

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110368.D
 Acq On : 1 Nov 2018 15:01
 Operator : JU/SJ
 Sample : J5741-47
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 15:53:22 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

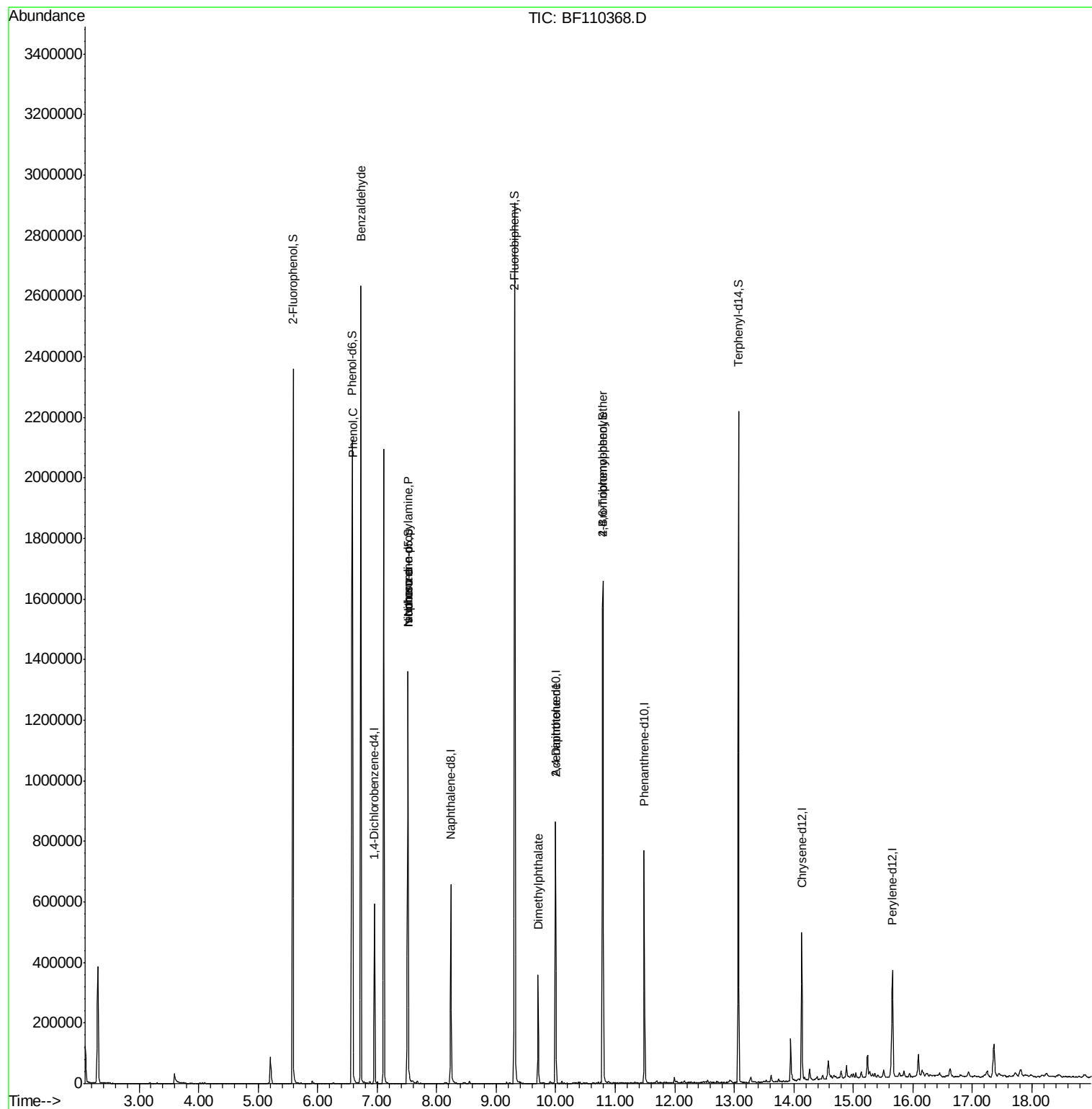
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	87831	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	361293	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	171939	20.00	ng	-0.02
64) Phenanthrene-d10	11.49	188	307672	20.00	ng	-0.03
76) Chrysene-d12	14.13	240	157026	20.00	ng	-0.04
87) Perylene-d12	15.66	264	165983	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	662521	122.84	ng	0.00
7) Phenol-d6	6.58	99	860340	124.71	ng	-0.02
23) Nitrobenzene-d5	7.52	82	541025	88.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.79	330	210410	123.54	ng	-0.02
45) 2-Fluorobiphenyl	9.31	172	1018710	93.04	ng	-0.02
79) Terphenyl-d14	13.07	244	769386	101.90	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.73	77	16717	2.630	ng	83
10) Phenol	6.59	94	52569	7.129	ng	# 68
19) n-Nitroso-di-n-propylamine	7.52	70	71830	16.230	ng	# 81
25) Isophorone	7.52	82	541018	52.105	ng	# 67
50) Dimethylphthalate	9.70	163	157821	12.435	ng	99
57) 2,4-Dinitrotoluene	10.00	165	21981	6.330	ng	# 19
67) 4-Bromophenyl-phenylether	10.79	248	13590	4.072	ng	# 1

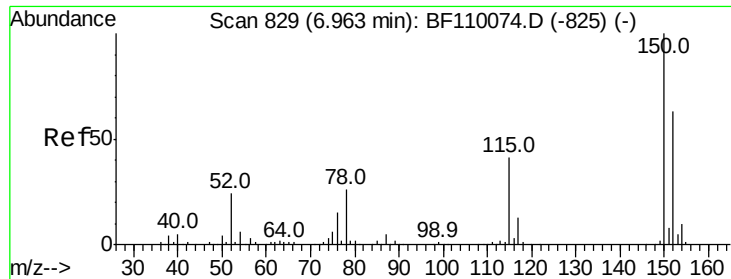
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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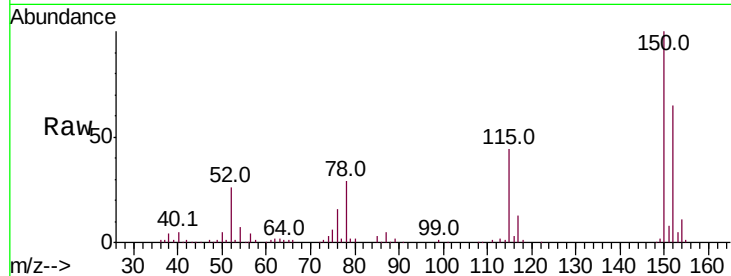


