

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010919\
 Data File : BF111951.D
 Acq On : 9 Jan 2019 16:05
 Operator : JU/SJ
 Sample : K1006-05 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 01:52:25 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

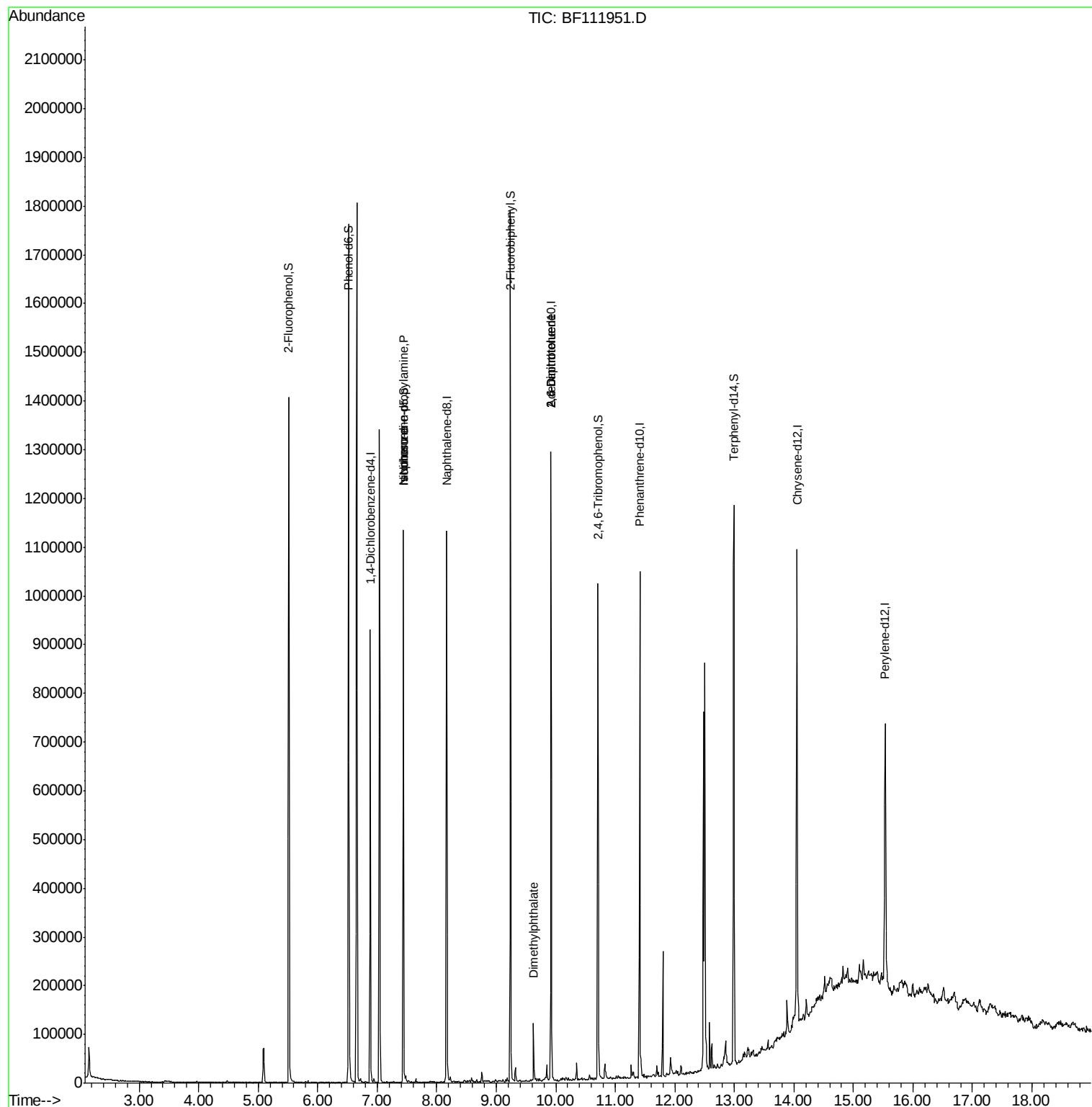
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	137890	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	502073	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	235253	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	371134	20.00	ng	0.00
76) Chrysene-d12	14.05	240	332425	20.00	ng	0.00
87) Perylene-d12	15.53	264	263576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	387826	48.12	ng	0.00
7) Phenol-d6	6.52	99	507137	48.82	ng	-0.01
23) Nitrobenzene-d5	7.44	82	310058	33.01	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	119534	39.06	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	503263	31.19	ng	-0.01
79) Terphenyl-d14	12.99	244	389967	22.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.52	77	727	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.44	70	40761	6.039 ng	#	80
25) Isophorone	7.44	82	306467	20.146 ng	#	65
50) Dimethylphthalate	9.63	163	41328	2.339 ng	#	99
51) 2,6-Dinitrotoluene	9.92	165	29429	7.447 ng	#	26
57) 2,4-Dinitrotoluene	9.92	165	29429	5.763 ng	#	27

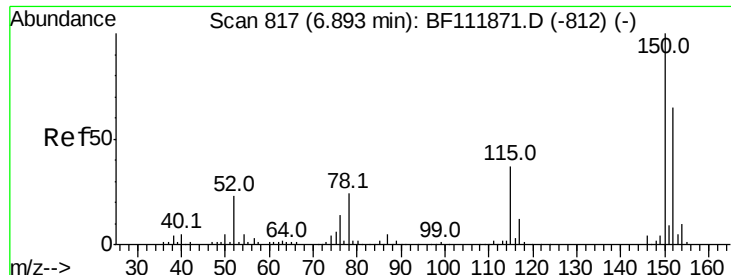
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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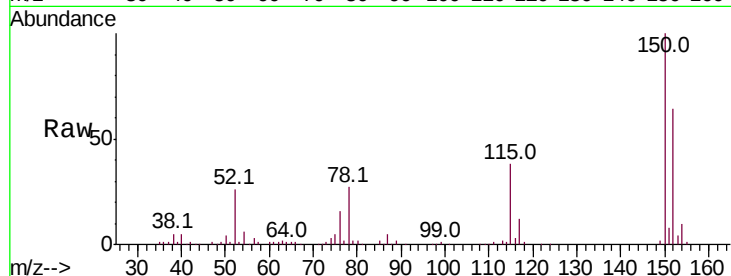


