

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110335.D
 Acq On : 31 Oct 2018 16:20
 Operator : JU/SJ
 Sample : J5202-15 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 16:49:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

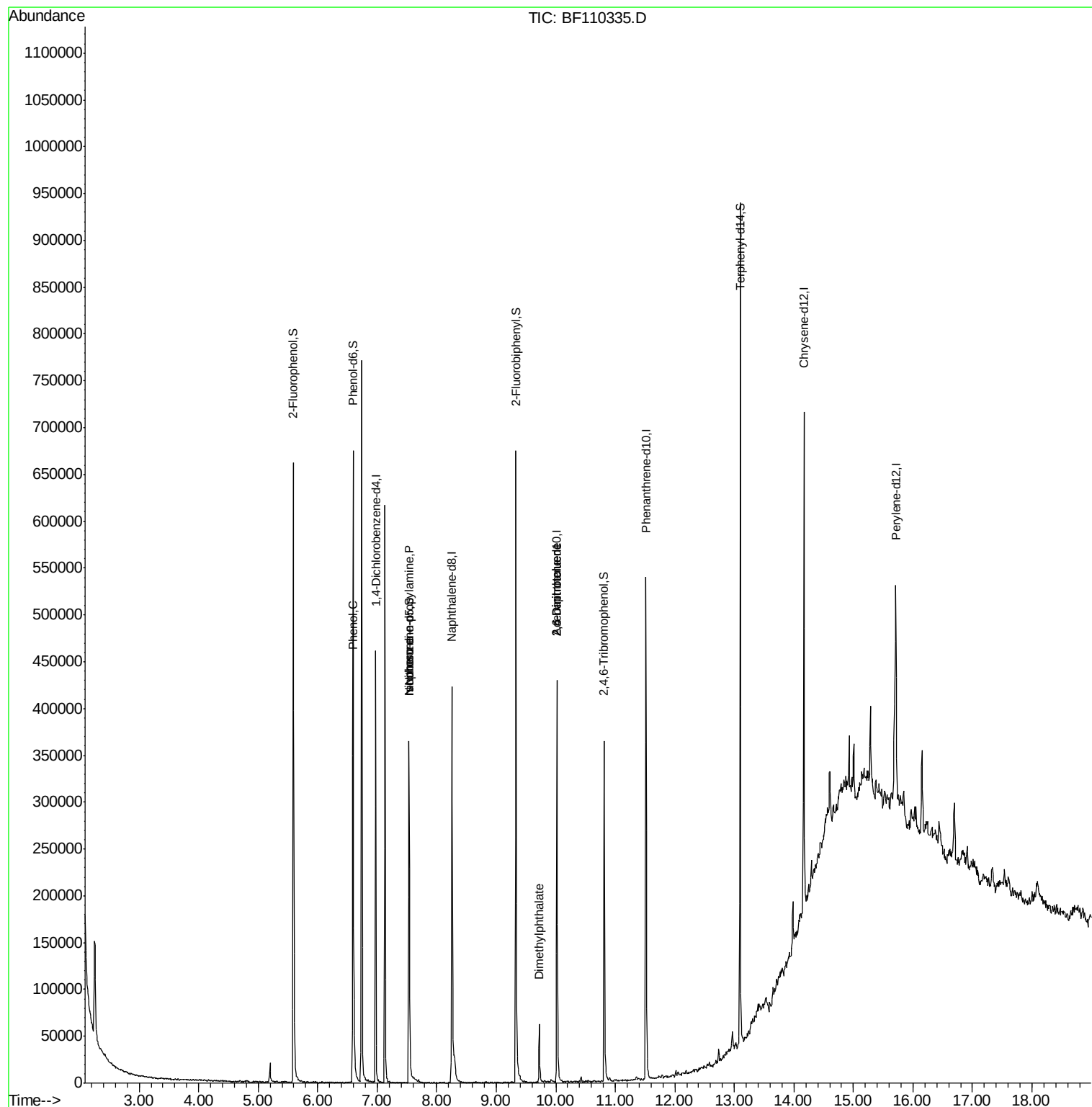
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	63851	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	238668	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	102036	20.00	ng	0.00
64) Phenanthrene-d10	11.52	188	204197	20.00	ng	0.00
76) Chrysene-d12	14.17	240	181882	20.00	ng	0.00
87) Perylene-d12	15.71	264	114987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	190647	48.62	ng	0.00
7) Phenol-d6	6.59	99	224718	44.81	ng	-0.01
23) Nitrobenzene-d5	7.53	82	126741	31.50	ng	0.00
42) 2,4,6-Tribromophenol	10.82	330	48861	48.34	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	243460	37.47	ng	0.00
79) Terphenyl-d14	13.10	244	266404	30.46	ng	0.00
Target Compounds						
10) Phenol	6.60	94	14153	2.640	ng	# 76
19) n-Nitroso-di-n-propylamine	7.53	70	16652	5.175	ng	# 81
25) Isophorone	7.53	82	126738	18.477	ng	# 67
50) Dimethylphthalate	9.72	163	29803	3.957	ng	# 98
51) 2,6-Dinitrotoluene	10.02	165	12601	7.767	ng	# 21
57) 2,4-Dinitrotoluene	10.02	165	12601	6.115	ng	# 17
77) Benzidine	13.10	184	3572	Below Cal		# 95

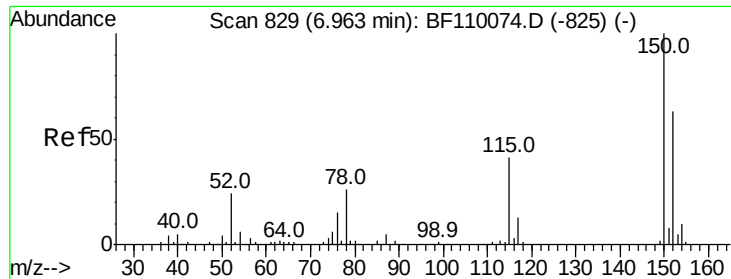
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 31 14:18:16 2018
Response via : Initial Calibration



