

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107494.D
 Acq On : 19 Jul 2018 4:56
 Operator : JU/SJ
 Sample : J4027-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 19 05:25:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	106785	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	369021	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	187779	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	318847	20.00	ng	0.00
75) Chrysene-d12	14.17	240	269668	20.00	ng	-0.01
86) Perylene-d12	15.71	264	255067	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	563294	80.11	ng	0.00
7) Phenol-d6	6.61	99	699510	76.95	ng	0.00
23) Nitrobenzene-d5	7.55	82	538148	77.76	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	161901	98.13	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	936095	82.84	ng	0.00
78) Terphenyl-d14	13.11	244	787995	72.60	ng	0.00

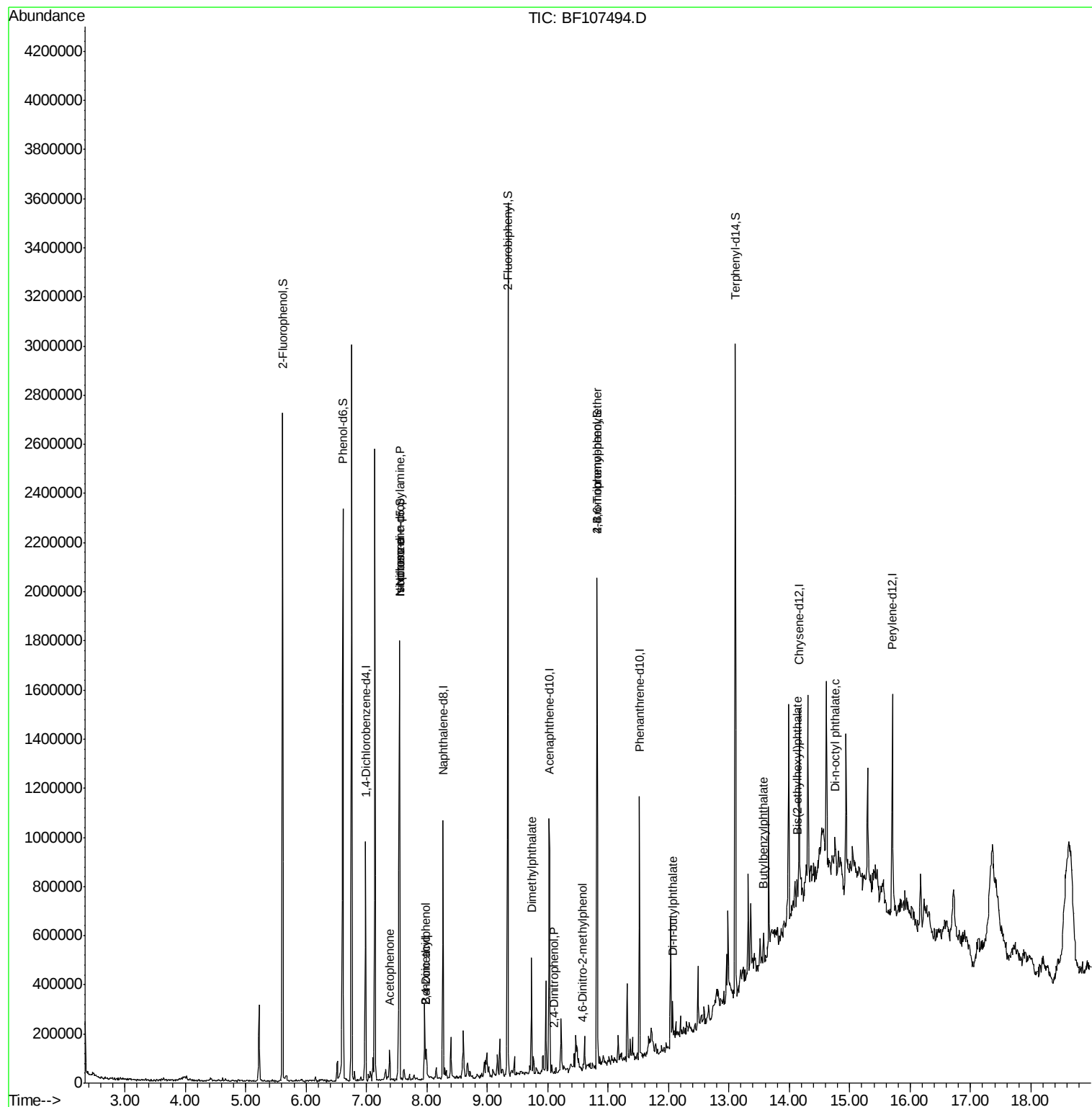
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	82546	12.682	ng	# 72
22) Acetophenone	7.38	105	22353	2.205	ng	# 84
25) Isophorone	7.55	82	536775	39.132	ng	# 64
27) 2,4-Dimethylphenol	7.99	122	11586	2.102	ng	# 6
32) Benzoic acid	7.99	122	11586	3.424	ng	# 91
49) Dimethylphthalate	9.73	163	144743	9.701	ng	# 98
53) 2,4-Dinitrophenol	10.10	184	121	2.424	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.58	198	158	7.567	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	19439	5.329	ng	# 1
73) Di-n-butylphthalate	12.07	149	64793	3.763	ng	# 97
79) Butylbenzylphthalate	13.57	149	23620	3.536	ng	# 81
83) Bis(2-ethylhexyl)phthalate	14.13	149	59854	6.253	ng	# 88
84) Di-n-octyl phthalate	14.75	149	44272	2.975	ng	# 40

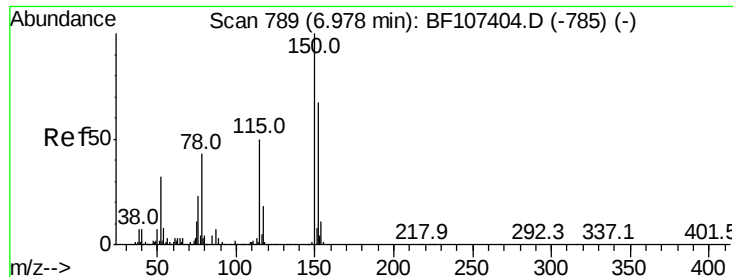
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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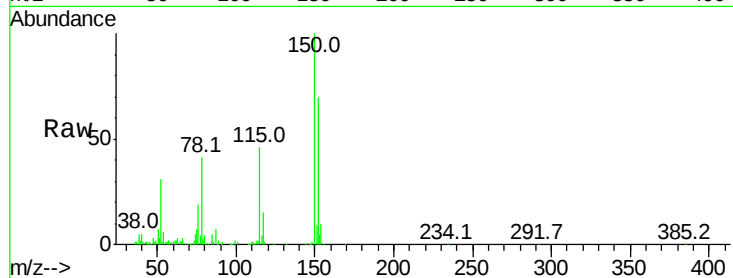


#1

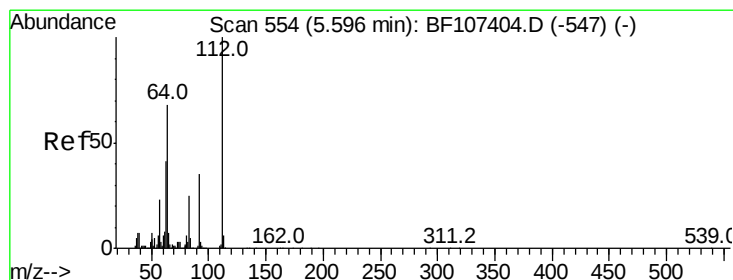
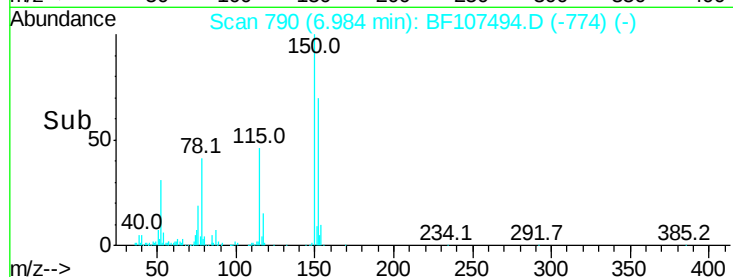
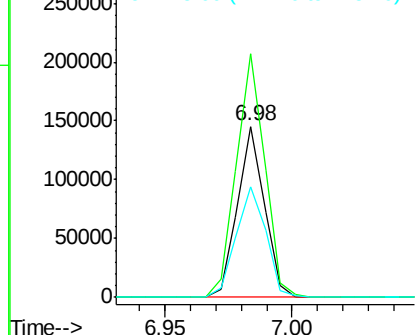
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107494.D
Acq: 19 Jul 2018 4:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.5	124.6	186.8
115	64.9	50.1	75.1



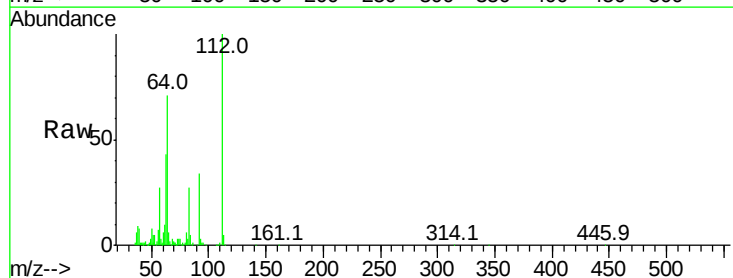
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



