

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106856.D
 Acq On : 27 Jun 2018 6:52
 Operator : JU/SJ
 Sample : J3687-02
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Jun 27 07:59:48 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

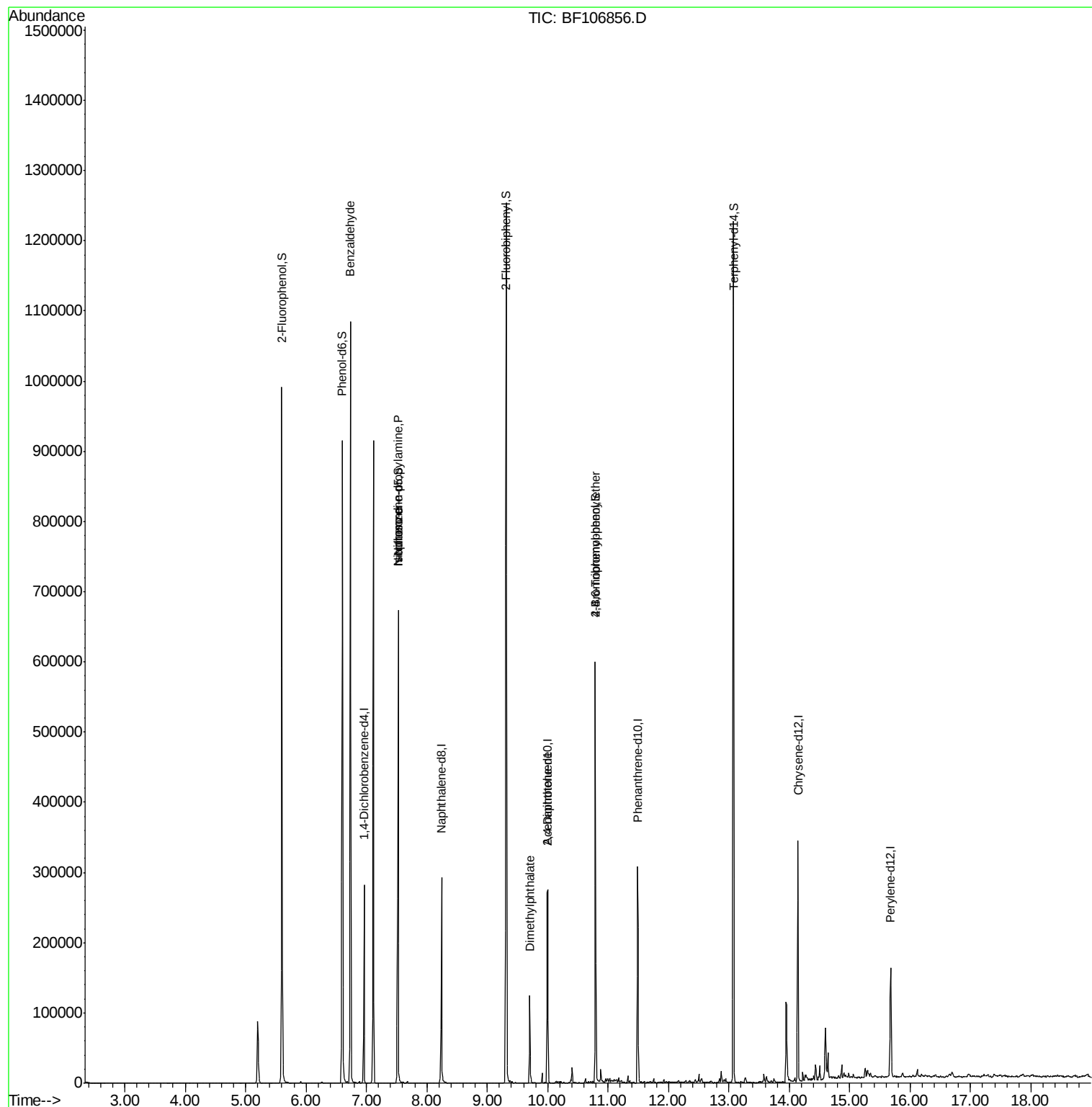
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42621	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	145934	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	64240	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	120832	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	126892	20.00	ng	-0.02
86) Perylene-d12	15.68	264	83650	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	303537	120.59	ng	0.00
7) Phenol-d6	6.60	99	373636	118.87	ng	-0.01
23) Nitrobenzene-d5	7.52	82	225881	86.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	98376	132.13	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	408494	112.38	ng	-0.01
78) Terphenyl-d14	13.08	244	473806	90.45	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	6275	2.371	ng	88
19) n-Nitroso-di-n-propylamine	7.52	70	29282	14.133	ng	# 72
25) Isophorone	7.52	82	225913	48.822	ng	# 64
49) Dimethylphthalate	9.70	163	59496	12.348	ng	97
56) 2,4-Dinitrotoluene	10.00	165	8201	6.158	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	6059	4.202	ng	# 1

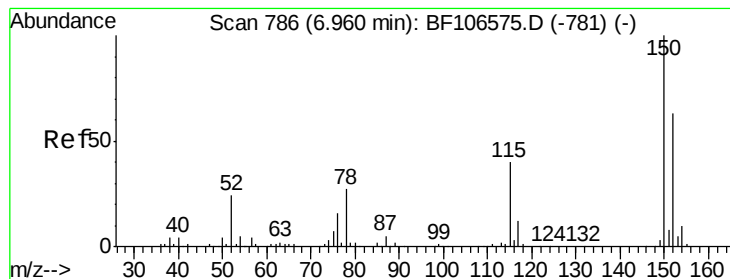
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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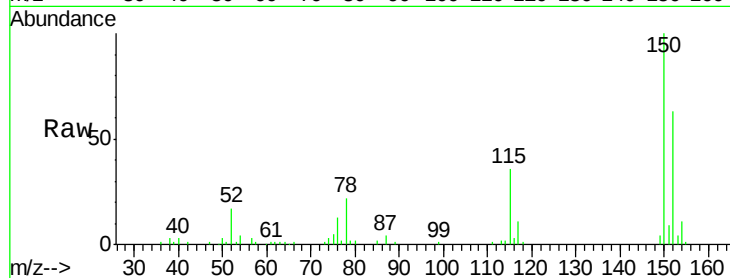


