

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101882.D
 Acq On : 4 Jan 2018 3:06
 Operator : SJ/JU
 Sample : J1004-16 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 04:35:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

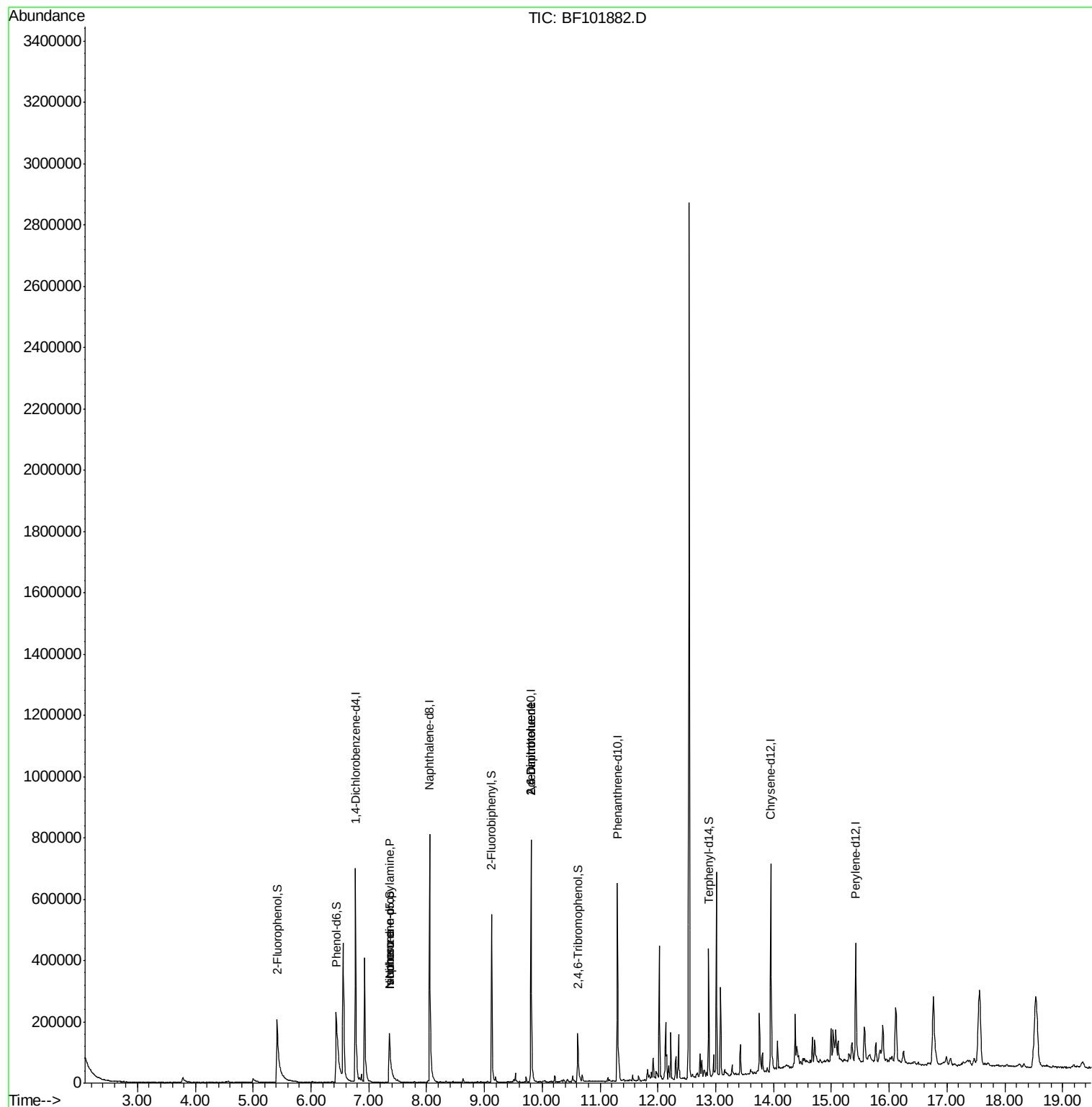
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	125864	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	467263	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	172732	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	278621	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	261113	20.00	ng	-0.02
86) Perylene-d12	15.42	264	201834	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	181081	21.43	ng	0.00
7) Phenol-d6	6.43	99	237995	22.63	ng	0.00
23) Nitrobenzene-d5	7.36	82	132992	15.84	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	28565	17.16	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	202650	18.20	ng	-0.02
78) Terphenyl-d14	12.87	244	145256	13.41	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	16495	2.388	ng	# 83
25) Isophorone	7.36	82	132992	7.898	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	21559	7.635	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	21559	6.776	ng	# 23

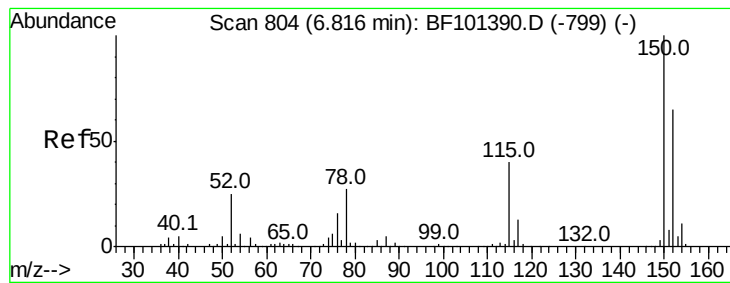
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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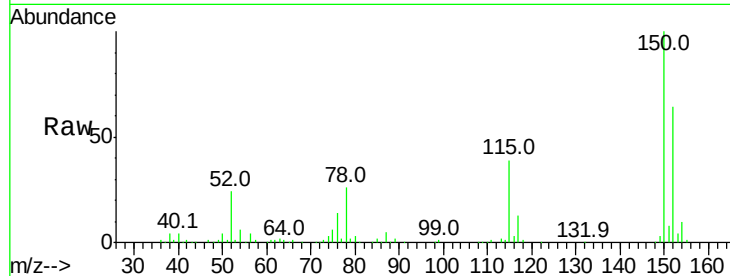


