

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108447.D
 Acq On : 24 Aug 2018 4:10
 Operator : JU/SJ
 Sample : J4559-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-FL-046

Quant Time: Aug 24 05:38:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	142800	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	528164	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	245099	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	381839	20.00	ng	0.00
75) Chrysene-d12	14.19	240	275026	20.00	ng	0.00
86) Perylene-d12	15.75	264	235208	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.64	112	1049300	133.03	ng	0.00
7) Phenol-d6	6.63	99	1420552	135.53	ng	0.00
23) Nitrobenzene-d5	7.57	82	897219	94.79	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	308633	126.24	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1469737	96.27	ng	0.00
78) Terphenyl-d14	13.13	244	1084964	100.30	ng	0.00

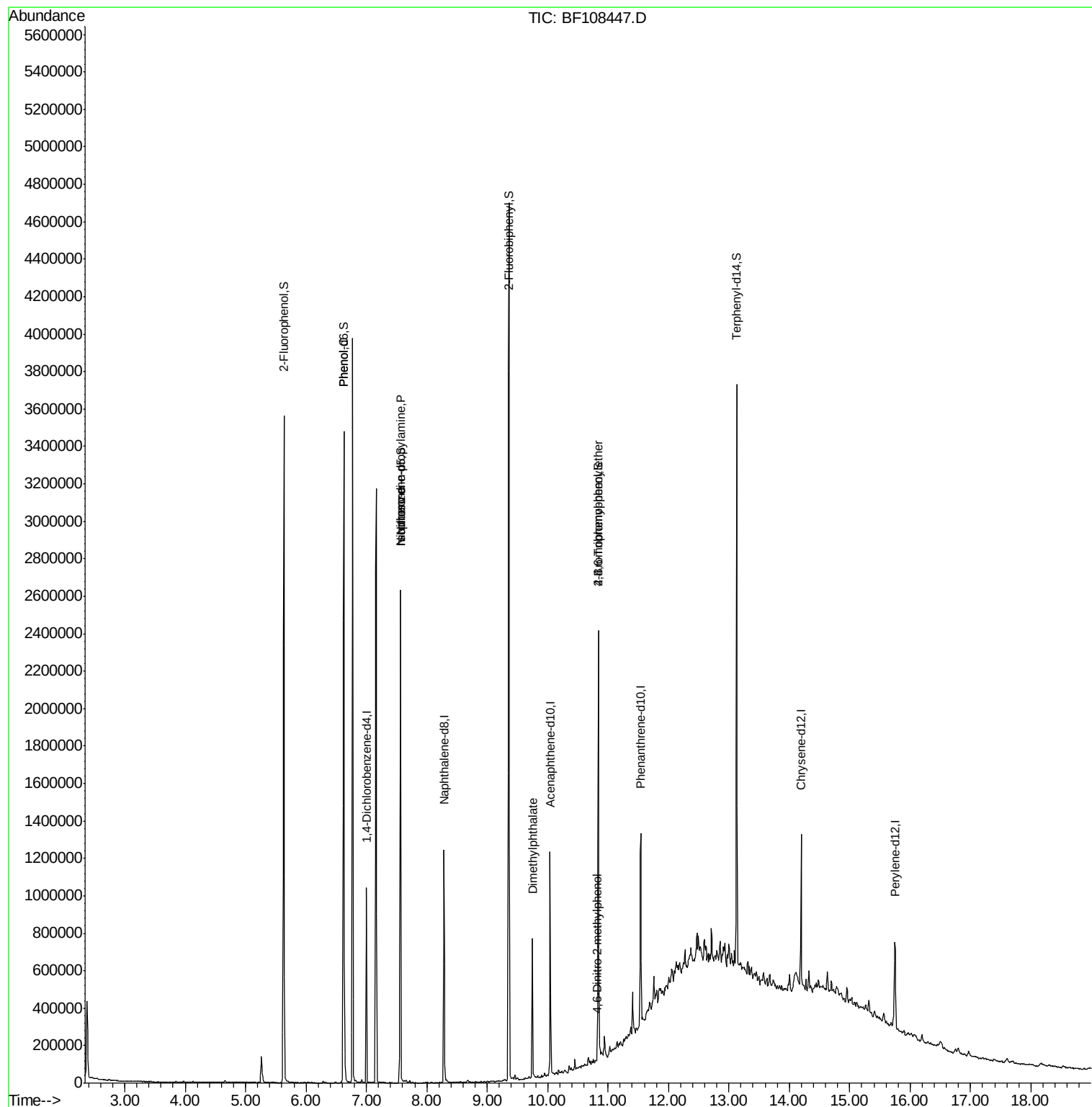
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.64	94	34552	3.187	ng	76
19) n-Nitroso-di-n-propylamine	7.57	70	123516	17.426	ng	# 81
25) Isophorone	7.57	82	897212	49.732	ng	# 64
49) Dimethylphthalate	9.75	163	290126	16.993	ng	# 98
64) 4,6-Dinitro-2-methylphenol	10.81	198	109	5.426	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	20099	4.844	ng	# 1

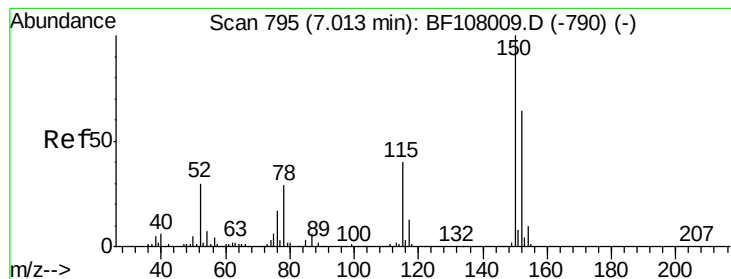
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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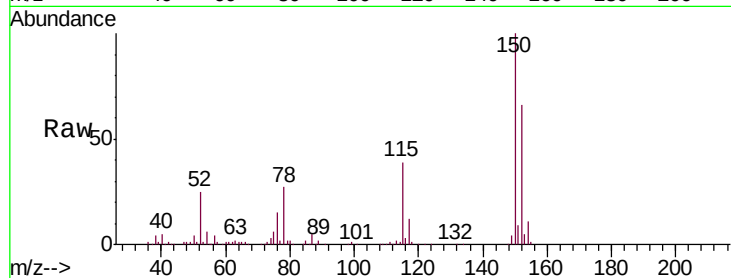


