

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110525.D
 Acq On : 6 Nov 2018 19:52
 Operator : JU/SJ
 Sample : J5772-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:44:53 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

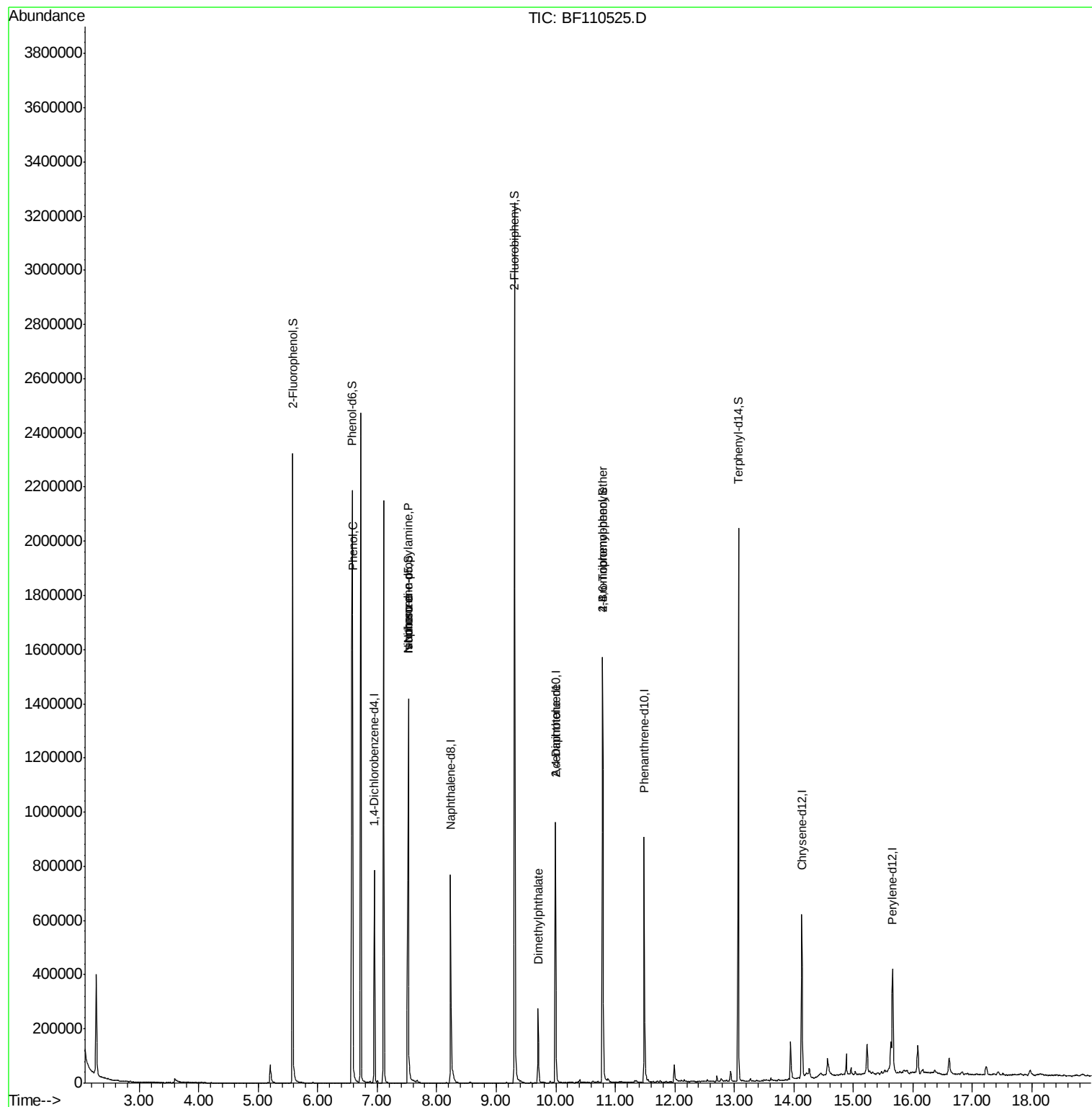
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	110592	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	462215	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	219339	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	358208	20.00	ng	0.00
76) Chrysene-d12	14.13	240	214864	20.00	ng	0.00
87) Perylene-d12	15.66	264	203461	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	660795	97.30	ng	0.00
7) Phenol-d6	6.58	99	873648	100.58	ng	0.00
23) Nitrobenzene-d5	7.52	82	553302	71.00	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	191741	88.25	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1010154	72.32	ng	0.00
79) Terphenyl-d14	13.07	244	662624	64.14	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	1914	Below Cal	#	1
10) Phenol	6.59	94	59649	6.42 ng	#	67
19) n-Nitroso-di-n-propylamine	7.52	70	73181	13.13 ng	#	78
25) Isophorone	7.52	82	553302	41.65 ng	#	67
50) Dimethylphthalate	9.70	163	144265	8.91 ng		99
57) 2,4-Dinitrotoluene	9.99	165	27380	6.18 ng	#	17
67) 4-Bromophenyl-phenylether	10.79	248	12457	3.21 ng	#	1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
Data File : BF110525.D
Acq On : 6 Nov 2018 19:52
Operator : JU/SJ
Sample : J5772-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 07 08:44:53 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



