

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
 Data File : BF108375.D
 Acq On : 22 Aug 2018 8:55
 Operator : JU/SJ
 Sample : J4549-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 10:54:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 15:20:21 2018
 Response via : Initial Calibration

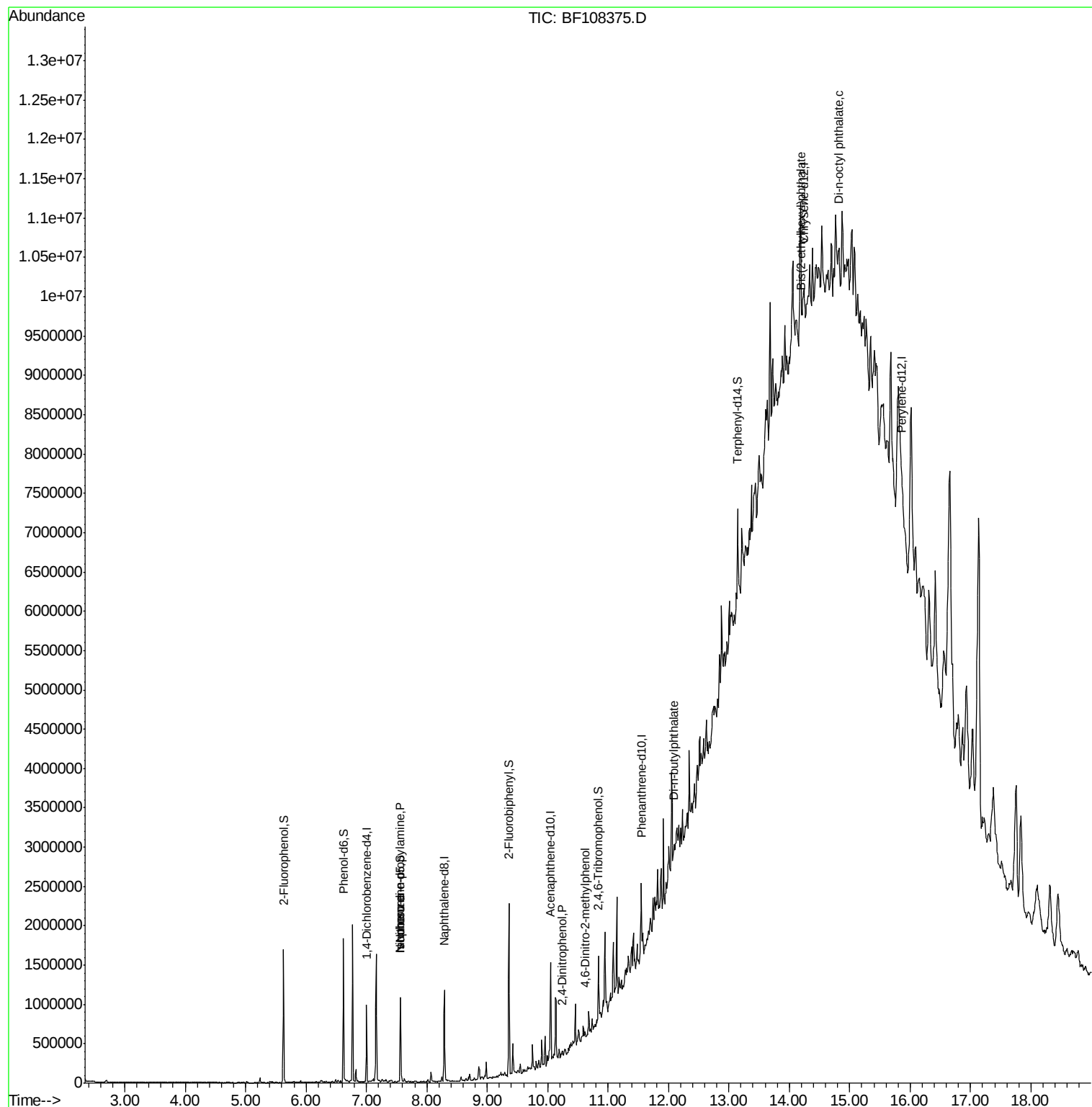
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	135010	20.00	ng	-0.01
21) Naphthalene-d8	8.29	136	476698	20.00	ng	-0.01
38) Acenaphthene-d10	10.05	164	192960	20.00	ng	-0.02
63) Phenanthrene-d10	11.55	188	314938	20.00	ng	-0.01
75) Chrysene-d12	14.24	240	182479	20.00	ng	0.02
86) Perylene-d12	15.87	264	145899	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	419189	56.21	ng	0.00
7) Phenol-d6	6.62	99	558916	56.40	ng	-0.01
23) Nitrobenzene-d5	7.57	82	345619	40.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	92137	47.87	ng	-0.02
44) 2-Fluorobiphenyl	9.36	172	592495	49.30	ng	-0.02
78) Terphenyl-d14	13.15	244	421599	58.74	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	47808	7.134	ng	# 80
25) Isophorone	7.57	82	344053	21.130	ng	# 64
53) 2,4-Dinitrophenol	10.24	184	485	7.441	ng	# 30
64) 4,6-Dinitro-2-methylphenol	10.62	198	457	5.702	ng	# 1
73) Di-n-butylphthalate	12.10	149	76308	4.980	ng	# 87
83) Bis(2-ethylhexyl)phthalate	14.19	149	816640	131.457	ng	# 94
84) Di-n-octyl phthalate	14.82	149	334777	35.335	ng	# 39

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108375.D
Acq On : 22 Aug 2018 8:55
Operator : JU/SJ
Sample : J4549-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 22 10:54:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration



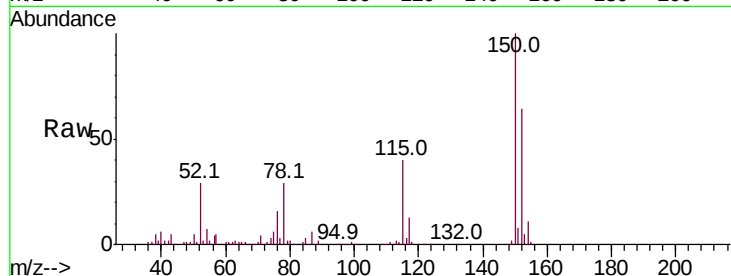


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108375.D
Acq: 22 Aug 2018 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	62.9	50.1	75.1

