

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110518.D
 Acq On : 6 Nov 2018 16:42
 Operator : JU/SJ
 Sample : J5819-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 06 17:14:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	80728	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	332883	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	164060	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	329583	20.00	ng	0.00
76) Chrysene-d12	14.14	240	197143	20.00	ng	0.00
87) Perylene-d12	15.66	264	156533	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	397472	80.18	ng	0.00
7) Phenol-d6	6.57	99	510343	80.49	ng	0.00
23) Nitrobenzene-d5	7.52	82	311692	55.54	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	125647	77.32	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	589533	56.43	ng	0.00
79) Terphenyl-d14	13.07	244	585435	61.76	ng	0.00

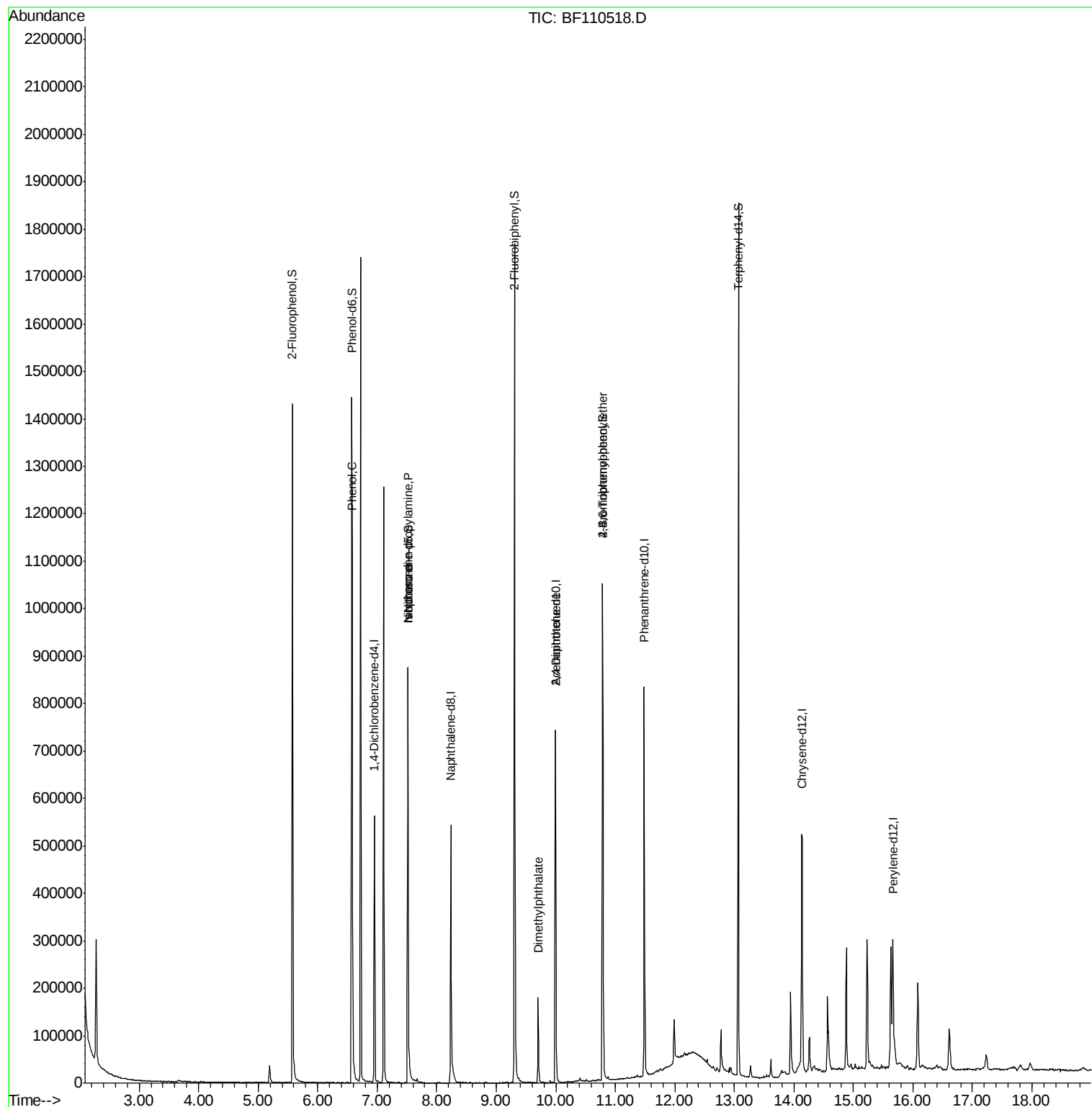
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	1138	Below Cal	#	1
10) Phenol	6.59	94	41741	6.158	ng	# 71
19) n-Nitroso-di-n-propylamine	7.52	70	41032	10.087	ng	# 82
25) Isophorone	7.52	82	311688	32.580	ng	# 67
50) Dimethylphthalate	9.70	163	86510	7.143	ng	# 99
57) 2,4-Dinitrotoluene	9.99	165	20791	6.275	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	7922	2.216	ng	# 1

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

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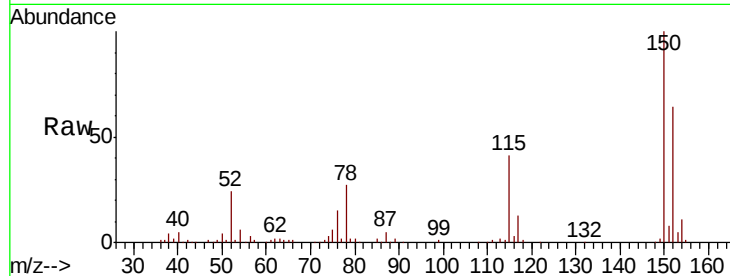


