

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106781.D
 Acq On : 25 Jun 2018 19:43
 Operator : JU/SJ
 Sample : J3594-05RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 02:09:31 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

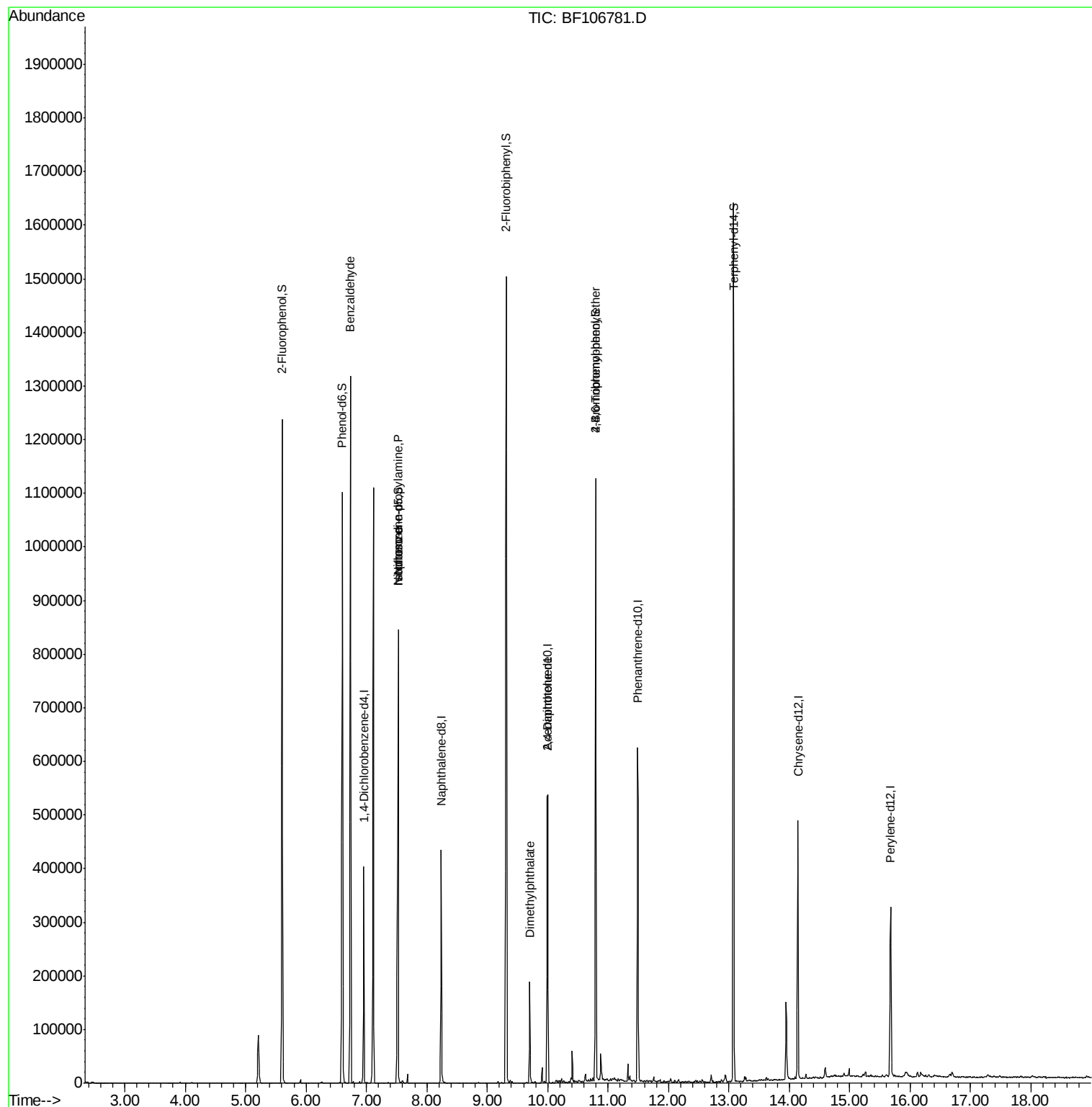
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59640	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	230650	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	122955	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	251609	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	171892	20.00	ng	-0.02
86) Perylene-d12	15.68	264	160473	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	378519	107.47	ng	0.00
7) Phenol-d6	6.60	99	484037	110.05	ng	-0.01
23) Nitrobenzene-d5	7.52	82	315628	76.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	179361	125.86	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	557562	75.02	ng	-0.01
78) Terphenyl-d14	13.08	244	667888	94.12	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	8319	2.250	ng	88
19) n-Nitroso-di-n-propylamine	7.52	70	40546	13.985	ng	# 73
25) Isophorone	7.52	82	312599	42.743	ng	# 64
49) Dimethylphthalate	9.71	163	85891	9.314	ng	99
56) 2,4-Dinitrotoluene	10.00	165	15625	6.130	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	10949	3.646	ng	# 1

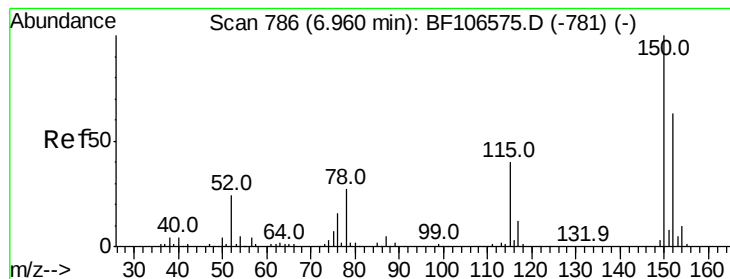
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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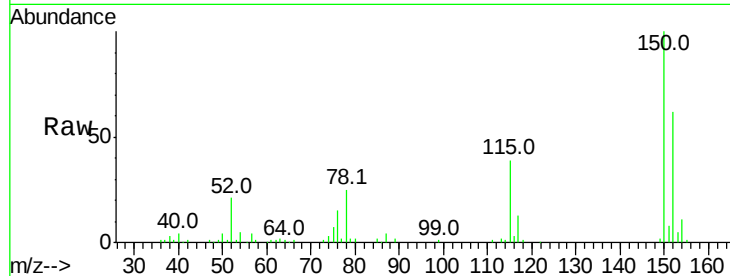