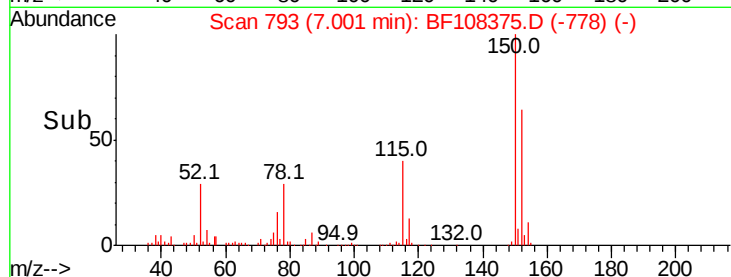
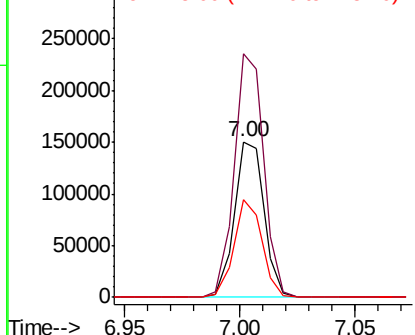


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

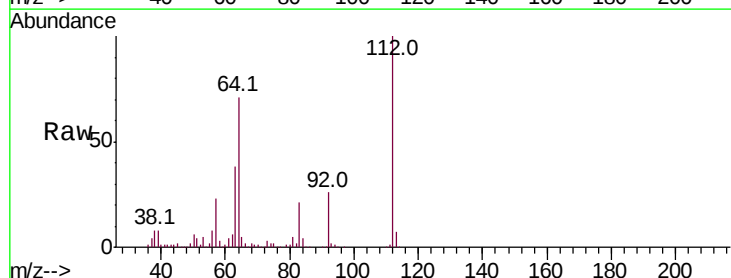
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 56.212 ng
RT: 5.63 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF108375.D
Acq: 22 Aug 2018 8:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	47.9	71.9
63	37.8	23.7	35.5#

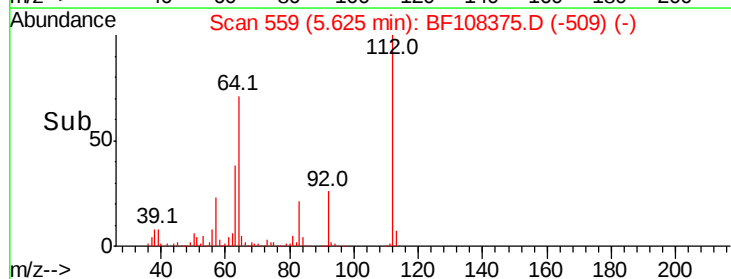
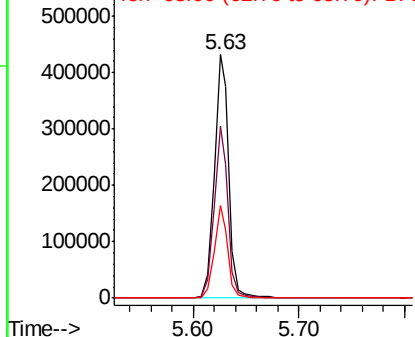


Abundance

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: 56.401 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF108375.D

Acq: 22 Aug 2018 8:55

Instrument :

BNA_F

ClientSampleId :

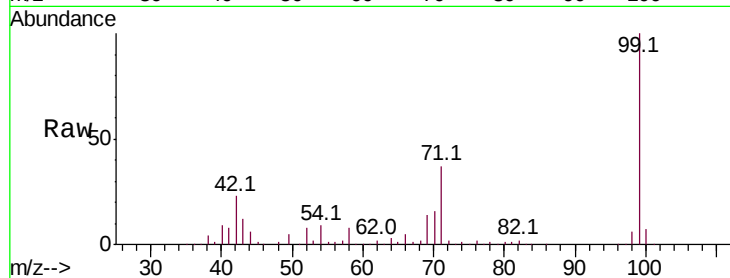
Tot Ion: 99 Resp: 558916

Ion Ratio Lower Upper

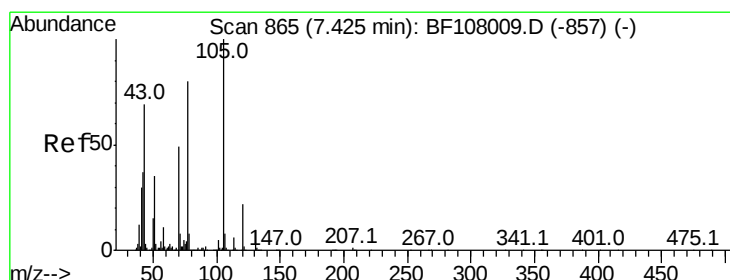
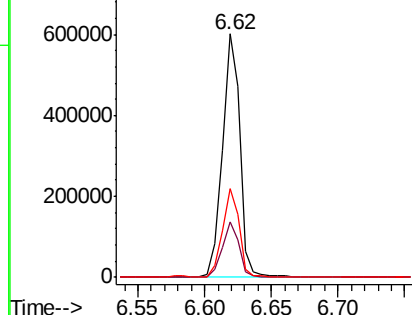
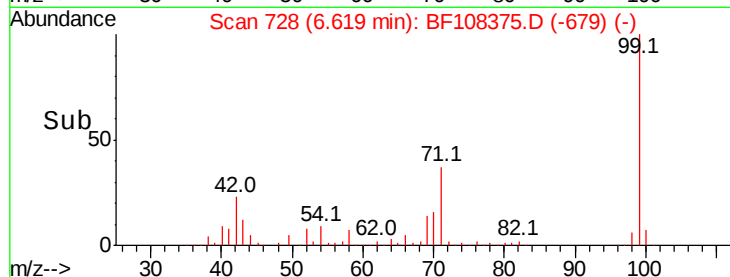
99 100

42 23.0 14.5 21.7#

71 36.6 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: 7.134 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.14 min

Lab File: BF108375.D

Acq: 22 Aug 2018 8:55

Tgt Ion: 70 Resp: 47808

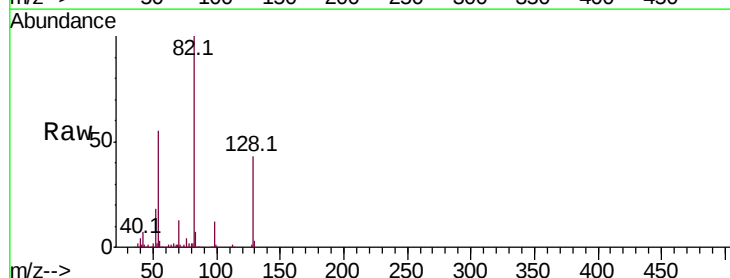
Ion Ratio Lower Upper

70 100

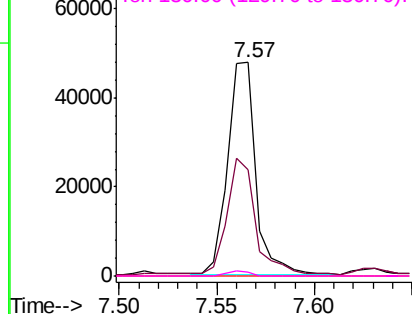
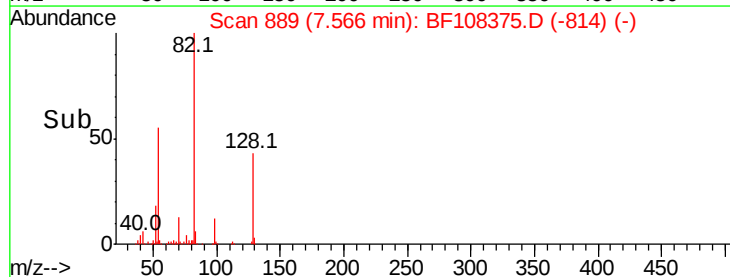
42 50.0 47.5 71.3