#1

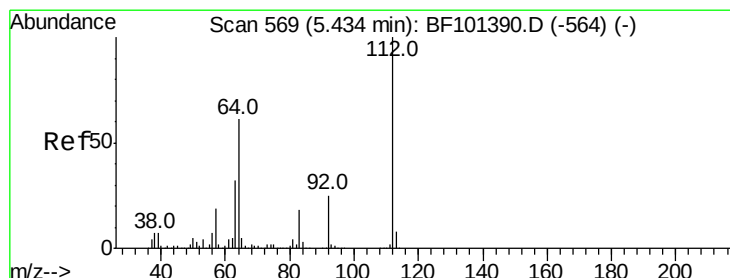
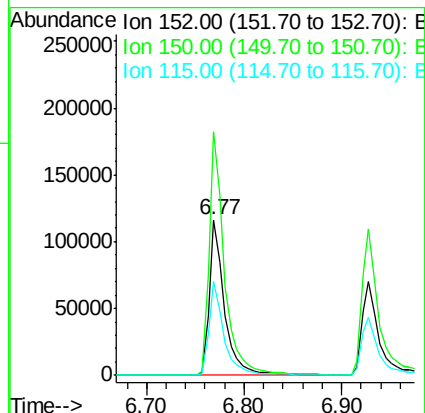
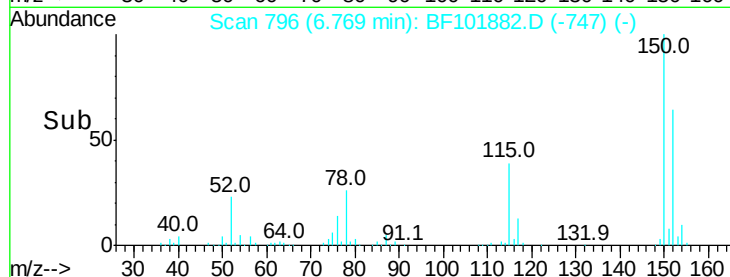
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 125864
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.6 50.1 75.1



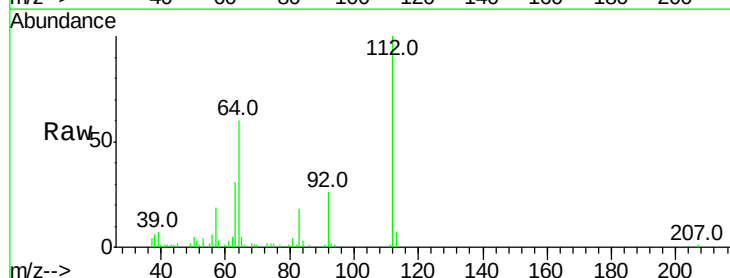
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



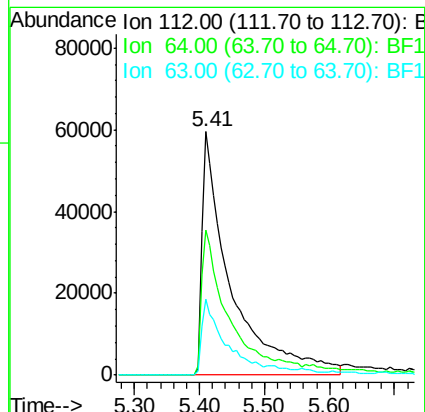
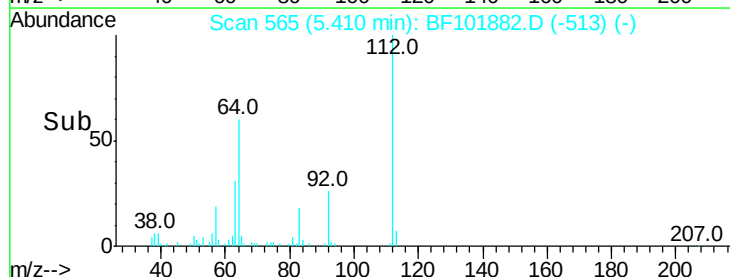
#5

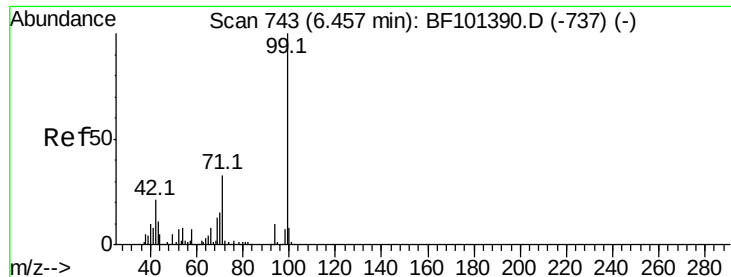
2-Fluorophenol
Concen: 21.431 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Tgt Ion:112 Resp: 181081
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 31.4 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: 22.632 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF101882.D

Acq: 4 Jan 2018 3:06

Instrument :

BNA_F

ClientSampled :

