

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110367.D
 Acq On : 1 Nov 2018 14:34
 Operator : JU/SJ
 Sample : J5741-43
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 15:53:13 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

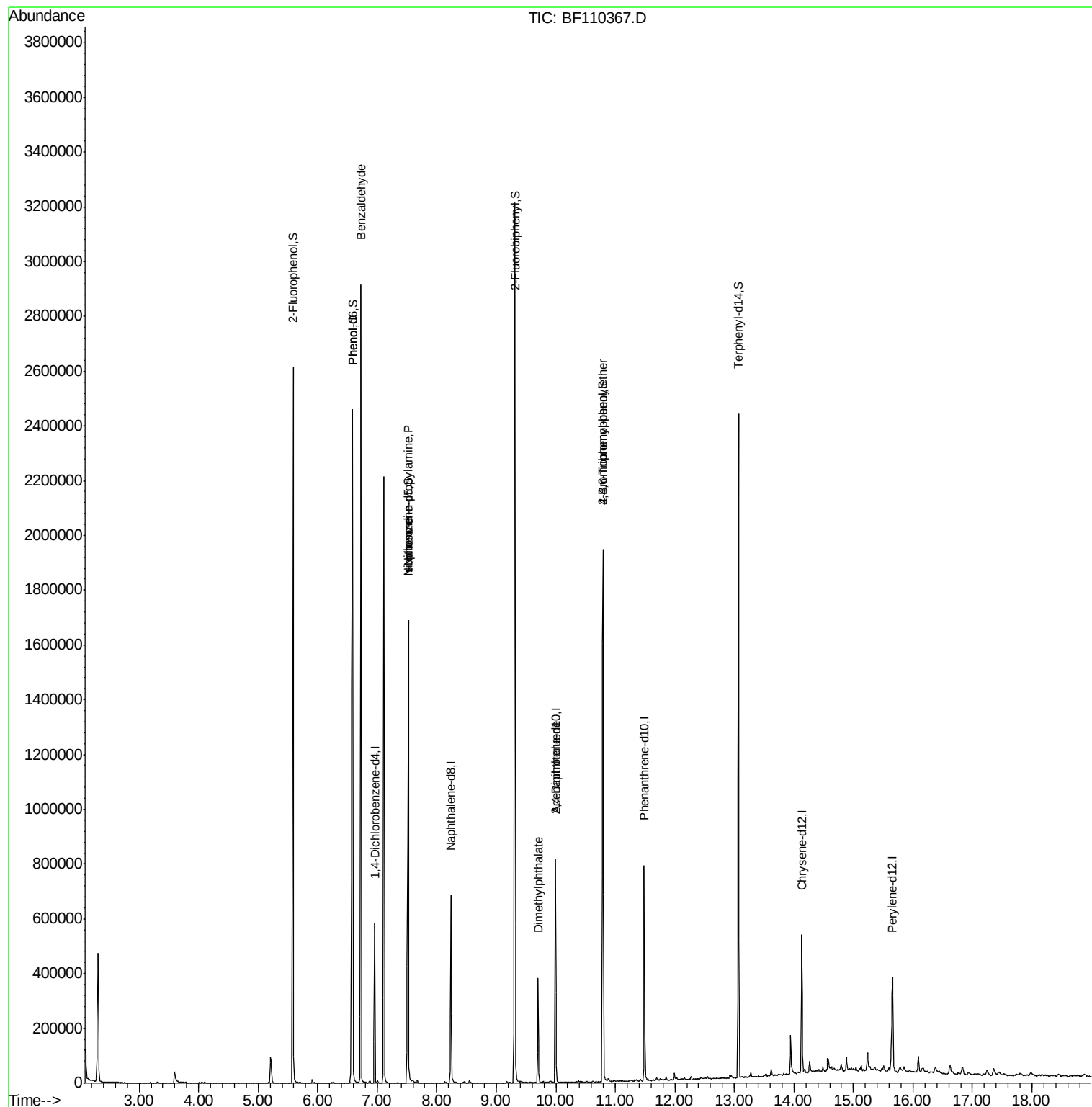
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	88701	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	358487	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	167916	20.00	ng	-0.02
64) Phenanthrene-d10	11.49	188	297864	20.00	ng	-0.03
76) Chrysene-d12	14.13	240	157894	20.00	ng	-0.04
87) Perylene-d12	15.66	264	165168	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	763782	140.22	ng	0.00
7) Phenol-d6	6.59	99	960825	137.91	ng	-0.02
23) Nitrobenzene-d5	7.52	82	618538	102.34	ng	-0.02
42) 2,4,6-Tribromophenol	10.79	330	233538	140.40	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1115589	104.32	ng	-0.02
79) Terphenyl-d14	13.07	244	840276	110.68	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.73	77	18857	3.036	ng	82
10) Phenol	6.59	94	58169	7.811	ng	82
19) n-Nitroso-di-n-propylamine	7.52	70	83614	18.707	ng	# 81
25) Isophorone	7.52	82	618534	60.037	ng	# 67
50) Dimethylphthalate	9.70	163	172835	13.944	ng	99
57) 2,4-Dinitrotoluene	10.00	165	21252	6.267	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	15071	4.665	ng	# 1

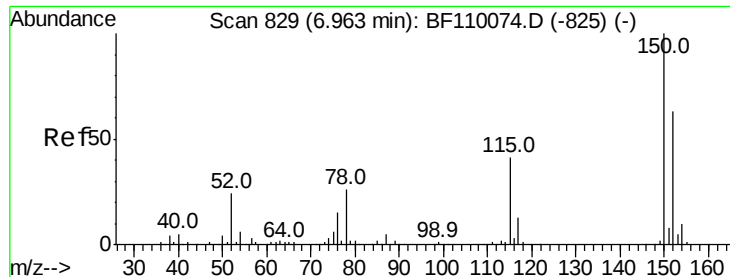
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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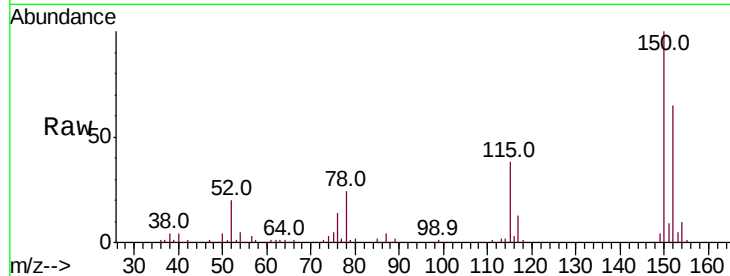