#1

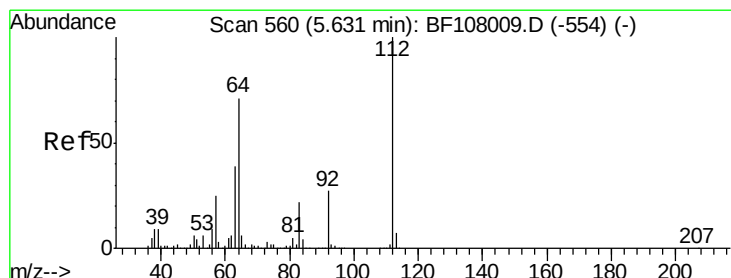
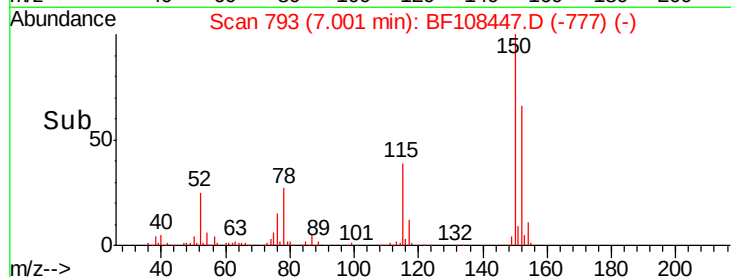
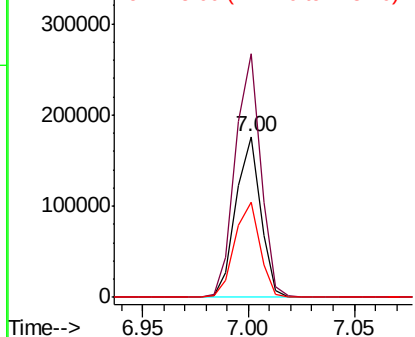
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108447.D
Acq: 24 Aug 2018 4:10

Instrument :
BNA_F
ClientSampleId :
RA-081718-FL-046

Tgt Ion:152 Resp: 142800
Ion Ratio Lower Upper
152 100
150 151.6 124.6 186.8
115 59.1 50.1 75.1



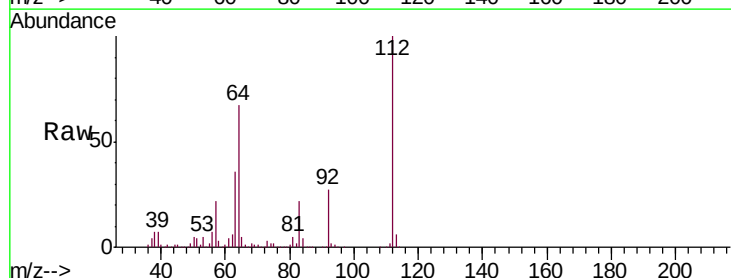
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



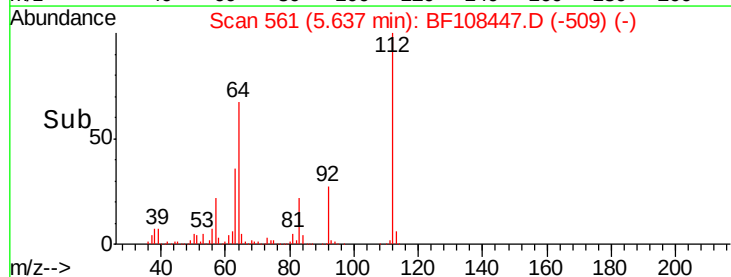
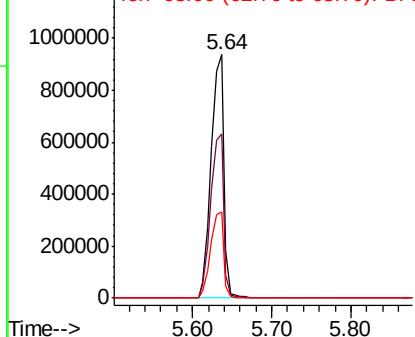
#5

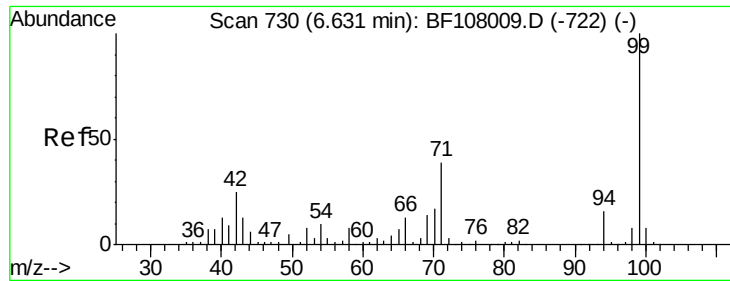
2-Fluorophenol
Concen: 133.033 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108447.D
Acq: 24 Aug 2018 4:10

Tgt Ion:112 Resp: 1049300
Ion Ratio Lower Upper
112 100
64 67.2 47.9 71.9
63 35.6 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: 135.530 ng

RT: 6.63 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF108447.D

Acq: 24 Aug 2018 4:10

Instrument :

BNA_F

ClientSampleId :

RA-081718-FL-046

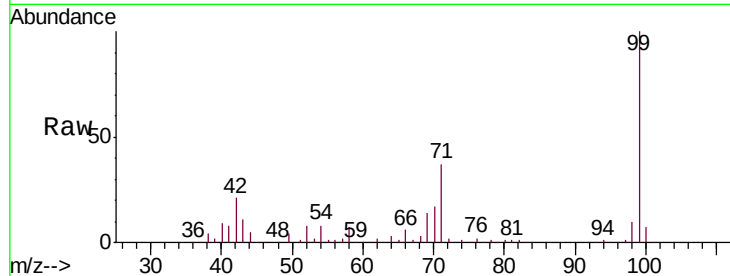
Tgt Ion: 99 Resp: 1420552

Ion Ratio Lower Upper

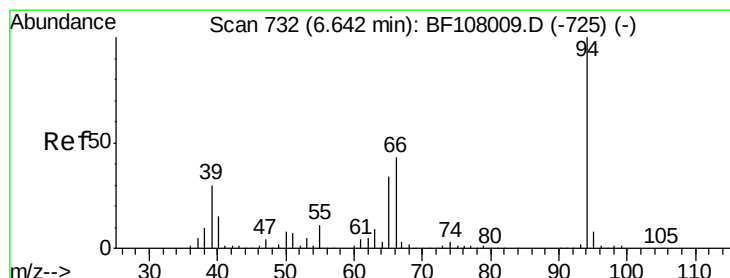
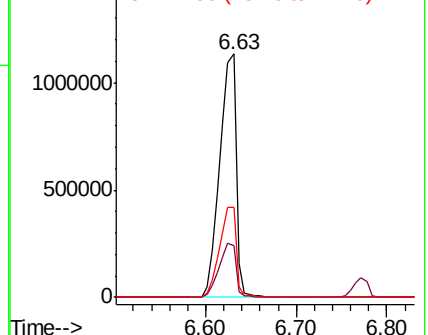
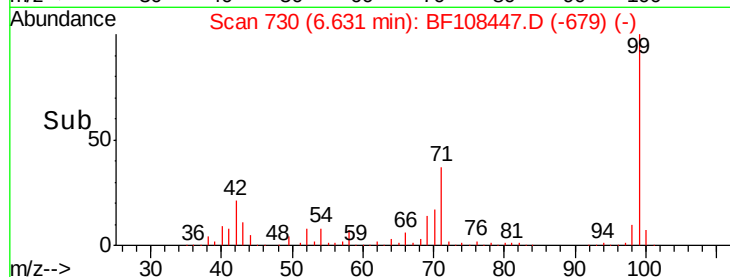
99 100