#1

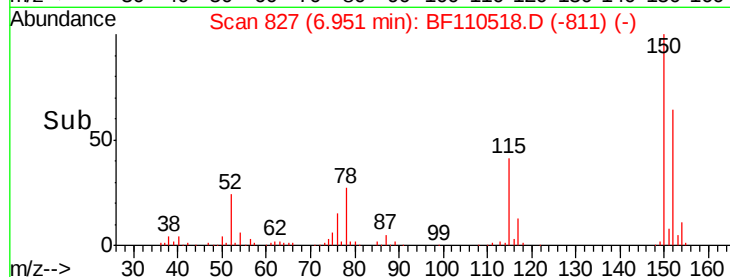
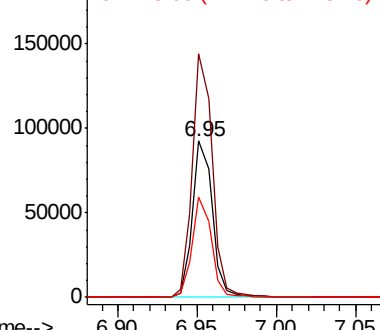
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 80728
Ion Ratio Lower Upper
152 100
150 155.8 122.7 184.1
115 64.3 49.1 73.7



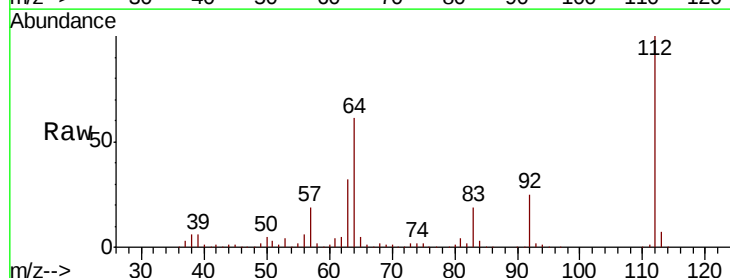
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



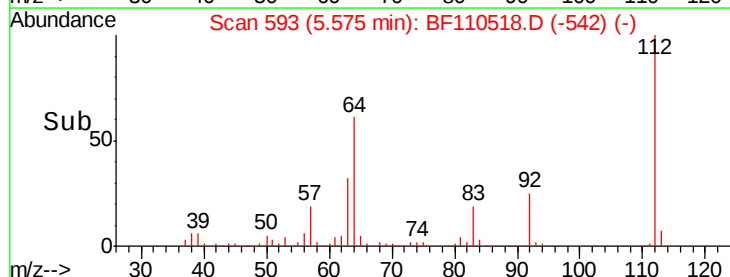
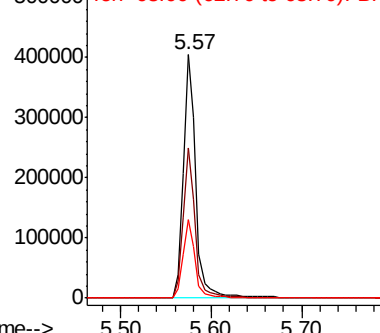
#5

2-Fluorophenol
Concen: 80.178 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

Tgt Ion:112 Resp: 397472
Ion Ratio Lower Upper
112 100
64 61.5 44.1 66.1
63 32.5 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: 80.485 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110518.D

Acq: 6 Nov 2018 16:42

Instrument :

BNA_F

ClientSampleId :

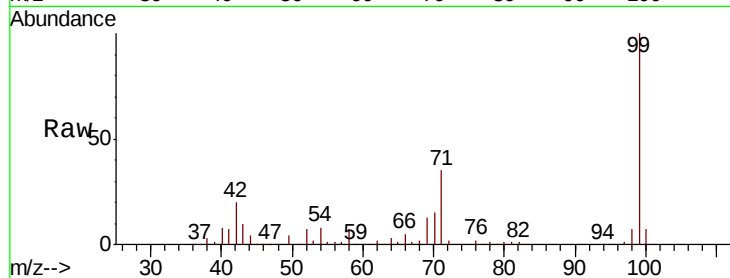
Tot Ion: 99 Resp: 510343

Ion Ratio Lower Upper

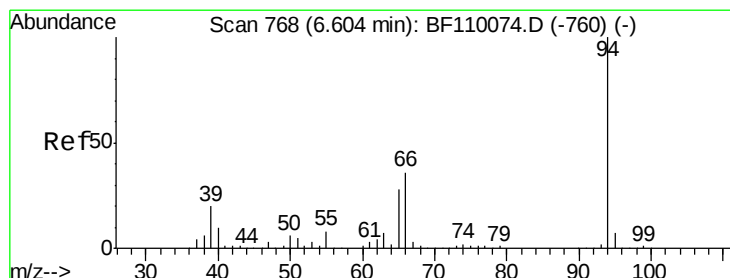
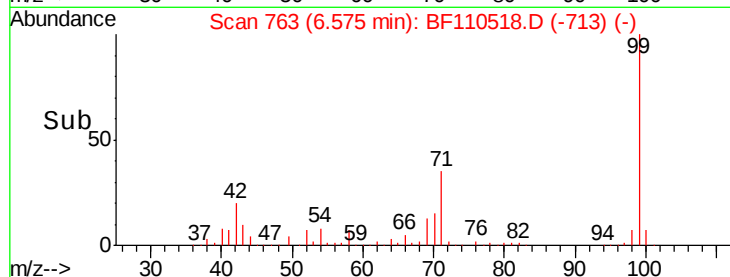
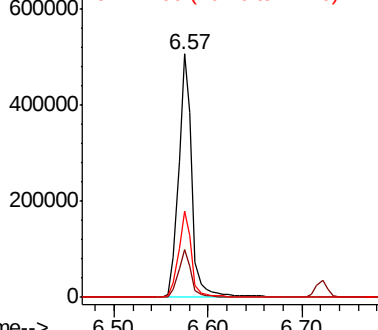
99 100

