

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108748.D
 Acq On : 4 Sep 2018 18:33
 Operator : JU/SJ
 Sample : J4761-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 03:11:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

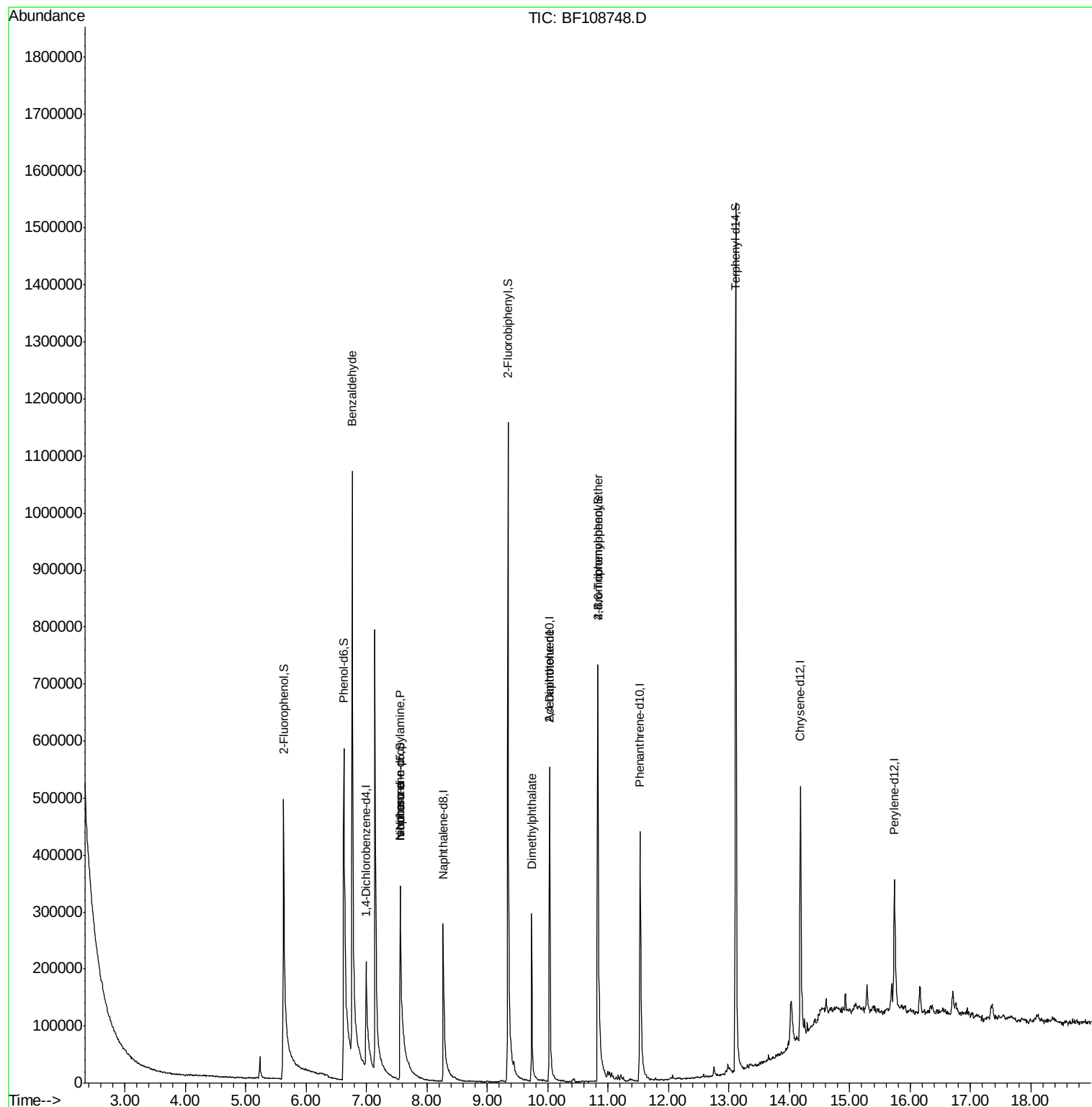
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	70425	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	268622	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	135249	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	289570	20.00	ng	-0.02
75) Chrysene-d12	14.19	240	223112	20.00	ng	-0.01
86) Perylene-d12	15.74	264	162163	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	359674	88.72	ng	-0.02
7) Phenol-d6	6.62	99	559387	96.34	ng	-0.02
23) Nitrobenzene-d5	7.56	82	351178	66.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	159948	89.58	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	566890	56.36	ng	-0.02
78) Terphenyl-d14	13.11	244	664777	57.89	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.77	77	11211	3.124	ng	# 74
19) n-Nitroso-di-n-propylamine	7.56	70	40536	10.425	ng	# 84
25) Isophorone	7.56	82	351178	39.947	ng	# 64
49) Dimethylphthalate	9.74	163	154150	14.474	ng	# 99
56) 2,4-Dinitrotoluene	10.03	165	17297	5.565	ng	# 21
66) 4-Bromophenyl-phenylether	10.83	248	10261	2.883	ng	# 1

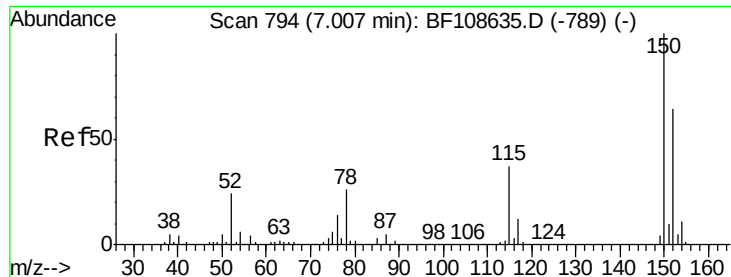
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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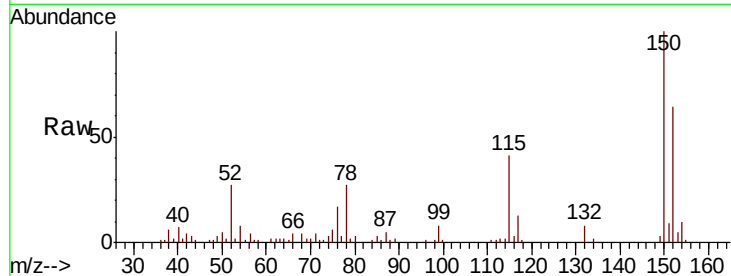