#1

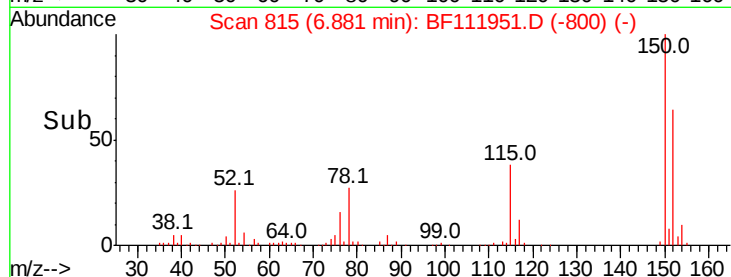
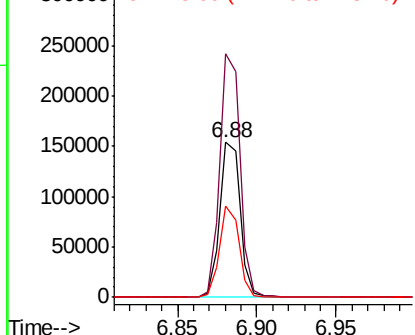
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF111951.D
Acq: 9 Jan 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 137890
Ion Ratio Lower Upper
152 100
150 157.1 122.7 184.1
115 58.9 45.2 67.8



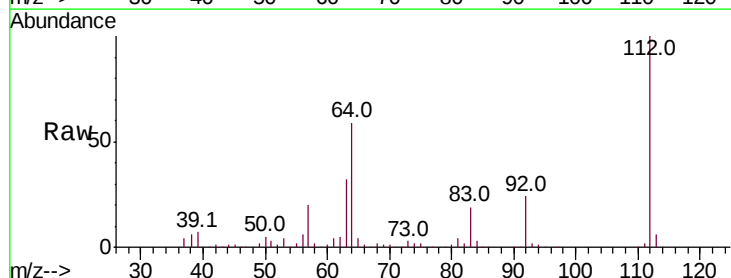
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



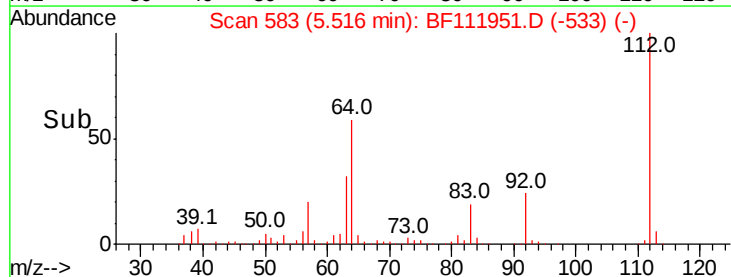
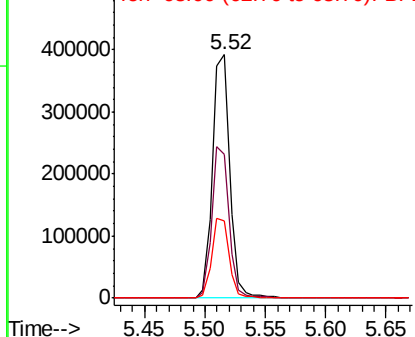
#5

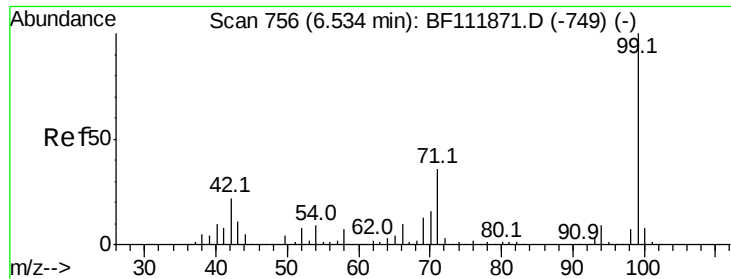
2-Fluorophenol
Concen: 48.118 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.01 min
Lab File: BF111951.D
Acq: 9 Jan 2019 16:05

Tgt Ion:112 Resp: 387826
Ion Ratio Lower Upper
112 100
64 59.3 48.3 72.5
63 31.8 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: 48.818 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111951.D

Acq: 9 Jan 2019 16:05

Instrument :

BNA_F

ClientSampleId :

