

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110526.D
 Acq On : 6 Nov 2018 20:19
 Operator : JU/SJ
 Sample : J5827-11
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:45:07 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	94324	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	394448	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	171921	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	254992	20.00	ng	0.00
76) Chrysene-d12	14.13	240	183184	20.00	ng	0.00
87) Perylene-d12	15.66	264	155037	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	510707	88.17	ng	0.00
7) Phenol-d6	6.58	99	656556	88.62	ng	0.00
23) Nitrobenzene-d5	7.52	82	410259	61.69	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	122641	72.02	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	765611	69.93	ng	0.00
79) Terphenyl-d14	13.07	244	462673	52.53	ng	0.00

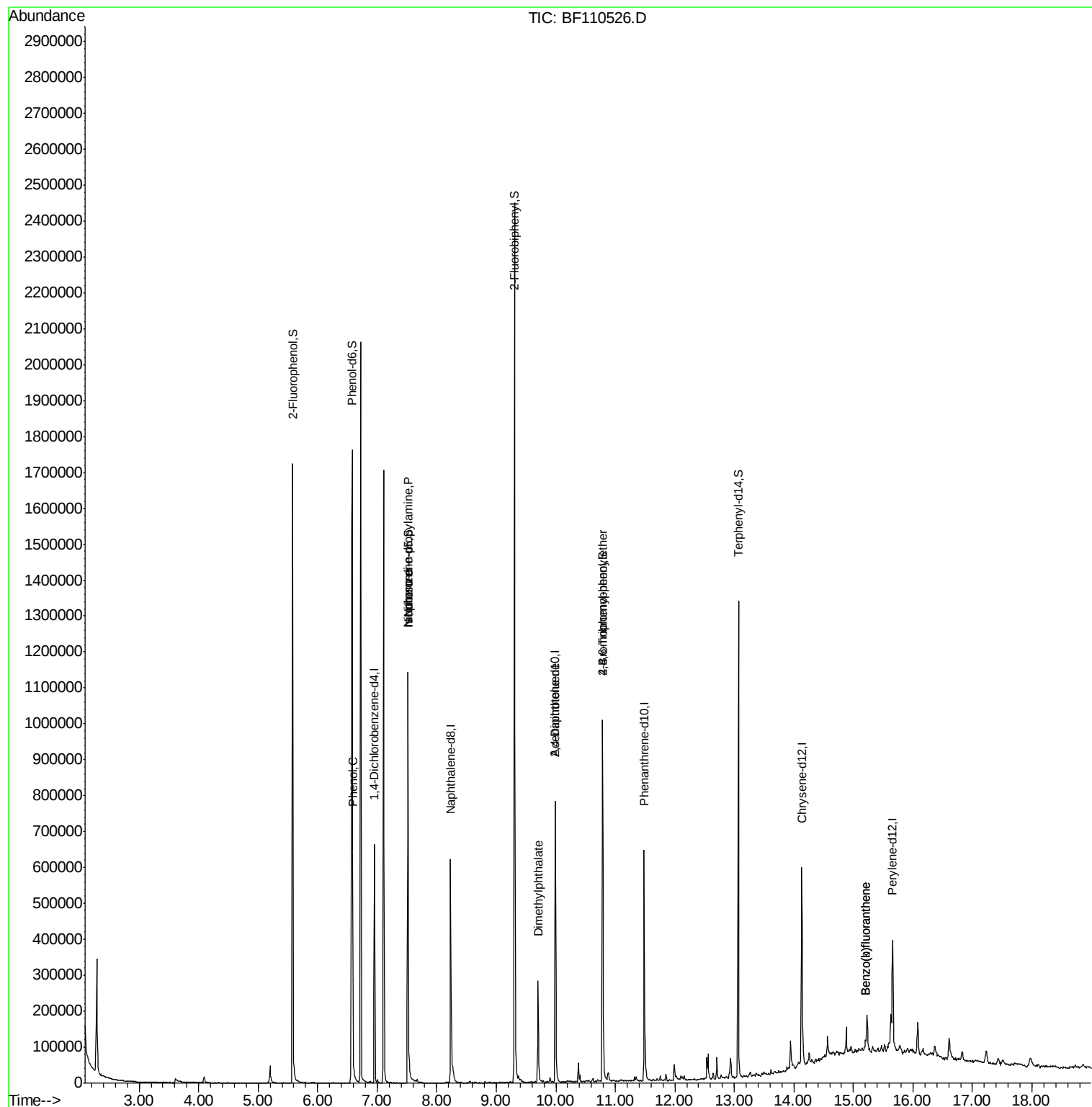
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	1294	Below Cal	#	1
10) Phenol	6.59	94	44604	5.63	ng	64
19) n-Nitroso-di-n-propylamine	7.52	70	54564	11.48	ng	79
25) Isophorone	7.52	82	410259	36.19	ng	67
50) Dimethylphthalate	9.70	163	144465	11.38	ng	99
57) 2,4-Dinitrotoluene	9.99	165	22172	6.39	ng	19
67) 4-Bromophenyl-phenylether	10.79	248	7272	2.63	ng	1
88) Benzo(b)fluoranthene	15.21	252	18831	2.10	ng	84
89) Benzo(k)fluoranthene	15.21	252	18831	2.14	ng	83

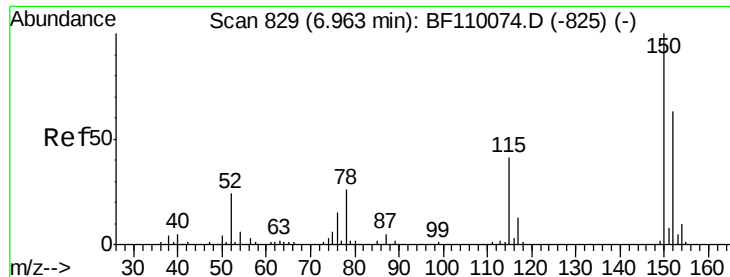
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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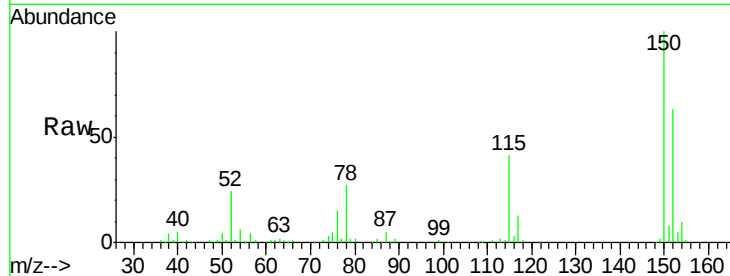


