

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106775.D
 Acq On : 25 Jun 2018 17:03
 Operator : JU/SJ
 Sample : J3573-05RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 25 18:50:56 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

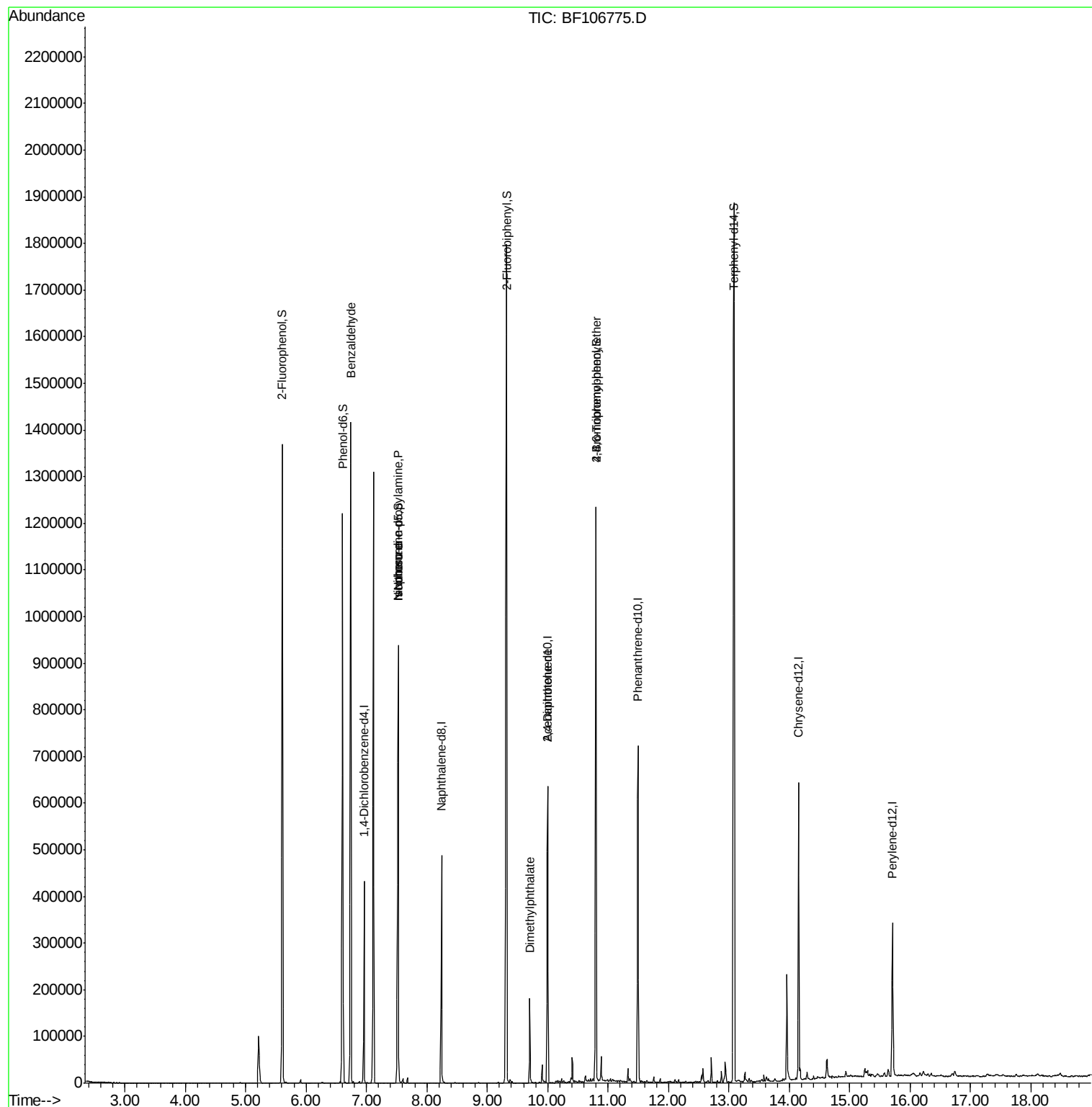
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	63275	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	242573	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	128835	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	277056	20.00	ng	0.00
75) Chrysene-d12	14.15	240	225815	20.00	ng	-0.01
86) Perylene-d12	15.71	264	176313	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	454397	121.60	ng	0.00
7) Phenol-d6	6.61	99	587397	125.88	ng	0.00
23) Nitrobenzene-d5	7.52	82	392915	90.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	221584	148.39	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	705544	94.31	ng	0.00
78) Terphenyl-d14	13.08	244	939843	100.82	ng	0.00
Target Compounds				Qvalue		
9) Benzaldehyde	6.74	77	10062	2.556	ng	88
19) n-Nitroso-di-n-propylamine	7.52	70	50725	16.491	ng	# 73
25) Isophorone	7.52	82	390123	50.721	ng	# 64
49) Dimethylphthalate	9.71	163	77110	7.980	ng	# 98
56) 2,4-Dinitrotoluene	10.00	165	16697	6.252	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	13326	4.030	ng	# 1

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

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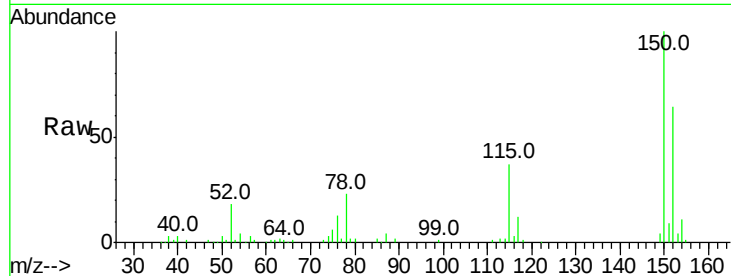


