

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111978.D
 Acq On : 10 Jan 2019 5:17
 Operator : JU/SJ
 Sample : K1082-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 06:56:01 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

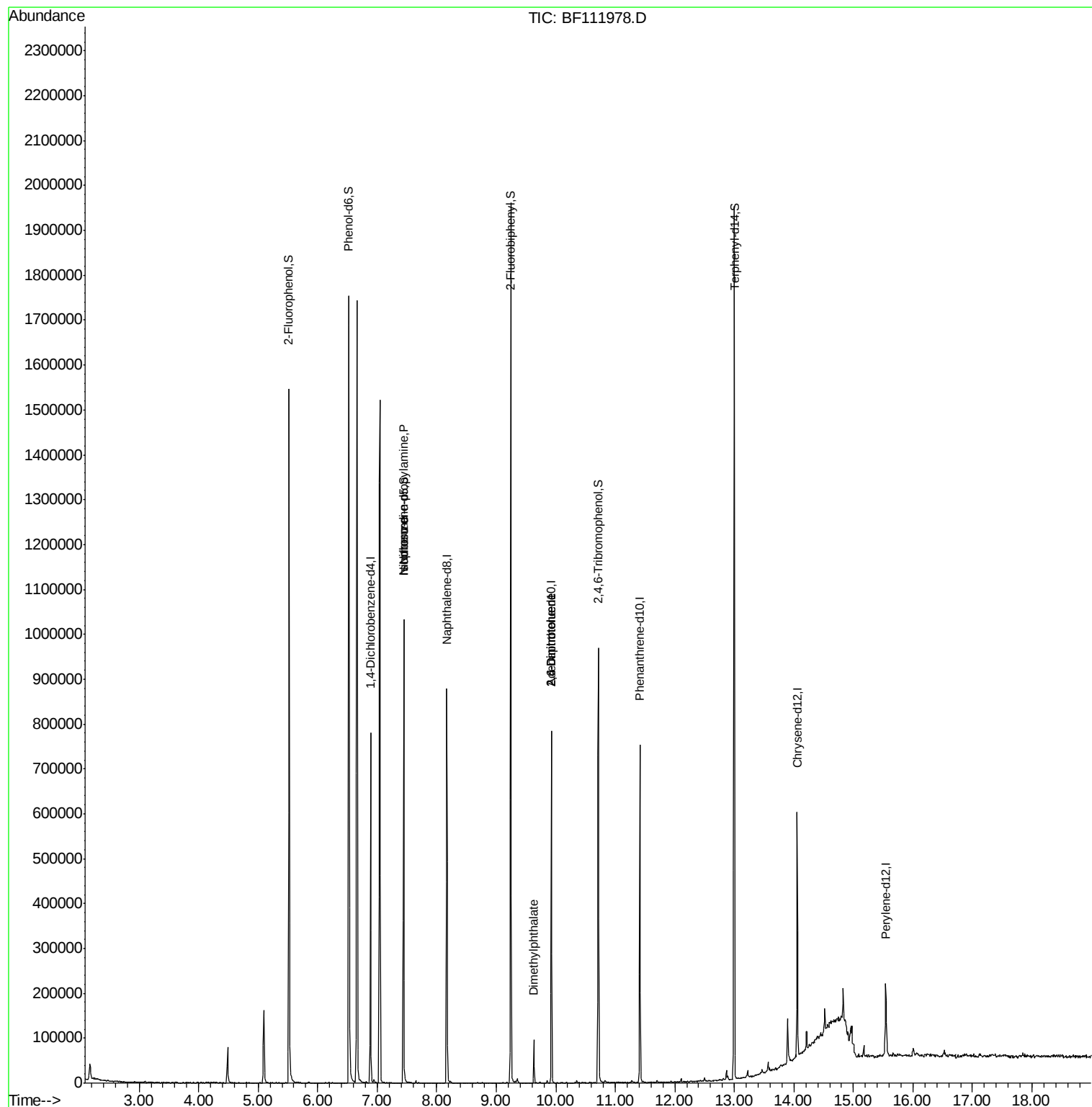
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	106072	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	358991	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	160877	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	295023	20.00	ng	0.00
76) Chrysene-d12	14.06	240	181345	20.00	ng	0.00
87) Perylene-d12	15.54	264	73563	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	408500	65.89	ng	0.00
7) Phenol-d6	6.52	99	568131	71.09	ng	-0.01
23) Nitrobenzene-d5	7.45	82	318948	47.48	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	116559	55.70	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	637218	57.76	ng	0.00
79) Terphenyl-d14	13.00	244	640110	67.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	879	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.45	70	42915	8.265 ng	#	1
25) Isophorone	7.45	82	318945	29.323 ng	#	75
50) Dimethylphthalate	9.63	163	38988	3.226 ng	#	65
51) 2,6-Dinitrotoluene	9.93	165	20415	7.554 ng	#	99
57) 2,4-Dinitrotoluene	9.93	165	20415	5.846 ng	#	26

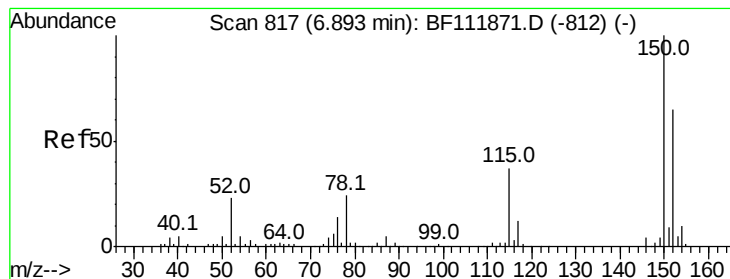
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 07 14:33:51 2019
Response via : Initial Calibration



