

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108754.D
 Acq On : 4 Sep 2018 21:16
 Operator : JU/SJ
 Sample : J4748-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 03:13:37 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

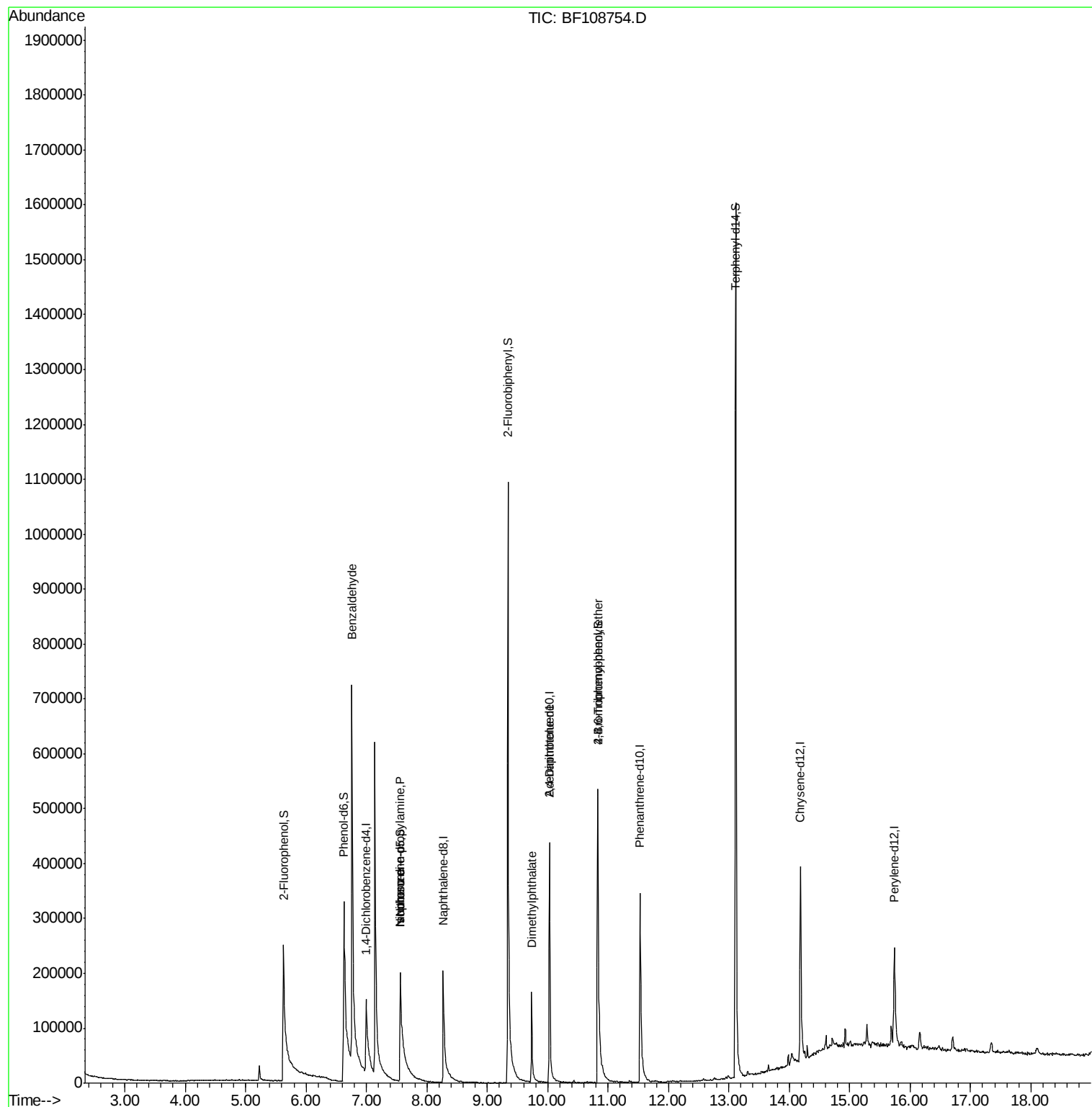
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	58510	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	227081	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	116287	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	247407	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	193824	20.00	ng	-0.02
86) Perylene-d12	15.74	264	133771	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	218927	65.00	ng	-0.02
7) Phenol-d6	6.62	99	388462	80.53	ng	-0.02
23) Nitrobenzene-d5	7.56	82	249247	55.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.83	330	130915	85.28	ng	-0.02
44) 2-Fluorobiphenyl	9.34	172	545291	63.05	ng	-0.02
78) Terphenyl-d14	13.11	244	717350	71.91	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.76	77	7788	2.612	ng	# 70
19) n-Nitroso-di-n-propylamine	7.56	70	29241	9.052	ng	# 79
25) Isophorone	7.56	82	249247	33.538	ng	# 64
49) Dimethylphthalate	9.74	163	102699	11.215	ng	# 99
56) 2,4-Dinitrotoluene	10.03	165	13815	5.169	ng	# 21
66) 4-Bromophenyl-phenylether	10.83	248	7883	2.592	ng	# 1

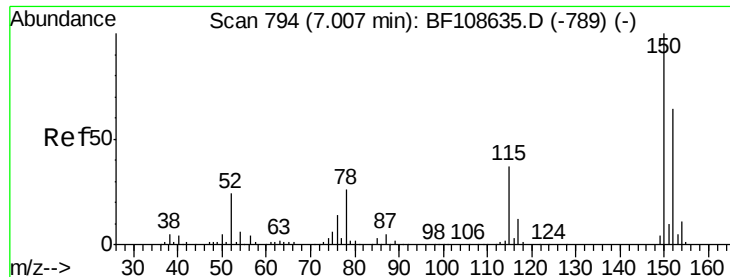
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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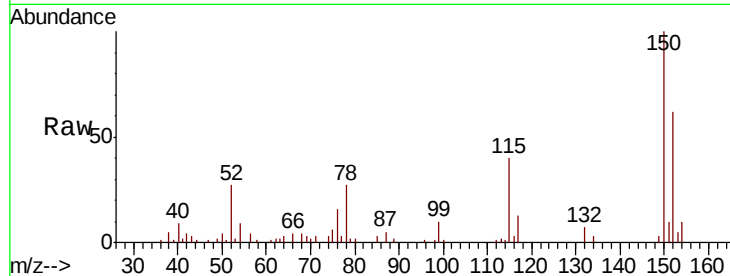