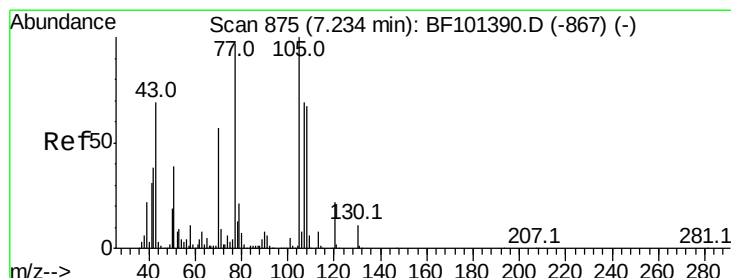
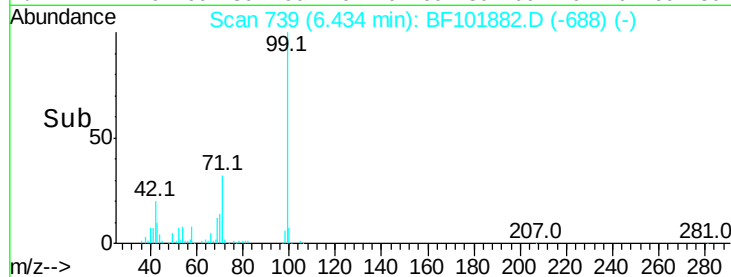
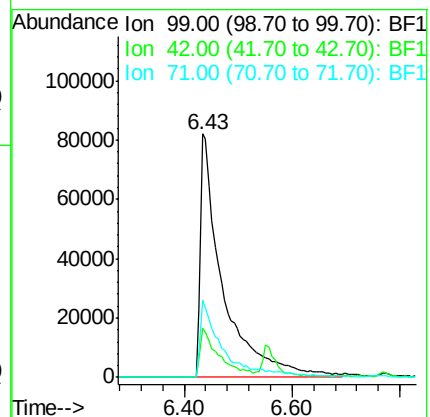
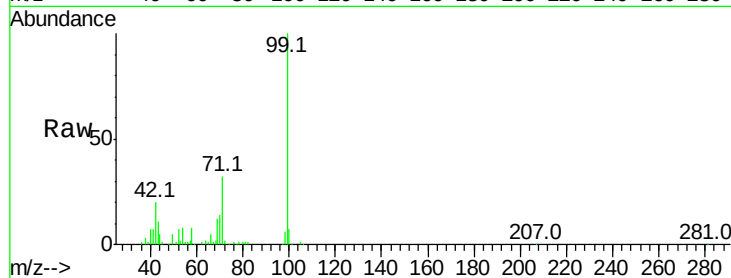
Tot Ion: 99 Resp: 237995

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.388 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101882.D

Acq: 4 Jan 2018 3:06

Tgt Ion: 70 Resp: 16495

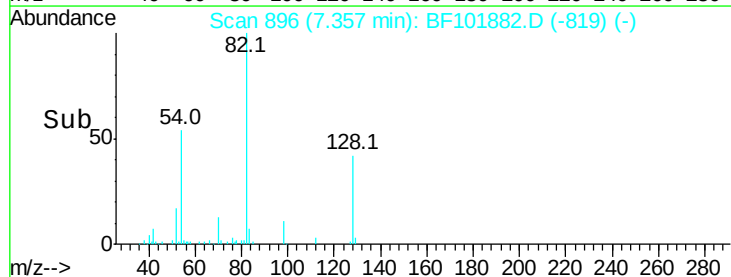
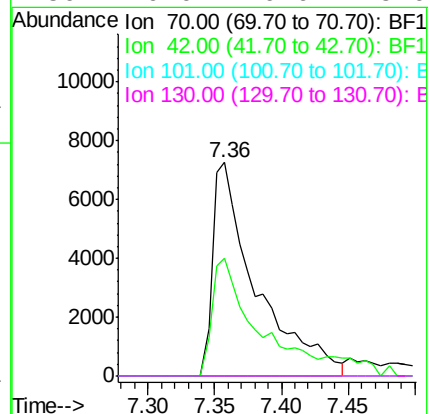
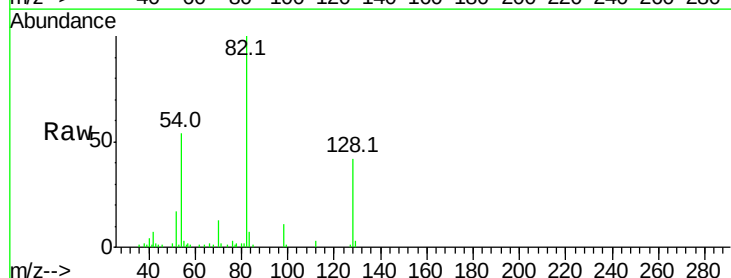
Ion Ratio Lower Upper

