

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109194.D
 Acq On : 20 Sep 2018 20:53
 Operator : JU/SJ
 Sample : J4993-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:12:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	100155	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	369625	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	126804	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	135010	20.00	ng	0.01
75) Chrysene-d12	13.89	240	156743	20.00	ng	0.03
86) Perylene-d12	15.28	264	238156	20.00	ng	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	284247	47.14	ng	0.00
7) Phenol-d6	6.35	99	362123	46.57	ng	0.00
23) Nitrobenzene-d5	7.28	82	243548	36.96	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	50160	36.45	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	271691	33.57	ng	0.00
78) Terphenyl-d14	12.84	244	134714	20.37	ng	0.03

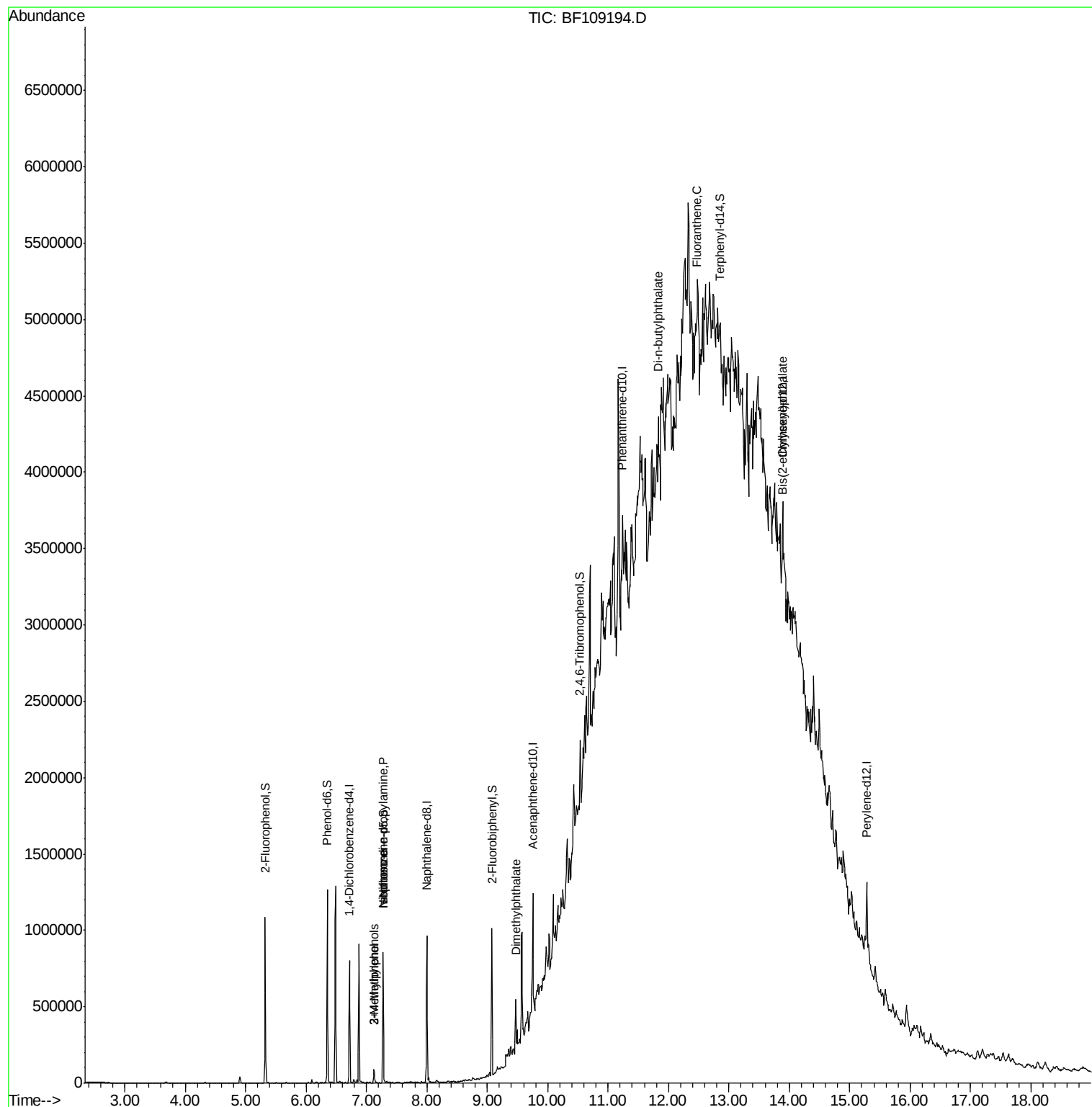
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) 2-Methylphenol	7.12	107	17411	3.162	ng	# 66
19) n-Nitroso-di-n-propylamine	7.28	70	34134	6.641	ng	# 76
20) 3+4-Methylphenols	7.12	107	17411	2.626	ng	# 84
25) Isophorone	7.28	82	241313	21.302	ng	# 64
49) Dimethylphthalate	9.47	163	128522	14.181	ng	# 99
73) Di-n-butylphthalate	11.83	149	17419	2.241	ng	# 26
74) Fluoranthene	12.47	202	14493	2.074	ng	# 8
83) Bis(2-ethylhexyl)phthalate	13.88	149	31490	5.001	ng	# 92

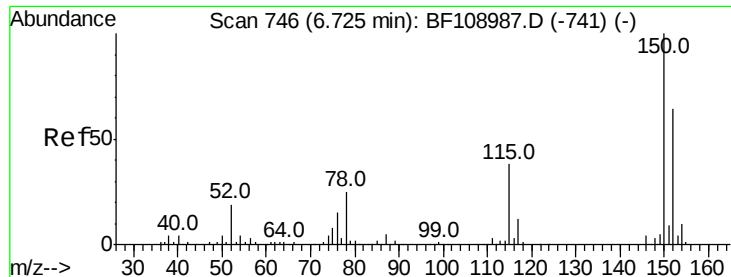
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 14 13:26:52 2018
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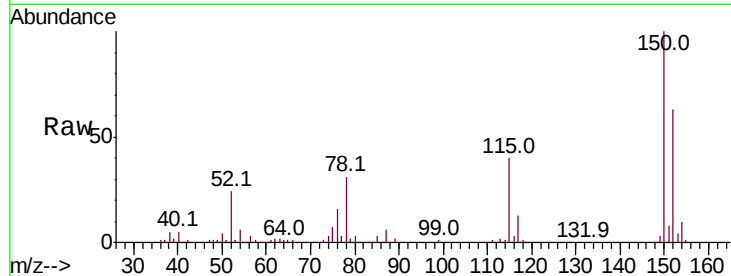