#1

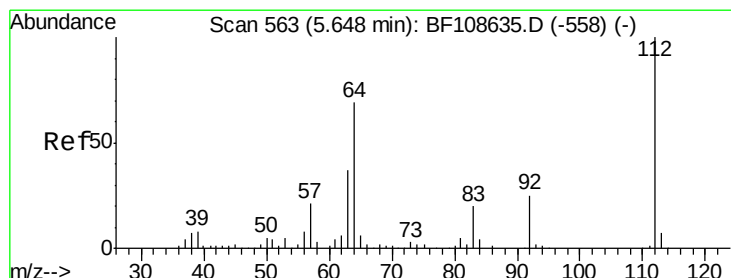
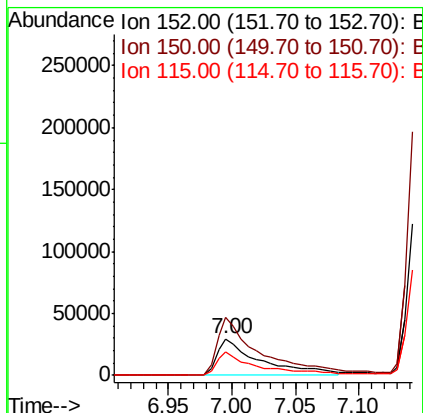
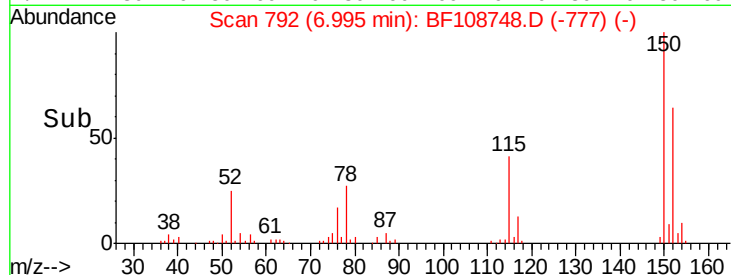
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108748.D
Acq: 4 Sep 2018 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70425
Ion Ratio Lower Upper
152 100
150 157.2 124.6 186.8
115 63.8 50.1 75.1



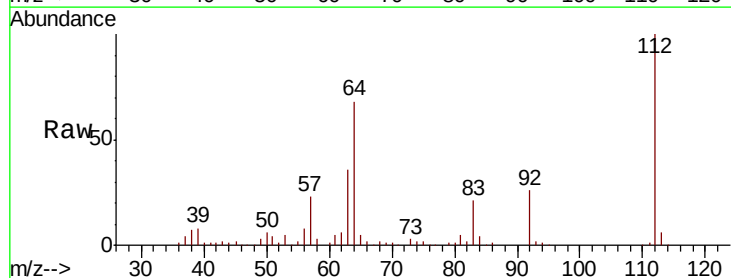
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



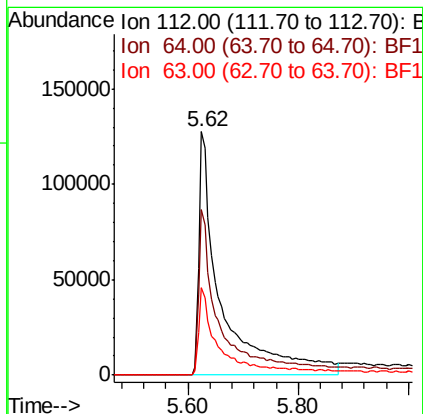
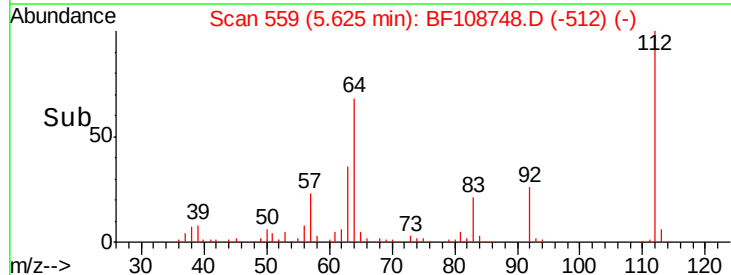
#5

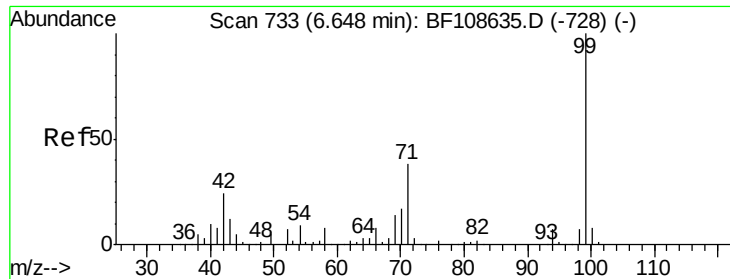
2-Fluorophenol
Concen: 88.722 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF108748.D
Acq: 4 Sep 2018 18:33

Tgt Ion:112 Resp: 359674
Ion Ratio Lower Upper
112 100
64 67.8 47.9 71.9
63 35.9 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: 96.342 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

Instrument :

BNA_F

ClientSampled :

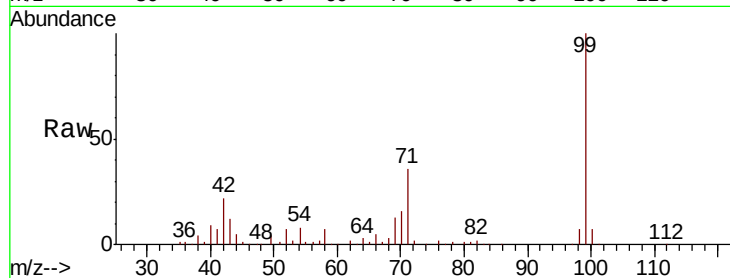
Tot Ion: 99 Resp: 559387

Ion Ratio Lower Upper

99 100

42 22.2 14.5 21.7#

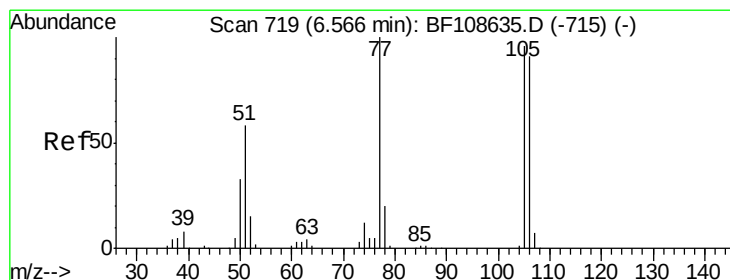
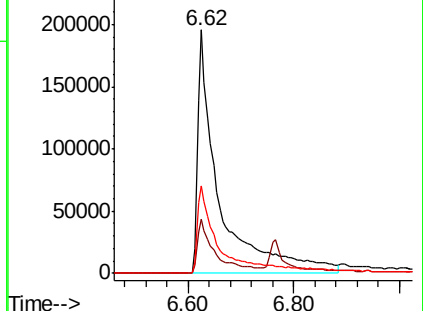
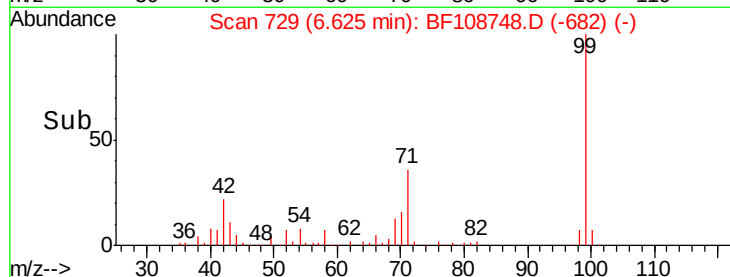
71 36.0 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.124 ng