42 19.7 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



#10

Phenol

Concen: 6.158 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110518.D

Acq: 6 Nov 2018 16:42

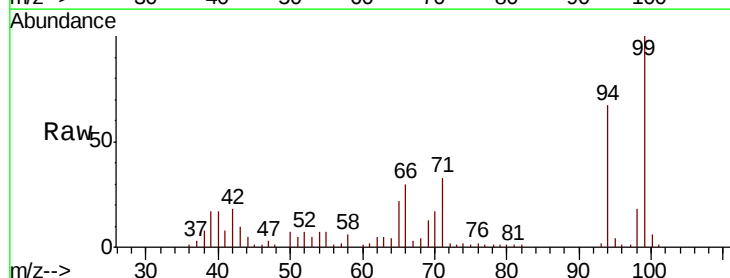
Tgt Ion: 94 Resp: 41741

Ion Ratio Lower Upper

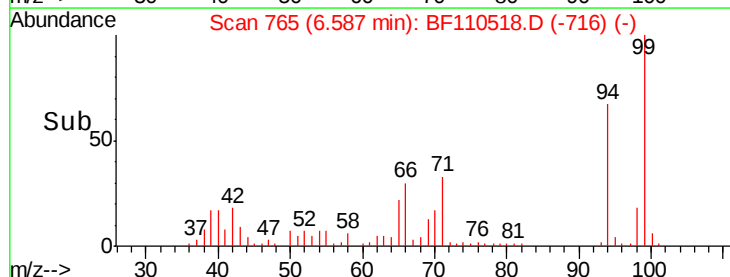
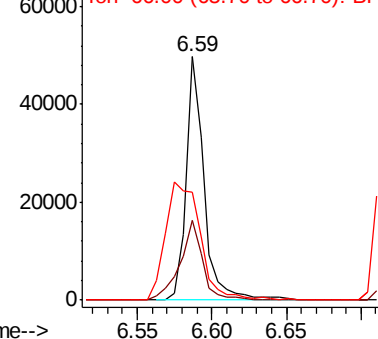
94 100

65 32.8 25.3 65.3

66 44.1 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

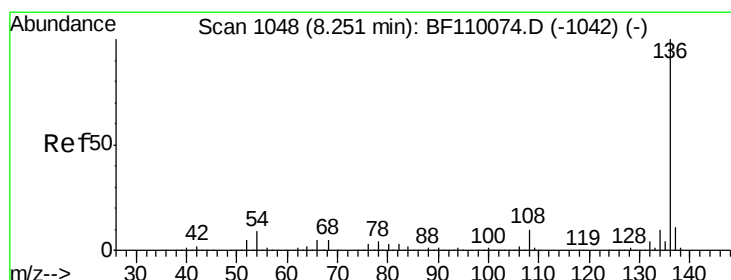
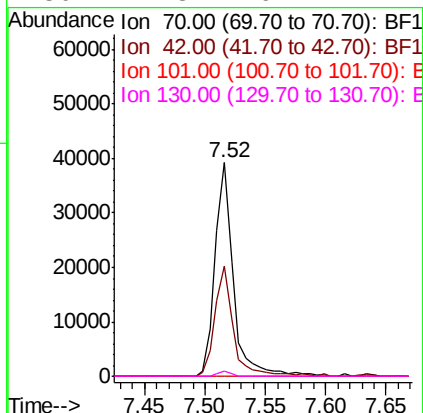
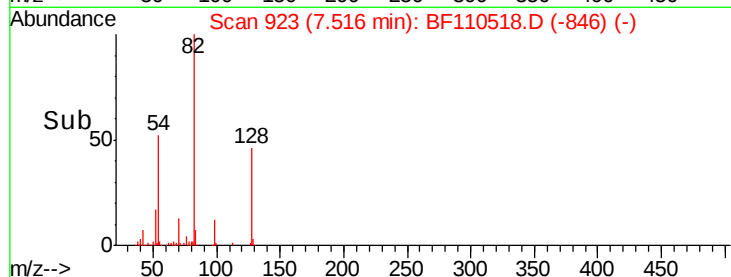
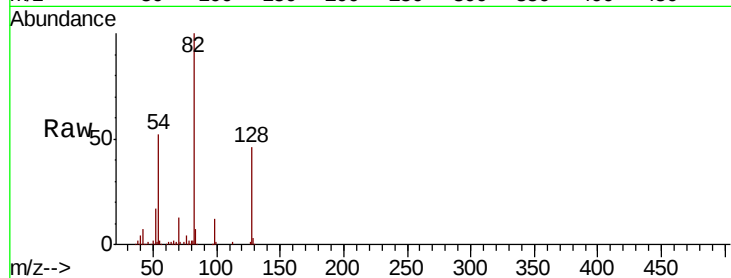




#19
n-Nitroso-di-n-propylamine
Concen: 10.087 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