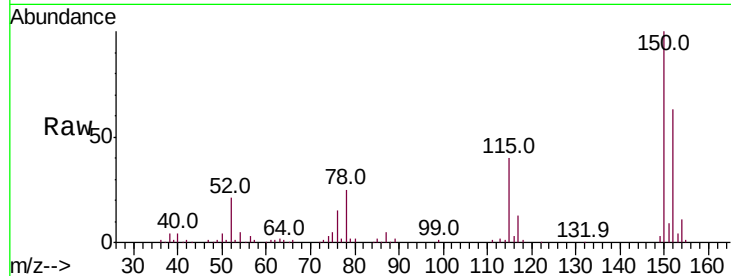


#1

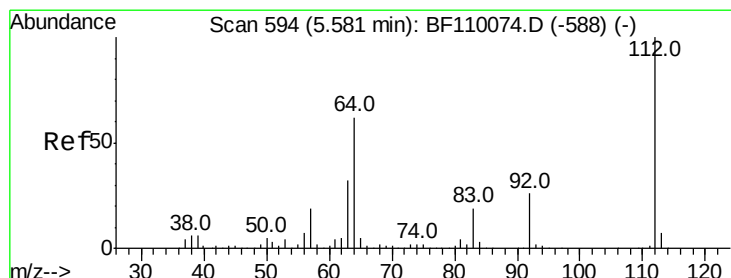
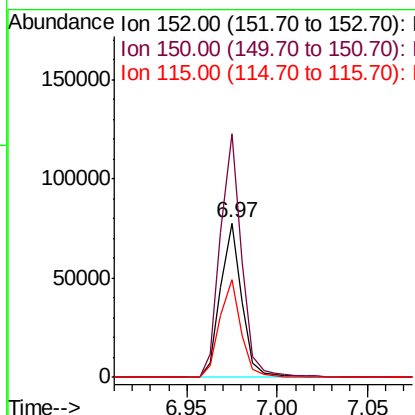
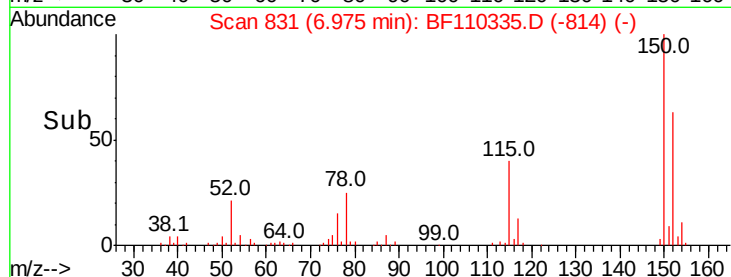
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF110335.D
 Acq: 31 Oct 2018 16:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 63851
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.7 184.1
 115 63.2 49.1 73.7



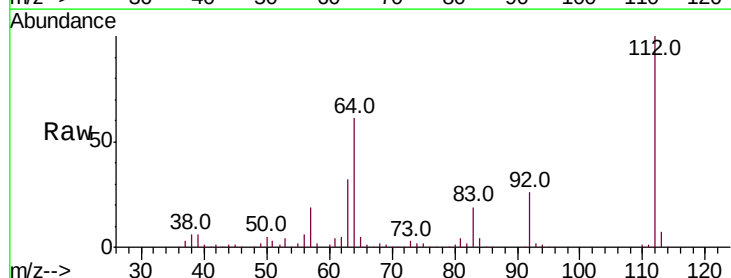
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



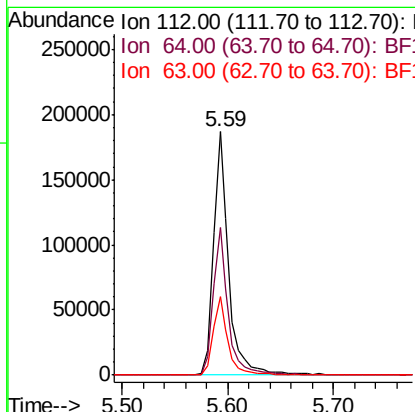
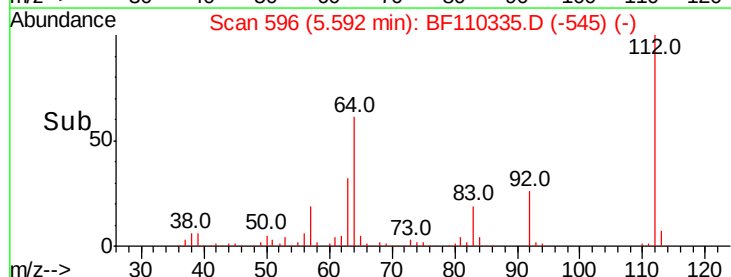
#5

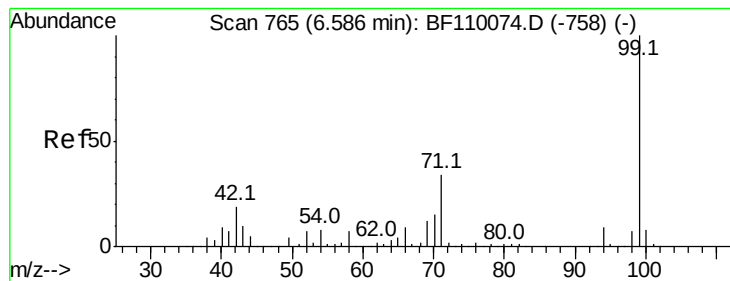
2-Fluorophenol
 Concen: 48.622 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF110335.D
 Acq: 31 Oct 2018 16:20

Tgt Ion:112 Resp: 190647
 Ion Ratio Lower Upper
 112 100
 64 60.5 44.1 66.1
 63 32.2 23.7 35.5



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: 44.807 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110335.D

Acq: 31 Oct 2018 16:20

Instrument :

BNA_F

ClientSampleId :

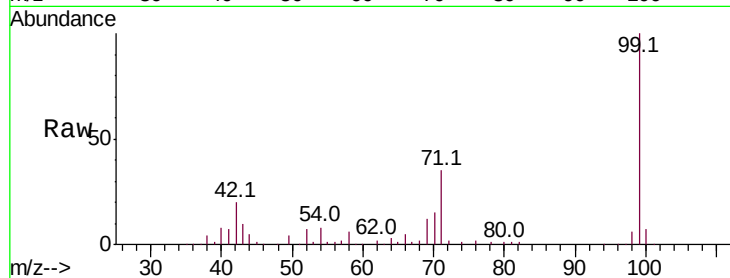
Tot Ion: 99 Resp: 224718

Ion Ratio Lower Upper

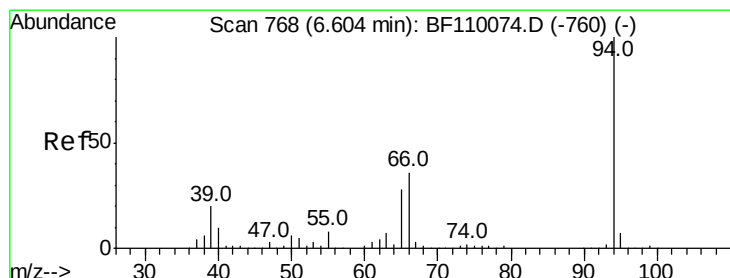
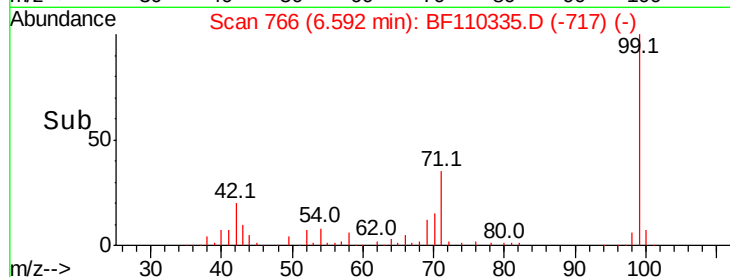
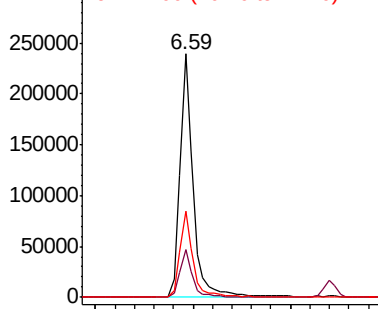
99 100