RT: 6.77 min Scan# 753

Delta R.T. 0.20 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

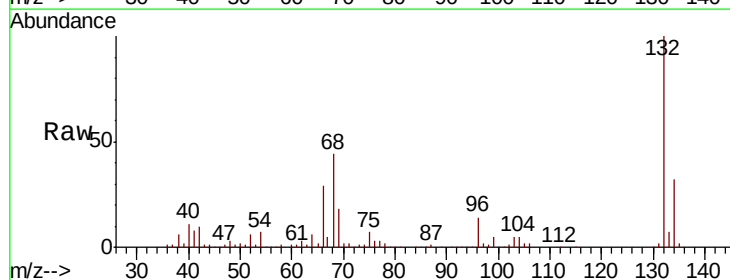
Tgt Ion: 77 Resp: 11211

Ion Ratio Lower Upper

77 100

105 77.6 81.1 121.1#

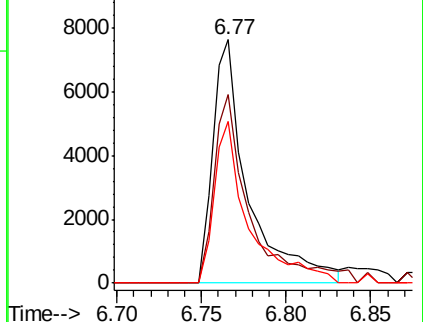
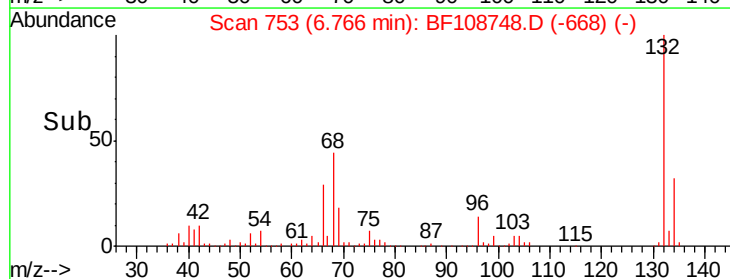
106 66.4 74.5 114.5#

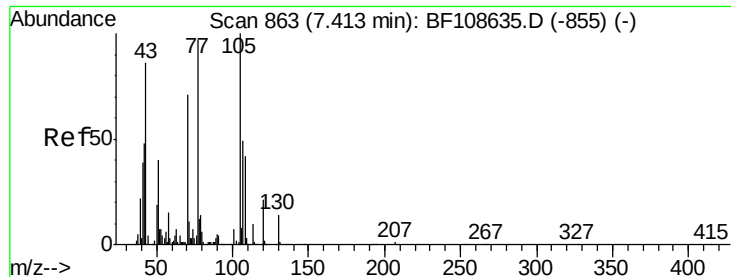


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

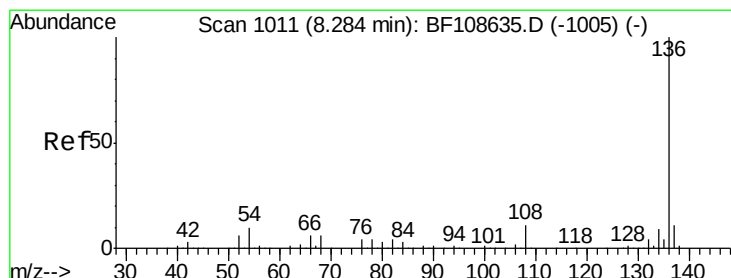
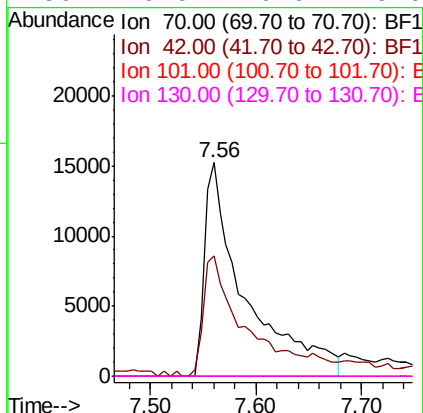
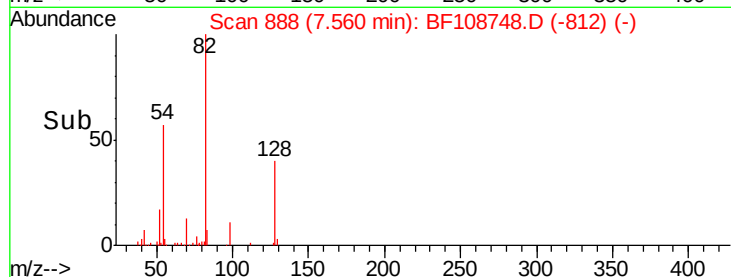
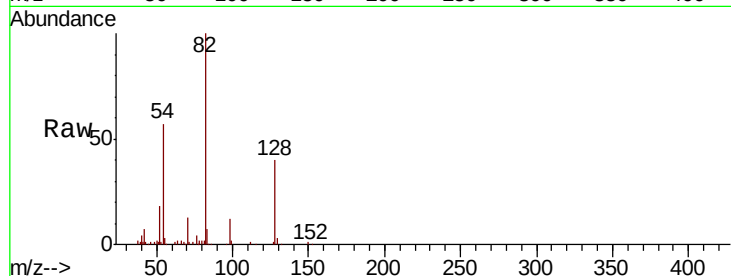




#19
n-Nitroso-di-n-propylamine
Concen: 10.425 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108748.D
Acq: 4 Sep 2018 18:33