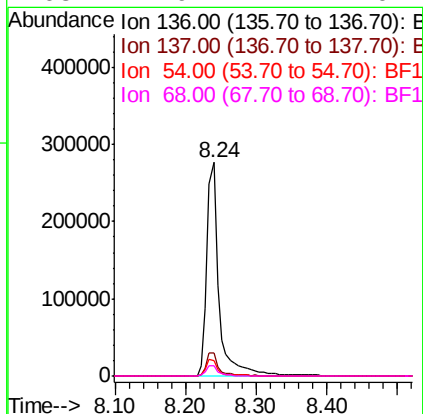
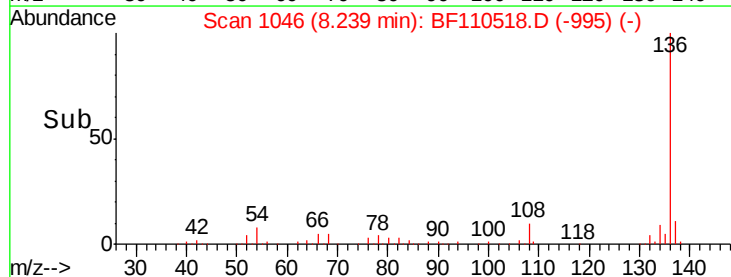
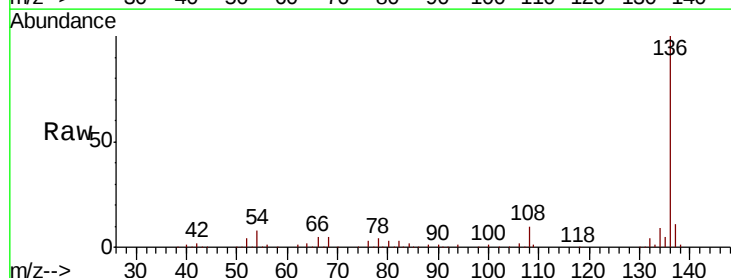
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 41032
Ion Ratio Lower Upper
70 100
42 51.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

Tgt Ion: 136 Resp: 332883
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 5.4 8.2
68 4.9 4.2 6.2

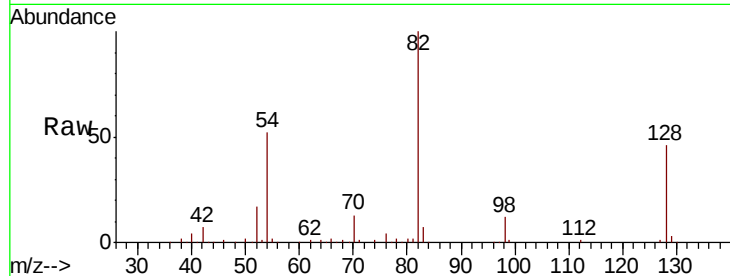




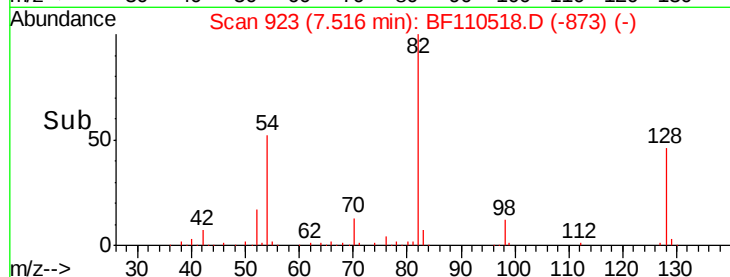
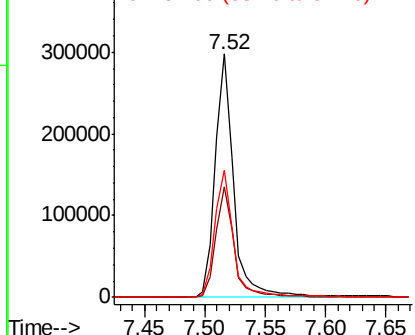
#23
Nitrobenzene-d5
Concen: 55.537 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 311692
Ion Ratio Lower Upper
82 100
128 45.6 34.2 51.2
54 52.3 38.6 58.0

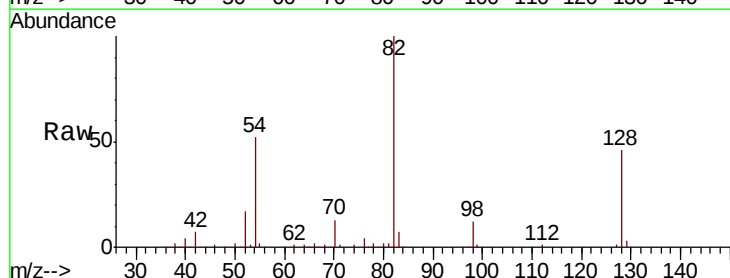


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

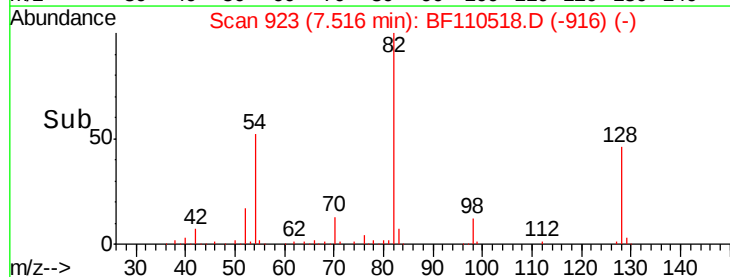
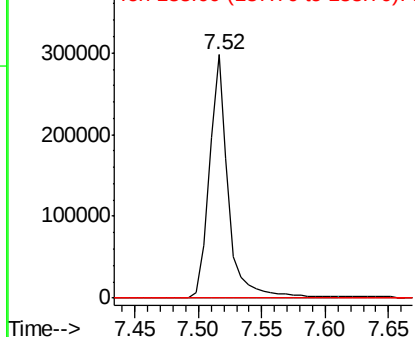