42 19.8 15.8 23.6

71 35.3 28.0 42.0



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: 2.640 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF110335.D

Acq: 31 Oct 2018 16:20

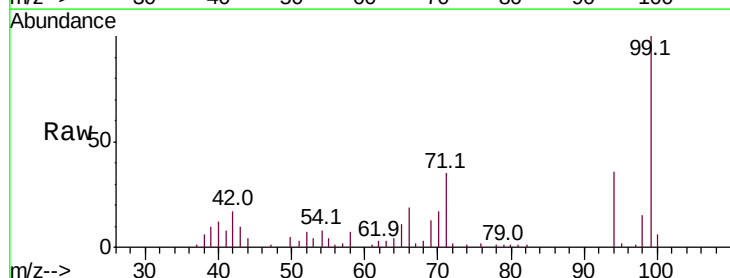
Tgt Ion: 94 Resp: 14153

Ion Ratio Lower Upper

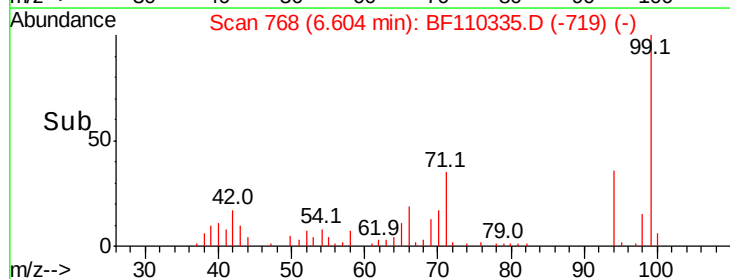
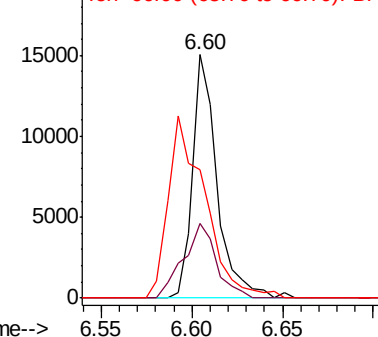
94 100

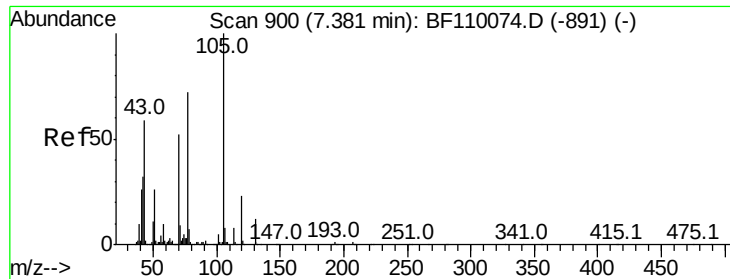
65 30.8 25.3 65.3

66 52.6 54.5 94.5#



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

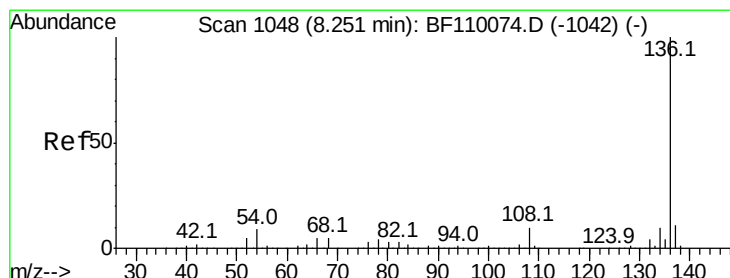
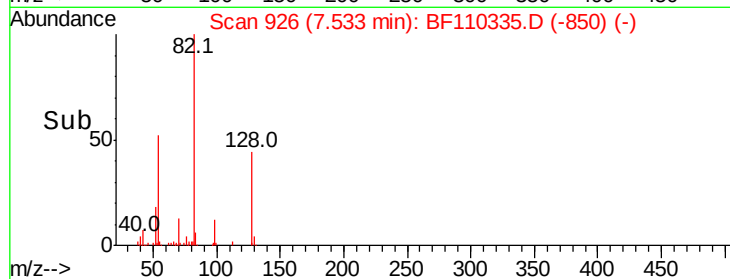
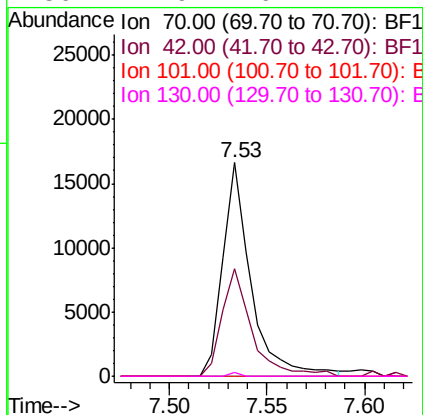
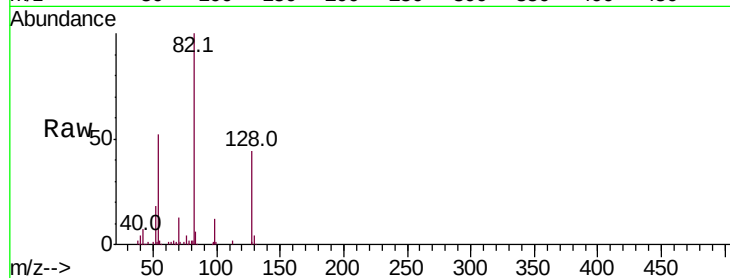




#19
n-Nitroso-di-n-propylamine
Concen: 5.175 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF110335.D
Acq: 31 Oct 2018 16:20

