

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110618\
 Data File : BF110531.D
 Acq On : 6 Nov 2018 22:34
 Operator : JU/SJ
 Sample : J5764-07 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 08:46:07 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	6.96	152	92831	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	351831	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	134565	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	214583	20.00	ng	0.00
76) Chrysene-d12	14.14	240	160489	20.00	ng	0.00
87) Perylene-d12	15.67	264	114885	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	222634	39.05	ng	0.00
7) Phenol-d6	6.57	99	281543	38.61	ng	0.00
23) Nitrobenzene-d5	7.52	82	155170	26.16	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	43721	32.80	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	295117	34.44	ng	0.00
79) Terphenyl-d14	13.07	244	229209	29.70	ng	0.00

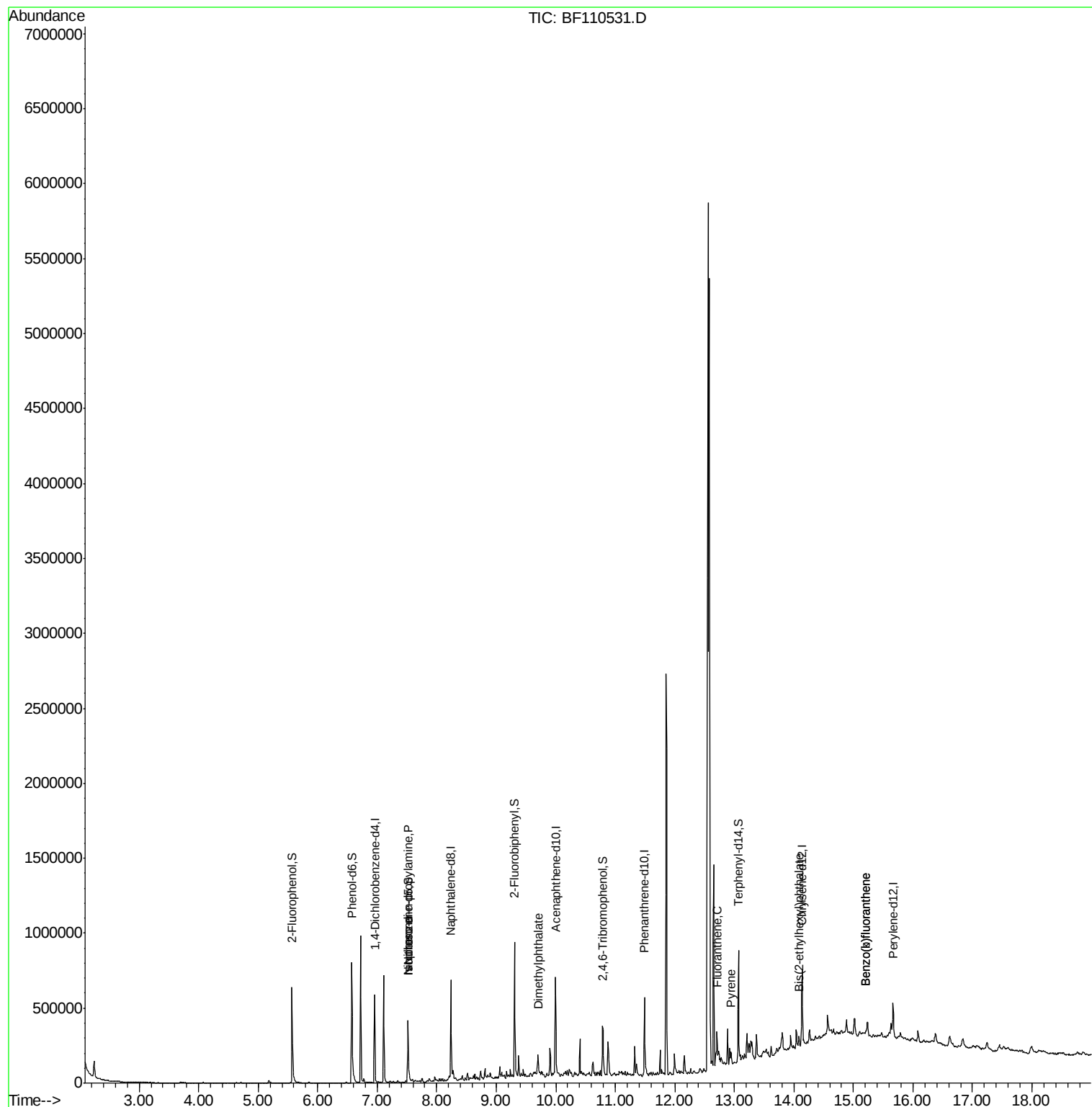
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	249	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.52	70	22644	4.84	ng	78
25) Isophorone	7.52	82	155168	15.35	ng	67
50) Dimethylphthalate	9.70	163	40620	4.09	ng	98
75) Fluoranthene	12.71	202	28543	2.50	ng	97
77) Benzidine	12.81	184	243	Below Cal	#	1
78) Pyrene	12.94	202	29679	2.58	ng	97
84) Bis(2-ethylhexyl)phthalate	14.09	149	16540	2.45	ng	89
88) Benzo(b)fluoranthene	15.22	252	16135	2.43	ng	51
89) Benzo(k)fluoranthene	15.22	252	16135	2.47	ng	51

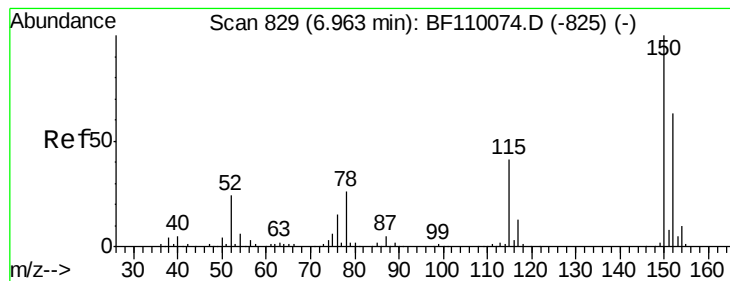
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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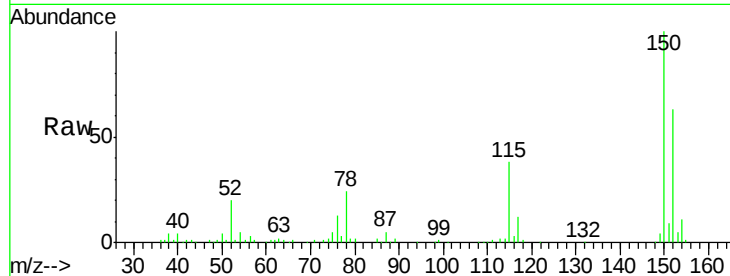


