

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061218\
 Data File : BF106372.D
 Acq On : 13 Jun 2018 4:52
 Operator : JU/SJ
 Sample : J3164-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 07:09:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 11 15:00:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	109018	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	361376	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	151196	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	305190	20.00	ng	0.00
75) Chrysene-d12	14.15	240	316640	20.00	ng	-0.01
86) Perylene-d12	15.68	264	220440	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	314171	48.77	ng	0.04
7) Phenol-d6	6.64	99	233772	28.73	ng	0.05
23) Nitrobenzene-d5	7.54	82	518229	84.36	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	172959	118.89	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	850220	108.79	ng	0.00
78) Terphenyl-d14	13.09	244	1078646	84.61	ng	0.00

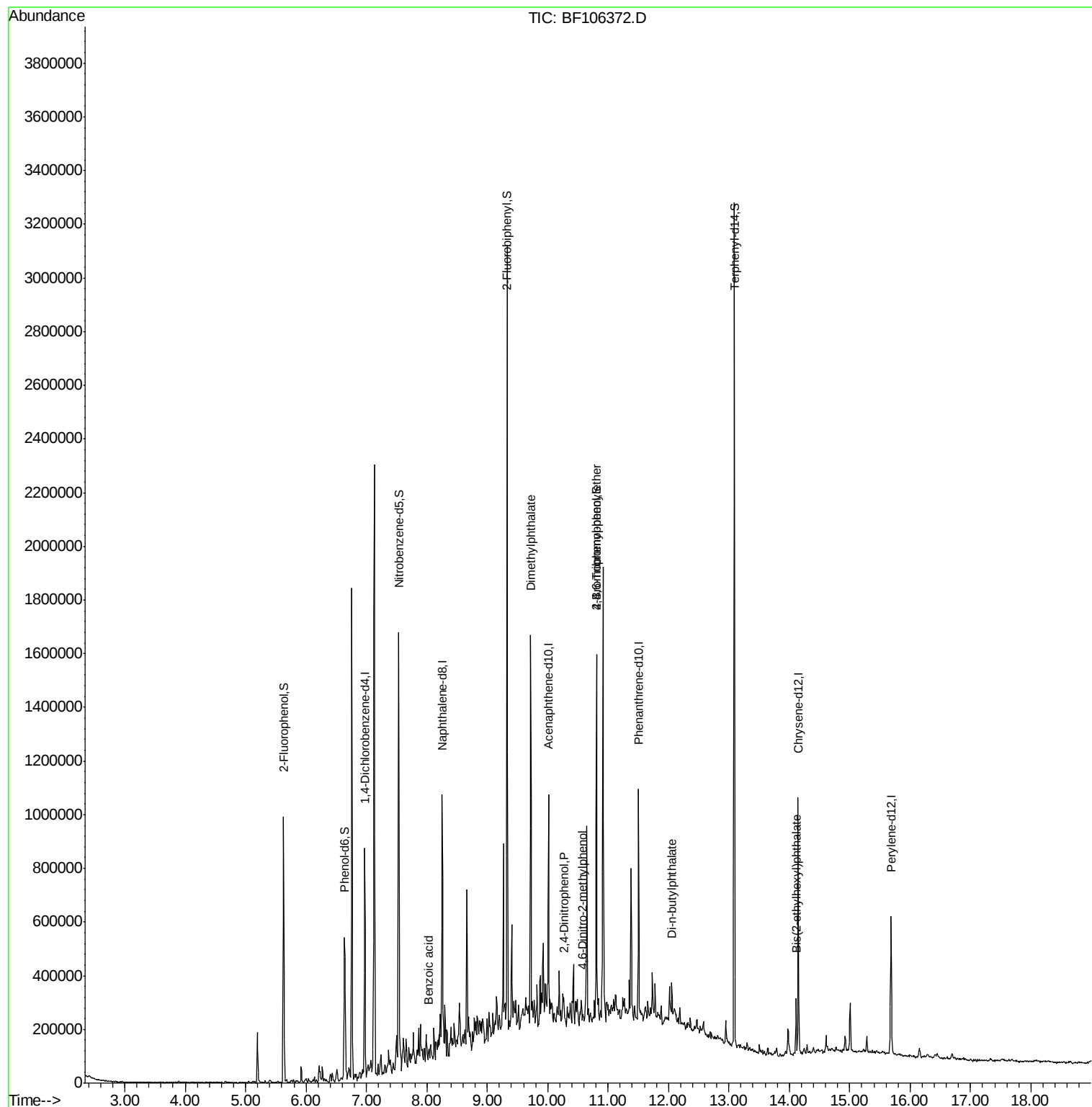
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
32) Benzoic acid	8.04	122	459	7.393	ng	# 1
49) Dimethylphthalate	9.72	163	133019	12.314	ng	# 97
53) 2,4-Dinitrophenol	10.27	184	129	8.728	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.58	198	107	6.351	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	11252	3.242	ng	# 1
73) Di-n-butylphthalate	12.05	149	57532	3.739	ng	98
83) Bis(2-ethylhexyl)phthalate	14.11	149	52500	4.934	ng	# 98

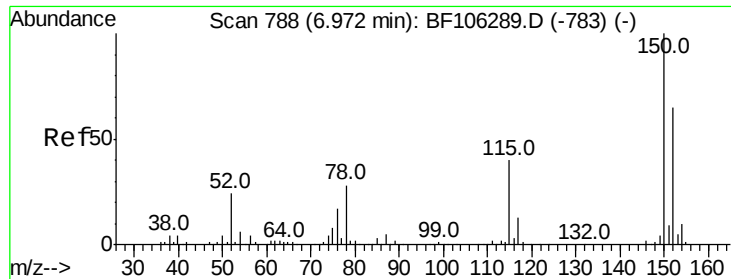
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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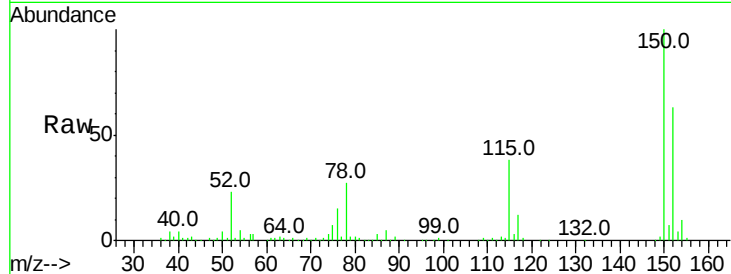