42 21.4 14.5 21.7

71 36.9 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



#10

Phenol

Concen: 3.187 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108447.D

Acq: 24 Aug 2018 4:10

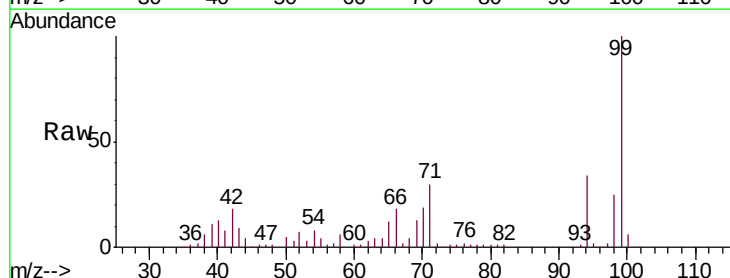
Tgt Ion: 94 Resp: 34552

Ion Ratio Lower Upper

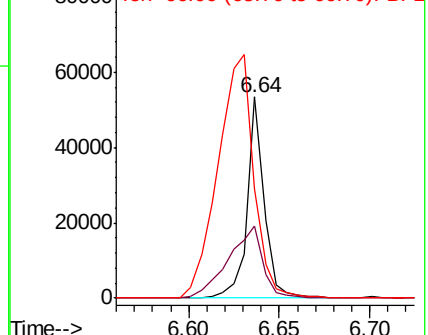
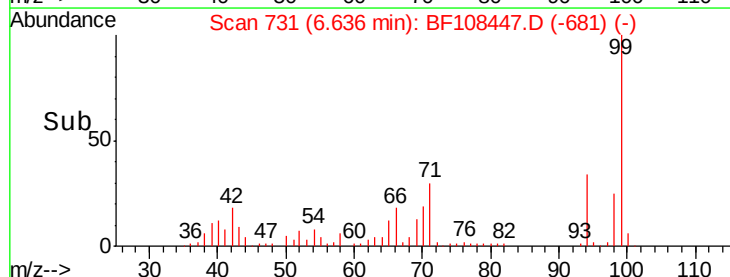
94 100

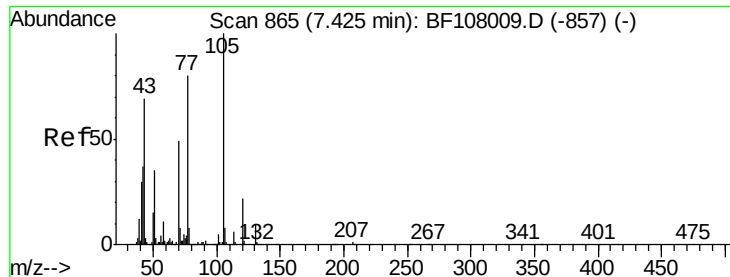
65 35.9 7.9 47.9

66 54.2 16.2 56.2



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

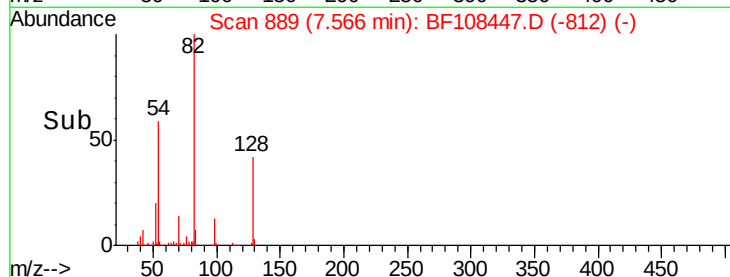
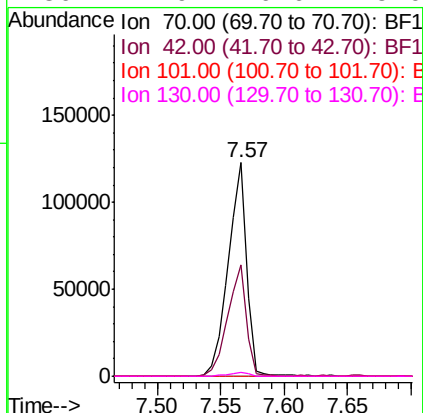
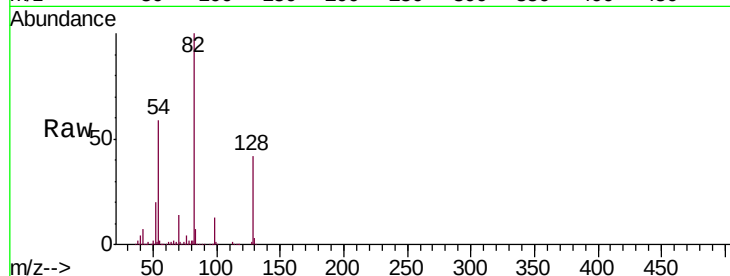




#19
n-Nitroso-di-n-propylamine
Concen: 17.426 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108447.D
Acq: 24 Aug 2018 4:10

