

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111933.D
 Acq On : 9 Jan 2019 4:02
 Operator : JU/SJ
 Sample : K1053-01DL 10X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 09 05:23:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	117057	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	313077	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	159356	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	364032	20.00	ng	0.00
76) Chrysene-d12	14.06	240	197799	20.00	ng	0.00
87) Perylene-d12	15.54	264	154033	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	38526	5.63	ng	0.00
7) Phenol-d6	6.52	99	24347	2.76	ng	-0.01
23) Nitrobenzene-d5	7.44	82	43435	7.41	ng	-0.02
42) 2,4,6-Tribromophenol	10.72	330	26618	12.84	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	94701	8.67	ng	0.00
79) Terphenyl-d14	12.99	244	116463	11.18	ng	0.00

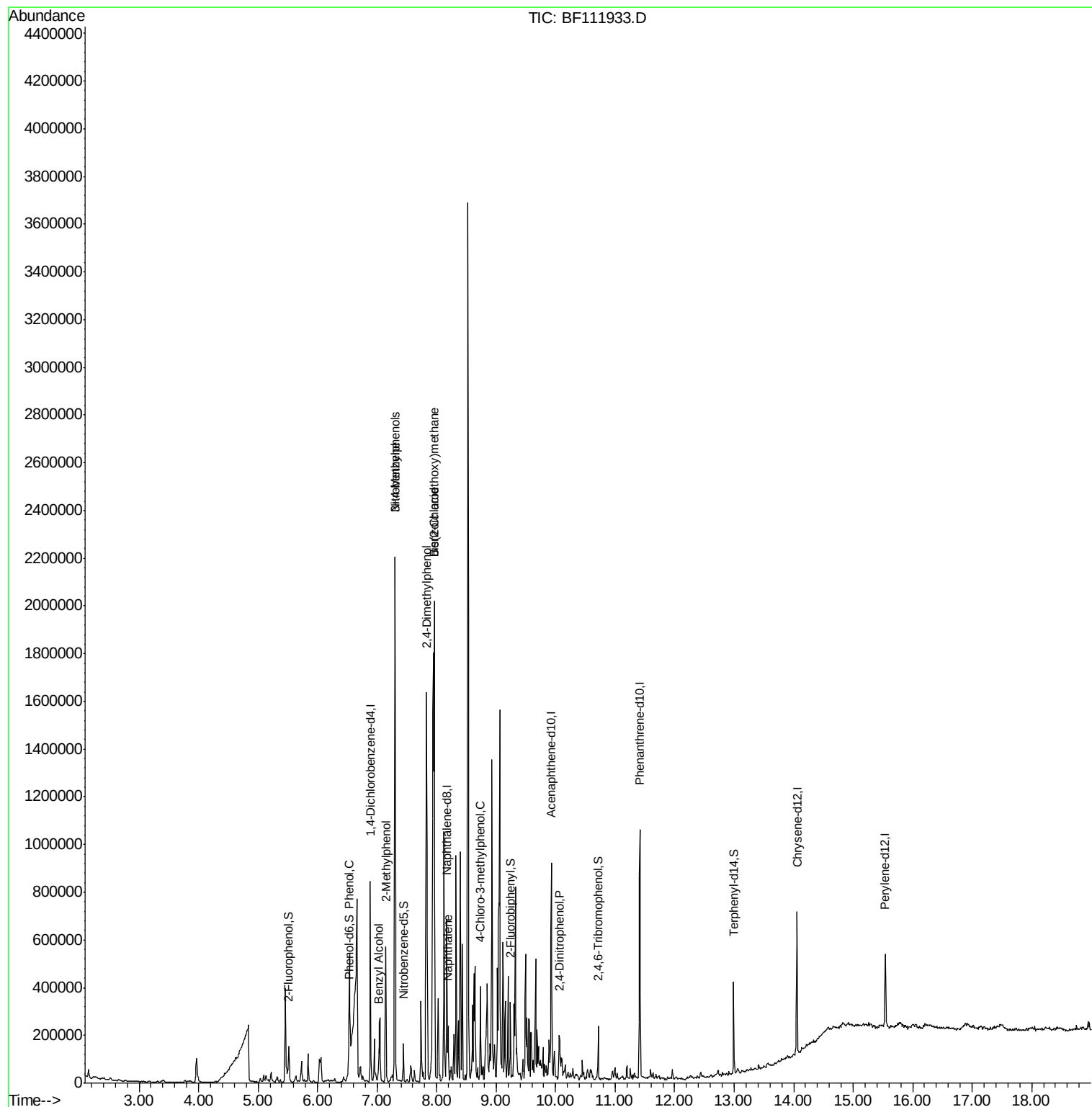
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.43	77	3053	Below Cal		95
10) Phenol	6.54	94	131760	13.747	ng	# 71
15) Benzyl Alcohol	7.03	79	29528	4.232	ng	99
17) 2-Methylphenol	7.15	107	83182	13.622	ng	95
20) 3+4-Methylphenols	7.30	107	528876	69.593	ng	# 66
24) Nitrobenzene	7.30	77	191373	32.295	ng	# 43
27) 2,4-Dimethylphenol	7.83	122	394969	93.624	ng	100
28) bis(2-Chloroethoxy)methane	7.96	93	29871	4.718	ng	# 1
31) Naphthalene	8.19	128	82070	5.522	ng	100
32) Benzoic acid	7.96	122	642893	234.831	ng	# 11
36) 4-Chloro-3-methylphenol	8.74	107	30233	6.268	ng	# 19
54) 2,4-Dinitrophenol	10.07	184	5530	4.879	ng	# 62

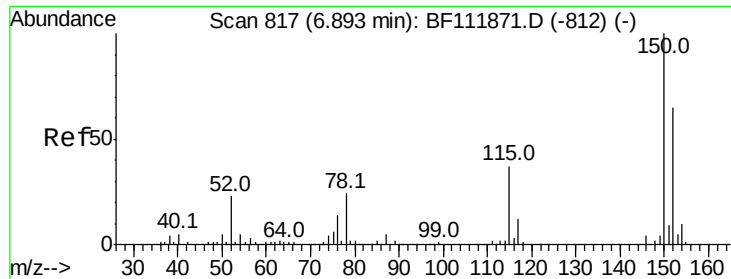
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
Data File : BF111933.D
Acq On : 9 Jan 2019 4:02
Operator : JU/SJ
Sample : K1053-01DL 10X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 09 05:23:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



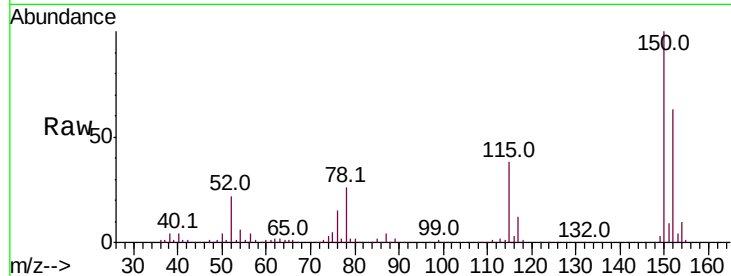


#1

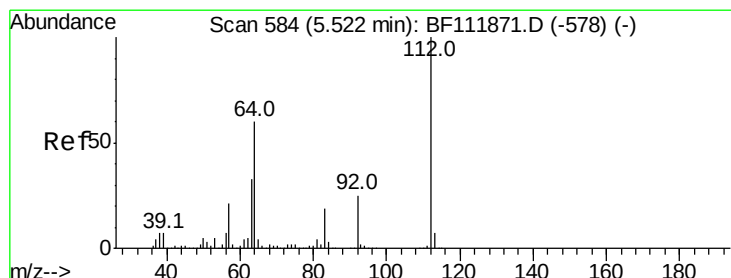
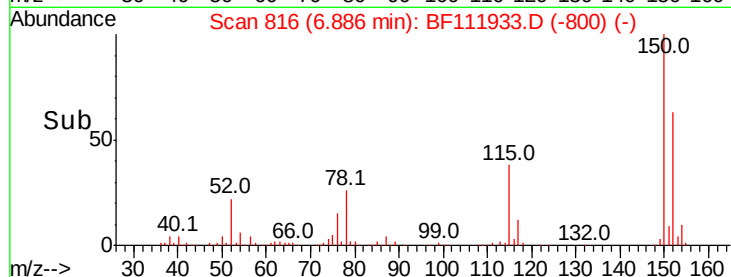
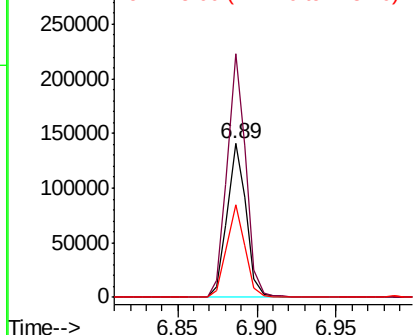
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111933.D
Acq: 9 Jan 2019 4:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117057
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 60.4 45.2 67.8