#1

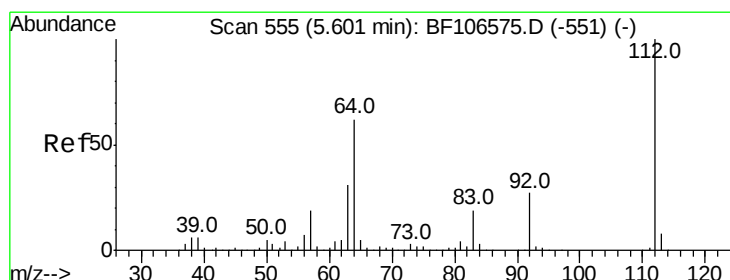
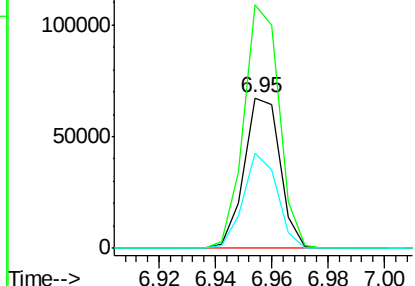
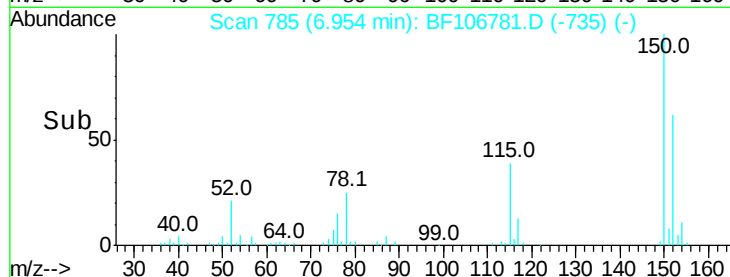
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59640
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 63.0 50.1 75.1



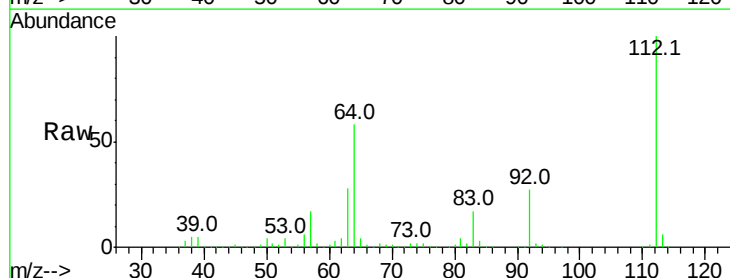
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



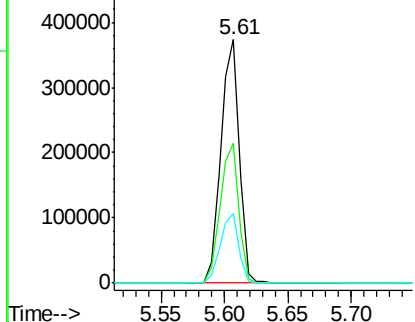
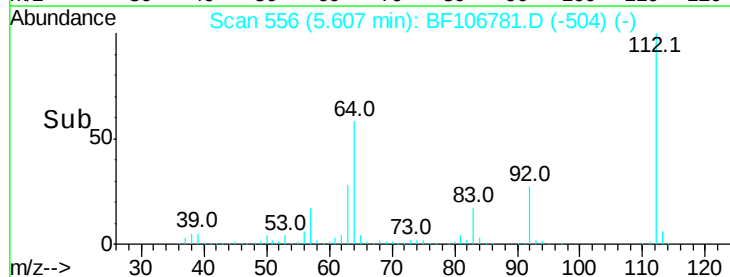
#5

2-Fluorophenol
Concen: 107.470 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Tgt Ion:112 Resp: 378519
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.4 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: 110.049 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106781.D

Acq: 25 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

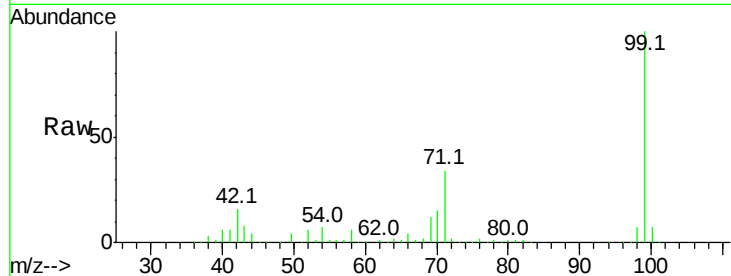
Tot Ion: 99 Resp: 484037

Ion Ratio Lower Upper

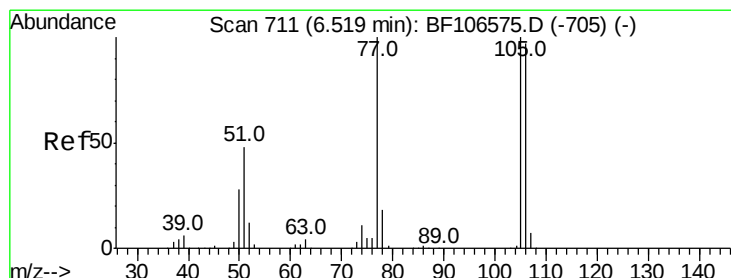
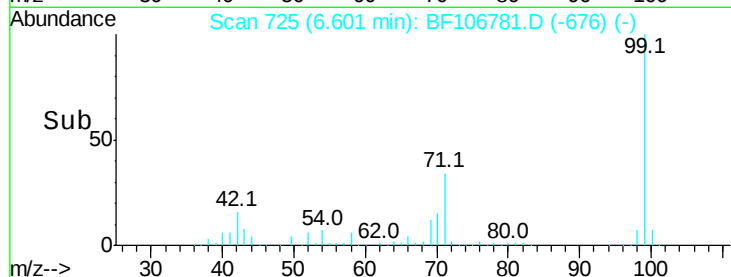
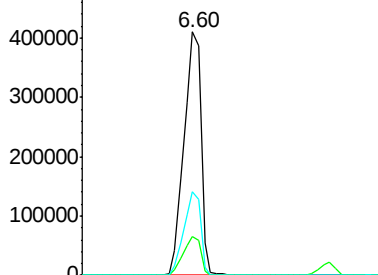
99 100

