

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111318\
 Data File : BF110751.D
 Acq On : 14 Nov 2018 6:28
 Operator : JU/SJ
 Sample : J5916-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110918-DBRI-F-D-B

Quant Time: Nov 14 07:14:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

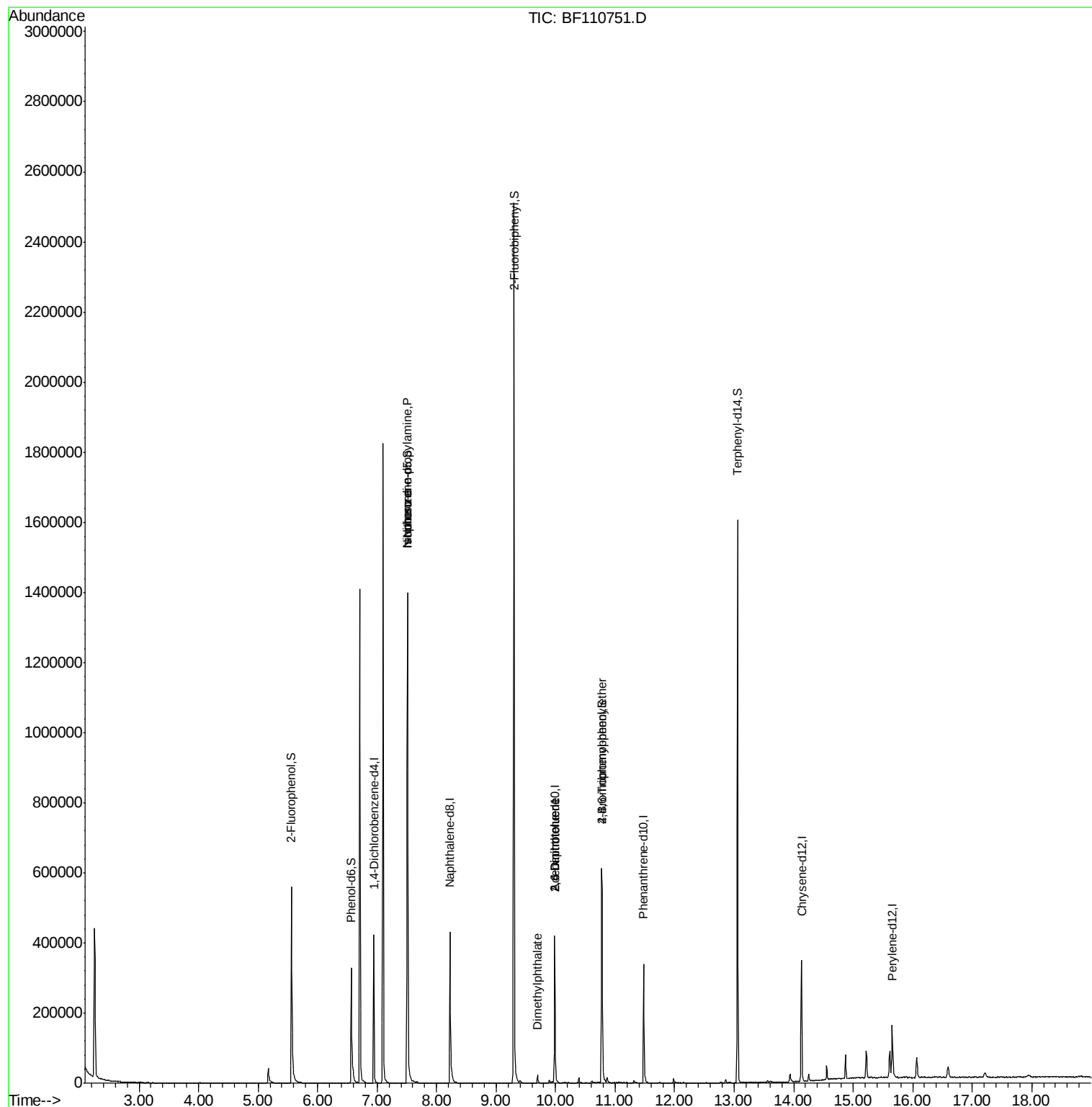
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	66089	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	256342	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	95712	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	153422	20.00	ng	0.00
76) Chrysene-d12	14.13	240	139558	20.00	ng	0.00
87) Perylene-d12	15.66	264	85356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	186089	45.74	ng	0.00
7) Phenol-d6	6.56	99	136848	26.30	ng	-0.01
23) Nitrobenzene-d5	7.51	82	466585	104.82	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	84695	87.82	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	781990	116.69	ng	0.00
79) Terphenyl-d14	13.06	244	572999	76.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	60913	18.341	ng	Qvalue # 79
25) Isophorone	7.51	82	466583	63.955	ng	# 67
50) Dimethylphthalate	9.70	163	14880	2.084	ng	96
51) 2,6-Dinitrotoluene	9.99	165	11468	7.300	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	11468	5.614	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	4995	2.946	ng	# 1

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

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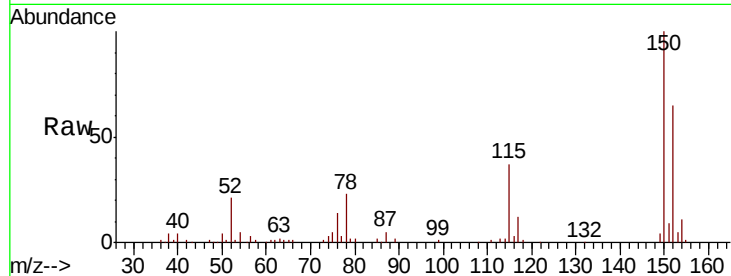




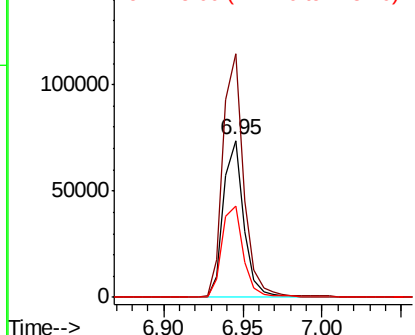
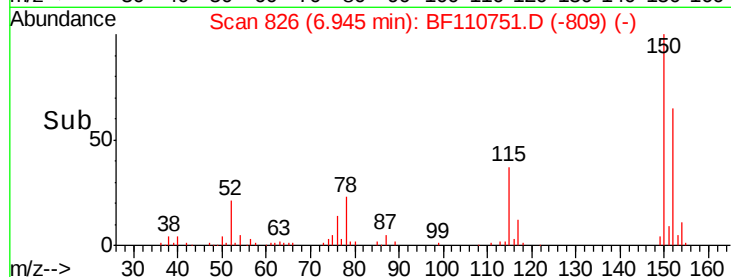
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110751.D
 Acq: 14 Nov 2018 6:28