#1

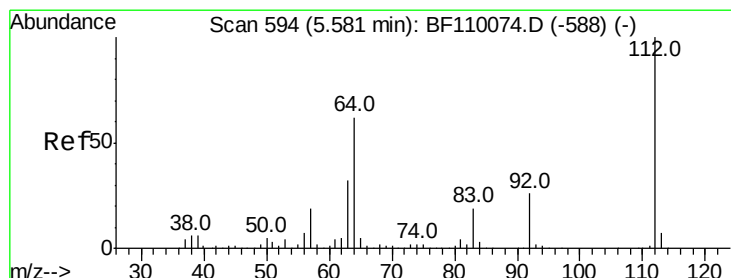
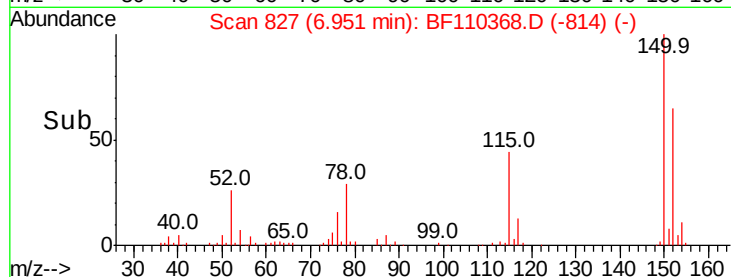
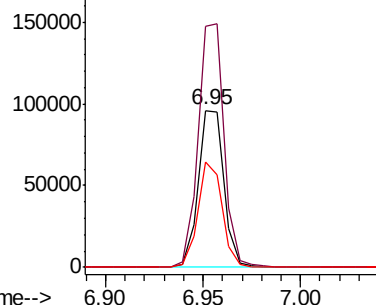
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF110368.D
Acq: 1 Nov 2018 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87831
Ion Ratio Lower Upper
152 100
150 153.6 122.7 184.1
115 67.2 49.1 73.7



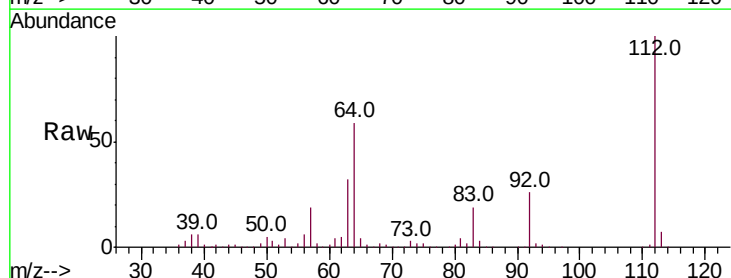
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



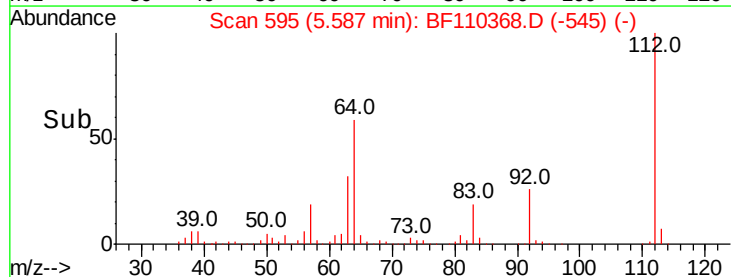
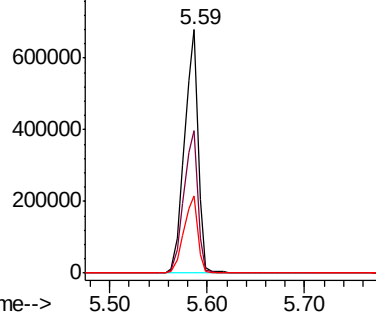
#5

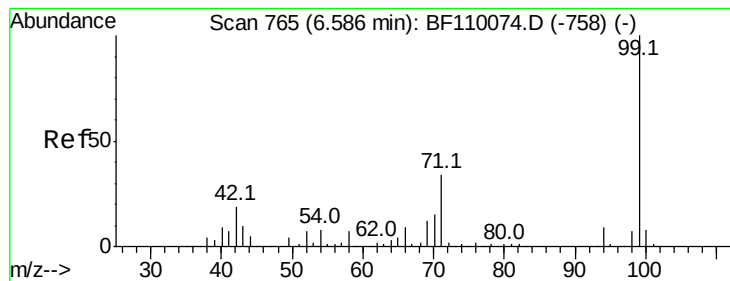
2-Fluorophenol
Concen: 122.836 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110368.D
Acq: 1 Nov 2018 15:01

Tgt Ion:112 Resp: 662521
Ion Ratio Lower Upper
112 100
64 58.8 44.1 66.1
63 31.5 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: 124.710 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

Instrument :

BNA_F

ClientSampleId :

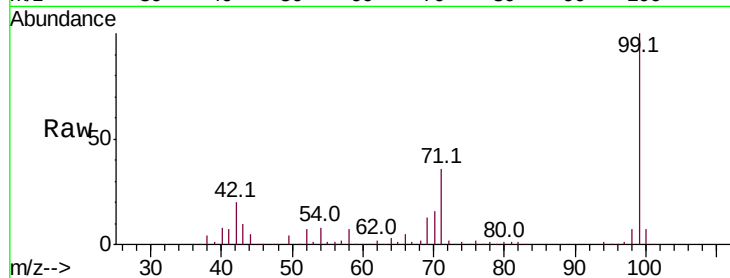
Tot Ion: 99 Resp: 860340

Ion Ratio Lower Upper

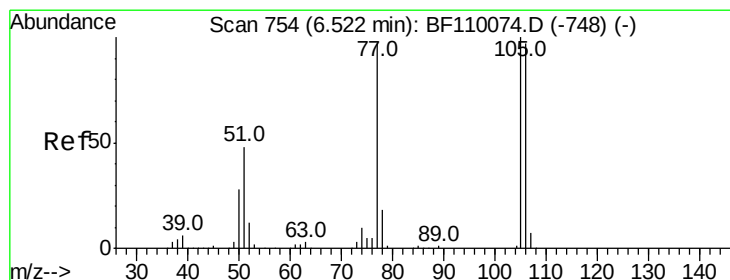
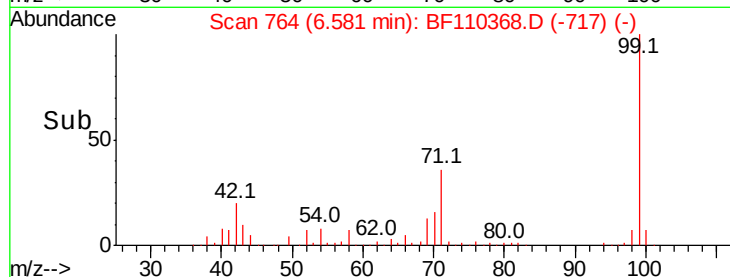
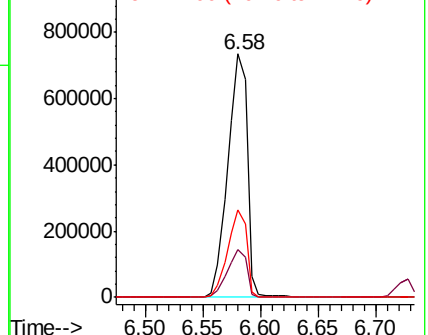
99 100

42 19.6 15.8 23.6

71 35.7 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: 2.630 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.20 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