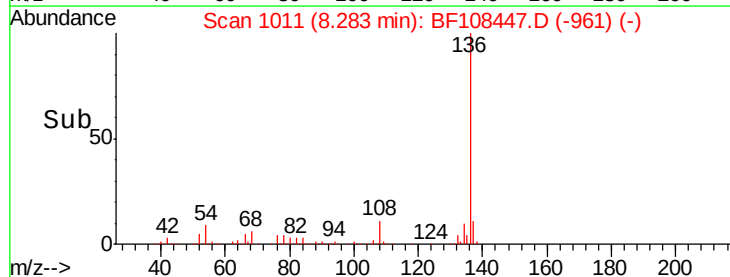
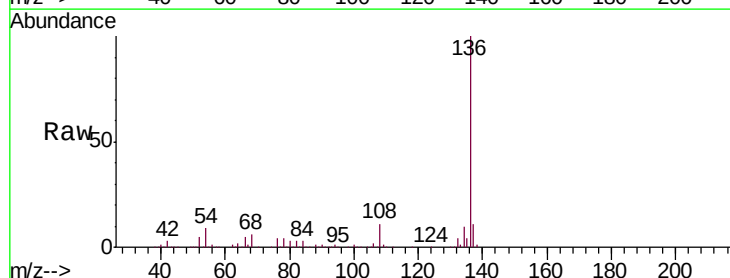
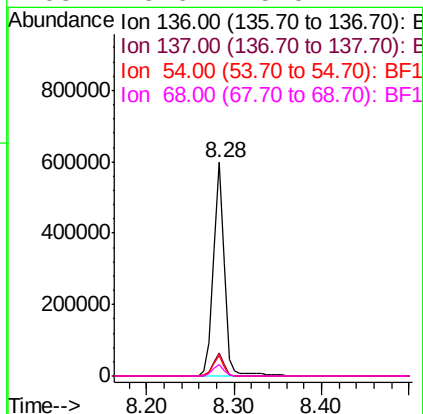
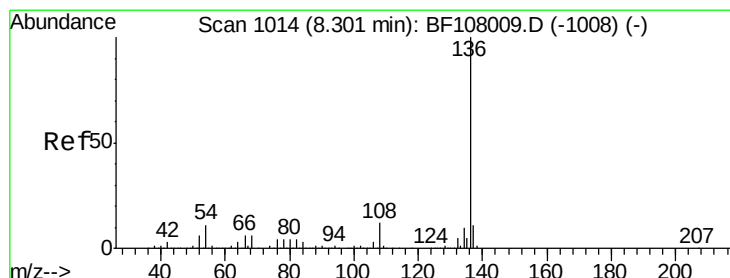
Instrument :
BNA_F
ClientSampleId :
RA-081718-FL-046

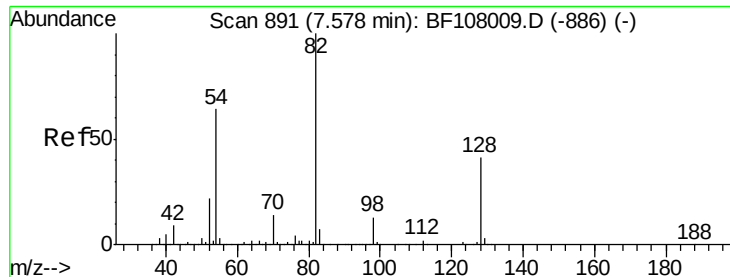
Tgt Ion:	70	Resp:	123516
Ion	Ratio	Lower	Upper
70	100		
42	51.9	47.5	71.3
101	0.0	7.4	11.2#
130	1.9	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108447.D
Acq: 24 Aug 2018 4:10

Tgt Ion:	136	Resp:	528164
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.5	6.6	9.8
68	5.6	5.0	7.4

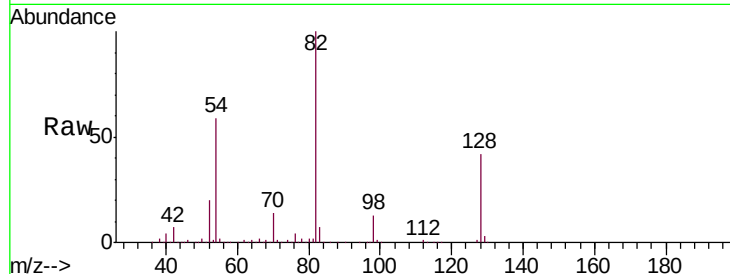




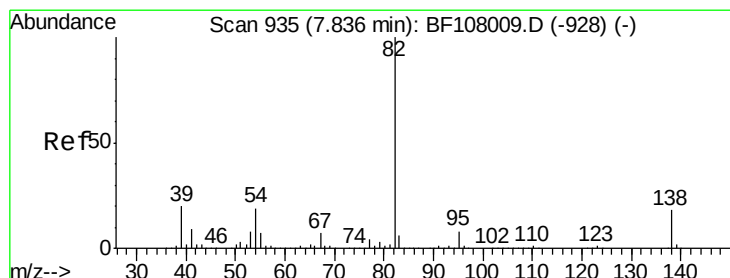
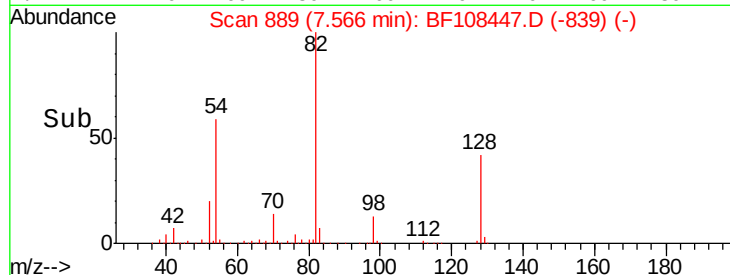
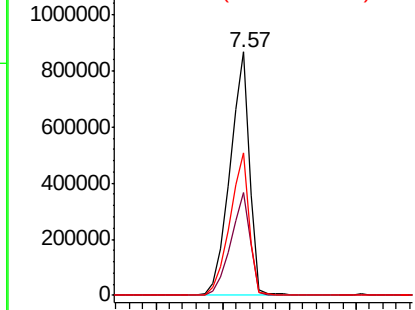
#23
 Nitrobenzene-d5
 Concen: 94.793 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108447.D
 Acq: 24 Aug 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-FL-046

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	36.1	54.1
54	58.7	41.4	62.2

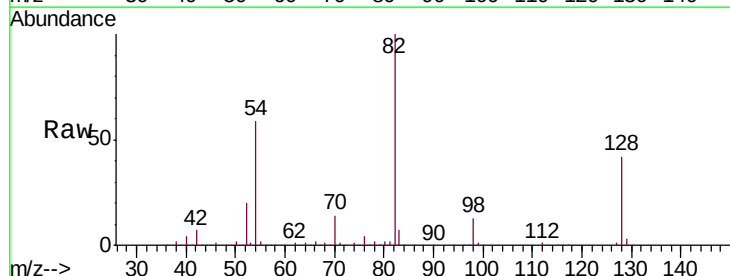


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

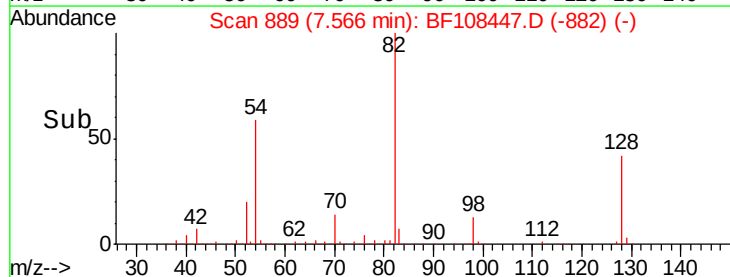
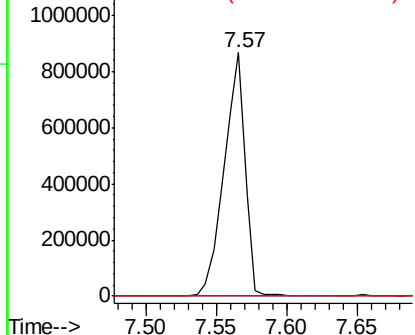