#1

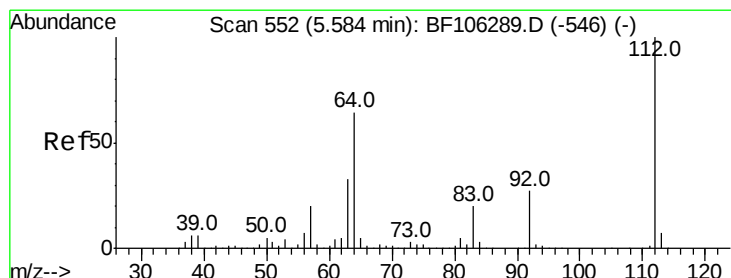
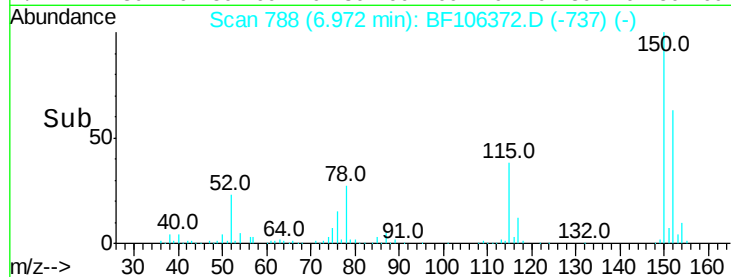
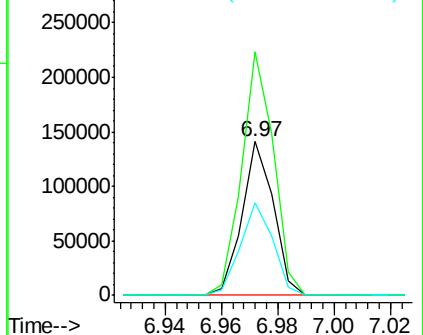
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF106372.D
Acq: 13 Jun 2018 4:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109018
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 60.7 50.1 75.1



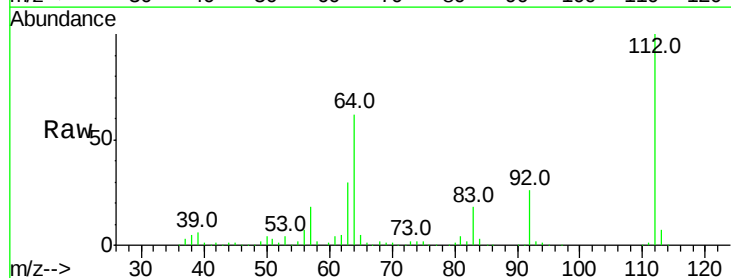
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



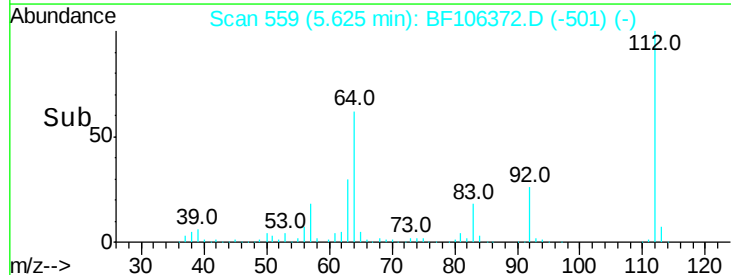
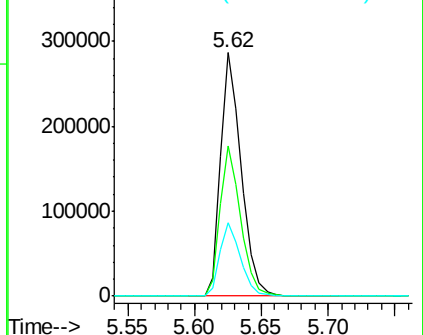
#5

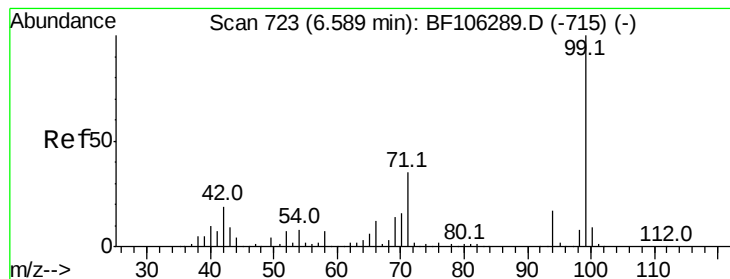
2-Fluorophenol
Concen: 48.775 ng
RT: 5.62 min Scan# 559
Delta R.T. 0.04 min
Lab File: BF106372.D
Acq: 13 Jun 2018 4:52

Tgt Ion:112 Resp: 314171
Ion Ratio Lower Upper
112 100
64 61.5 47.9 71.9
63 29.9 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: 28.726 ng

RT: 6.64 min Scan# 731

Delta R.T. 0.05 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

Instrument :

BNA_F

ClientSampleId :

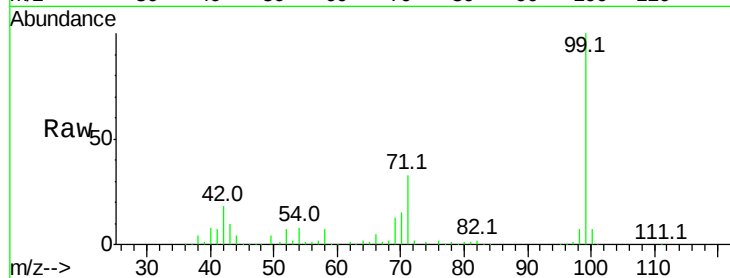
Tot Ion: 99 Resp: 233772

Ion Ratio Lower Upper

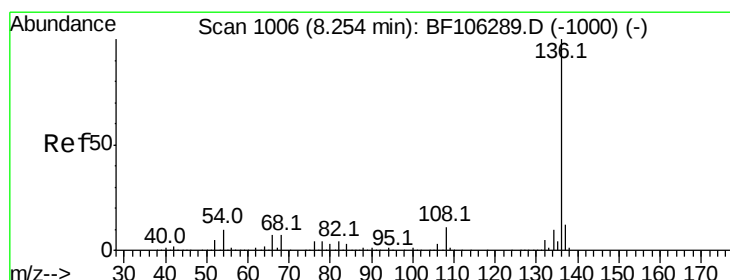
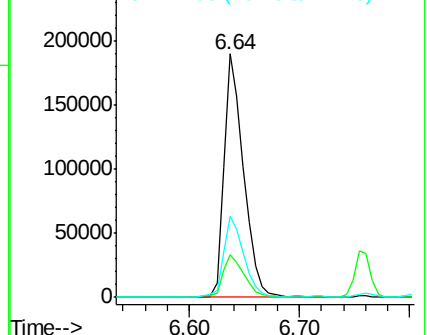
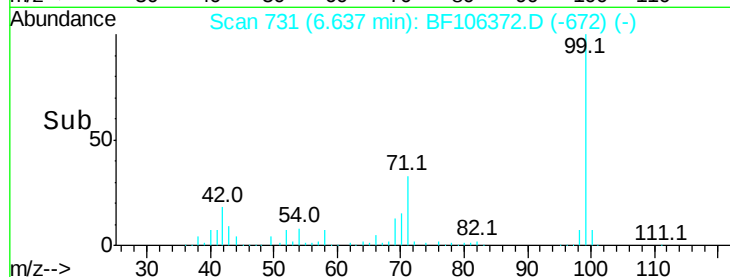
99 100