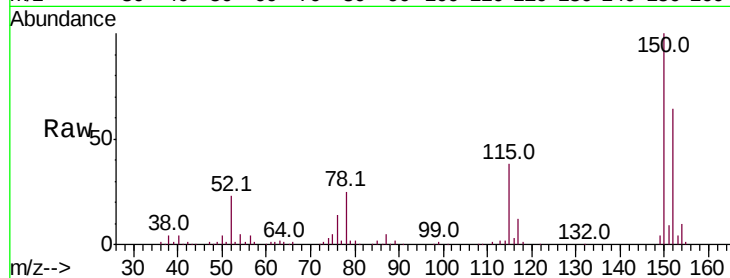


#1

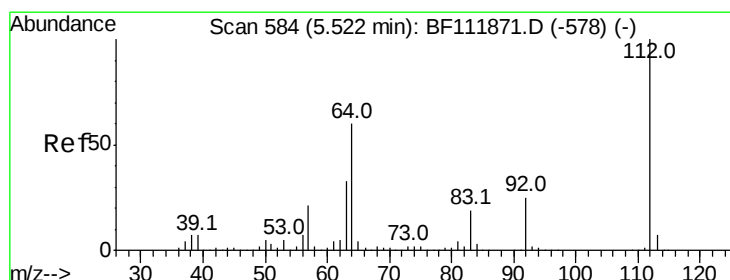
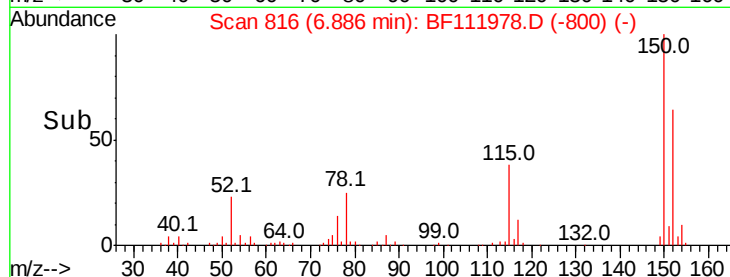
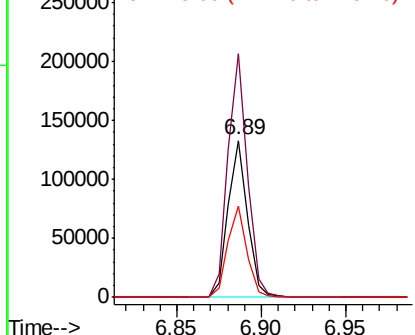
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF111978.D
Acq: 10 Jan 2019 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106072
Ion Ratio Lower Upper
152 100
150 155.2 122.7 184.1
115 58.3 45.2 67.8



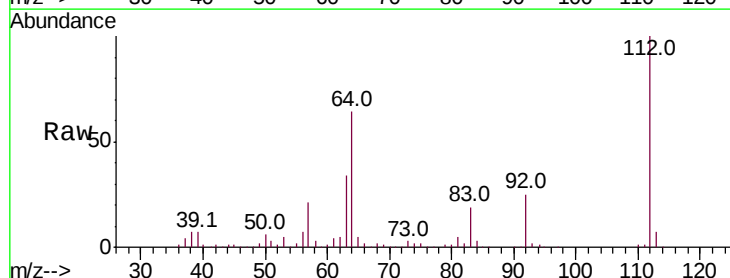
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



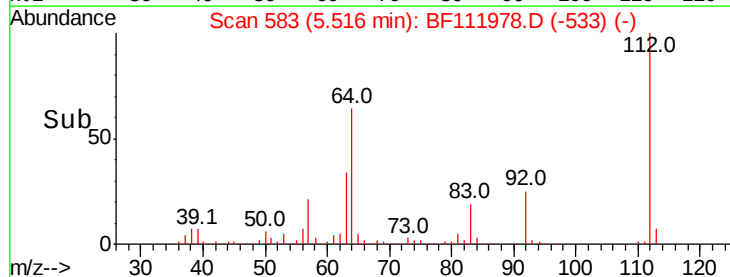
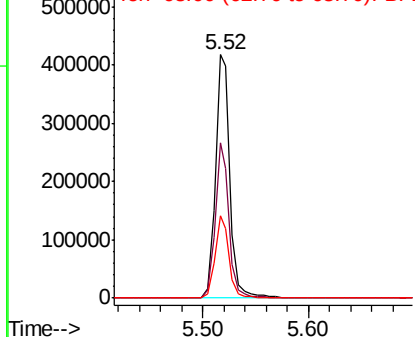
#5

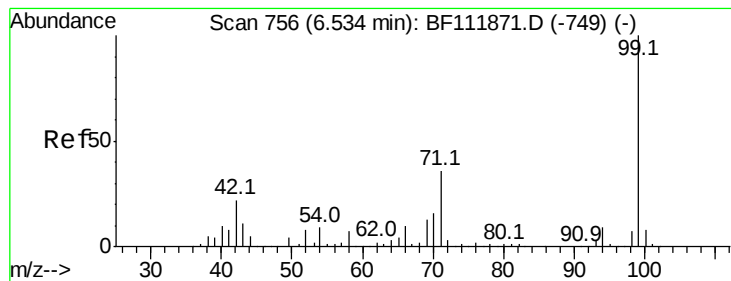
2-Fluorophenol
Concen: 65.886 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111978.D
Acq: 10 Jan 2019 5:17

Tgt Ion:112 Resp: 408500
Ion Ratio Lower Upper
112 100
64 63.9 48.3 72.5
63 33.7 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: 71.095 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111978.D

Acq: 10 Jan 2019 5:17

Instrument :

BNA_F

ClientSampled :