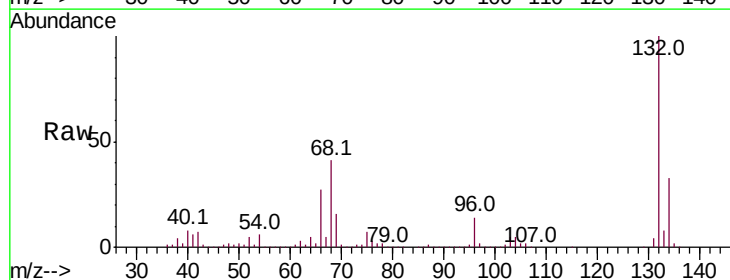
Tgt Ion: 77 Resp: 16717

Ion Ratio Lower Upper

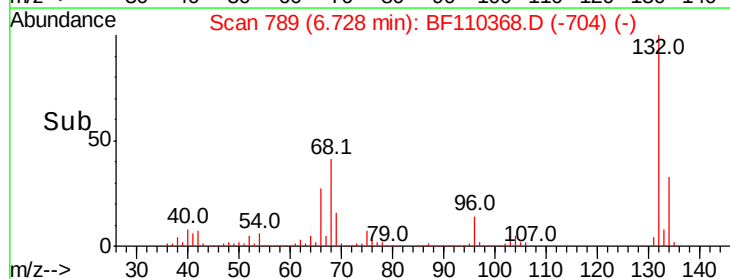
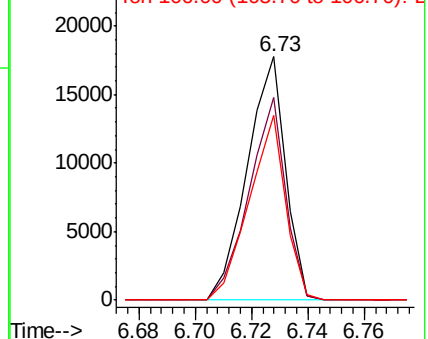
77 100

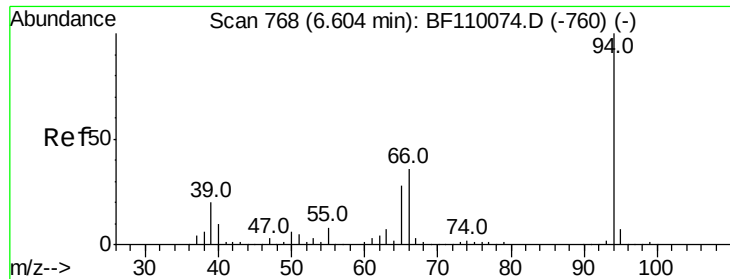
105 83.3 78.6 118.6

106 76.0 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

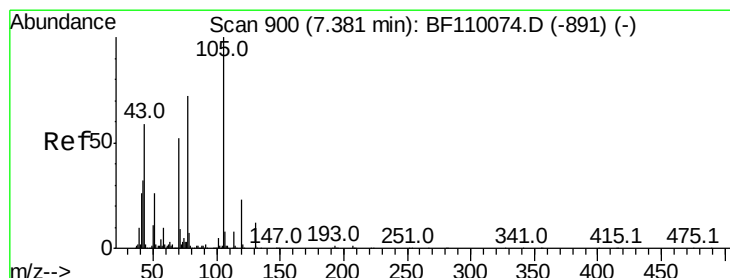
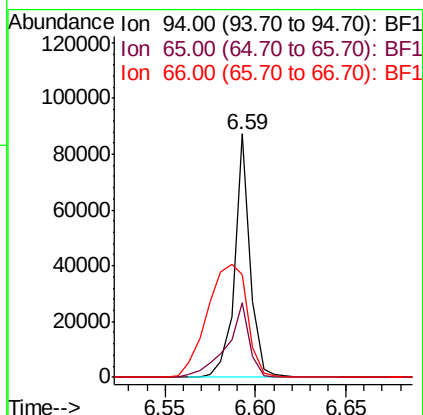
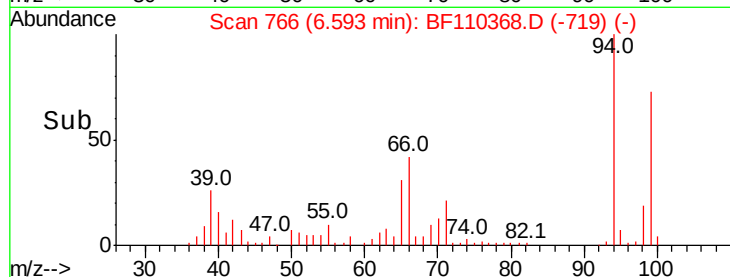
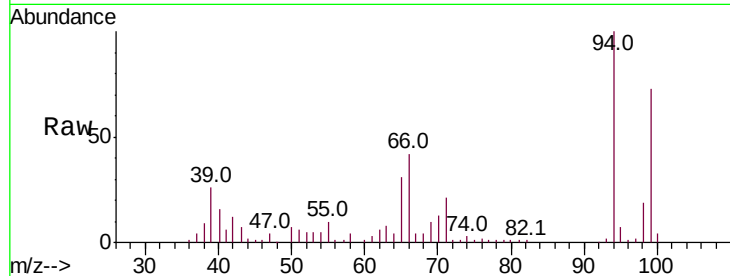




#10
Phenol
Concen: 7.129 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.02 min
Lab File: BF110368.D
Acq: 1 Nov 2018 15:01

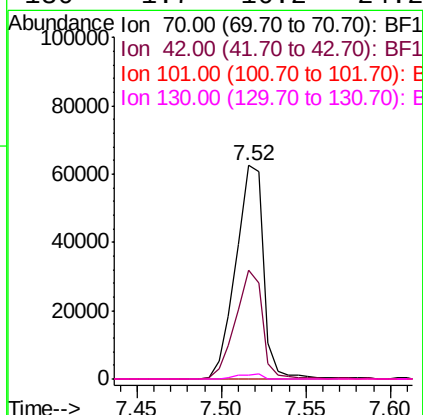
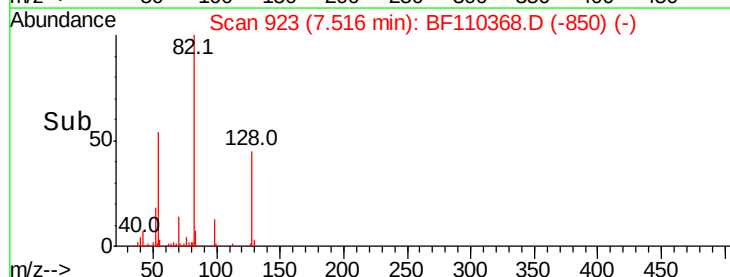
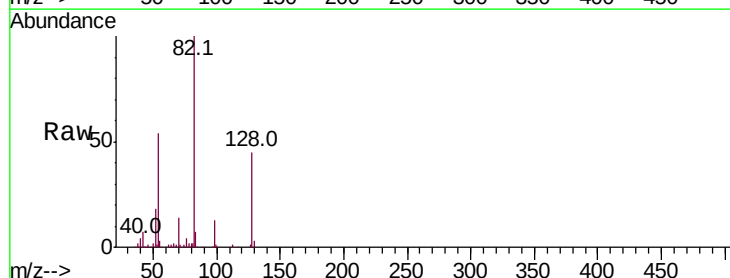
Instrument :
BNA_F
ClientSampled :