42 17.8 14.5 21.7

71 33.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

Tgt Ion: 136 Resp: 361376

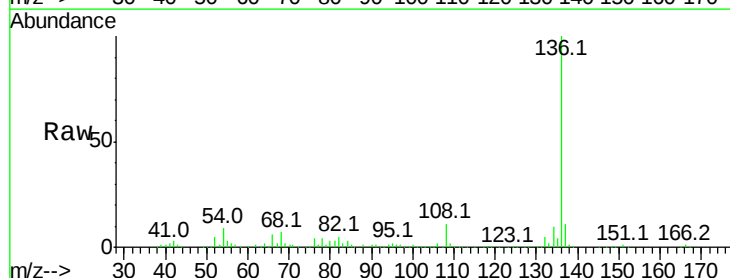
Ion Ratio Lower Upper

136 100

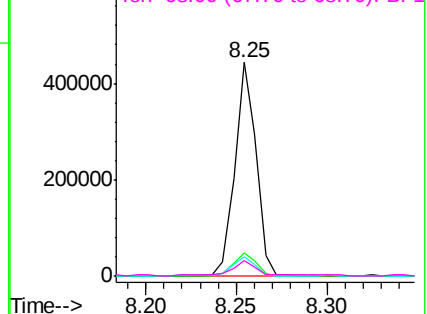
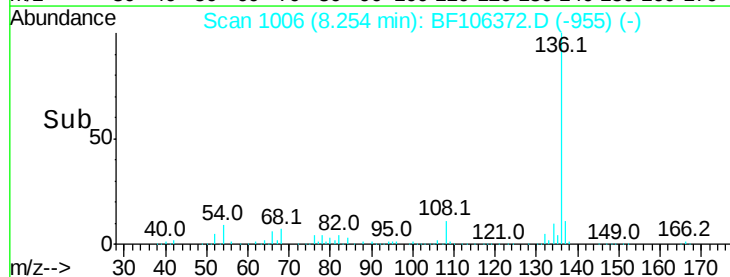
137 11.0 8.9 13.3

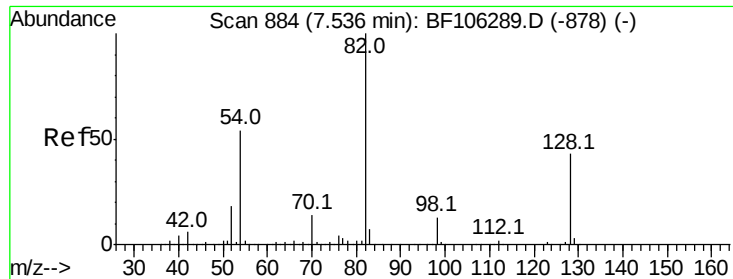
54 9.3 6.6 9.8

68 7.4 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

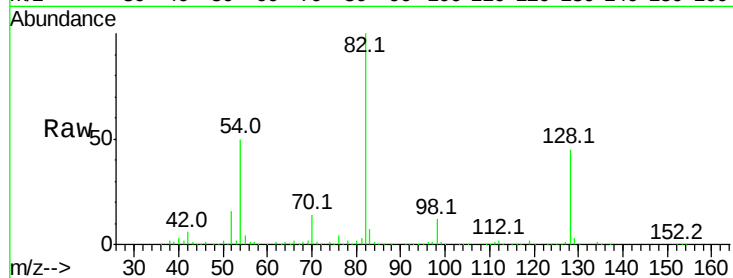




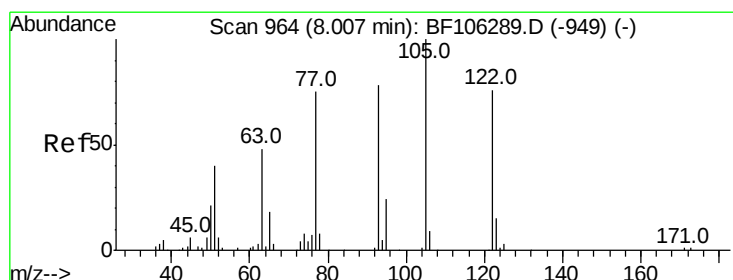
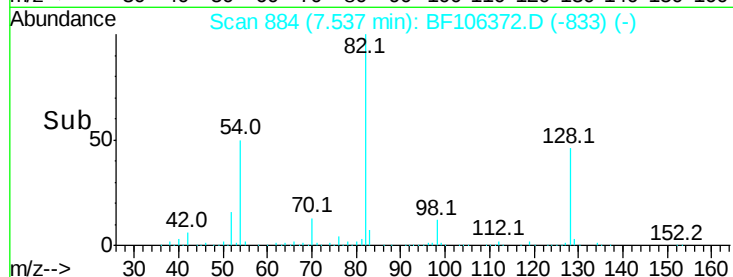
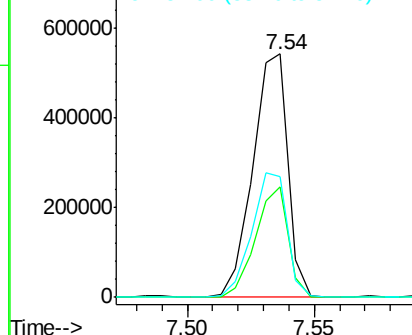
#23
 Nitrobenzene-d5
 Concen: 84.363 ng
 RT: 7.54 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	518229
Ion Ratio	100	Lower	Upper
128	45.5	36.1	54.1
54	49.8	41.4	62.2

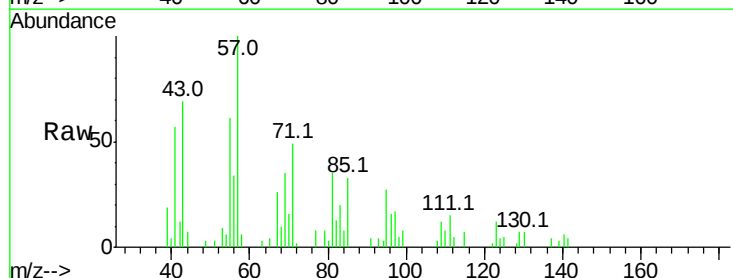


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

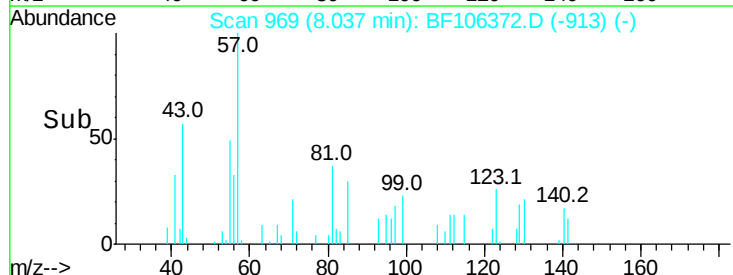
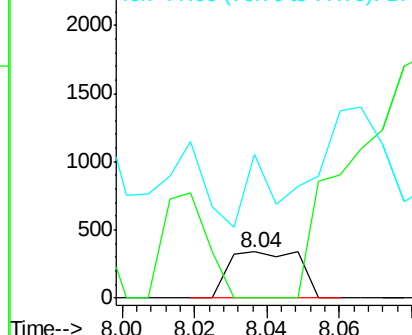