#1

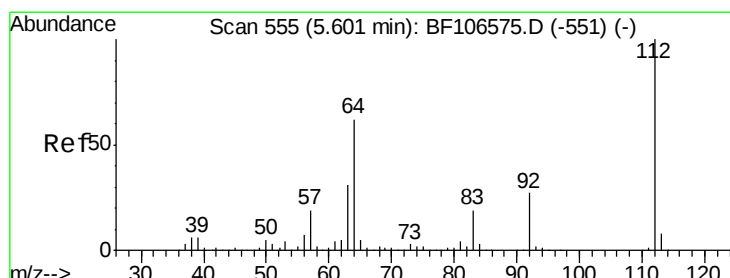
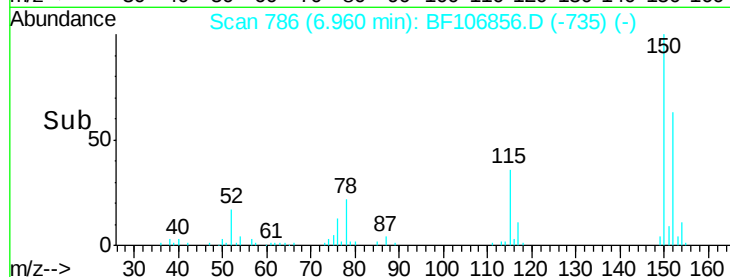
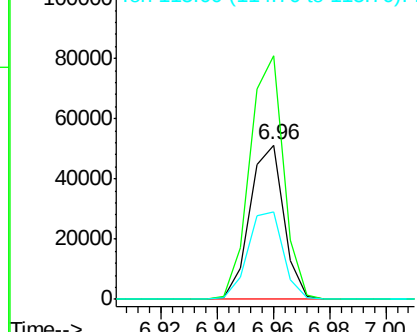
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

Instrument :
BNA_F
ClientSampled :
PE-2

Tgt Ion:152 Resp: 42621
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 56.7 50.1 75.1



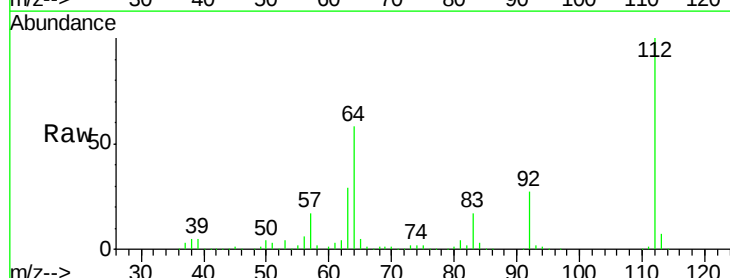
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



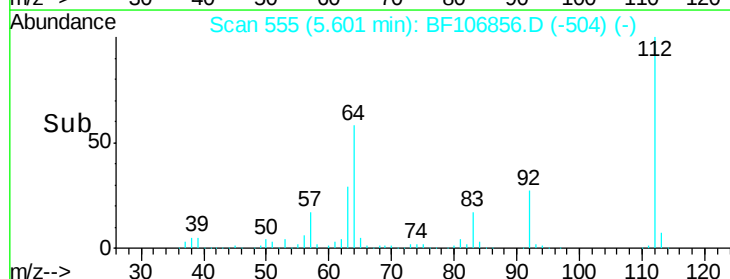
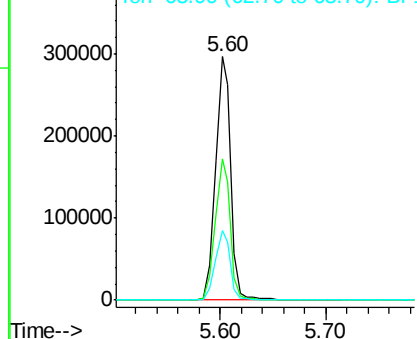
#5

2-Fluorophenol
Concen: 120.594 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

Tgt Ion:112 Resp: 303537
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 28.8 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: 118.869 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106856.D

Acq: 27 Jun 2018 6:52

Instrument :

BNA_F

ClientSampled :