#1

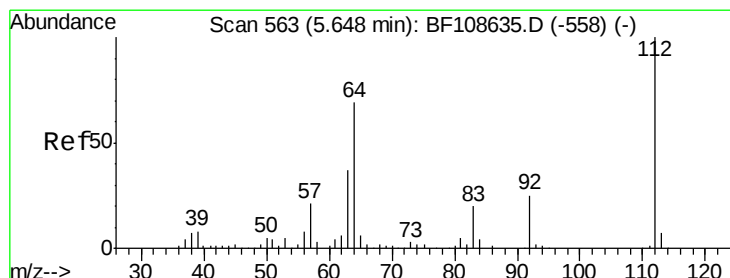
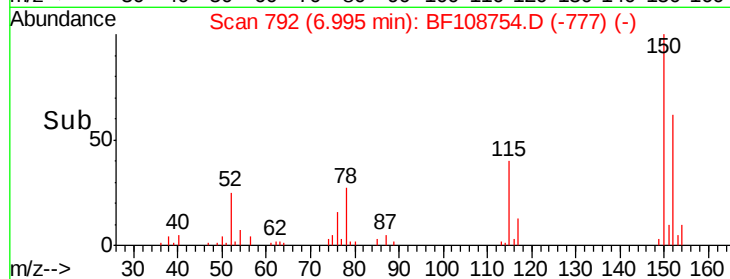
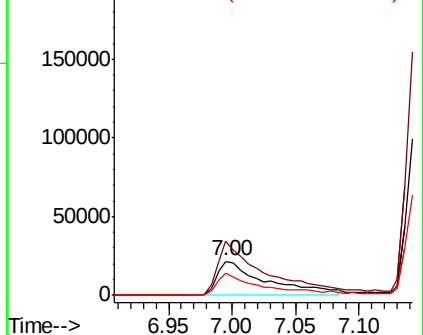
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 58510
Ion Ratio Lower Upper
152 100
150 161.1 124.6 186.8
115 64.0 50.1 75.1



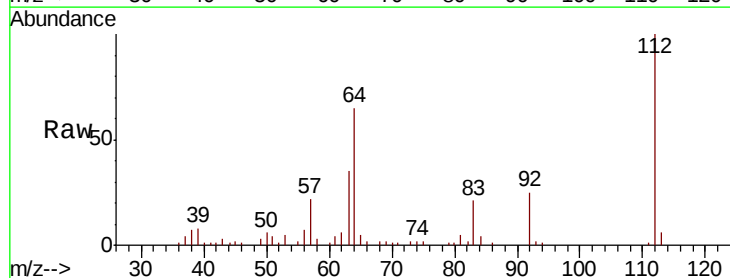
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



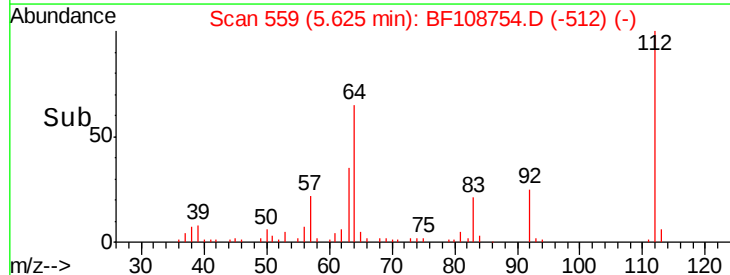
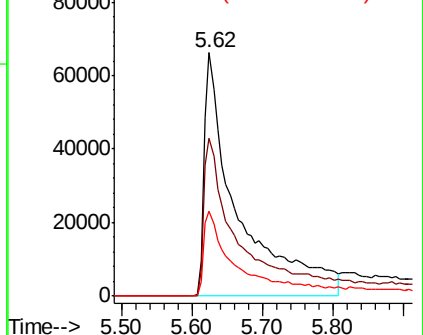
#5

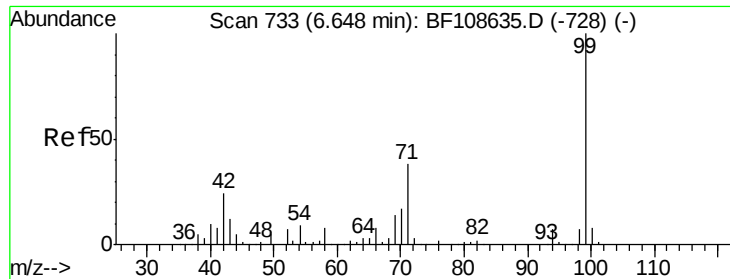
2-Fluorophenol
Concen: 65.001 ng
RT: 5.62 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

Tgt Ion:112 Resp: 218927
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 34.6 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: 80.528 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

Instrument :

BNA_F

ClientSampled :

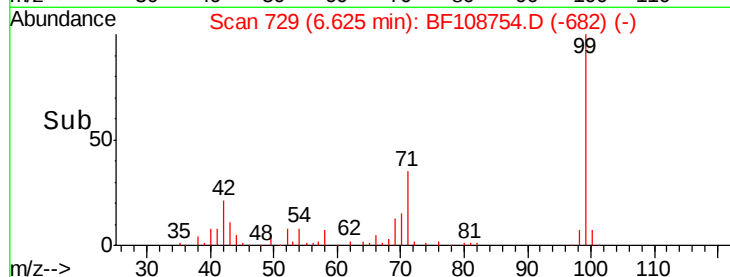
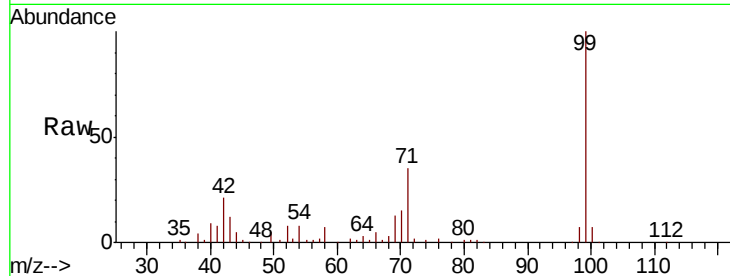
Tot Ion: 99 Resp: 388462

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

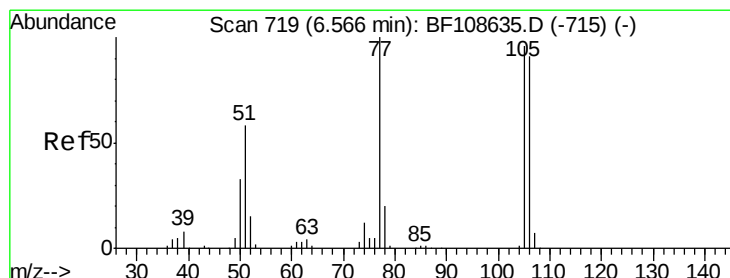
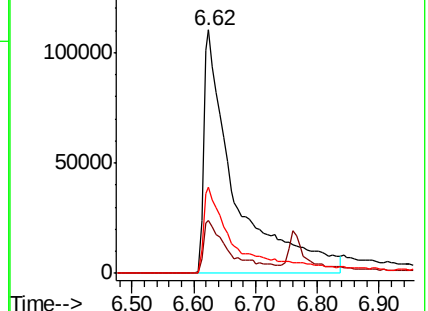
71 35.4 25.4 38.0