#1

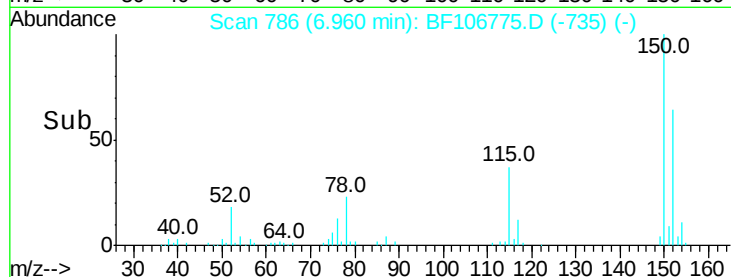
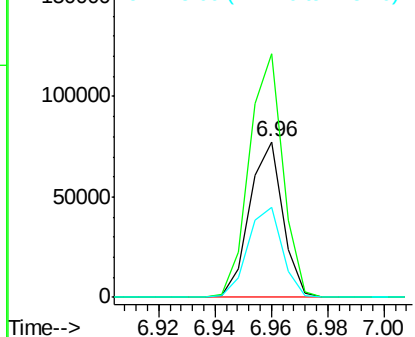
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106775.D
Acq: 25 Jun 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63275
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 57.7 50.1 75.1



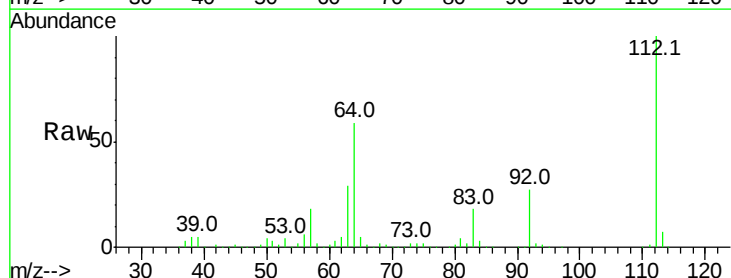
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



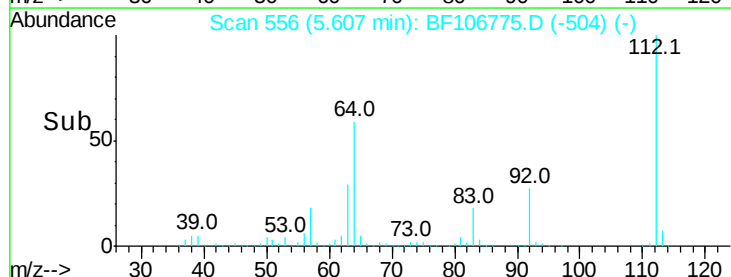
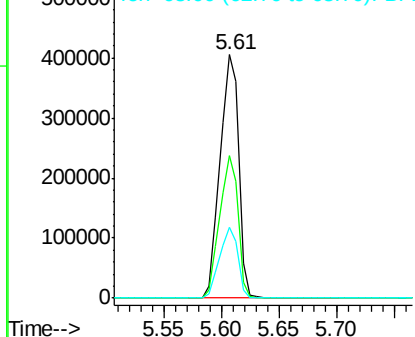
#5

2-Fluorophenol
Concen: 121.602 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106775.D
Acq: 25 Jun 2018 17:03

Tgt Ion:112 Resp: 454397
Ion Ratio Lower Upper
112 100
64 58.6 47.9 71.9
63 29.0 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: 125.876 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF106775.D

Acq: 25 Jun 2018 17:03

Instrument :

BNA_F

ClientSampled :

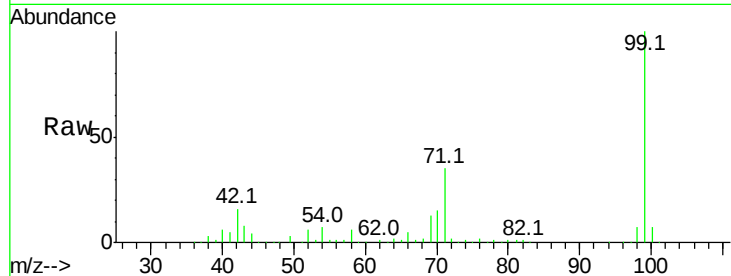
Tot Ion: 99 Resp: 587397

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

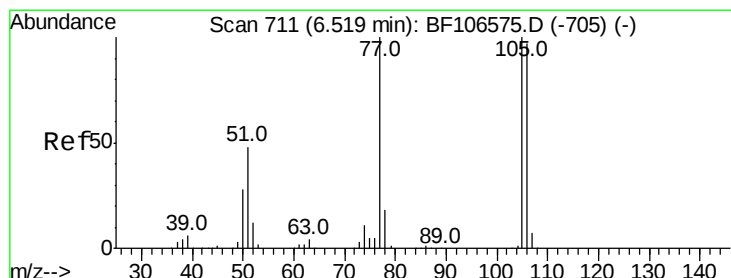
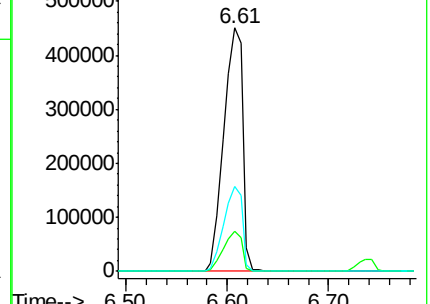
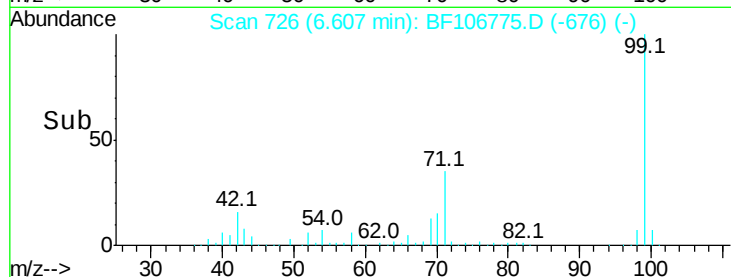
71 34.7 25.4 38.0



