

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101942.D
 Acq On : 5 Jan 2018 20:49
 Operator : SJ/JU
 Sample : J1016-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 21:41:02 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

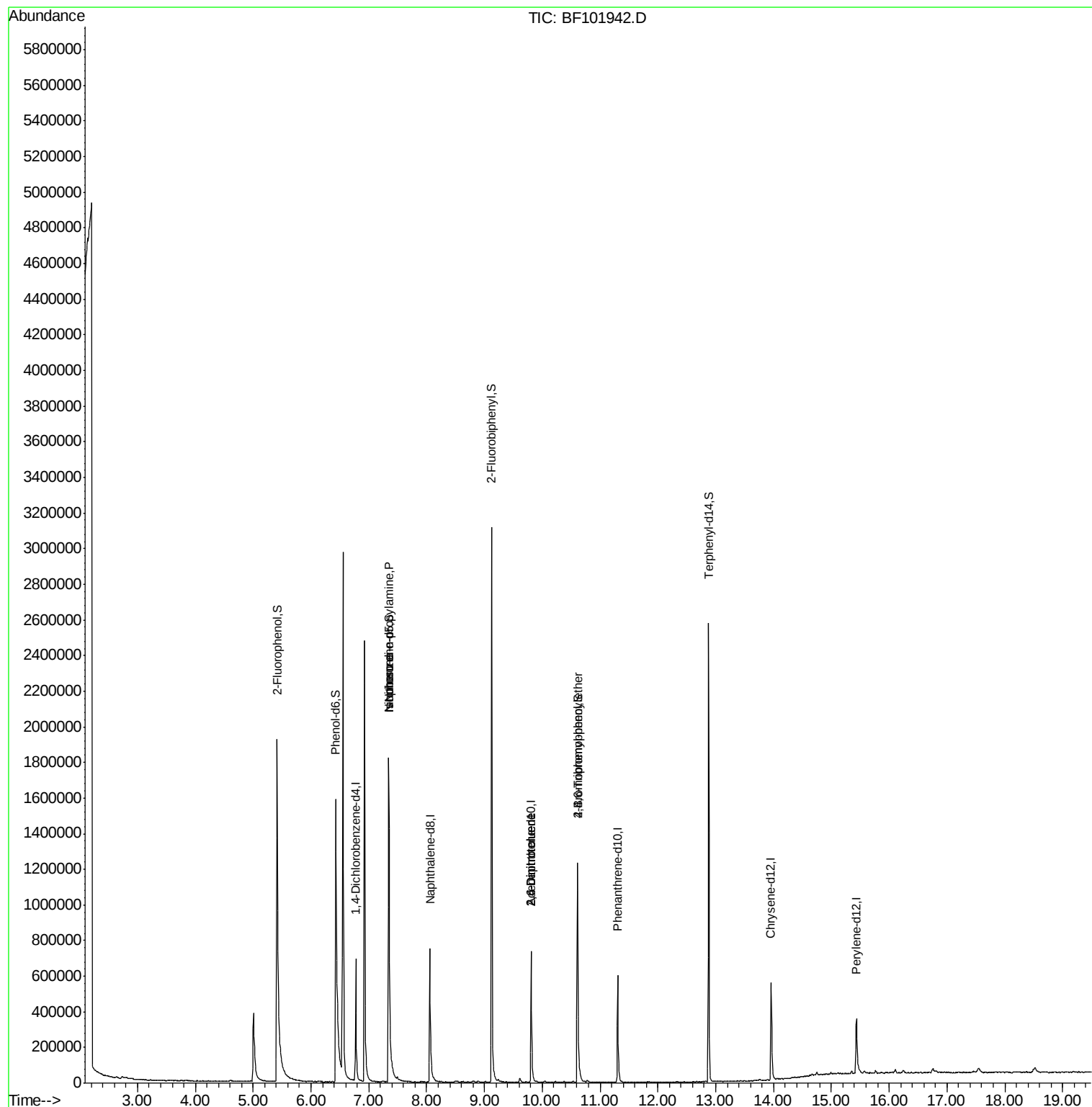
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	124677	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	470178	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	169068	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	262994	20.00	ng	0.00
75) Chrysene-d12	13.96	240	247359	20.00	ng	0.00
86) Perylene-d12	15.43	264	210024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1044891	124.84	ng	0.01
7) Phenol-d6	6.43	99	1108819	106.45	ng	0.00
23) Nitrobenzene-d5	7.35	82	867451	102.70	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	183431	112.60	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	1159220	106.36	ng	0.00
78) Terphenyl-d14	12.88	244	894658	87.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	113721	16.624	ng	# 84
25) Isophorone	7.35	82	867451	51.195	ng	# 64
50) 2,6-Dinitrotoluene	9.81	165	21620	7.822	ng	# 26
56) 2,4-Dinitrotoluene	9.81	165	21620	6.943	ng	# 24
66) 4-Bromophenyl-phenylether	10.61	248	12243	4.143	ng	# 1

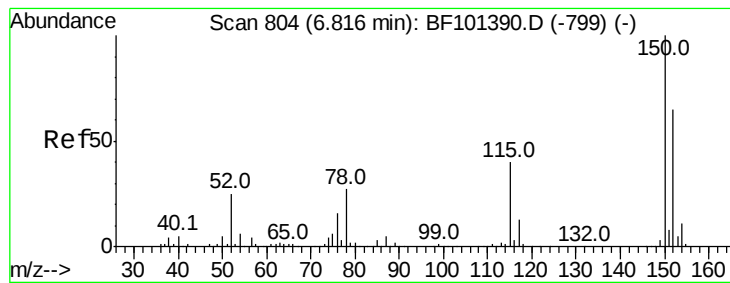
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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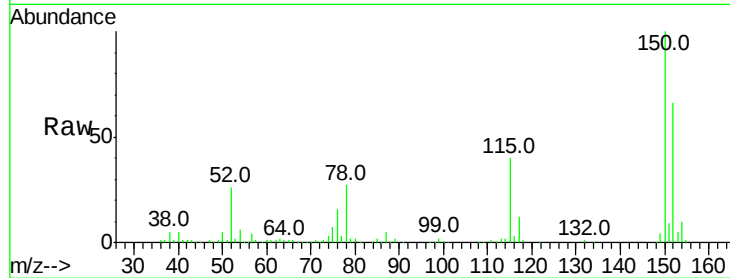