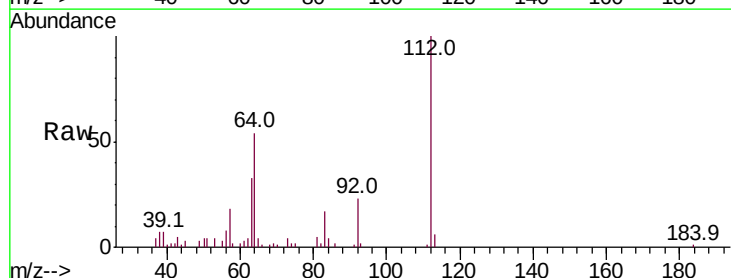
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



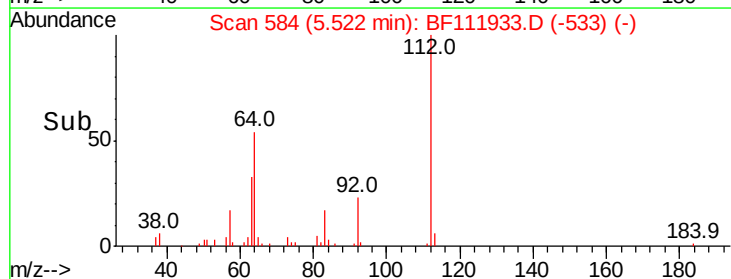
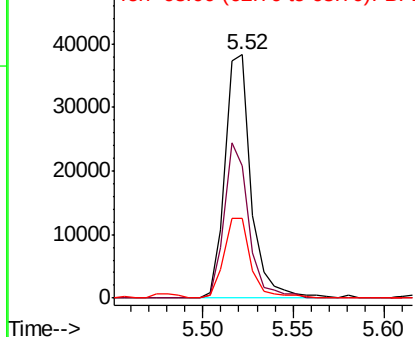
#5

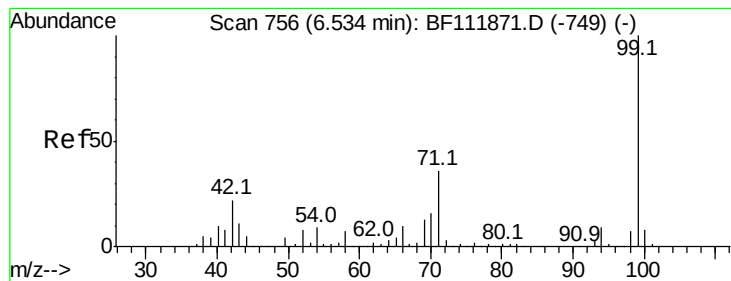
2-Fluorophenol
Concen: 5.631 ng
RT: 5.52 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF111933.D
Acq: 9 Jan 2019 4:02

Tgt Ion:112 Resp: 38526
Ion Ratio Lower Upper
112 100
64 54.1 48.3 72.5
63 32.7 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 2.761 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111933.D

Acq: 9 Jan 2019 4:02

Instrument :

BNA_F

ClientSampled :

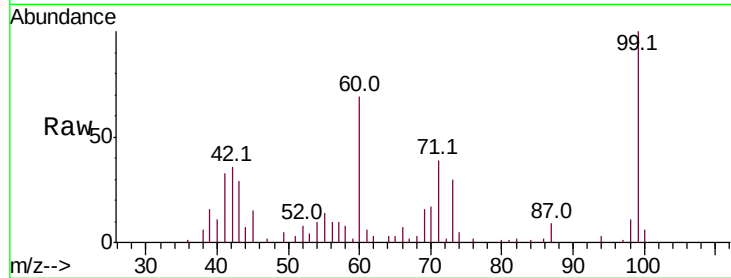
Tot Ion: 99 Resp: 24347

Ion Ratio Lower Upper

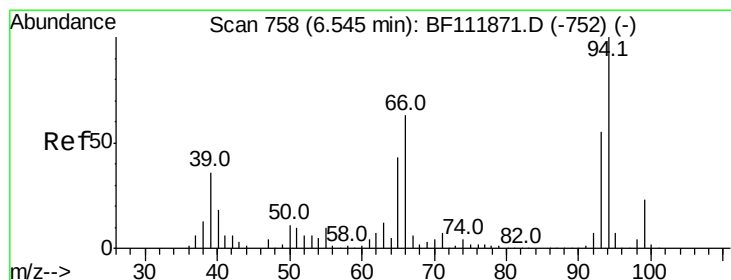
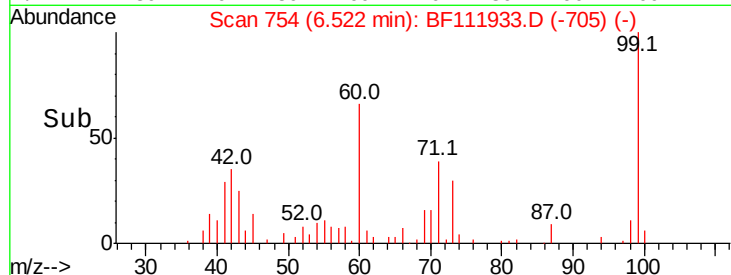
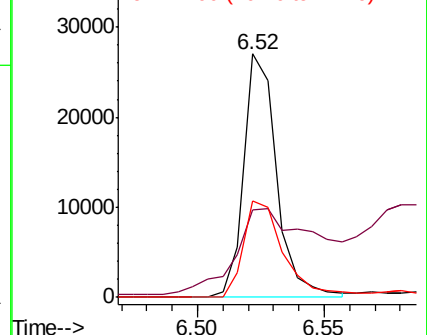
99 100

42 36.0 17.9 26.9#

71 39.5 28.7 43.1



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



#10

Phenol

Concen: 13.747 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111933.D

Acq: 9 Jan 2019 4:02

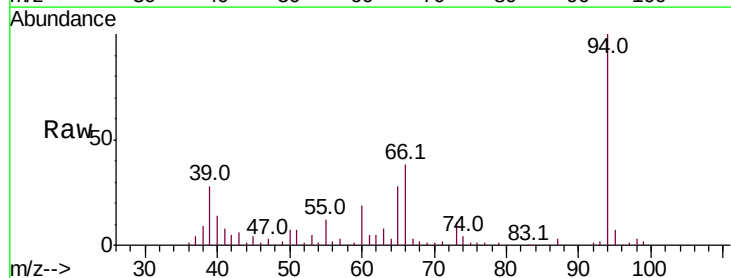
Tgt Ion: 94 Resp: 131760

Ion Ratio Lower Upper

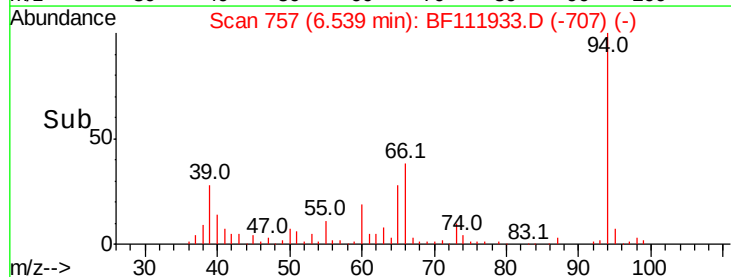
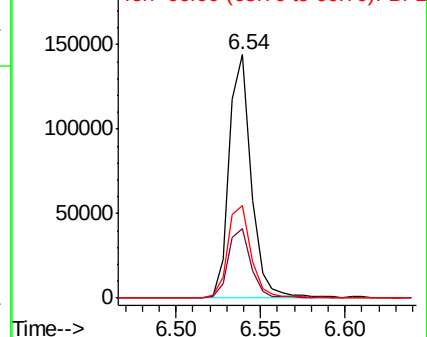
94 100

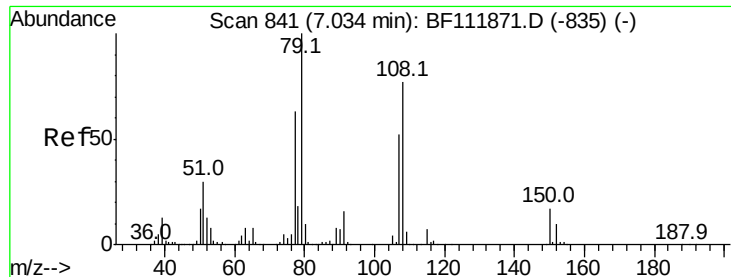
65 28.4 22.8 62.8

66 38.0 43.3 83.3#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 4.232 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF111933.D

