

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121517\
 Data File : BF101448.D
 Acq On : 15 Dec 2017 17:39
 Operator : SJ/JU
 Sample : I6676-05 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 15 18:13:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 15 17:36:17 2017
 Response via : Initial Calibration

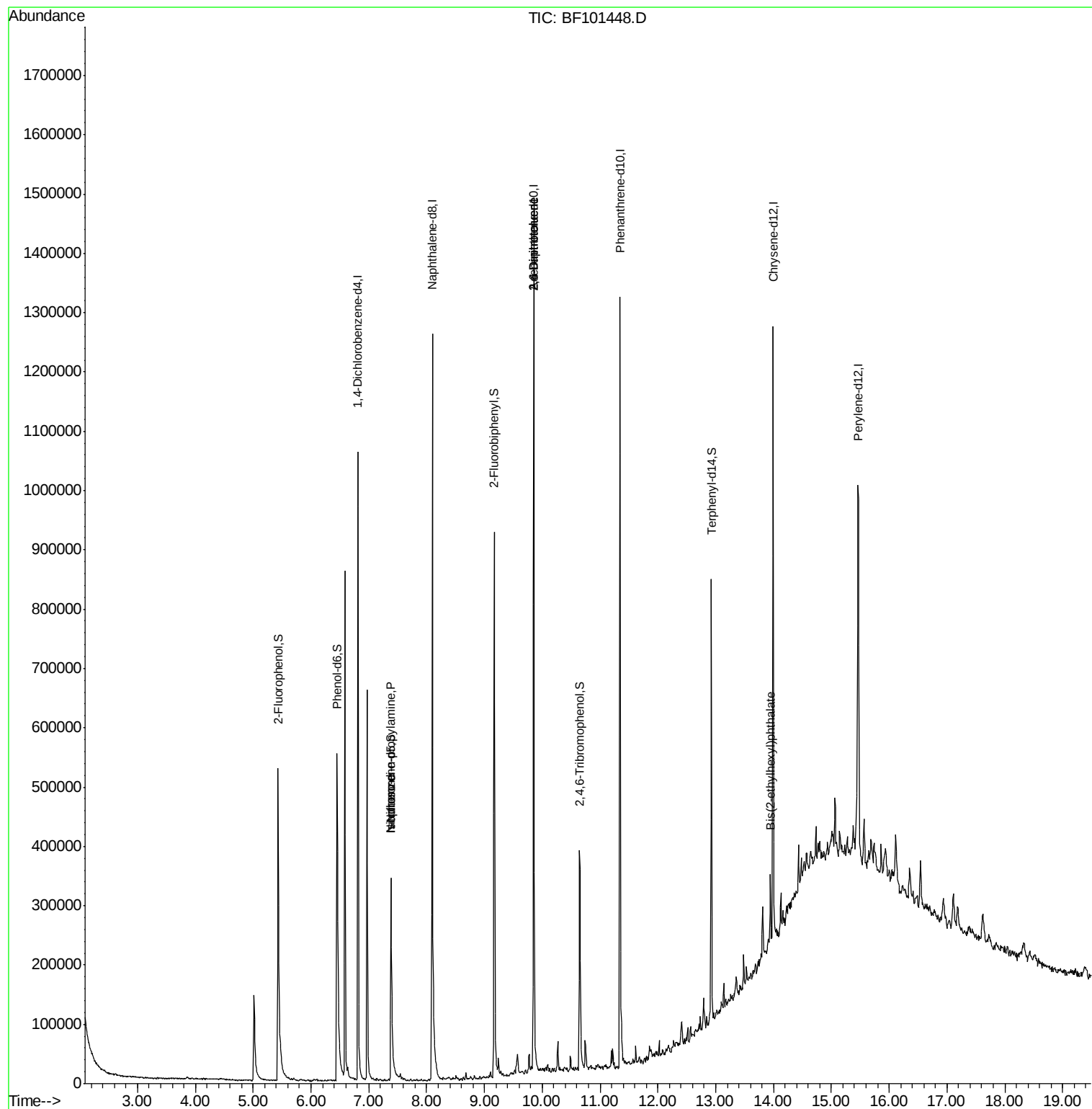
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	178120	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	719385	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	302173	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	510660	20.00	ng	0.00
75) Chrysene-d12	13.99	240	365858	20.00	ng	0.00
86) Perylene-d12	15.47	264	337506	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	250764	20.97	ng	0.00
7) Phenol-d6	6.45	99	313461	21.06	ng	0.00
23) Nitrobenzene-d5	7.39	82	188845	14.61	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	56642	19.45	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	327571	16.82	ng	0.00
78) Terphenyl-d14	12.92	244	249546	16.44	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	24023	2.458	ng	# 83
25) Isophorone	7.39	82	188845	7.284	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	38720	7.838	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	38830	6.977	ng	# 23
83) Bis(2-ethylhexyl)phthalate	13.94	149	37789	2.401	ng	98