#1

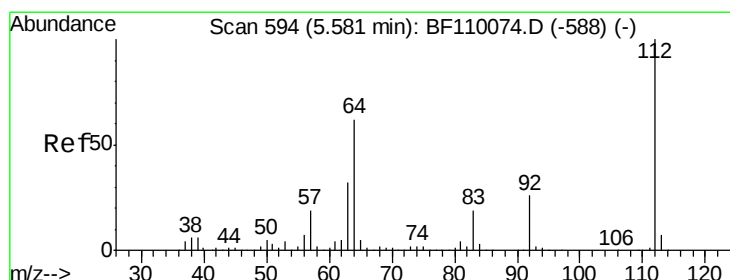
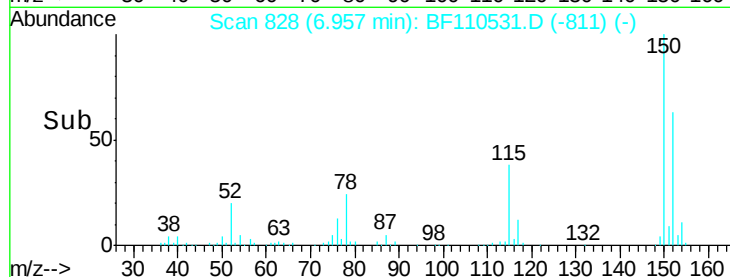
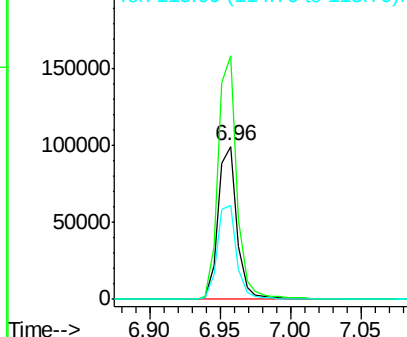
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110531.D
Acq: 6 Nov 2018 22:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 92831
Ion Ratio Lower Upper
152 100
150 159.2 122.7 184.1
115 61.1 49.1 73.7



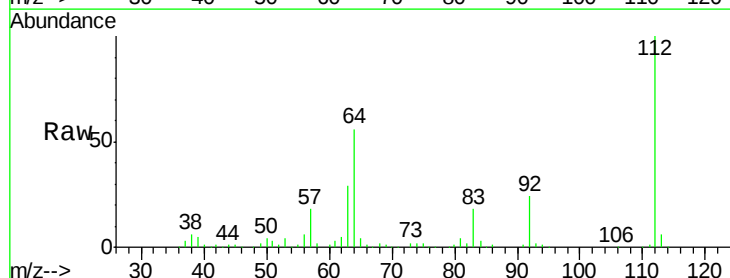
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



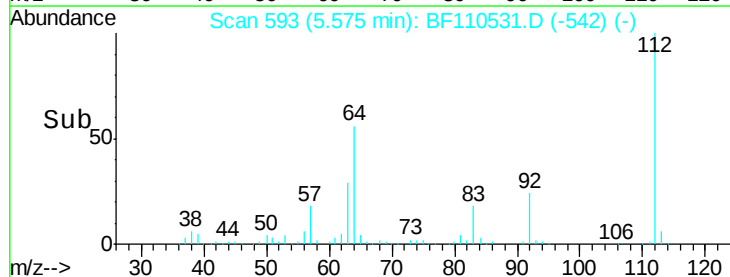
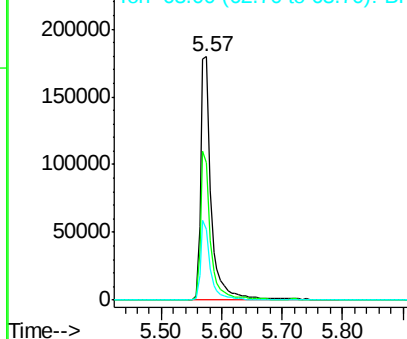
#5

2-Fluorophenol
Concen: 39.05 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110531.D
Acq: 6 Nov 2018 22:34

Tgt Ion:112 Resp: 222634
Ion Ratio Lower Upper
112 100
64 56.3 44.1 66.1
63 29.1 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: 38.61 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

Instrument :

BNA_F

ClientSampleId :

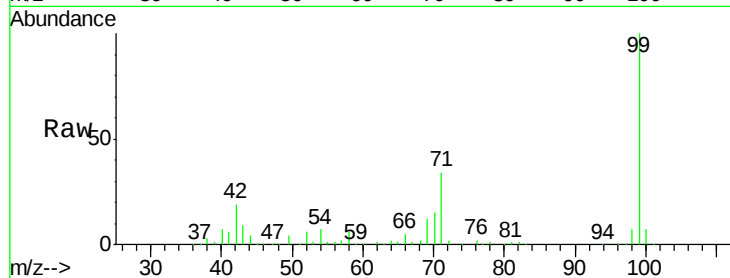
Tot Ion: 99 Resp: 281543

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

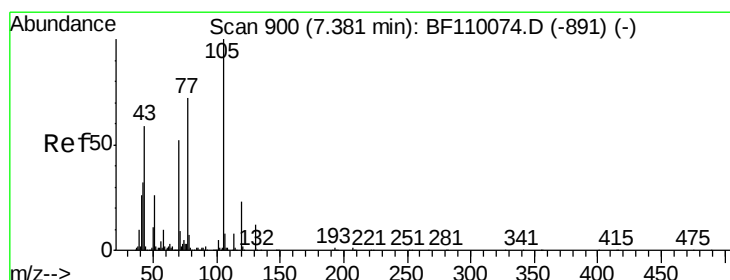
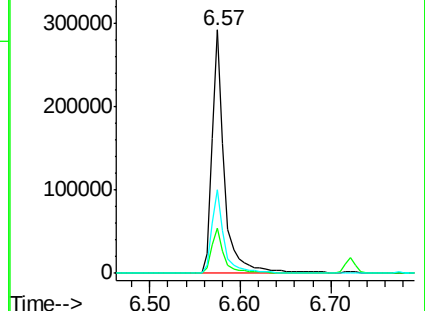
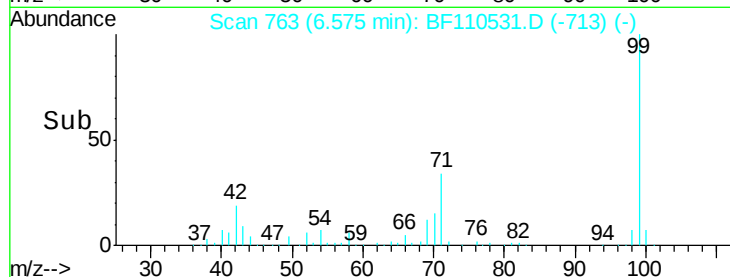
71 34.1 28.0 42.0



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: 4.84 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.15 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

