

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082718\
 Data File : BF108499.D
 Acq On : 27 Aug 2018 10:15
 Operator : JU/SJ
 Sample : J4629-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 27 11:19:11 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

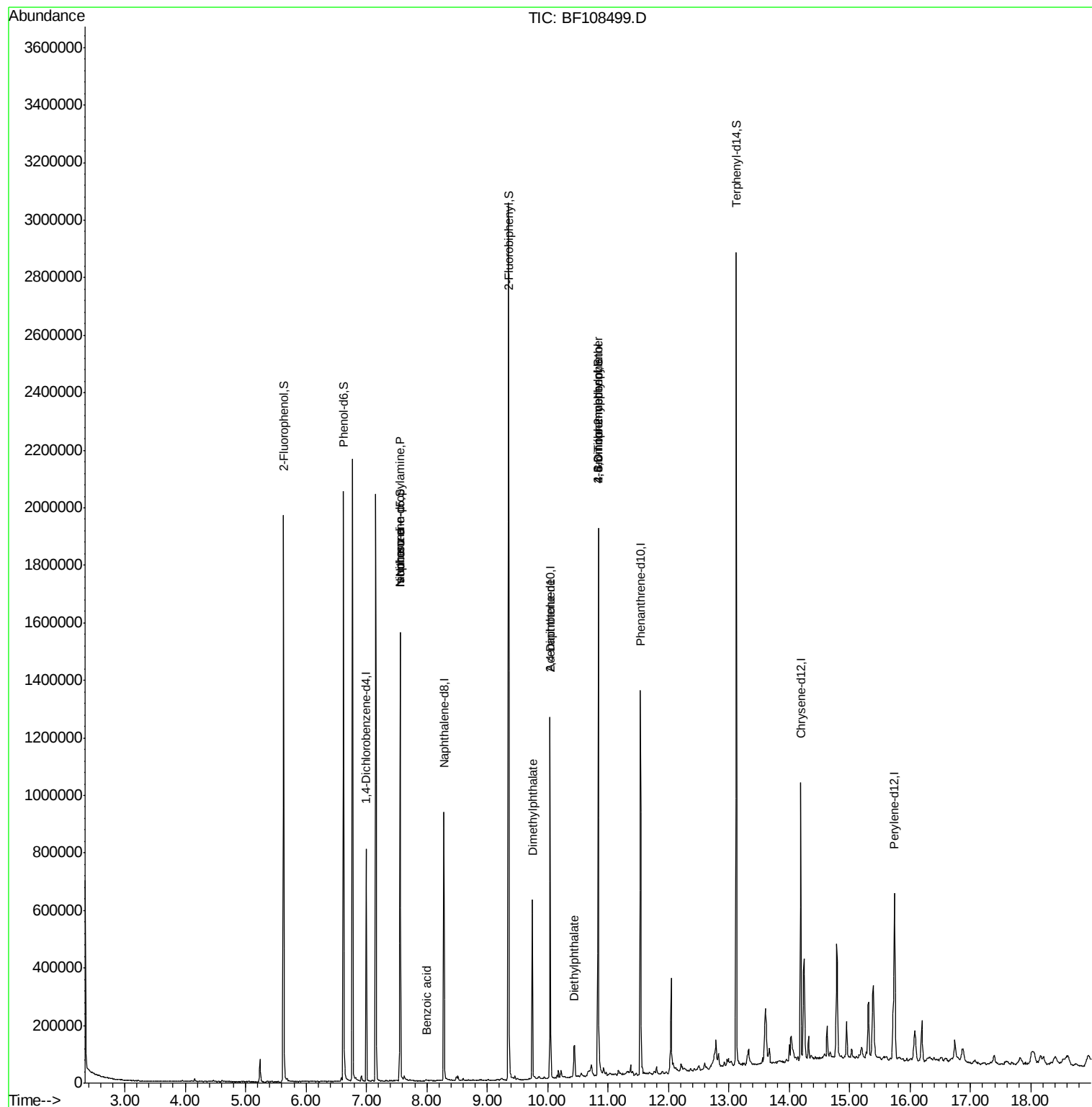
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	112116	20.00	ng	-0.01
21) Naphthalene-d8	8.28	136	432682	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	226416	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	457838	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	307607	20.00	ng	-0.01
86) Perylene-d12	15.74	264	275927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	530950	85.74	ng	0.00
7) Phenol-d6	6.62	99	714533	86.83	ng	0.00
23) Nitrobenzene-d5	7.56	82	465924	60.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	226816	100.43	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	893106	63.33	ng	-0.01
78) Terphenyl-d14	13.12	244	947780	78.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	63740	11.454	ng	# 83
25) Isophorone	7.56	82	465915	31.525	ng	# 64
32) Benzoic acid	8.00	122	248	6.031	ng	# 87
49) Dimethylphthalate	9.75	163	250806	15.902	ng	# 98
56) 2,4-Dinitrotoluene	10.04	165	29129	6.858	ng	# 24
59) Diethylphthalate	10.44	149	59814	3.916	ng	# 96
64) 4,6-Dinitro-2-methylphenol	10.84	198	349	5.539	ng	# 1
66) 4-Bromophenyl-phenylether	10.84	248	15092	3.033	ng	# 1

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

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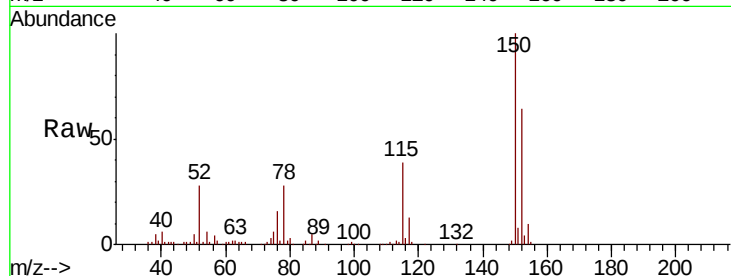


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108499.D
Acq: 27 Aug 2018 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	60.3	50.1	75.1

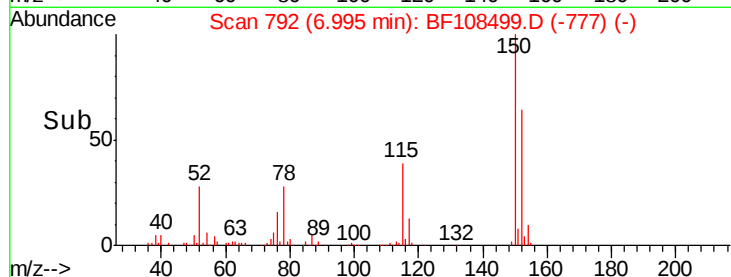
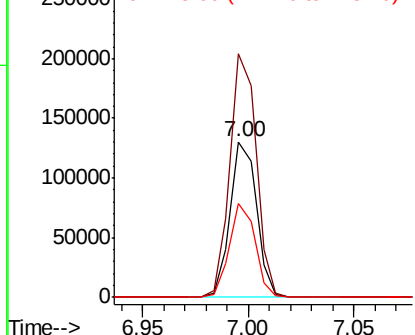