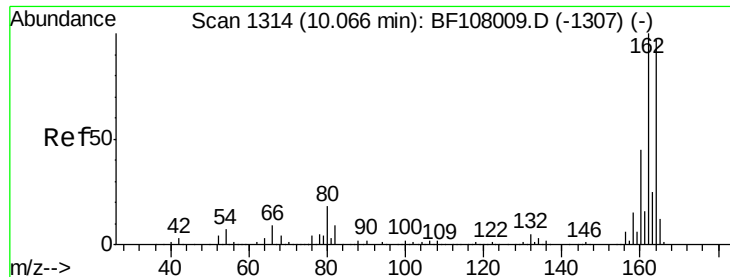
#25
 Isophorone
 Concen: 49.732 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF108447.D
 Acq: 24 Aug 2018 4:10

Tgt 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

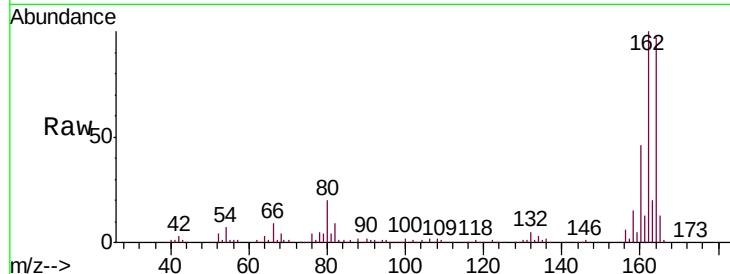




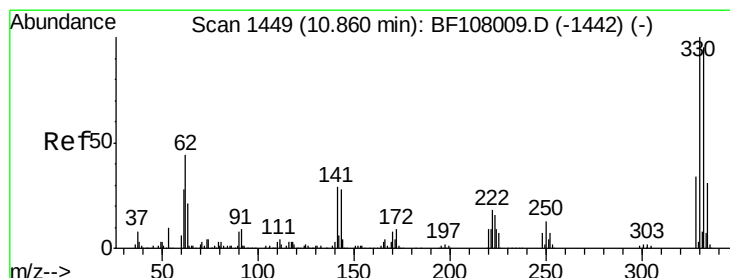
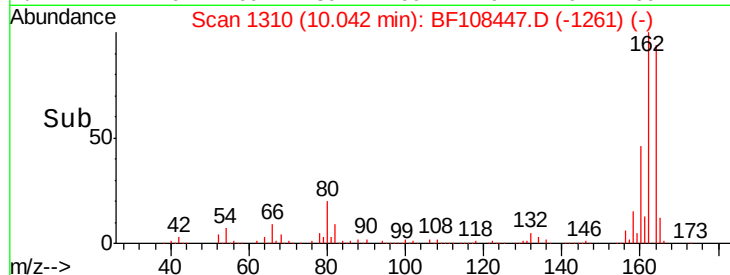
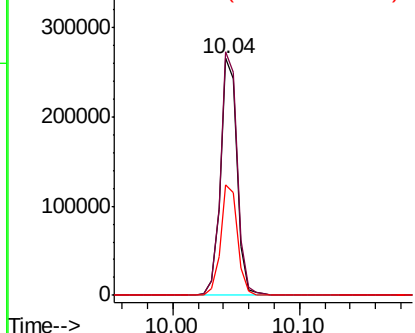
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108447.D
 Acq: 24 Aug 2018 4:10

Instrument :
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Tgt Ion:164 Resp: 245099
 Ion Ratio Lower Upper
 164 100
 162 102.7 86.1 129.1
 160 46.8 38.3 57.5

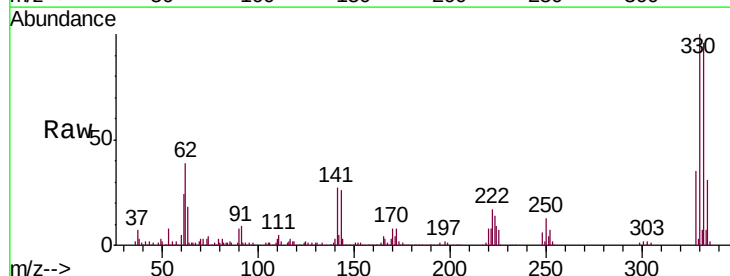


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

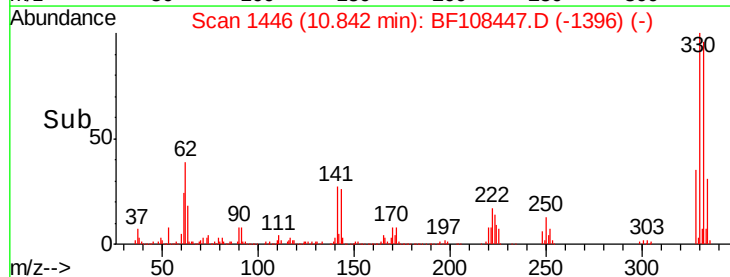
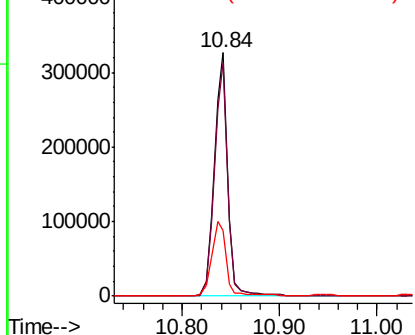


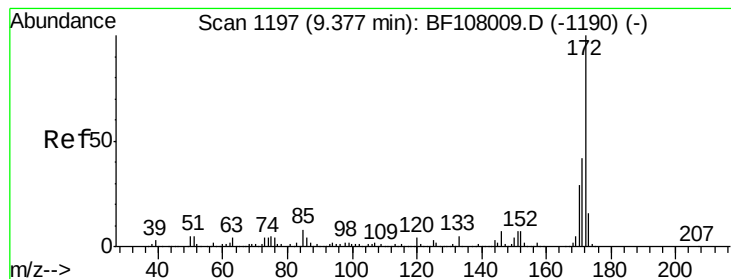
#41
 2,4,6-Tribromophenol
 Concen: 126.241 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108447.D
 Acq: 24 Aug 2018 4:10