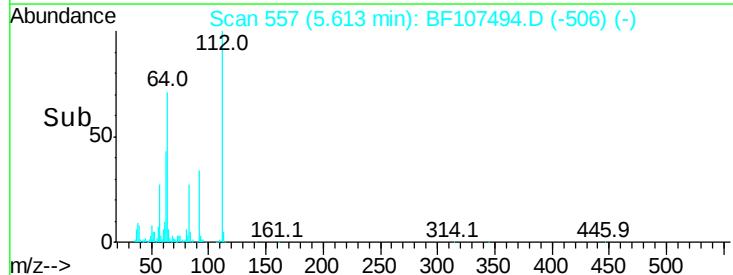
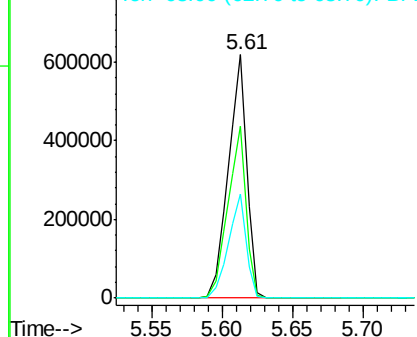
#5

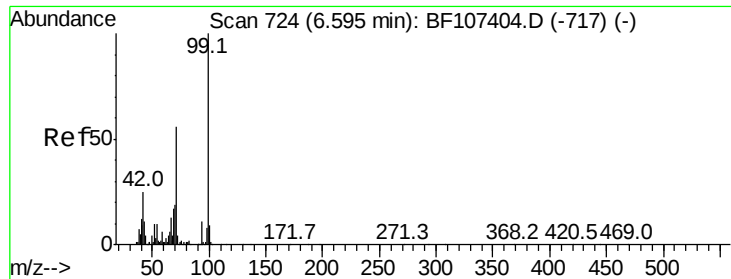
2-Fluorophenol
Concen: 80.114 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.00 min
Lab File: BF107494.D
Acq: 19 Jul 2018 4:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	47.9	71.9
63	43.0	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: 76.950 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

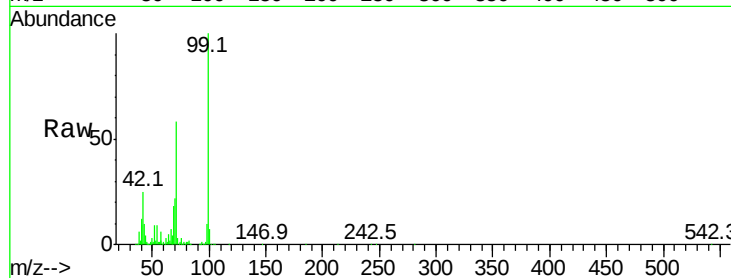
Tot Ion: 99 Resp: 699510

Ion Ratio Lower Upper

99 100

42 24.8 14.5 21.7#

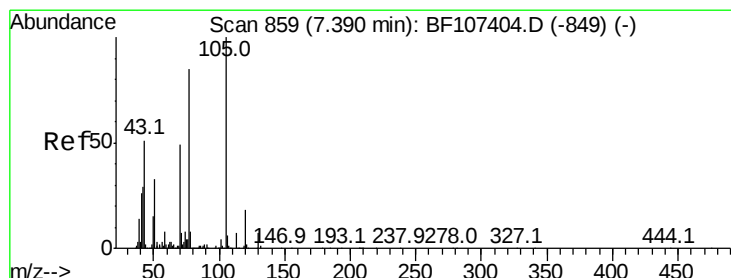
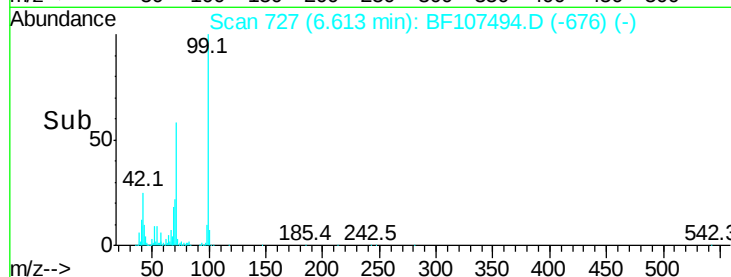
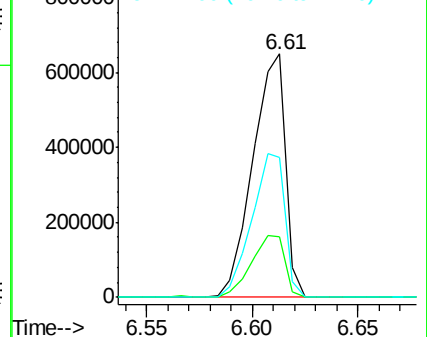
71 57.6 25.4 38.0#



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: 12.682 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Tgt Ion: 70 Resp: 82546

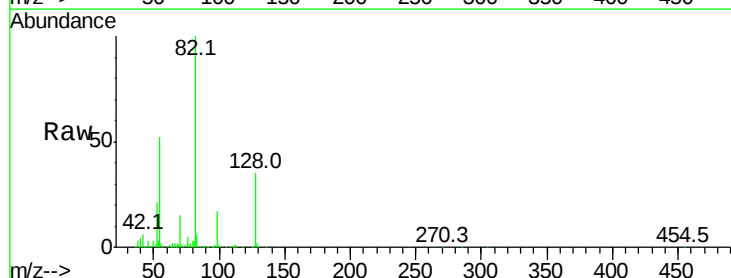
Ion Ratio Lower Upper

70 100

42 40.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

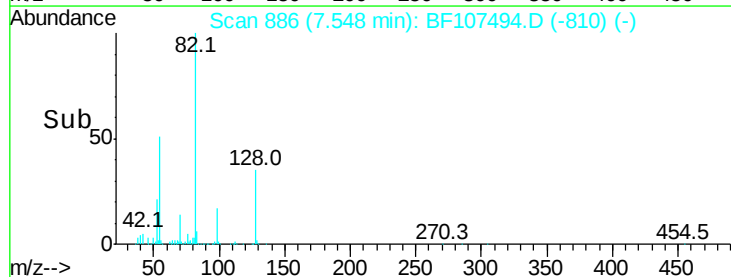
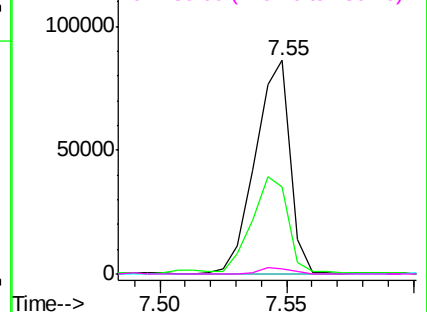


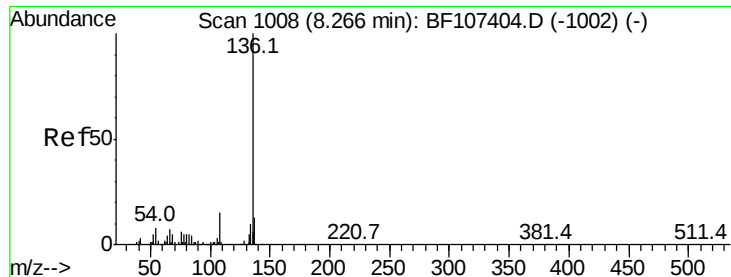
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 369021

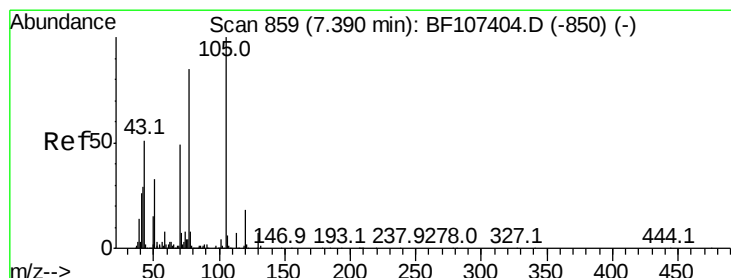
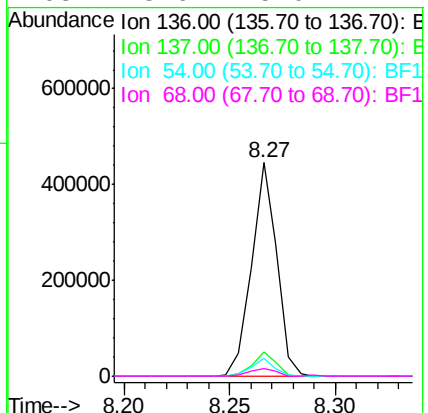
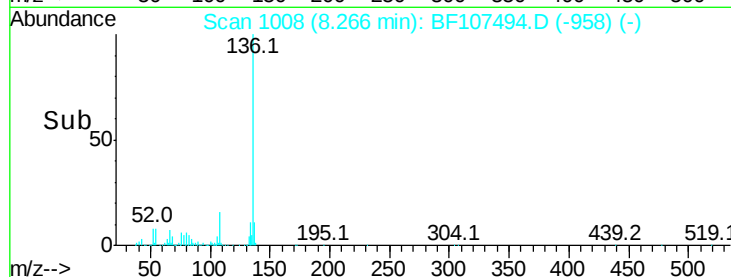
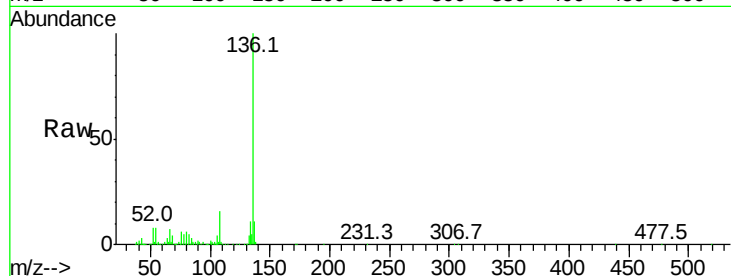
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.2 6.6 9.8