Tgt Ion: 70 Resp: 22644

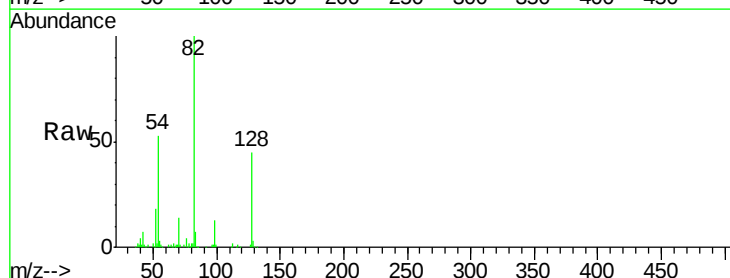
Ion Ratio Lower Upper

70 100

42 47.9 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

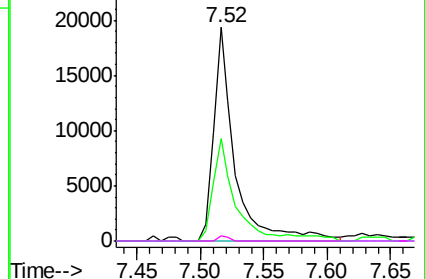
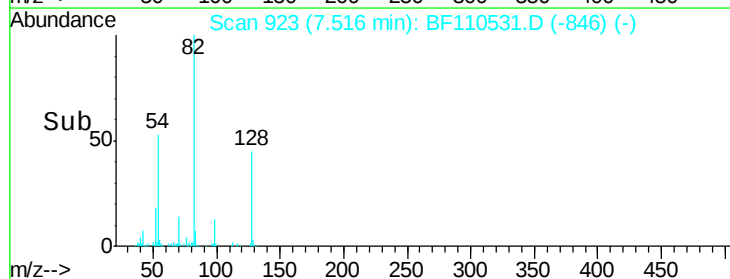


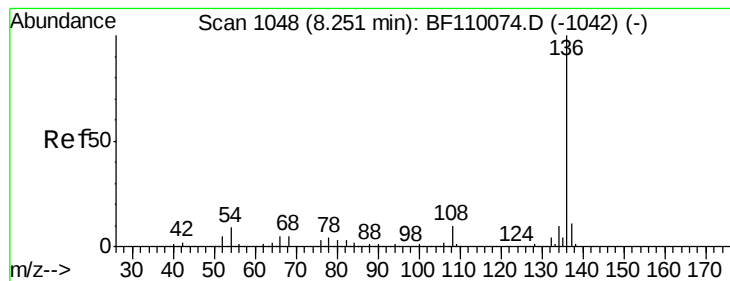
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.00 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 351831

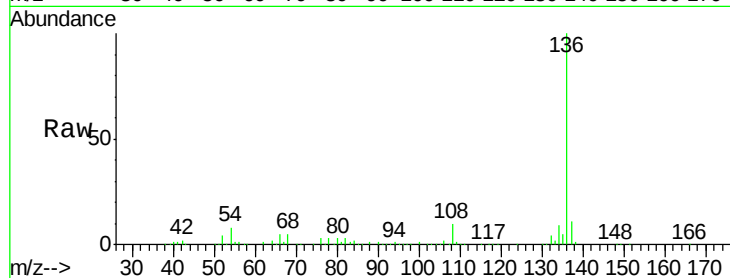
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.7 5.4 8.2

68 4.9 4.2 6.2

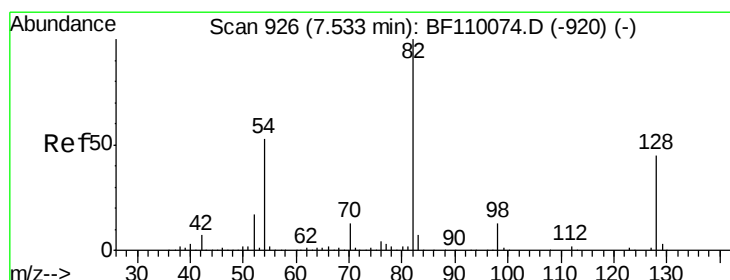
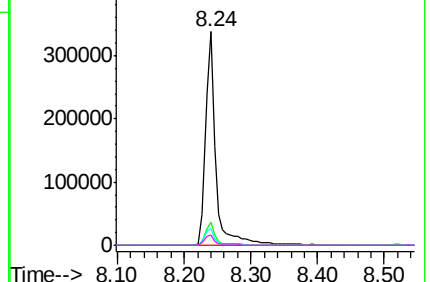
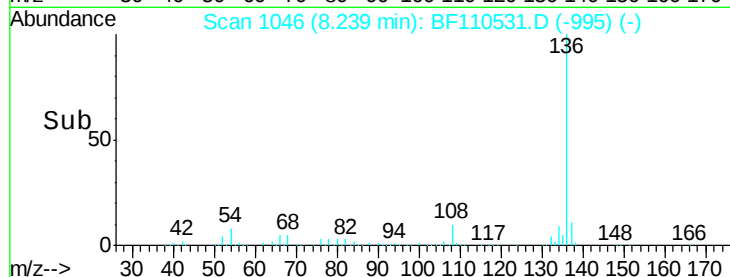


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 26.16 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

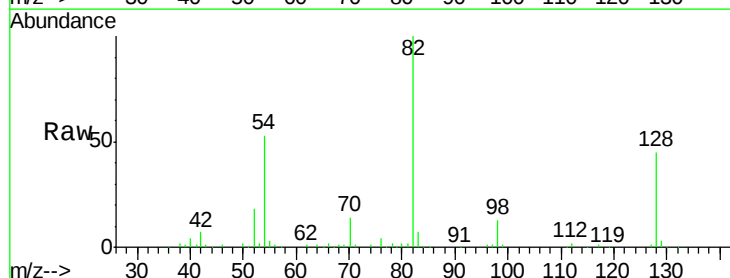
Tgt Ion: 82 Resp: 155170

Ion Ratio Lower Upper

82 100

128 45.1 34.2 51.2

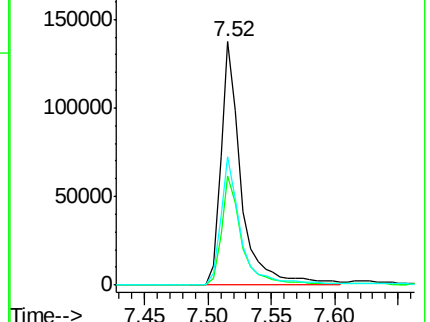
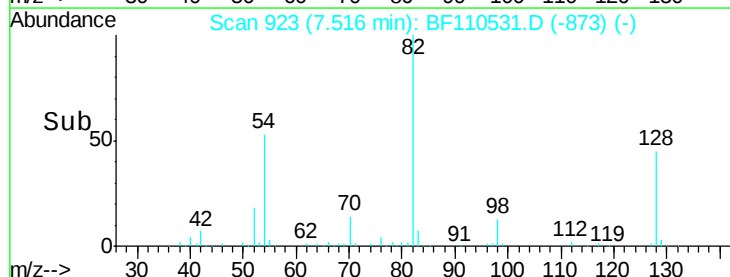
54 52.8 38.6 58.0

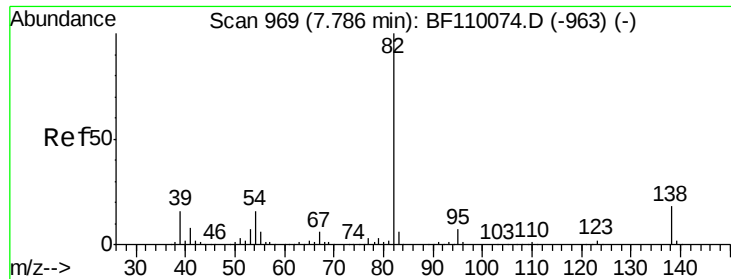


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 15.35 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.26 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