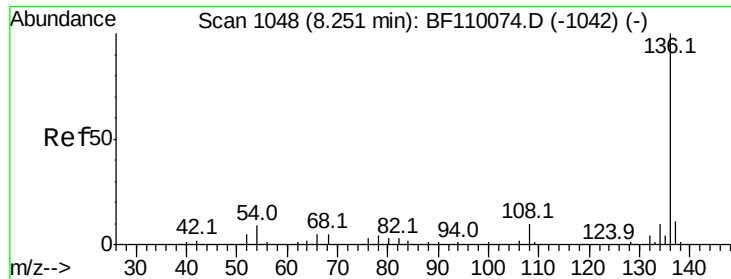
Tot Ion: 94 Resp: 52569
Ion Ratio Lower Upper
94 100
65 30.7 25.3 65.3
66 42.4 54.5 94.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.230 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.13 min
Lab File: BF110368.D
Acq: 1 Nov 2018 15:01

Tgt Ion: 70 Resp: 71830
Ion Ratio Lower Upper
70 100
42 50.7 47.4 71.2
101 0.0 7.3 10.9#
130 1.7 16.2 24.2#

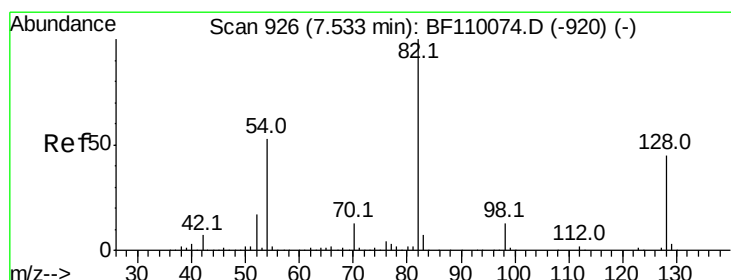
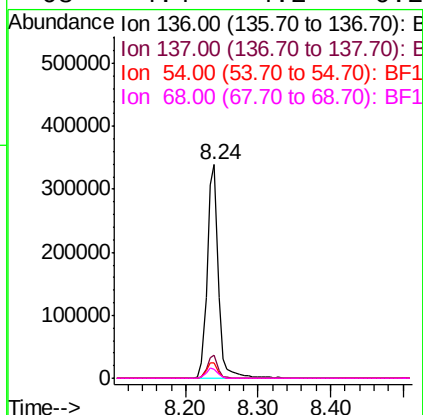
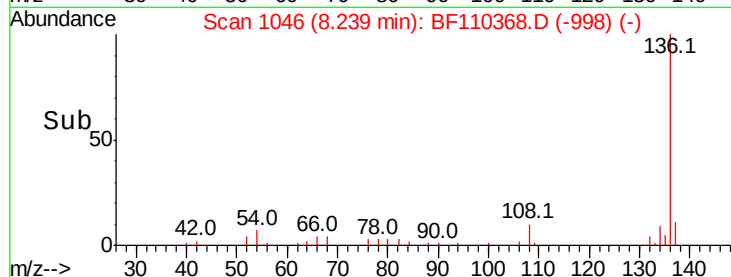
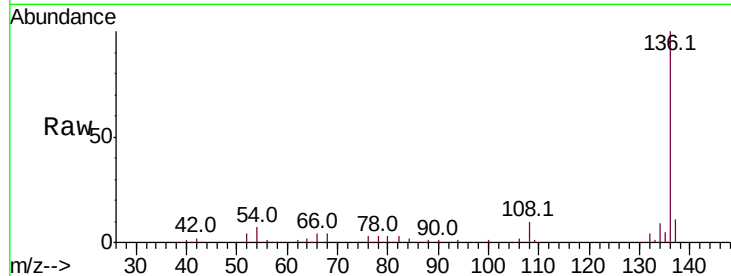




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BF110368.D
Acq: 1 Nov 2018 15:01

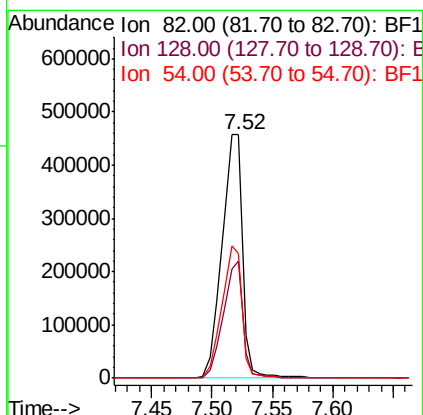
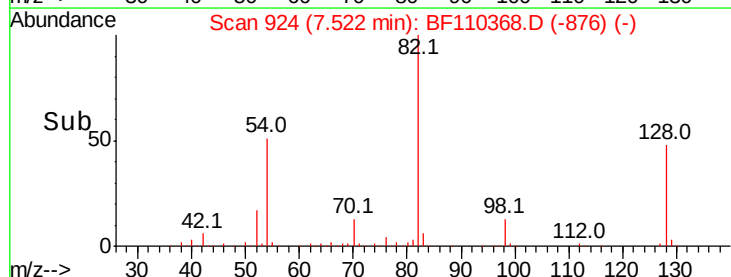
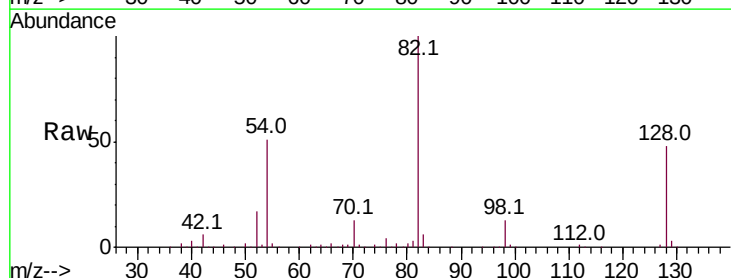
Instrument :
BNA_F
ClientSampleId :

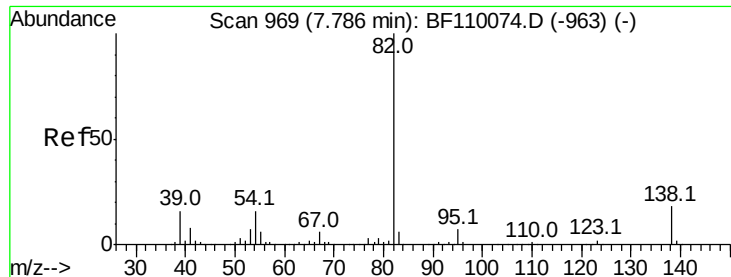
Tot Ion:	136	Resp:	361293
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.4	5.4	8.2
68	4.4	4.2	6.2



