

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106805.D
 Acq On : 26 Jun 2018 6:52
 Operator : JU/SJ
 Sample : J3689-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 07:29:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

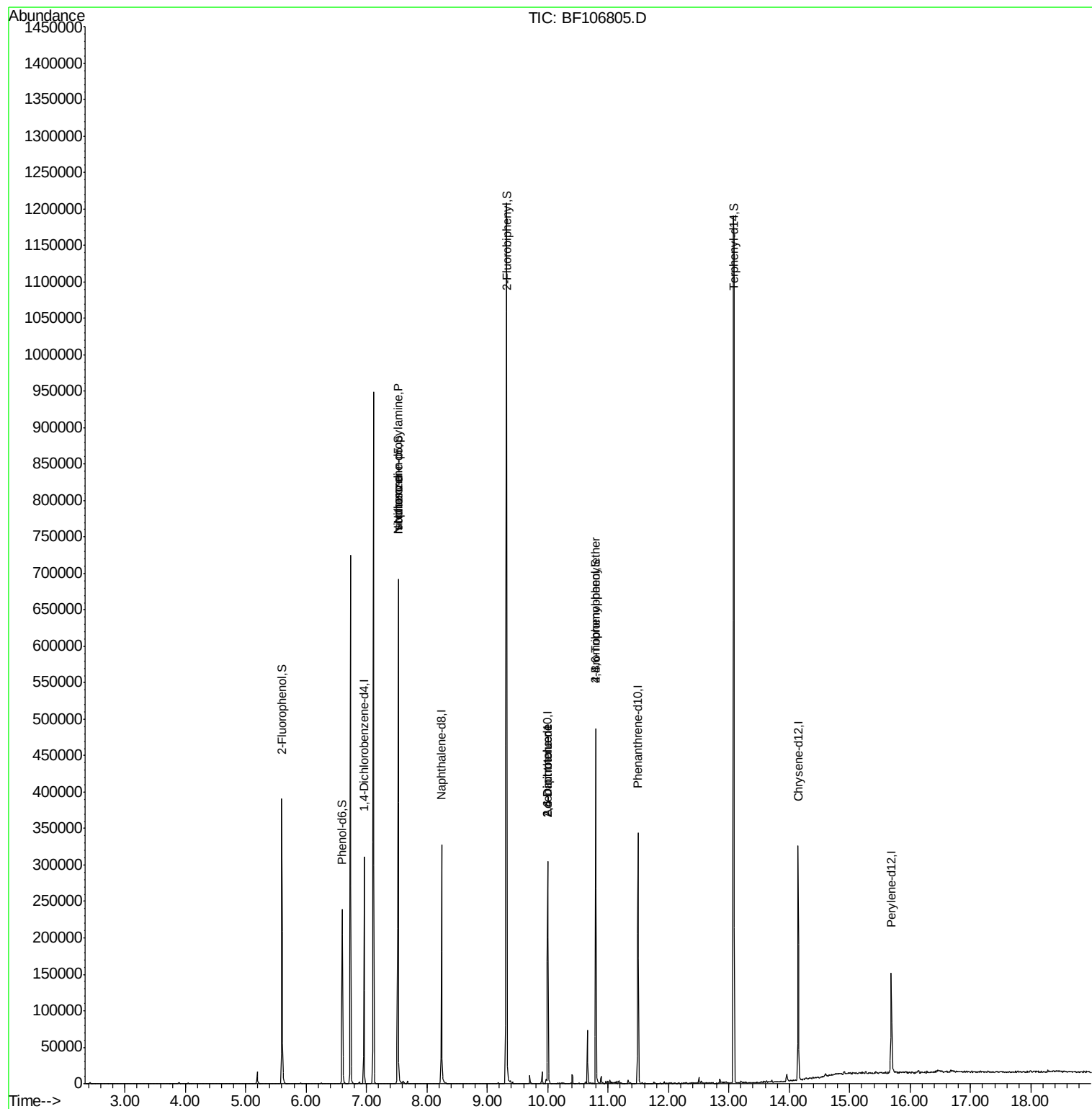
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	43526	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	150579	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	64736	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	128086	20.00	ng	0.00
75) Chrysene-d12	14.15	240	118888	20.00	ng	-0.02
86) Perylene-d12	15.69	264	79596	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	108505	42.21	ng	0.00
7) Phenol-d6	6.60	99	83061	25.88	ng	-0.02
23) Nitrobenzene-d5	7.52	82	237019	87.48	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	68421	91.19	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	428889	117.84	ng	0.00
78) Terphenyl-d14	13.08	244	480027	97.80	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	30293	14.317	ng	# 74
25) Isophorone	7.52	82	237017	49.641	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	8107	7.885	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8107	6.041	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	4094	2.678	ng	# 1

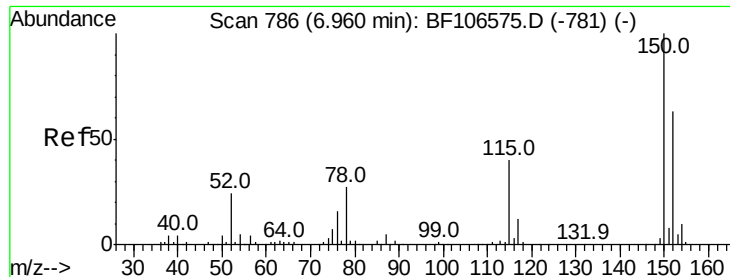
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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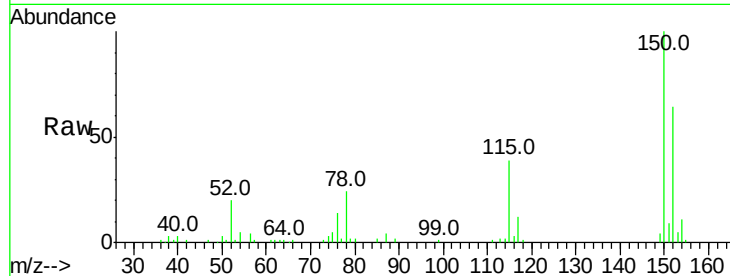