Instrument :

BNA_F

ClientSampleId :

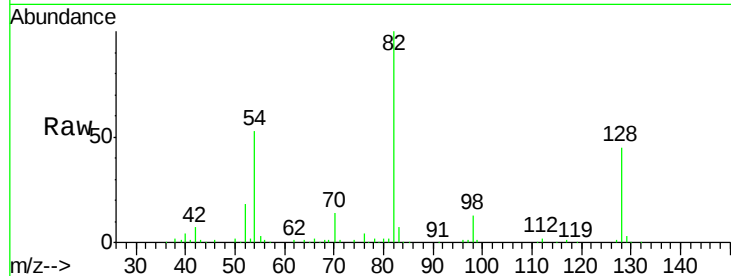
Tot Ion: 82 Resp: 155168

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

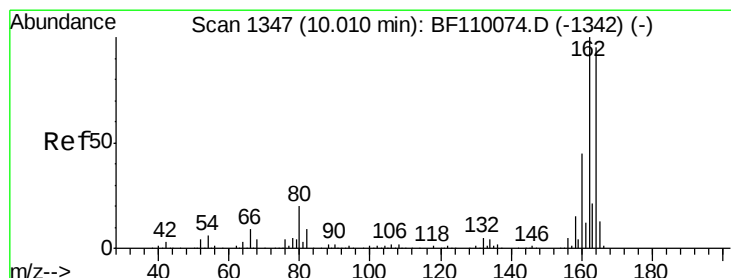
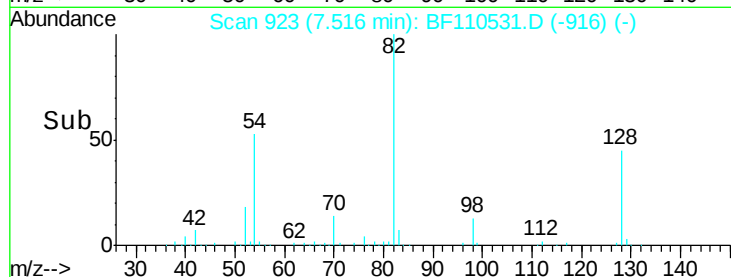
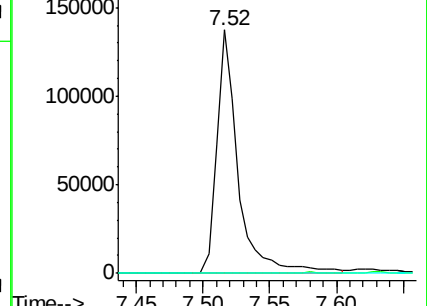
138 0.0 13.2 19.8#



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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

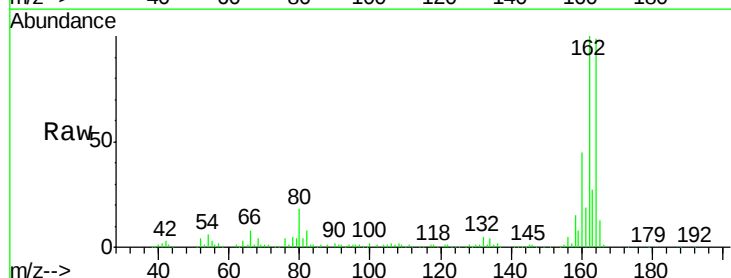
Tgt Ion:164 Resp: 134565

Ion Ratio Lower Upper

164 100

162 100.7 83.0 124.6

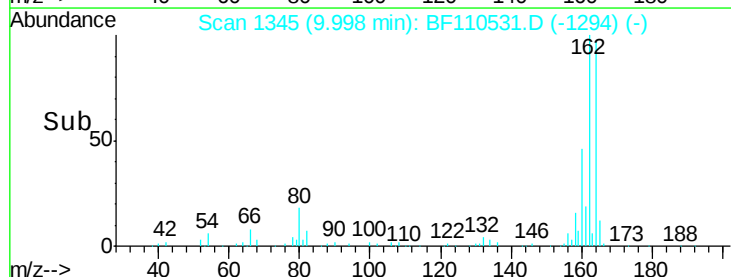
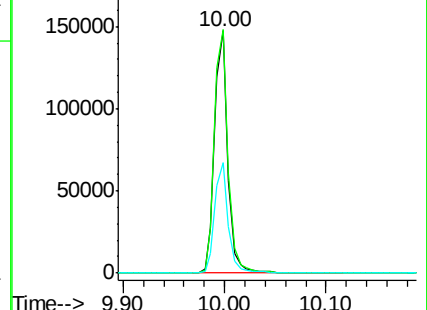
160 45.7 37.0 55.6

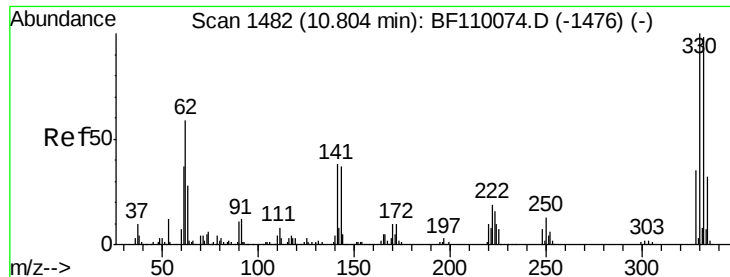


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

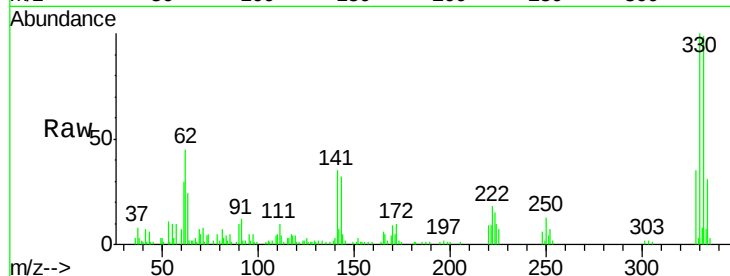




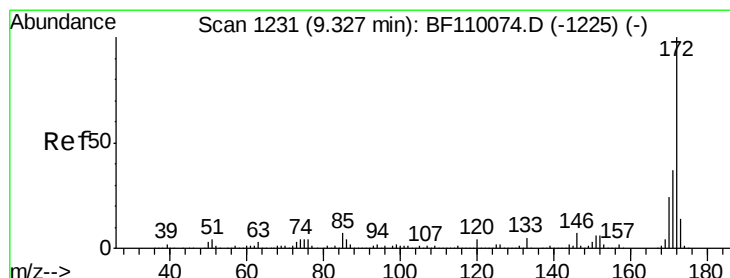
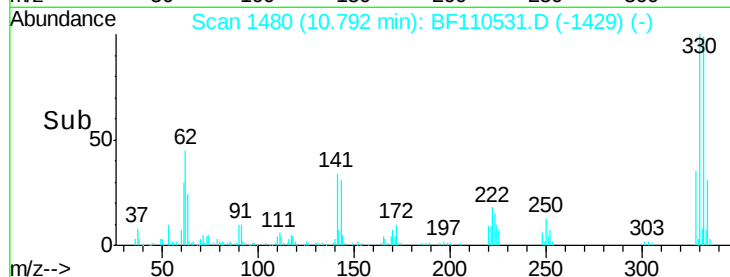
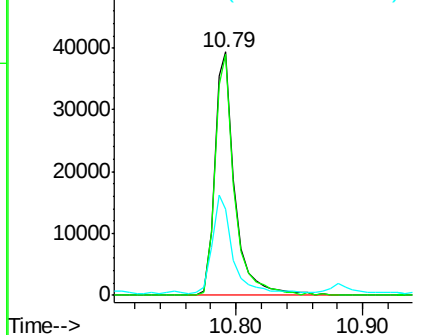
#42
 2,4,6-Tribromophenol
 Concen: 32.80 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110531.D
 Acq: 6 Nov 2018 22:34