Acq: 9 Jan 2019 4:02

Instrument :

BNA_F

ClientSampleId :

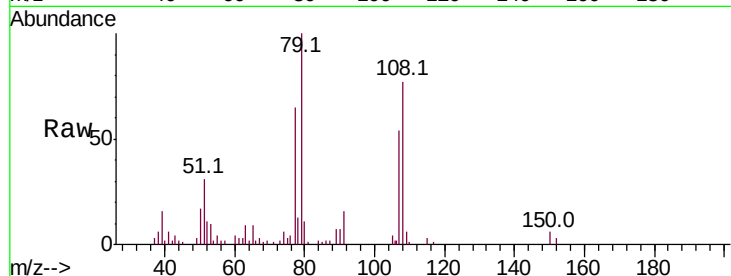
Tot Ion: 79 Resp: 29528

Ion Ratio Lower Upper

79 100

108 76.7 61.4 92.0

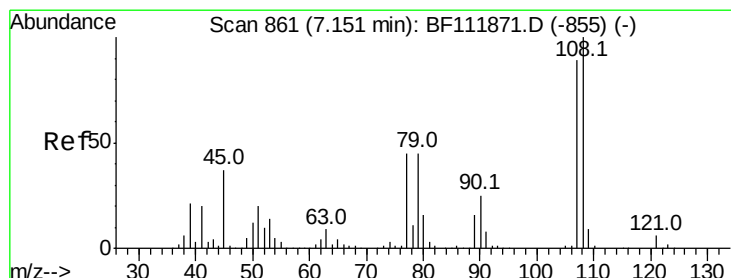
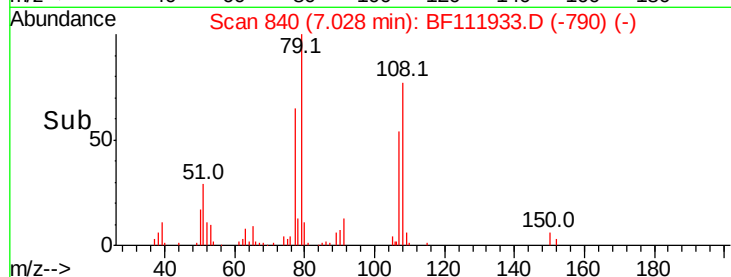
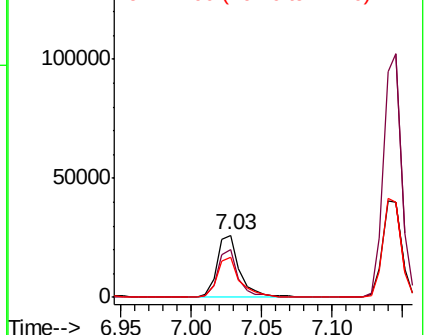
77 65.0 50.4 75.6



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#17

2-Methylphenol

Concen: 13.622 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF111933.D

Acq: 9 Jan 2019 4:02

Tgt Ion: 107 Resp: 83182

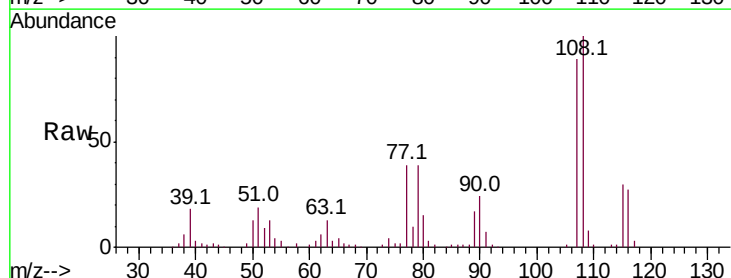
Ion Ratio Lower Upper

107 100

108 112.6 89.7 134.5

77 44.2 40.6 60.8

79 43.9 40.2 60.2

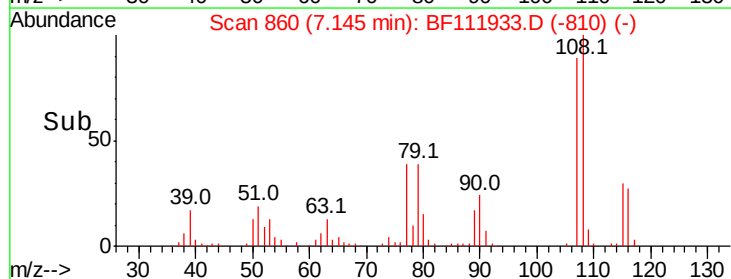
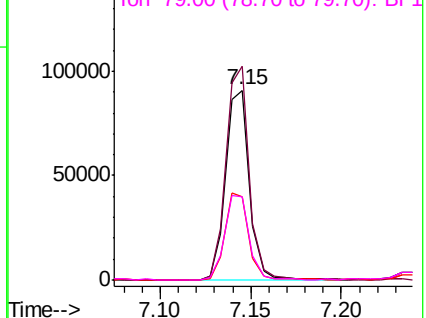


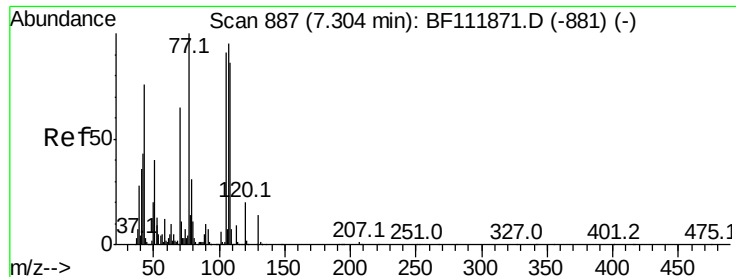
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

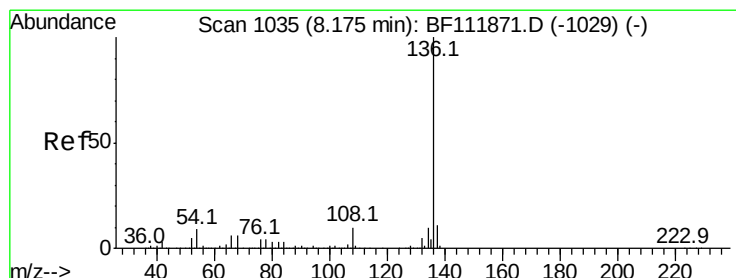
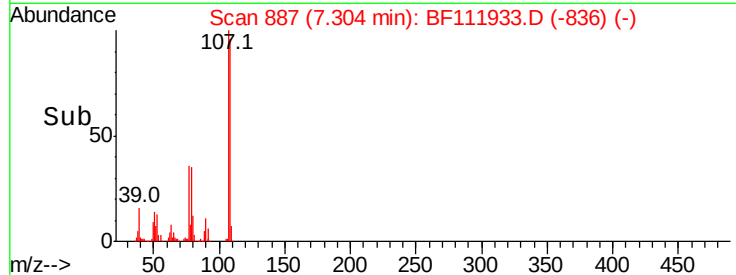
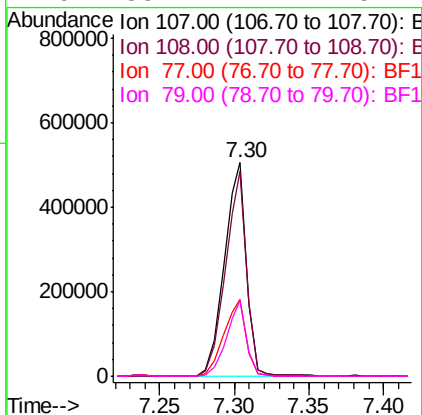
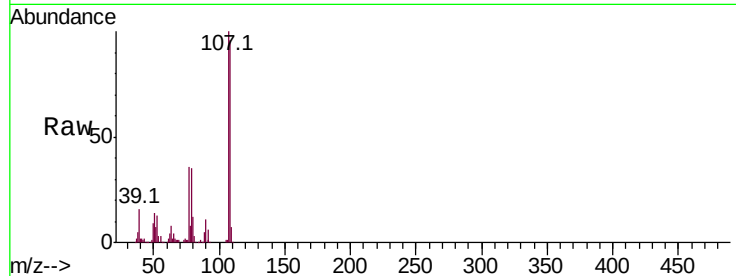




#20
3+4-Methylphenols
Concen: 69.593 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF111933.D
Acq: 9 Jan 2019 4:02