#1

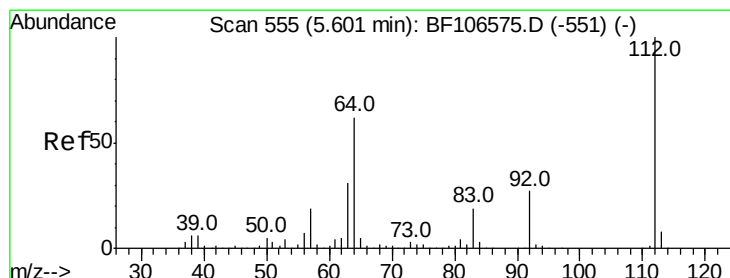
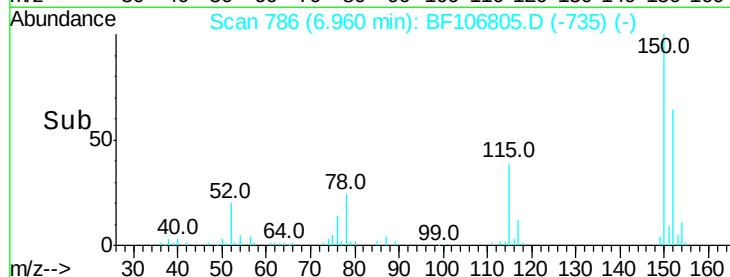
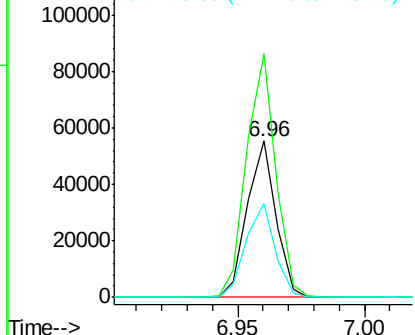
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106805.D
Acq: 26 Jun 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43526
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.0 50.1 75.1



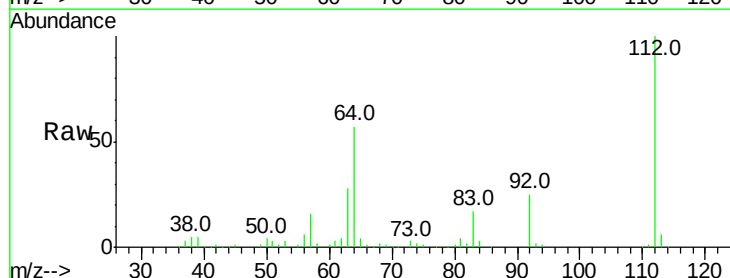
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



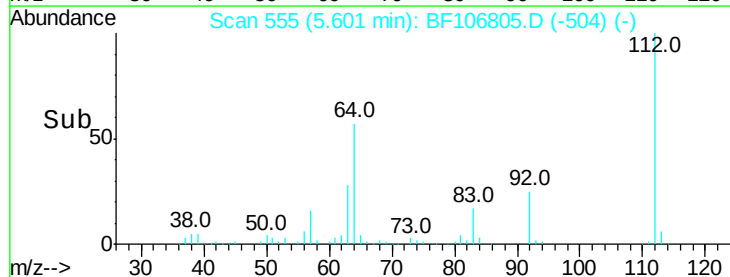
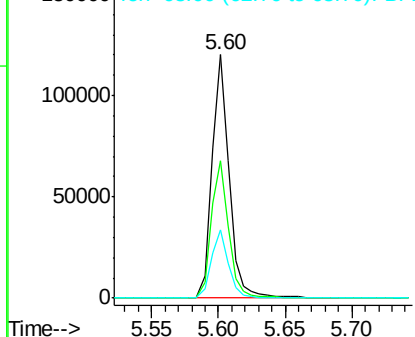
#5

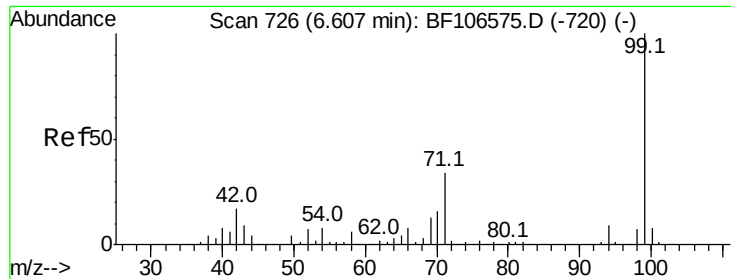
2-Fluorophenol
Concen: 42.212 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106805.D
Acq: 26 Jun 2018 6:52

Tgt Ion:112 Resp: 108505
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 27.8 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: 25.876 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106805.D

Acq: 26 Jun 2018 6:52

Instrument :

BNA_F

ClientSampled :

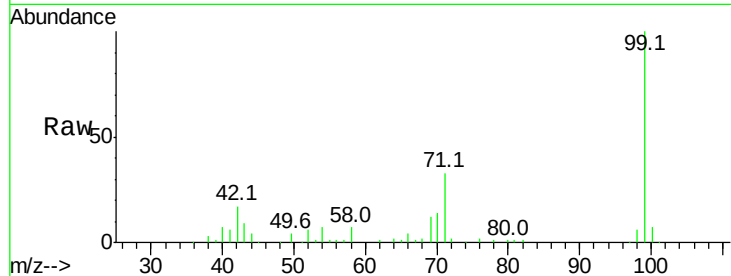
Tot Ion: 99 Resp: 83061

Ion Ratio Lower Upper

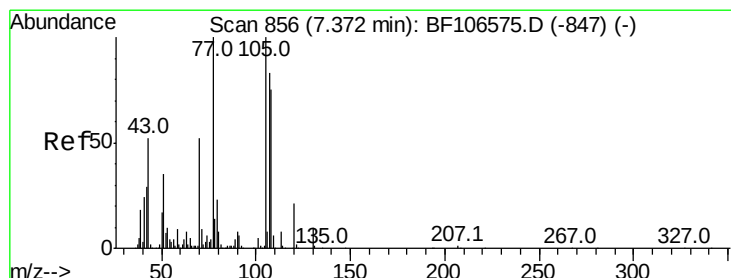
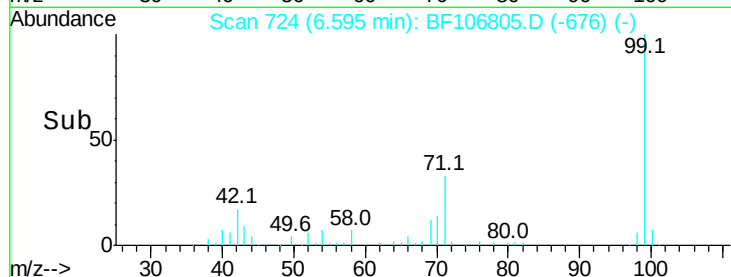
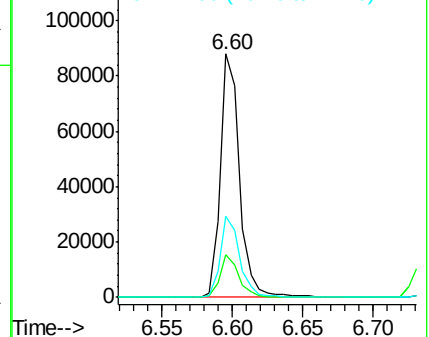
99 100