42 16.0 14.5 21.7

71 34.1 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: 2.250 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106781.D

Acq: 25 Jun 2018 19:43

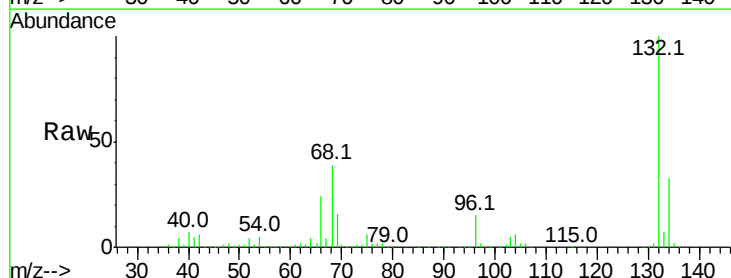
Tgt Ion: 77 Resp: 8319

Ion Ratio Lower Upper

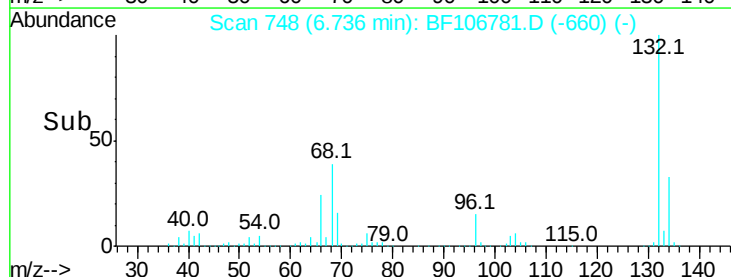
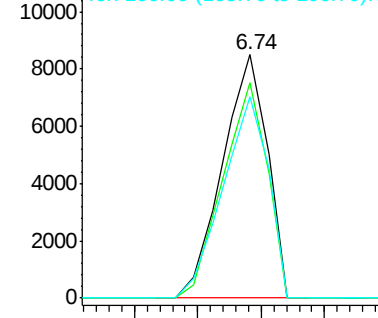
77 100

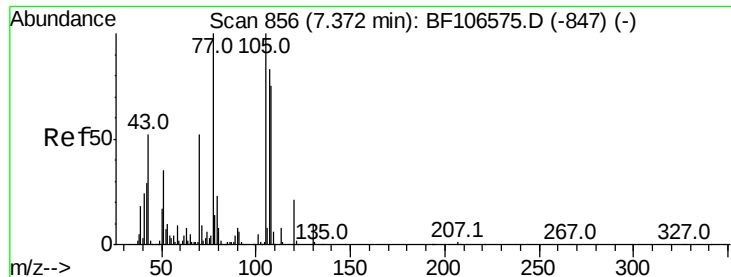
105 88.3 81.1 121.1

106 82.9 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

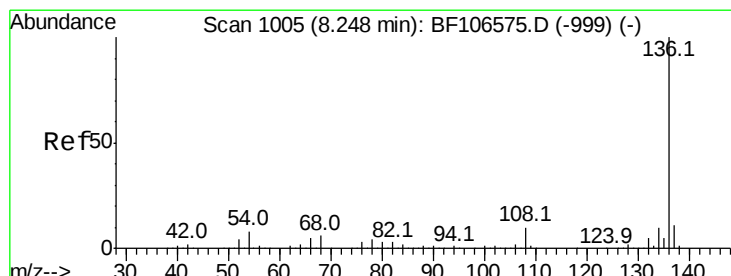
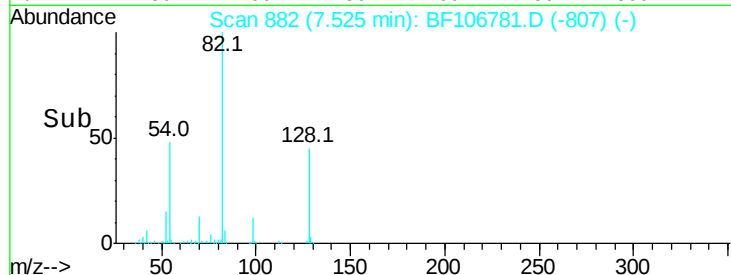
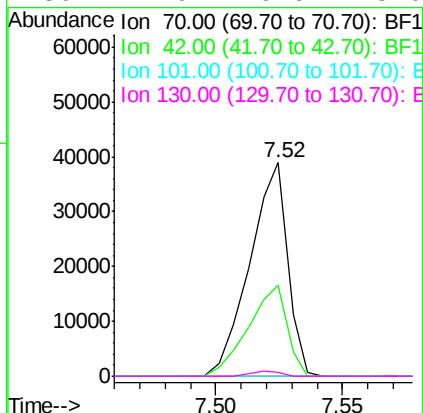
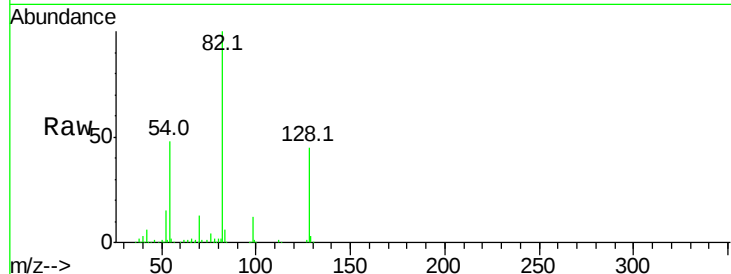




#19
n-Nitroso-di-n-propylamine
Concen: 13.985 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