#23
Nitrobenzene-d5
Concen: 88.820 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.02 min
Lab File: BF110368.D
Acq: 1 Nov 2018 15:01

Tgt Ion:	82	Resp:	541025
Ion	Ratio	Lower	Upper
82	100		
128	48.2	34.2	51.2
54	51.2	38.6	58.0





#25

Isophorone

Concen: 52.105 ng

RT: 7.52 min Scan# 924

Delta R.T. -0.27 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

Instrument :

BNA_F

ClientSampled :

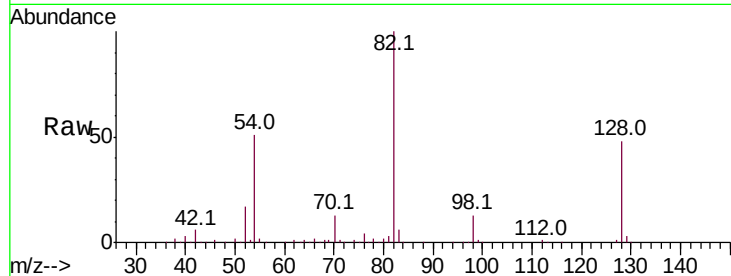
Tot Ion: 82 Resp: 541018

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

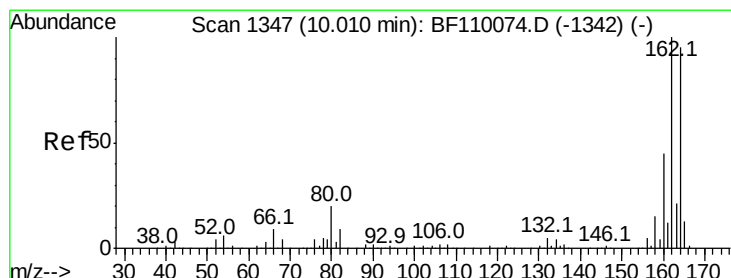
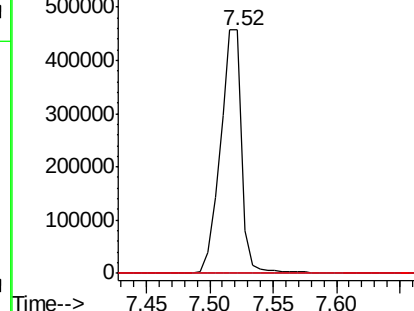
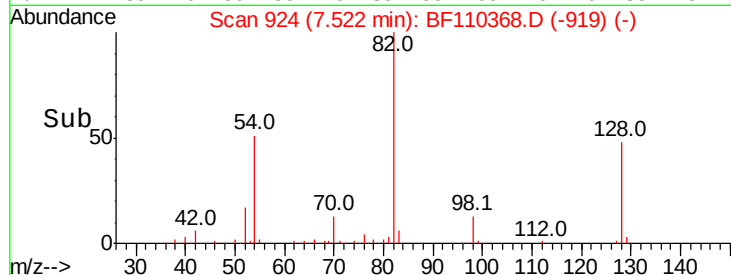
138 0.0 13.2 19.8#



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: BF110368.D

Acq: 1 Nov 2018 15:01

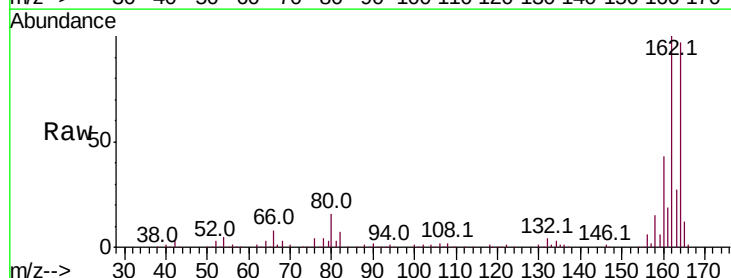
Tgt Ion:164 Resp: 171939

Ion Ratio Lower Upper

164 100

162 103.6 83.0 124.6

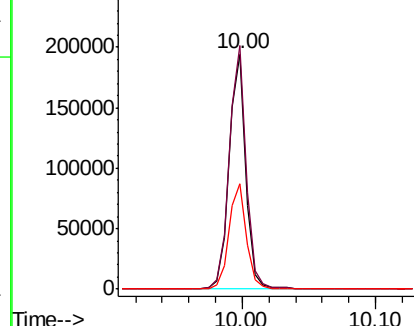
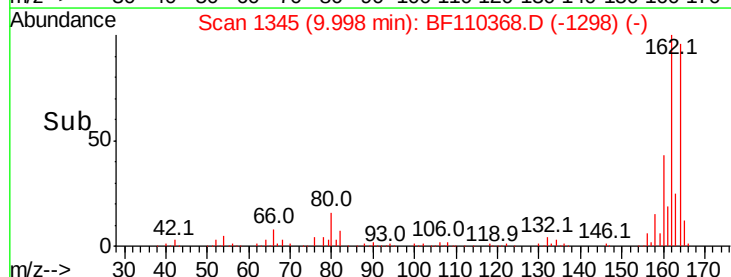
160 44.9 37.0 55.6

