

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110802.D
 Acq On : 15 Nov 2018 21:35
 Operator : JU/SJ
 Sample : J5950-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 04:29:53 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

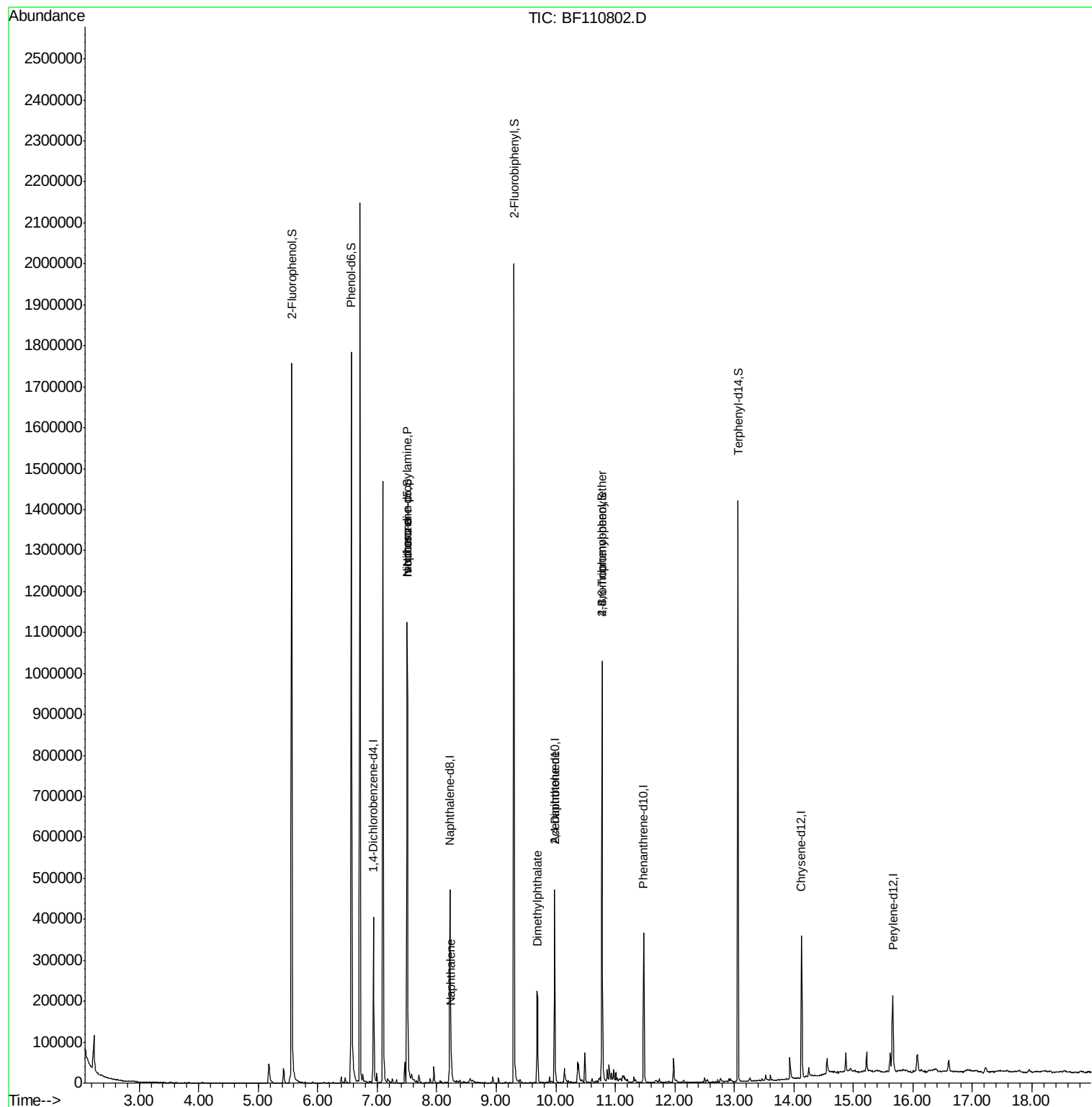
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57491	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	224256	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	95631	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	151663	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	133853	20.00	ng	-0.01
87) Perylene-d12	15.66	264	96102	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	506727	143.17	ng	0.00
7) Phenol-d6	6.57	99	625820	138.27	ng	0.00
23) Nitrobenzene-d5	7.50	82	385289	98.94	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	120842	125.41	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	640368	95.63	ng	0.00
79) Terphenyl-d14	13.06	244	475279	66.50	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	493	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.50	70	52070	18.023 ng	#	82
25) Isophorone	7.50	82	385286	60.367 ng	#	67
31) Naphthalene	8.25	128	28647	2.721 ng		99
50) Dimethylphthalate	9.69	163	102729	14.396 ng		99
57) 2,4-Dinitrotoluene	9.98	165	12352	6.052 ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	7641	4.559 ng	#	1

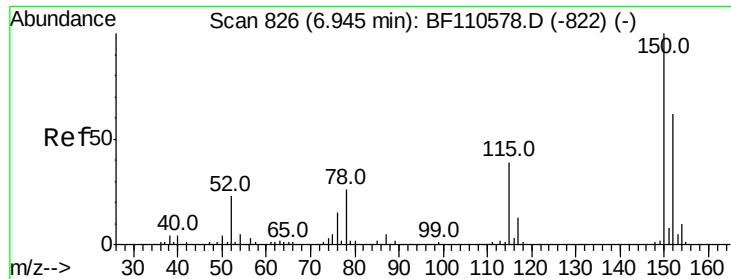
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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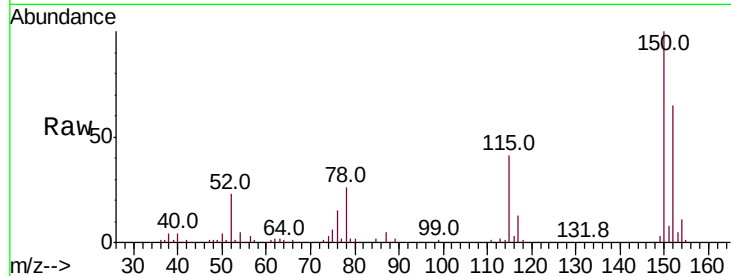


