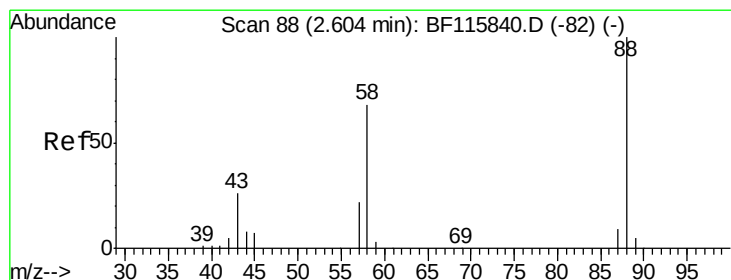
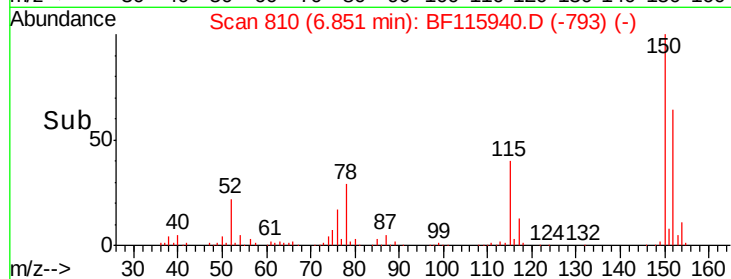
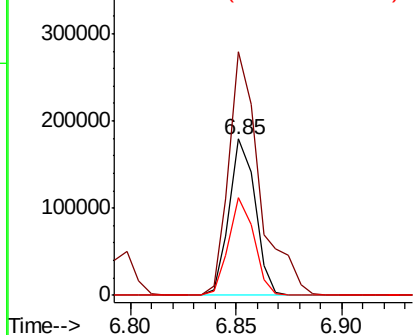


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

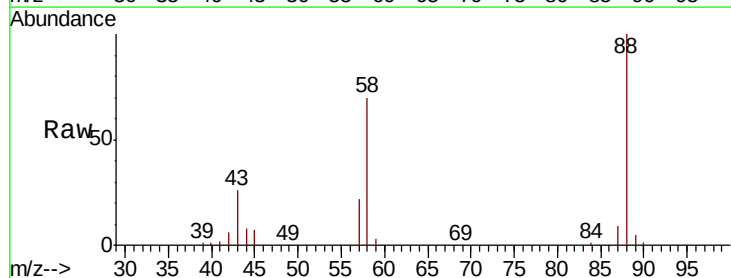
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.816 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.07 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.6	54.1	81.1
43	26.0	20.7	31.1

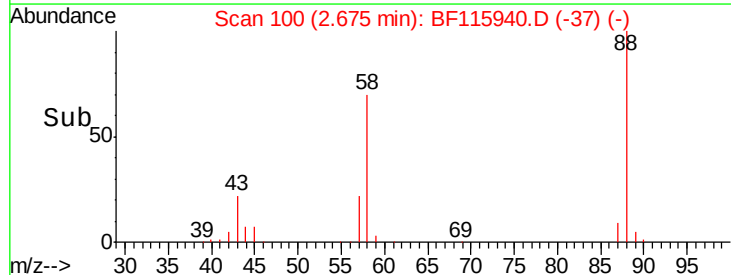
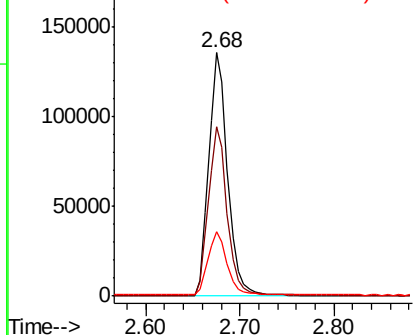


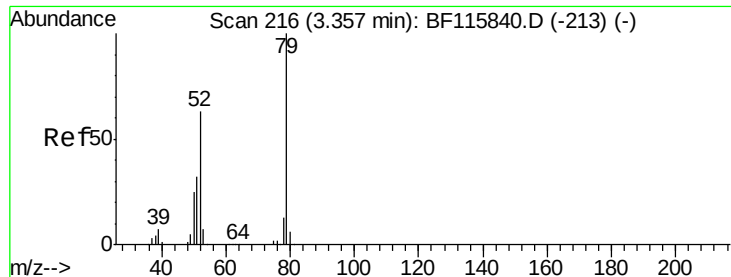
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 27.853 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.08 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

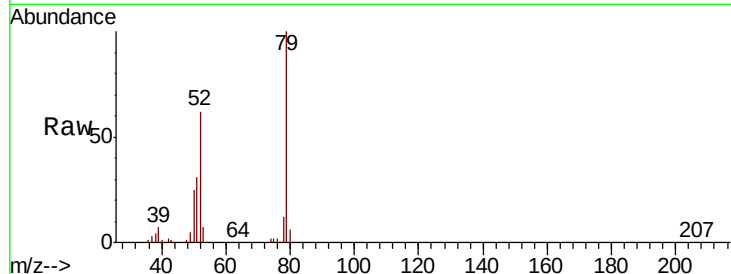
Tot Ion: 79 Resp: 359470

Ion Ratio Lower Upper

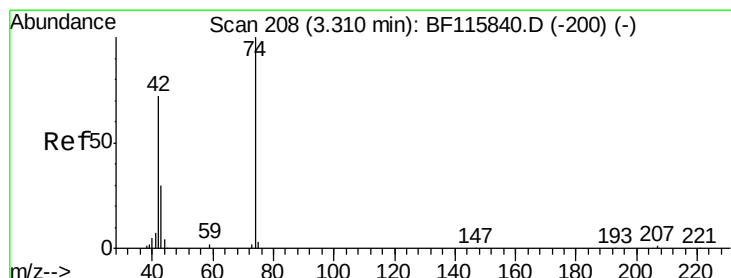
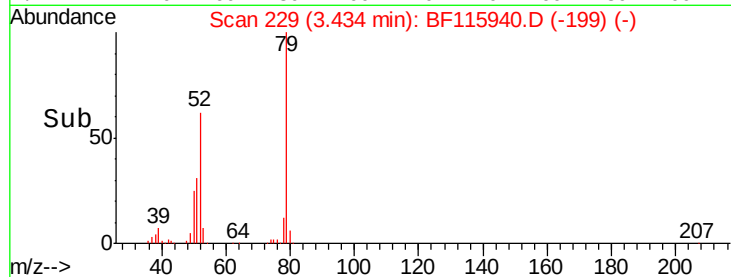
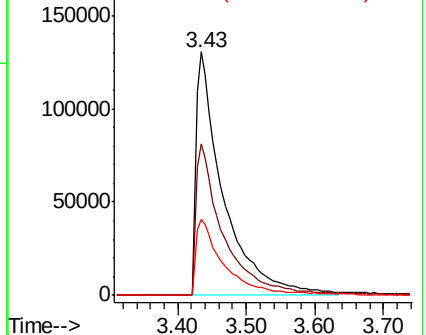
79 100

52 62.1 50.2 75.4

51 30.9 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: 35.563 ng

RT: 3.37 min Scan# 219

Delta R.T. 0.06 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

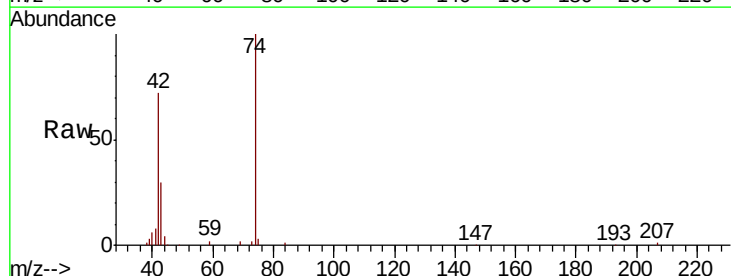
Tgt Ion: 42 Resp: 181126

Ion Ratio Lower Upper

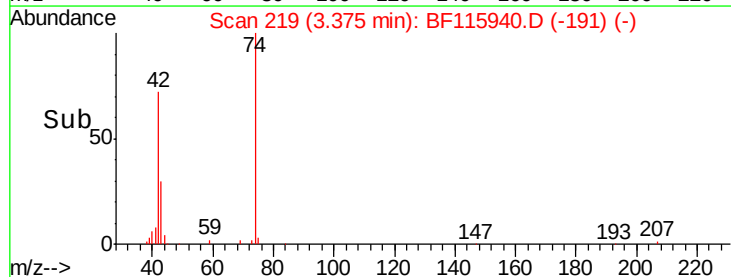
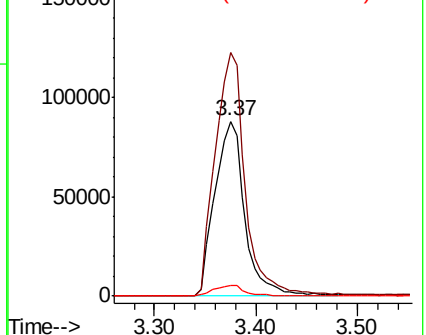
42 100

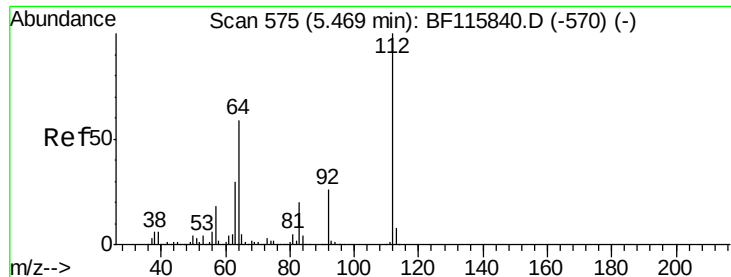
74 139.4 111.0 166.4

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: 113.844 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

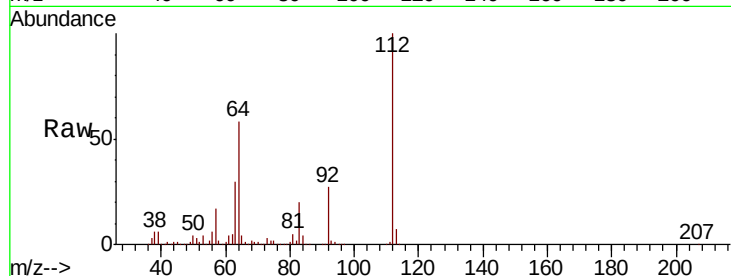
Tot Ion:112 Resp: 1041128

Ion Ratio Lower Upper

112 100

64 57.8 46.8 70.2

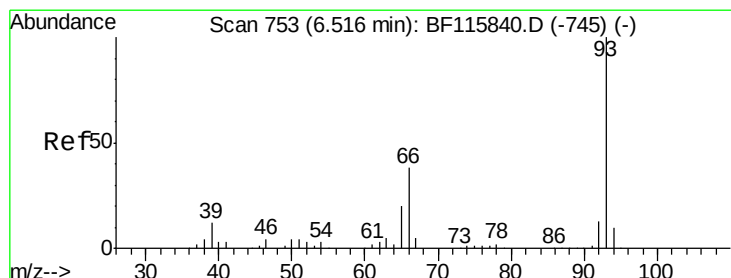
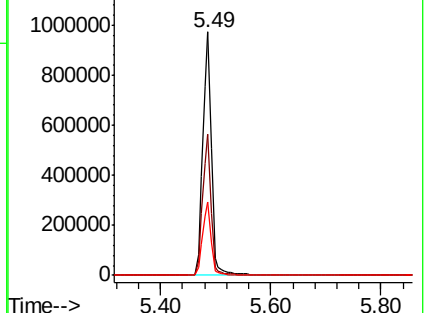
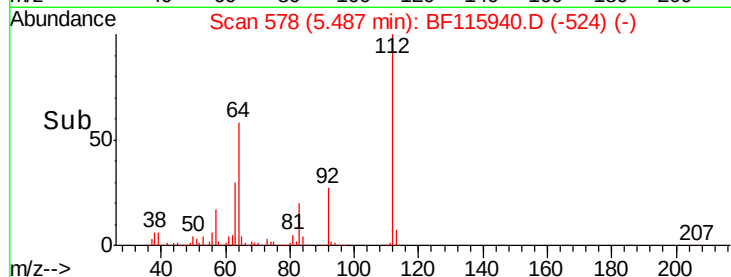
63 29.9 24.2 36.2



Abundance Ion 112.00 (111.70 to 112.70): BF115840.D (-570) (-)

Ion 64.00 (63.70 to 64.70): BF115840.D (-570) (-)

Ion 63.00 (62.70 to 63.70): BF115840.D (-570) (-)



#6

Aniline

Concen: 29.000 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

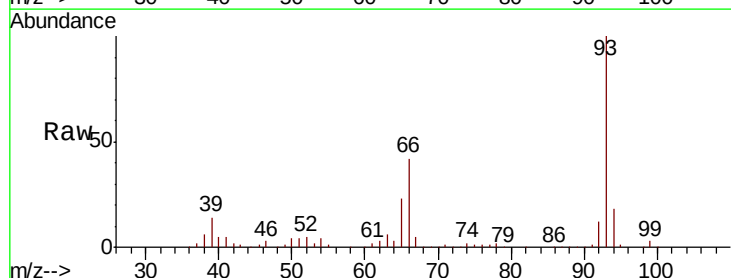
Tgt Ion: 93 Resp: 479199

Ion Ratio Lower Upper

93 100

66 42.0 31.4 47.0

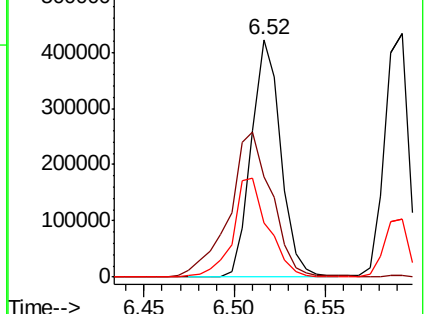
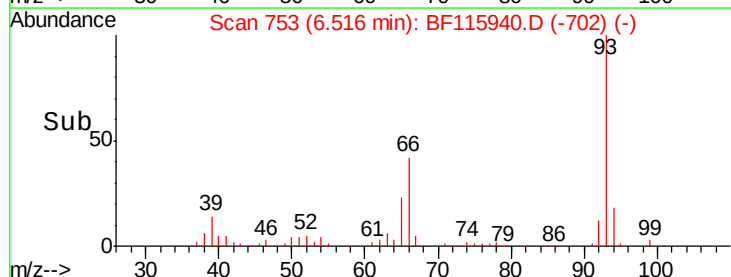
65 22.8 16.5 24.7

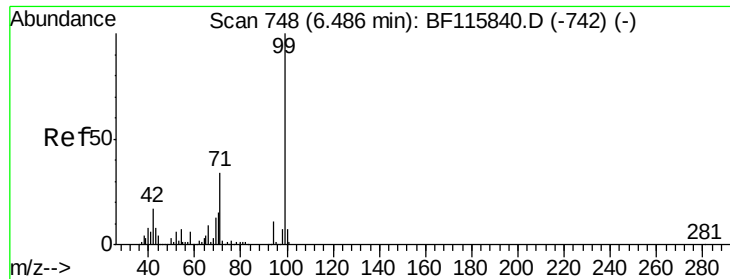


Abundance Ion 93.00 (92.70 to 93.70): BF115840.D (-745) (-)

Ion 66.00 (65.70 to 66.70): BF115840.D (-745) (-)

Ion 65.00 (64.70 to 65.70): BF115840.D (-745) (-)





#7

Phenol-d6

Concen: 116.179 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

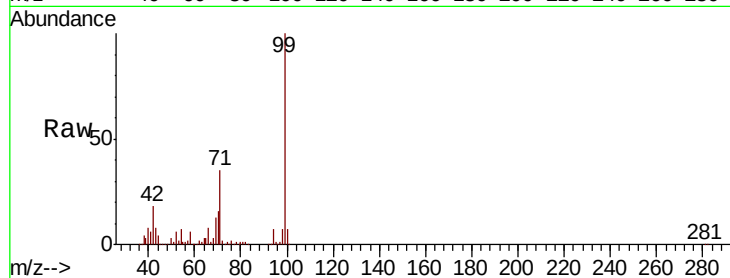
Tot Ion: 99 Resp: 1340514

Ion Ratio Lower Upper

99 100

42 17.7 13.8 20.6

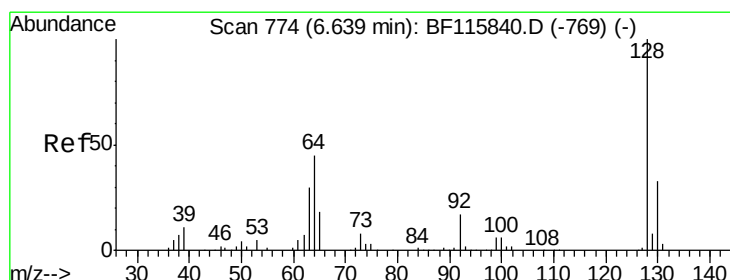
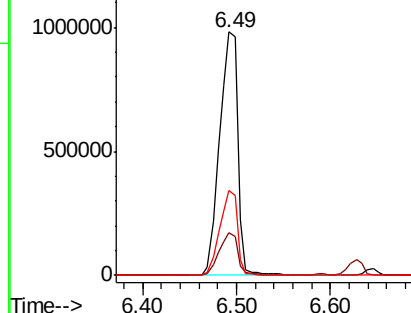
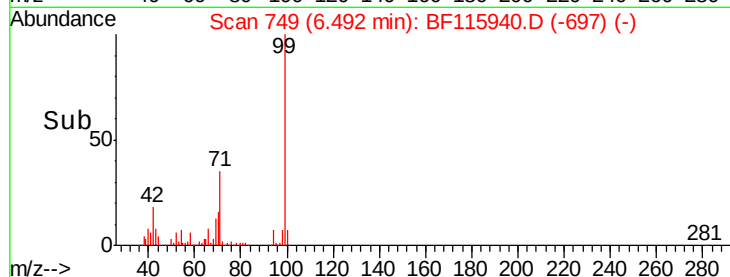
71 34.9 27.1 40.7



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: 40.307 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

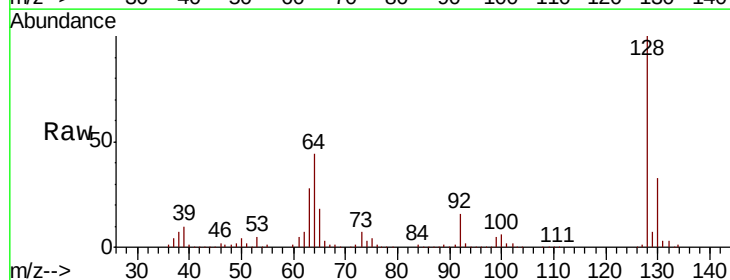
Tgt Ion: 128 Resp: 407621

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

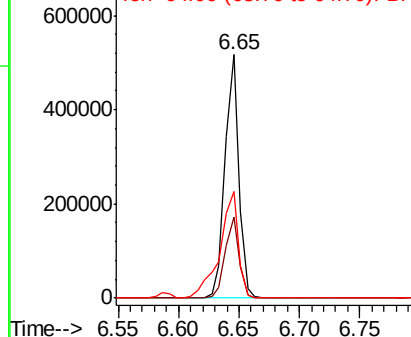
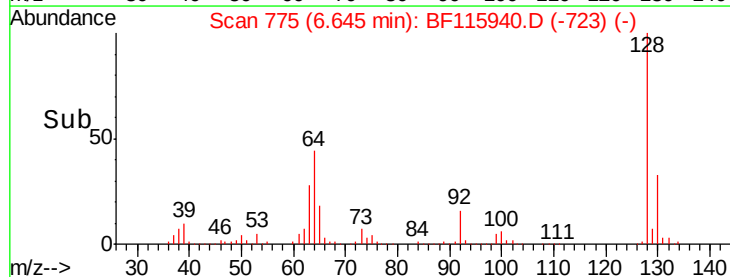
64 43.7 26.1 66.1

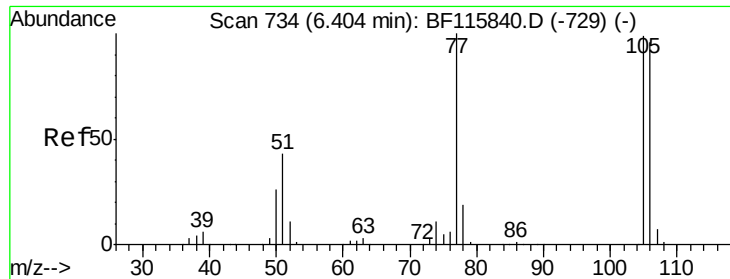


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

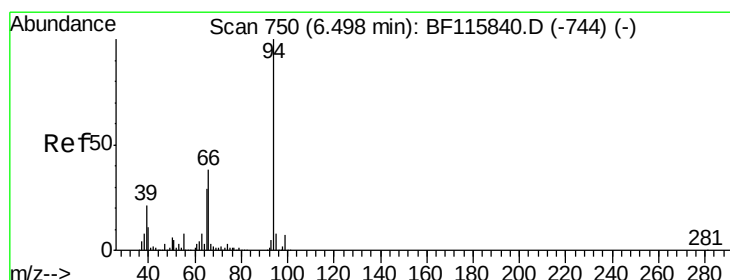
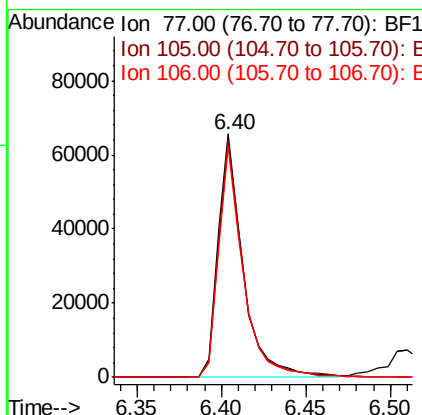
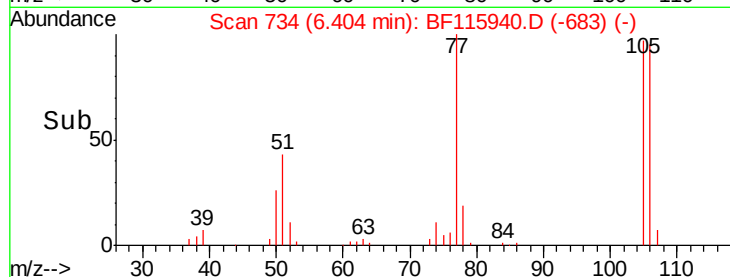
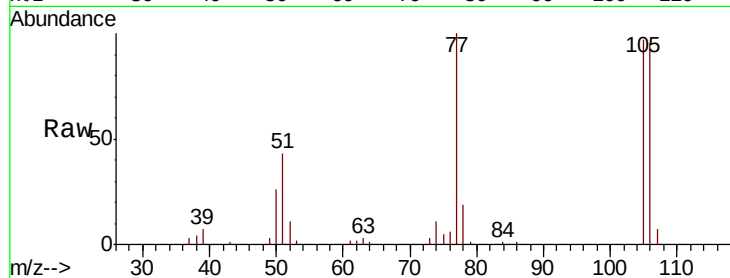




#9
Benzaldehyde
Concen: 8.542 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

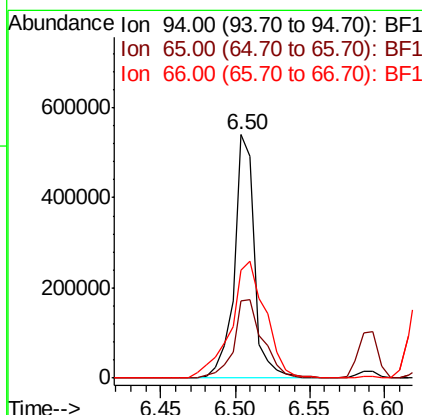
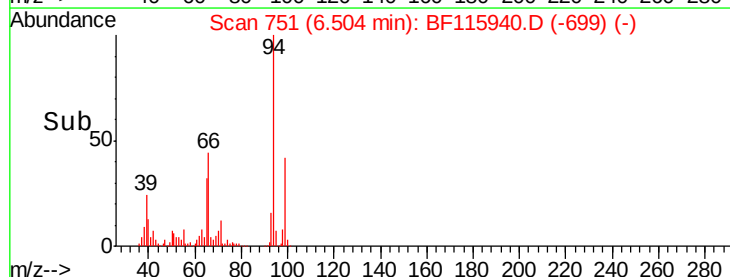
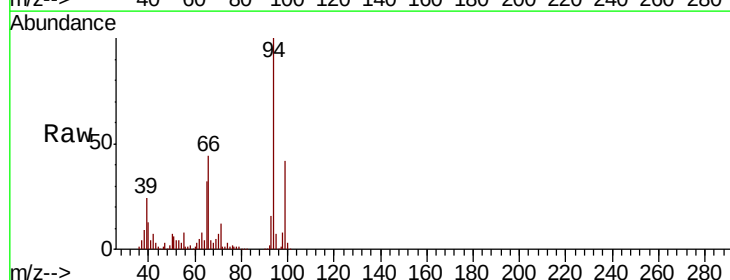
Instrument :
BNA_F
ClientSampleId :
PB121939BS

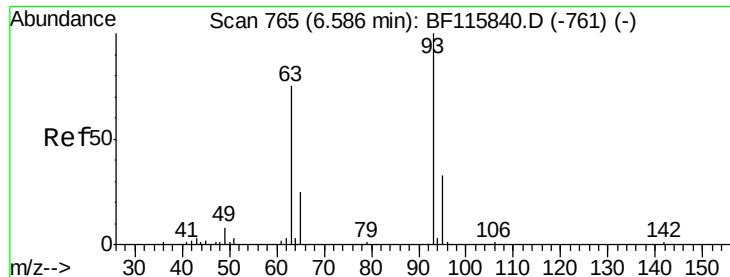
Tot Ion: 77 Resp: 68004
Ion Ratio Lower Upper
77 100
105 97.4 79.0 119.0
106 94.8 76.2 116.2



#10
Phenol
Concen: 37.993 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion: 94 Resp: 516236
Ion Ratio Lower Upper
94 100
65 31.8 8.9 48.9
66 44.4 18.0 58.0





#11

bis(2-Chloroethyl)ether

Concen: 39.220 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

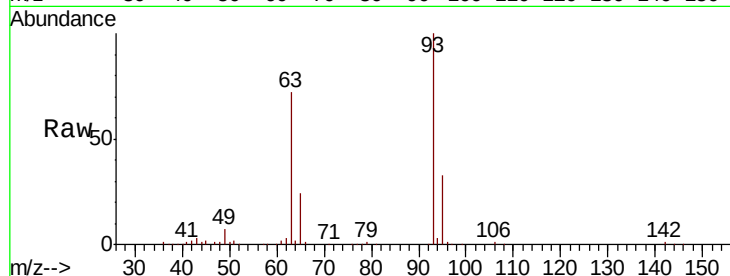
Tot Ion: 93 Resp: 391794

Ion Ratio Lower Upper

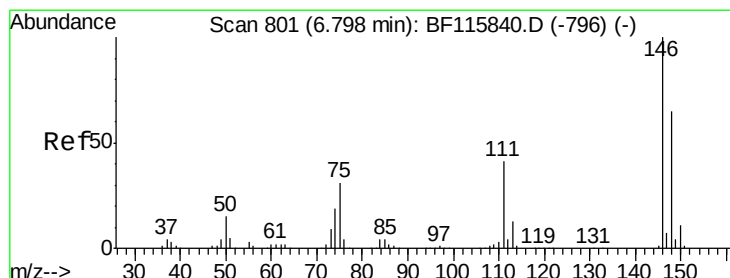
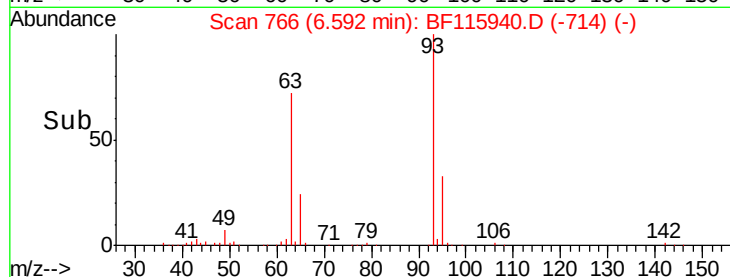
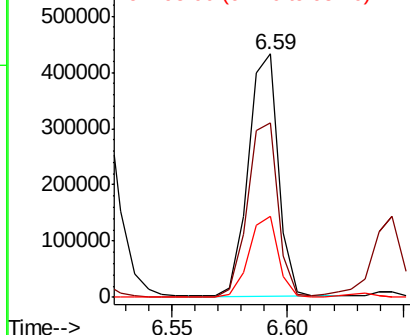
93 100

63 71.7 54.9 94.9

95 33.1 13.3 53.3



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



#12

1,3-Dichlorobenzene

Concen: 36.319 ng

RT: 6.80 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

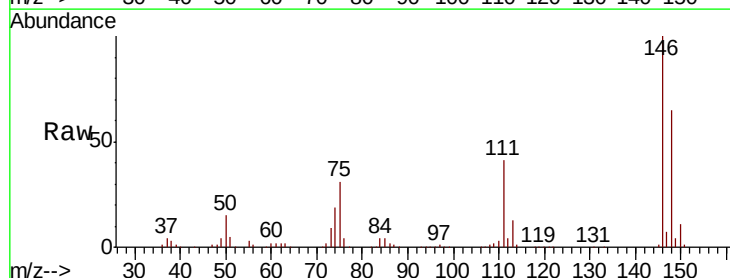
Tgt Ion: 146 Resp: 424469

Ion Ratio Lower Upper

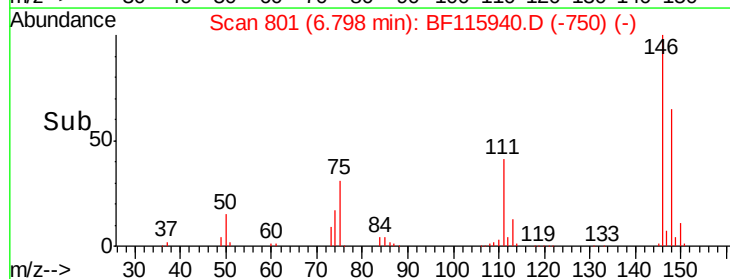
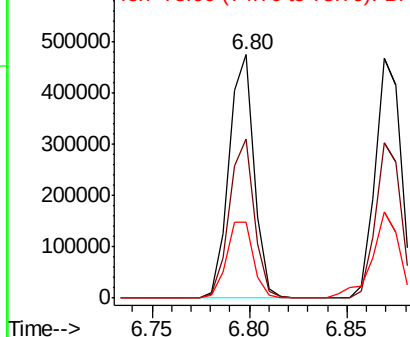
146 100