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: 2.612 ng

RT: 6.76 min Scan# 752

Delta R.T. 0.19 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

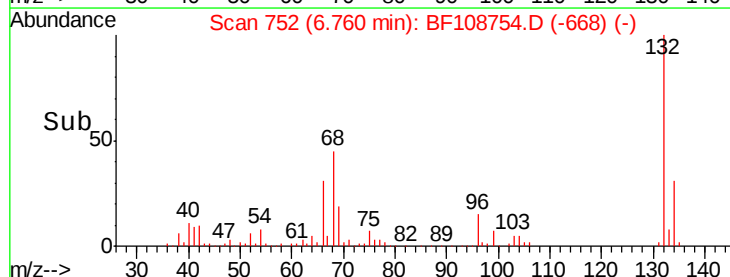
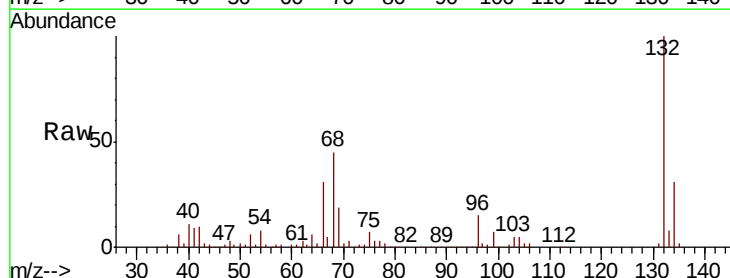
Tgt Ion: 77 Resp: 7788

Ion Ratio Lower Upper

77 100

105 73.0 81.1 121.1#

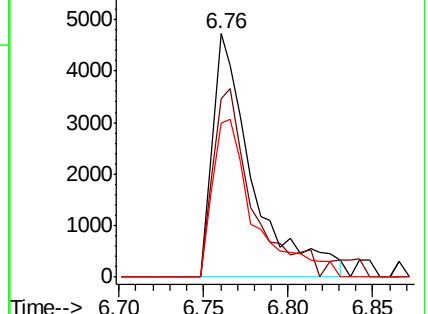
106 63.2 74.5 114.5#

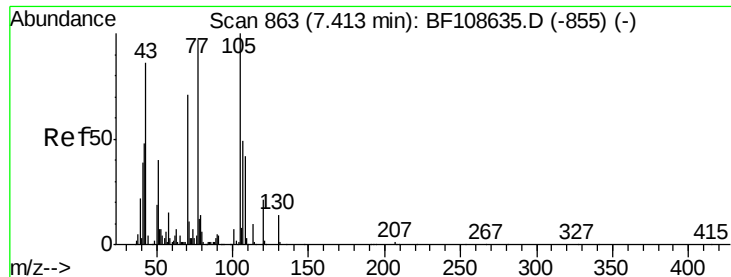


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

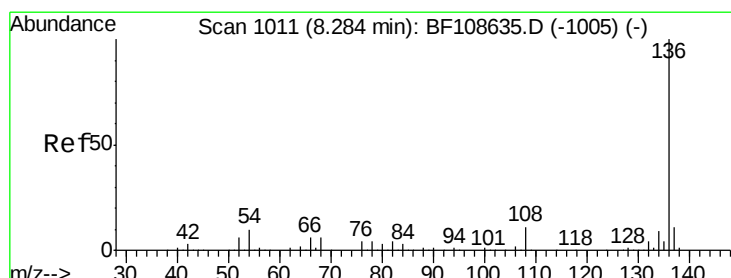
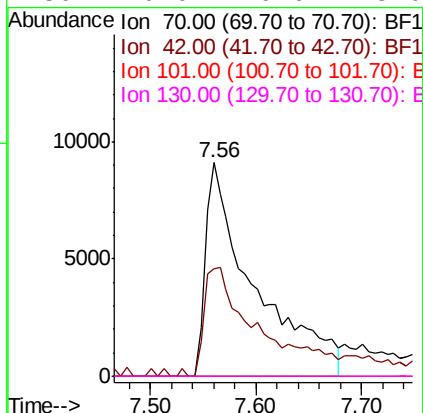
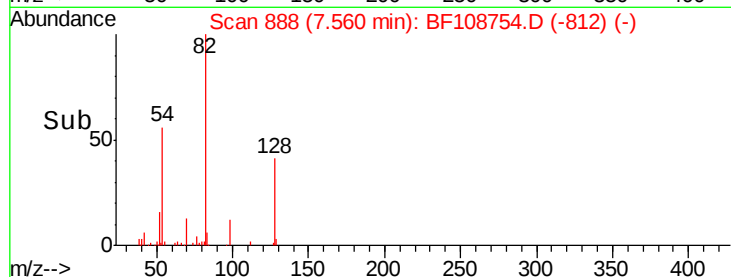
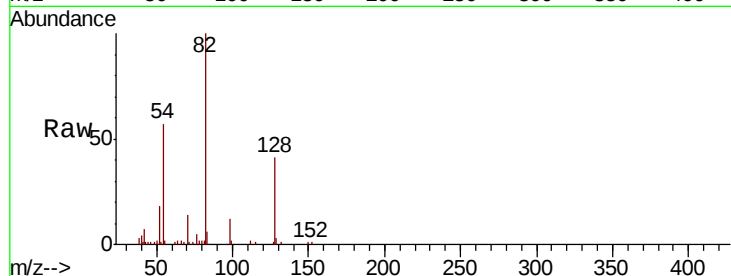




#19
n-Nitroso-di-n-propylamine
Concen: 9.052 ng
RT: 7.56 min Scan# 888
Delta R.T. 0.15 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