#1

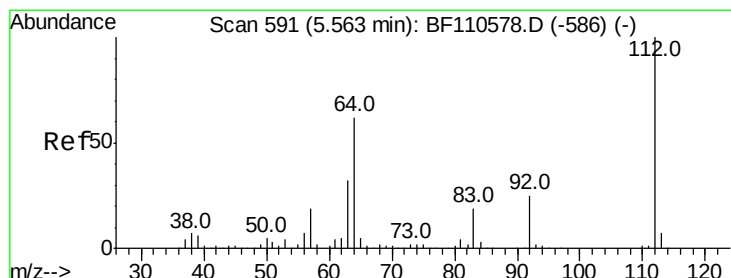
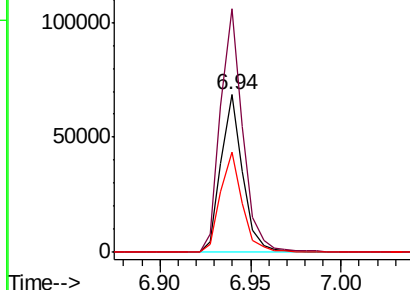
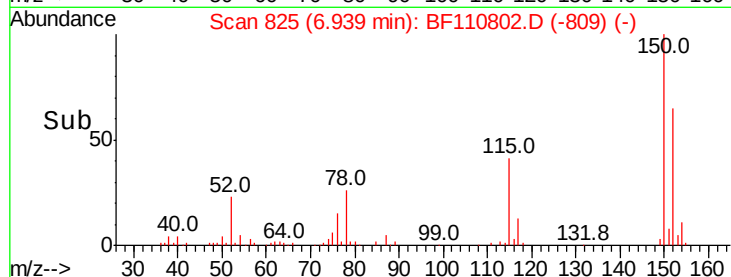
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57491
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 63.5 49.1 73.7



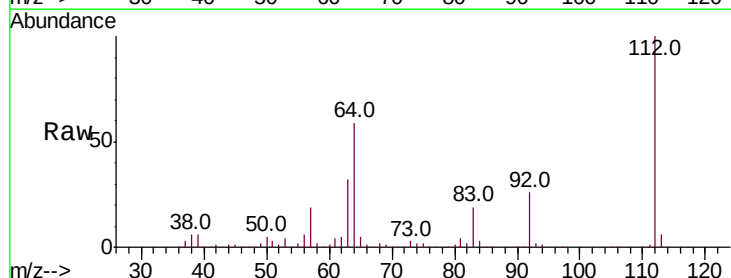
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



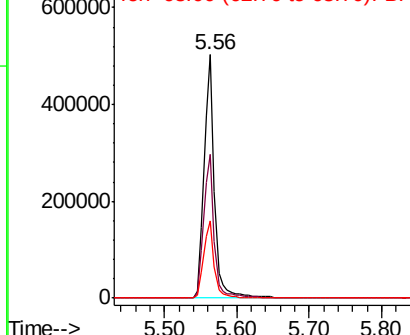
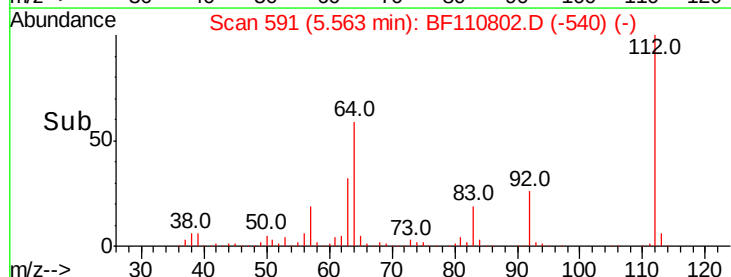
#5

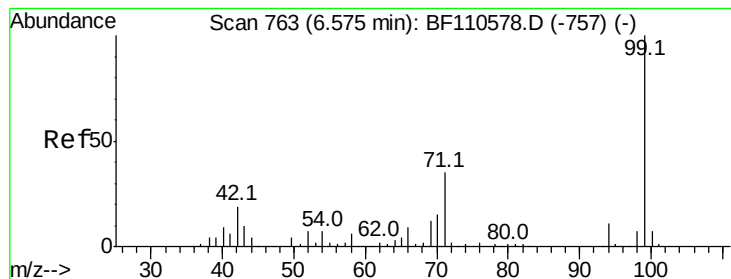
2-Fluorophenol
Concen: 143.167 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion:112 Resp: 506727
Ion Ratio Lower Upper
112 100
64 59.3 44.1 66.1
63 31.6 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: 138.271 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110802.D

Acq: 15 Nov 2018 21:35

Instrument :

BNA_F

ClientSampleId :

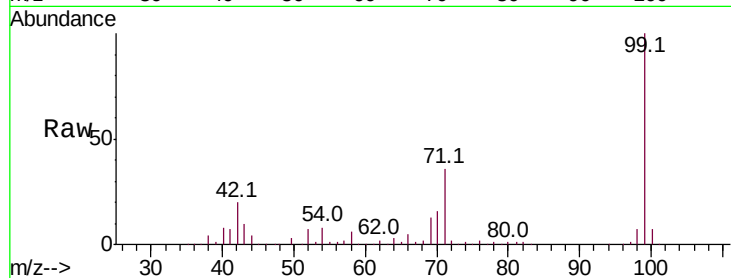
Tot Ion: 99 Resp: 625820

Ion Ratio Lower Upper

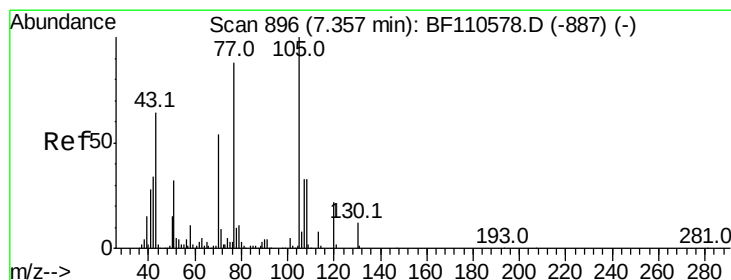
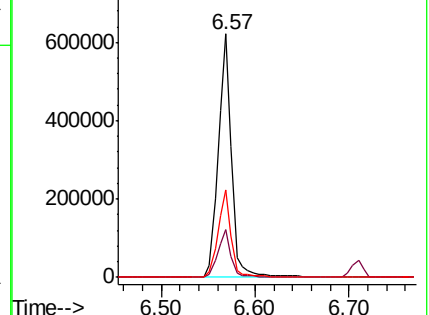
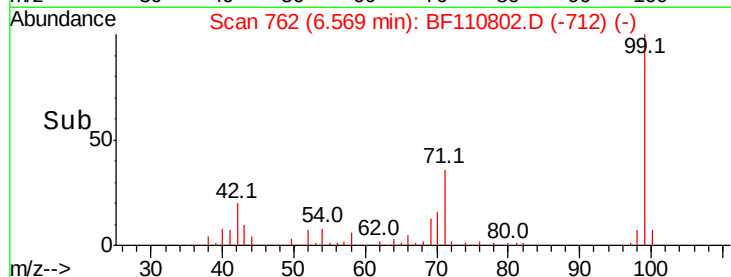
99 100