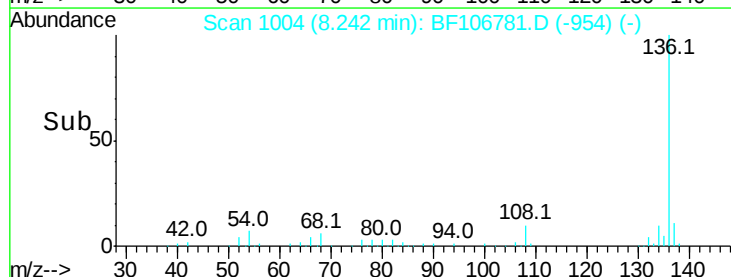
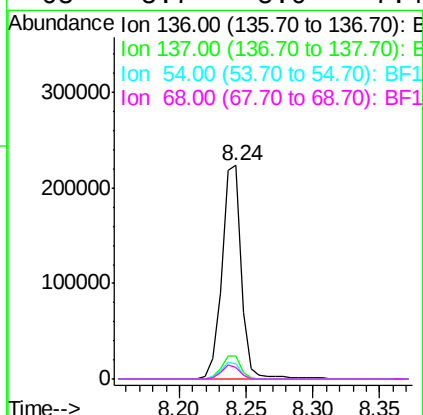
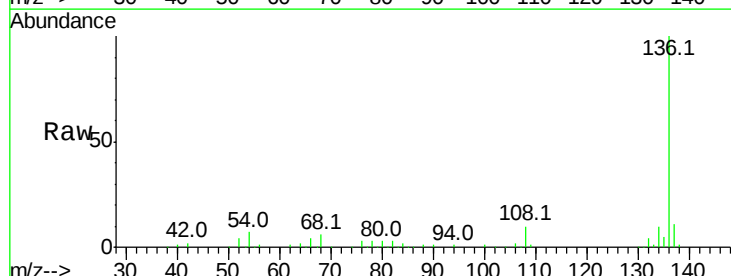
Instrument :
BNA_F
ClientSampleId :

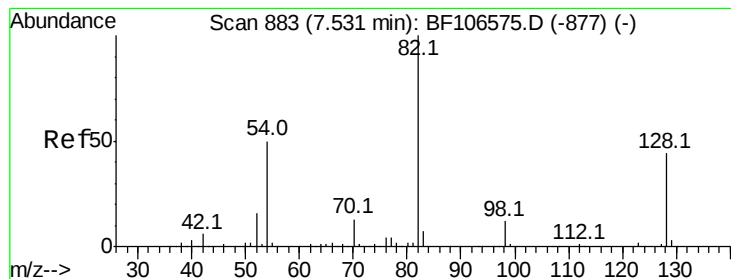
Tot Ion: 70 Resp: 40546
Ion Ratio Lower Upper
70 100
42 42.8 47.5 71.3#
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Tgt Ion: 136 Resp: 230650
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 7.3 6.6 9.8
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 76.048 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106781.D

Acq: 25 Jun 2018 19:43

Instrument :

BNA_F

ClientSampleId :

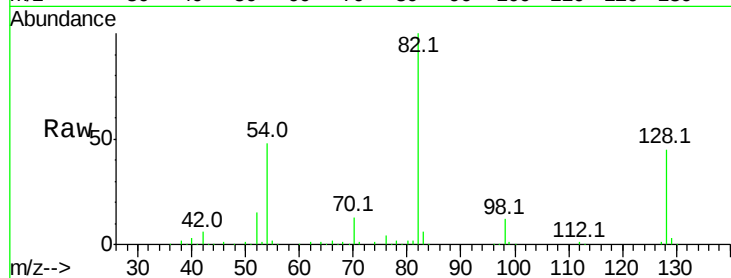
Tot Ion: 82 Resp: 315628

Ion Ratio Lower Upper

82 100

128 45.2 36.1 54.1

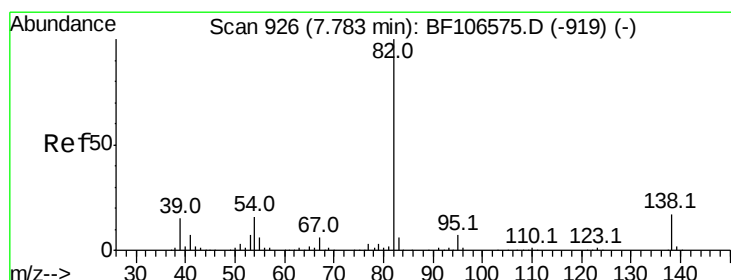
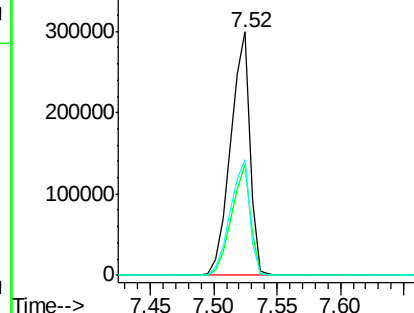
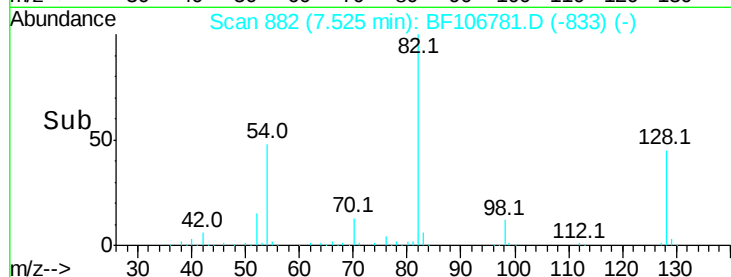
54 47.7 41.4 62.2



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: 42.743 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106781.D