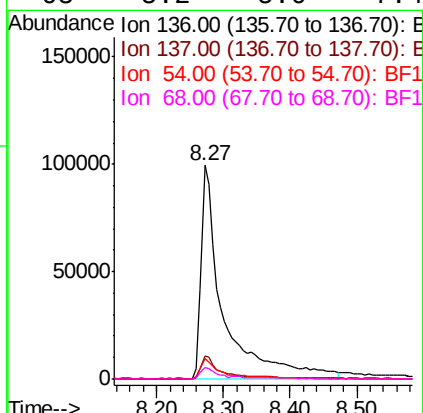
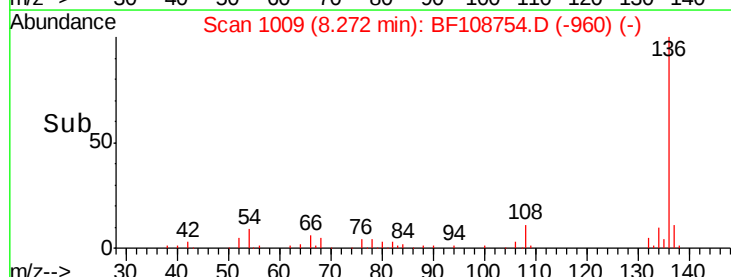
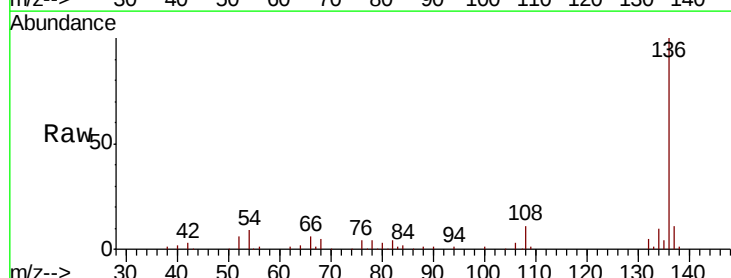
Instrument :
BNA_F
ClientSampleId :

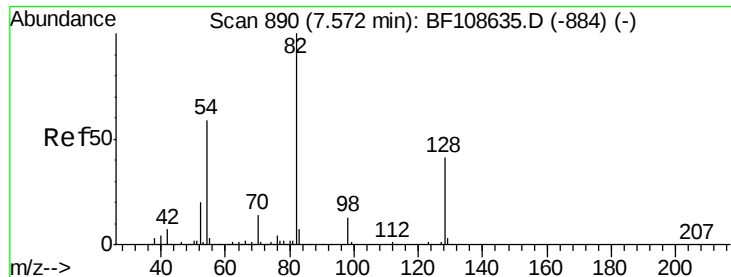
Tot Ion: 70 Resp: 29241
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

Tgt Ion: 136 Resp: 227081
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 9.5 6.6 9.8
68 5.2 5.0 7.4

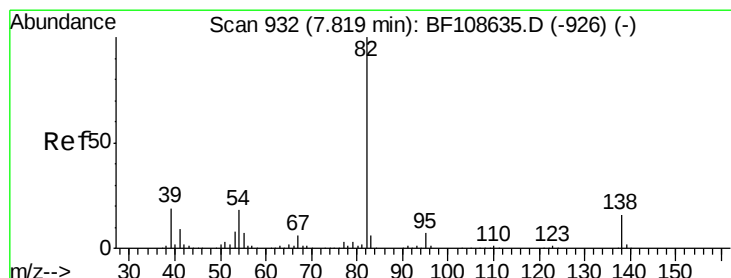
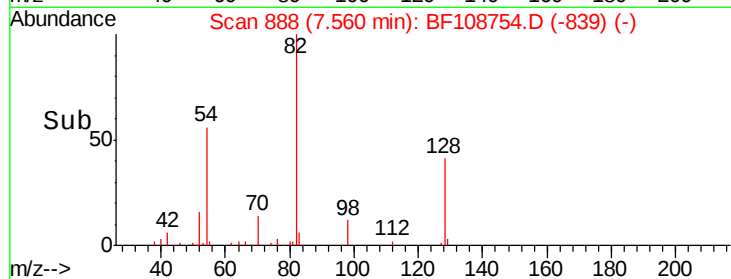
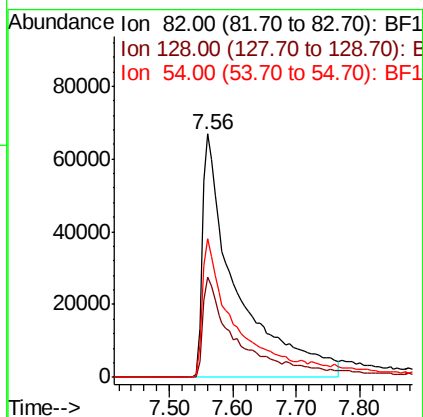
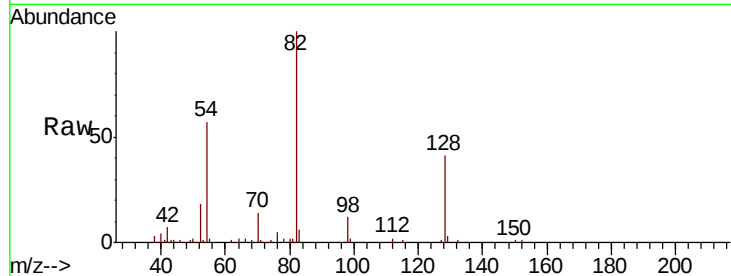




#23
 Nitrobenzene-d5
 Concen: 55.713 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF108754.D
 Acq: 4 Sep 2018 21:16

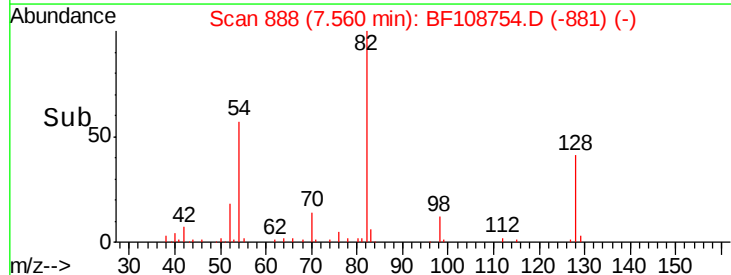
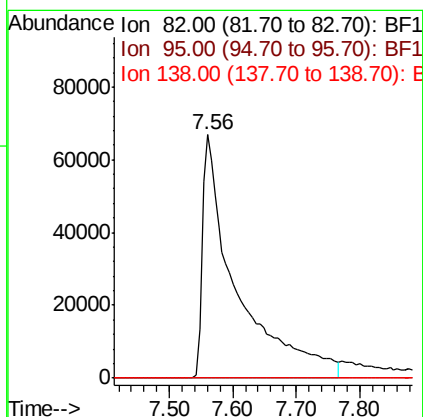
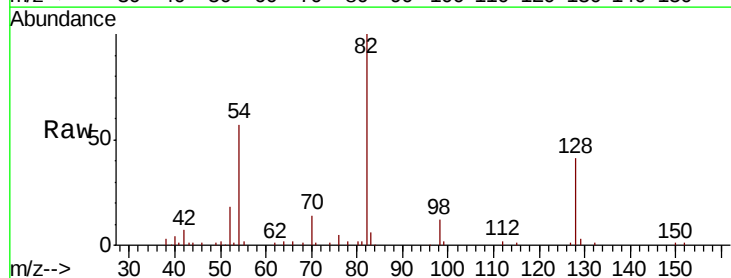
Instrument :
 BNA_F
 ClientSampled :