42 17.3 14.5 21.7

71 33.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.317 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106805.D

Acq: 26 Jun 2018 6:52

Tgt Ion: 70 Resp: 30293

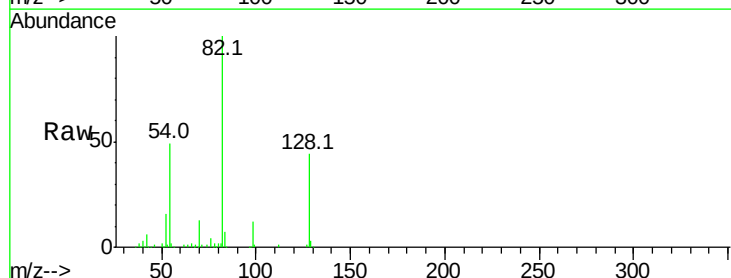
Ion Ratio Lower Upper

70 100

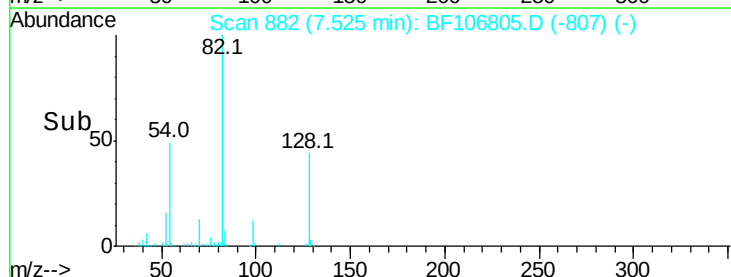
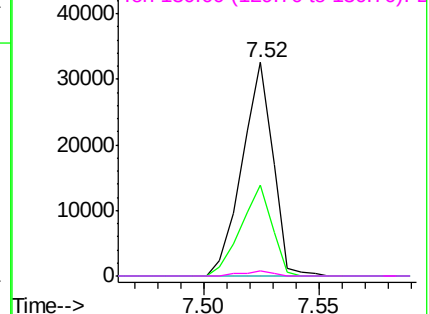
42 42.9 47.5 71.3#

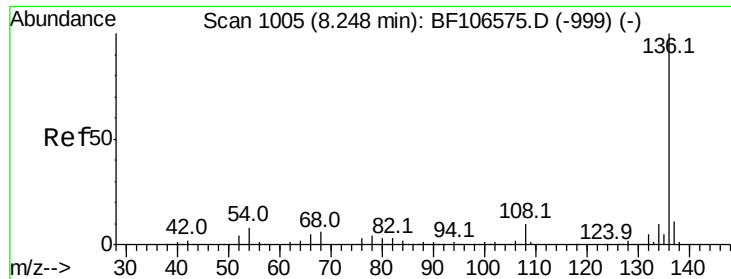
101 0.0 7.4 11.2#

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

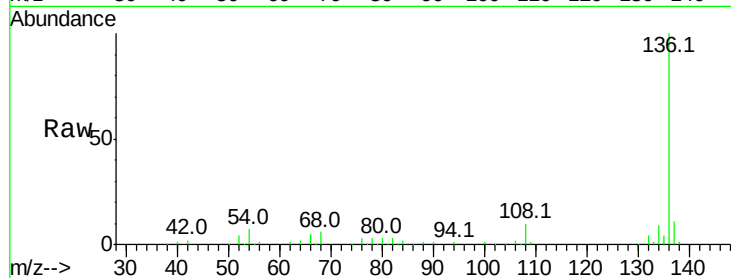




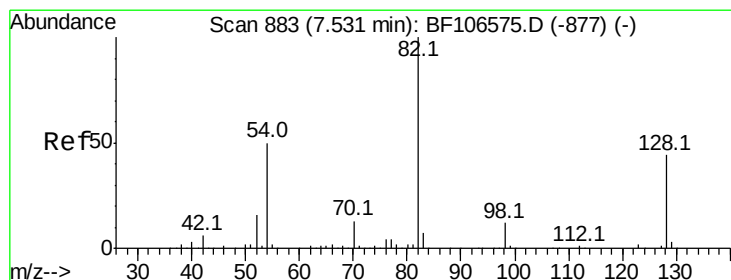
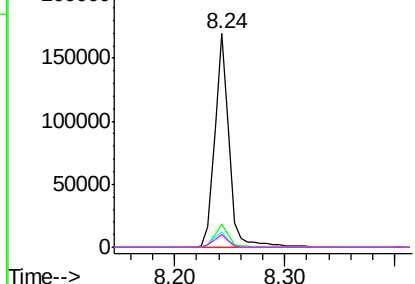
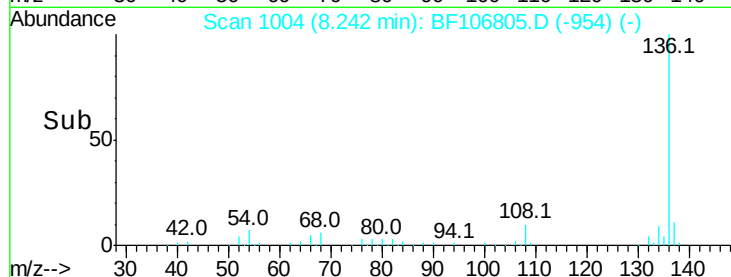
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106805.D
Acq: 26 Jun 2018 6:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	150579
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.5	6.6	9.8
68	5.8	5.0	7.4