Acq: 25 Jun 2018 19:43

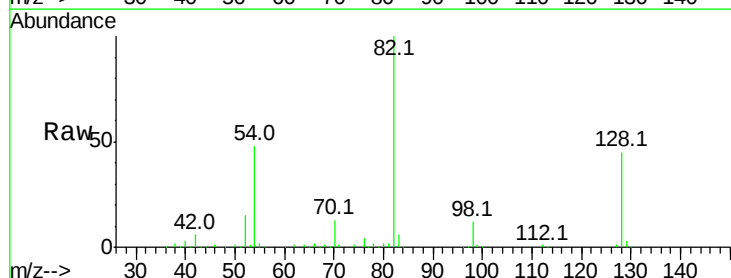
Tgt Ion: 82 Resp: 312599

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

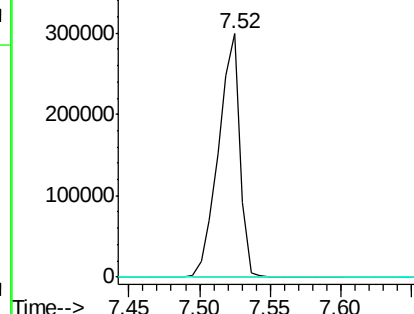
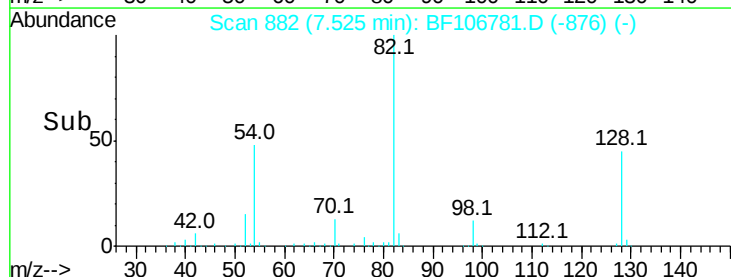
138 0.0 14.9 22.3#

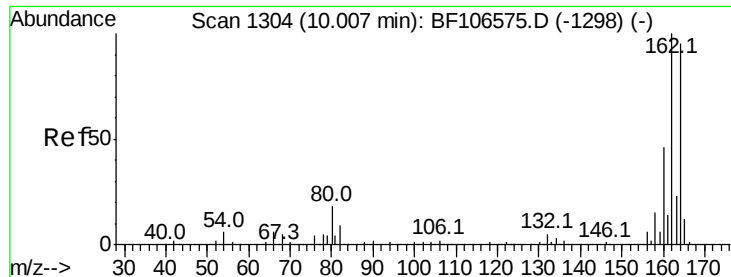


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

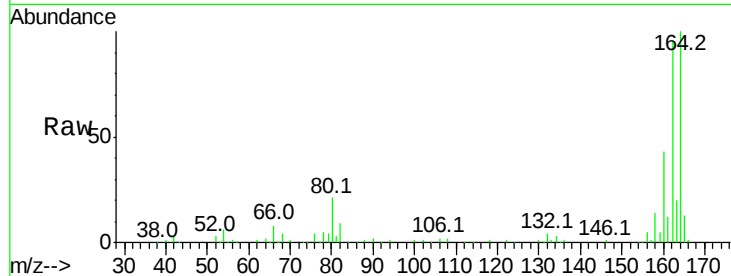




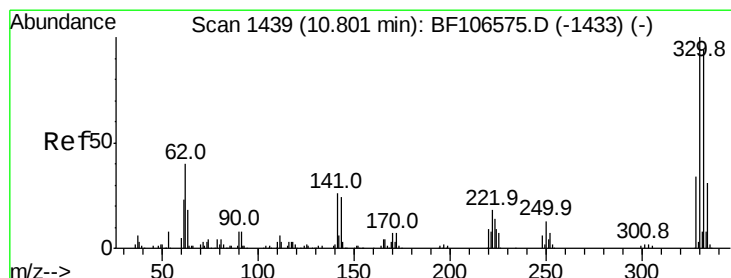
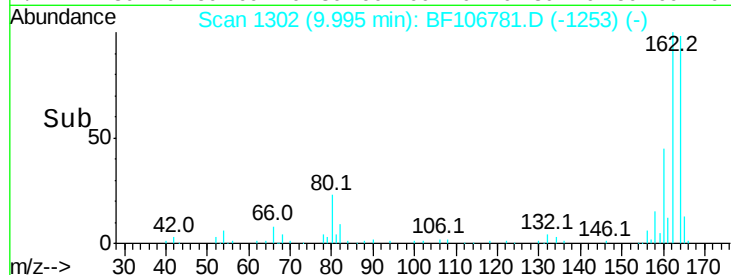
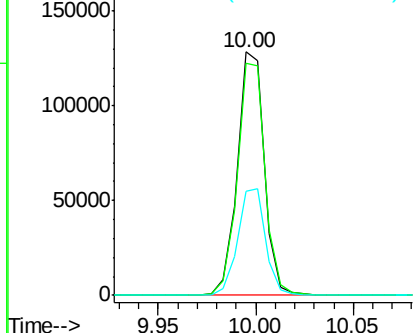
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 122955
Ion Ratio Lower Upper
164 100
162 95.4 86.1 129.1
160 42.8 38.3 57.5

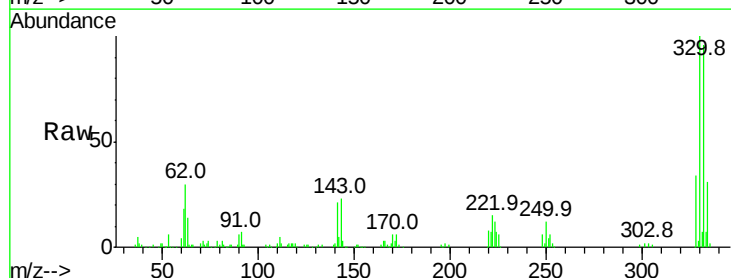


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

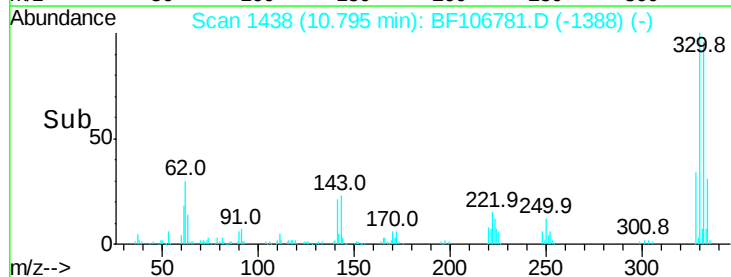
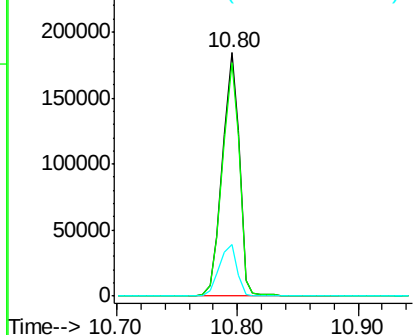