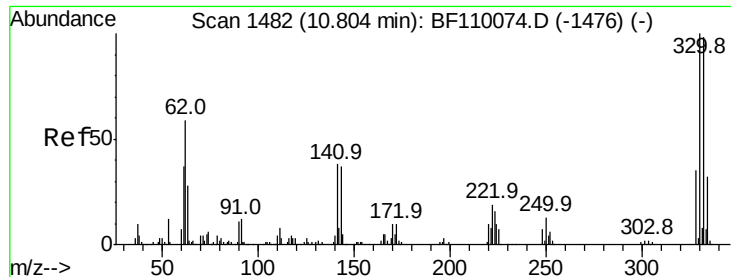


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

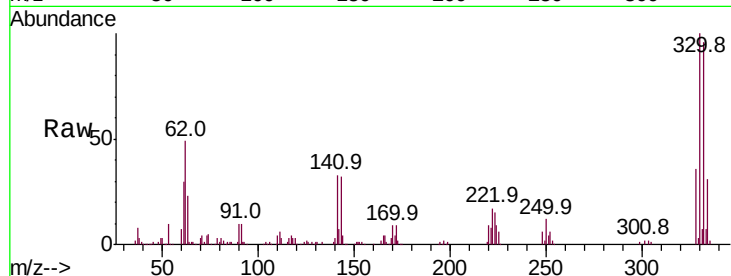




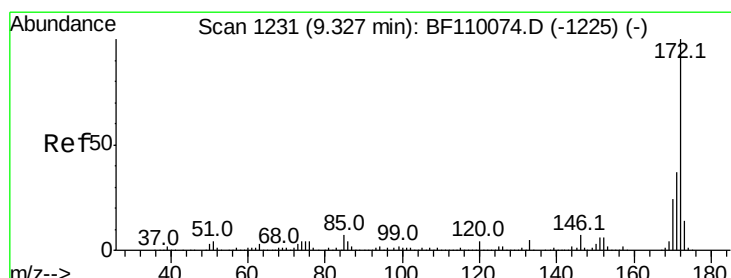
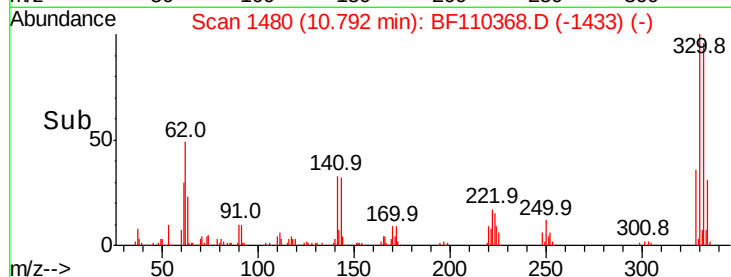
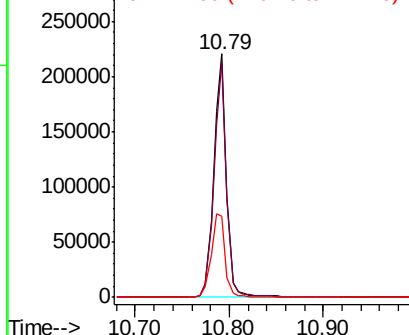
#42
 2,4,6-Tribromophenol
 Concen: 123.540 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.02 min
 Lab File: BF110368.D
 Acq: 1 Nov 2018 15:01

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 210410
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 37.7 27.0 40.4

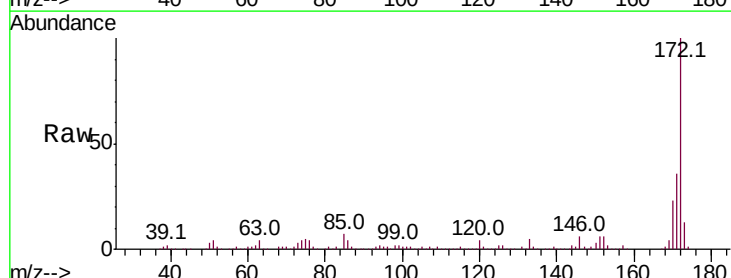


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

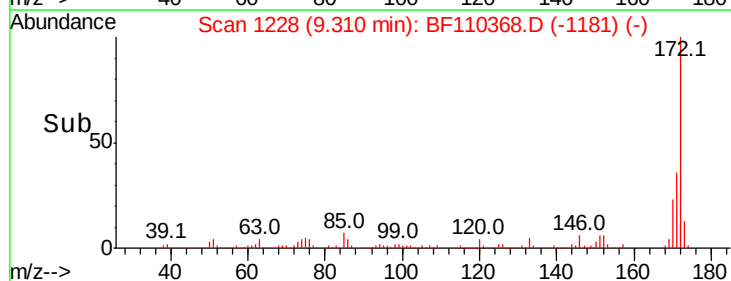
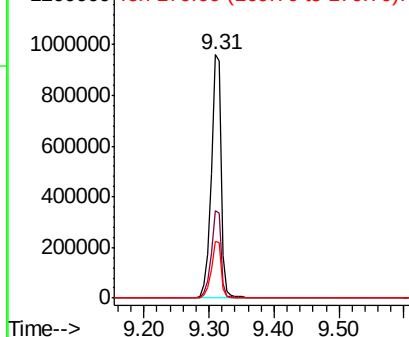


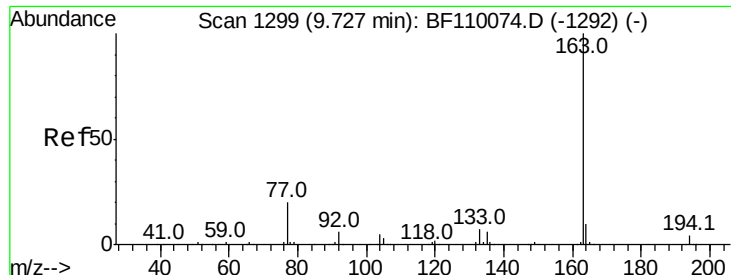
#45
 2-Fluorobiphenyl
 Concen: 93.035 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF110368.D
 Acq: 1 Nov 2018 15:01

Tgt Ion:172 Resp: 1018710
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.3 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

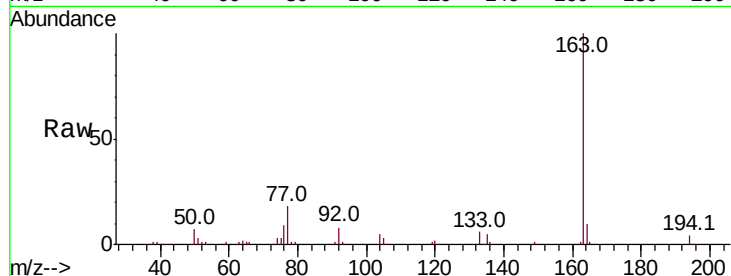




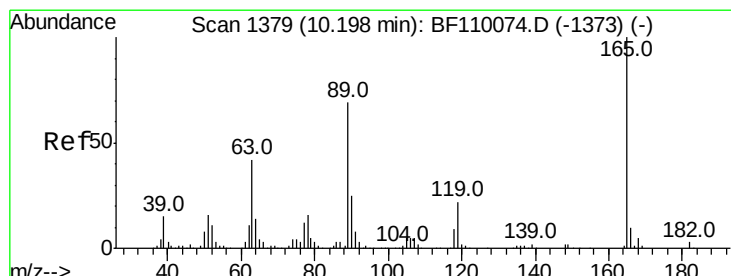
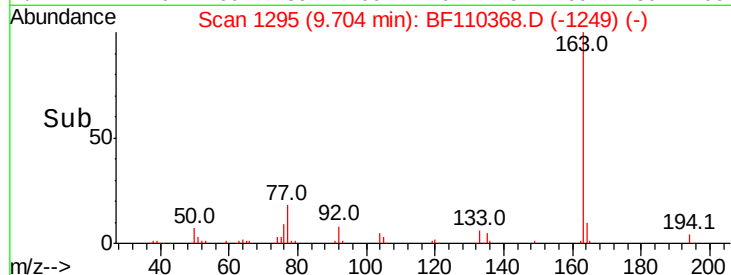
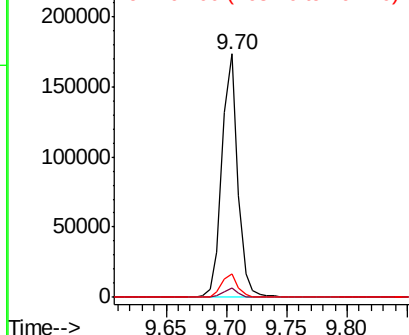
#50
Dimethylphthalate
Concen: 12.435 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BF110368.D
Acq: 1 Nov 2018 15:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.5	8.1	12.1



