

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101936.D
 Acq On : 5 Jan 2018 18:09
 Operator : SJ/JU
 Sample : J1027-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 21:39:27 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 05 12:29:26 2018
 Response via : Initial Calibration

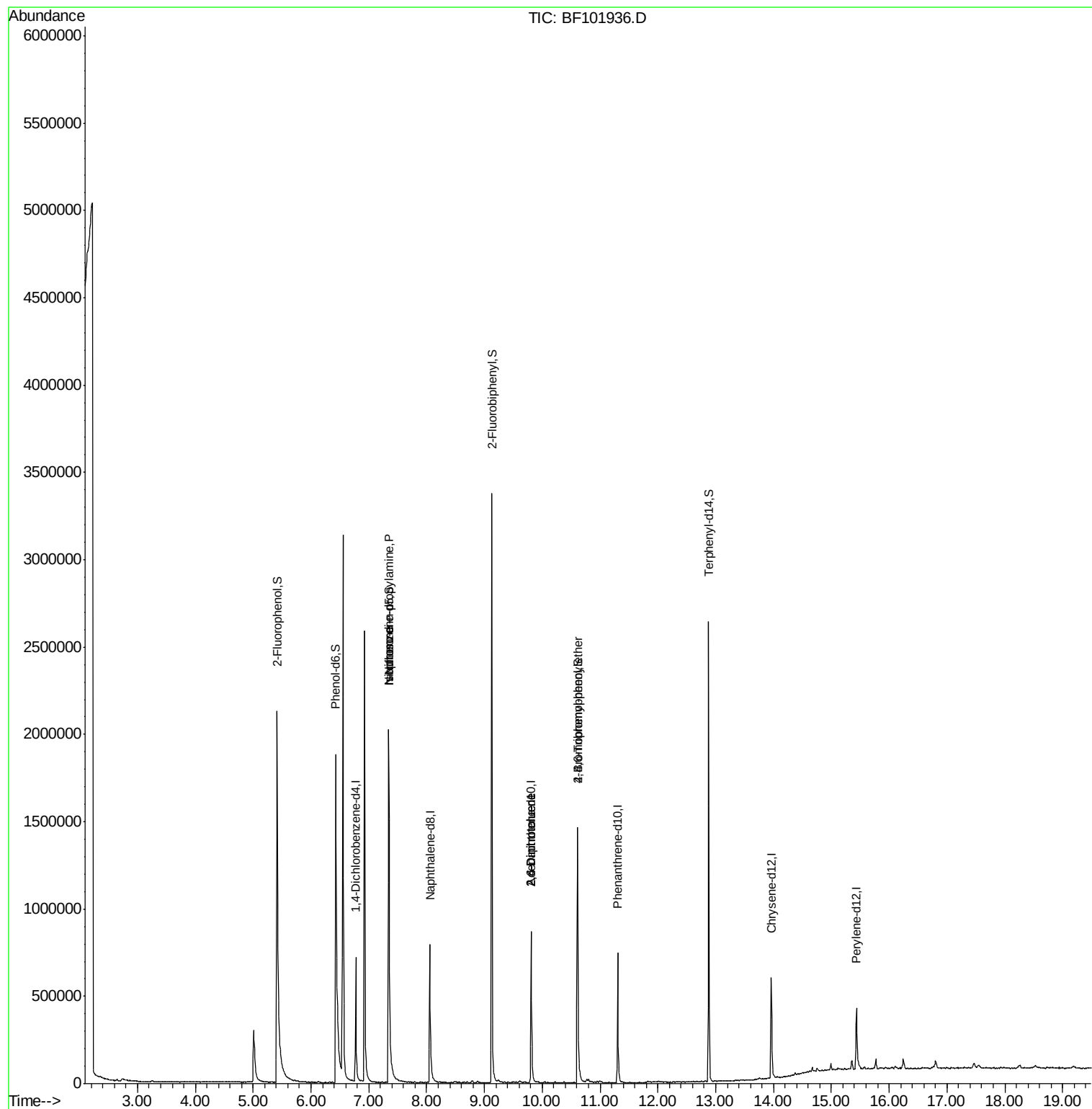
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	130278	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	504297	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	194913	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	306064	20.00	ng	0.00
75) Chrysene-d12	13.96	240	252556	20.00	ng	0.00
86) Perylene-d12	15.43	264	208836	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1097666	125.51	ng	0.01
7) Phenol-d6	6.43	99	1186335	108.99	ng	0.00
23) Nitrobenzene-d5	7.35	82	893613	98.64	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	213861	113.87	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1218641	96.99	ng	0.00
78) Terphenyl-d14	12.88	244	938560	89.59	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	120735	16.890	ng	# 84
25) Isophorone	7.35	82	893608	49.170	ng	# 64
50) 2,6-Dinitrotoluene	9.81	165	24175	7.587	ng	# 27
56) 2,4-Dinitrotoluene	9.81	165	24175	6.734	ng	# 24
66) 4-Bromophenyl-phenylether	10.61	248	13981	4.065	ng	# 1

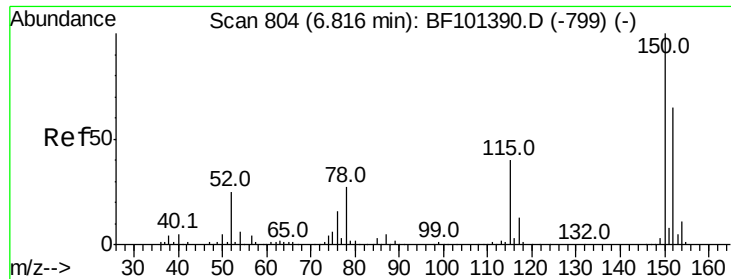
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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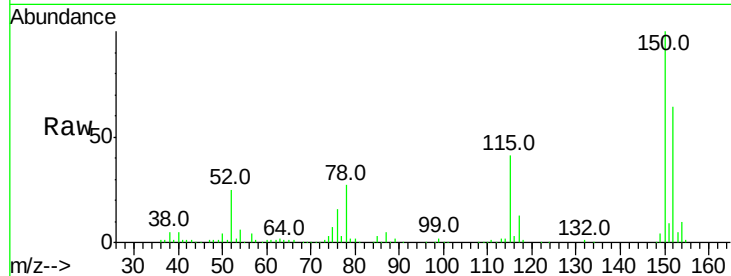