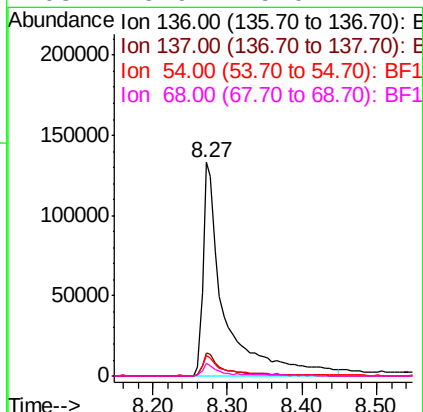
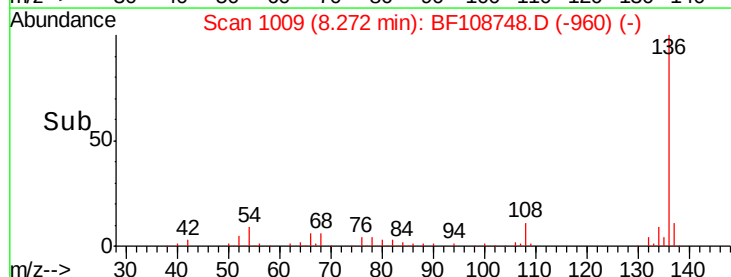
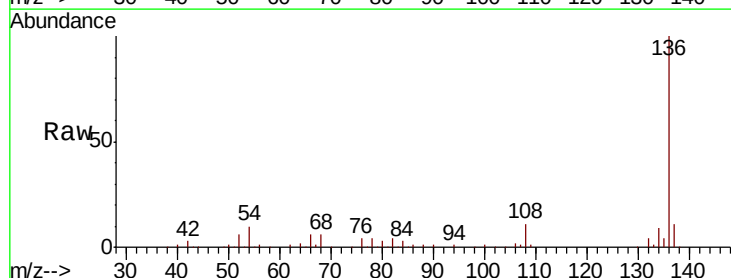
Instrument :
BNA_F
ClientSampleId :

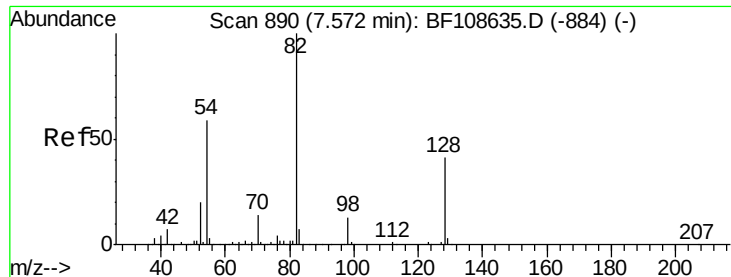
Tot Ion: 70 Resp: 40536
Ion Ratio Lower Upper
70 100
42 56.4 47.5 71.3
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108748.D
Acq: 4 Sep 2018 18:33

Tgt Ion: 136 Resp: 268622
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.7 6.6 9.8
68 5.9 5.0 7.4

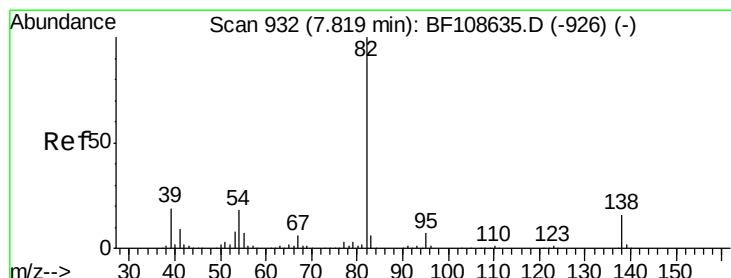
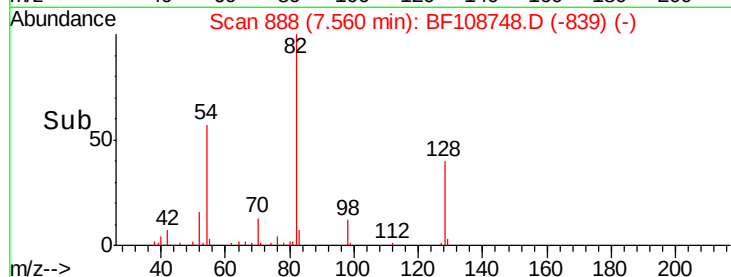
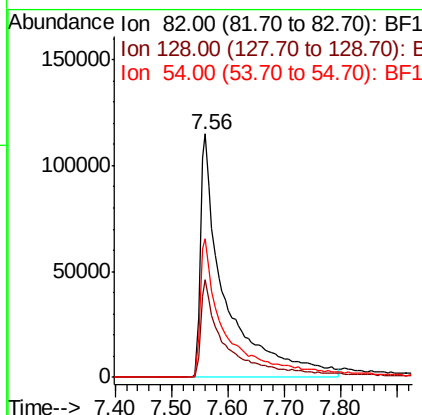
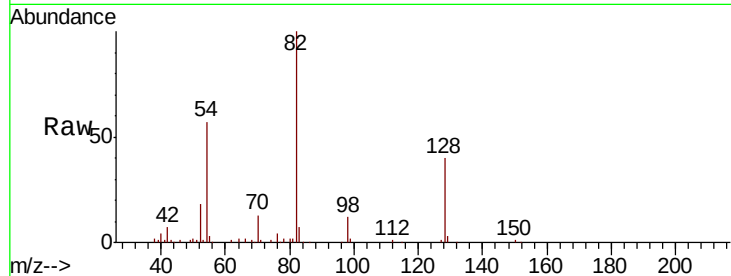




#23
 Nitrobenzene-d5
 Concen: 66.358 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108748.D
 Acq: 4 Sep 2018 18:33

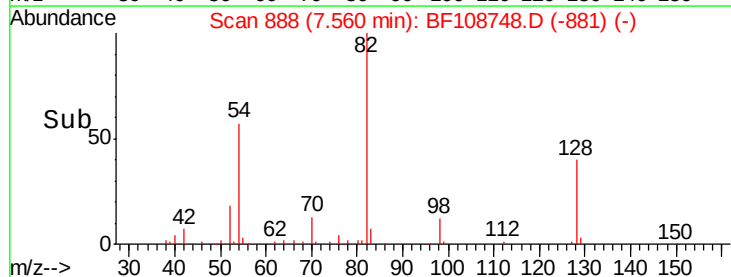
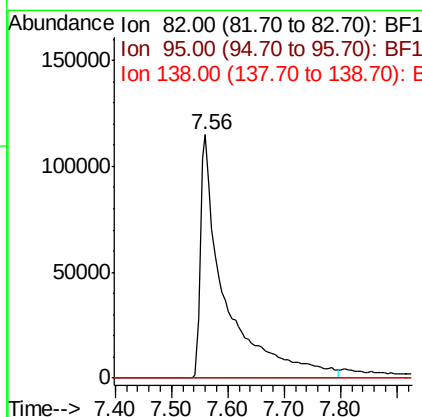
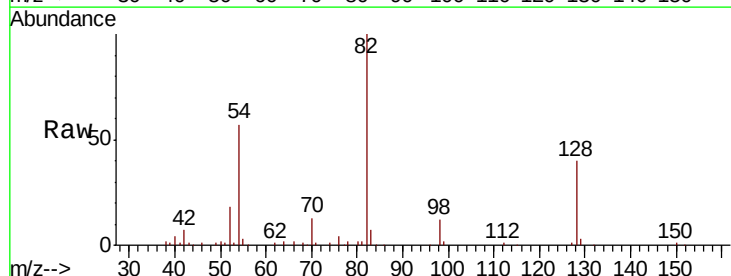
Instrument :
 BNA_F
 ClientSampleId :