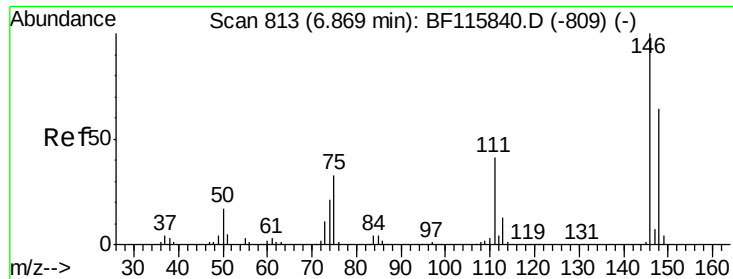
148 65.4 52.1 78.1

75 31.3 25.0 37.6



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

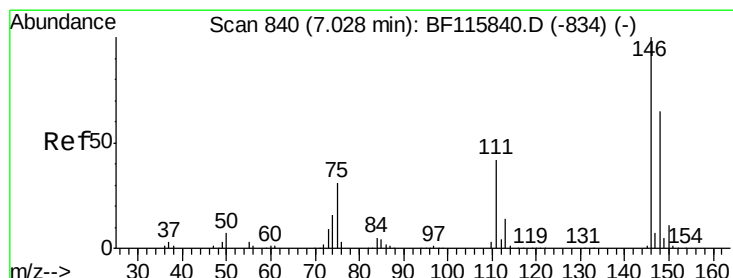
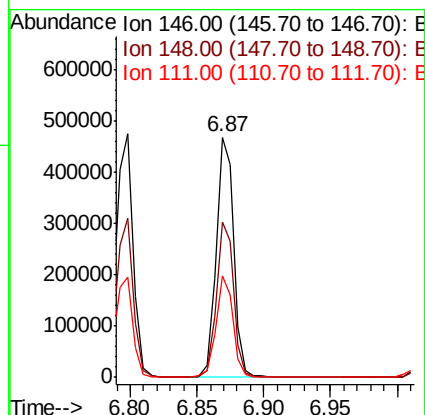
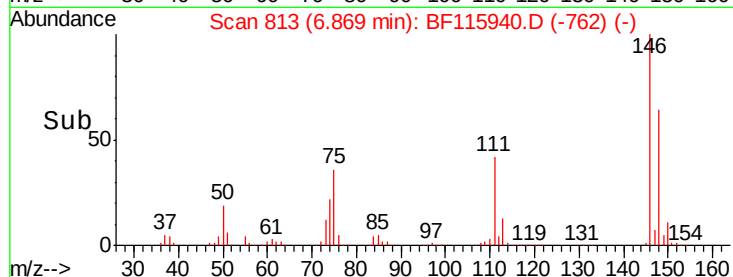
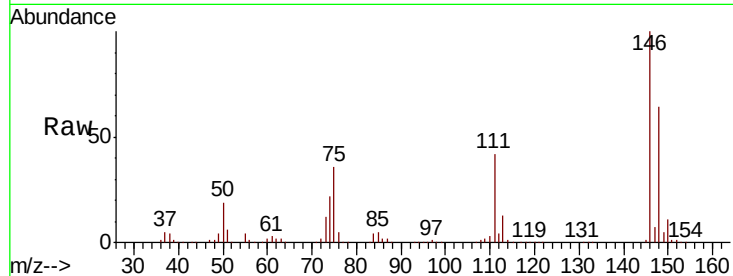




#13
 1,4-Dichlorobenzene
 Concen: 36.936 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

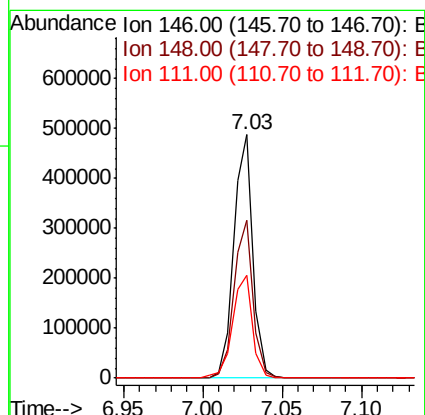
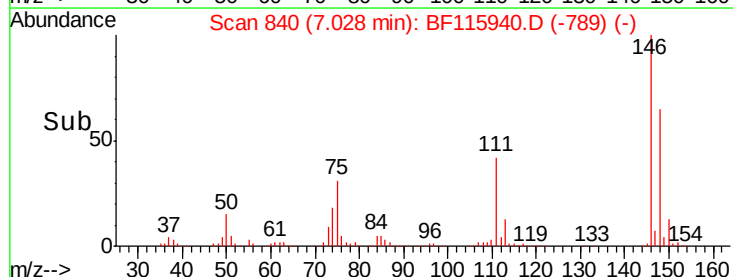
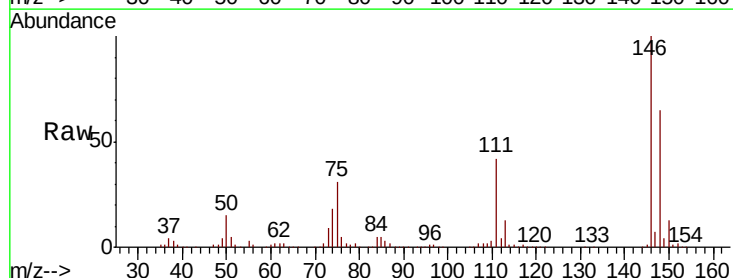
Instrument :
 BNA_F
 ClientSampleId :
 PB121939BS

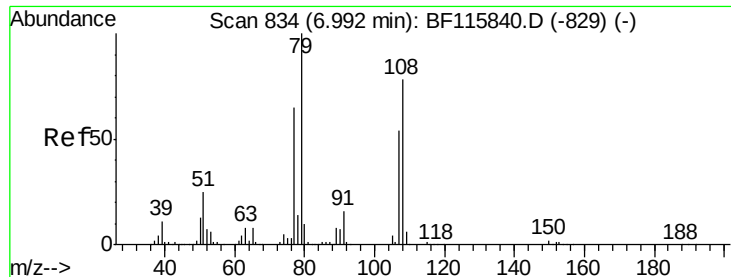
Tot Ion:146 Resp: 432234
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.2 76.8
 111 42.2 33.2 49.8



#14
 1,2-Dichlorobenzene
 Concen: 37.579 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Tgt Ion:146 Resp: 404919
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.6 77.4
 111 42.0 33.6 50.4





#15

Benzyl Alcohol

Concen: 40.476 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

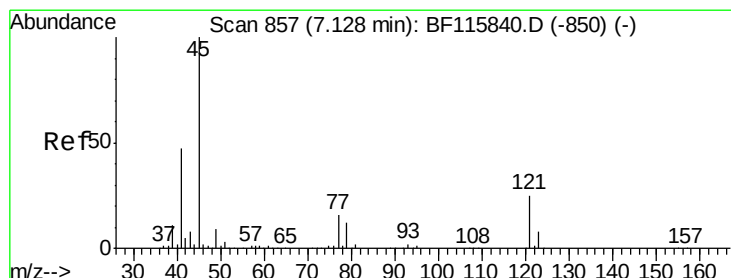
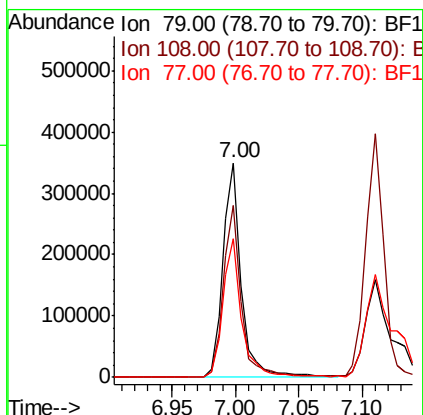
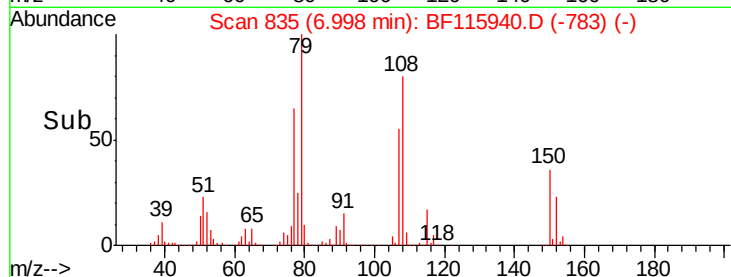
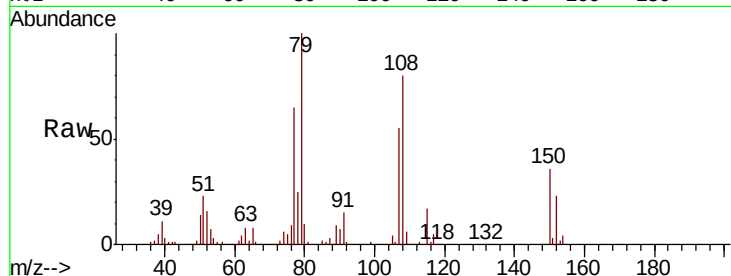
Tot Ion: 79 Resp: 354424

Ion Ratio Lower Upper

79 100

108 80.3 62.8 94.2

77 64.8 52.0 78.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.771 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

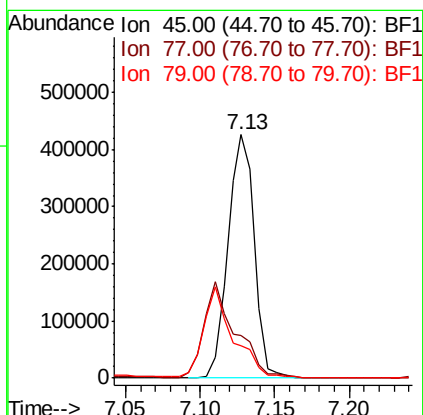
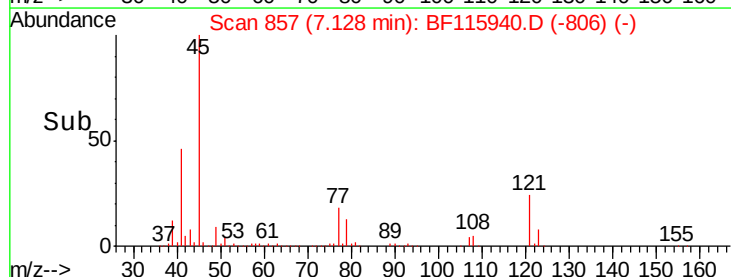
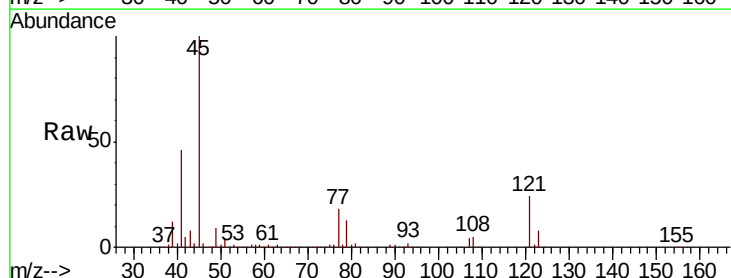
Tgt Ion: 45 Resp: 528298

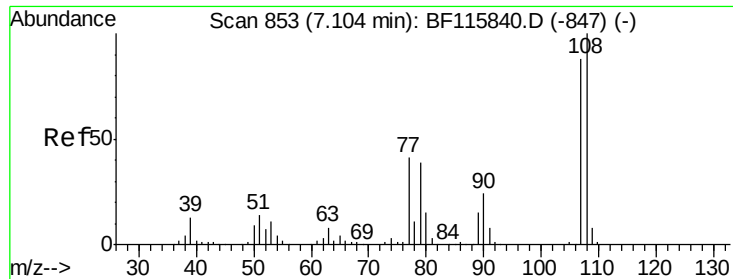
Ion Ratio Lower Upper

45 100

77 17.6 0.0 36.3

79 13.4 0.0 32.5





#17

2-Methylphenol

Concen: 40.486 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

Tot Ion:107 Resp: 346685

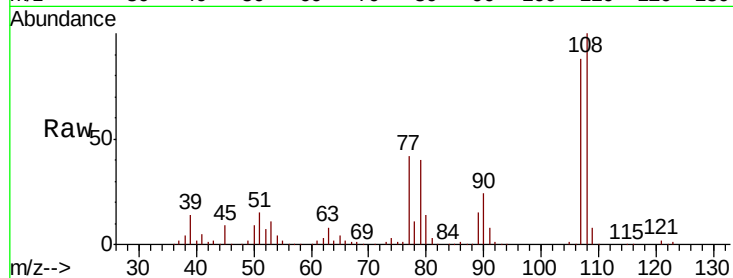
Ion Ratio Lower Upper

107 100

108 113.6 91.4 137.0

77 48.1 37.6 56.4

79 45.7 36.2 54.4

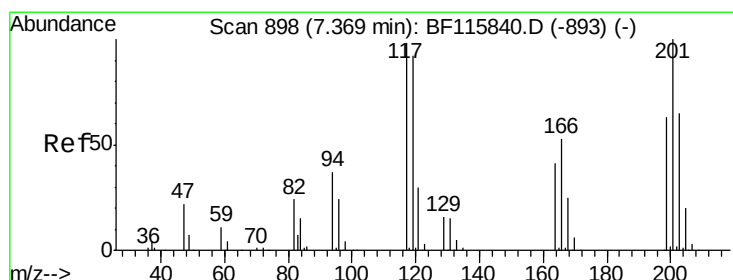
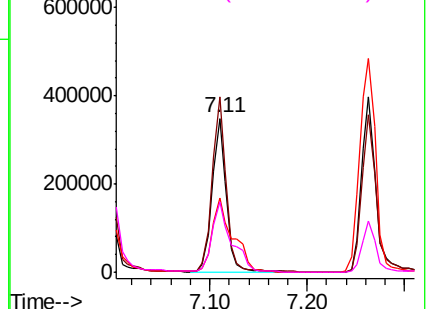
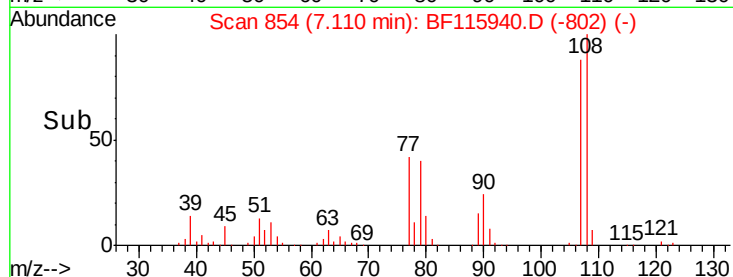


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 36.348 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

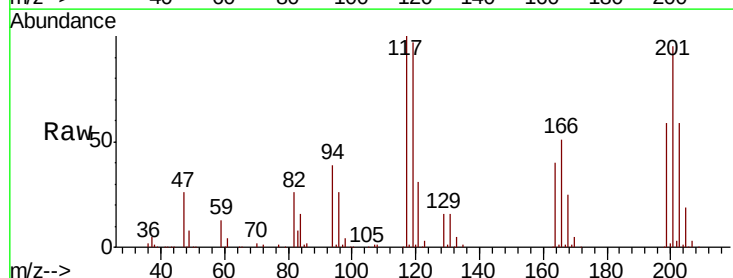
Tgt Ion:117 Resp: 156603

Ion Ratio Lower Upper

117 100

119 97.0 75.8 113.6

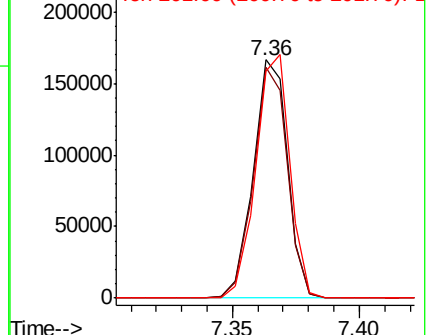
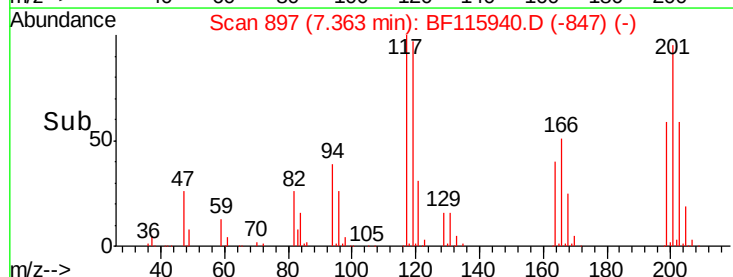
201 95.0 82.0 123.0

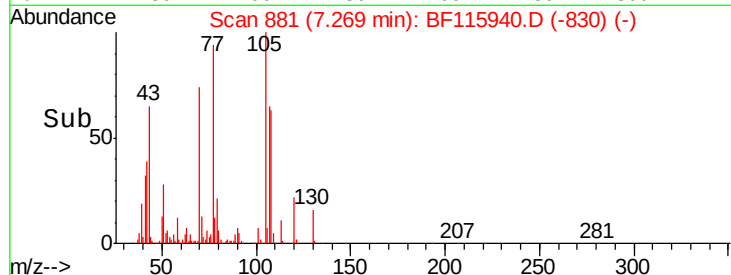
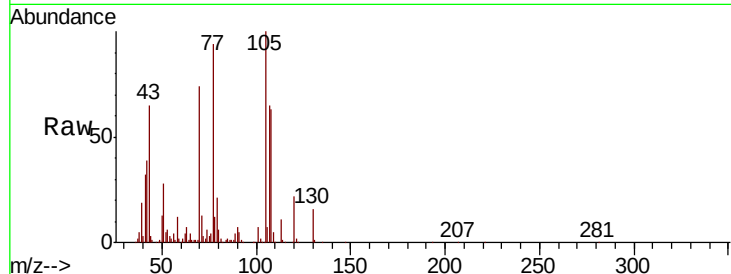
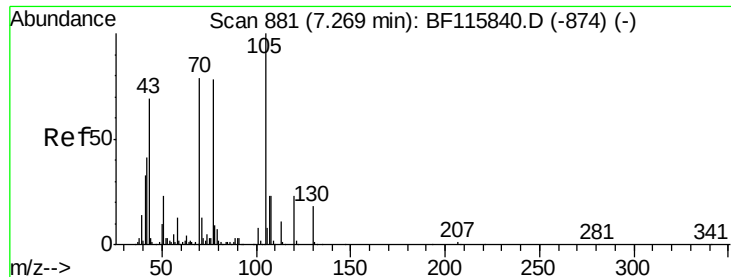


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

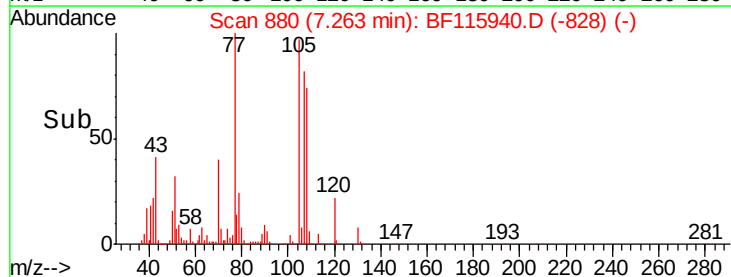
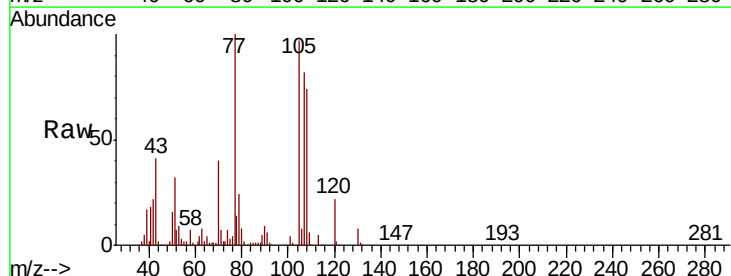
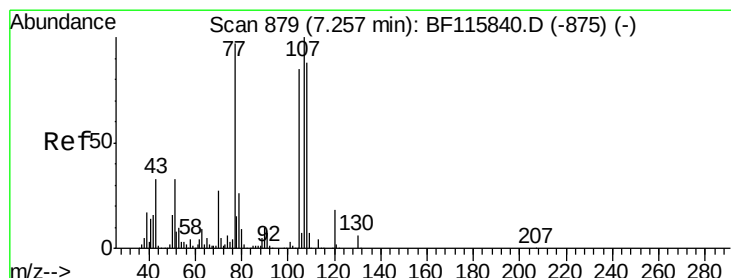
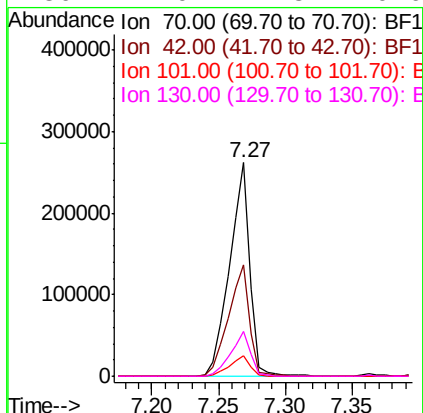




#19
n-Nitroso-di-n-propylamine
Concen: 39.188 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

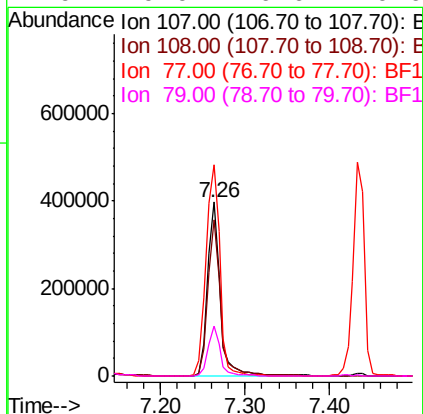
Instrument :
BNA_F
ClientSampleId :
PB121939BS

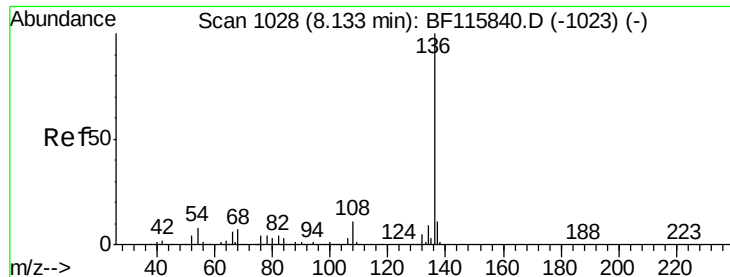
Tot Ion:	70	Resp:	280195
Ion	Ratio	Lower	Upper
70	100		
42	52.3	41.8	62.8
101	9.4	7.7	11.5
130	21.0	17.8	26.6



#20
3+4-Methylphenols
Concen: 40.427 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:	107	Resp:	409654
Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.9	107.9
77	121.8	77.3	117.3#
79	29.0	6.6	46.6

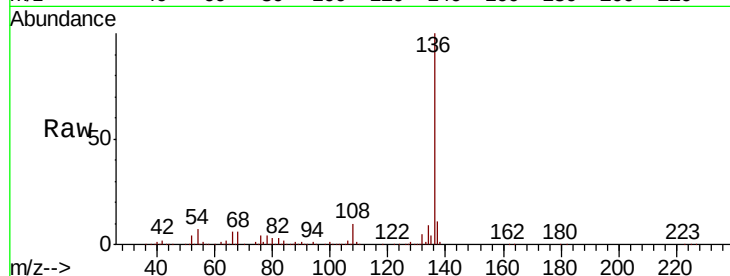




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB121939BS

Tot Ion:136	Resp:	604450
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.1 13.7
54	7.3	6.1 9.1
68	6.4	5.4 8.2



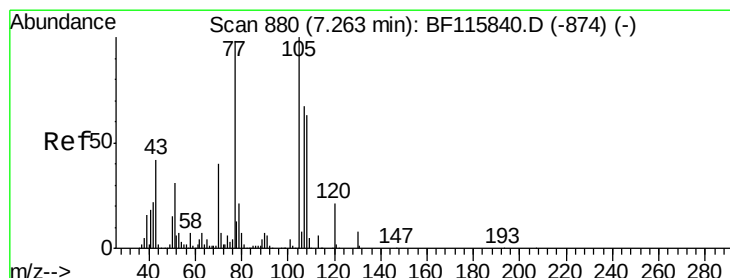
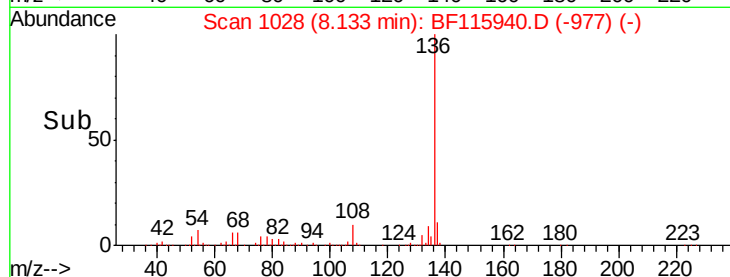
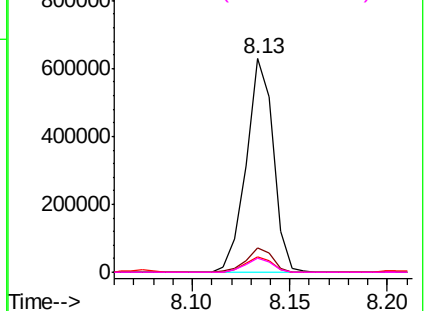
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

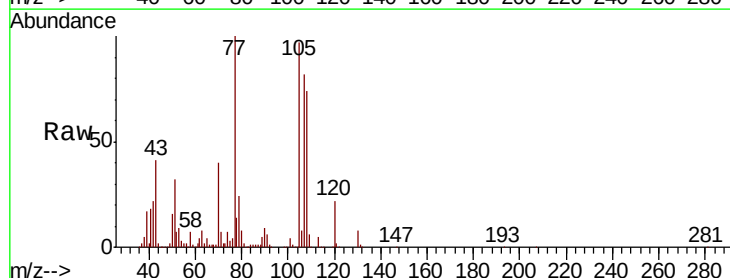
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.880 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:105	Resp:	555184
Ion Ratio	Lower	Upper
105	100	
71	7.0	5.4 8.0
51	33.0	24.6 36.8
120	22.4	17.0 25.6



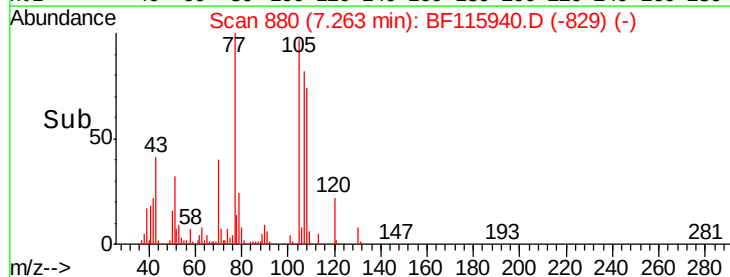
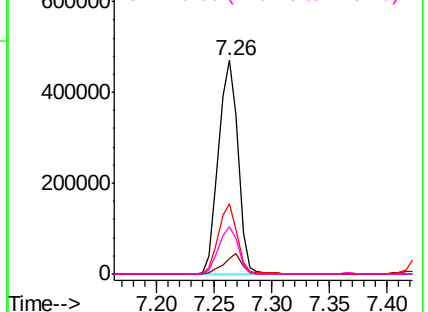
Abundance

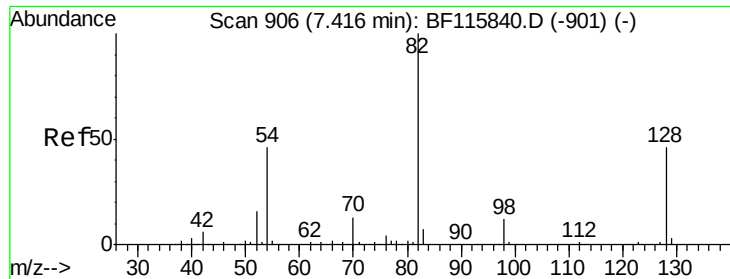
Ion 105.00 (104.70 to 105.70): E

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

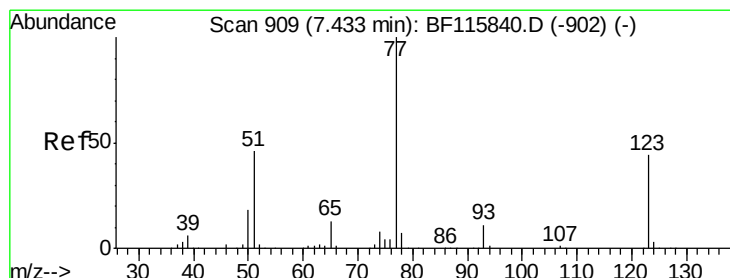
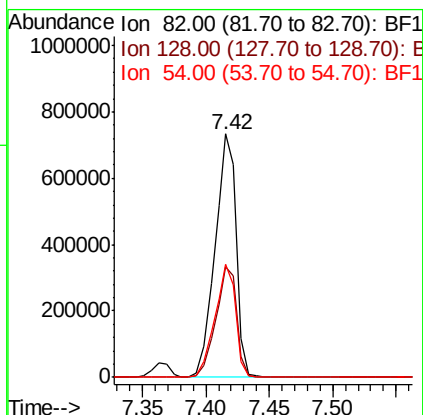
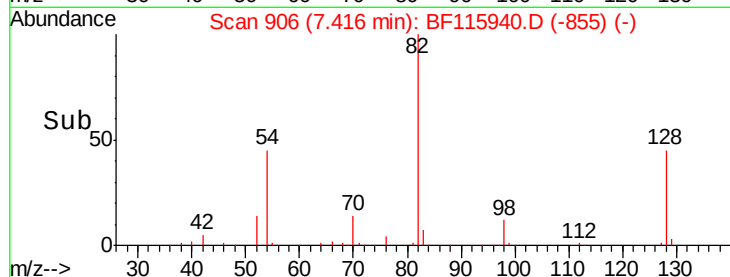
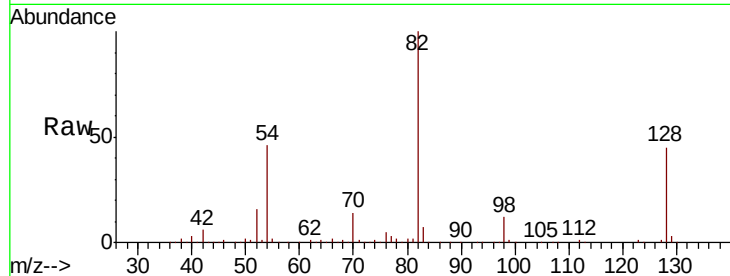