#1

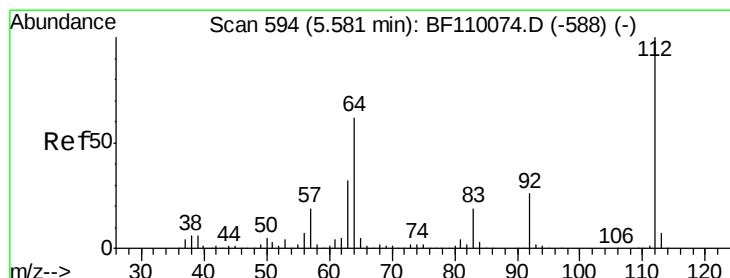
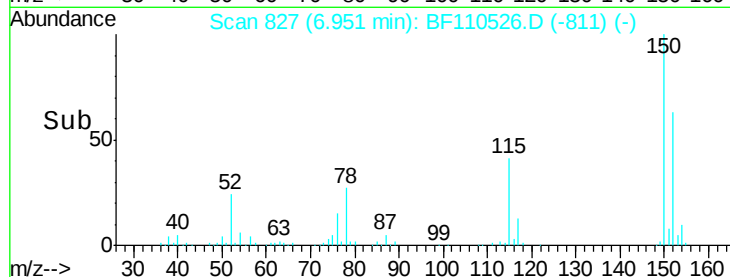
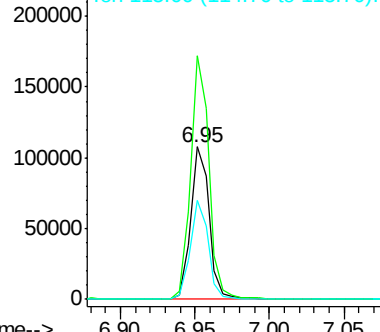
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94324
Ion Ratio Lower Upper
152 100
150 159.7 122.7 184.1
115 64.9 49.1 73.7



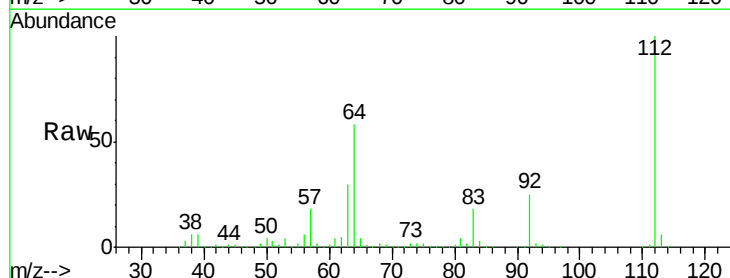
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



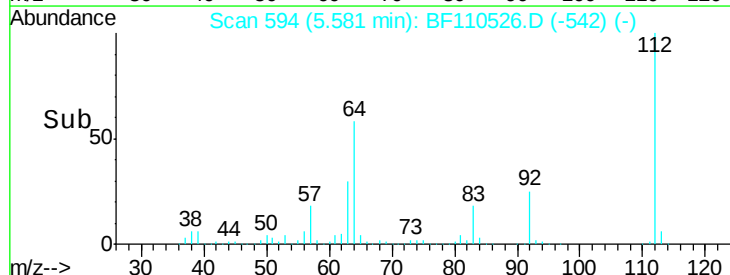
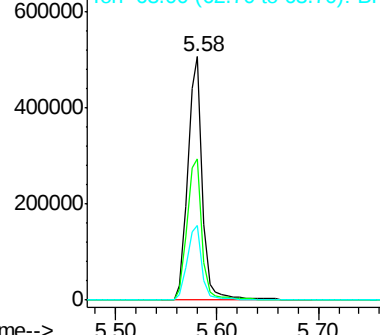
#5

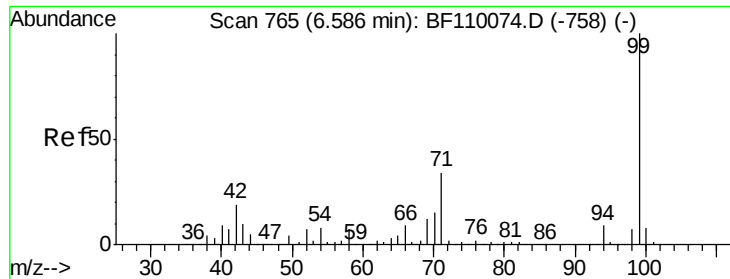
2-Fluorophenol
Concen: 88.17 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:112 Resp: 510707
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 30.5 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: 88.62 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110526.D

Acq: 6 Nov 2018 20:19

Instrument :

BNA_F

ClientSampleId :

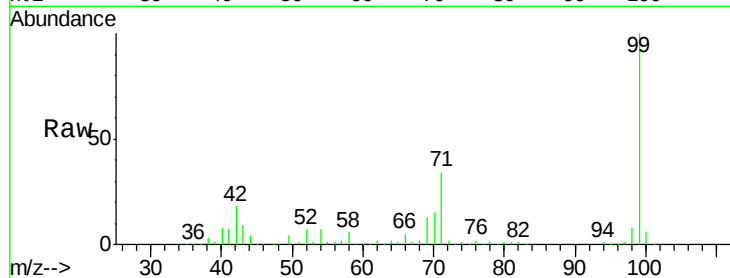
Tot Ion: 99 Resp: 656556

Ion Ratio Lower Upper

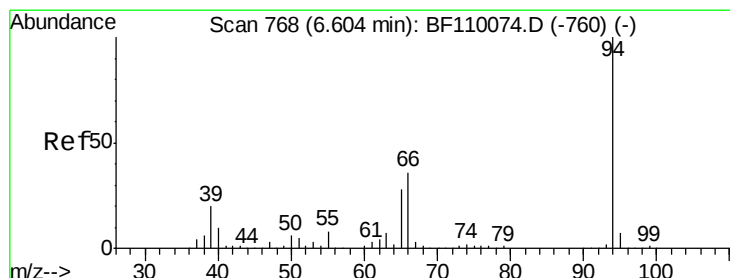
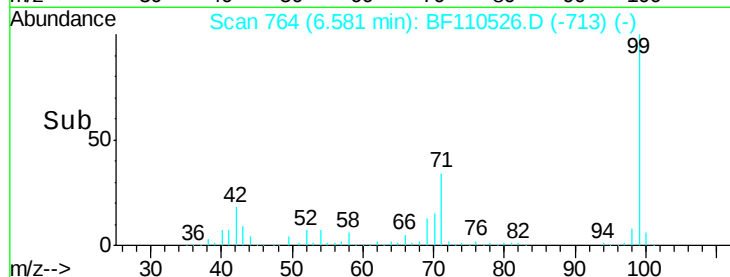
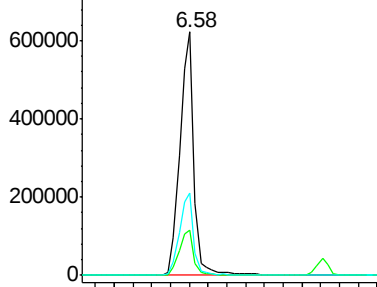
99 100

42 18.4 15.8 23.6

71 34.0 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: 5.63 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110526.D