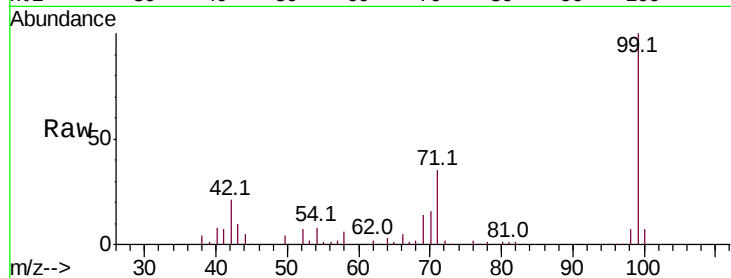
Tot Ion: 99 Resp: 507137

Ion Ratio Lower Upper

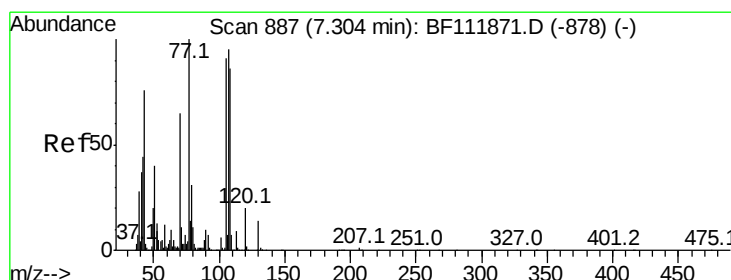
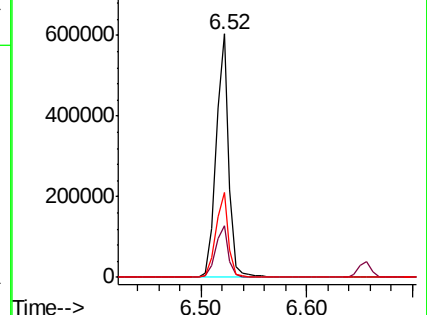
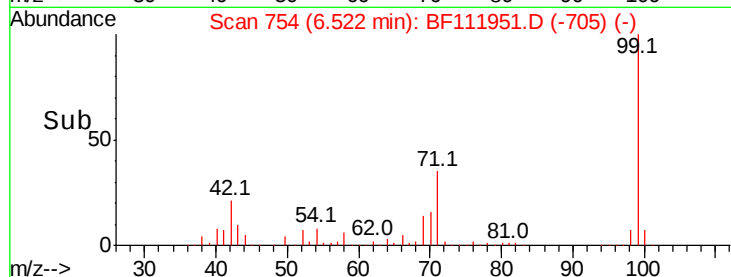
99 100

42 21.0 17.9 26.9

71 34.7 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: 6.039 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.14 min

Lab File: BF111951.D

Acq: 9 Jan 2019 16:05

Tgt Ion: 70 Resp: 40761

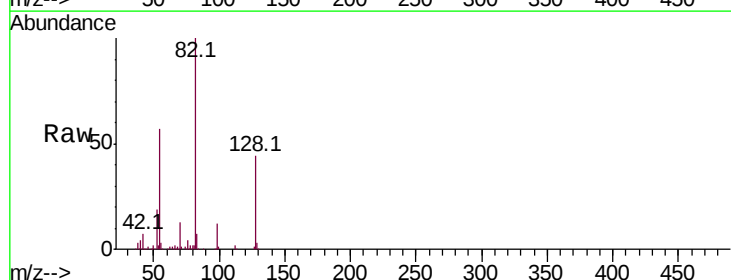
Ion Ratio Lower Upper

70 100

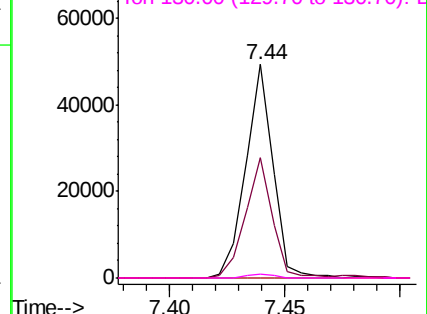
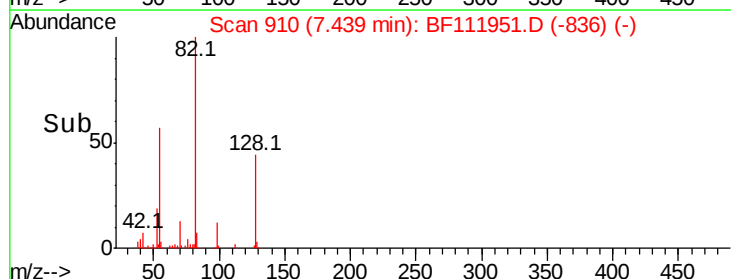
42 56.3 53.6 80.4

101 0.0 7.3 10.9#

130 2.0 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: BF111951.D

Acq: 9 Jan 2019 16:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 502073

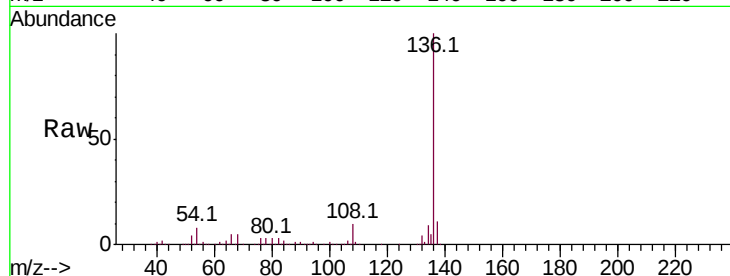
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 7.6 7.2 10.8

68 4.7 4.4 6.6

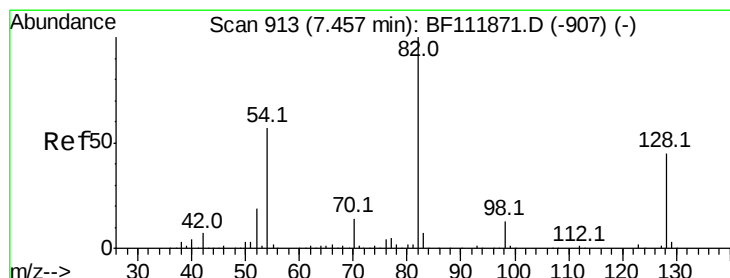
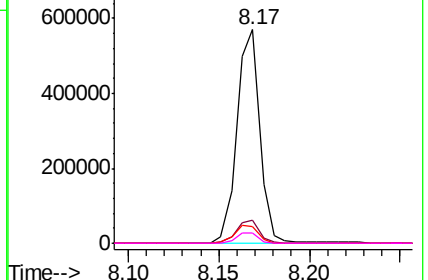
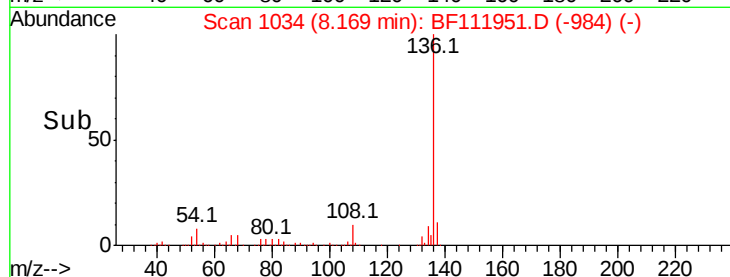


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.005 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF111951.D