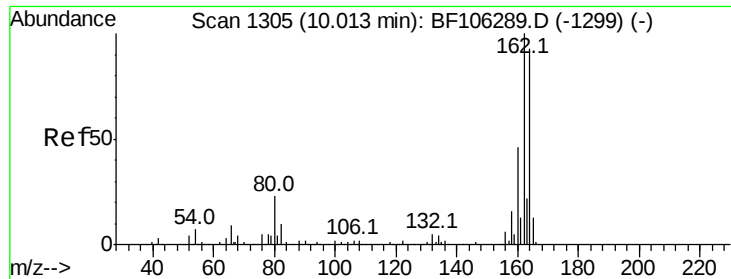
#32
 Benzoic acid
 Concen: 7.393 ng
 RT: 8.04 min Scan# 969
 Delta R.T. 0.03 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

Tgt Ion	122	Resp	459
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
105	0.0	101.1	141.1#
77	308.8	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

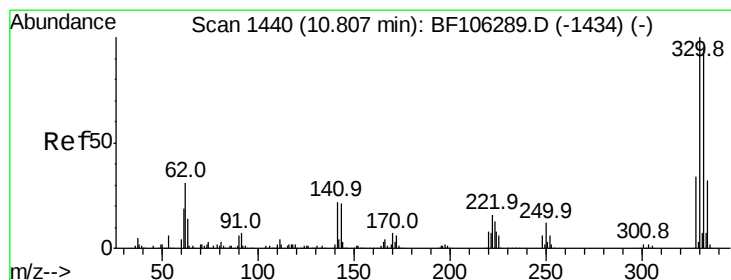
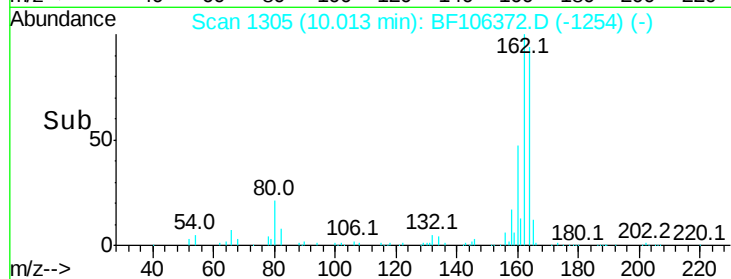
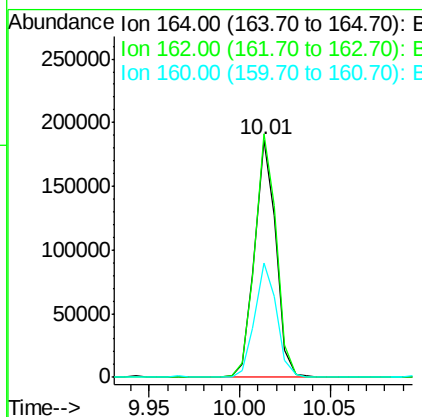
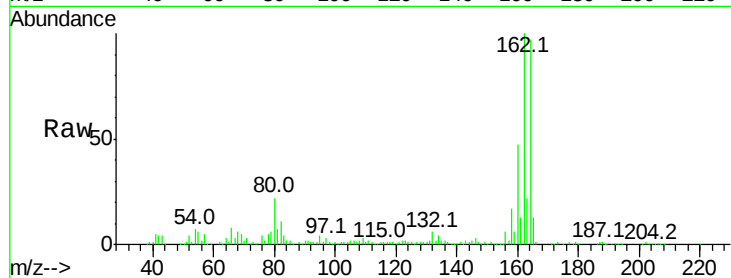




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF106372.D
Acq: 13 Jun 2018 4:52

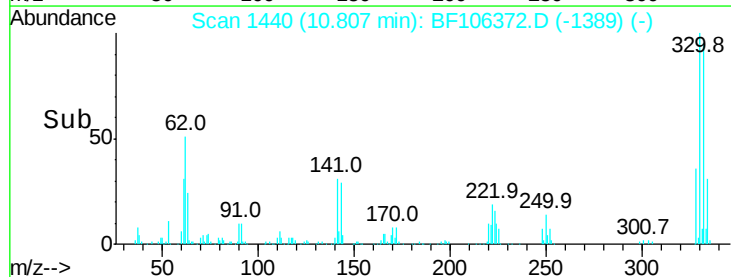
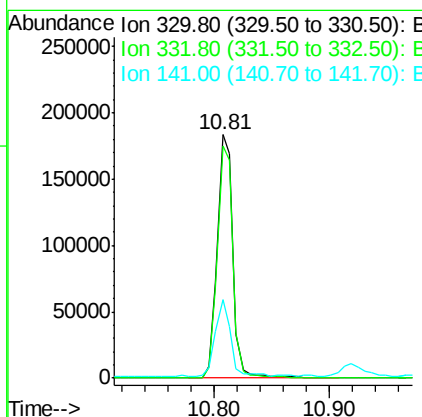
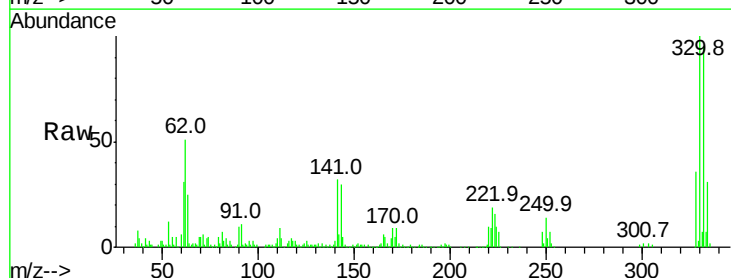
Instrument :
BNA_F
ClientSampleId :

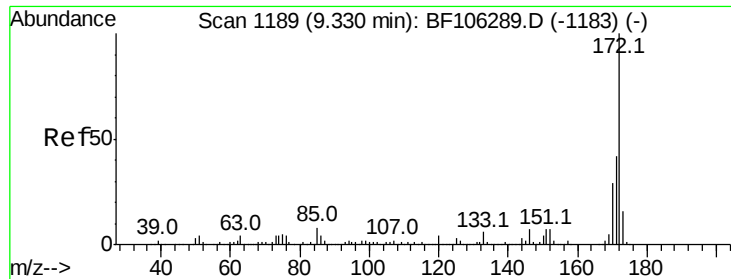
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	86.1	129.1
160	48.3	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 118.891 ng
RT: 10.81 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BF106372.D
Acq: 13 Jun 2018 4:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	30.7	29.9	44.9