#25
Isophorone
Concen: 32.580 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

Tgt Ion: 82 Resp: 311688
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

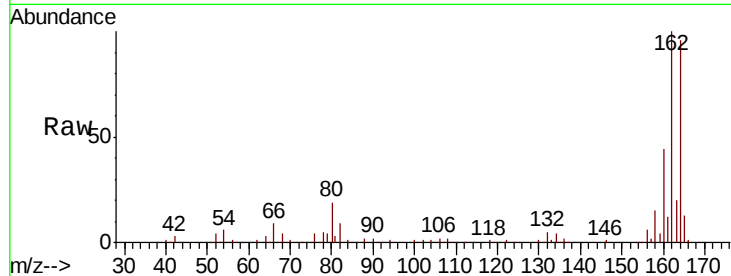




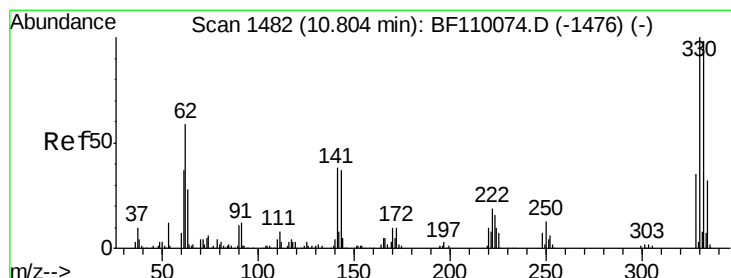
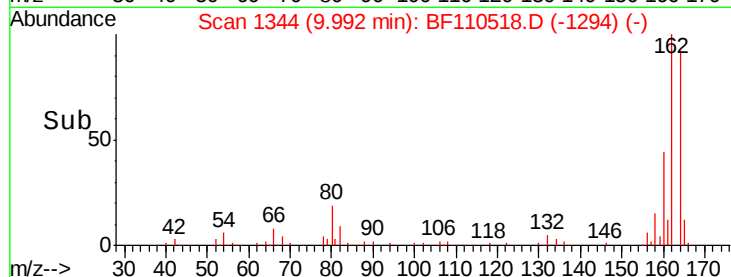
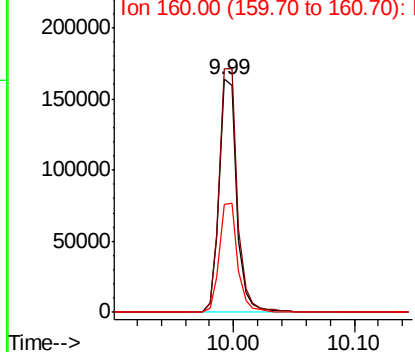
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 164060
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.6
160 46.4 37.0 55.6

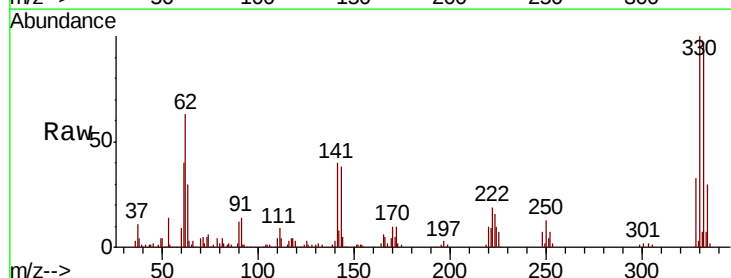


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

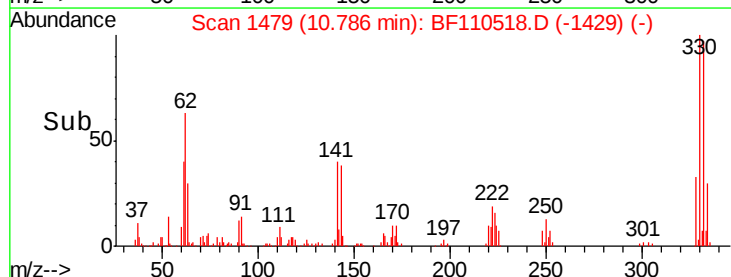
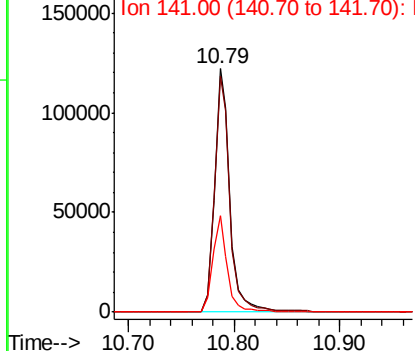


#42
2,4,6-Tribromophenol
Concen: 77.315 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

Tgt Ion:330 Resp: 125647
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 37.4 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