68 3.6 5.0 7.4#



#22

Acetophenone

Concen: 2.205 ng

RT: 7.38 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Tgt Ion:105 Resp: 22353

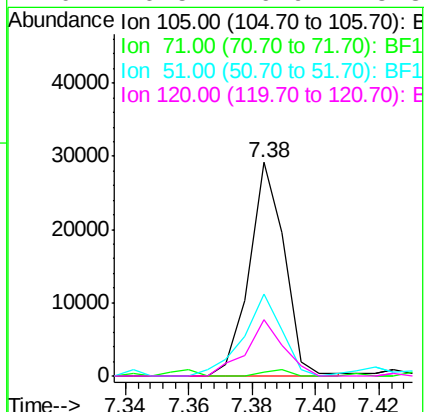
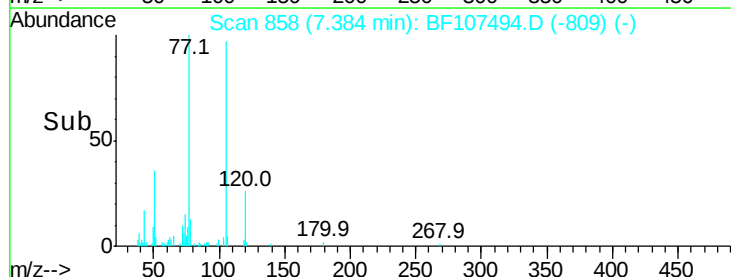
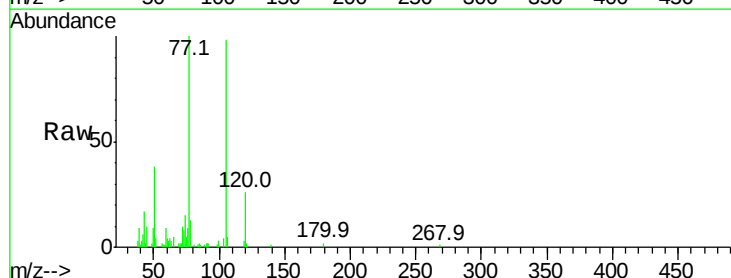
Ion Ratio Lower Upper

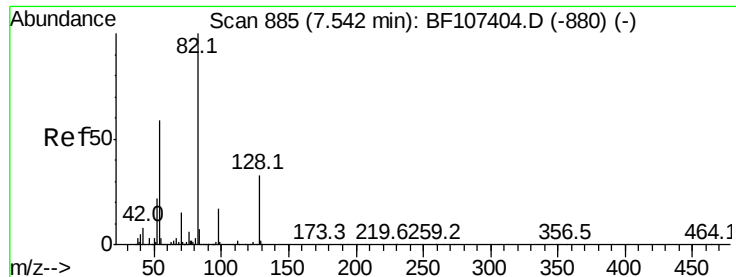
105 100

71 1.7 4.4 6.6#

51 38.3 22.3 33.5#

120 26.5 16.9 25.3#

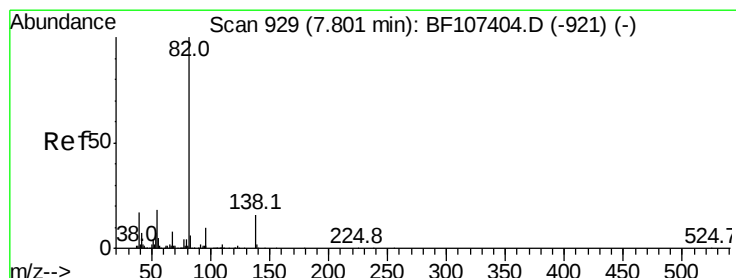
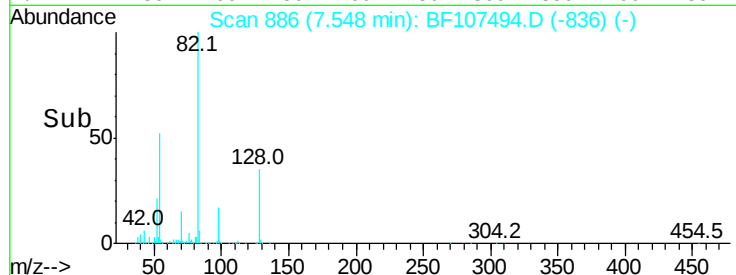
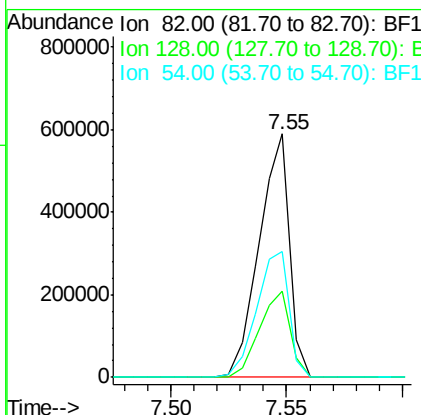
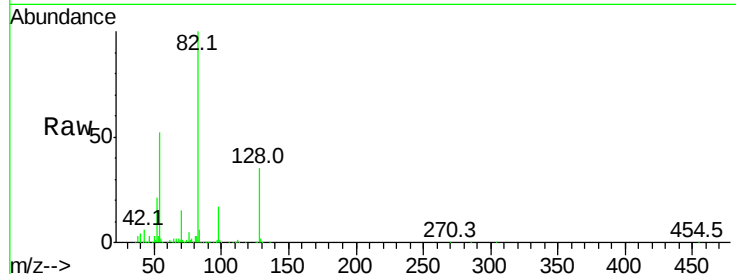




#23
 Nitrobenzene-d5
 Concen: 77.763 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107494.D
 Acq: 19 Jul 2018 4:56

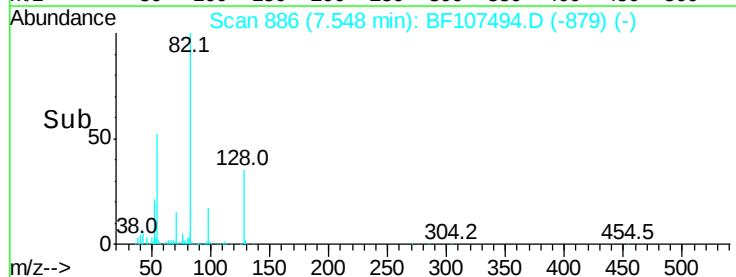
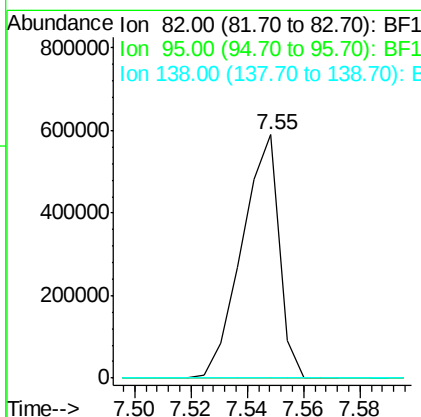
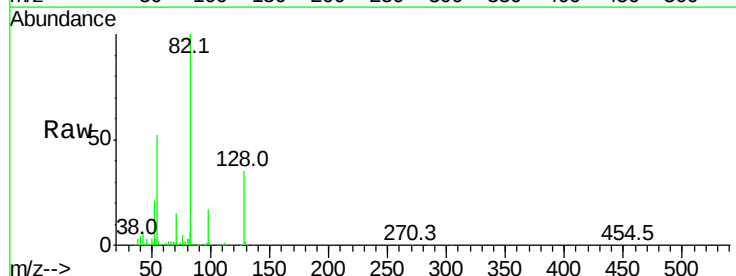
Instrument :
 BNA_F
 ClientSampleId :

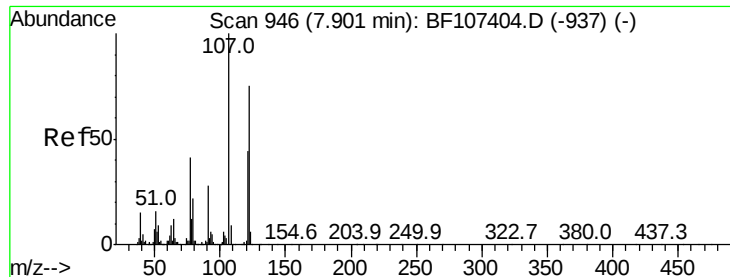
Tot Ion	82	Resp	538148
Ion Ratio	Lower	Upper	
82	100		
128	35.3	36.1	54.1#
54	51.5	41.4	62.2