Tgt Ion:330 Resp: 308633
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 32.5 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

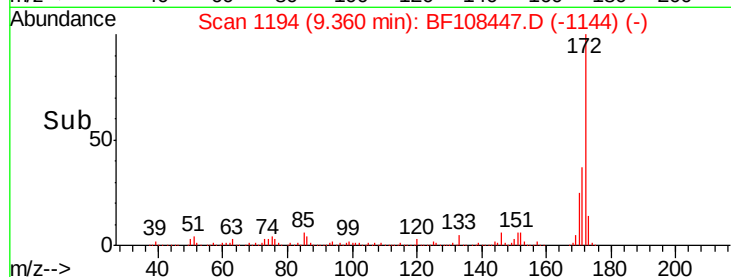
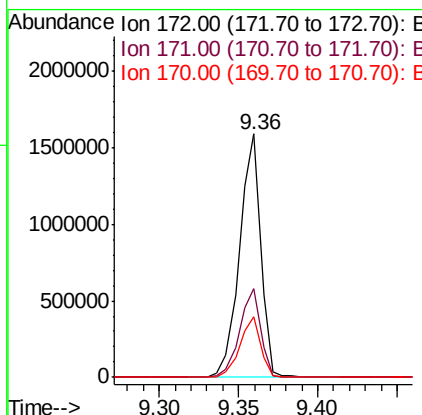
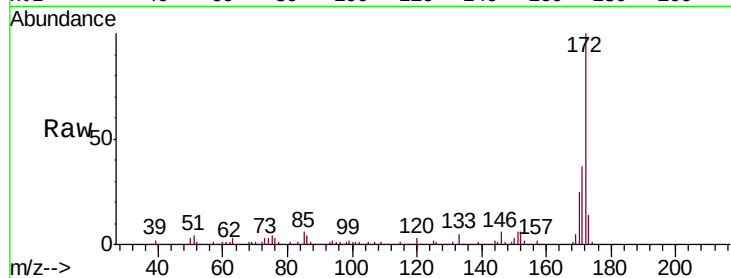




#44
2-Fluorobiphenyl
Concen: 96.272 ng
RT: 9.36 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF108447.D
Acq: 24 Aug 2018 4:10

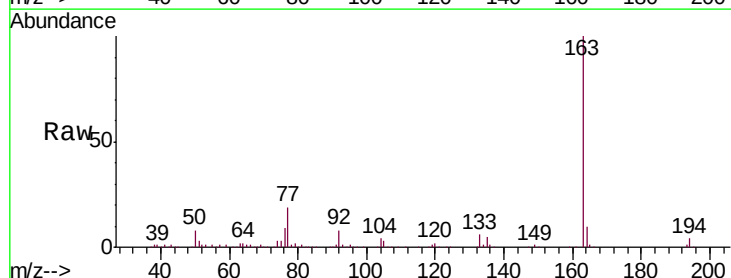
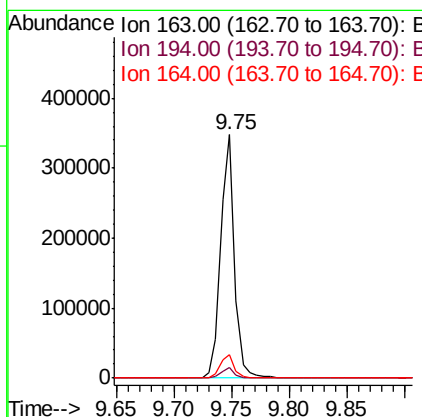
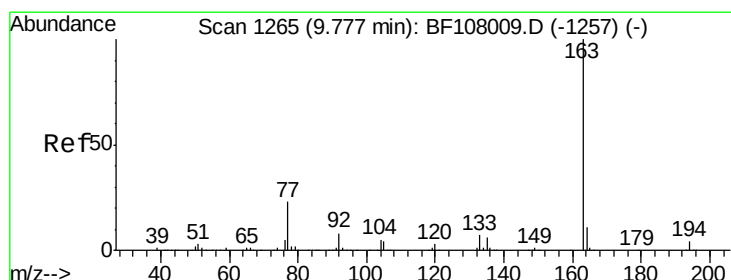
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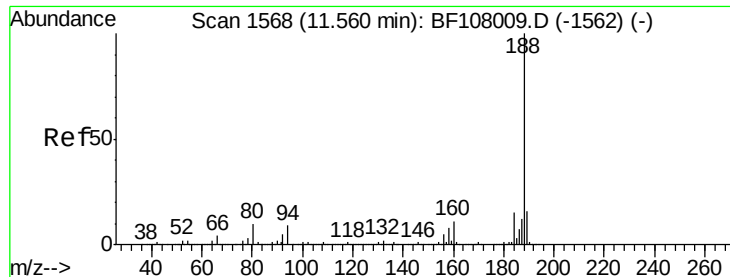
Tgt Ion:172 Resp: 1469737
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.7 19.6 29.4



#49
Dimethylphthalate
Concen: 16.993 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108447.D
Acq: 24 Aug 2018 4:10

Tgt Ion:163 Resp: 290126
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 9.7 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.54 min Scan# 1565

Delta R.T. -0.01 min

Lab File: BF108447.D

Acq: 24 Aug 2018 4:10

Instrument :

BNA_F

ClientSampleId :