42 19.6 15.8 23.6

71 35.9 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: 18.023 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110802.D

Acq: 15 Nov 2018 21:35

Tgt Ion: 70 Resp: 52070

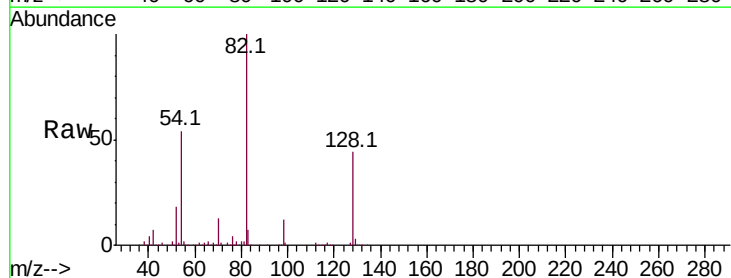
Ion Ratio Lower Upper

70 100

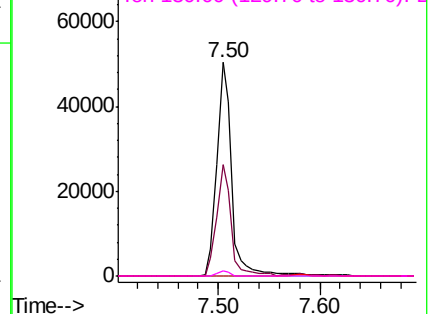
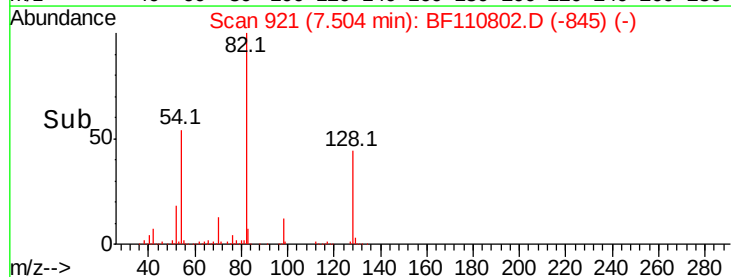
42 52.0 47.4 71.2

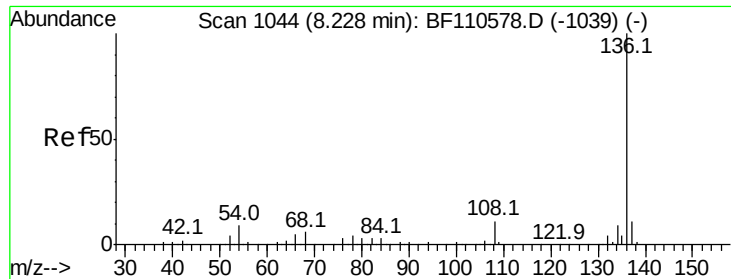
101 0.0 7.3 10.9#

130 2.3 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

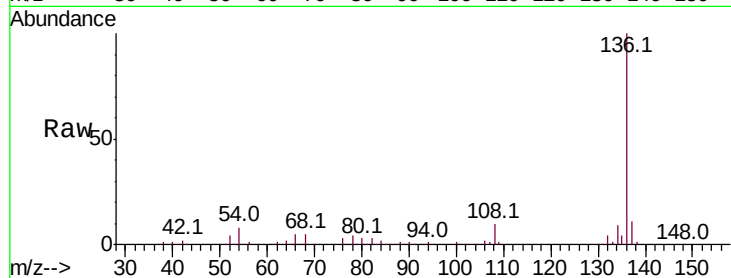




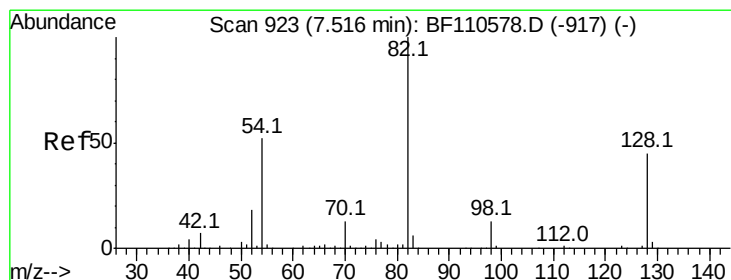
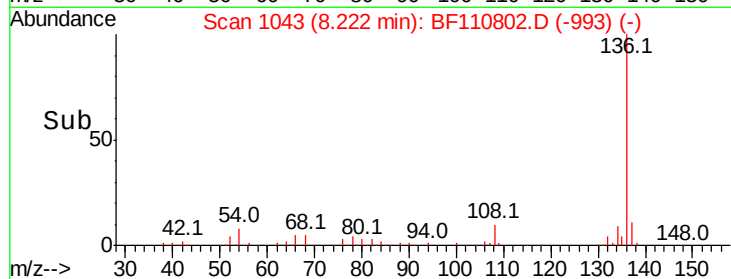
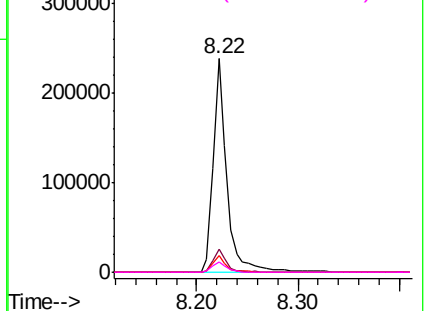
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	224256
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.8 13.2
54	7.9	5.4 8.2
68	4.7	4.2 6.2