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	64.0	50.1	75.1

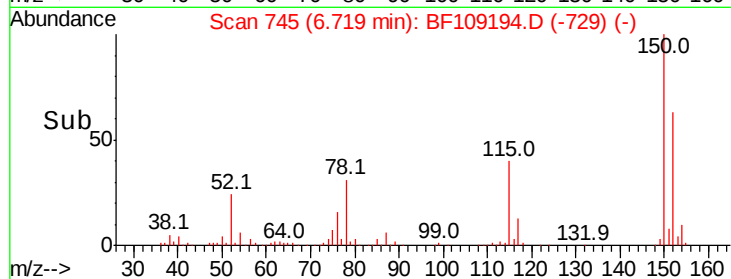
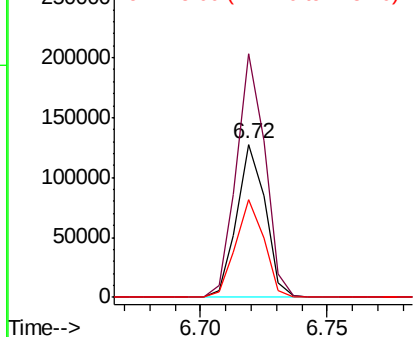


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

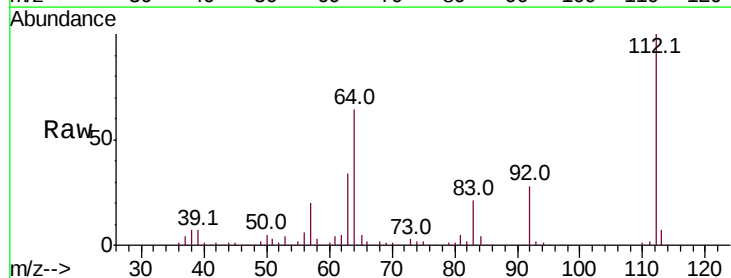
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 47.137 ng
RT: 5.32 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	47.9	71.9
63	34.5	23.7	35.5

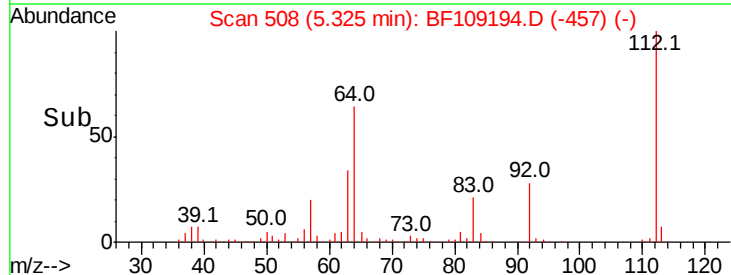
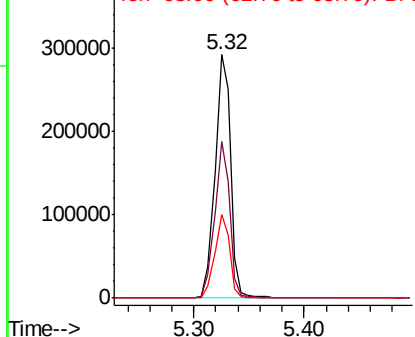


Abundance

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: 46.571 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_F

ClientSampled :

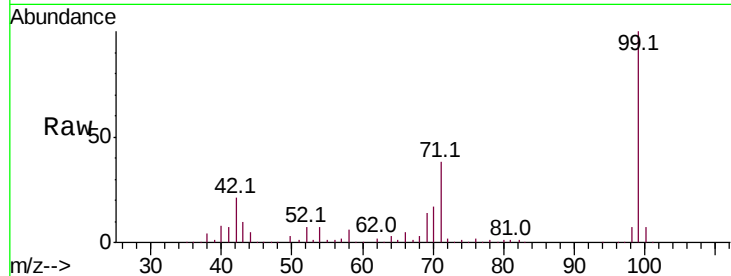
Tot Ion: 99 Resp: 362123

Ion Ratio Lower Upper

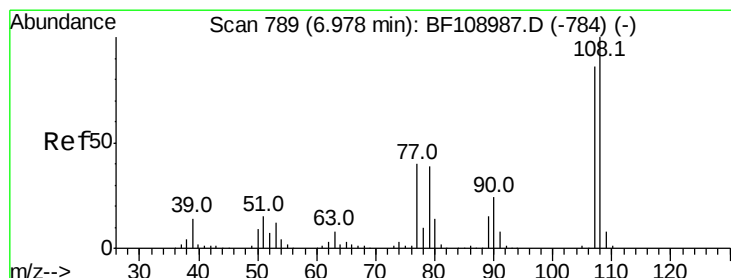
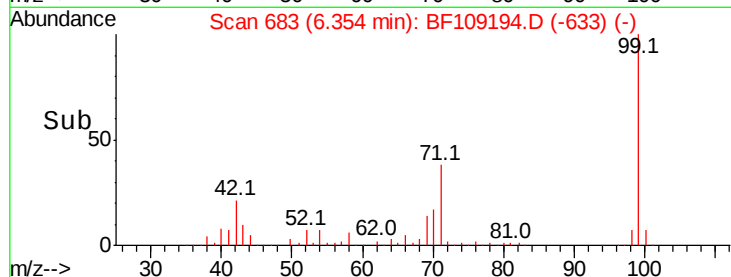
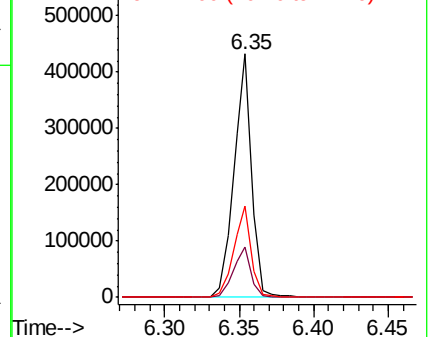
99 100

42 20.6 14.5 21.7

71 37.7 25.4 38.0



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



#17

2-Methylphenol

Concen: 3.162 ng

RT: 7.12 min Scan# 814

Delta R.T. 0.15 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

Tgt Ion: 107 Resp: 17411

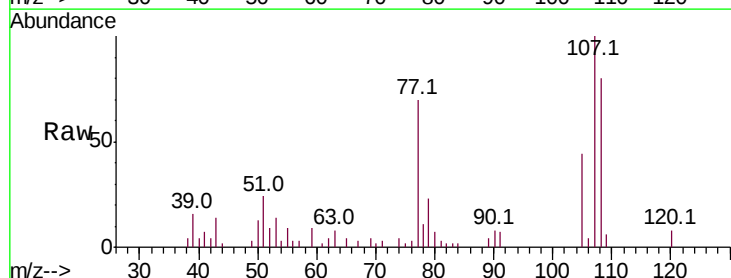
Ion Ratio Lower Upper

107 100

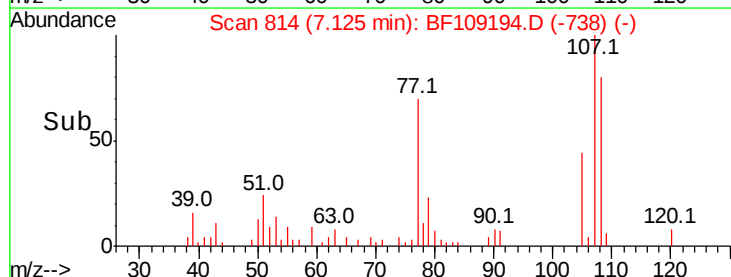
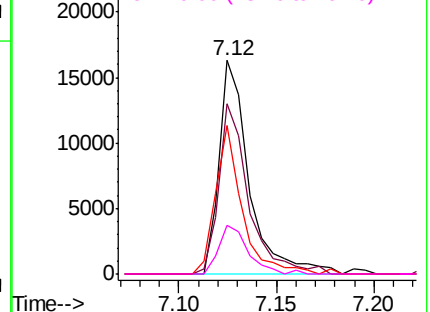
108 79.9 91.7 137.5#