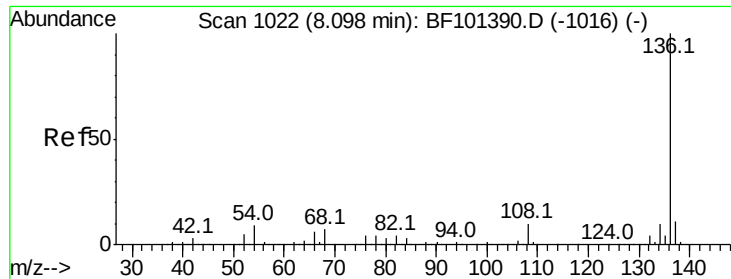
70 100

42 55.1 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

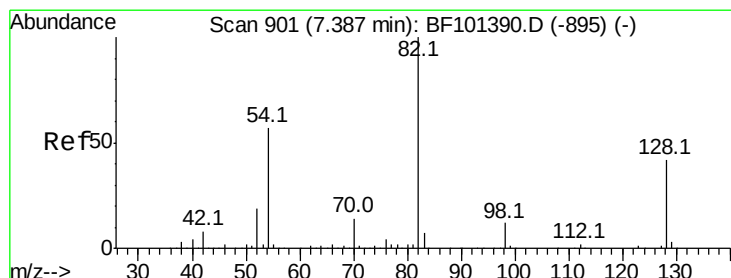
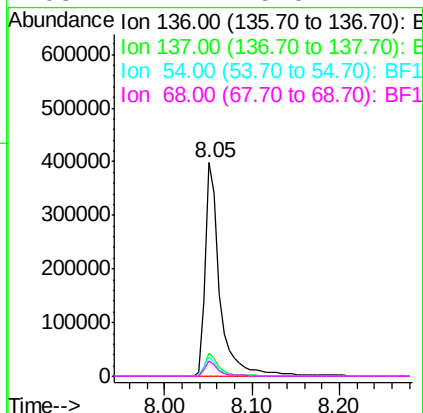
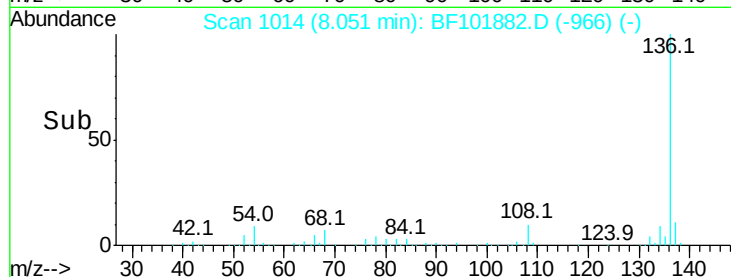
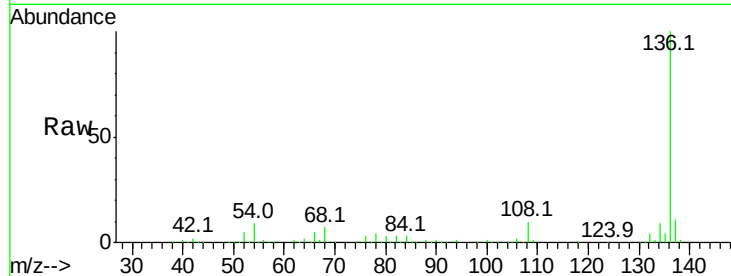




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

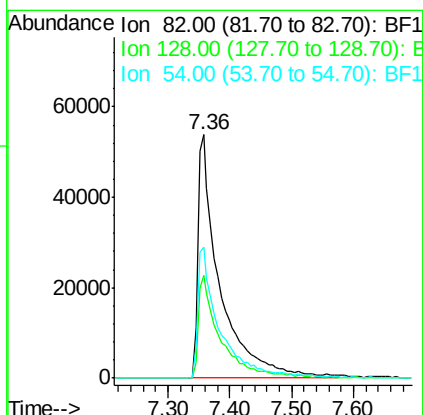
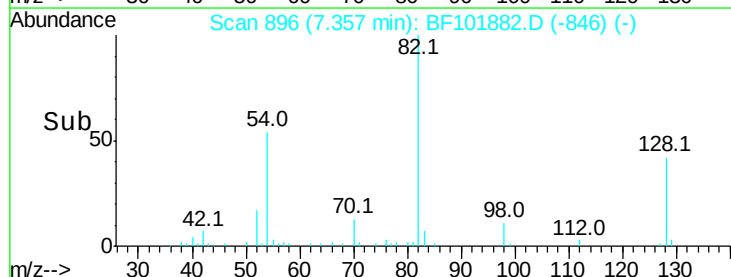
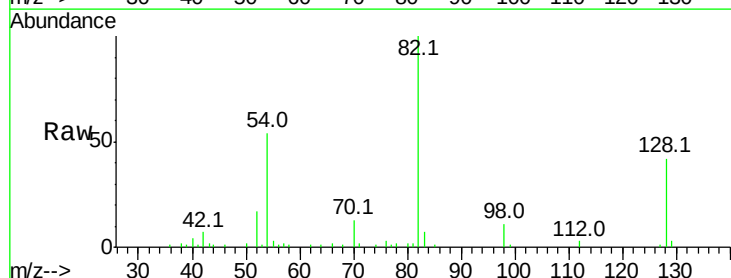
Instrument :
BNA_F
ClientSampleId :

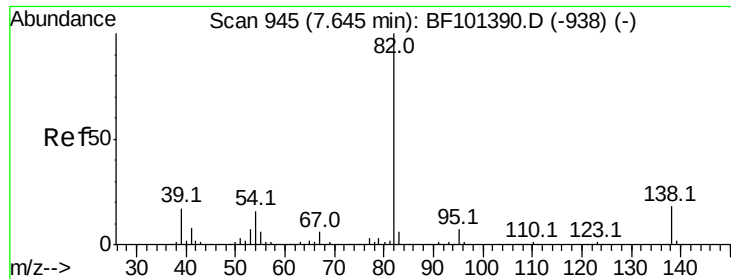
Tot Ion:	136	Resp:	467263
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.0	6.6	9.8
68	7.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 15.844 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Tgt Ion:	82	Resp:	132992
Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	53.7	41.4	62.2





#25

Isophorone

Concen: 7.898 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.25 min

Lab File: BF101882.D

Acq: 4 Jan 2018 3:06

Instrument :

BNA_F

ClientSampleId :