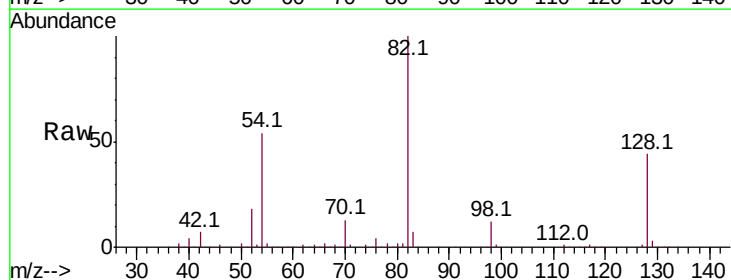


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

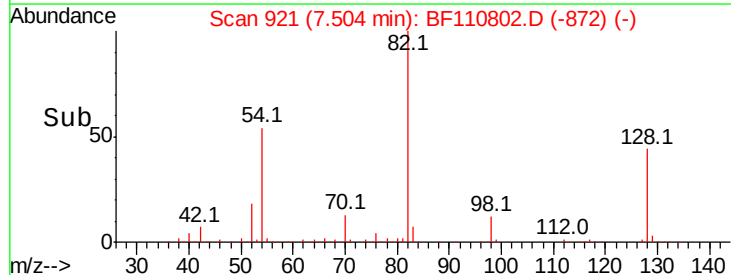
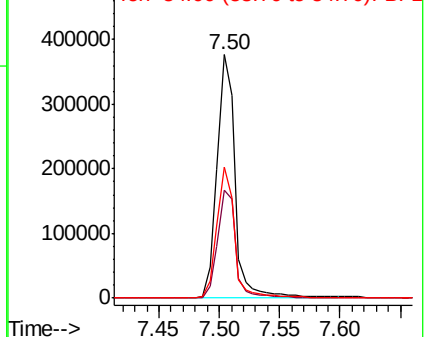


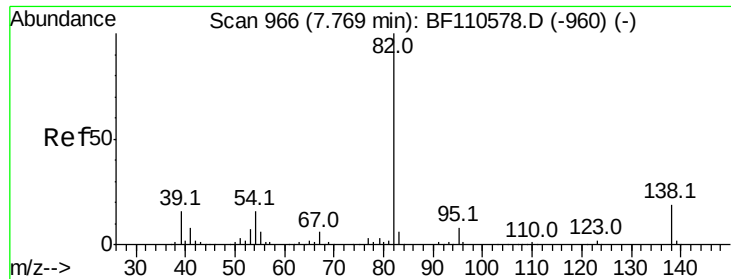
#23
Nitrobenzene-d5
Concen: 98.943 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion: 82	Resp:	385289
Ion Ratio	Lower	Upper
82	100	
128	44.2	34.2 51.2
54	53.9	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: 60.367 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110802.D

Acq: 15 Nov 2018 21:35

Instrument :

BNA_F

ClientSampled :

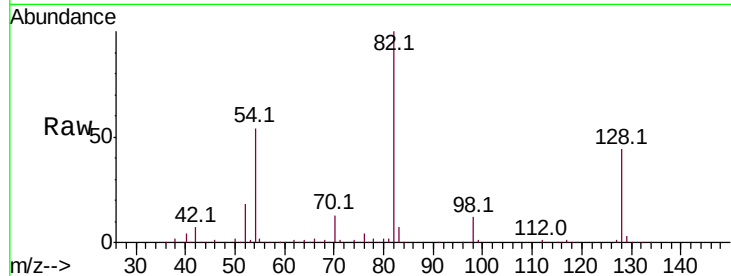
Tot Ion: 82 Resp: 385286

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

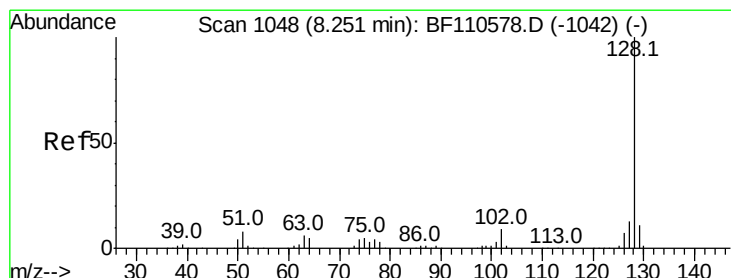
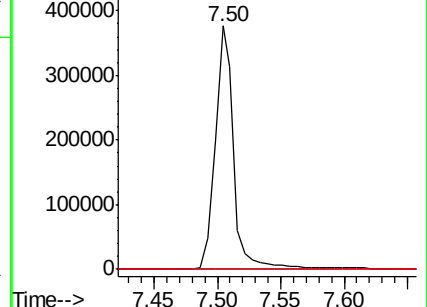
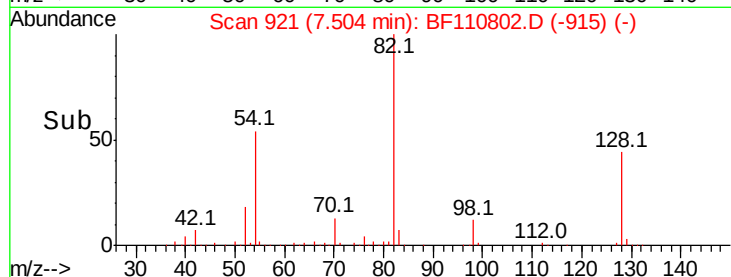
138 0.0 13.2 19.8#



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



#31

Naphthalene

Concen: 2.721 ng

RT: 8.25 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF110802.D

Acq: 15 Nov 2018 21:35

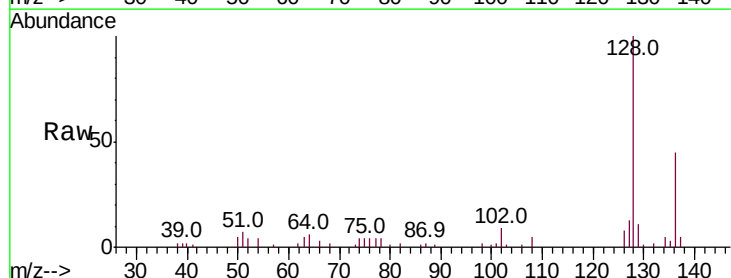
Tgt Ion: 128 Resp: 28647

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

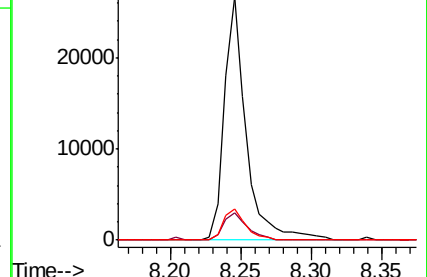
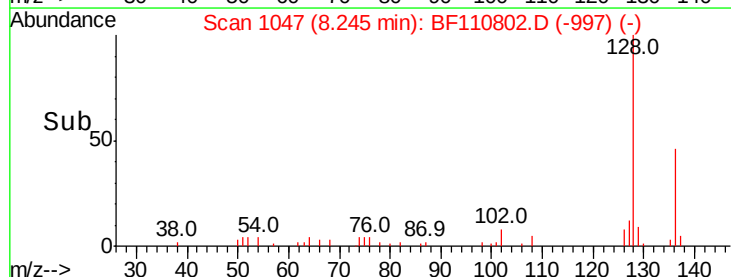
127 12.8 10.8 16.2