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: 2.556 ng

RT: 6.74 min Scan# 749

Delta R.T. 0.22 min

Lab File: BF106775.D

Acq: 25 Jun 2018 17:03

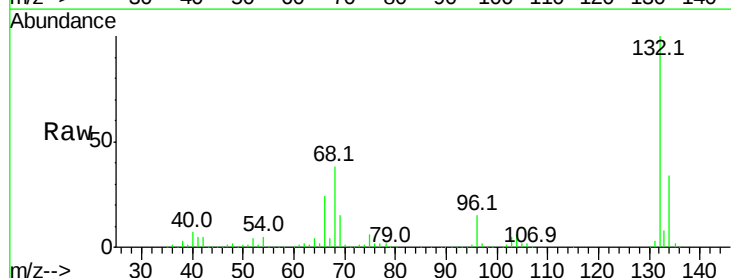
Tgt Ion: 77 Resp: 10062

Ion Ratio Lower Upper

77 100

105 87.9 81.1 121.1

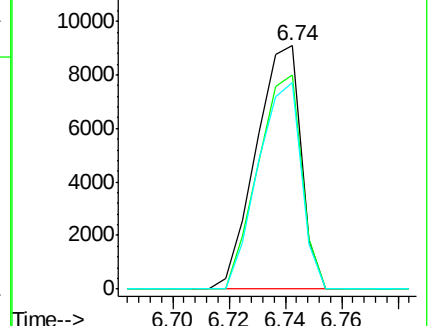
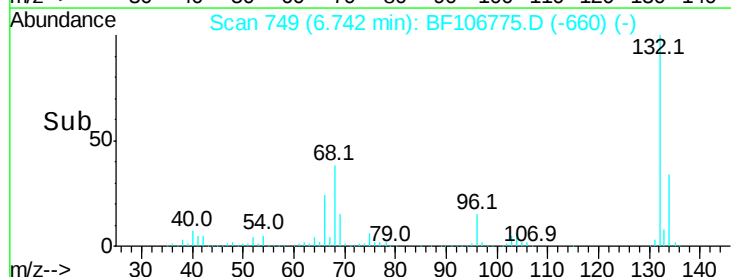
106 84.6 74.5 114.5

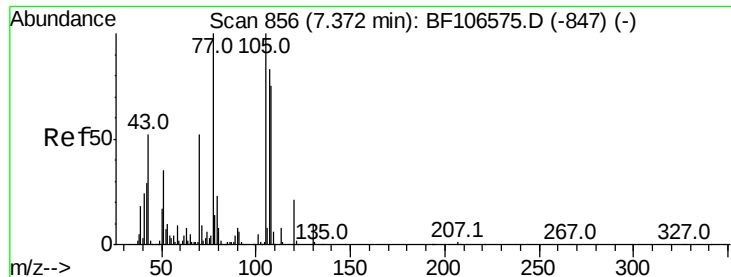


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

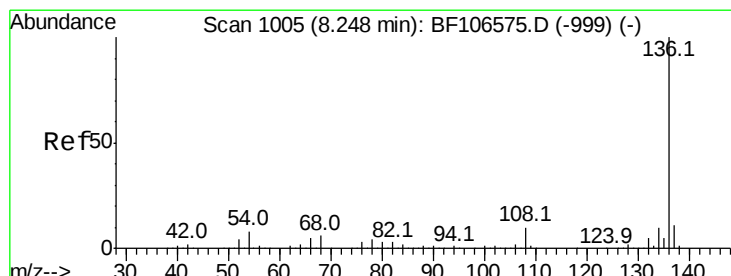
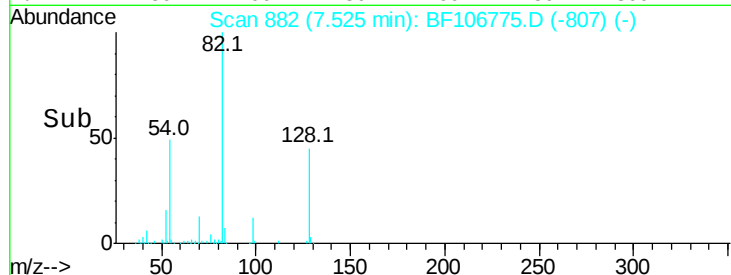
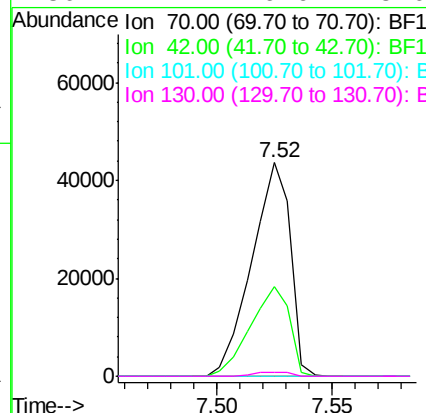
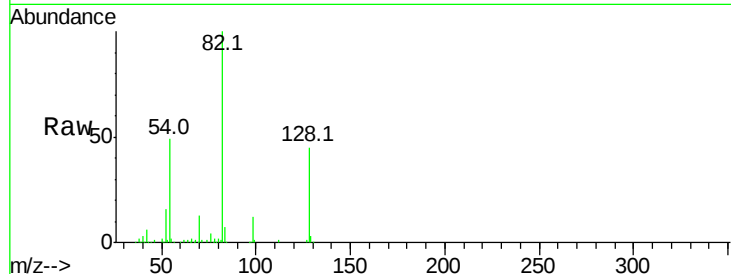




#19
n-Nitroso-di-n-propylamine
Concen: 16.491 ng
RT: 7.52 min Scan# 882
Delta R.T. 0.14 min
Lab File: BF106775.D
Acq: 25 Jun 2018 17:03

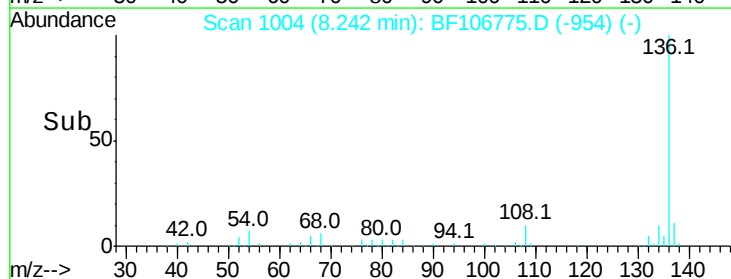
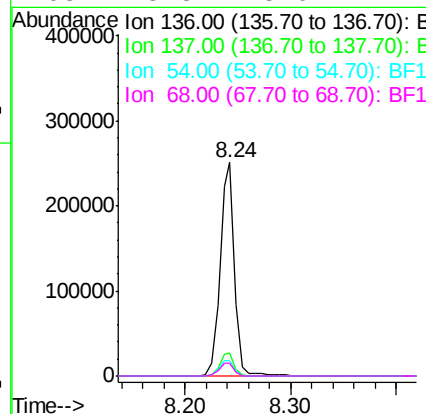
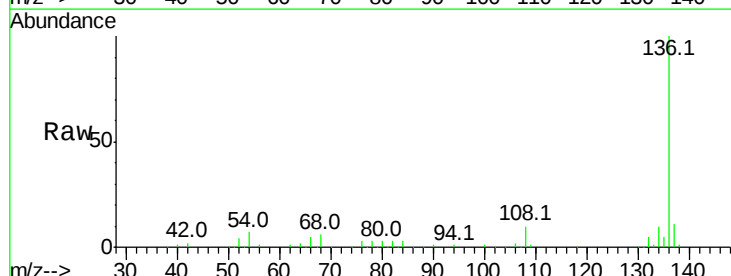
Instrument :
BNA_F
ClientSampleId :