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

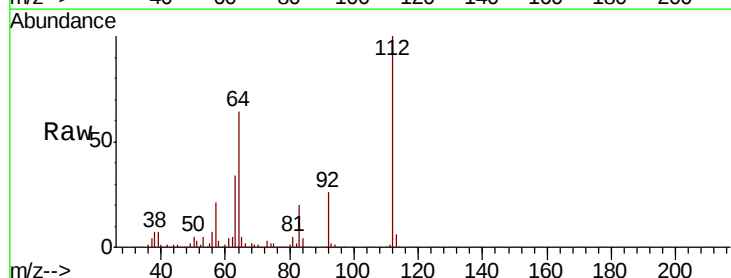
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.738 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF108499.D
Acq: 27 Aug 2018 10:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.5	47.9	71.9
63	34.4	23.7	35.5

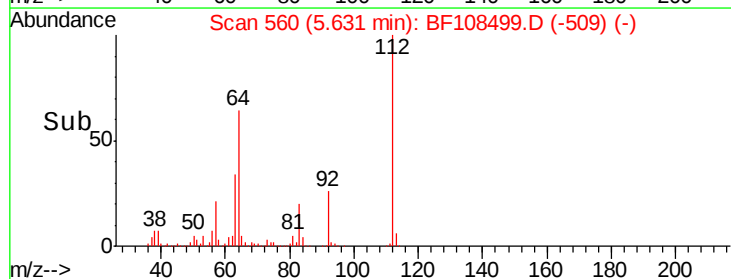
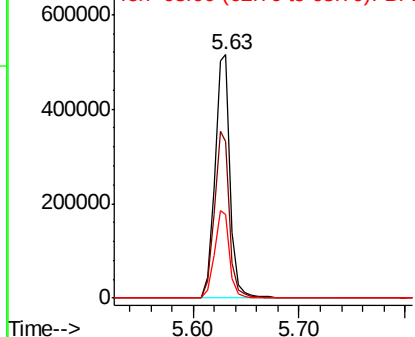


Abundance

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: 86.828 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

Instrument :

BNA_F

ClientSampled :

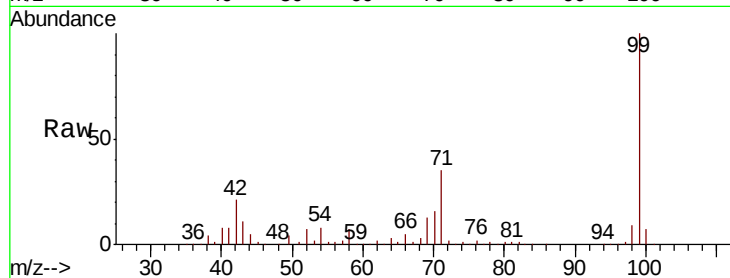
Tot Ion: 99 Resp: 714533

Ion Ratio Lower Upper

99 100

42 20.8 14.5 21.7

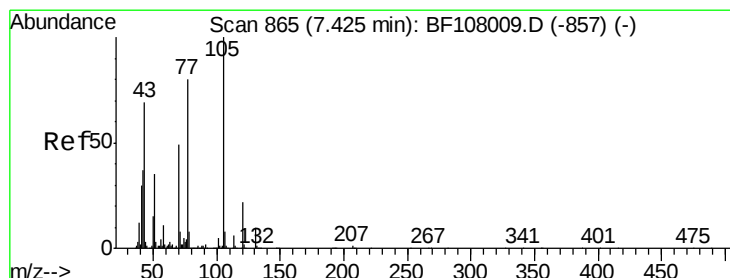
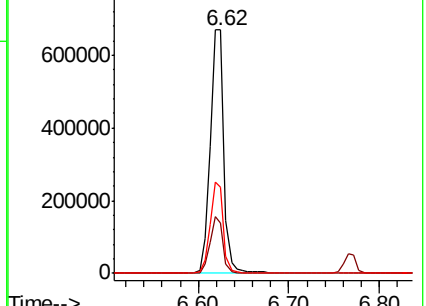
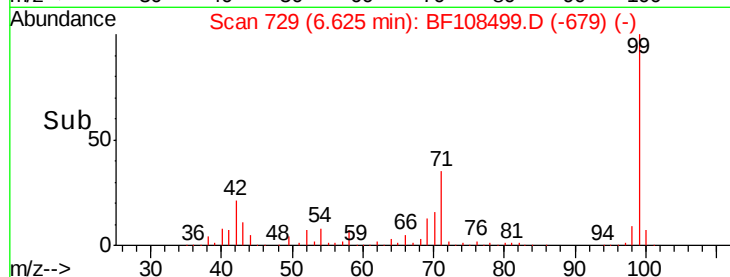
71 35.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.454 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

Tgt Ion: 70 Resp: 63740

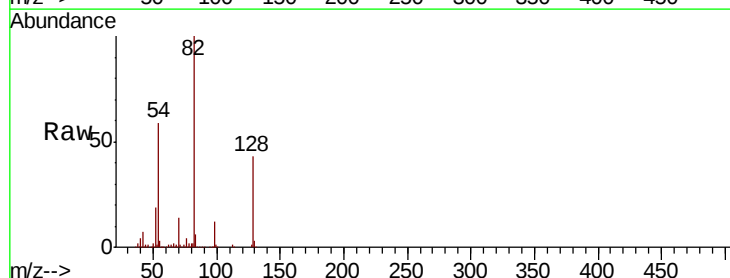
Ion Ratio Lower Upper

70 100

42 53.7 47.5 71.3

101 0.0 7.4 11.2#

130 1.7 16.6 25.0#

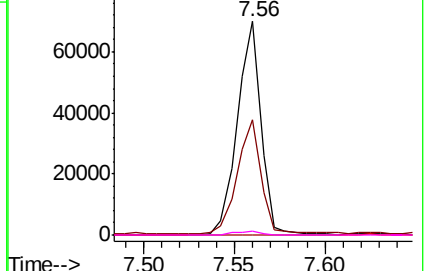
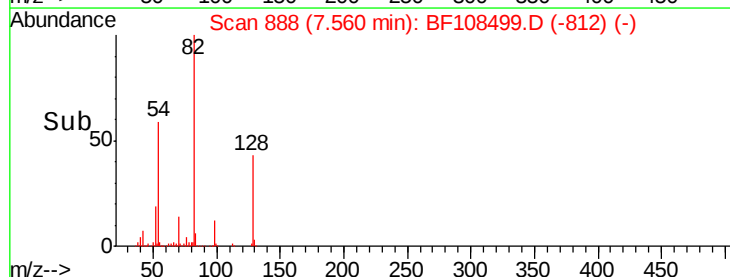