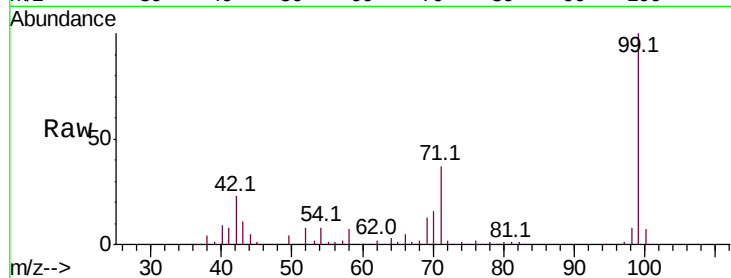
Tot Ion: 99 Resp: 568131

Ion Ratio Lower Upper

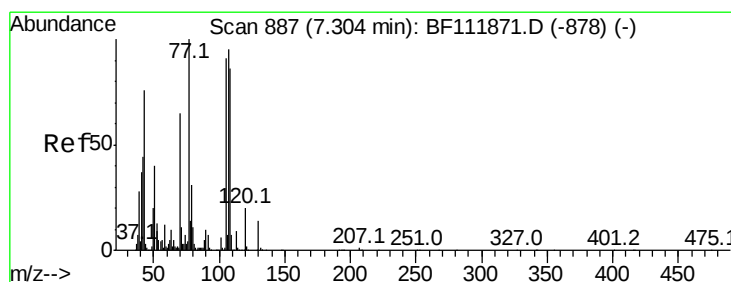
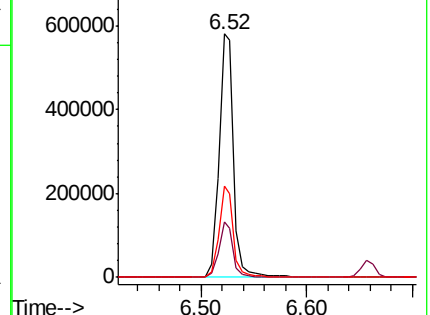
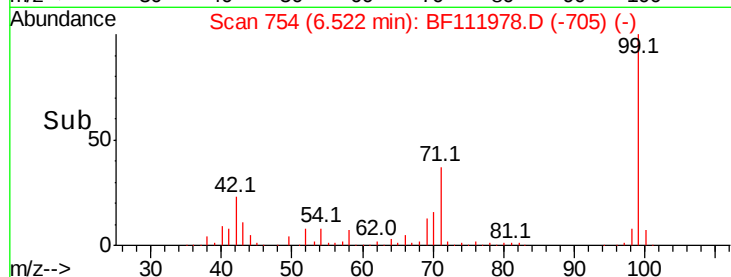
99 100

42 23.0 17.9 26.9

71 37.4 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



#19

n-Nitroso-di-n-propylamine

Concen: 8.265 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.14 min

Lab File: BF111978.D

Acq: 10 Jan 2019 5:17

Tgt Ion: 70 Resp: 42915

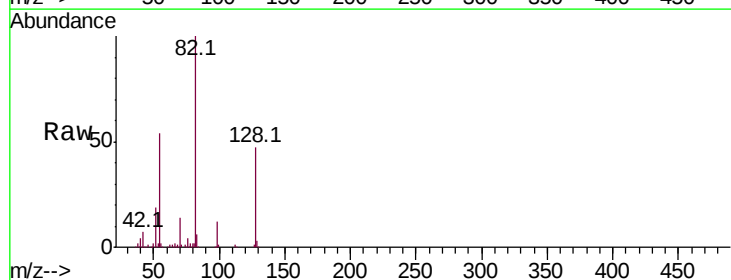
Ion Ratio Lower Upper

70 100

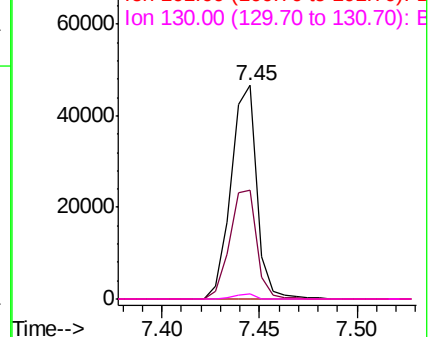
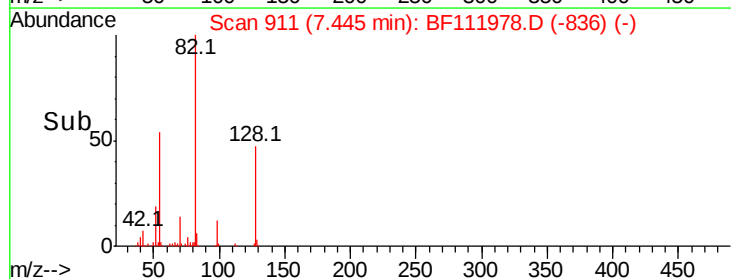
42 51.3 53.6 80.4#

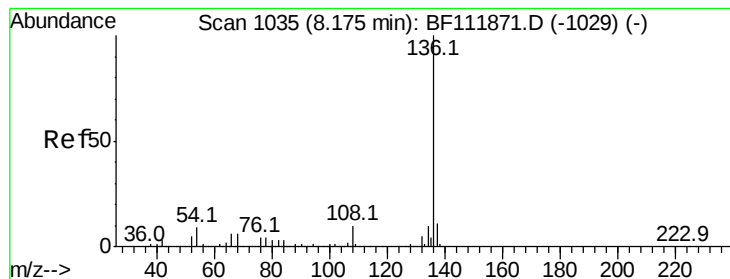
101 0.0 7.3 10.9#

130 2.2 16.8 25.2#



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111978.D

Acq: 10 Jan 2019 5:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 358991

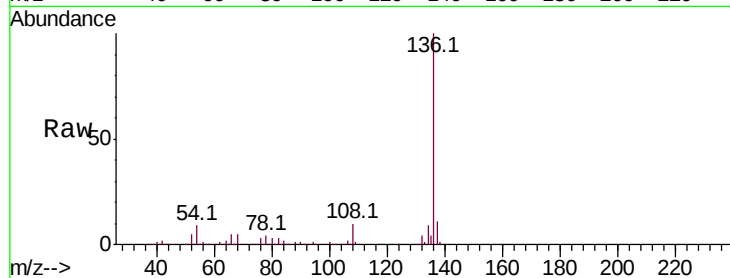
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 8.6 7.2 10.8

68 5.4 4.4 6.6

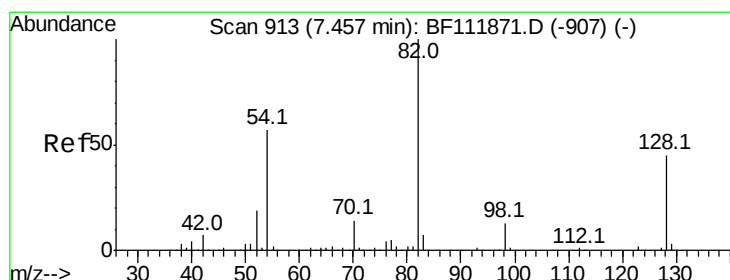
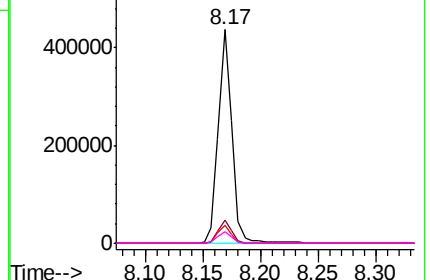
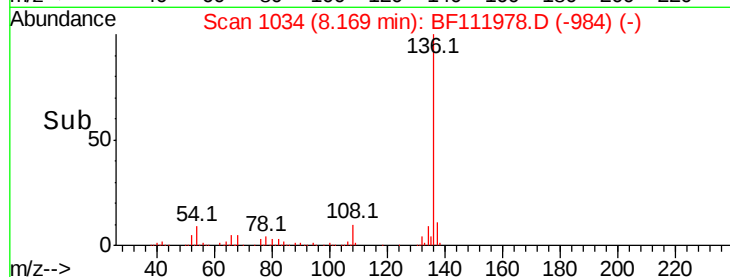