#1

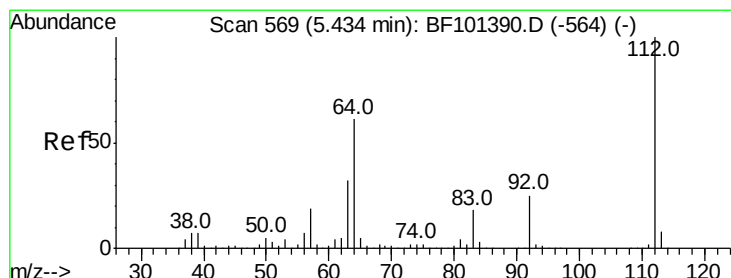
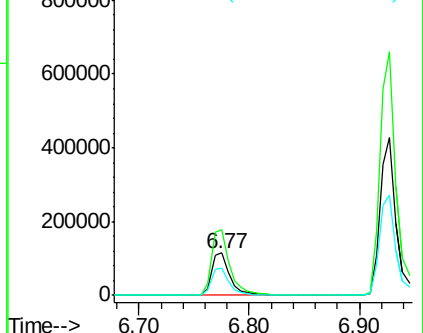
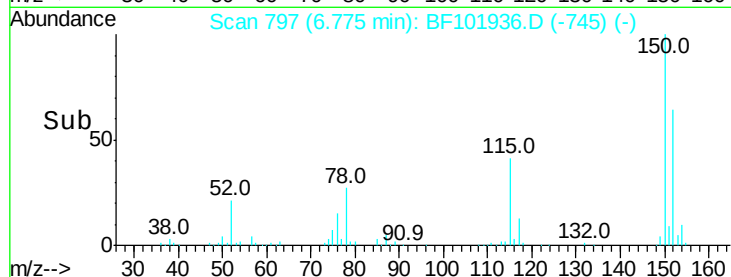
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101936.D
Acq: 5 Jan 2018 18:09

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 130278
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 63.0 50.1 75.1



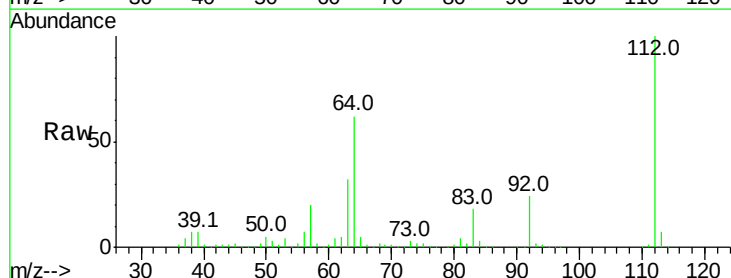
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



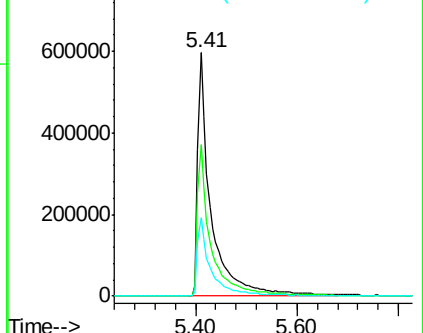
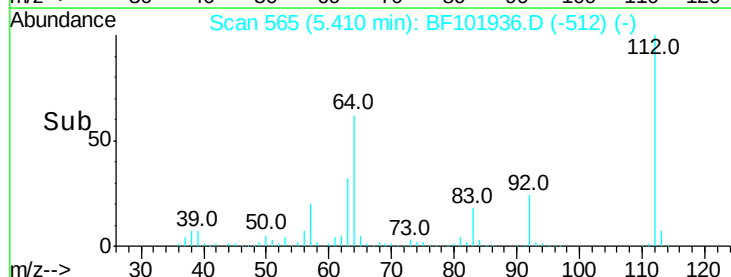
#5

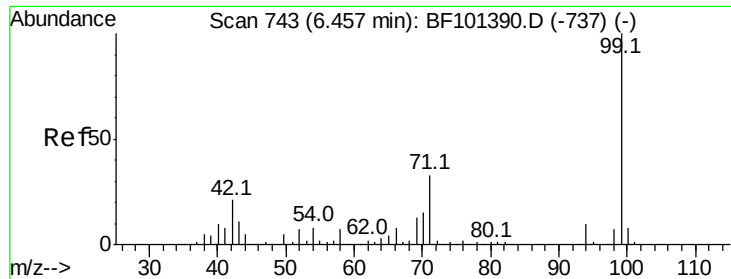
2-Fluorophenol
Concen: 125.505 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101936.D
Acq: 5 Jan 2018 18:09

Tgt Ion:112 Resp: 1097666
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 32.3 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: 108.991 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

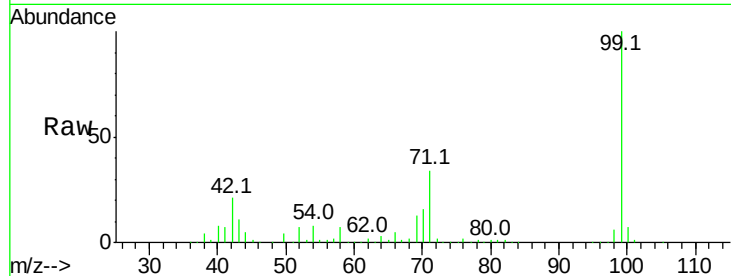
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1186335