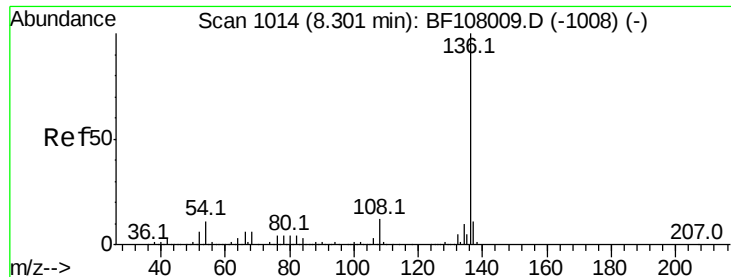
101 0.0 7.4 11.2#

130 2.0 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

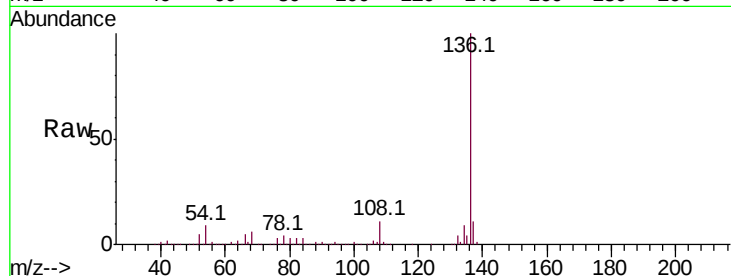




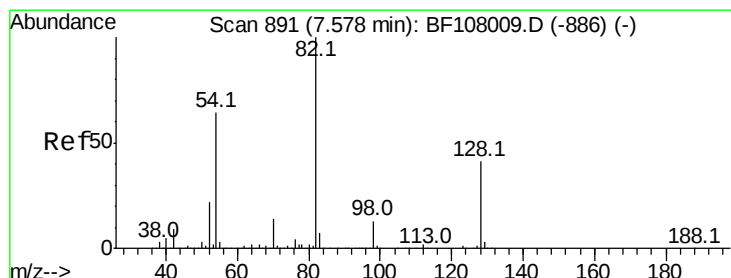
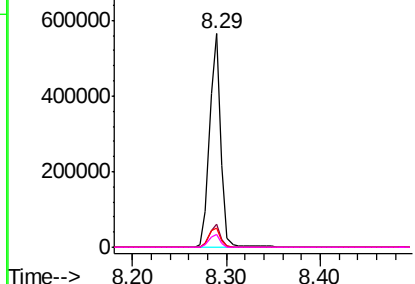
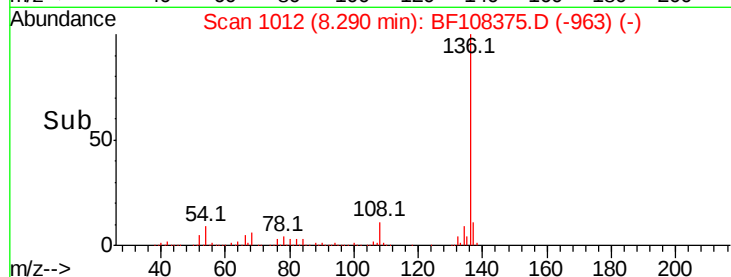
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF108375.D
Acq: 22 Aug 2018 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	476698
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	9.3	6.6 9.8
68	5.9	5.0 7.4

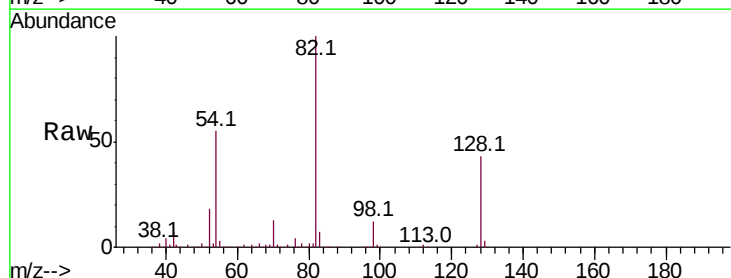


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

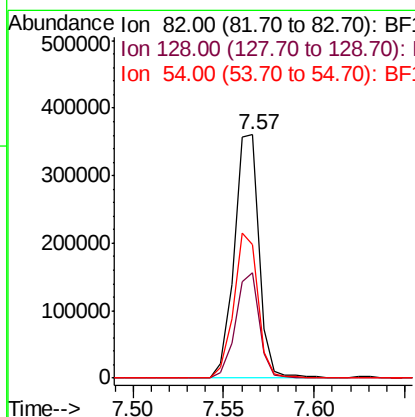
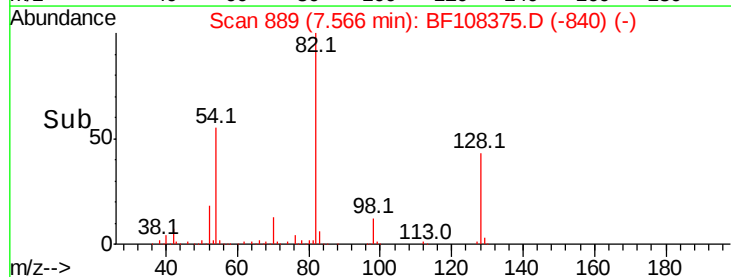


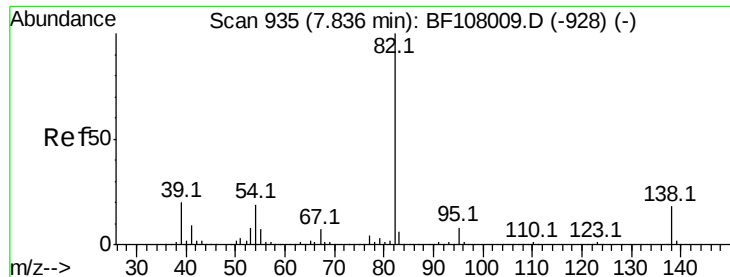
#23
Nitrobenzene-d5
Concen: 40.458 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108375.D
Acq: 22 Aug 2018 8:55

Tgt Ion: 82	Resp:	345619
Ion	Ratio	Lower Upper
82	100	
128	43.5	36.1 54.1
54	55.0	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