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 47.484 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF111978.D

Acq: 10 Jan 2019 5:17

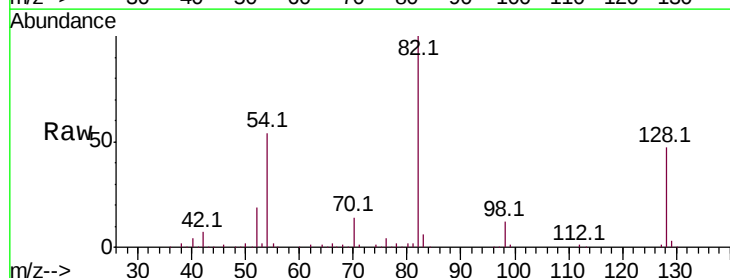
Tgt Ion: 82 Resp: 318948

Ion Ratio Lower Upper

82 100

128 47.3 35.7 53.5

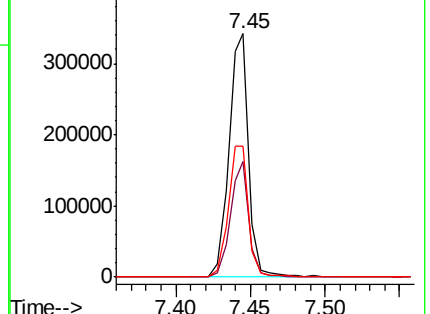
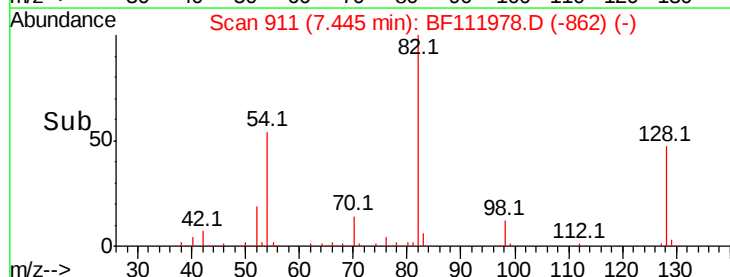
54 53.9 45.8 68.8

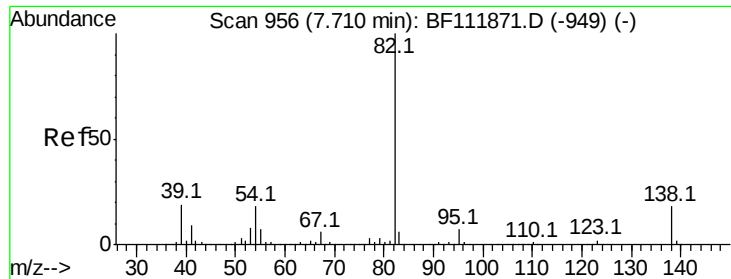


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 29.323 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.26 min

Lab File: BF111978.D

Acq: 10 Jan 2019 5:17

Instrument :

BNA_F

ClientSampleId :

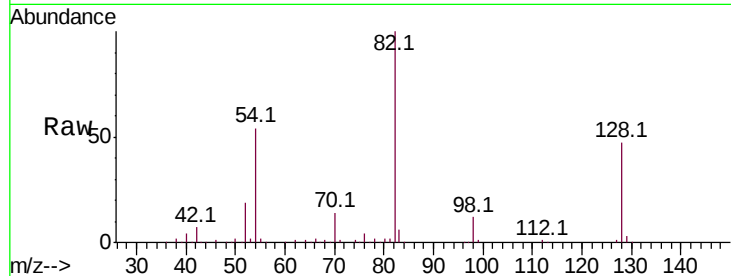
Tot Ion: 82 Resp: 318945

Ion Ratio Lower Upper

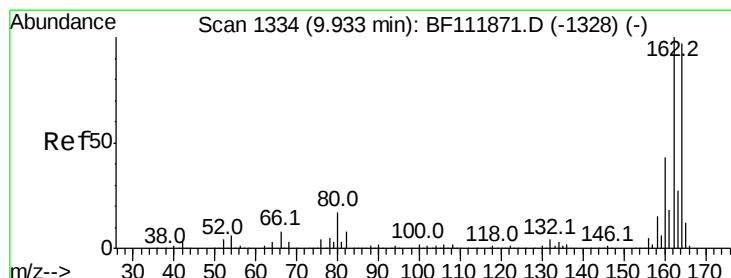
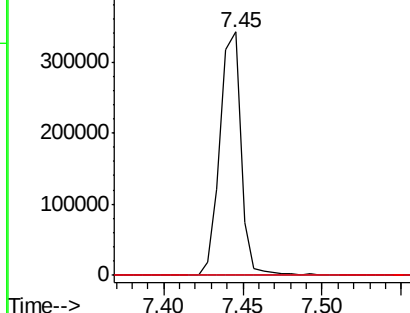
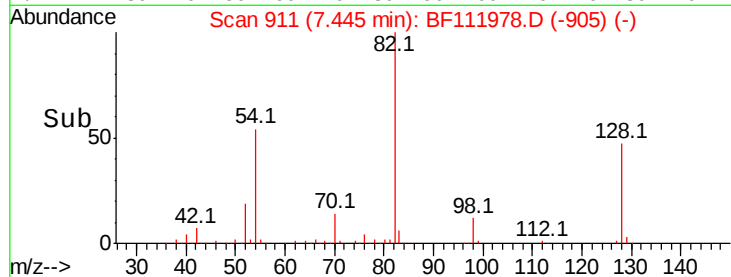
82 100