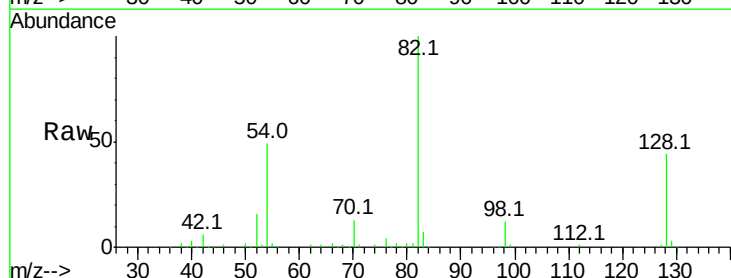


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

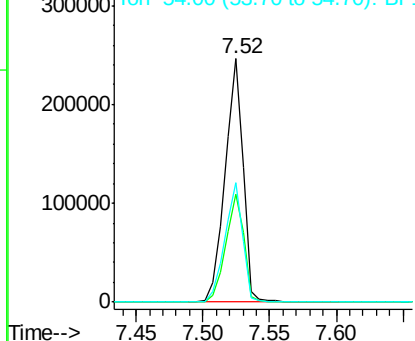
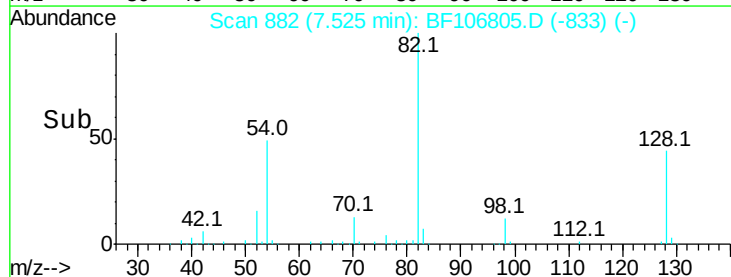


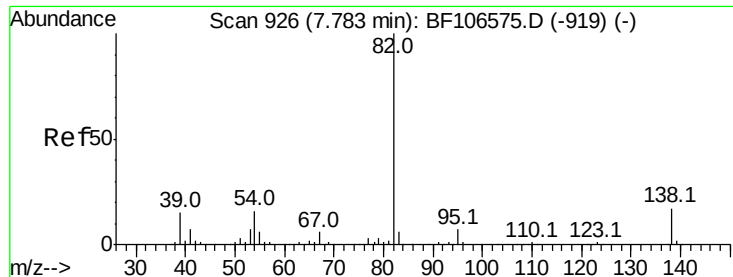
#23
Nitrobenzene-d5
Concen: 87.476 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106805.D
Acq: 26 Jun 2018 6:52

Tgt Ion:	82	Resp:	237019
Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	48.8	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: 49.641 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106805.D

Acq: 26 Jun 2018 6:52

Instrument :

BNA_F

ClientSampleId :

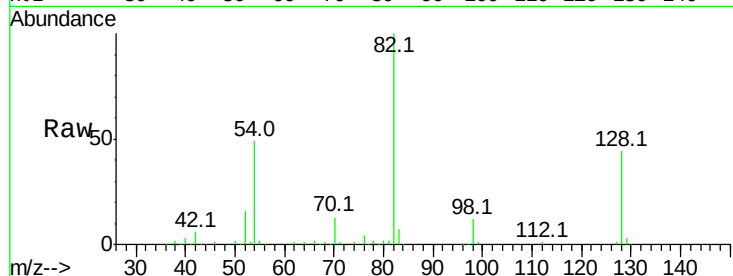
Tot Ion: 82 Resp: 237017

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

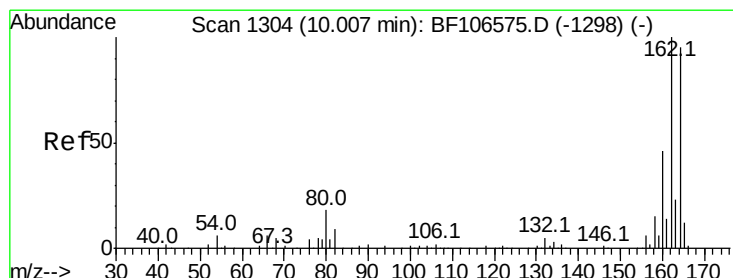
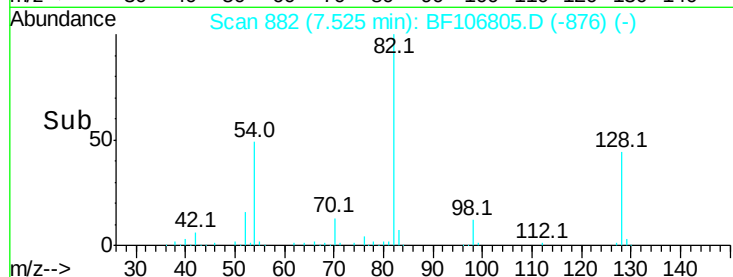
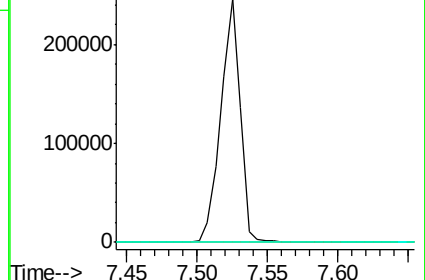
138 0.0 14.9 22.3#