Acq: 6 Nov 2018 20:19

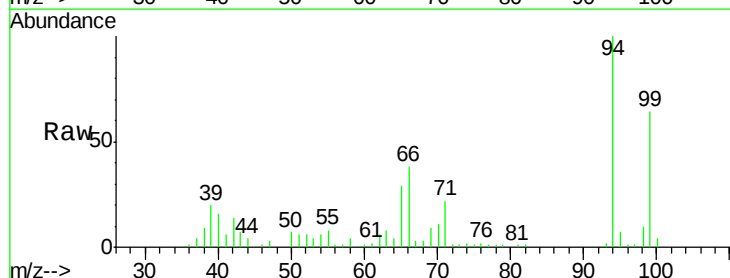
Tgt Ion: 94 Resp: 44604

Ion Ratio Lower Upper

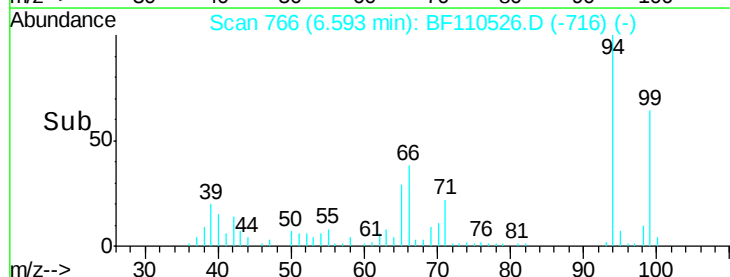
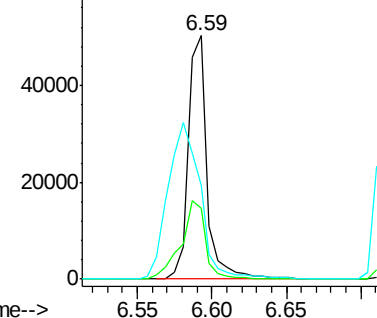
94 100

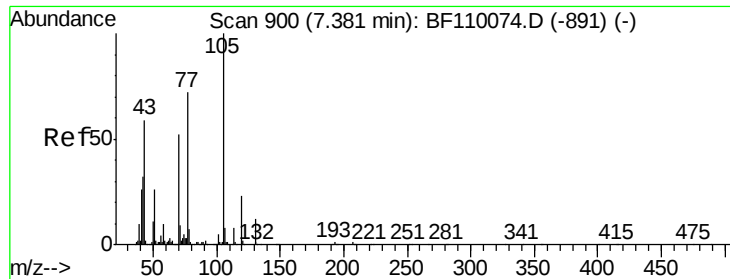
65 29.0 25.3 65.3

66 38.4 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

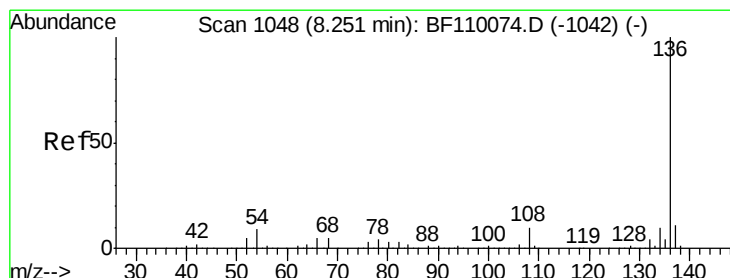
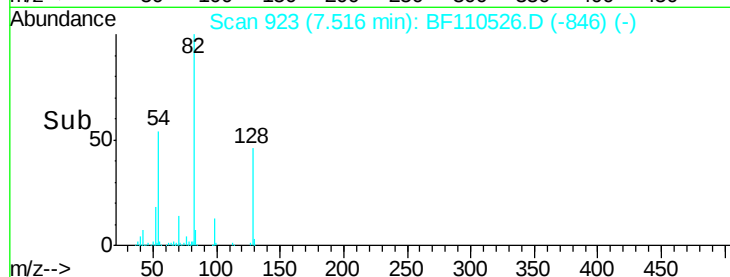
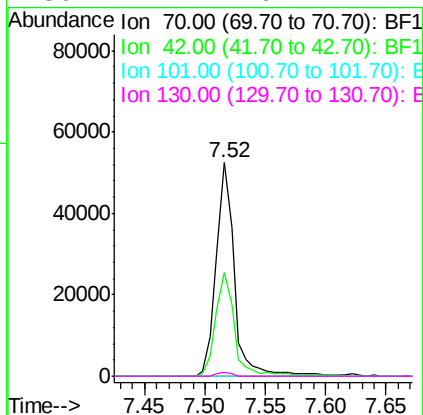
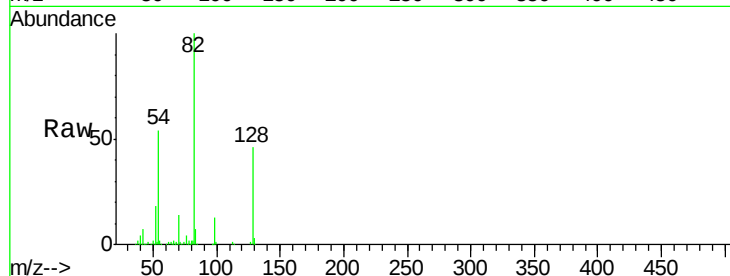




#19
n-Nitroso-di-n-propylamine
Concen: 11.48 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

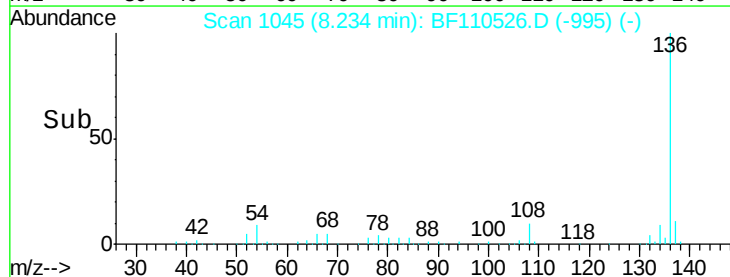
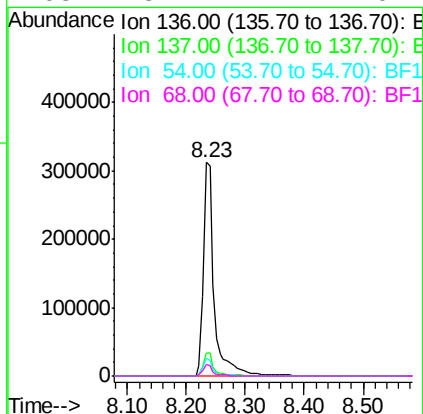
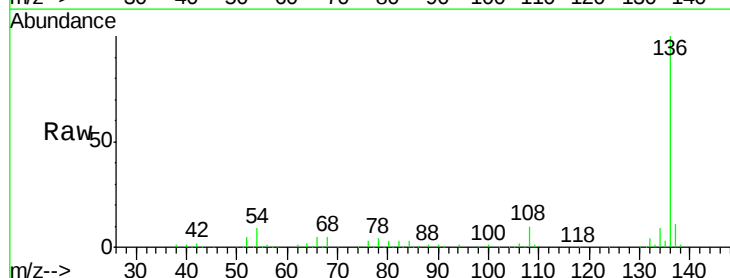
Instrument :
BNA_F
ClientSampleId :