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 43721
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 40.1 27.0 40.4

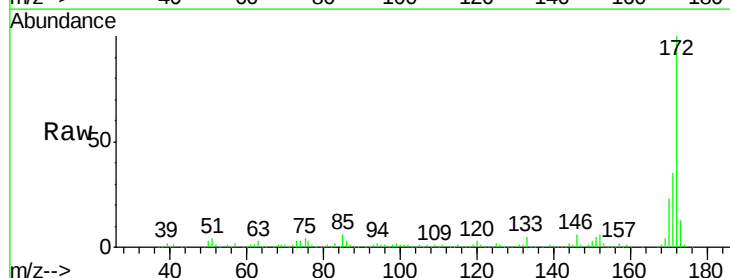


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

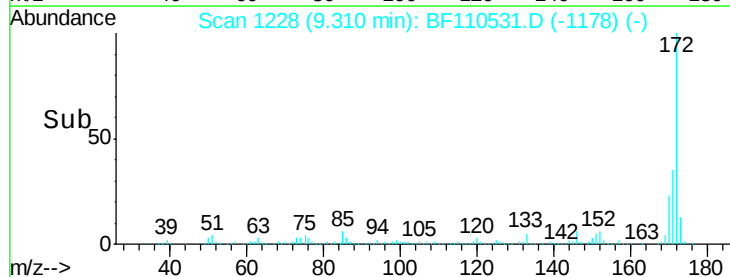
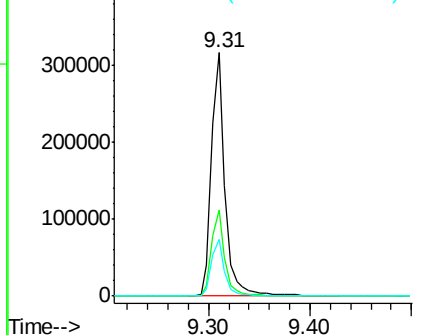


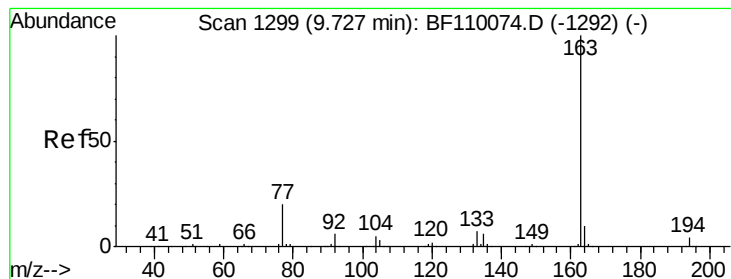
#45
 2-Fluorobiphenyl
 Concen: 34.44 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110531.D
 Acq: 6 Nov 2018 22:34

Tgt Ion:172 Resp: 295117
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.4 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: 4.09 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

Instrument :

BNA_F

ClientSampleId :

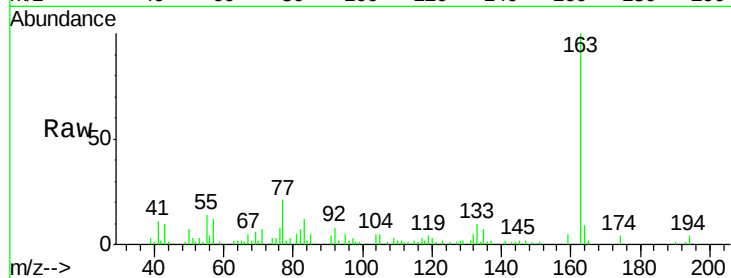
Tot Ion:163 Resp: 40620

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

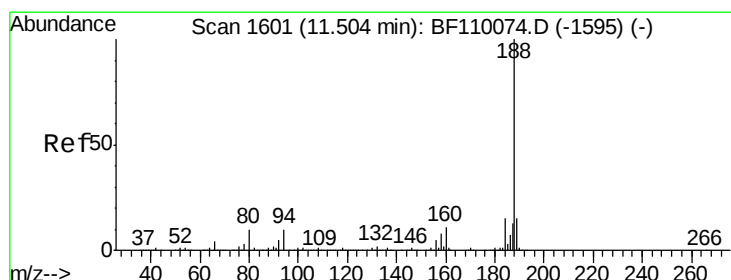
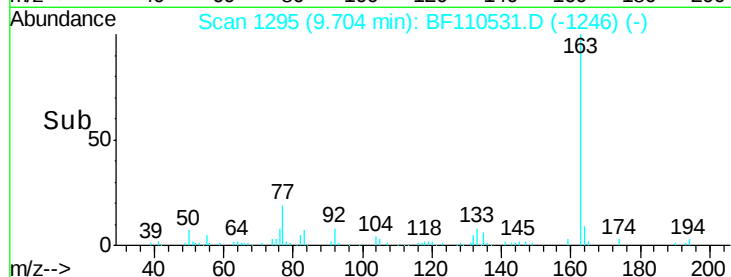
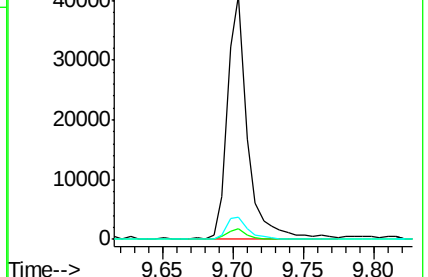
164 9.0 8.1 12.1