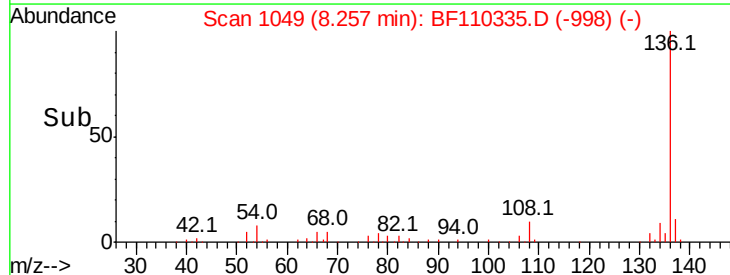
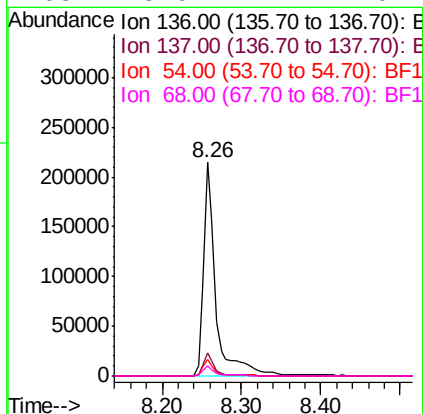
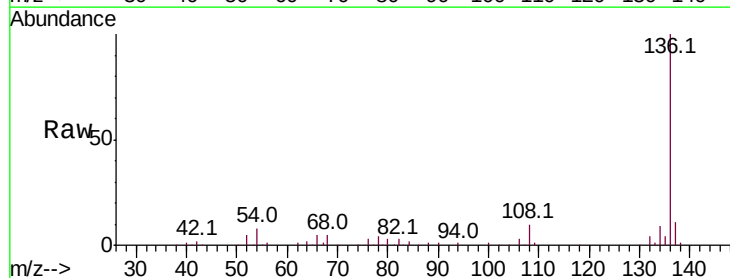
Instrument :
BNA_F
ClientSampled :

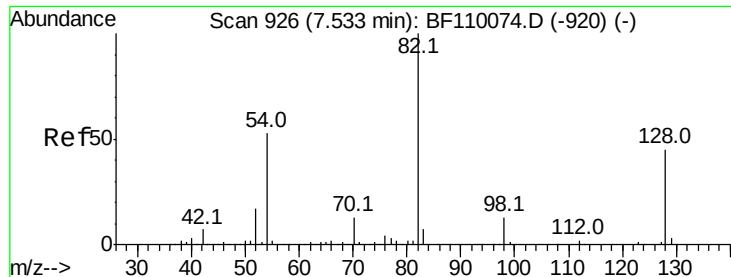
Tot Ion: 70 Resp: 16652
Ion Ratio Lower Upper
70 100
42 50.6 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BF110335.D
Acq: 31 Oct 2018 16:20

Tgt Ion:136 Resp: 238668
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.8 5.4 8.2
68 5.0 4.2 6.2

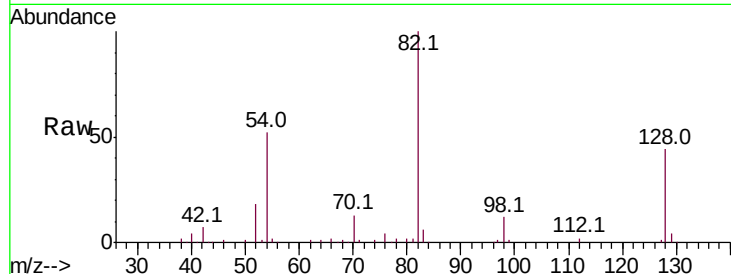




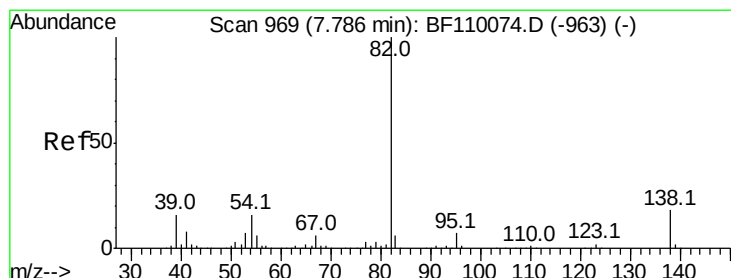
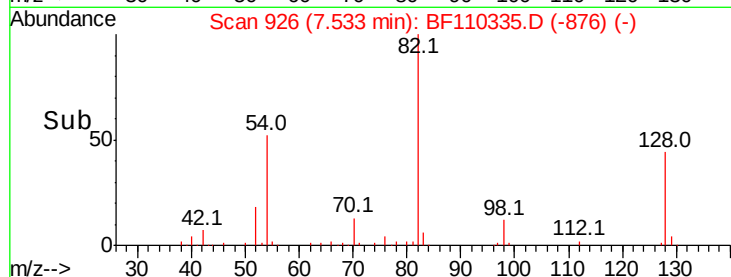
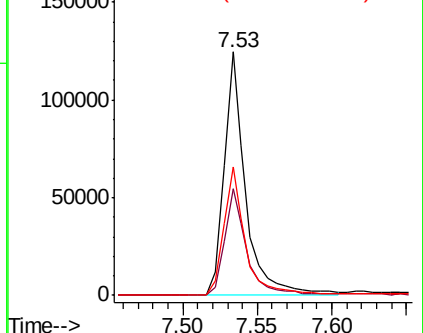
#23
Nitrobenzene-d5
Concen: 31.497 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF110335.D
Acq: 31 Oct 2018 16:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	34.2	51.2
54	52.5	38.6	58.0

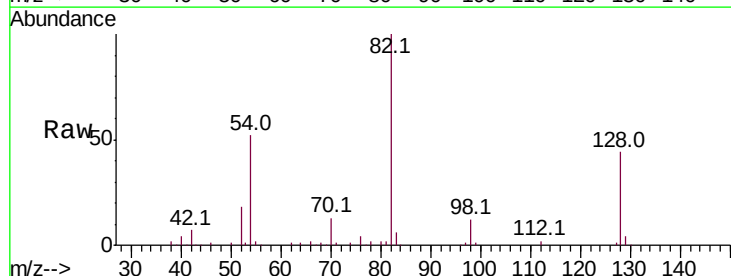


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

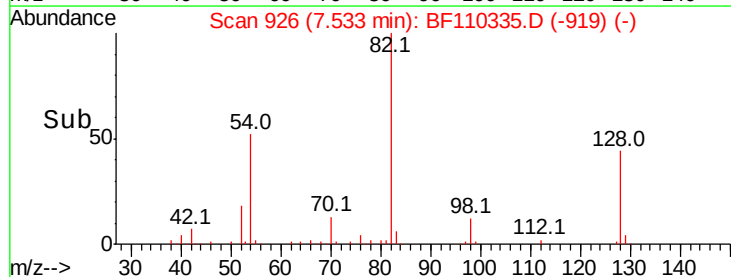
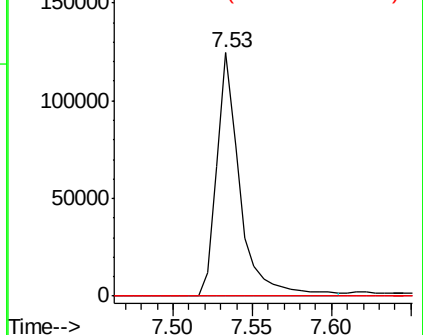