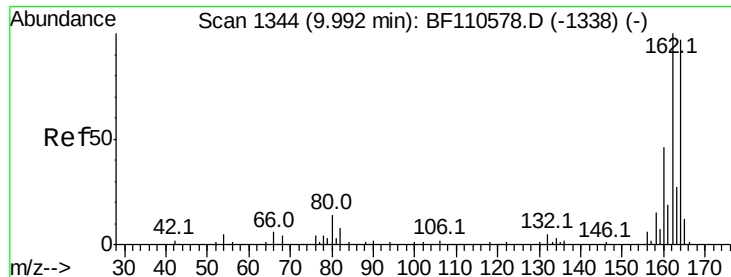


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

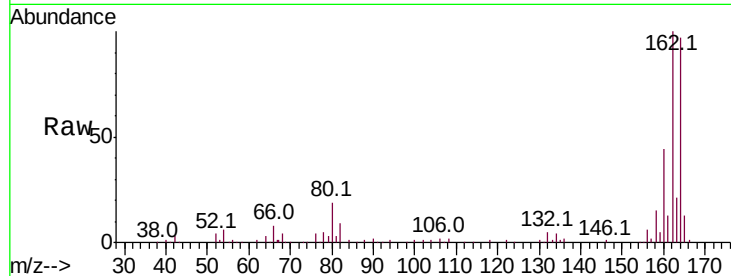




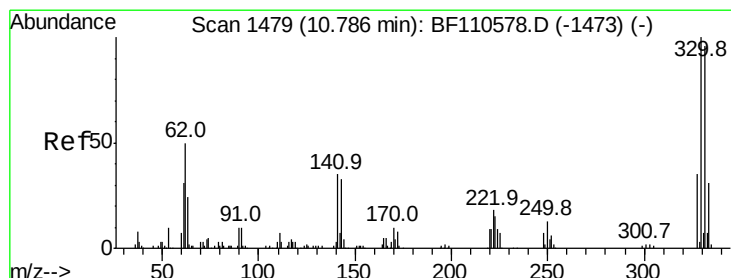
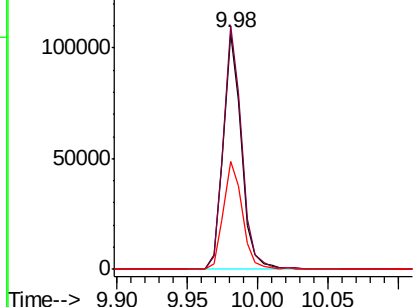
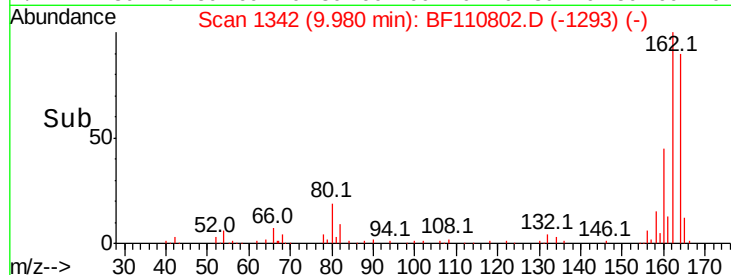
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 95631
Ion Ratio Lower Upper
164 100
162 103.0 83.0 124.6
160 45.7 37.0 55.6

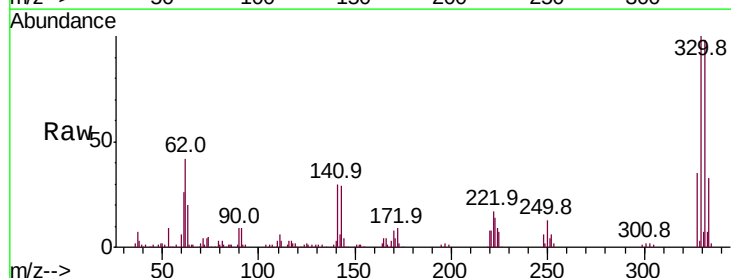


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

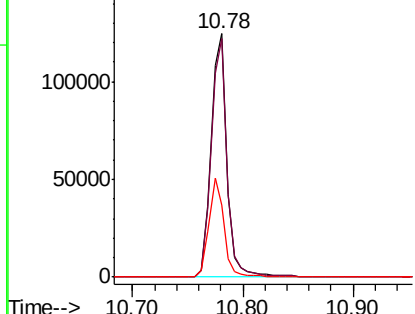
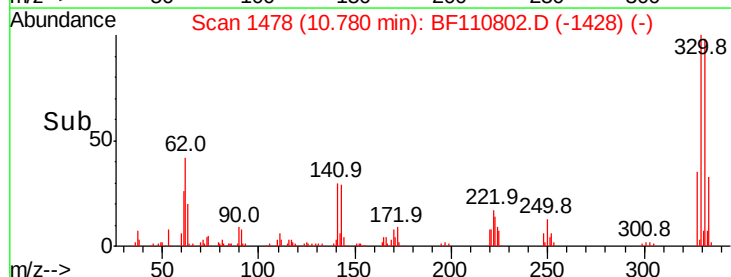


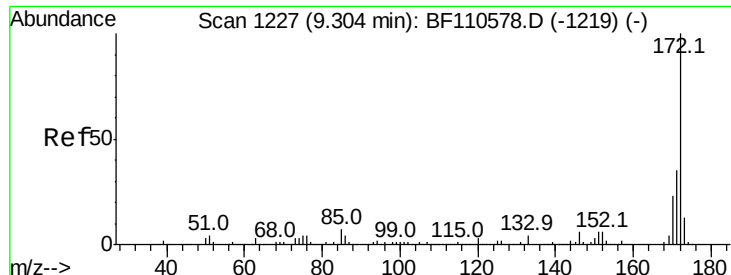
#42
2,4,6-Tribromophenol
Concen: 125.407 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion:330 Resp: 120842
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 38.9 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