PE-2

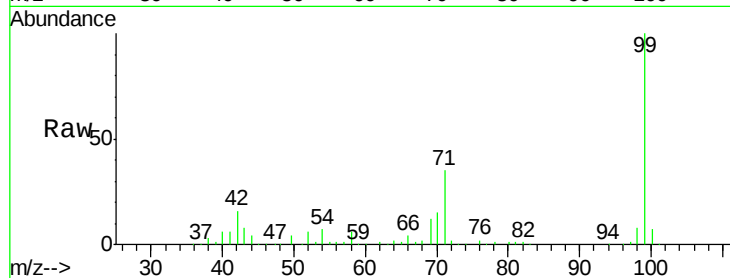
Tgt Ion: 99 Resp: 373636

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

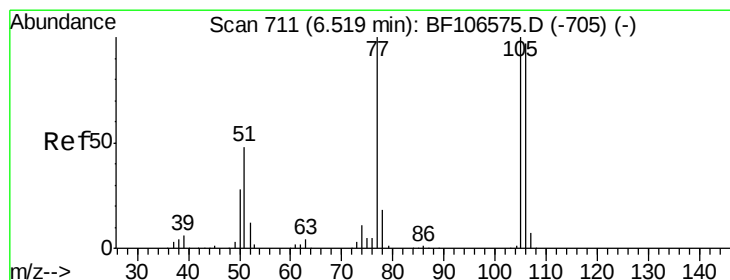
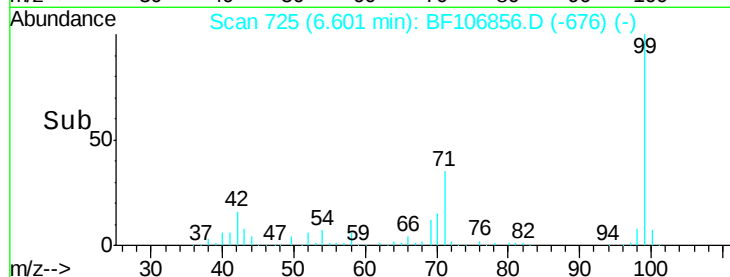
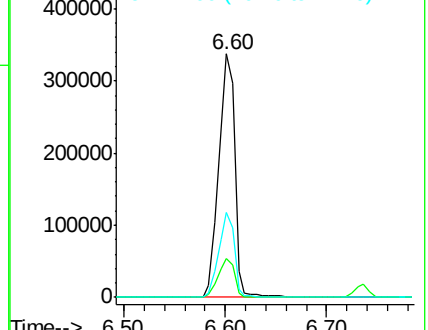
71 34.7 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.371 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106856.D

Acq: 27 Jun 2018 6:52

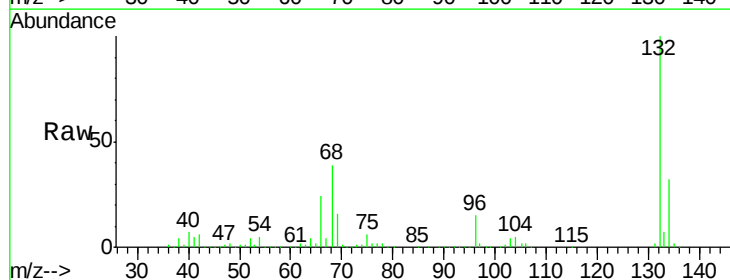
Tgt Ion: 77 Resp: 6275

Ion Ratio Lower Upper

77 100

105 84.5 81.1 121.1

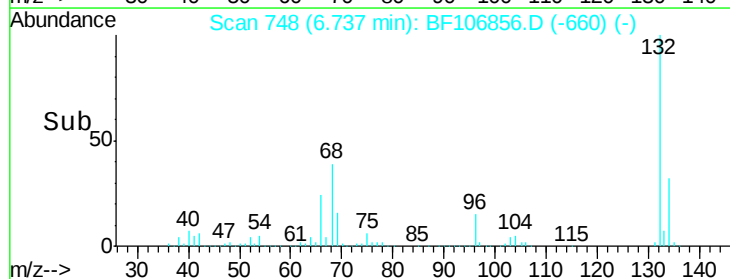
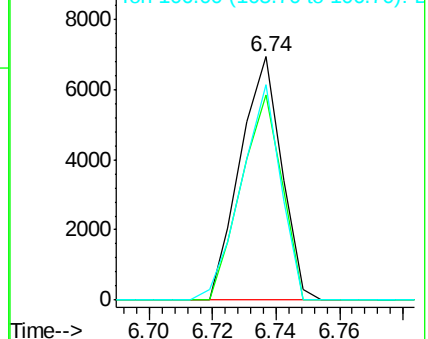
106 88.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

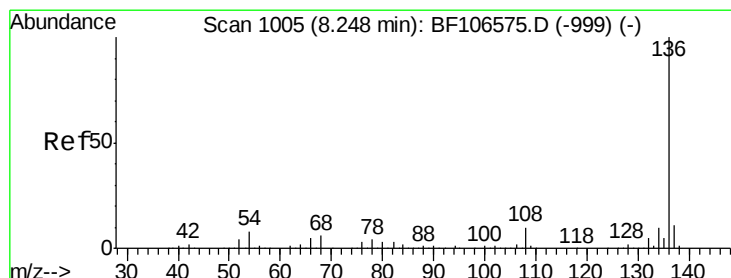
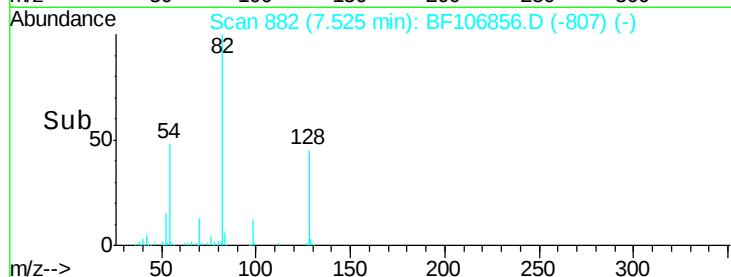
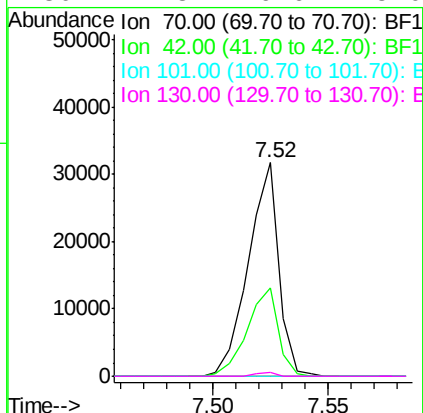
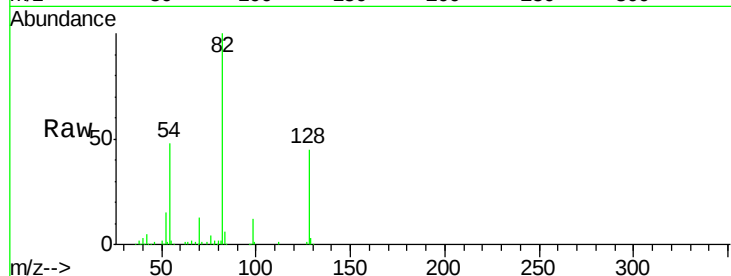




#19
n-Nitroso-di-n-propylamine
Concen: 14.133 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