Acq: 9 Jan 2019 16:05

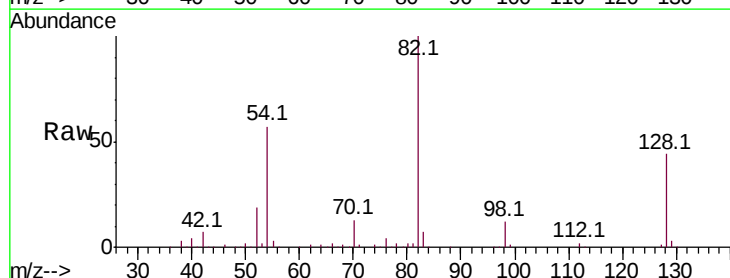
Tgt Ion: 82 Resp: 310058

Ion Ratio Lower Upper

82 100

128 44.0 35.7 53.5

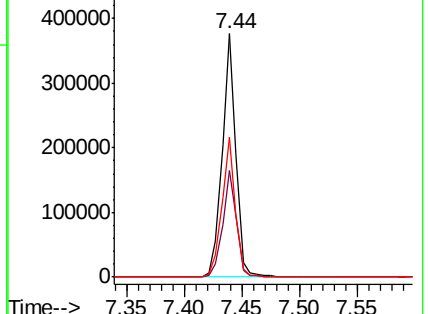
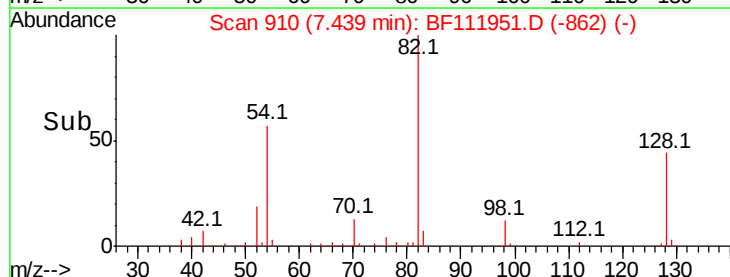
54 57.3 45.8 68.8

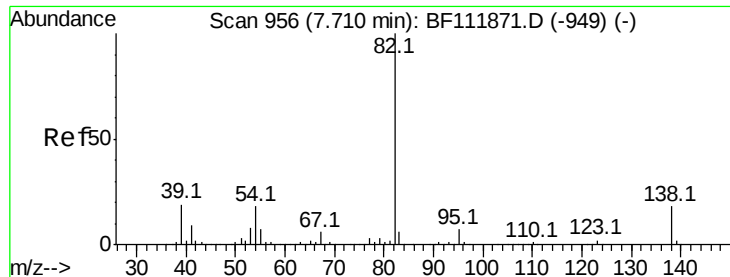


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 20.146 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.27 min

Lab File: BF111951.D

Acq: 9 Jan 2019 16:05

Instrument :

BNA_F

ClientSampleId :

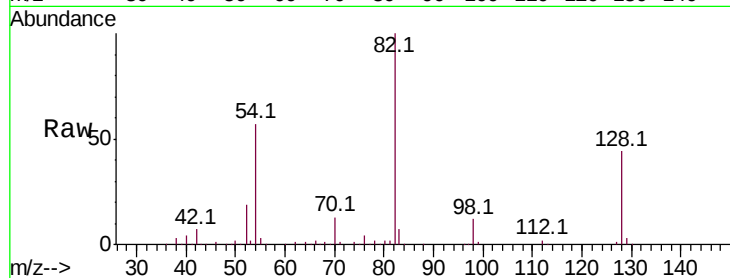
Tot Ion: 82 Resp: 306467

Ion Ratio Lower Upper

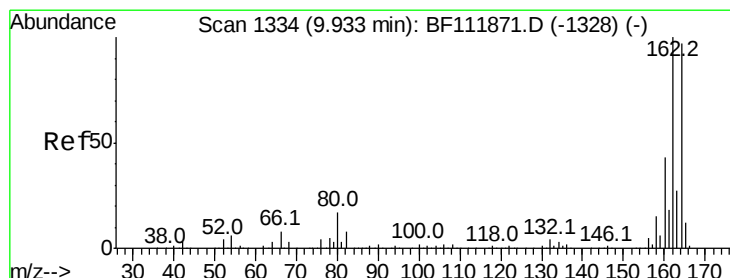
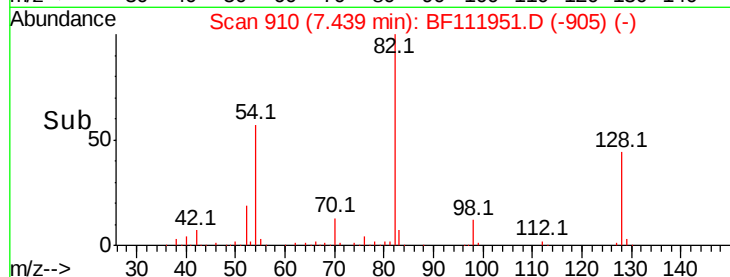
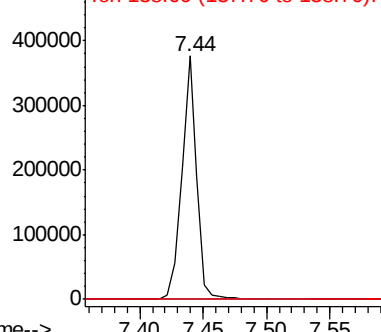
82 100

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: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF111951.D