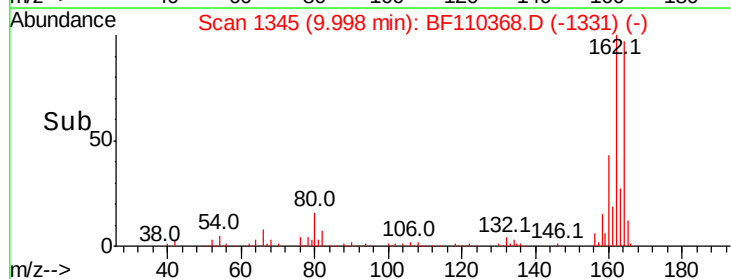
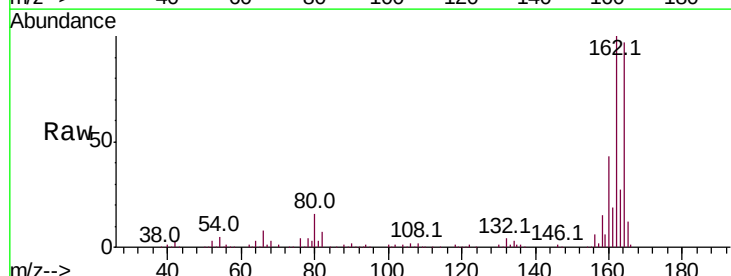
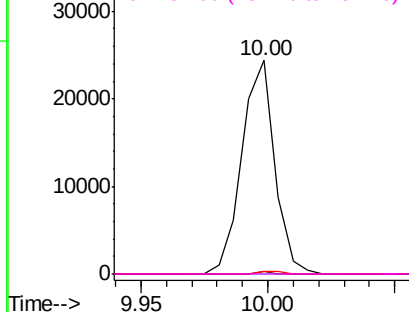
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

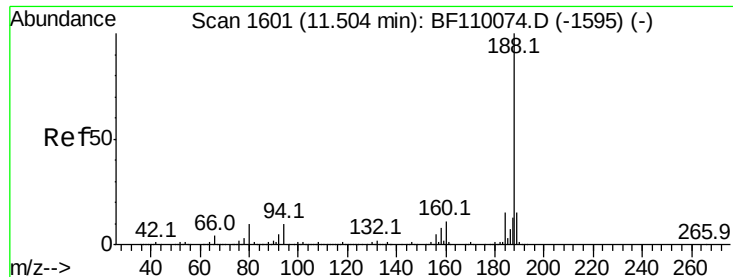


#57
2,4-Dinitrotoluene
Concen: 6.330 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.22 min
Lab File: BF110368.D
Acq: 1 Nov 2018 15:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.3	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: BF110368.D

Acq: 1 Nov 2018 15:01

Instrument :

BNA_F

ClientSampleId :

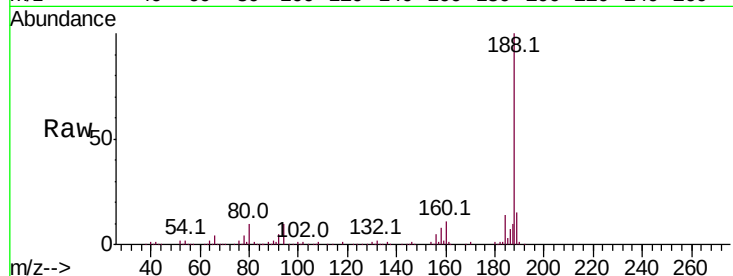
Tot Ion:188 Resp: 307672

Ion Ratio Lower Upper

188 100

94 9.8 7.2 10.8

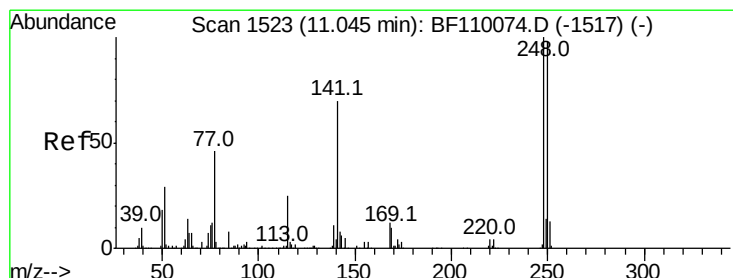
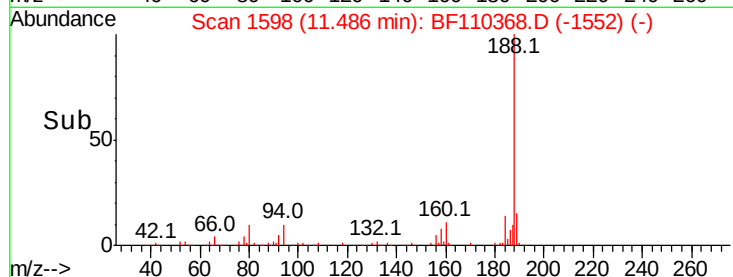
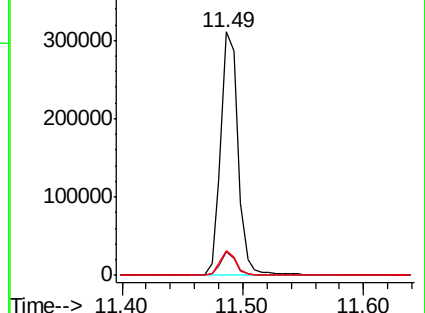
80 10.2 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 4.072 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.26 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

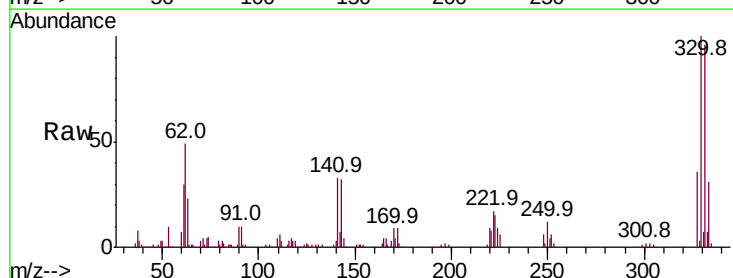
Tgt Ion:248 Resp: 13590

Ion Ratio Lower Upper

248 100

250 188.4 79.4 119.2#

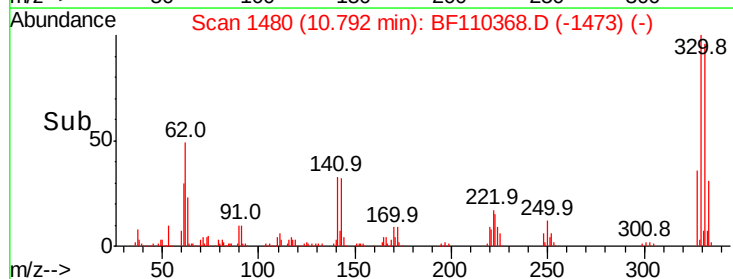
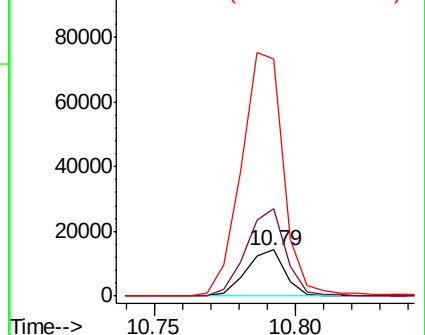
141 512.1 55.9 83.9#