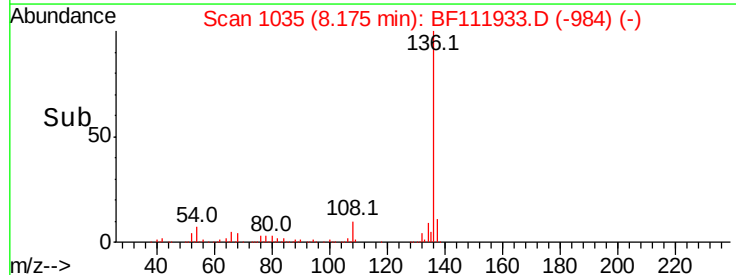
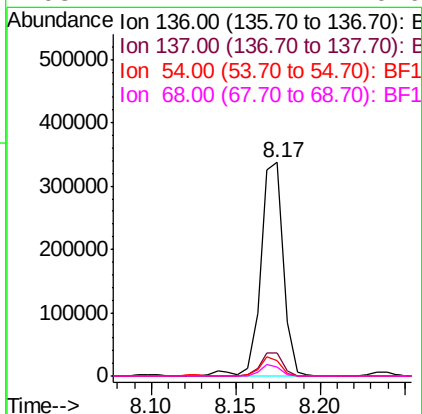
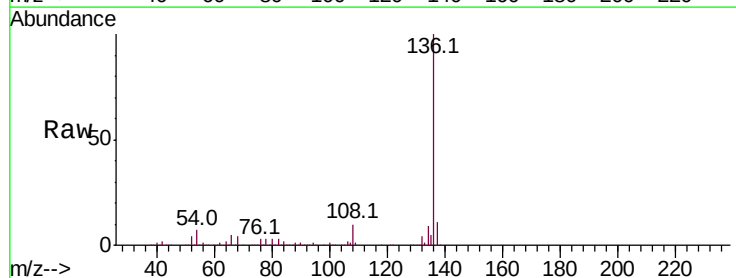
Instrument :
BNA_F
ClientSampleId :

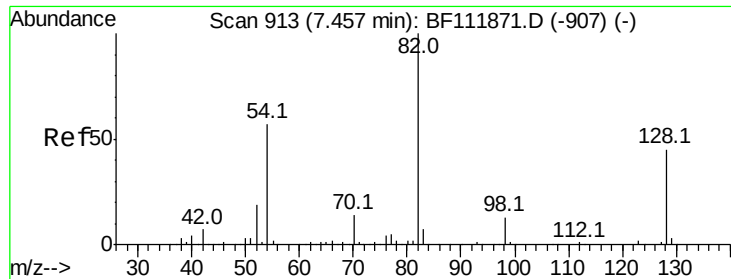
Tot Ion:	107	Resp:	528876
Ion	Ratio	Lower	Upper
107	100		
108	95.7	71.1	111.1
77	36.1	85.4	125.4#
79	35.1	12.4	52.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF111933.D
Acq: 9 Jan 2019 4:02

Tgt Ion:	136	Resp:	313077
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	7.3	7.2	10.8
68	4.2	4.4	6.6#





#23

Nitrobenzene-d5

Concen: 7.415 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF111933.D

Acq: 9 Jan 2019 4:02

Instrument :

BNA_F

ClientSampled :

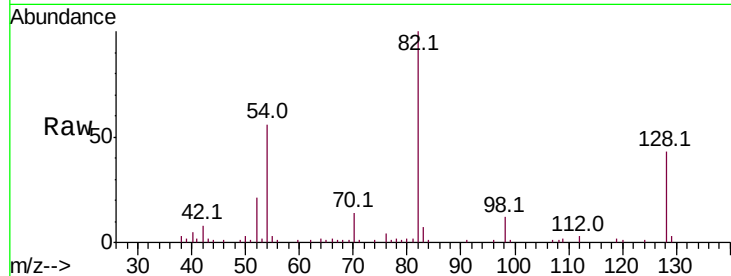
Tot Ion: 82 Resp: 43435

Ion Ratio Lower Upper

82 100

128 43.0 35.7 53.5

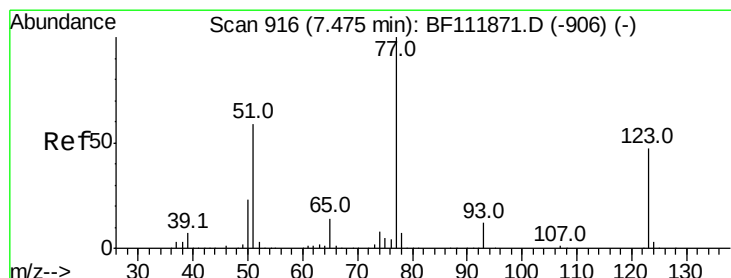
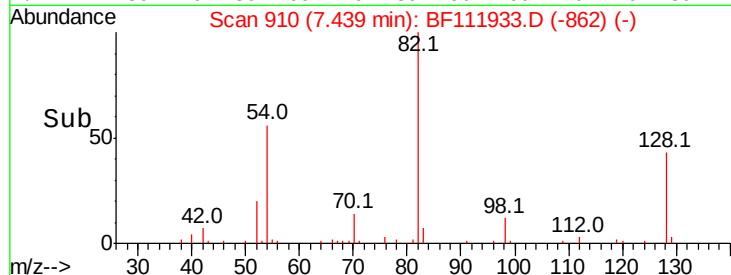
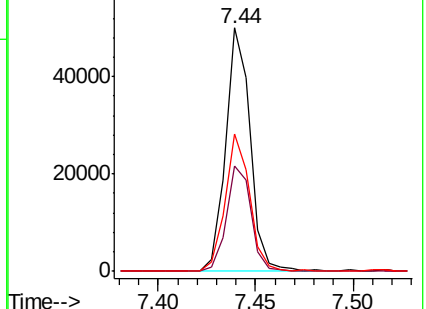
54 56.3 45.8 68.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 32.295 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.17 min

Lab File: BF111933.D

Acq: 9 Jan 2019 4:02

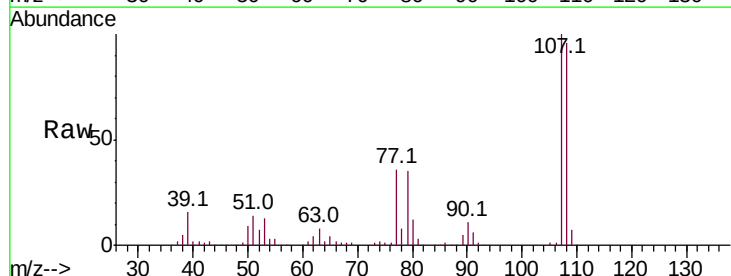
Tgt Ion: 77 Resp: 191373

Ion Ratio Lower Upper

77 100

123 0.0 38.1 57.1#

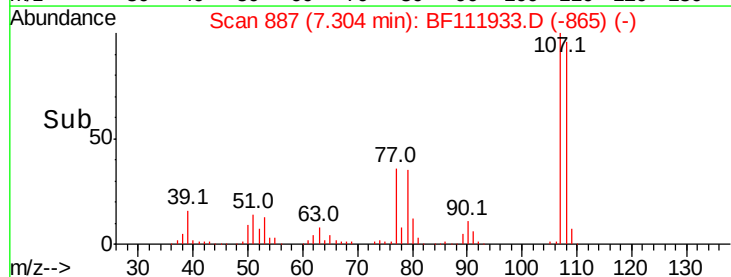
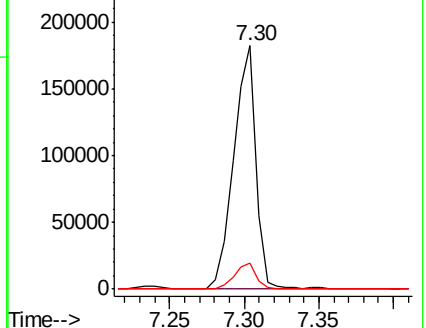
65 10.4 11.0 16.4#

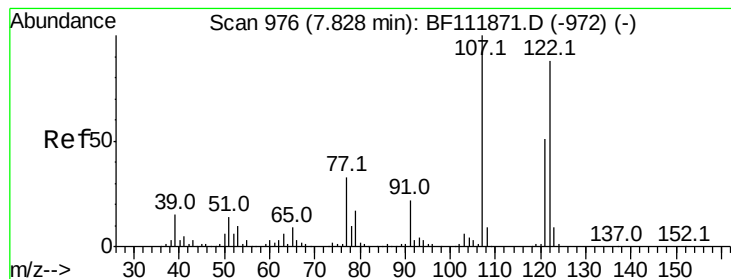


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 93.624 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF111933.D