95 0.0 5.8 8.6#

138 0.0 14.4 21.6#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF111978.D

Acq: 10 Jan 2019 5:17

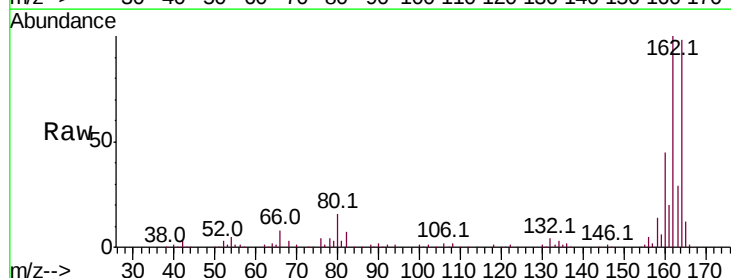
Tgt Ion: 164 Resp: 160877

Ion Ratio Lower Upper

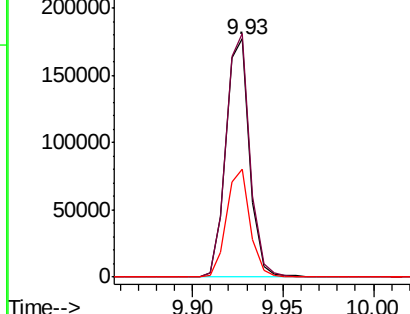
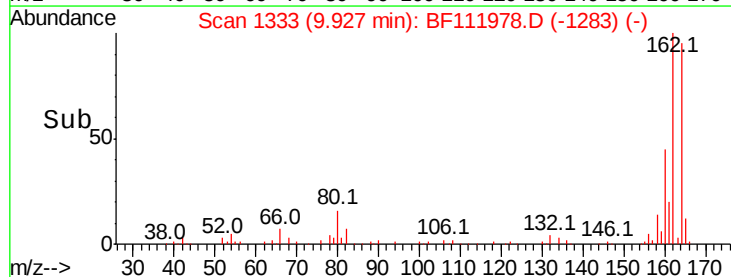
164 100

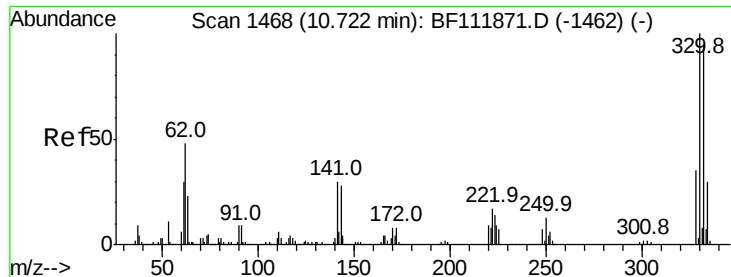
162 102.2 82.2 123.2

160 45.5 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

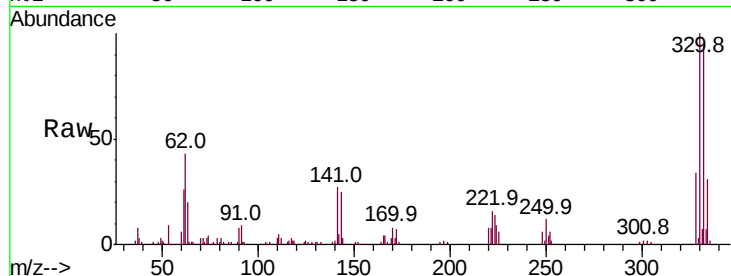




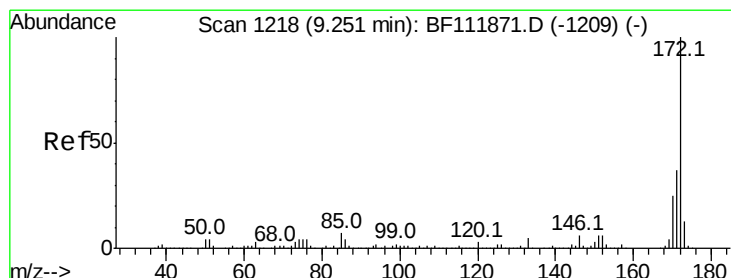
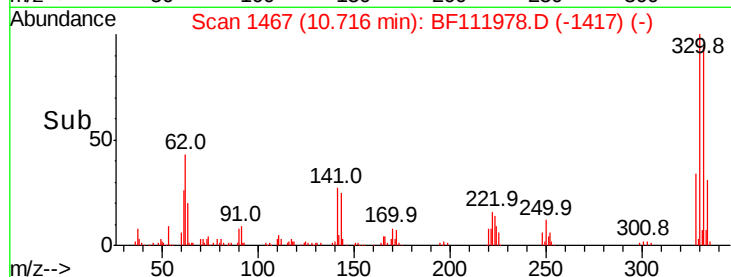
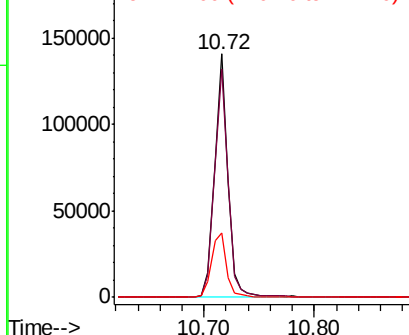
#42
 2,4,6-Tribromophenol
 Concen: 55.703 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF111978.D
 Acq: 10 Jan 2019 5:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	29.5	23.7	35.5

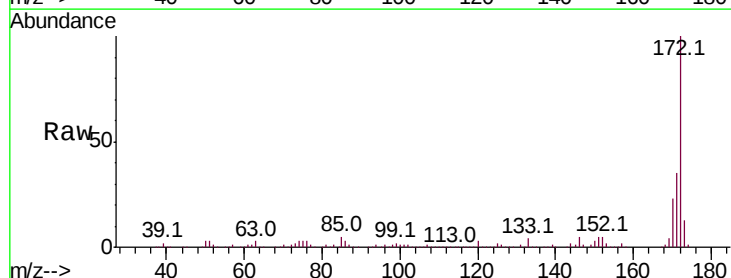


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

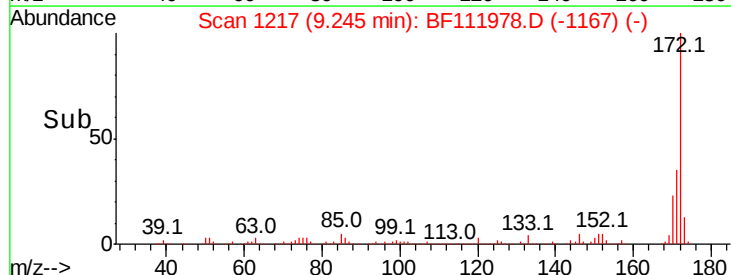
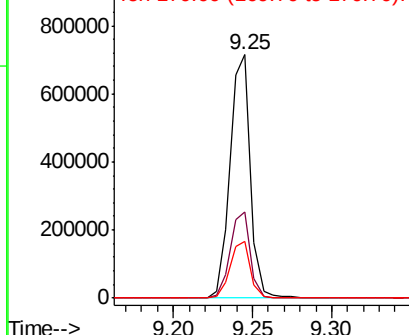