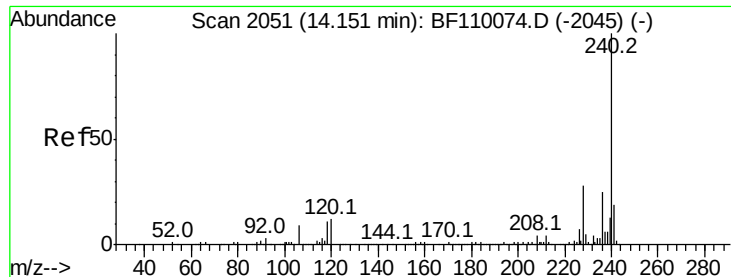


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.04 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

Instrument :

BNA_F

ClientSampleId :

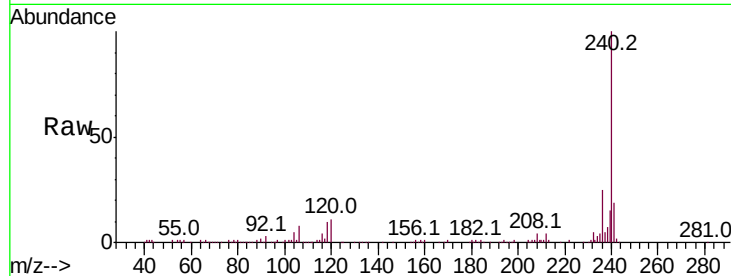
Tot Ion:240 Resp: 157026

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

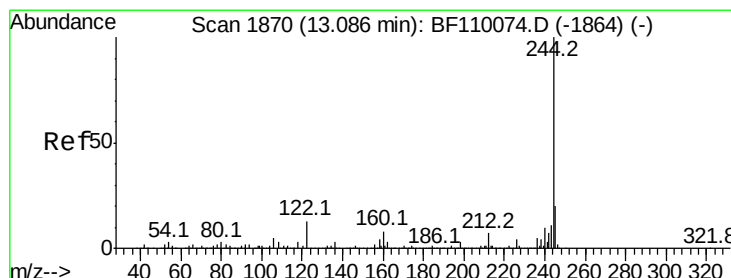
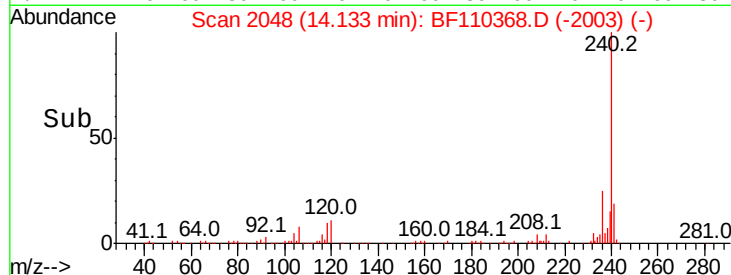
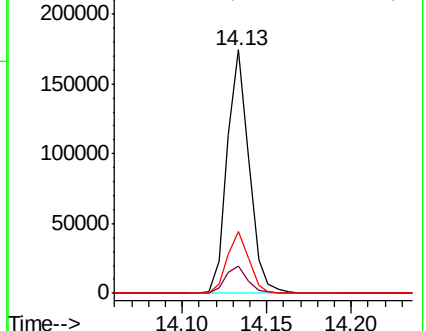
236 25.4 21.2 31.8



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: 101.900 ng

RT: 13.07 min Scan# 1868

Delta R.T. -0.03 min

Lab File: BF110368.D

Acq: 1 Nov 2018 15:01

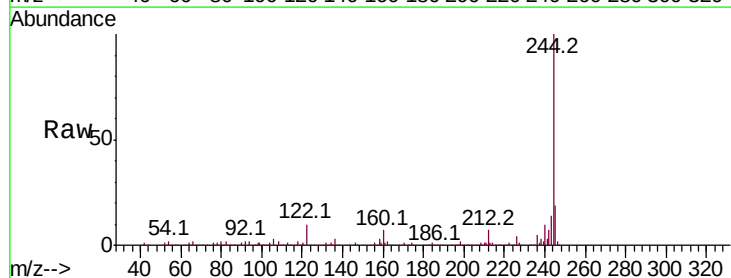
Tgt Ion:244 Resp: 769386

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

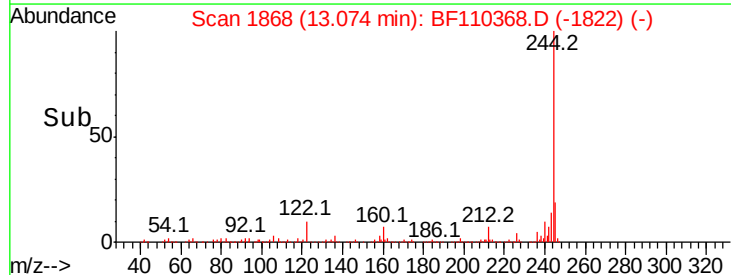
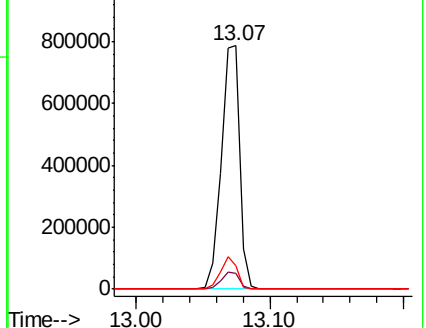
122 9.7 8.7 13.1

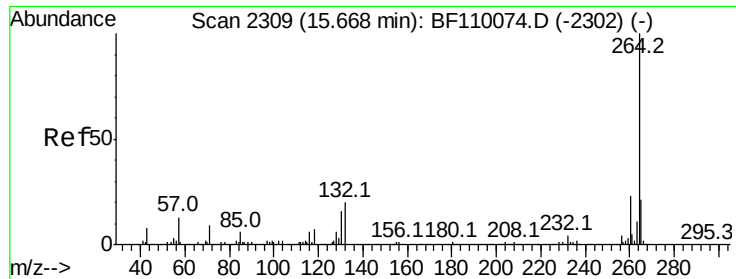


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

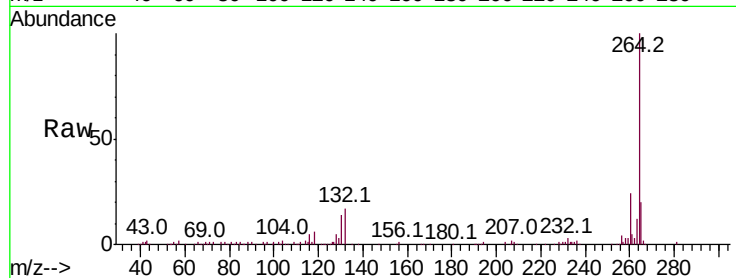




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. -0.05 min
 Lab File: BF110368.D
 Acq: 1 Nov 2018 15:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	20.3	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