#1

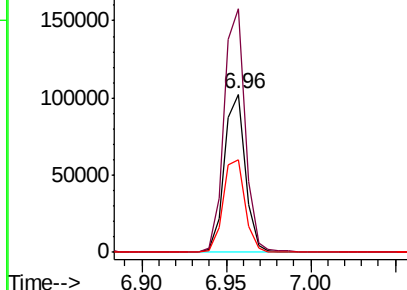
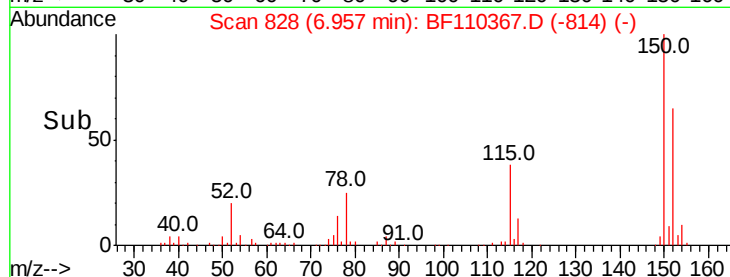
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88701
Ion Ratio Lower Upper
152 100
150 153.7 122.7 184.1
115 58.4 49.1 73.7



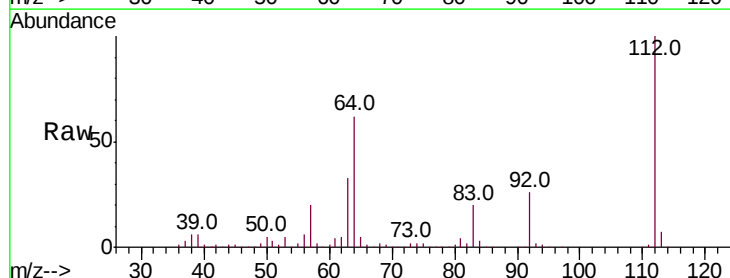
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



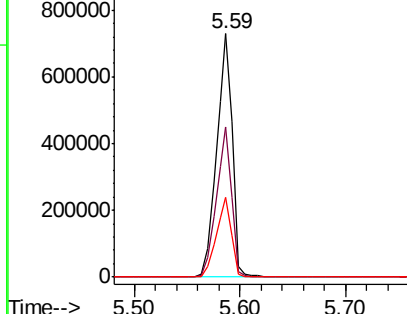
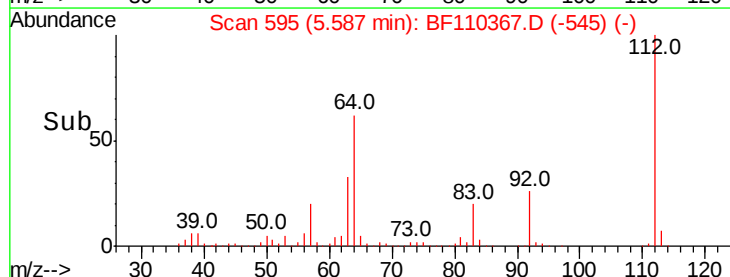
#5

2-Fluorophenol
Concen: 140.222 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion:112 Resp: 763782
Ion Ratio Lower Upper
112 100
64 61.8 44.1 66.1
63 32.6 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: 137.909 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110367.D

Acq: 1 Nov 2018 14:34

Instrument :

BNA_F

ClientSampleId :

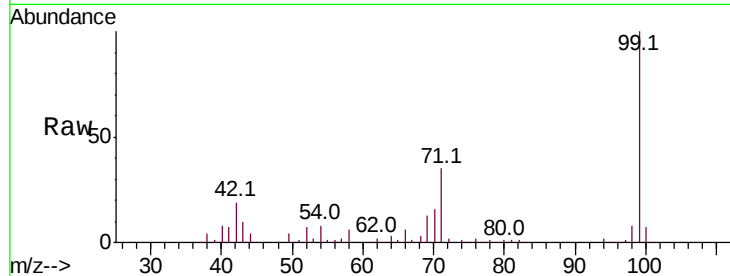
Tot Ion: 99 Resp: 960825

Ion Ratio Lower Upper

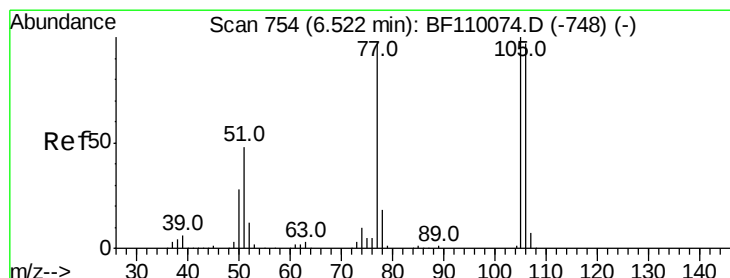
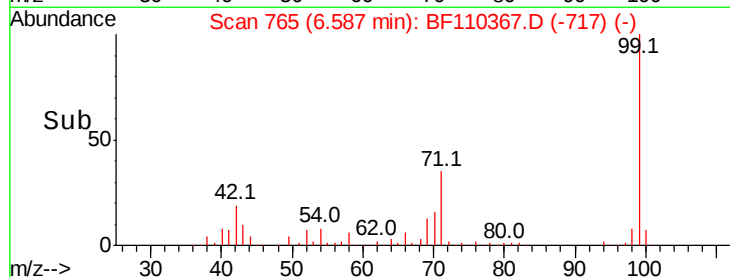
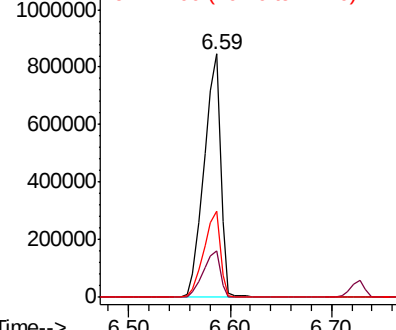
99 100