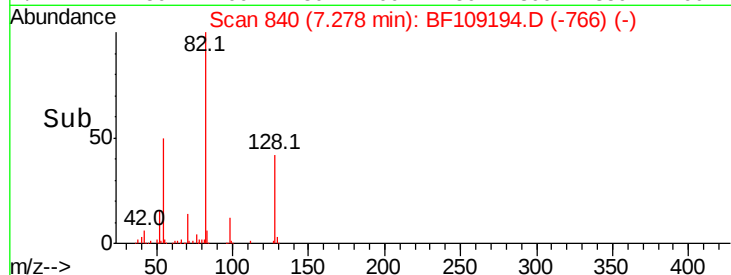
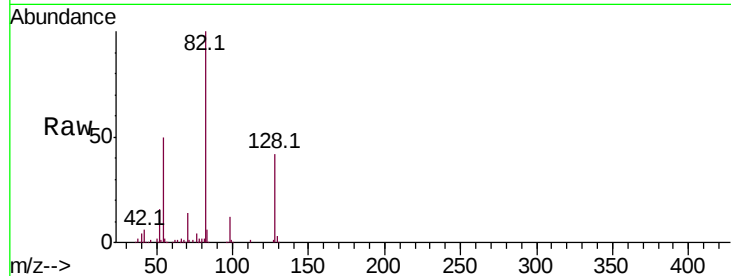
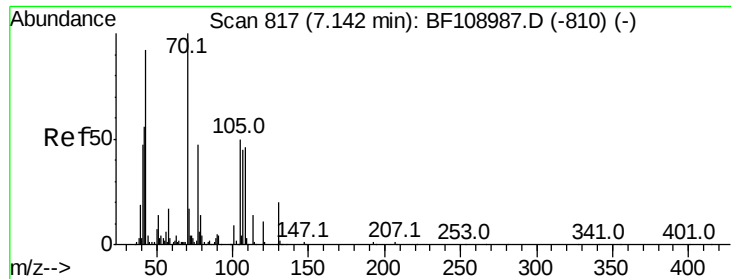
77 69.5 33.8 50.8#

79 22.6 33.8 50.8#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

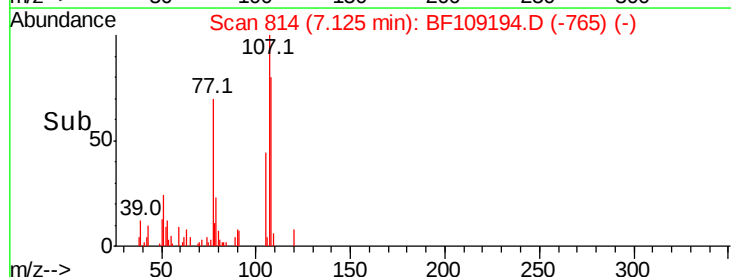
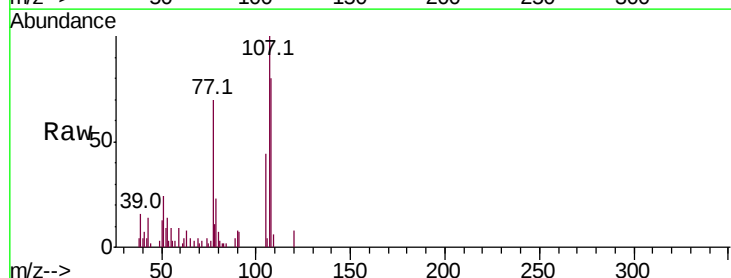
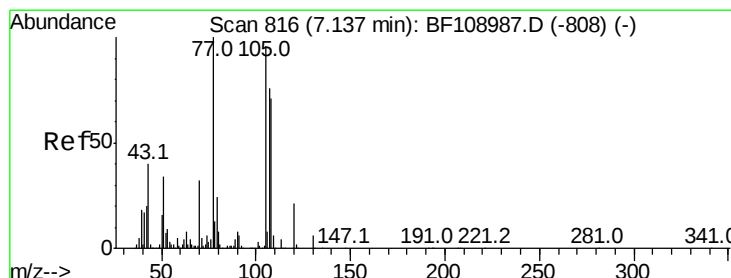
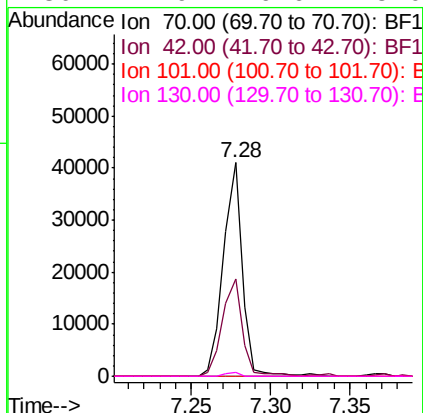




#19
n-Nitroso-di-n-propylamine
Concen: 6.641 ng
RT: 7.28 min Scan# 840
Delta R.T. 0.14 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

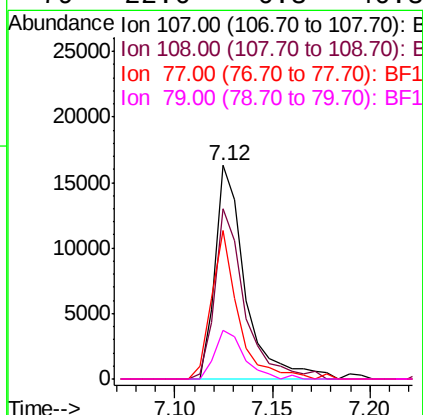
Instrument :
BNA_F
ClientSampleId :

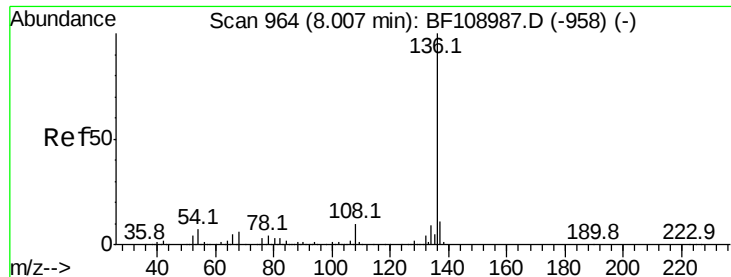
Tot Ion: 70 Resp: 34134
Ion Ratio Lower Upper
70 100
42 45.5 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#20
3+4-Methylphenols
Concen: 2.626 ng
RT: 7.12 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

Tgt Ion:107 Resp: 17411
Ion Ratio Lower Upper
107 100
108 79.9 68.2 108.2
77 69.5 26.7 66.7#
79 22.6 6.3 46.3