#41
2,4,6-Tribromophenol
Concen: 125.860 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Tgt Ion:330 Resp: 179361
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.6
141 22.2 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

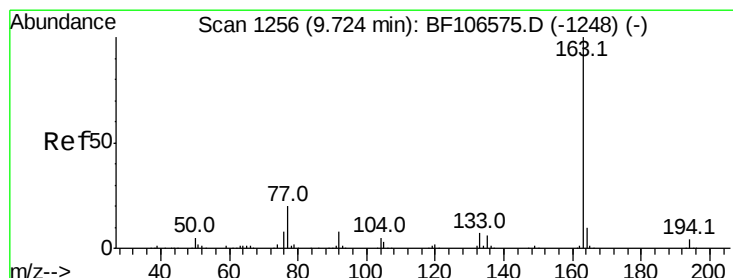
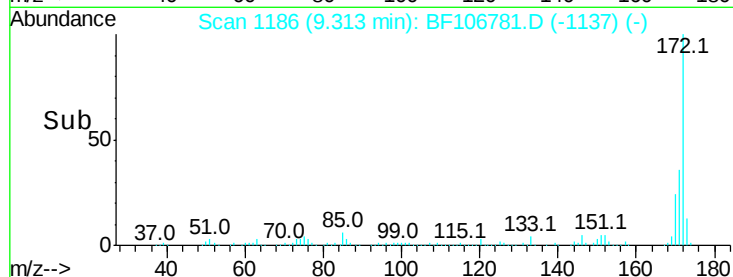
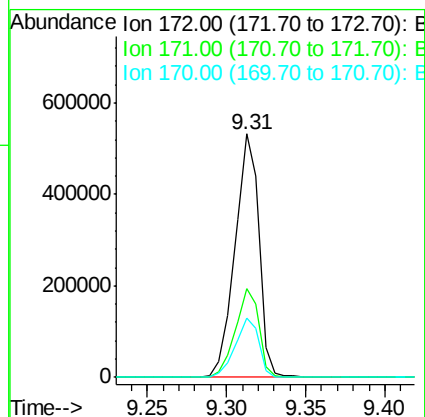
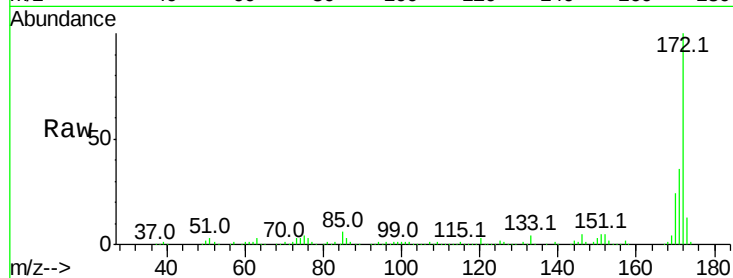




#44
 2-Fluorobiphenyl
 Concen: 75.024 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106781.D
 Acq: 25 Jun 2018 19:43

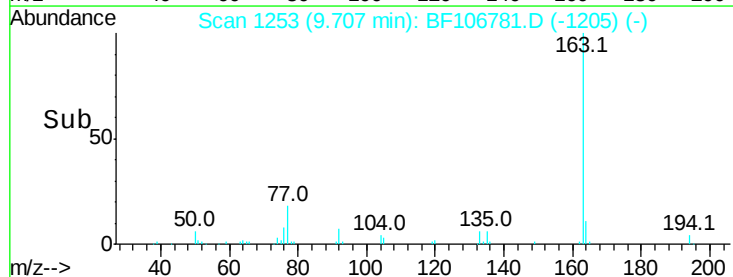
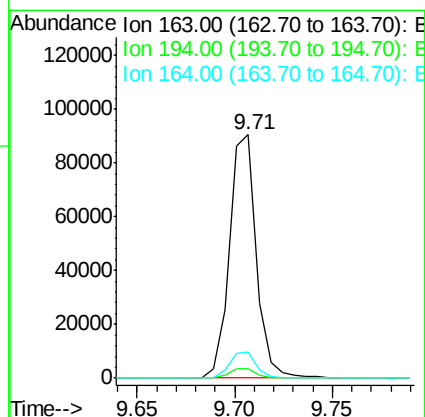
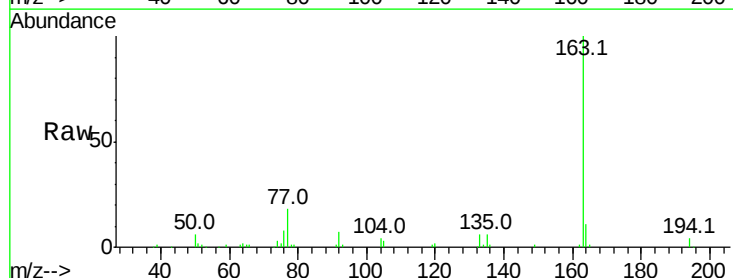
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4



#49
 Dimethylphthalate
 Concen: 9.314 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106781.D
 Acq: 25 Jun 2018 19:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	10.6	8.2	12.2