42 19.1 15.8 23.6

71 35.4 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



#9

Benzaldehyde

Concen: 3.036 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.20 min

Lab File: BF110367.D

Acq: 1 Nov 2018 14:34

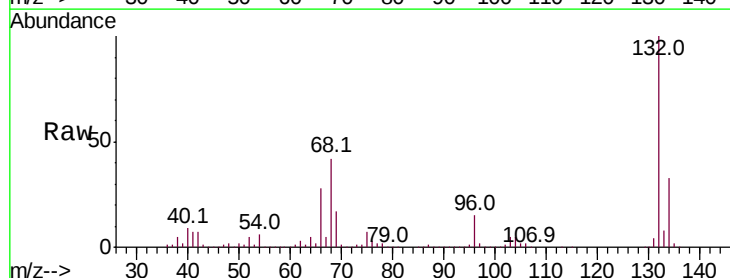
Tgt Ion: 77 Resp: 18857

Ion Ratio Lower Upper

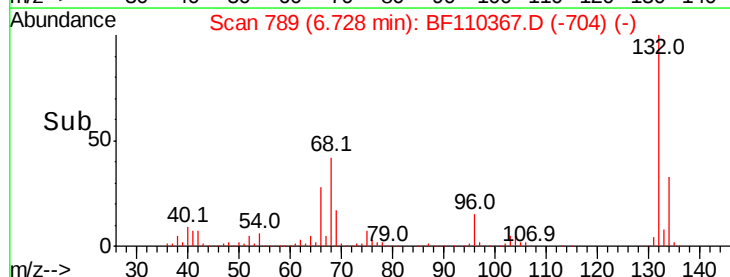
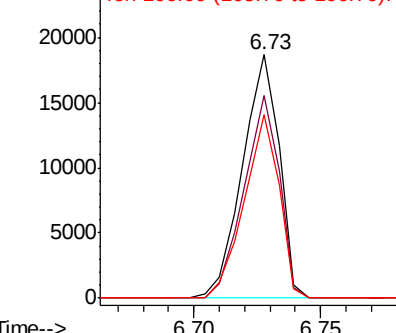
77 100

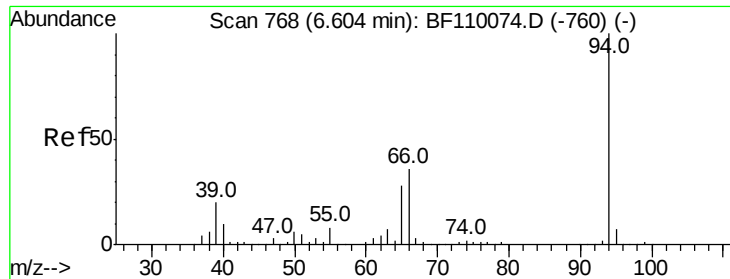
105 83.1 78.6 118.6

106 75.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

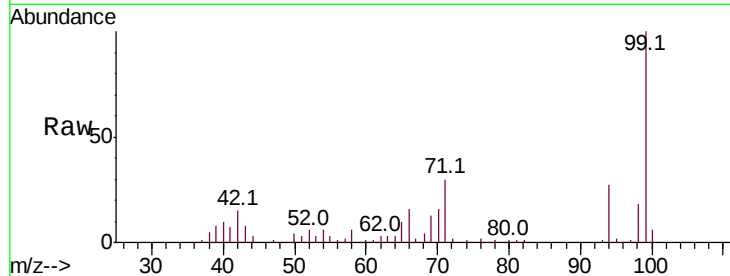




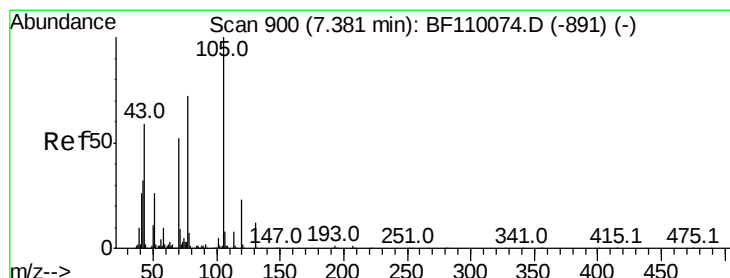
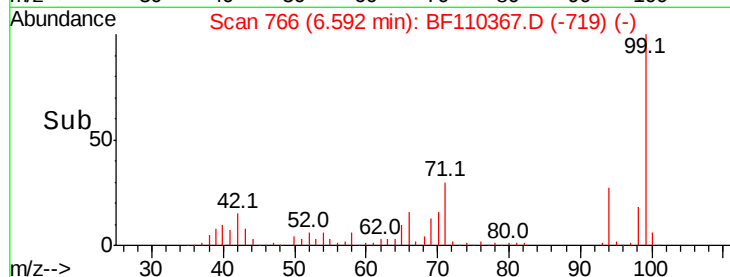
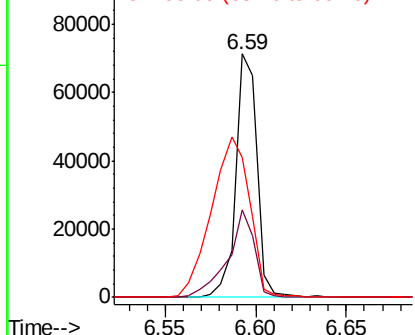
#10
Phenol
Concen: 7.811 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 58169
Ion Ratio Lower Upper
94 100
65 36.0 25.3 65.3
66 57.5 54.5 94.5

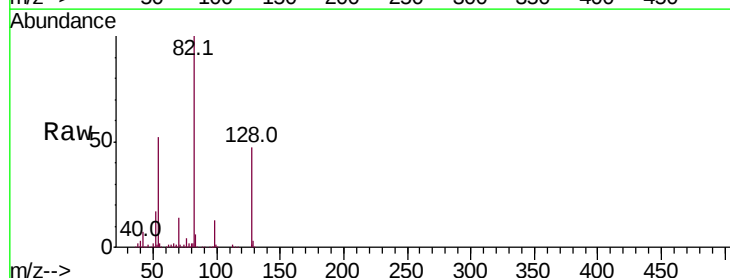


Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

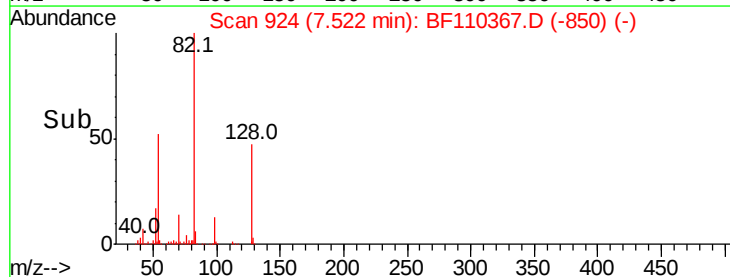
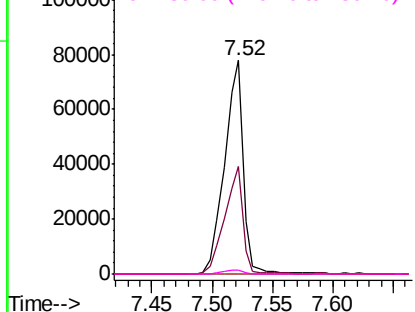


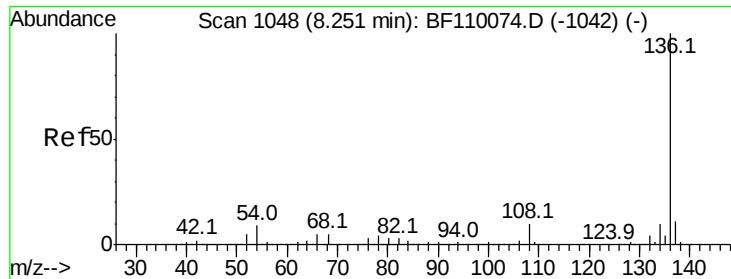
#19
n-Nitroso-di-n-propylamine
Concen: 18.707 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.14 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion: 70 Resp: 83614
Ion Ratio Lower Upper
70 100
42 50.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