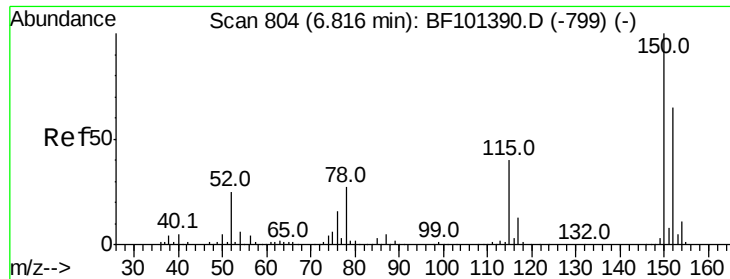
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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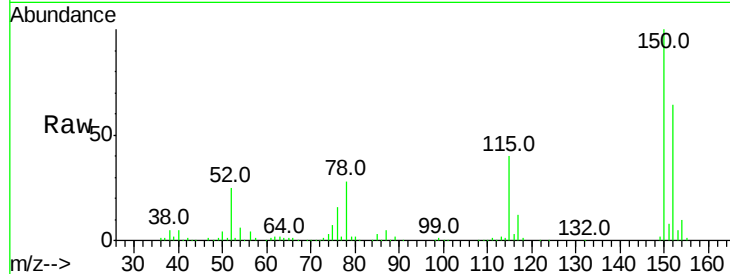


#1

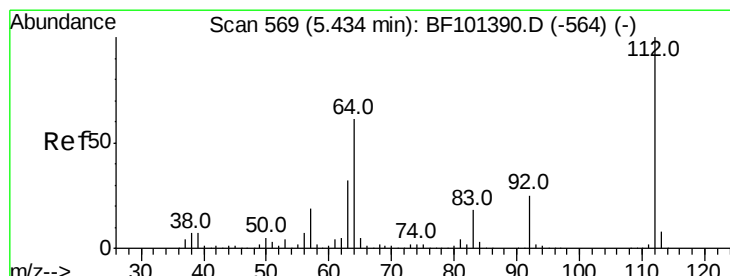
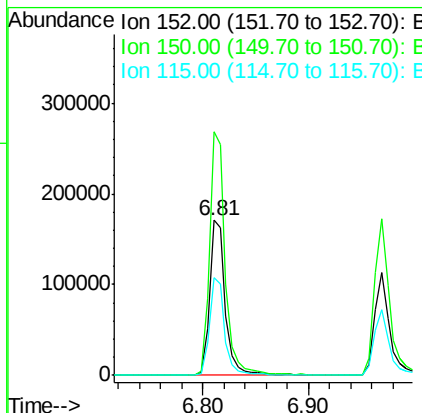
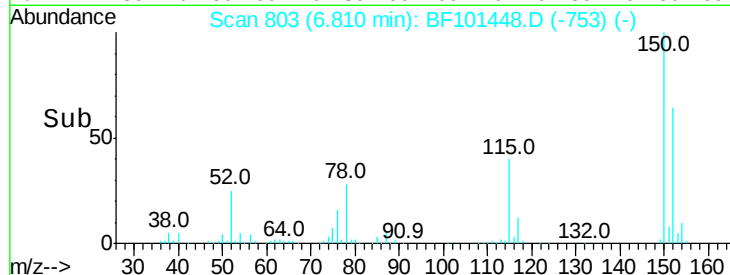
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF101448.D
Acq: 15 Dec 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178120
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 63.0 50.1 75.1