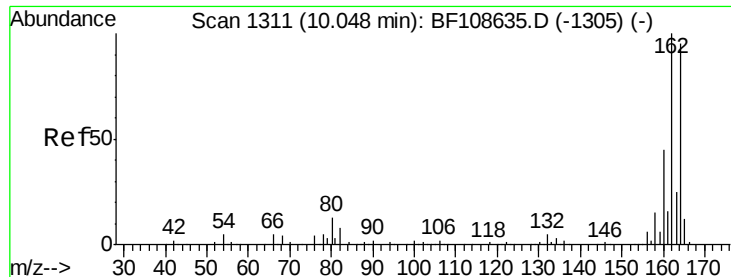
Tot Ion	82	Resp	249247
Ion Ratio	Lower	Upper	
82	100		
128	41.1	36.1	54.1
54	56.7	41.4	62.2



#25
 Isophorone
 Concen: 33.538 ng
 RT: 7.56 min Scan# 888
 Delta R.T. -0.26 min
 Lab File: BF108754.D
 Acq: 4 Sep 2018 21:16

Tgt Ion	82	Resp	249247
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: BF108754.D

Acq: 4 Sep 2018 21:16

Instrument :

BNA_F

ClientSampleId :

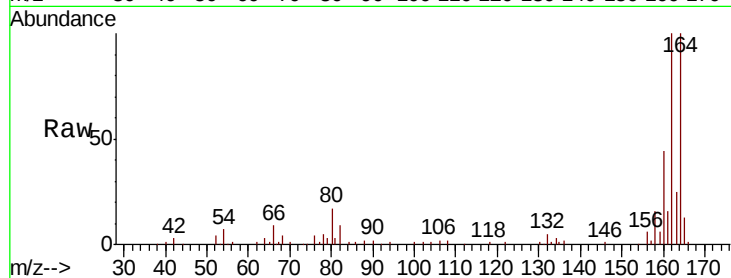
Tot Ion:164 Resp: 116287

Ion Ratio Lower Upper

164 100

162 100.1 86.1 129.1

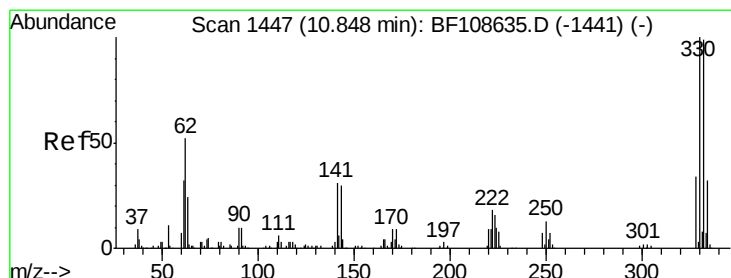
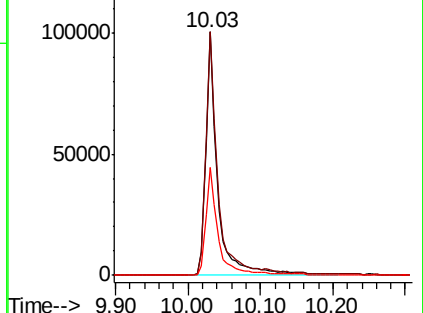
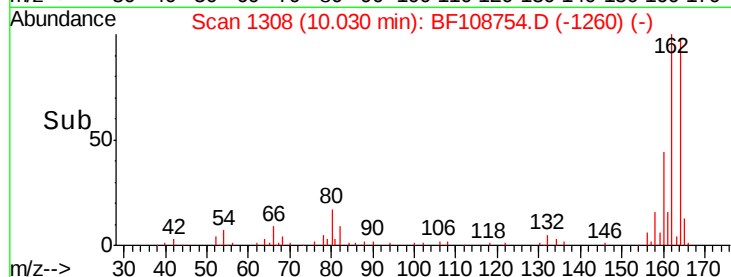
160 44.4 38.3 57.5



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: 85.279 ng

RT: 10.83 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

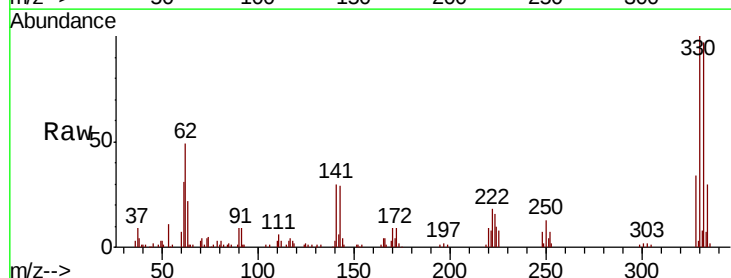
Tgt Ion:330 Resp: 130915

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

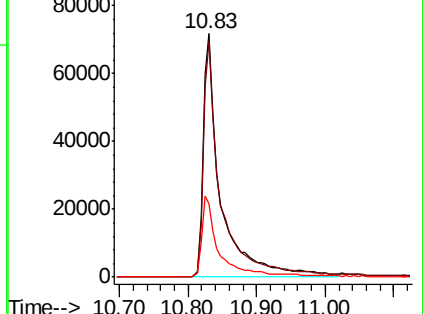
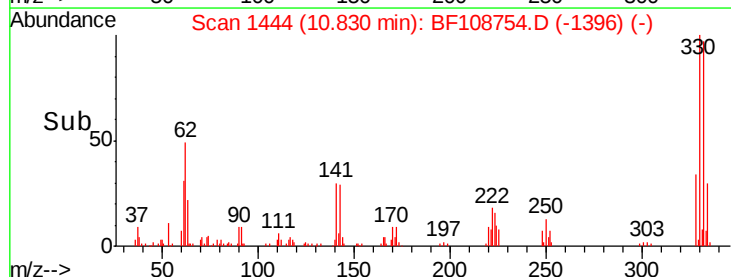
141 30.9 29.9 44.9