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

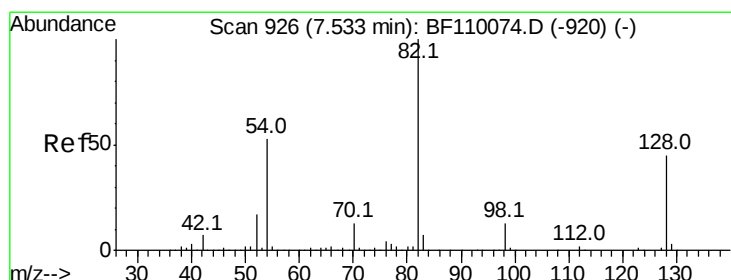
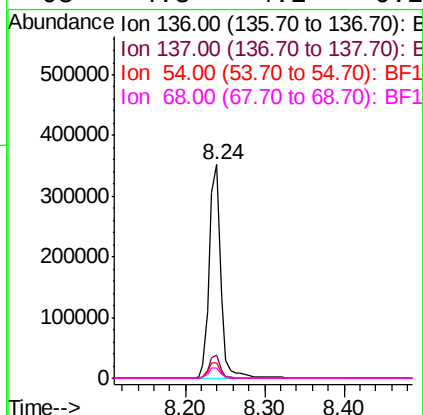
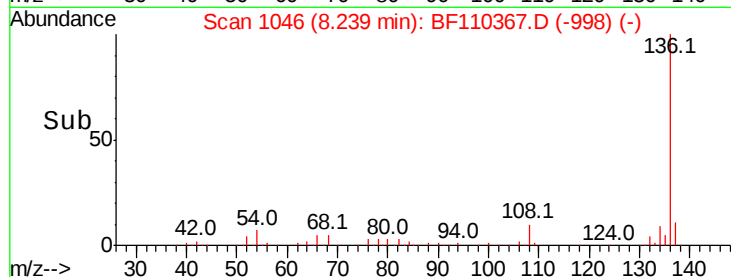
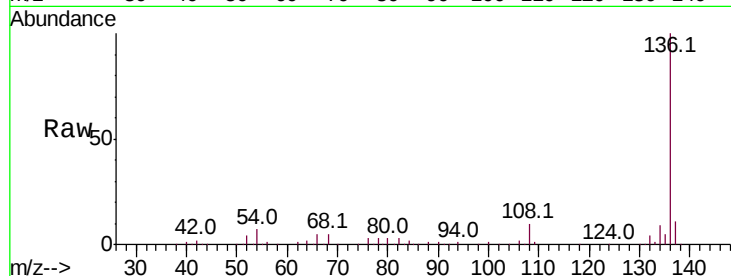




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

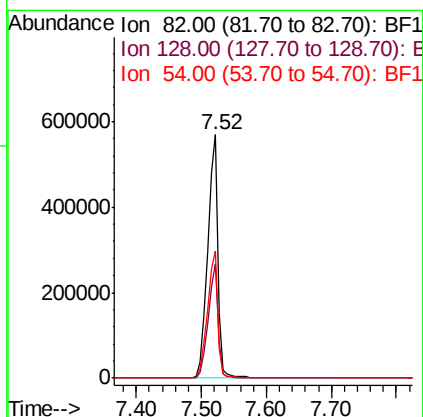
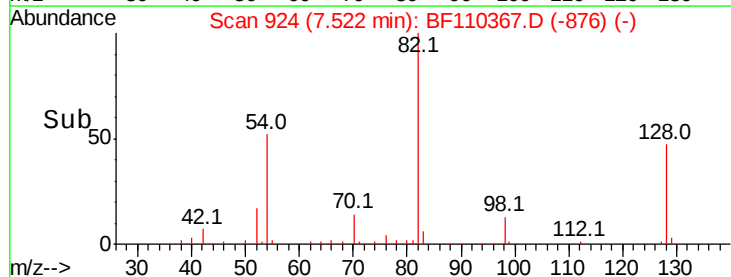
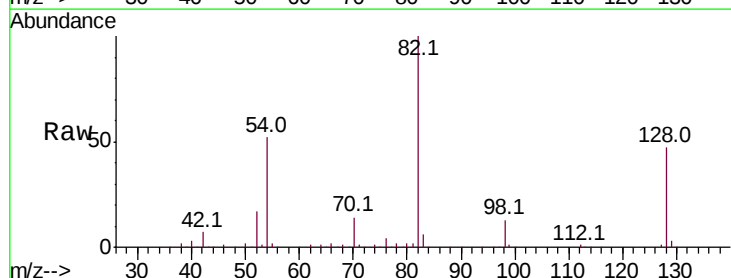
Instrument :
BNA_F
ClientSampleId :

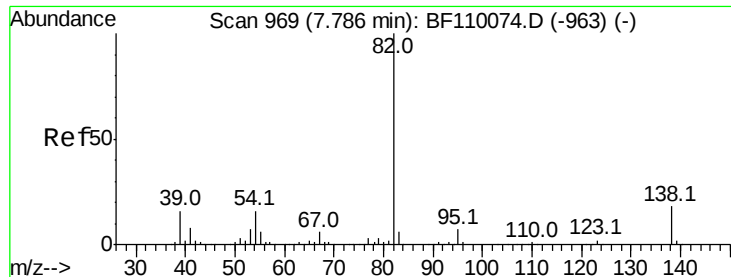
Tot Ion:	136	Resp:	358487
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.4	5.4	8.2
68	4.8	4.2	6.2



#23
Nitrobenzene-d5
Concen: 102.340 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion:	82	Resp:	618538
Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.2	51.2
54	52.2	38.6	58.0





#25

Isophorone

Concen: 60.037 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.27 min

Lab File: BF110367.D

Acq: 1 Nov 2018 14:34

Instrument :

BNA_F

ClientSampleId :