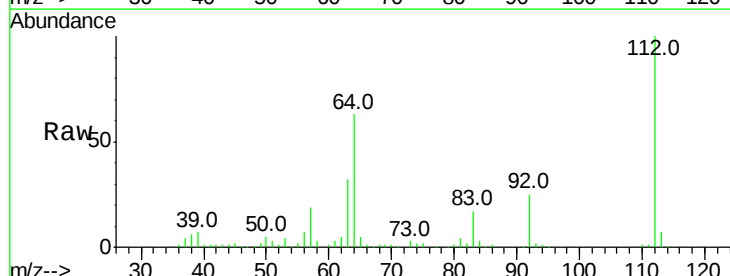
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



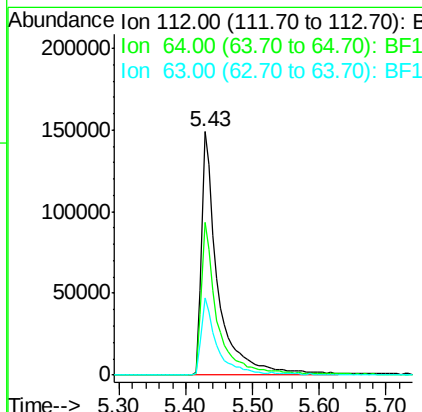
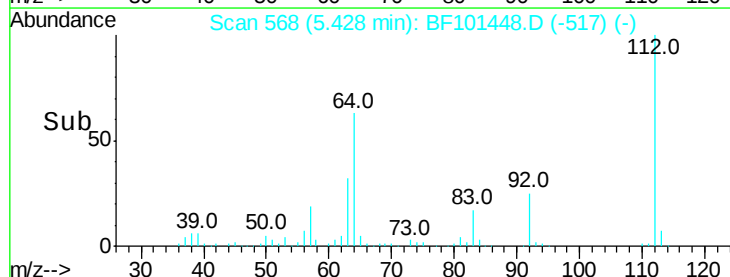
#5

2-Fluorophenol
Concen: 20.971 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF101448.D
Acq: 15 Dec 2017 17:39

Tgt Ion:112 Resp: 250764
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 31.7 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: 21.063 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF101448.D

Acq: 15 Dec 2017 17:39

Instrument :

BNA_F

ClientSampleId :

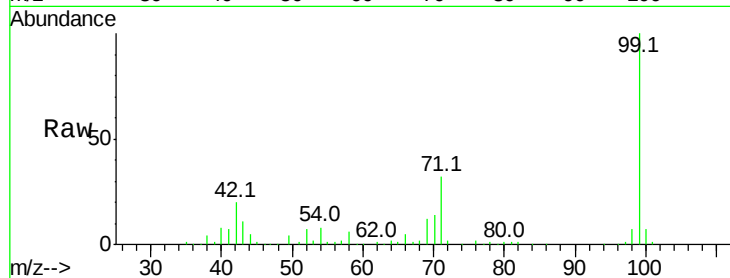
Tot Ion: 99 Resp: 313461

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

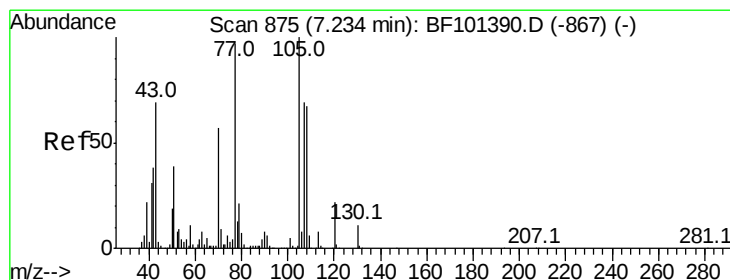
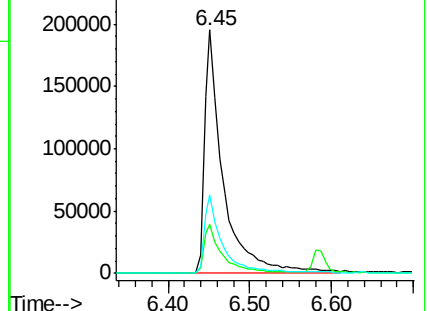
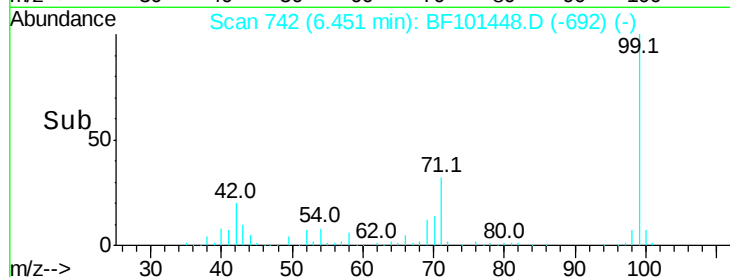
71 32.3 25.4 38.0