Acq: 9 Jan 2019 4:02

Instrument :

BNA_F

ClientSampled :

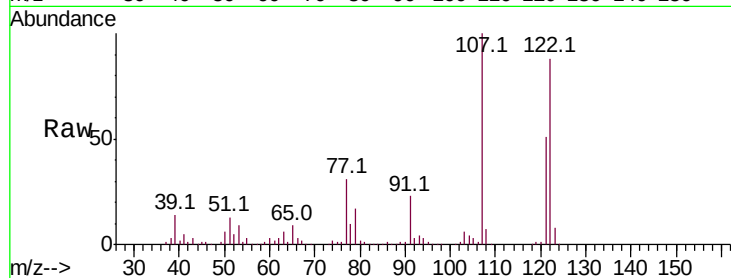
Tot Ion:122 Resp: 394969

Ion Ratio Lower Upper

122 100

107 113.8 91.0 136.6

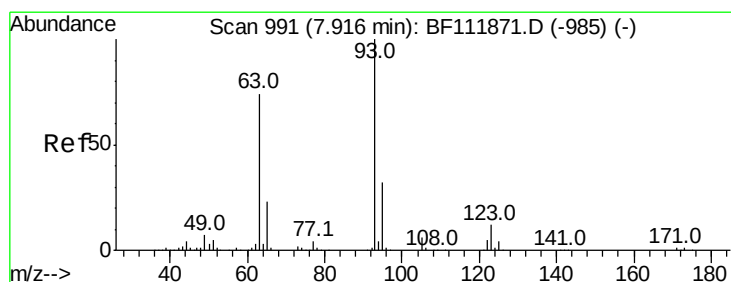
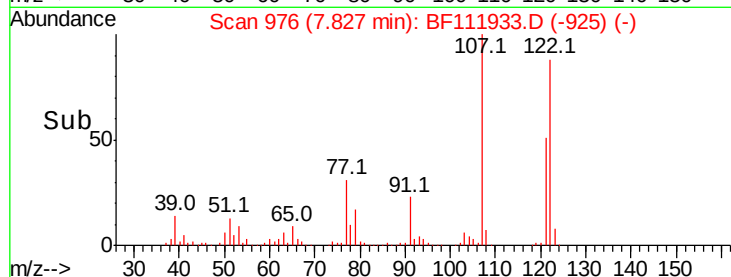
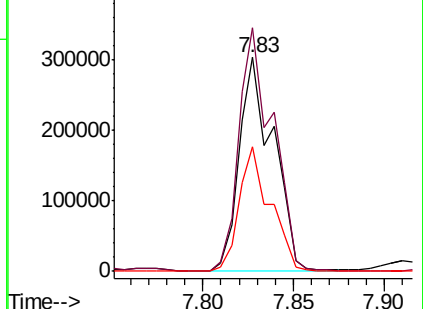
121 58.0 46.8 70.2



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: 4.718 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.05 min

Lab File: BF111933.D

Acq: 9 Jan 2019 4:02

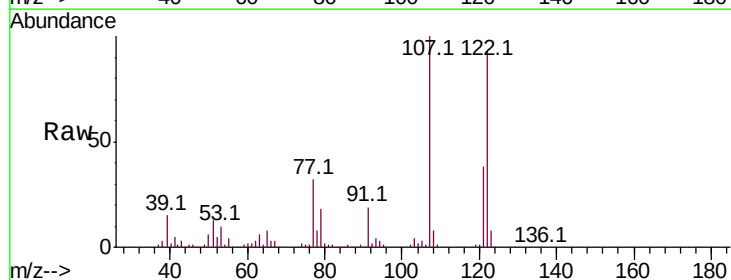
Tgt Ion: 93 Resp: 29871

Ion Ratio Lower Upper

93 100

95 18.2 25.8 38.6#

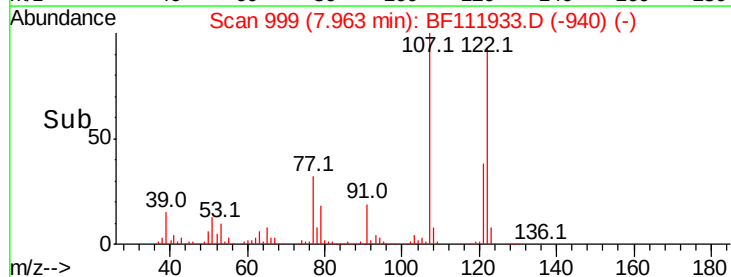
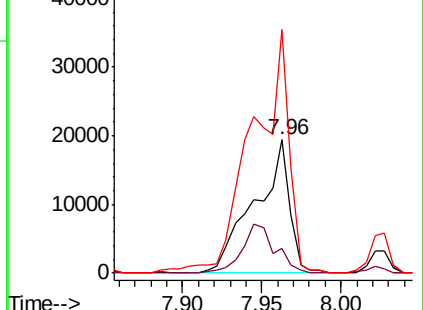
123 183.0 9.5 14.3#

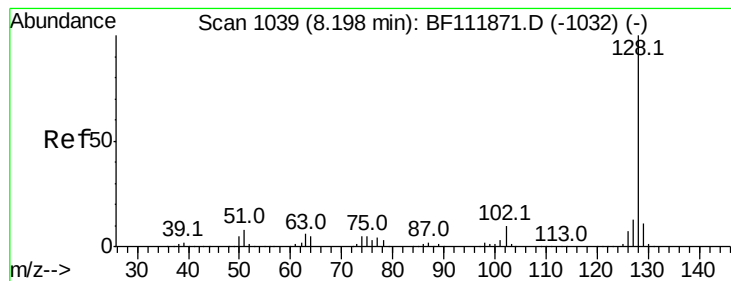


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#31

Naphthalene

Concen: 5.522 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF111933.D

Acq: 9 Jan 2019 4:02

Instrument :

BNA_F

ClientSampled :

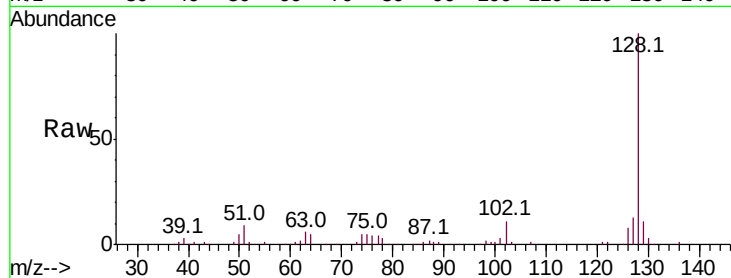
Tot Ion:128 Resp: 82070

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.4

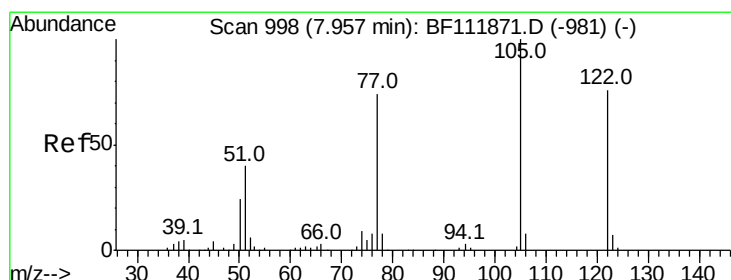
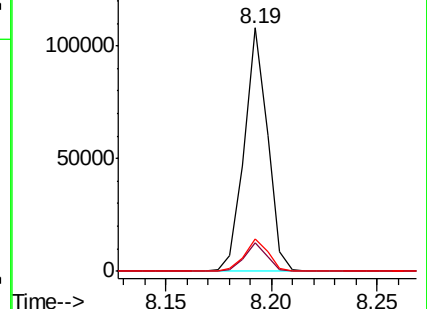
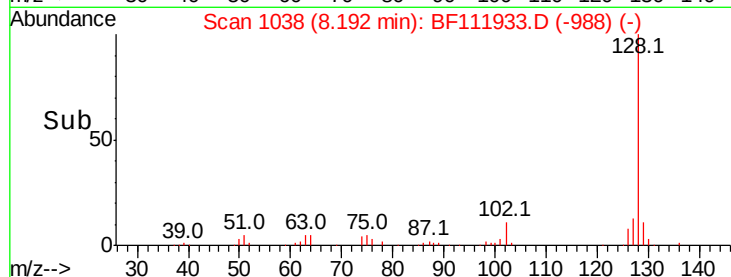
127 13.4 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 234.831 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF111933.D