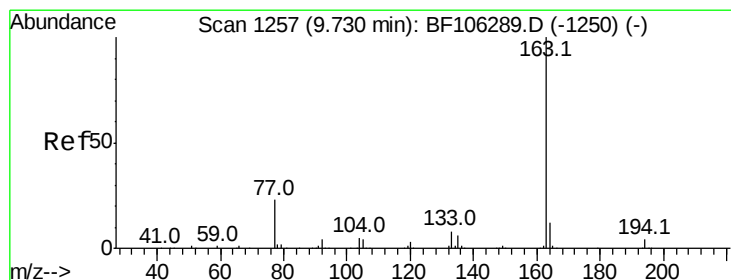
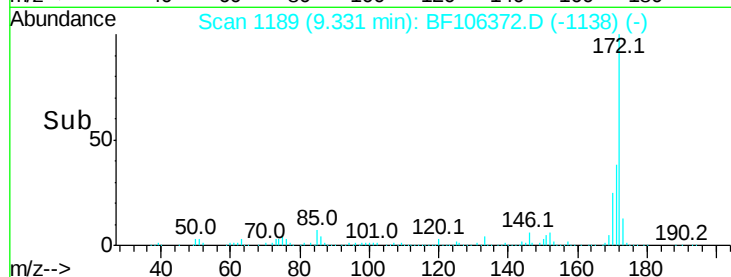
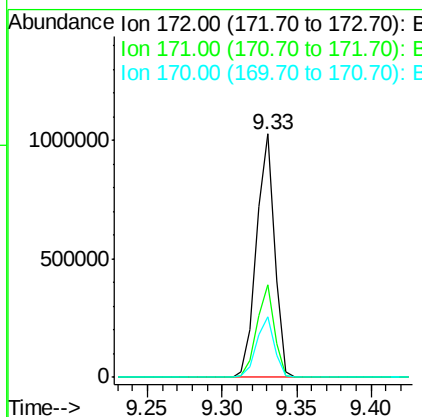
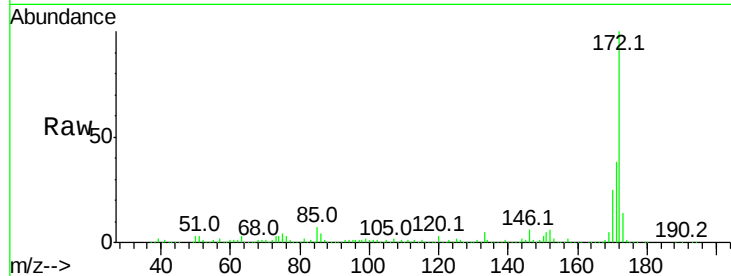




#44
2-Fluorobiphenyl
Concen: 108.785 ng
RT: 9.33 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BF106372.D
Acq: 13 Jun 2018 4:52

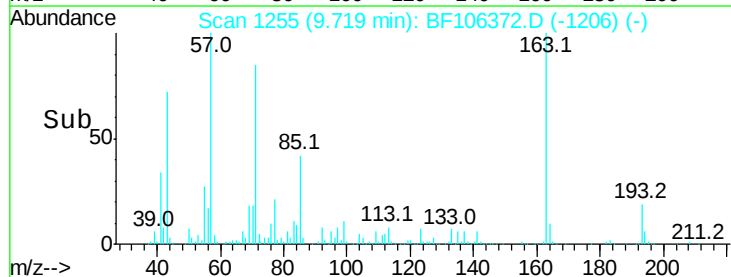
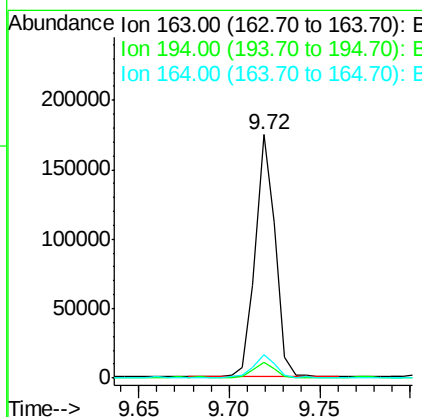
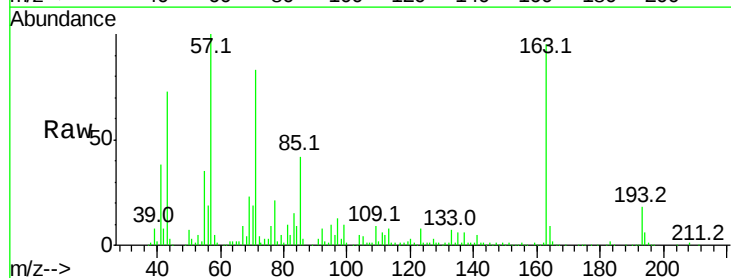
Instrument :
BNA_F
ClientSampled :

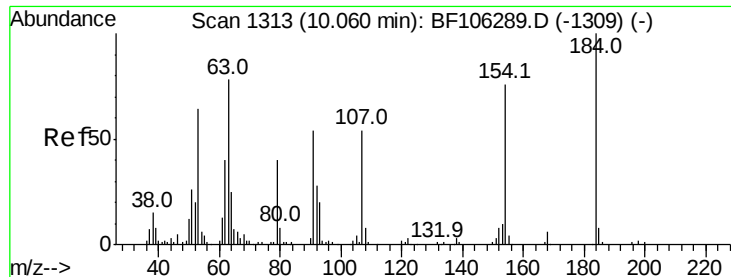
Tot Ion:172 Resp: 850220
Ion Ratio Lower Upper
172 100
171 37.9 29.7 44.5
170 25.0 19.6 29.4



#49
Dimethylphthalate
Concen: 12.314 ng
RT: 9.72 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF106372.D
Acq: 13 Jun 2018 4:52

Tgt Ion:163 Resp: 133019
Ion Ratio Lower Upper
163 100
194 6.3 2.7 4.1#
164 9.8 8.2 12.2

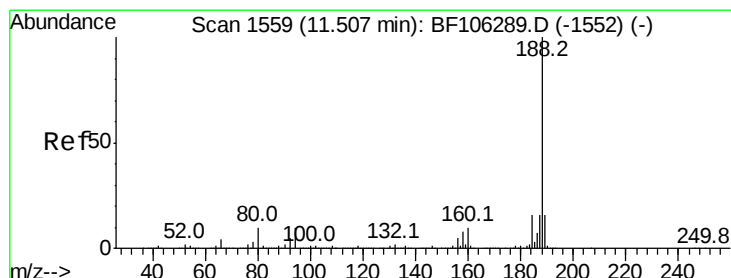
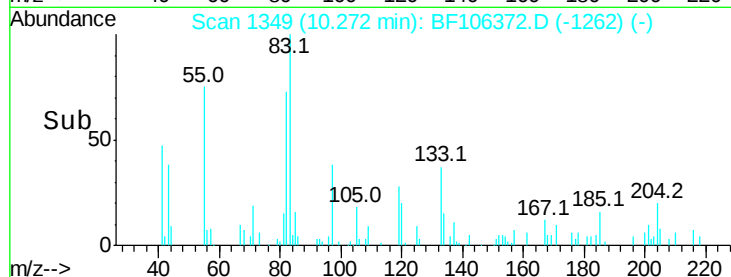
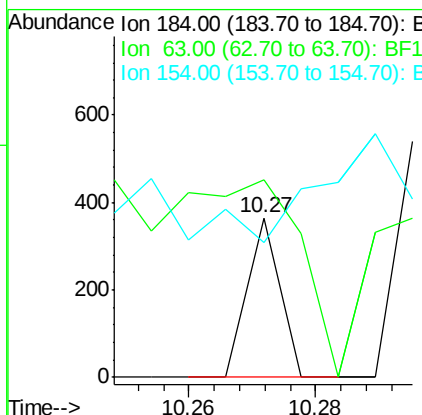
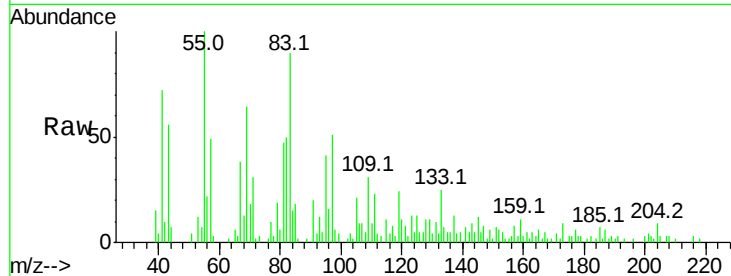