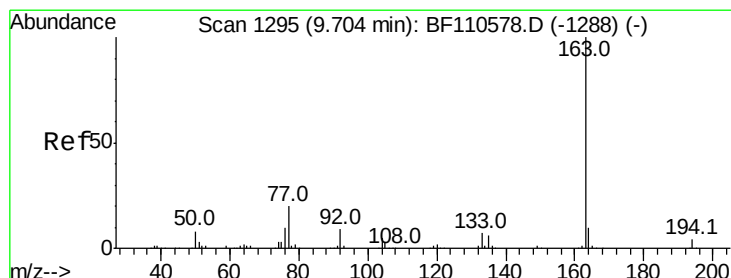
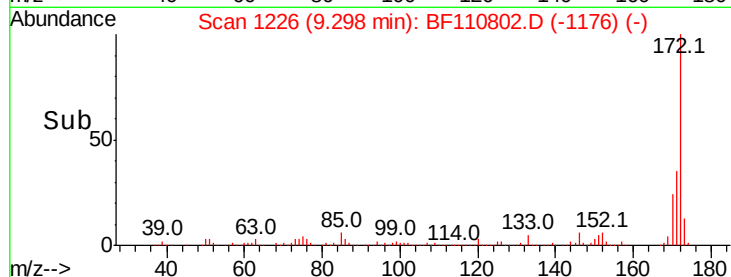
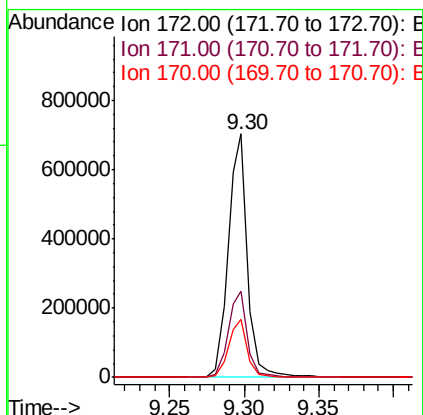
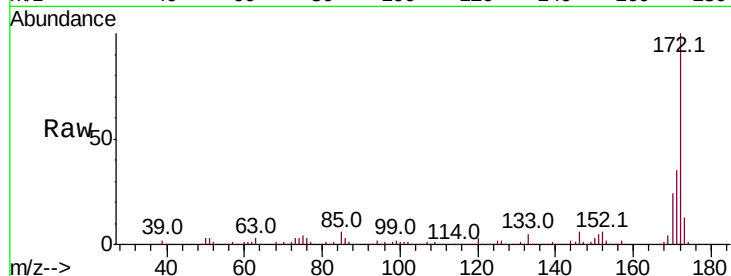




#45
2-Fluorobiphenyl
Concen: 95.634 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

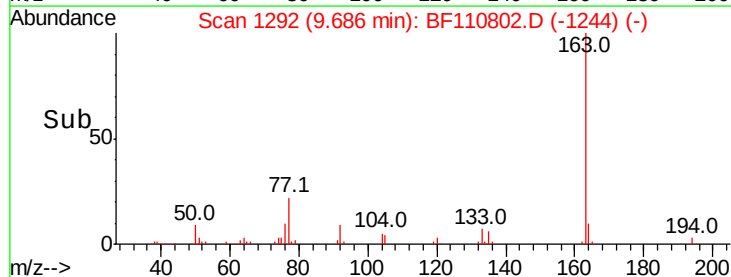
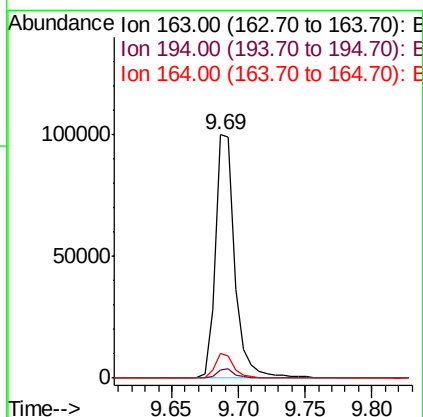
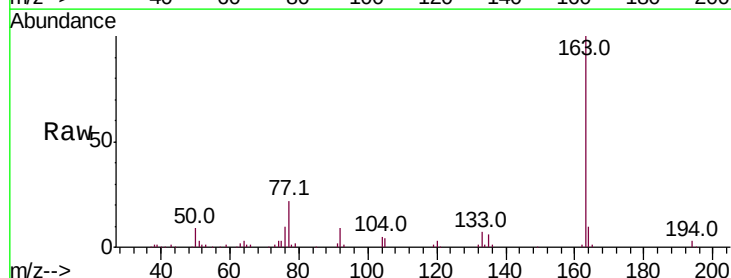
Instrument :
BNA_F
ClientSampleId :

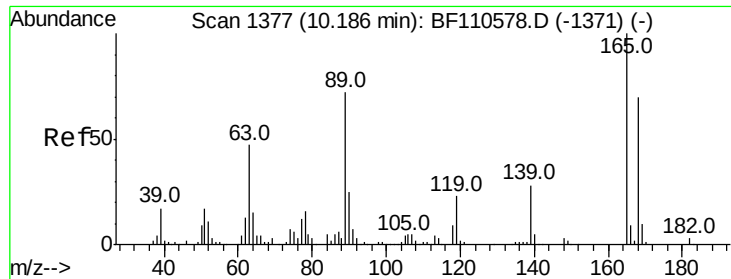
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.6	19.7	29.5



#50
Dimethylphthalate
Concen: 14.396 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.0	8.1	12.1