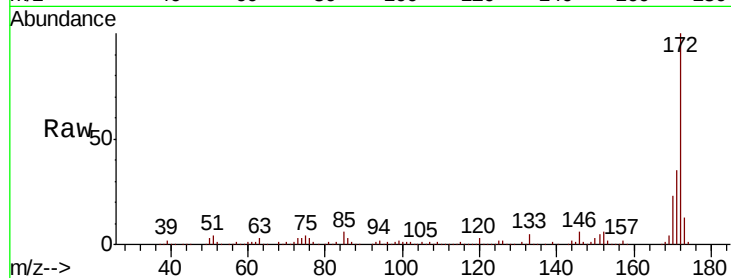




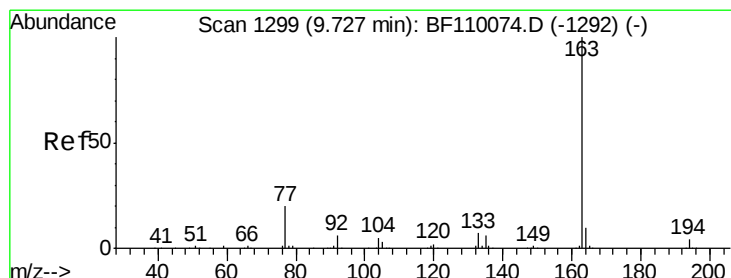
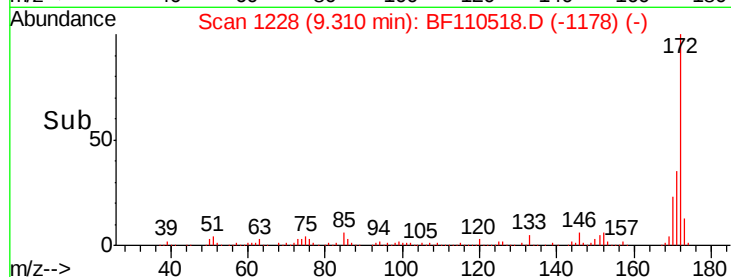
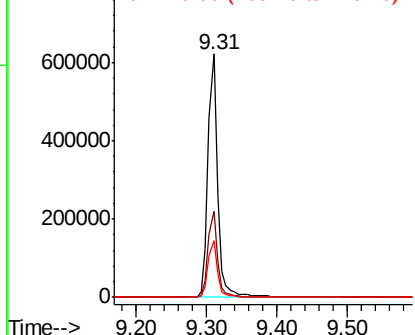
#45
 2-Fluorobiphenyl
 Concen: 56.426 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110518.D
 Acq: 6 Nov 2018 16:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 589533
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 23.3 19.7 29.5

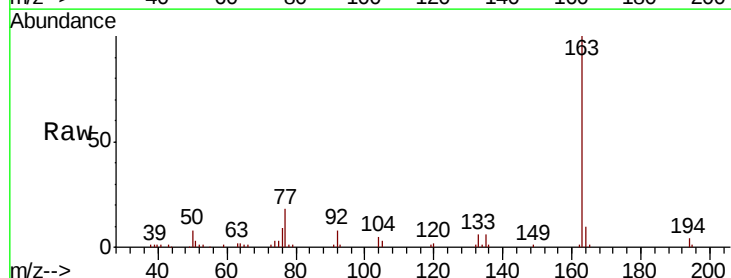


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

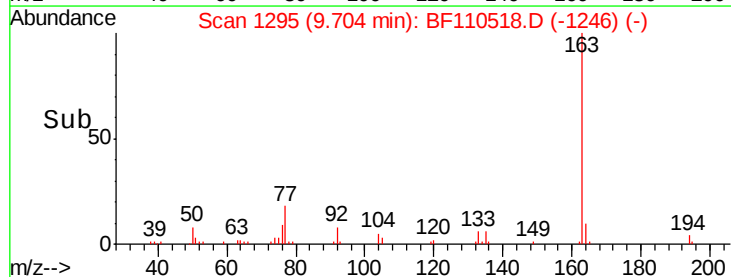
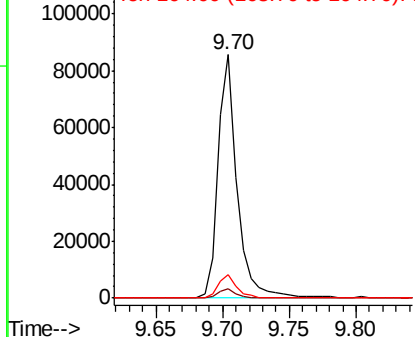


#50
 Dimethylphthalate
 Concen: 7.143 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110518.D
 Acq: 6 Nov 2018 16:42

Tgt Ion:163 Resp: 86510
 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

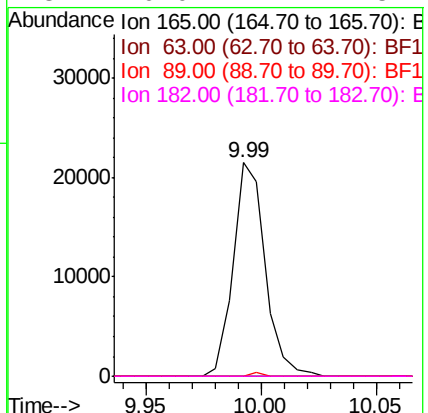
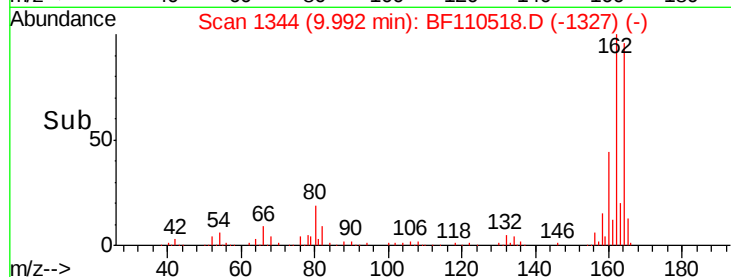
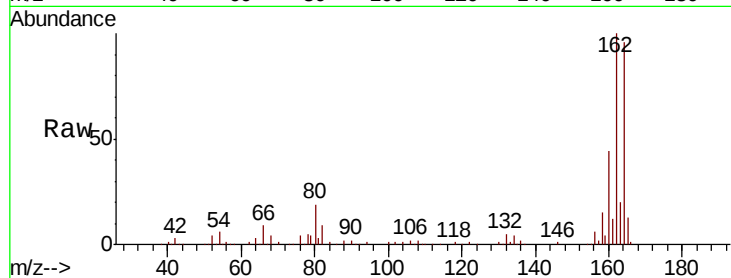