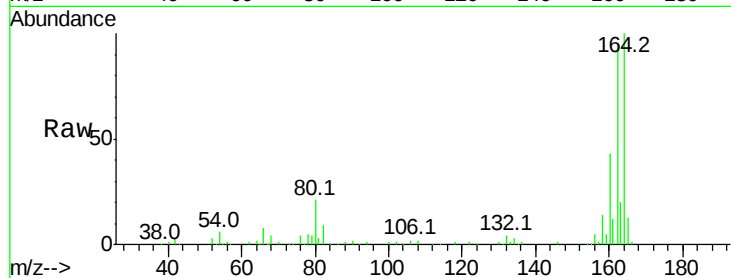




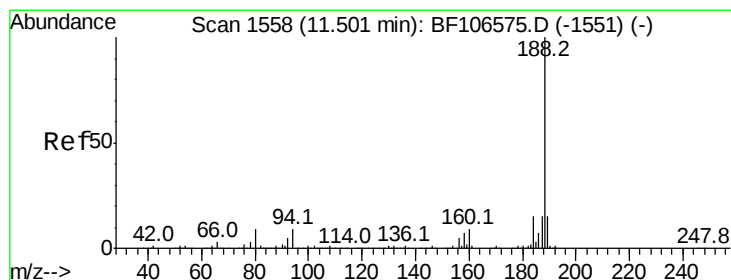
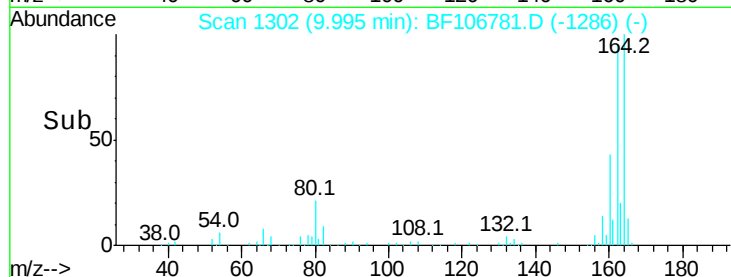
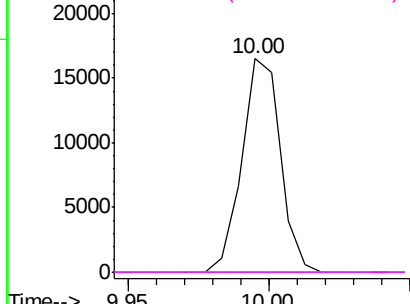
#56
2,4-Dinitrotoluene
Concen: 6.130 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:165 Resp: 15625
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#

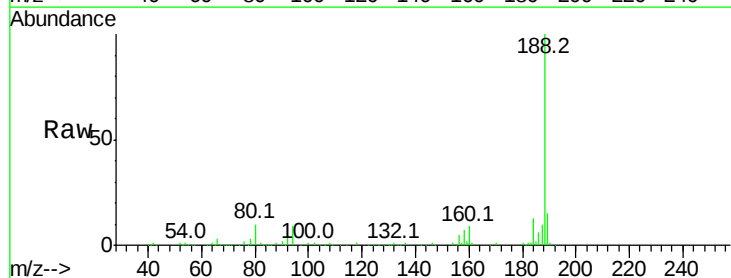


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

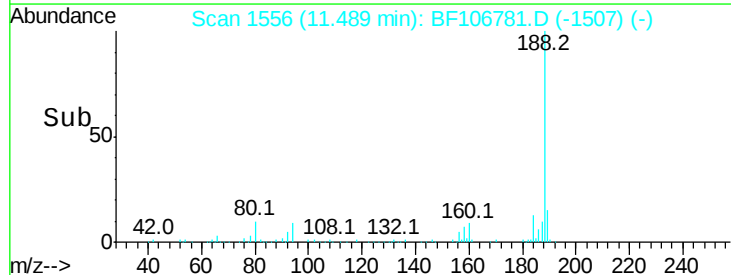
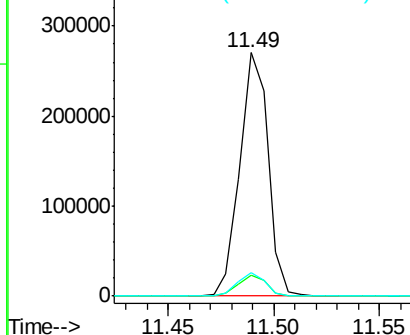


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Tgt Ion:188 Resp: 251609
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.6 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

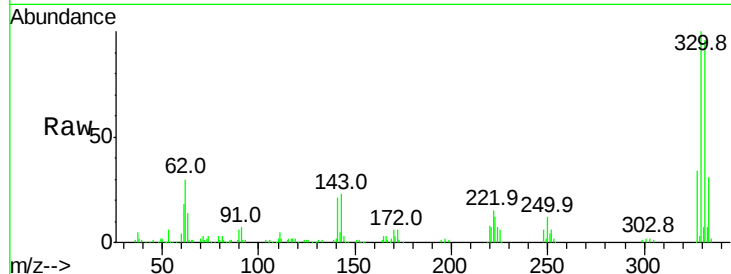




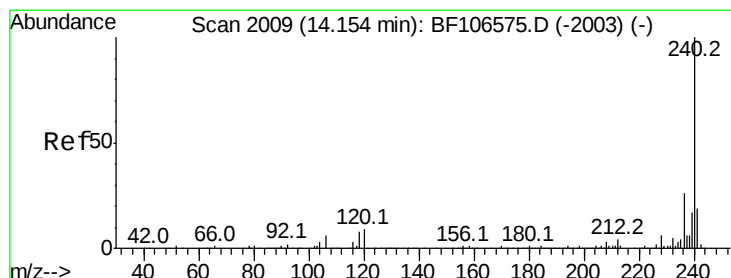
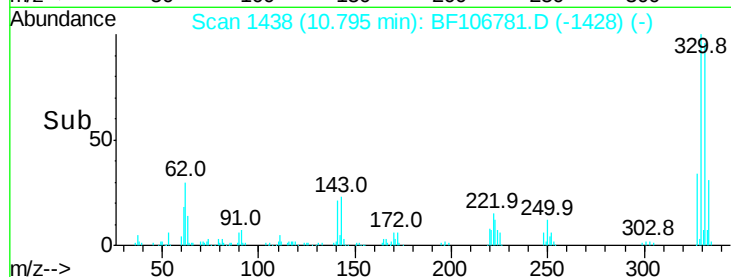
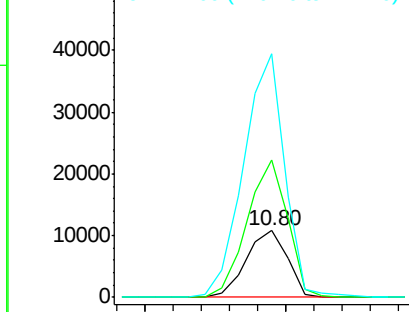
#66
4-Bromophenyl-phenylether
Concen: 3.646 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10949
Ion Ratio Lower Upper
248 100
250 204.9 76.9 115.3#
141 363.8 74.4 111.6#