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# 1303

Delta R.T. -0.01 min

Lab File: BF106805.D

Acq: 26 Jun 2018 6:52

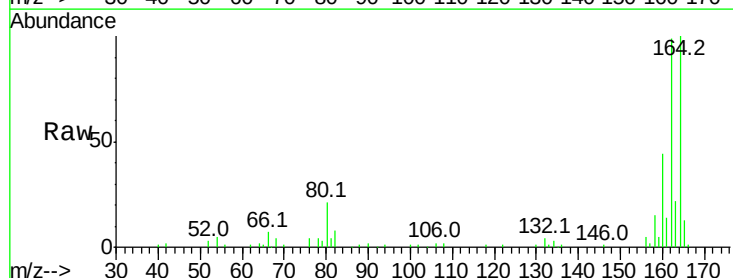
Tgt Ion: 164 Resp: 64736

Ion Ratio Lower Upper

164 100

162 98.6 86.1 129.1

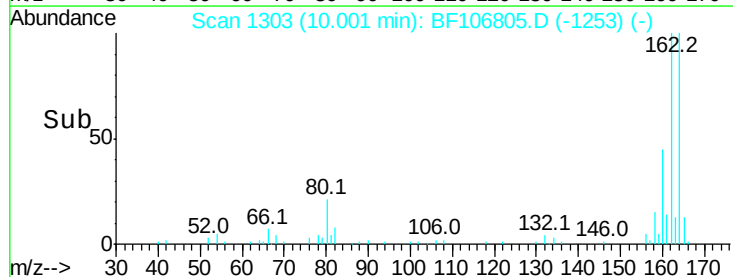
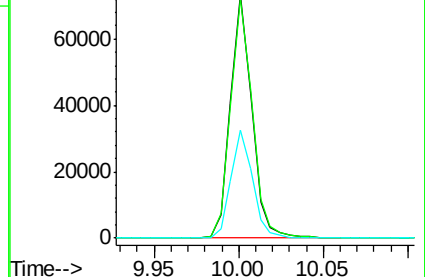
160 44.2 38.3 57.5

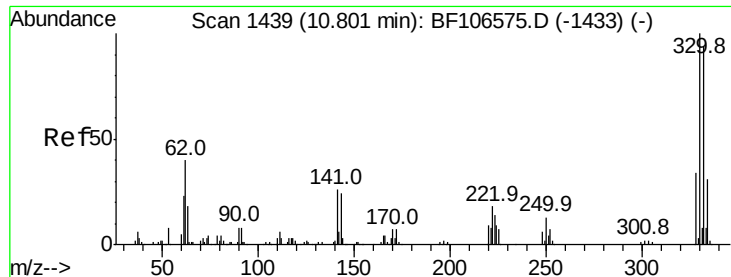


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

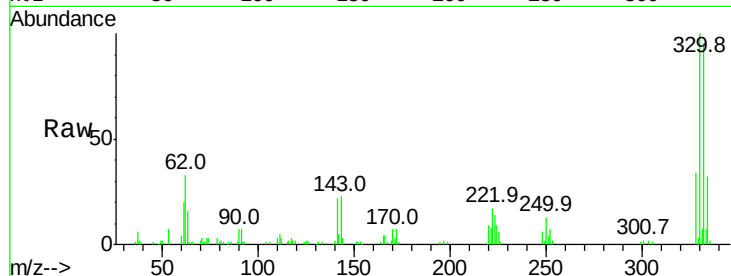




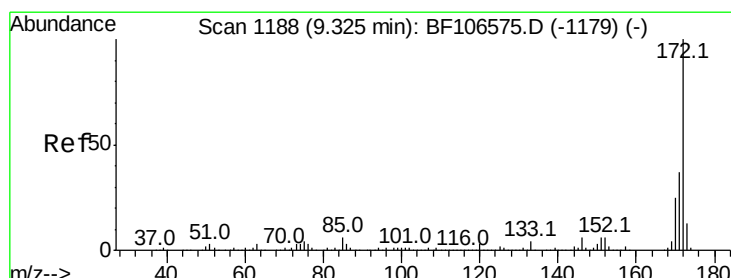
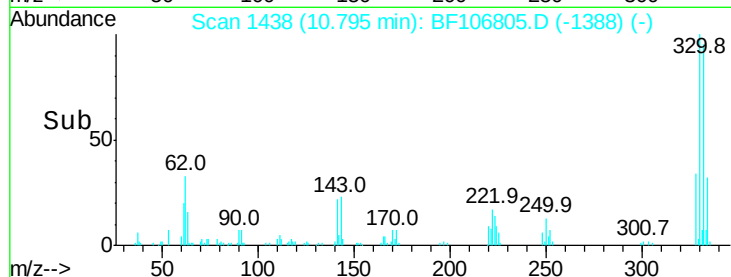
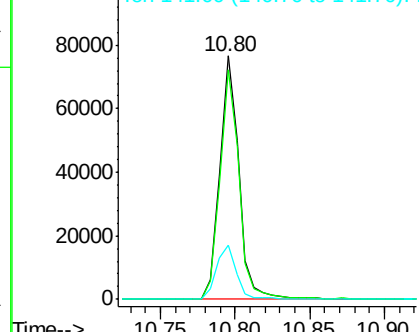
#41
 2,4,6-Tribromophenol
 Concen: 91.191 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106805.D
 Acq: 26 Jun 2018 6:52

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	22.9	29.9	44.9#

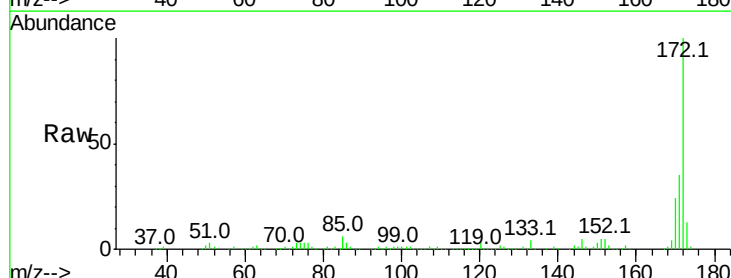


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

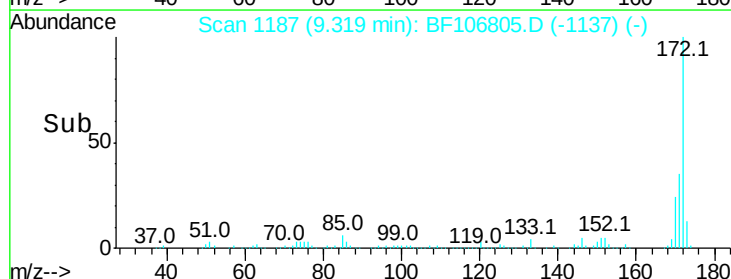
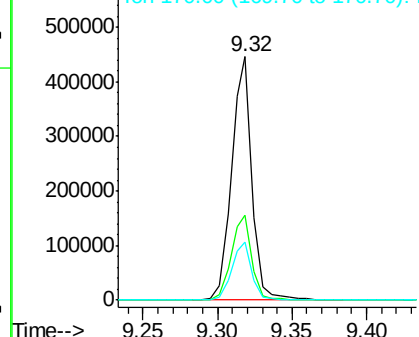