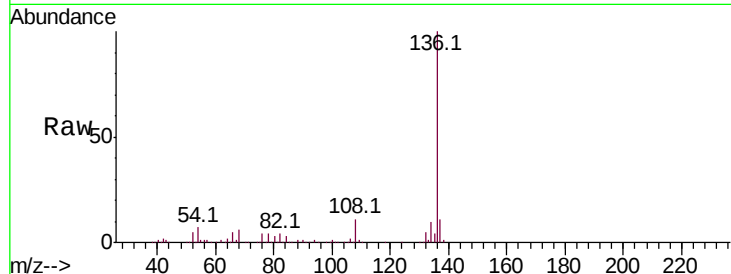




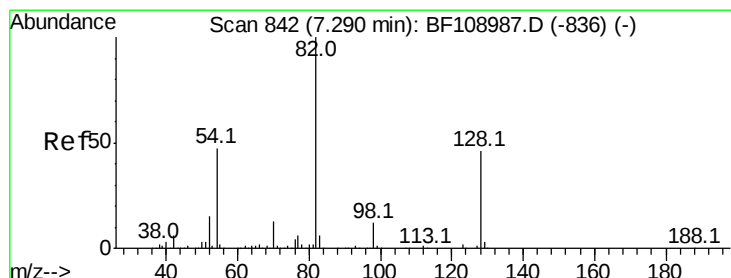
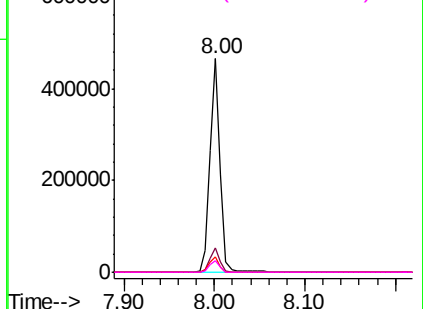
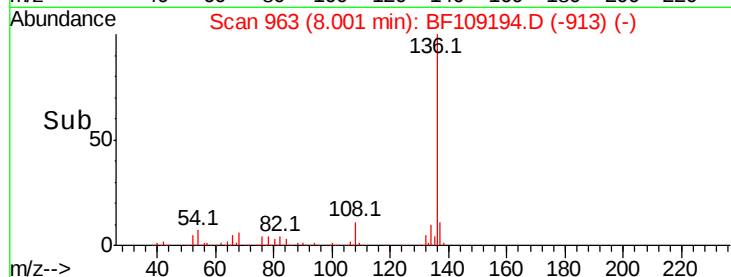
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 963
Delta R.T. -0.01 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	369625
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	7.3	6.6 9.8
68	5.6	5.0 7.4

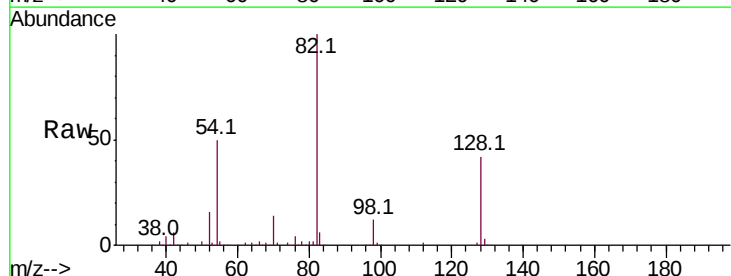


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

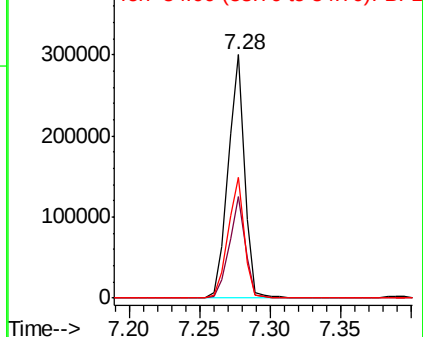
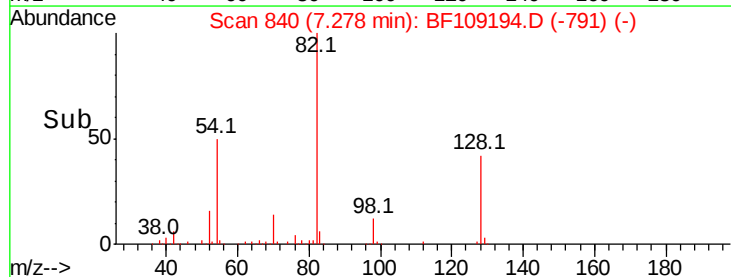


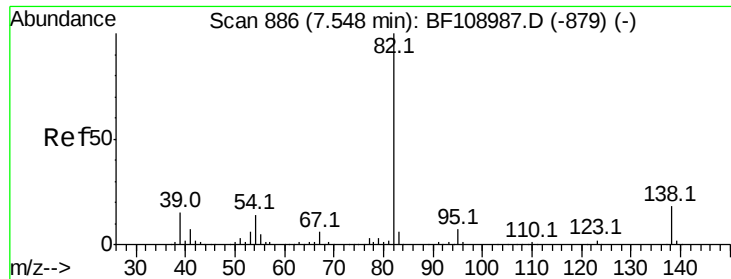
#23
Nitrobenzene-d5
Concen: 36.957 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

Tgt Ion: 82	Resp:	243548
Ion Ratio	Lower	Upper
82	100	
128	41.6	36.1 54.1
54	49.8	41.4 62.2



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: 21.302 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_F

ClientSampleId :

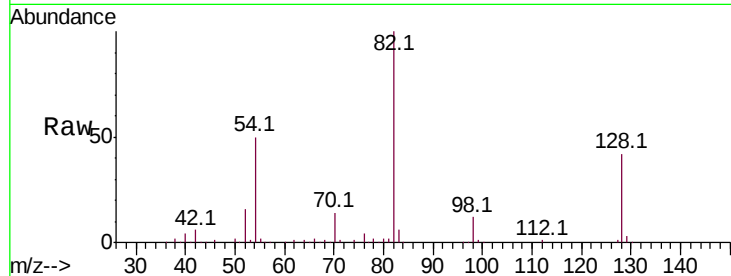
Tot Ion: 82 Resp: 241313

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

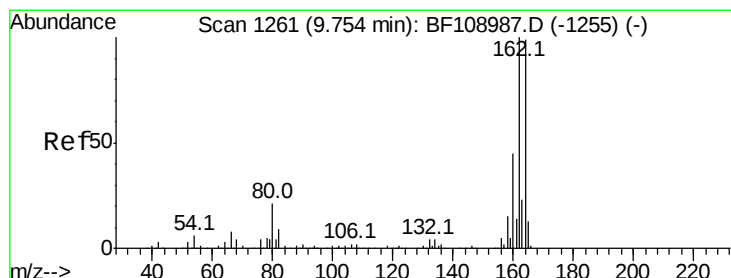
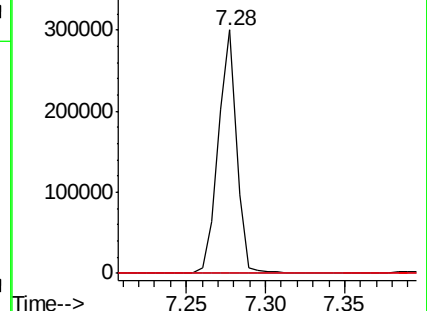
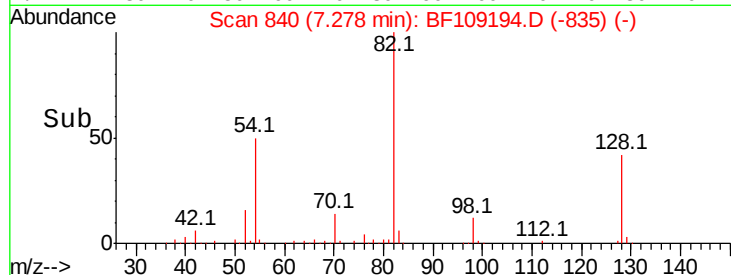
138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