Acq: 9 Jan 2019 4:02

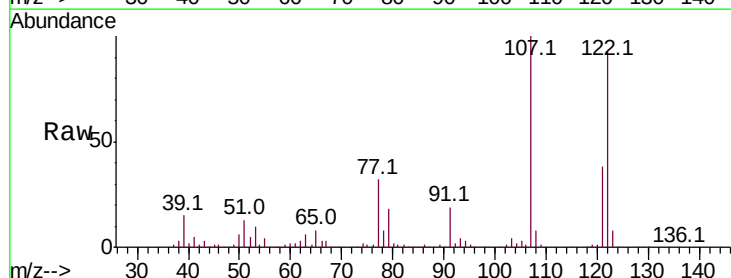
Tgt Ion:122 Resp: 642893

Ion Ratio Lower Upper

122 100

105 3.5 107.9 147.9#

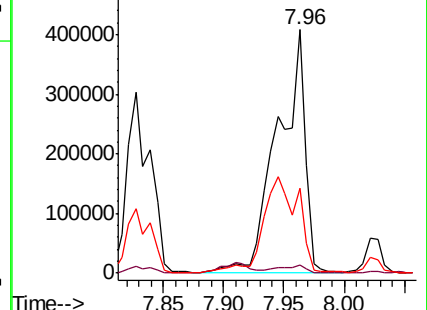
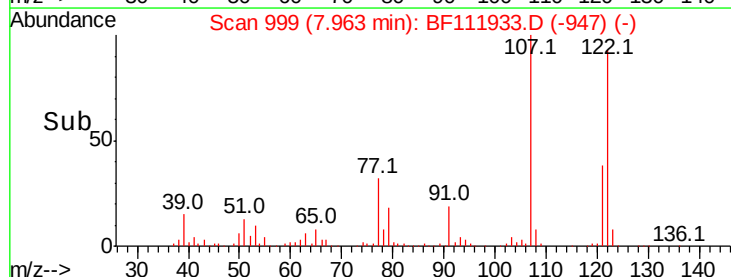
77 34.8 76.6 116.6#

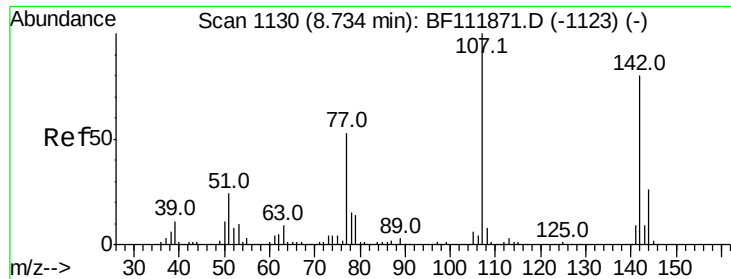


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

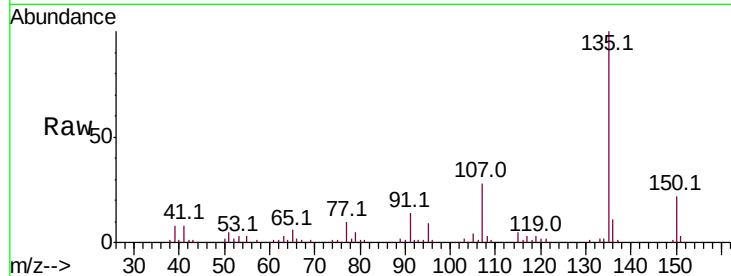




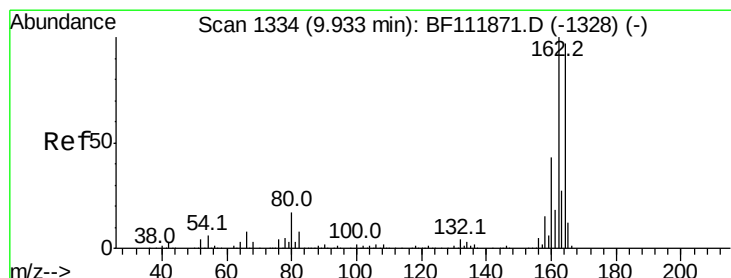
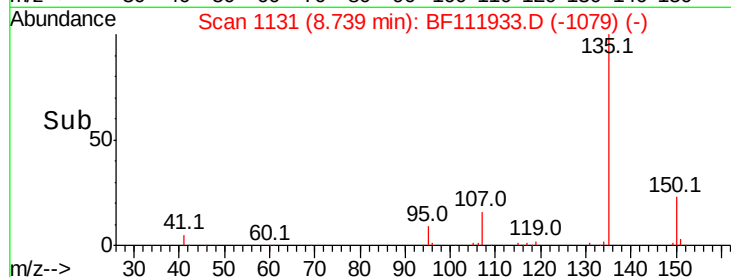
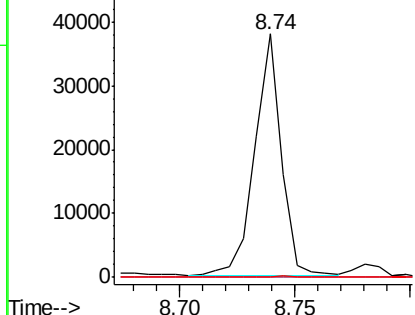
#36
4-Chloro-3-methylphenol
Concen: 6.268 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.01 min
Lab File: BF111933.D
Acq: 9 Jan 2019 4:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 30233
Ion Ratio Lower Upper
107 100
144 0.0 20.7 31.1#
142 0.0 63.9 95.9#

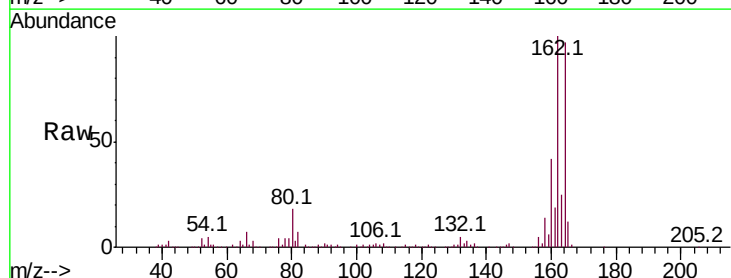


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

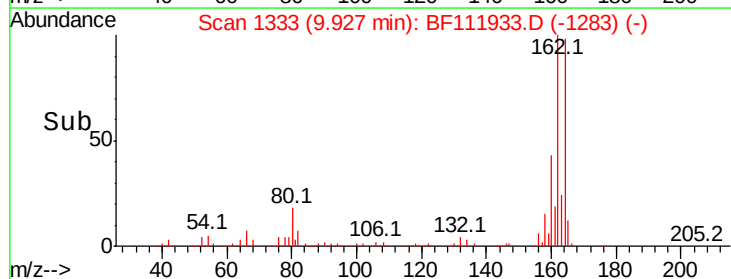
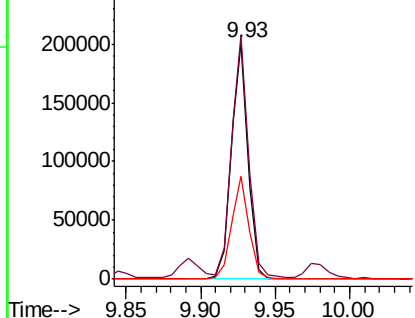


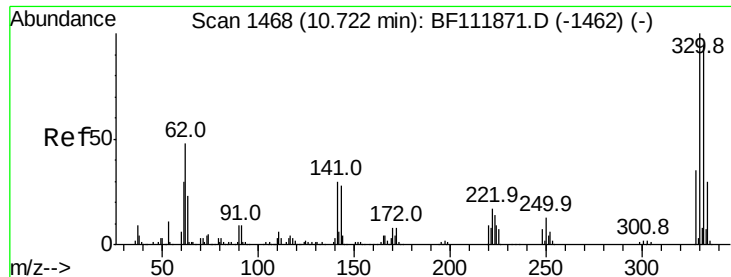
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111933.D
Acq: 9 Jan 2019 4:02

Tgt Ion:164 Resp: 159356
Ion Ratio Lower Upper
164 100
162 103.0 82.2 123.2
160 43.6 35.5 53.3