#25
 Isophorone
 Concen: 39.132 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.26 min
 Lab File: BF107494.D
 Acq: 19 Jul 2018 4:56

Tgt Ion	82	Resp	536775
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

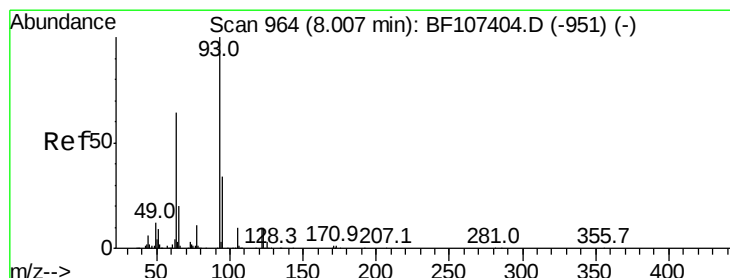
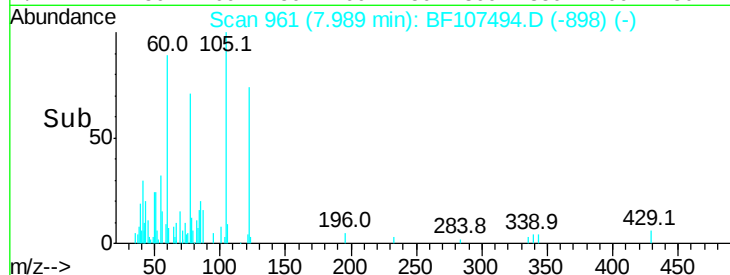
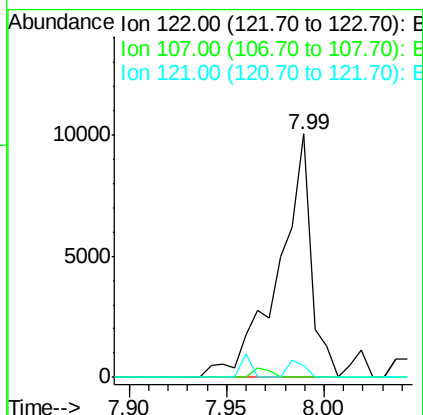
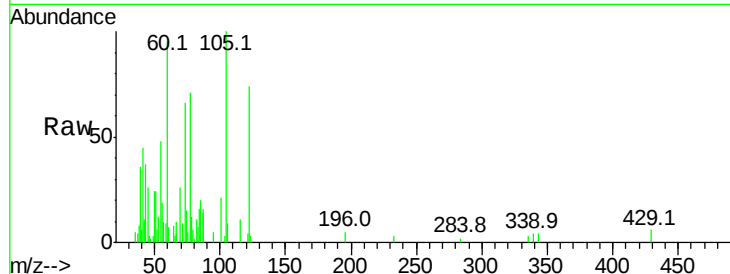




#27
2,4-Dimethylphenol
Concen: 2.102 ng
RT: 7.99 min Scan# 961
Delta R.T. 0.07 min
Lab File: BF107494.D
Acq: 19 Jul 2018 4:56

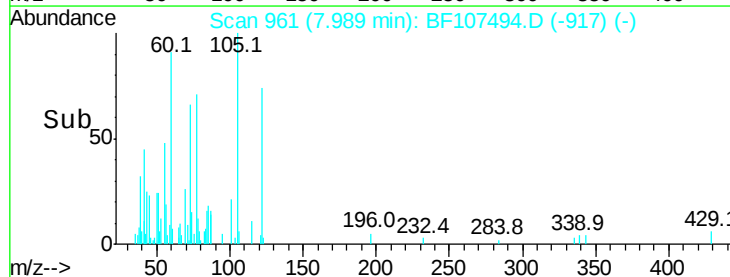
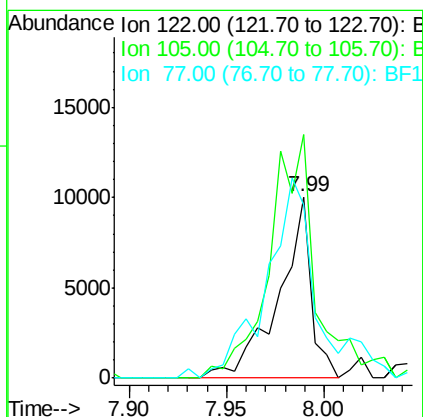
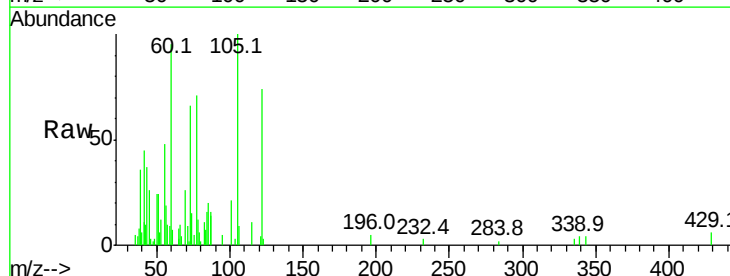
Instrument :
BNA_F
ClientSampleId :

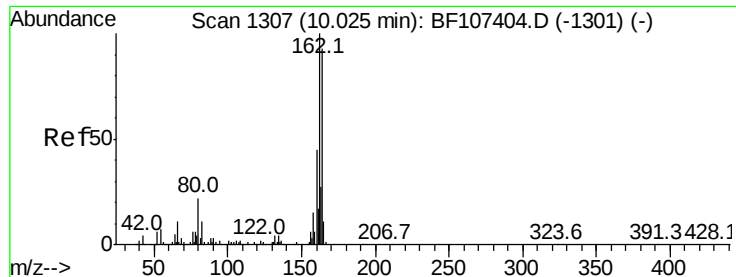
Tot Ion	Ratio	Lower	Upper
122	100		
107	0.0	91.2	136.8#
121	4.7	47.2	70.8#



#32
Benzoic acid
Concen: 3.424 ng
RT: 7.99 min Scan# 961
Delta R.T. -0.04 min
Lab File: BF107494.D
Acq: 19 Jul 2018 4:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.2	101.1	141.1
77	95.3	70.7	110.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

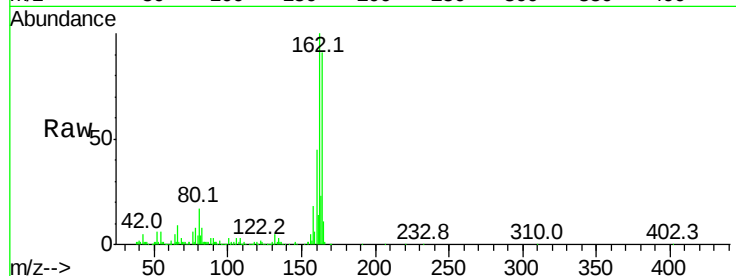
Tot Ion:164 Resp: 187779

Ion Ratio Lower Upper

164 100

162 110.4 86.1 129.1

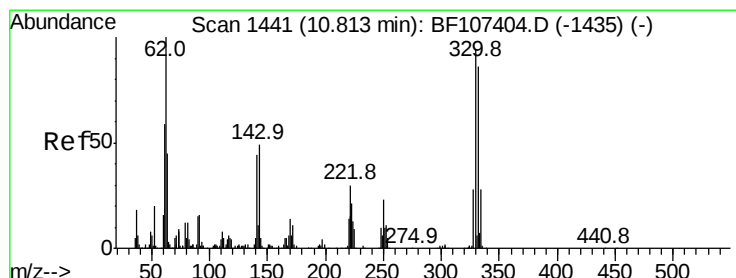
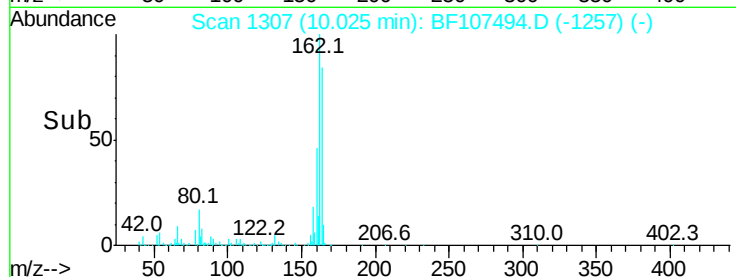
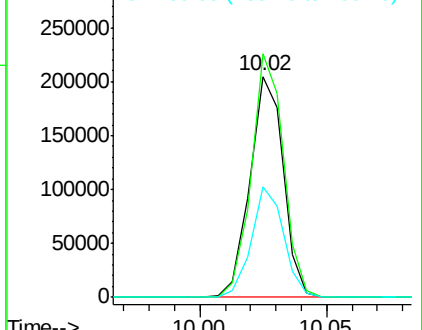
160 49.8 38.3 57.5



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: 98.130 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