#53
 2,4-Dinitrophenol
 Concen: 8.728 ng
 RT: 10.27 min Scan# 1349
 Delta R.T. 0.21 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

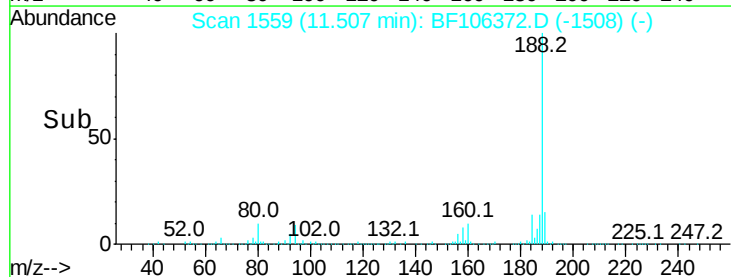
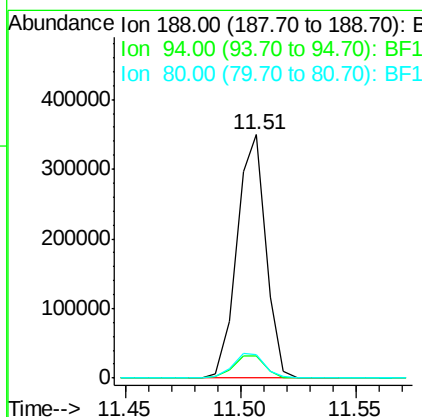
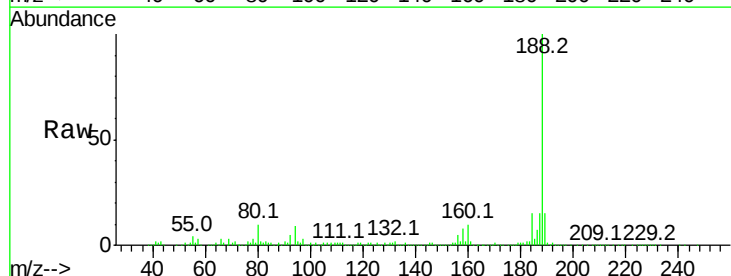
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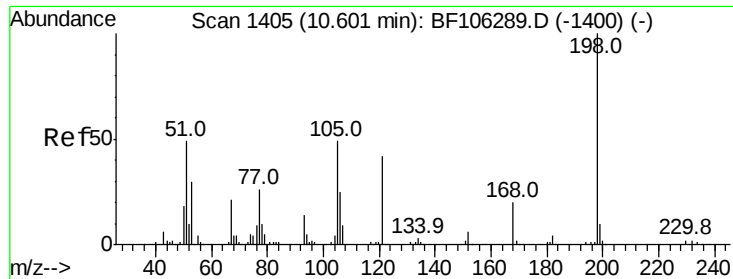
Tot Ion:184 Resp: 129
 Ion Ratio Lower Upper
 184 100
 63 123.8 54.2 81.2#
 154 84.7 184.0 276.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

Tgt Ion:188 Resp: 305190
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.5 12.7
 80 9.8 9.2 13.8

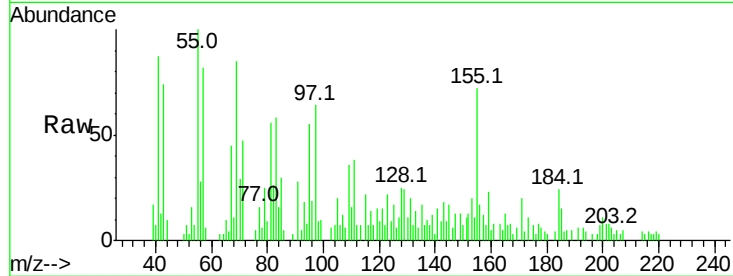




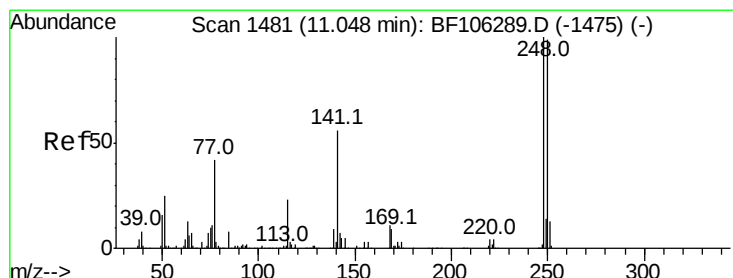
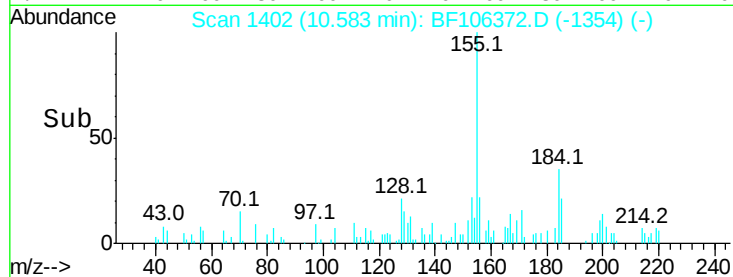
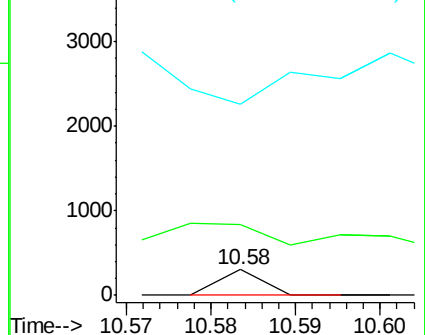
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.351 ng
 RT: 10.58 min Scan# 1402
 Delta R.T. -0.02 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 107
 Ion Ratio Lower Upper
 198 100
 51 276.9 37.7 77.7#
 105 747.2 36.3 76.3#

