

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
 Data File : BF106716.D
 Acq On : 22 Jun 2018 18:50
 Operator : JU/SJ
 Sample : J3573-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 22:23:17 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 22 11:34:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	56550	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	214982	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	113824	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	242262	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	191636	20.00	ng	-0.01
86) Perylene-d12	15.68	264	155154	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	405124	121.31	ng	0.00
7) Phenol-d6	6.61	99	523783	125.59	ng	0.00
23) Nitrobenzene-d5	7.52	82	353372	91.35	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	201872	153.02	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	635980	96.58	ng	0.00
78) Terphenyl-d14	13.08	244	806526	101.95	ng	0.00

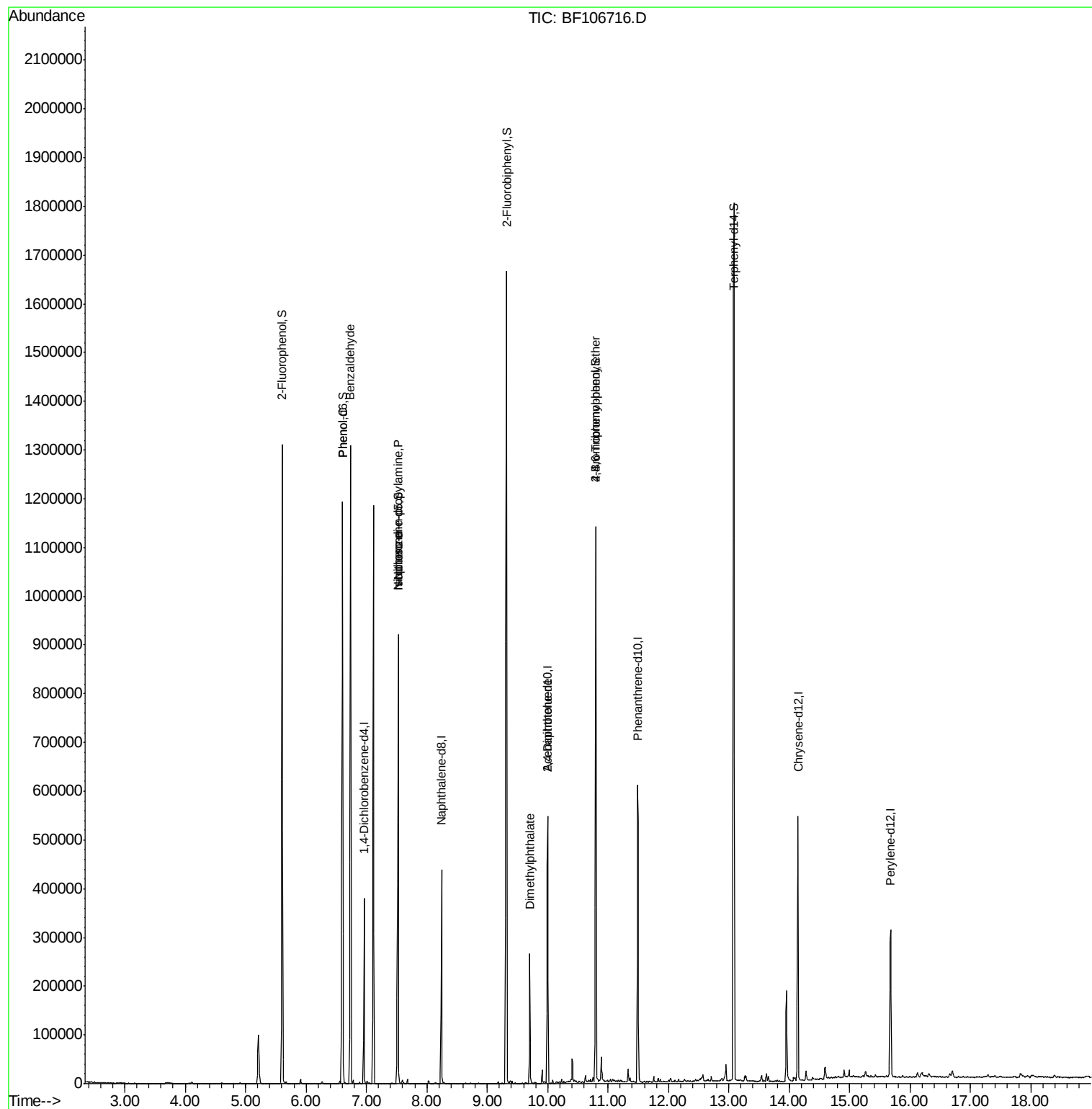
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	9446	2.683	ng	88
10) Phenol	6.61	94	10849	2.279	ng	# 70
19) n-Nitroso-di-n-propylamine	7.52	70	45963	16.719	ng	# 73
25) Isophorone	7.52	82	353369	51.839	ng	# 64
49) Dimethylphthalate	9.71	163	105424	12.349	ng	99
56) 2,4-Dinitrotoluene	10.00	165	14357	6.085	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	12495	4.322	ng	# 1

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

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ALS Vial : 8 Sample Multiplier: 1

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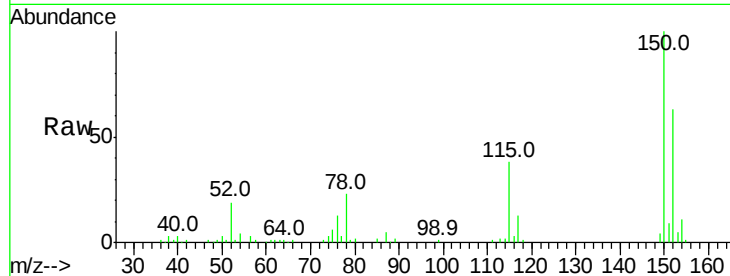


#1

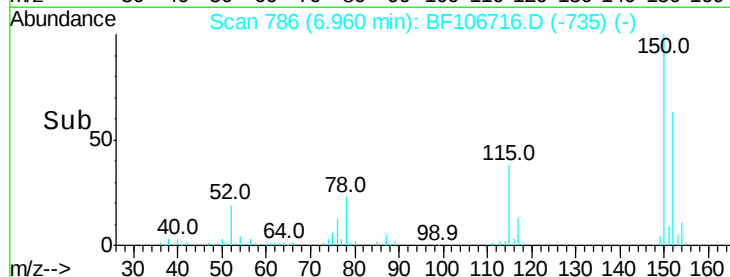
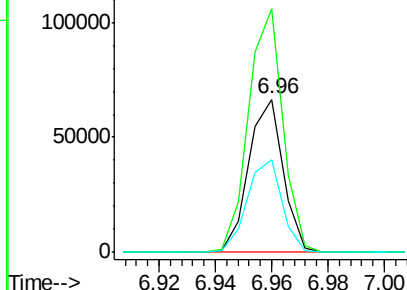
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106716.D
Acq: 22 Jun 2018 18:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 56550
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 60.1 50.1 75.1