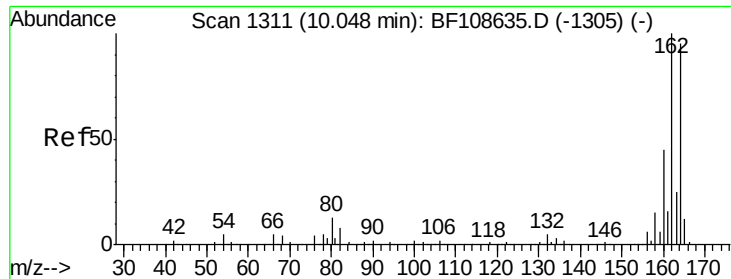
Tot Ion	82	Resp	351178
Ion Ratio	Lower	Upper	
82	100		
128	40.2	36.1	54.1
54	57.1	41.4	62.2



#25
 Isophorone
 Concen: 39.947 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.26 min
 Lab File: BF108748.D
 Acq: 4 Sep 2018 18:33

Tgt Ion	82	Resp	351178
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

Instrument :

BNA_F

ClientSampleId :

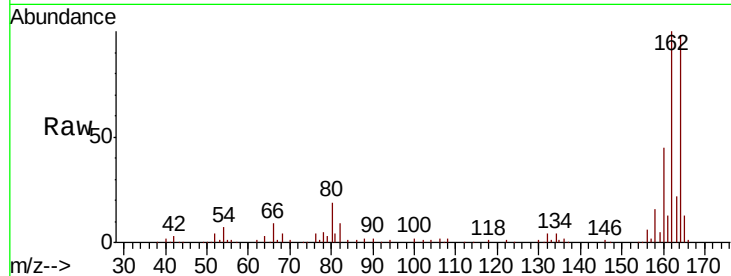
Tot Ion:164 Resp: 135249

Ion Ratio Lower Upper

164 100

162 101.6 86.1 129.1

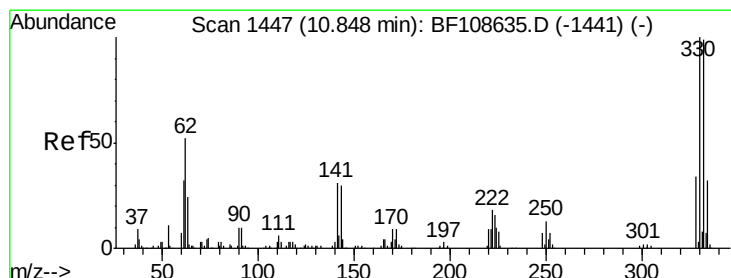
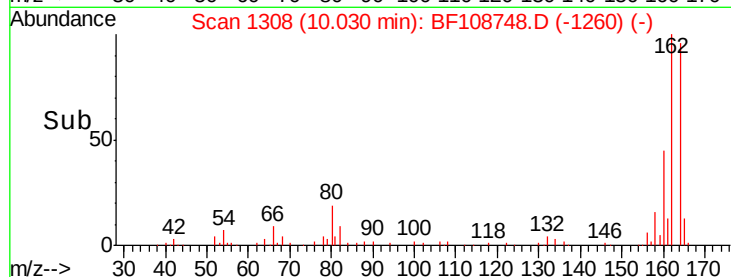
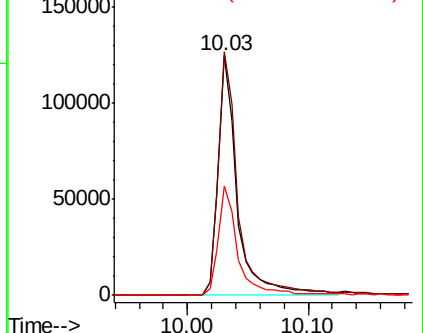
160 45.5 38.3 57.5



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: 89.584 ng

RT: 10.83 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

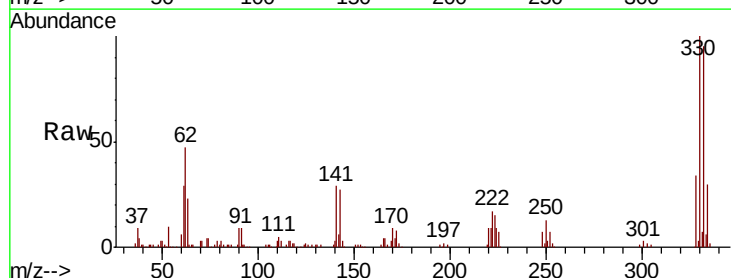
Tgt Ion:330 Resp: 159948

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

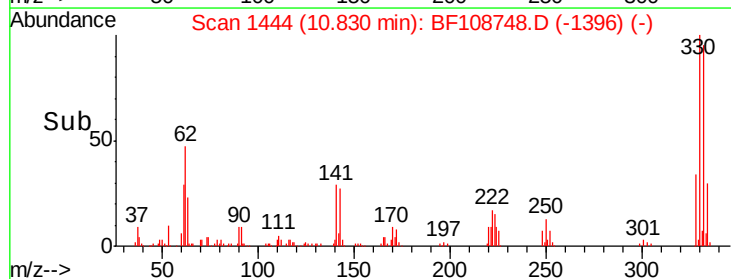
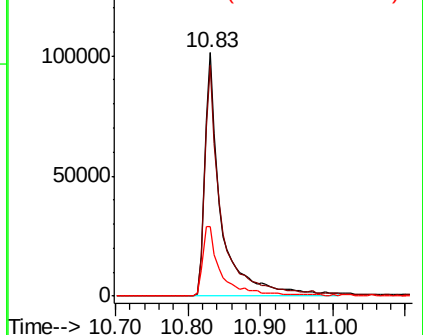
141 32.6 29.9 44.9