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 20.000 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 432682

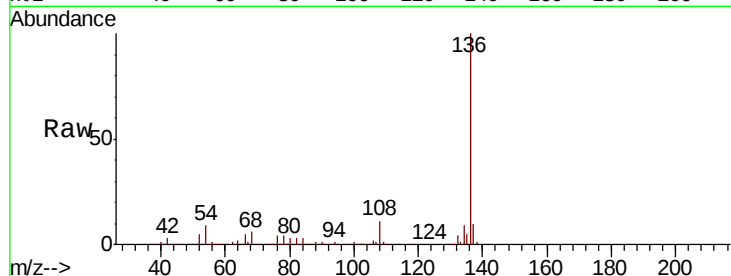
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.6 6.6 9.8

68 5.5 5.0 7.4

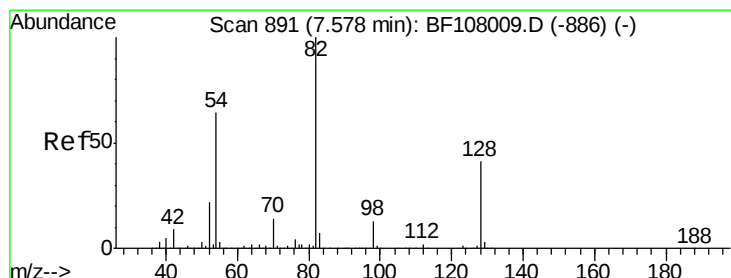
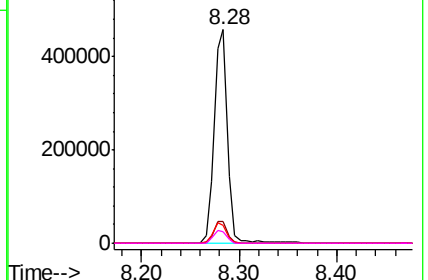
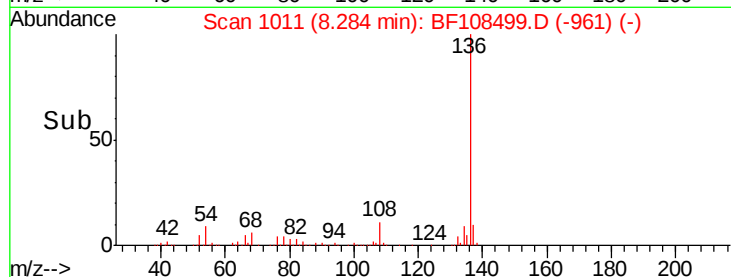


Abundance Ion 136.00 (135.70 to 136.70): E

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: 60.089 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

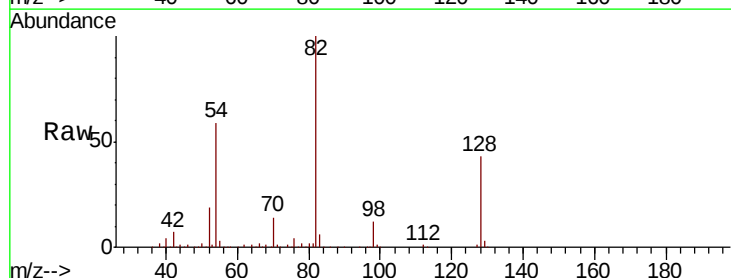
Tgt Ion: 82 Resp: 465924

Ion Ratio Lower Upper

82 100

128 42.9 36.1 54.1

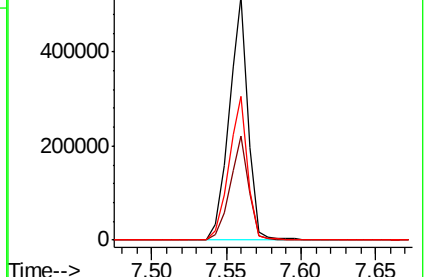
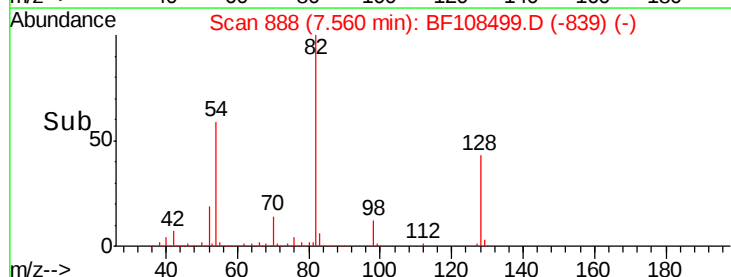
54 59.1 41.4 62.2



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: 31.525 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

Instrument :

BNA_F

ClientSampleId :