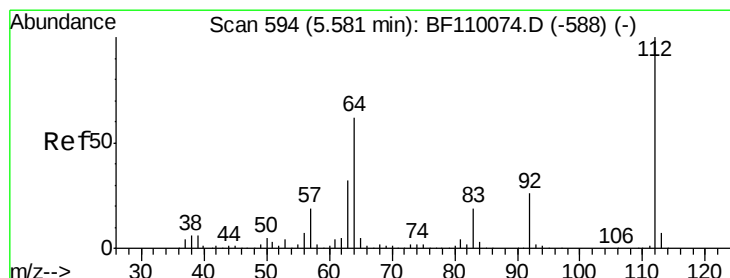
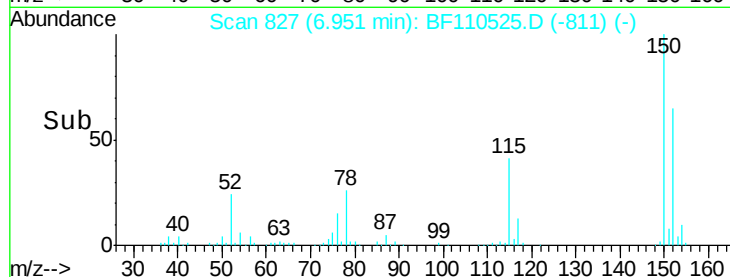
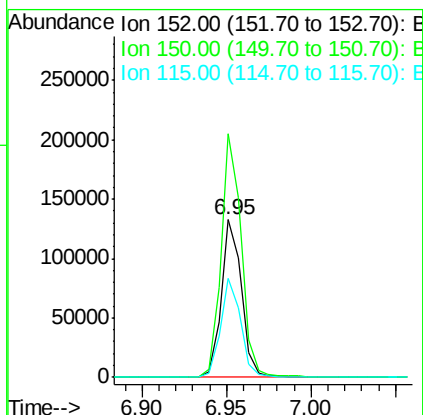
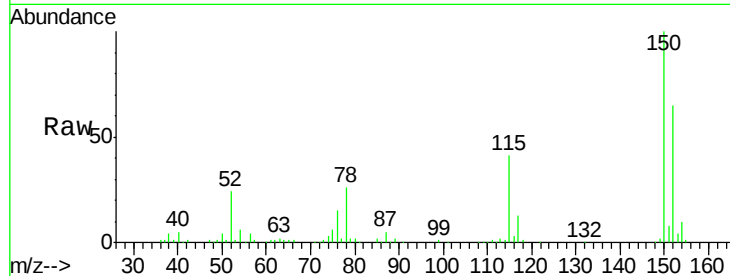


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Instrument :
BNA_F
ClientSampled :

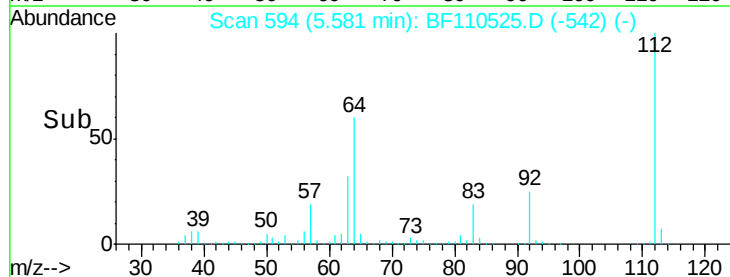
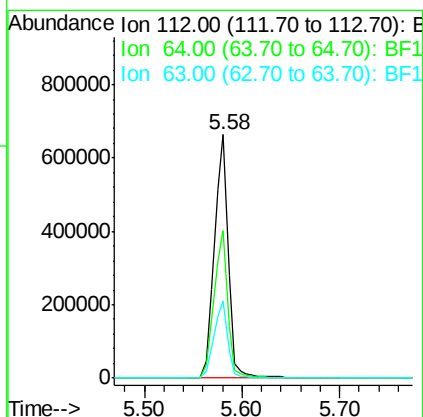
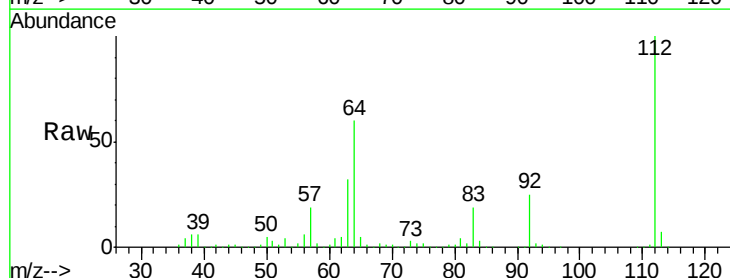
Tot Ion:152 Resp: 110592
Ion Ratio Lower Upper
152 100
150 154.4 122.7 184.1
115 62.7 49.1 73.7



#5

2-Fluorophenol
Concen: 97.30 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Tgt Ion:112 Resp: 660795
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 100.58 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

Instrument :

BNA_F

ClientSampleId :

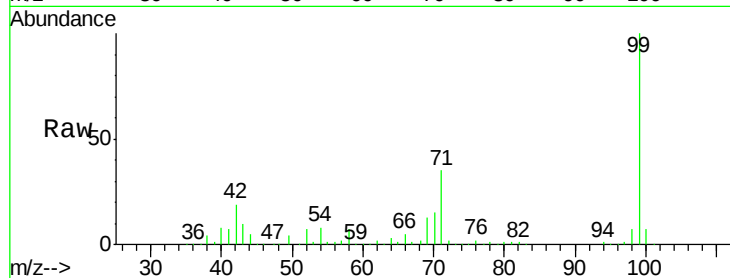
Tot Ion: 99 Resp: 873648

Ion Ratio Lower Upper

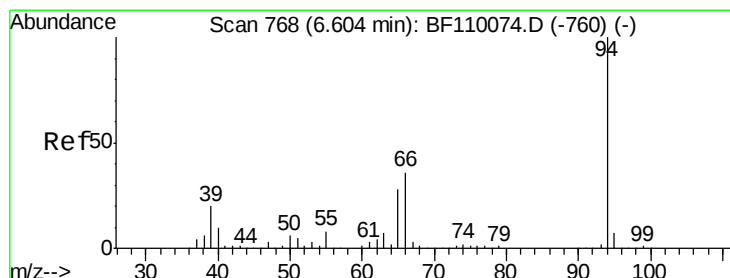
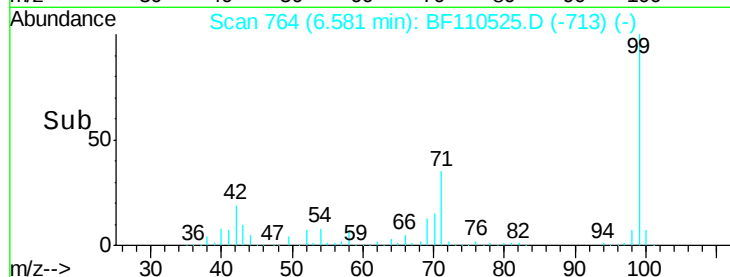
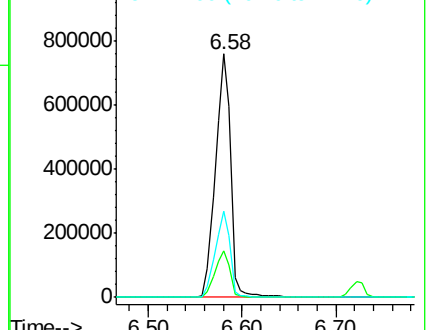
99 100