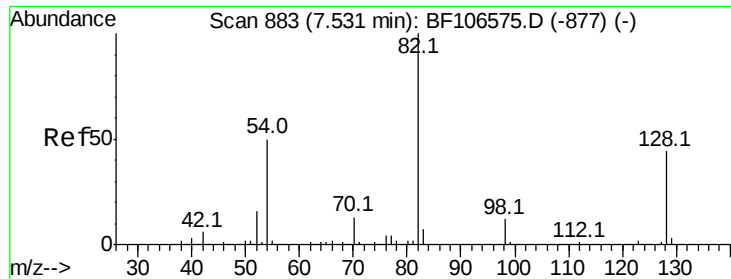
Tot Ion: 70 Resp: 50725
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106775.D
Acq: 25 Jun 2018 17:03

Tgt Ion: 136 Resp: 242573
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.3 6.6 9.8
68 5.8 5.0 7.4

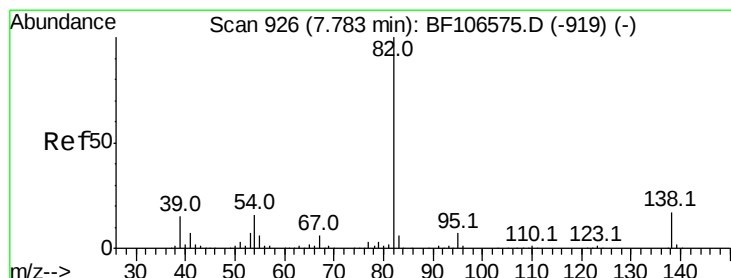
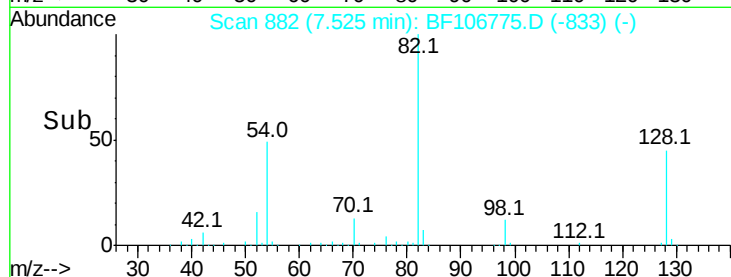
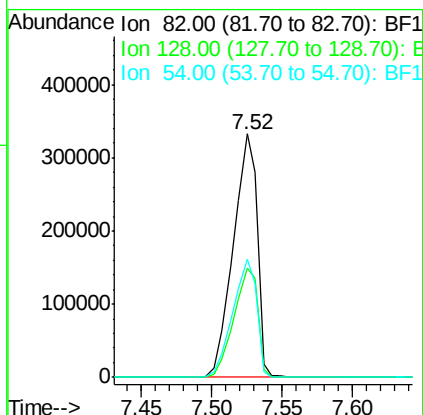
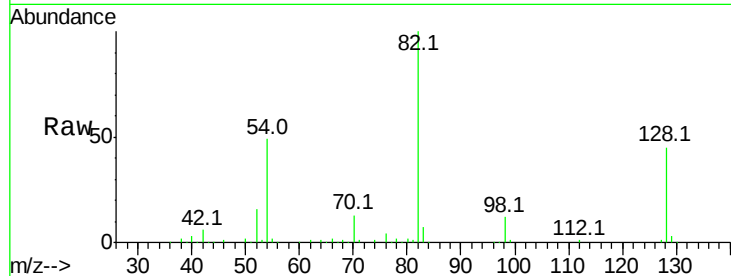




#23
 Nitrobenzene-d5
 Concen: 90.017 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF106775.D
 Acq: 25 Jun 2018 17:03

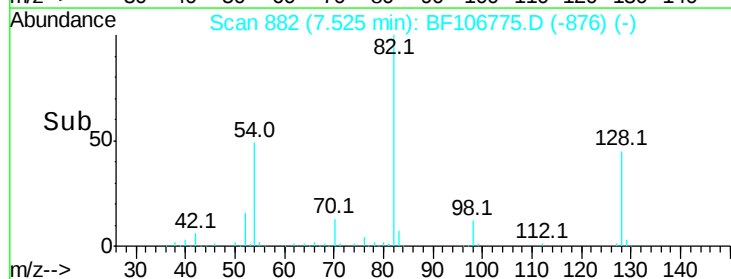
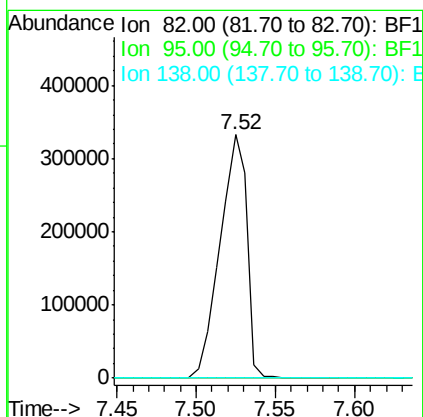
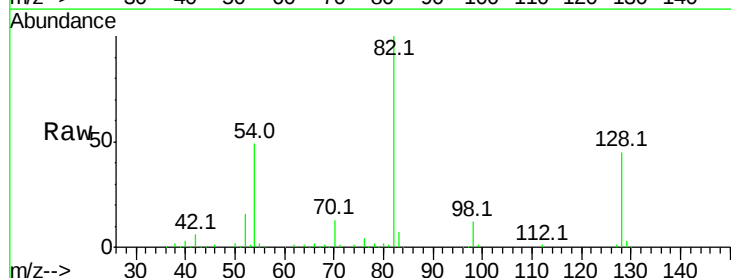
Instrument :
 BNA_F
 ClientSampleId :