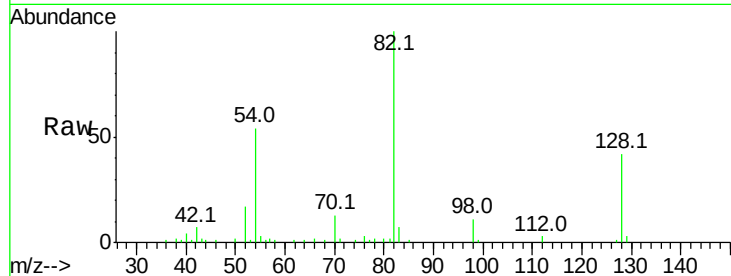
Tot Ion: 82 Resp: 132992

Ion Ratio Lower Upper

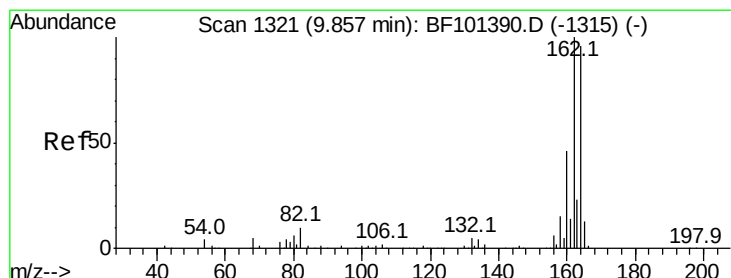
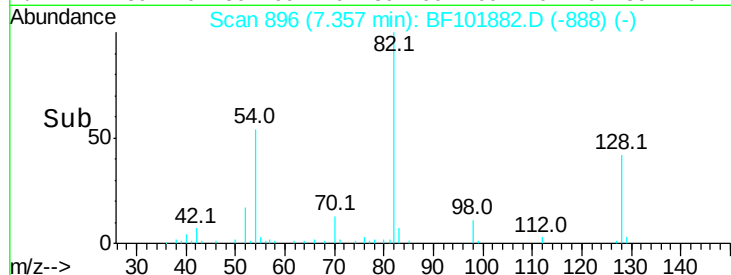
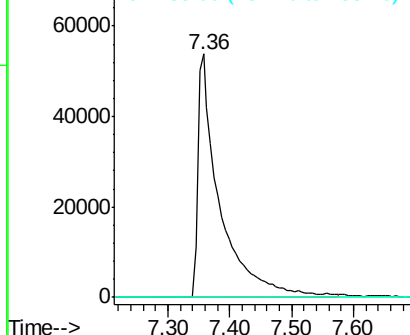
82 100

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: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF101882.D

Acq: 4 Jan 2018 3:06

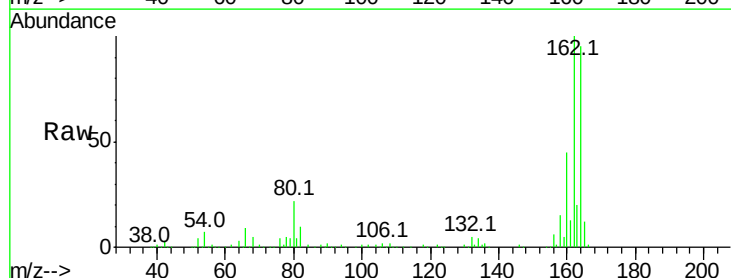
Tgt Ion:164 Resp: 172732

Ion Ratio Lower Upper

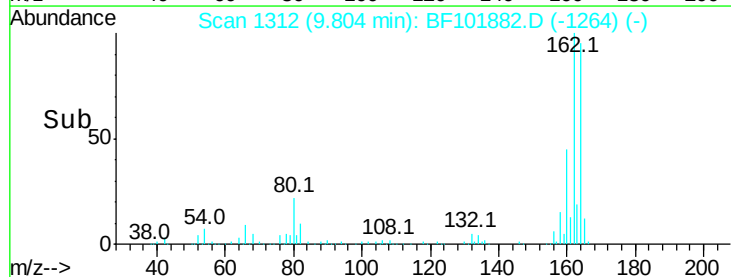
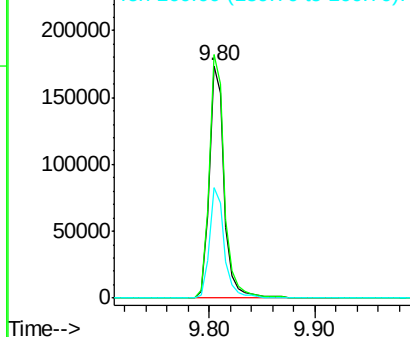
164 100

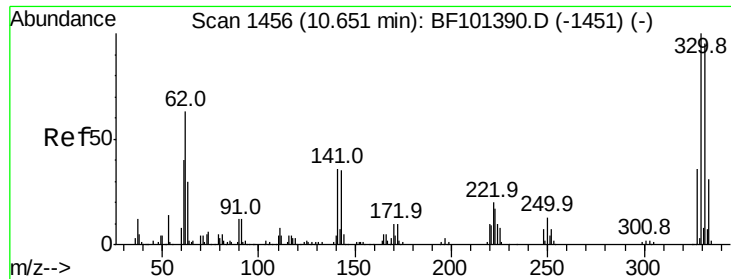
162 104.8 86.1 129.1

160 47.4 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

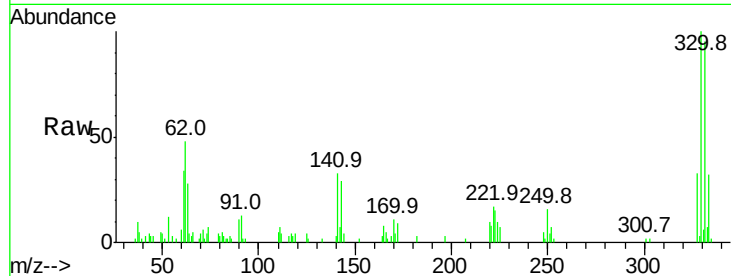




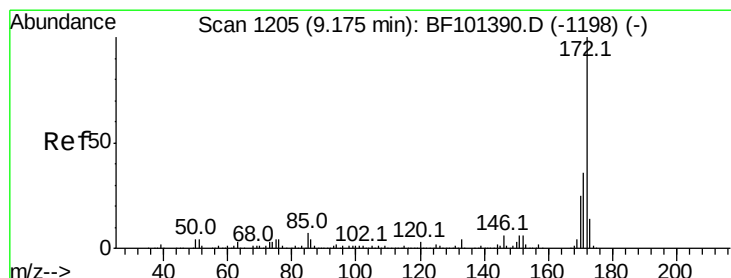
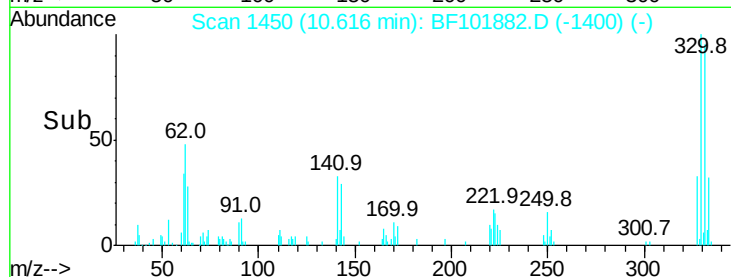
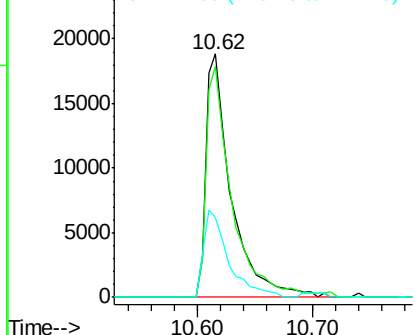
#41
 2,4,6-Tribromophenol
 Concen: 17.162 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF101882.D
 Acq: 4 Jan 2018 3:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 28565
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 35.6 29.9 44.9