42 19.3 15.8 23.6

71 35.5 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: 6.42 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

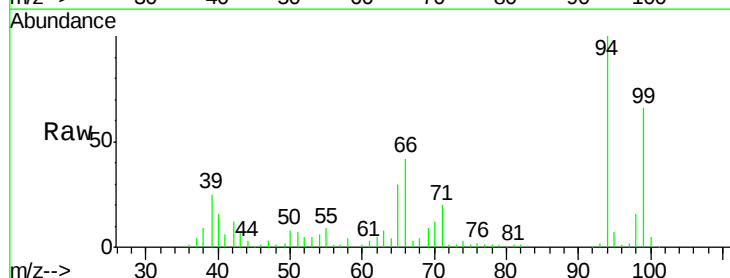
Tgt Ion: 94 Resp: 59649

Ion Ratio Lower Upper

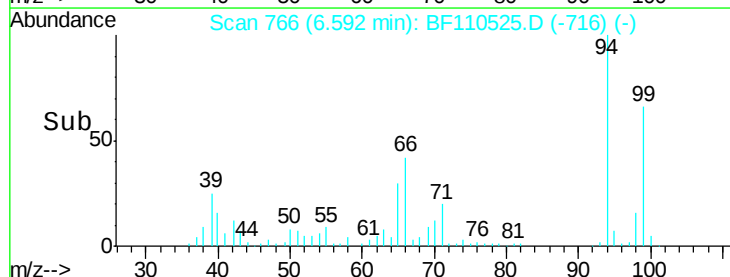
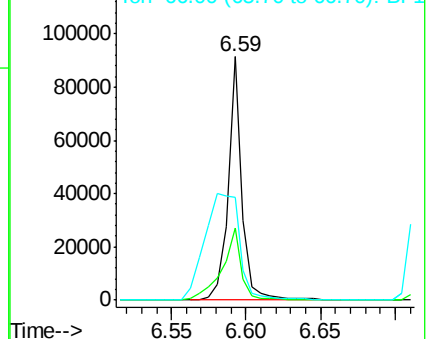
94 100

65 29.6 25.3 65.3

66 42.1 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

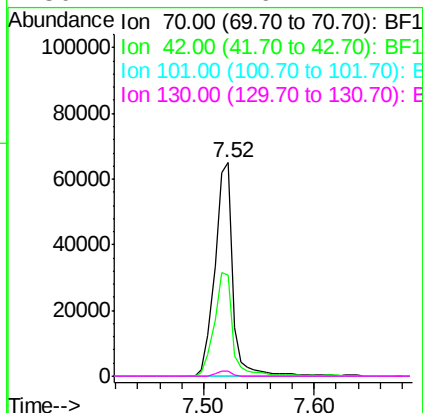
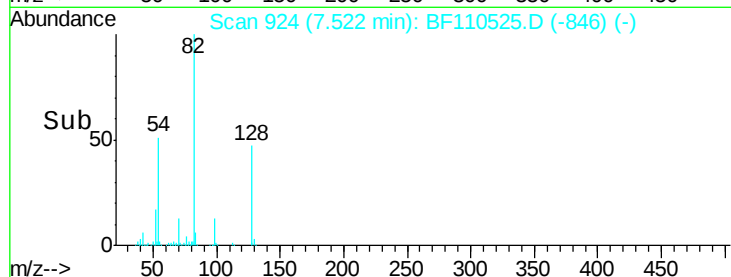
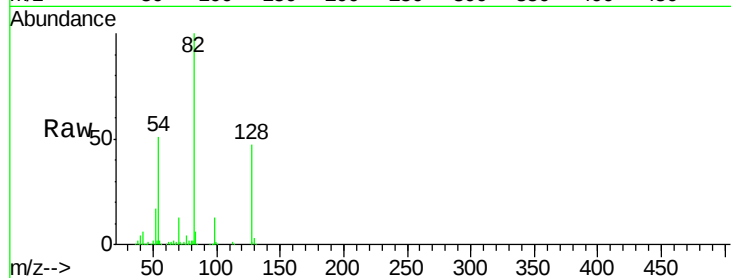




#19
n-Nitroso-di-n-propylamine
Concen: 13.13 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