#1

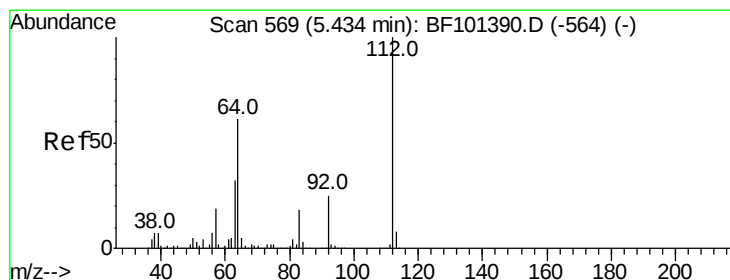
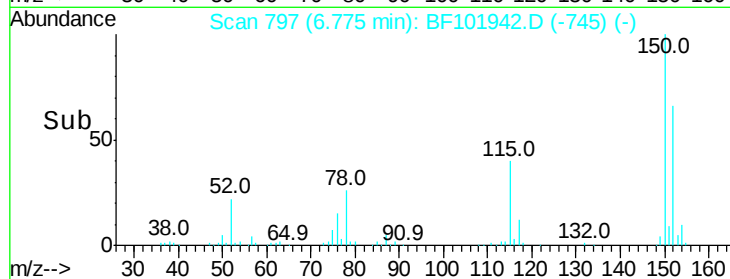
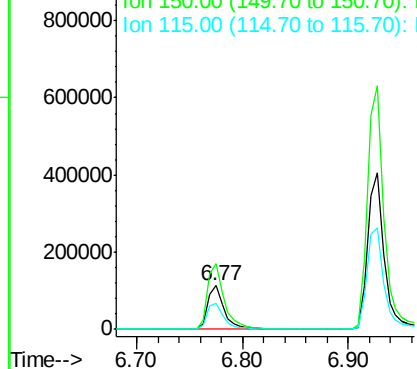
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.01 min
Lab File: BF101942.D
Acq: 5 Jan 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 124677
Ion Ratio Lower Upper
152 100
150 152.1 124.6 186.8
115 60.6 50.1 75.1



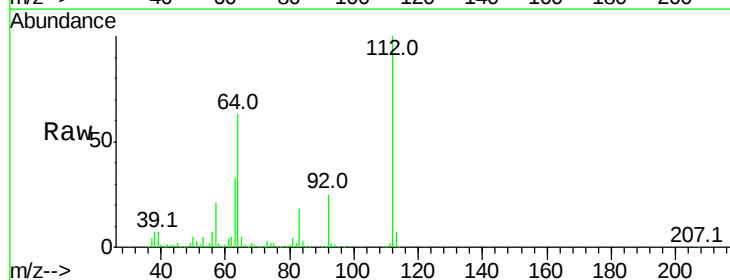
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



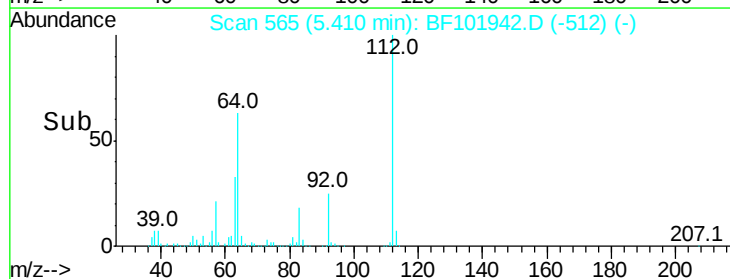
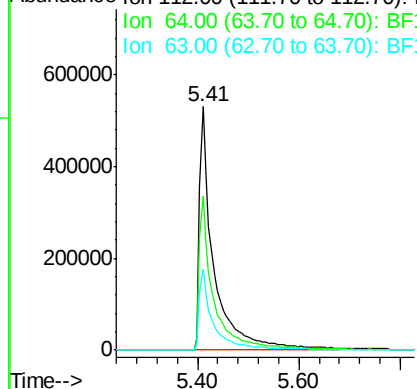
#5

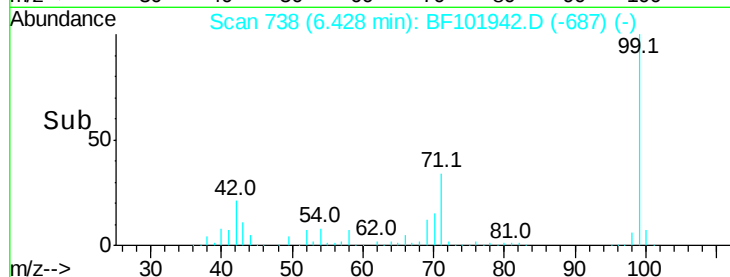
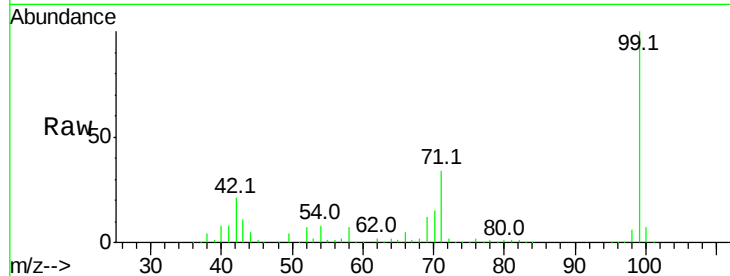
2-Fluorophenol
Concen: 124.838 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101942.D
Acq: 5 Jan 2018 20:49

Tgt Ion:112 Resp: 1044891
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 33.5 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: 106.446 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF101942.D