Instrument :
 BNA_F
 ClientSampleId :
 110918-DBRI-F-D-B

Tgt Ion:152 Resp: 66089
 Ion Ratio Lower Upper
 152 100
 150 154.9 122.7 184.1
 115 57.8 49.1 73.7

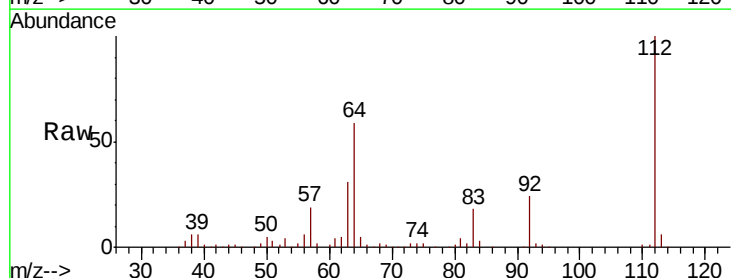


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

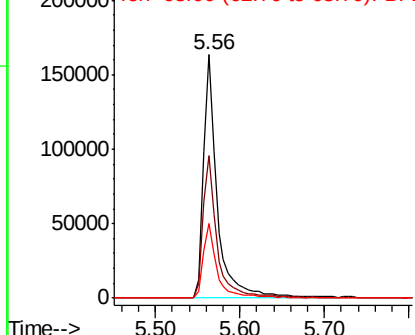
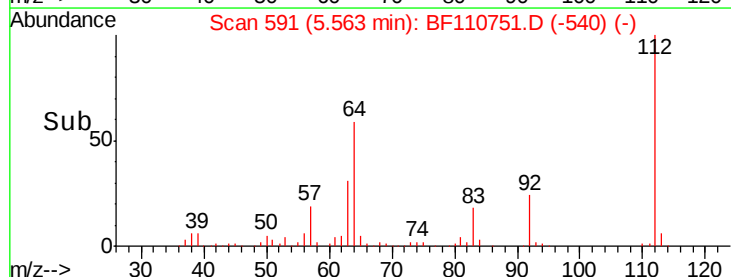


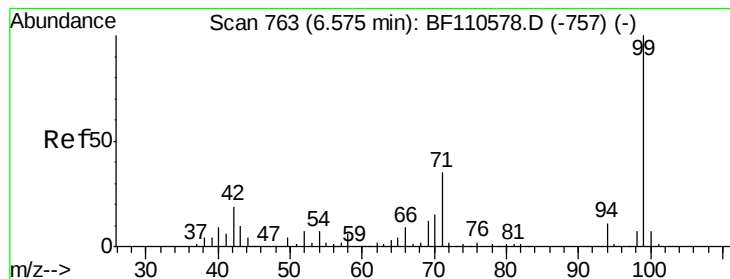
#5
 2-Fluorophenol
 Concen: 45.736 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110751.D
 Acq: 14 Nov 2018 6:28

Tgt Ion:112 Resp: 186089
 Ion Ratio Lower Upper
 112 100
 64 58.7 44.1 66.1
 63 30.6 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: 26.302 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110751.D

Acq: 14 Nov 2018 6:28

Instrument :

BNA_F

ClientSampleId :

110918-DBRI-F-D-B

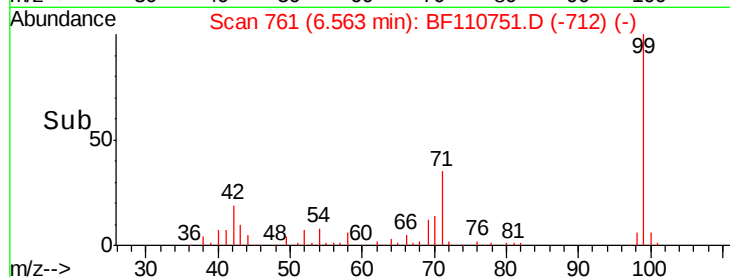
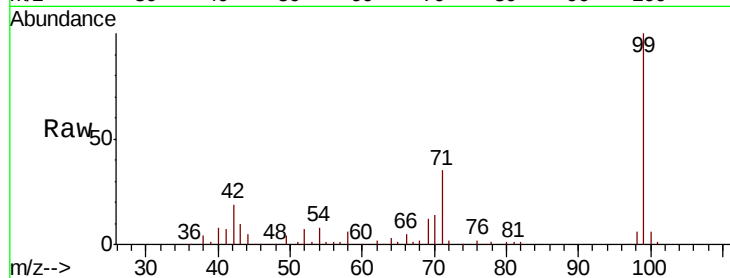
Tgt Ion: 99 Resp: 136848

Ion Ratio Lower Upper

99 100

42 18.8 15.8 23.6

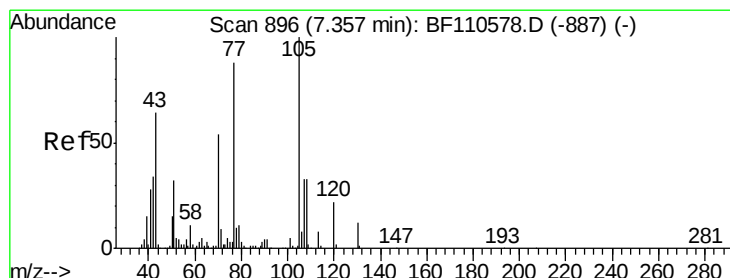
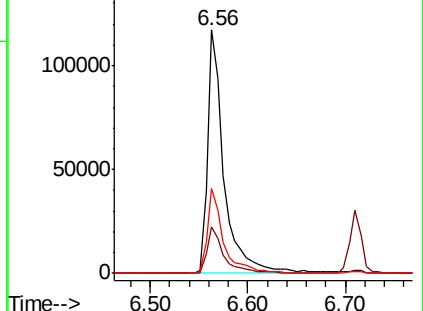
71 34.9 28.0 42.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.341 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110751.D