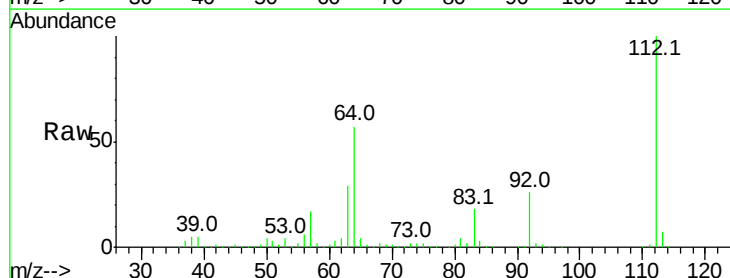
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



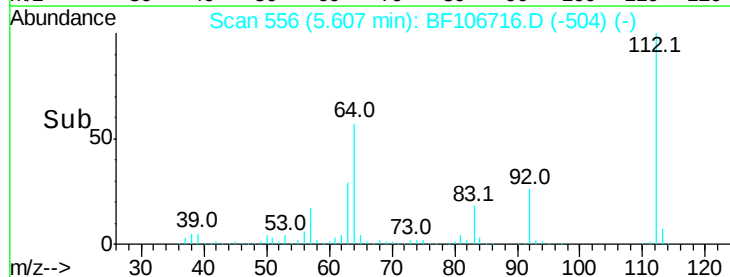
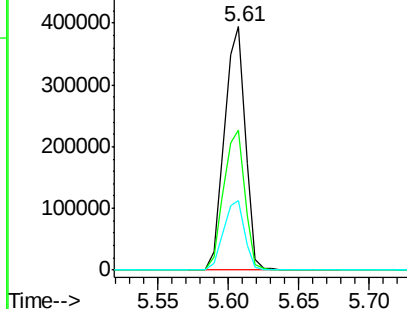
#5

2-Fluorophenol
Concen: 121.309 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106716.D
Acq: 22 Jun 2018 18:50

Tgt Ion:112 Resp: 405124
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 28.6 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: 125.592 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF106716.D

Acq: 22 Jun 2018 18:50

Instrument :

BNA_F

ClientSampled :

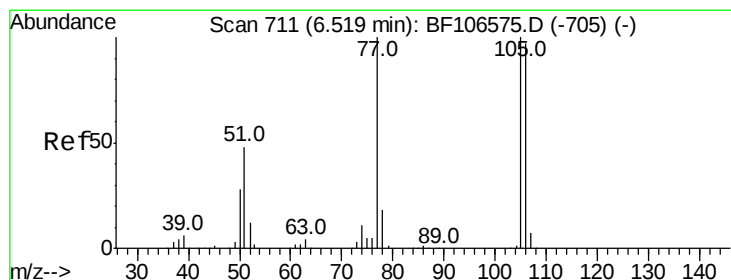
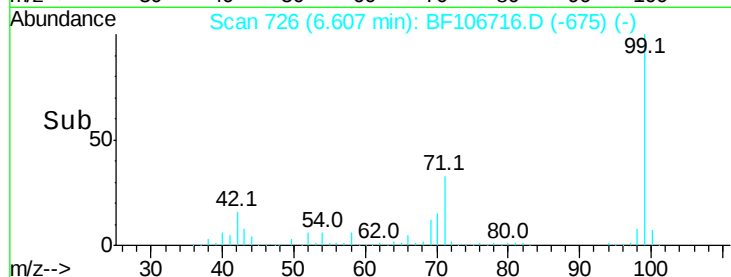
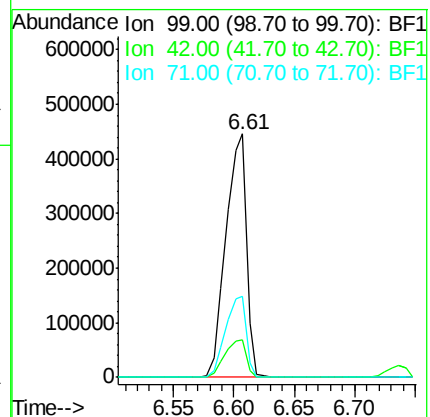
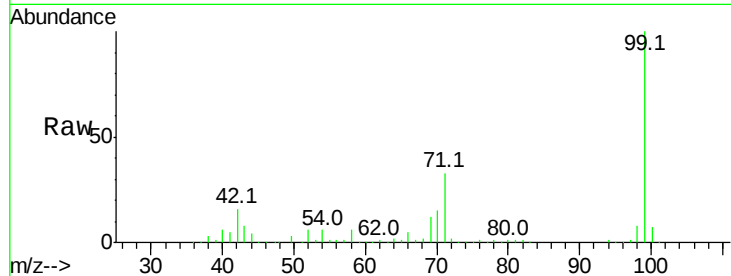
Tot Ion: 99 Resp: 523783

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 33.2 25.4 38.0



#9

Benzaldehyde

Concen: 2.683 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106716.D

Acq: 22 Jun 2018 18:50

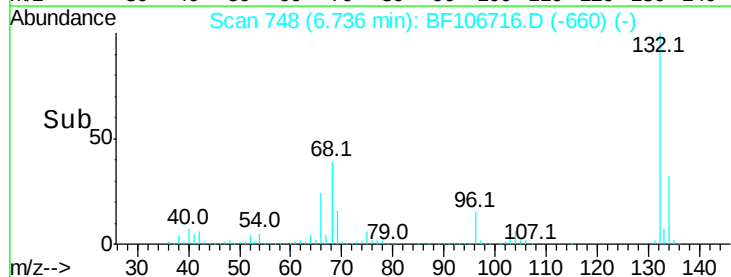
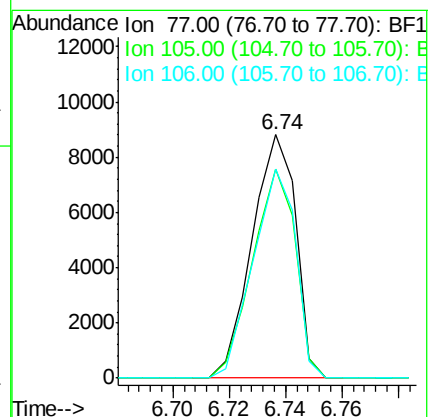
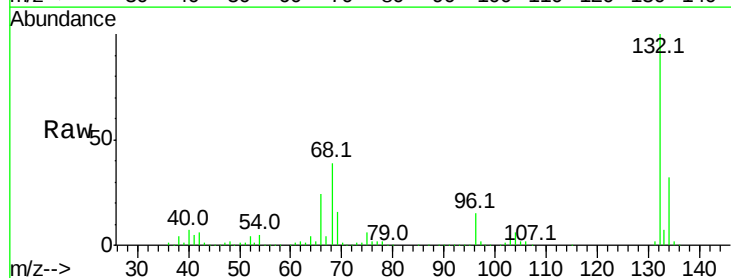
Tgt Ion: 77 Resp: 9446