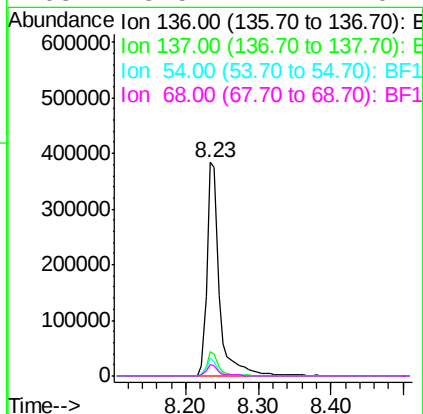
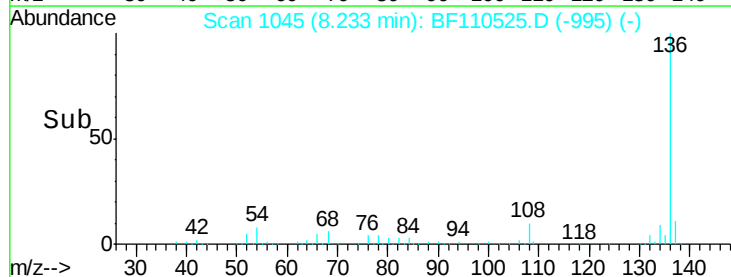
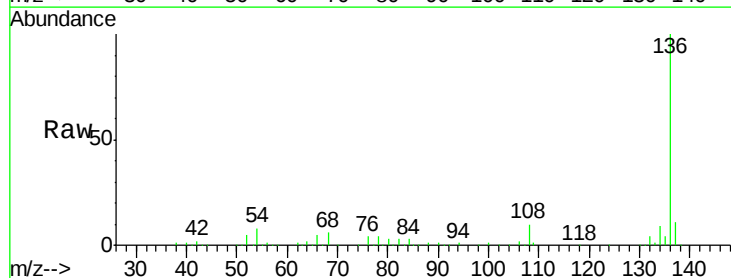
Instrument :
BNA_F
ClientSampled :

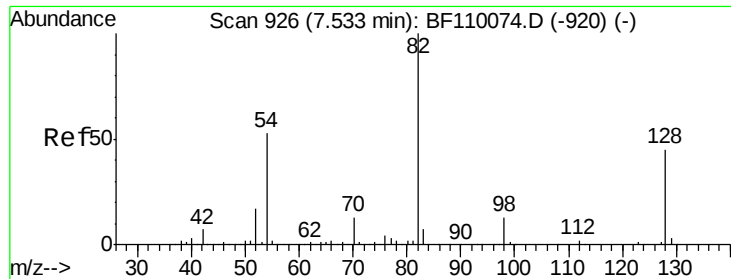
Tot Ion: 70 Resp: 73181
Ion Ratio Lower Upper
70 100
42 47.2 47.4 71.2#
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Tgt Ion: 136 Resp: 462215
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 8.3 5.4 8.2#
68 5.5 4.2 6.2

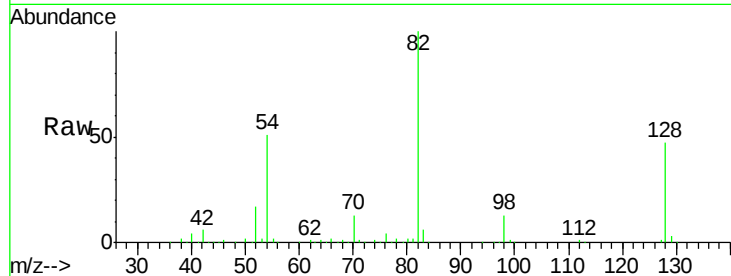




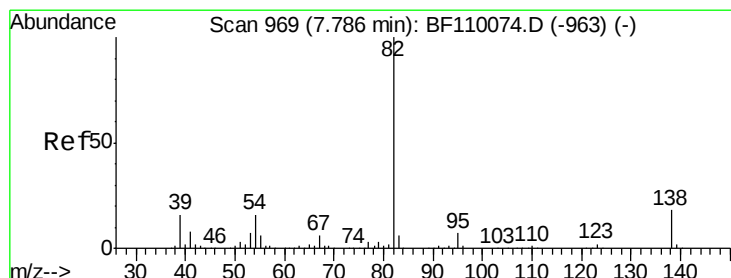
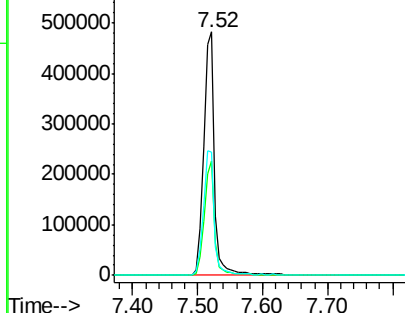
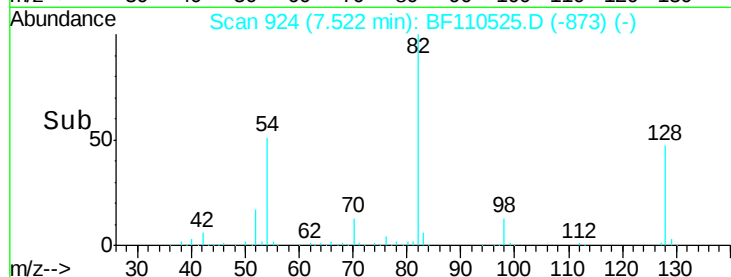
#23
 Nitrobenzene-d5
 Concen: 71.00 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110525.D
 Acq: 6 Nov 2018 19:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.2	51.2
54	50.7	38.6	58.0

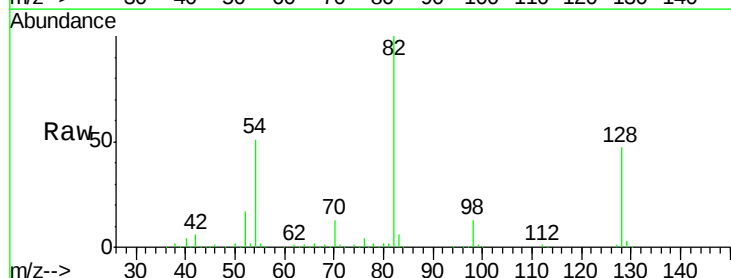


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

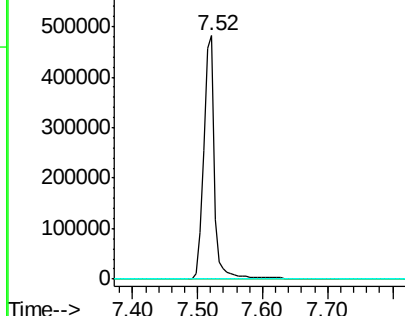
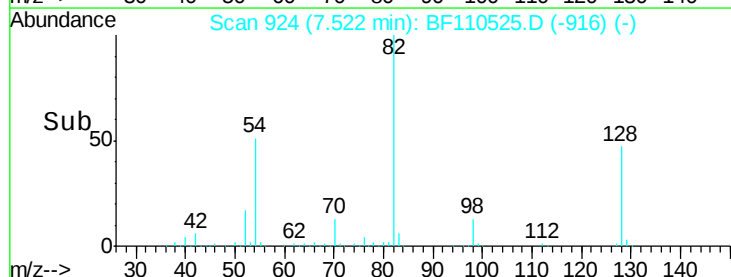