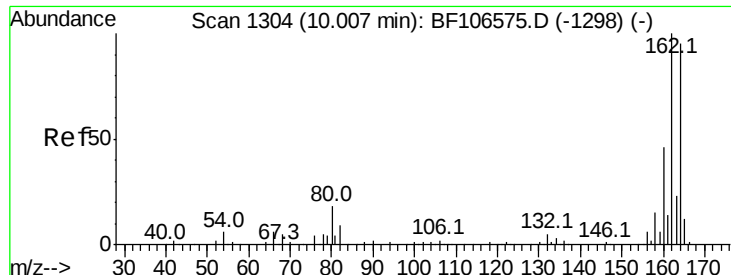
Tot Ion	82	Resp	392915
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	48.6	41.4	62.2



#25
 Isophorone
 Concen: 50.721 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.26 min
 Lab File: BF106775.D
 Acq: 25 Jun 2018 17:03

Tgt Ion	82	Resp	390123
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

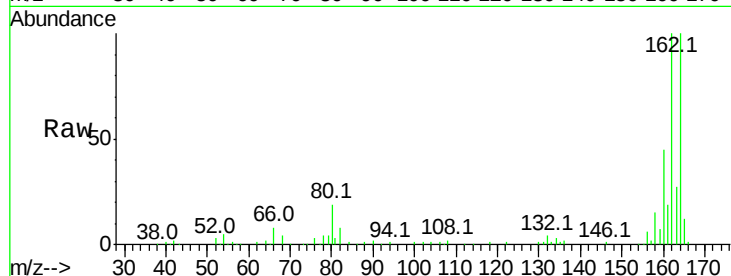




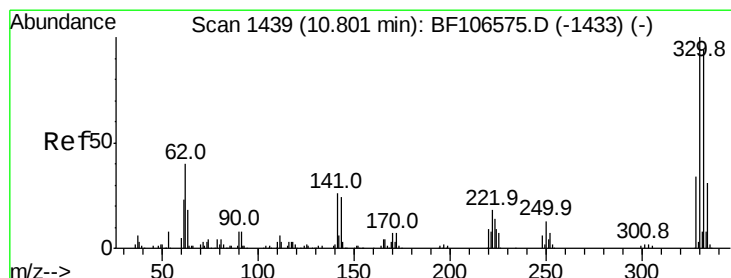
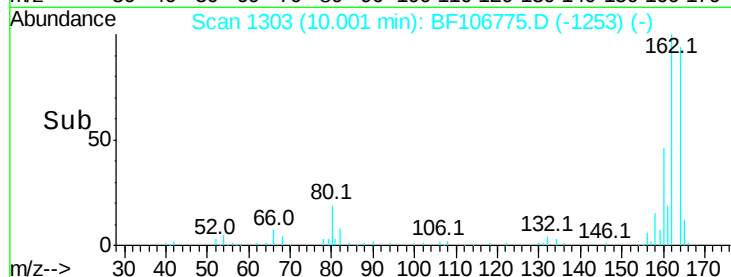
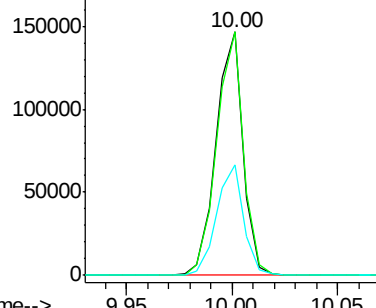
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106775.D
Acq: 25 Jun 2018 17:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 128835
Ion Ratio Lower Upper
164 100
162 100.2 86.1 129.1
160 45.4 38.3 57.5

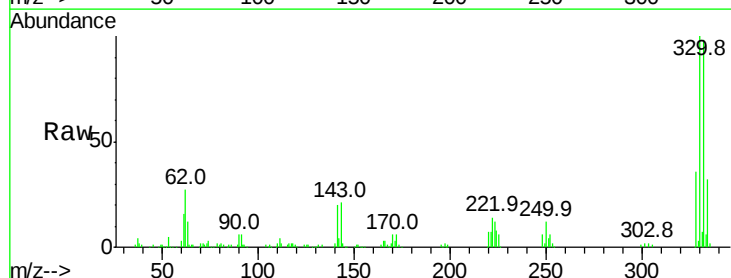


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

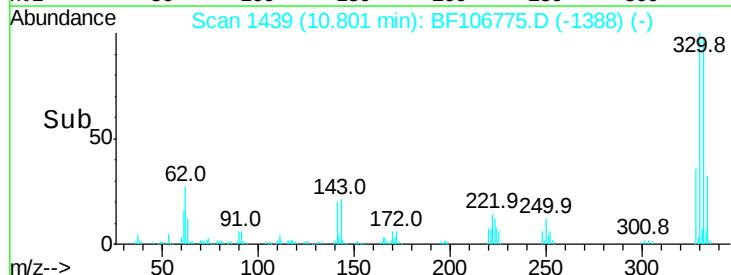
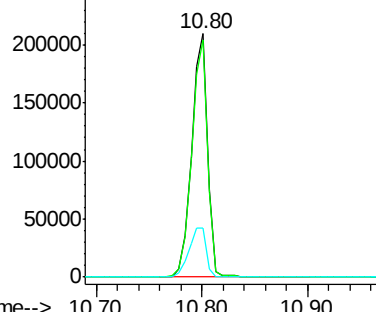


#41
2,4,6-Tribromophenol
Concen: 148.392 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF106775.D
Acq: 25 Jun 2018 17:03

Tgt Ion:330 Resp: 221584
Ion Ratio Lower Upper
330 100
332 97.2 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