Acq: 14 Nov 2018 6:28

Tgt Ion: 70 Resp: 60913

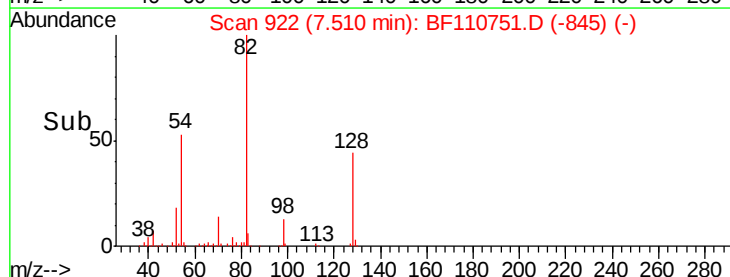
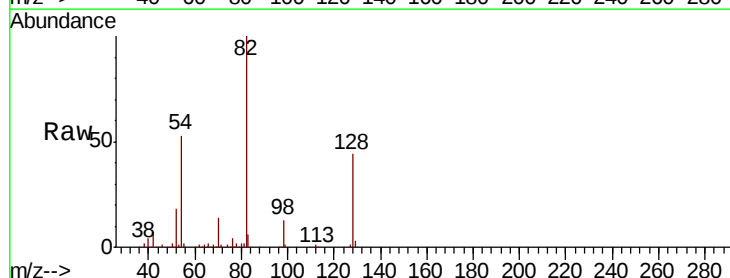
Ion Ratio Lower Upper

70 100

42 48.9 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

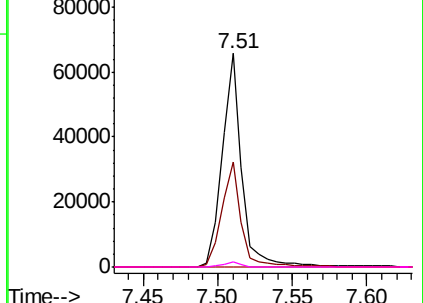


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

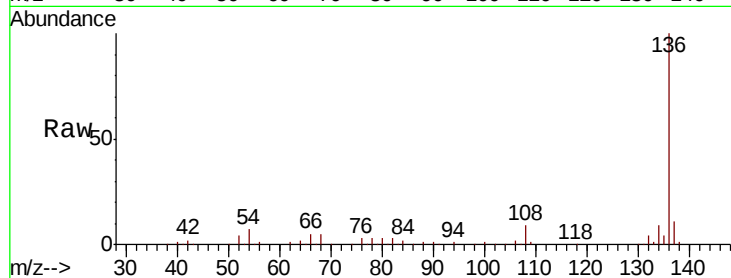




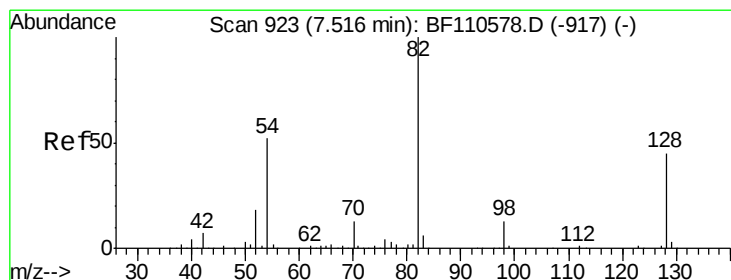
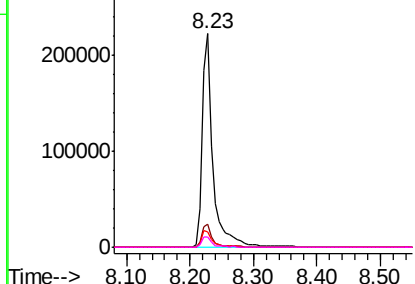
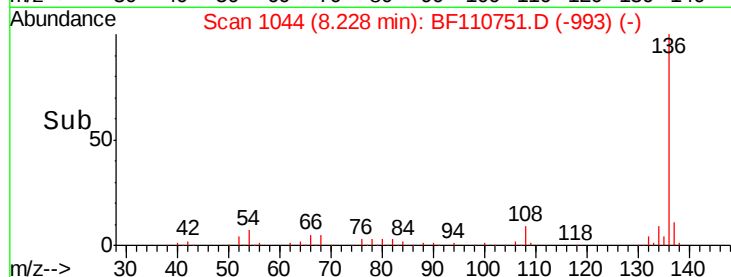
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110751.D
Acq: 14 Nov 2018 6:28

Instrument :
BNA_F
ClientSampleId :
110918-DBRI-F-D-B

Tgt Ion:	136	Resp:	256342
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.3	5.4	8.2
68	4.9	4.2	6.2

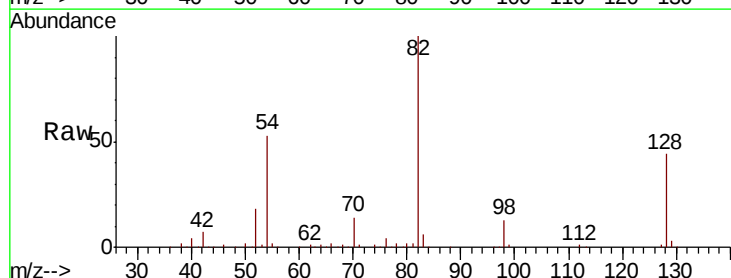


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

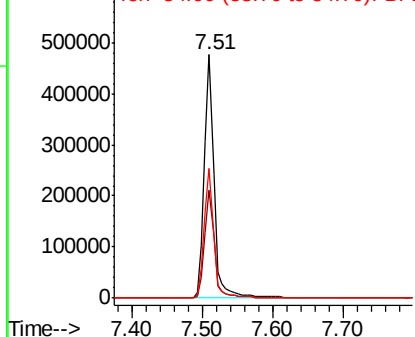
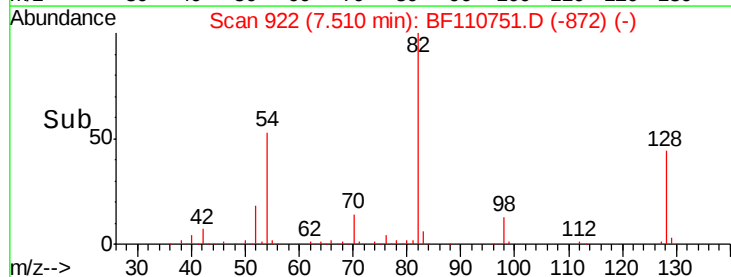