#25
 Isophorone
 Concen: 41.65 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF110525.D
 Acq: 6 Nov 2018 19:52

Tgt 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

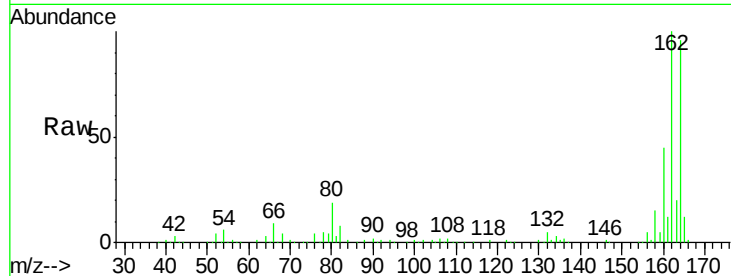




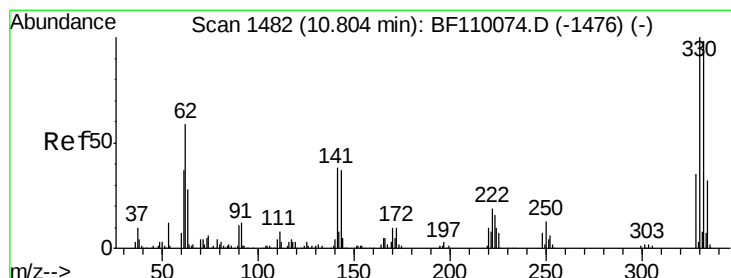
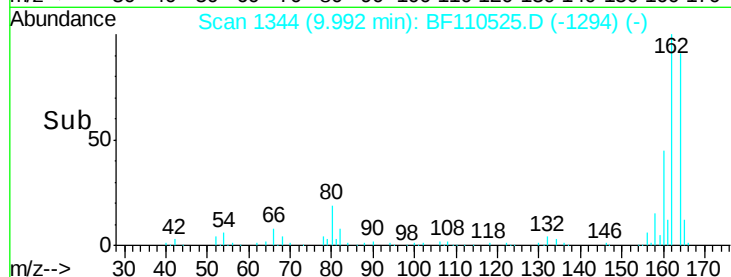
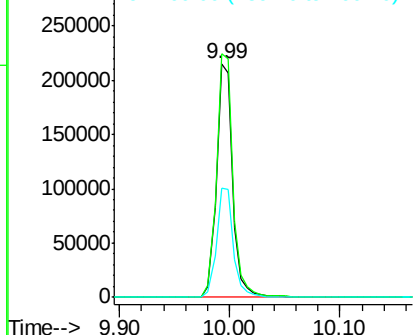
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 219339
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 46.8 37.0 55.6

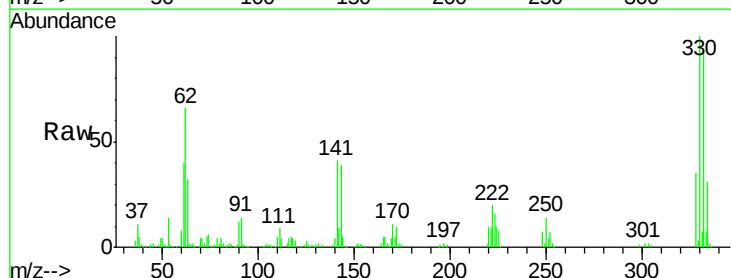


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

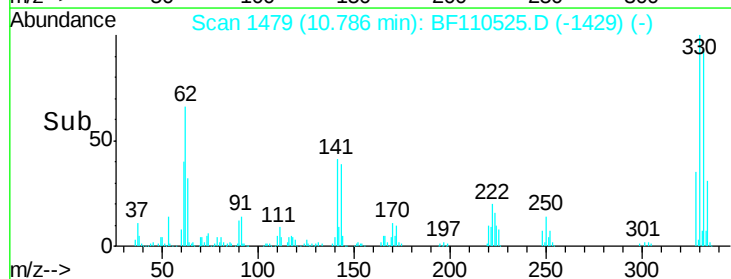
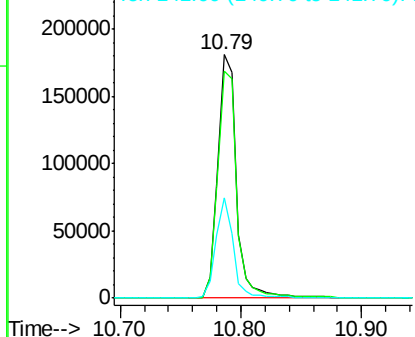


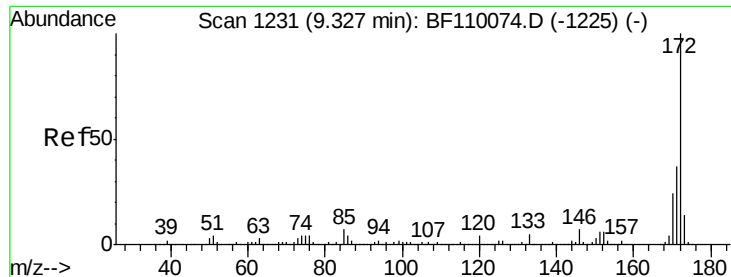
#42
2,4,6-Tribromophenol
Concen: 88.25 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Tgt Ion:330 Resp: 191741
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 38.7 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