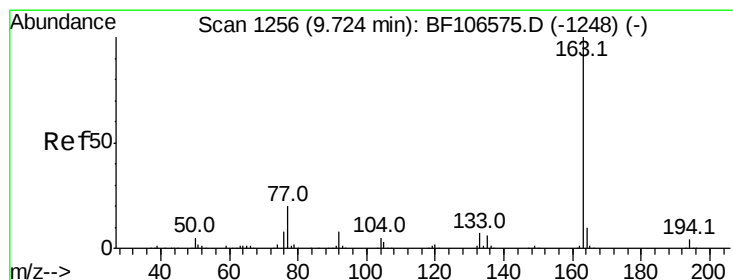
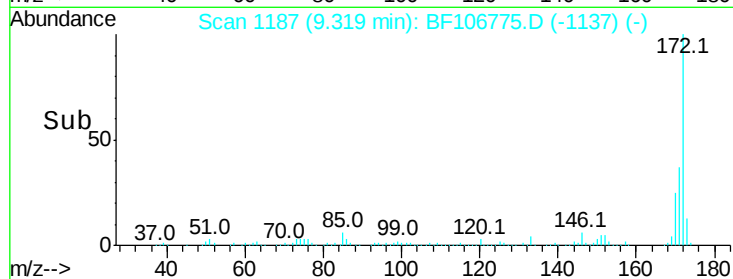
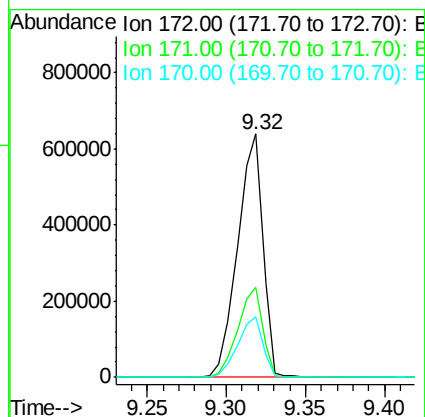
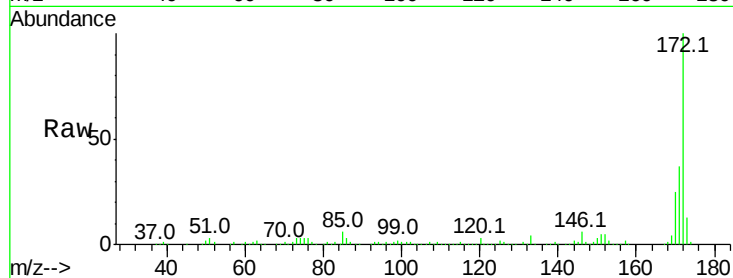




#44
 2-Fluorobiphenyl
 Concen: 94.309 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106775.D
 Acq: 25 Jun 2018 17:03

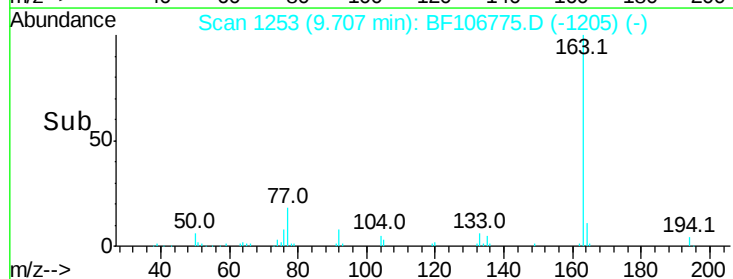
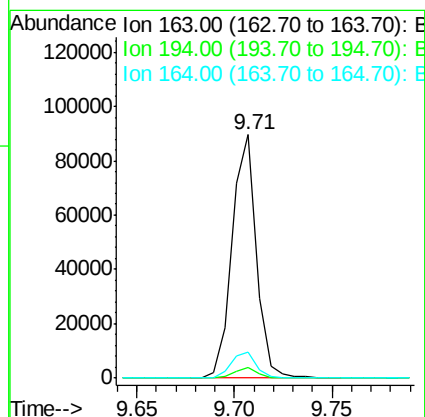
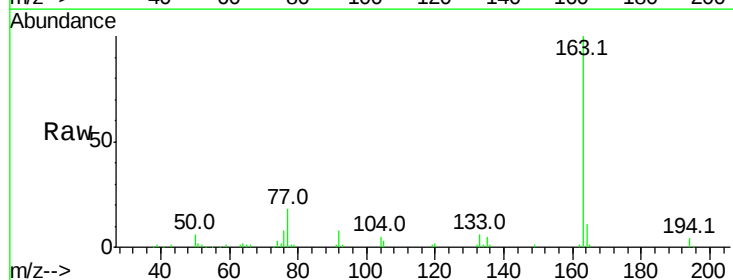
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 705544
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 24.8 19.6 29.4



#49
 Dimethylphthalate
 Concen: 7.980 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106775.D
 Acq: 25 Jun 2018 17:03

Tgt Ion:163 Resp: 77110
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 10.8 8.2 12.2

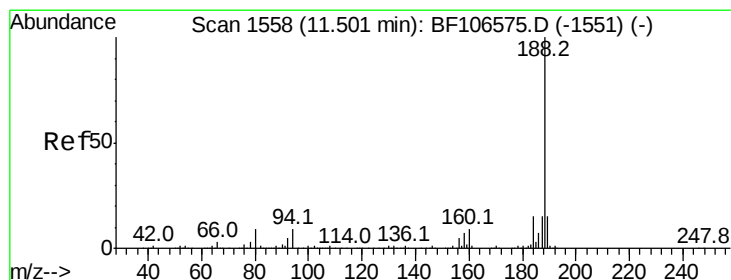
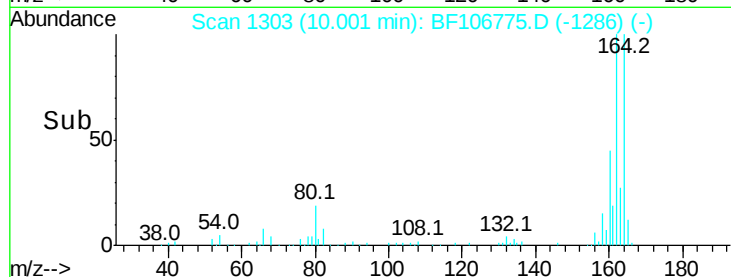
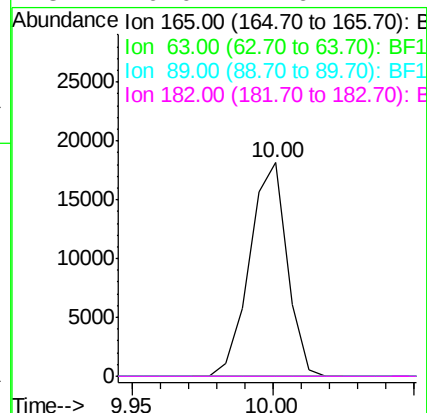
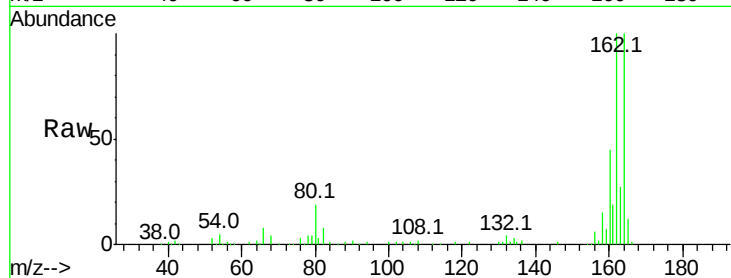