#23
 Nitrobenzene-d5
 Concen: 81.382 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

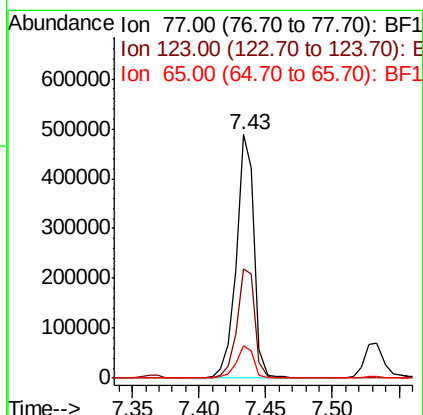
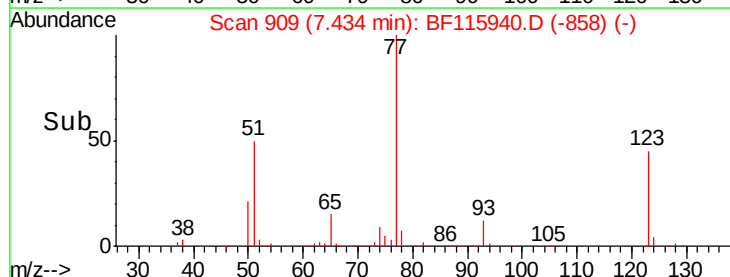
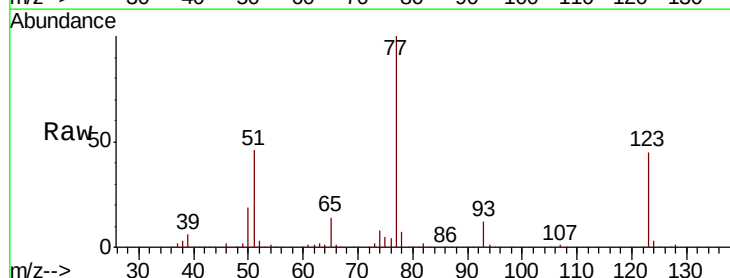
Instrument :
 BNA_F
 ClientSampleID :
 PB121939BS

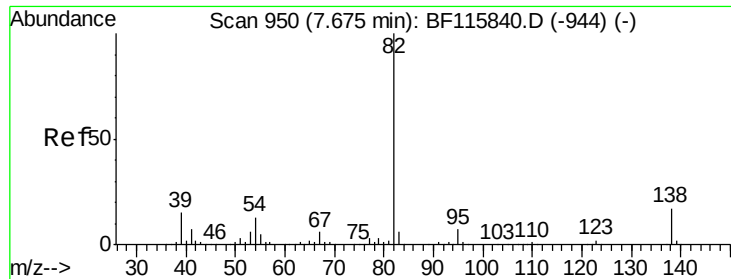
Tot Ion: 82 Resp: 852198
 Ion Ratio Lower Upper
 82 100
 128 45.4 36.6 55.0
 54 46.4 36.6 55.0



#24
 Nitrobenzene
 Concen: 40.209 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Tgt Ion: 77 Resp: 454642
 Ion Ratio Lower Upper
 77 100
 123 44.8 35.5 53.3
 65 13.6 10.6 15.8





#25

Isophorone

Concen: 41.263 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

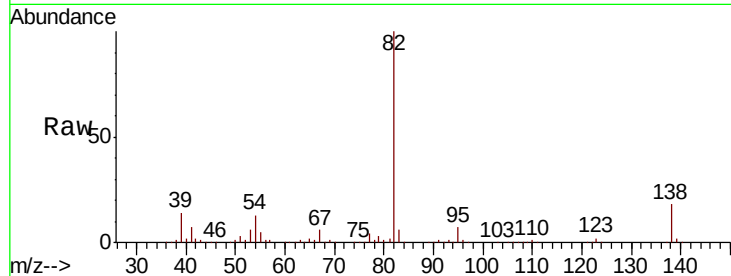
Tot Ion: 82 Resp: 826218

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

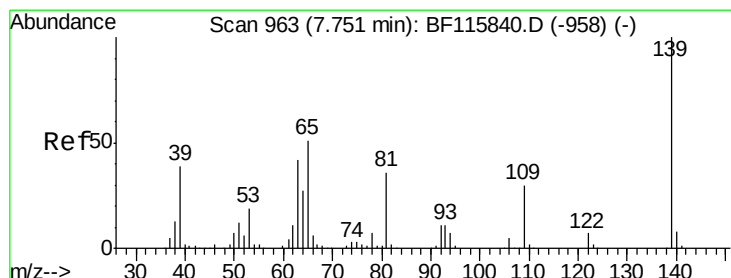
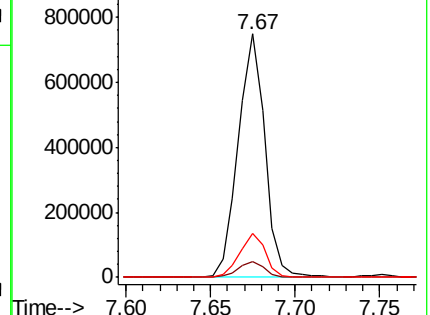
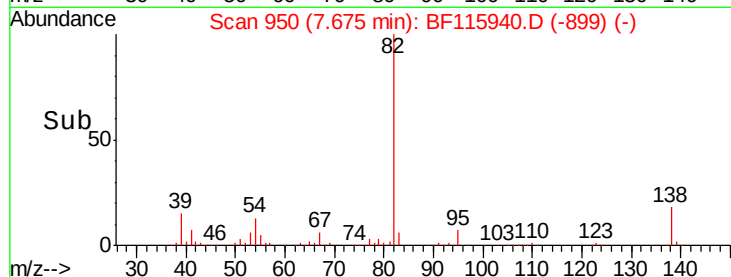
138 17.8 13.9 20.9



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: 42.247 ng

RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

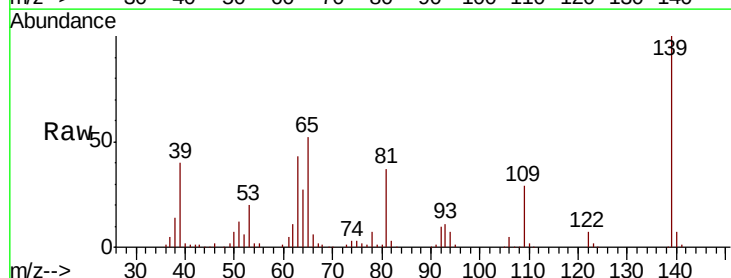
Tgt Ion: 139 Resp: 225168

Ion Ratio Lower Upper

139 100

109 28.8 23.6 35.4

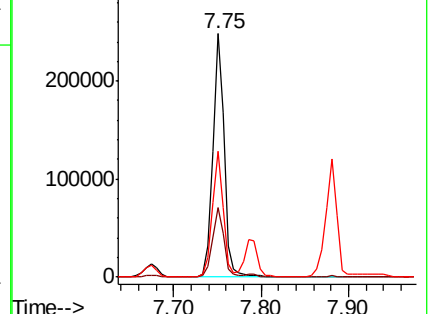
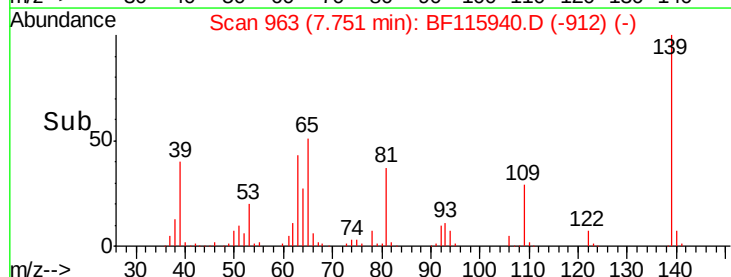
65 51.5 40.6 60.8

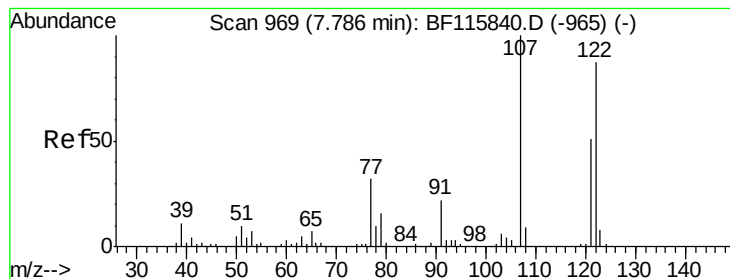


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 46.120 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

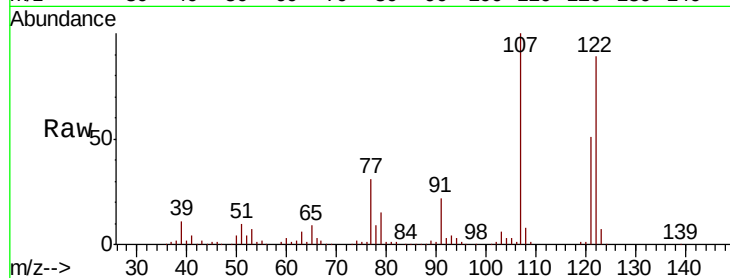
Tot Ion:122 Resp: 369823

Ion Ratio Lower Upper

122 100

107 112.6 91.7 137.5

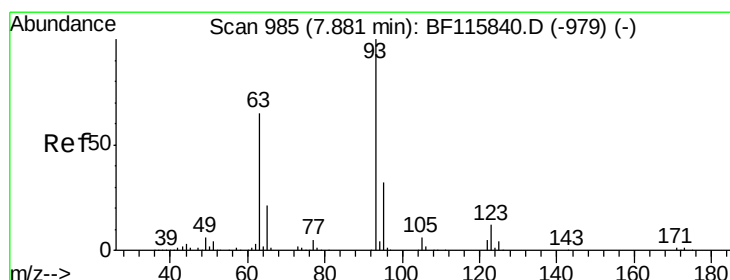
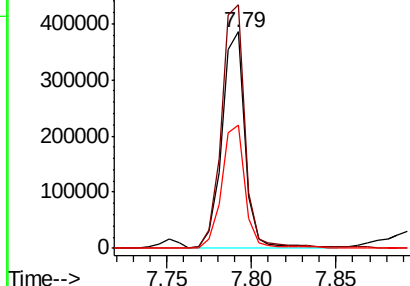
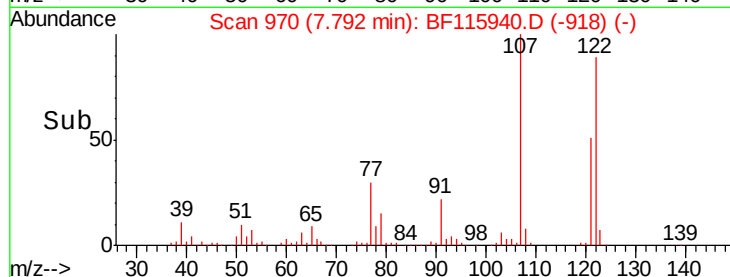
121 57.0 46.6 70.0



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: 40.179 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

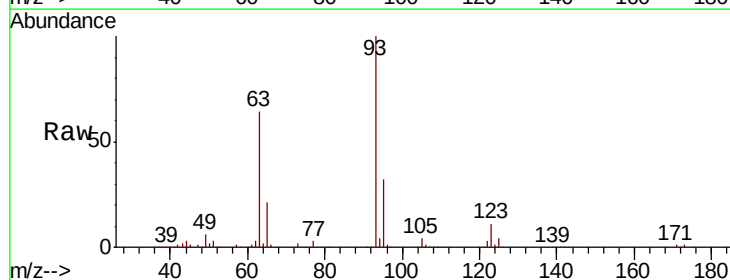
Tgt Ion: 93 Resp: 498648

Ion Ratio Lower Upper

93 100

95 32.3 26.0 39.0

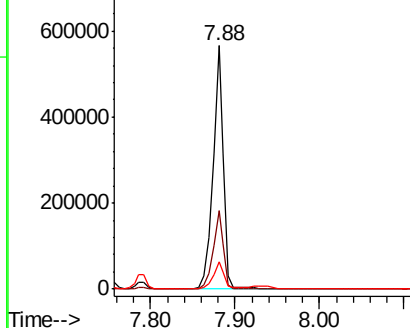
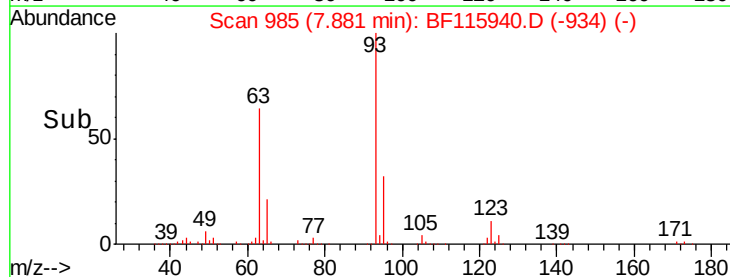
123 11.4 9.5 14.3

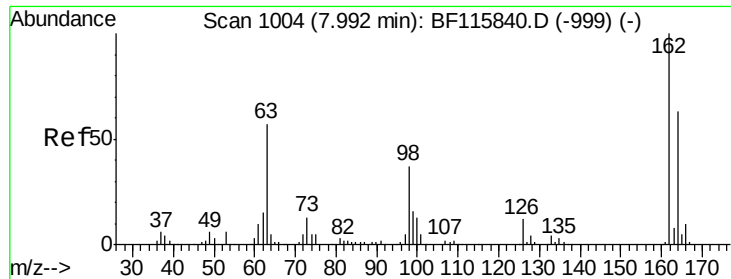


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

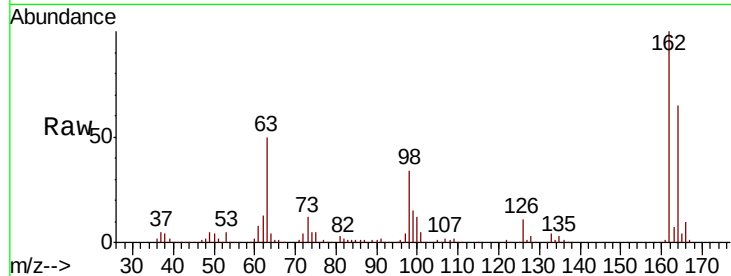




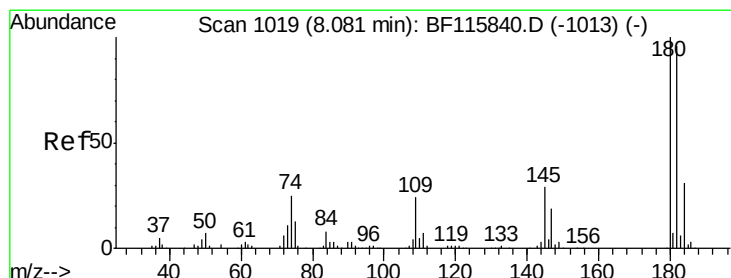
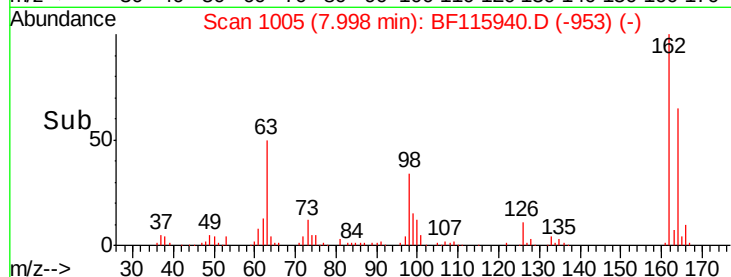
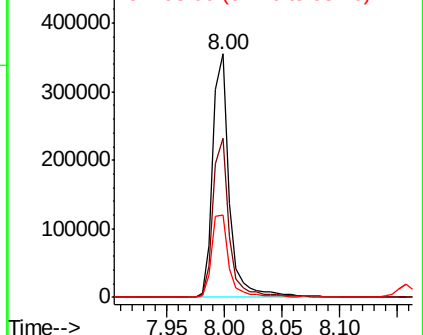
#29
 2,4-Dichlorophenol
 Concen: 41.952 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121939BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	43.2	83.2
98	34.0	17.3	57.3

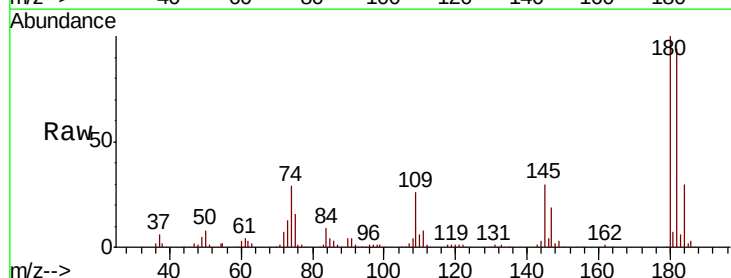


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

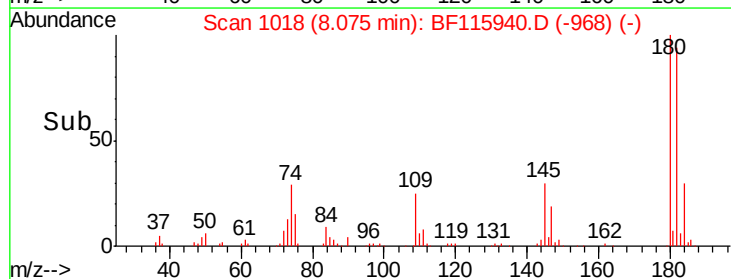
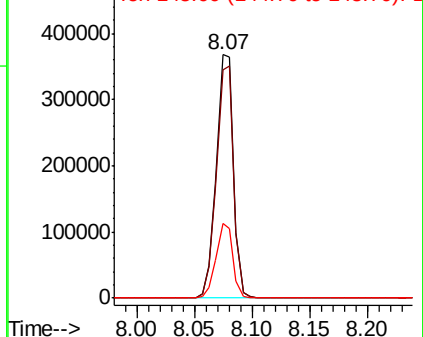


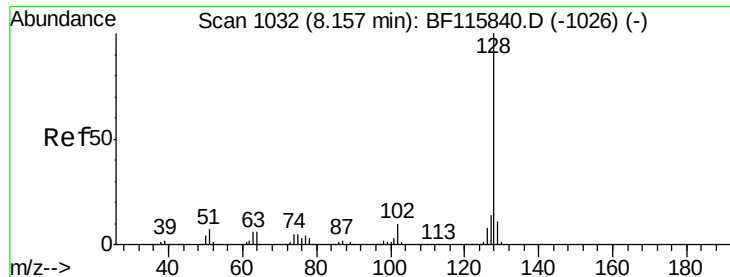
#30
 1,2,4-Trichlorobenzene
 Concen: 39.494 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.6	114.8
145	30.5	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

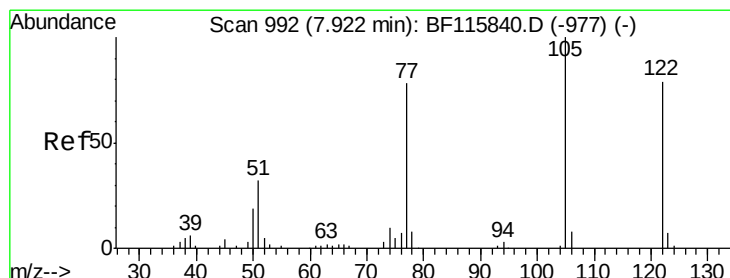
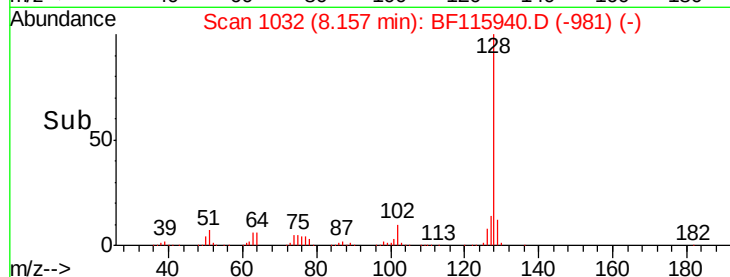
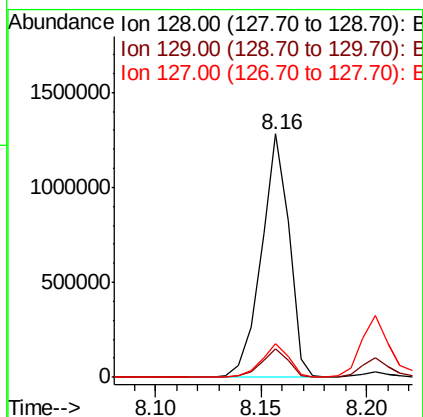
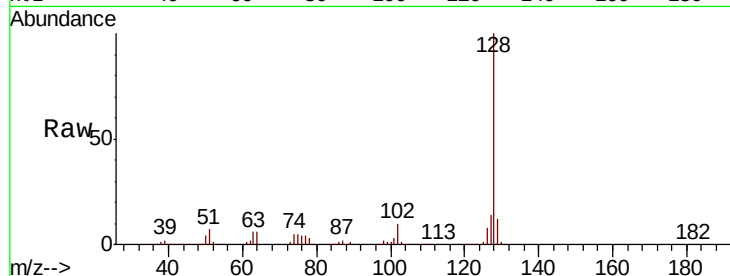




#31
Naphthalene
Concen: 41.024 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

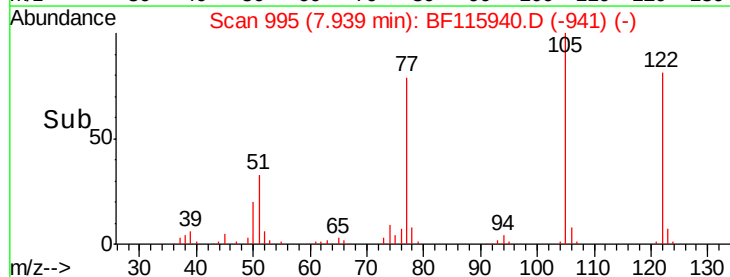
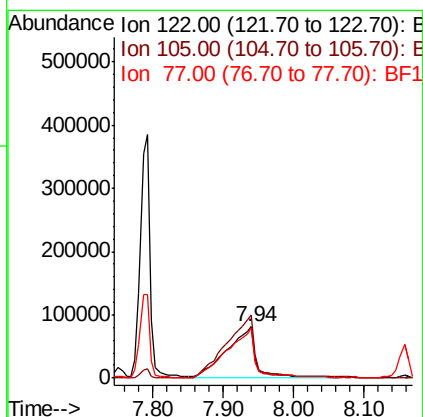
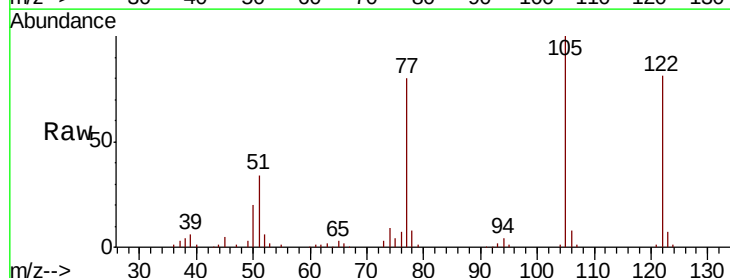
Instrument :
BNA_F
ClientSampleId :
PB121939BS

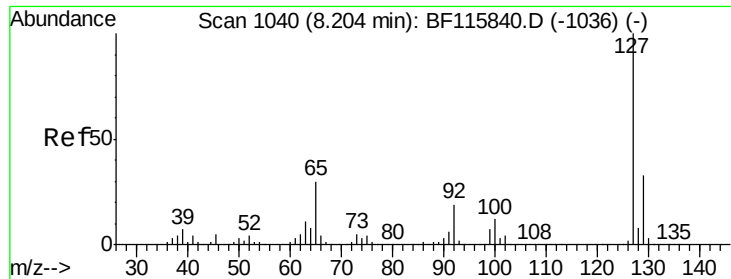
Tot Ion:128 Resp: 1166902
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.9 11.0 16.4



#32
Benzoic acid
Concen: 40.515 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.02 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:122 Resp: 229050
Ion Ratio Lower Upper
122 100
105 123.2 103.1 143.1
77 98.1 76.8 116.8

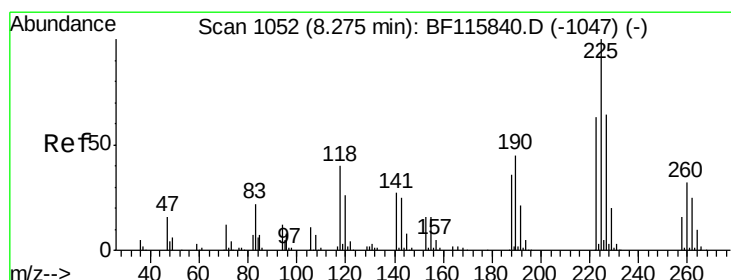
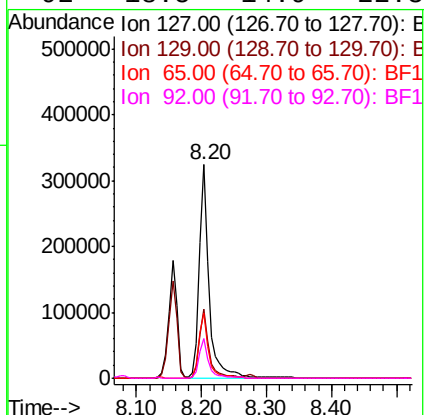
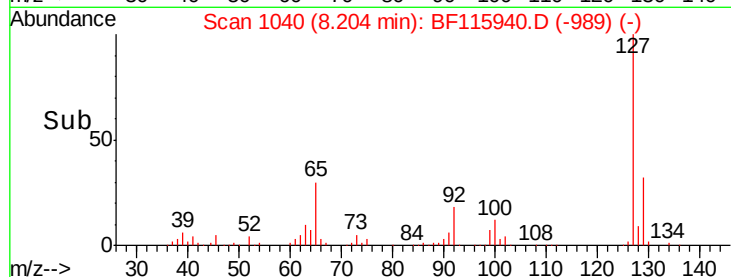
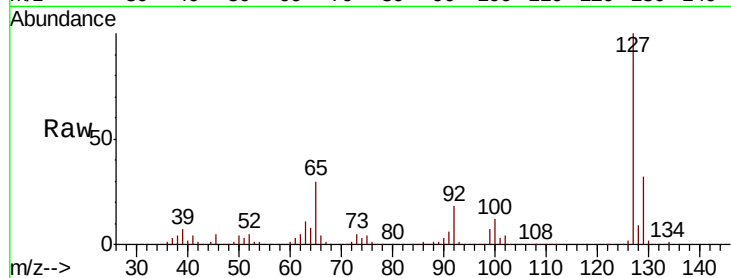




#33
4-Chloroaniline
Concen: 27.067 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

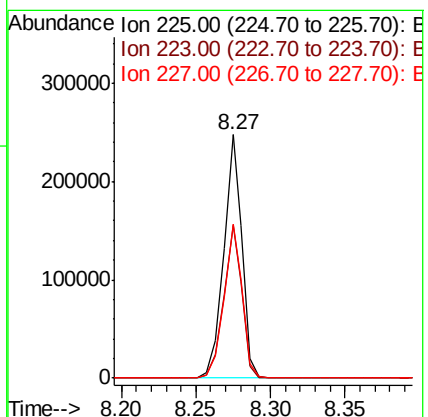
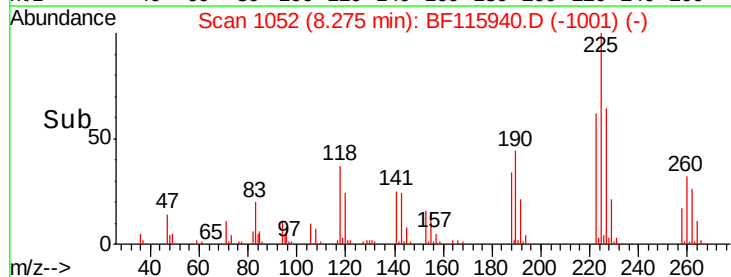
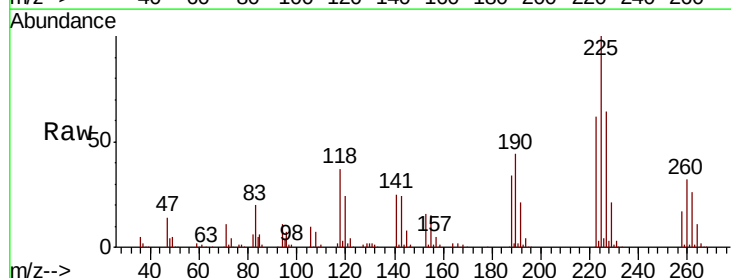
Instrument :
BNA_F
ClientSampleId :
PB121939BS

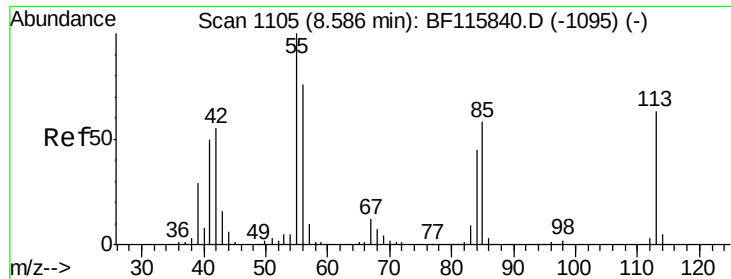
Tot Ion:	127	Resp:	343994
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.0	39.0
65	30.5	23.9	35.9
92	18.5	14.9	22.3



#34
Hexachlorobutadiene
Concen: 38.266 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:	225	Resp:	212723
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.4	75.6
227	63.5	51.6	77.4