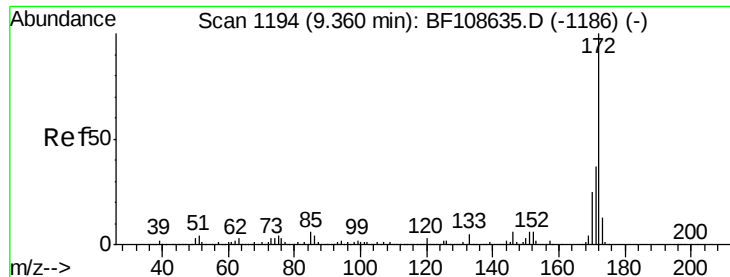


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

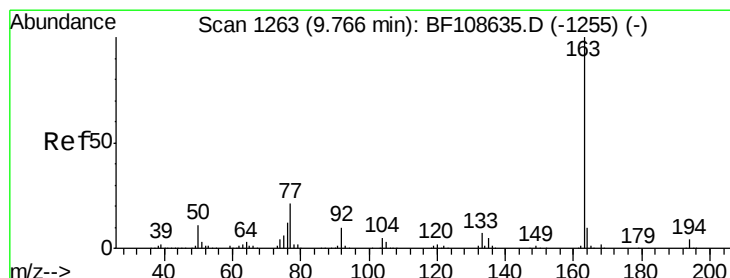
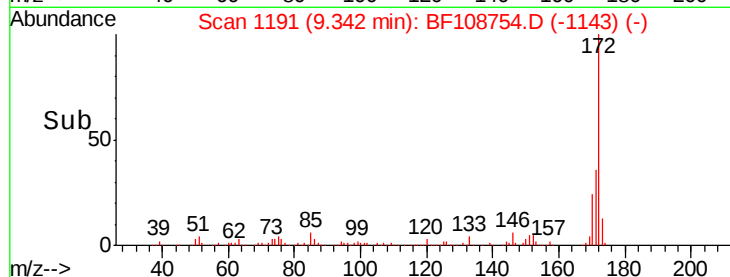
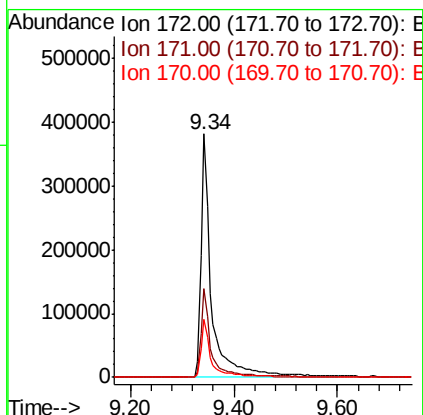
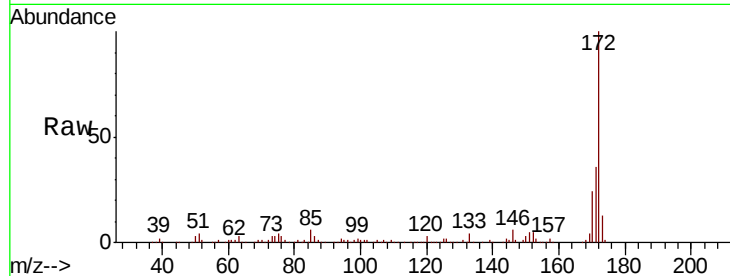




#44
2-Fluorobiphenyl
Concen: 63.050 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

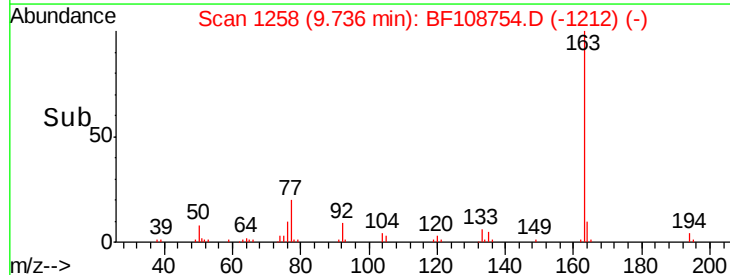
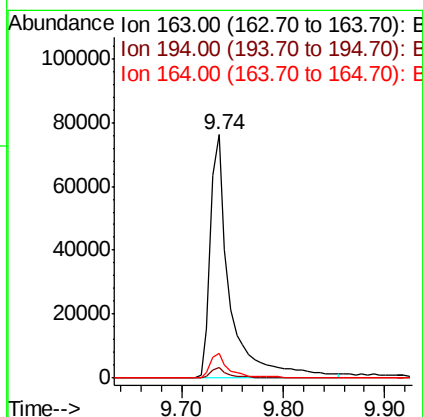
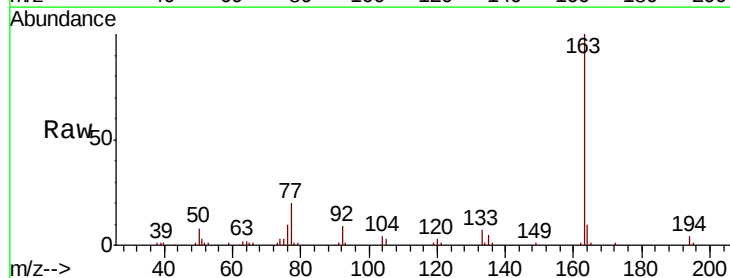
Instrument :
BNA_F
ClientSampled :

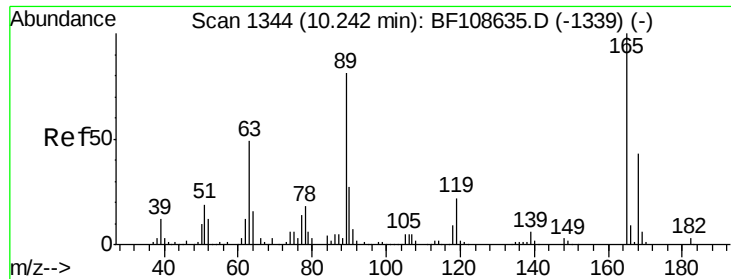
Tot Ion:172 Resp: 545291
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.9 19.6 29.4



#49
Dimethylphthalate
Concen: 11.215 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

Tgt Ion:163 Resp: 102699
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 10.3 8.2 12.2