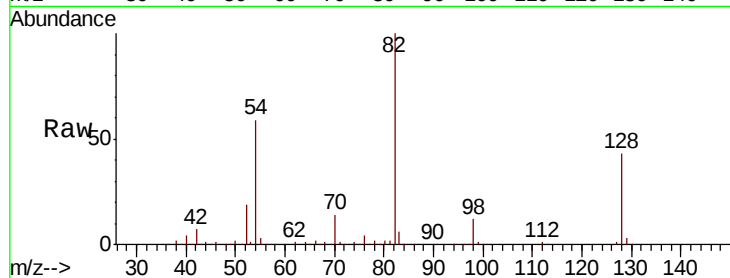
Tot Ion: 82 Resp: 465915

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

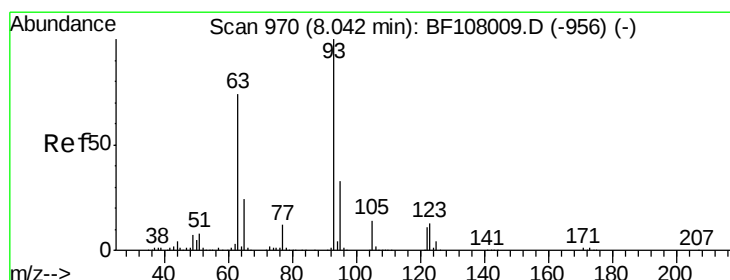
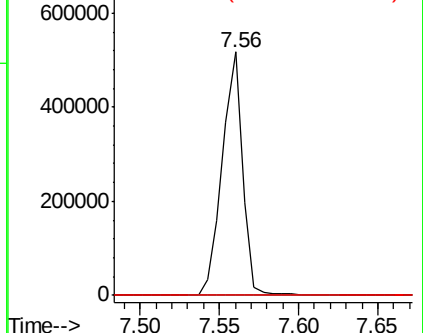
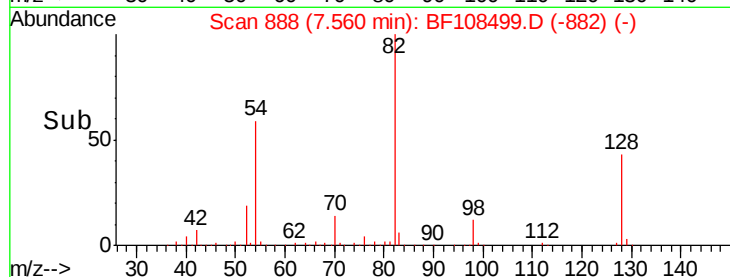
138 0.0 14.9 22.3#



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



#32

Benzoic acid

Concen: 6.031 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.04 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

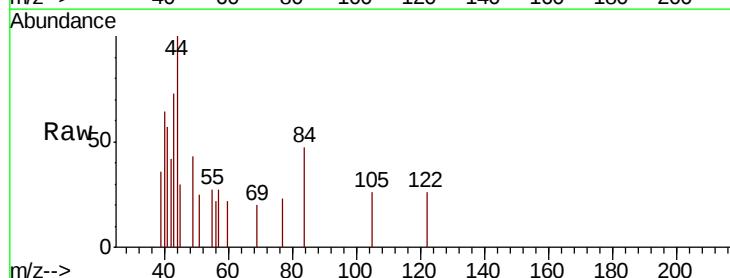
Tgt Ion: 122 Resp: 248

Ion Ratio Lower Upper

122 100

105 98.7 101.1 141.1#

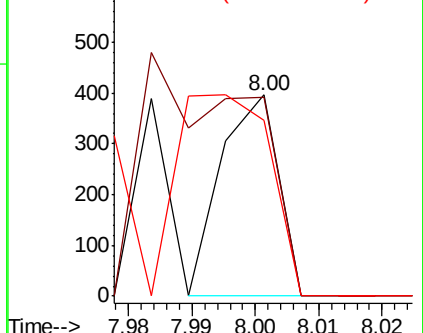
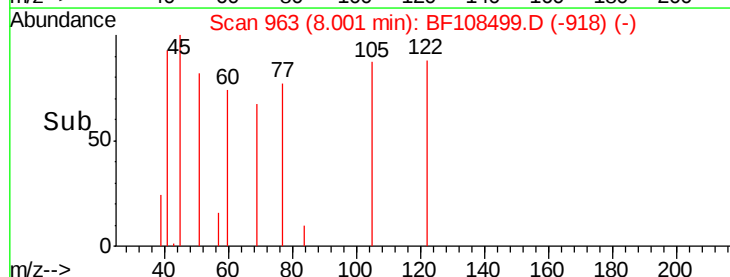
77 87.4 70.7 110.7

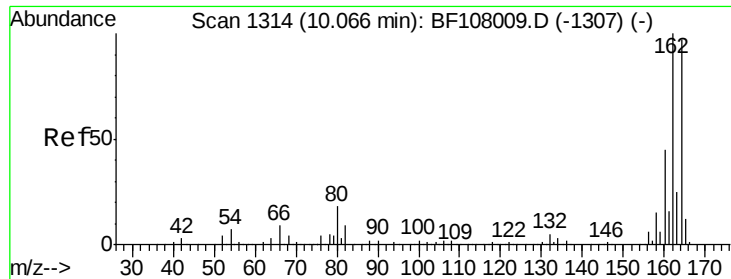


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

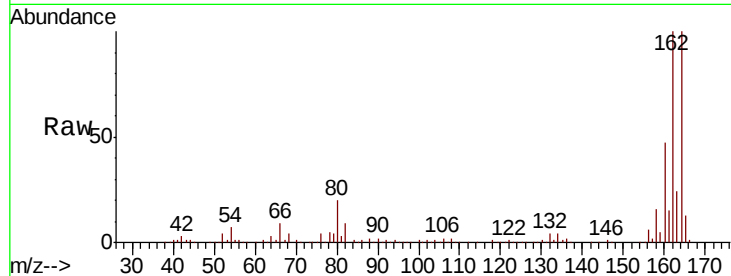




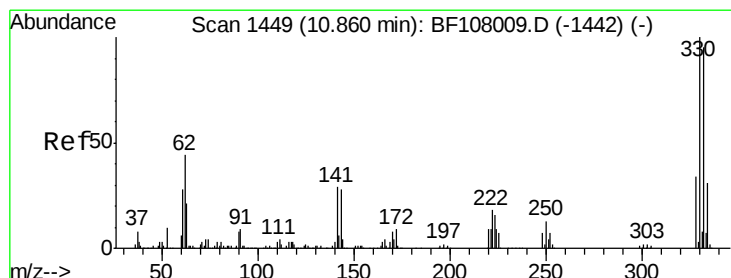
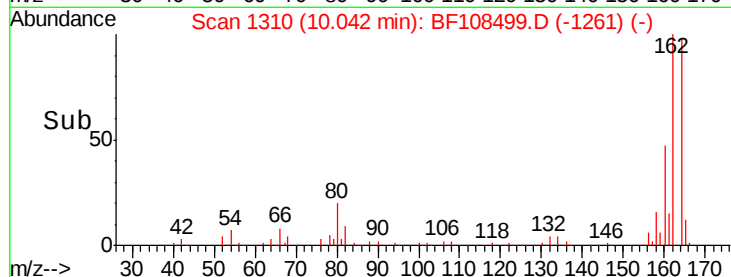
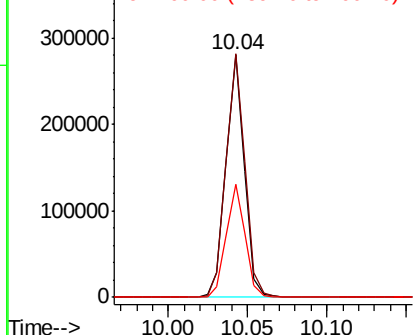
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF108499.D
 Acq: 27 Aug 2018 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 226416
 Ion Ratio Lower Upper
 164 100
 162 100.2 86.1 129.1
 160 46.8 38.3 57.5