#56
 2,4-Dinitrotoluene
 Concen: 6.252 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF106775.D
 Acq: 25 Jun 2018 17:03

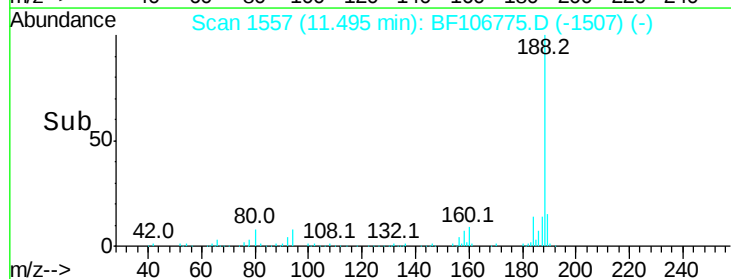
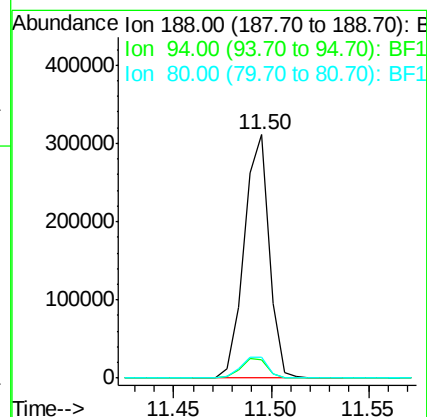
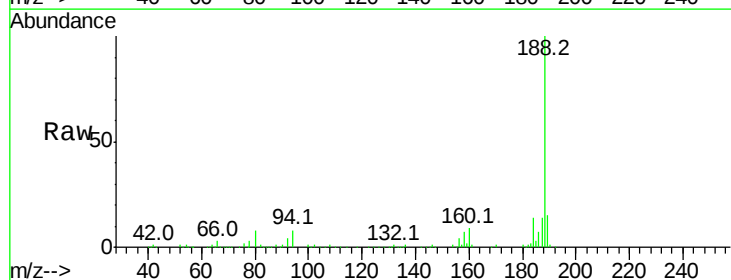
Instrument :
 BNA_F
 ClientSampled :

Tot 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: BF106775.D
 Acq: 25 Jun 2018 17:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.5	9.2	13.8#

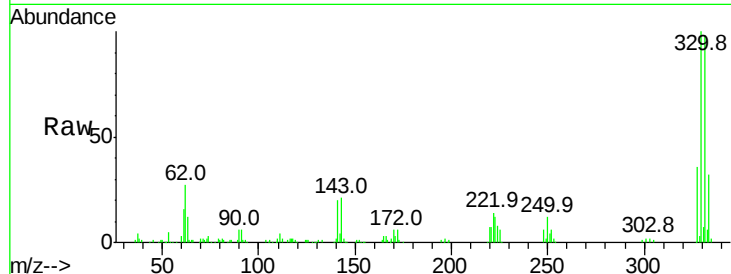




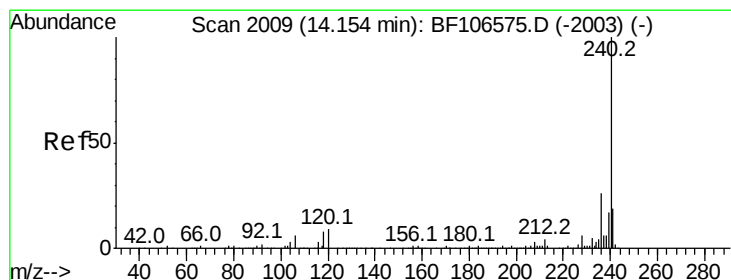
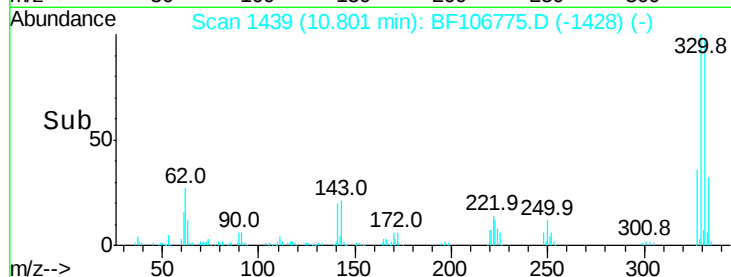
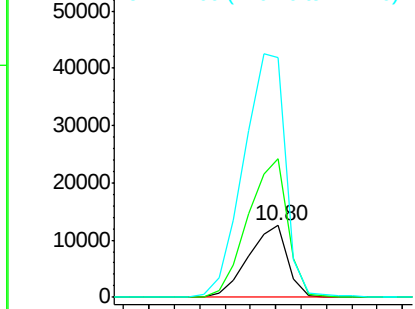
#66
4-Bromophenyl-phenylether
Concen: 4.030 ng
RT: 10.80 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF106775.D
Acq: 25 Jun 2018 17:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13326
Ion Ratio Lower Upper
248 100
250 192.9 76.9 115.3#
141 334.2 74.4 111.6#