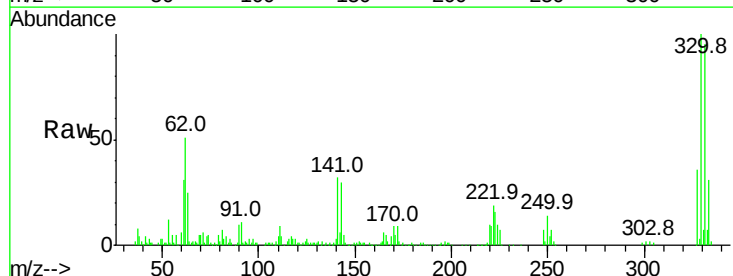


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

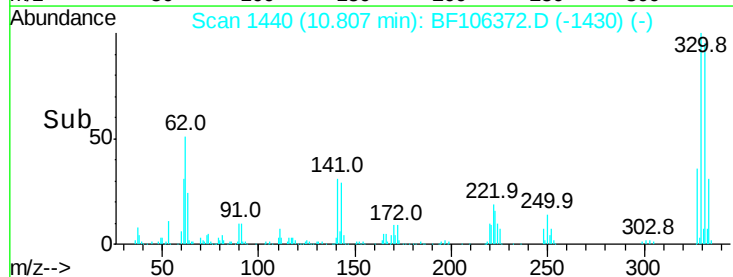
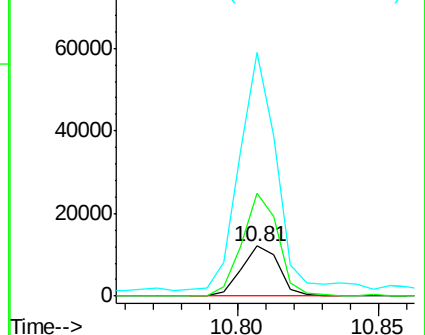


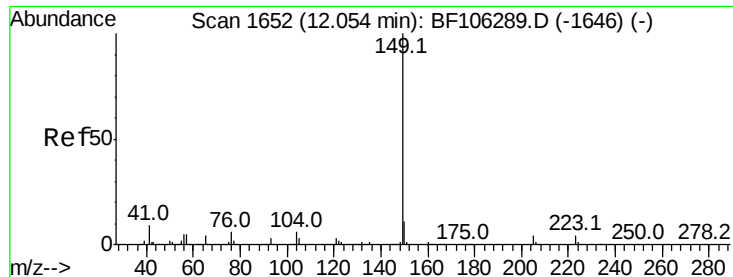
#66
 4-Bromophenyl-phenylether
 Concen: 3.242 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF106372.D
 Acq: 13 Jun 2018 4:52

Tgt Ion:248 Resp: 11252
 Ion Ratio Lower Upper
 248 100
 250 206.6 76.9 115.3#
 141 487.8 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: 3.739 ng

RT: 12.05 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

Instrument :

BNA_F

ClientSampleId :

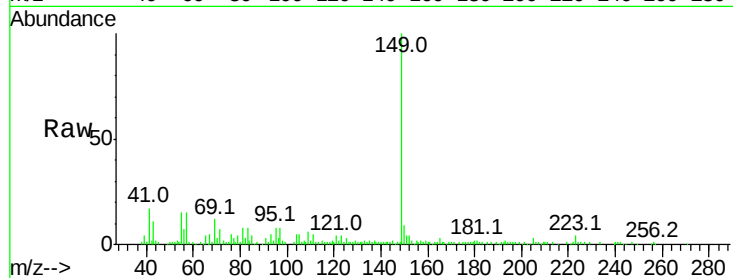
Tot Ion:149 Resp: 57532

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

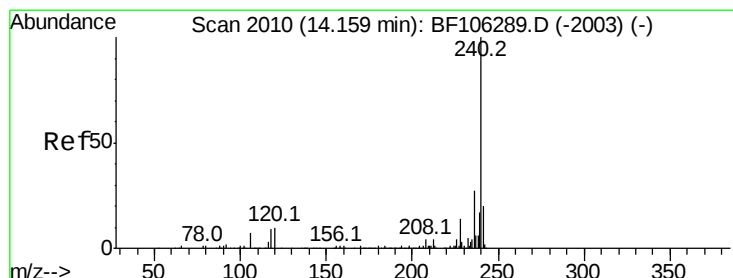
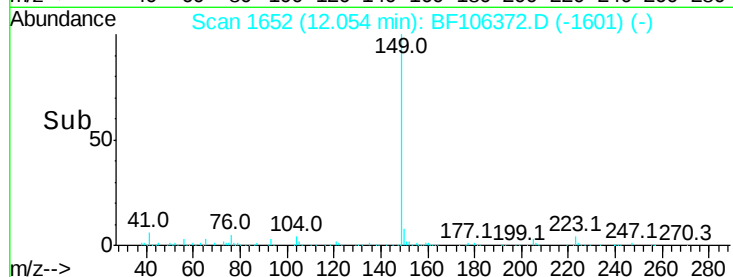
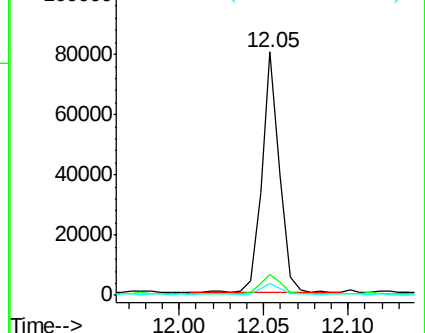
104 5.1 3.8 5.8



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: 14.15 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

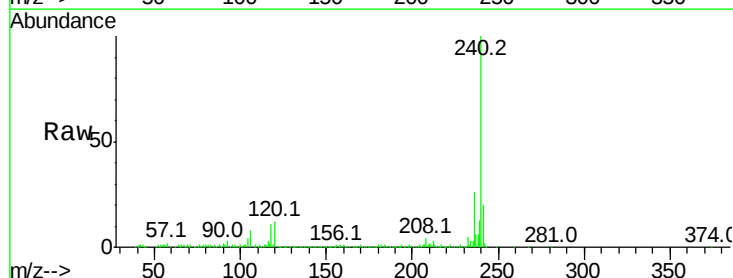
Tgt Ion:240 Resp: 316640

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

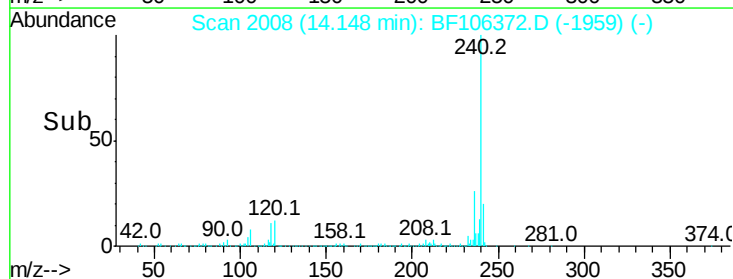
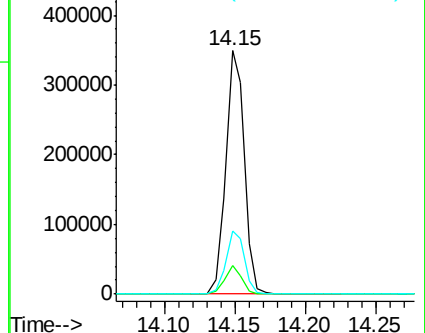
236 25.8 20.7 31.1