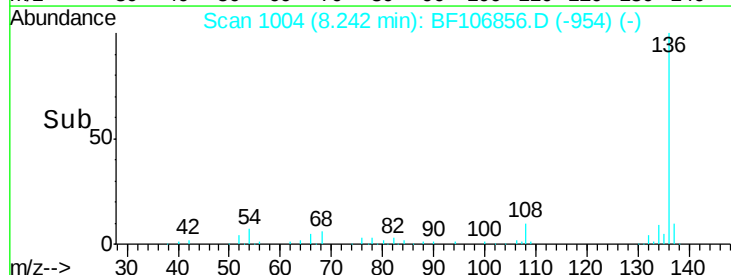
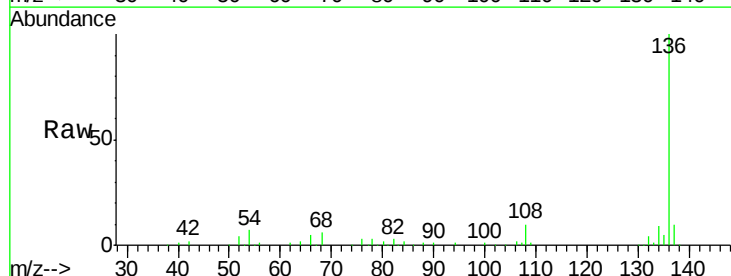
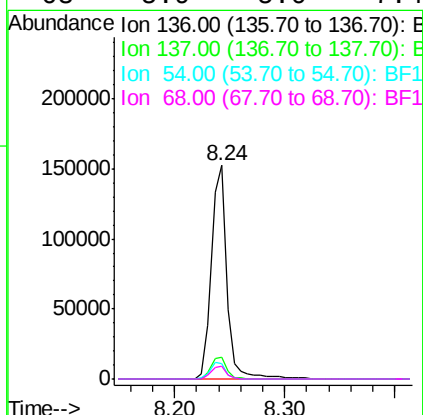
Instrument :
BNA_F
ClientSampleId :
PE-2

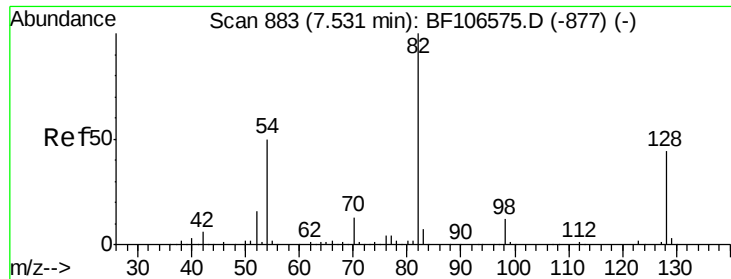
Tgt Ion: 70 Resp: 29282
Ion Ratio Lower Upper
70 100
42 41.1 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

Tgt Ion: 136 Resp: 145934
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.3 6.6 9.8
68 5.9 5.0 7.4

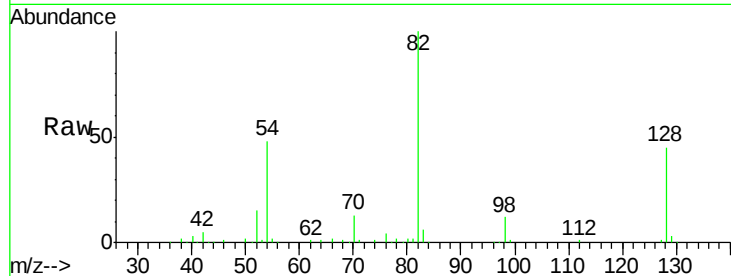




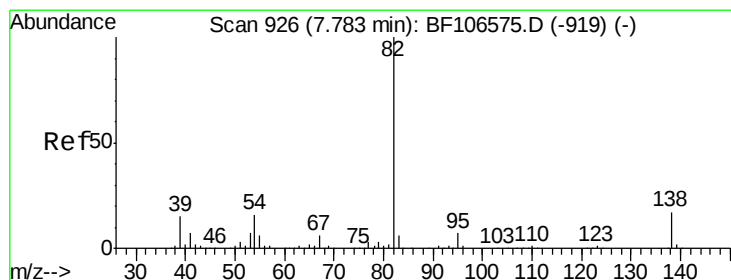
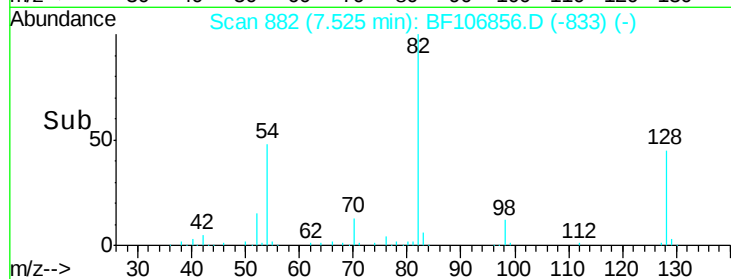
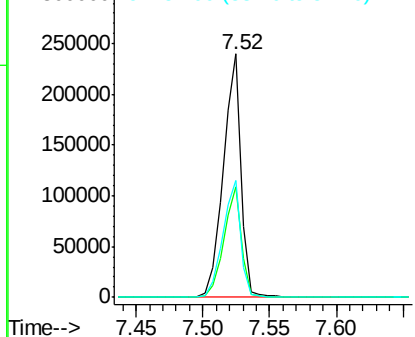
#23
Nitrobenzene-d5
Concen: 86.018 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

Instrument :
BNA_F
ClientSampleId :
PE-2

Tgt Ion: 82 Resp: 225881
Ion Ratio Lower Upper
82 100
128 45.4 36.1 54.1
54 47.8 41.4 62.2