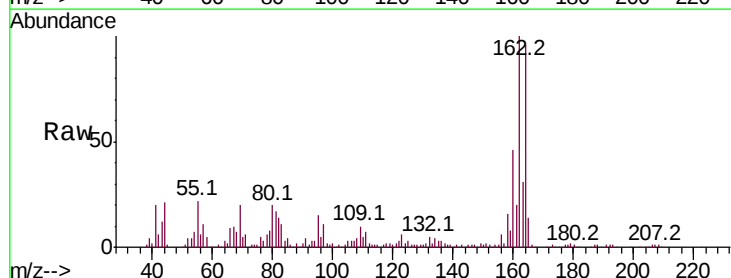
Tgt Ion:164 Resp: 126804

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

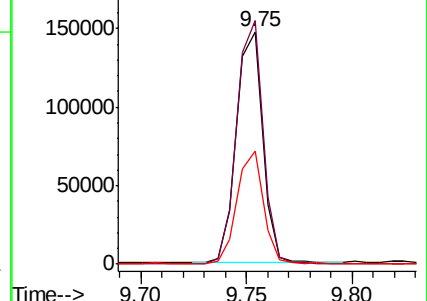
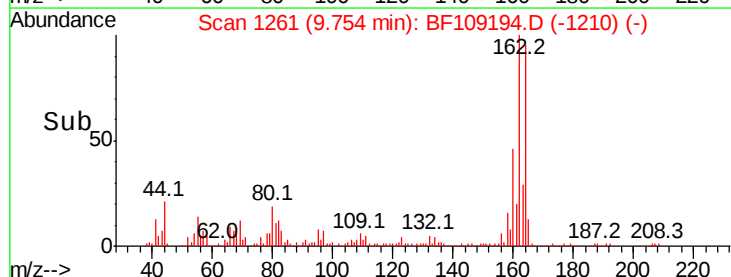
160 48.5 38.3 57.5

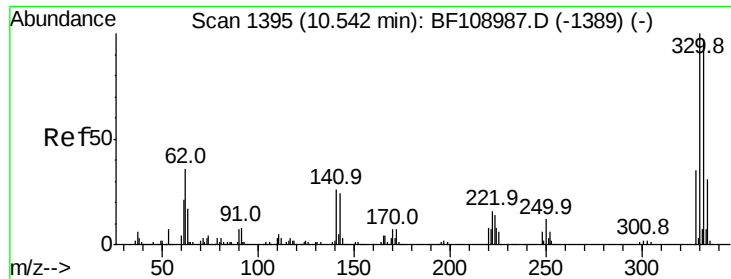


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

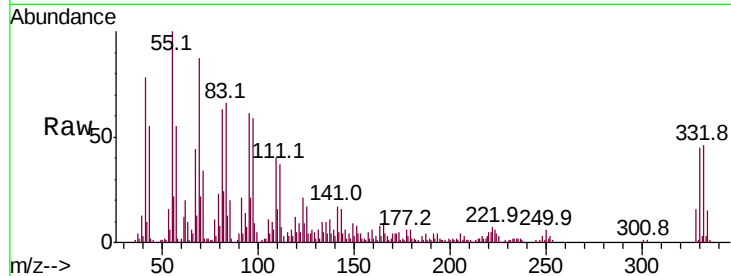




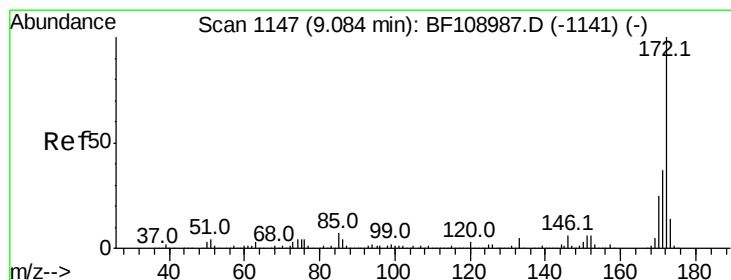
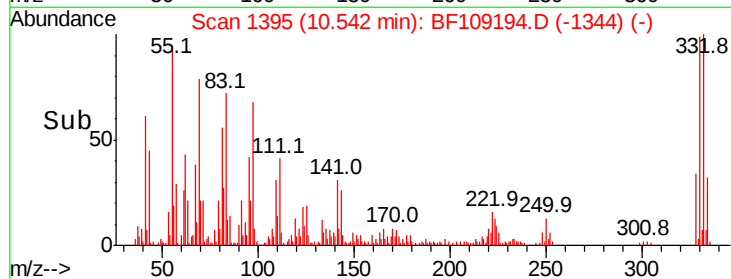
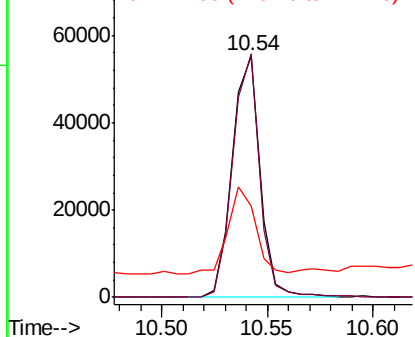
#41
 2,4,6-Tribromophenol
 Concen: 36.449 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.00 min
 Lab File: BF109194.D
 Acq: 20 Sep 2018 20:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	35.9	29.9	44.9

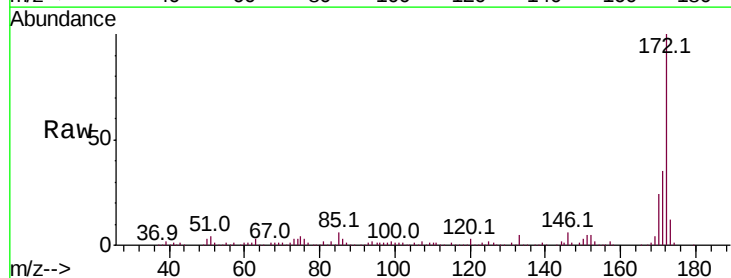


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

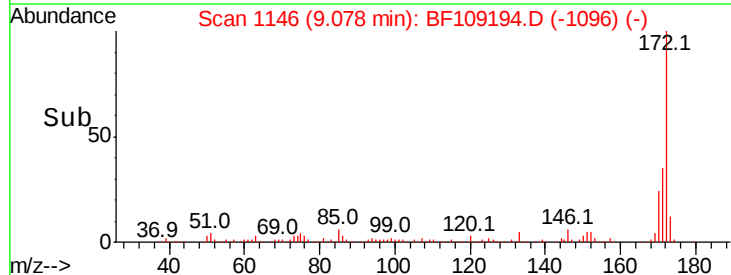
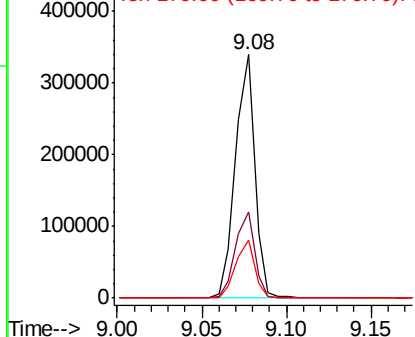