Ion	Ratio	Lower	Upper
99	100		
42	20.9	14.5	21.7
71	33.7	25.4	38.0

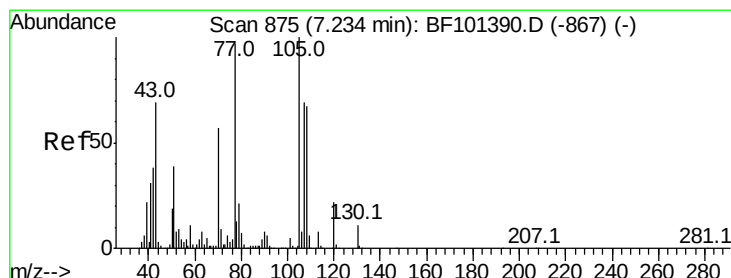
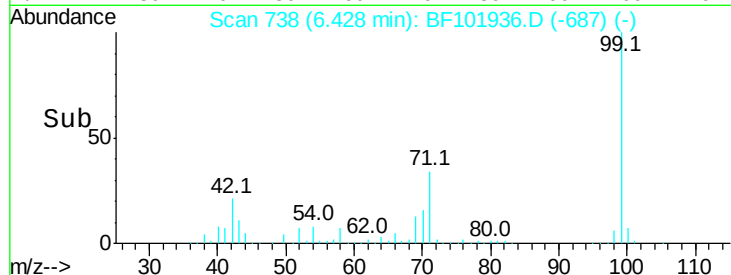
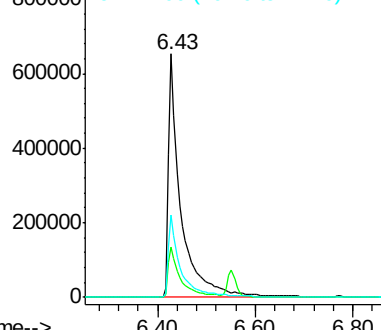


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 16.890 ng

RT: 7.35 min Scan# 894

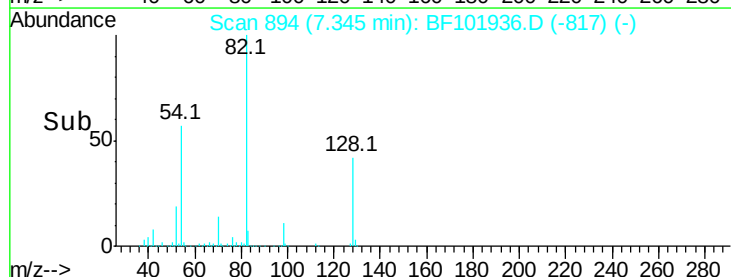
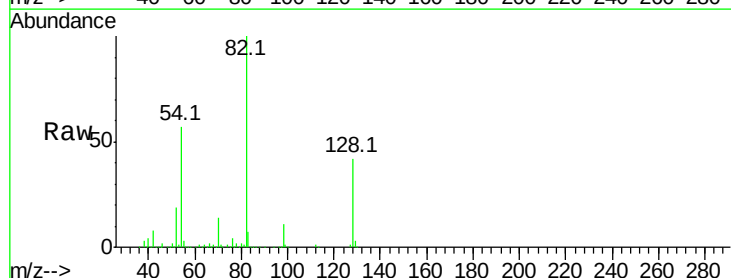
Delta R.T. 0.15 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

Tgt Ion: 70 Resp: 120735

Ion	Ratio	Lower	Upper
70	100		
42	54.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.0	16.6	25.0#



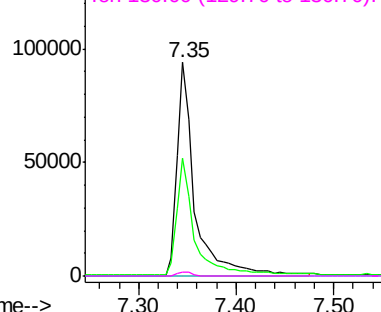
Abundance

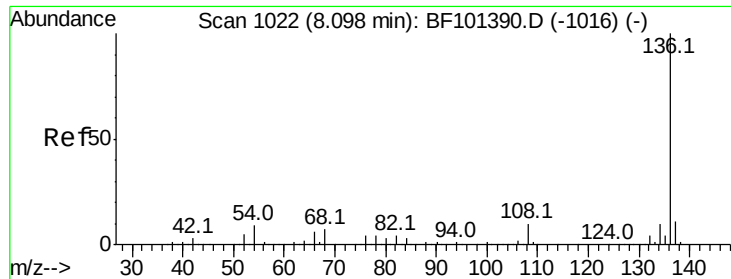
Ion 70.00 (69.70 to 70.70): BF1

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

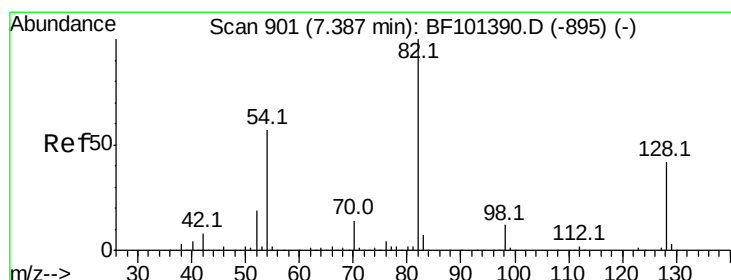
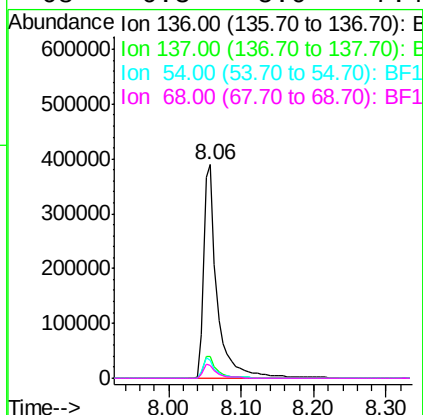
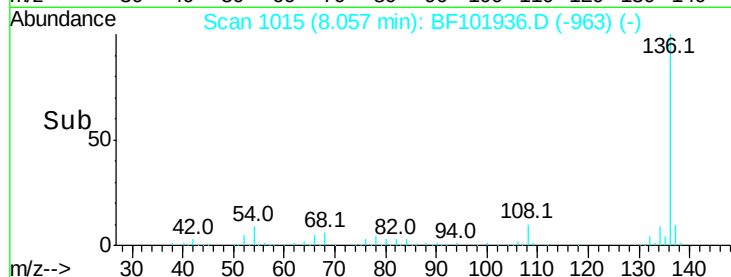
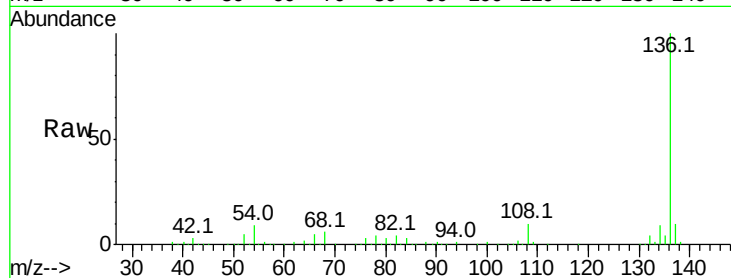