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



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

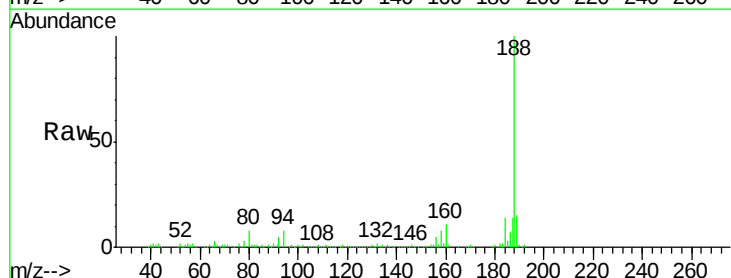
Tgt Ion:188 Resp: 214583

Ion Ratio Lower Upper

188 100

94 7.9 7.2 10.8

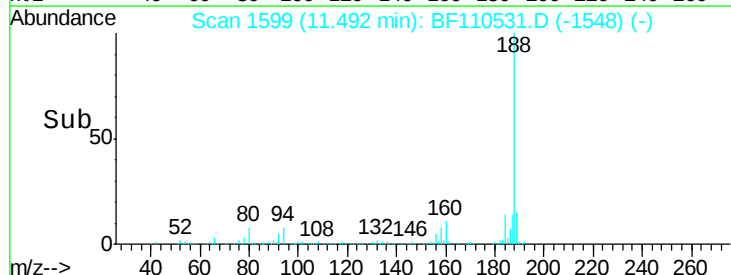
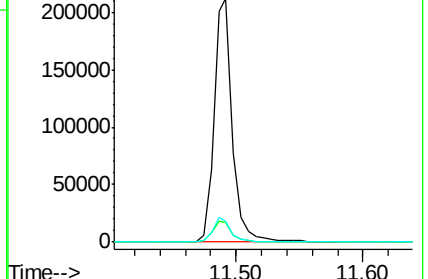
80 8.5 7.9 11.9

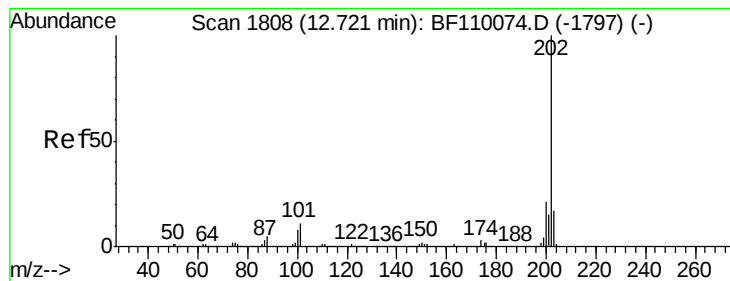


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Fluoranthene

Concen: 2.50 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

Instrument :

BNA_F

ClientSampleId :

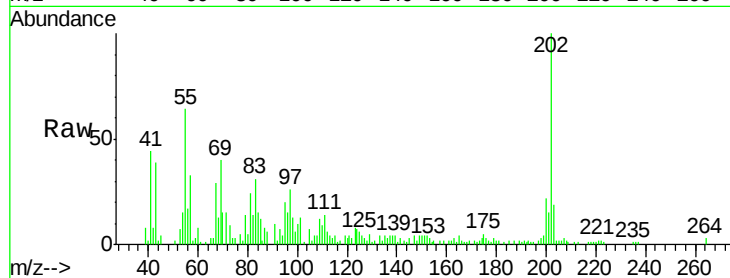
Tot Ion:202 Resp: 28543

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.4

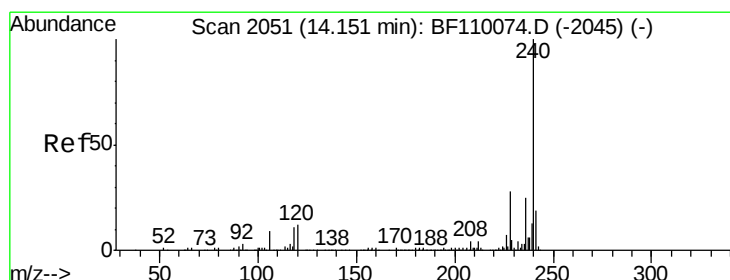
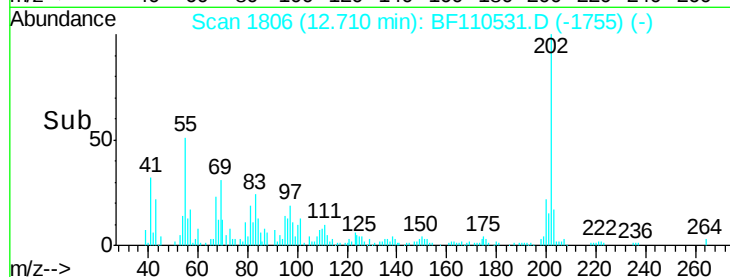
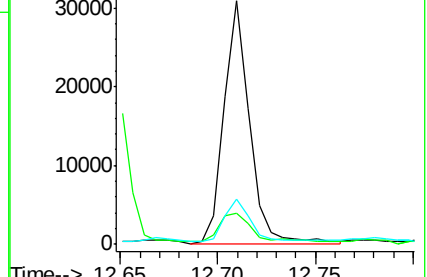
203 18.6 0.0 37.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.14 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

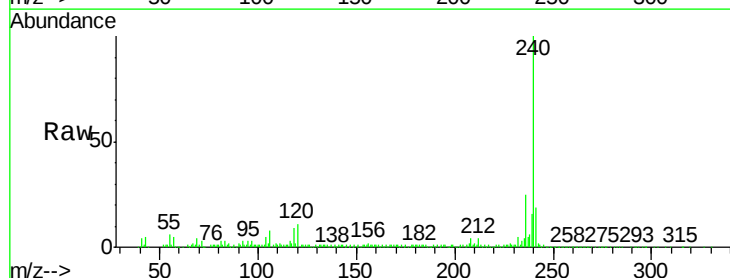
Tgt Ion:240 Resp: 160489

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

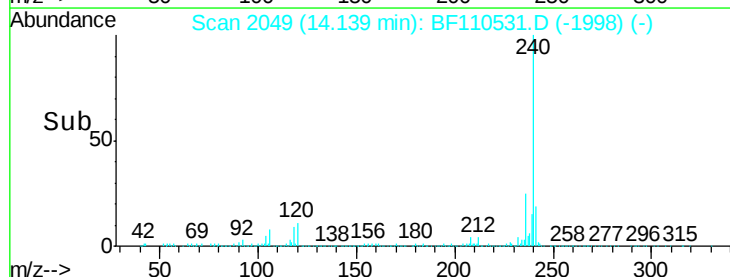
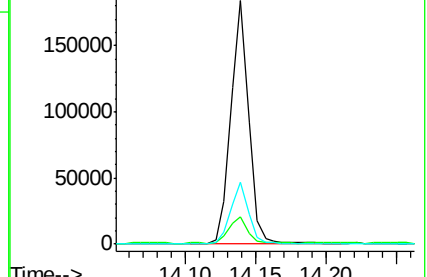
236 25.4 21.2 31.8