RA-081718-FL-046

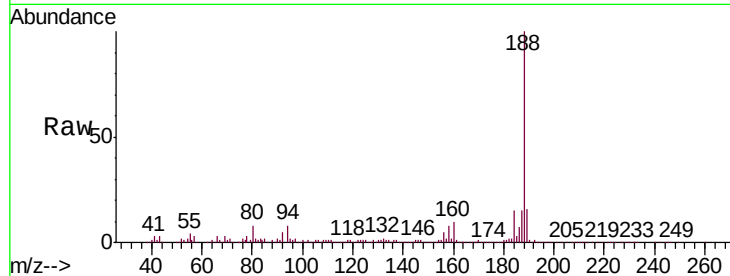
Tgt Ion:188 Resp: 381839

Ion Ratio Lower Upper

188 100

94 7.8 8.5 12.7#

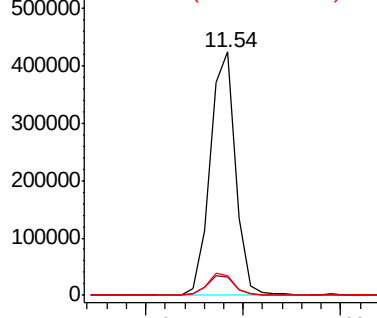
80 8.2 9.2 13.8#



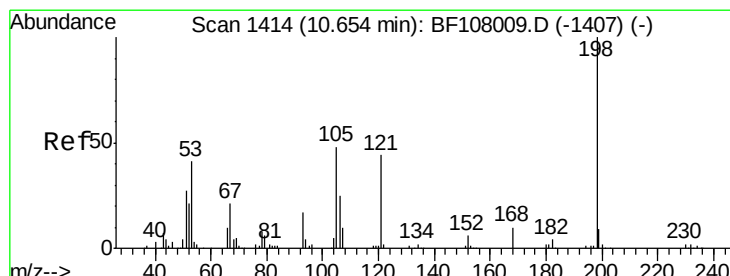
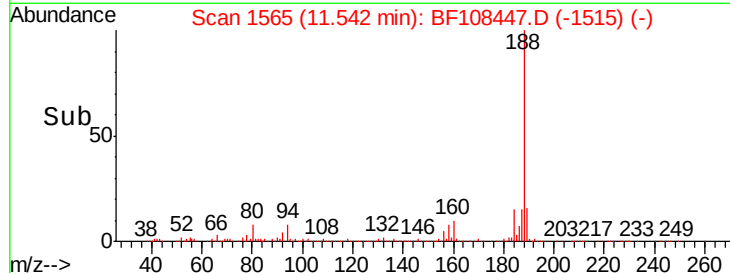
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 5.426 ng

RT: 10.81 min Scan# 1441

Delta R.T. 0.16 min

Lab File: BF108447.D

Acq: 24 Aug 2018 4:10

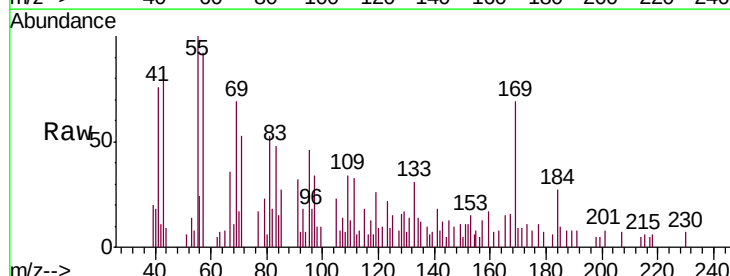
Tgt Ion:198 Resp: 109

Ion Ratio Lower Upper

198 100

51 113.6 37.7 77.7#

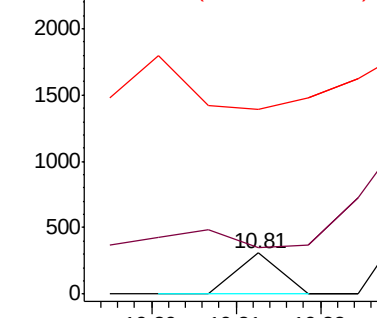
105 453.2 36.3 76.3#



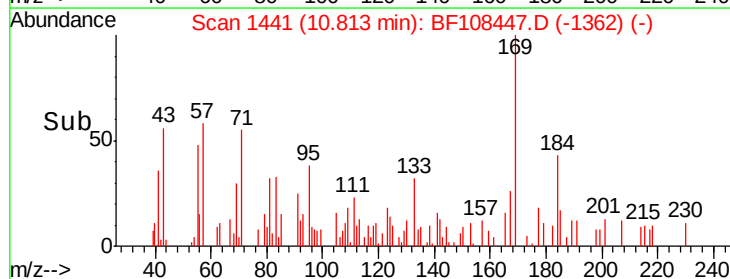
Abundance Ion 198.00 (197.70 to 198.70): E

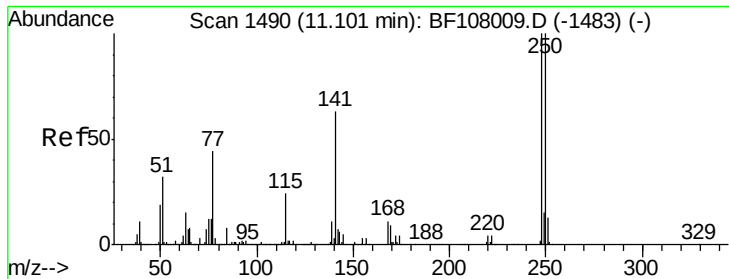
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->

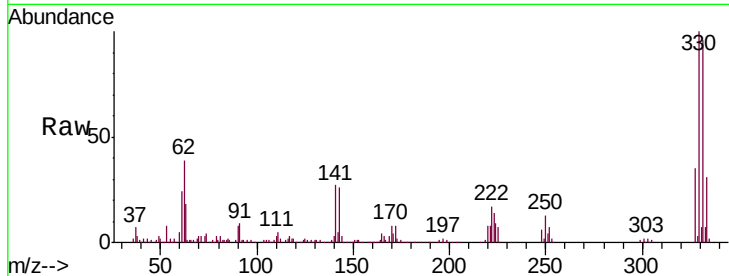




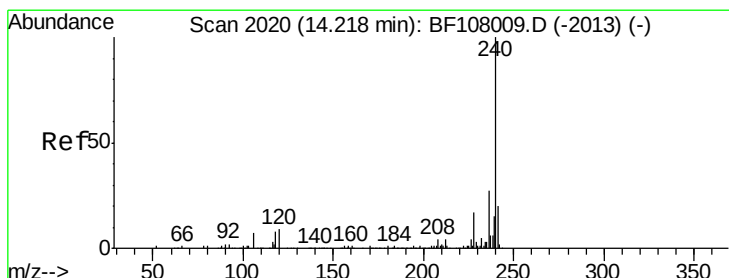
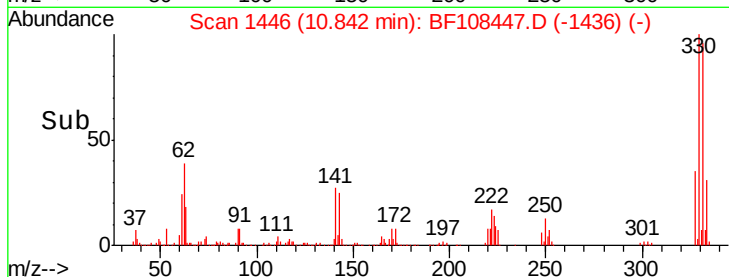
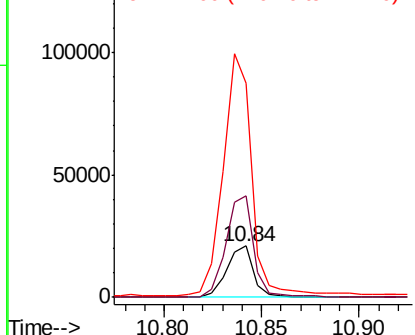
#66
 4-Bromophenyl-phenylether
 Concen: 4.844 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.24 min
 Lab File: BF108447.D
 Acq: 24 Aug 2018 4:10