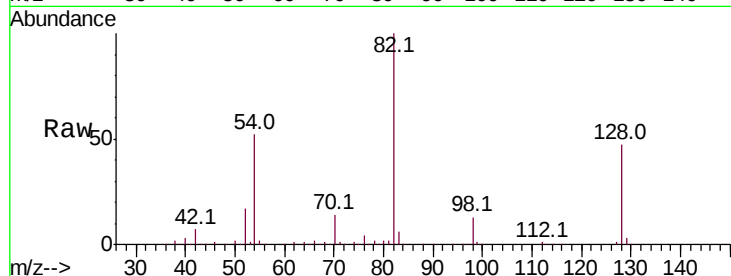
Tot Ion: 82 Resp: 618534

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

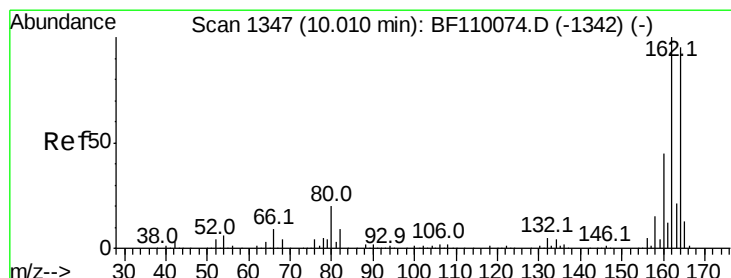
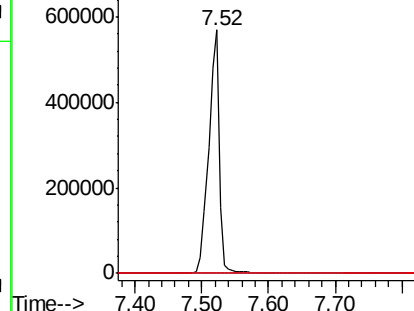
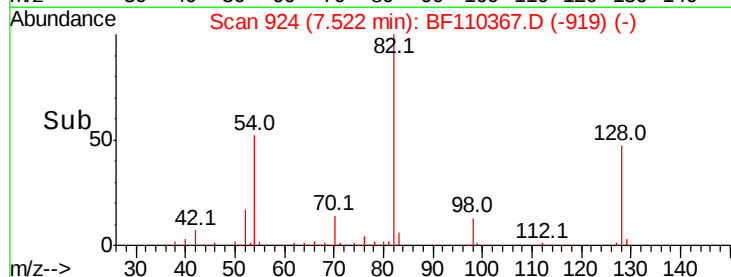
138 0.0 13.2 19.8#



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: 10.00 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BF110367.D

Acq: 1 Nov 2018 14:34

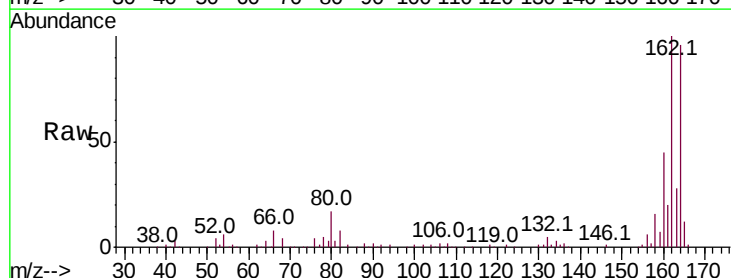
Tgt Ion:164 Resp: 167916

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.6

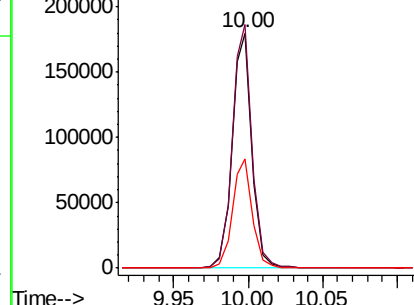
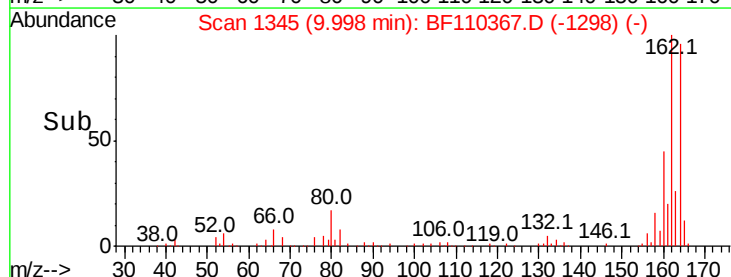
160 46.4 37.0 55.6

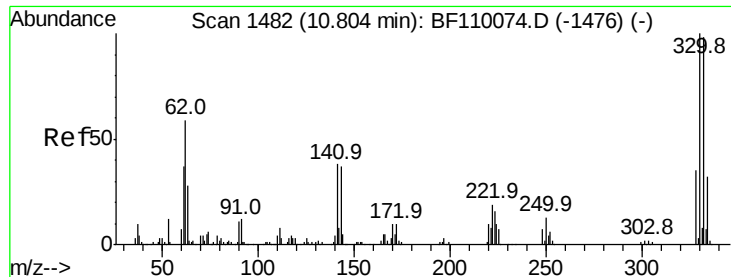


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

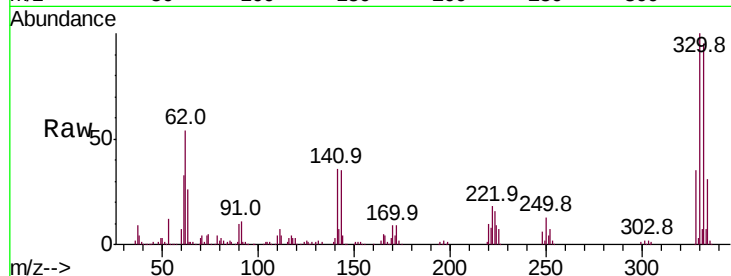




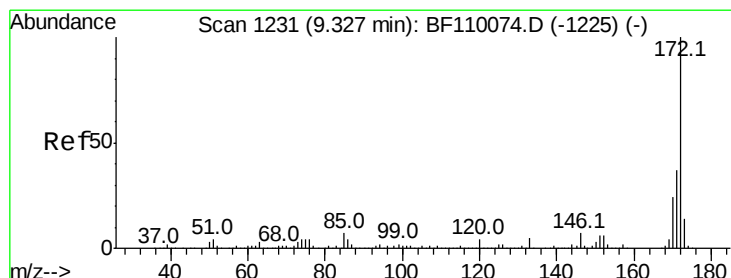
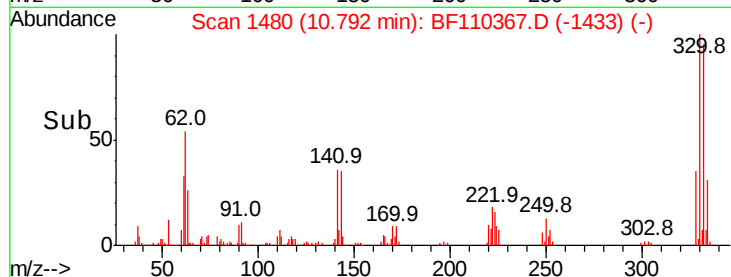
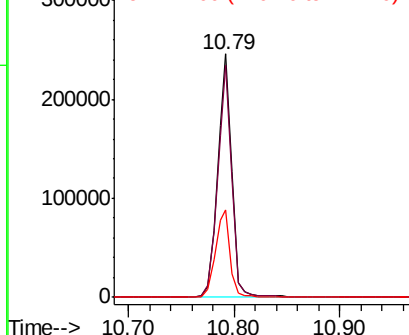
#42
 2,4,6-Tribromophenol
 Concen: 140.405 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF110367.D
 Acq: 1 Nov 2018 14:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	37.5	27.0	40.4