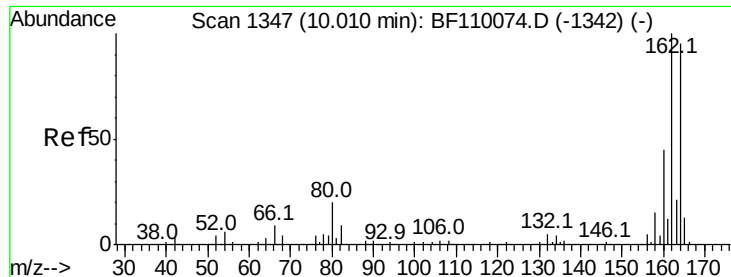
#25
Isophorone
Concen: 18.477 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF110335.D
Acq: 31 Oct 2018 16:20

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

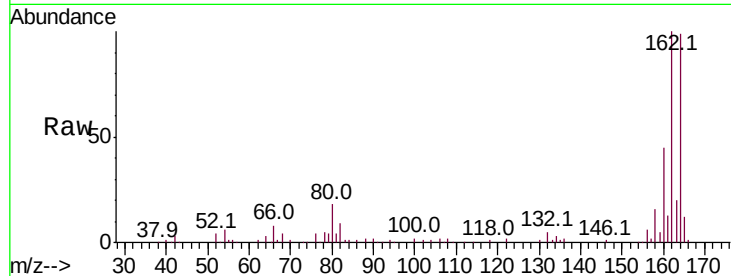




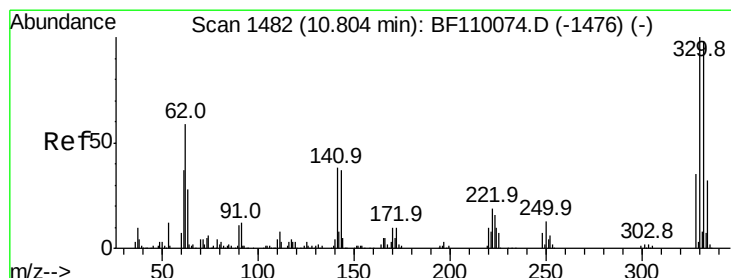
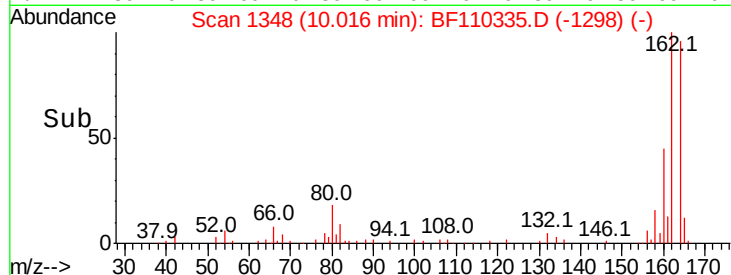
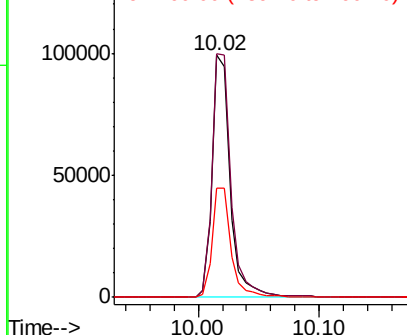
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF110335.D
Acq: 31 Oct 2018 16:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 102036
Ion Ratio Lower Upper
164 100
162 100.7 83.0 124.6
160 45.4 37.0 55.6

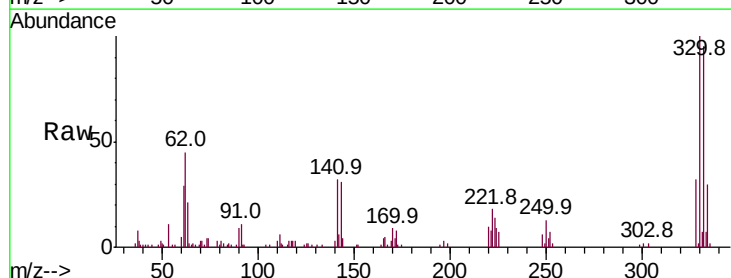


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

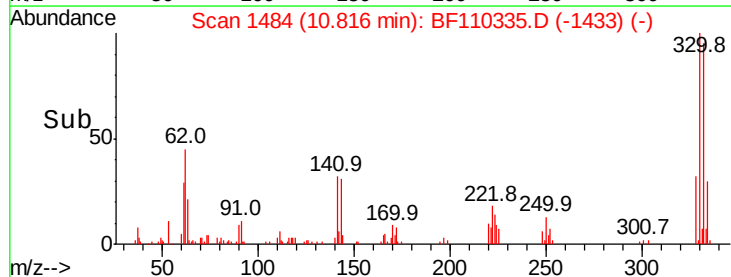
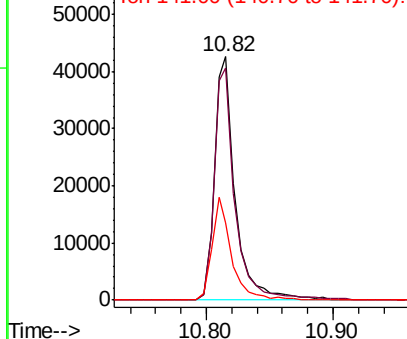


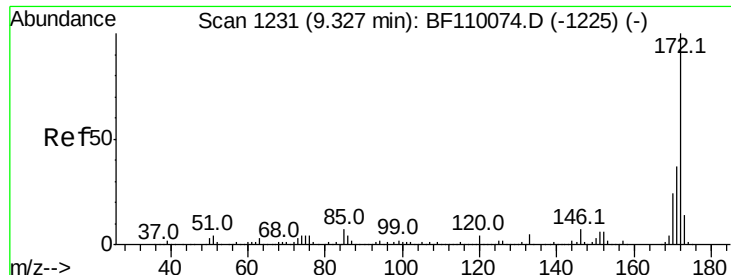
#42
2,4,6-Tribromophenol
Concen: 48.342 ng
RT: 10.82 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BF110335.D
Acq: 31 Oct 2018 16:20

Tgt Ion:330 Resp: 48861
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 39.7 27.0 40.4



