

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070318\
 Data File : BF107105.D
 Acq On : 4 Jul 2018 2:37
 Operator : JU/SJ
 Sample : J3816-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 03:14:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

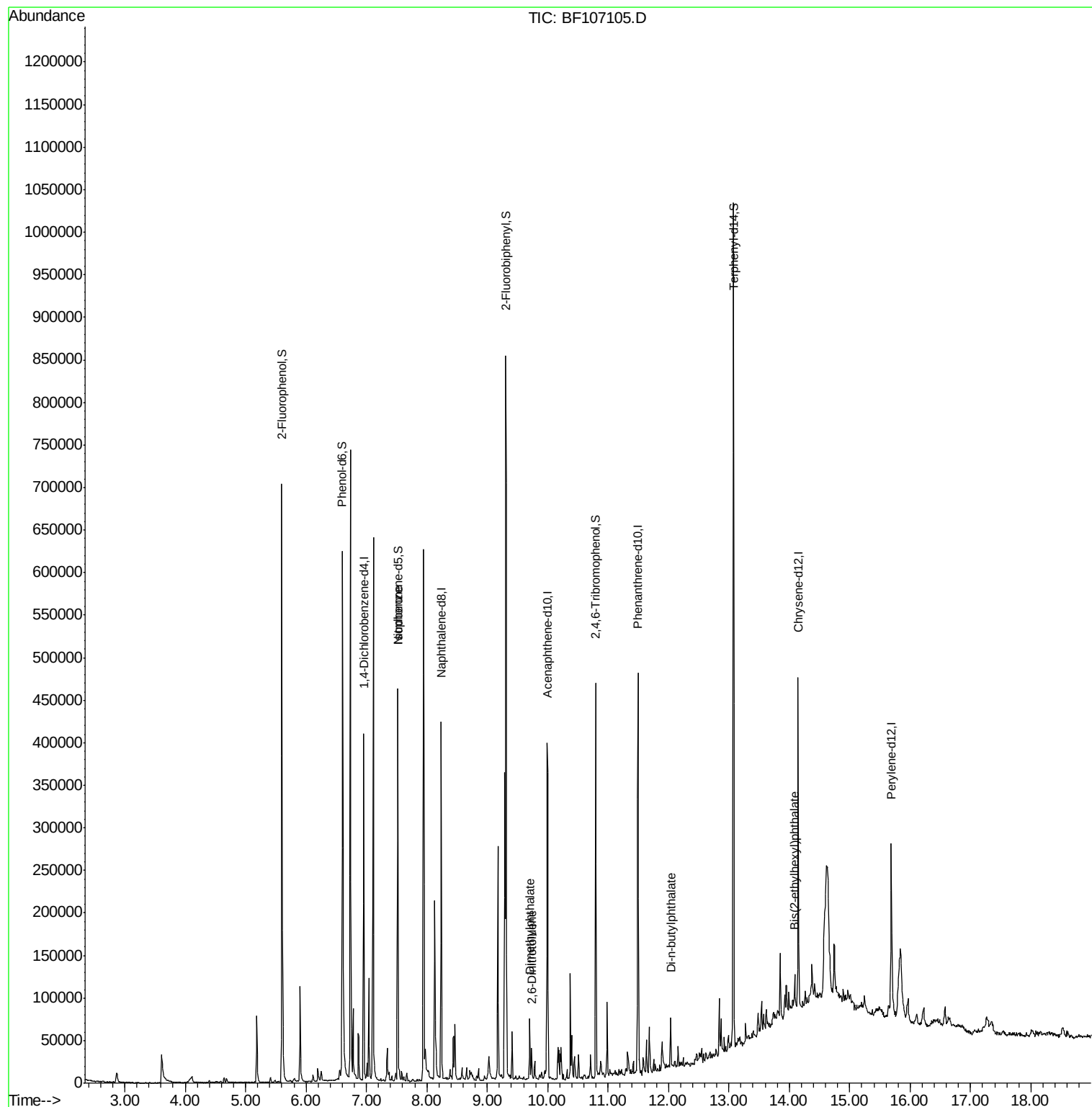
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	55203	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	190849	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	84610	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	168913	20.00	ng	0.00
75) Chrysene-d12	14.15	240	135324	20.00	ng	-0.02
86) Perylene-d12	15.69	264	99505	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	213902	65.61	ng	0.00
7) Phenol-d6	6.60	99	251324	61.73	ng	-0.01
23) Nitrobenzene-d5	7.52	82	141256	41.13	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	62844	64.08	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	269440	47.37	ng	-0.02
78) Terphenyl-d14	13.08	244	334835	59.94	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	7.10	107	494	Below Cal		Qvalue # 1
25) Isophorone	7.52	82	141255	23.342	ng	# 64
49) Dimethylphthalate	9.70	163	28913	4.556	ng	97
50) 2,6-Dinitrotoluene	9.73	165	3721	2.769	ng	# 24
73) Di-n-butylphthalate	12.04	149	30027	3.274	ng	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	10542	2.247	ng	# 94

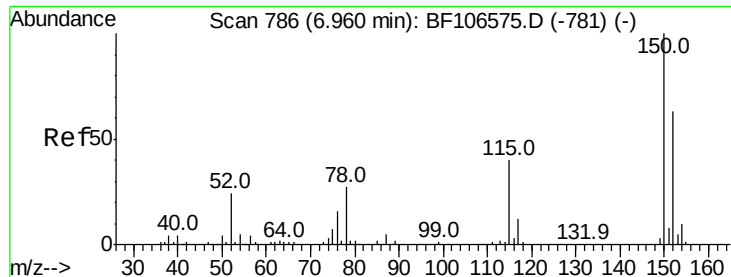
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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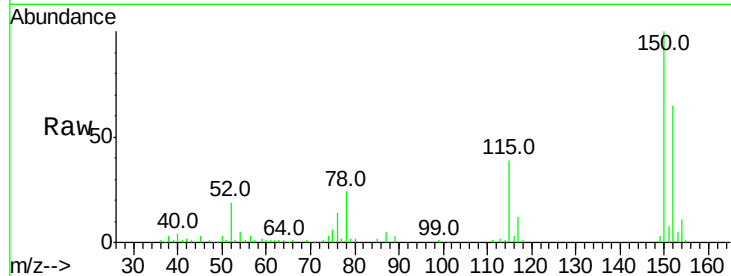