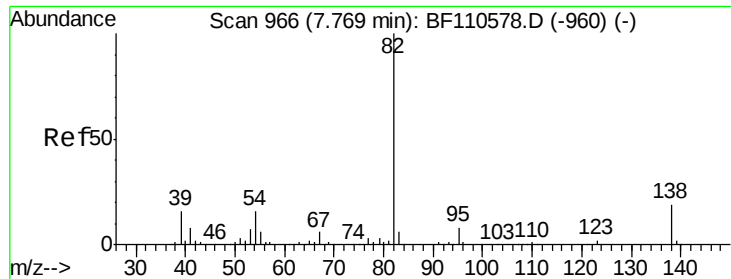
#23
Nitrobenzene-d5
Concen: 104.823 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110751.D
Acq: 14 Nov 2018 6:28

Tgt Ion:	82	Resp:	466585
Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.2	51.2
54	53.2	38.6	58.0



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: 63.955 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110751.D

Acq: 14 Nov 2018 6:28

Instrument :

BNA_F

ClientSampleId :

110918-DBRI-F-D-B

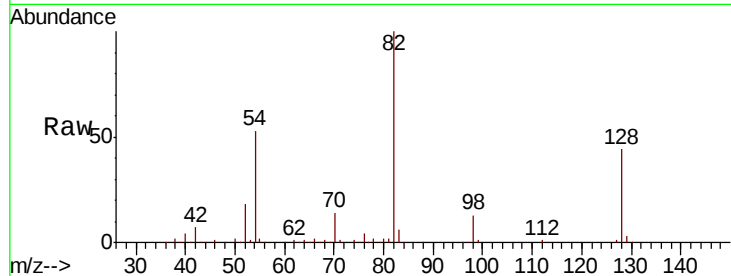
Tgt Ion: 82 Resp: 466583

Ion Ratio Lower Upper

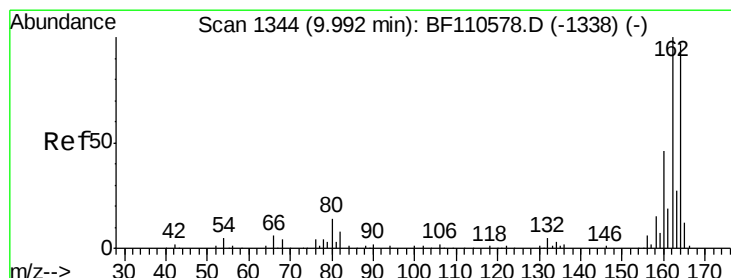
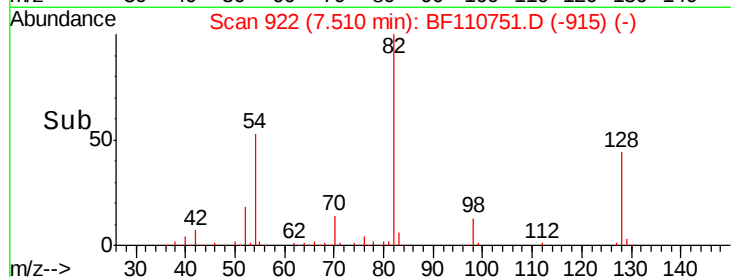
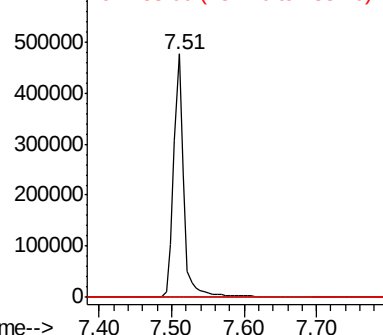
82 100

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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110751.D

Acq: 14 Nov 2018 6:28

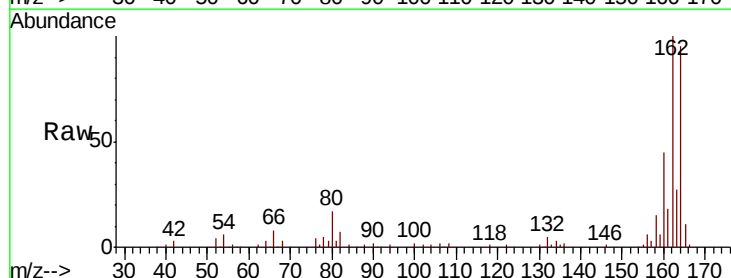
Tgt Ion: 164 Resp: 95712

Ion Ratio Lower Upper

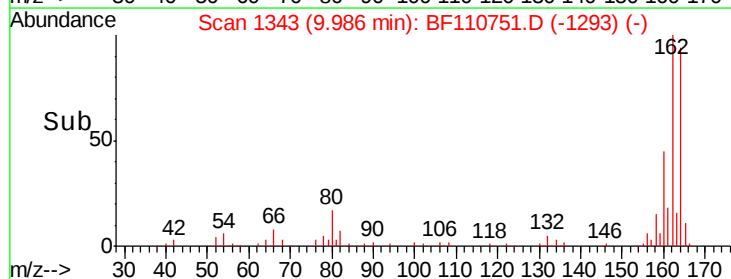
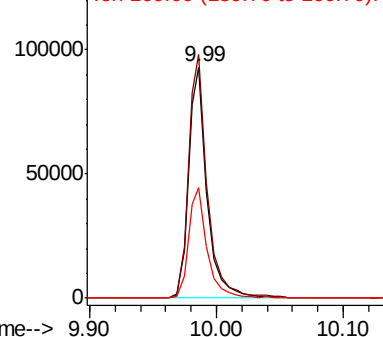
164 100