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF101936.D
Acq: 5 Jan 2018 18:09

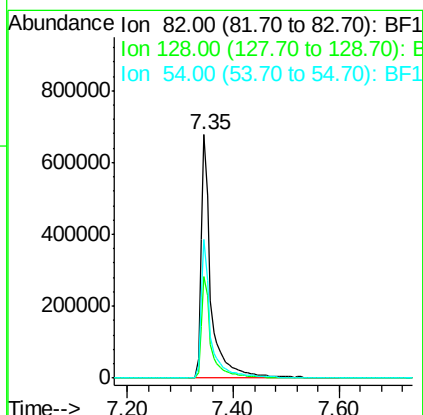
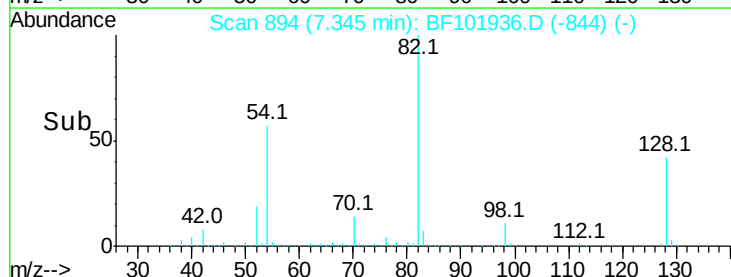
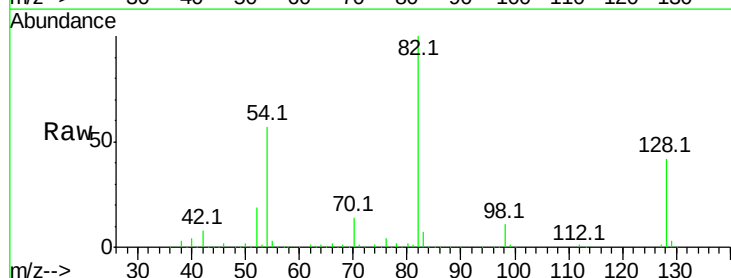
Instrument :
BNA_F
ClientSampled :

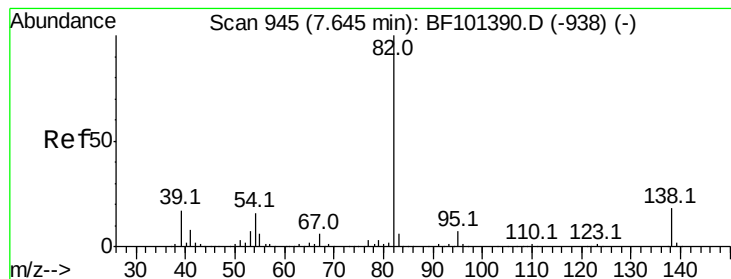
Tot Ion:	136	Resp:	504297
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.9	13.3
54	8.6	6.6	9.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 98.640 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF101936.D
Acq: 5 Jan 2018 18:09

Tgt Ion:	82	Resp:	893613
Ion	Ratio	Lower	Upper
82	100		
128	41.9	36.1	54.1
54	56.8	41.4	62.2





#25

Isophorone

Concen: 49.170 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.25 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

Instrument :

BNA_F

ClientSampleId :

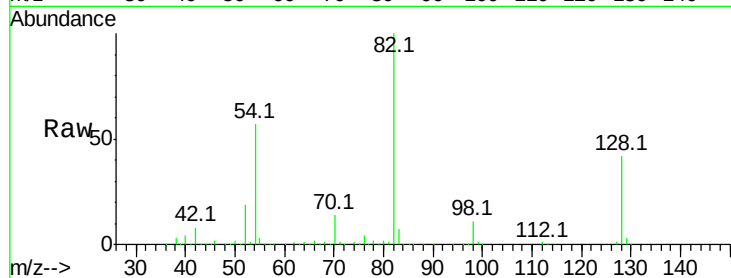
Tot Ion: 82 Resp: 893608

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

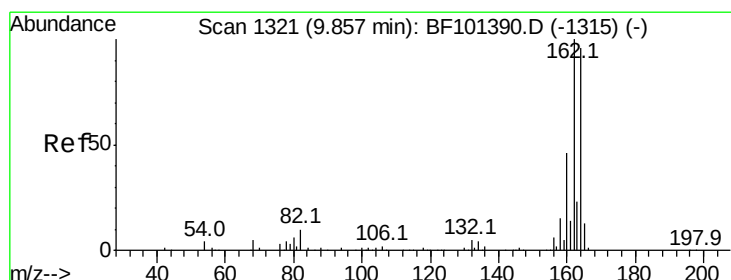
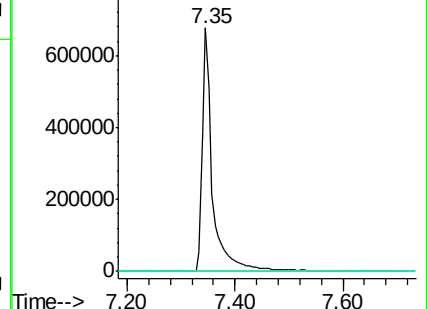
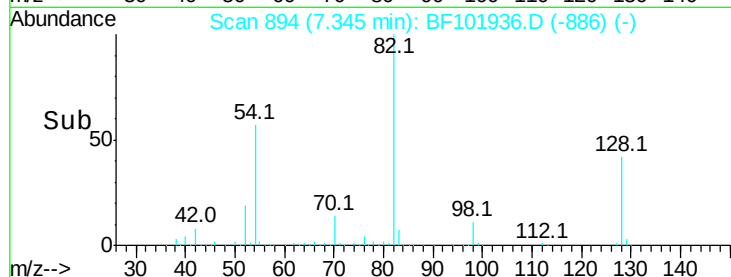
138 0.0 14.9 22.3#



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: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