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

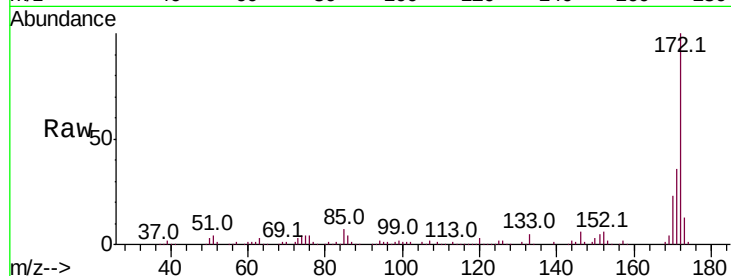




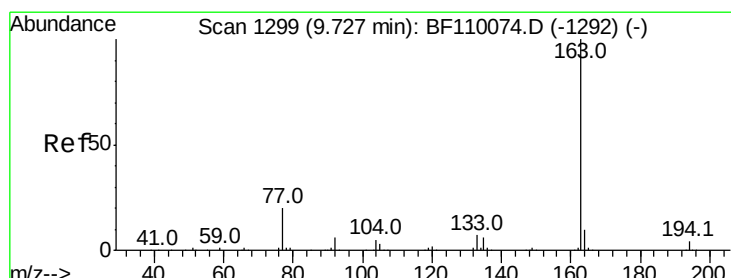
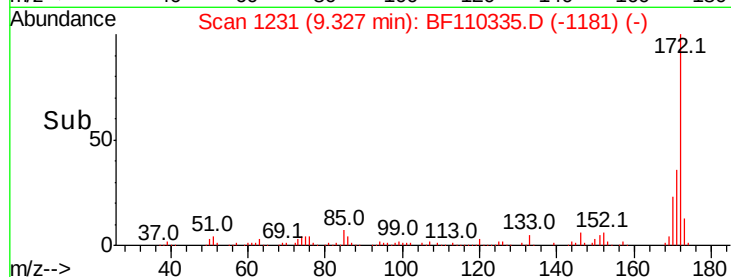
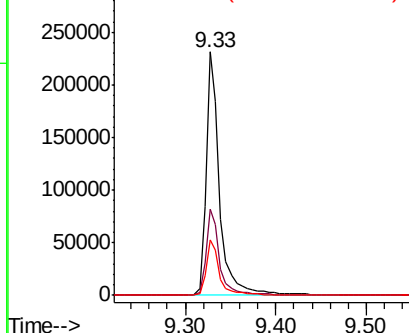
#45
2-Fluorobiphenyl
Concen: 37.467 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110335.D
Acq: 31 Oct 2018 16:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 243460
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 22.8 19.7 29.5

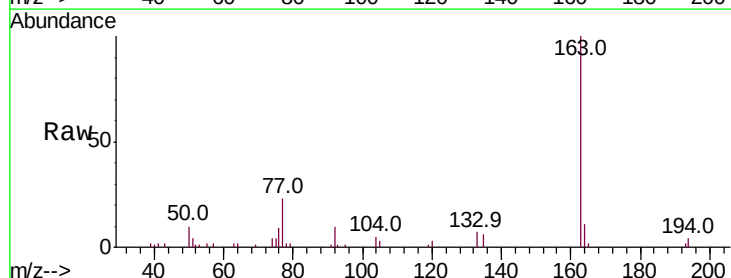


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

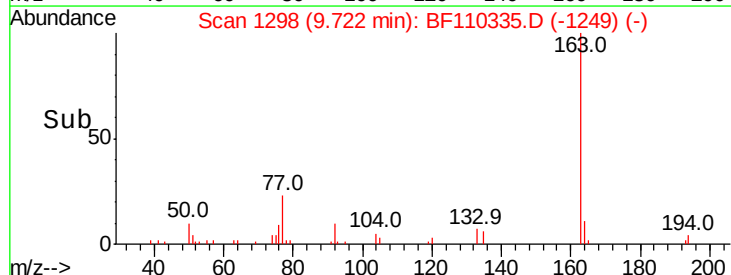
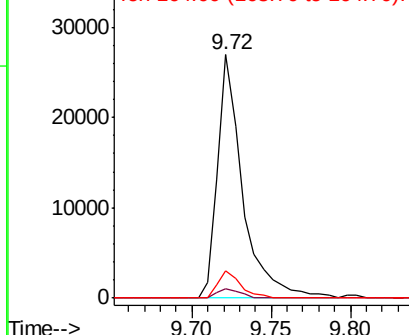


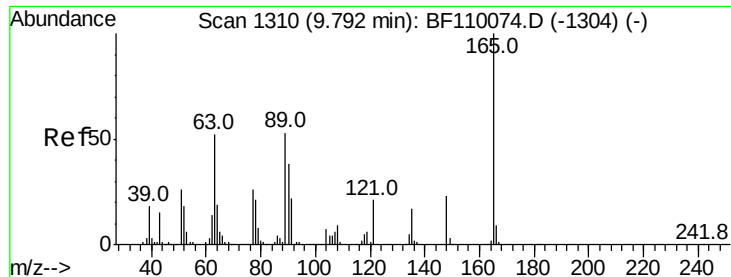
#50
Dimethylphthalate
Concen: 3.957 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF110335.D
Acq: 31 Oct 2018 16:20

Tgt Ion:163 Resp: 29803
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 11.0 8.1 12.1



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

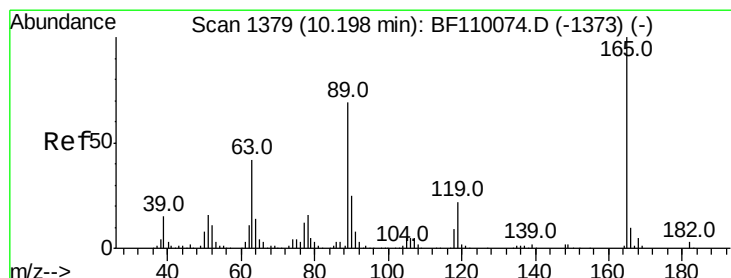
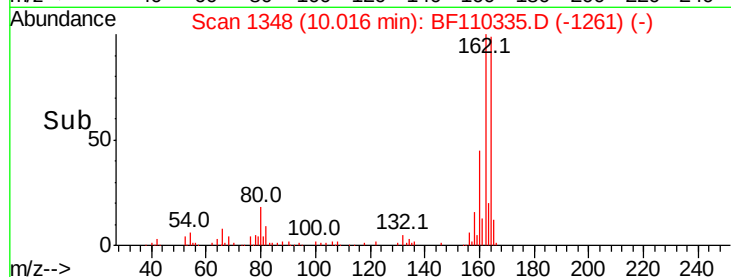
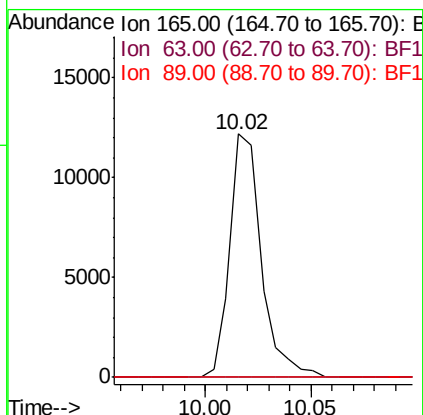
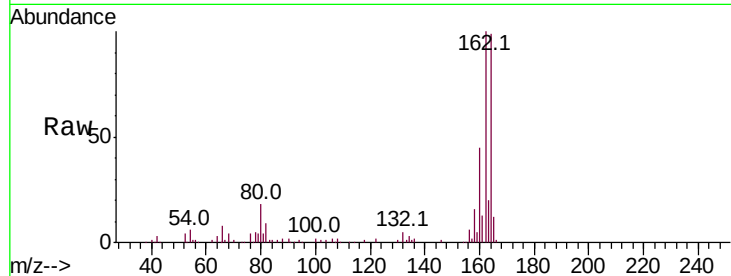