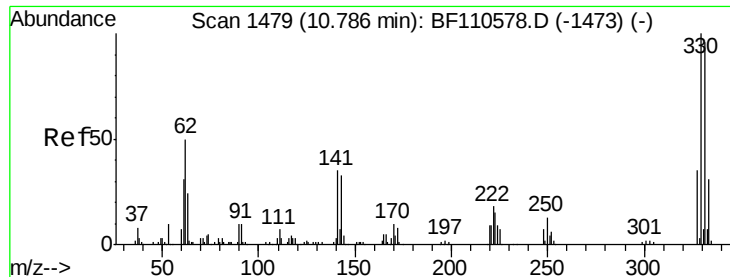
162 105.4 83.0 124.6

160 47.7 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

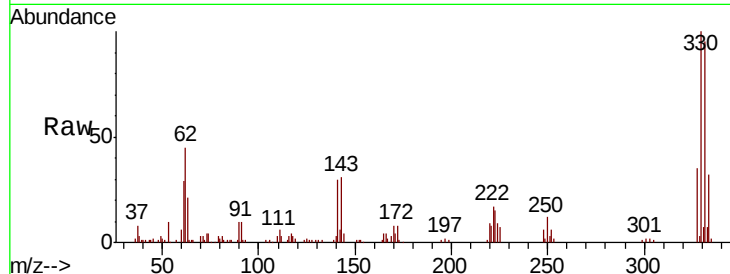




#42
 2,4,6-Tribromophenol
 Concen: 87.820 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110751.D
 Acq: 14 Nov 2018 6:28

Instrument :
 BNA_F
 ClientSampleId :
 110918-DBRI-F-D-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.1	115.7
141	37.3	27.0	40.4

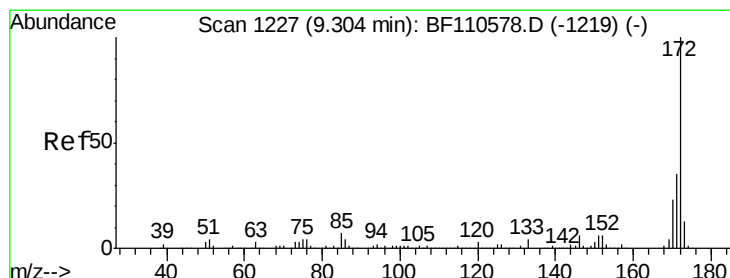
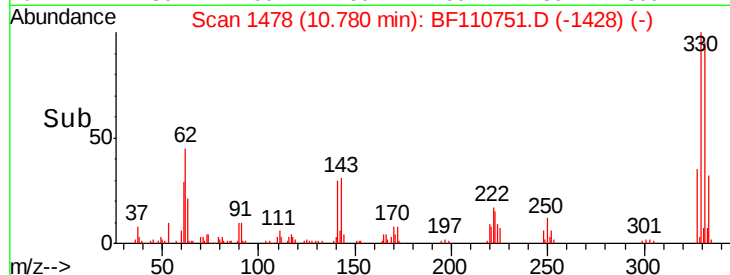
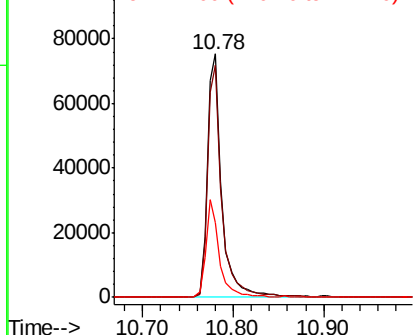


Abundance

Ion 329.80 (329.50 to 330.50): E

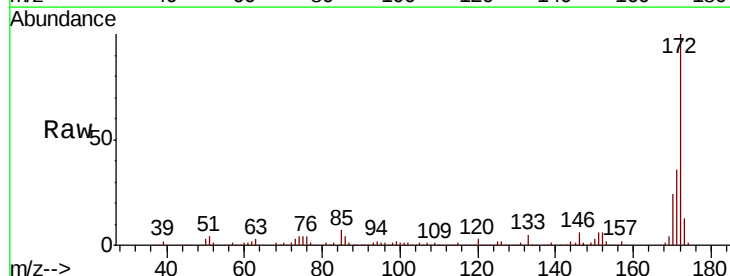
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 116.686 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110751.D
 Acq: 14 Nov 2018 6:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	23.6	19.7	29.5

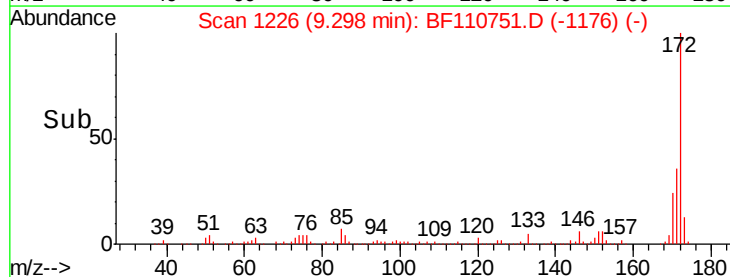
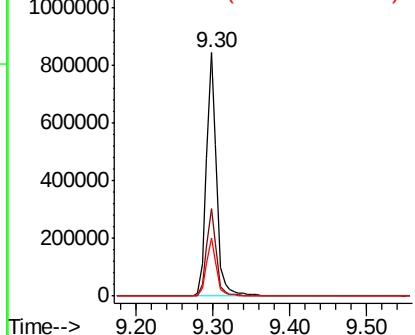


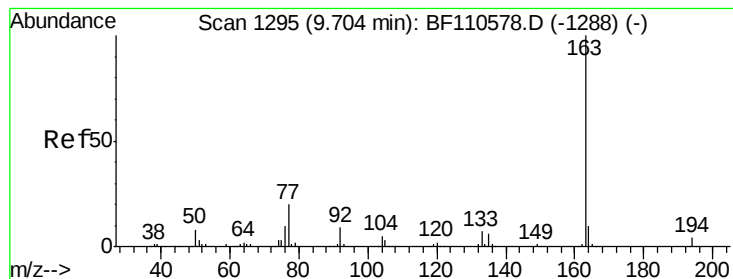
Abundance

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: 2.084 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF110751.D

Acq: 14 Nov 2018 6:28

Instrument :

BNA_F

ClientSampleId :