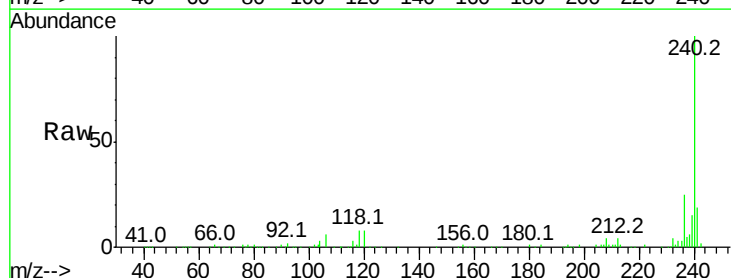


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

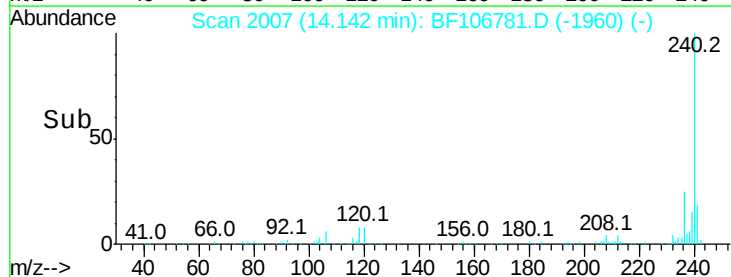
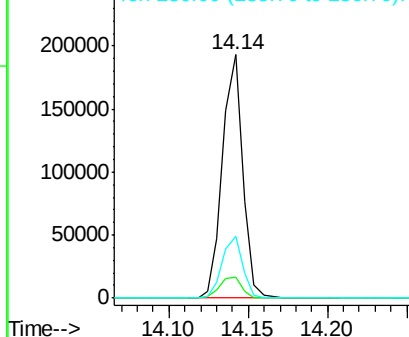


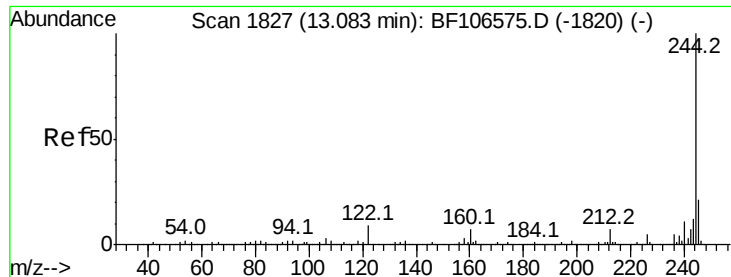
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106781.D
Acq: 25 Jun 2018 19:43

Tgt Ion:240 Resp: 171892
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 25.1 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

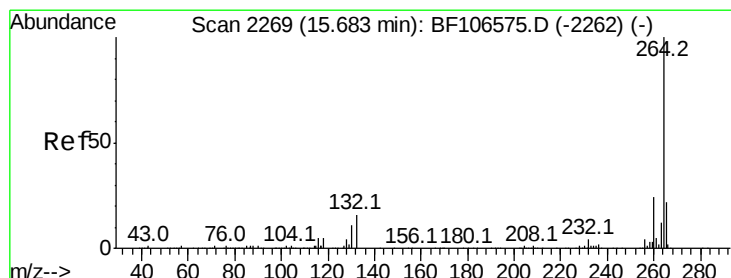
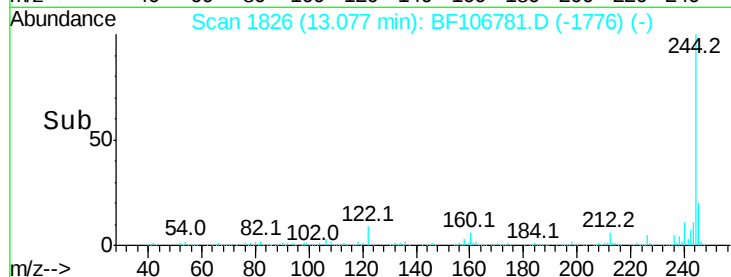
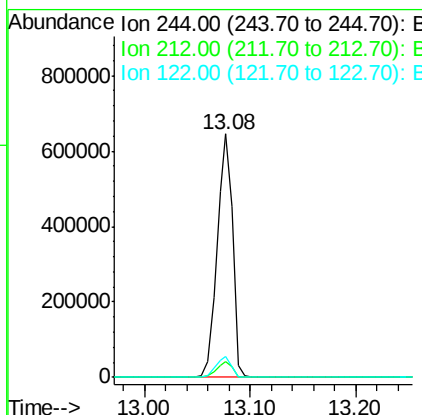
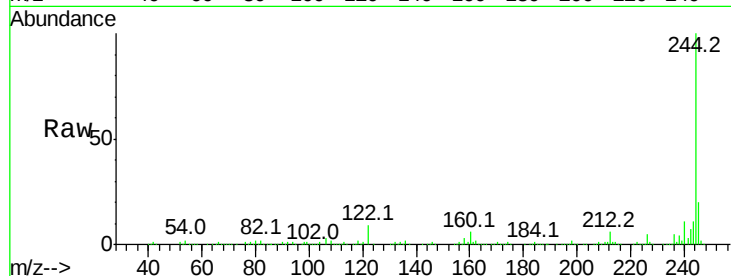




#78
 Terphenyl-d14
 Concen: 94.119 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106781.D
 Acq: 25 Jun 2018 19:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 667888
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 8.6 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: BF106781.D
 Acq: 25 Jun 2018 19:43

Tgt Ion:264 Resp: 160473
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.8 17.5 26.3