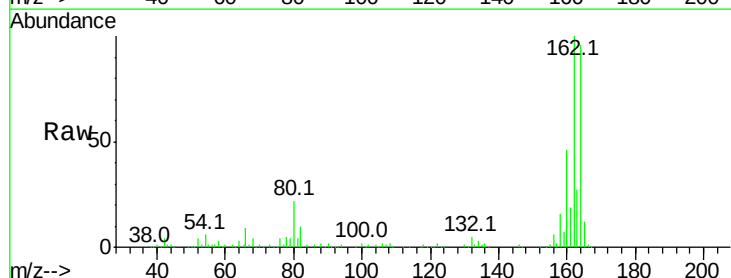
Tgt Ion:164 Resp: 194913

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

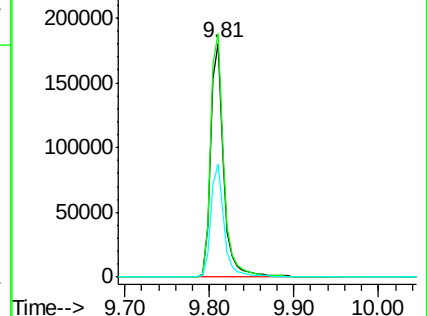
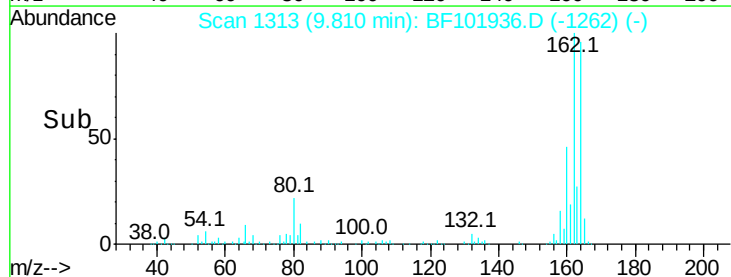
160 48.4 38.3 57.5

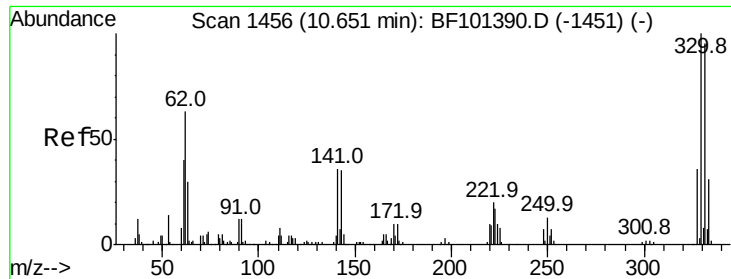


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

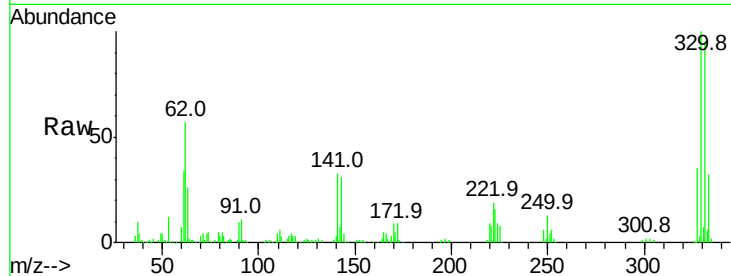




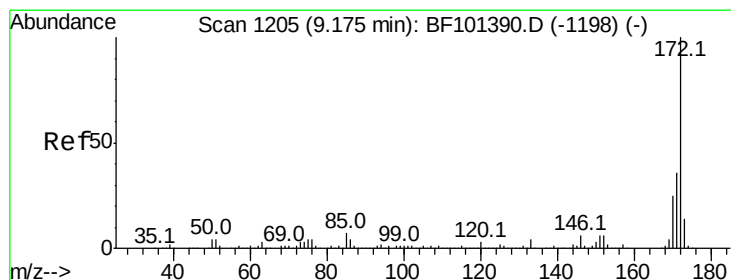
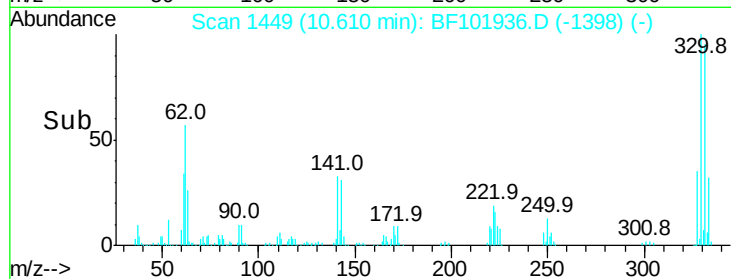
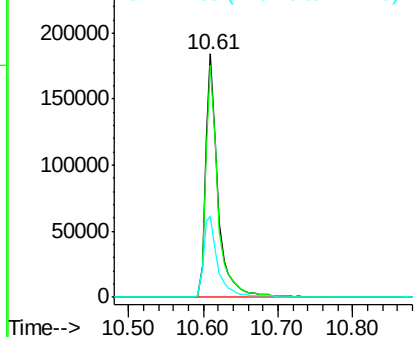
#41
 2,4,6-Tribromophenol
 Concen: 113.869 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BF101936.D
 Acq: 5 Jan 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 213861
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 39.1 29.9 44.9

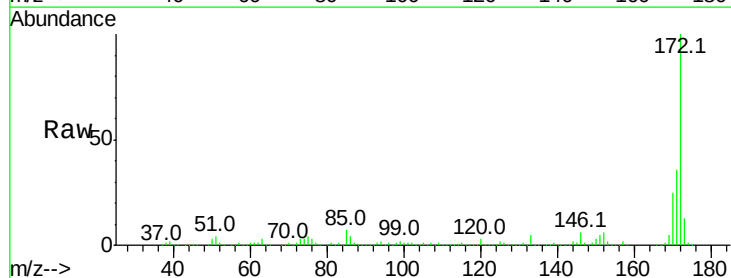


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

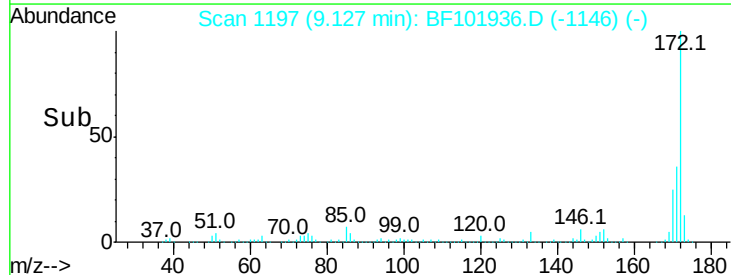
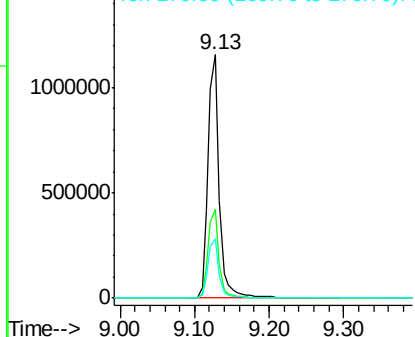