110918-DBRI-F-D-B

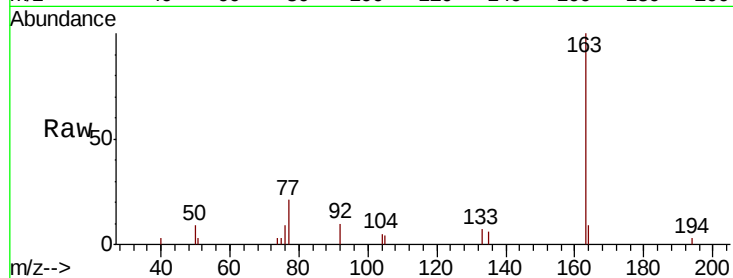
Tgt Ion:163 Resp: 14880

Ion Ratio Lower Upper

163 100

194 3.4 3.2 4.8

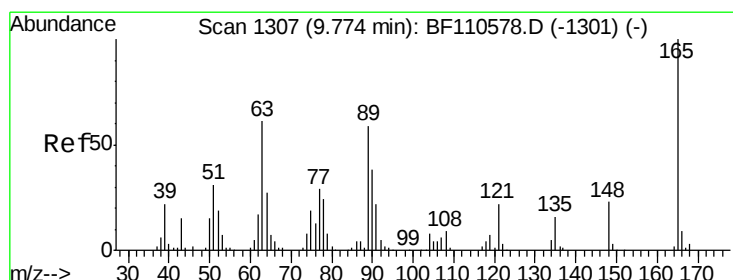
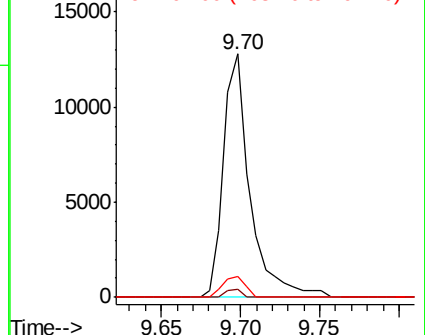
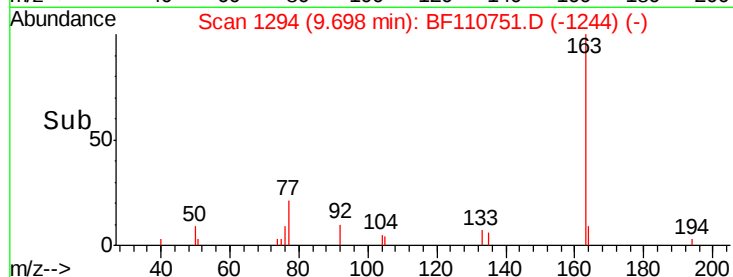
164 8.6 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 7.300 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

Lab File: BF110751.D

Acq: 14 Nov 2018 6:28

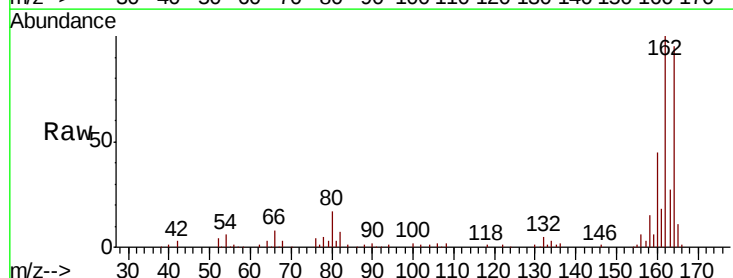
Tgt Ion:165 Resp: 11468

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

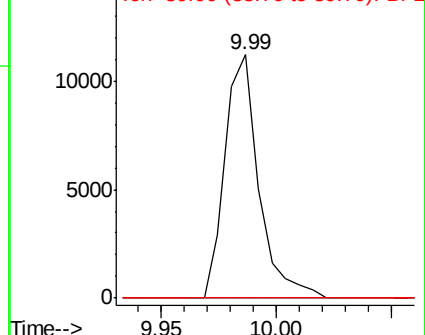
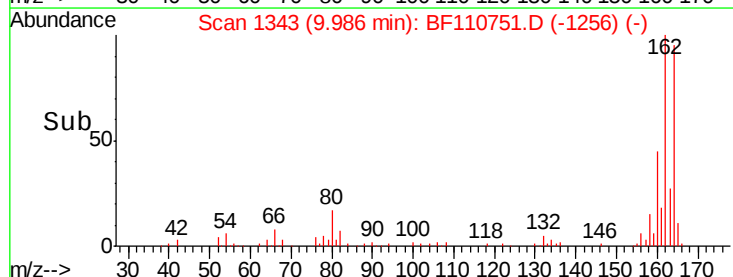
89 0.0 46.6 69.8#



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

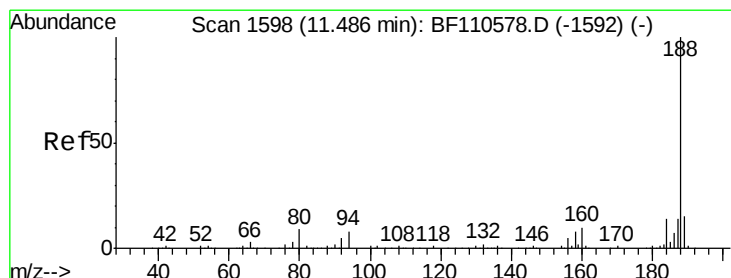
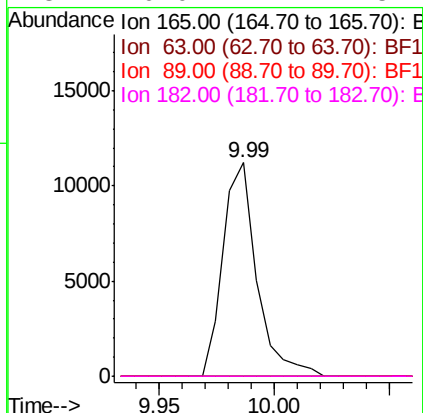
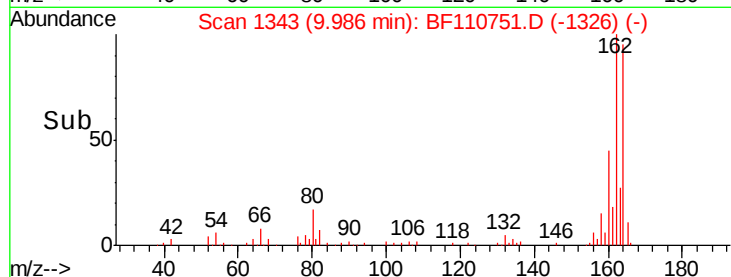
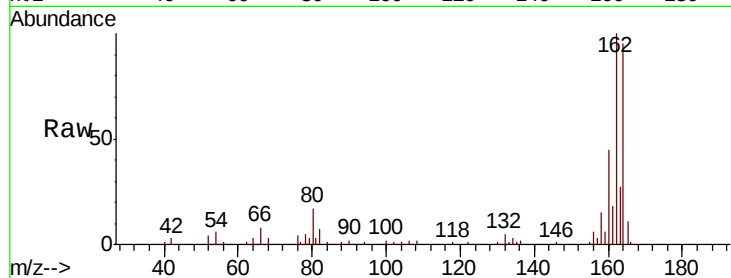