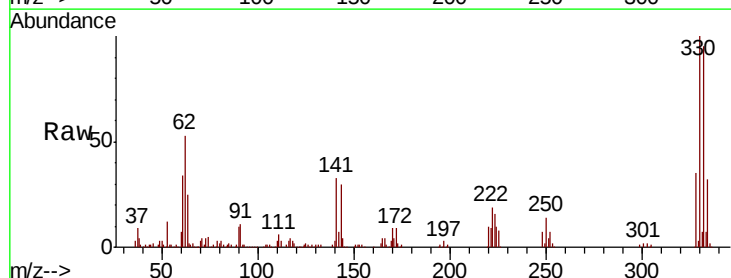


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

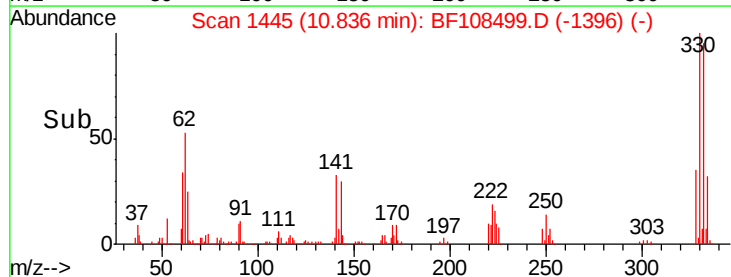
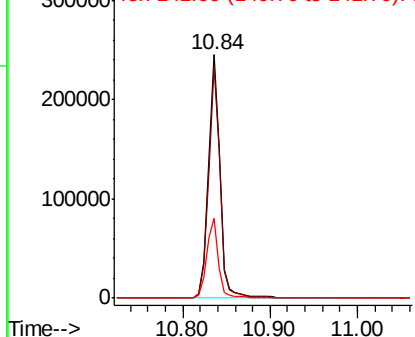


#41
 2,4,6-Tribromophenol
 Concen: 100.430 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108499.D
 Acq: 27 Aug 2018 10:15

Tgt Ion:330 Resp: 226816
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 32.8 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

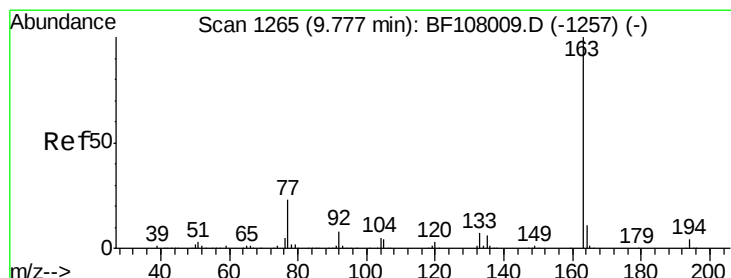
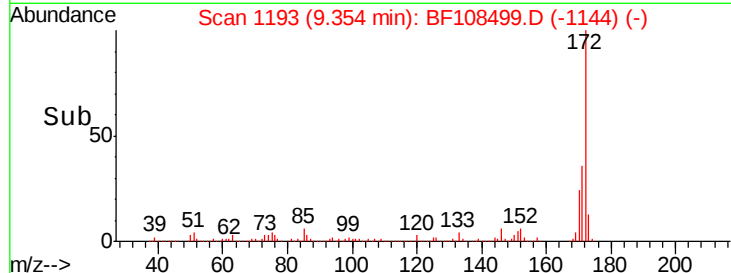
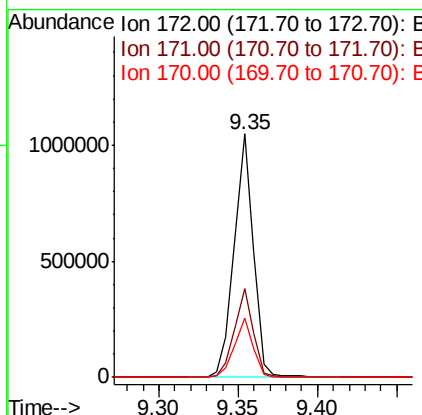
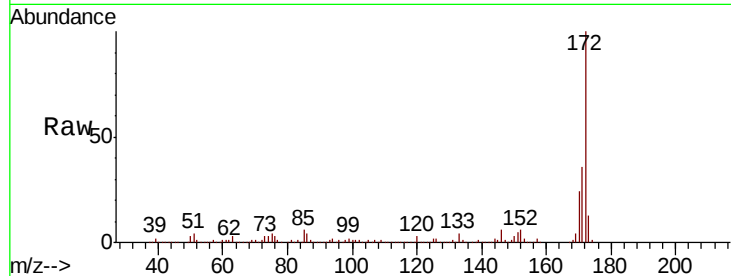




#44
2-Fluorobiphenyl
Concen: 63.328 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108499.D
Acq: 27 Aug 2018 10:15

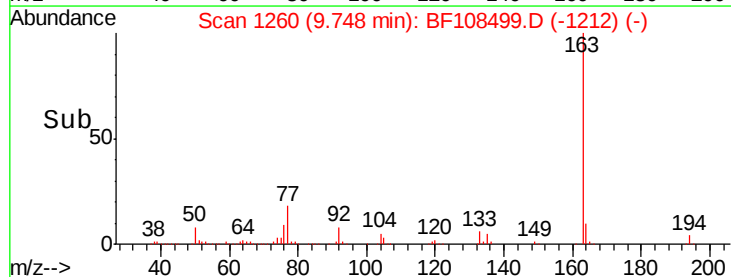
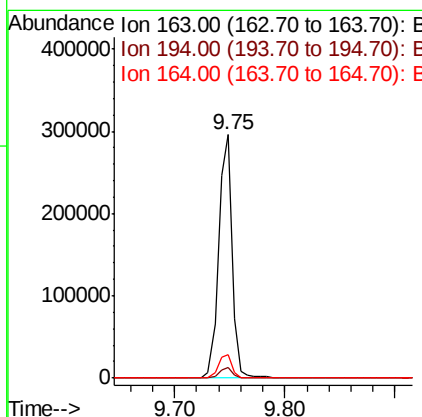
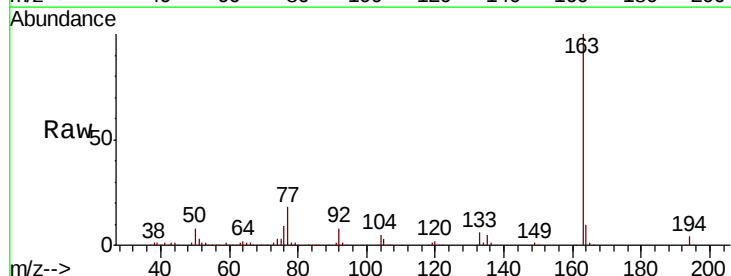
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4