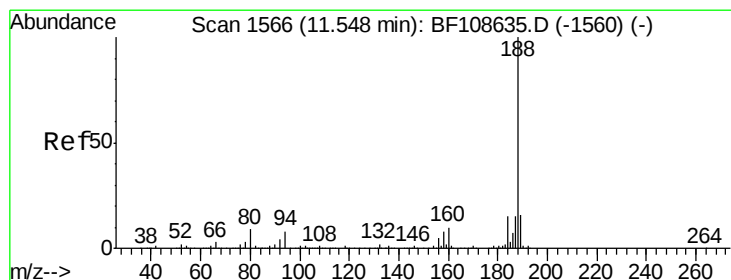
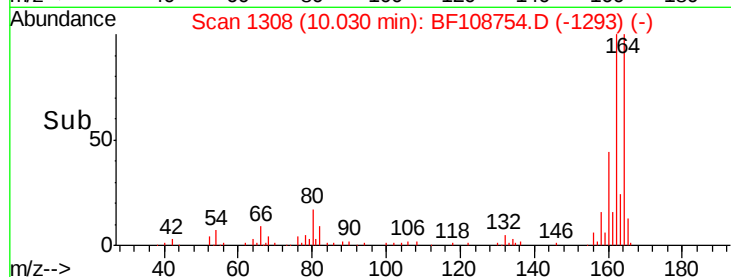
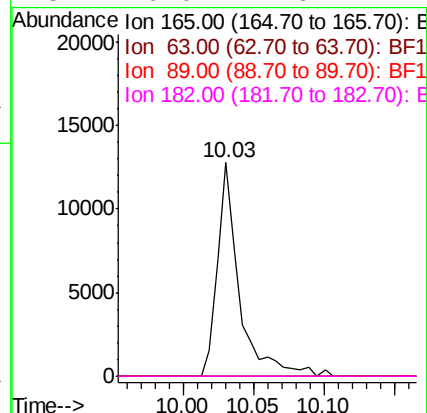
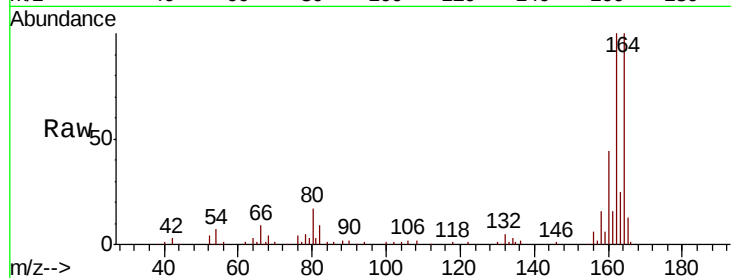




#56
2,4-Dinitrotoluene
Concen: 5.169 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

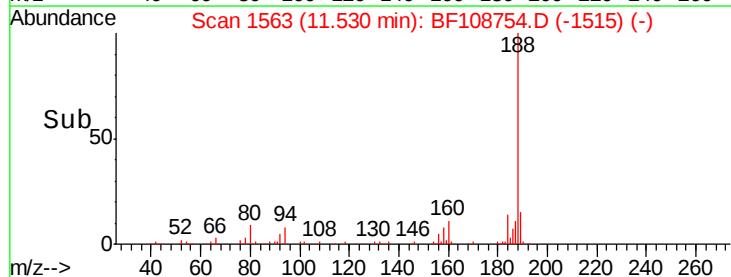
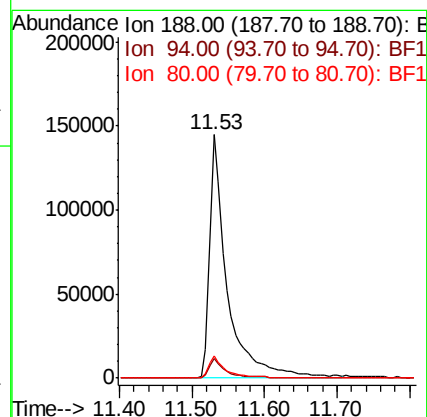
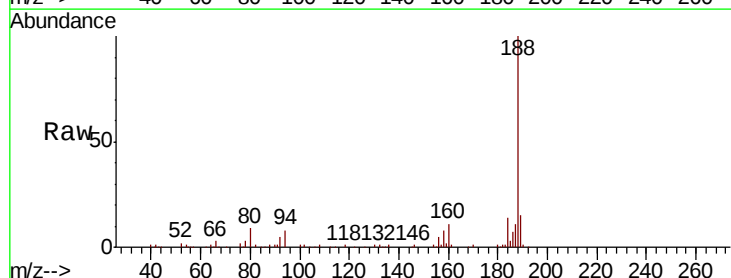
Instrument :
BNA_F
ClientSampleId :

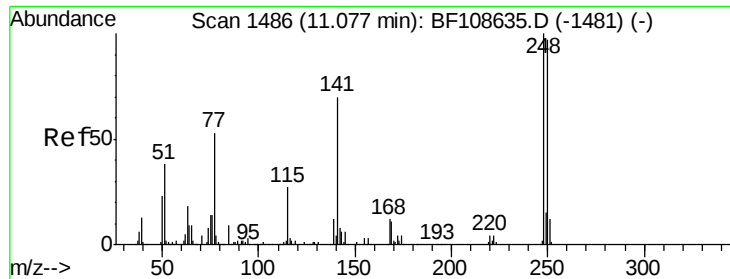
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	9.3	9.2	13.8

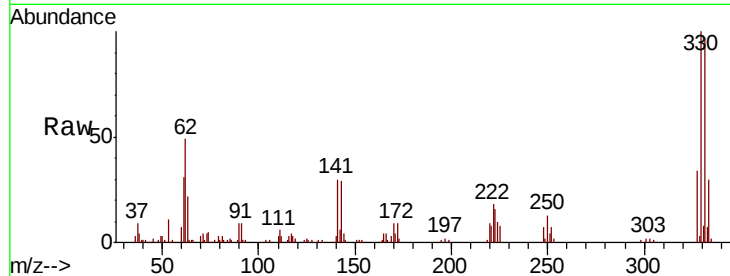




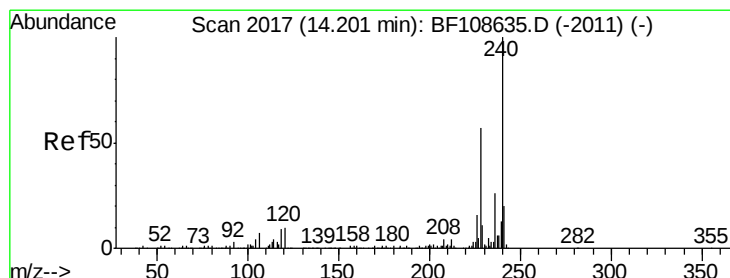
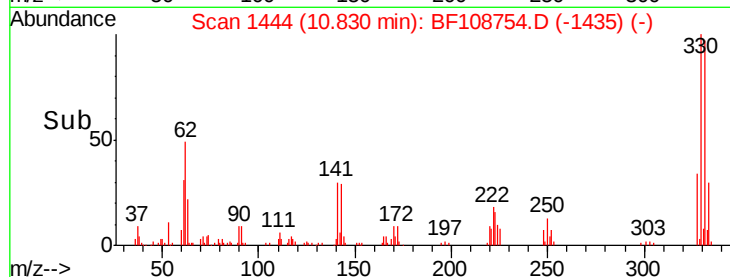
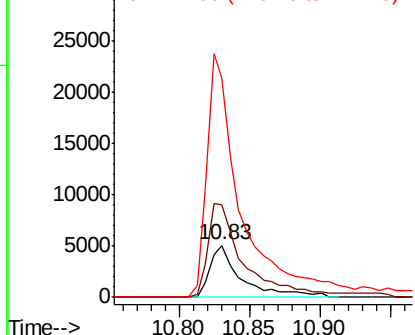
#66
4-Bromophenyl-phenylether
Concen: 2.592 ng
RT: 10.83 min Scan# 1444
Delta R.T. -0.25 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7883
Ion Ratio Lower Upper
248 100
250 178.5 76.9 115.3#
141 422.9 74.4 111.6#