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: 2.458 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.15 min

Lab File: BF101448.D

Acq: 15 Dec 2017 17:39

Tgt Ion: 70 Resp: 24023

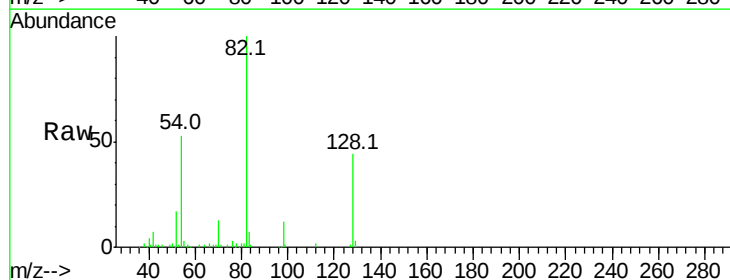
Ion Ratio Lower Upper

70 100

42 54.8 47.5 71.3

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

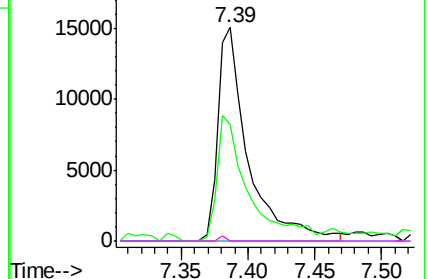
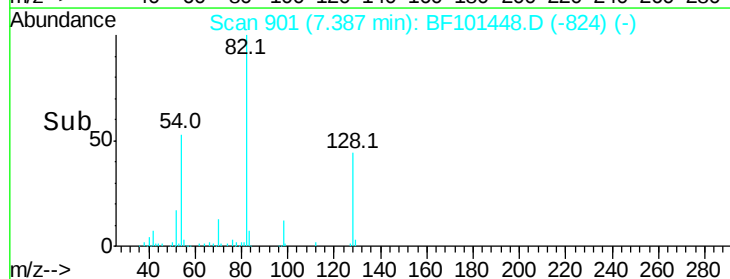