Acq: 5 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

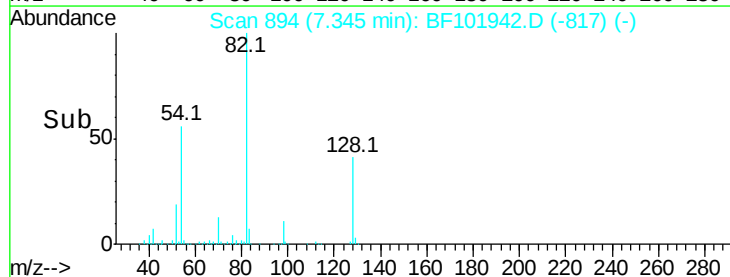
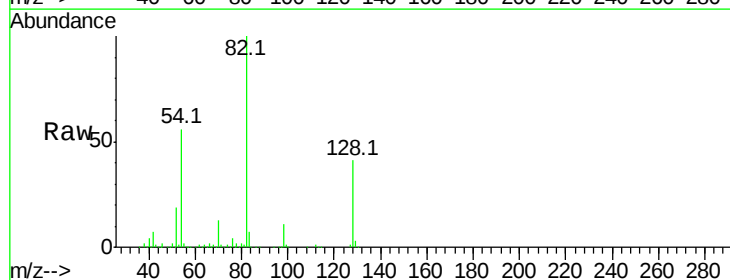
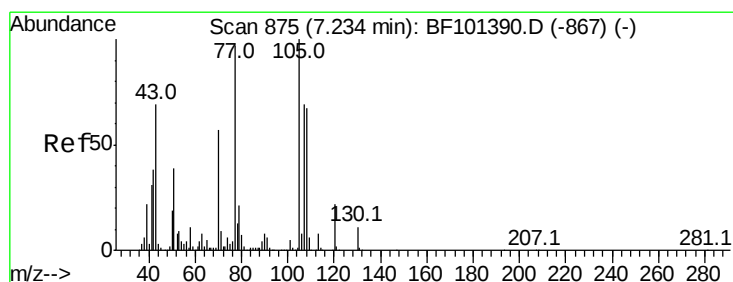
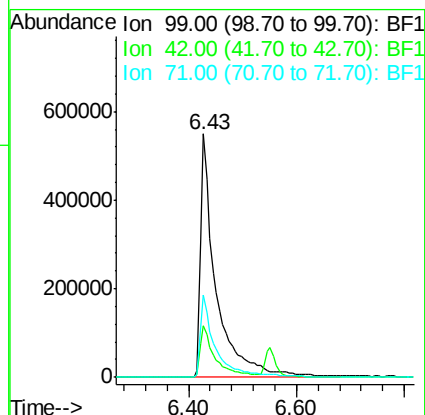
Tot Ion: 99 Resp: 1108819

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 33.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.624 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.15 min

Lab File: BF101942.D

Acq: 5 Jan 2018 20:49

Tgt Ion: 70 Resp: 113721

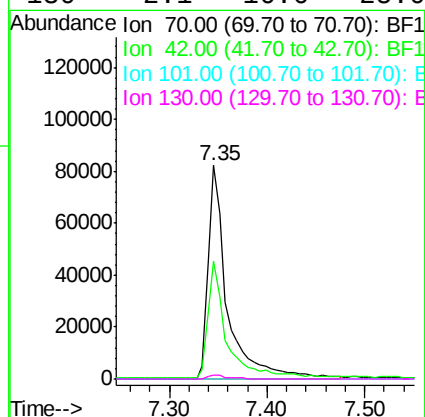
Ion Ratio Lower Upper

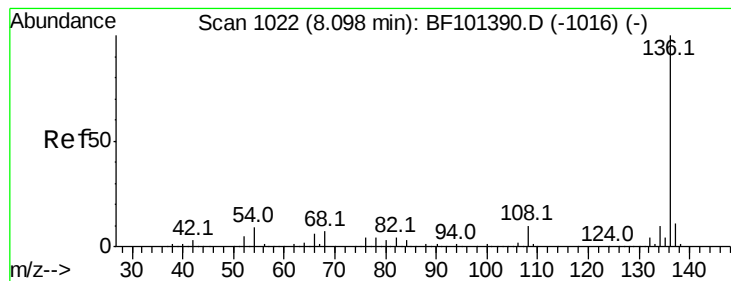
70 100

42 54.9 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: 8.06 min Scan# 1015

Delta R.T. 0.01 min

Lab File: BF101942.D

Acq: 5 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470178

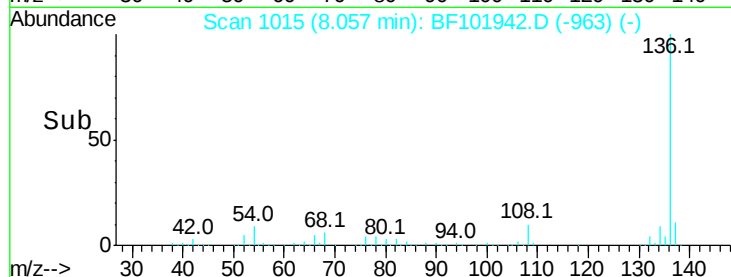
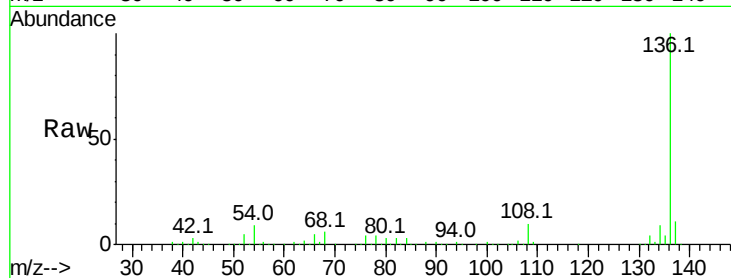
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.7 6.6 9.8

68 6.2 5.0 7.4

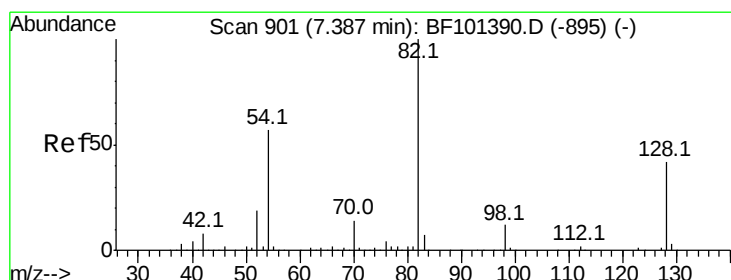
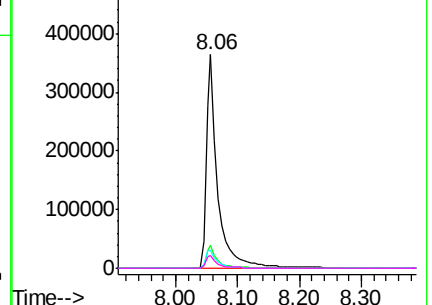