#1

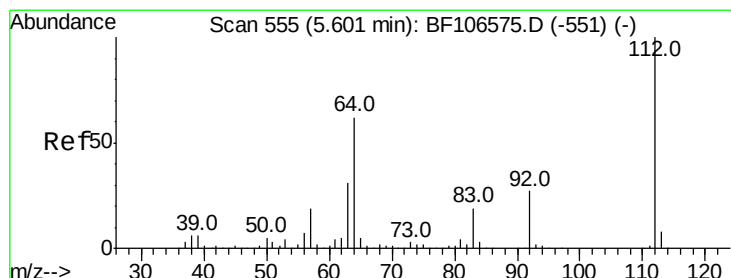
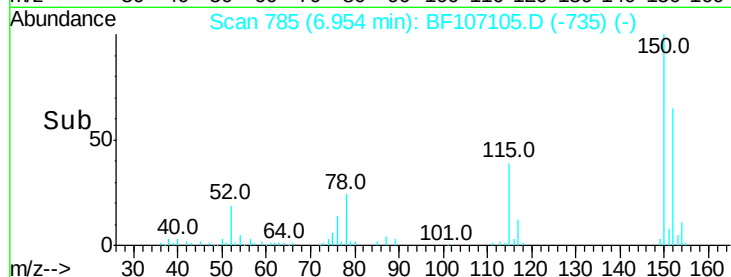
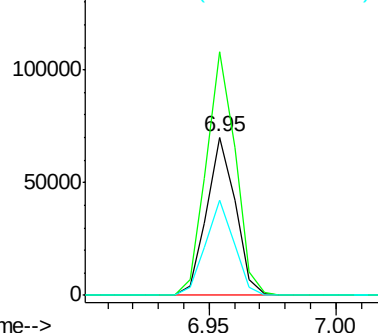
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107105.D
Acq: 4 Jul 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.6	186.8
115	60.1	50.1	75.1



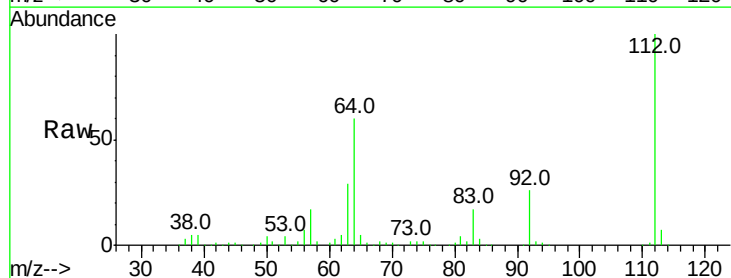
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



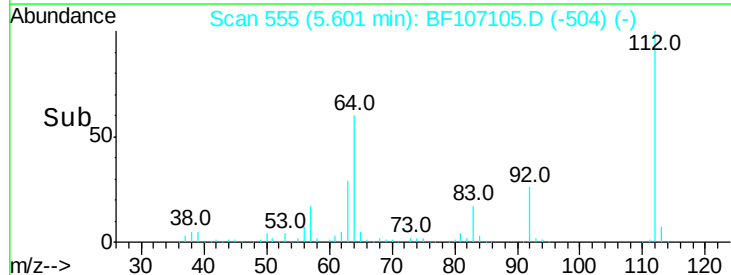
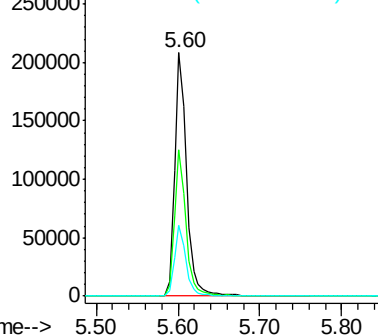
#5

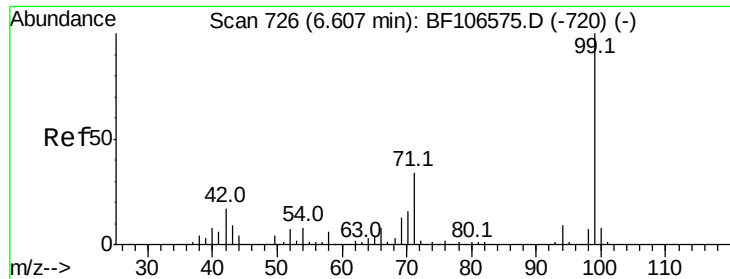
2-Fluorophenol
Concen: 65.613 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF107105.D
Acq: 4 Jul 2018 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.9	71.9
63	29.2	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: 61.733 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107105.D

Acq: 4 Jul 2018 2:37

Instrument :

BNA_F

ClientSampled :