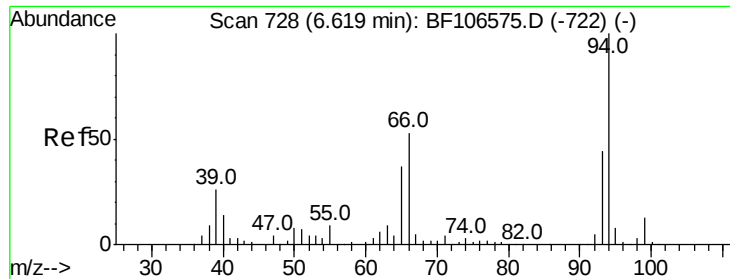
Ion Ratio Lower Upper

77 100

105 85.6 81.1 121.1

106 85.8 74.5 114.5





#10

Phenol

Concen: 2.279 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106716.D

Acq: 22 Jun 2018 18:50

Instrument :

BNA_F

ClientSampleId :

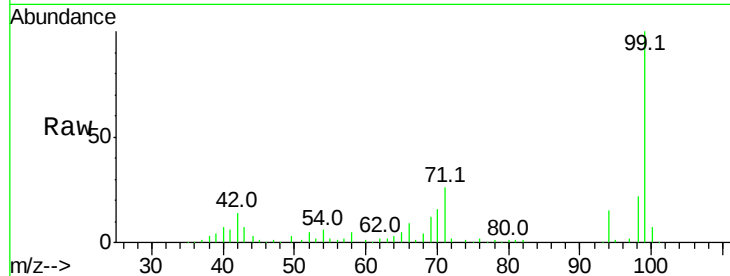
Tot Ion: 94 Resp: 10849

Ion Ratio Lower Upper

94 100

65 34.9 7.9 47.9

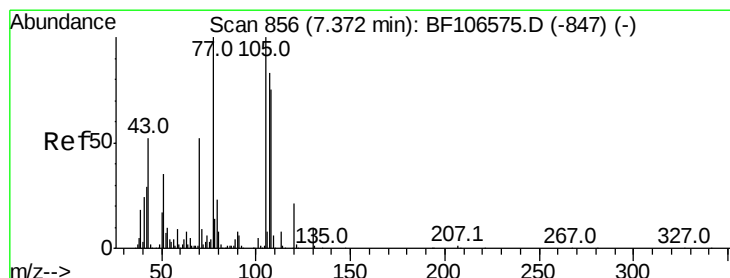
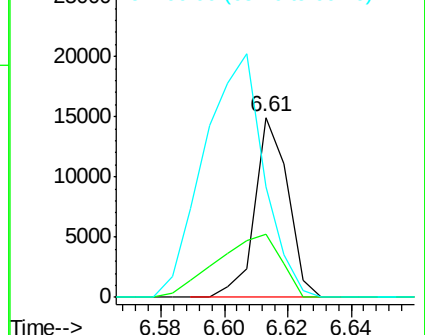
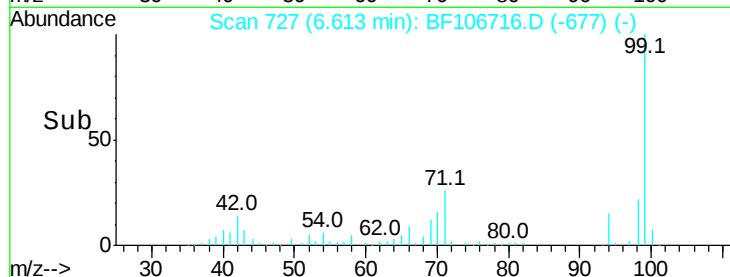
66 61.6 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.719 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.15 min

Lab File: BF106716.D

Acq: 22 Jun 2018 18:50

Tgt Ion: 70 Resp: 45963

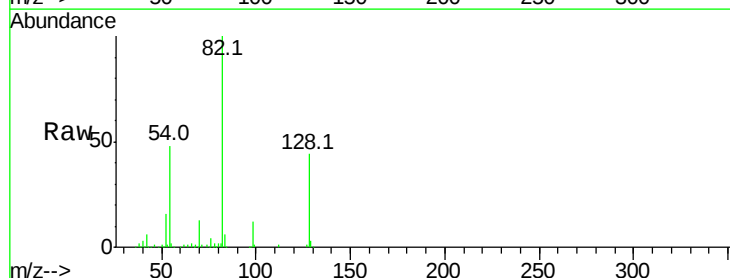
Ion Ratio Lower Upper

70 100

42 41.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

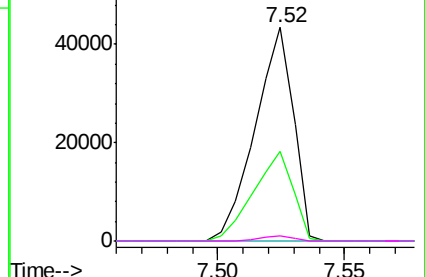
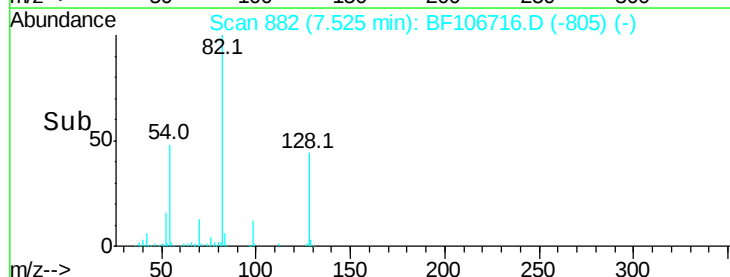


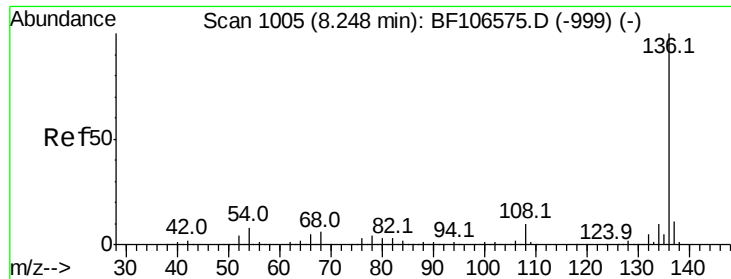
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