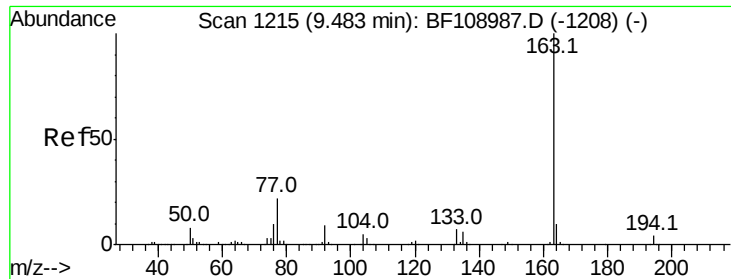
#44
 2-Fluorobiphenyl
 Concen: 33.569 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109194.D
 Acq: 20 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	24.1	19.6	29.4



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

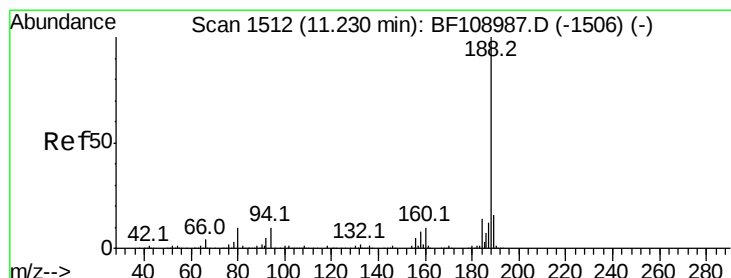
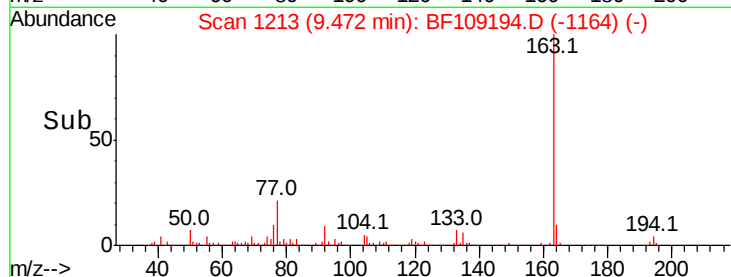
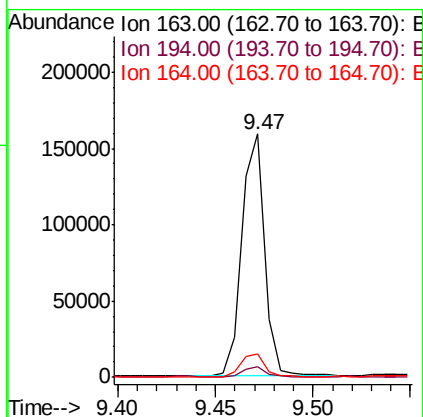
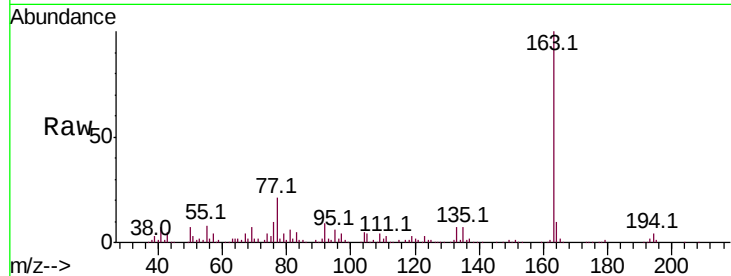




#49
Dimethylphthalate
Concen: 14.181 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

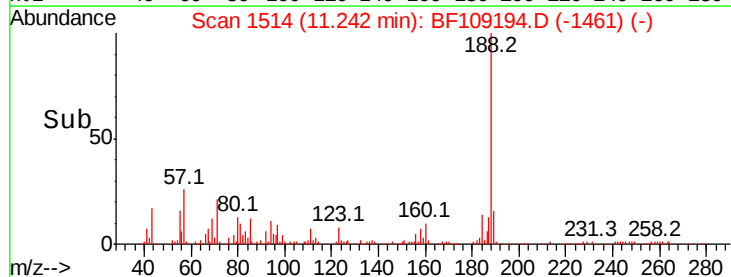
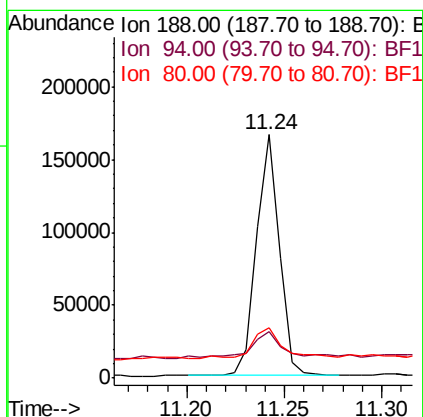
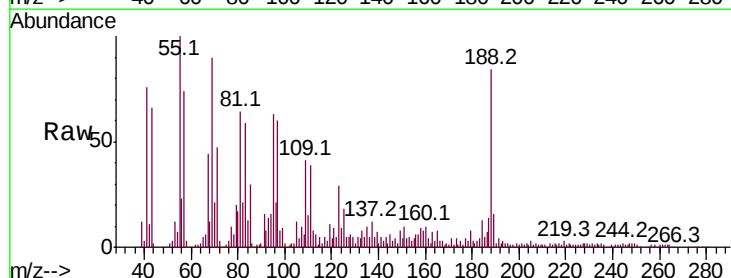
Instrument :
BNA_F
ClientSampleId :

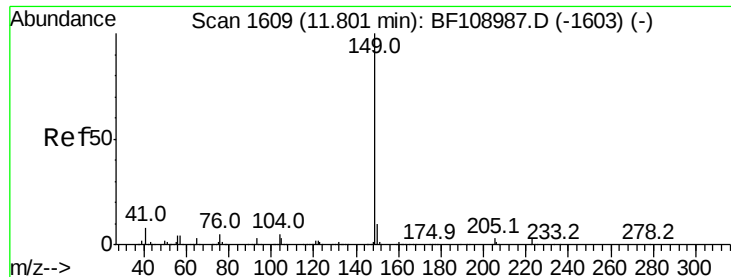
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	9.9	8.2	12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF109194.D
Acq: 20 Sep 2018 20:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	19.4	8.5	12.7#
80	20.5	9.2	13.8#





#73

Di-n-butylphthalate

Concen: 2.241 ng

RT: 11.83 min Scan# 1614

Delta R.T. 0.03 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_F

ClientSampleId :