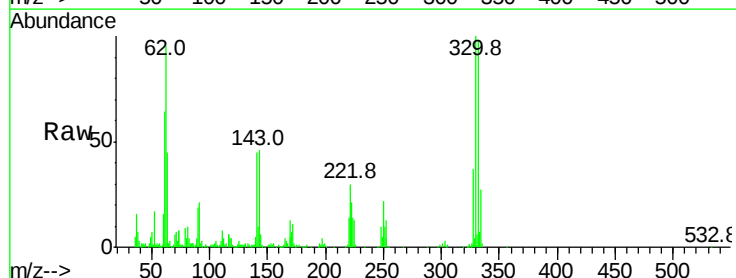
Tgt Ion:330 Resp: 161901

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

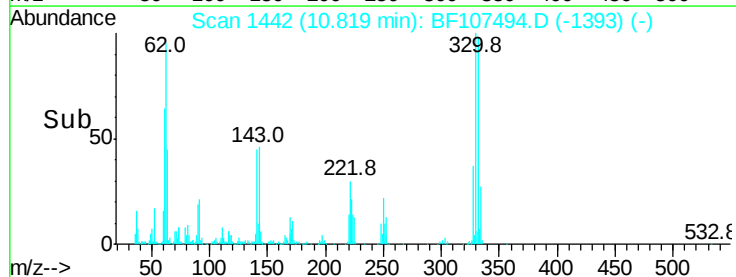
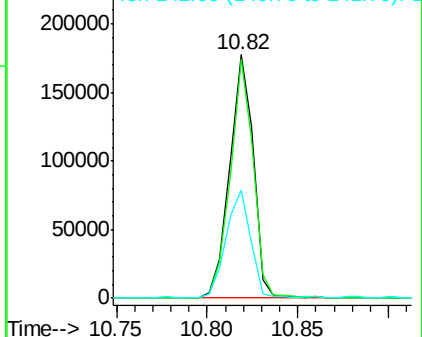
141 46.1 29.9 44.9#

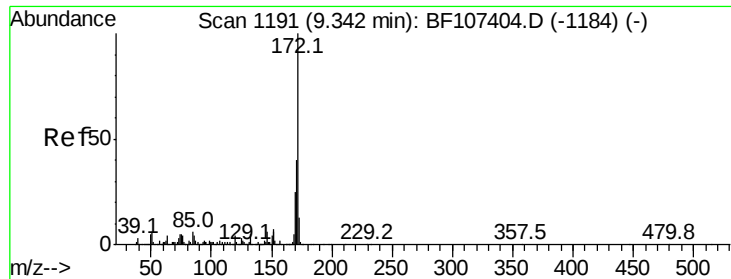


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

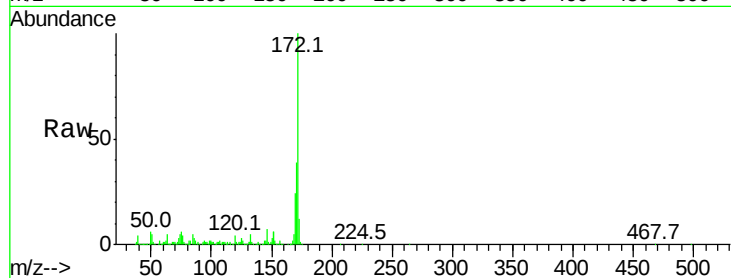




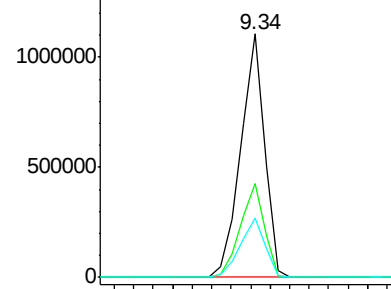
#44
2-Fluorobiphenyl
Concen: 82.843 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107494.D
Acq: 19 Jul 2018 4:56

Instrument :
BNA_F
ClientSampled :

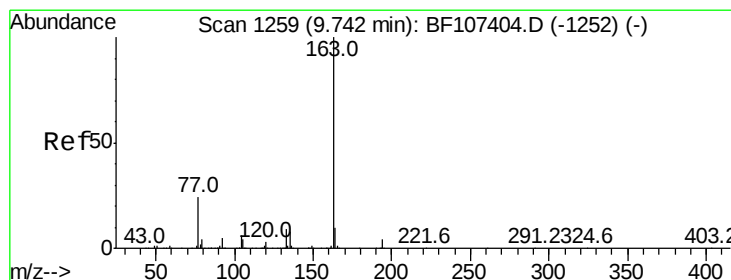
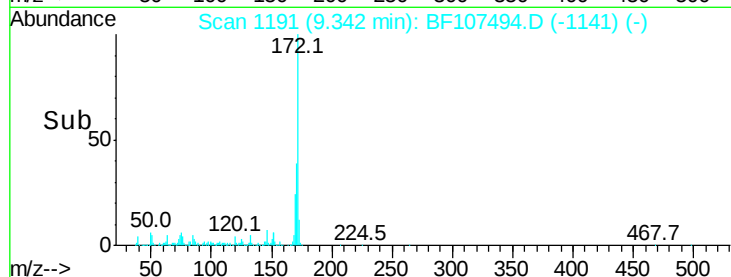
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.7	44.5
170	24.2	19.6	29.4



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

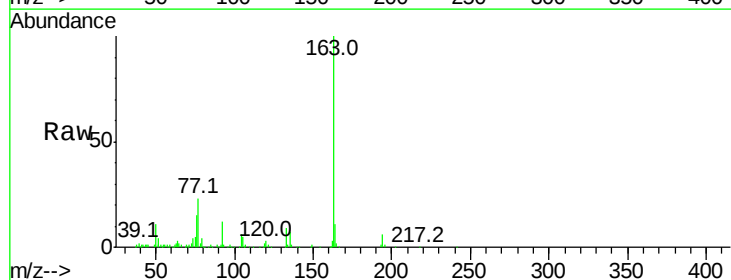


Time-->

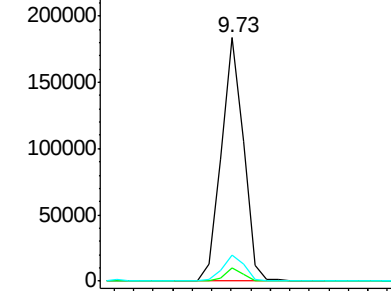


#49
Dimethylphthalate
Concen: 9.701 ng
RT: 9.73 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF107494.D
Acq: 19 Jul 2018 4:56

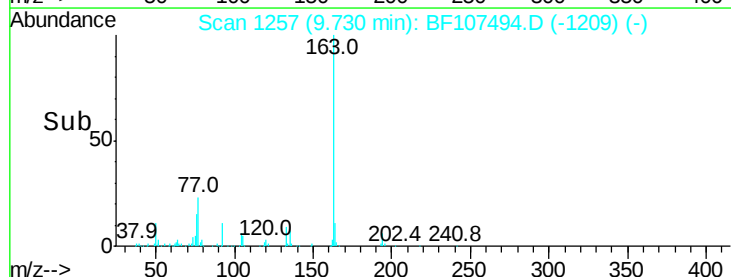
Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.6	2.7	4.1#
164	10.6	8.2	12.2

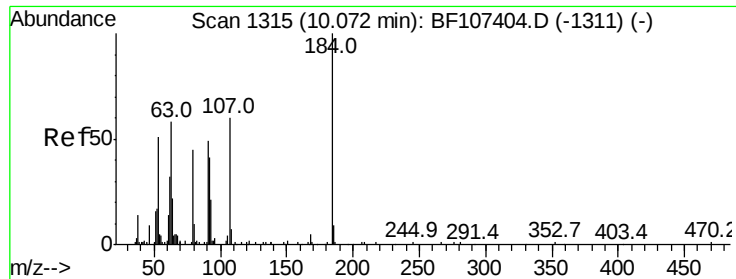


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

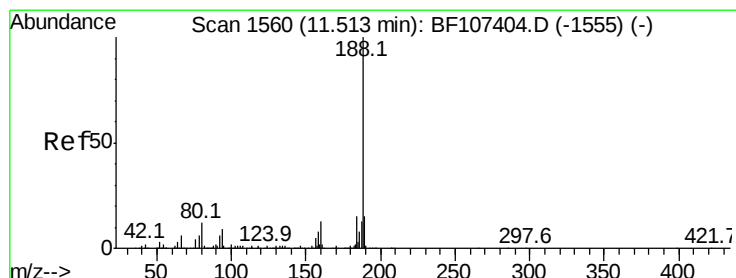
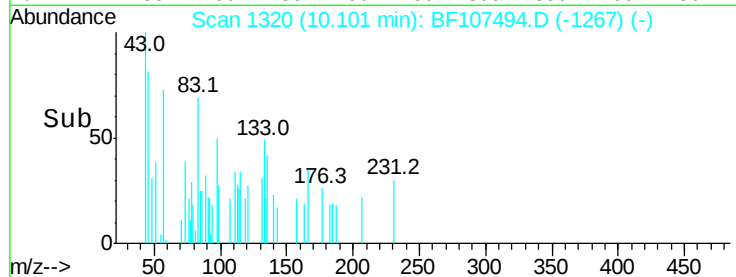
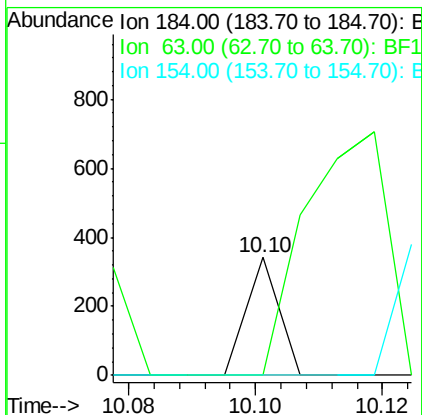
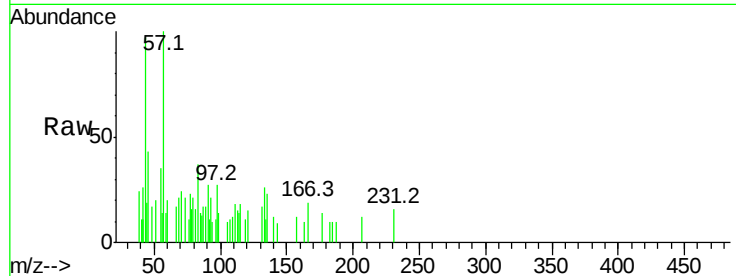