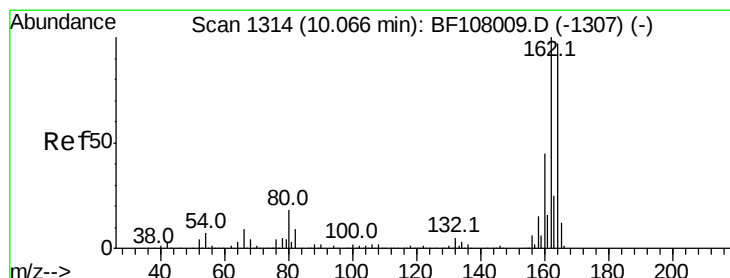
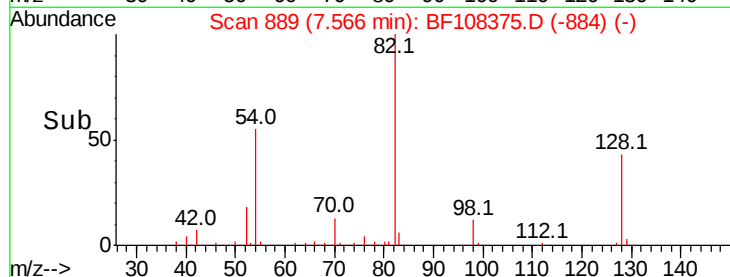
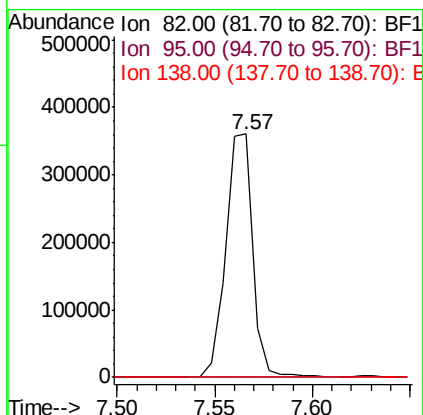
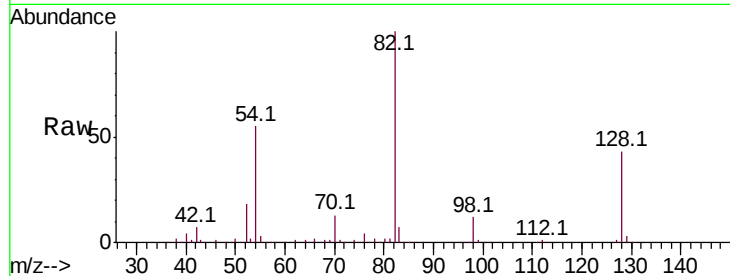




#25
Isophorone
Concen: 21.130 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.27 min
Lab File: BF108375.D
Acq: 22 Aug 2018 8:55

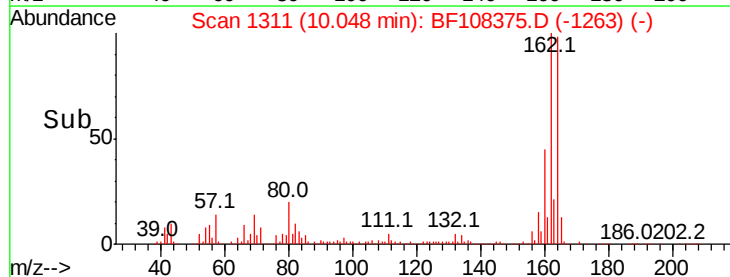
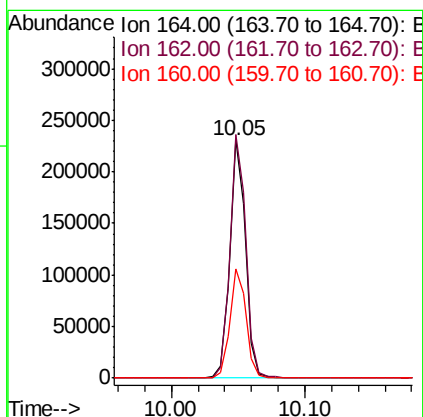
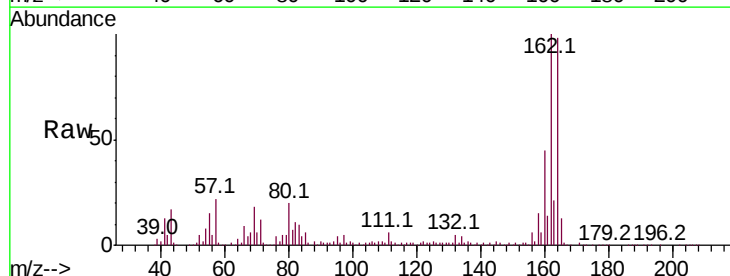
Instrument :
BNA_F
ClientSampleId :

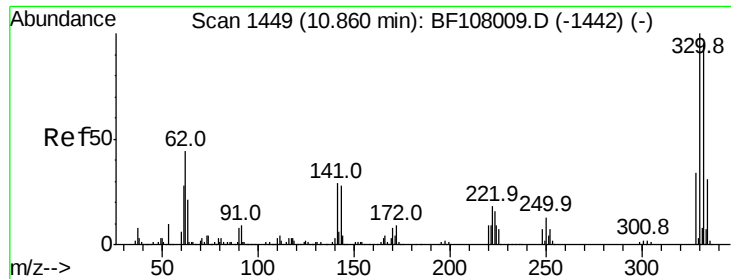
Tot Ion: 82 Resp: 344053
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.05 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BF108375.D
Acq: 22 Aug 2018 8:55

Tgt Ion:164 Resp: 192960
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 45.9 38.3 57.5