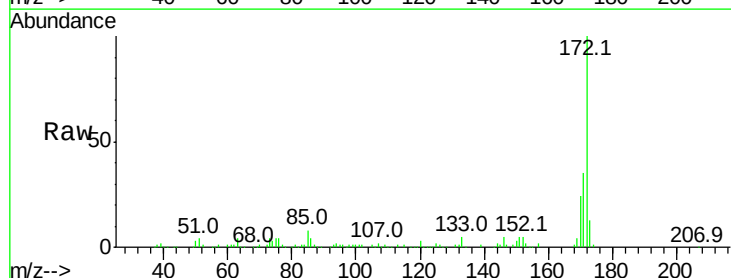


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

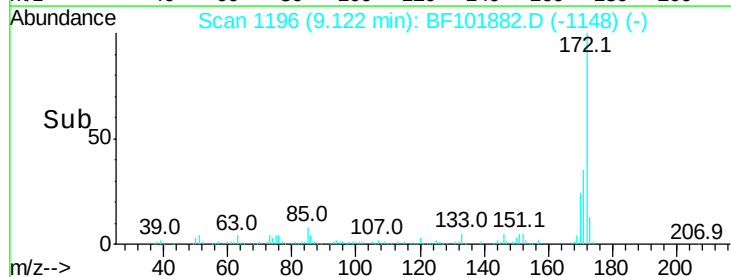
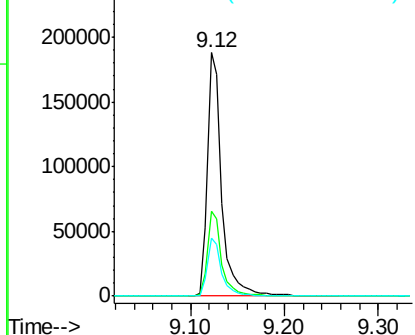


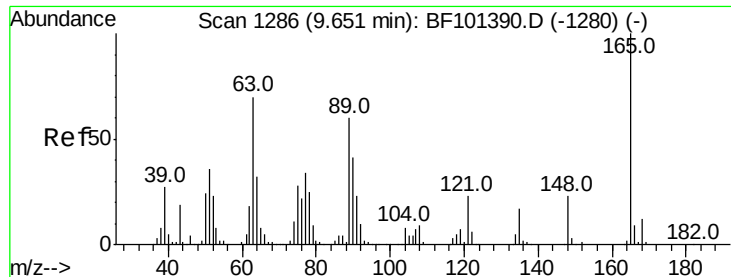
#44
 2-Fluorobiphenyl
 Concen: 18.199 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF101882.D
 Acq: 4 Jan 2018 3:06

Tgt Ion:172 Resp: 202650
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.8 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

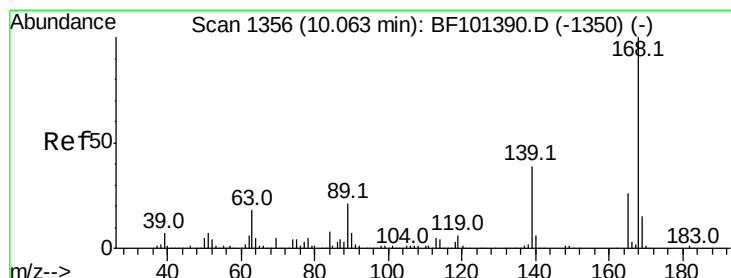
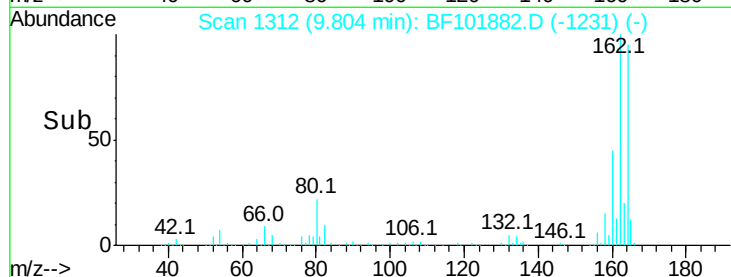
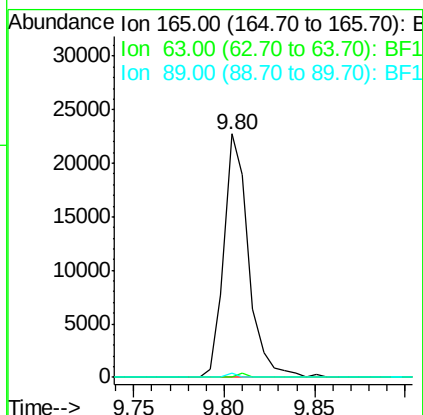
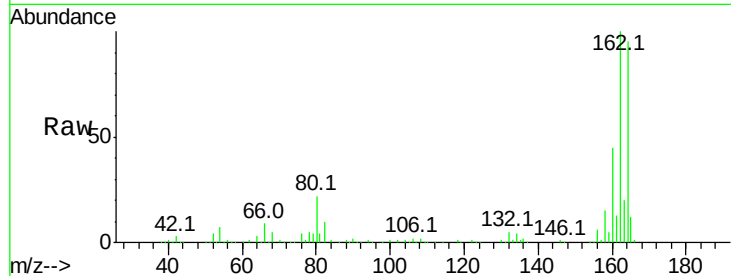