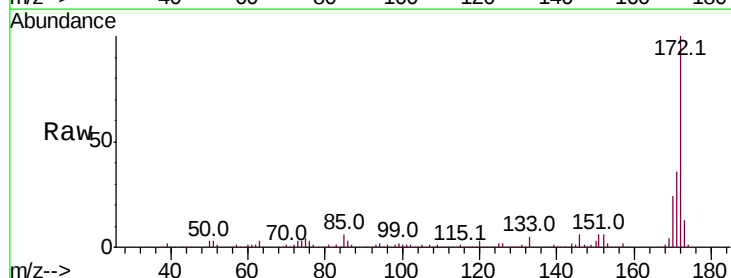


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

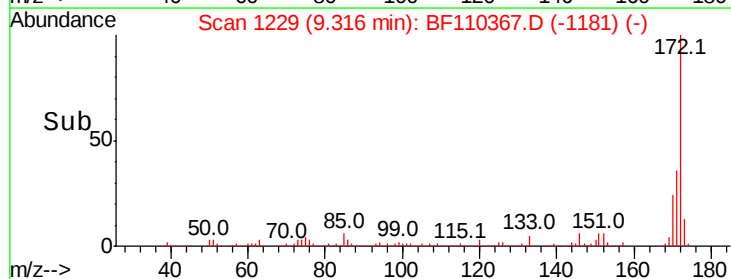
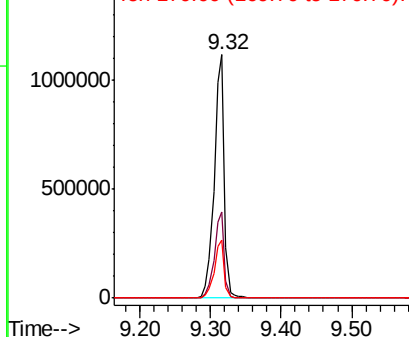


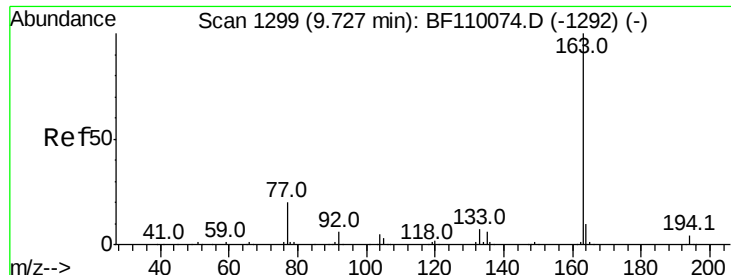
#45
 2-Fluorobiphenyl
 Concen: 104.324 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.02 min
 Lab File: BF110367.D
 Acq: 1 Nov 2018 14:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.6	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

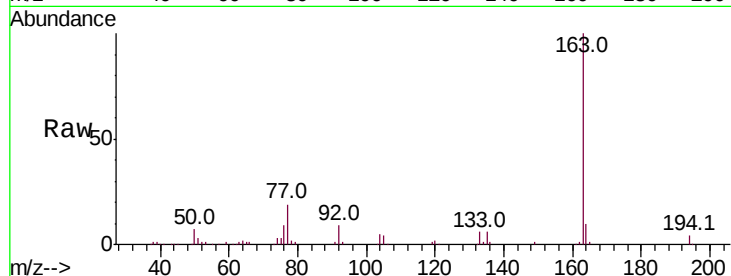




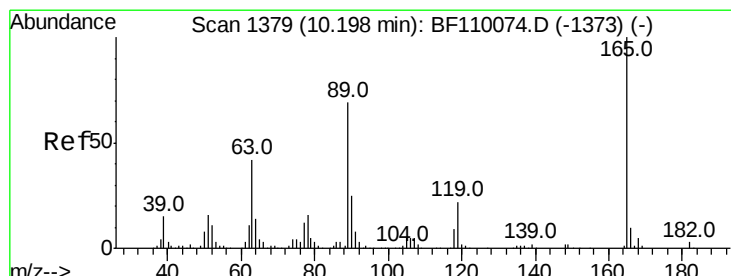
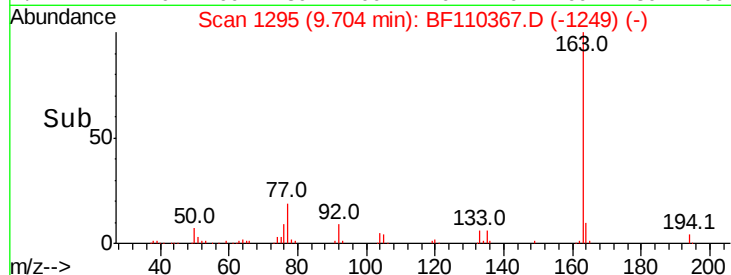
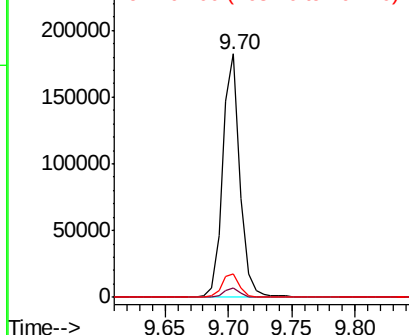
#50
Dimethylphthalate
Concen: 13.944 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:	163	Resp:	172835
Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	9.6	8.1	12.1

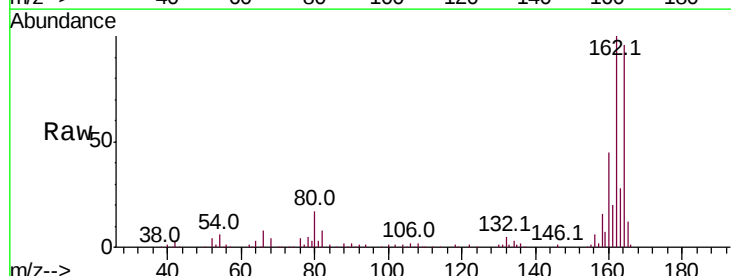


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

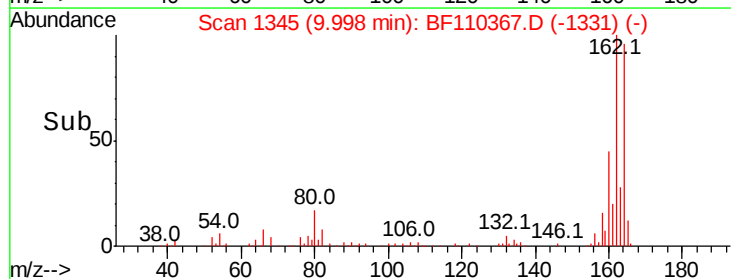
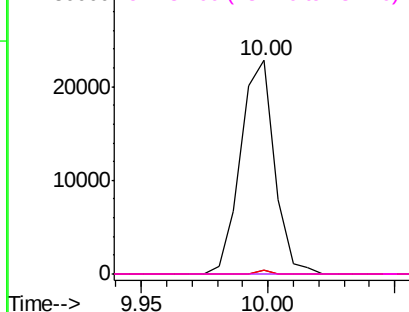