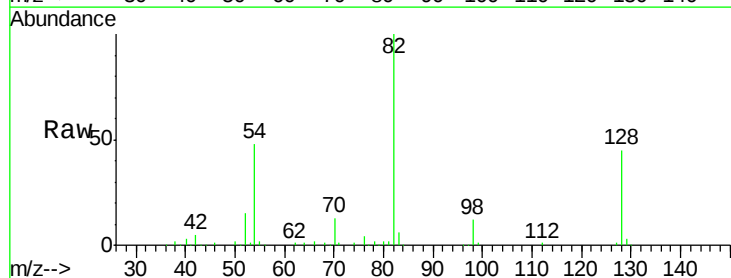


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

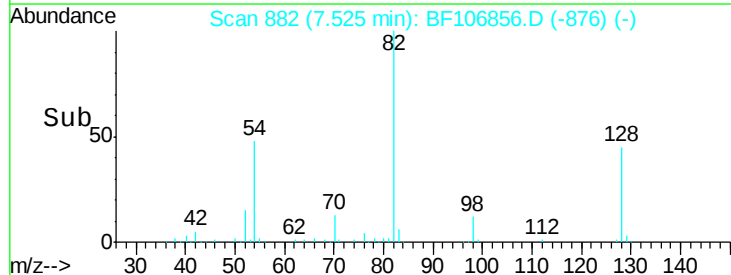
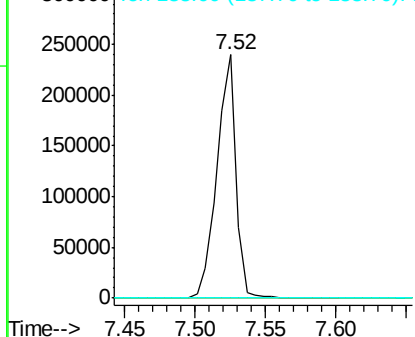


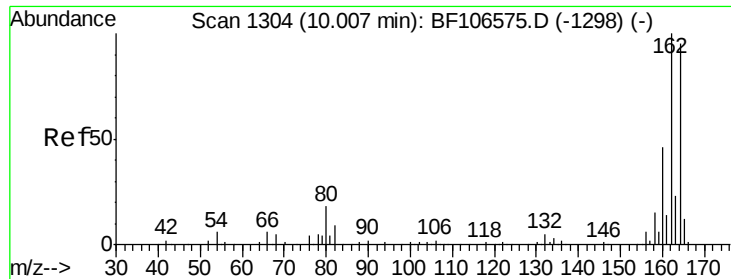
#25
Isophorone
Concen: 48.822 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

Tgt Ion: 82 Resp: 225913
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

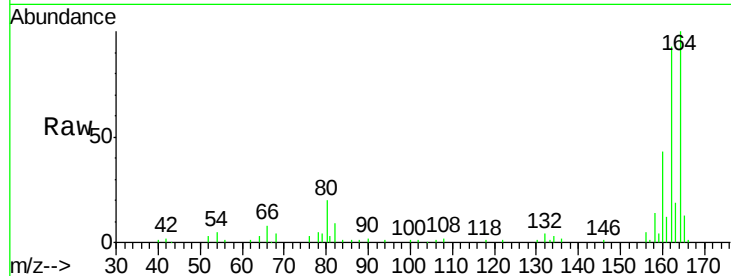




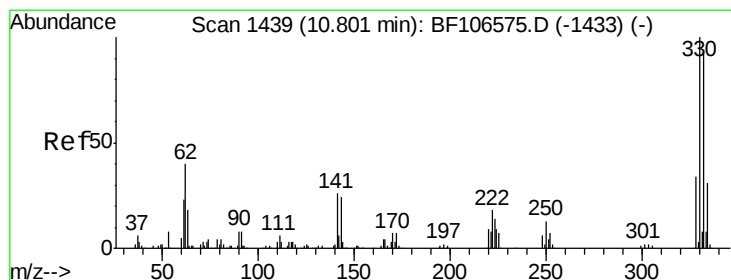
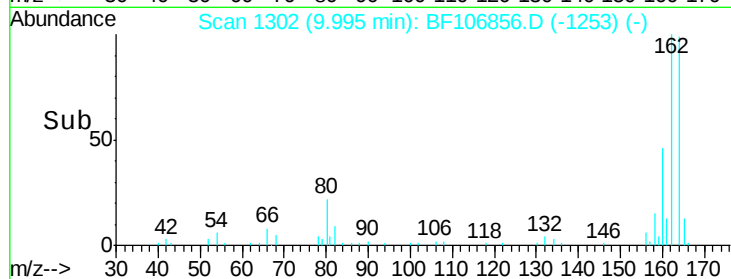
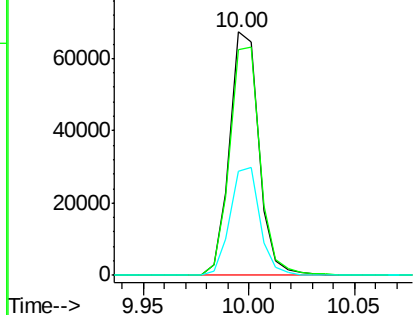
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tgt Ion:164 Resp: 64240
 Ion Ratio Lower Upper
 164 100
 162 92.7 86.1 129.1
 160 42.7 38.3 57.5

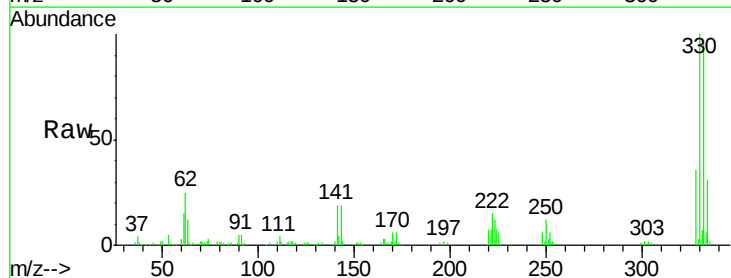


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

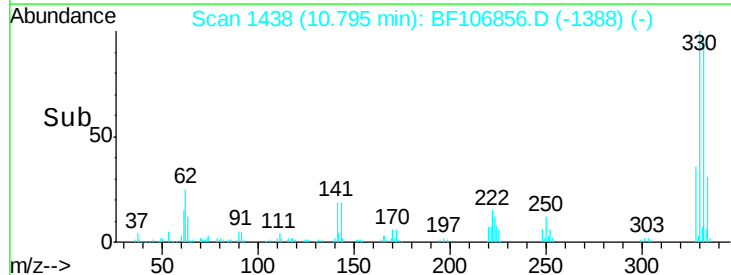
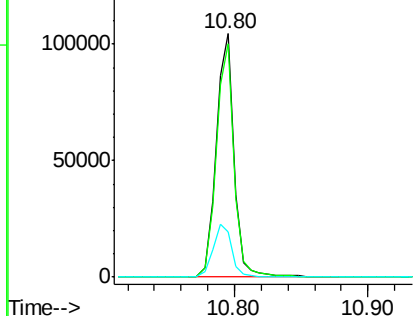