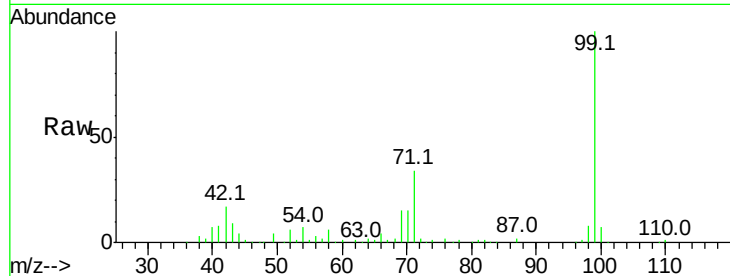
Tot Ion: 99 Resp: 251324

Ion Ratio Lower Upper

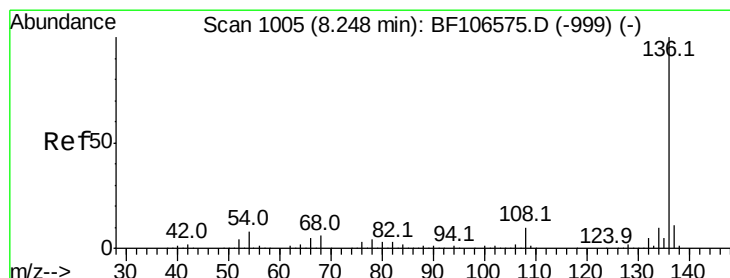
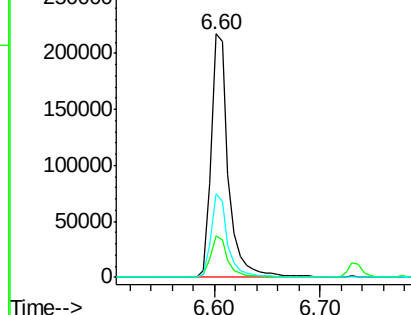
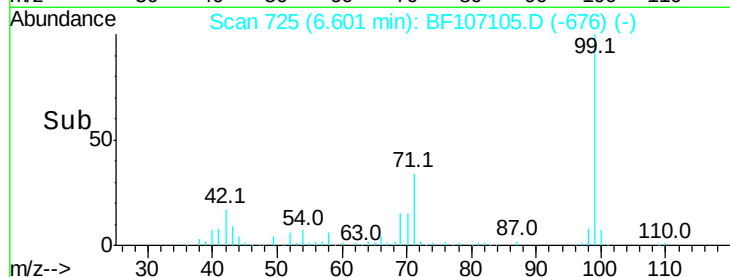
99 100

42 17.2 14.5 21.7

71 34.5 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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107105.D

Acq: 4 Jul 2018 2:37

Tgt Ion: 136 Resp: 190849

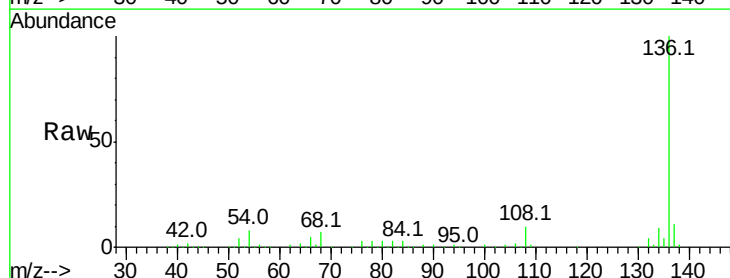
Ion Ratio Lower Upper

136 100

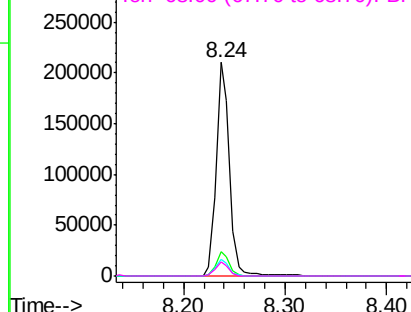
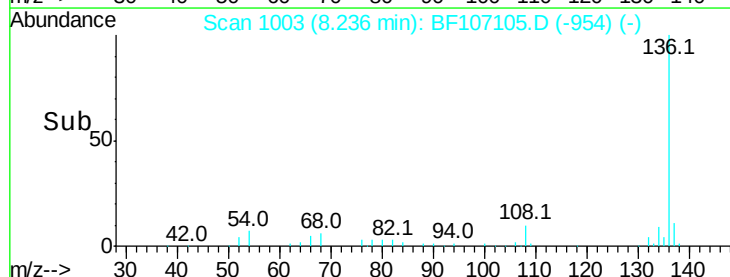
137 11.3 8.9 13.3

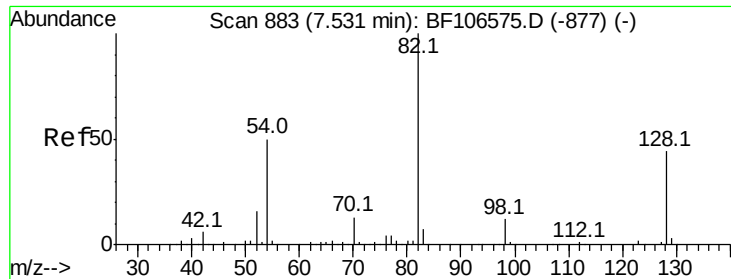
54 8.0 6.6 9.8

68 6.6 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

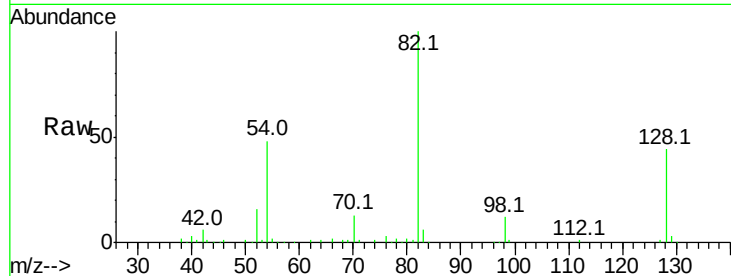




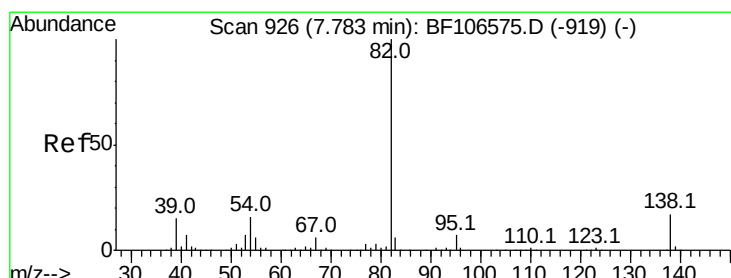
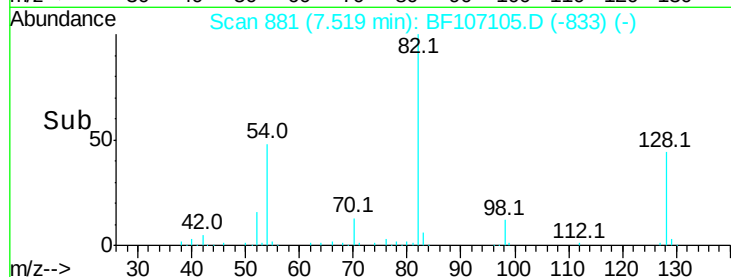
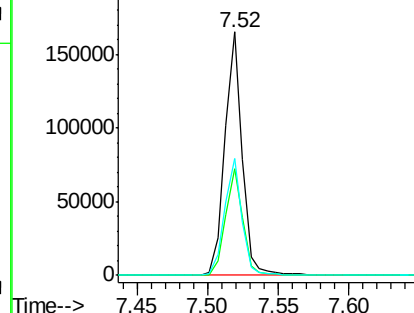
#23
Nitrobenzene-d5
Concen: 41.132 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107105.D
Acq: 4 Jul 2018 2:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.1	54.1
54	47.9	41.4	62.2