Acq: 9 Jan 2019 16:05

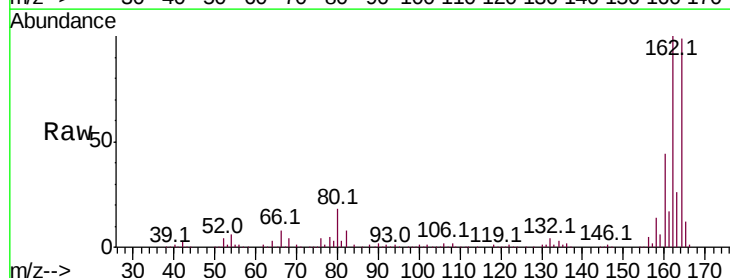
Tgt Ion: 164 Resp: 235253

Ion Ratio Lower Upper

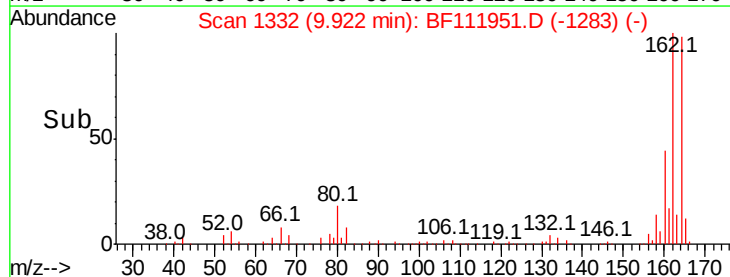
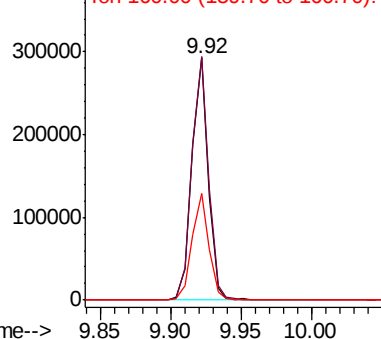
164 100

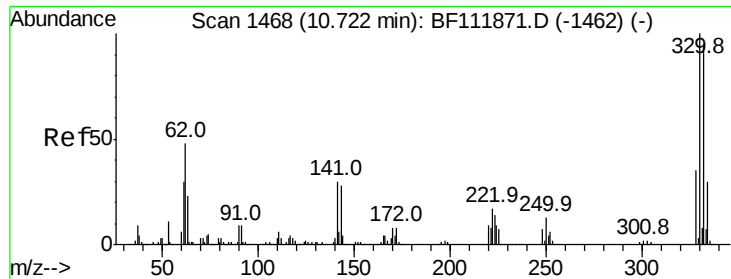
162 100.6 82.2 123.2

160 44.3 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

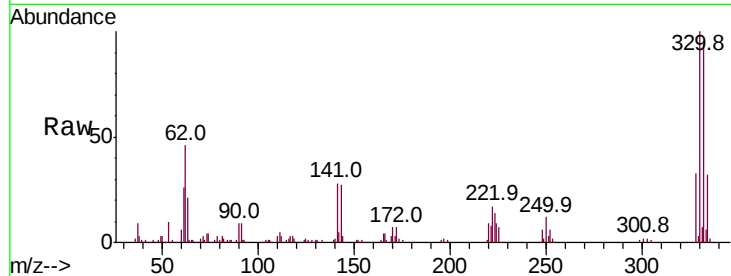




#42
 2,4,6-Tribromophenol
 Concen: 39.064 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF111951.D
 Acq: 9 Jan 2019 16:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.9	115.3
141	30.7	23.7	35.5

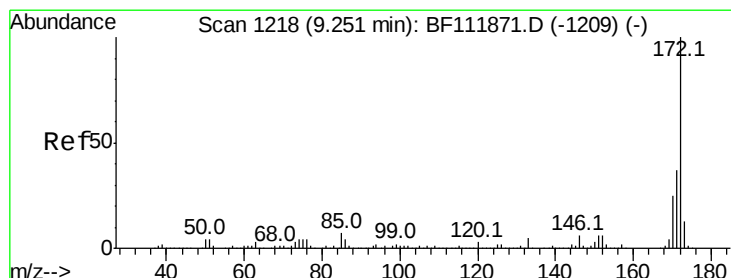
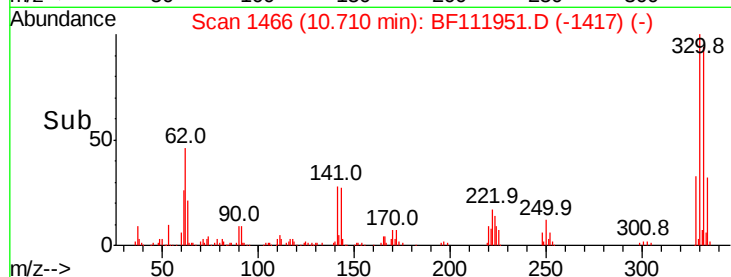
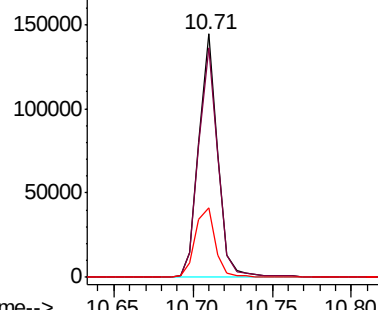


Abundance

Ion 329.80 (329.50 to 330.50): E

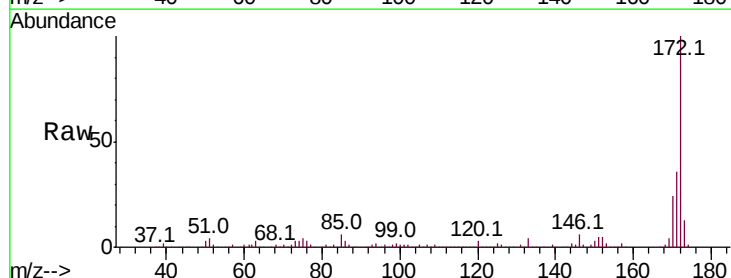
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 31.194 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF111951.D
 Acq: 9 Jan 2019 16:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.6	19.8	29.8