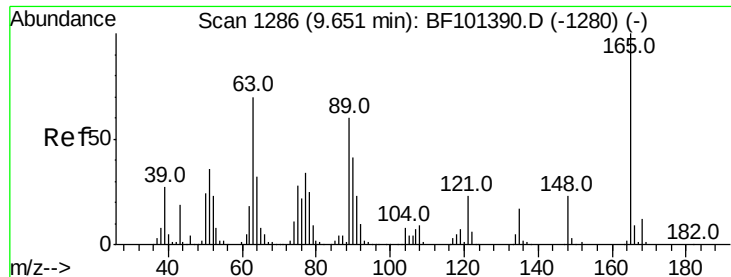
#44
 2-Fluorobiphenyl
 Concen: 96.987 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF101936.D
 Acq: 5 Jan 2018 18:09

Tgt Ion:172 Resp: 1218641
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.6 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

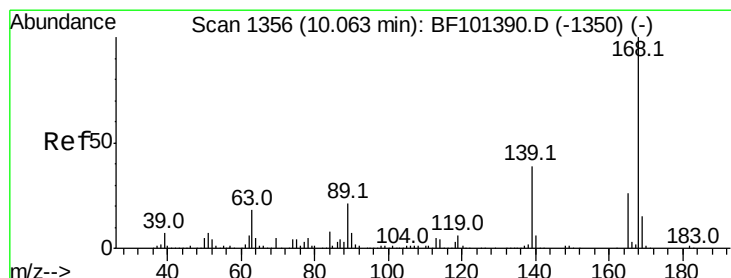
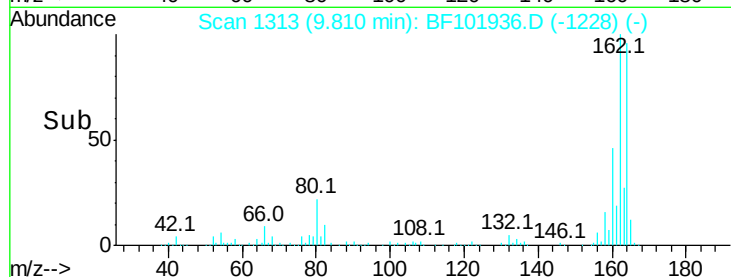
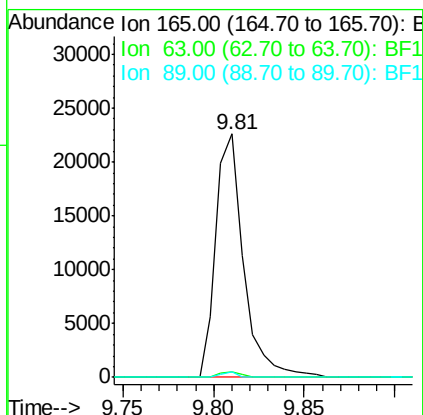
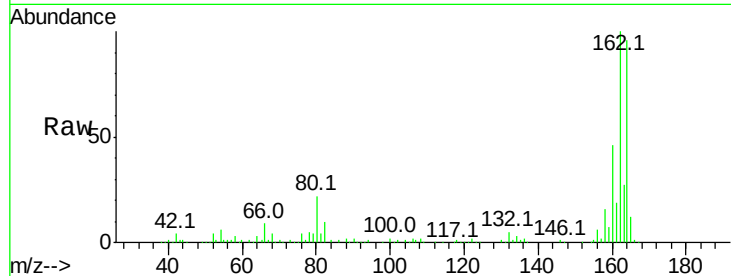




#50
 2,6-Dinitrotoluene
 Concen: 7.587 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.20 min
 Lab File: BF101936.D
 Acq: 5 Jan 2018 18:09

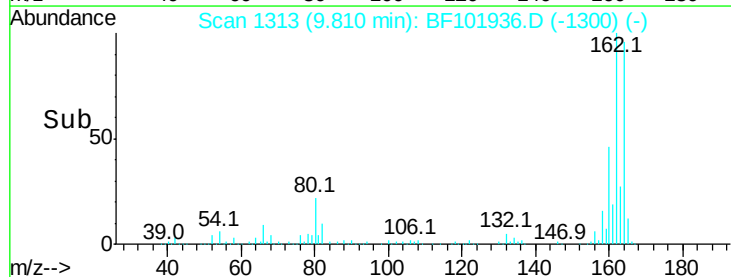
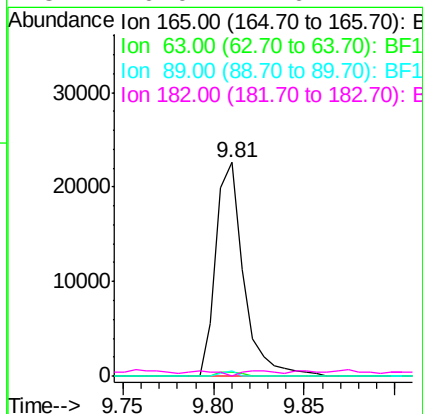
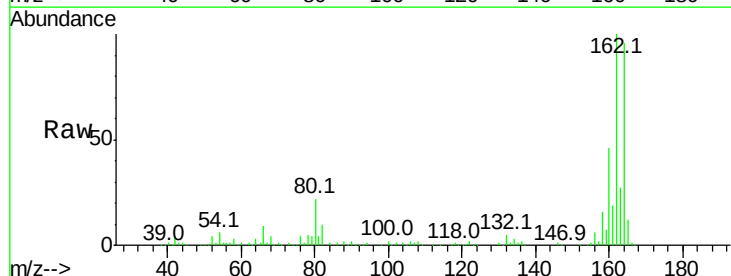
Instrument :
 BNA_F
 ClientSampleId :