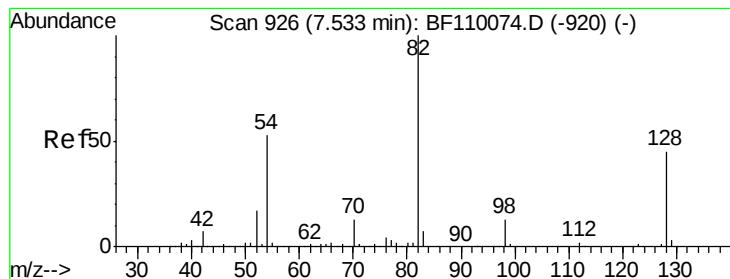
Tot Ion: 70 Resp: 54564
Ion Ratio Lower Upper
70 100
42 48.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion: 136 Resp: 394448
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.7 5.4 8.2#
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 61.69 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110526.D

Acq: 6 Nov 2018 20:19

Instrument :

BNA_F

ClientSampleId :

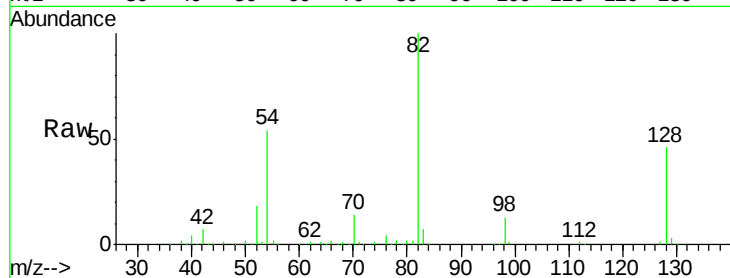
Tot Ion: 82 Resp: 410259

Ion Ratio Lower Upper

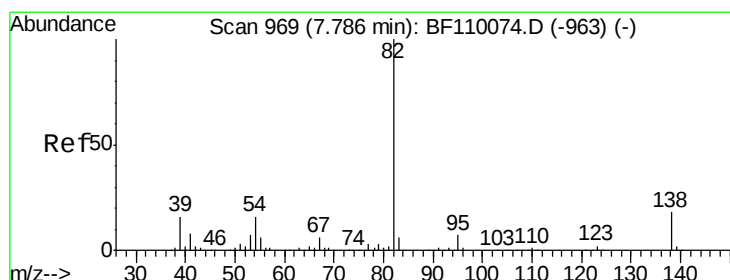
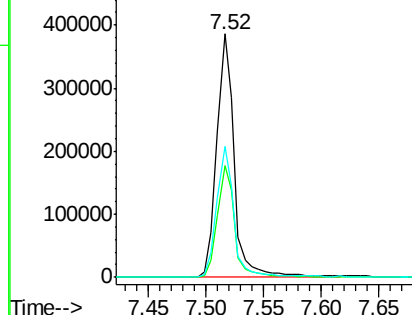
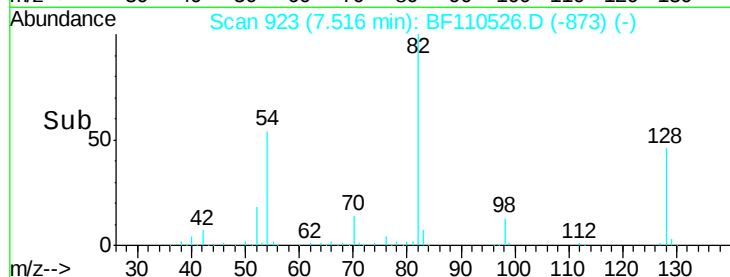
82 100

128 45.8 34.2 51.2

54 53.7 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: 36.19 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.26 min

Lab File: BF110526.D

Acq: 6 Nov 2018 20:19

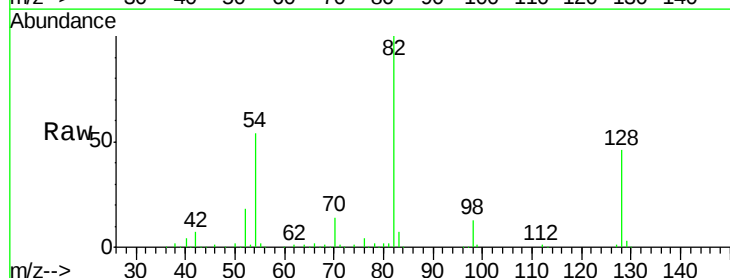
Tgt Ion: 82 Resp: 410259

Ion Ratio Lower Upper

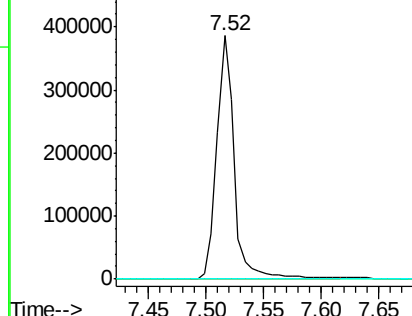
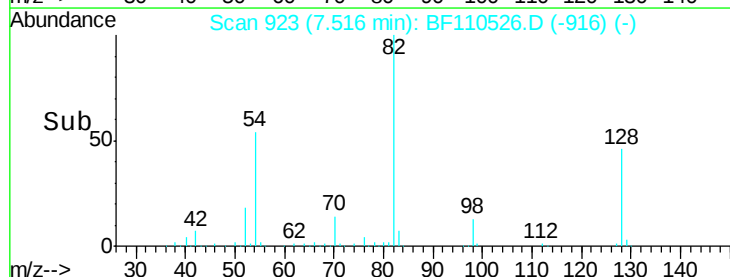
82 100