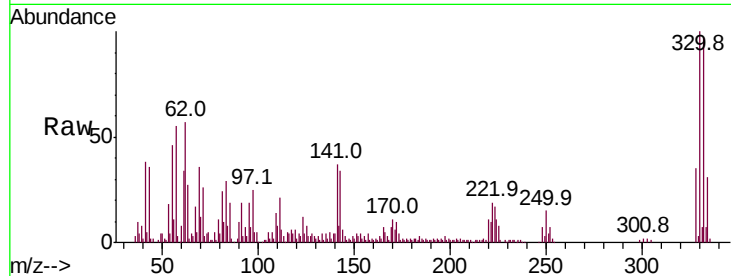




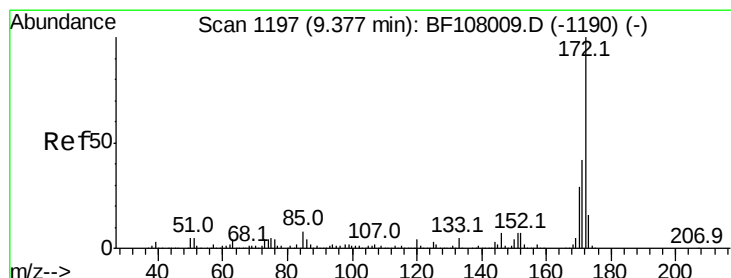
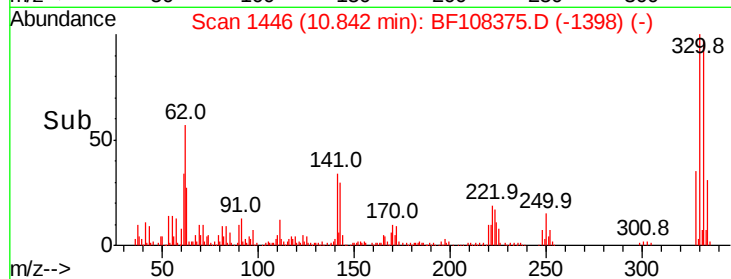
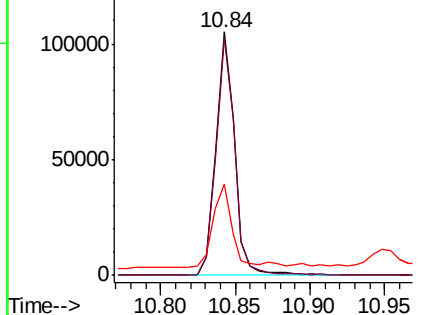
#41
 2,4,6-Tribromophenol
 Concen: 47.870 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BF108375.D
 Acq: 22 Aug 2018 8:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	34.1	29.9	44.9

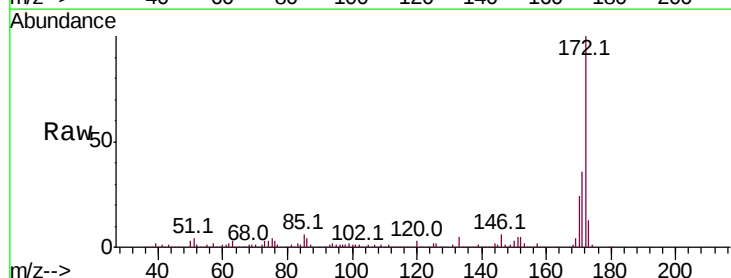


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

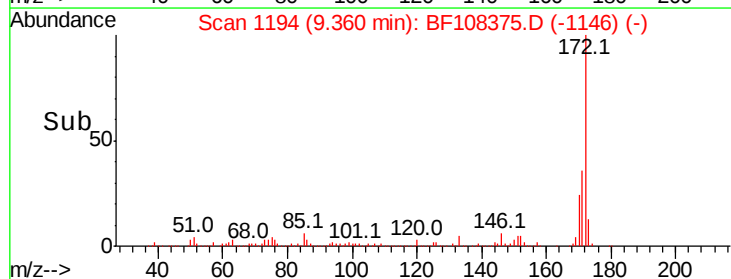
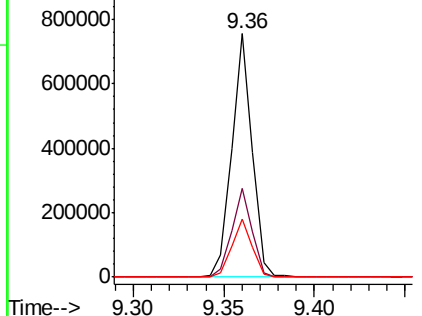


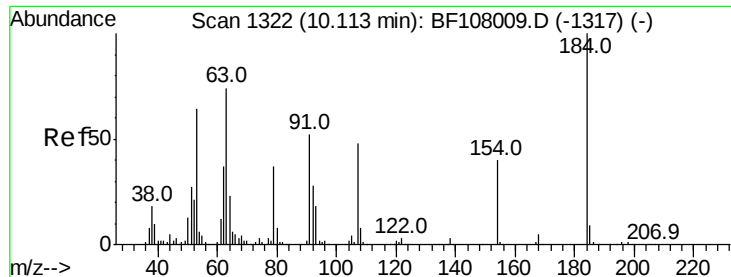
#44
 2-Fluorobiphenyl
 Concen: 49.297 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. -0.02 min
 Lab File: BF108375.D
 Acq: 22 Aug 2018 8:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.8	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

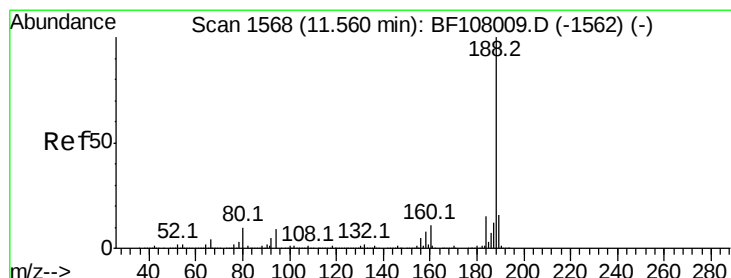
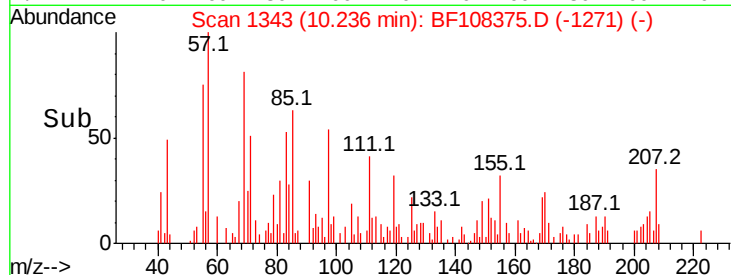
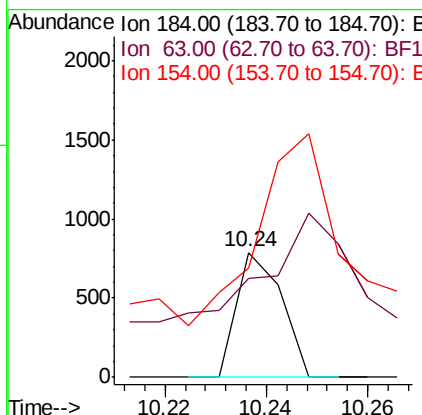
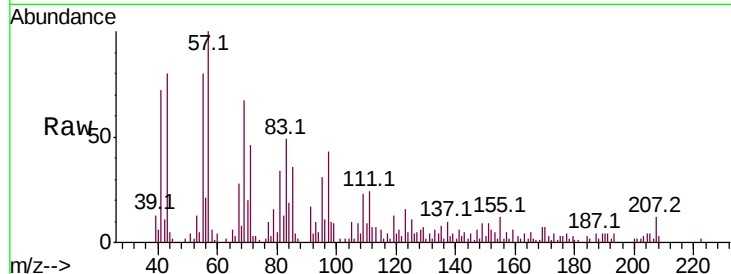




#53
 2,4-Dinitrophenol
 Concen: 7.441 ng
 RT: 10.24 min Scan# 1343
 Delta R.T. 0.12 min
 Lab File: BF108375.D
 Acq: 22 Aug 2018 8:55