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 102.700 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF101942.D

Acq: 5 Jan 2018 20:49

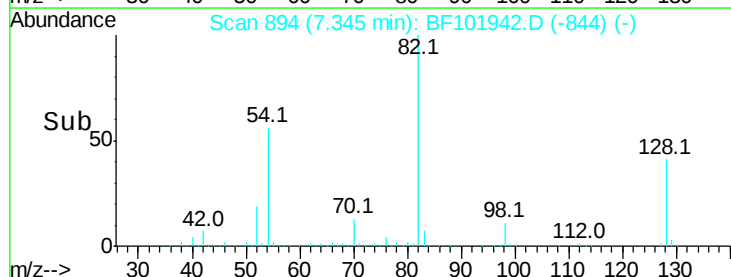
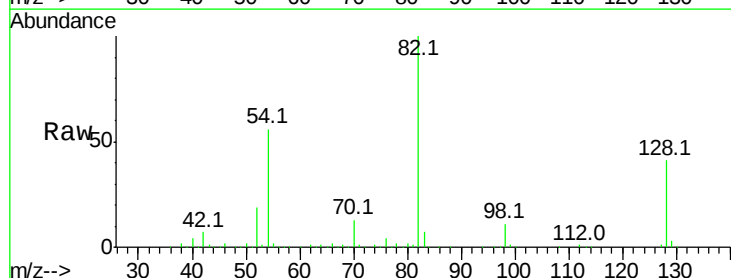
Tgt Ion: 82 Resp: 867451

Ion Ratio Lower Upper

82 100

128 41.0 36.1 54.1

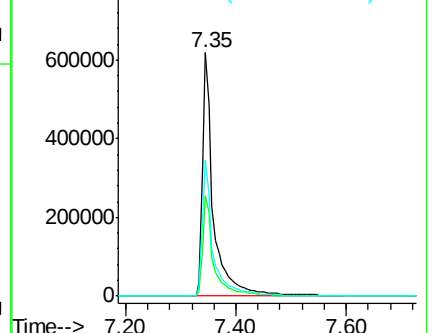
54 56.1 41.4 62.2

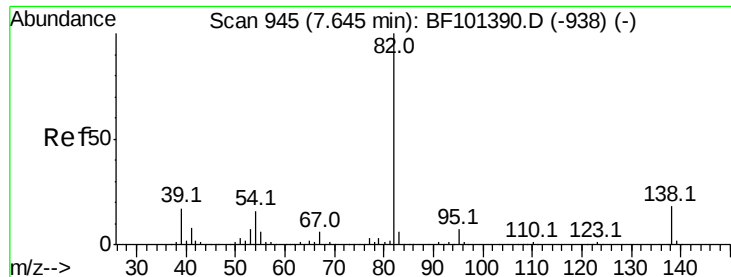


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 51.195 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.25 min

Lab File: BF101942.D

Acq: 5 Jan 2018 20:49

Instrument :

BNA_F

ClientSampleId :

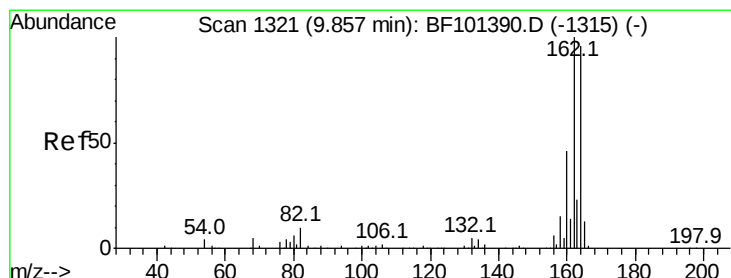
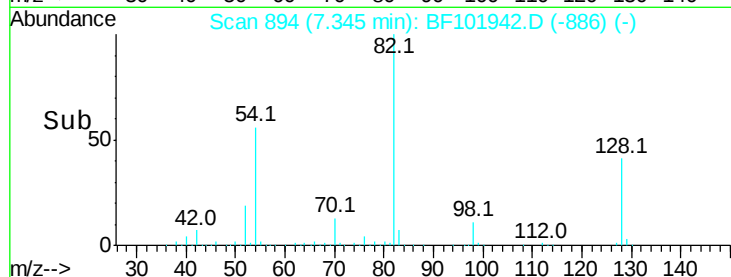
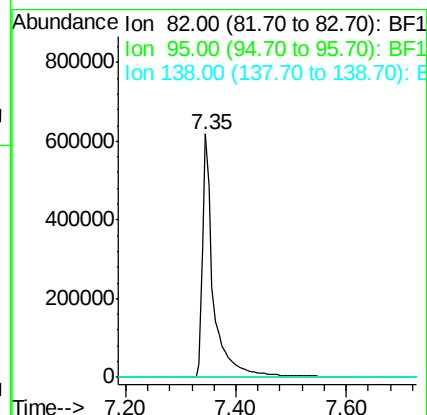
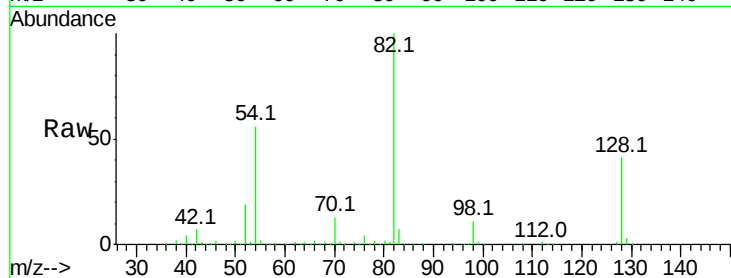
Tot Ion: 82 Resp: 867451