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

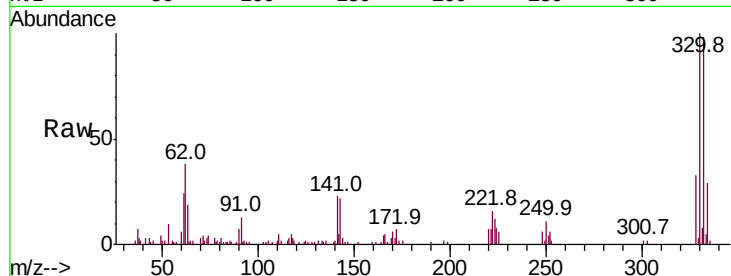




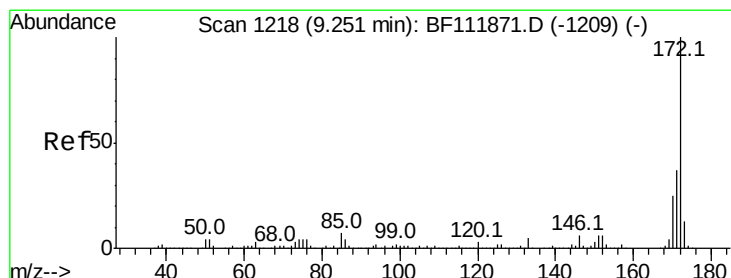
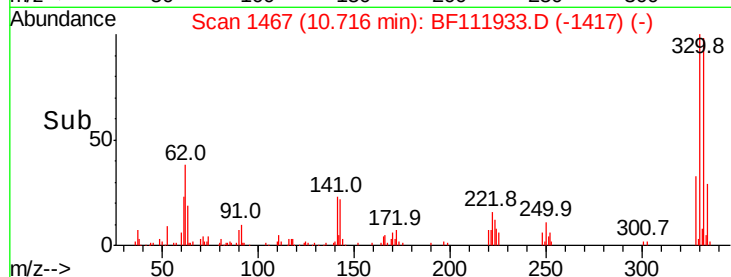
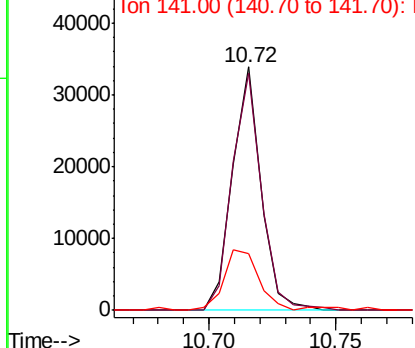
#42
 2,4,6-Tribromophenol
 Concen: 12.842 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111933.D
 Acq: 9 Jan 2019 4:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.9	115.3
141	31.1	23.7	35.5

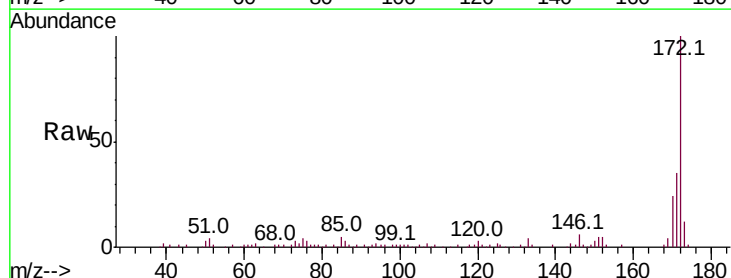


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

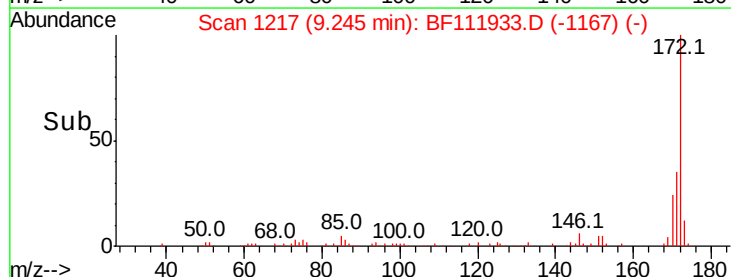
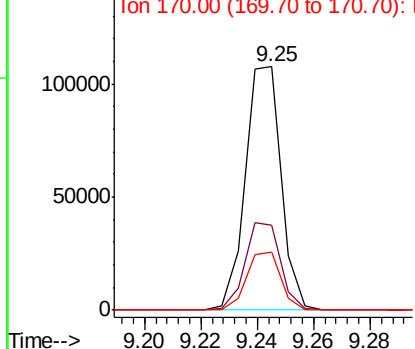


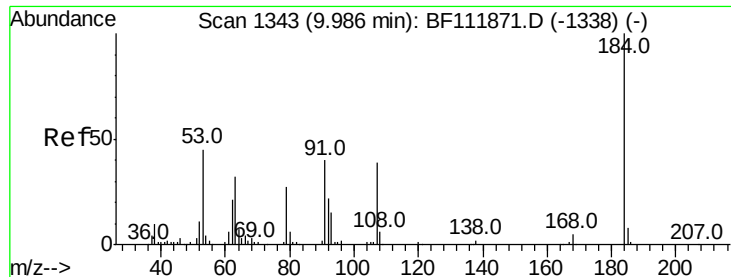
#45
 2-Fluorobiphenyl
 Concen: 8.666 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111933.D
 Acq: 9 Jan 2019 4:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	23.6	19.8	29.8



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

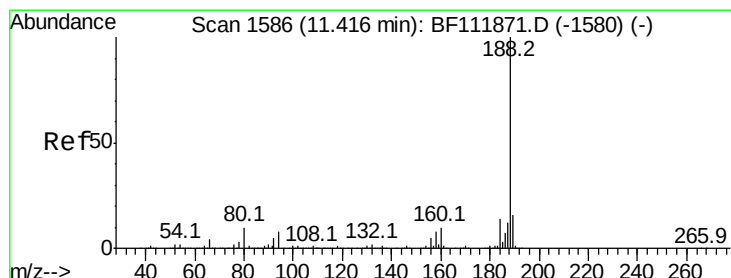
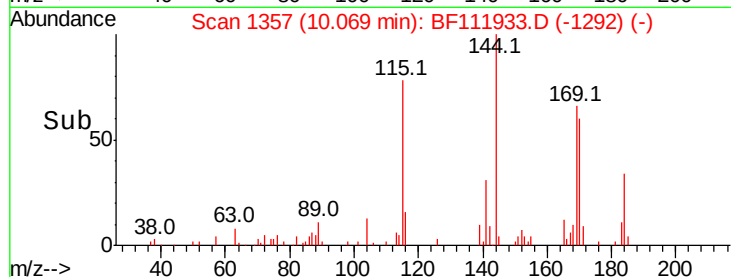
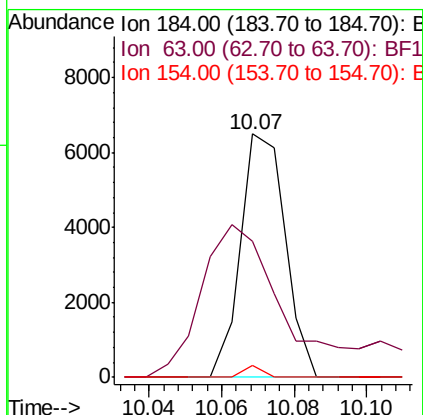
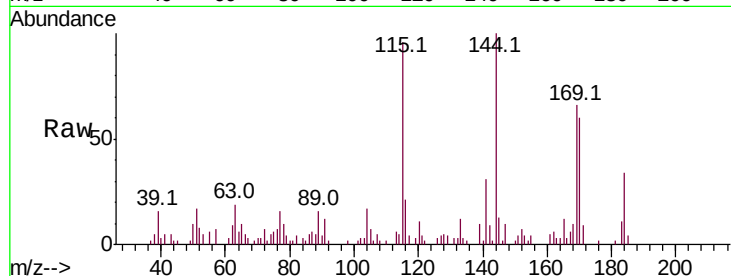




#54
 2,4-Dinitrophenol
 Concen: 4.879 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.08 min
 Lab File: BF111933.D
 Acq: 9 Jan 2019 4:02