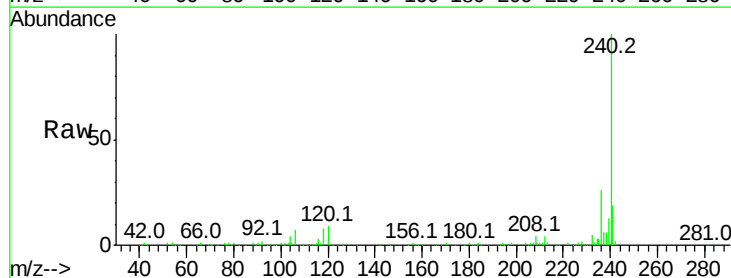


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

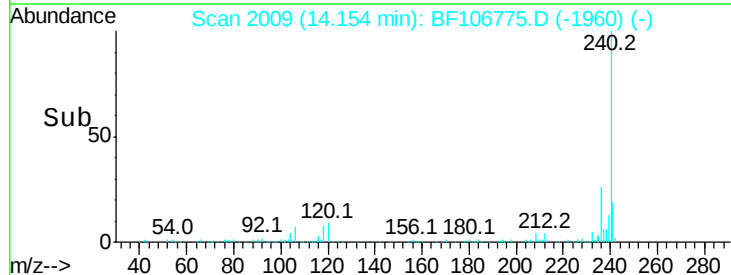
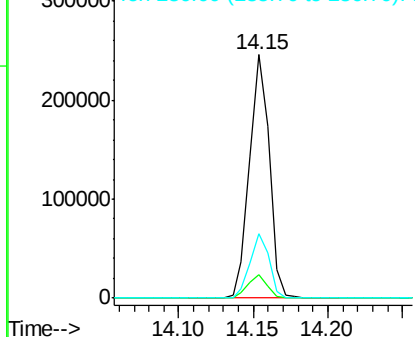


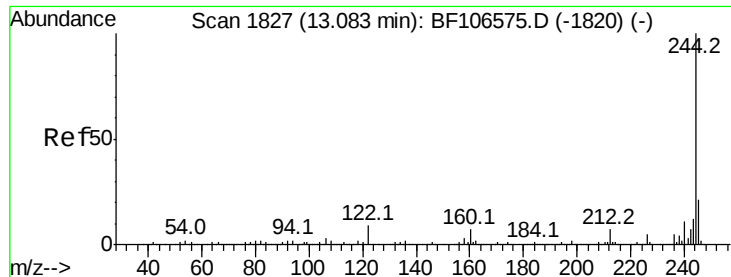
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF106775.D
Acq: 25 Jun 2018 17:03

Tgt Ion:240 Resp: 225815
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3#
236 26.3 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: 100.816 ng

RT: 13.08 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BF106775.D

Acq: 25 Jun 2018 17:03

Instrument :

BNA_F

ClientSampleId :

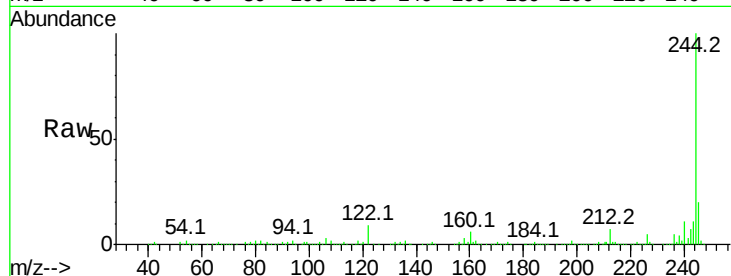
Tot Ion:244 Resp: 939843

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

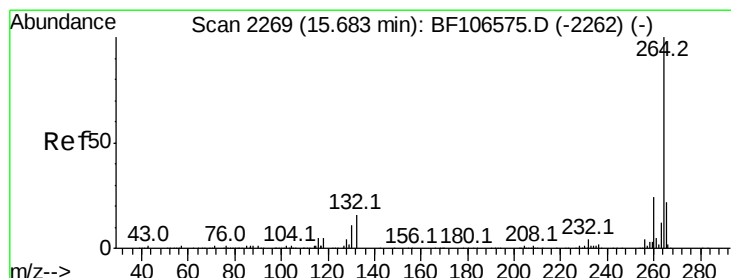
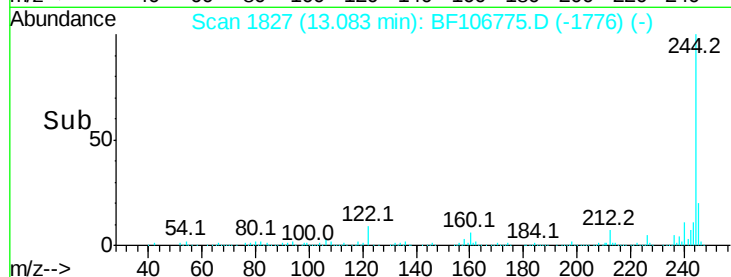
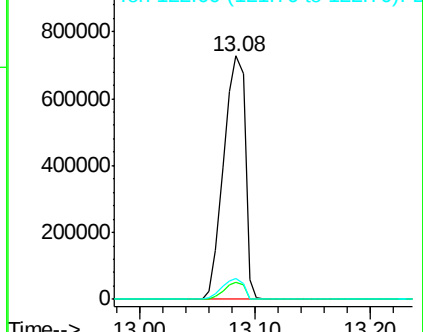
122 8.6 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.71 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF106775.D

Acq: 25 Jun 2018 17:03

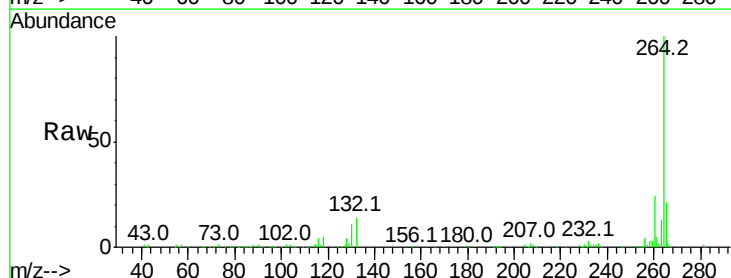
Tgt Ion:264 Resp: 176313

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.2 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