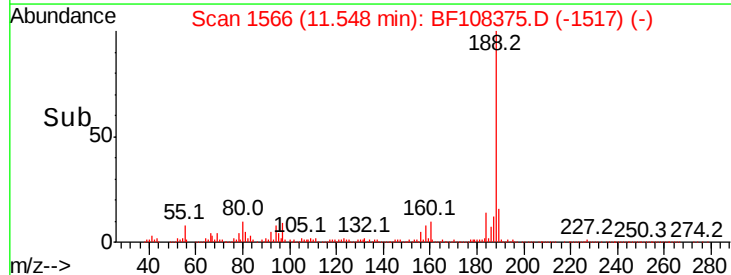
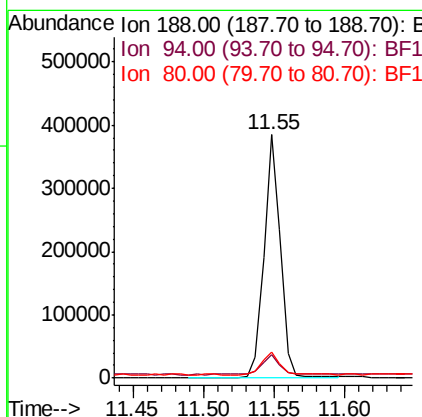
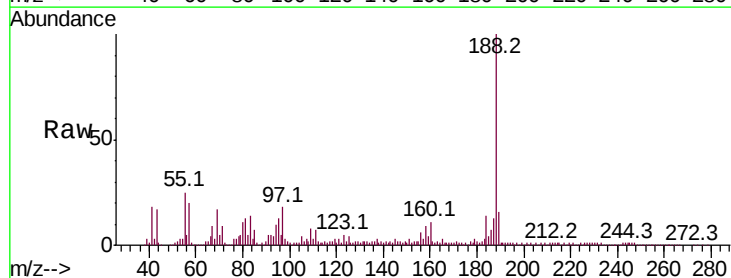
Instrument :
 BNA_F
 ClientSampled :

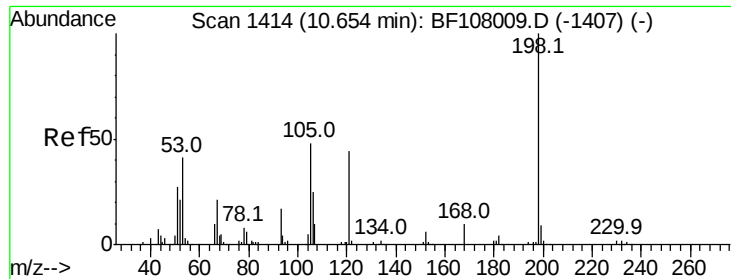
Tot Ion:184 Resp: 485
 Ion Ratio Lower Upper
 184 100
 63 79.4 54.2 81.2
 154 87.0 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF108375.D
 Acq: 22 Aug 2018 8:55

Tgt Ion:188 Resp: 314938
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.8 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.702 ng

RT: 10.62 min Scan# 1408

Delta R.T. -0.03 min

Lab File: BF108375.D

Acq: 22 Aug 2018 8:55

Instrument :

BNA_F

ClientSampleId :

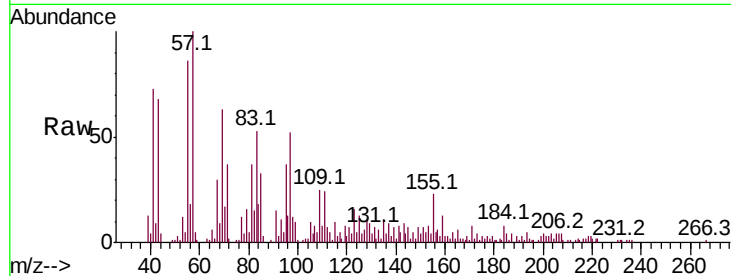
Tot Ion:198 Resp: 457

Ion Ratio Lower Upper

198 100

51 224.4 37.7 77.7#

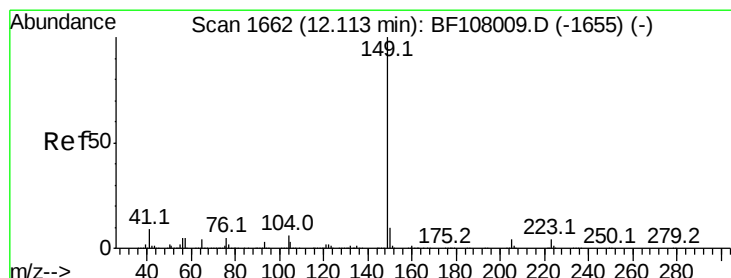
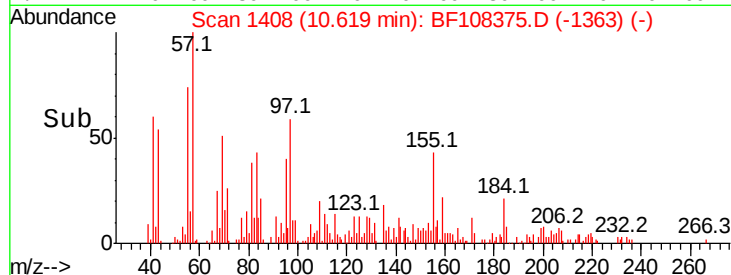
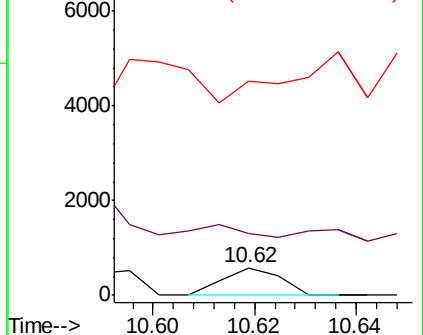
105 780.3 36.3 76.3#