#50
2,6-Dinitrotoluene
Concen: 7.635 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.18 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

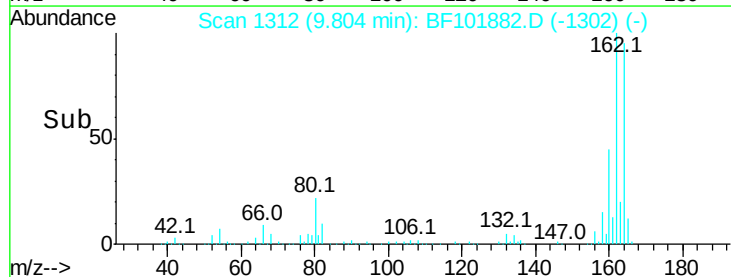
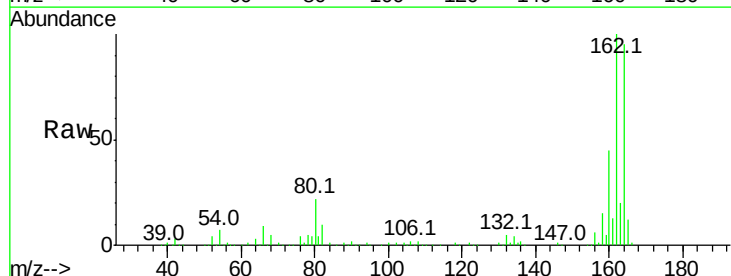
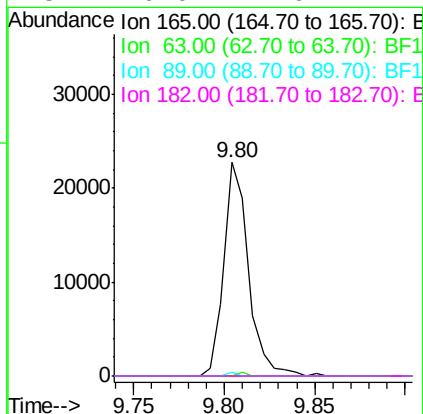
Instrument :
BNA_F
ClientSampleId :

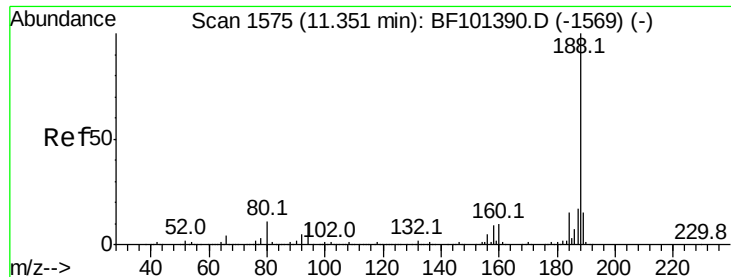
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	2.0	44.0	66.0#



#56
2,4-Dinitrotoluene
Concen: 6.776 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.24 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

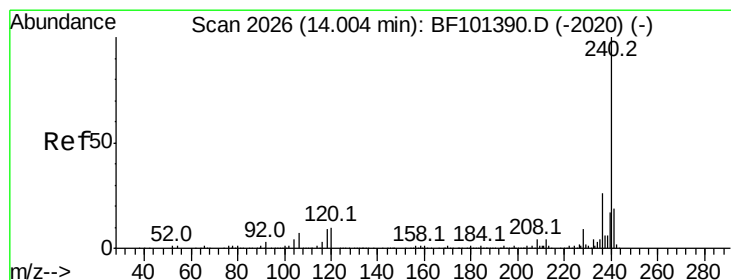
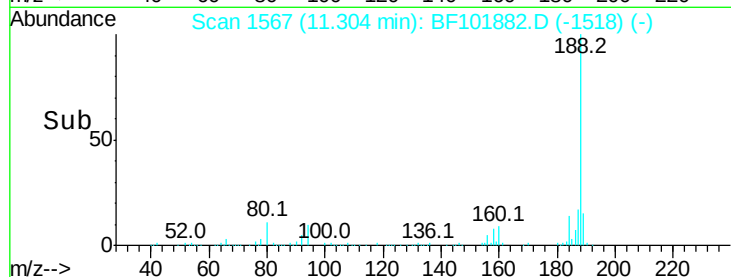
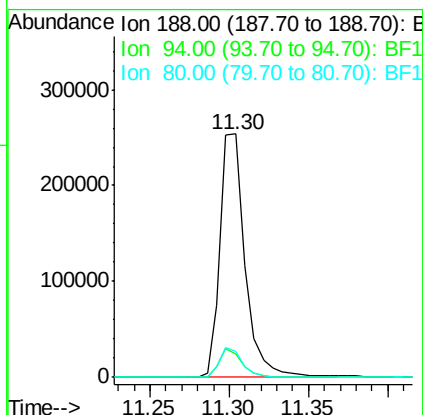
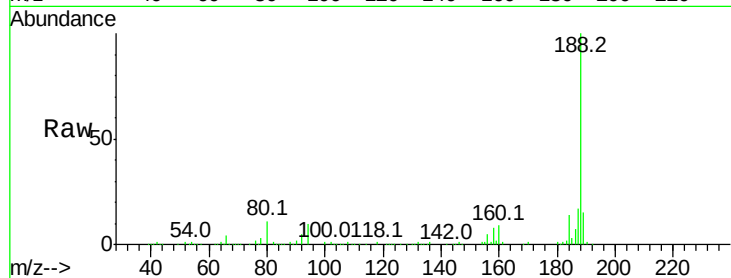