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: 9.81 min Scan# 1313

Delta R.T. 0.00 min

Lab File: BF101942.D

Acq: 5 Jan 2018 20:49

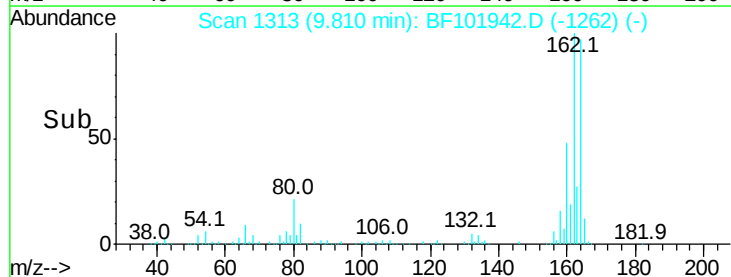
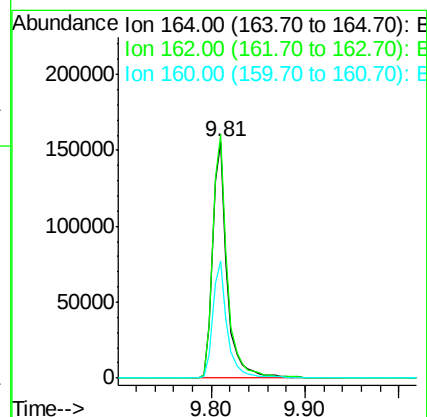
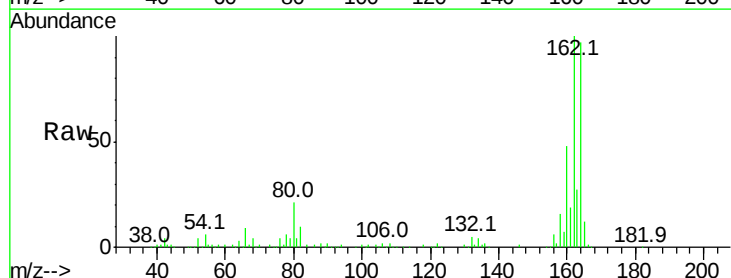
Tgt Ion:164 Resp: 169068

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

160 49.2 38.3 57.5

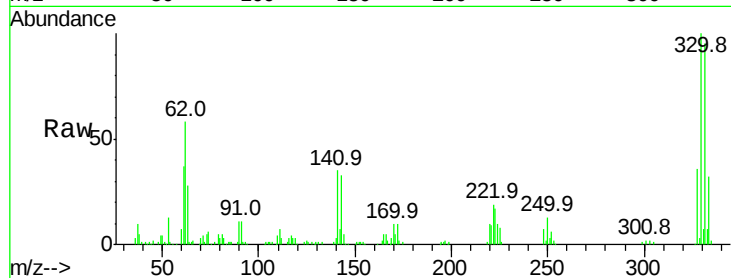




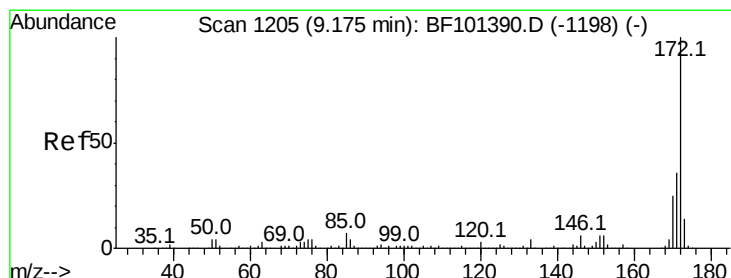
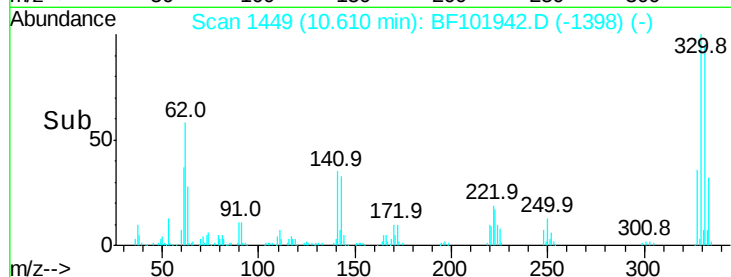
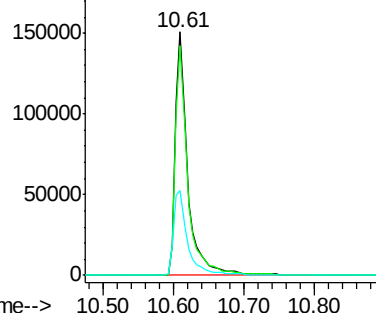
#41
 2,4,6-Tribromophenol
 Concen: 112.596 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF101942.D
 Acq: 5 Jan 2018 20:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	40.0	29.9	44.9

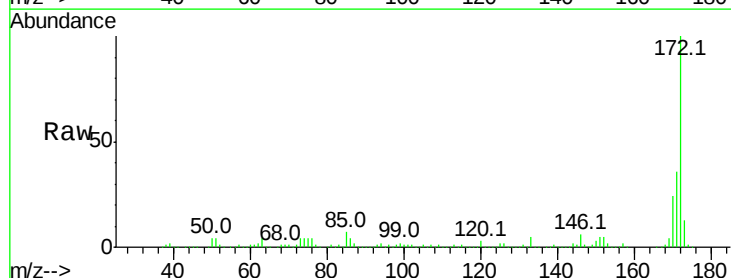


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

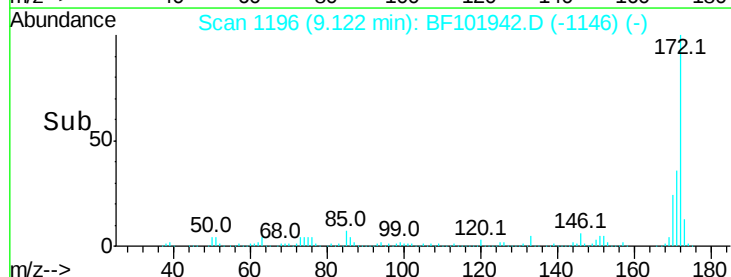
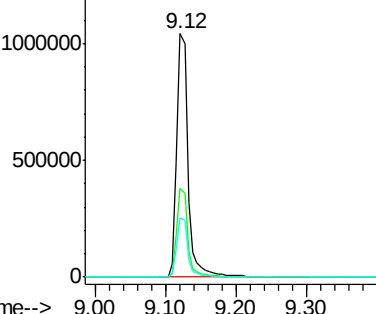