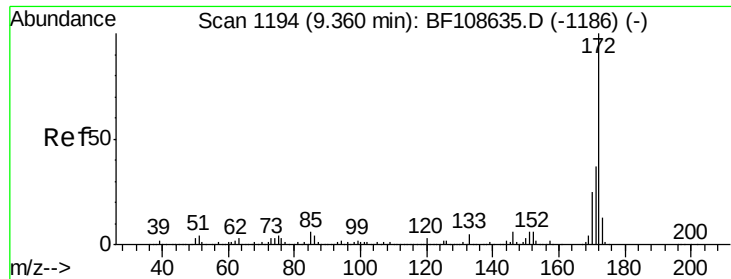


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

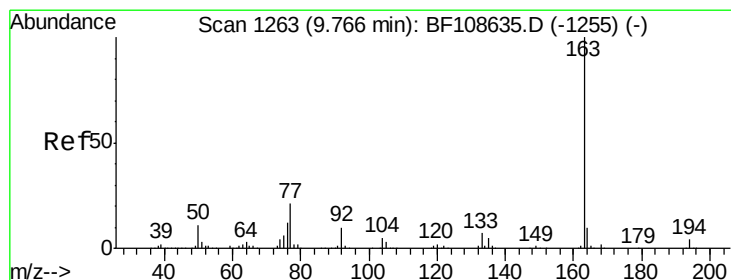
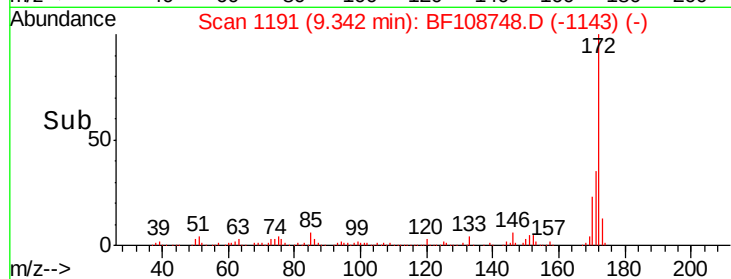
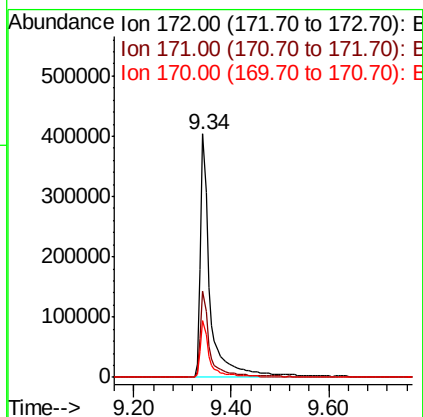
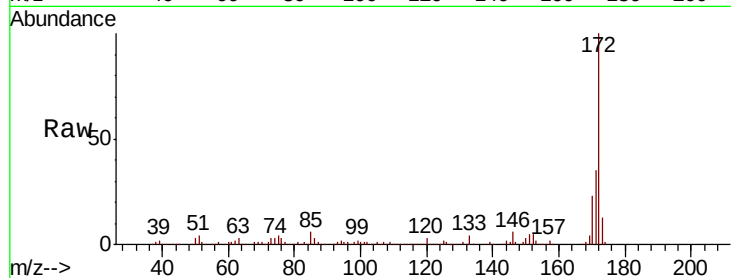




#44
2-Fluorobiphenyl
Concen: 56.357 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108748.D
Acq: 4 Sep 2018 18:33

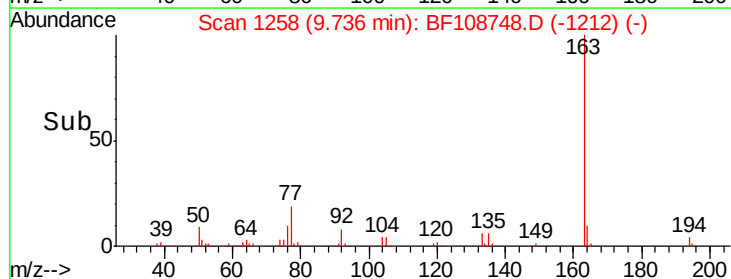
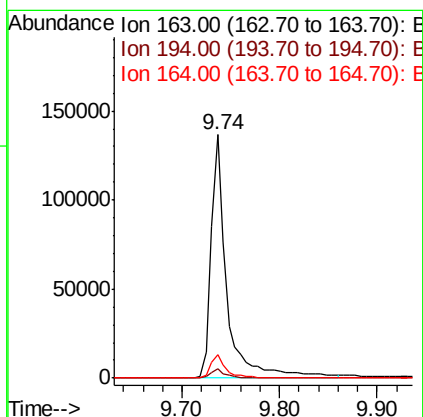
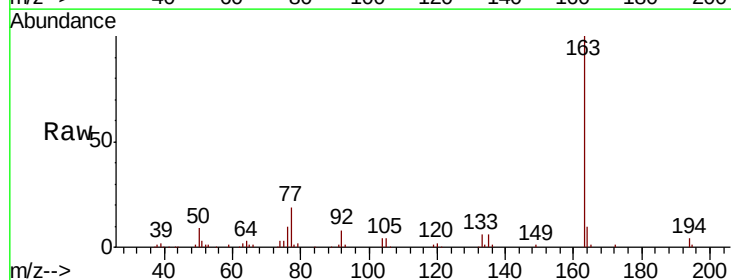
Instrument :
BNA_F
ClientSampled :

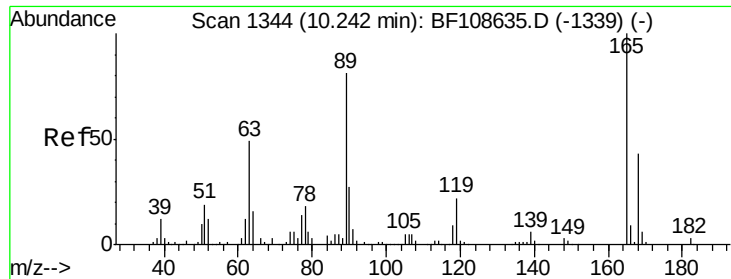
Tot Ion:172 Resp: 566890
Ion Ratio Lower Upper
172 100
171 35.3 29.7 44.5
170 23.2 19.6 29.4



#49
Dimethylphthalate
Concen: 14.474 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108748.D
Acq: 4 Sep 2018 18:33

Tgt Ion:163 Resp: 154150
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.7 8.2 12.2

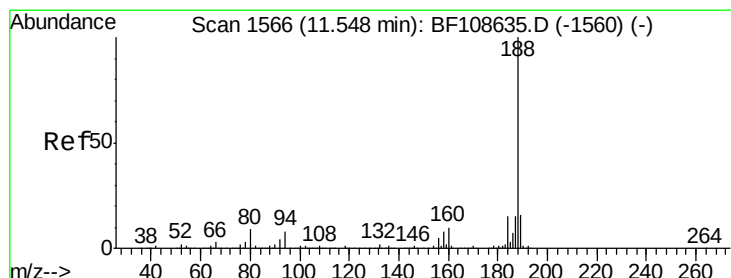
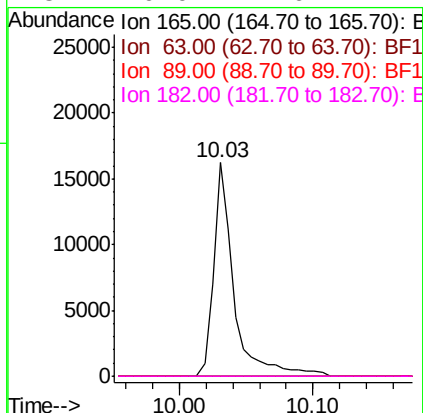
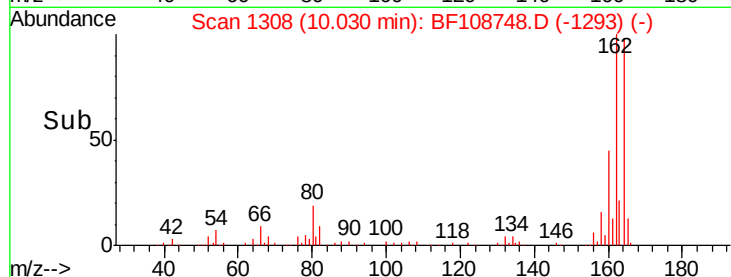
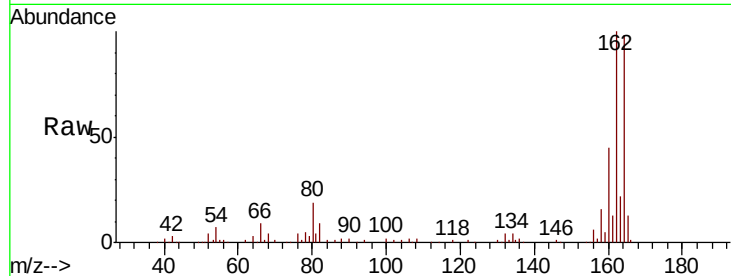