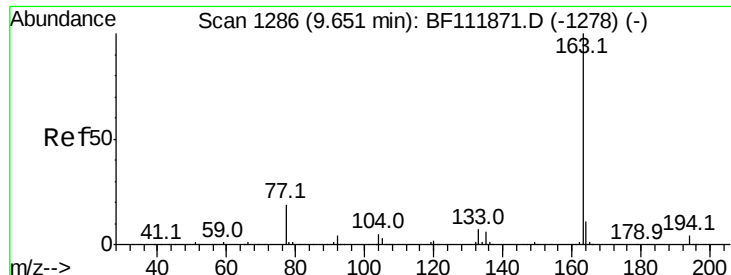
#45
 2-Fluorobiphenyl
 Concen: 57.758 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF111978.D
 Acq: 10 Jan 2019 5:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.6	44.4
170	23.2	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

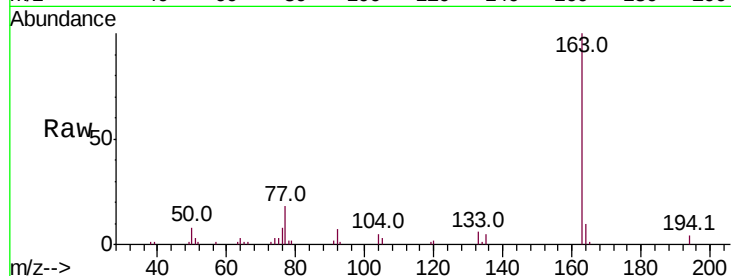




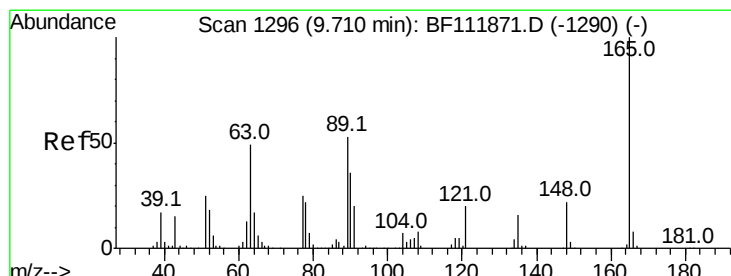
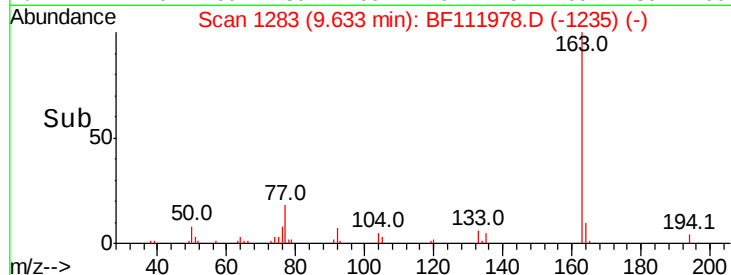
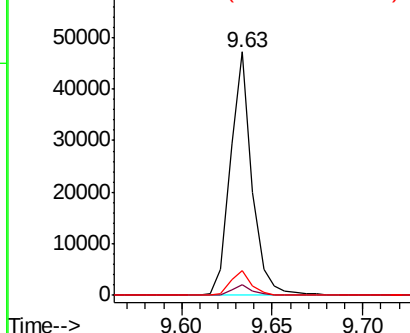
#50
Dimethylphthalate
Concen: 3.226 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BF111978.D
Acq: 10 Jan 2019 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.0	8.5	12.7

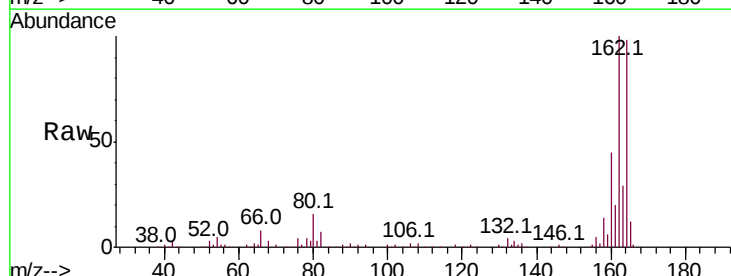


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

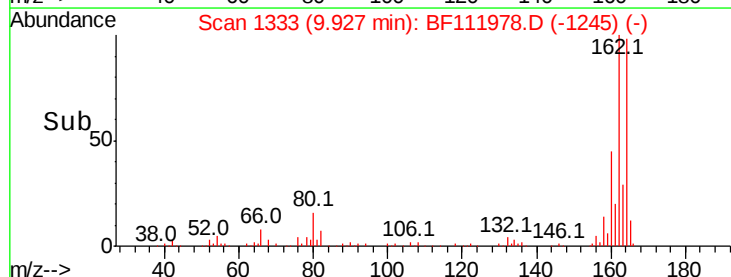
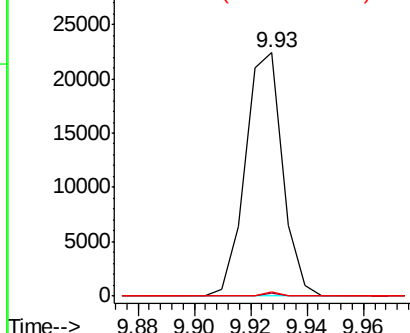