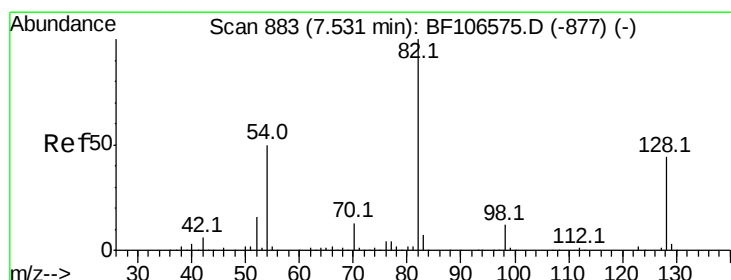
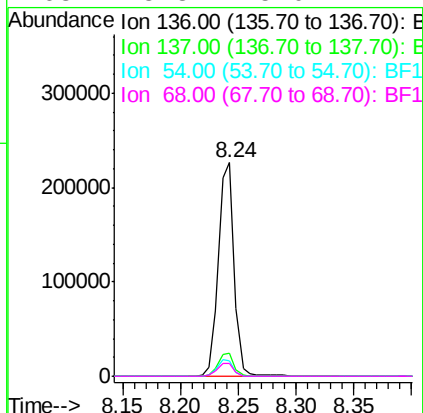
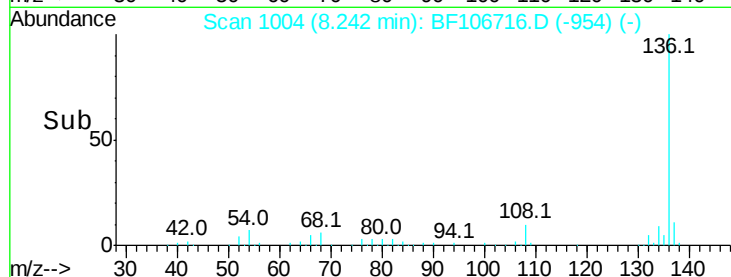
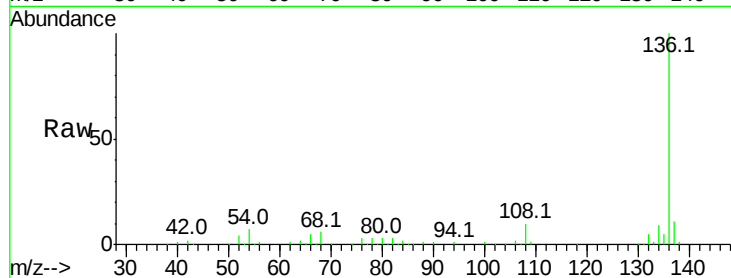




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106716.D
Acq: 22 Jun 2018 18:50

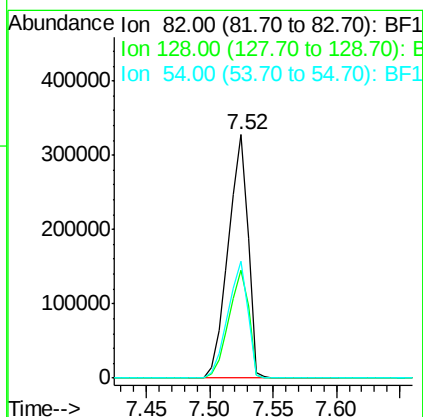
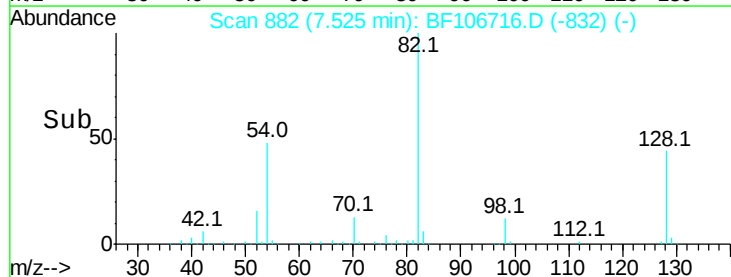
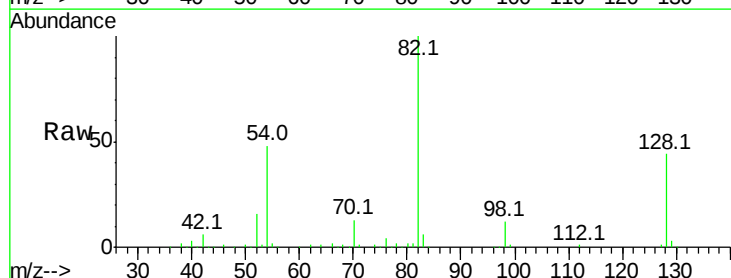
Instrument :
BNA_F
ClientSampleId :

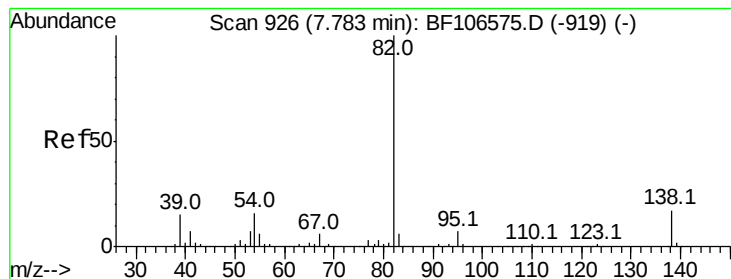
Tot Ion:	136	Resp:	214982
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4



#23
Nitrobenzene-d5
Concen: 91.348 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106716.D
Acq: 22 Jun 2018 18:50

Tgt Ion:	82	Resp:	353372
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	48.1	41.4	62.2





#25

Isophorone

Concen: 51.839 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106716.D

Acq: 22 Jun 2018 18:50

Instrument :

BNA_F

ClientSampled :