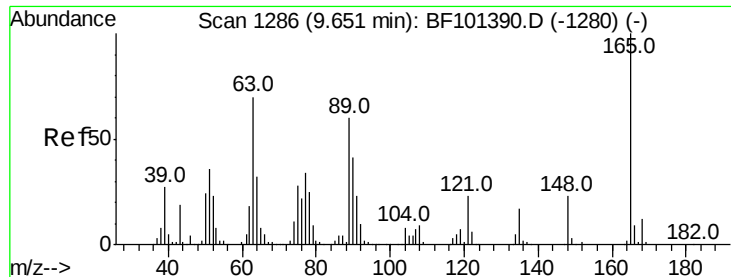
#44
 2-Fluorobiphenyl
 Concen: 106.361 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF101942.D
 Acq: 5 Jan 2018 20:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	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

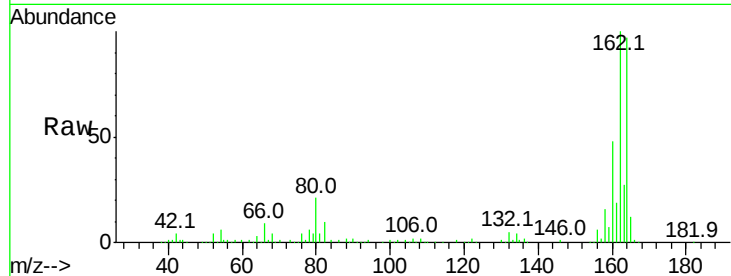




#50
 2,6-Dinitrotoluene
 Concen: 7.822 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.20 min
 Lab File: BF101942.D
 Acq: 5 Jan 2018 20:49

Instrument :
 BNA_F
 ClientSampled :

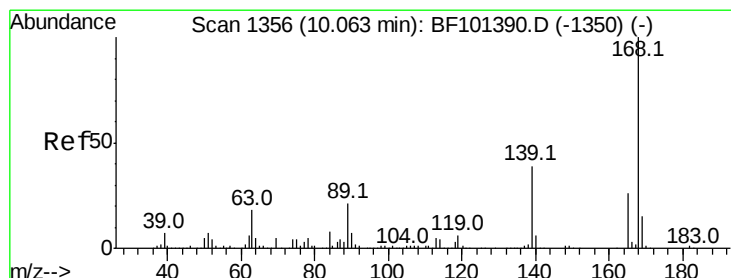
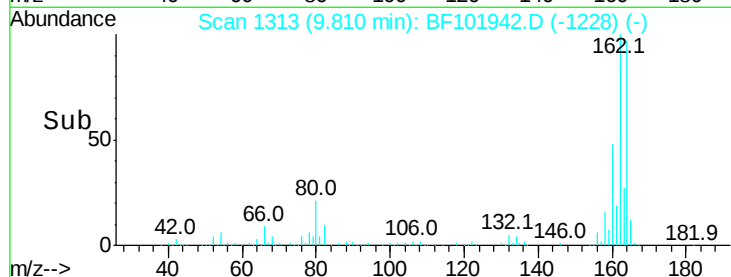
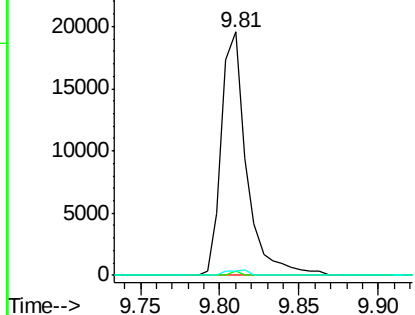
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.9	44.0	66.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.943 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.22 min
 Lab File: BF101942.D
 Acq: 5 Jan 2018 20:49

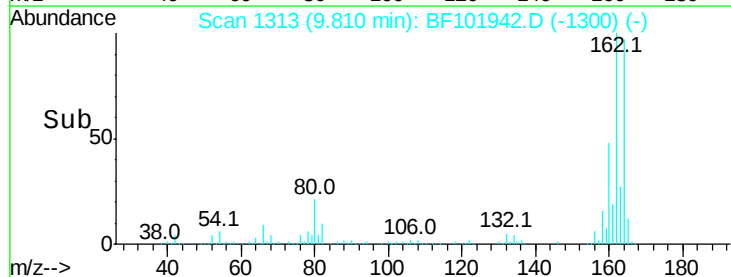
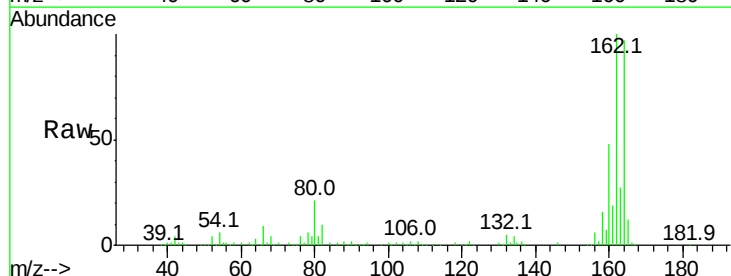
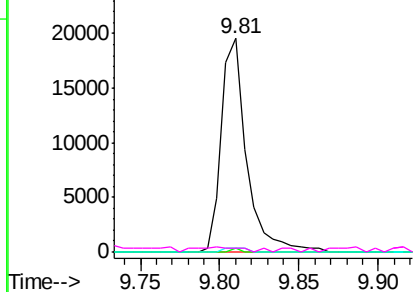
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.9	57.8	86.6#
182	1.6	1.6	2.4#