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



#73

Di-n-butylphthalate

Concen: 4.980 ng

RT: 12.10 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF108375.D

Acq: 22 Aug 2018 8:55

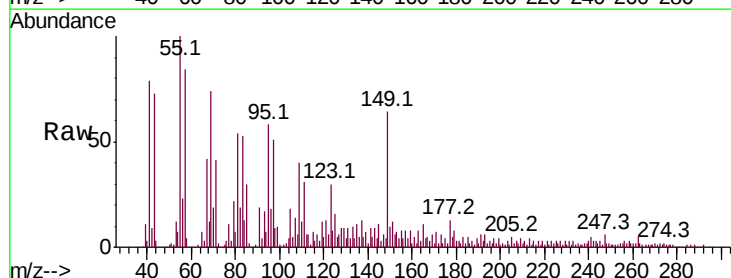
Tgt Ion:149 Resp: 76308

Ion Ratio Lower Upper

149 100

150 15.7 7.8 11.6#

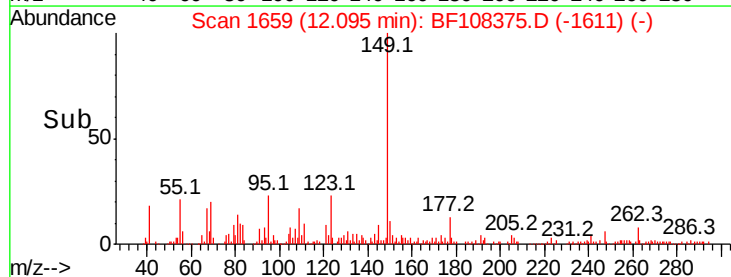
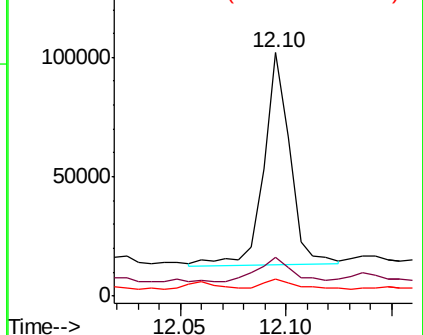
104 6.9 3.8 5.8#

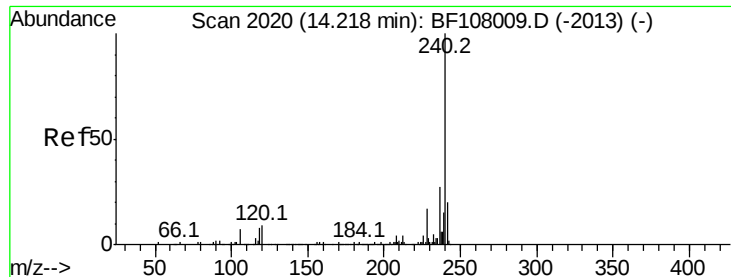


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.24 min Scan# 2023

Delta R.T. 0.02 min

Lab File: BF108375.D

Acq: 22 Aug 2018 8:55

Instrument :

BNA_F

ClientSampled :

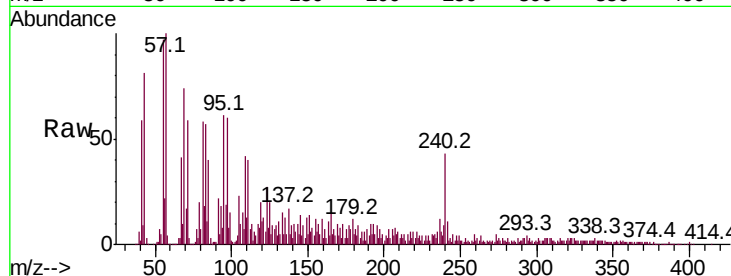
Tot Ion:240 Resp: 182479

Ion Ratio Lower Upper

240 100

120 25.8 9.5 14.3#

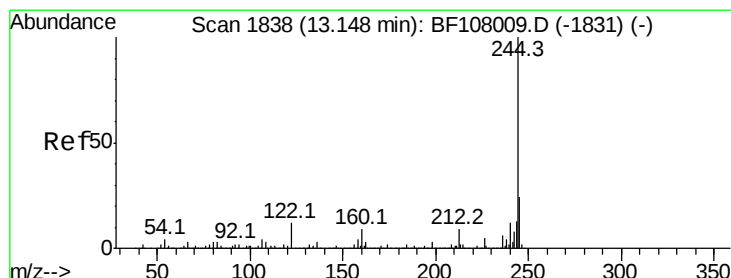
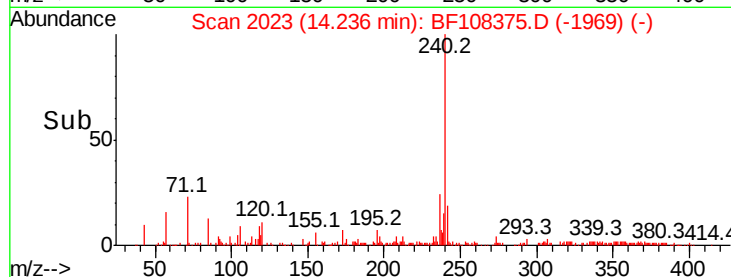
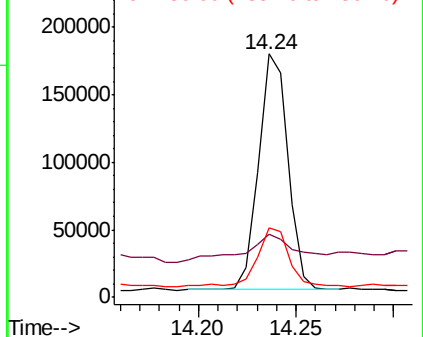
236 28.5 20.7 31.1



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: 58.743 ng

RT: 13.15 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF108375.D

Acq: 22 Aug 2018 8:55

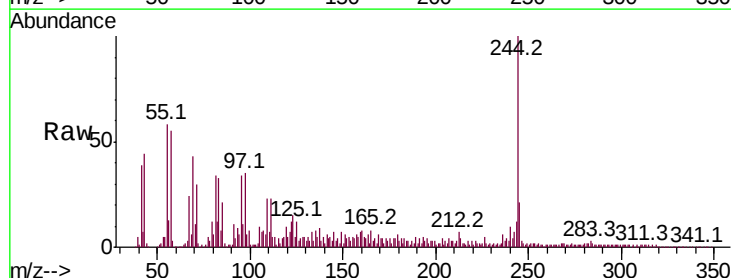
Tgt Ion:244 Resp: 421599

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.0

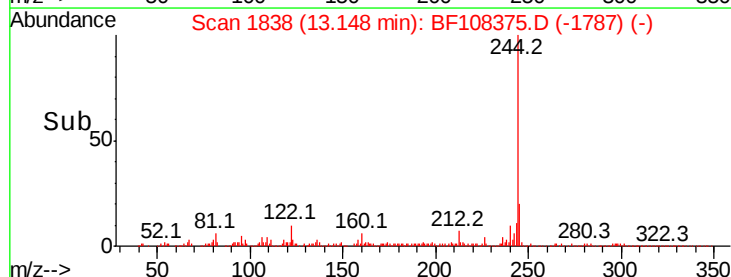
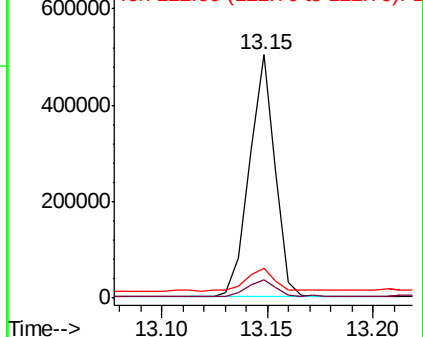
122 12.5 11.0 16.4