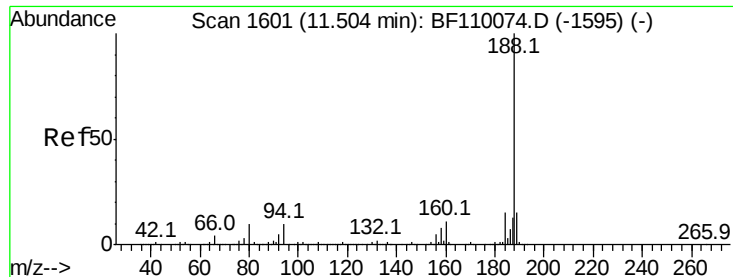
#57
2,4-Dinitrotoluene
Concen: 6.267 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.22 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion:	165	Resp:	21252
Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	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

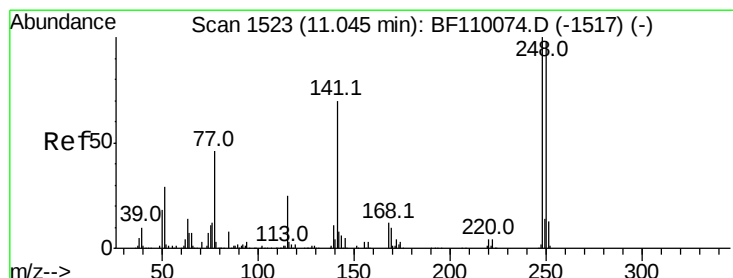
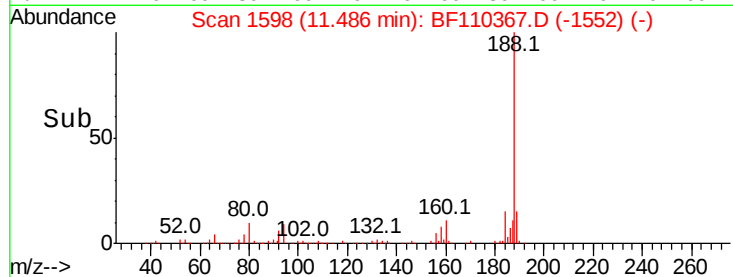
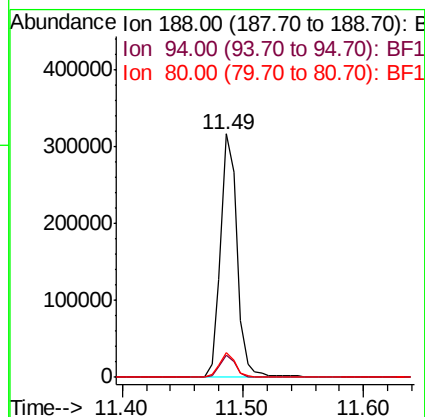
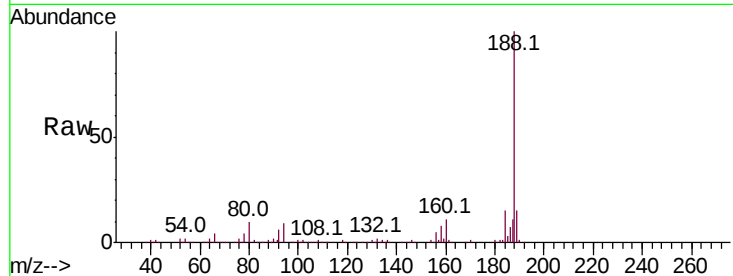




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.03 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

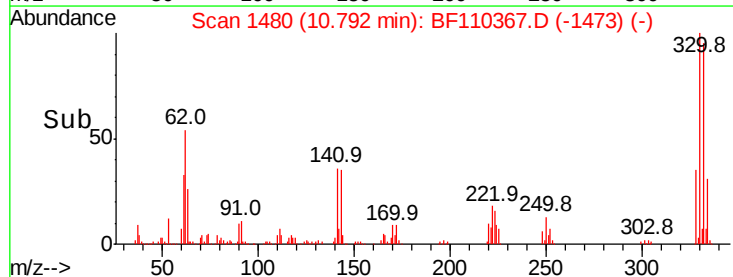
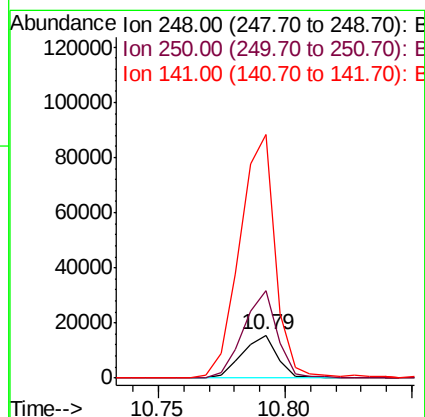
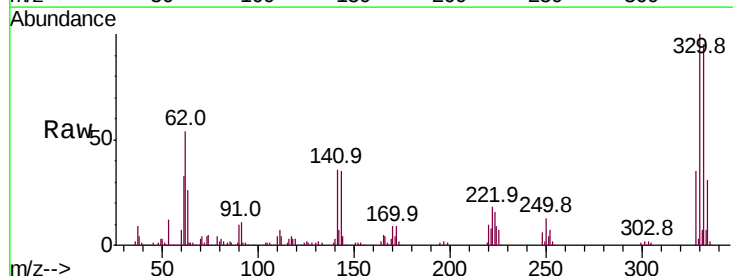
Instrument :
BNA_F
ClientSampleId :