Instrument :
 BNA_F
 ClientSampleId :
 RA-081718-FL-046

Tgt Ion:248 Resp: 20099
 Ion Ratio Lower Upper
 248 100
 250 198.4 76.9 115.3#
 141 418.9 74.4 111.6#

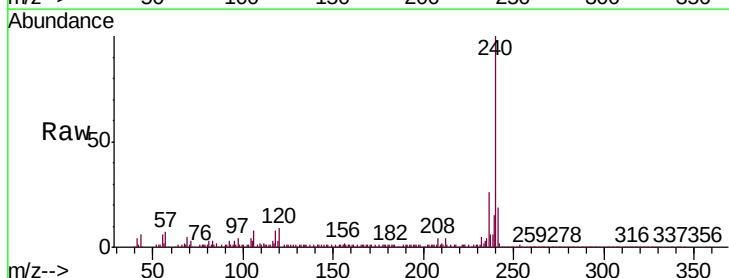


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

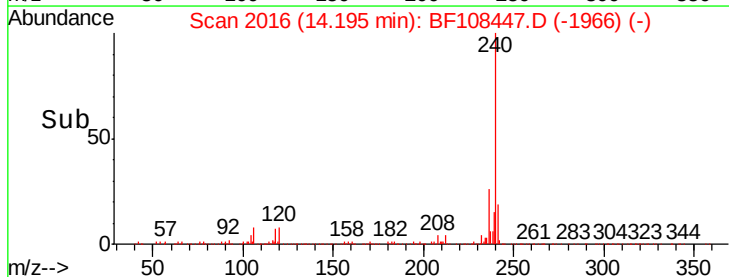
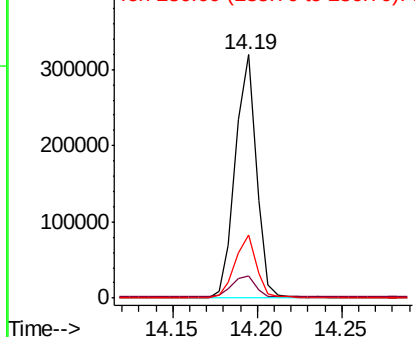


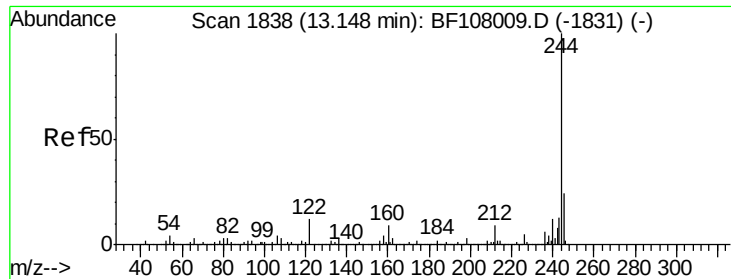
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108447.D
 Acq: 24 Aug 2018 4:10

Tgt Ion:240 Resp: 275026
 Ion Ratio Lower Upper
 240 100
 120 9.1 9.5 14.3#
 236 26.1 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: 100.303 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108447.D

Acq: 24 Aug 2018 4:10

Instrument :

BNA_F

ClientSampleId :

RA-081718-FL-046

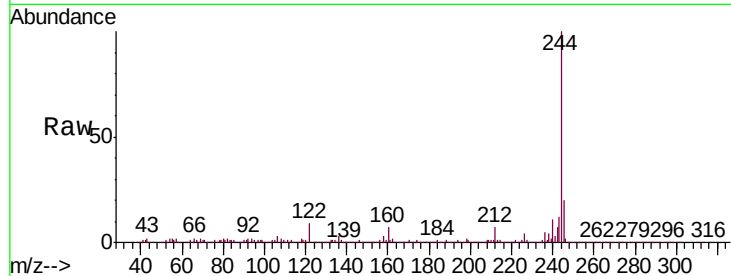
Tgt Ion:244 Resp: 1084964

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

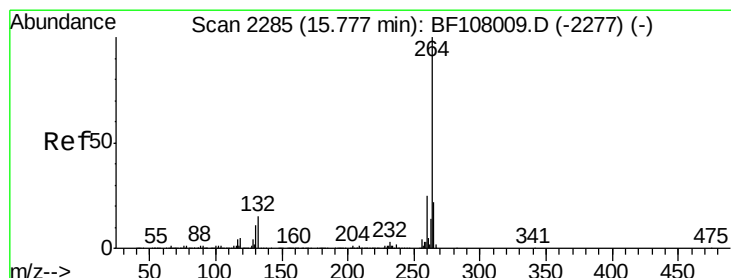
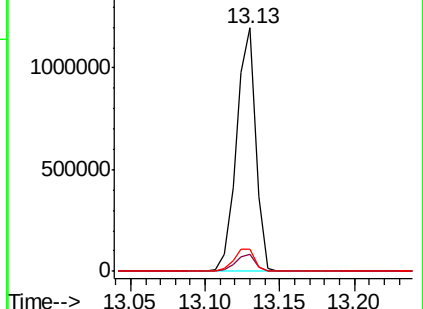
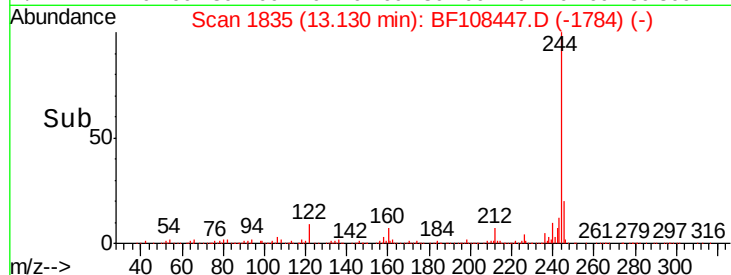
122 9.0 11.0 16.4#



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: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108447.D

Acq: 24 Aug 2018 4:10

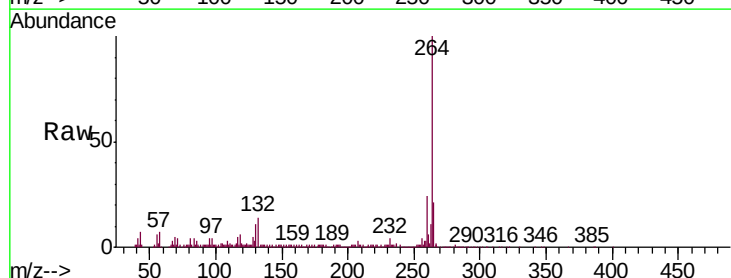
Tgt Ion:264 Resp: 235208

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.1 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