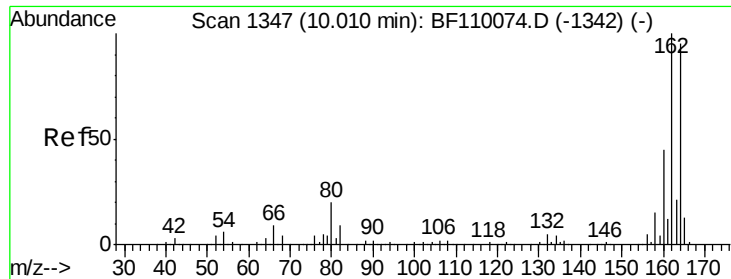
95 0.0 5.7 8.5#

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

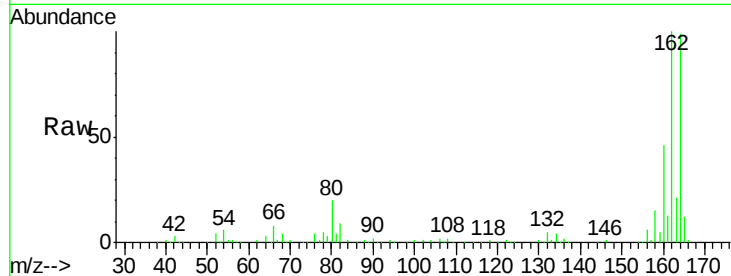




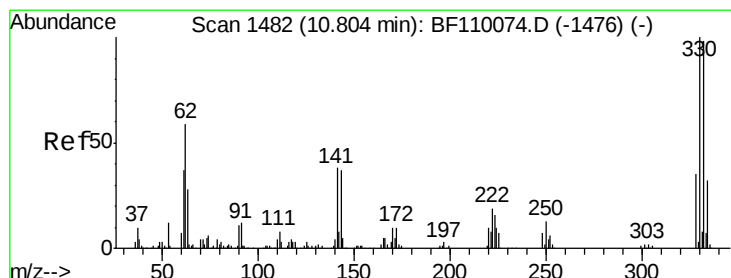
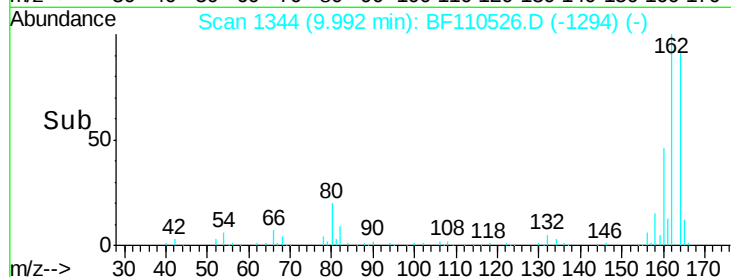
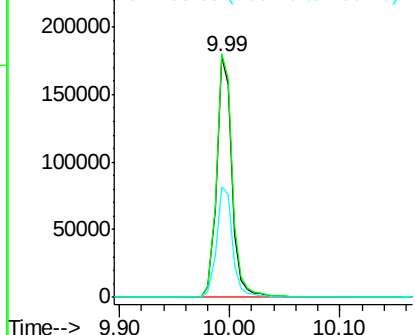
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 171921
Ion Ratio Lower Upper
164 100
162 101.0 83.0 124.6
160 46.1 37.0 55.6

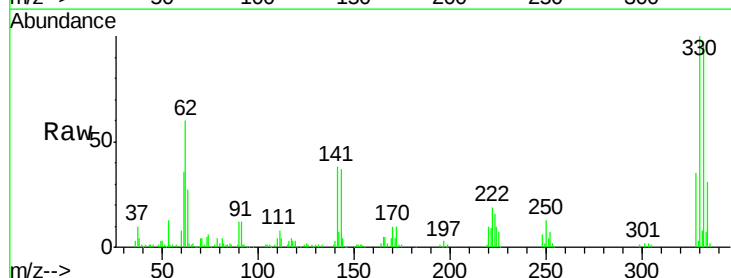


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

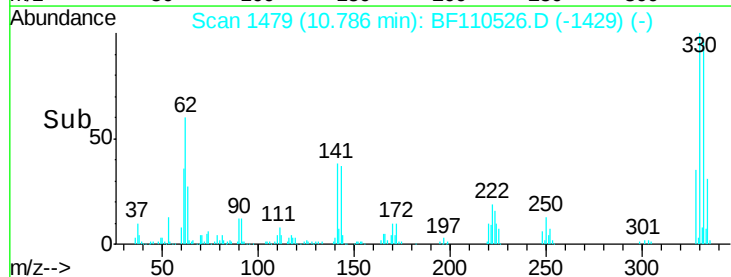
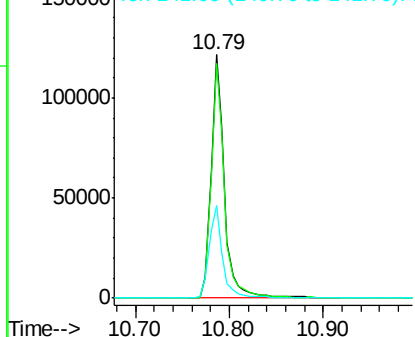


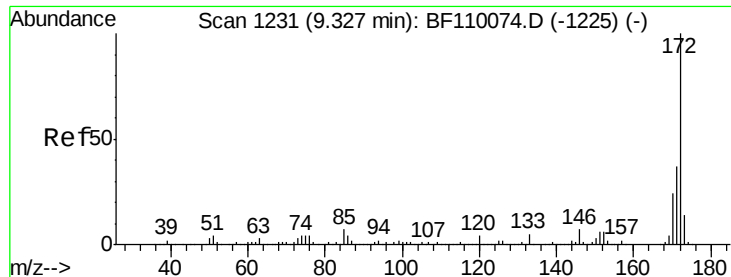
#42
2,4,6-Tribromophenol
Concen: 72.02 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:330 Resp: 122641
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 38.5 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

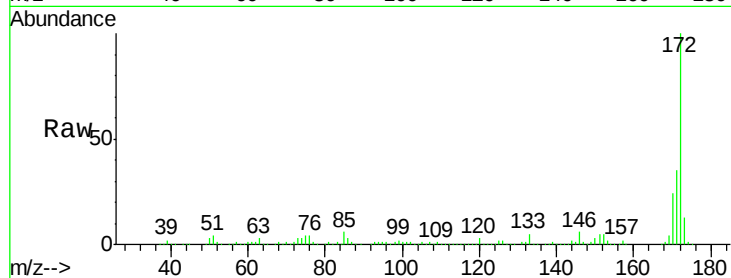




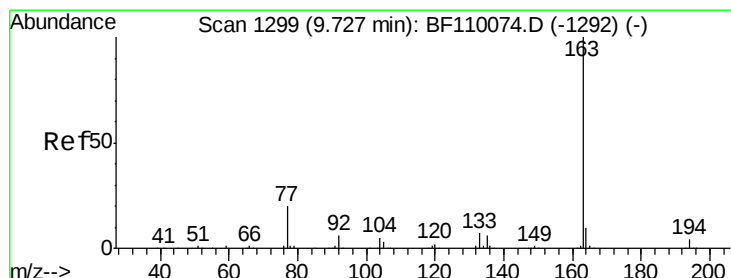
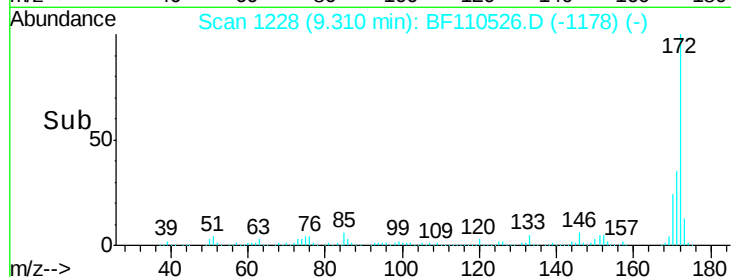
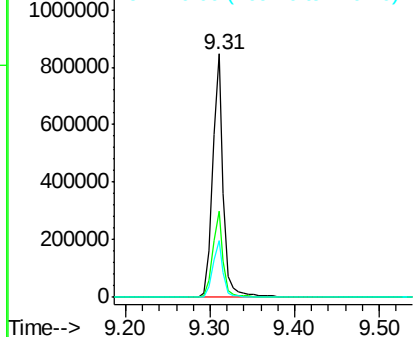
#45
2-Fluorobiphenyl
Concen: 69.93 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 765611
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.5 19.7 29.5