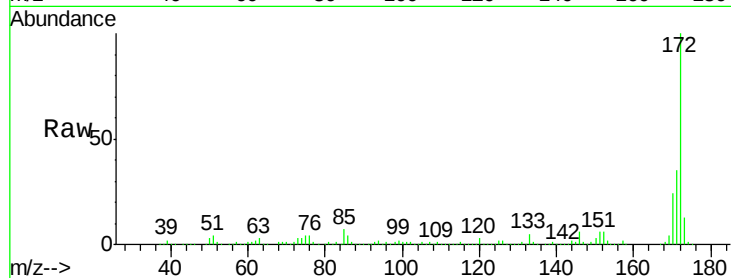




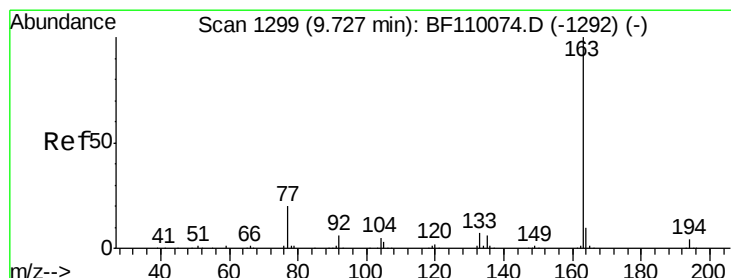
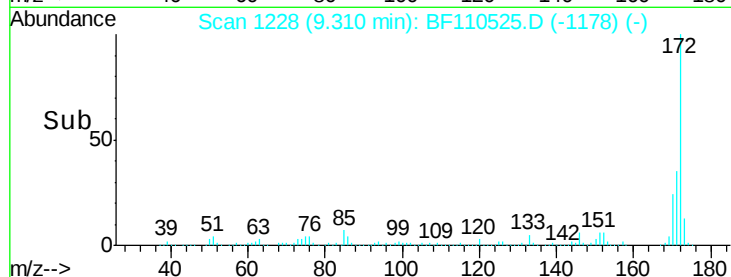
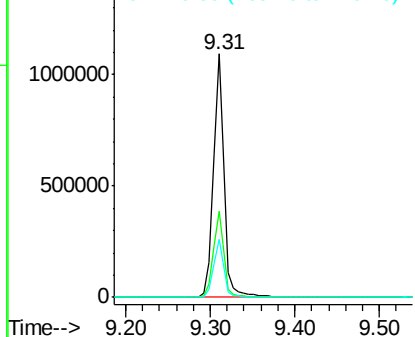
#45
2-Fluorobiphenyl
Concen: 72.32 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1010154
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 19.7 29.5

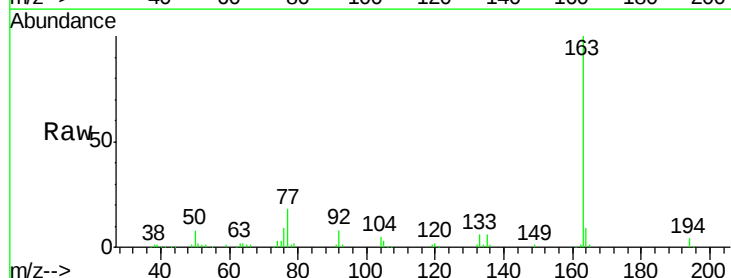


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

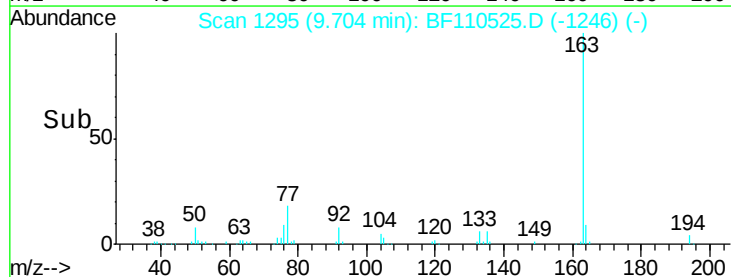
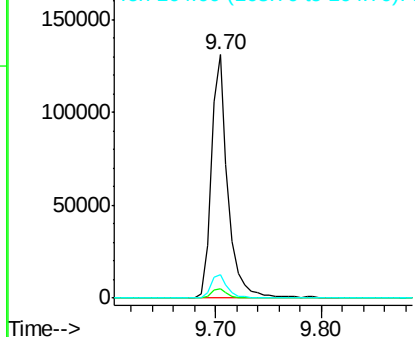


#50
Dimethylphthalate
Concen: 8.91 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Tgt Ion:163 Resp: 144265
Ion Ratio Lower Upper
163 100
194 3.8 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

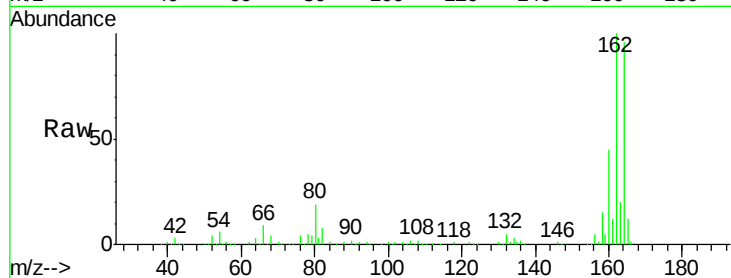




#57
2,4-Dinitrotoluene
Concen: 6.18 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	27380	
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#	