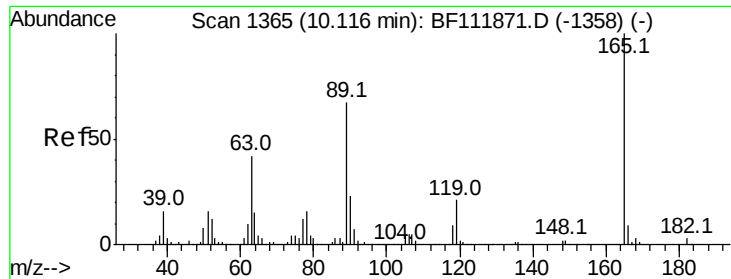
#51
2,6-Dinitrotoluene
Concen: 7.554 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.22 min
Lab File: BF111978.D
Acq: 10 Jan 2019 5:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	46.2	69.2#
89	1.5	42.2	63.2#



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

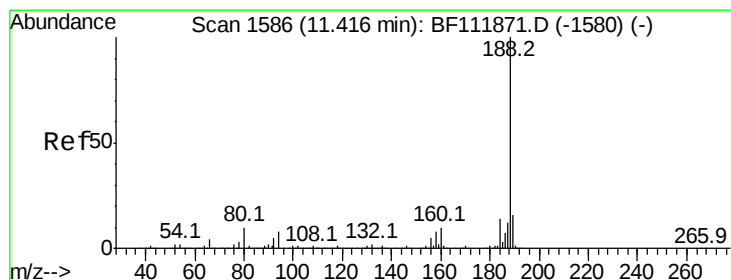
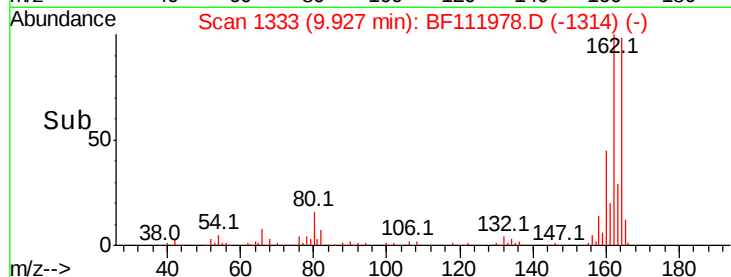
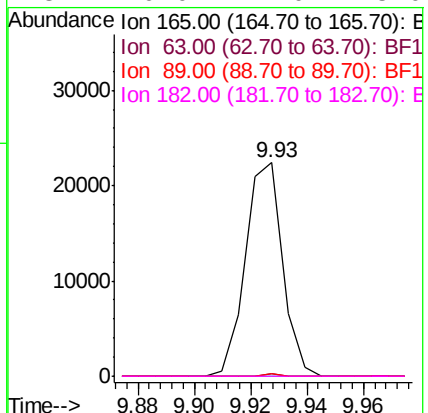
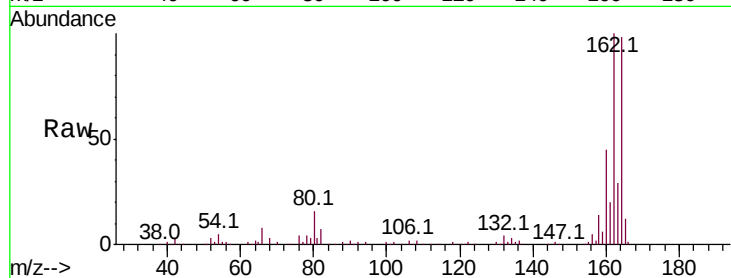




#57
 2,4-Dinitrotoluene
 Concen: 5.846 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. -0.19 min
 Lab File: BF111978.D
 Acq: 10 Jan 2019 5:17

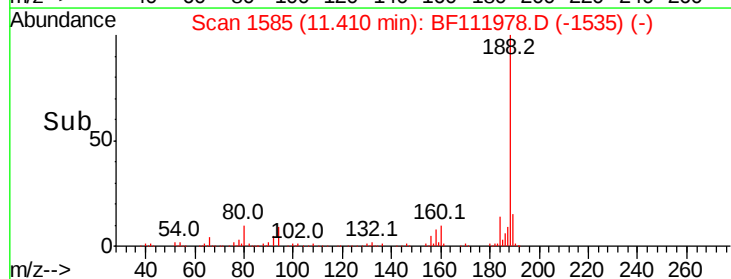
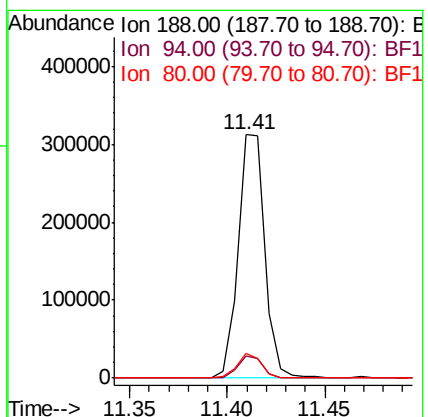
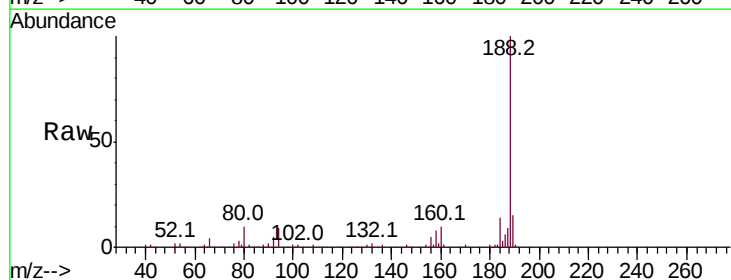
Instrument :
 BNA_F
 ClientSampleId :

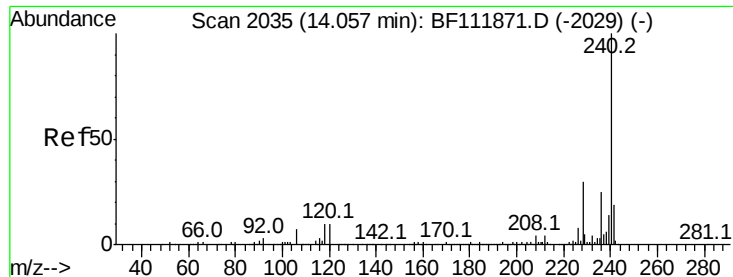
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.1	51.1#
89	1.5	53.5	80.3#
182	0.0	2.0	3.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF111978.D
 Acq: 10 Jan 2019 5:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.9	7.7	11.5