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

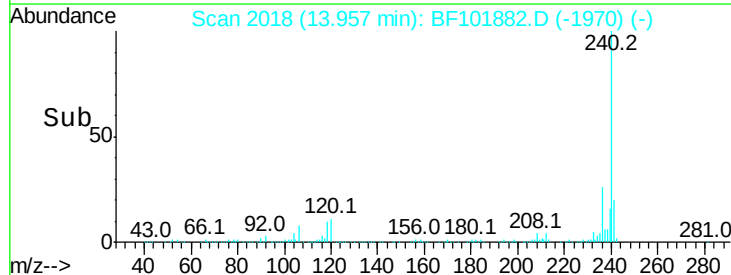
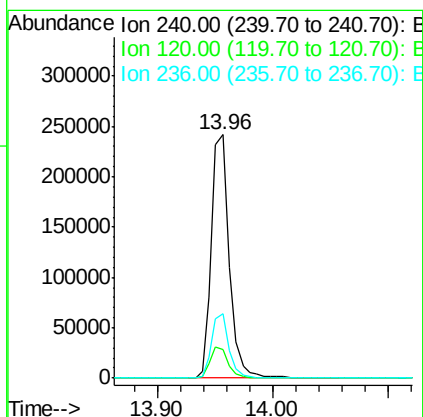
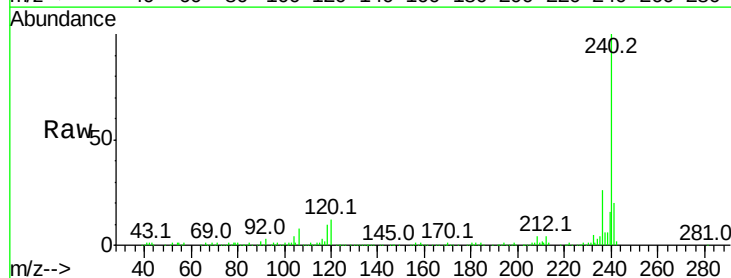
Instrument :
BNA_F
ClientSampleId :

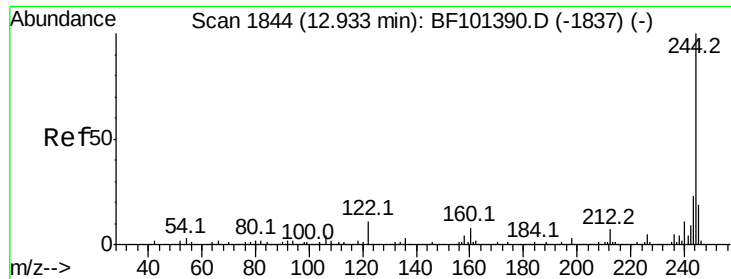
Tot Ion:188 Resp: 278621
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BF101882.D
Acq: 4 Jan 2018 3:06

Tgt Ion:240 Resp: 261113
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 26.5 20.7 31.1





#78

Terphenyl-d14

Concen: 13.411 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF101882.D

Acq: 4 Jan 2018 3:06

Instrument :

BNA_F

ClientSampleId :

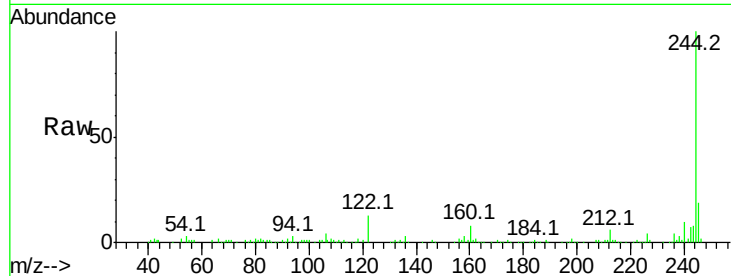
Tot Ion:244 Resp: 145256

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

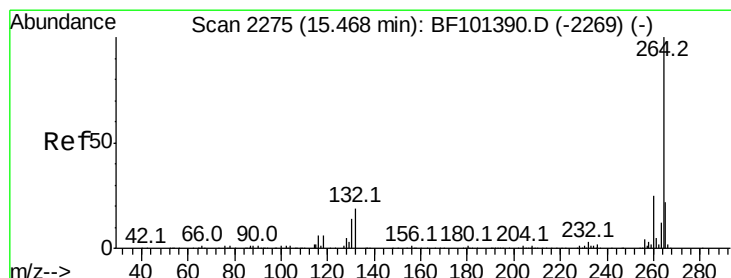
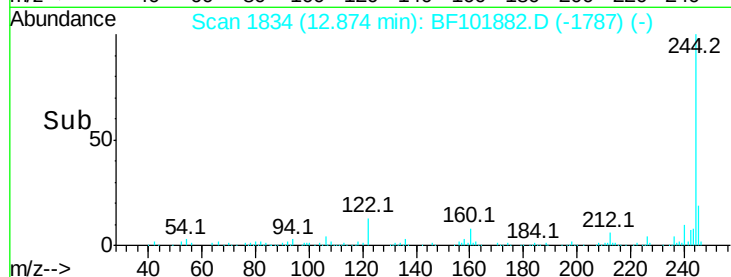
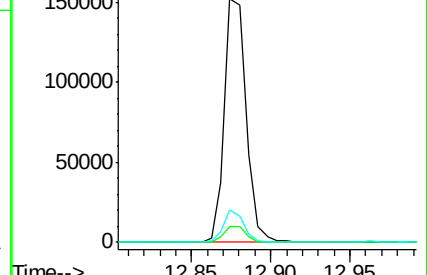
122 13.3 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF101882.D

Acq: 4 Jan 2018 3:06

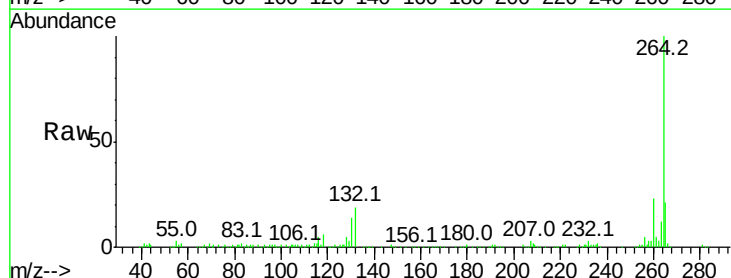
Tgt Ion:264 Resp: 201834

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.9 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