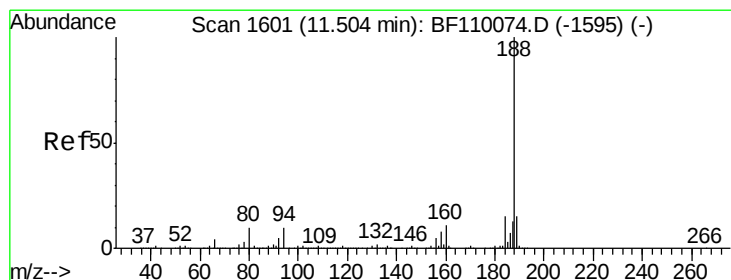
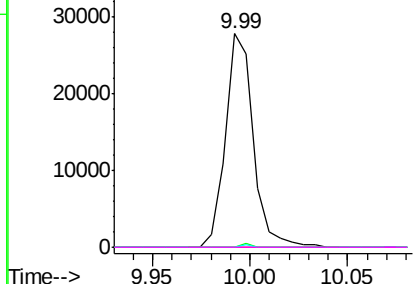
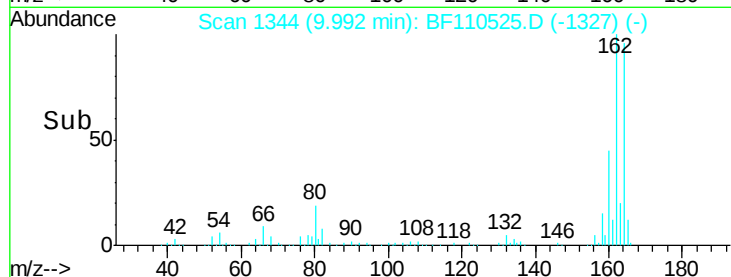


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

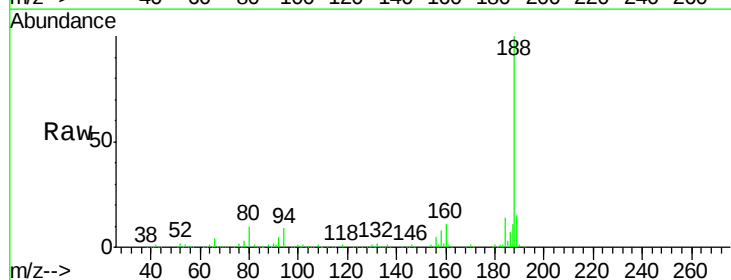
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

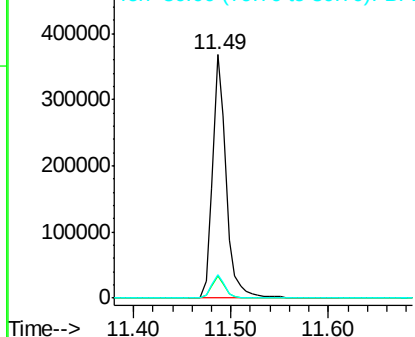
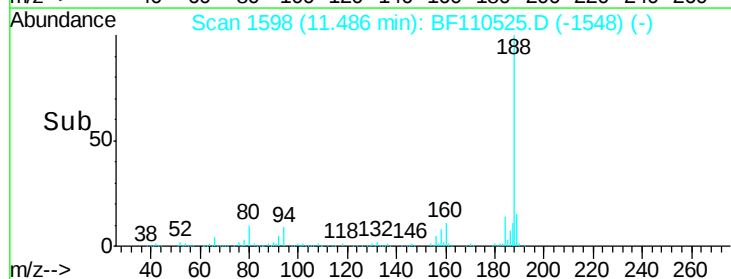
Tgt	Ion:188	Resp:	358208
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.2	10.8
80	9.7	7.9	11.9

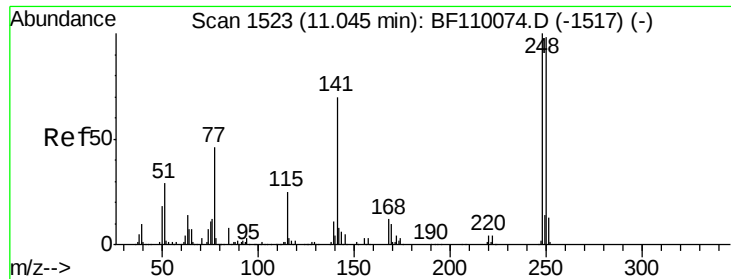


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

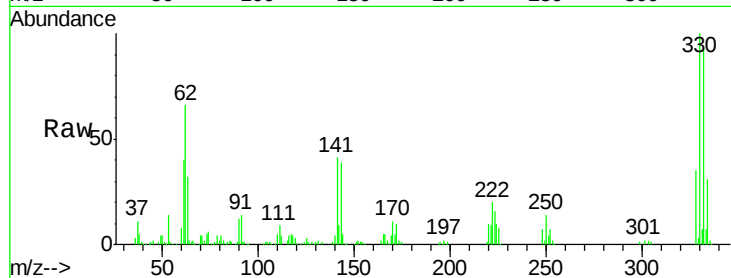




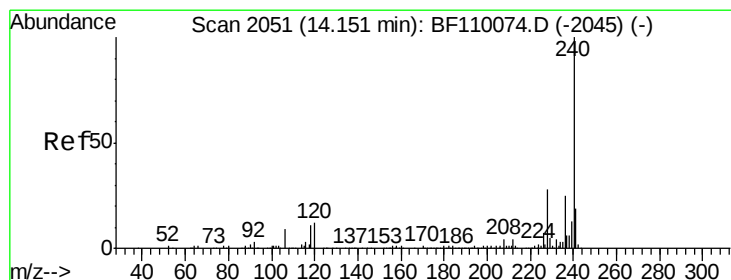
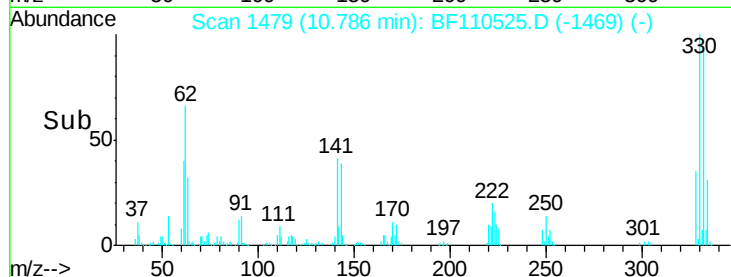
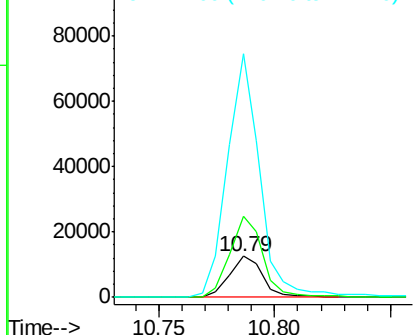
#67
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12457
Ion Ratio Lower Upper
248 100
250 197.2 79.4 119.2#
141 592.6 55.9 83.9#