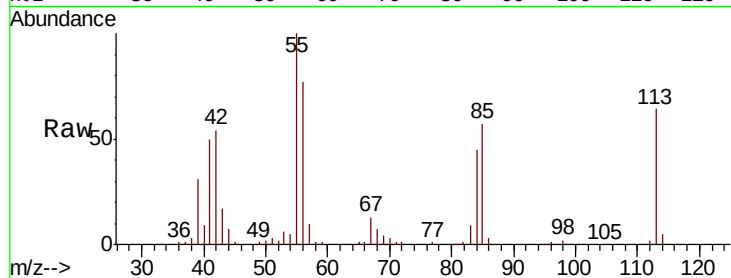




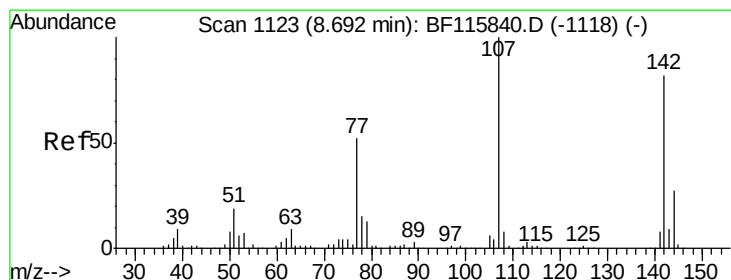
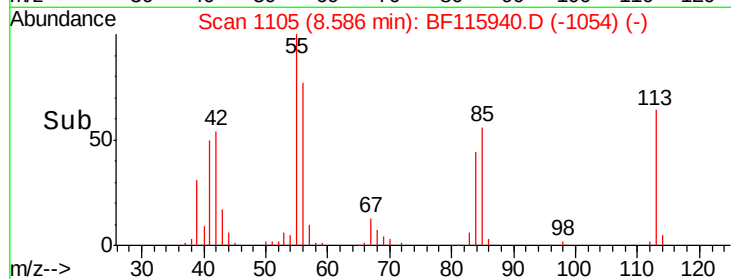
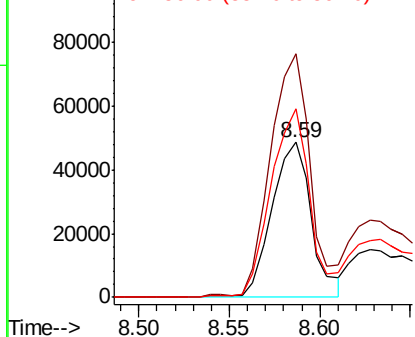
#35
 Caprolactam
 Concen: 27.112 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121939BS

Tot Ion:113 Resp: 74242
 Ion Ratio Lower Upper
 113 100
 55 157.1 138.1 178.1
 56 121.4 100.6 140.6

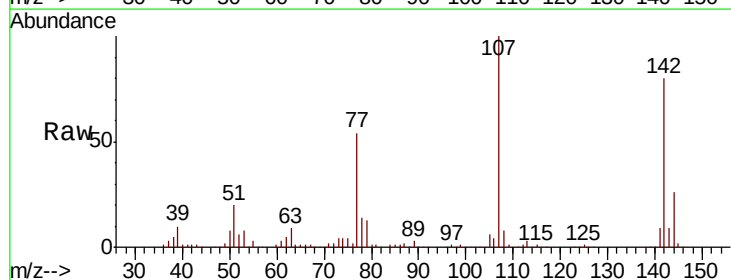


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

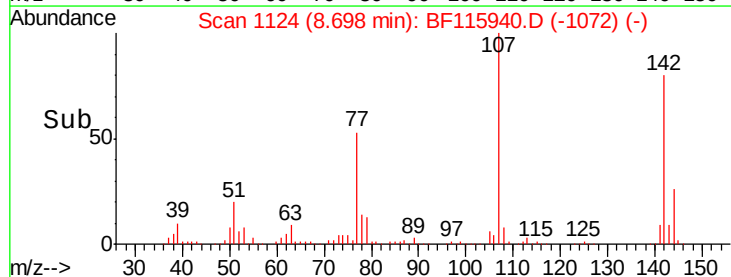
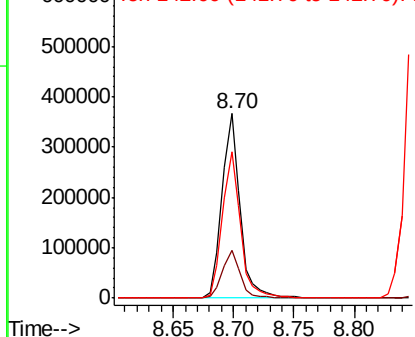


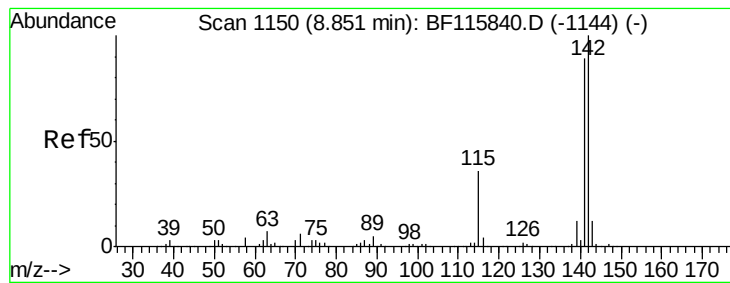
#36
 4-Chloro-3-methylphenol
 Concen: 43.190 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. 0.01 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Tgt Ion:107 Resp: 380415
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.4 32.0
 142 79.6 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: 42.192 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

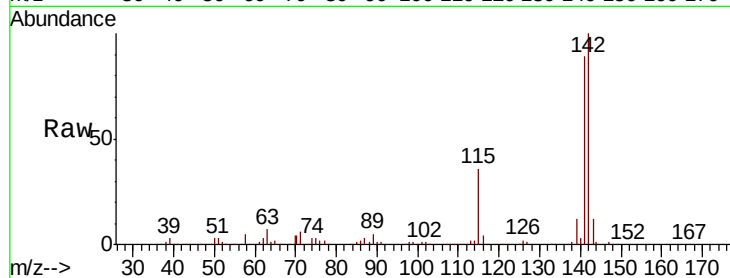
Tot Ion:142 Resp: 790375

Ion Ratio Lower Upper

142 100

141 89.5 71.4 107.2

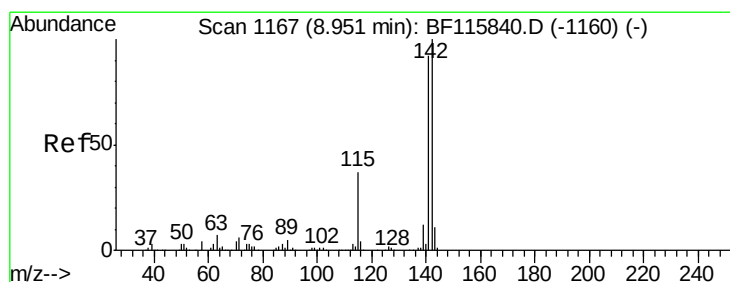
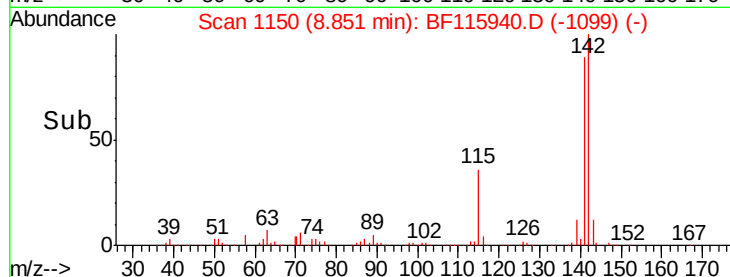
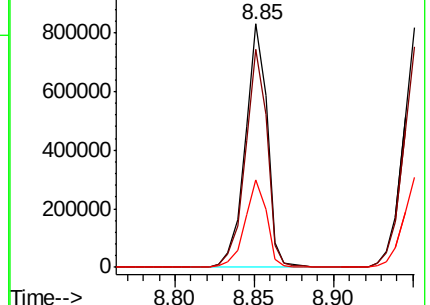
115 36.0 28.9 43.3



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: 42.154 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

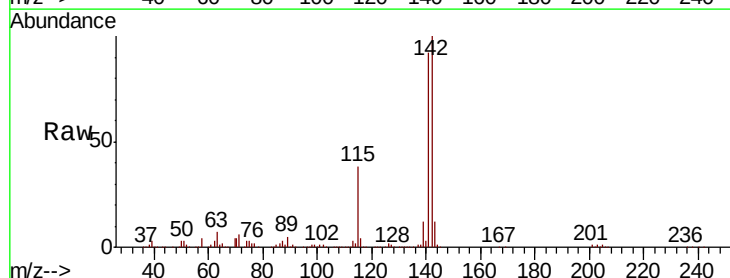
Tgt Ion:142 Resp: 747055

Ion Ratio Lower Upper

142 100

141 91.8 73.8 110.6

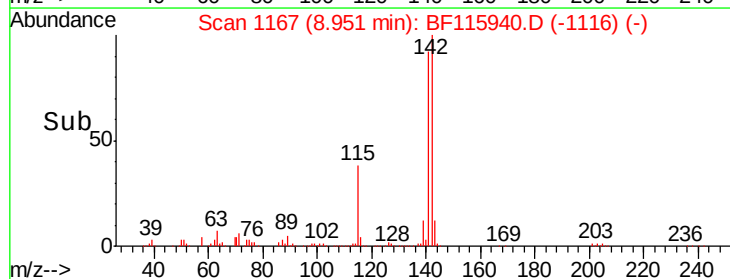
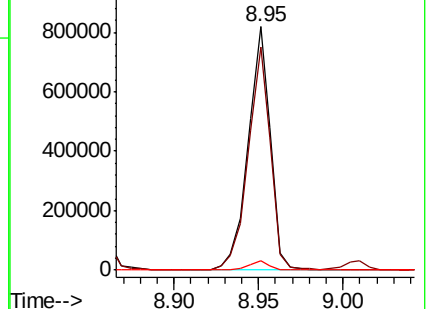
116 3.9 3.1 4.7

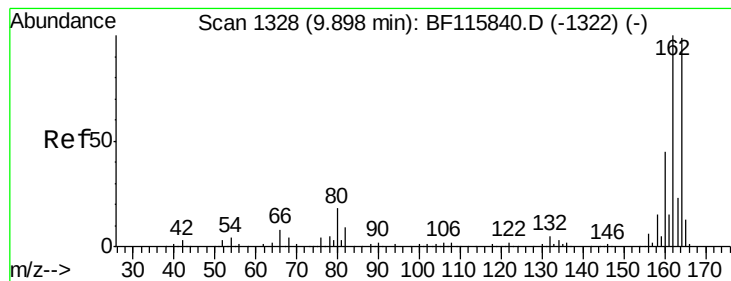


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

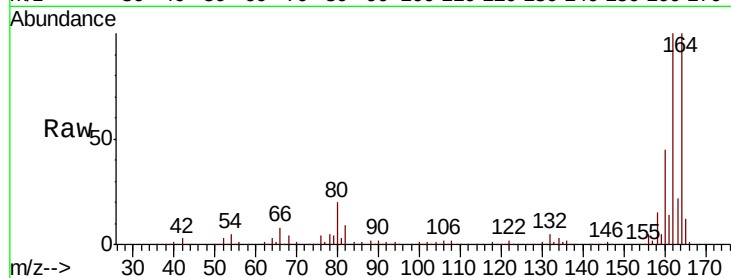
Tot Ion:164 Resp: 330095

Ion Ratio Lower Upper

164 100

162 100.5 80.8 121.2

160 45.0 36.2 54.4

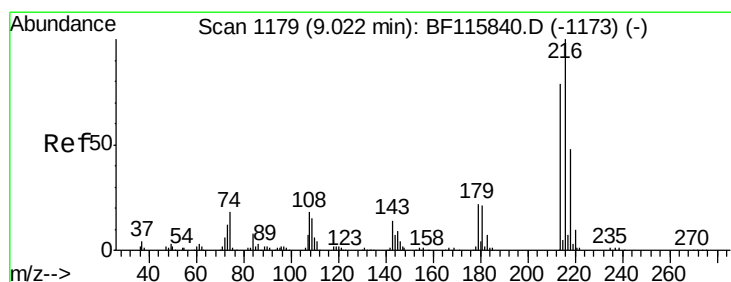
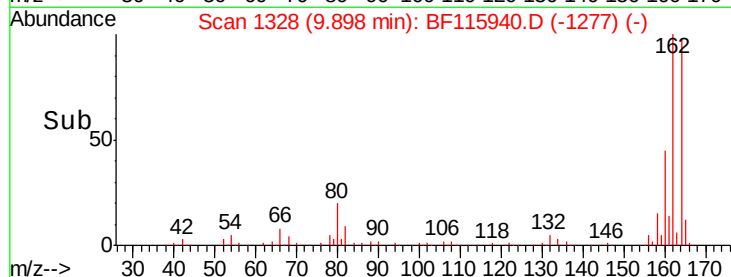
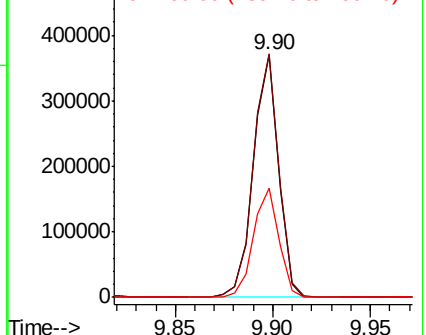


Abundance

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: 41.167 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Tgt Ion:216 Resp: 363286

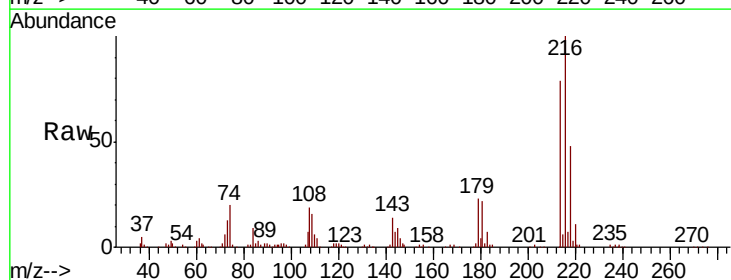
Ion Ratio Lower Upper

216 100

214 78.6 62.8 94.2

179 22.0 17.6 26.4

108 21.1 16.1 24.1



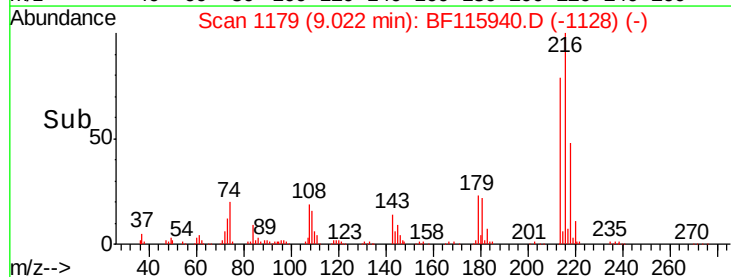
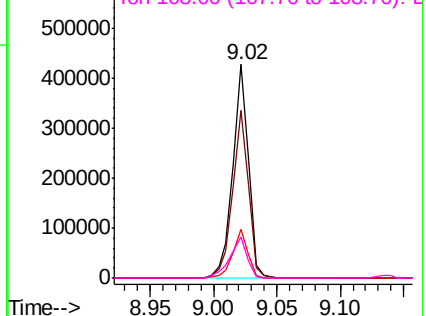
Abundance

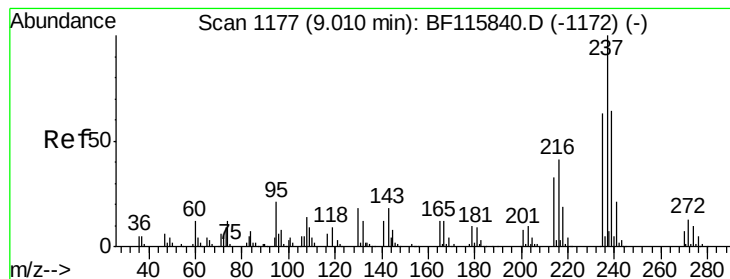
Ion 216.00 (215.70 to 216.70): E

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: 57.043 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

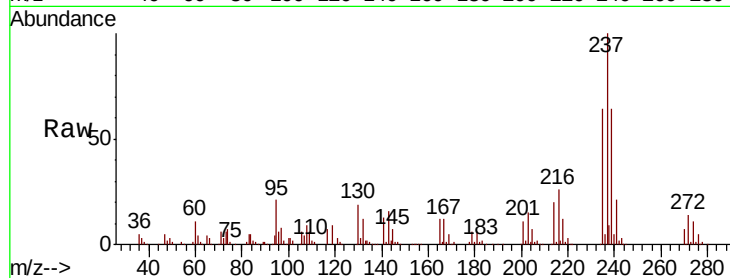
Tot Ion:237 Resp: 218715

Ion Ratio Lower Upper

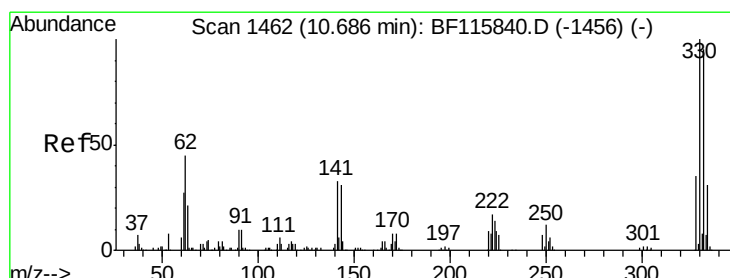
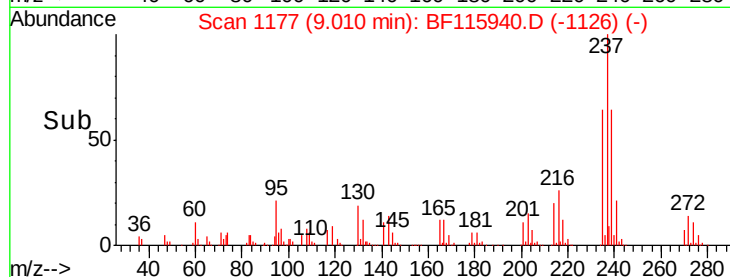
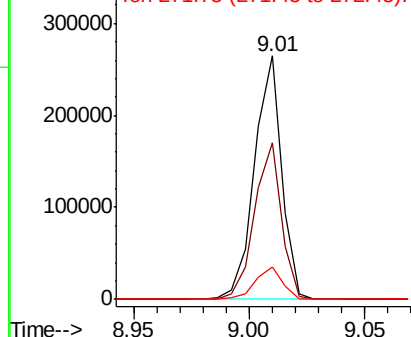
237 100

235 64.1 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: 120.079 ng

RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

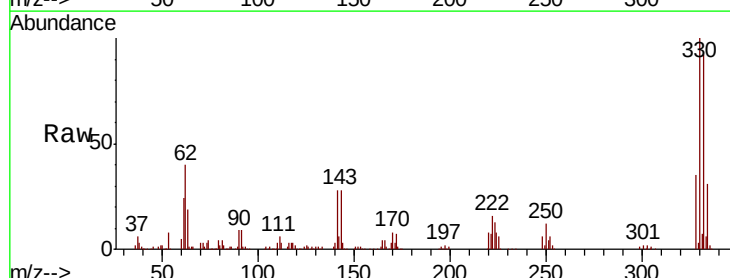
Tgt Ion:330 Resp: 384295

Ion Ratio Lower Upper

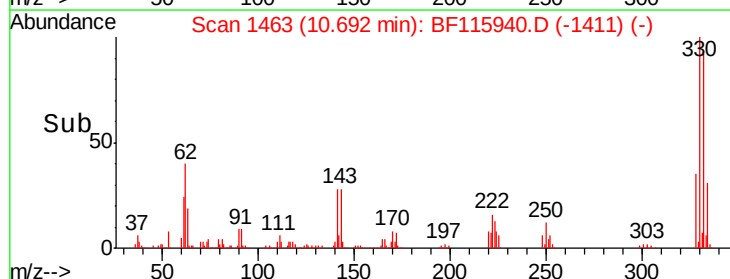
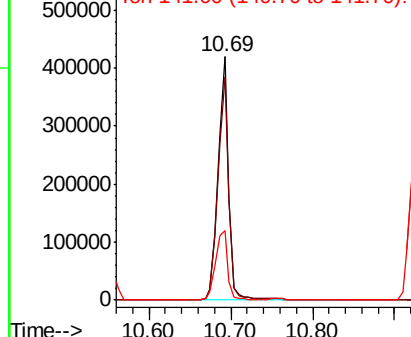
330 100

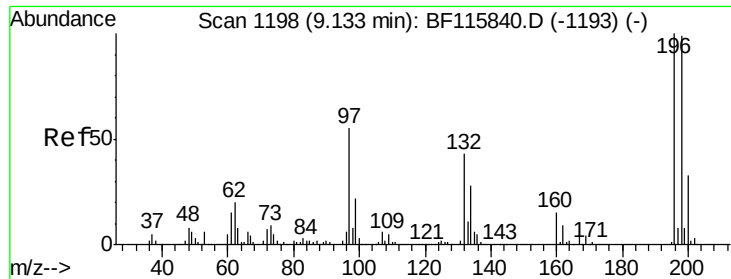
332 95.4 77.7 116.5

141 32.2 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

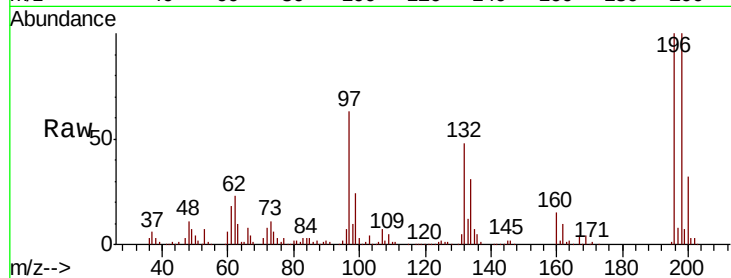




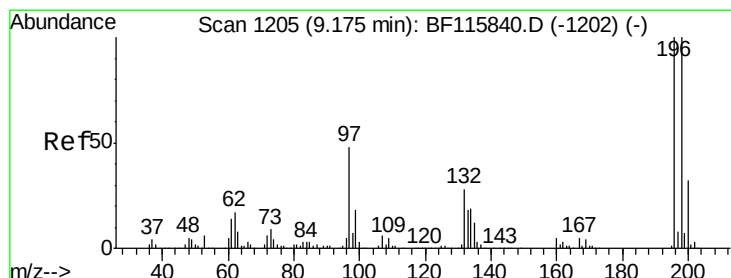
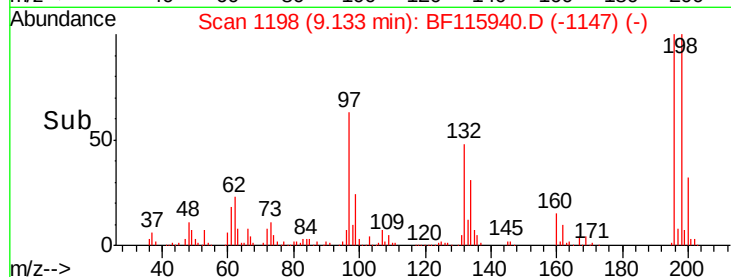
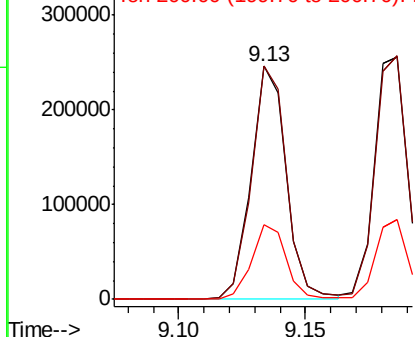
#43
 2,4,6-Trichlorophenol
 Concen: 39.300 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampleID :
 PB121939BS

Tot Ion:196 Resp: 238714
 Ion Ratio Lower Upper
 196 100
 198 100.1 79.1 118.7
 200 32.2 26.0 39.0

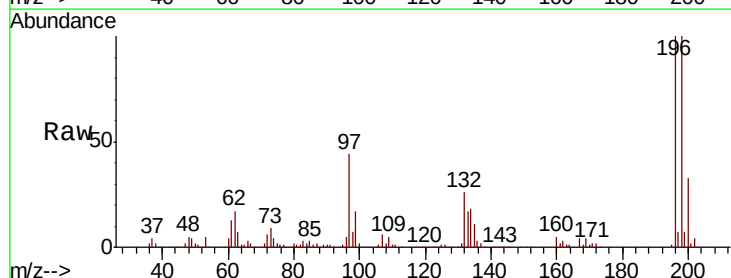


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

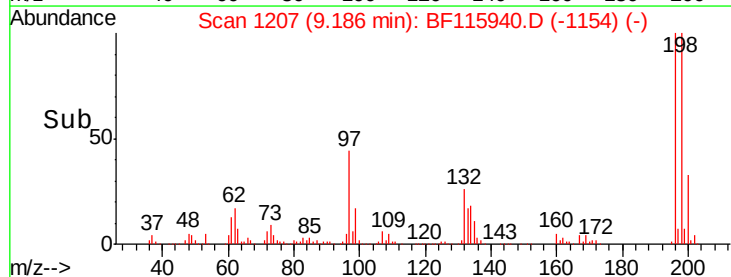
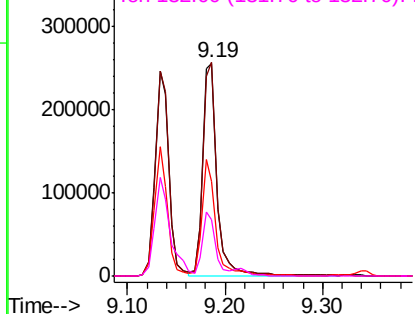


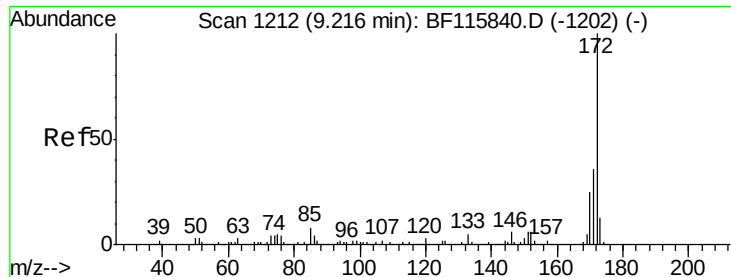
#44
 2,4,5-Trichlorophenol
 Concen: 41.154 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Tgt Ion:196 Resp: 258402
 Ion Ratio Lower Upper
 196 100
 198 100.3 80.1 120.1
 97 44.4 38.9 58.3
 132 26.2 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: 83.947 ng

RT: 9.22 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

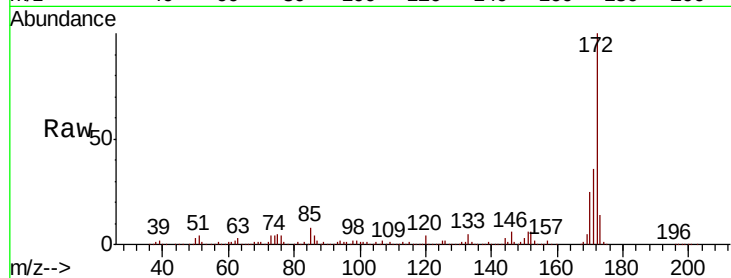
BNA_F

ClientSampleId :

PB121939BS

Tot Ion:172 Resp: 1479420

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.1	43.7
170	25.1	20.1	30.1

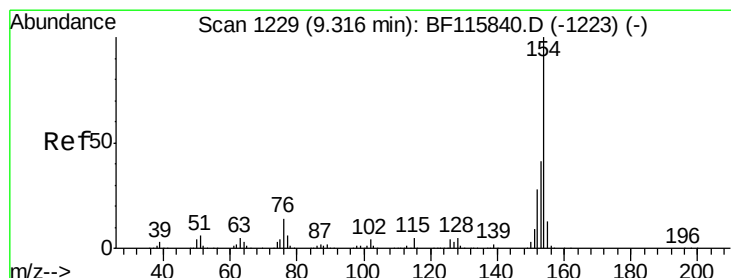
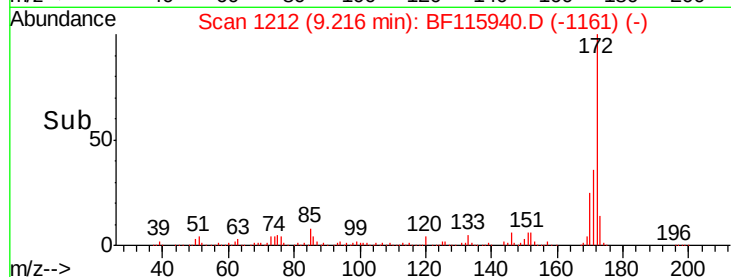
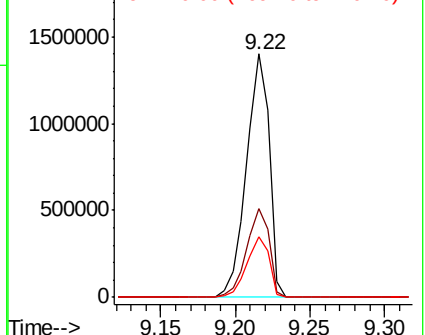


Abundance

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: 41.534 ng

RT: 9.32 min Scan# 1229

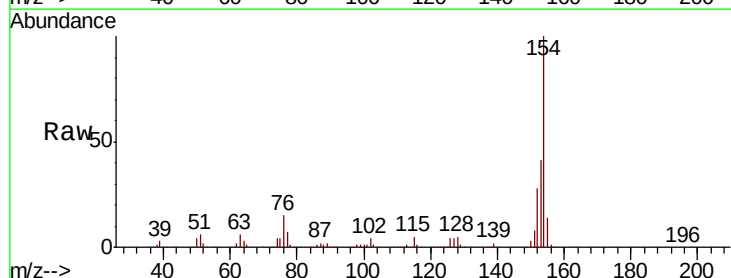
Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Tgt Ion:154 Resp: 967938

Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	14.7	0.0	34.3

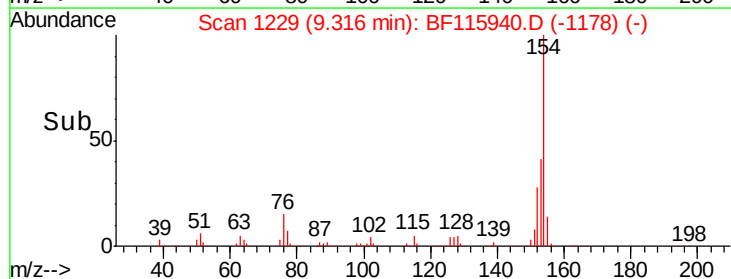
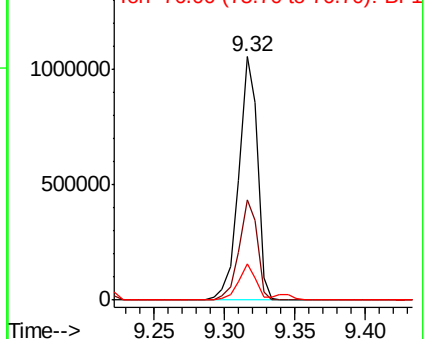


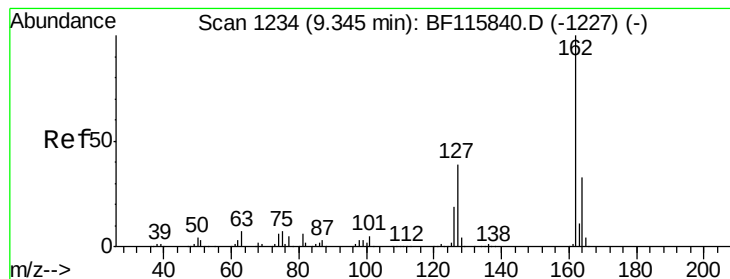
Abundance

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: 38.796 ng

RT: 9.35 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

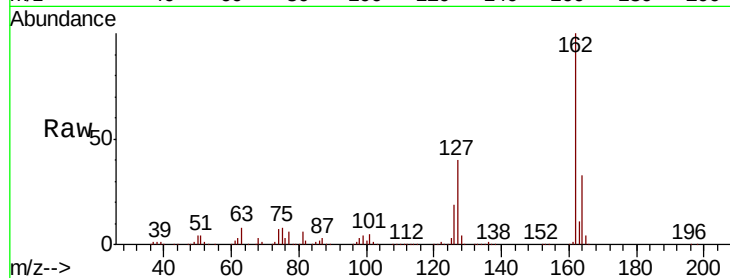
Tot Ion:162 Resp: 752491

Ion Ratio Lower Upper

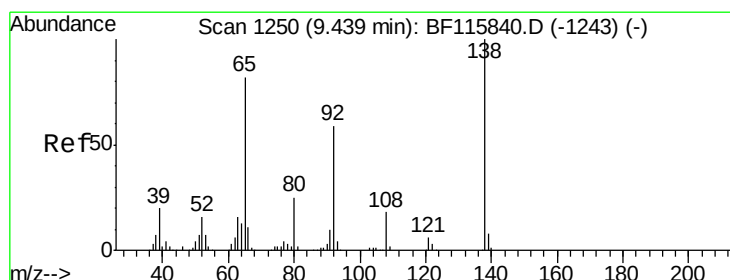
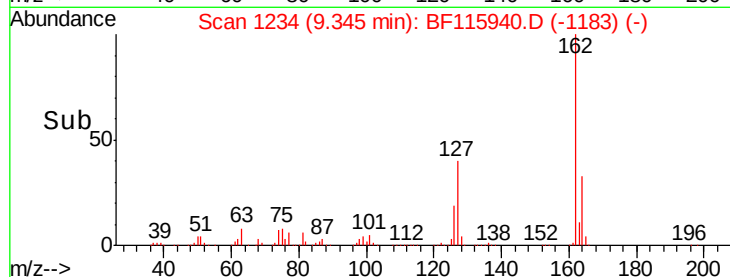
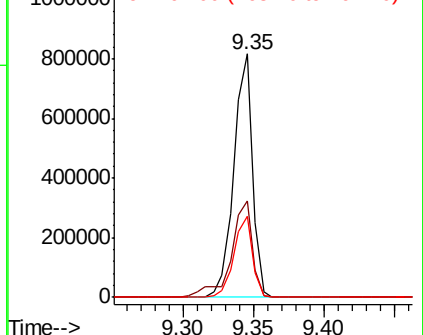
162 100

127 39.7 31.3 46.9

164 33.3 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: 38.669 ng

RT: 9.44 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

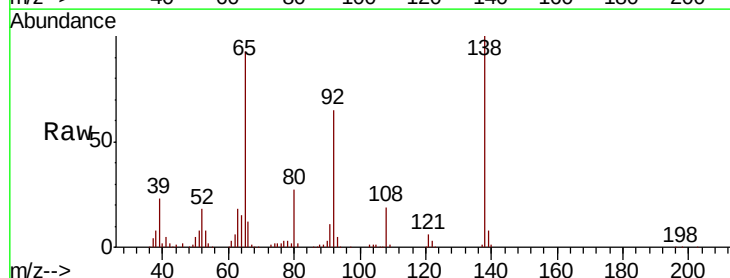
Tgt Ion: 65 Resp: 247912

Ion Ratio Lower Upper

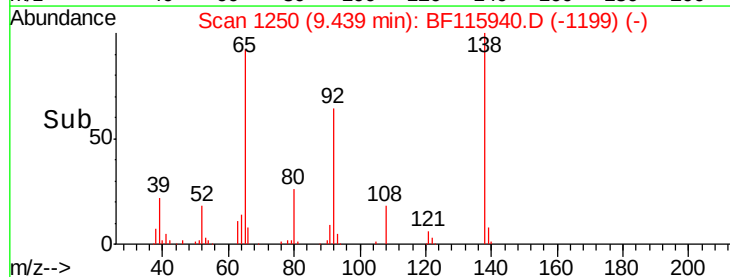
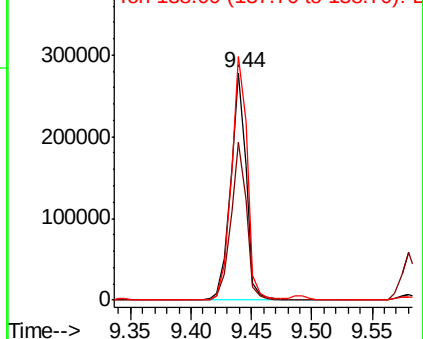
65 100

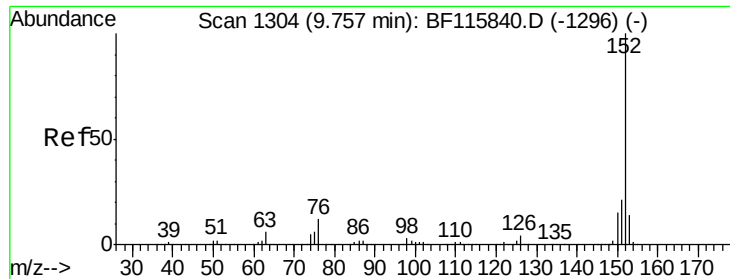
92 69.3 57.1 85.7

138 107.3 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: 40.929 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

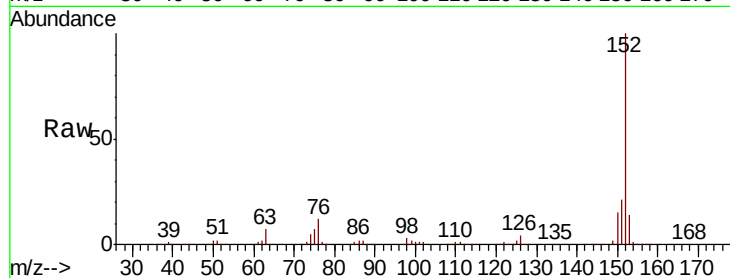
Tot Ion:152 Resp: 1158185

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

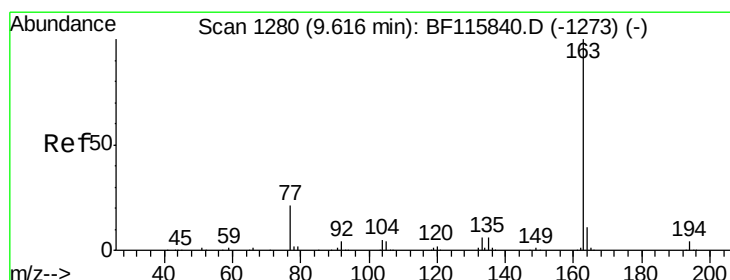
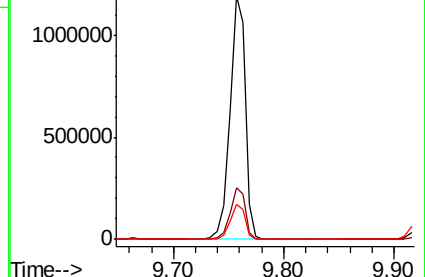
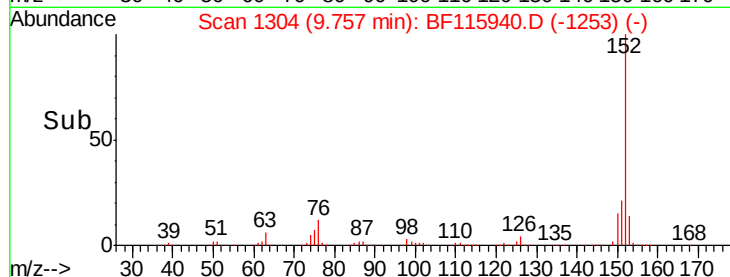
153 14.3 11.6 17.4



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: 41.134 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

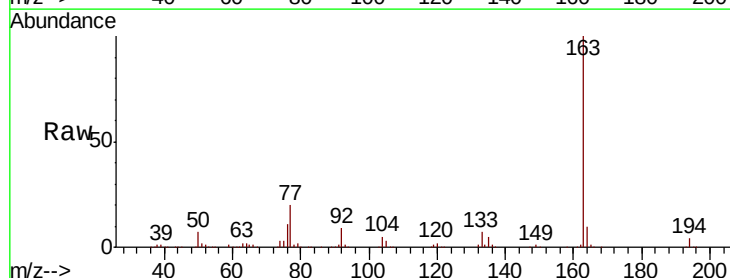
Tgt Ion:163 Resp: 924516

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

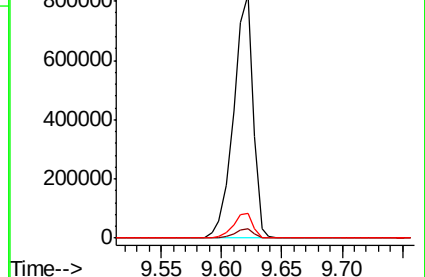
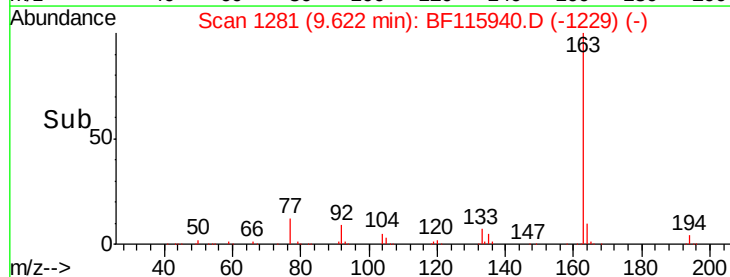
164 10.4 8.4 12.6

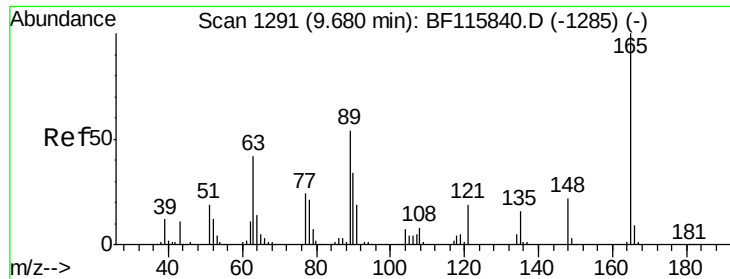


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.042 ng

RT: 9.68 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

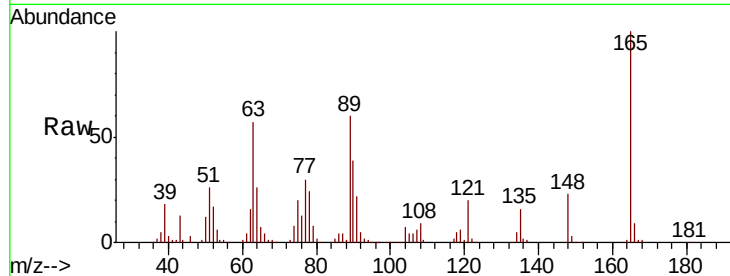
Tot Ion:165 Resp: 205350

Ion Ratio Lower Upper

165 100

63 57.5 39.4 59.2

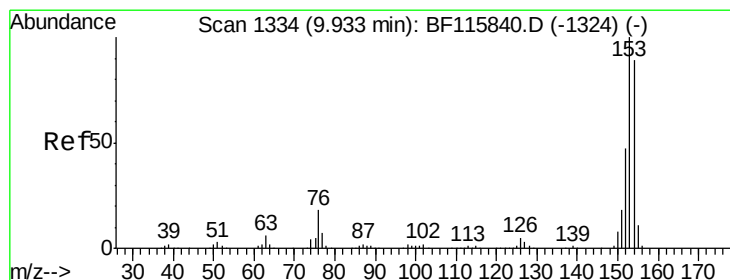
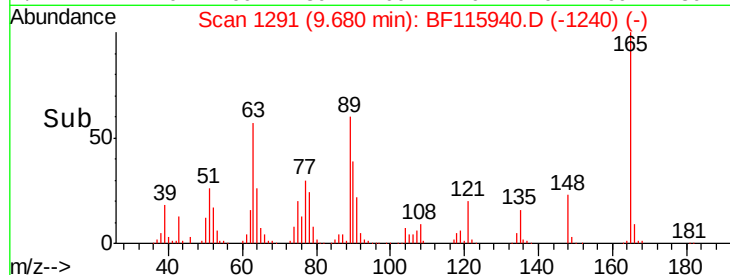
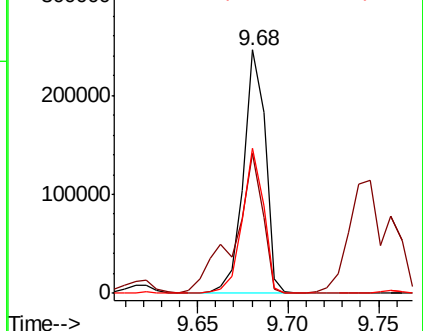
89 59.5 43.0 64.6



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: 39.542 ng

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

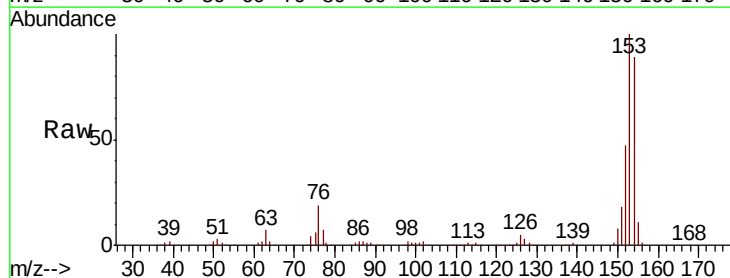
Tgt Ion:154 Resp: 686447

Ion Ratio Lower Upper

154 100

153 112.8 90.1 135.1

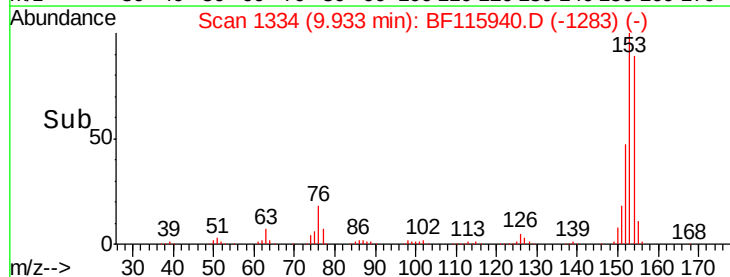
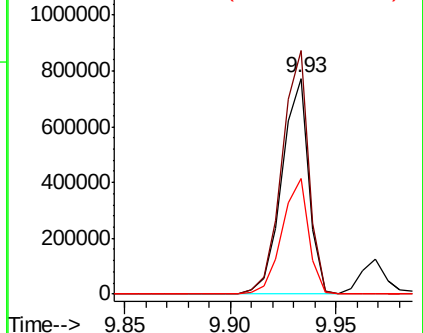
152 53.5 42.6 63.8

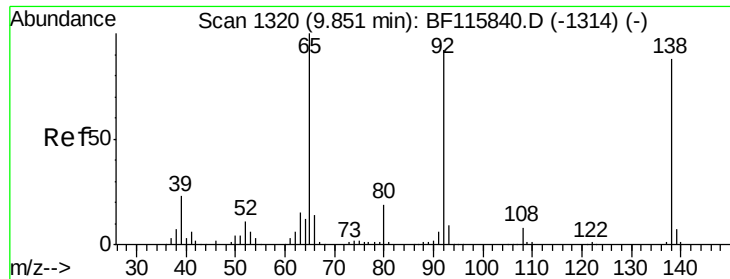


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

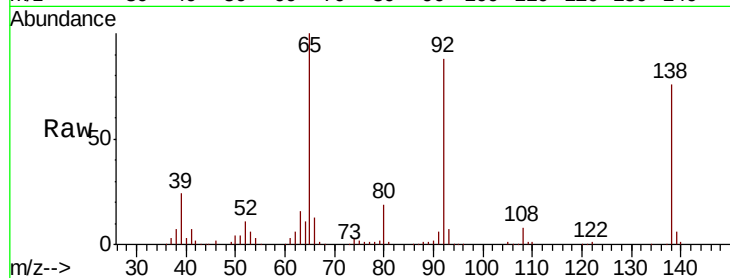




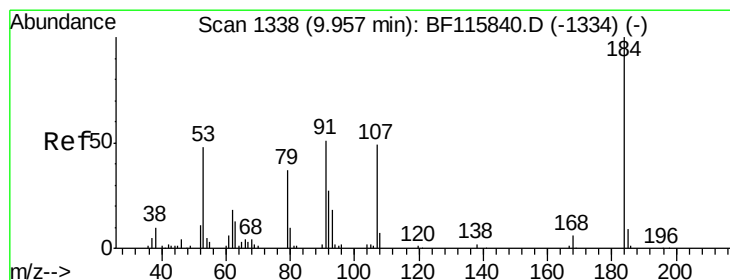
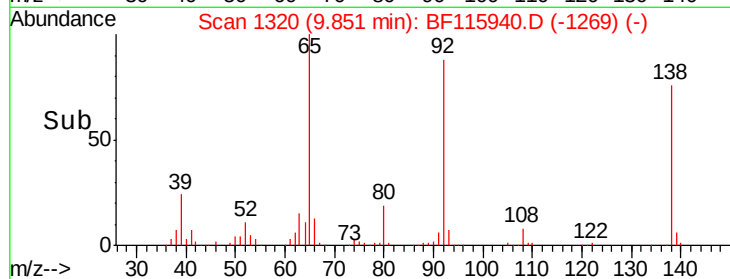
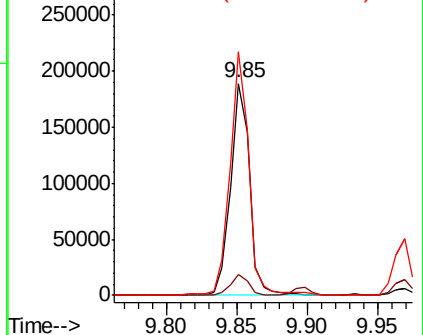
#53
 3-Nitroaniline
 Concen: 29.317 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121939BS

Tot Ion:138 Resp: 176936
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.4 11.2
 92 115.0 83.9 125.9

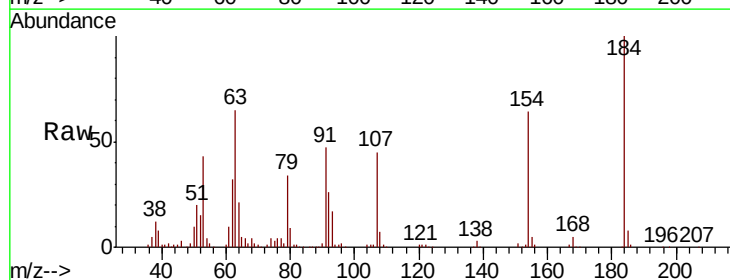


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

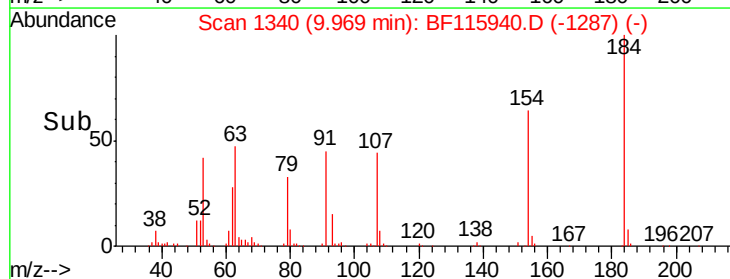
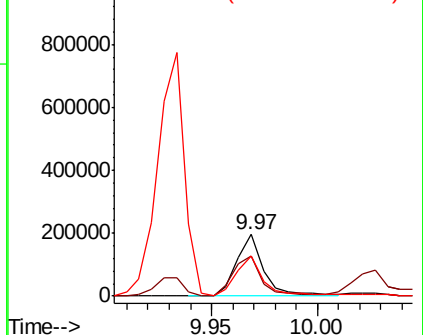


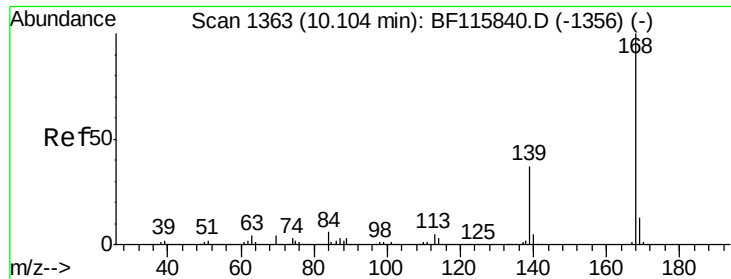
#54
 2,4-Dinitrophenol
 Concen: 71.832 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Tgt Ion:184 Resp: 176254
 Ion Ratio Lower Upper
 184 100
 63 64.7 56.7 85.1
 154 64.4 51.9 77.9



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

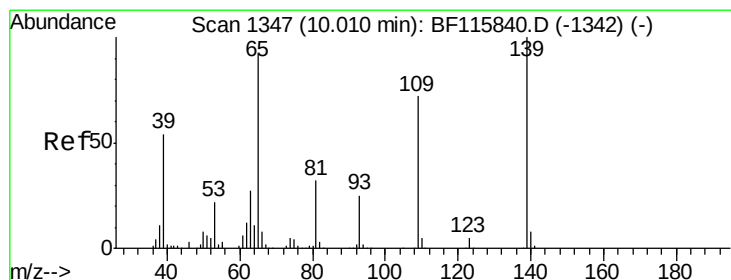
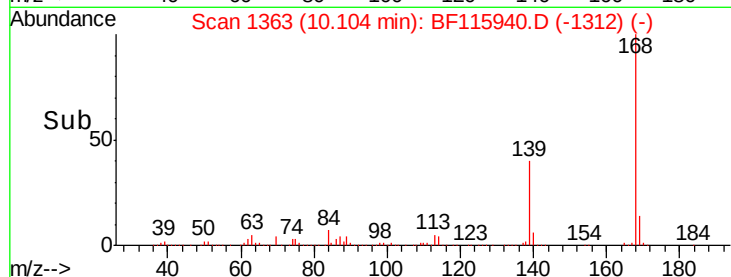
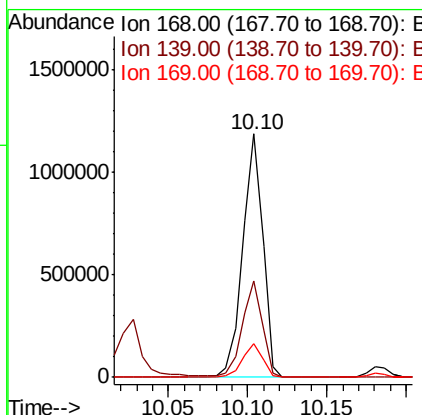
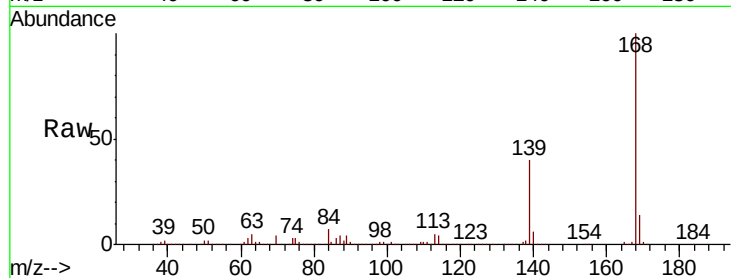




#55
Dibenzofuran
Concen: 41.108 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

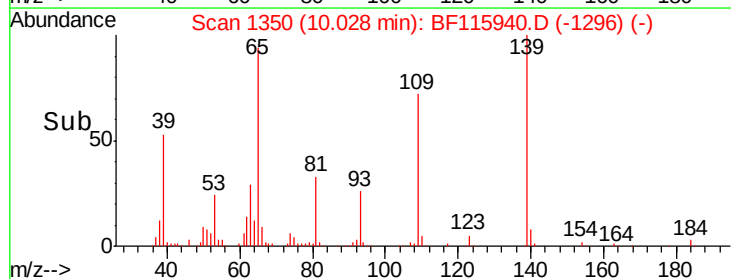
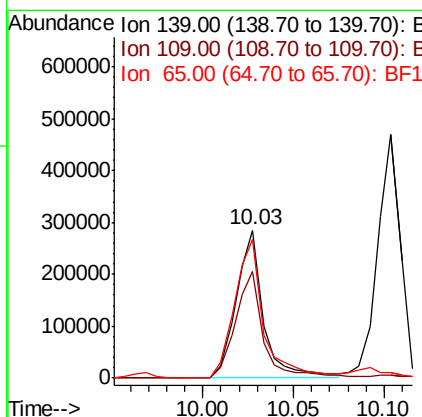
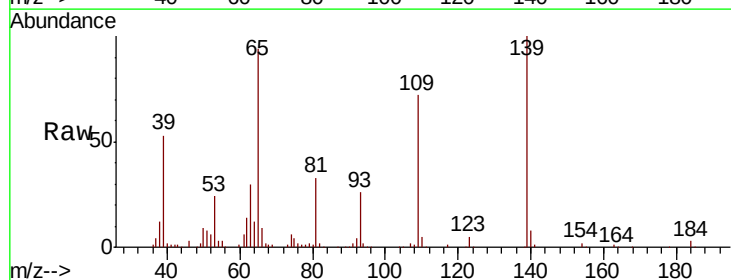
Instrument :
BNA_F
ClientSampleId :
PB121939BS

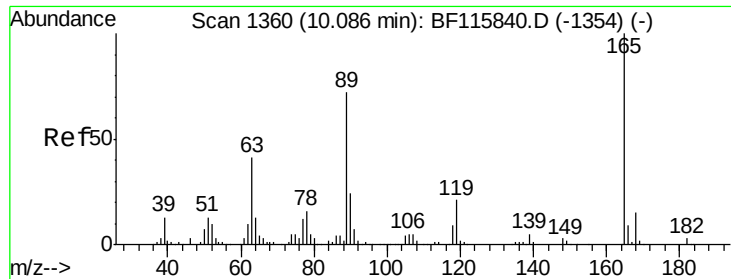
Tot Ion:168 Resp: 1037811
Ion Ratio Lower Upper
168 100
139 39.6 30.2 45.2
169 13.8 10.8 16.2



#56
4-Nitrophenol
Concen: 77.216 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:139 Resp: 298532
Ion Ratio Lower Upper
139 100
109 72.0 52.0 92.0
65 93.6 72.6 112.6

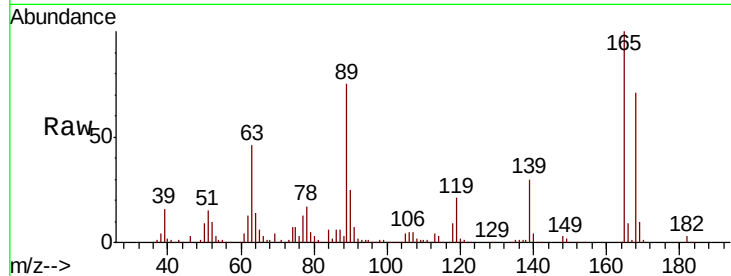




#57
2,4-Dinitrotoluene
Concen: 41.693 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB121939BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.6	33.2	49.8
89	75.2	57.3	85.9
182	2.5	2.1	3.1



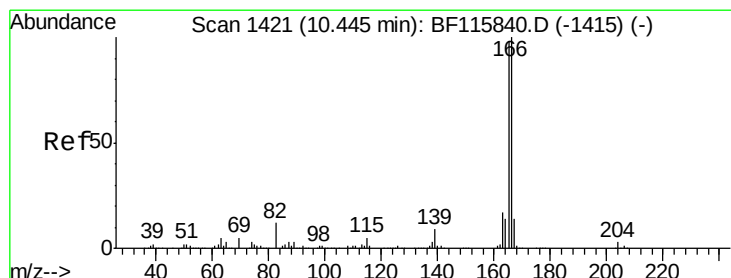
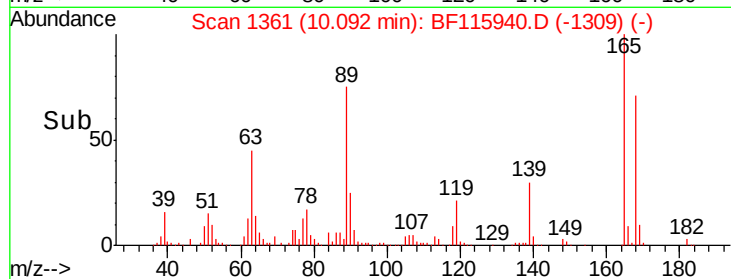
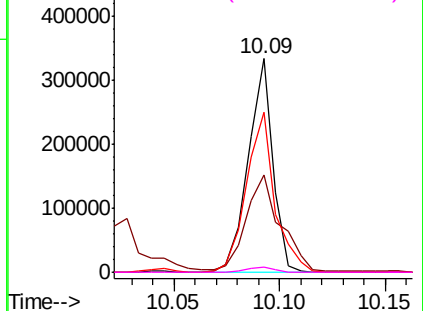
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