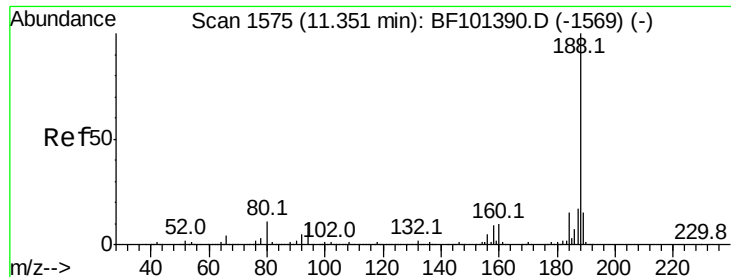
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	44.7	67.1#
89	2.2	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.734 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.22 min
 Lab File: BF101936.D
 Acq: 5 Jan 2018 18:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.4	54.6#
89	2.2	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

Instrument :

BNA_F

ClientSampleId :

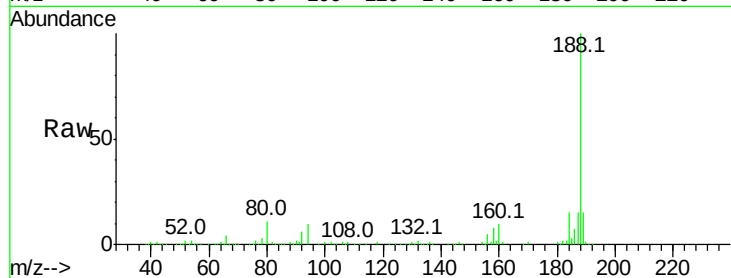
Tot Ion:188 Resp: 306064

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

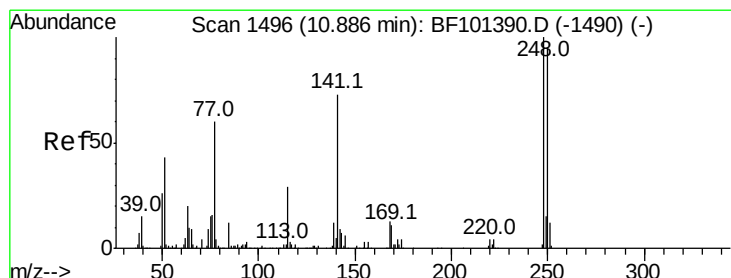
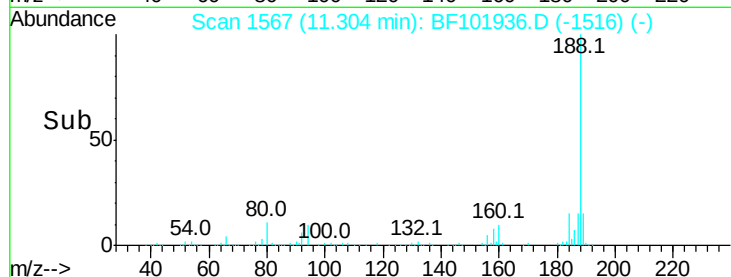
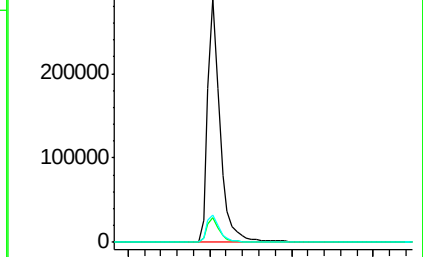
80 11.3 9.2 13.8



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: 4.065 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.22 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

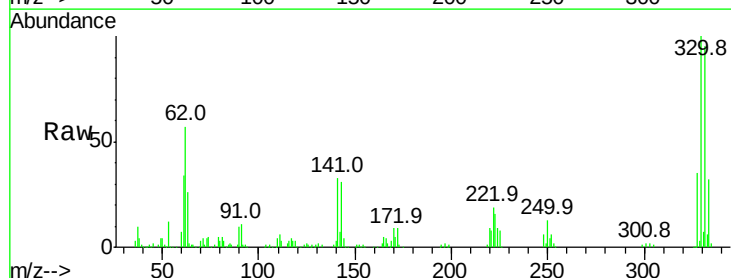
Tgt Ion:248 Resp: 13981

Ion Ratio Lower Upper

248 100

250 193.8 76.9 115.3#

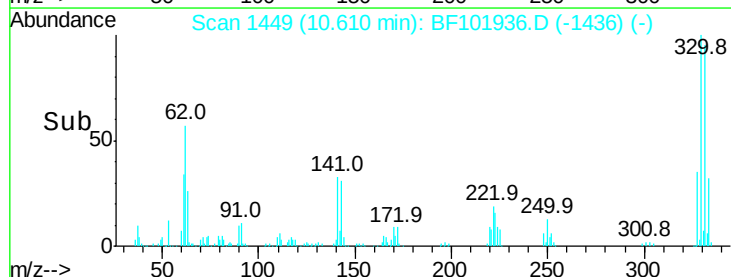
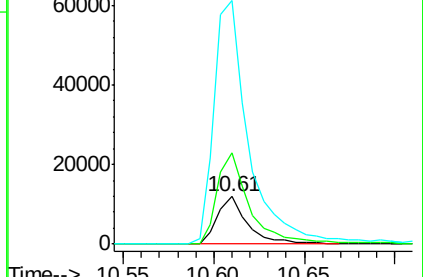
141 514.2 74.4 111.6#

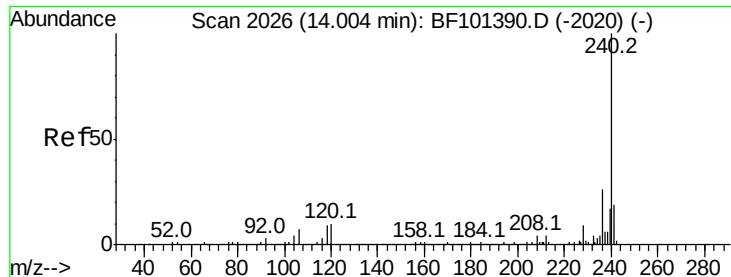


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

Instrument :