#56
 2,4-Dinitrotoluene
 Concen: 5.565 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.21 min
 Lab File: BF108748.D
 Acq: 4 Sep 2018 18:33

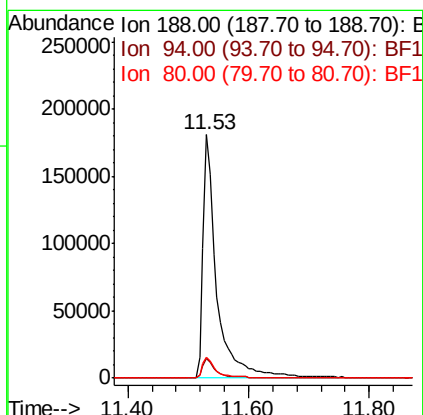
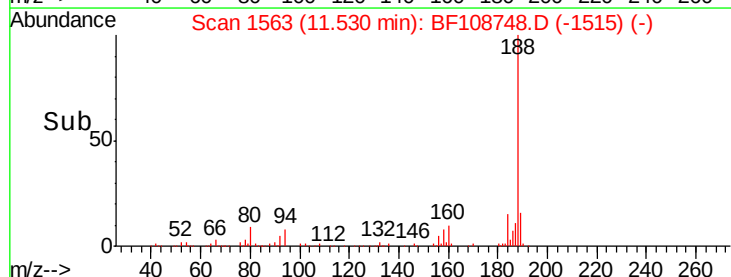
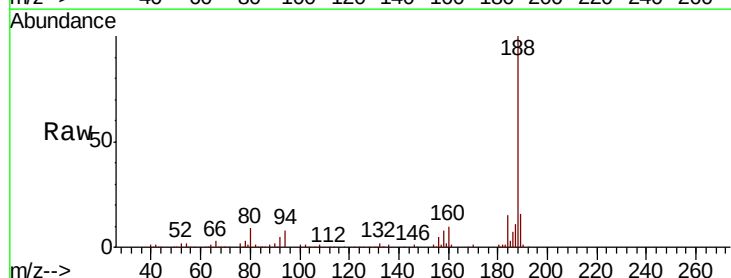
Instrument :
 BNA_F
 ClientSampled :

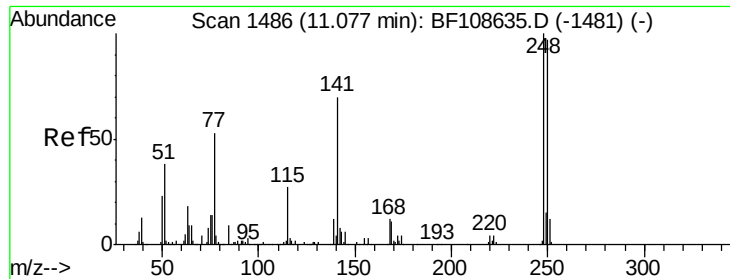
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.53 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: BF108748.D
 Acq: 4 Sep 2018 18:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	8.5	12.7#
80	8.6	9.2	13.8#

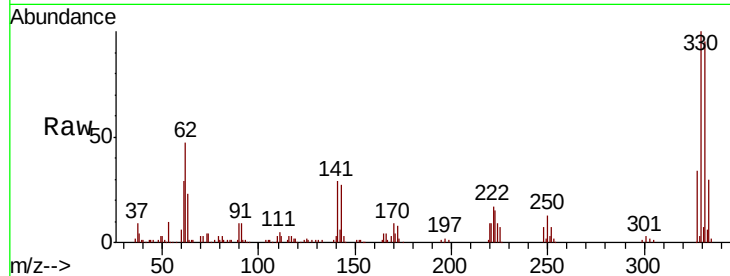




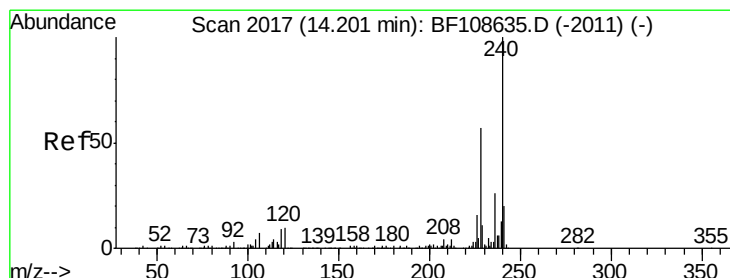
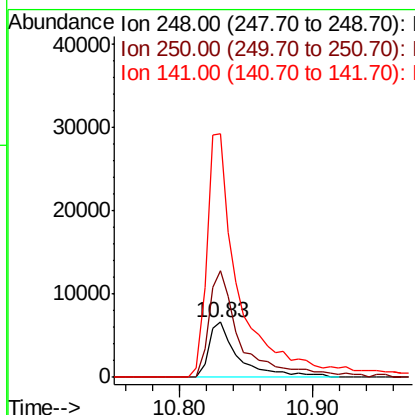
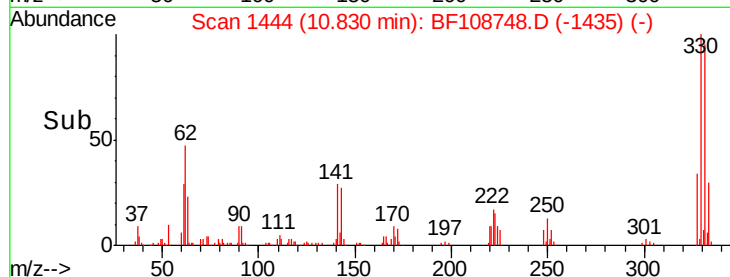
#66
 4-Bromophenyl-phenylether
 Concen: 2.883 ng
 RT: 10.83 min Scan# 1444
 Delta R.T. -0.25 min
 Lab File: BF108748.D
 Acq: 4 Sep 2018 18:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 10261
 Ion Ratio Lower Upper
 248 100
 250 193.0 76.9 115.3#
 141 442.8 74.4 111.6#