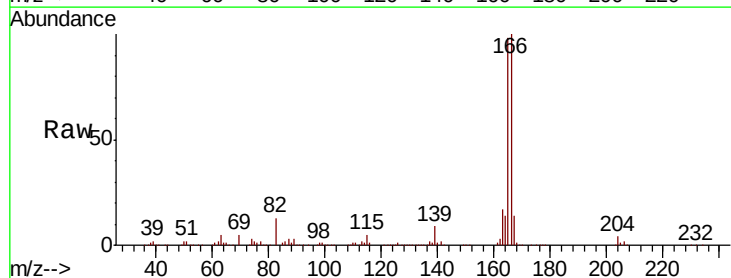
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.887 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	78.6	118.0
167	13.8	10.9	16.3

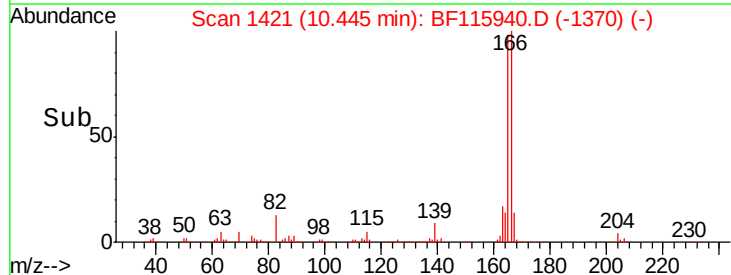
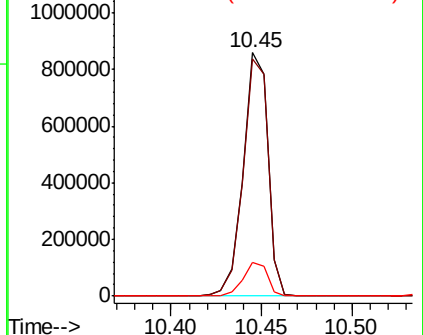


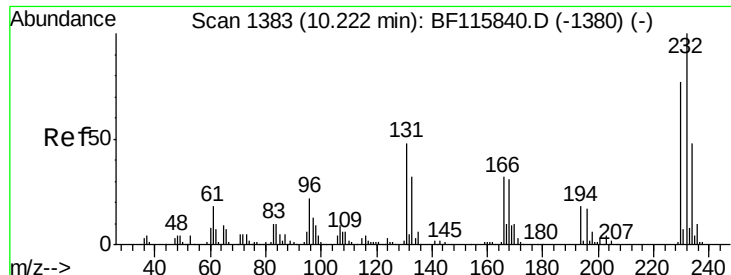
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

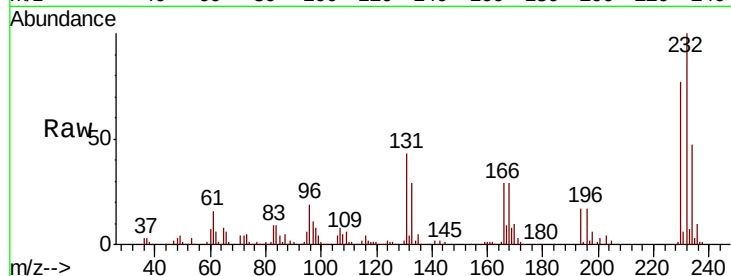




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.625 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB121939BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.2	37.6	56.4
130	2.3	1.8	2.8
166	29.0	24.6	37.0



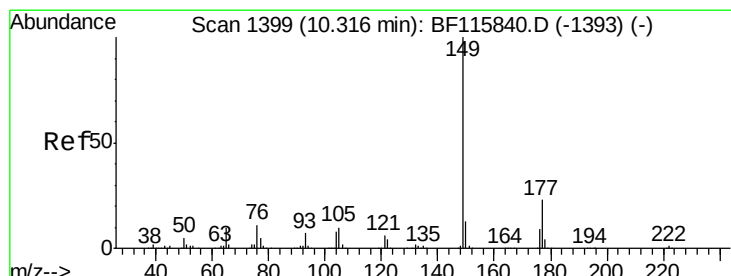
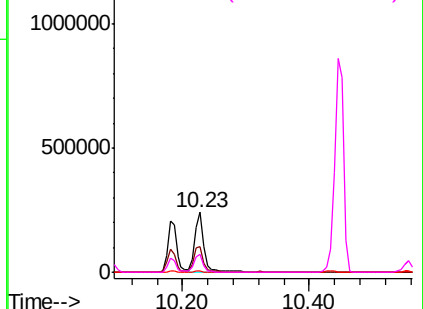
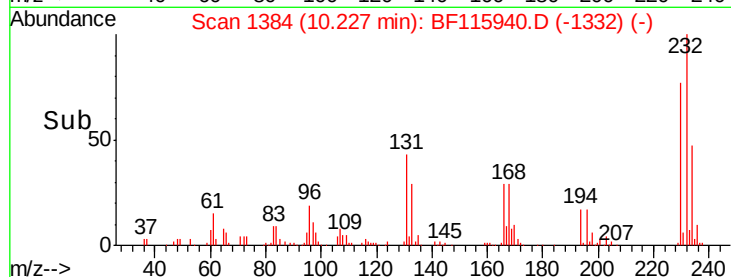
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

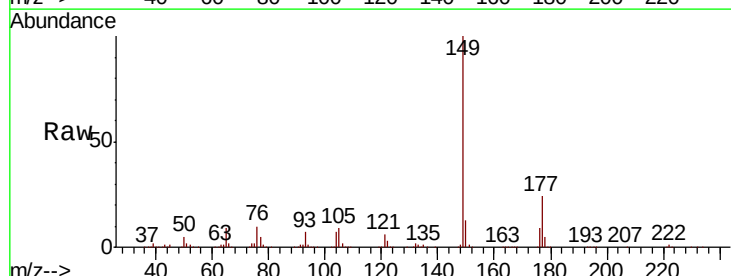
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.659 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.4	27.6
150	12.6	10.1	15.1

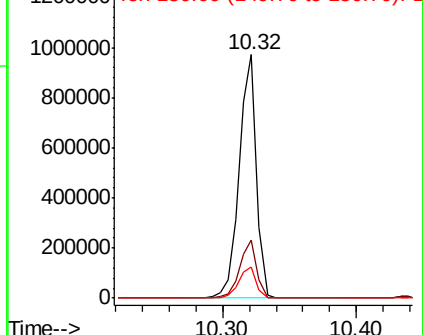
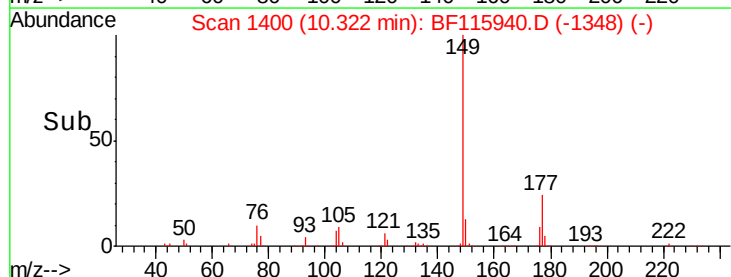


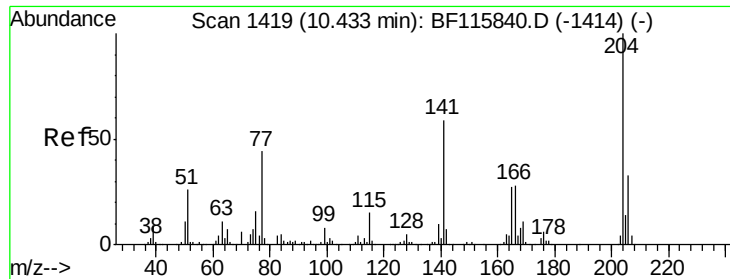
Abundance

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

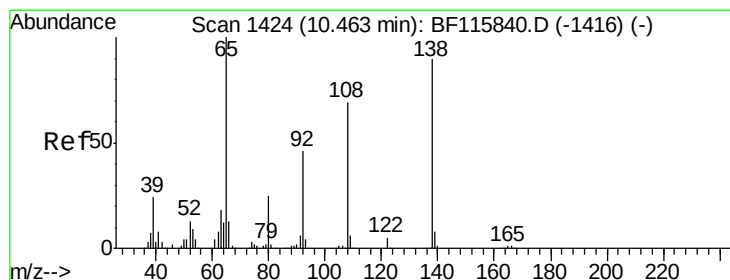
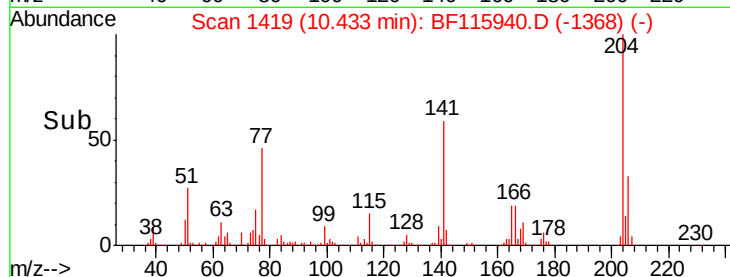
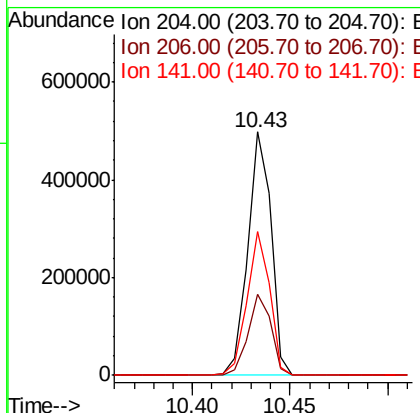
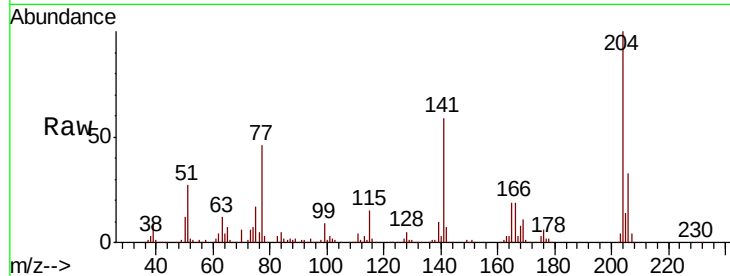




#61
4-Chlorophenyl-phenylether
Concen: 41.885 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

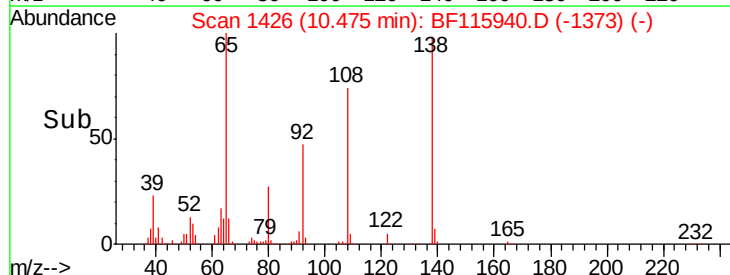
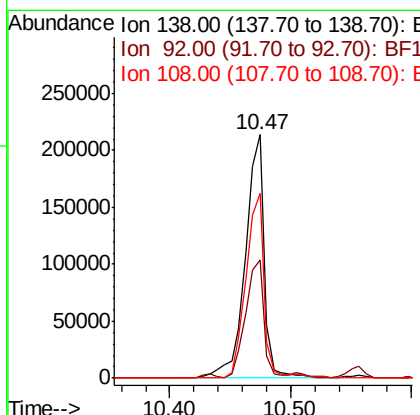
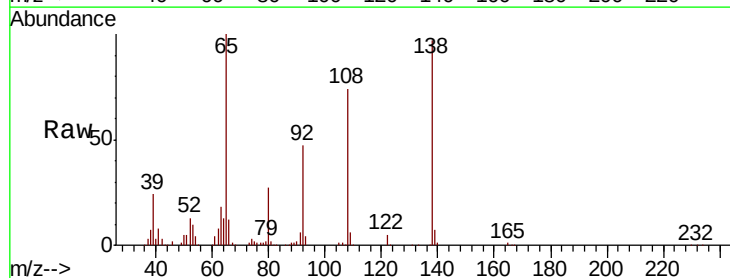
Instrument :
BNA_F
ClientSampleId :
PB121939BS

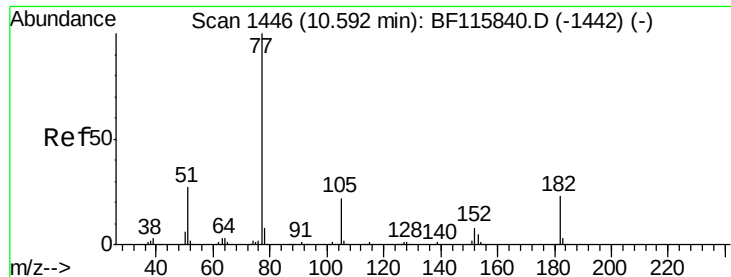
Tot Ion:204 Resp: 412024
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 59.3 47.0 70.4



#62
4-Nitroaniline
Concen: 37.513 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:138 Resp: 233972
Ion Ratio Lower Upper
138 100
92 48.5 31.0 71.0
108 76.0 56.7 96.7

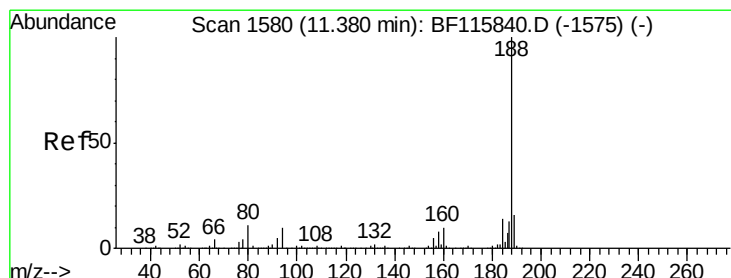
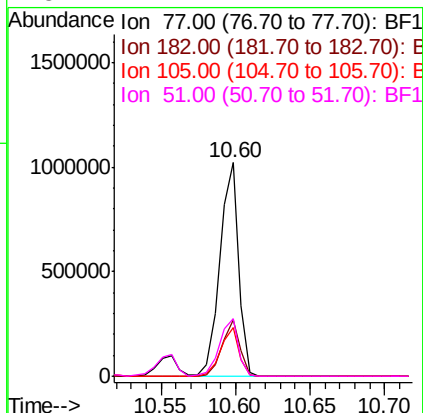
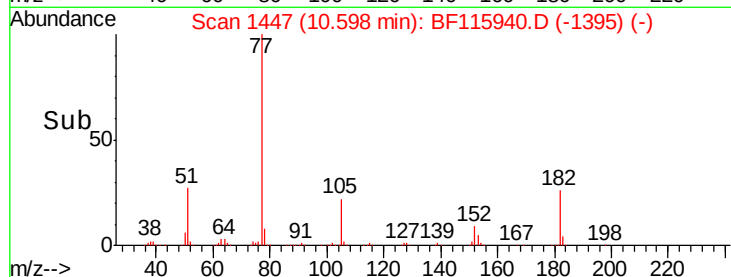
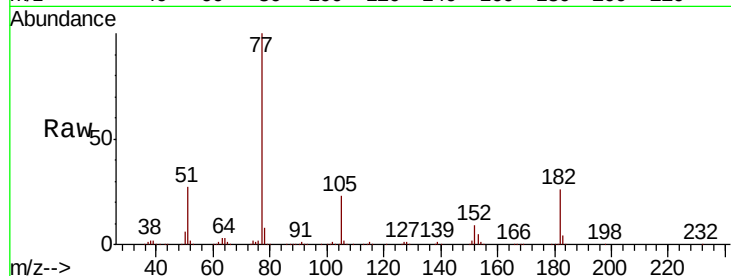




#63
Azobenzene
Concen: 42.021 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

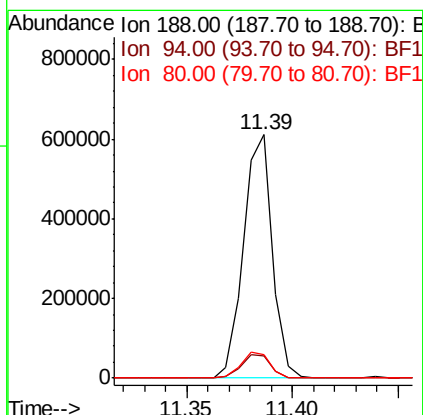
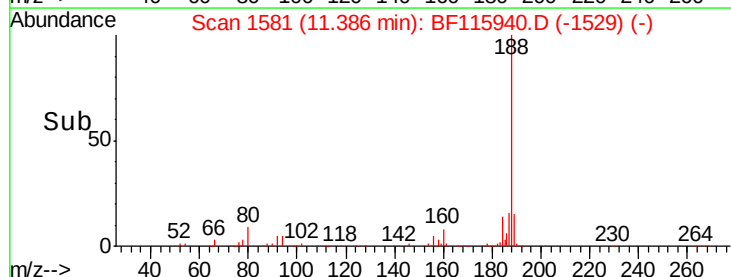
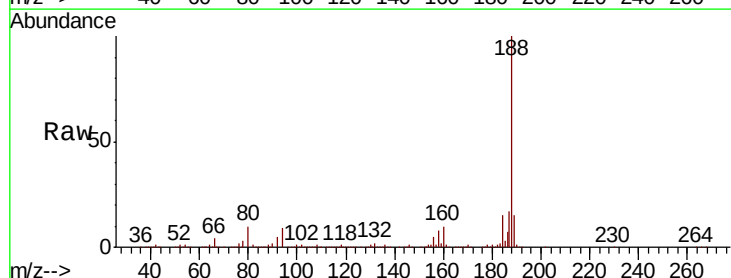
Instrument :
BNA_F
ClientSampleId :
PB121939BS

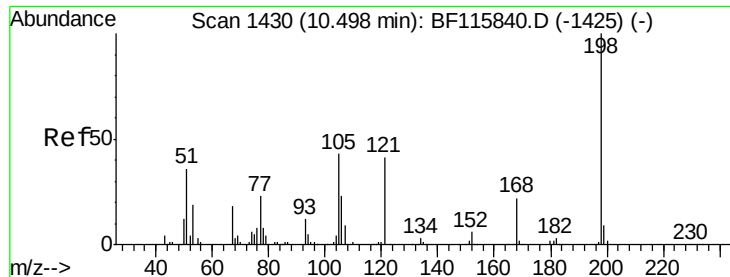
Tot Ion:	77	Resp:	906954
Ion	Ratio	Lower	Upper
77	100		
182	26.1	2.6	42.6
105	22.5	1.6	41.6
51	27.2	7.4	47.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:	188	Resp:	577770
Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.0	12.0
80	9.8	8.6	12.8





#65

4,6-Dinitro-2-methylphenol

Concen: 40.677 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

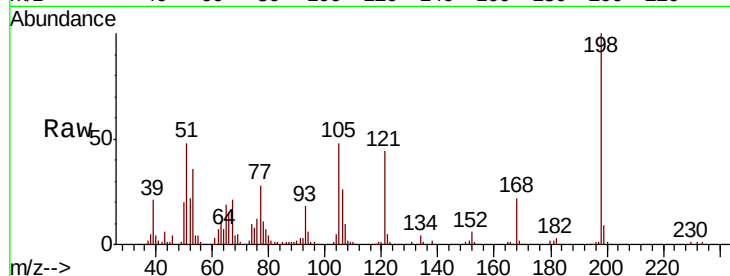
Tot Ion:198 Resp: 124544

Ion Ratio Lower Upper

198 100

51 48.2 21.1 61.1

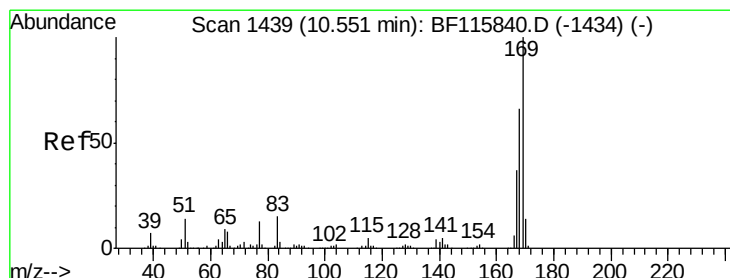
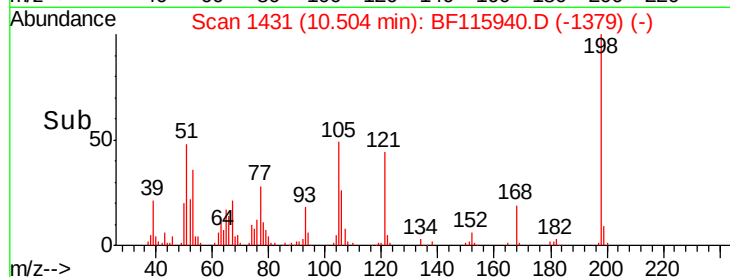
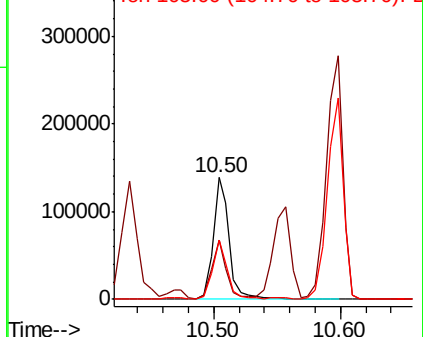
105 48.2 24.5 64.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.325 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

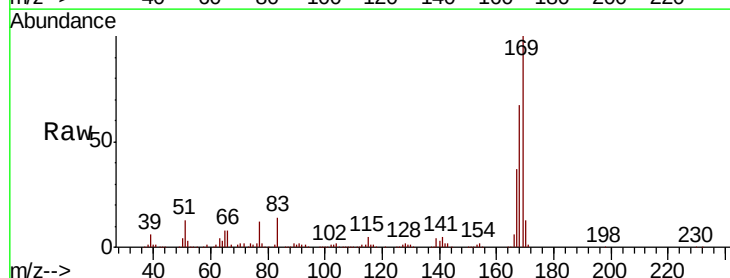
Tgt Ion:169 Resp: 736036

Ion Ratio Lower Upper

169 100

168 67.4 53.0 79.6

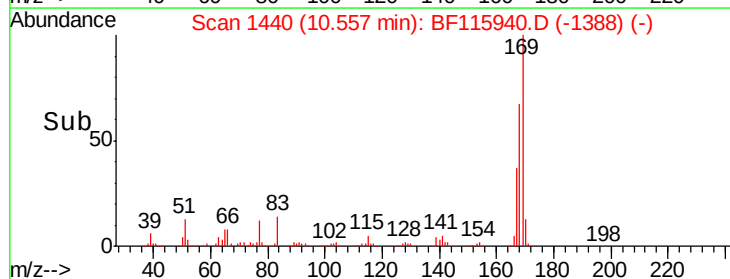
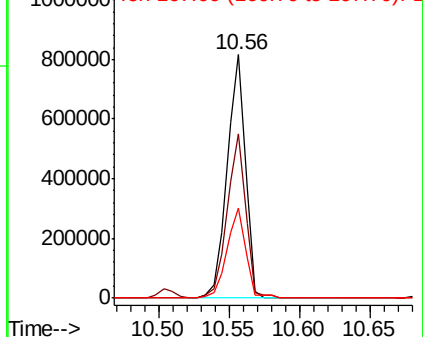
167 37.0 29.9 44.9

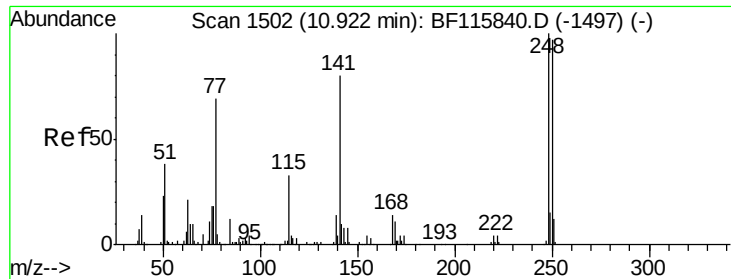


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

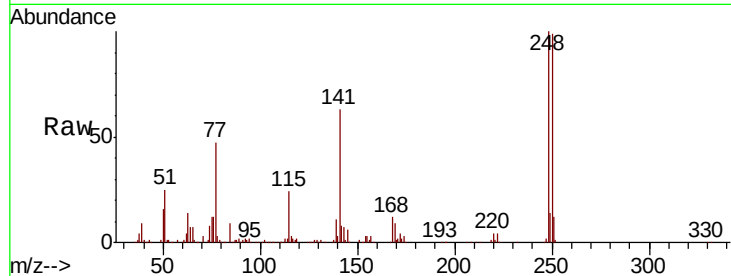




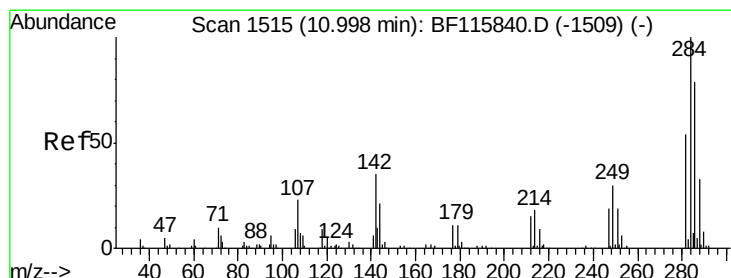
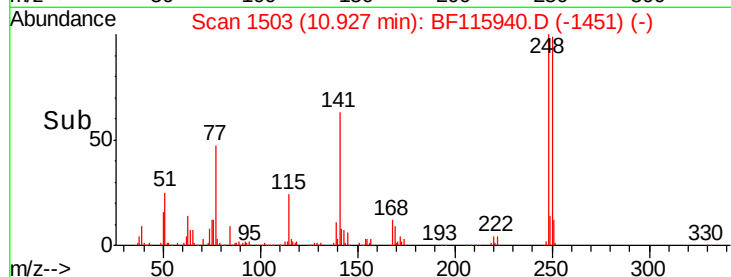
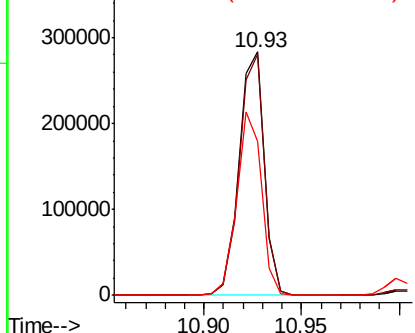
#67
4-Bromophenyl-phenylether
Concen: 41.070 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB121939BS

Tot Ion:248 Resp: 254017
Ion Ratio Lower Upper
248 100
250 98.9 77.8 116.6
141 63.1 64.3 96.5#

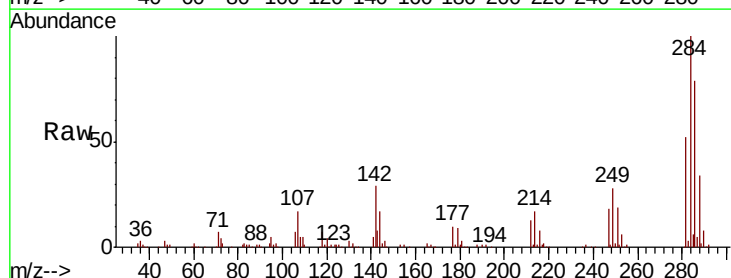


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

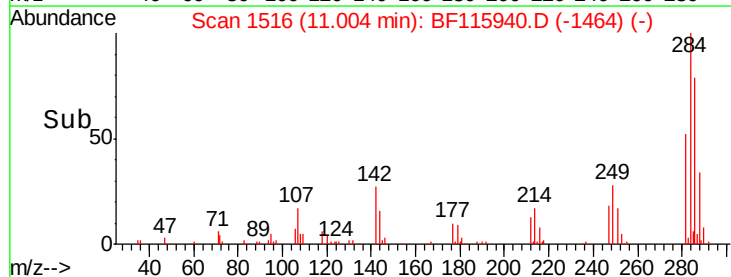
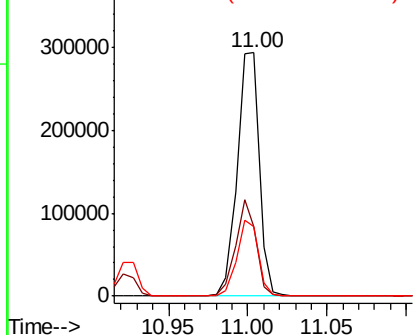


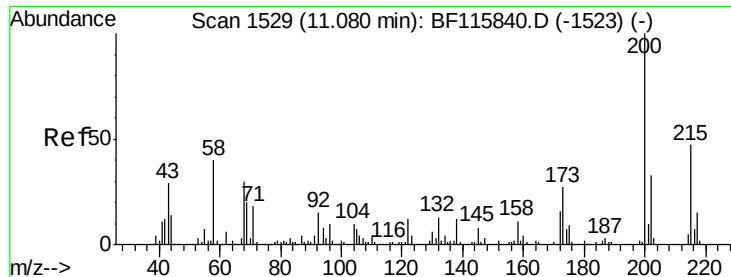
#68
Hexachlorobenzene
Concen: 39.880 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:284 Resp: 285218
Ion Ratio Lower Upper
284 100
142 28.8 28.2 42.2
249 28.4 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