#57
2,4-Dinitrotoluene
Concen: 6.275 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

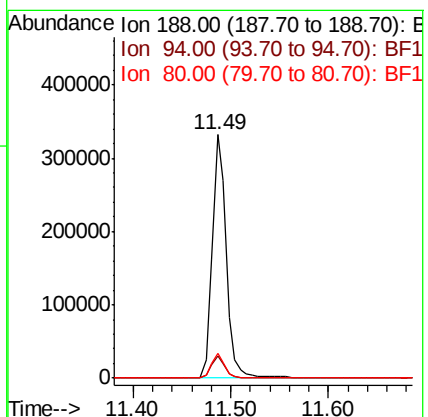
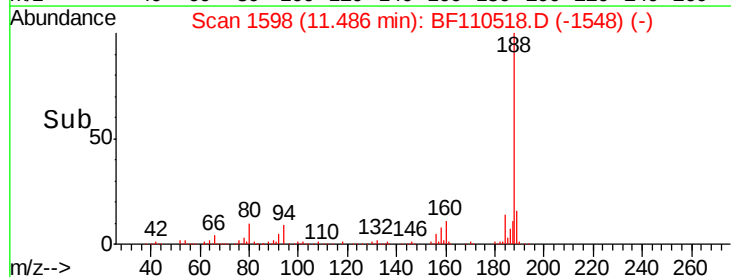
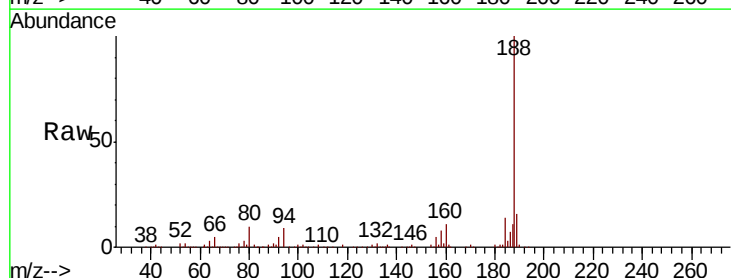
Instrument :
BNA_F
ClientSampleId :

Tot 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: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.2	7.9	11.9

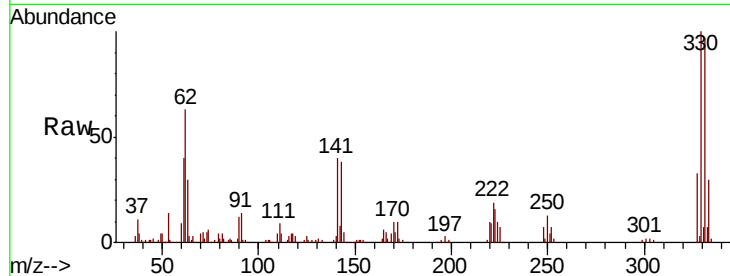




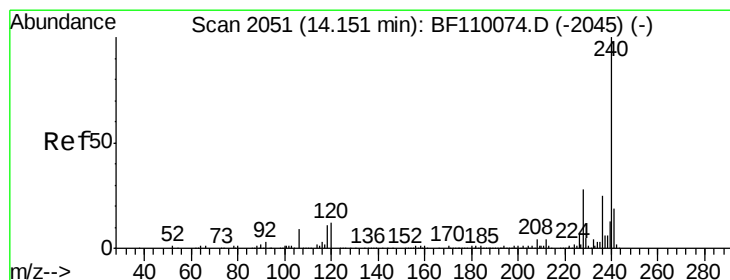
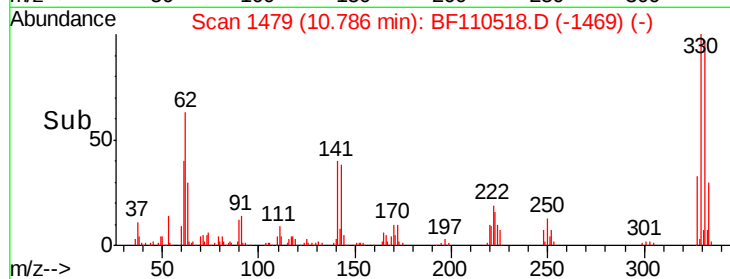
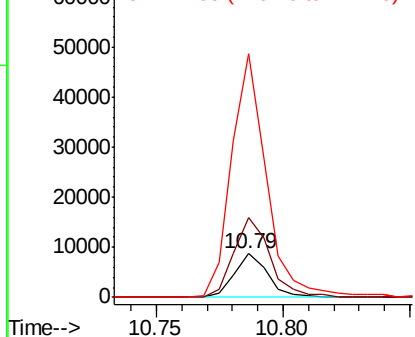
#67
4-Bromophenyl-phenylether
Concen: 2.216 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7922
Ion Ratio Lower Upper
248 100
250 183.3 79.4 119.2#
141 559.0 55.9 83.9#