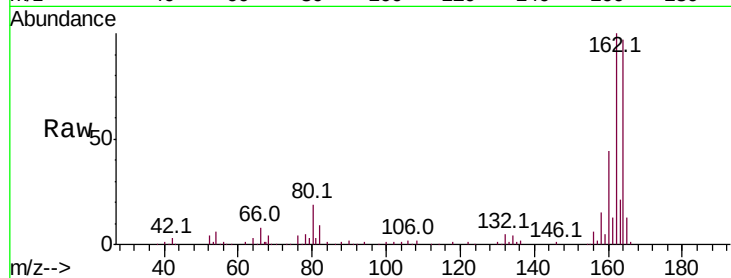




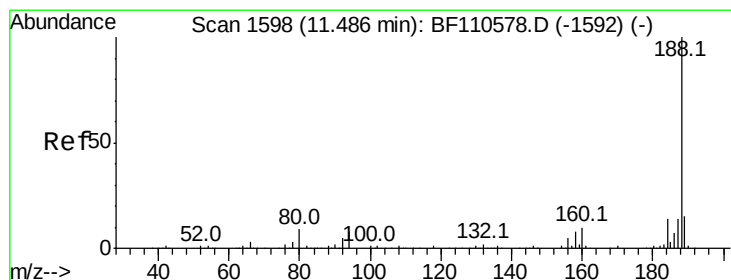
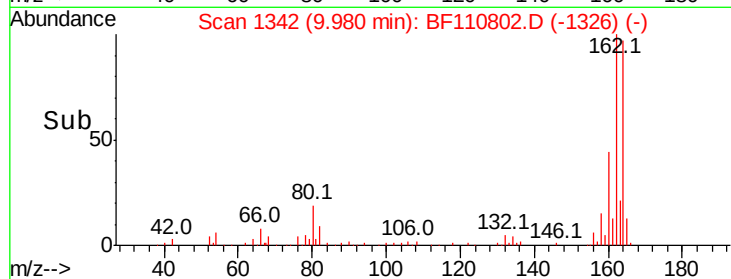
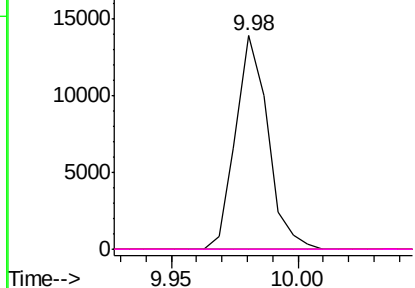
#57
 2,4-Dinitrotoluene
 Concen: 6.052 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110802.D
 Acq: 15 Nov 2018 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	12352
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#

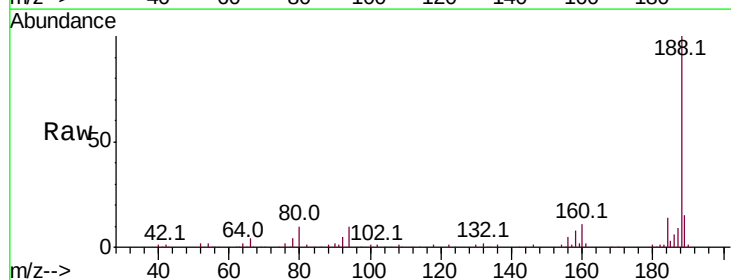


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

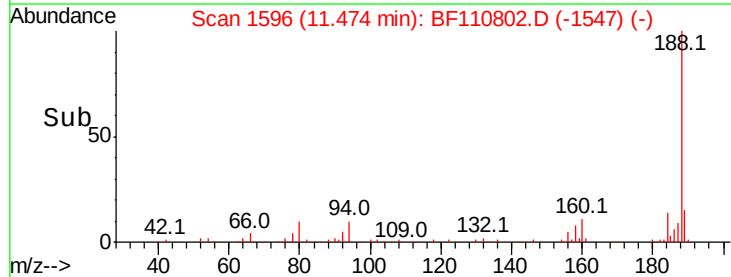
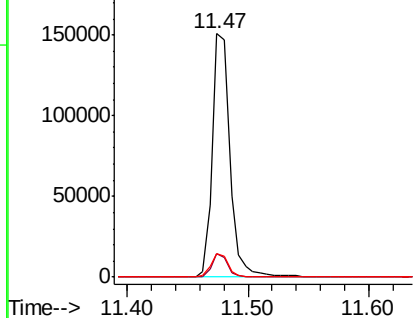


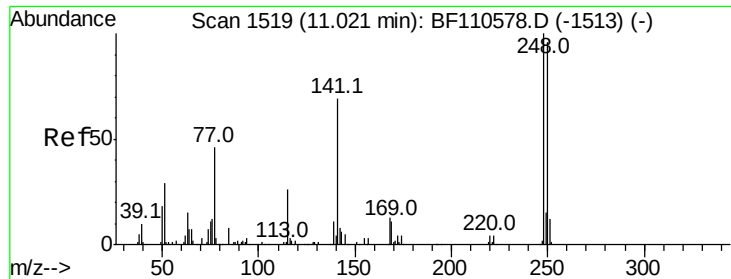
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF110802.D
 Acq: 15 Nov 2018 21:35

Tgt	Ion:188	Resp:	151663
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.2	10.8
80	9.6	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

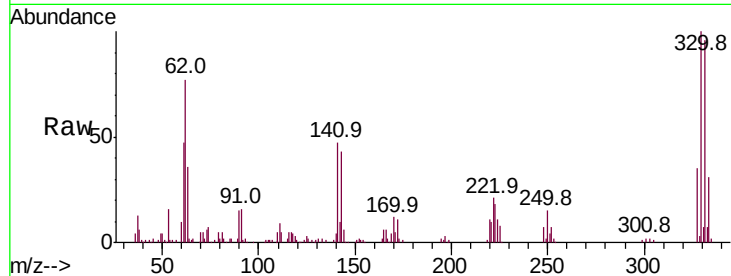




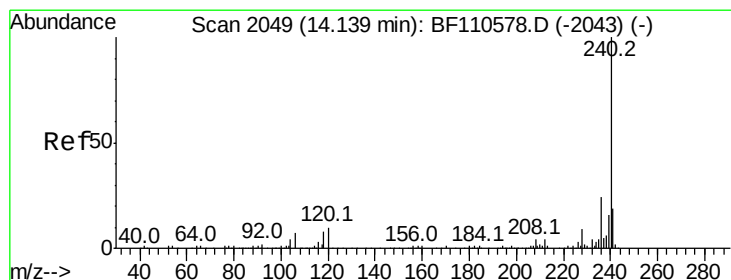
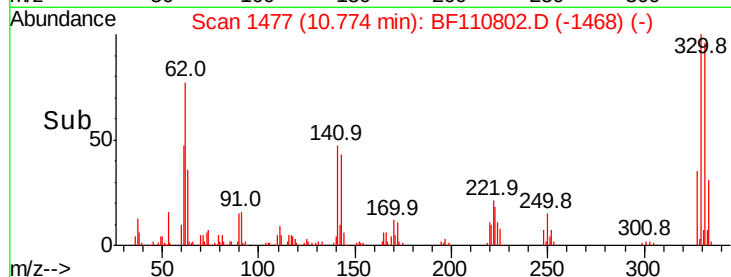
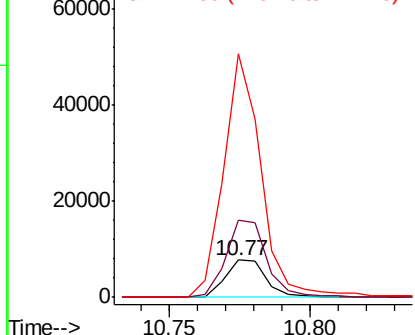
#67
4-Bromophenyl-phenylether
Concen: 4.559 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7641
Ion Ratio Lower Upper
248 100
250 206.1 79.4 119.2#
141 649.7 55.9 83.9#