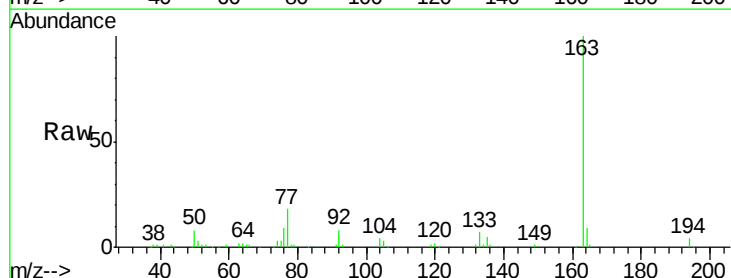


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

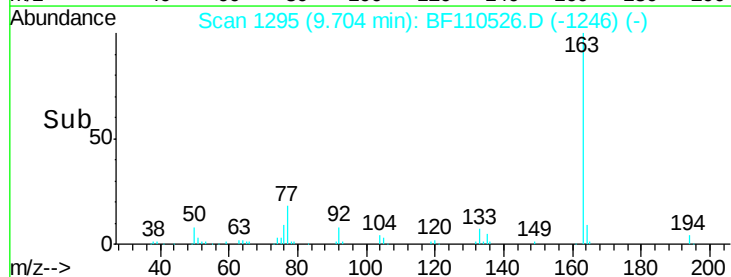
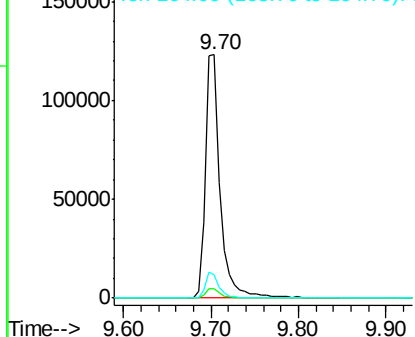


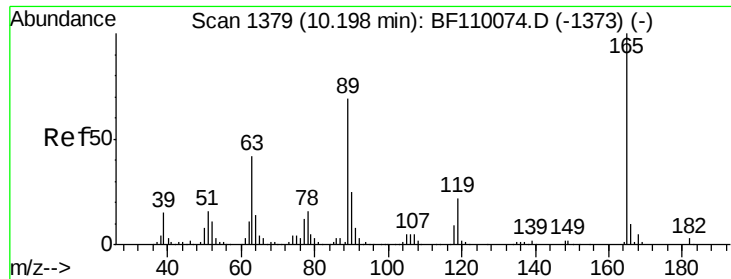
#50
Dimethylphthalate
Concen: 11.38 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:163 Resp: 144465
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 9.4 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

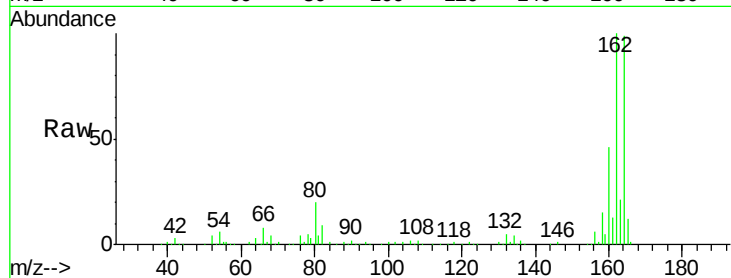




#57
2,4-Dinitrotoluene
Concen: 6.39 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.9	62.2	93.4#
182	0.0	2.1	3.1#

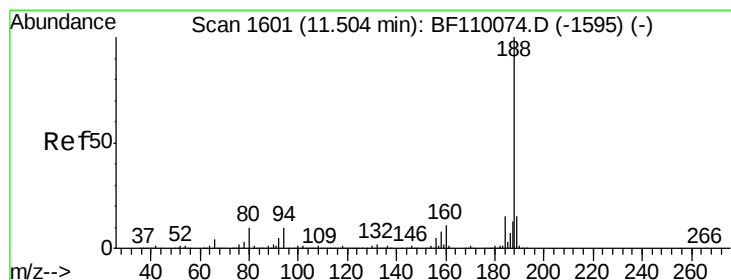
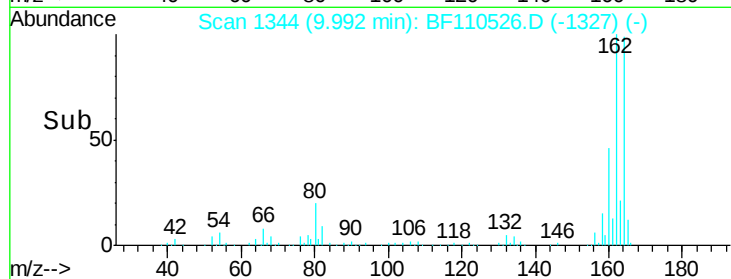
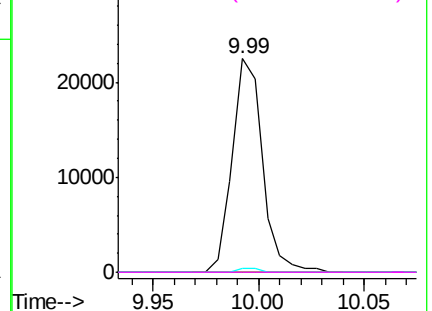


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

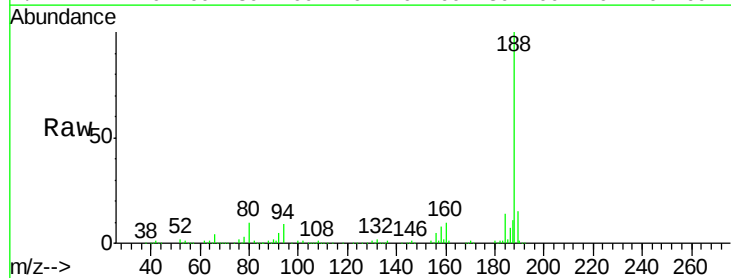
Ion 89.00 (88.70 to 89.70): BF1

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: BF110526.D
Acq: 6 Nov 2018 20:19

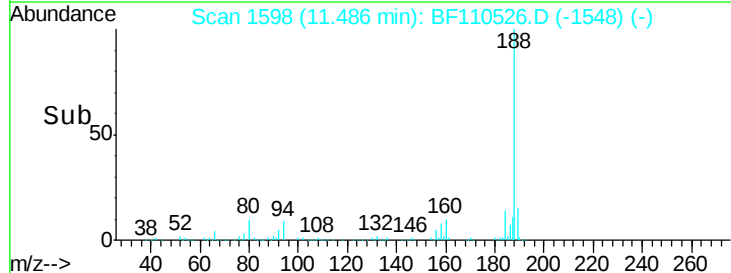
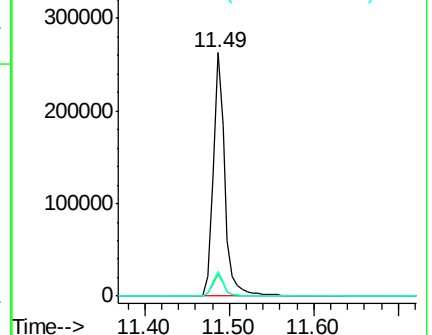
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.1	7.9	11.9