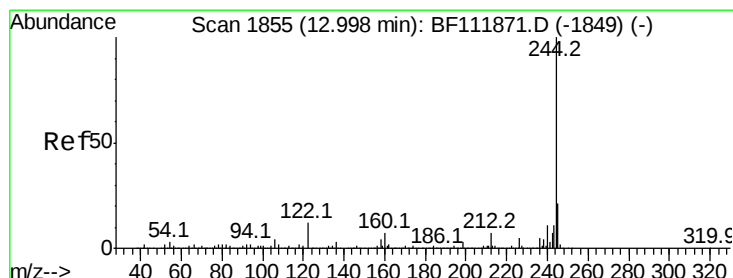
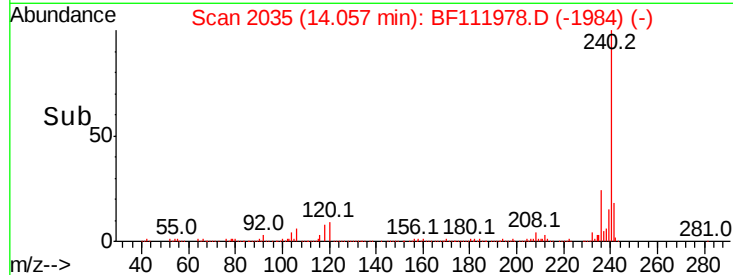
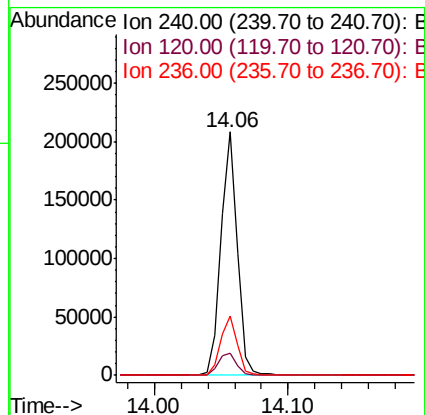
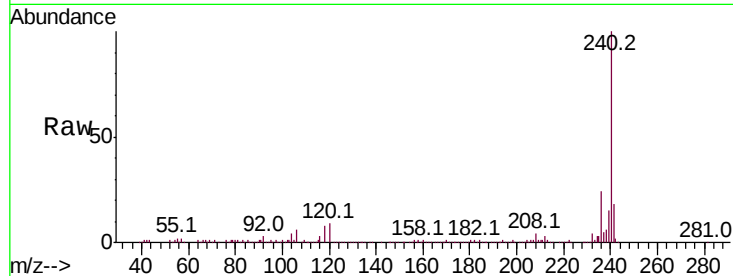




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BF111978.D
 Acq: 10 Jan 2019 5:17

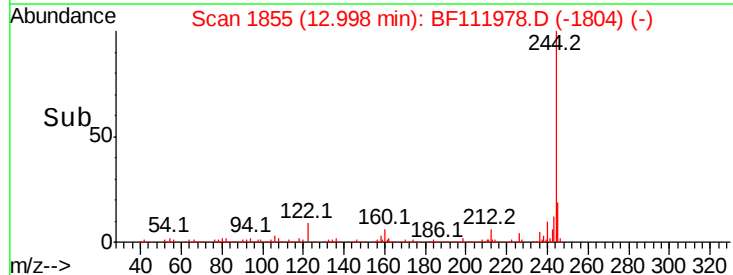
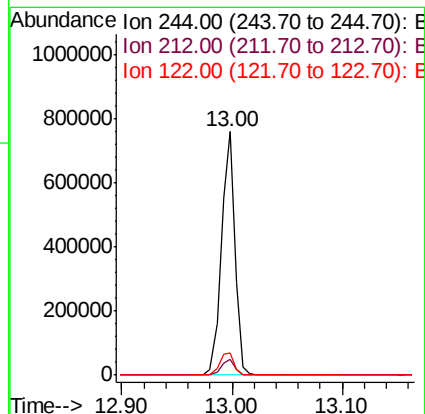
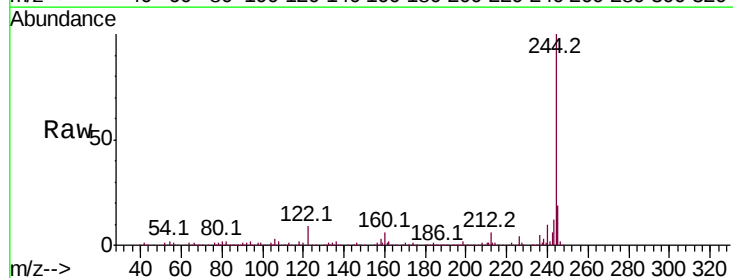
Instrument :
 BNA_F
 ClientSampleId :

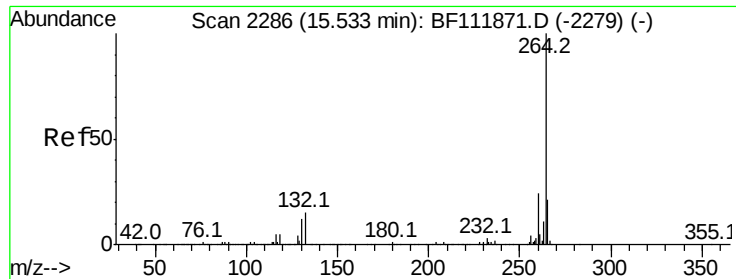
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.2	12.2
236	24.2	20.2	30.4



#79
 Terphenyl-d14
 Concen: 67.003 ng
 RT: 13.00 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: BF111978.D
 Acq: 10 Jan 2019 5:17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	9.2	9.5	14.3#

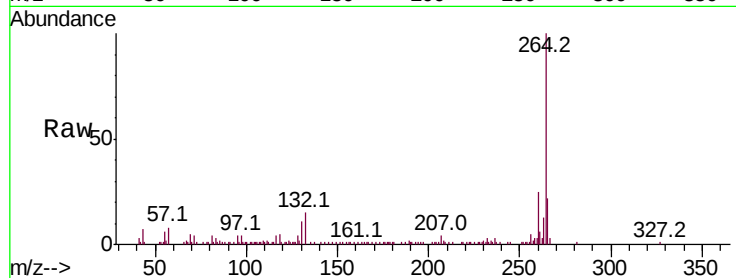




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. 0.01 min
Lab File: BF111978.D
Acq: 10 Jan 2019 5:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.3	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