#49
Dimethylphthalate
Concen: 15.902 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108499.D
Acq: 27 Aug 2018 10:15

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

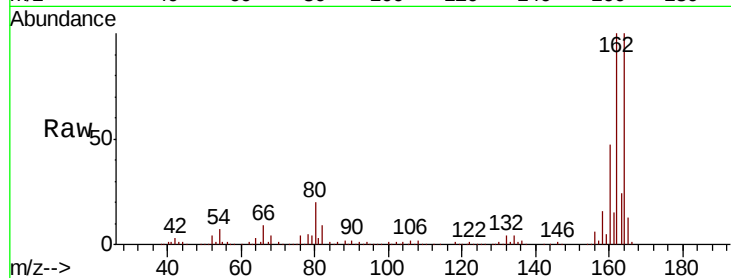




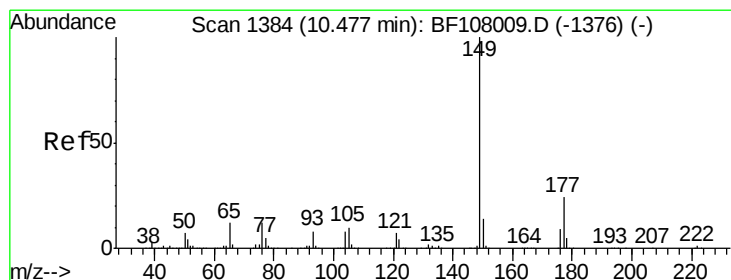
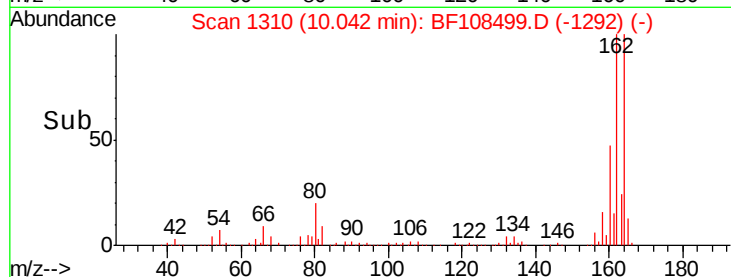
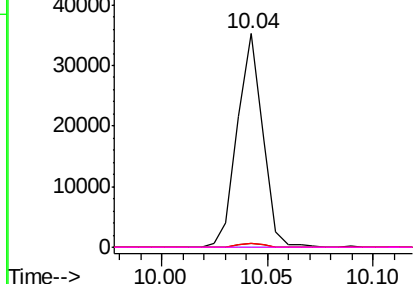
#56
2,4-Dinitrotoluene
Concen: 6.858 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.19 min
Lab File: BF108499.D
Acq: 27 Aug 2018 10:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	29129
Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

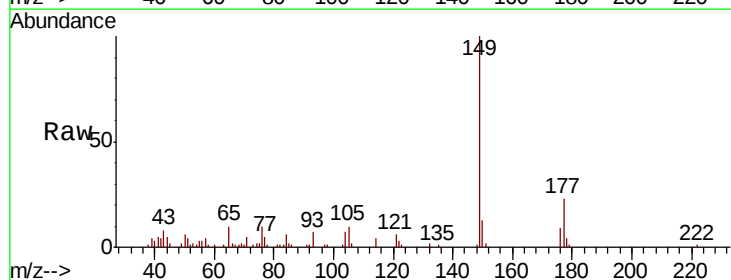


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

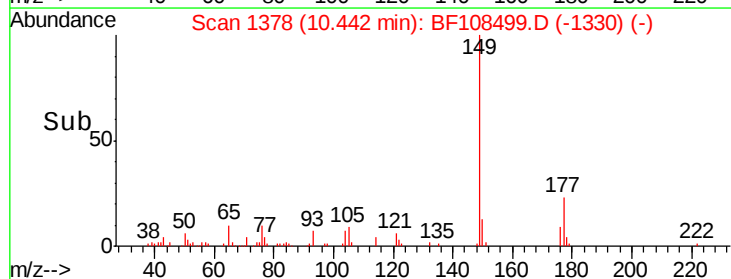
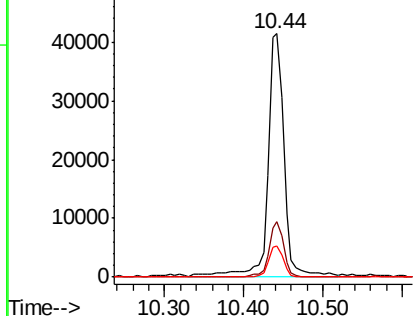


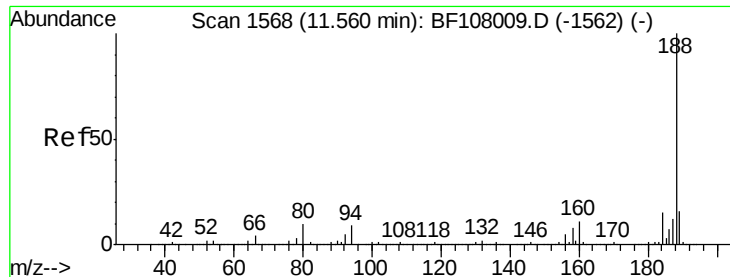
#59
Diethylphthalate
Concen: 3.916 ng
RT: 10.44 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BF108499.D
Acq: 27 Aug 2018 10:15

Tgt Ion:	149	Resp:	59814
Ion	Ratio	Lower	Upper
149	100		
177	22.9	16.1	24.1
150	12.6	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