#57
 2,4-Dinitrotoluene
 Concen: 5.614 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110751.D
 Acq: 14 Nov 2018 6:28

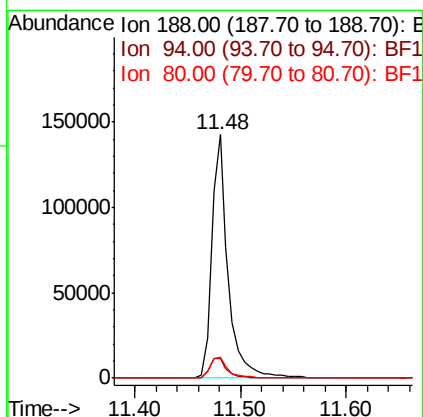
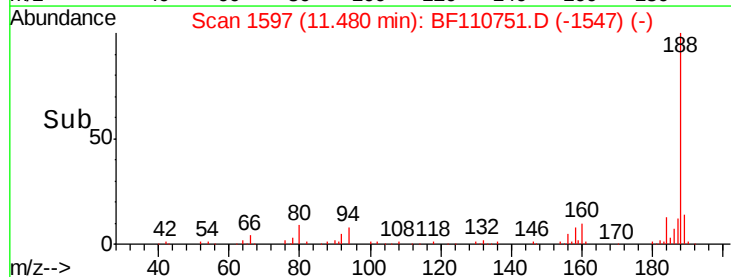
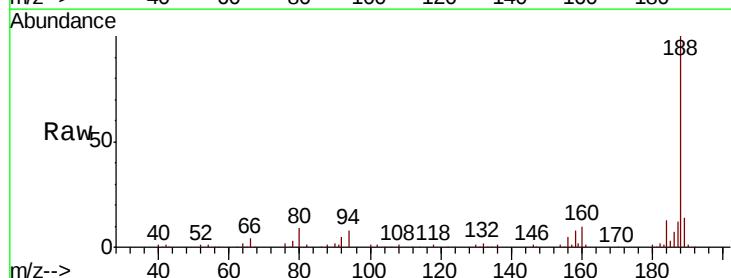
Instrument :
 BNA_F
 ClientSampleId :
 110918-DBRI-F-D-B

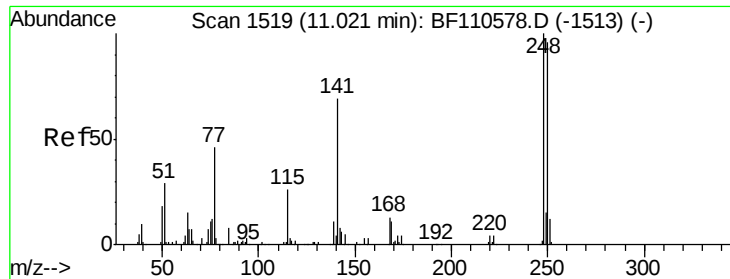
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110751.D
 Acq: 14 Nov 2018 6:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.7	7.9	11.9

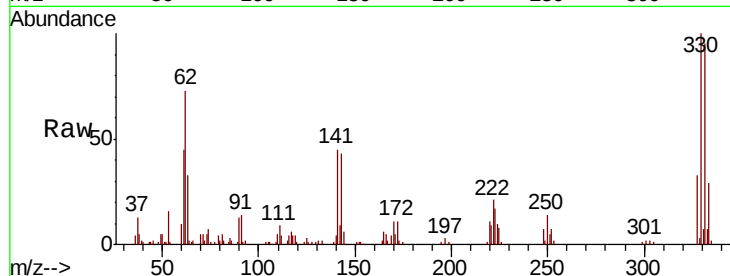




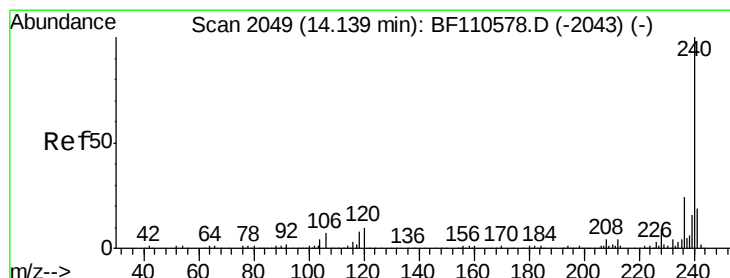
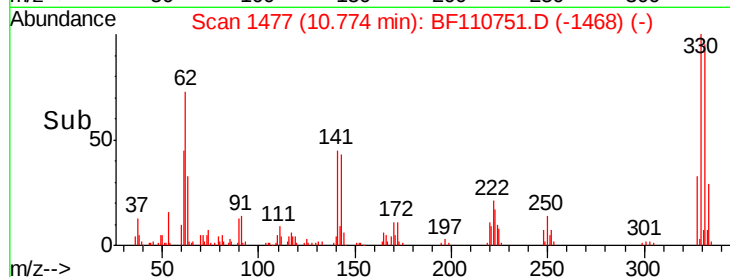
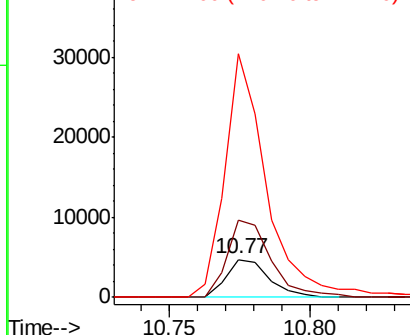
#67
 4-Bromophenyl-phenylether
 Concen: 2.946 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110751.D
 Acq: 14 Nov 2018 6:28

Instrument :
 BNA_F
 ClientSampleId :
 110918-DBRI-F-D-B

Tgt Ion:248 Resp: 4995
 Ion Ratio Lower Upper
 248 100
 250 201.7 79.4 119.2#
 141 637.6 55.9 83.9#