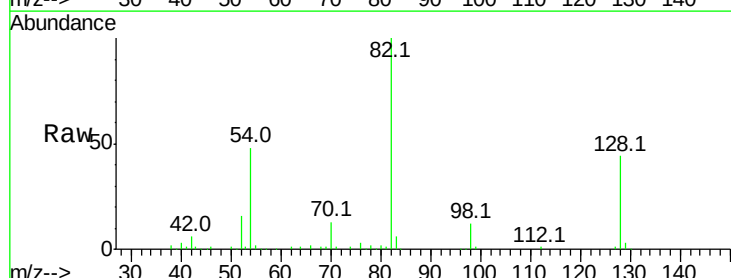


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

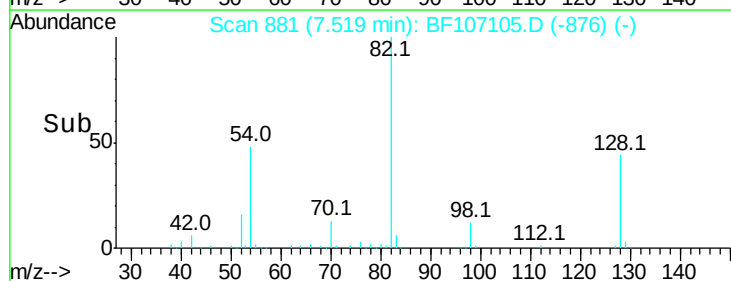
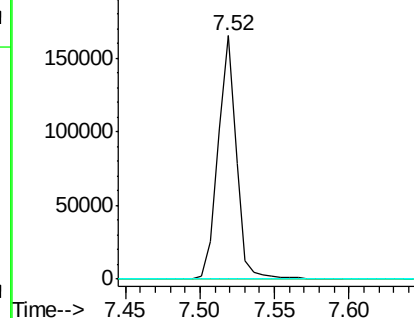


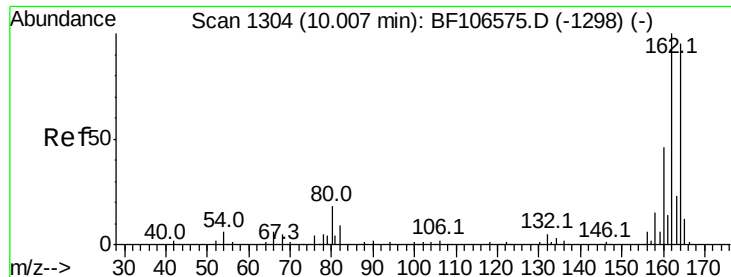
#25
Isophorone
Concen: 23.342 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.27 min
Lab File: BF107105.D
Acq: 4 Jul 2018 2:37

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

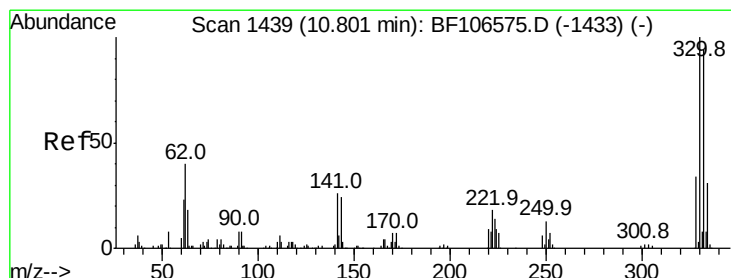
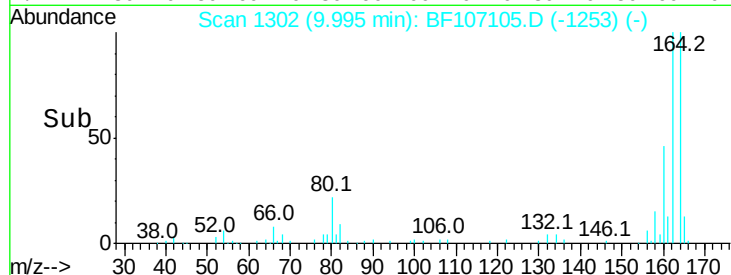
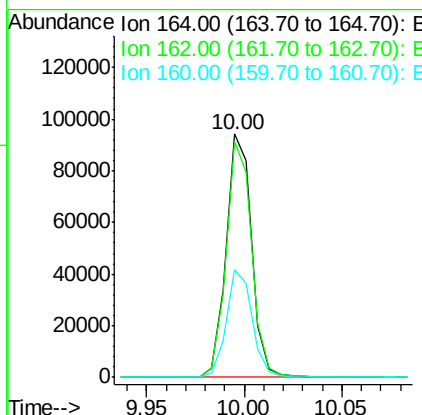
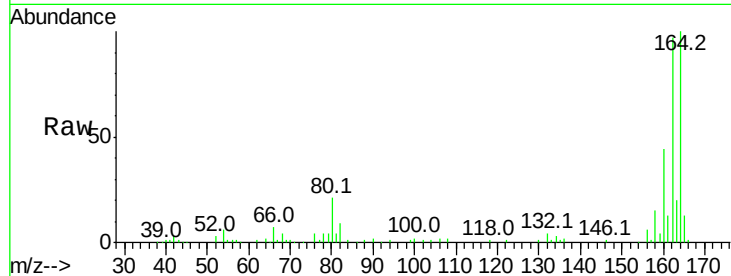




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107105.D
Acq: 4 Jul 2018 2:37