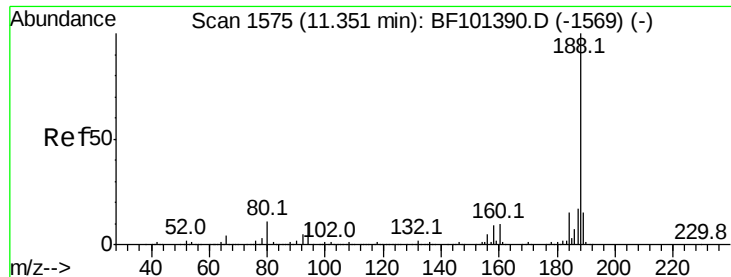
Abundance Ion 165.00 (164.70 to 165.70): E

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

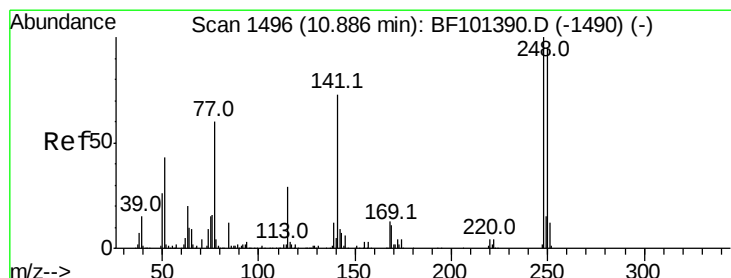
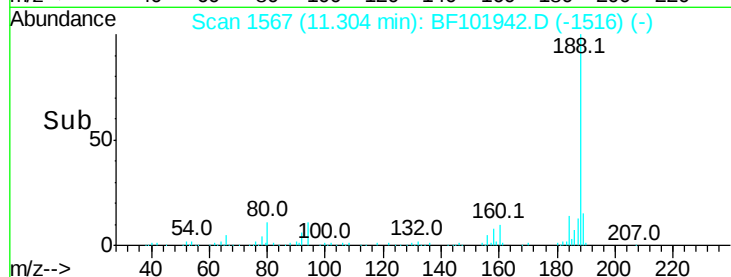
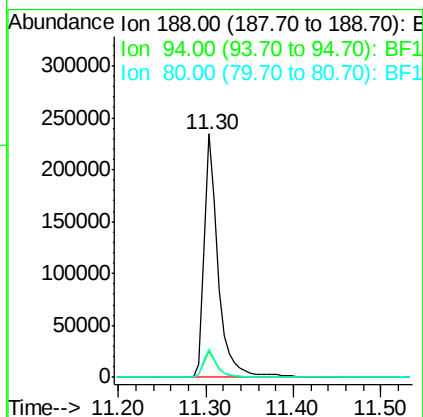
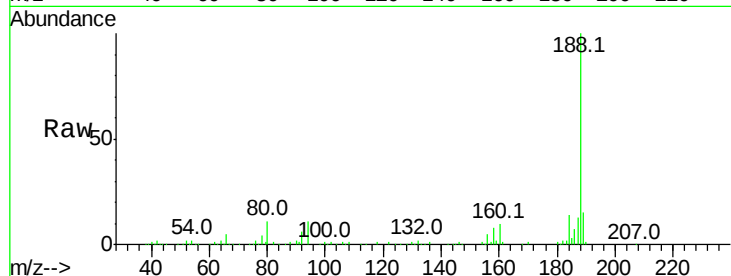




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.00 min
Lab File: BF101942.D
Acq: 5 Jan 2018 20:49

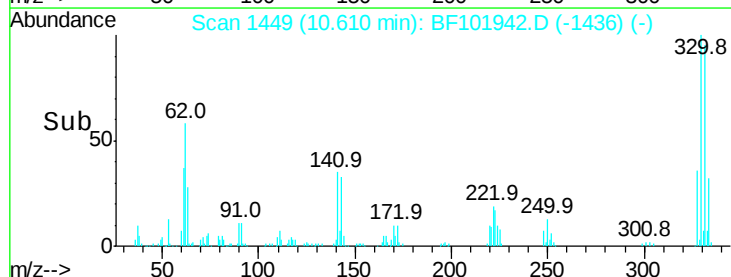
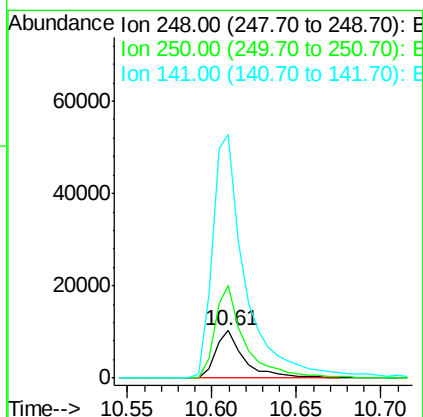
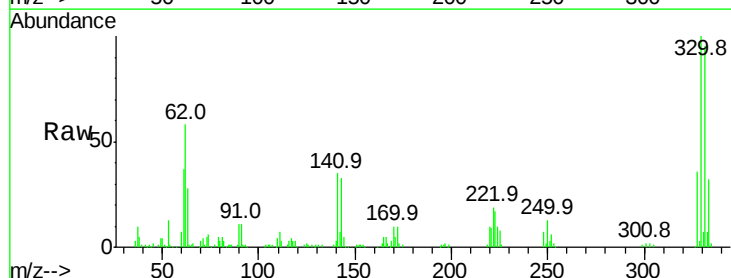
Instrument :
BNA_F
ClientSampleId :

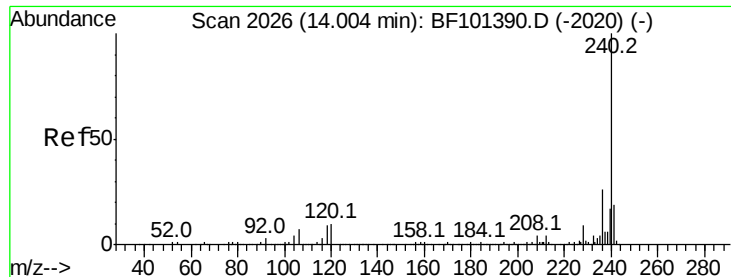
Tot Ion:188 Resp: 262994
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.5 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 4.143 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.22 min
Lab File: BF101942.D
Acq: 5 Jan 2018 20:49

Tgt Ion:248 Resp: 12243
Ion Ratio Lower Upper
248 100
250 193.8 76.9 115.3#
141 511.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF101942.D