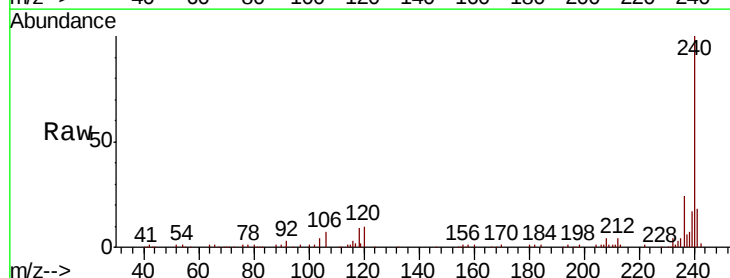


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

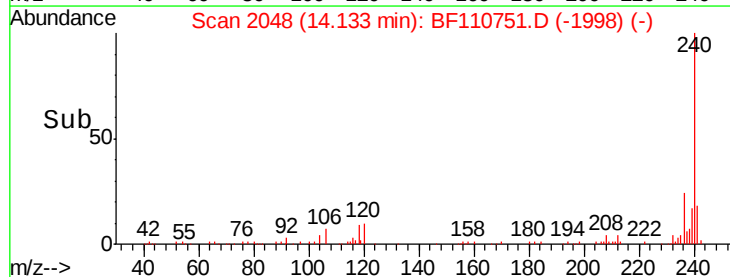
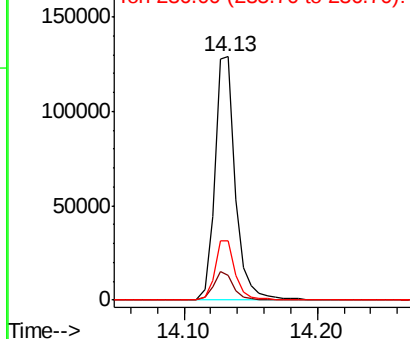


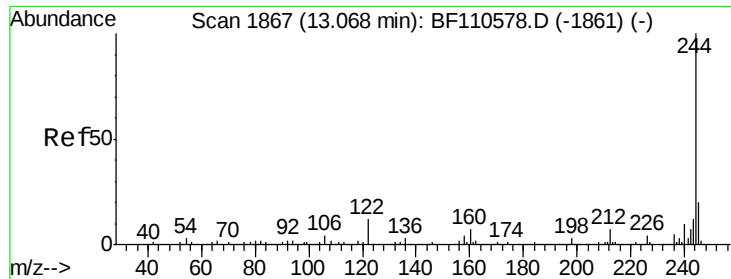
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110751.D
 Acq: 14 Nov 2018 6:28

Tgt Ion:240 Resp: 139558
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.3 12.5
 236 24.3 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: 76.892 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110751.D

Acq: 14 Nov 2018 6:28

Instrument :

BNA_F

ClientSampleId :

110918-DBRI-F-D-B

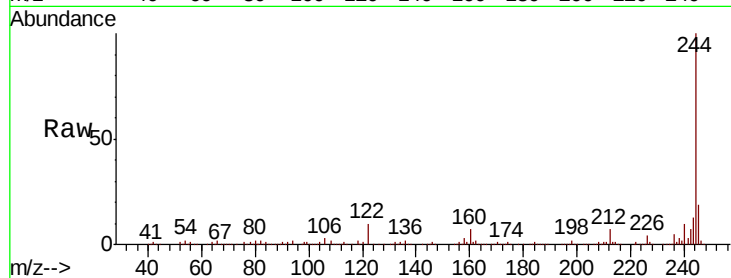
Tgt Ion:244 Resp: 572999

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

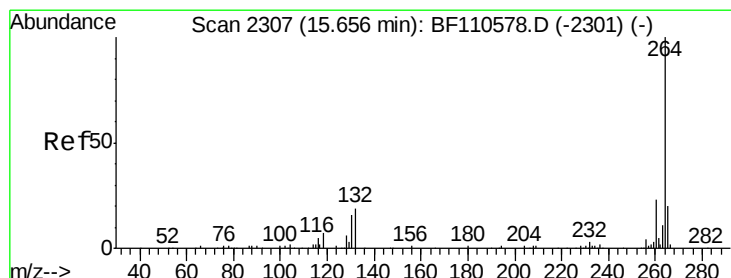
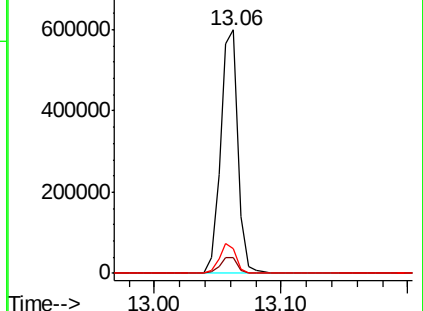
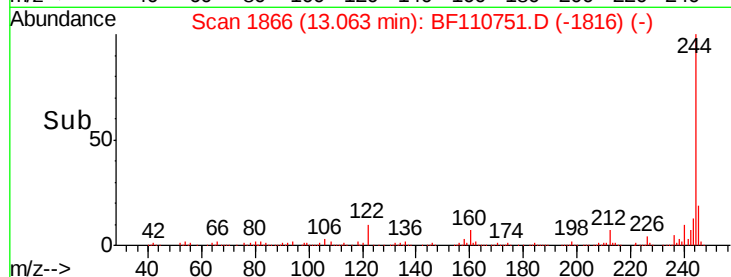
122 10.2 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110751.D

Acq: 14 Nov 2018 6:28

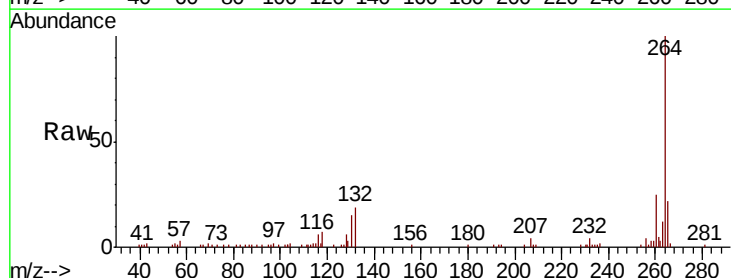
Tgt Ion:264 Resp: 85356

Ion Ratio Lower Upper

264 100

260 25.1 18.7 28.1

265 22.4 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