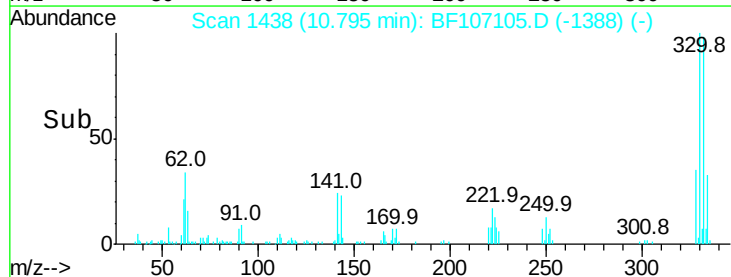
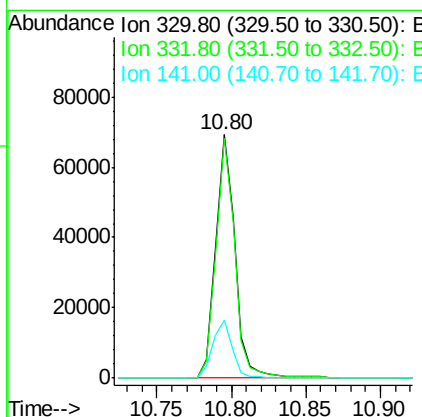
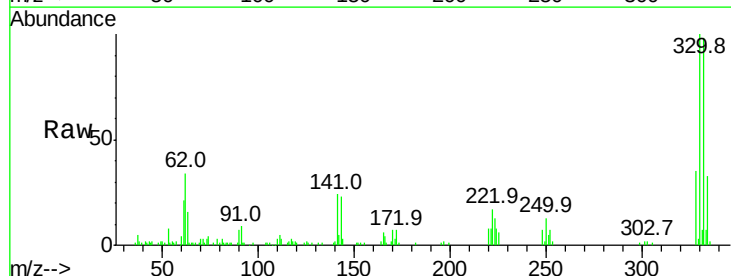
Instrument :
BNA_F
ClientSampleId :

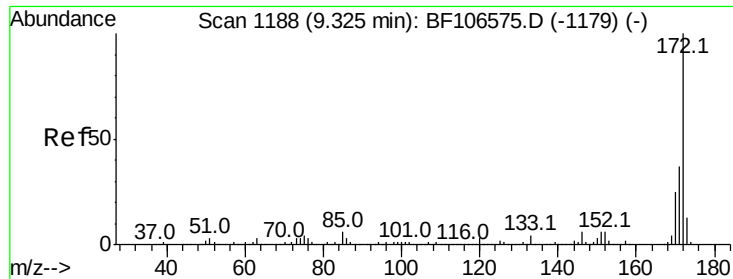
Tot Ion:164 Resp: 84610
Ion Ratio Lower Upper
164 100
162 97.0 86.1 129.1
160 44.2 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 64.084 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF107105.D
Acq: 4 Jul 2018 2:37

Tgt Ion:330 Resp: 62844
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.6
141 23.9 29.9 44.9#

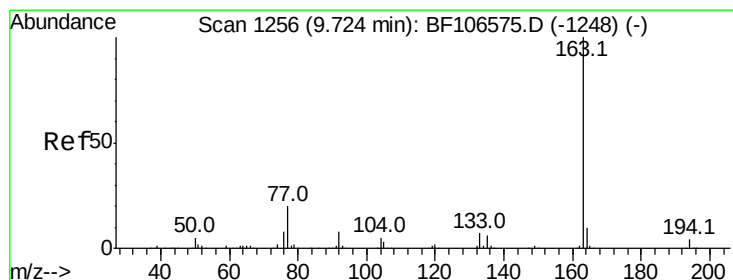
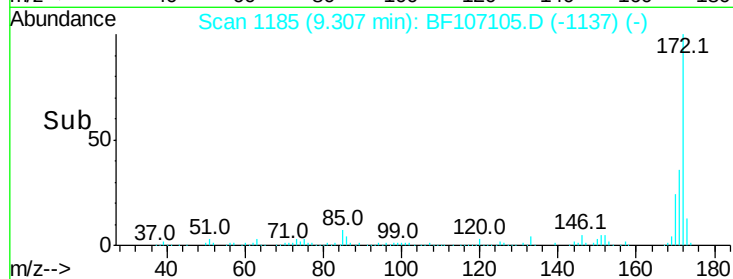
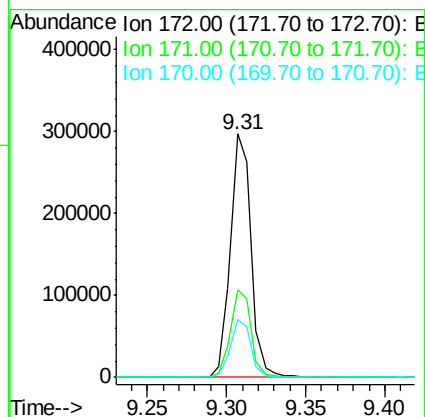
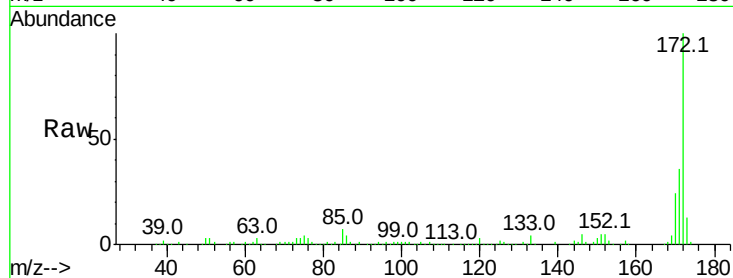




#44
 2-Fluorobiphenyl
 Concen: 47.371 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107105.D
 Acq: 4 Jul 2018 2:37