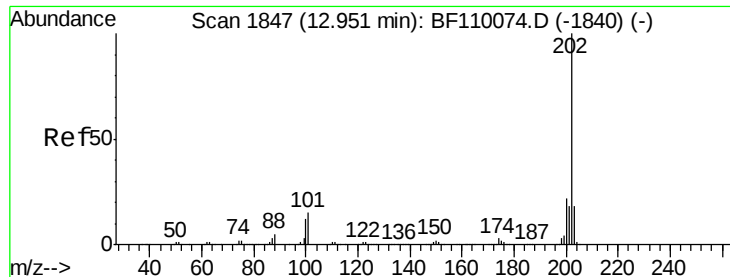


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

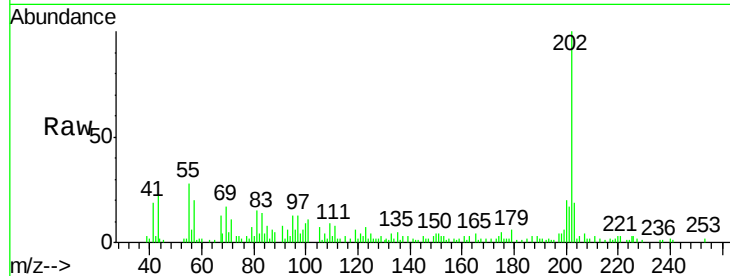




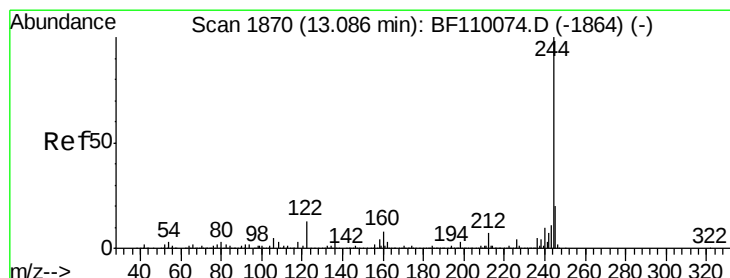
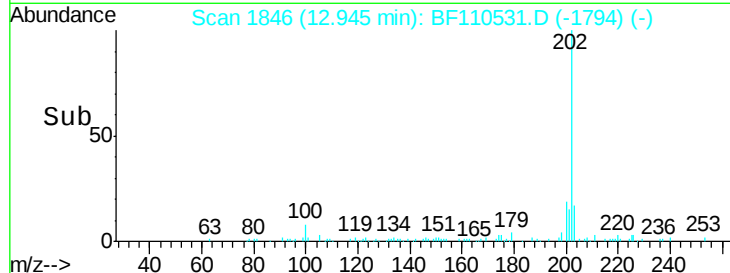
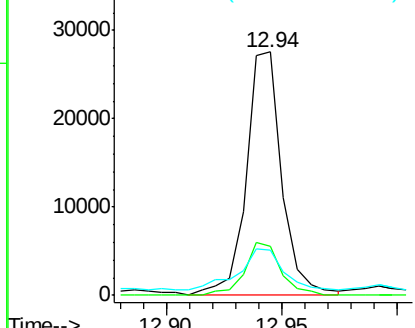
#78
Pvrene
Concen: 2.58 ng
RT: 12.94 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BF110531.D
Acq: 6 Nov 2018 22:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 29679
Ion Ratio Lower Upper
202 100
200 20.1 17.8 26.6
203 18.5 14.2 21.4

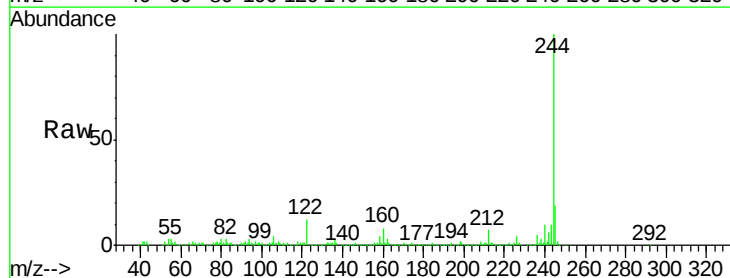


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

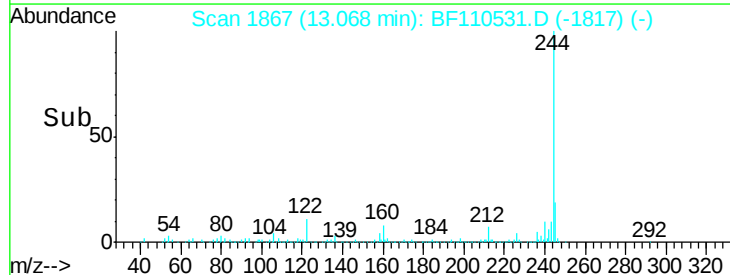
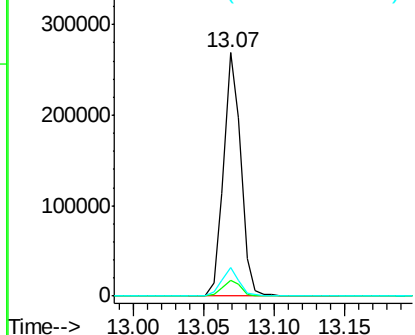


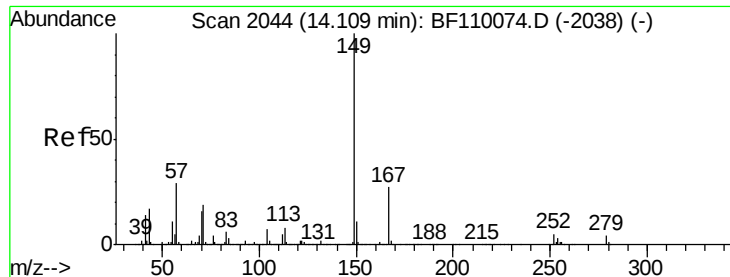
#79
Terphenyl-d14
Concen: 29.70 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110531.D
Acq: 6 Nov 2018 22:34

Tgt Ion:244 Resp: 229209
Ion Ratio Lower Upper
244 100
212 6.7 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





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.45 ng

RT: 14.09 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

Instrument :

BNA_F

ClientSampled :