#41
 2,4,6-Tribromophenol
 Concen: 132.127 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Tgt Ion:330 Resp: 98376
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 22.8 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

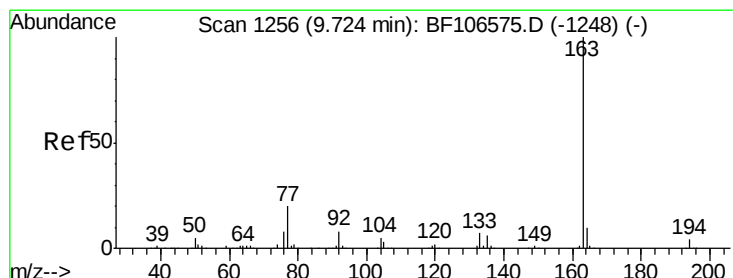
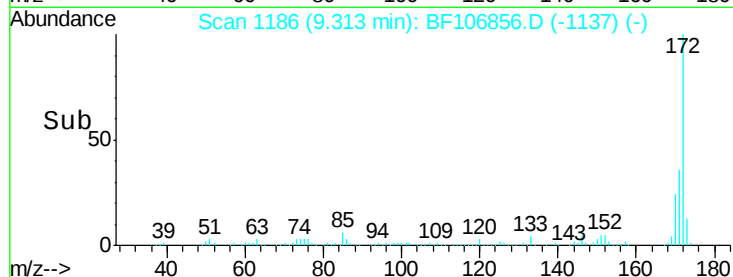
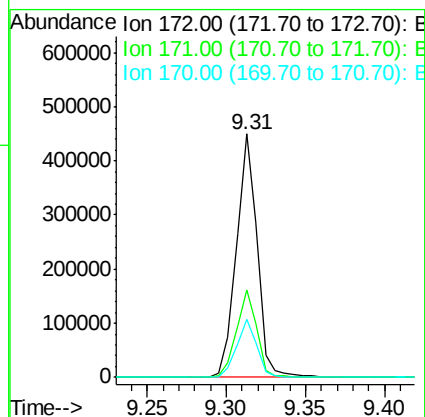
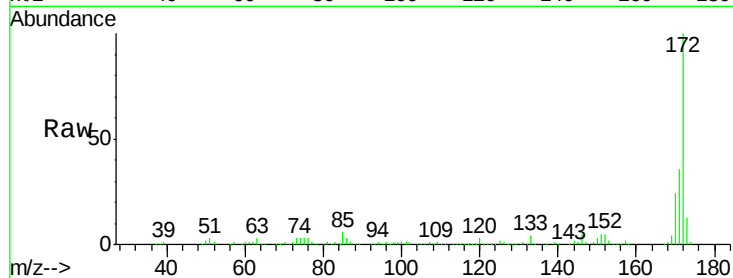




#44
 2-Fluorobiphenyl
 Concen: 112.384 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

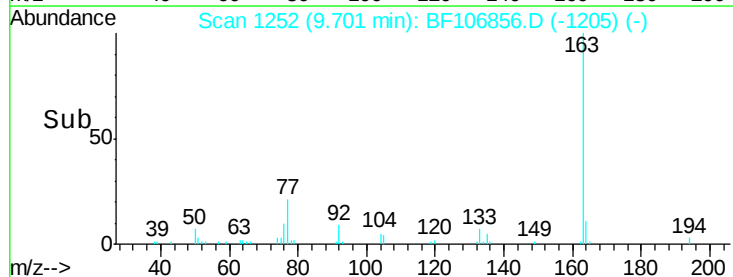
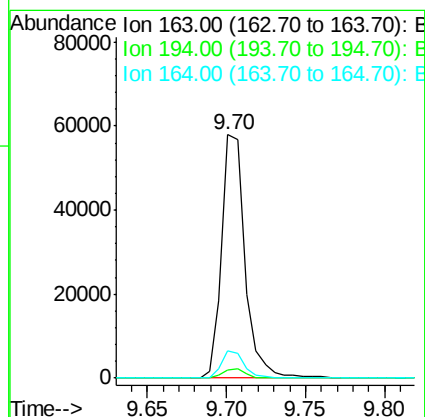
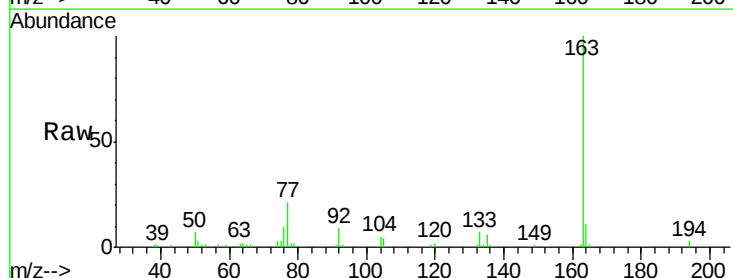
Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tgt Ion:172 Resp: 408494
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.7 19.6 29.4



#49
 Dimethylphthalate
 Concen: 12.348 ng
 RT: 9.70 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Tgt Ion:163 Resp: 59496
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 11.5 8.2 12.2