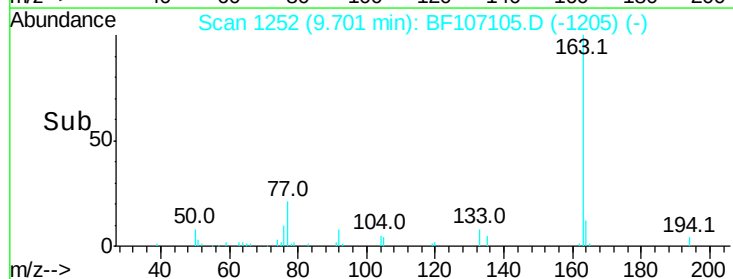
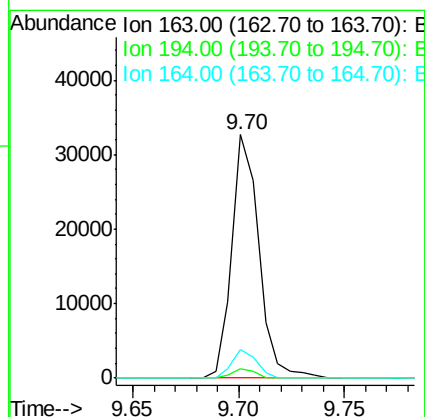
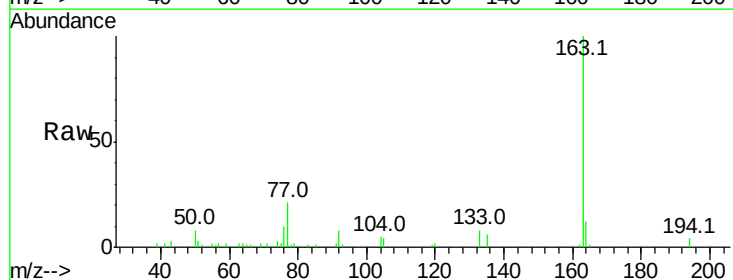
Instrument :
 BNA_F
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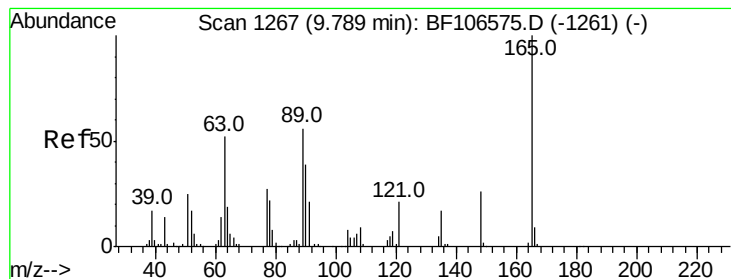
Tot Ion:172 Resp: 269440
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 4.556 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF107105.D
 Acq: 4 Jul 2018 2:37

Tgt Ion:163 Resp: 28913
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 11.5 8.2 12.2





#50

2,6-Dinitrotoluene

Concen: 2.769 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.06 min

Lab File: BF107105.D

Acq: 4 Jul 2018 2:37

Instrument :

BNA_F

ClientSampleId :

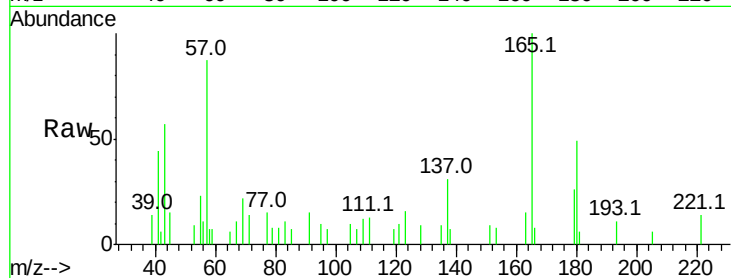
Tot Ion:165 Resp: 3721

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

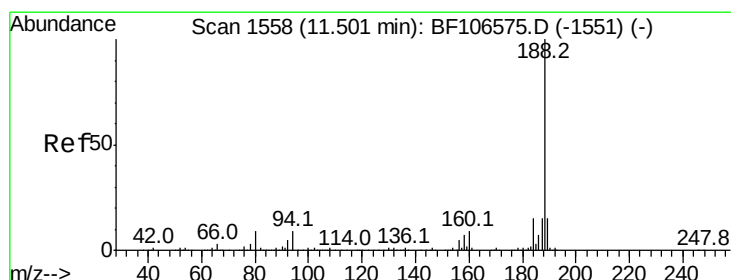
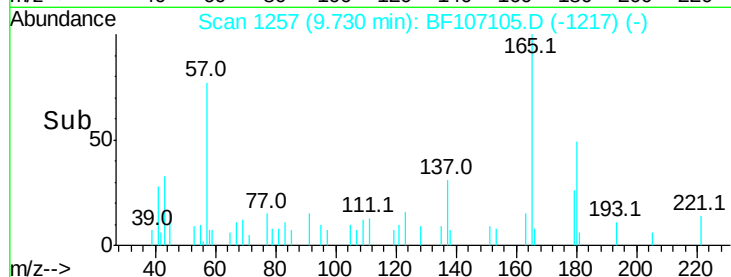
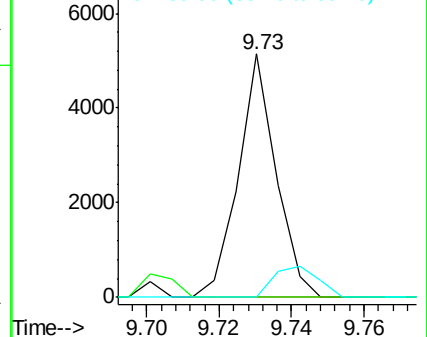
89 0.0 44.0 66.0#



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF107105.D

Acq: 4 Jul 2018 2:37

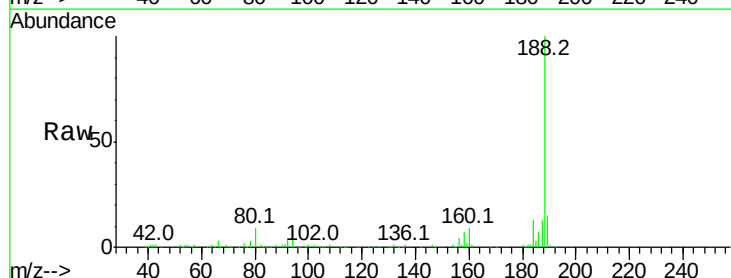
Tgt Ion:188 Resp: 168913

Ion Ratio Lower Upper

188 100

94 8.1 8.5 12.7#

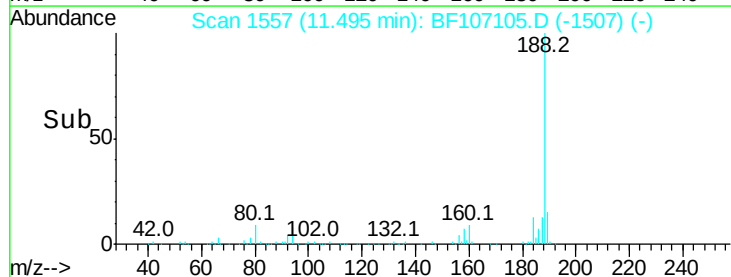
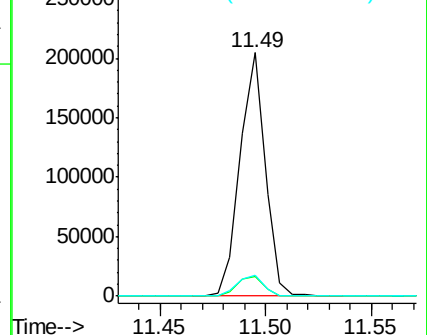
80 8.5 9.2 13.8#