#53
2,4-Dinitrophenol
Concen: 2.424 ng
RT: 10.10 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BF107494.D
Acq: 19 Jul 2018 4:56

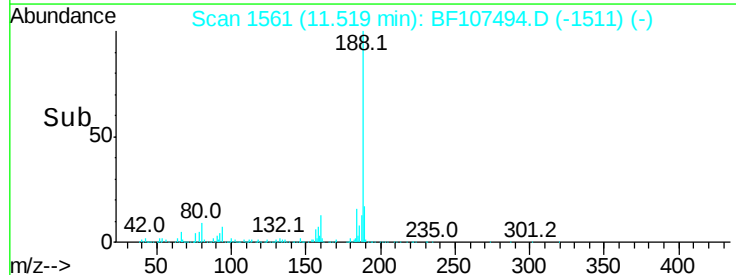
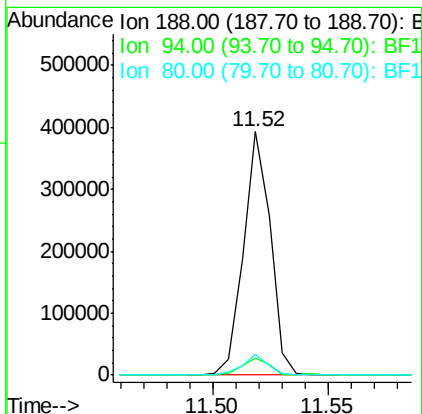
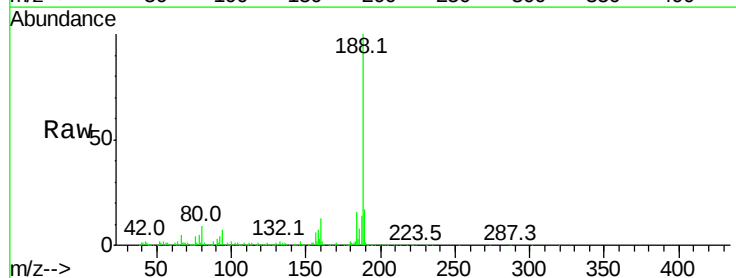
Instrument :
BNA_F
ClientSampleId :

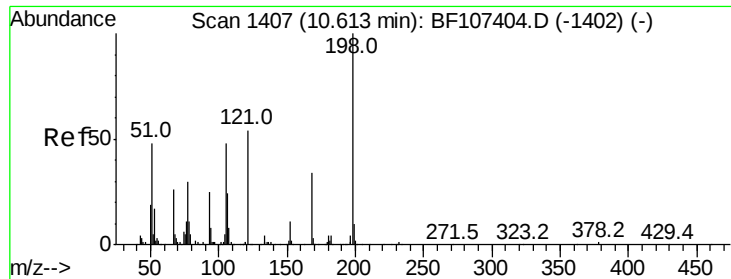
Tot Ion:184 Resp: 121
Ion Ratio Lower Upper
184 100
63 0.0 54.2 81.2#
154 0.0 184.0 276.0#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BF107494.D
Acq: 19 Jul 2018 4:56

Tgt Ion:188 Resp: 318847
Ion Ratio Lower Upper
188 100
94 7.1 8.5 12.7#
80 8.6 9.2 13.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 7.567 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.05 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

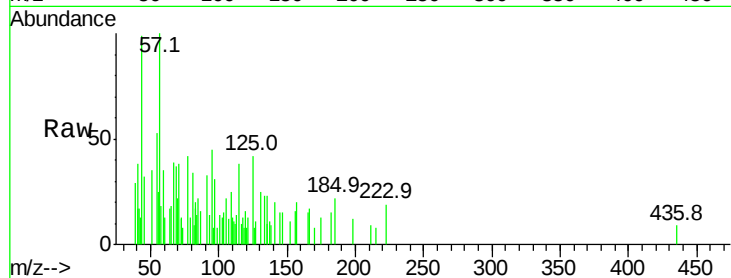
Tot Ion:198 Resp: 158

Ion Ratio Lower Upper

198 100

51 297.8 37.7 77.7#

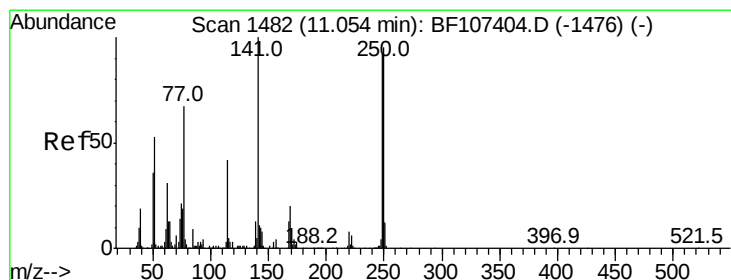
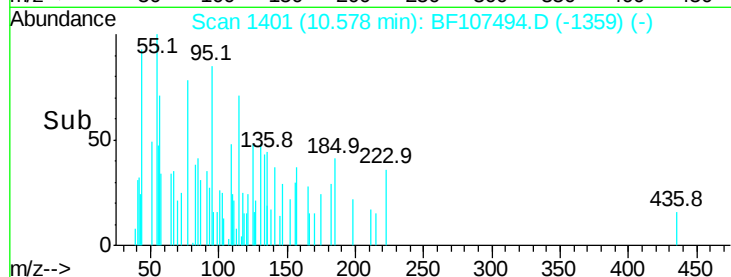
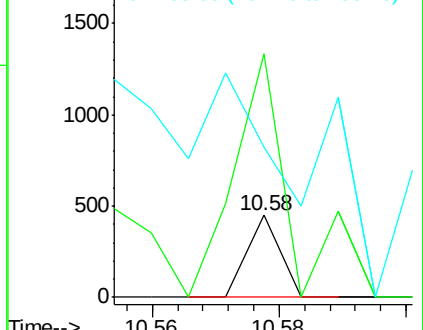
105 183.5 36.3 76.3#



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: 5.329 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.25 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

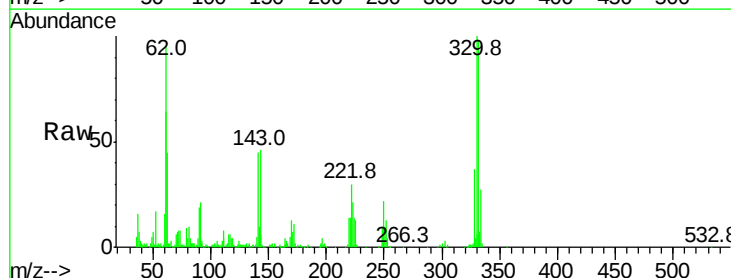
Tgt Ion:248 Resp: 19439

Ion Ratio Lower Upper

248 100

250 217.9 76.9 115.3#

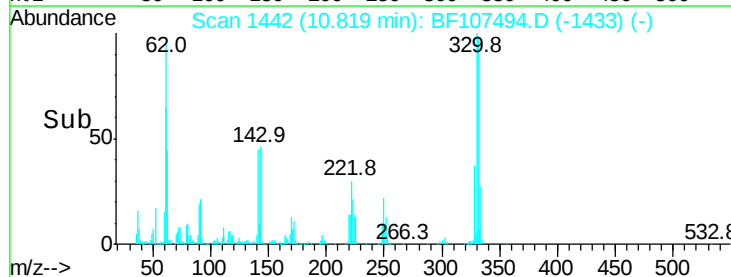
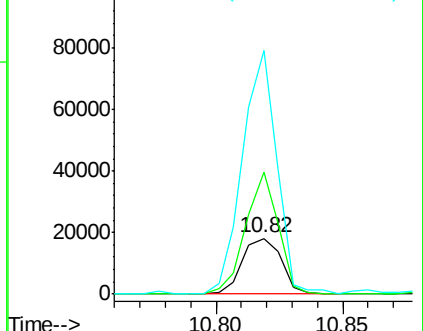
141 436.0 74.4 111.6#