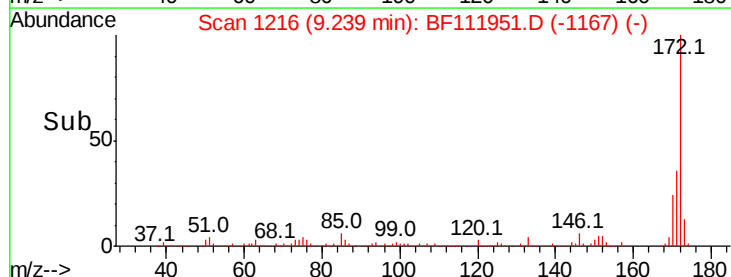
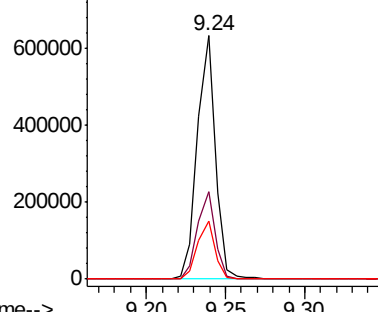


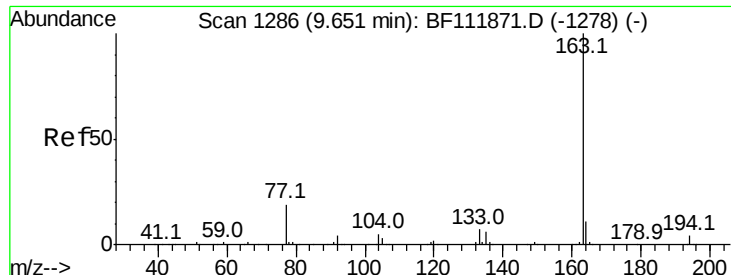
Abundance

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





#50

Dimethylphthalate

Concen: 2.339 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF111951.D

Acq: 9 Jan 2019 16:05

Instrument :

BNA_F

ClientSampleId :

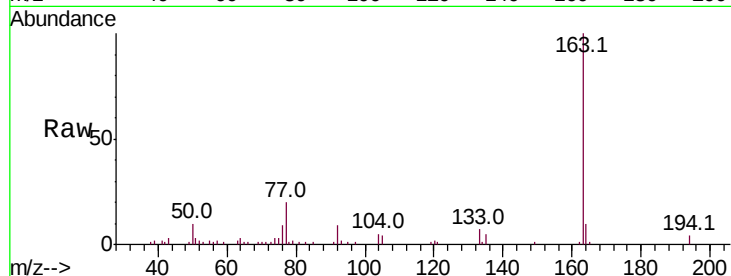
Tot Ion:163 Resp: 41328

Ion Ratio Lower Upper

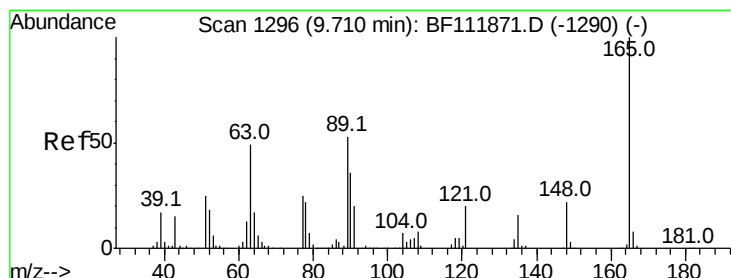
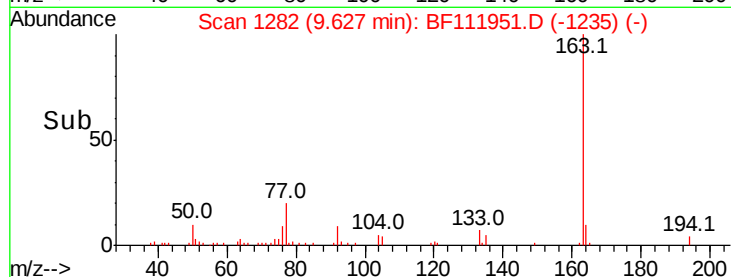
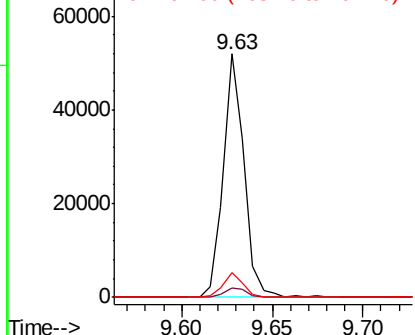
163 100

194 3.8 3.4 5.2

164 10.1 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: 7.447 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.21 min

Lab File: BF111951.D

Acq: 9 Jan 2019 16:05

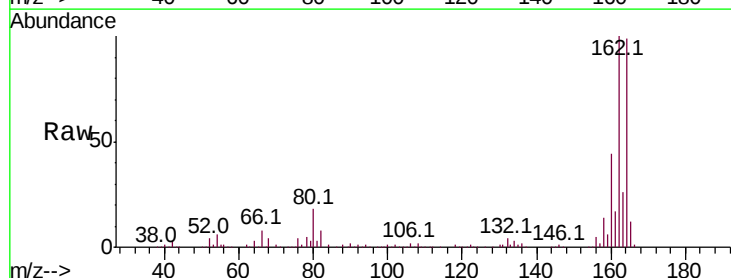
Tgt Ion:165 Resp: 29429

Ion Ratio Lower Upper

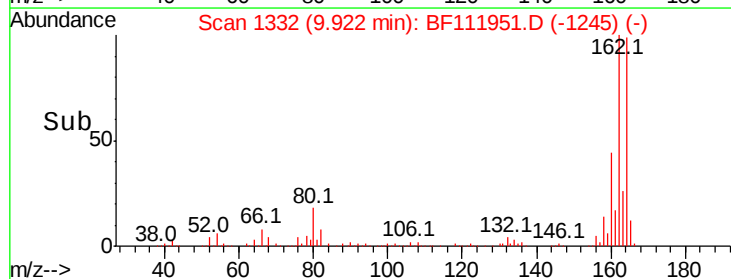
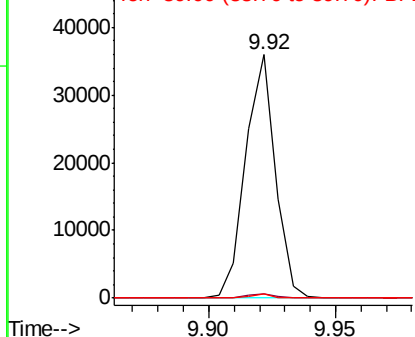
165 100