BNA_F

ClientSampled :

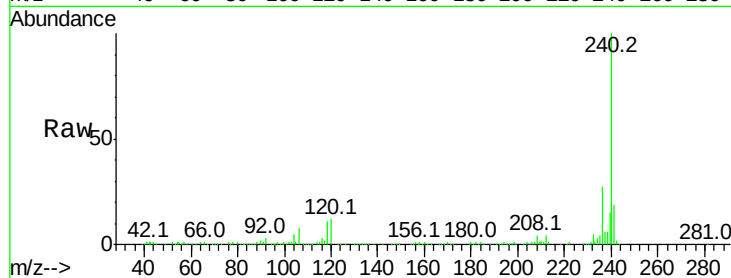
Tot Ion:240 Resp: 252556

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

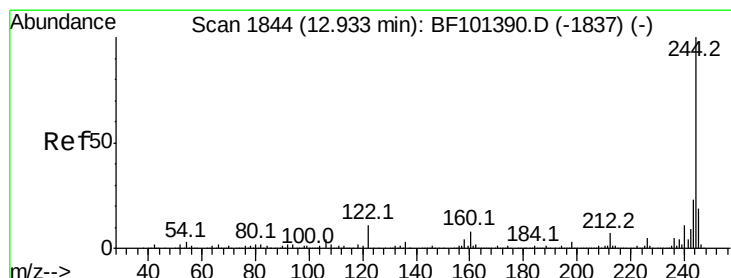
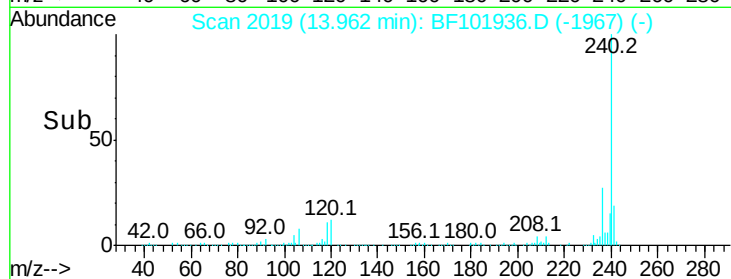
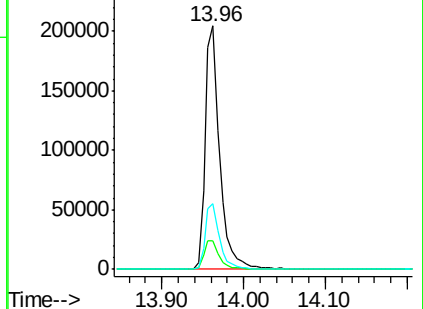
236 27.1 20.7 31.1



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: 89.590 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF101936.D

Acq: 5 Jan 2018 18:09

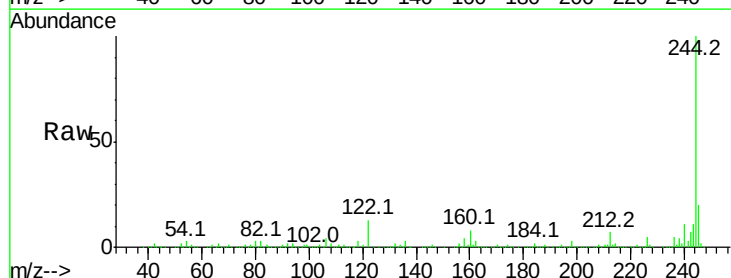
Tgt Ion:244 Resp: 938560

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

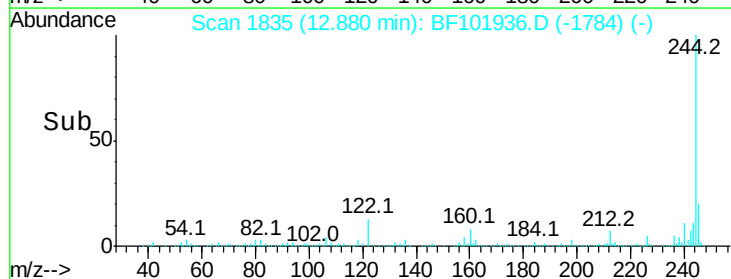
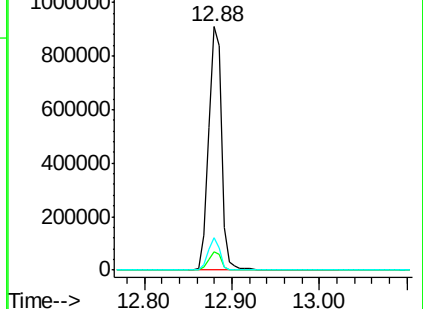
122 13.1 11.0 16.4

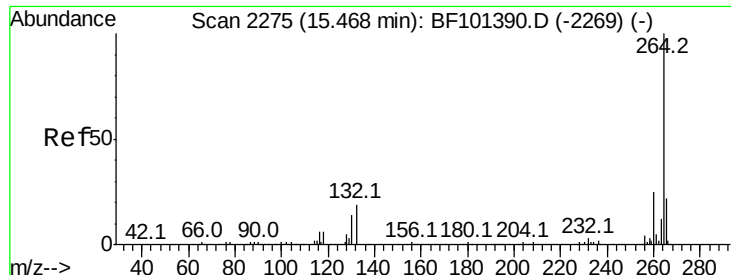


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

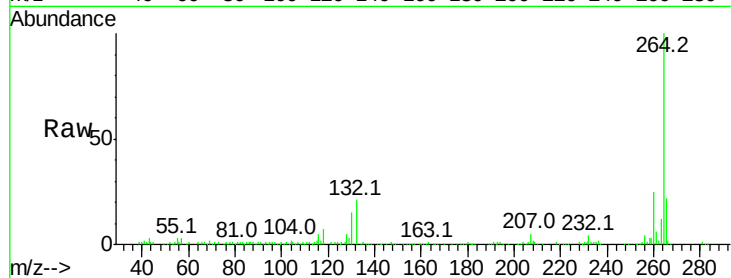




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF101936.D
Acq: 5 Jan 2018 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	21.8	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