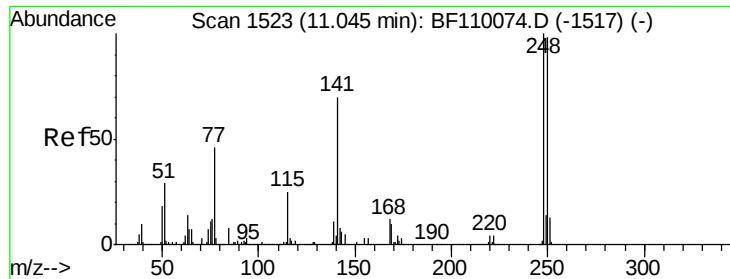


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

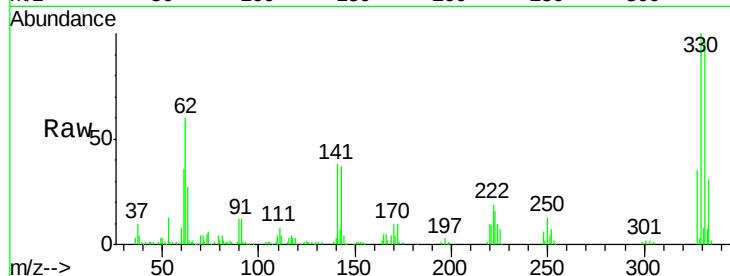




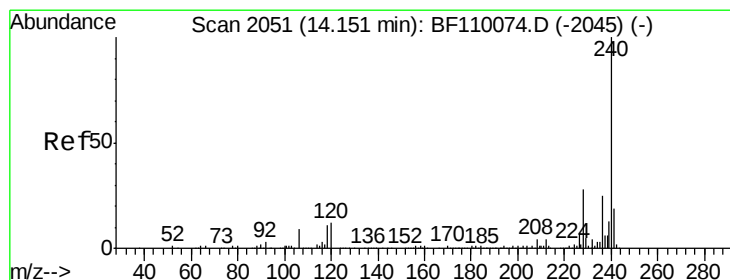
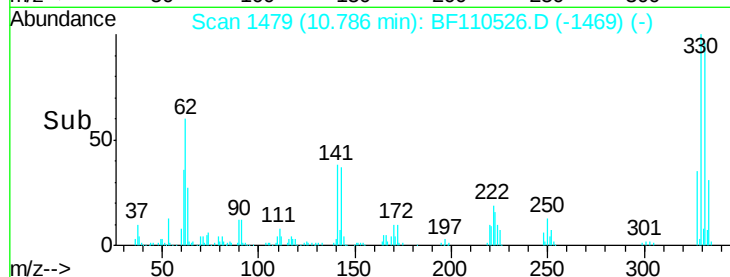
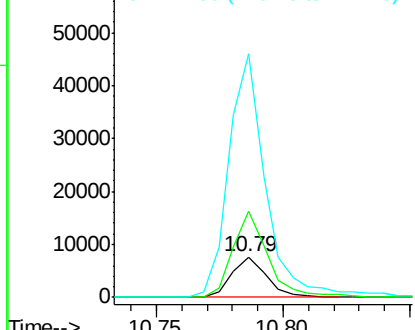
#67
4-Bromophenyl-phenylether
Concen: 2.63 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7272
Ion Ratio Lower Upper
248 100
250 213.1 79.4 119.2#
141 602.7 55.9 83.9#

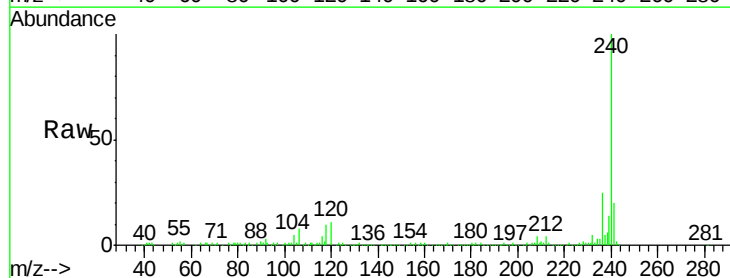


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

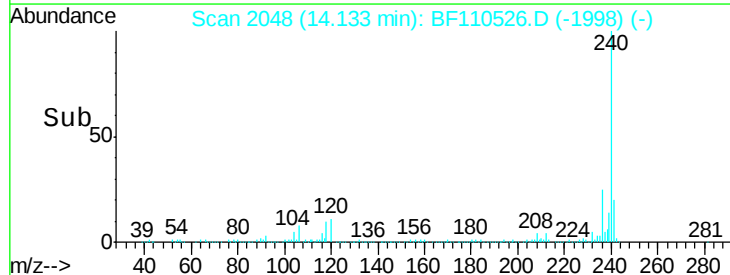
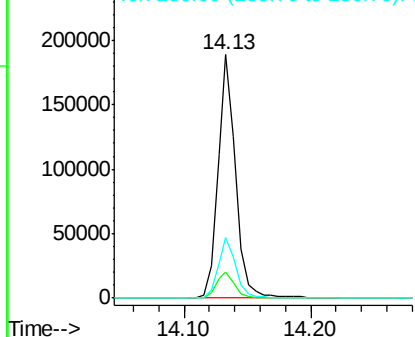


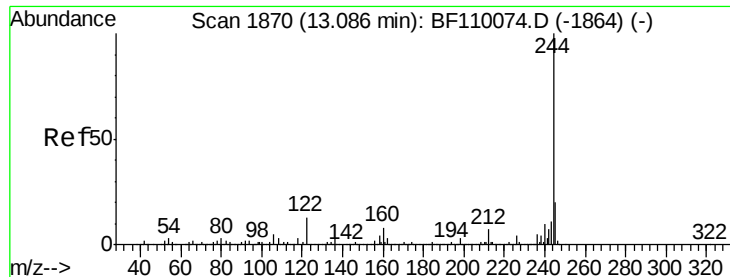
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion:240 Resp: 183184
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 25.1 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: 52.53 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110526.D

Acq: 6 Nov 2018 20:19

Instrument :

BNA_F

ClientSampleId :