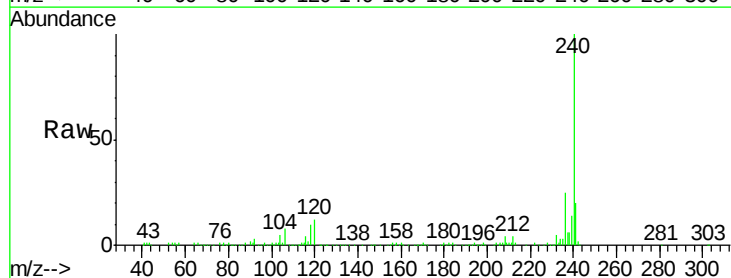


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

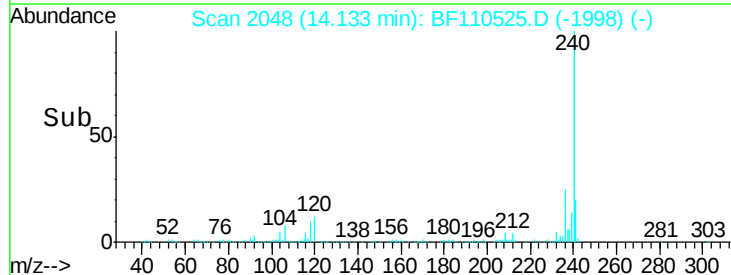
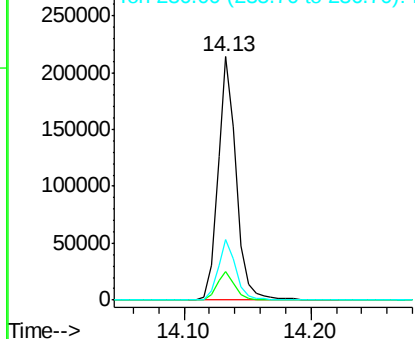


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110525.D
Acq: 6 Nov 2018 19:52

Tgt Ion:240 Resp: 214864
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 24.9 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: 64.14 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

Instrument :

BNA_F

ClientSampleId :

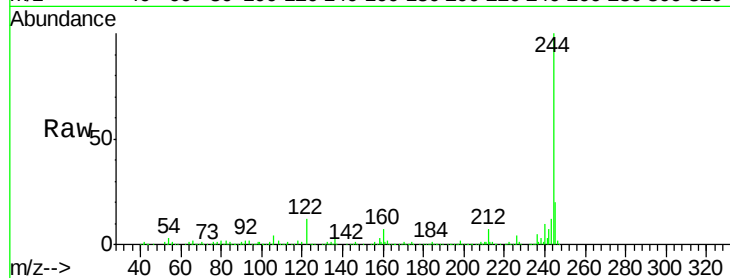
Tot Ion:244 Resp: 662624

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

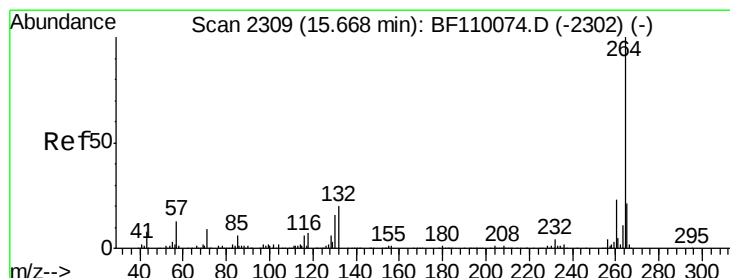
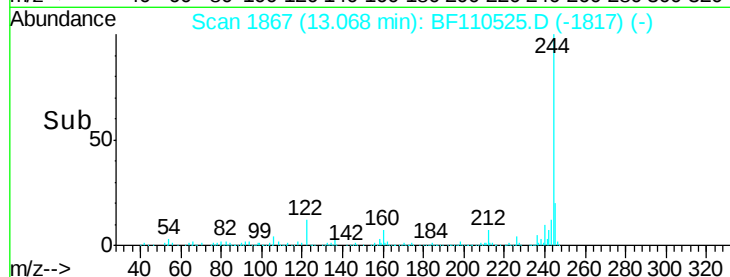
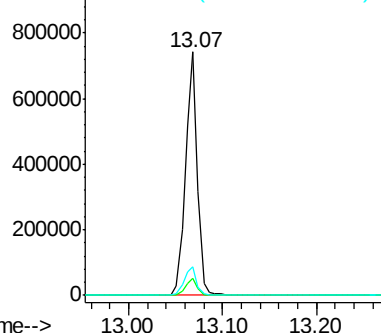
122 11.5 8.7 13.1



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

Perylene-d12

Concen: 20.00 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110525.D

Acq: 6 Nov 2018 19:52

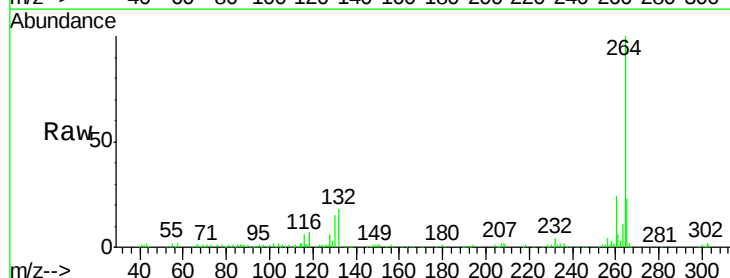
Tgt Ion:264 Resp: 203461

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.6 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