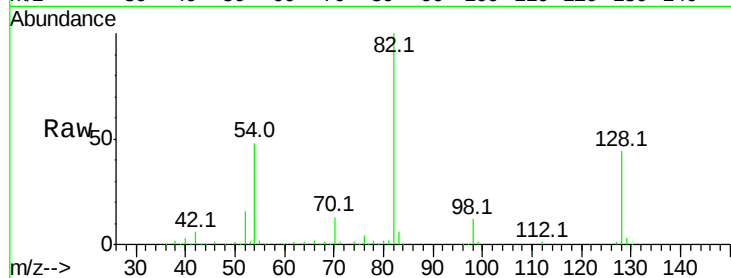
Tot Ion: 82 Resp: 353369

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

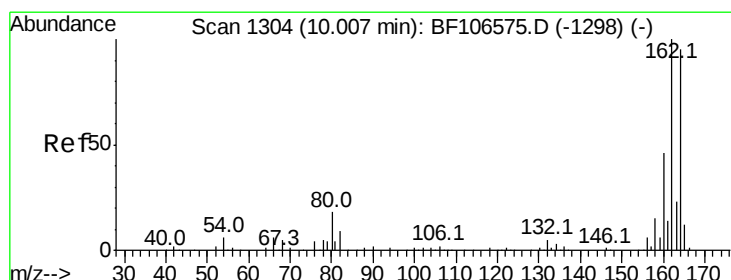
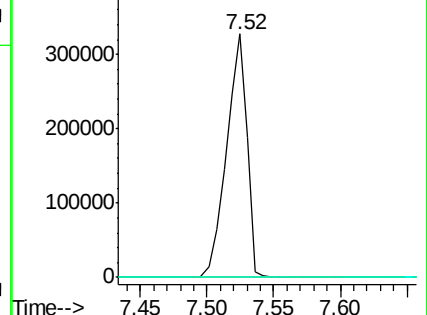
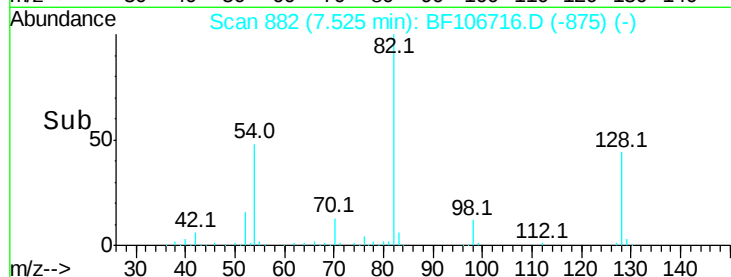
138 0.0 14.9 22.3#



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: BF106716.D

Acq: 22 Jun 2018 18:50

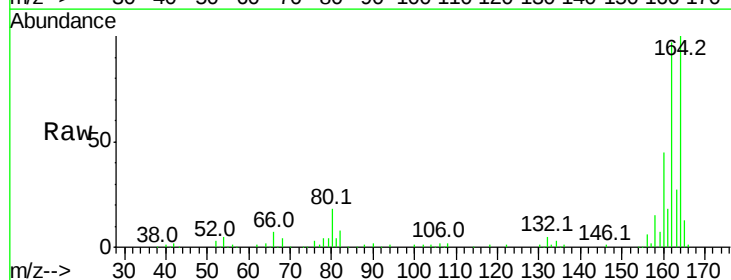
Tgt Ion: 164 Resp: 113824

Ion Ratio Lower Upper

164 100

162 96.6 86.1 129.1

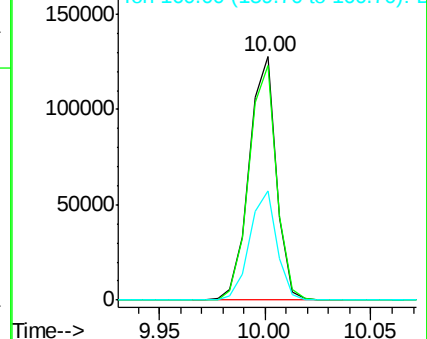
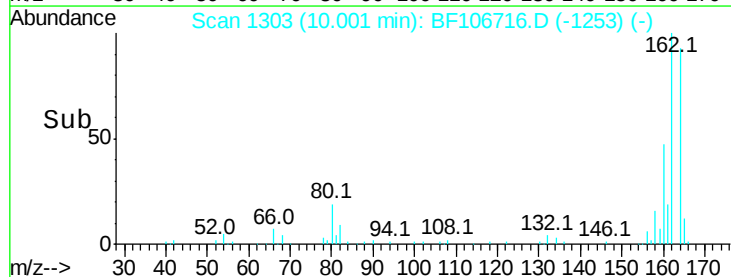
160 45.0 38.3 57.5

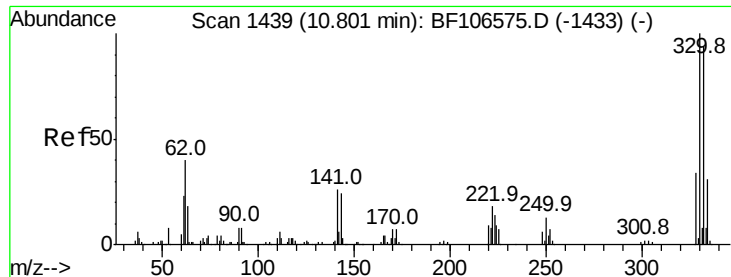


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

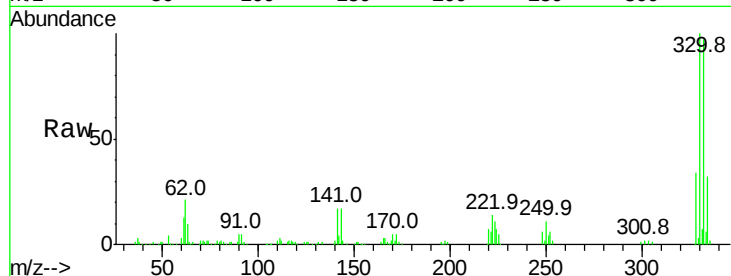




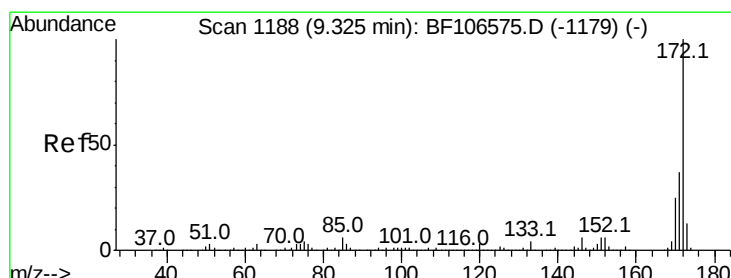
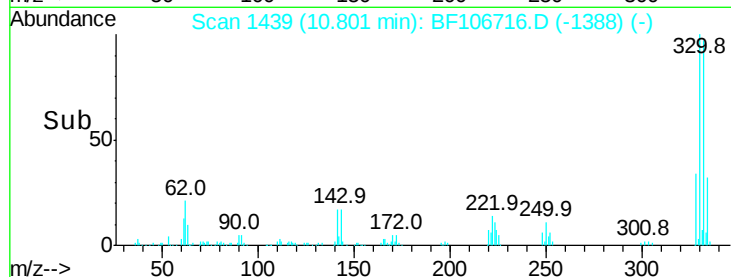
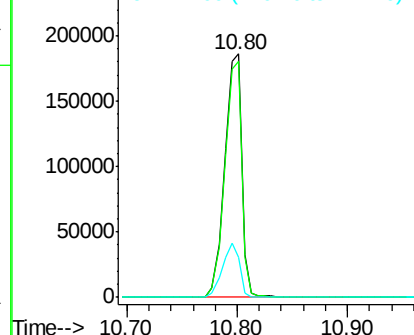
#41
 2,4,6-Tribromophenol
 Concen: 153.020 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF106716.D
 Acq: 22 Jun 2018 18:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	22.1	29.9	44.9#