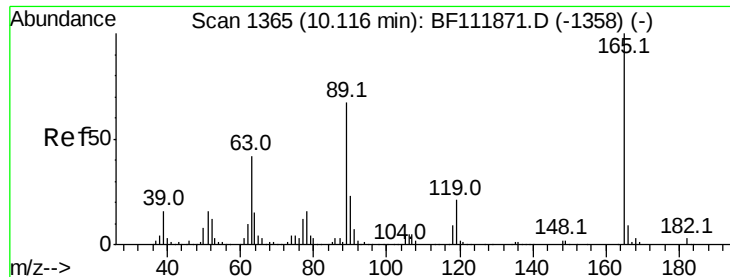
63 1.7 46.2 69.2#

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

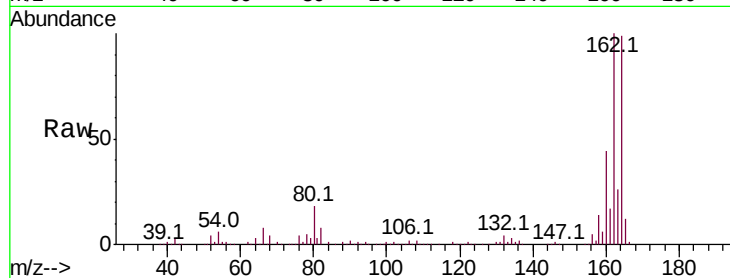




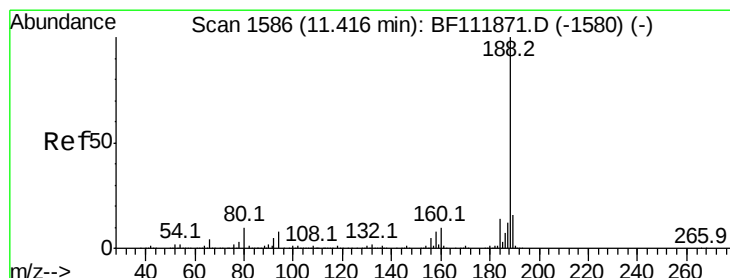
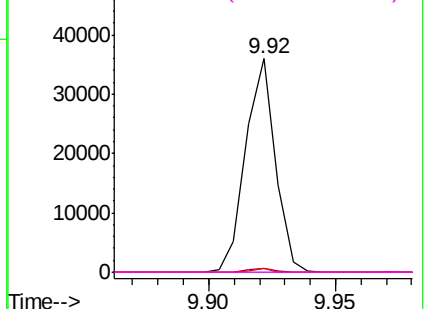
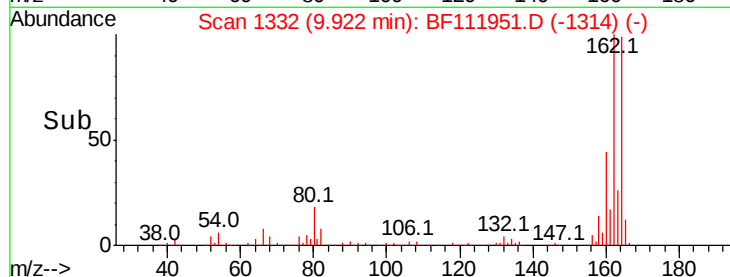
#57
2,4-Dinitrotoluene
Concen: 5.763 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.19 min
Lab File: BF111951.D
Acq: 9 Jan 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 29429
Ion Ratio Lower Upper
165 100
63 1.7 34.1 51.1#
89 1.5 53.5 80.3#
182 0.0 2.0 3.0#

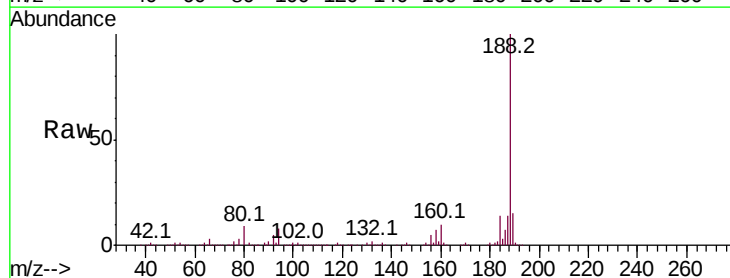


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

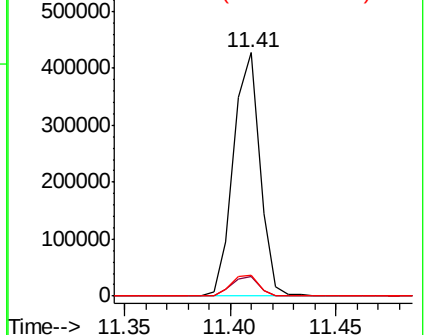
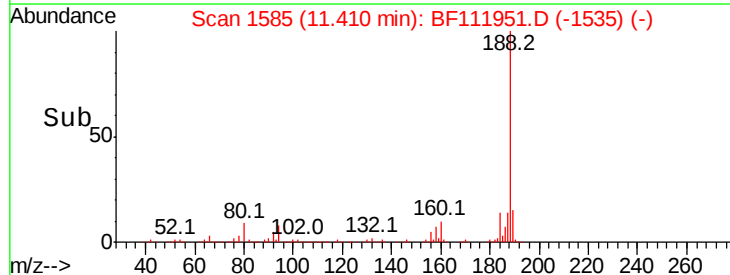


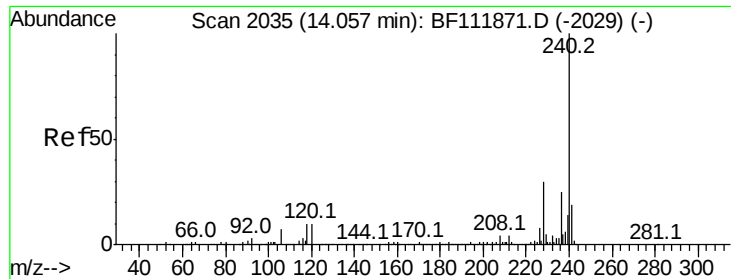
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111951.D
Acq: 9 Jan 2019 16:05