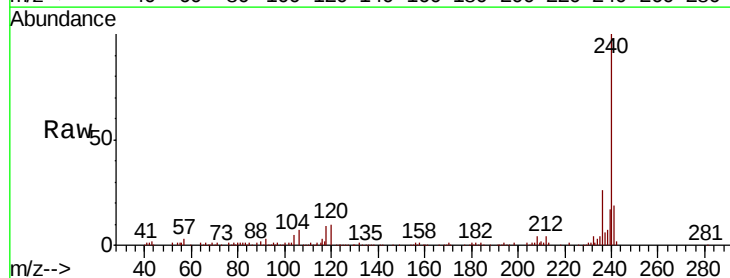


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

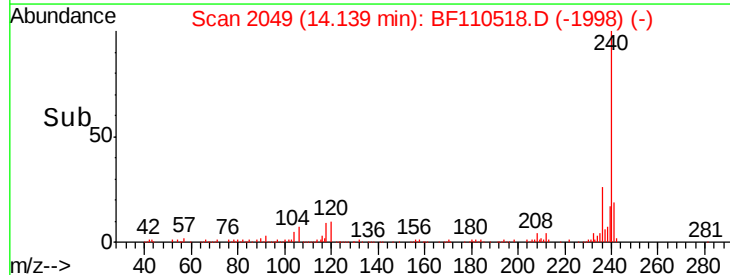
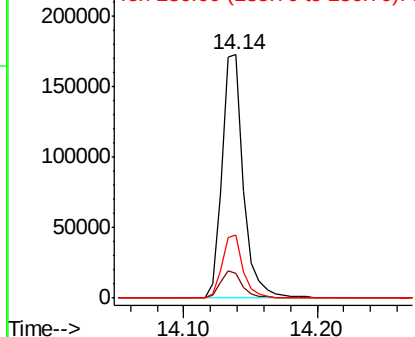


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: BF110518.D
Acq: 6 Nov 2018 16:42

Tgt Ion:240 Resp: 197143
Ion Ratio Lower Upper
240 100
120 10.2 8.3 12.5
236 26.0 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: 61.759 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110518.D

Acq: 6 Nov 2018 16:42

Instrument :

BNA_F

ClientSampleId :

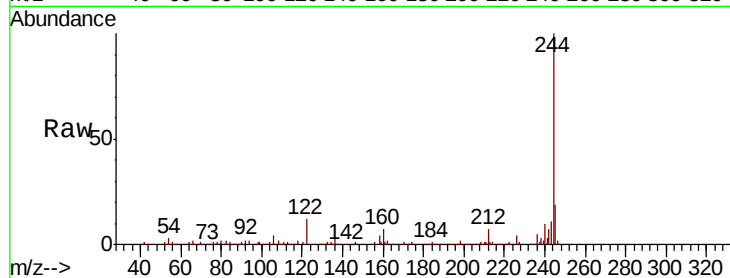
Tot Ion:244 Resp: 585435

Ion Ratio Lower Upper

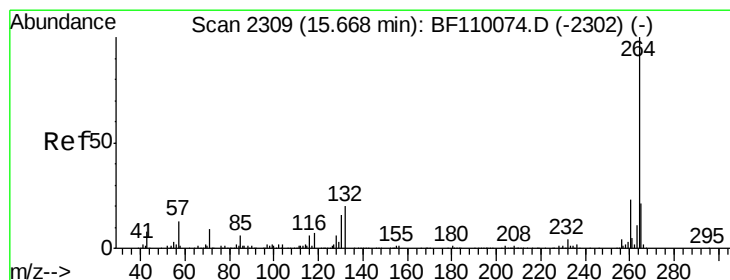
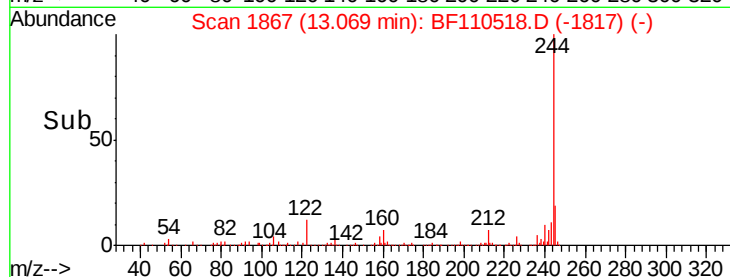
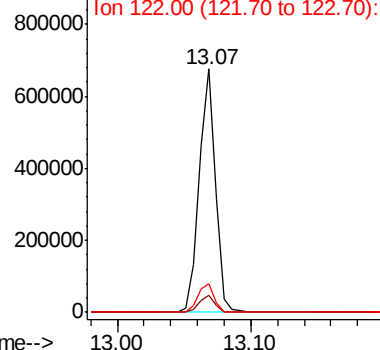
244 100

212 6.8 5.8 8.8

122 11.6 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: BF110518.D

Acq: 6 Nov 2018 16:42

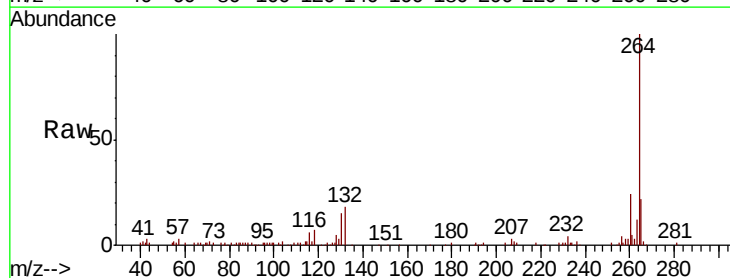
Tgt Ion:264 Resp: 156533

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.3 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