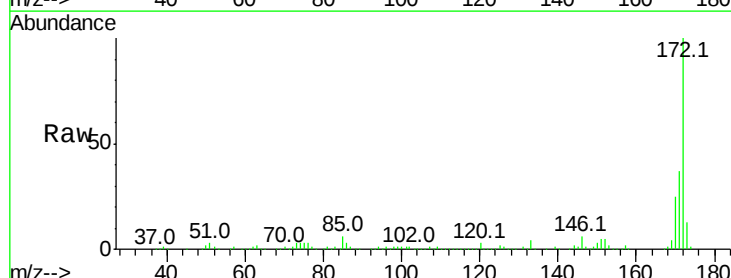


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

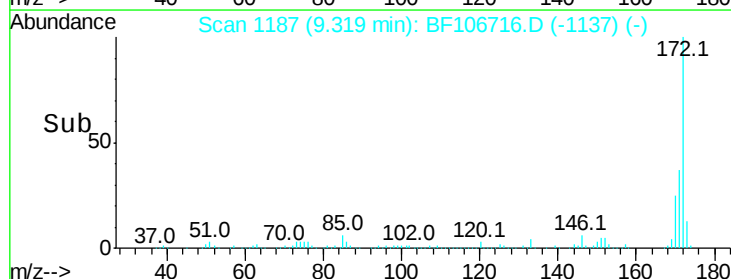
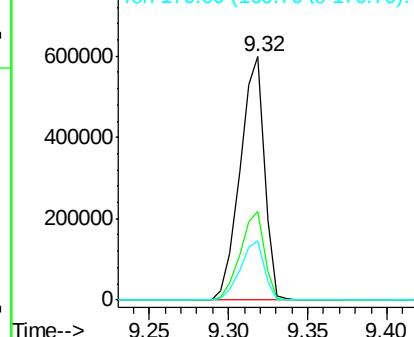


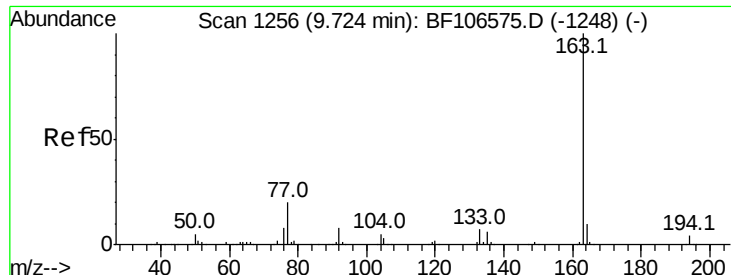
#44
 2-Fluorobiphenyl
 Concen: 96.584 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106716.D
 Acq: 22 Jun 2018 18:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.5	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

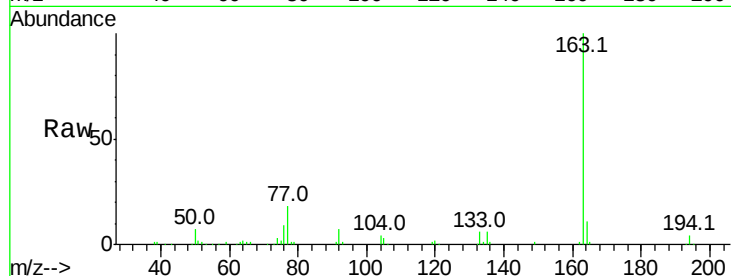




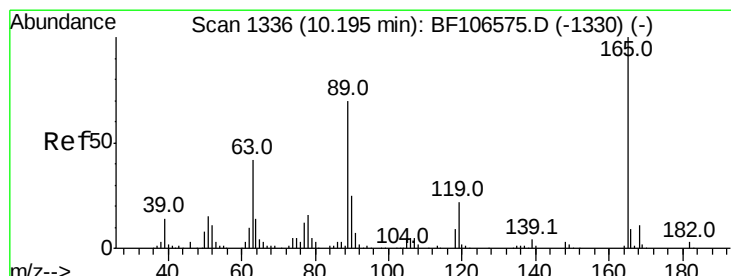
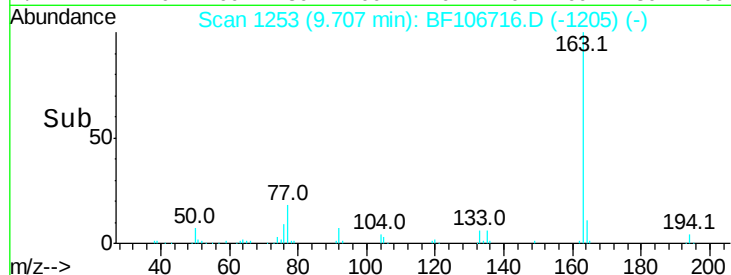
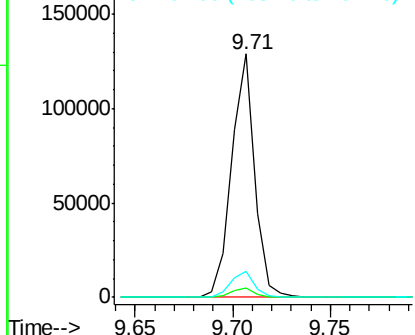
#49
 Dimethylphthalate
 Concen: 12.349 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF106716.D
 Acq: 22 Jun 2018 18:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	163	Resp:	105424
Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.6	8.2	12.2

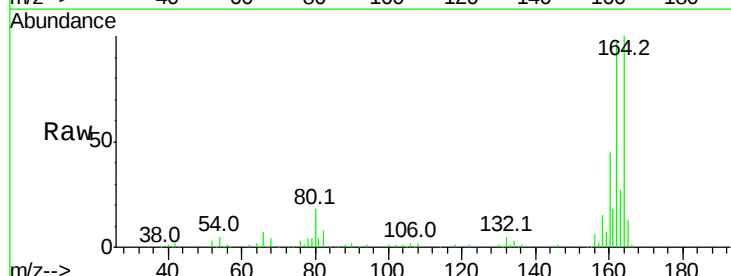


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

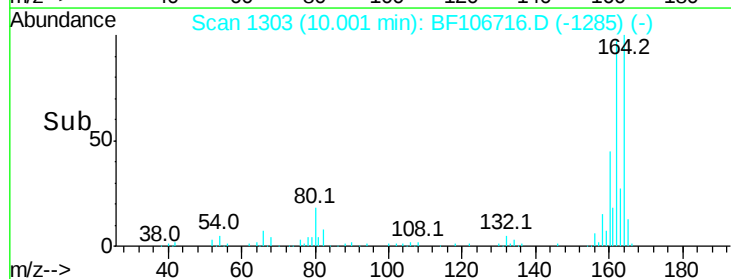
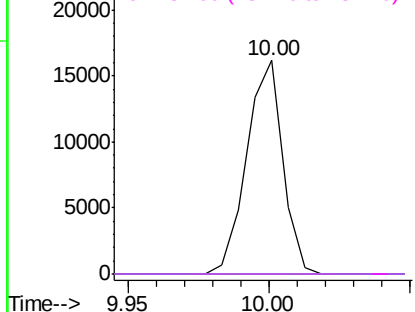