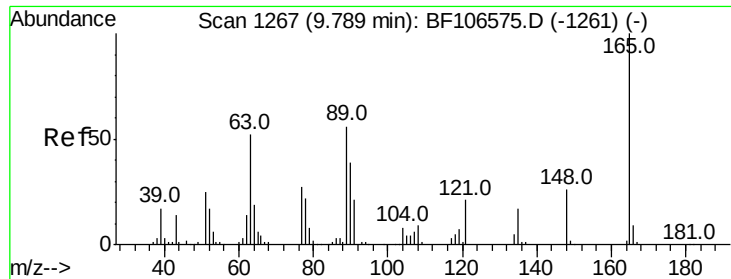
#44
 2-Fluorobiphenyl
 Concen: 117.839 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106805.D
 Acq: 26 Jun 2018 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.7	44.5
170	24.0	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

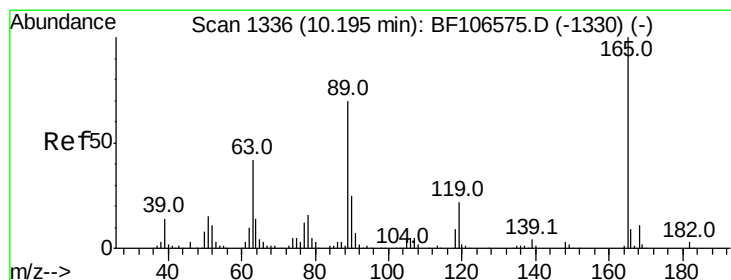
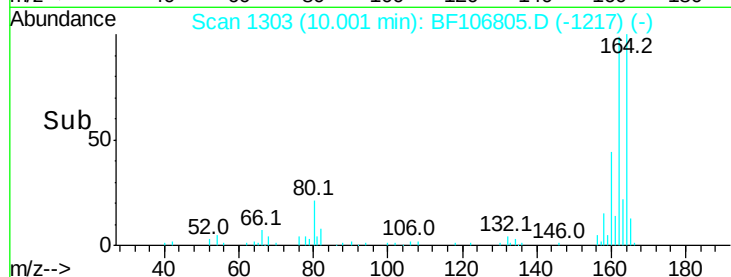
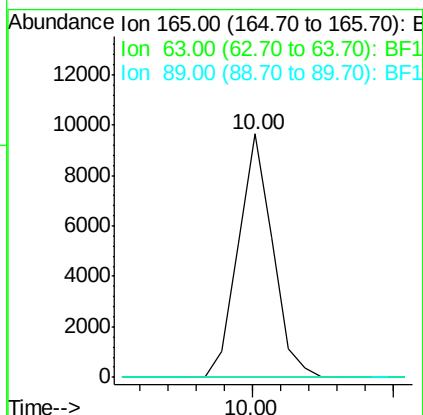
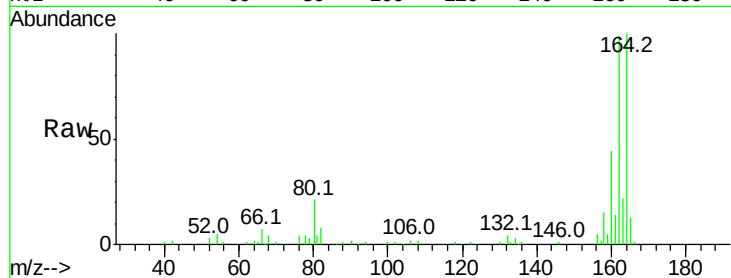




#50
 2,6-Dinitrotoluene
 Concen: 7.885 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106805.D
 Acq: 26 Jun 2018 6:52

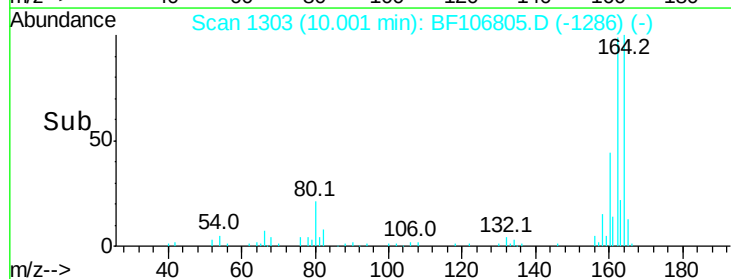
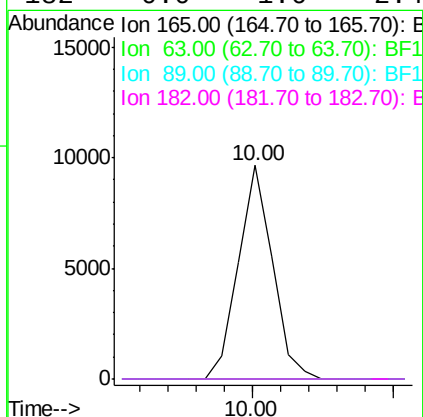
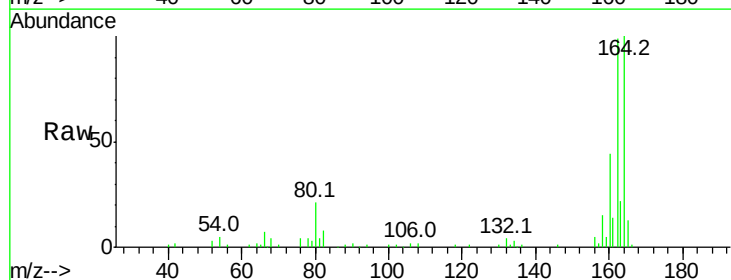
Instrument :
 BNA_F
 ClientSampleId :

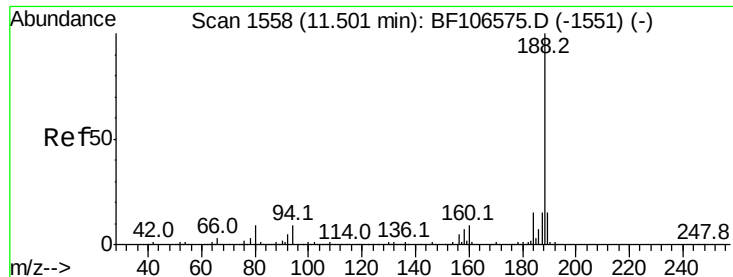
Tot Ion:165 Resp: 8107
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.041 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF106805.D
 Acq: 26 Jun 2018 6:52