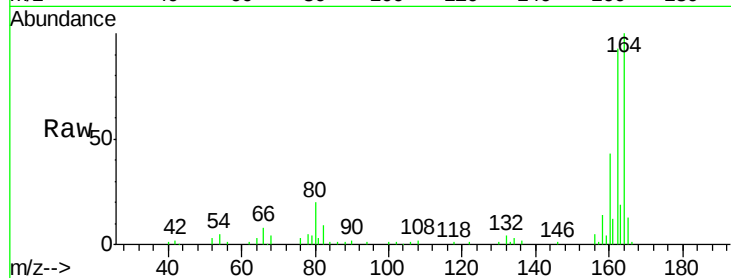




#56
2,4-Dinitrotoluene
Concen: 6.158 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

Instrument :
BNA_F
ClientSampleId :
PE-2

Tgt 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#

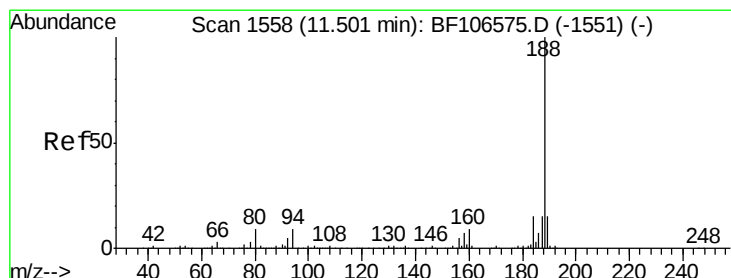
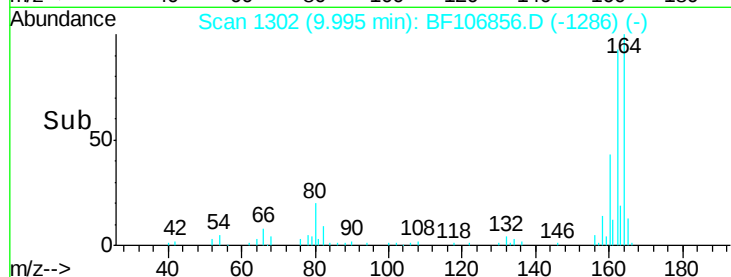
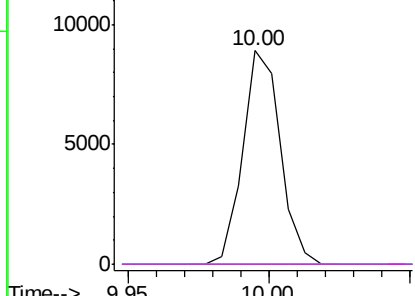


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

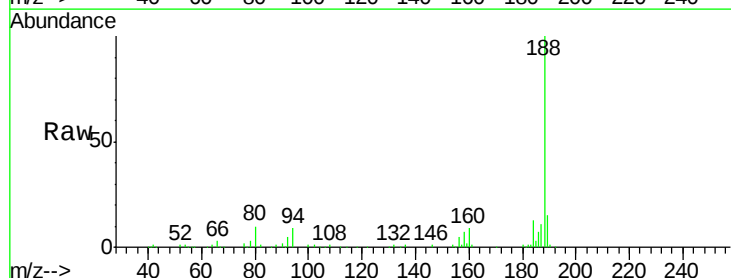
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

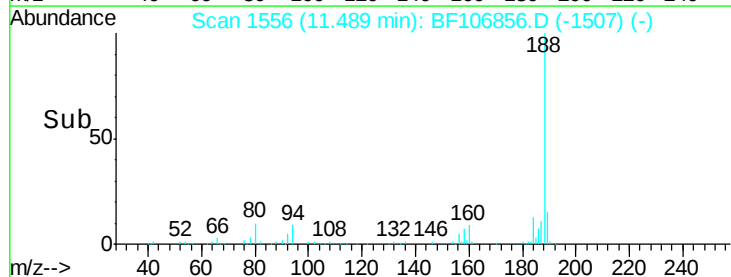
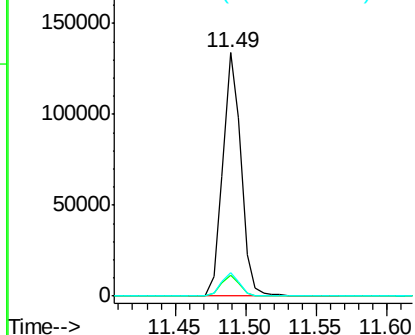
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.8	9.2	13.8



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

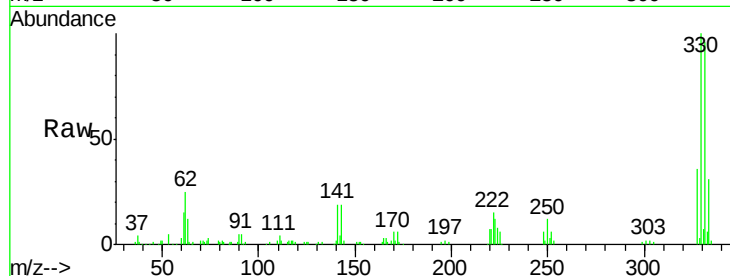




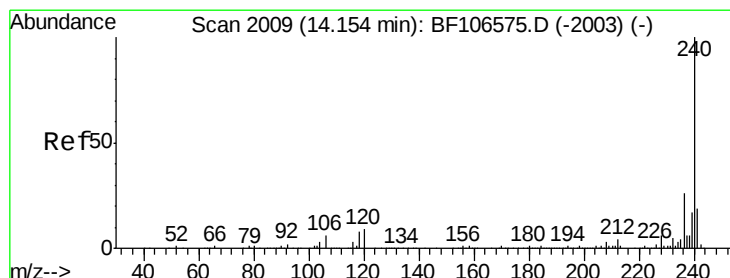
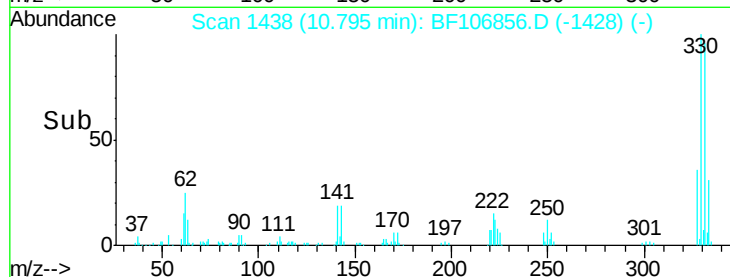
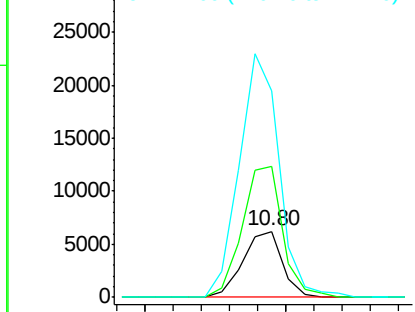
#66
4-Bromophenyl-phenylether
Concen: 4.202 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