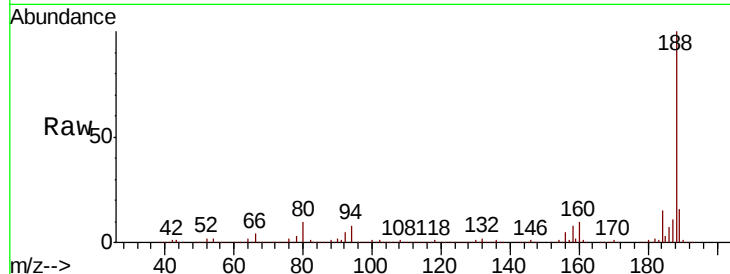




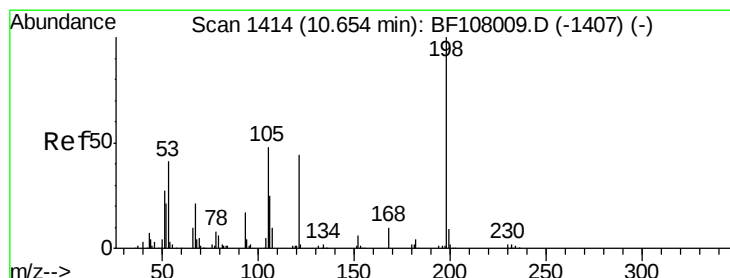
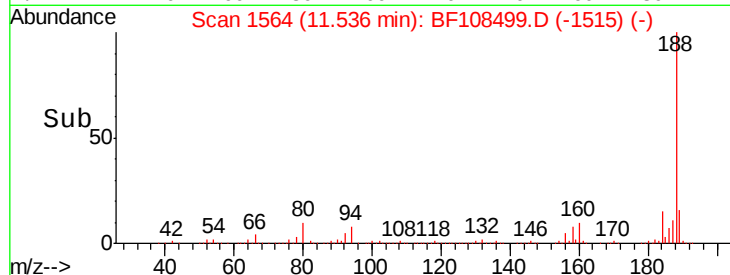
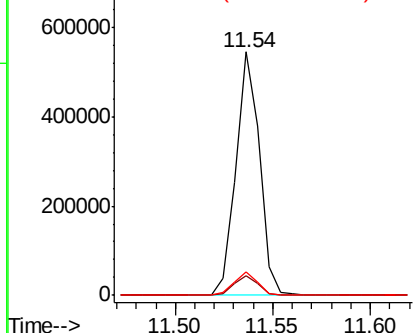
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108499.D
 Acq: 27 Aug 2018 10:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 457838
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.5 12.7#
 80 9.7 9.2 13.8

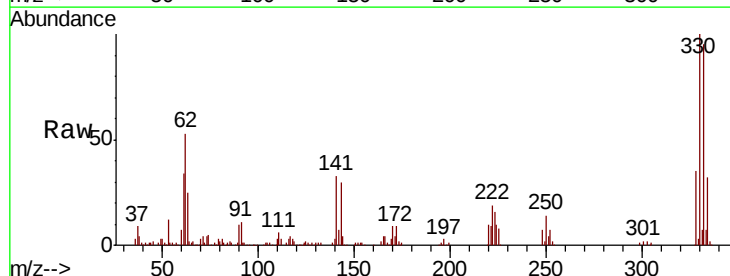


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

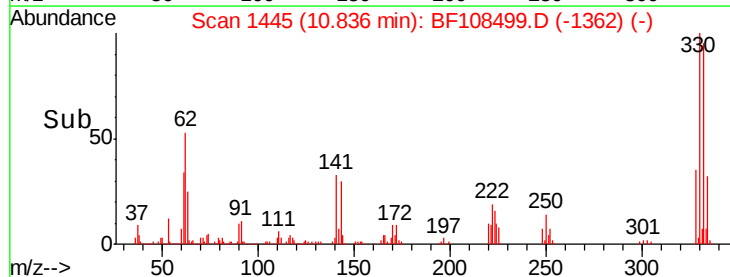
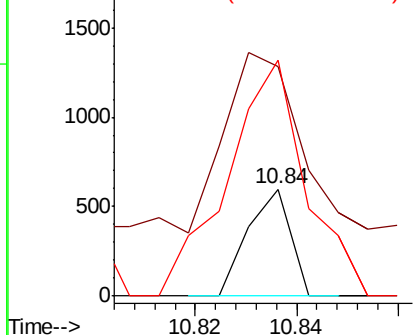


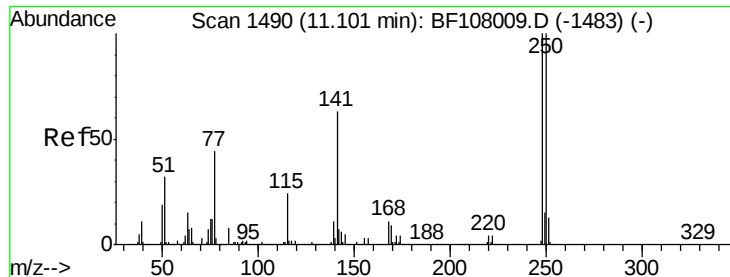
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.539 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. 0.19 min
 Lab File: BF108499.D
 Acq: 27 Aug 2018 10:15

Tgt Ion:198 Resp: 349
 Ion Ratio Lower Upper
 198 100
 51 213.7 37.7 77.7#
 105 219.9 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

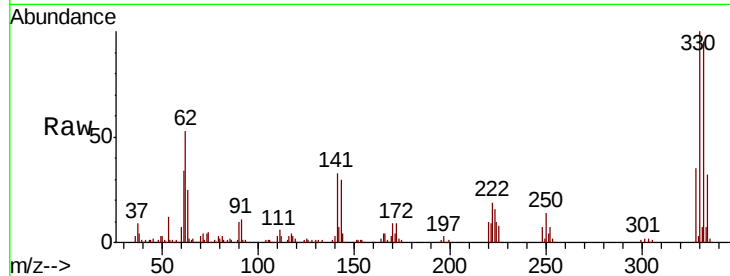




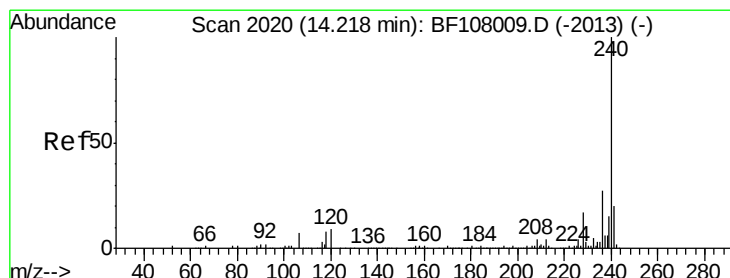
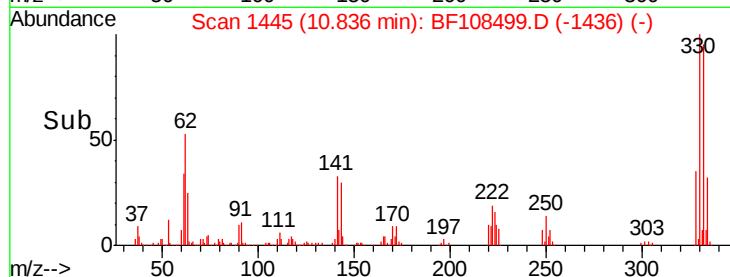
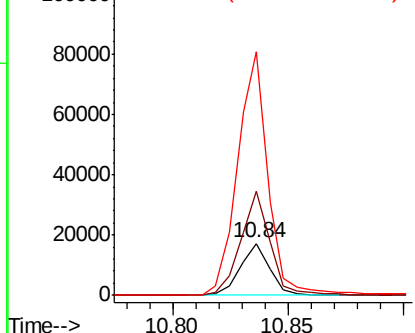
#66
4-Bromophenyl-phenylether
Concen: 3.033 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108499.D
Acq: 27 Aug 2018 10:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15092
Ion Ratio Lower Upper
248 100
250 200.4 76.9 115.3#
141 468.0 74.4 111.6#