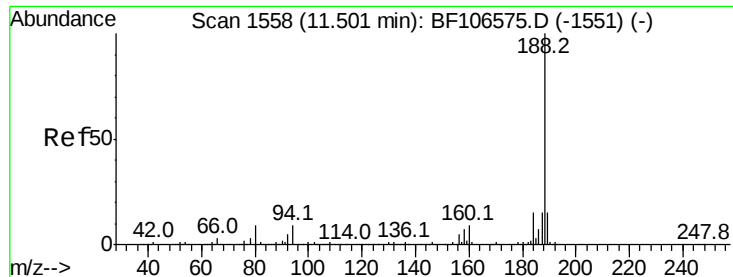
#56
 2,4-Dinitrotoluene
 Concen: 6.085 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF106716.D
 Acq: 22 Jun 2018 18:50

Tgt Ion:	165	Resp:	14357
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

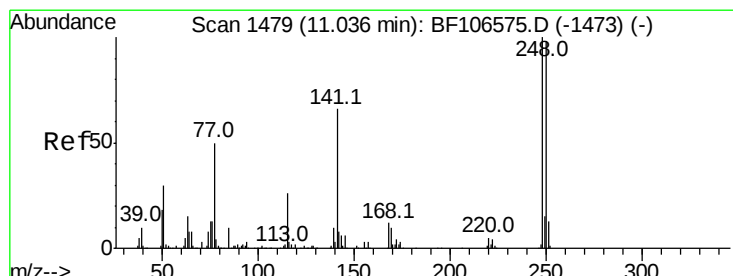
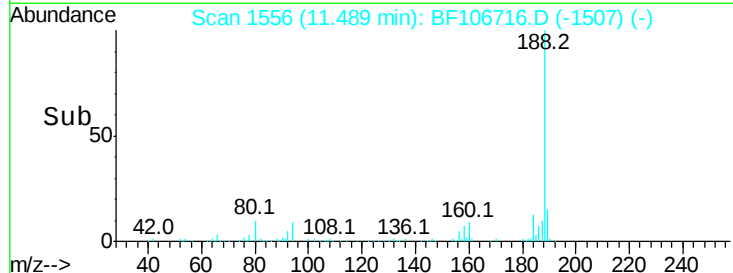
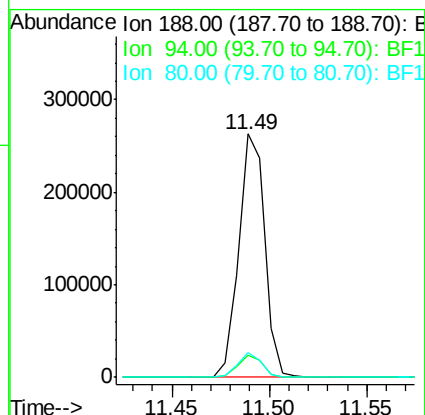
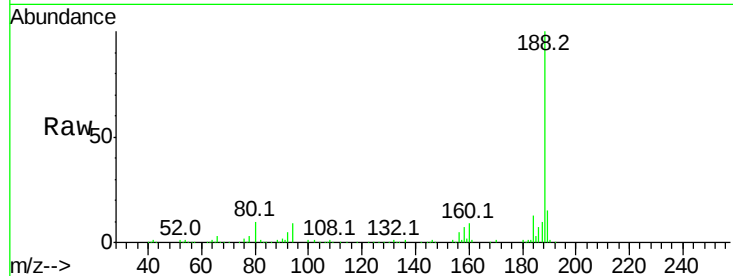




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106716.D
Acq: 22 Jun 2018 18:50

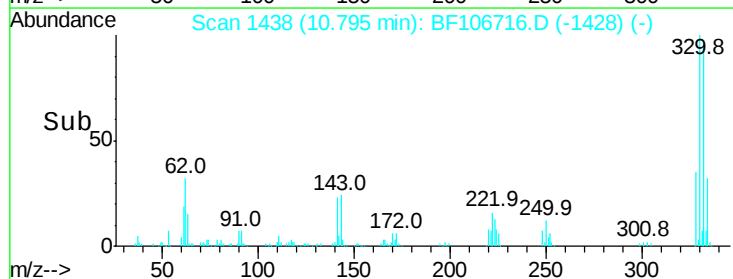
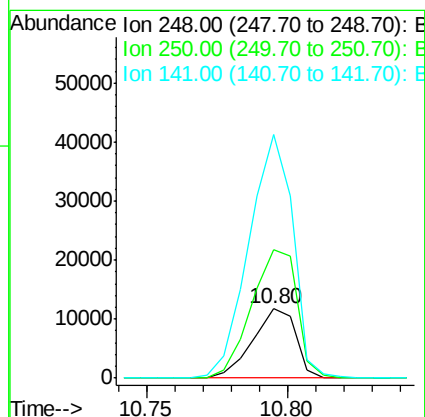
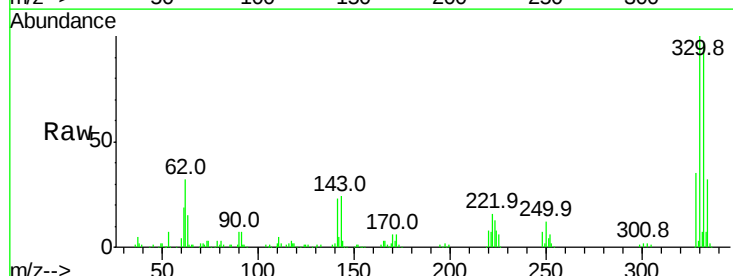
Instrument :
BNA_F
ClientSampleId :

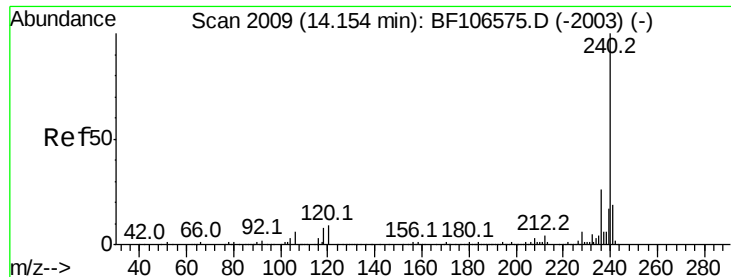
Tot Ion:188 Resp: 242262
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 10.0 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.322 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106716.D
Acq: 22 Jun 2018 18:50