Tgt Ion:188 Resp: 371134
Ion Ratio Lower Upper
188 100
94 7.9 6.6 10.0
80 8.7 7.7 11.5



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

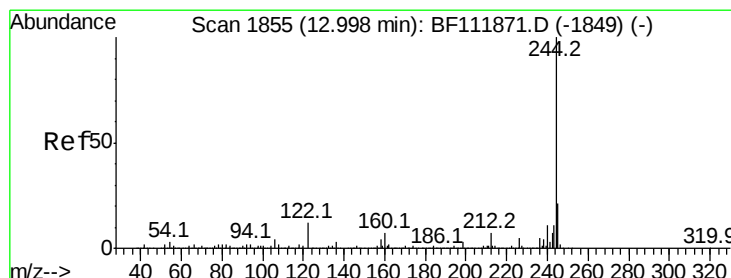
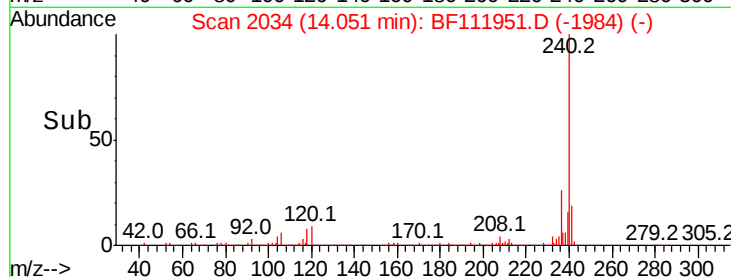
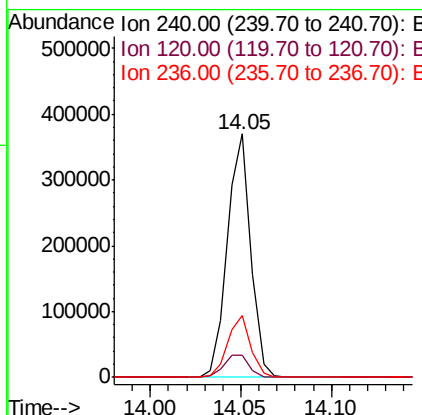
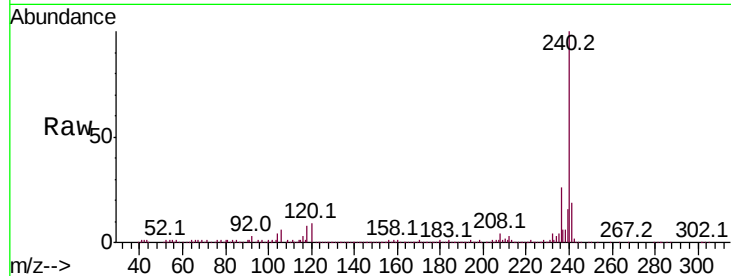




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF111951.D
 Acq: 9 Jan 2019 16:05

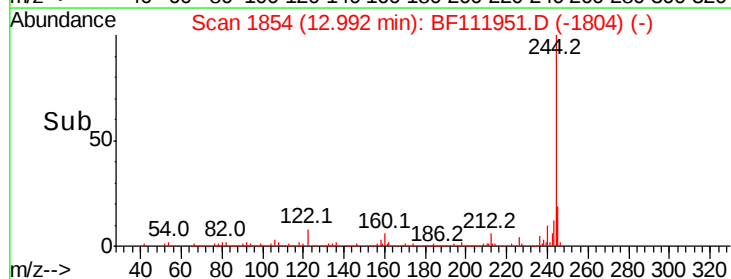
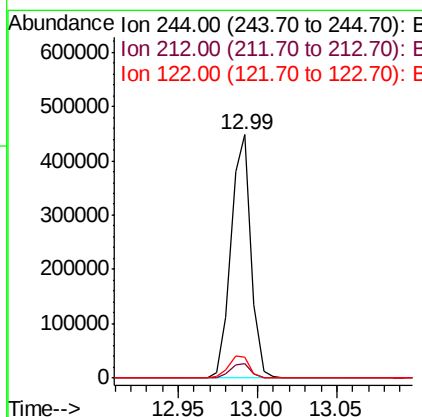
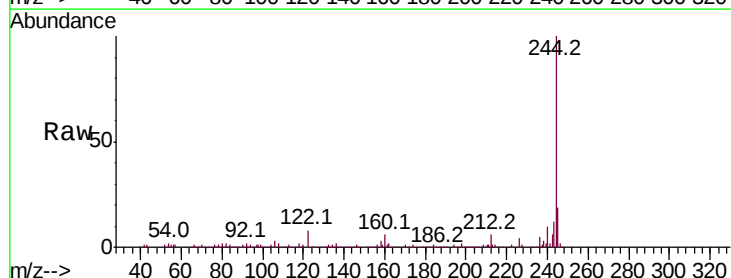
Instrument :
 BNA_F
 ClientSampleId :

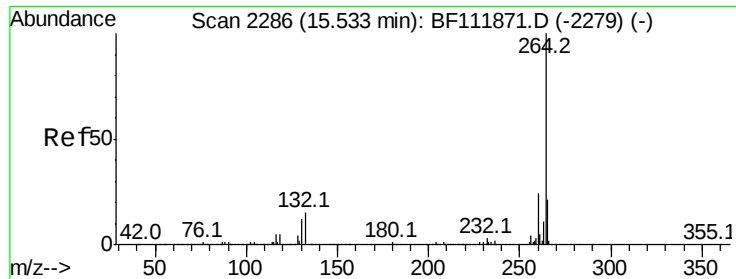
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.2	12.2
236	25.7	20.2	30.4



#79
 Terphenyl-d14
 Concen: 22.268 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF111951.D
 Acq: 9 Jan 2019 16:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	8.4	9.5	14.3#





#87
Pervlène-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF111951.D
Acq: 9 Jan 2019 16:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.7	17.1	25.7