#51
 2,6-Dinitrotoluene
 Concen: 7.767 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.21 min
 Lab File: BF110335.D
 Acq: 31 Oct 2018 16:20

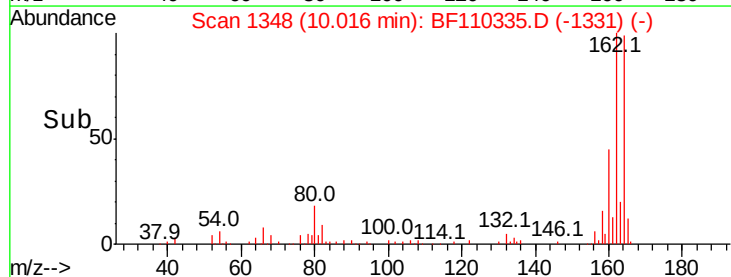
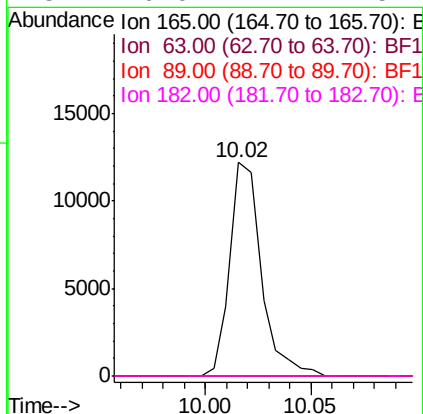
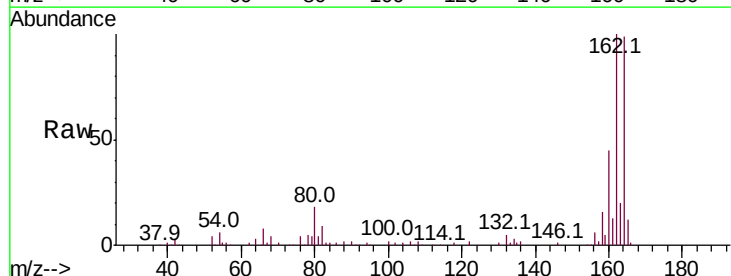
Instrument :
 BNA_F
 ClientSampleId :

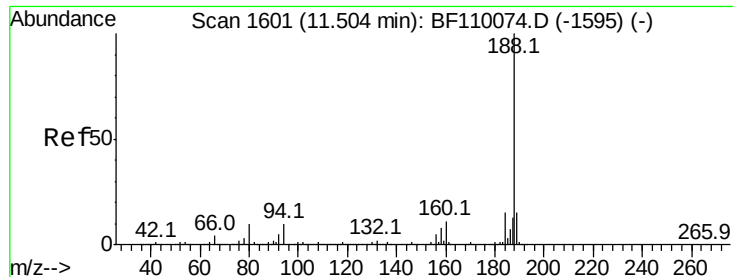
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.115 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.20 min
 Lab File: BF110335.D
 Acq: 31 Oct 2018 16:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BF110335.D

Acq: 31 Oct 2018 16:20

Instrument :

BNA_F

ClientSampleId :

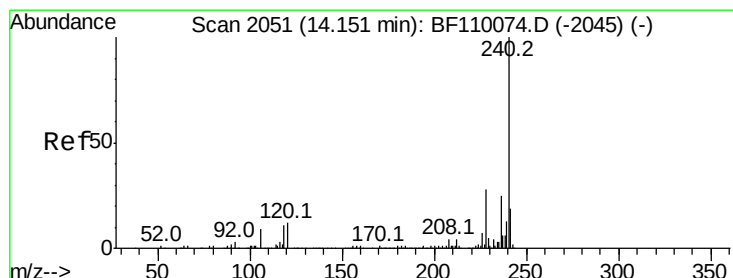
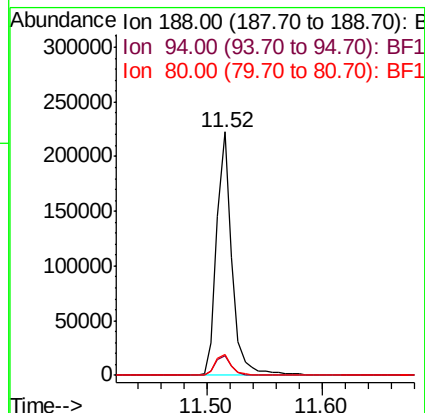
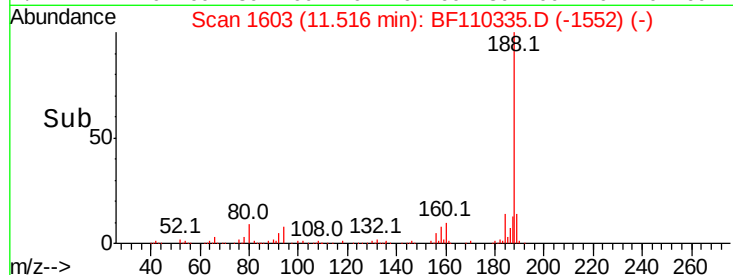
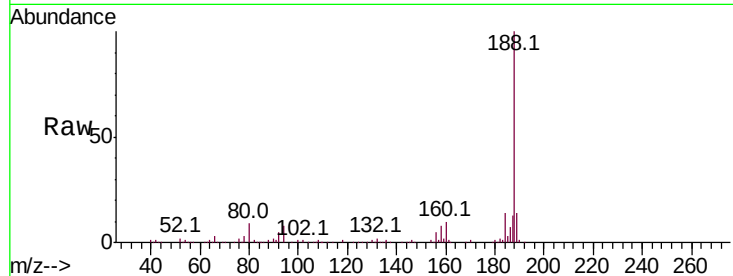
Tot Ion:188 Resp: 204197