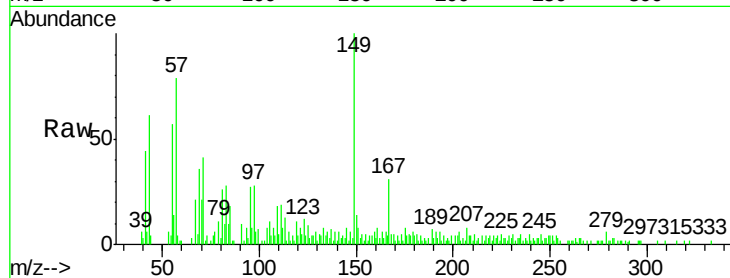
Tot Ion:149 Resp: 16540

Ion Ratio Lower Upper

149 100

167 30.9 19.8 29.8#

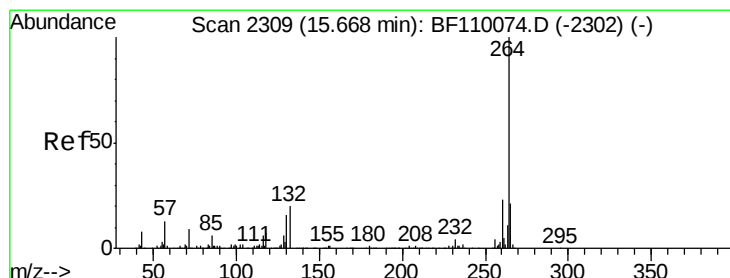
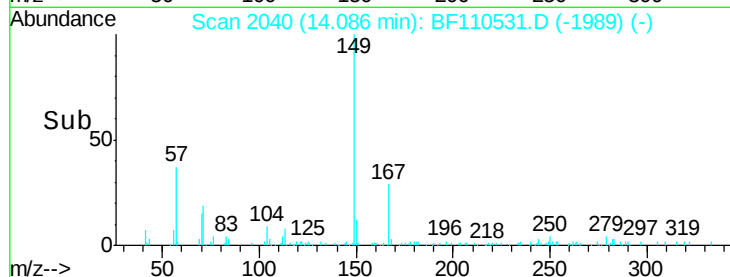
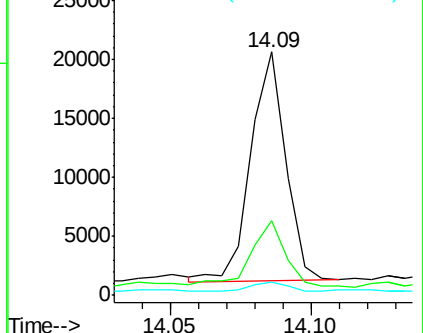
279 5.5 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.00 ng

RT: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110531.D

Acq: 6 Nov 2018 22:34

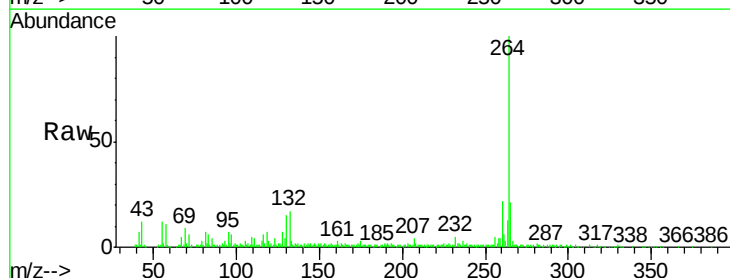
Tgt Ion:264 Resp: 114885

Ion Ratio Lower Upper

264 100

260 21.6 18.7 28.1

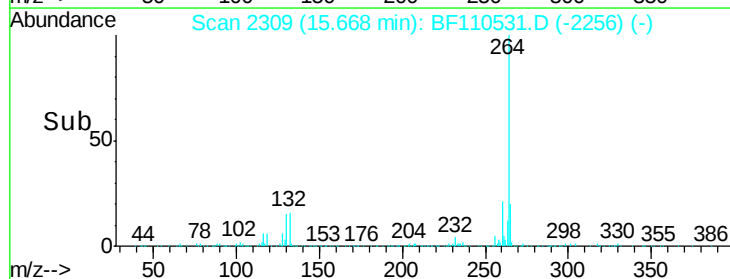
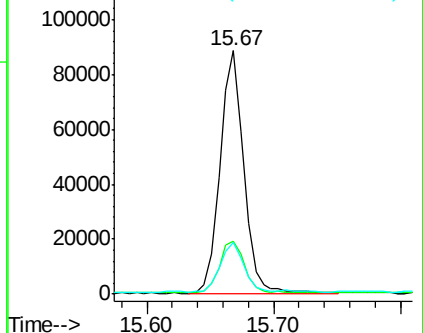
265 21.4 16.7 25.1

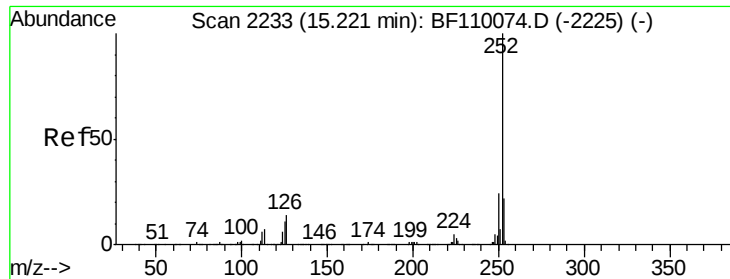


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

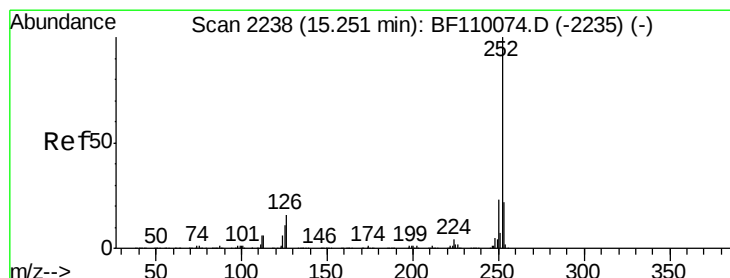
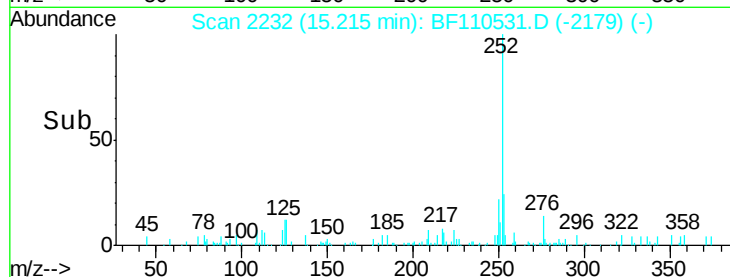
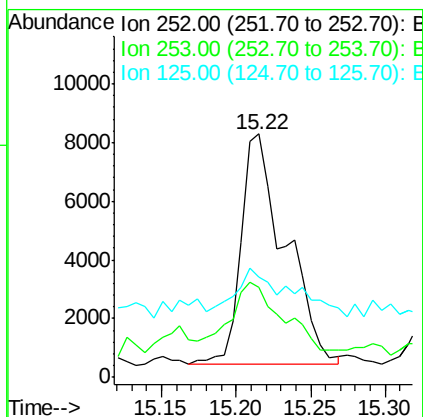
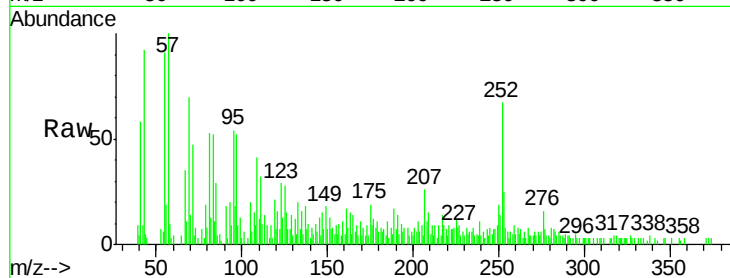




#88
Benzo(b)fluoranthene
Concen: 2.43 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110531.D
Acq: 6 Nov 2018 22:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 16135
Ion Ratio Lower Upper
252 100
253 37.0 17.2 25.8#
125 41.0 8.2 12.4#



#89
Benzo(k)fluoranthene
Concen: 2.47 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.02 min
Lab File: BF110531.D
Acq: 6 Nov 2018 22:34

Tgt Ion:252 Resp: 16135
Ion Ratio Lower Upper
252 100
253 37.0 17.2 25.8#
125 41.0 7.4 11.0#