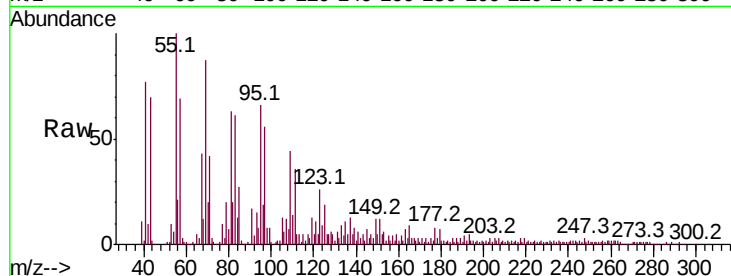
Tot Ion:149 Resp: 17419

Ion Ratio Lower Upper

149 100

150 44.4 7.8 11.6#

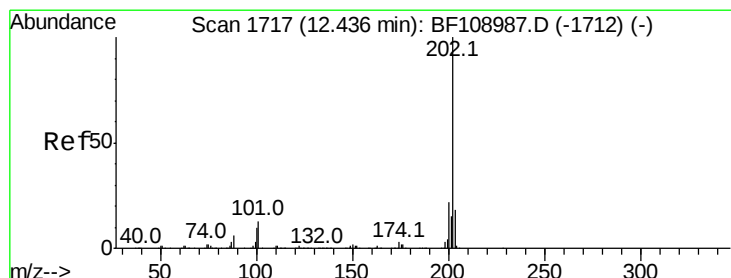
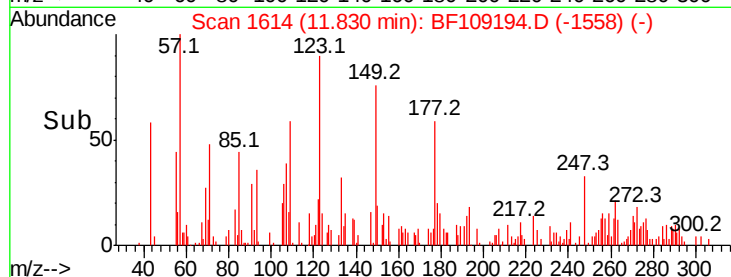
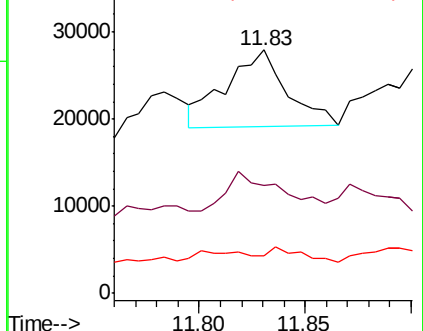
104 15.5 3.8 5.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.074 ng

RT: 12.47 min Scan# 1722

Delta R.T. 0.03 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

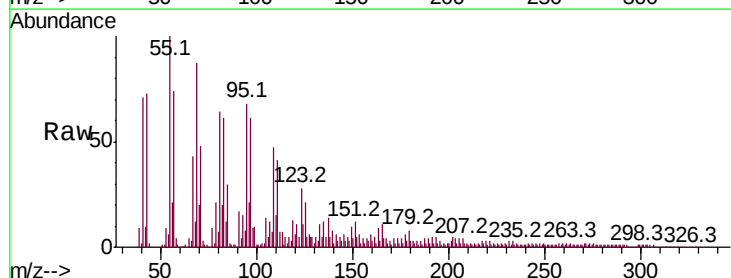
Tgt Ion:202 Resp: 14493

Ion Ratio Lower Upper

202 100

101 19.1 0.0 34.1

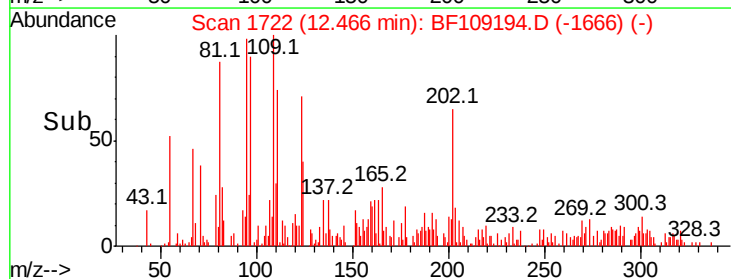
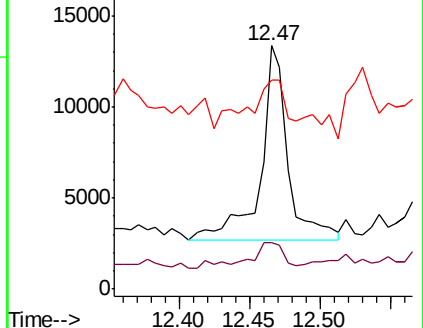
203 86.1 0.0 38.1#

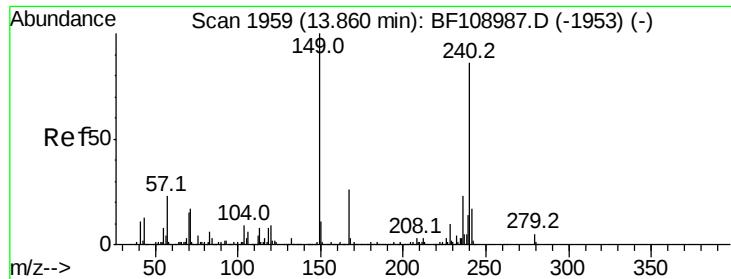


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 1964

Delta R.T. 0.03 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

Instrument :

BNA_F

ClientSampleId :

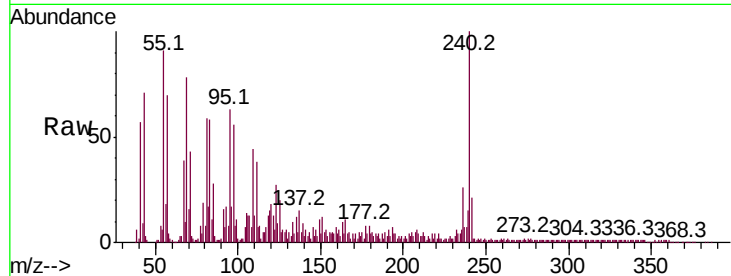
Tot Ion:240 Resp: 156743

Ion Ratio Lower Upper

240 100

120 17.9 9.5 14.3#

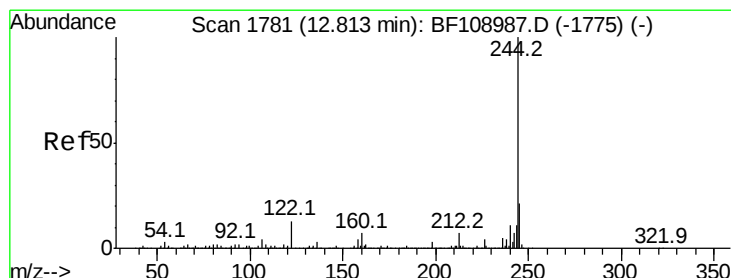
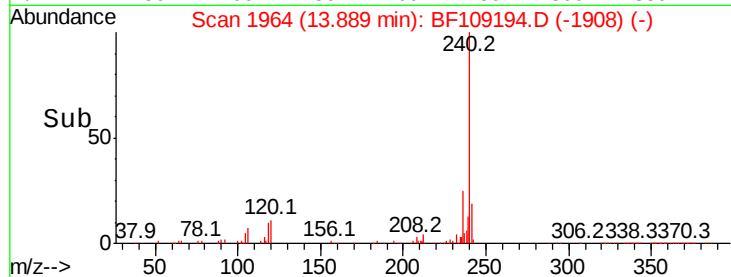
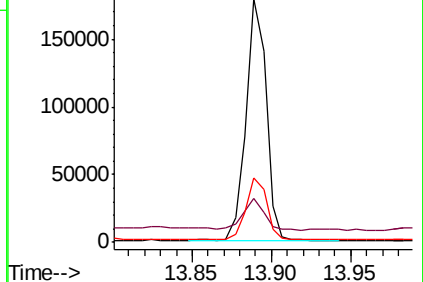
236 26.3 20.7 31.1