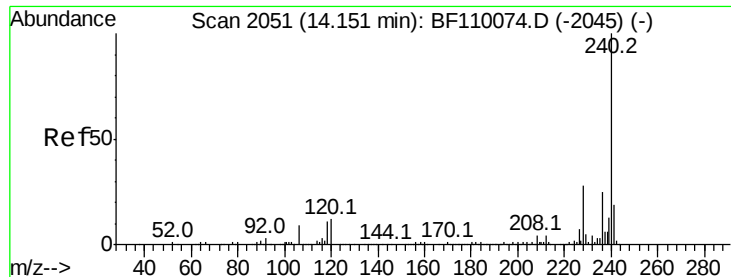
Tot Ion:188 Resp: 297864
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 10.4 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 4.665 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.26 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Tgt Ion:248 Resp: 15071
Ion Ratio Lower Upper
248 100
250 201.2 79.4 119.2#
141 562.5 55.9 83.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.04 min

Lab File: BF110367.D

Acq: 1 Nov 2018 14:34

Instrument :

BNA_F

ClientSampleId :

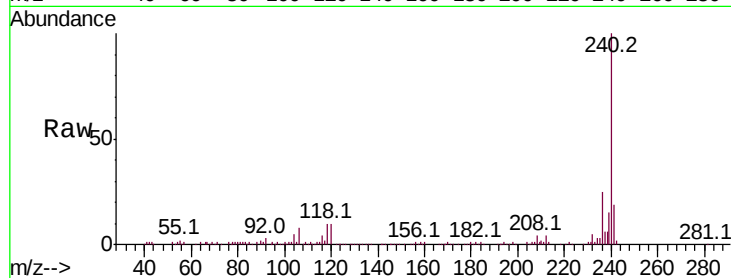
Tot Ion:240 Resp: 157894

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

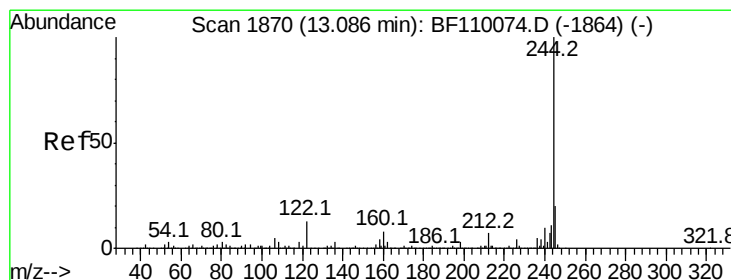
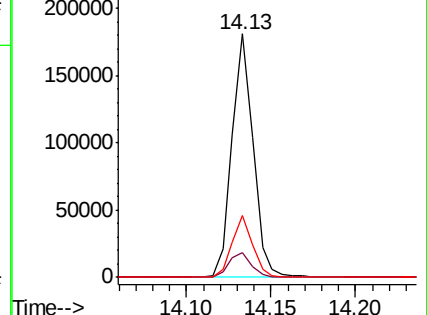
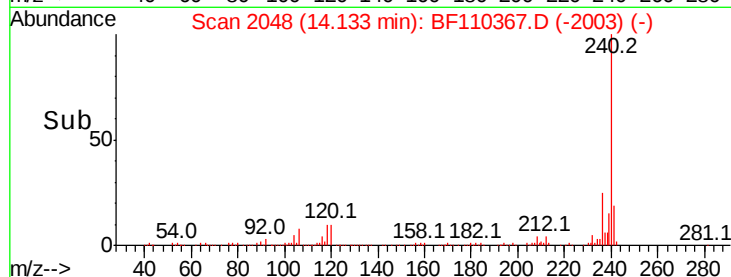
236 25.2 21.2 31.8



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



#79

Terphenyl-d14

Concen: 110.677 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.03 min

Lab File: BF110367.D

Acq: 1 Nov 2018 14:34

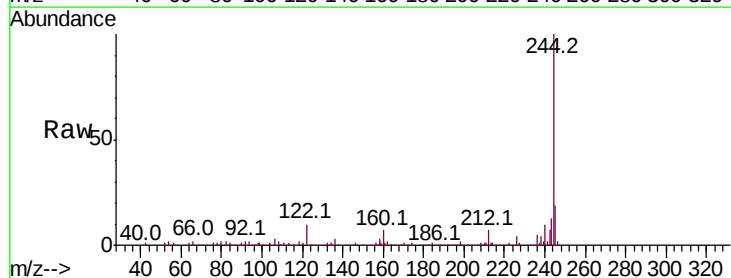
Tgt Ion:244 Resp: 840276

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

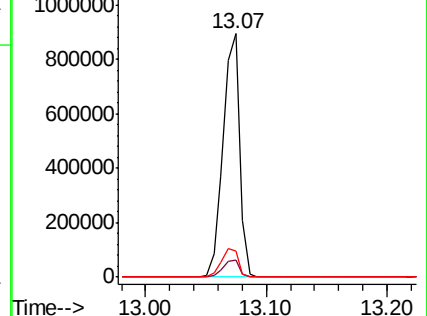
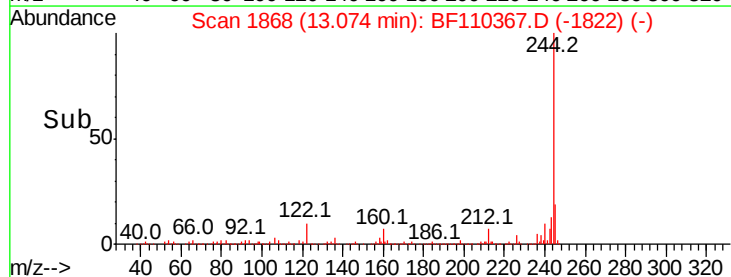
122 10.5 8.7 13.1

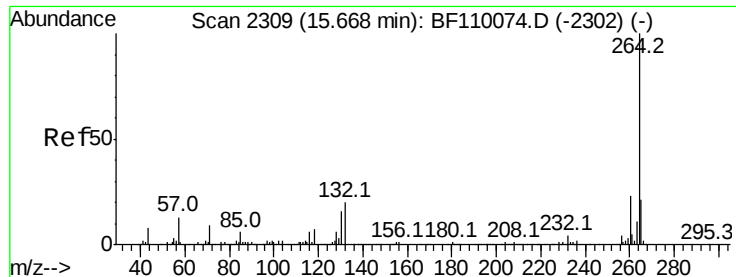


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

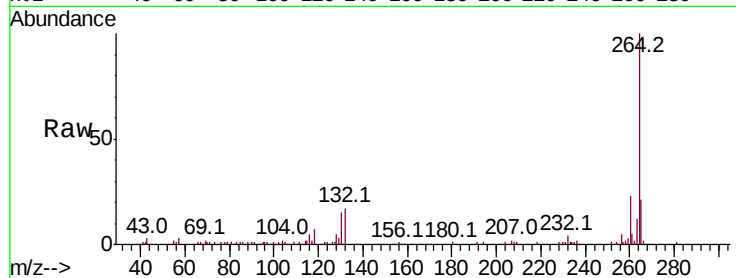




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.05 min
Lab File: BF110367.D
Acq: 1 Nov 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	21.4	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