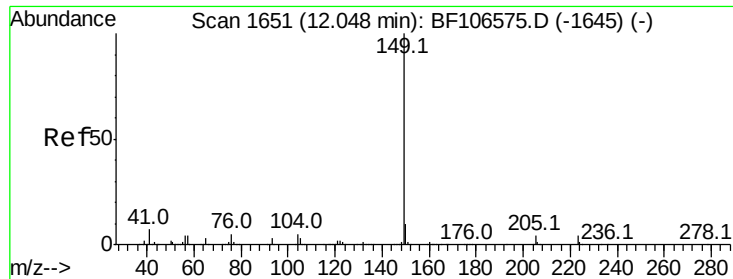


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#73

Di-n-butylphthalate

Concen: 3.274 ng

RT: 12.04 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BF107105.D

Acq: 4 Jul 2018 2:37

Instrument :

BNA_F

ClientSampleId :

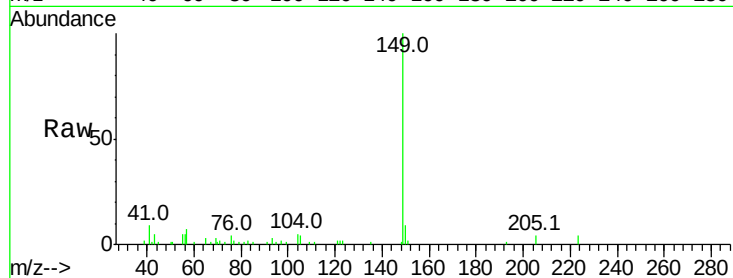
Tot Ion:149 Resp: 30027

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

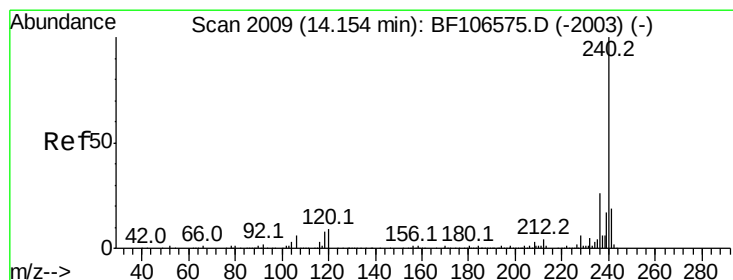
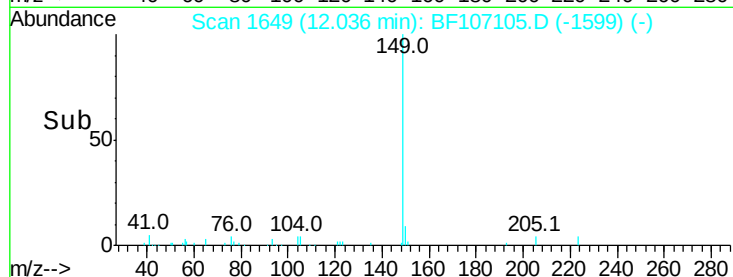
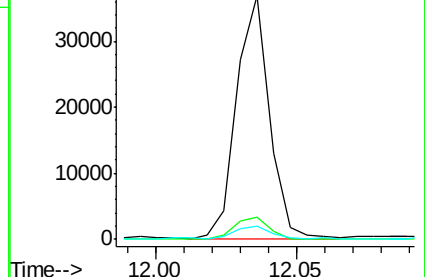
104 5.2 3.8 5.8



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. -0.02 min

Lab File: BF107105.D

Acq: 4 Jul 2018 2:37

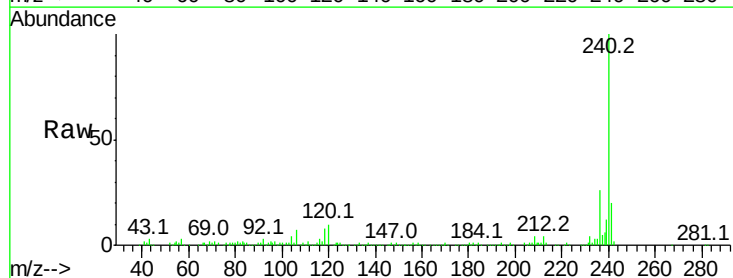
Tgt Ion:240 Resp: 135324

Ion Ratio Lower Upper

240 100

120 9.6 9.5 14.3

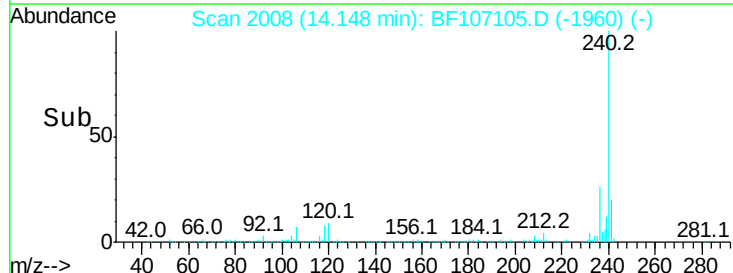
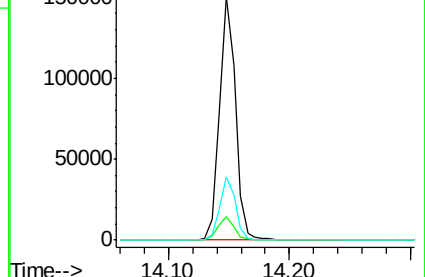
236 25.7 20.7 31.1