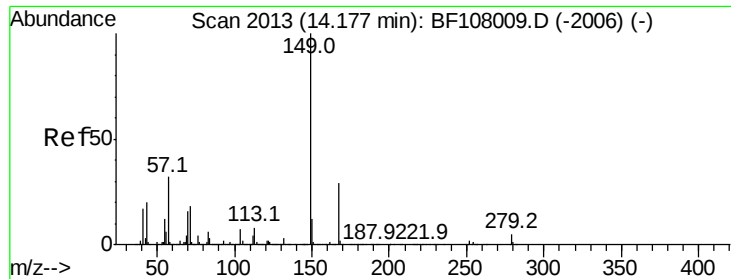


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

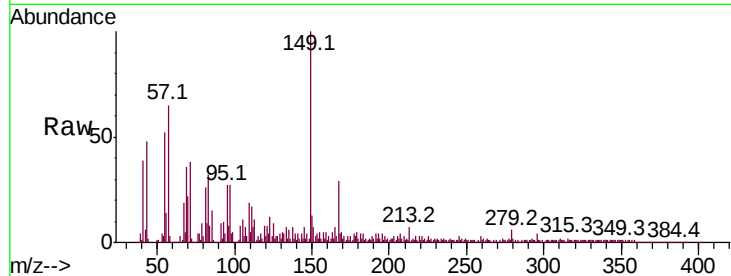




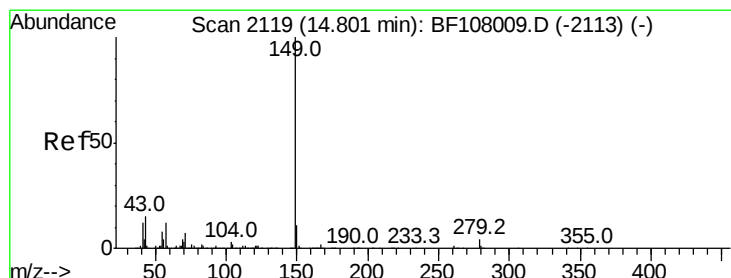
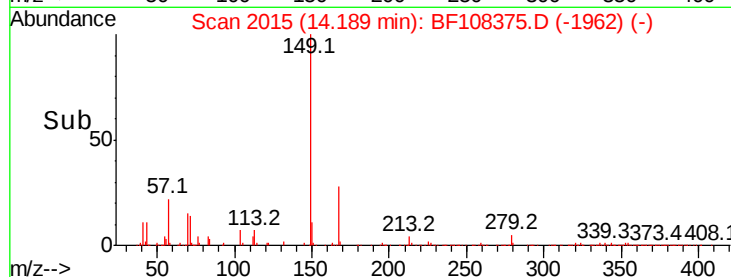
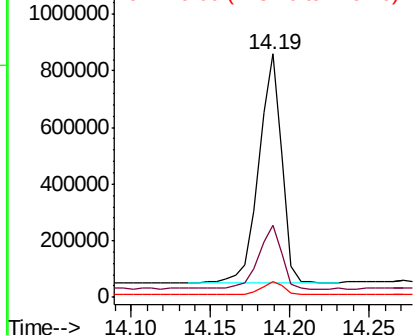
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 131.457 ng
 RT: 14.19 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF108375.D
 Acq: 22 Aug 2018 8:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	29.4	21.3	31.9
279	6.2	3.0	4.4

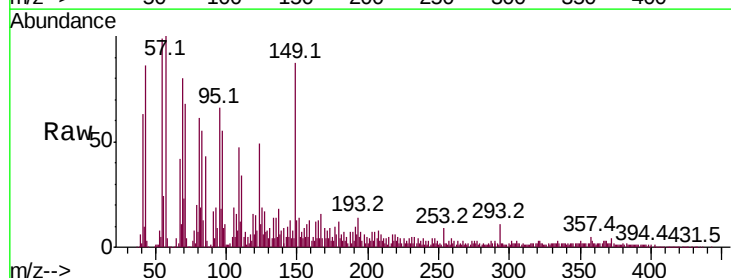


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

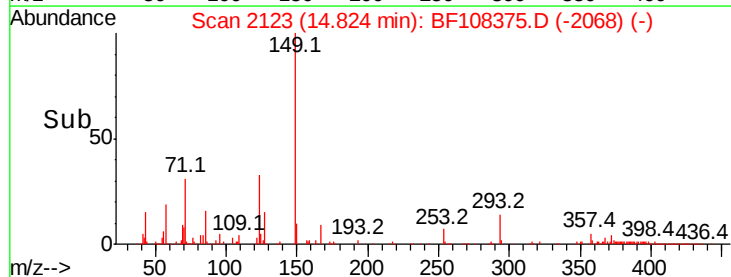
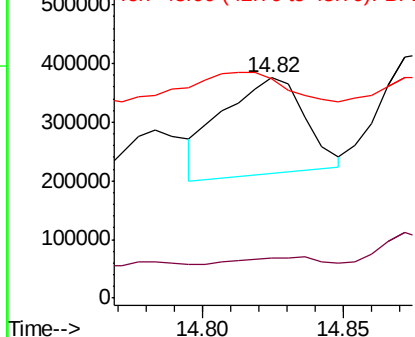


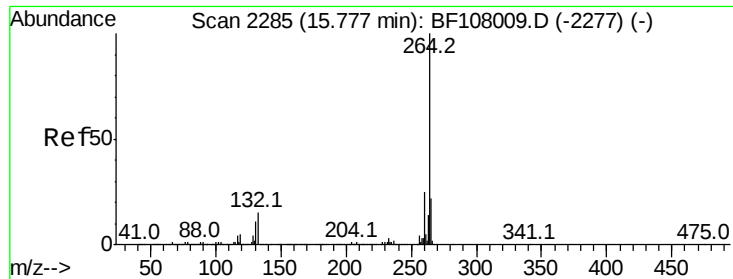
#84
 Di-n-octyl phthalate
 Concen: 35.335 ng
 RT: 14.82 min Scan# 2123
 Delta R.T. 0.02 min
 Lab File: BF108375.D
 Acq: 22 Aug 2018 8:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	19.7	1.2	1.8
43	34.1	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

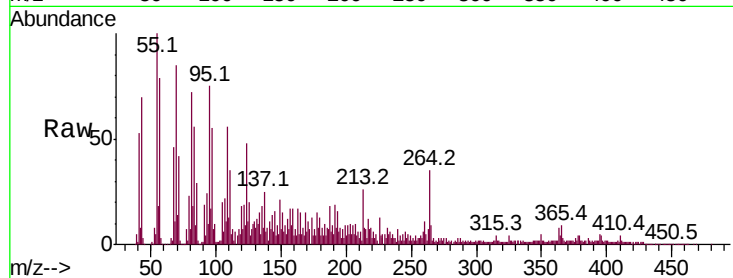




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.87 min Scan# 2301
Delta R.T. 0.09 min
Lab File: BF108375.D
Acq: 22 Aug 2018 8:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	31.1	19.2	28.8#
265	26.9	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