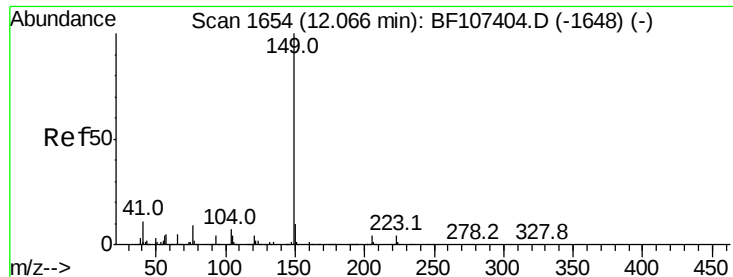


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: 3.763 ng

RT: 12.07 min Scan# 1654

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

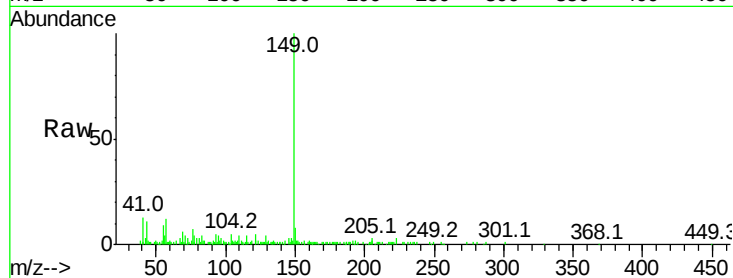
Tot Ion:149 Resp: 64793

Ion Ratio Lower Upper

149 100

150 8.1 7.8 11.6

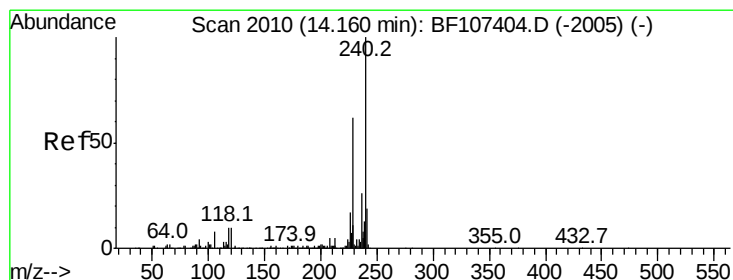
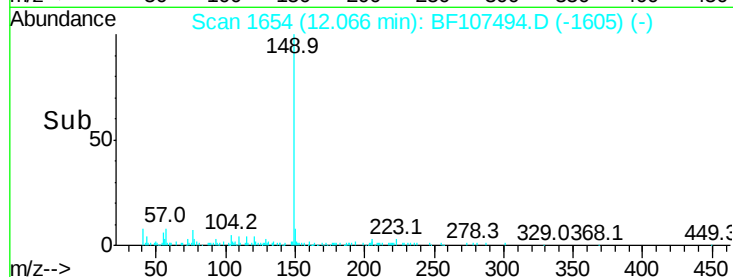
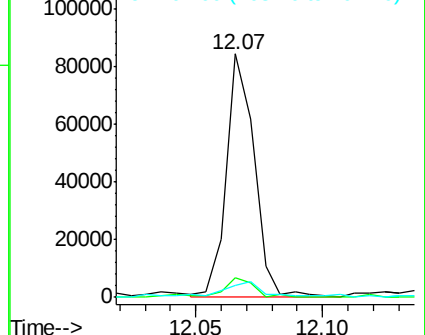
104 4.9 3.8 5.8



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: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

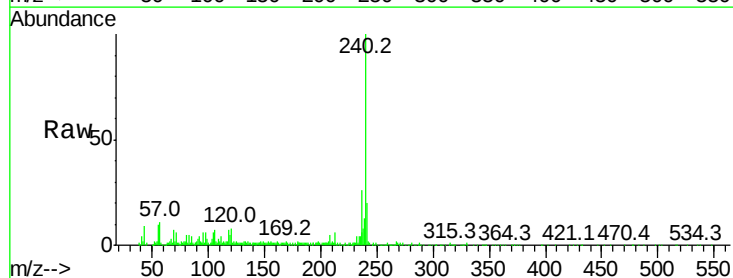
Tgt Ion:240 Resp: 269668

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

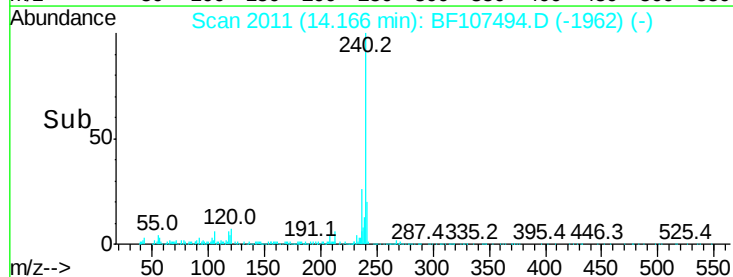
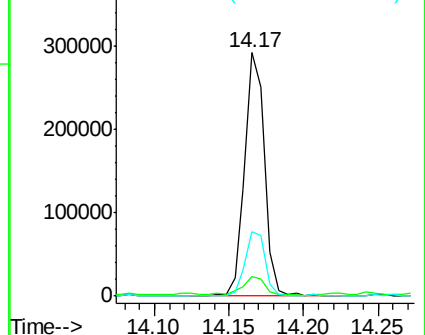
236 26.4 20.7 31.1

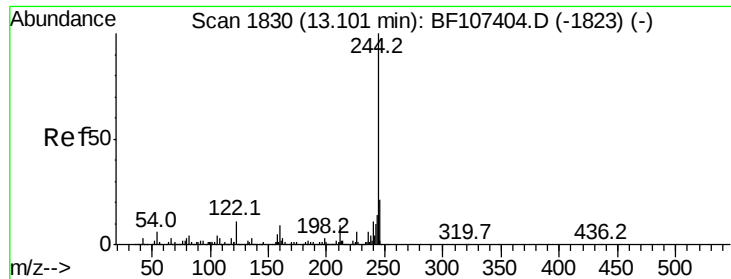


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 72.602 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

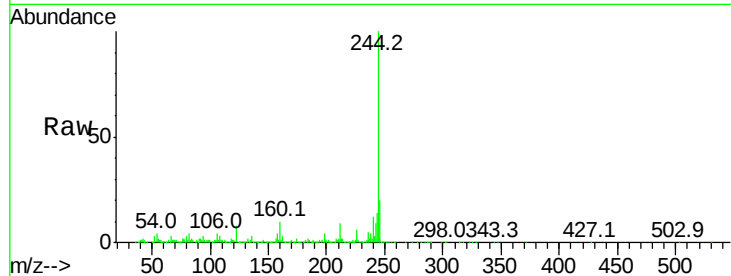
Tot Ion:244 Resp: 787995

Ion Ratio Lower Upper

244 100

212 9.5 5.4 8.0#

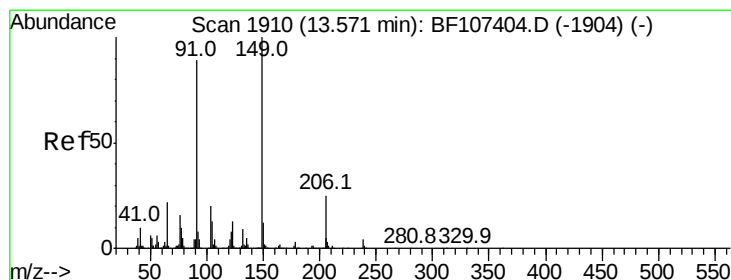
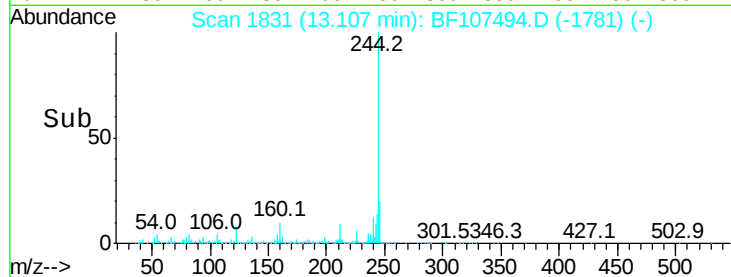
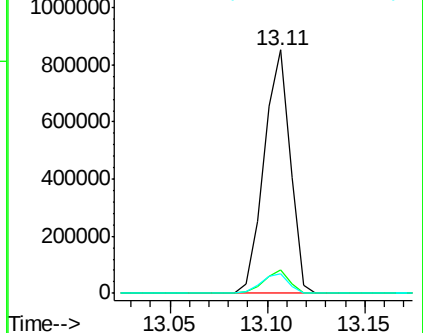
122 8.3 11.0 16.4#