Instrument :
BNA_F
ClientSampleId :
PE-2

Tgt Ion: 248 Resp: 6059
Ion Ratio Lower Upper
248 100
250 198.0 76.9 115.3#
141 312.1 74.4 111.6#

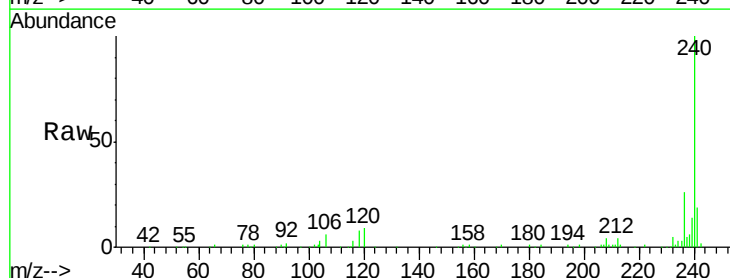


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

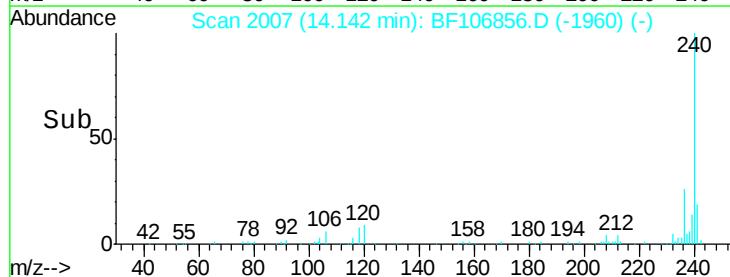
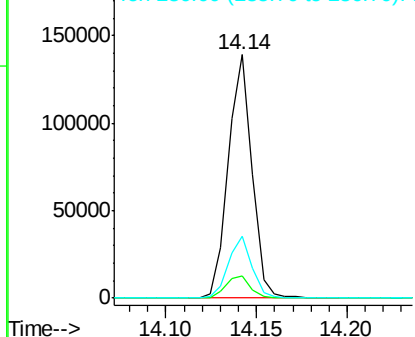


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106856.D
Acq: 27 Jun 2018 6:52

Tgt Ion: 240 Resp: 126892
Ion Ratio Lower Upper
240 100
120 9.1 9.5 14.3#
236 25.5 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

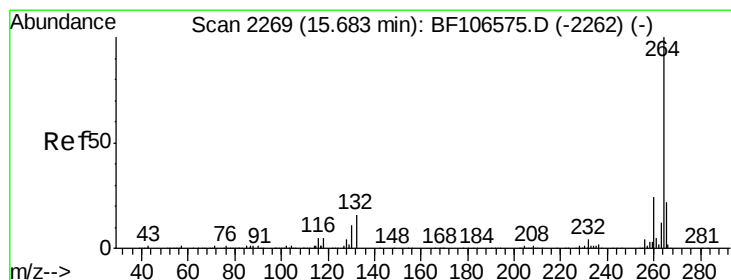
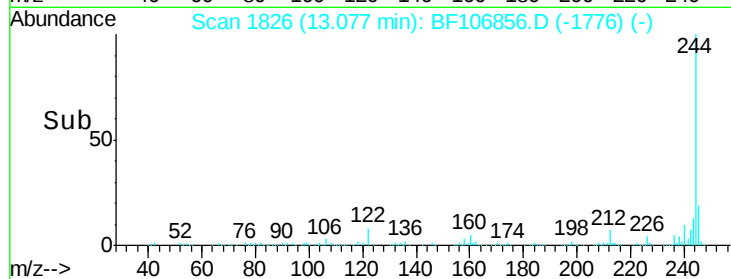
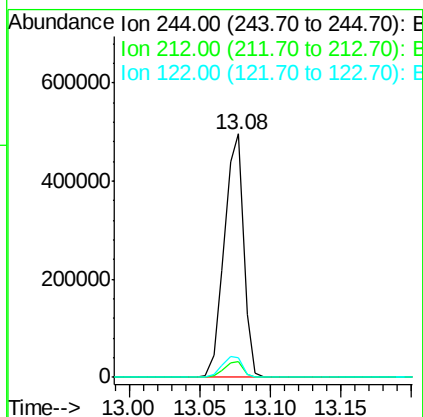
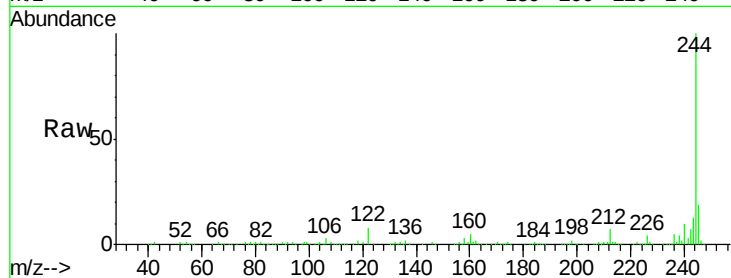




#78
 Terphenyl-d14
 Concen: 90.447 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Tgt Ion: 244 Resp: 473806
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106856.D
 Acq: 27 Jun 2018 6:52

Tgt Ion: 264 Resp: 83650
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.1 17.5 26.3