Acq: 5 Jan 2018 20:49

Instrument :

BNA_F

ClientSampled :

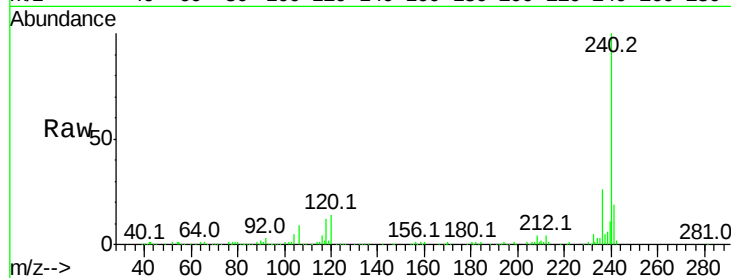
Tot Ion:240 Resp: 247359

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

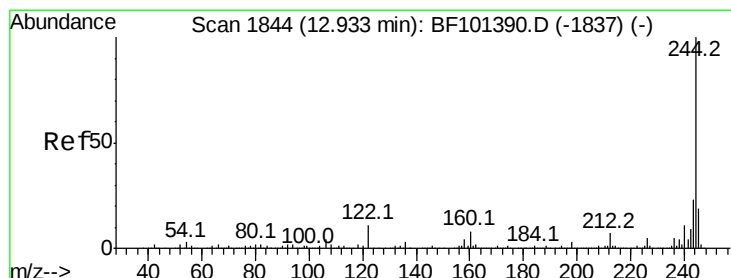
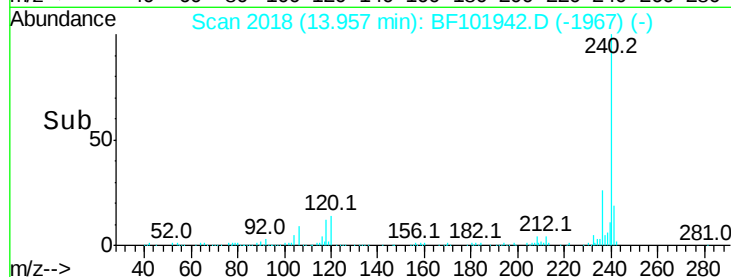
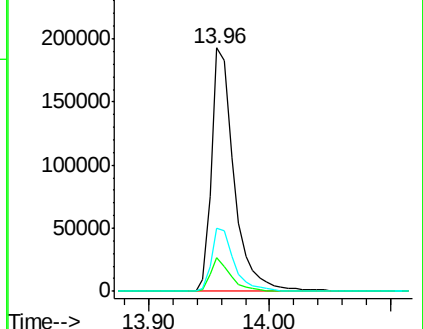
236 25.9 20.7 31.1



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: 87.194 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BF101942.D

Acq: 5 Jan 2018 20:49

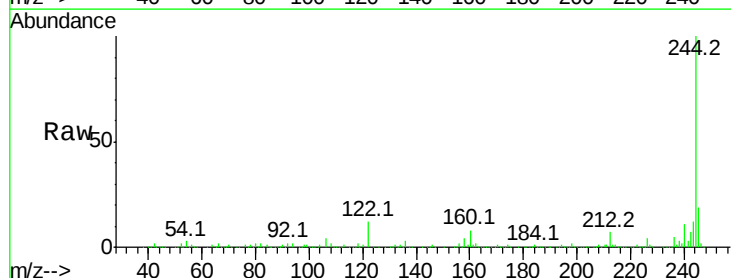
Tgt Ion:244 Resp: 894658

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

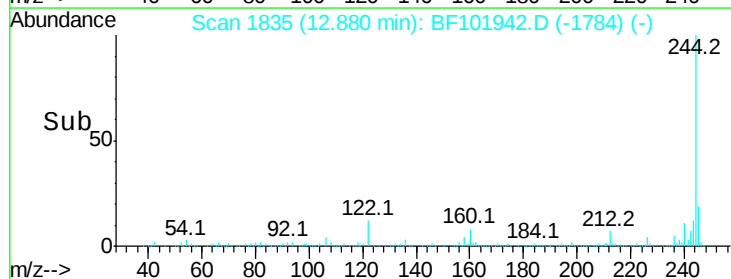
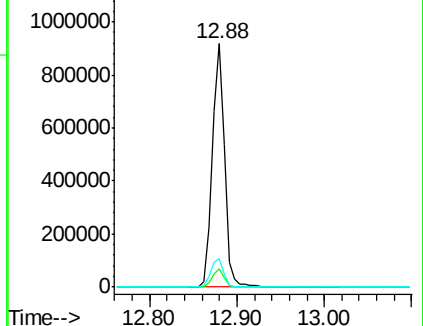
122 12.0 11.0 16.4

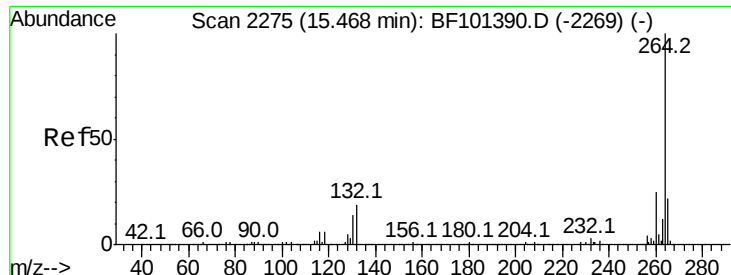


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

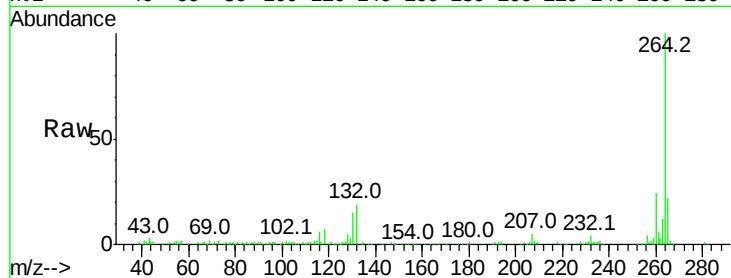




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF101942.D
Acq: 5 Jan 2018 20:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 210024
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 22.0 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