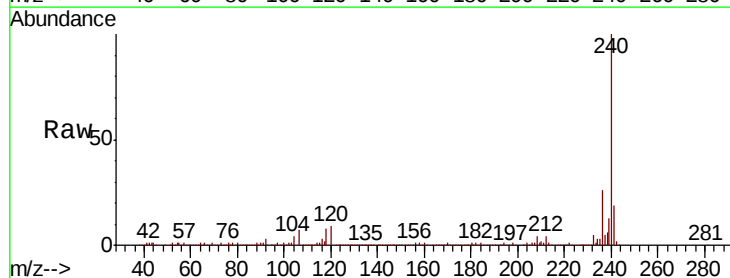


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

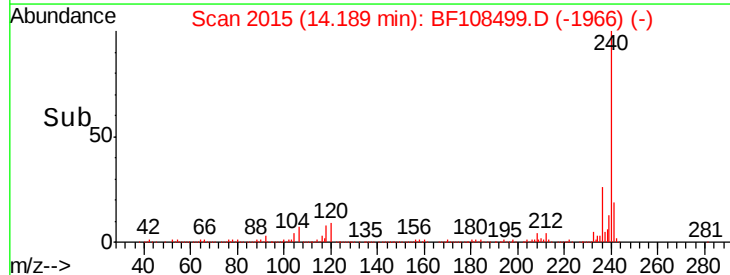
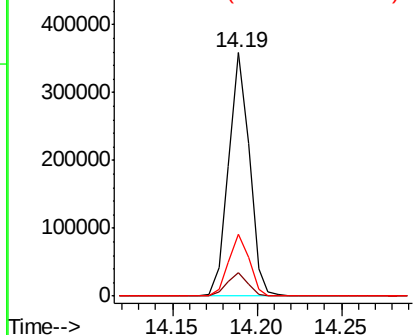


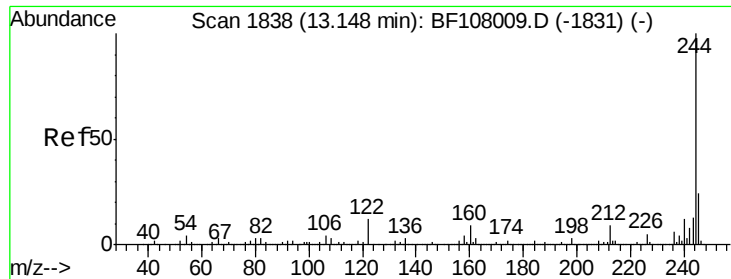
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108499.D
Acq: 27 Aug 2018 10:15

Tgt Ion:240 Resp: 307607
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3#
236 25.6 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: 78.340 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

Instrument :

BNA_F

ClientSampleId :

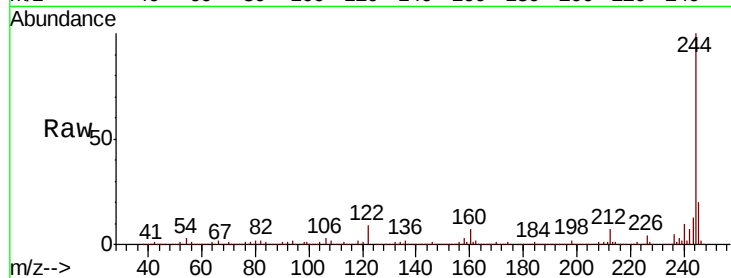
Tot Ion:244 Resp: 947780

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

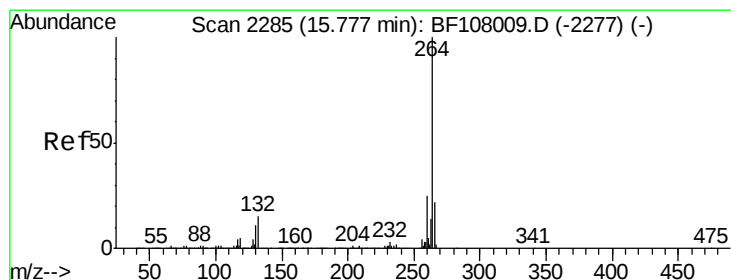
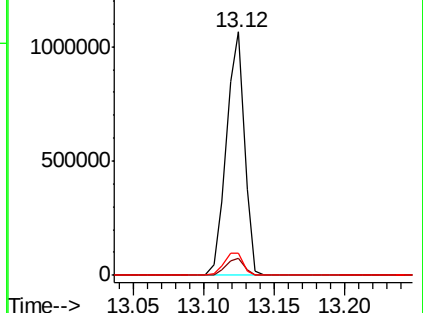
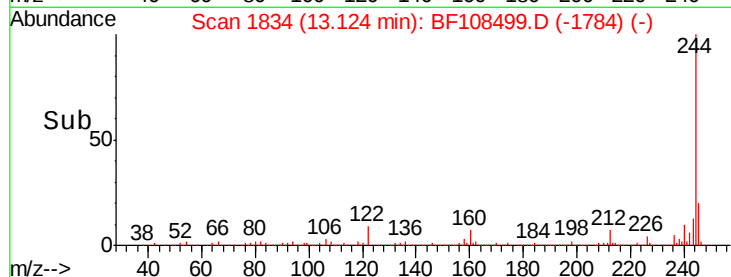
122 9.0 11.0 16.4#



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: 15.74 min Scan# 2279

Delta R.T. -0.02 min

Lab File: BF108499.D

Acq: 27 Aug 2018 10:15

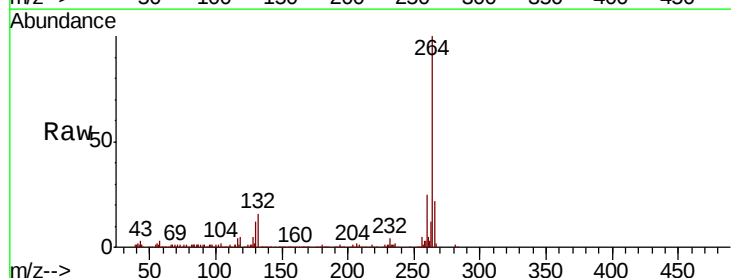
Tgt Ion:264 Resp: 275927

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 22.3 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