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



#79

Butylbenzylphthalate

Concen: 3.536 ng

RT: 13.57 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

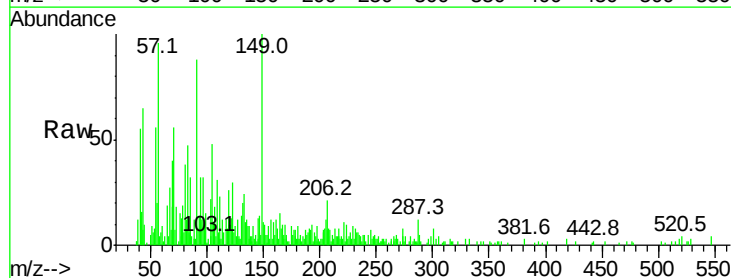
Tgt Ion:149 Resp: 23620

Ion Ratio Lower Upper

149 100

91 88.4 56.8 85.2#

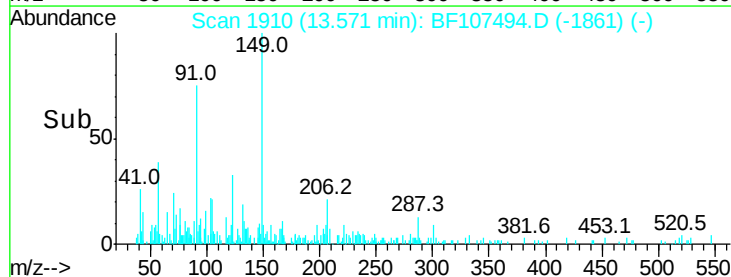
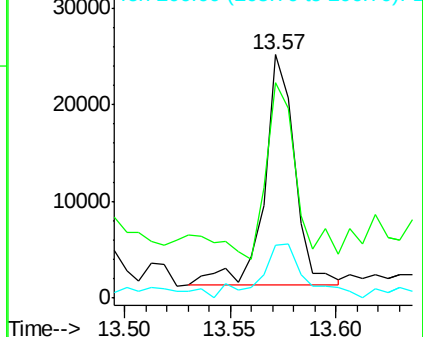
206 21.5 14.1 21.1#

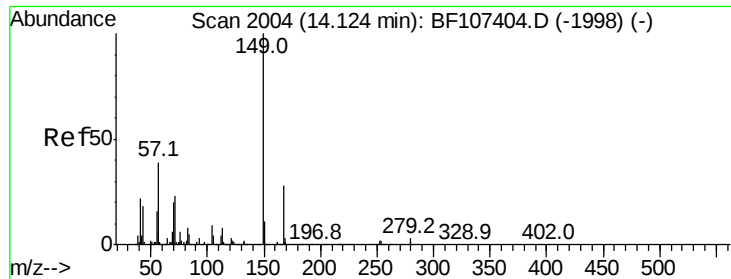


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.253 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107494.D

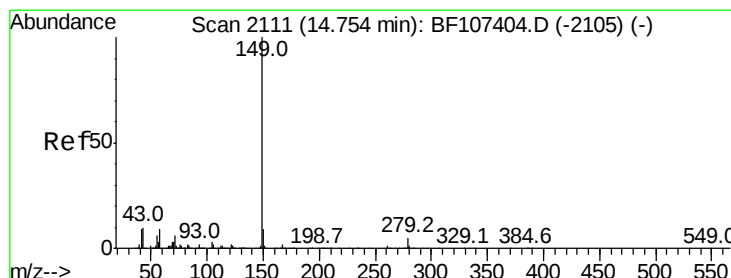
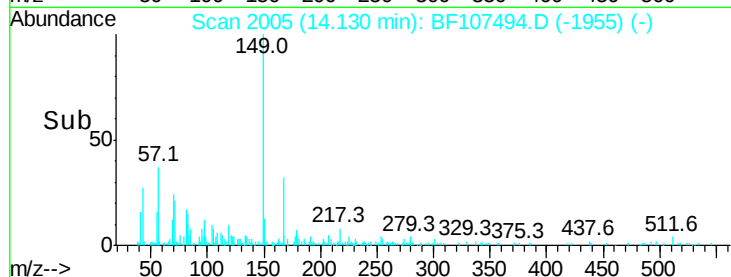
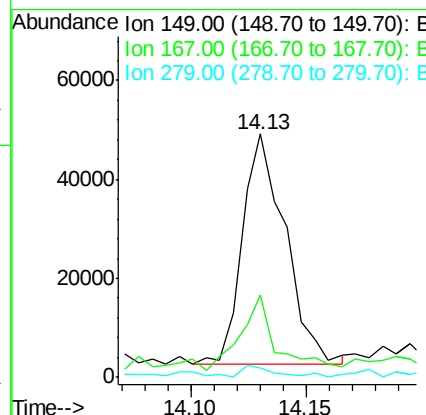
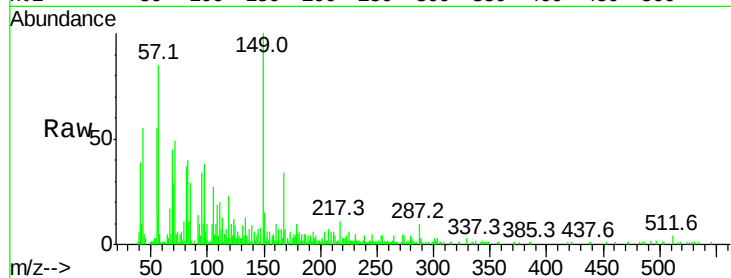
Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	59854
Ion Ratio	Lower	Upper
149	100	
167	33.6	21.3 31.9#
279	4.1	3.0 4.4



#84

Di-n-octyl phthalate

Concen: 2.975 ng

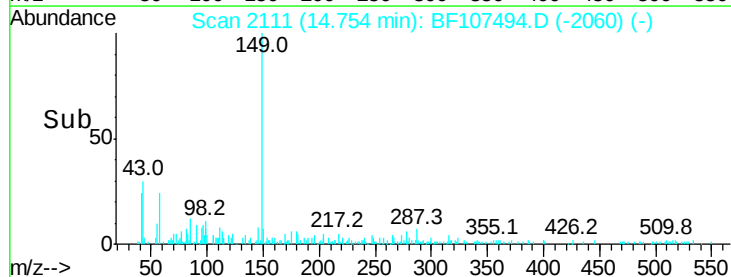
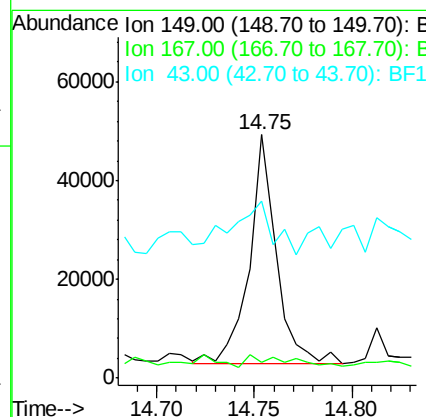
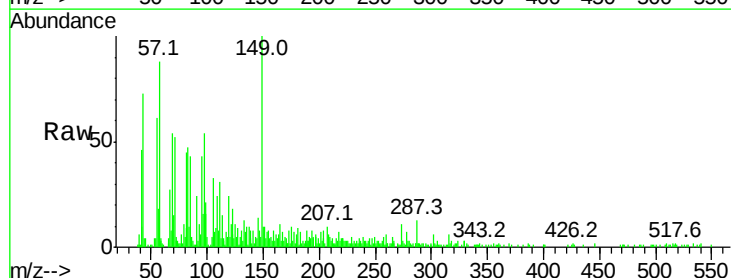
RT: 14.75 min Scan# 2111

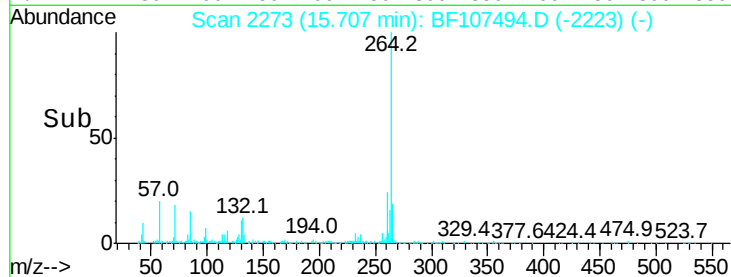
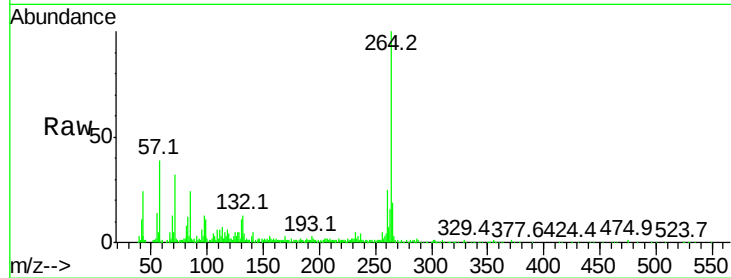
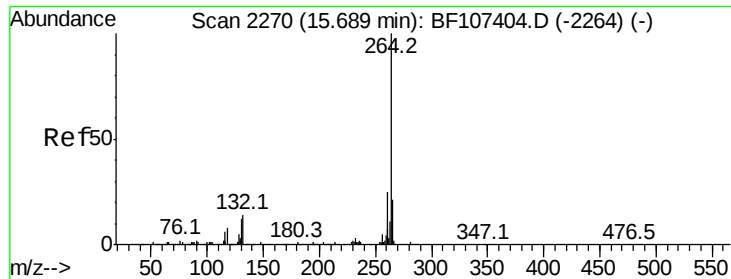
Delta R.T. 0.00 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Tgt Ion:149	Resp:	44272
Ion Ratio	Lower	Upper
149	100	
167	13.1	1.2 1.8#
43	34.5	8.4 12.6#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF107494.D

Acq: 19 Jul 2018 4:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 255067

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 19.4 17.5 26.3