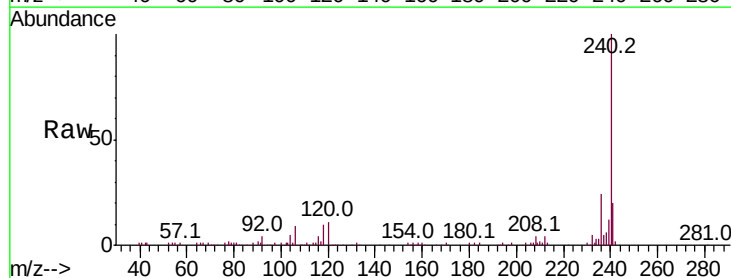


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

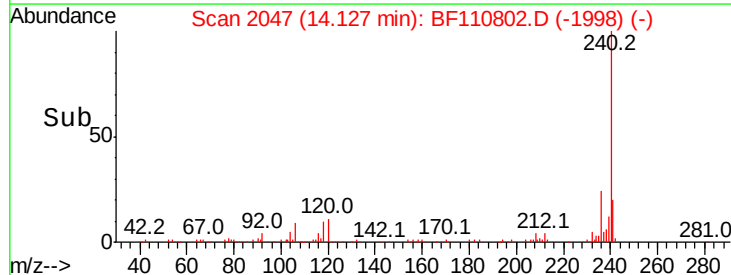
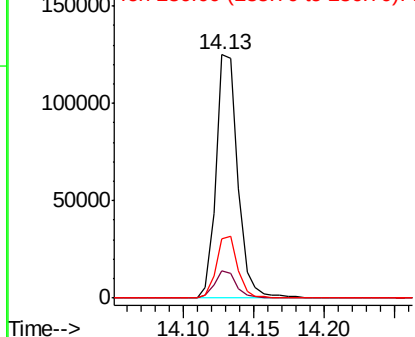


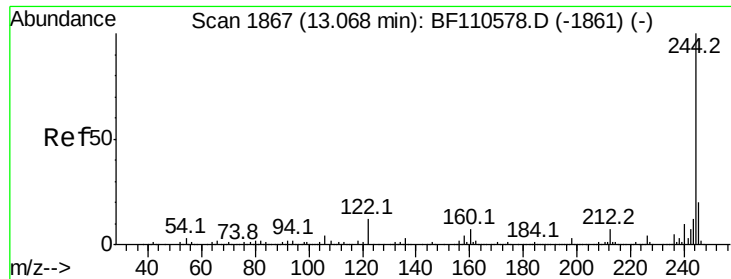
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110802.D
Acq: 15 Nov 2018 21:35

Tgt Ion:240 Resp: 133853
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 24.1 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: 66.497 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110802.D

Acq: 15 Nov 2018 21:35

Instrument :

BNA_F

ClientSampleId :

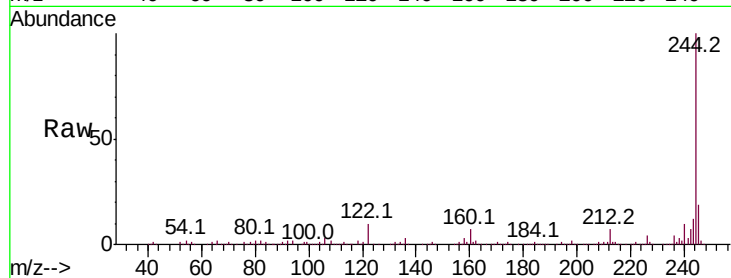
Tot Ion:244 Resp: 475279

Ion Ratio Lower Upper

244 100

212 6.6 5.8 8.8

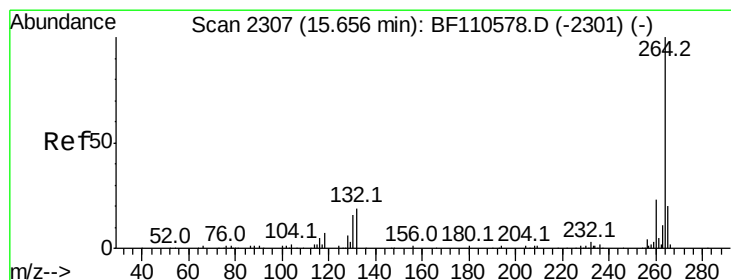
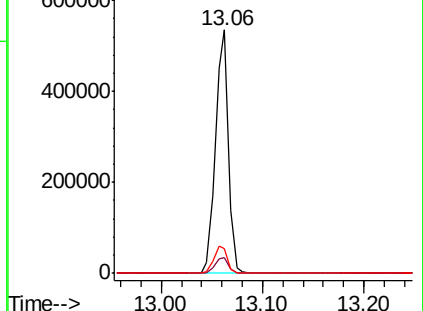
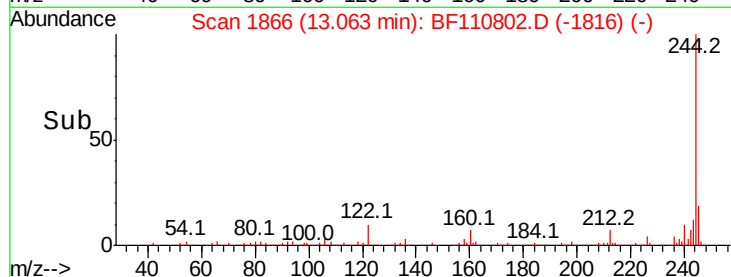
122 10.1 8.7 13.1



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: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110802.D

Acq: 15 Nov 2018 21:35

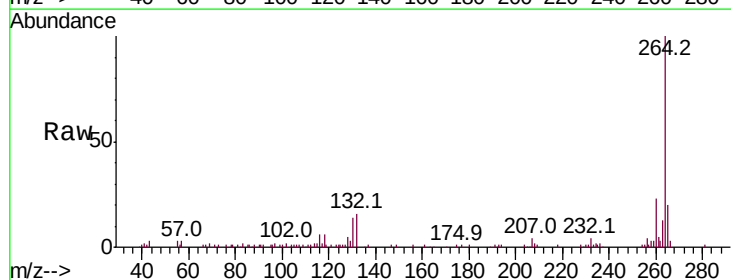
Tgt Ion:264 Resp: 96102

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 20.4 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