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

80 8.7 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. 0.00 min

Lab File: BF110335.D

Acq: 31 Oct 2018 16:20

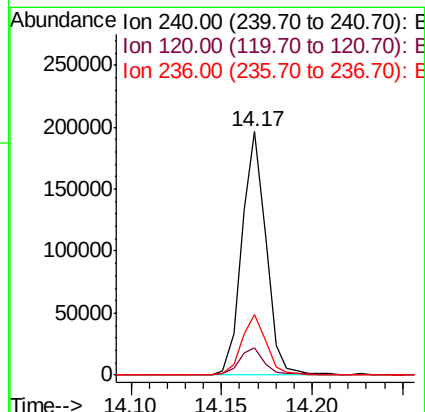
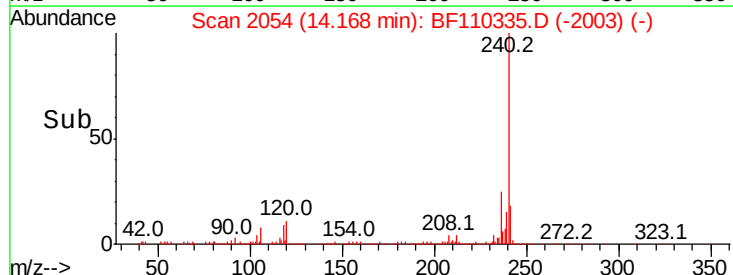
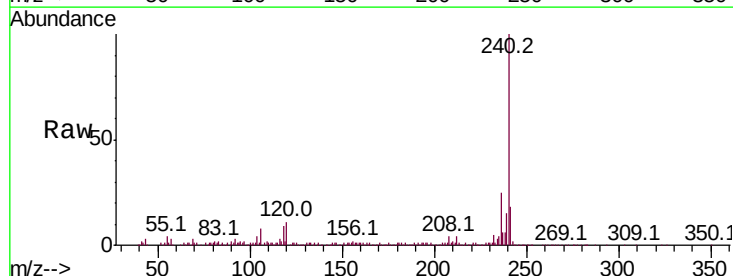
Tgt Ion:240 Resp: 181882

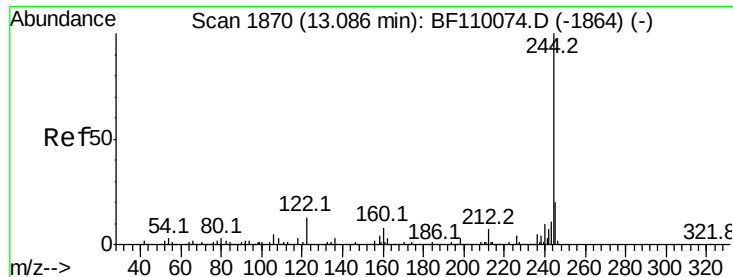
Ion Ratio Lower Upper

240 100

120 11.4 8.3 12.5

236 24.9 21.2 31.8





#79

Terphenyl-d14

Concen: 30.462 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110335.D

Acq: 31 Oct 2018 16:20

Instrument :

BNA_F

ClientSampleId :

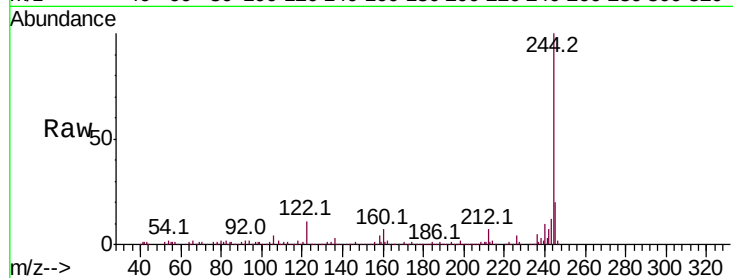
Tot Ion:244 Resp: 266404

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

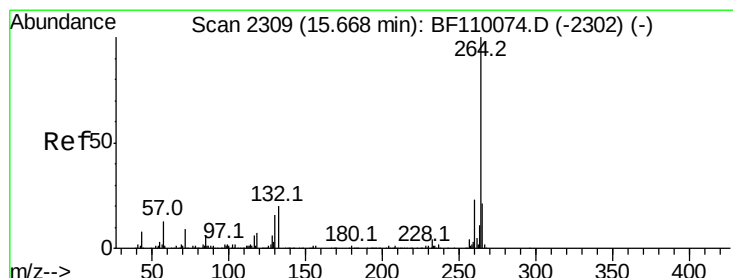
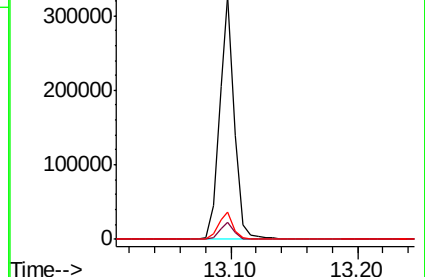
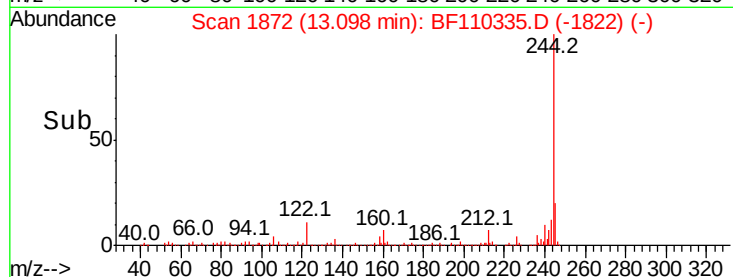
122 11.1 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2316

Delta R.T. 0.01 min

Lab File: BF110335.D

Acq: 31 Oct 2018 16:20

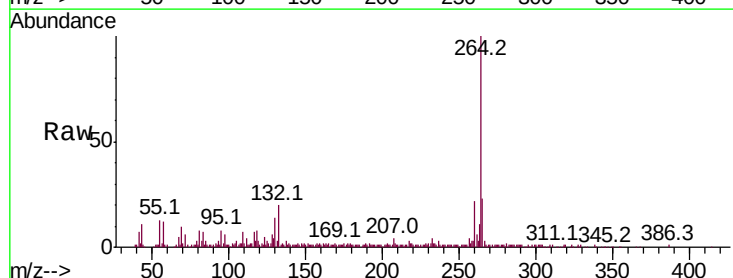
Tgt Ion:264 Resp: 114987

Ion Ratio Lower Upper

264 100

260 22.2 18.7 28.1

265 22.9 16.7 25.1



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