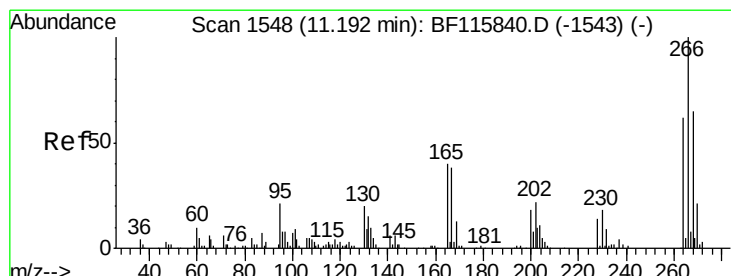
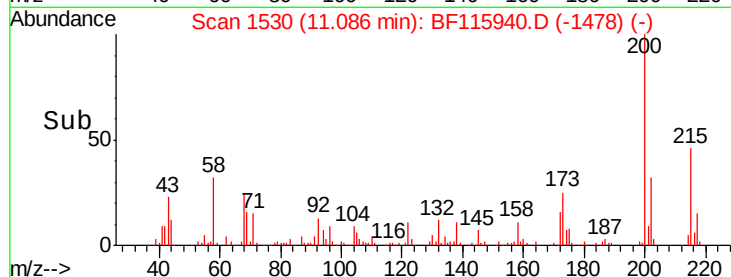
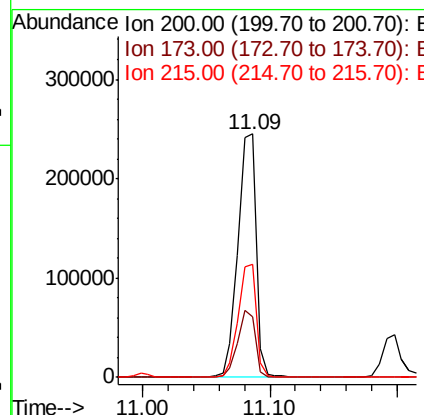
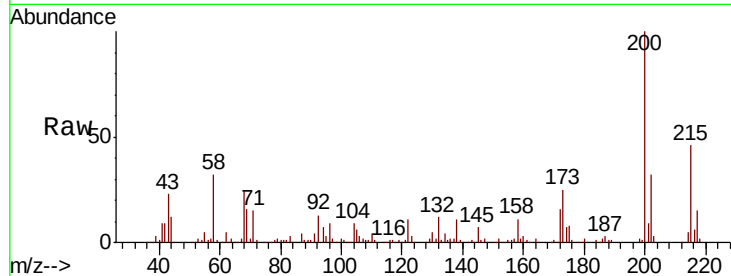




#69
 Atrazine
 Concen: 42.331 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

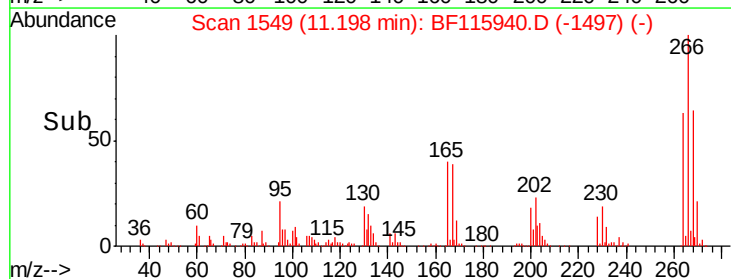
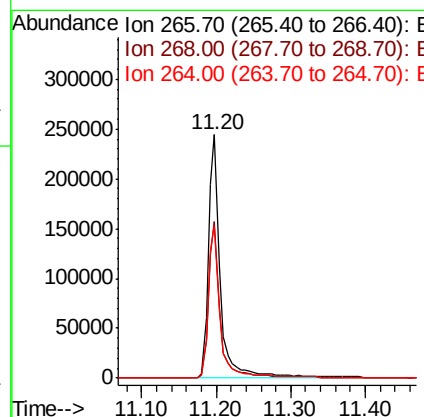
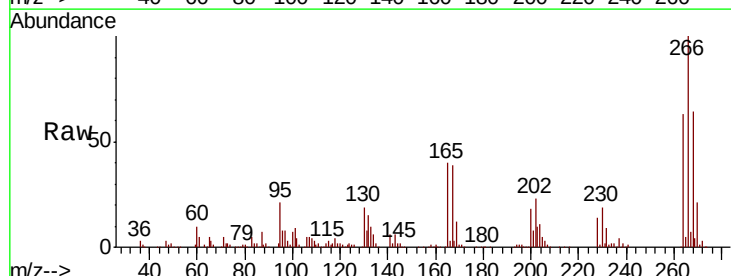
Instrument :
 BNA_F
 ClientSampleId :
 PB121939BS

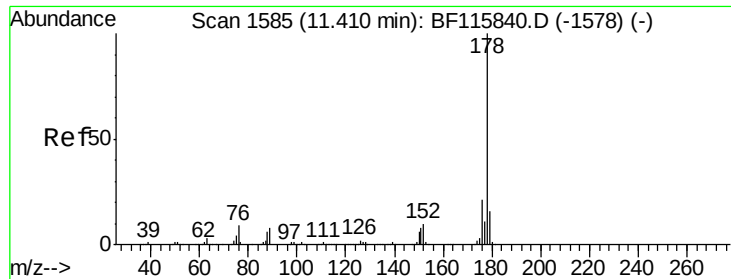
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	7.3	47.3
215	46.2	26.9	66.9



#70
 Pentachlorophenol
 Concen: 79.849 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.6	77.4
264	62.9	49.4	74.0

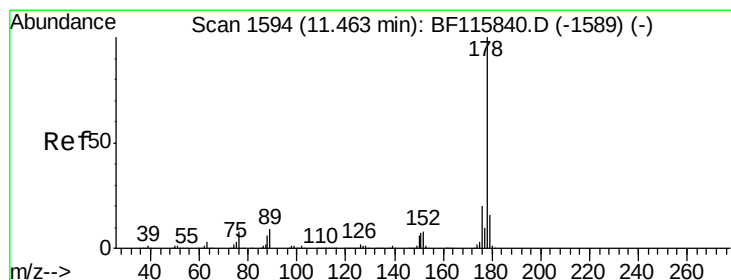
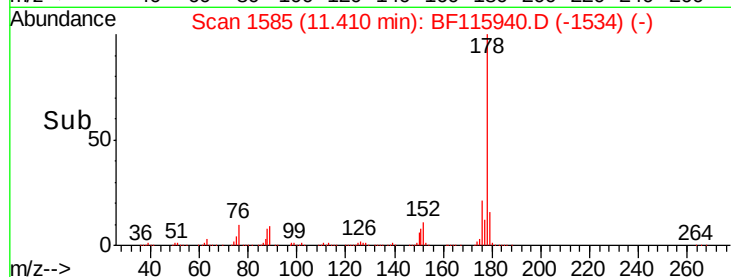
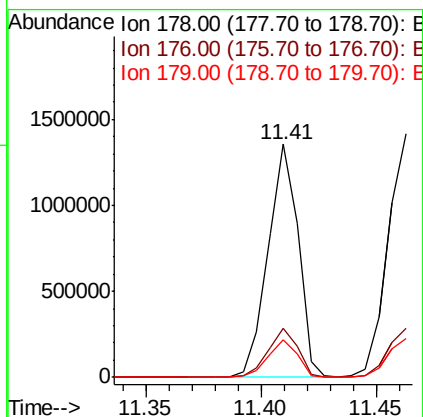
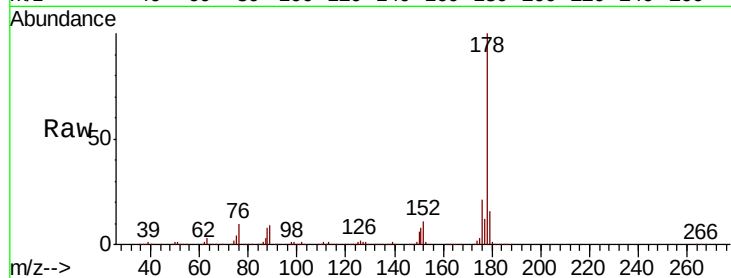




#71
Phenanthrene
Concen: 41.697 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

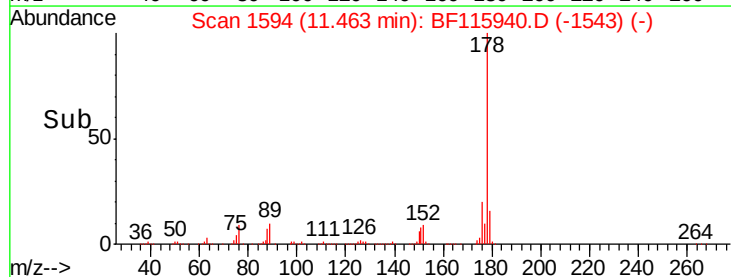
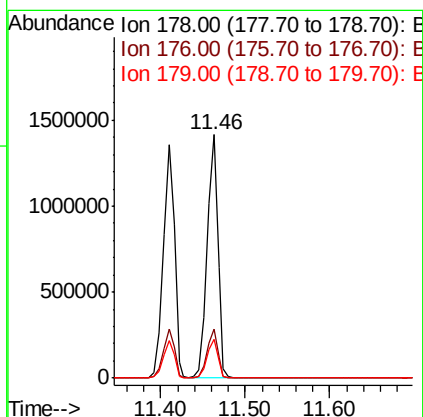
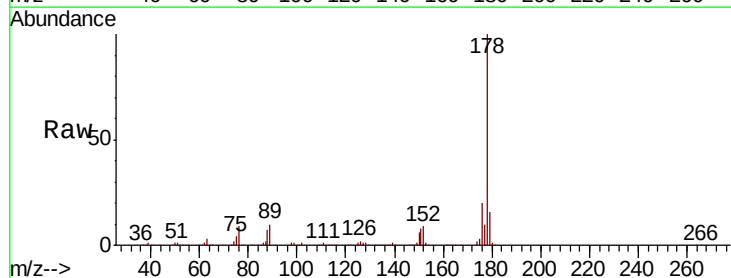
Instrument :
BNA_F
ClientSampleId :
PB121939BS

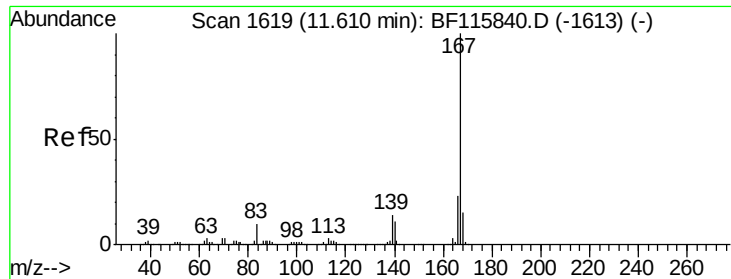
Tot Ion:178 Resp: 1231610
Ion Ratio Lower Upper
178 100
176 21.0 16.5 24.7
179 16.2 12.6 18.8



#72
Anthracene
Concen: 42.143 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:178 Resp: 1259778
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.0 12.4 18.6

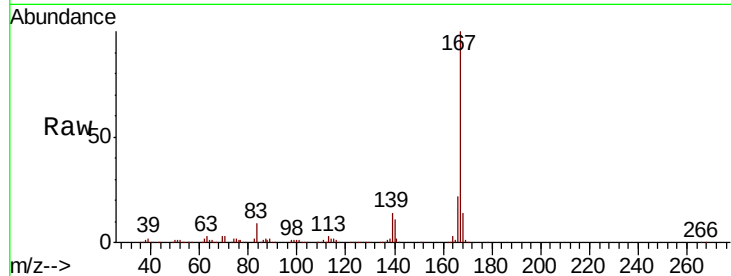




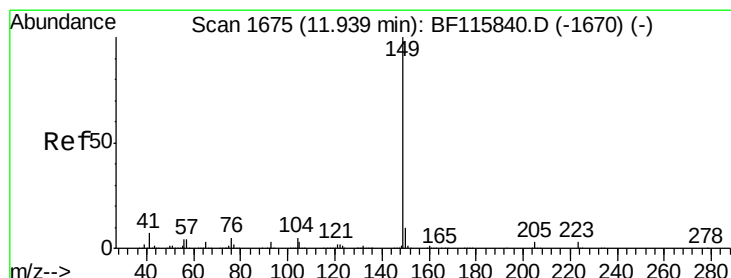
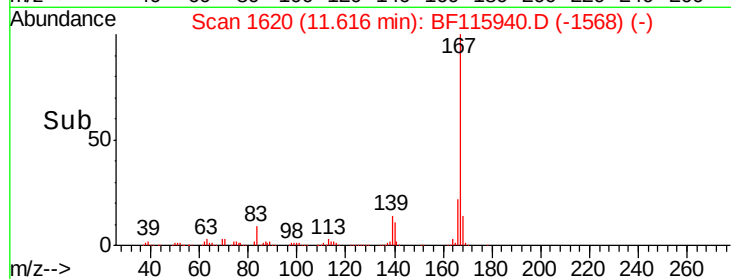
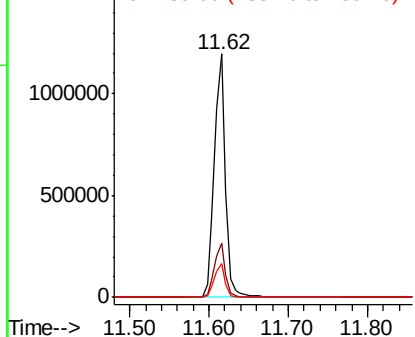
#73
 Carbazole
 Concen: 42.965 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB121939BS

Tot Ion:167 Resp: 1165201
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.0 27.0
 139 13.9 11.4 17.2

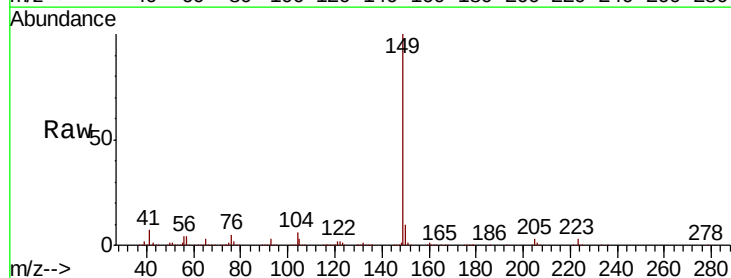


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

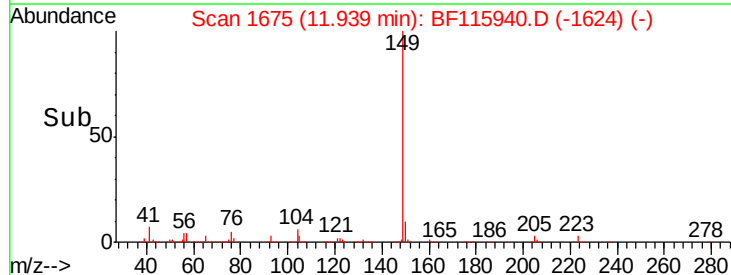
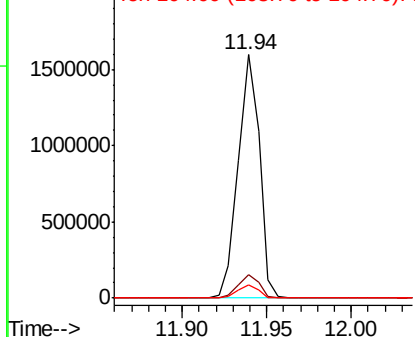


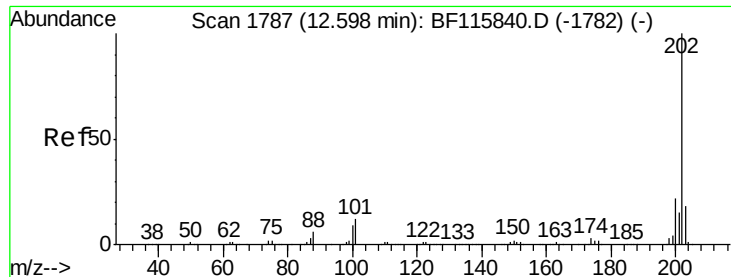
#74
 Di-n-butylphthalate
 Concen: 44.246 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Tgt Ion:149 Resp: 1399783
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.5 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

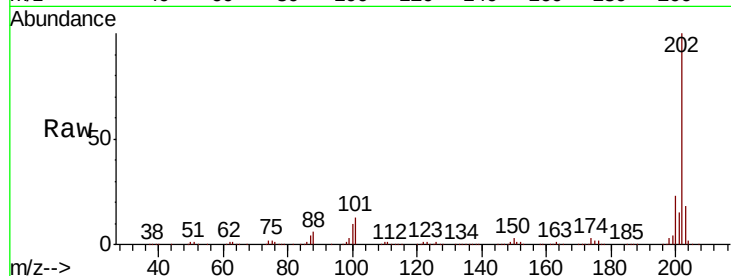




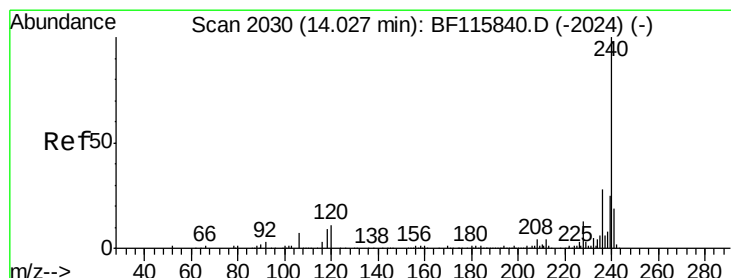
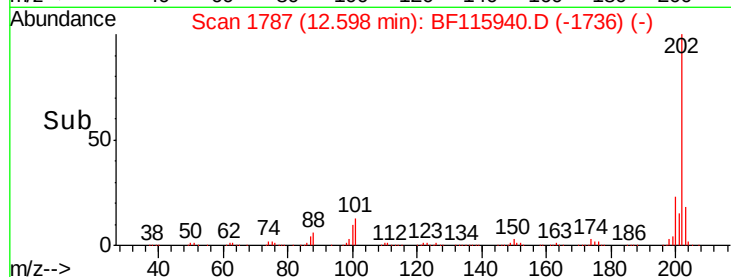
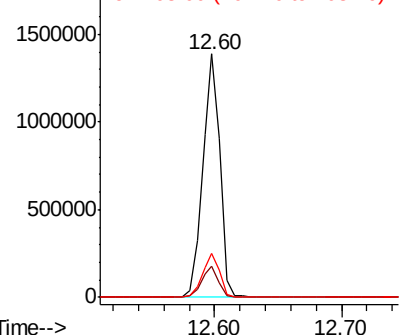
#75
Fluoranthene
Concen: 42.566 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB121939BS

Tot Ion:202 Resp: 1316232
Ion Ratio Lower Upper
202 100
101 13.0 0.0 31.5
203 18.2 0.0 37.9

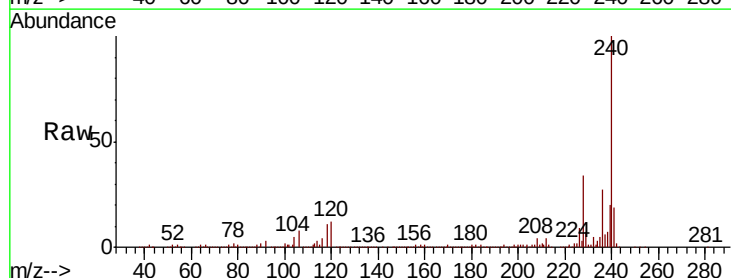


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

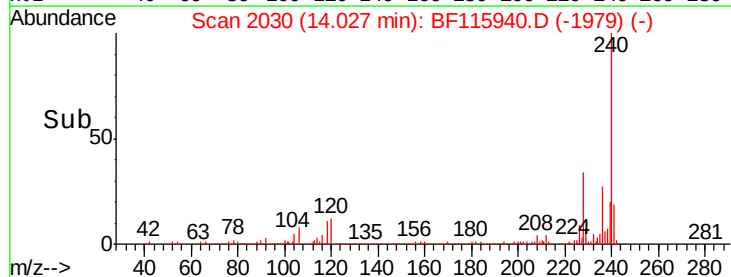
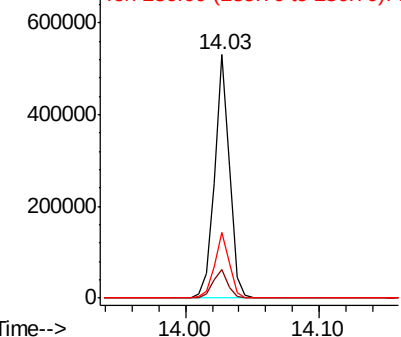


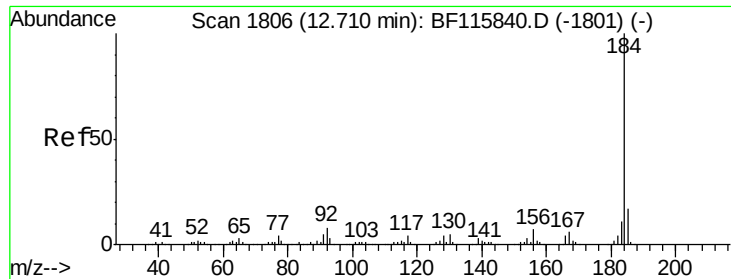
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:240 Resp: 421272
Ion Ratio Lower Upper
240 100
120 11.9 8.5 12.7
236 27.0 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.081 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

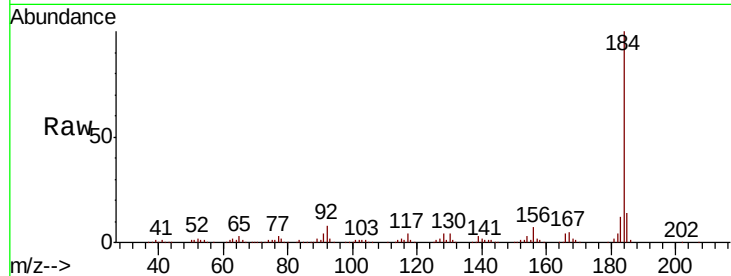
Tot Ion:184 Resp: 371190

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.2

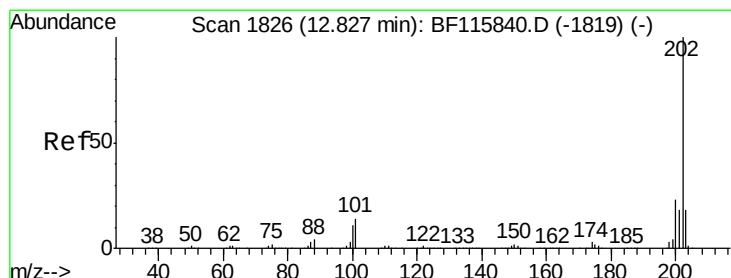
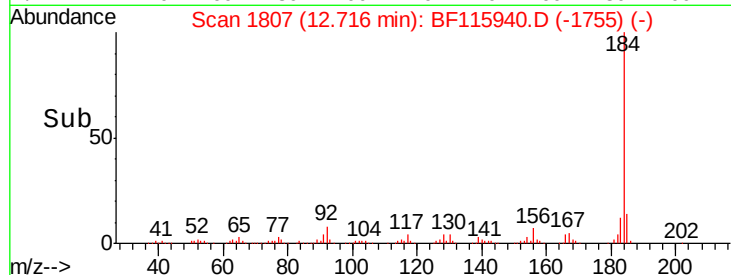
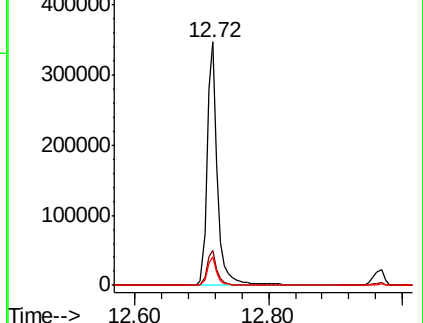
183 11.5 9.1 13.7



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: 41.712 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

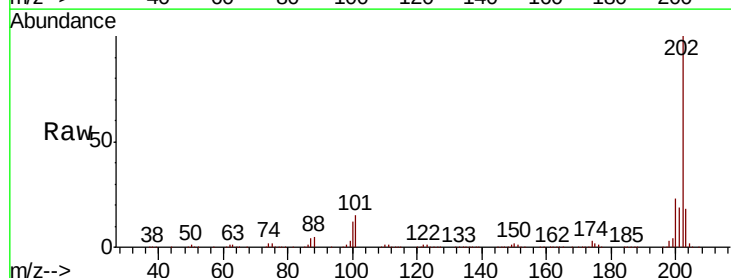
Tgt Ion:202 Resp: 1324606

Ion Ratio Lower Upper

202 100

200 23.0 18.2 27.2

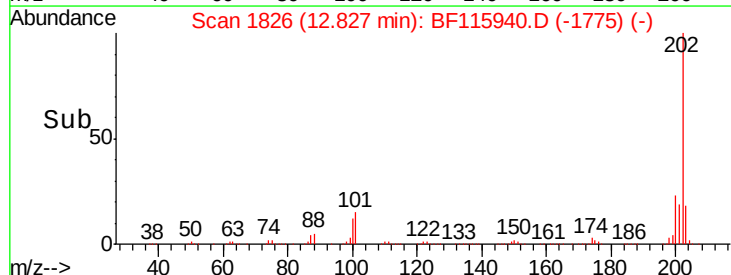
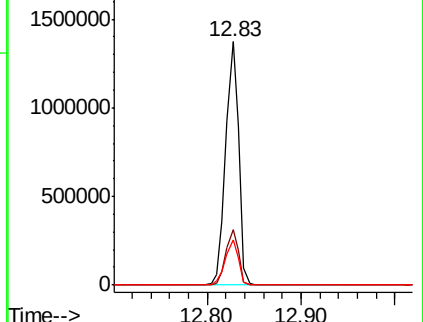
203 18.5 14.3 21.5

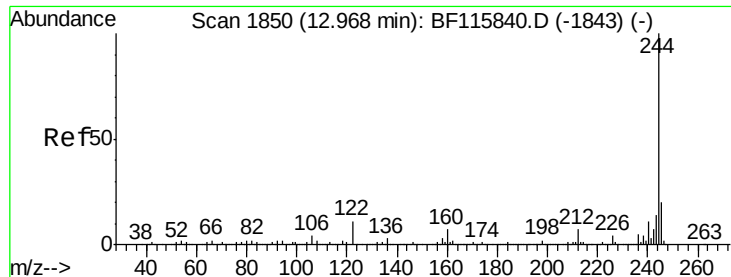


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

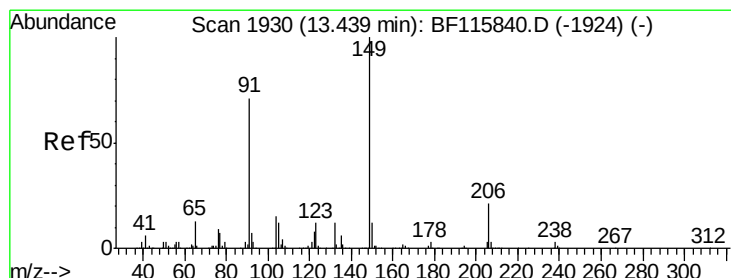
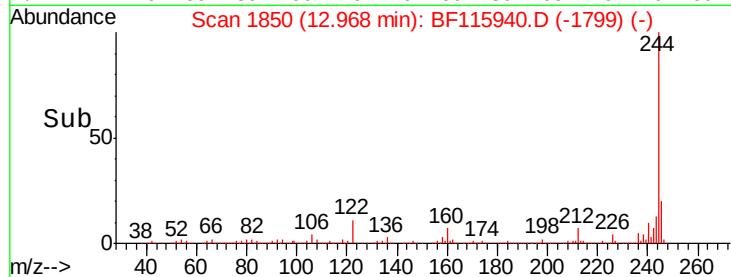
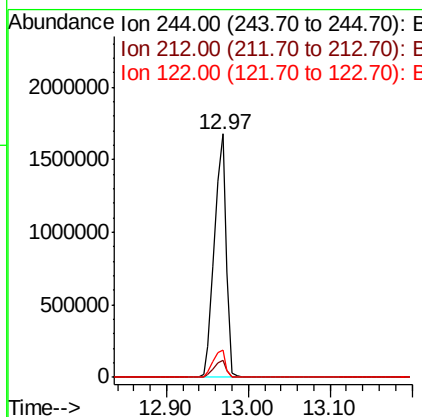
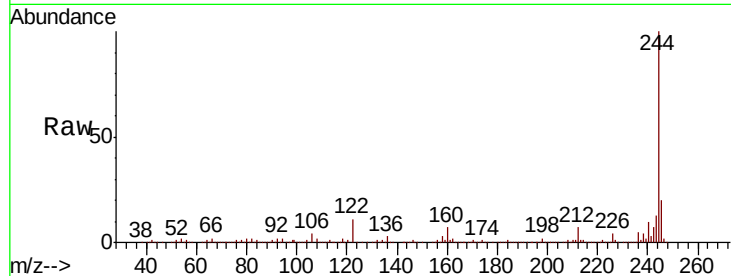




#79
 Terphenyl-d14
 Concen: 85.299 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

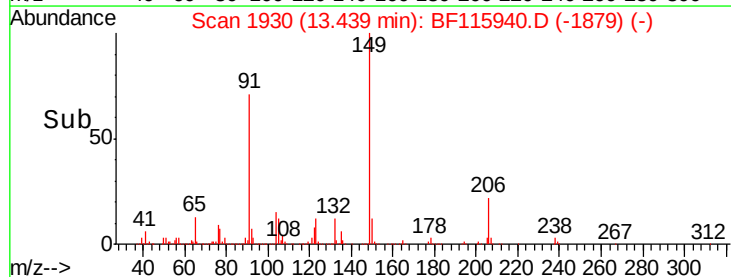
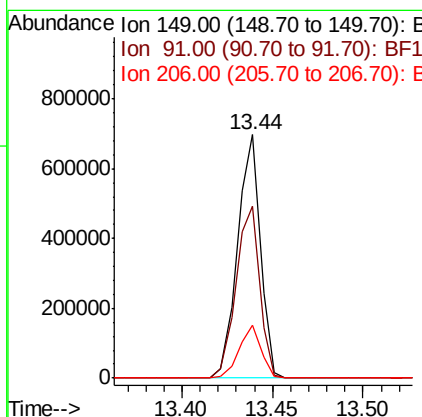
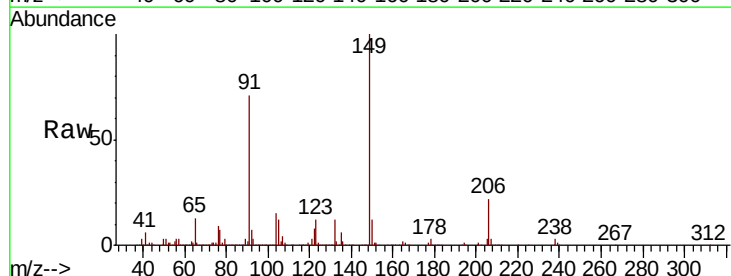
Instrument :
 BNA_F
 ClientSampleId :
 PB121939BS