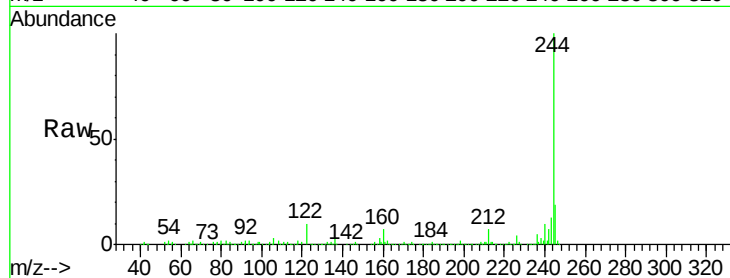
Tot Ion:244 Resp: 462673

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

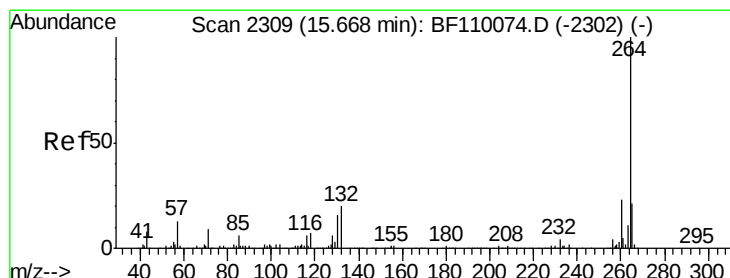
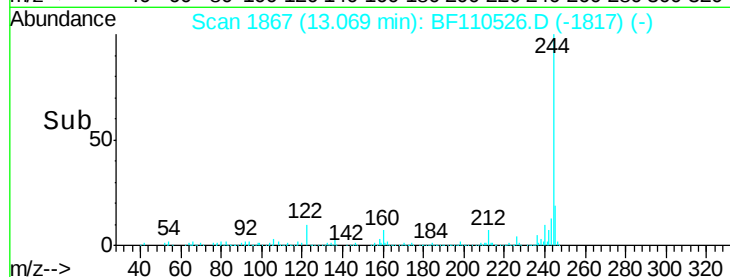
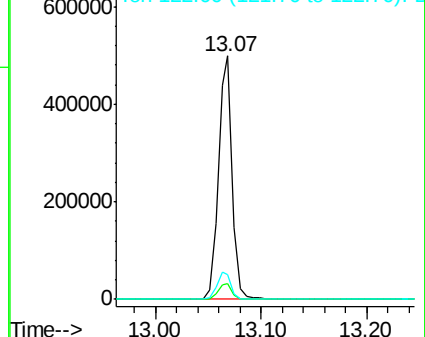
122 10.0 8.7 13.1



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: BF110526.D

Acq: 6 Nov 2018 20:19

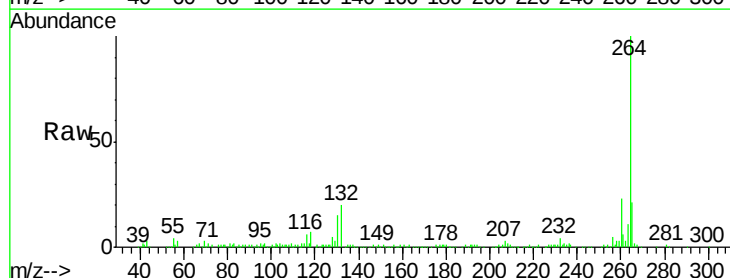
Tgt Ion:264 Resp: 155037

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

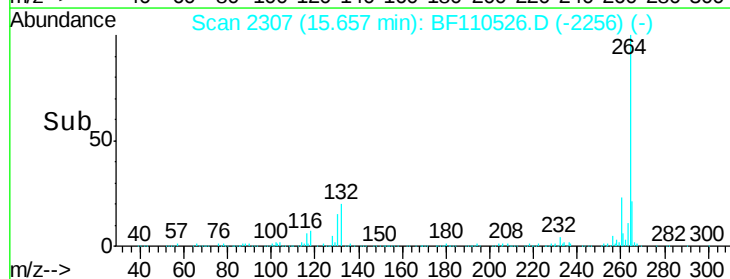
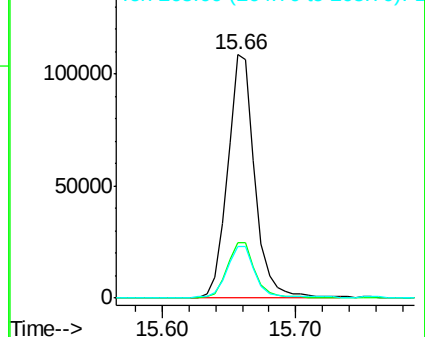
265 21.3 16.7 25.1

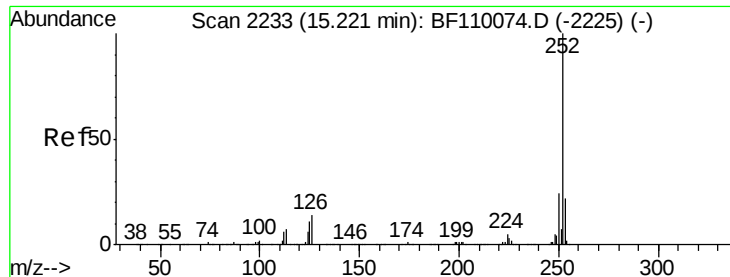


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

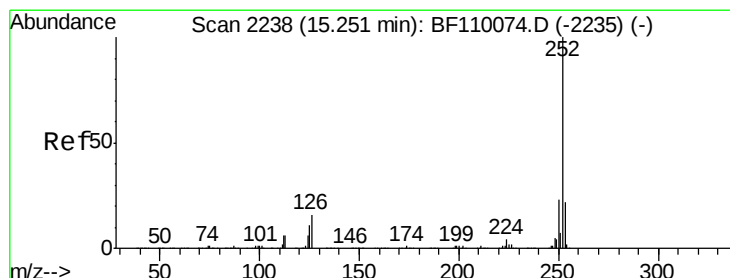
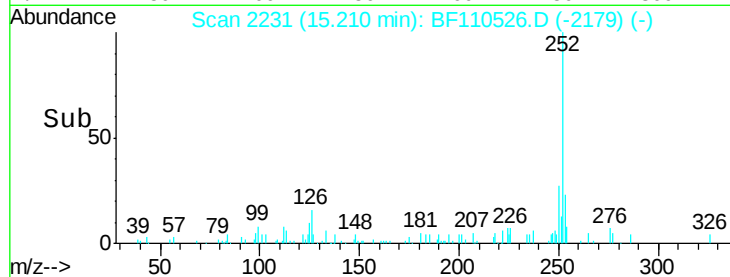
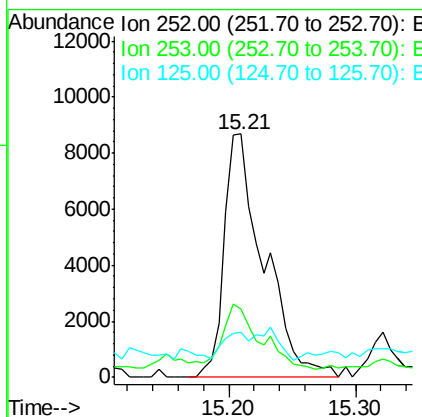
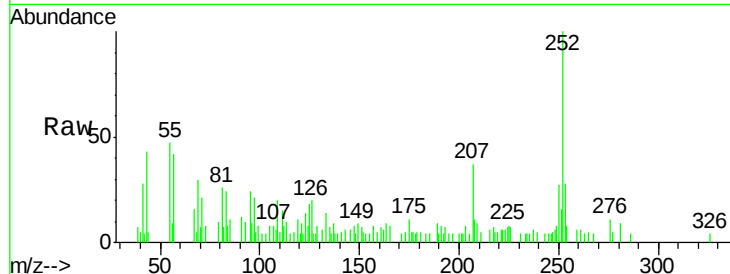




#88
Benzo(b)fluoranthene
Concen: 2.10 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.2	25.8#
125	18.4	8.2	12.4#



#89
Benzo(k)fluoranthene
Concen: 2.14 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.03 min
Lab File: BF110526.D
Acq: 6 Nov 2018 20:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	17.2	25.8#
125	18.4	7.4	11.0#