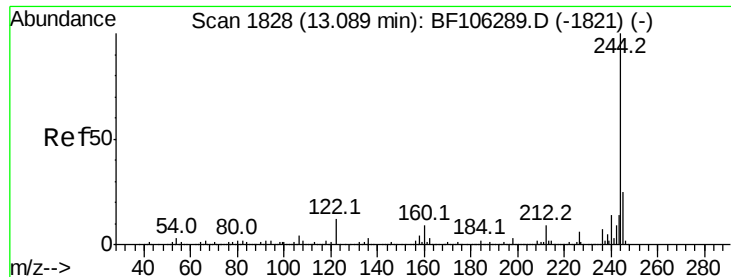


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.611 ng

RT: 13.09 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

Instrument :

BNA_F

ClientSampleId :

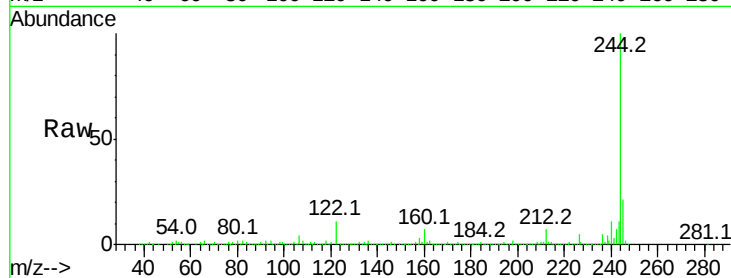
Tot Ion:244 Resp: 1078646

Ion Ratio Lower Upper

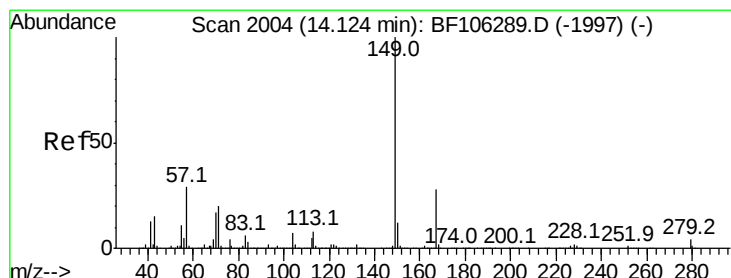
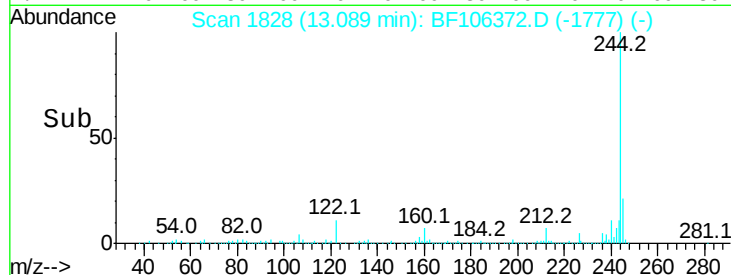
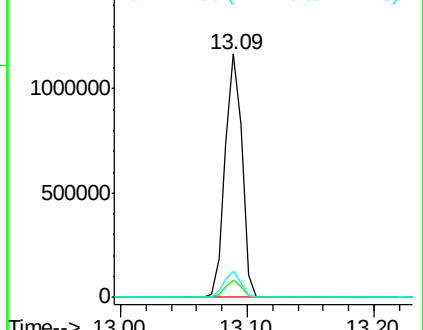
244 100

212 7.2 5.4 8.0

122 10.7 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: 4.934 ng

RT: 14.11 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF106372.D

Acq: 13 Jun 2018 4:52

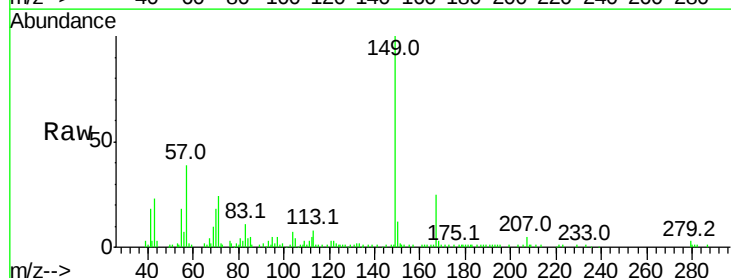
Tgt Ion:149 Resp: 52500

Ion Ratio Lower Upper

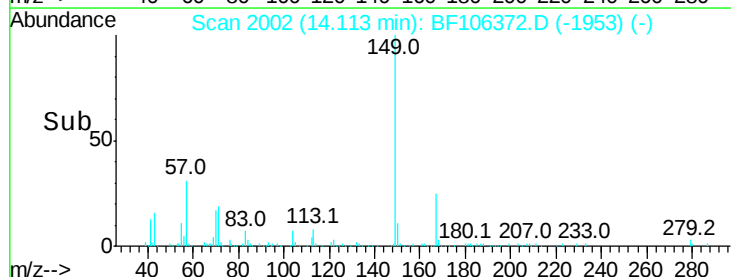
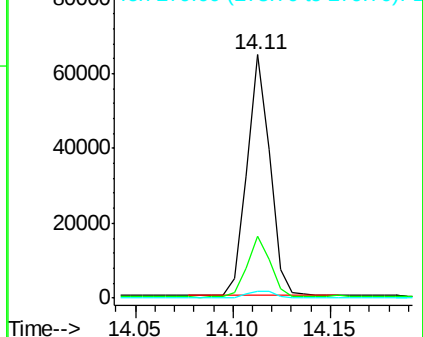
149 100

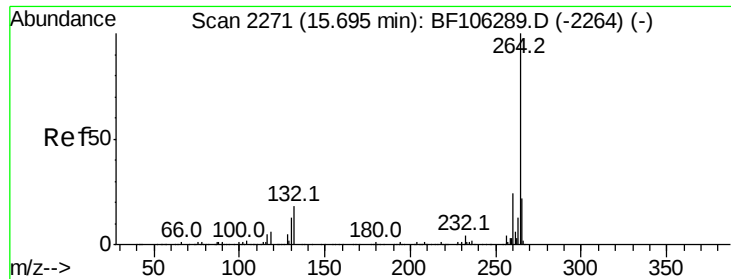
167 25.5 21.3 31.9

279 2.9 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

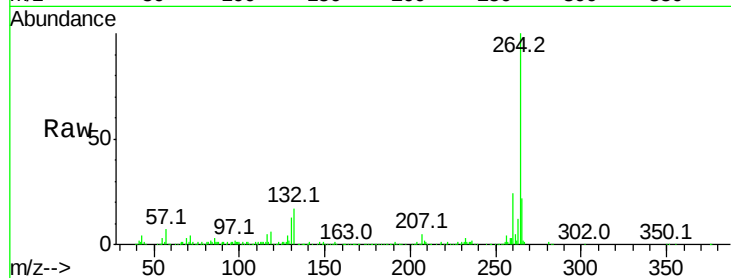




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF106372.D
Acq: 13 Jun 2018 4:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	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