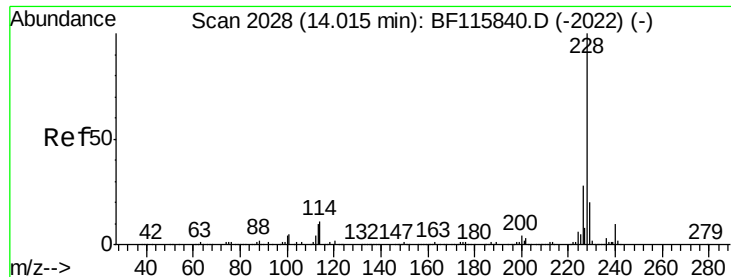
Tot Ion:244 Resp: 1705321
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.2 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 45.452 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF115940.D
 Acq: 2 Aug 2019 12:13

Tgt Ion:149 Resp: 610552
 Ion Ratio Lower Upper
 149 100
 91 70.8 57.0 85.6
 206 21.6 16.9 25.3





#81

Benzo(a)anthracene

Concen: 40.902 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

BNA_F

ClientSampleId :

PB121939BS

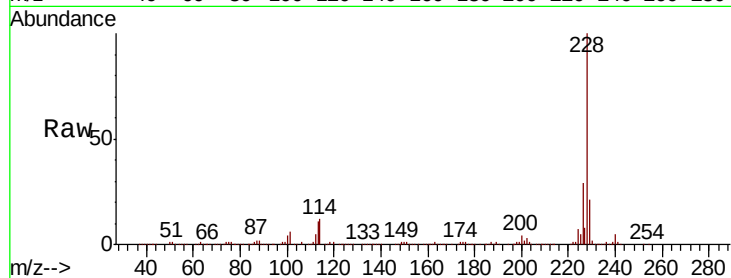
Tot Ion:228 Resp: 1101337

Ion Ratio Lower Upper

228 100

226 28.5 22.5 33.7

229 20.6 16.1 24.1

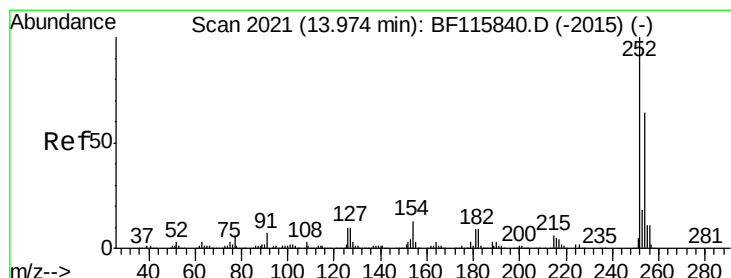
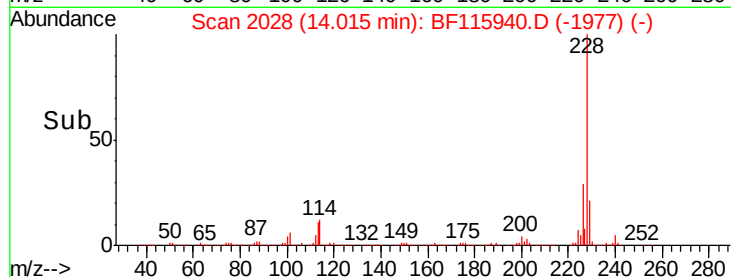
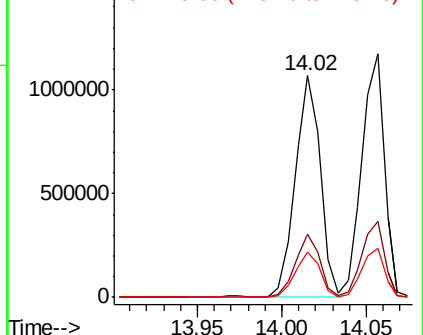


Abundance

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: 36.523 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

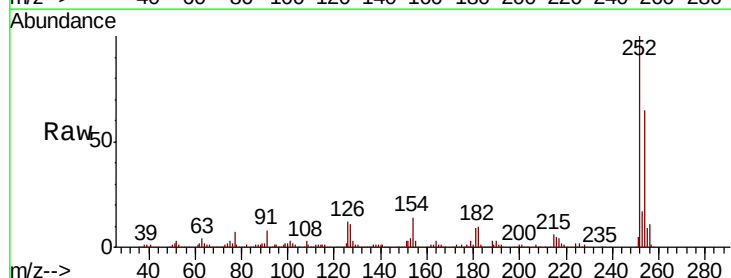
Tgt Ion:252 Resp: 341662

Ion Ratio Lower Upper

252 100

254 65.2 51.2 76.8

126 11.7 8.1 12.1

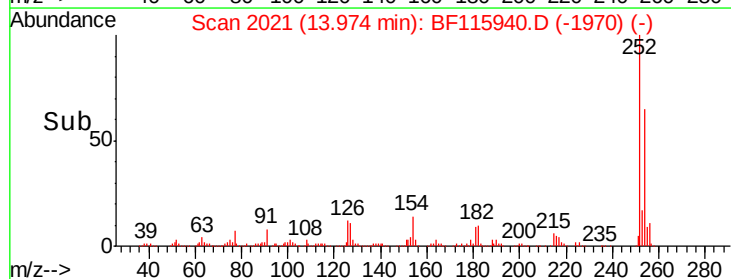
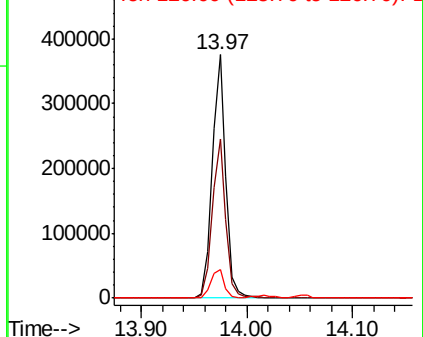


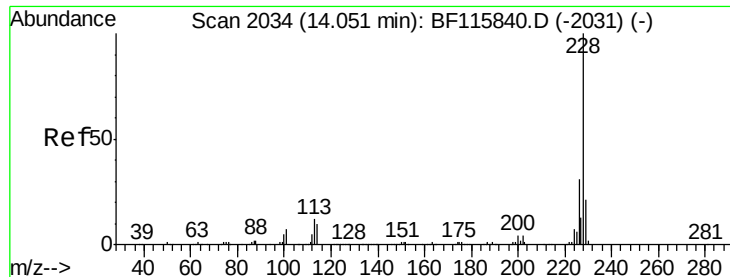
Abundance

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: 41.924 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Instrument :

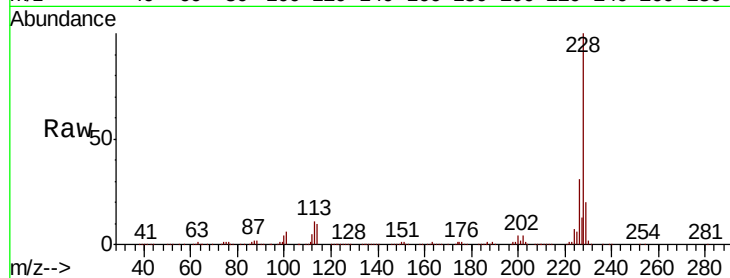
BNA_F

ClientSampleId :

PB121939BS

Tot Ion:228 Resp: 1095932

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.8	37.2
229	20.1	16.4	24.6

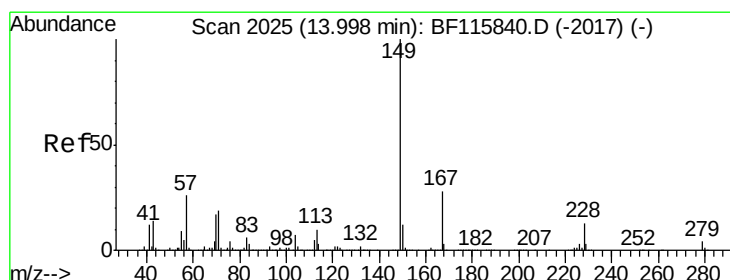
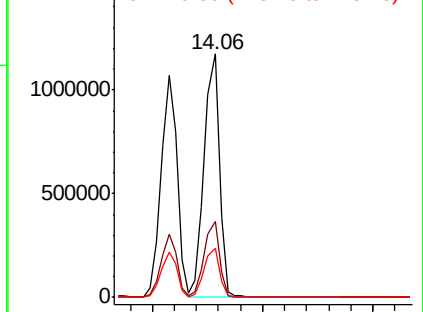
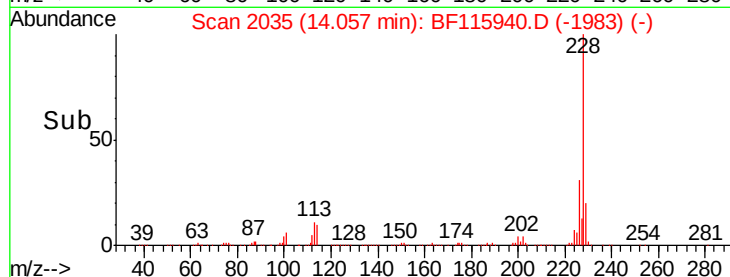


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.989 ng

RT: 14.00 min Scan# 2025

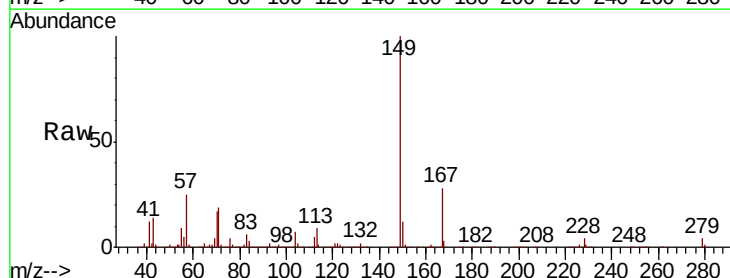
Delta R.T. 0.00 min

Lab File: BF115940.D

Acq: 2 Aug 2019 12:13

Tgt Ion:149 Resp: 820243

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	4.1	3.3	4.9

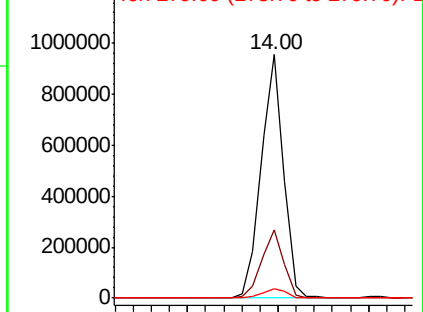
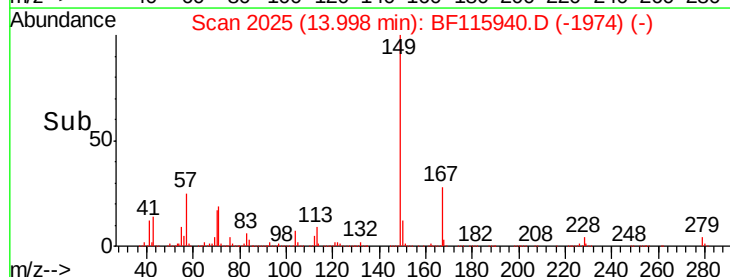


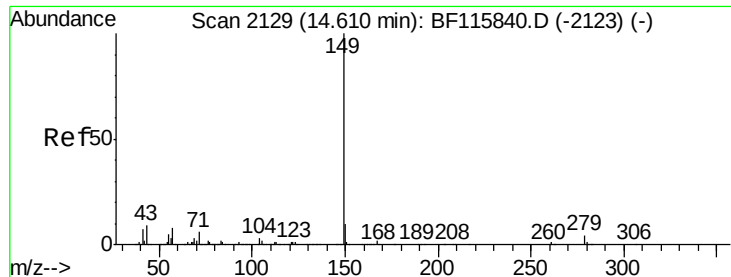
Abundance

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

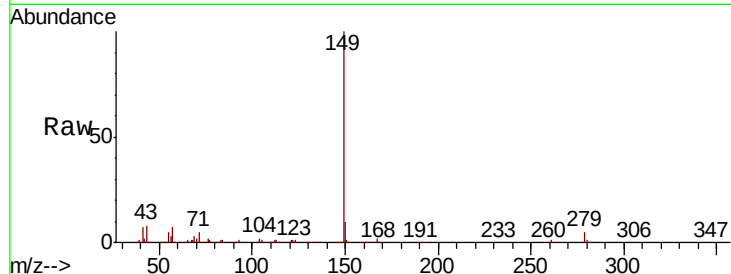




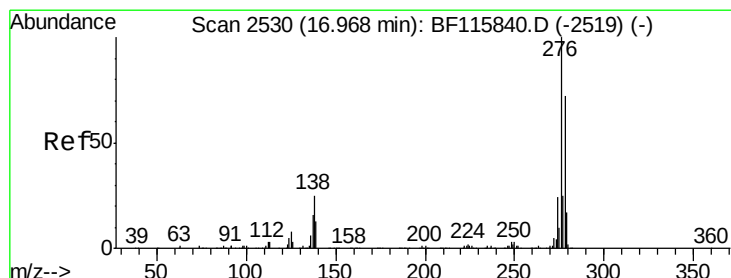
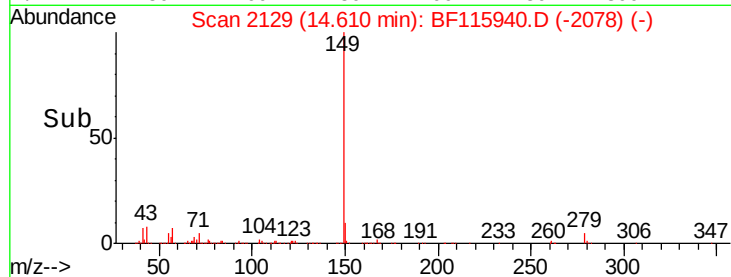
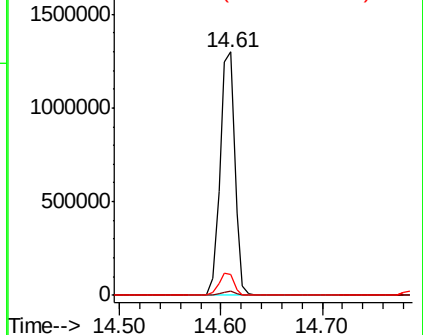
#85
Di-n-octyl phthalate
Concen: 47.382 ng
RT: 14.61 min Scan# 2129
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB121939BS

Tot Ion:149 Resp: 1313744
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 7.4 11.0

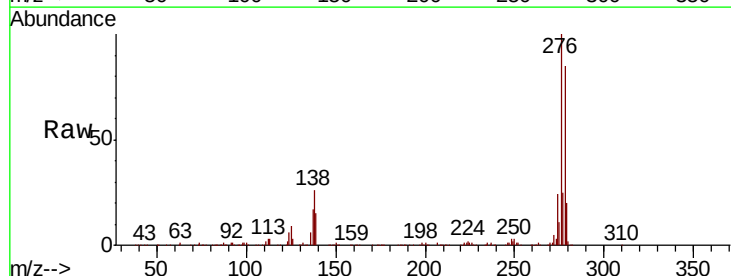


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

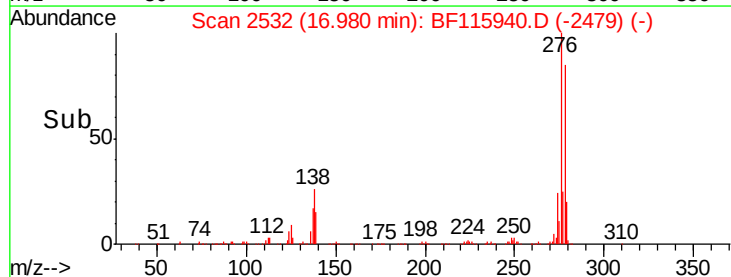
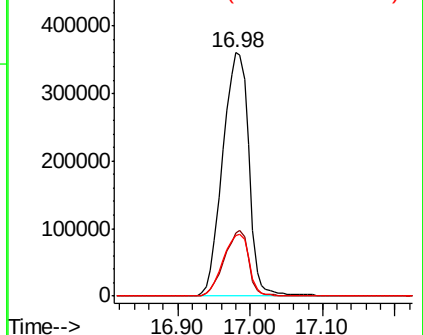


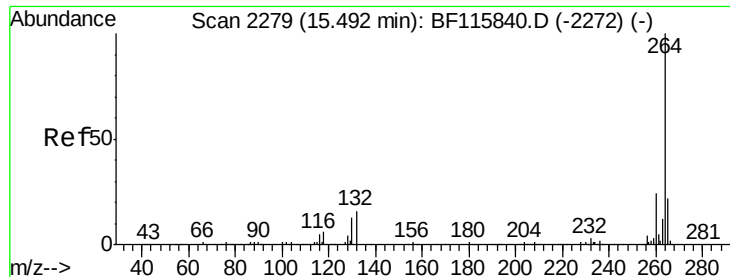
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.354 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:276 Resp: 907960
Ion Ratio Lower Upper
276 100
138 25.3 19.6 29.4
277 25.4 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



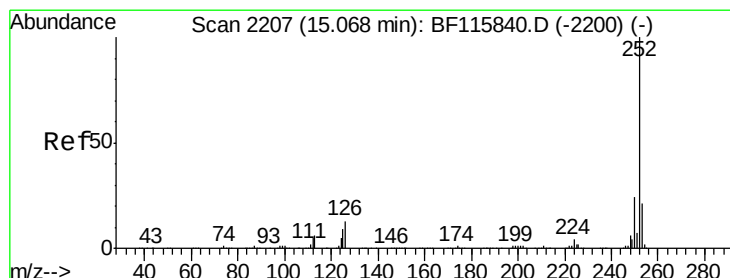
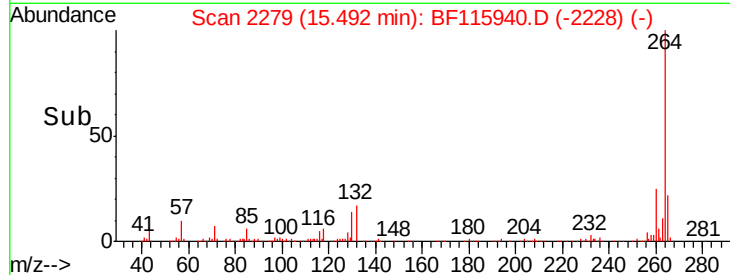
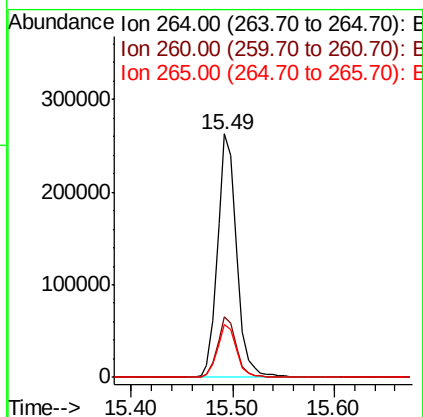
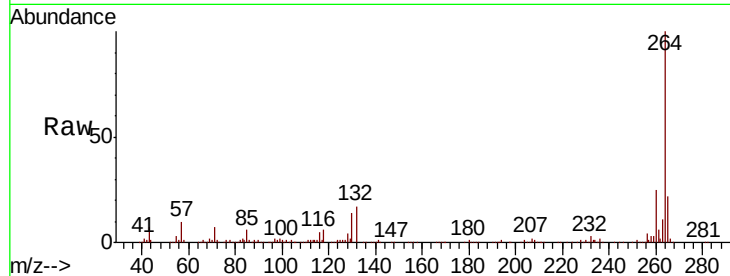


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB121939BS

Tot Ion:264 Resp: 342513

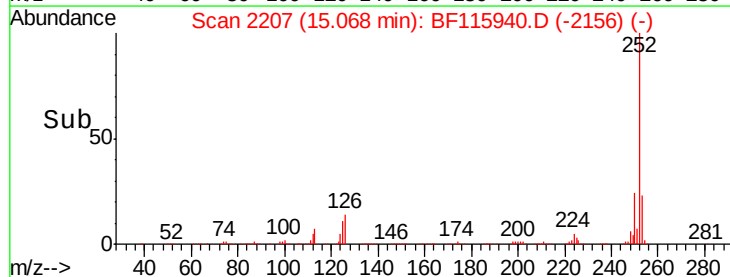
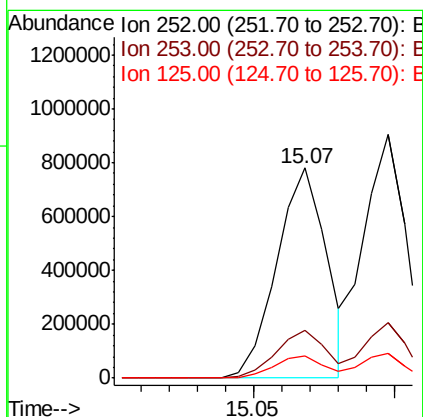
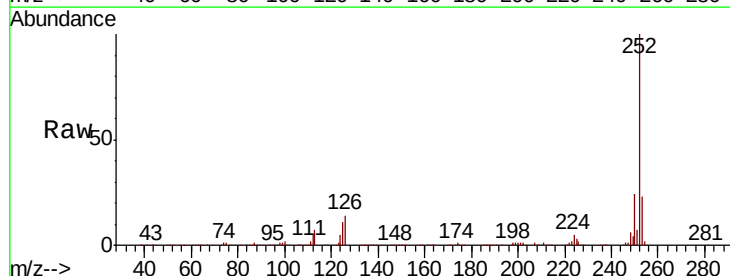
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.7	17.5	26.3

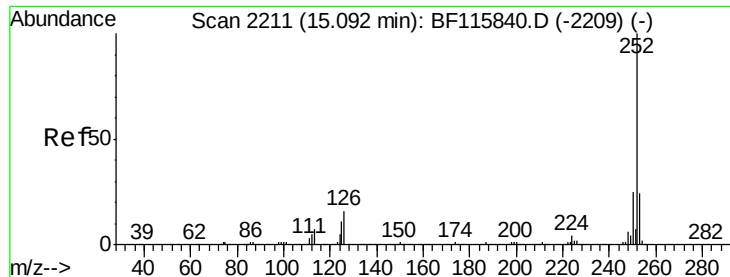


#88
Benzo(b)fluoranthene
Concen: 48.233 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:252 Resp: 955227

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.7	7.4	11.0

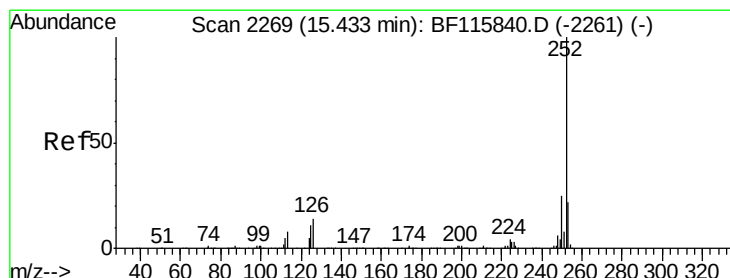
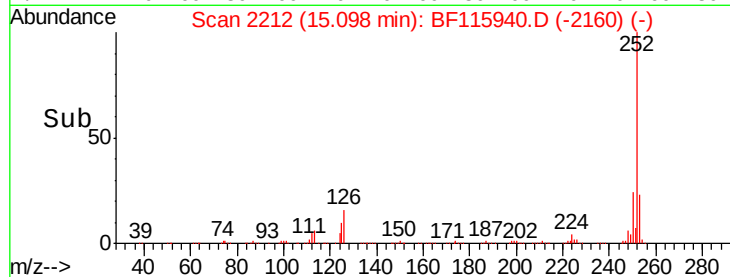
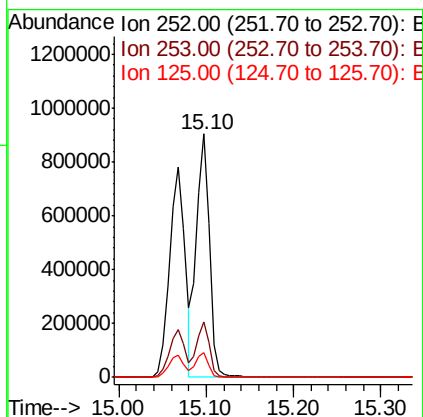
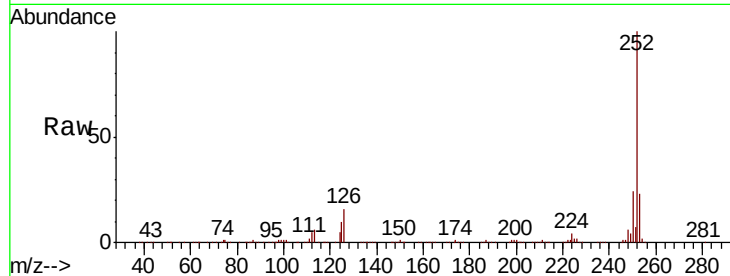




#89
Benzo(k)fluoranthene
Concen: 49.360 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

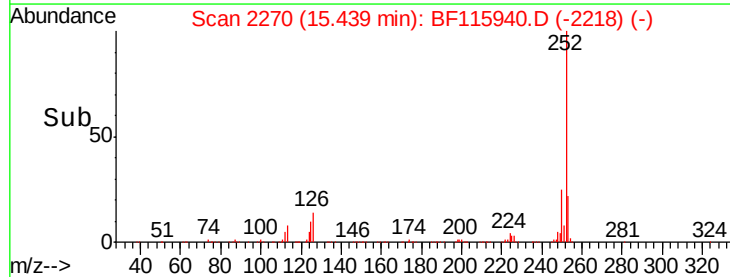
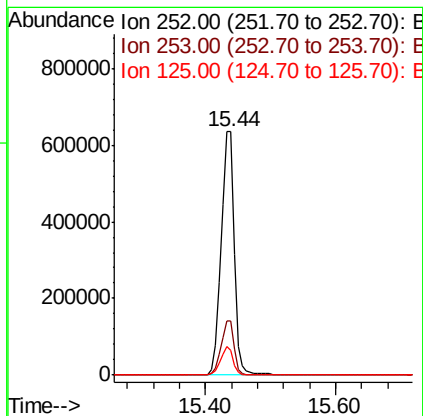
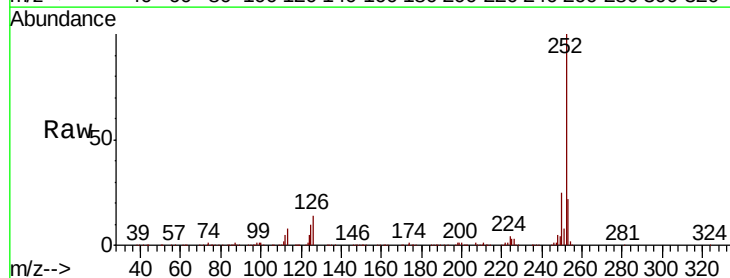
Instrument :
BNA_F
ClientSampleId :
PB121939BS

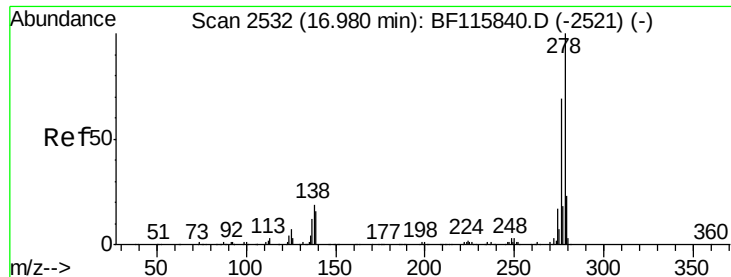
Tot Ion:252 Resp: 952144
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 10.3 8.9 13.3



#90
Benzo(a)pyrene
Concen: 50.330 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion:252 Resp: 891037
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 10.3 8.8 13.2

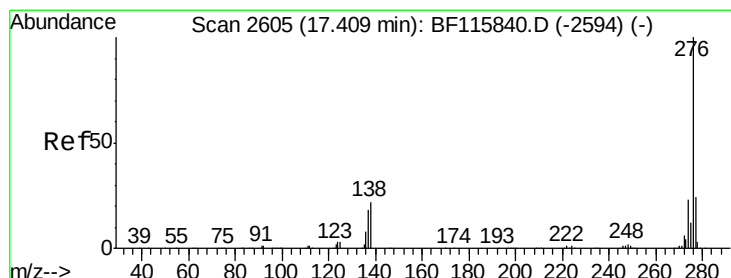
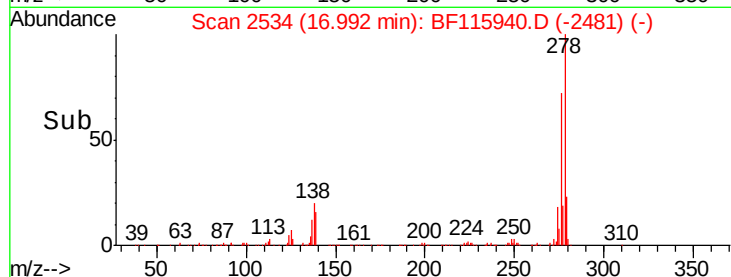
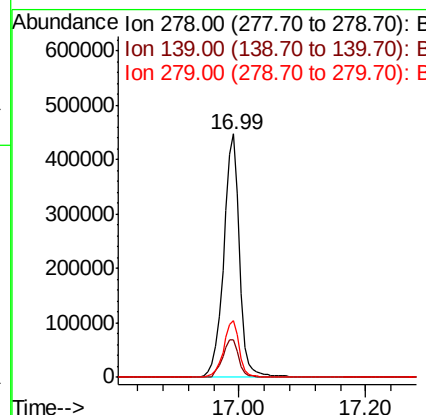
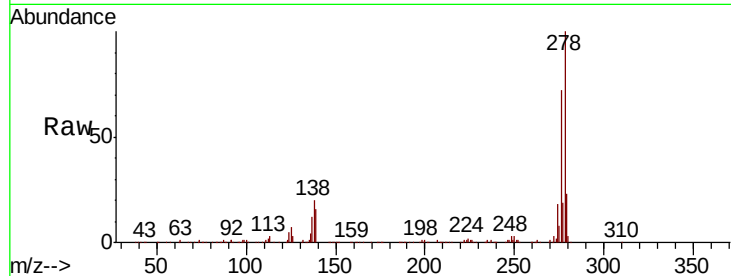




#91
Dibenzo(a,h)anthracene
Concen: 50.910 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Instrument :
BNA_F
ClientSampleId :
PB121939BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	12.6	19.0
279	23.2	18.8	28.2



#92
Benzo(g,h,i)perylene
Concen: 50.495 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115940.D
Acq: 2 Aug 2019 12:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	21.1	17.8	26.8