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

Terphenyl-d14

Concen: 20.371 ng

RT: 12.84 min Scan# 1786

Delta R.T. 0.03 min

Lab File: BF109194.D

Acq: 20 Sep 2018 20:53

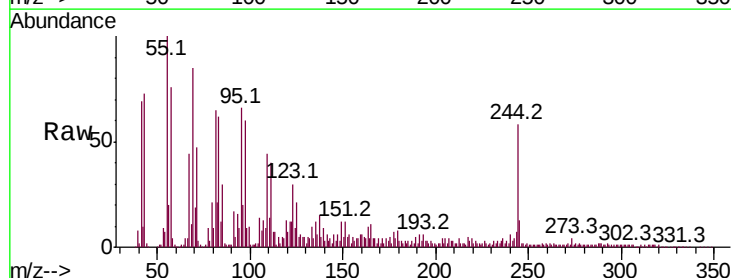
Tgt Ion:244 Resp: 134714

Ion Ratio Lower Upper

244 100

212 7.7 5.4 8.0

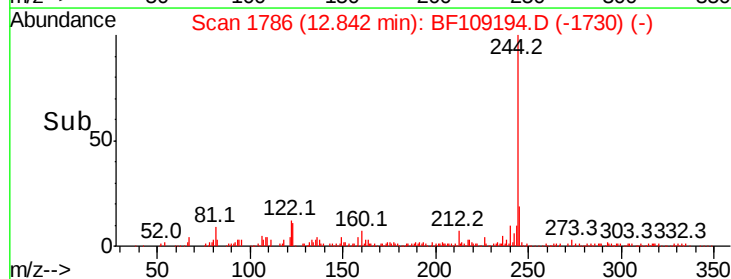
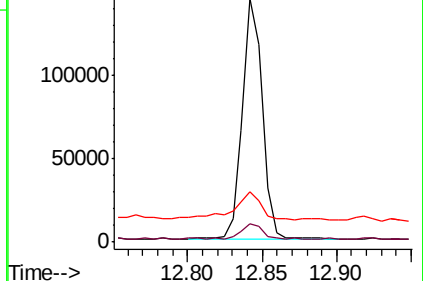
122 20.7 11.0 16.4#

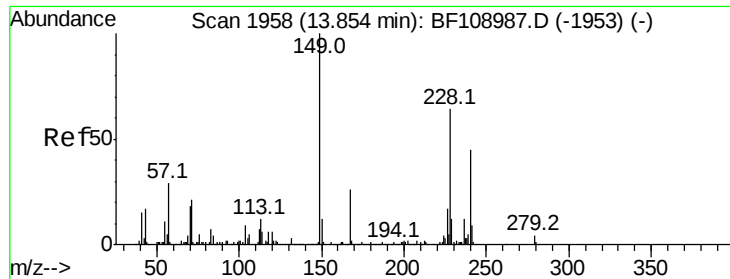


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

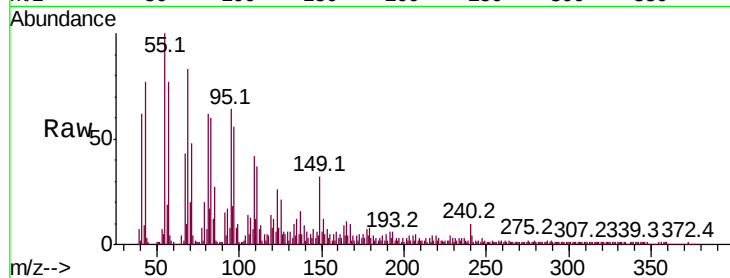




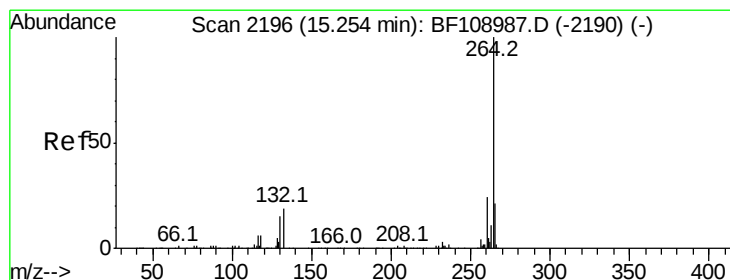
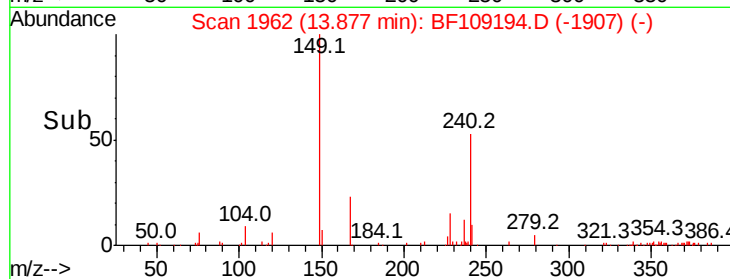
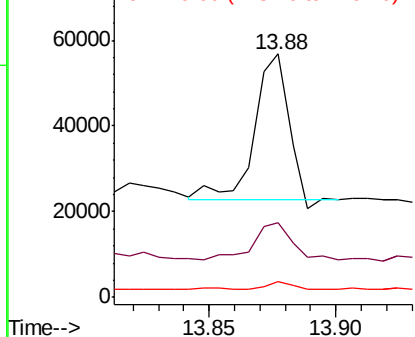
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.001 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. 0.02 min
 Lab File: BF109194.D
 Acq: 20 Sep 2018 20:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 31490
 Ion Ratio Lower Upper
 149 100
 167 30.9 21.3 31.9
 279 6.5 3.0 4.4#

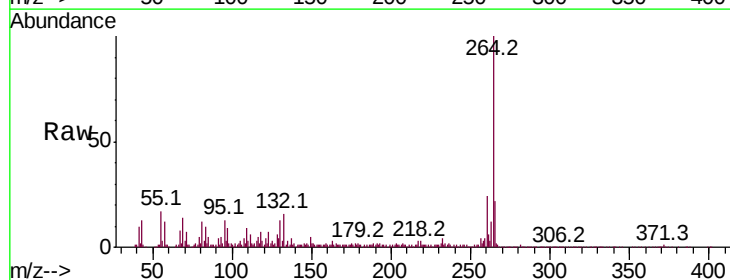


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2201
 Delta R.T. 0.03 min
 Lab File: BF109194.D
 Acq: 20 Sep 2018 20:53

Tgt Ion:264 Resp: 238156
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 21.8 17.5 26.3



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