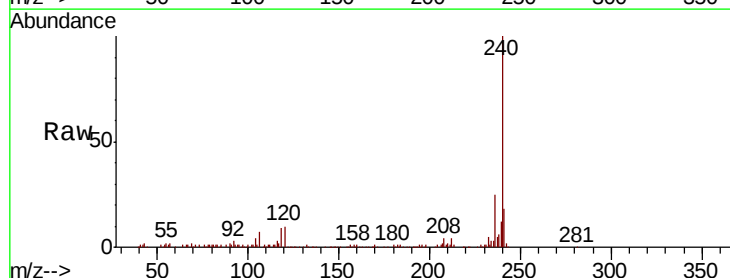


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

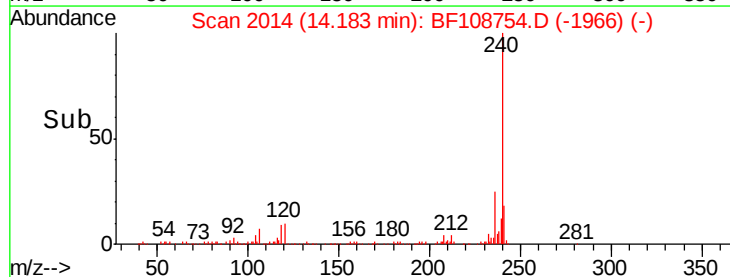
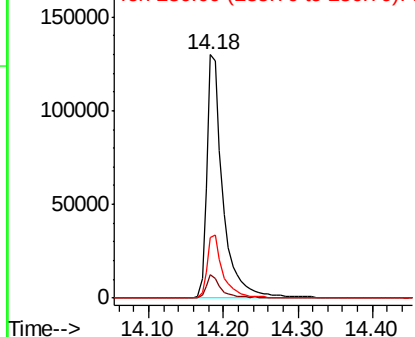


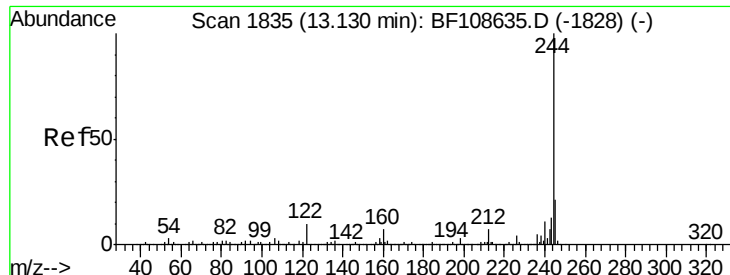
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF108754.D
Acq: 4 Sep 2018 21:16

Tgt Ion:240 Resp: 193824
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 24.7 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: 71.909 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

Instrument :

BNA_F

ClientSampleId :

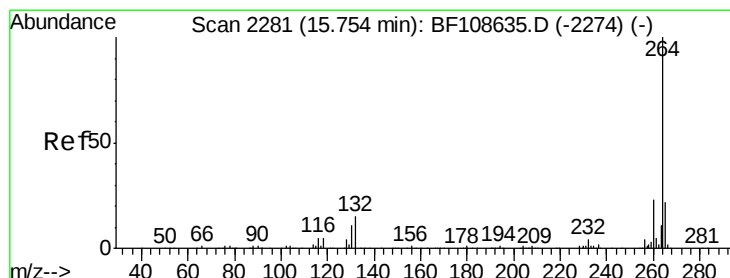
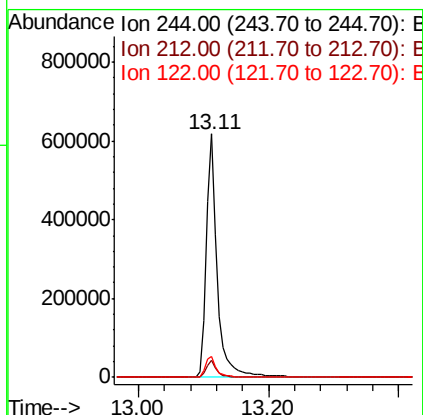
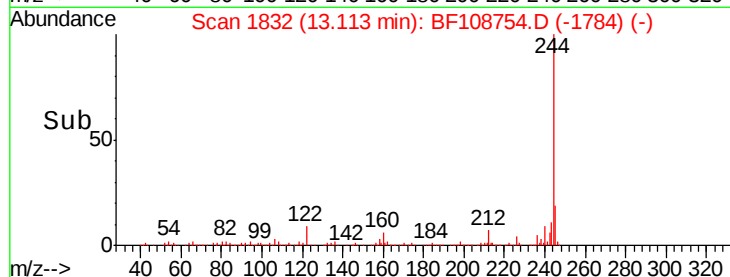
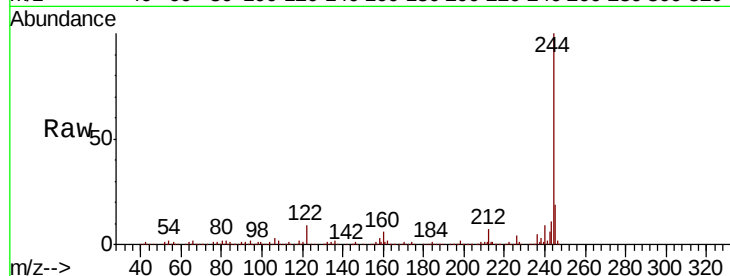
Tot Ion:244 Resp: 717350

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

122 8.6 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.74 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BF108754.D

Acq: 4 Sep 2018 21:16

Tgt Ion:264 Resp: 133771

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.6 17.5 26.3