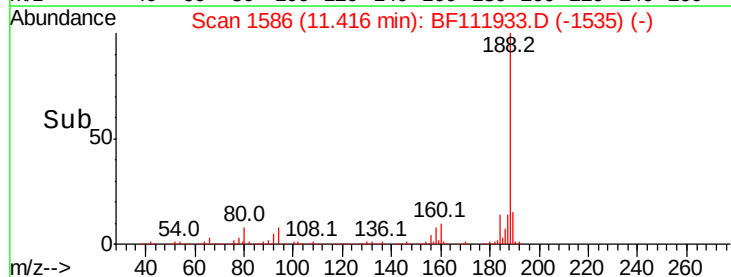
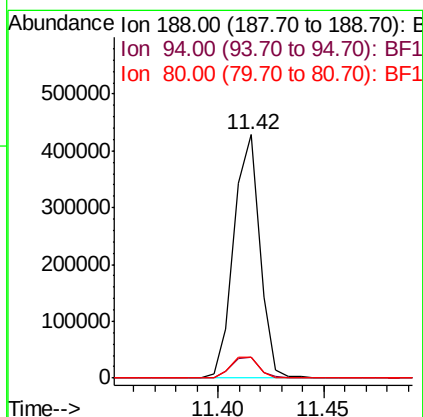
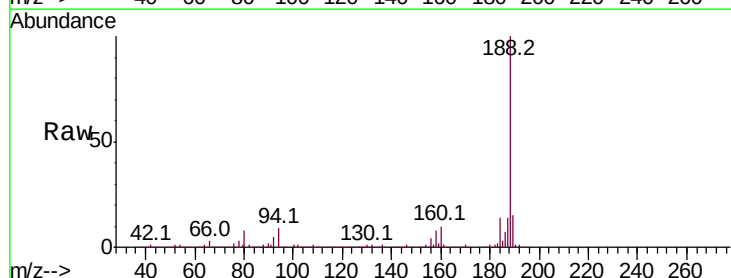
Instrument :
 BNA_F
 ClientSampled :

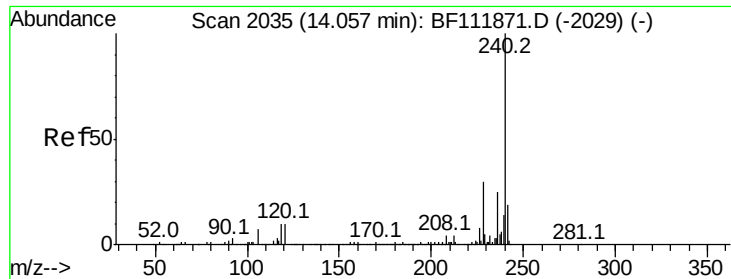
Tot Ion:184 Resp: 5530
 Ion Ratio Lower Upper
 184 100
 63 55.7 46.9 70.3
 154 4.8 46.9 70.3#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF111933.D
 Acq: 9 Jan 2019 4:02

Tgt Ion:188 Resp: 364032
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.6 10.0
 80 8.4 7.7 11.5

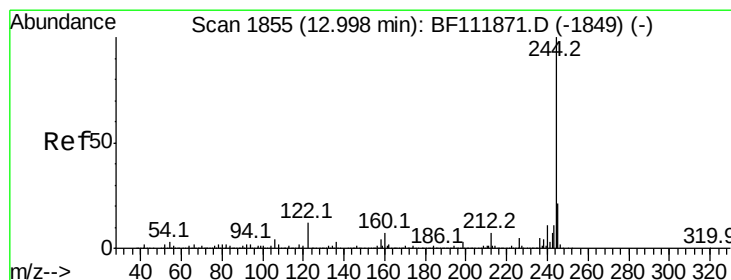
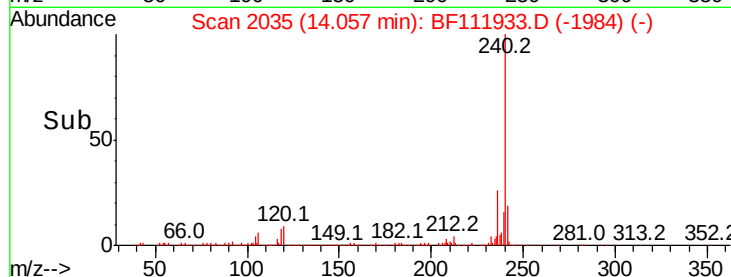
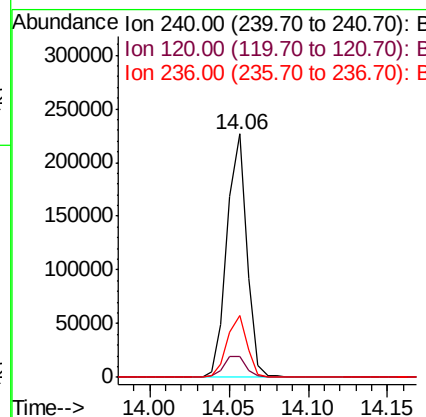
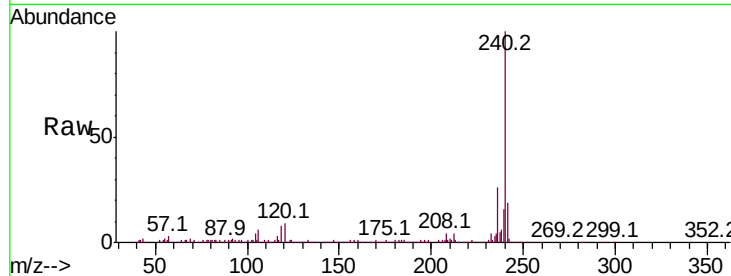




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF111933.D
 Acq: 9 Jan 2019 4:02

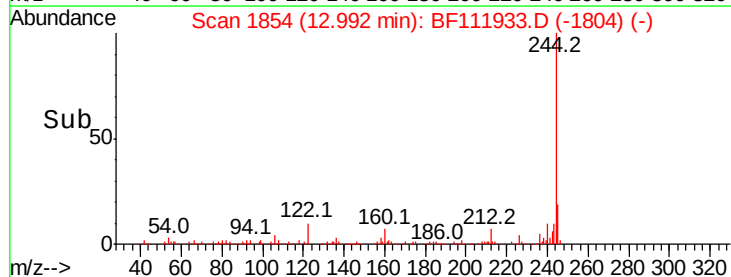
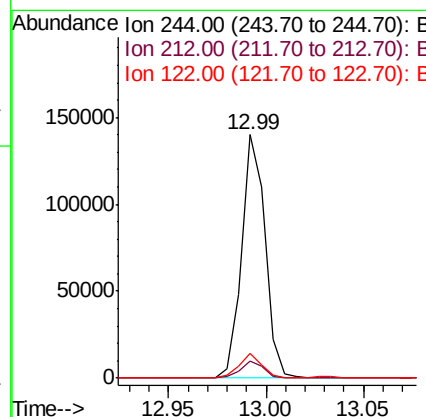
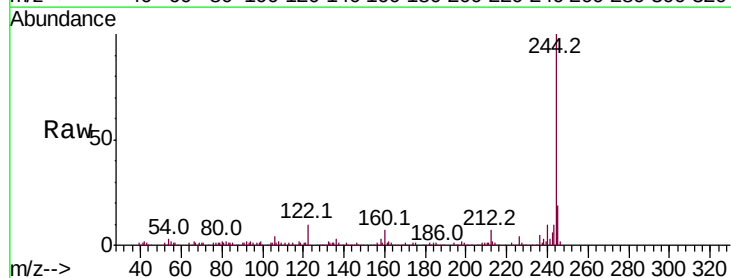
Instrument :
 BNA_F
 ClientSampleId :

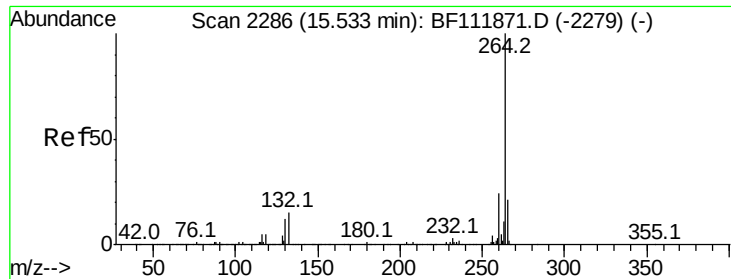
Tot Ion:240 Resp: 197799
 Ion Ratio Lower Upper
 240 100
 120 8.7 8.2 12.2
 236 25.6 20.2 30.4



#79
 Terphenyl-d14
 Concen: 11.177 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111933.D
 Acq: 9 Jan 2019 4:02

Tgt Ion:244 Resp: 116463
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.3 9.5 14.3

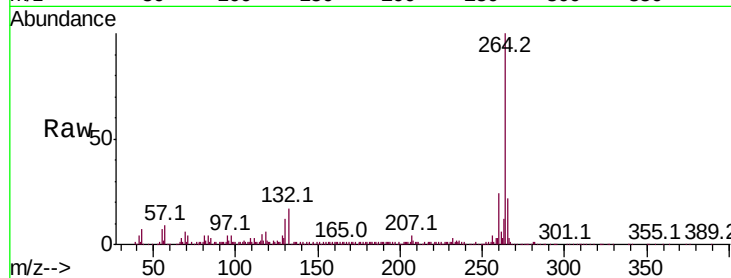




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.01 min
Lab File: BF111933.D
Acq: 9 Jan 2019 4:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	17.1	25.7



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