Tgt Ion:248 Resp: 12495
Ion Ratio Lower Upper
248 100
250 184.3 76.9 115.3#
141 350.7 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF106716.D

Acq: 22 Jun 2018 18:50

Instrument :

BNA_F

ClientSampled :

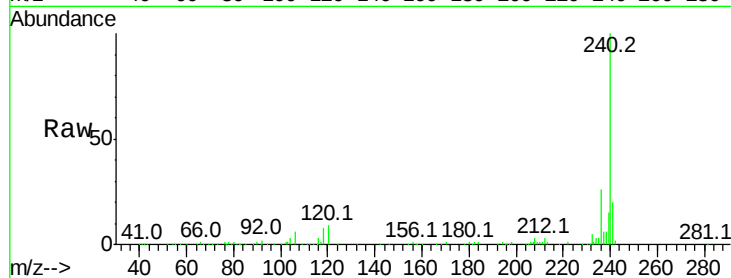
Tot Ion:240 Resp: 191636

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

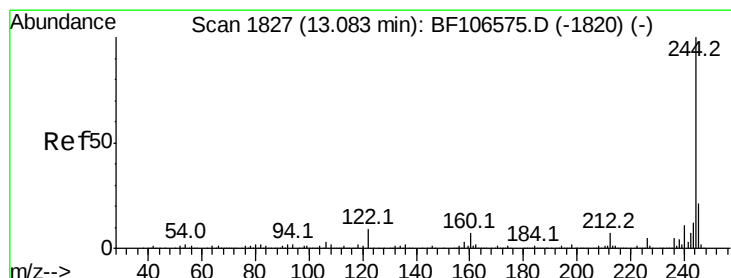
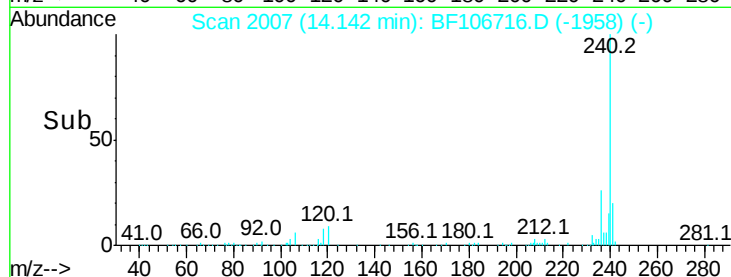
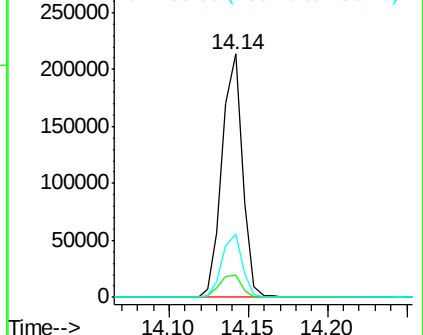
236 26.0 20.7 31.1



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: 101.946 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF106716.D

Acq: 22 Jun 2018 18:50

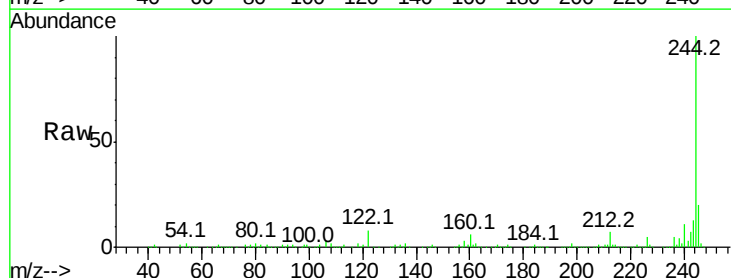
Tgt Ion:244 Resp: 806526

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

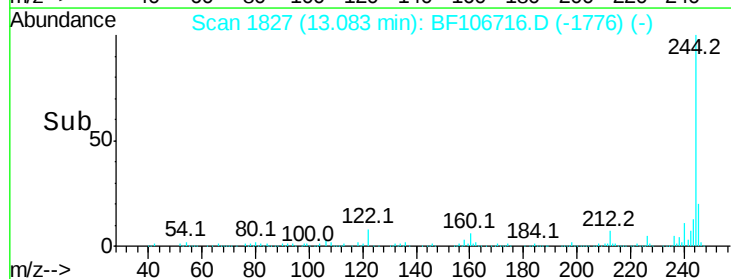
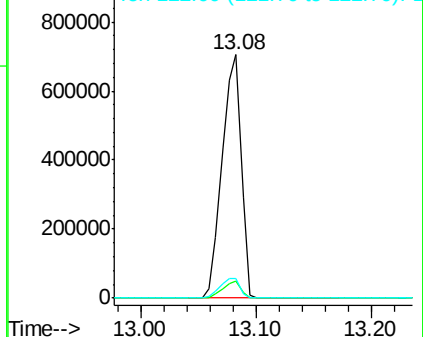
122 8.3 11.0 16.4#

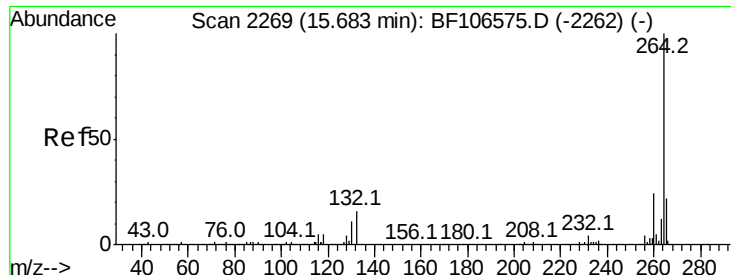


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

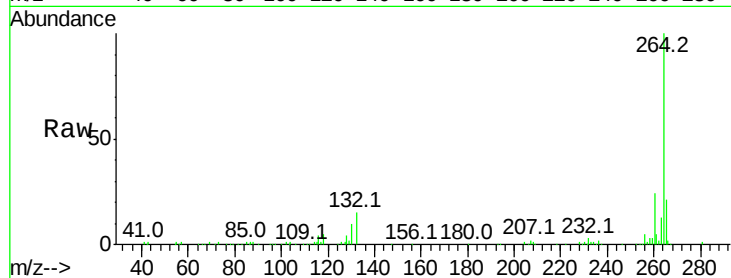




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF106716.D
Acq: 22 Jun 2018 18:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 155154
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.4 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