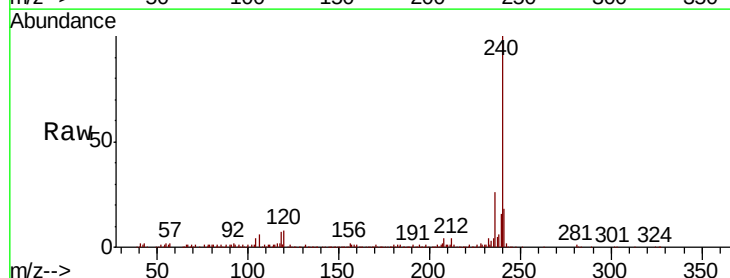


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

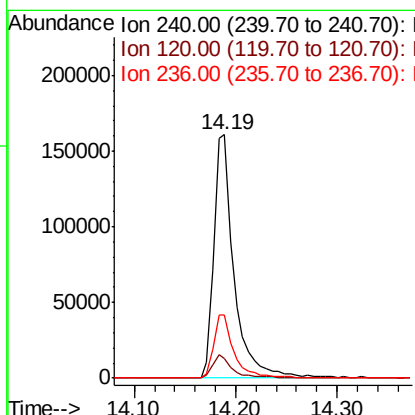
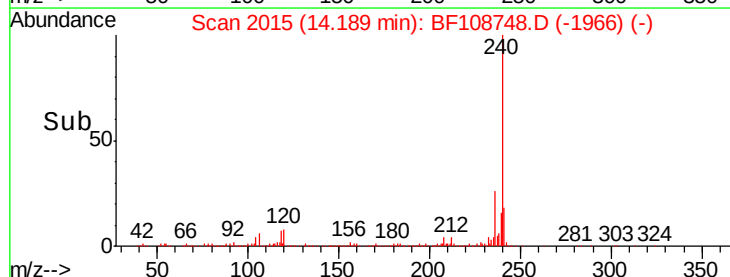


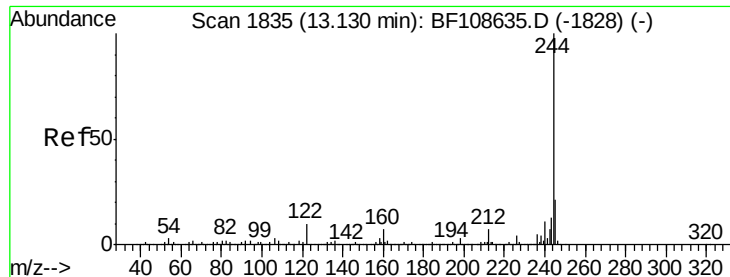
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF108748.D
 Acq: 4 Sep 2018 18:33

Tgt Ion:240 Resp: 223112
 Ion Ratio Lower Upper
 240 100
 120 8.1 9.5 14.3#
 236 25.8 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: 57.892 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

Instrument :

BNA_F

ClientSampleId :

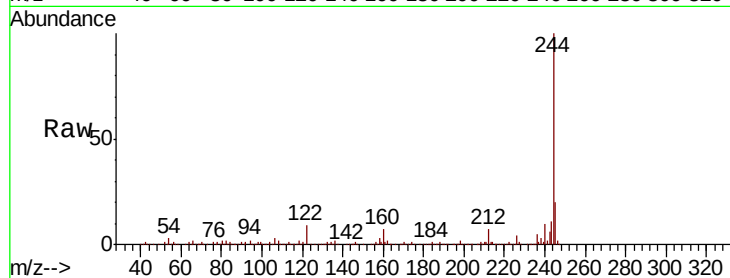
Tot Ion:244 Resp: 664777

Ion Ratio Lower Upper

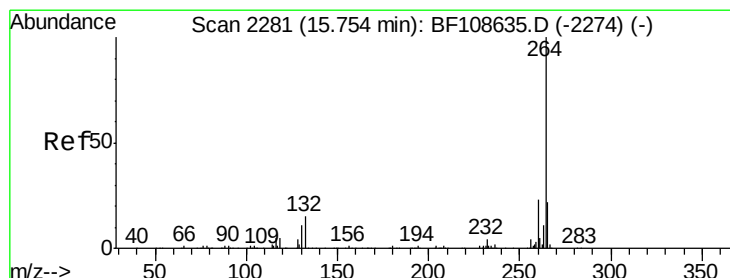
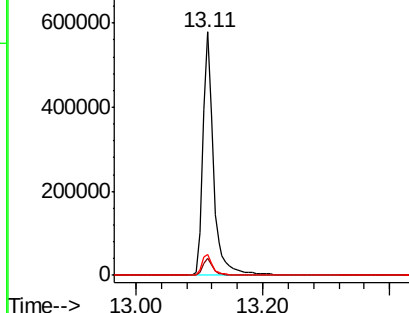
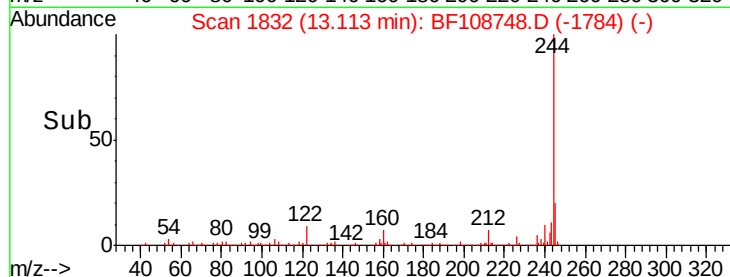
244 100

212 7.0 5.4 8.0

122 8.7 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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.74 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF108748.D

Acq: 4 Sep 2018 18:33

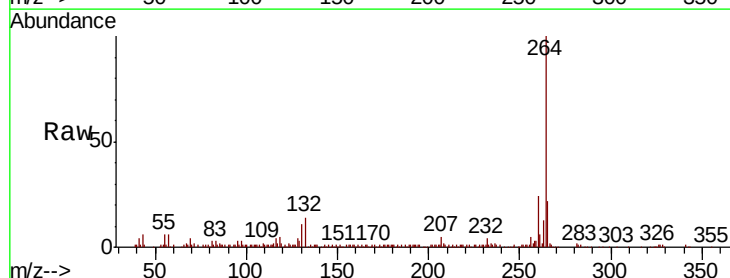
Tgt Ion:264 Resp: 162163

Ion Ratio Lower Upper

264 100

260 23.8 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