Tgt Ion:165 Resp: 8107
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

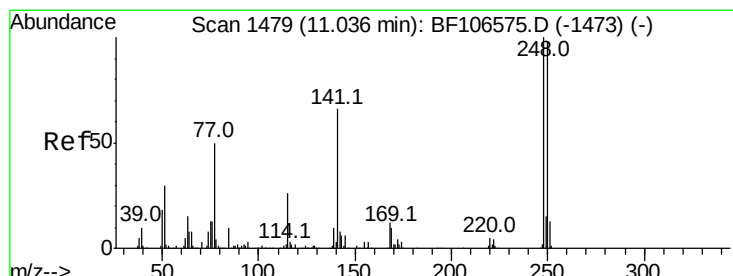
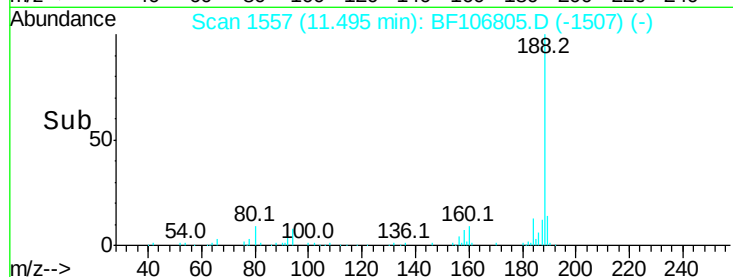
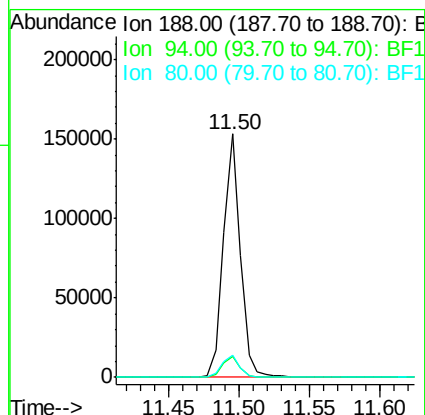
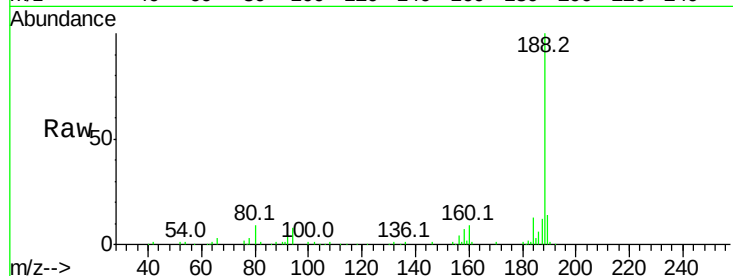




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF106805.D
Acq: 26 Jun 2018 6:52

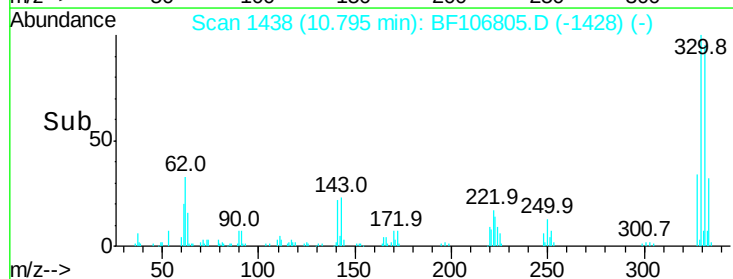
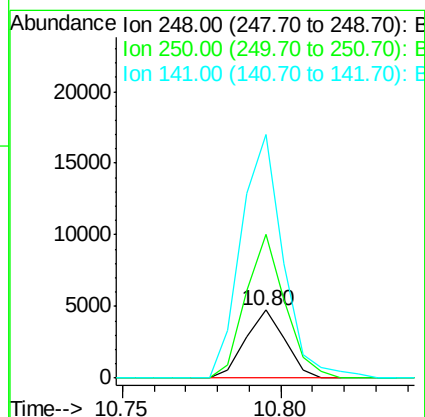
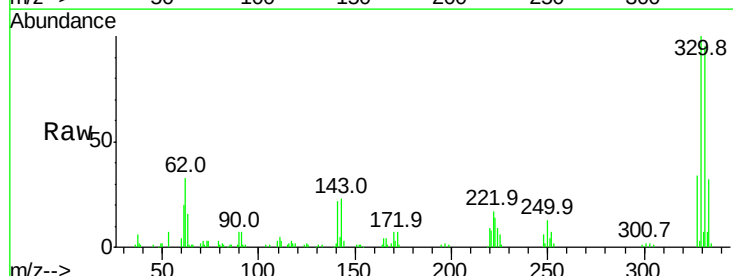
Instrument :
BNA_F
ClientSampled :

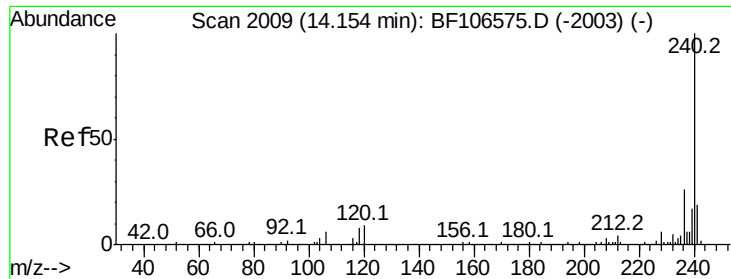
Tot Ion:188 Resp: 128086
Ion Ratio Lower Upper
188 100
94 8.3 8.5 12.7#
80 9.0 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.678 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106805.D
Acq: 26 Jun 2018 6:52

Tgt Ion:248 Resp: 4094
Ion Ratio Lower Upper
248 100
250 212.6 76.9 115.3#
141 359.6 74.4 111.6#