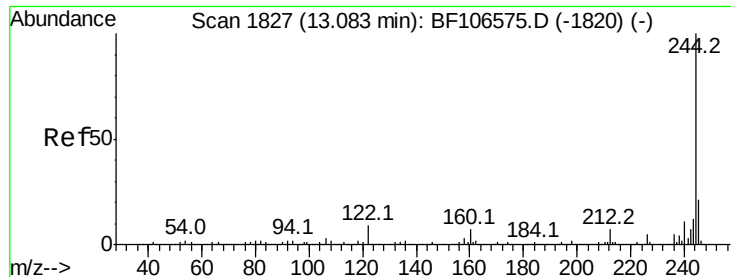


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

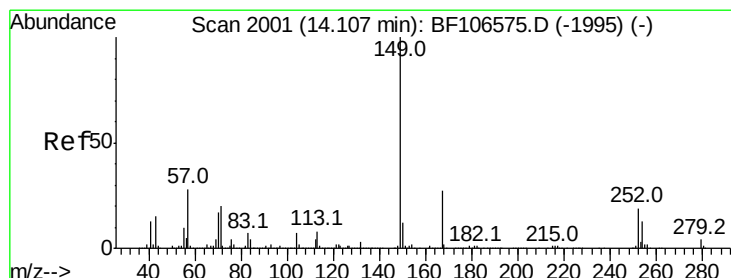
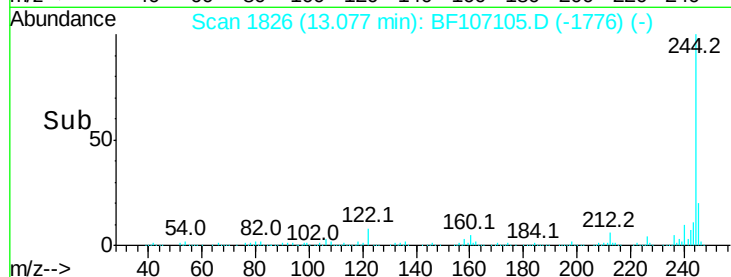
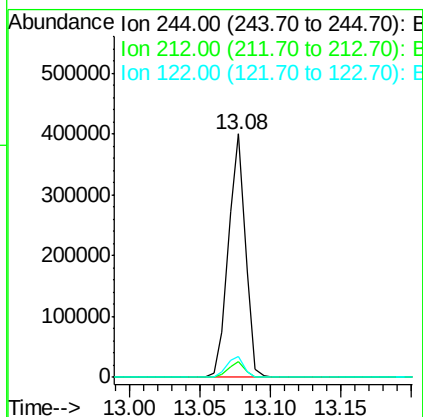
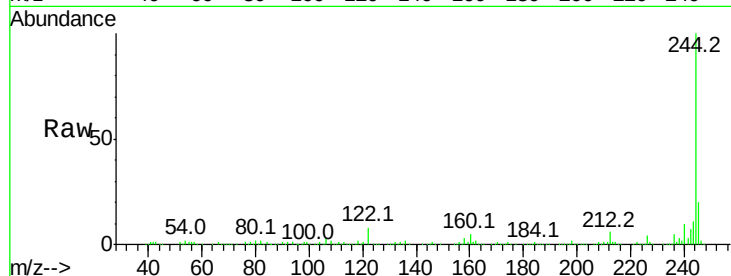




#78
 Terphenyl-d14
 Concen: 59.935 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF107105.D
 Acq: 4 Jul 2018 2:37

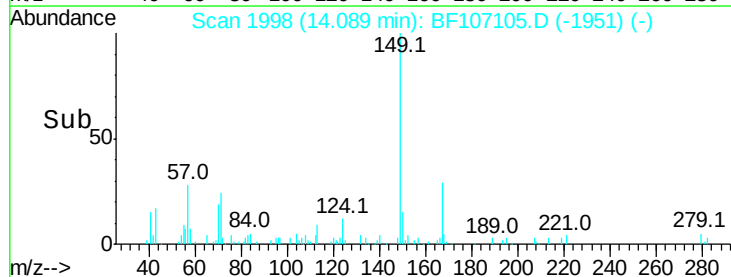
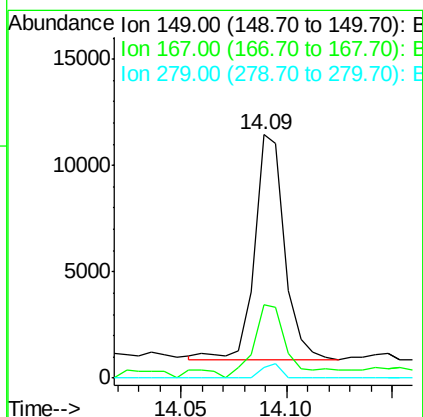
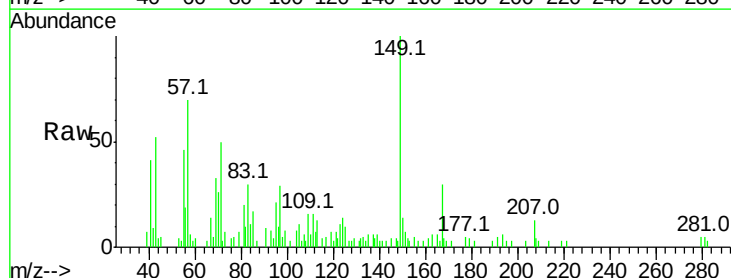
Instrument :
 BNA_F
 ClientSampleId :

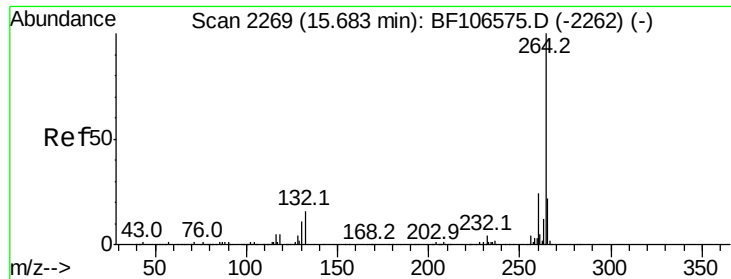
Tot Ion:244 Resp: 334835
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 8.4 11.0 16.4#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.247 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF107105.D
 Acq: 4 Jul 2018 2:37

Tgt Ion:149 Resp: 10542
 Ion Ratio Lower Upper
 149 100
 167 30.2 21.3 31.9
 279 4.5 3.0 4.4#





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF107105.D
 Acq: 4 Jul 2018 2:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3