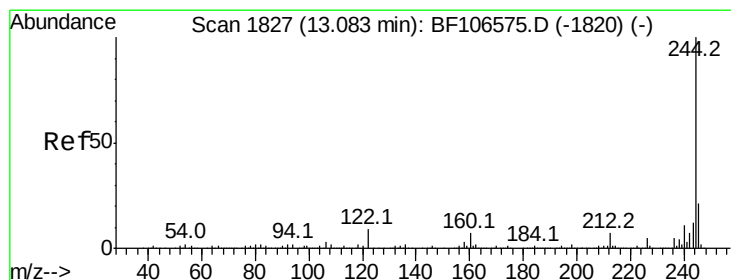
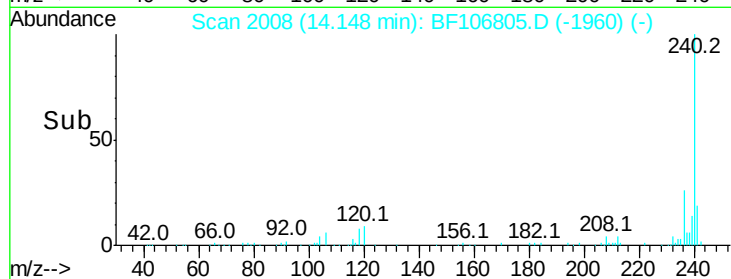
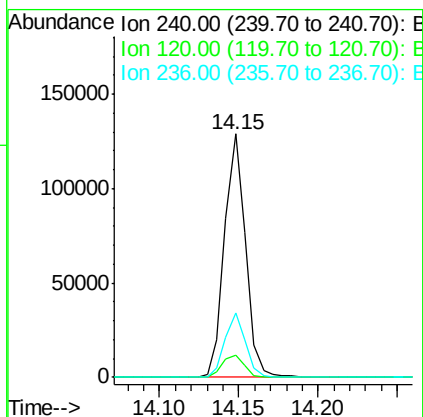
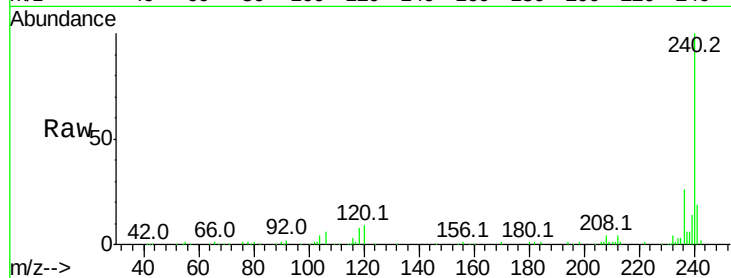




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF106805.D
 Acq: 26 Jun 2018 6:52

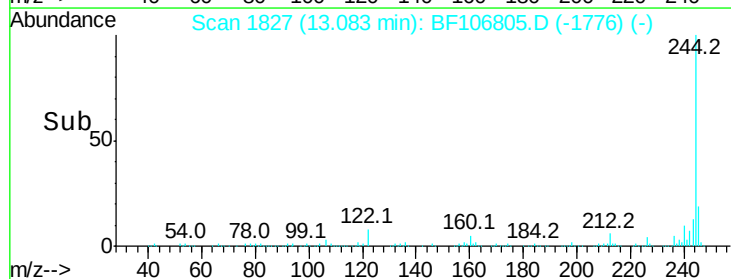
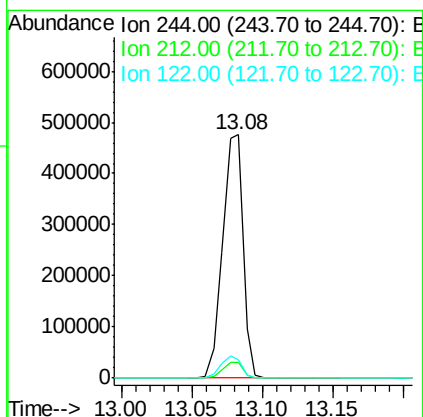
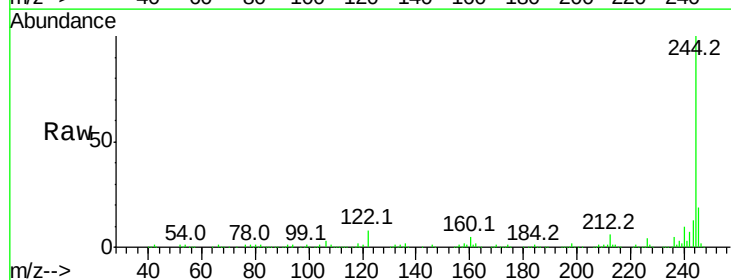
Instrument :
 BNA_F
 ClientSampleId :

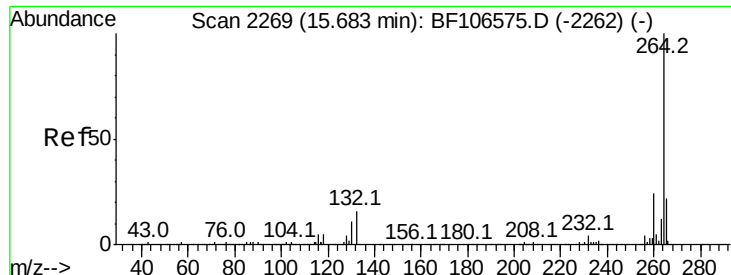
Tot Ion:240 Resp: 118888
 Ion Ratio Lower Upper
 240 100
 120 9.4 9.5 14.3#
 236 26.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 97.804 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. 0.00 min
 Lab File: BF106805.D
 Acq: 26 Jun 2018 6:52

Tgt Ion:244 Resp: 480027
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 7.7 11.0 16.4#

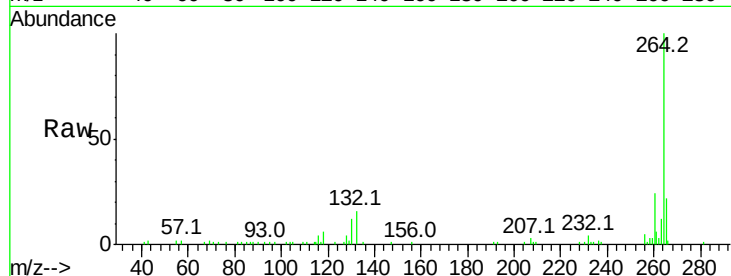




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106805.D
 Acq: 26 Jun 2018 6:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	79596
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.0	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