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

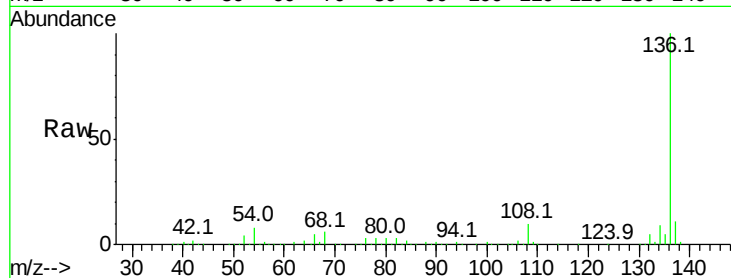




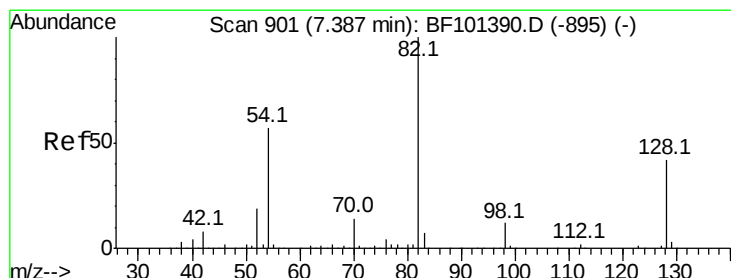
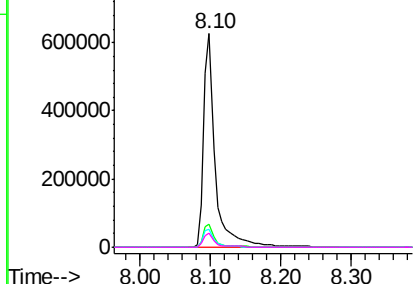
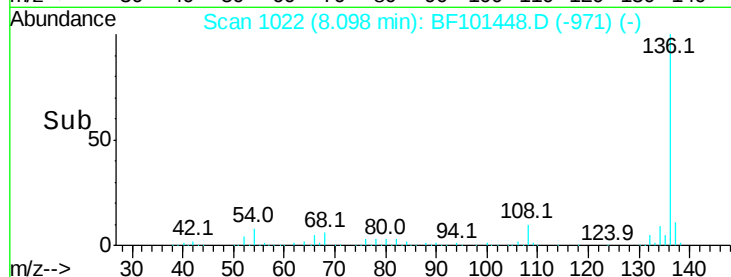
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF101448.D
Acq: 15 Dec 2017 17:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	719385
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.5	6.6	9.8
68	6.3	5.0	7.4

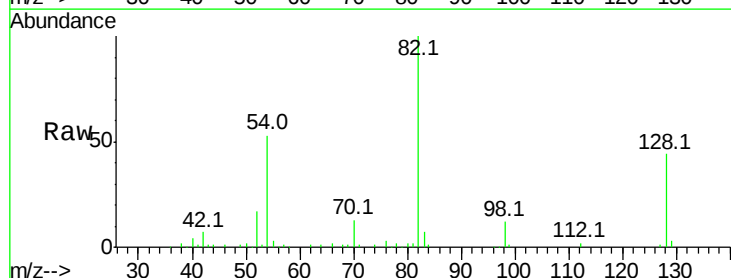


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

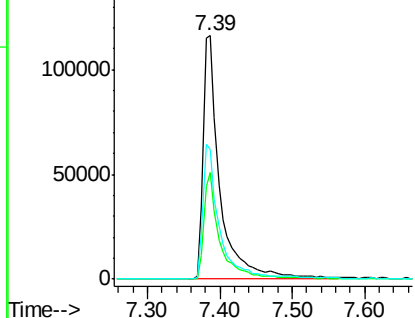
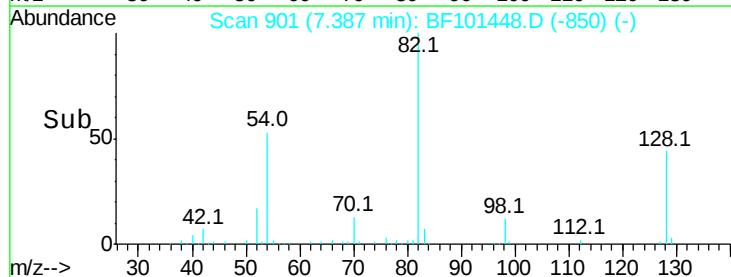


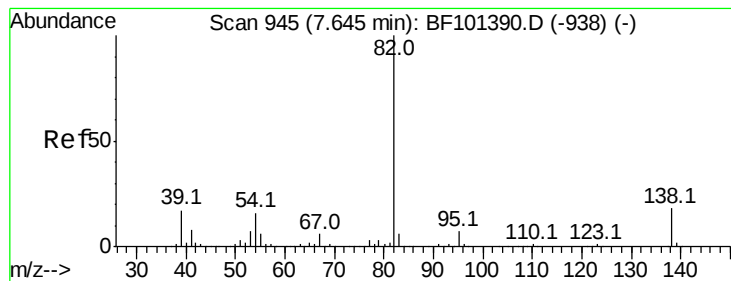
#23
Nitrobenzene-d5
Concen: 14.613 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF101448.D
Acq: 15 Dec 2017 17:39

Tgt Ion:	82	Resp:	188845
Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.1	54.1
54	53.2	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: 7.284 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.25 min

Lab File: BF101448.D

Acq: 15 Dec 2017 17:39

Instrument :

BNA_F

ClientSampleId :

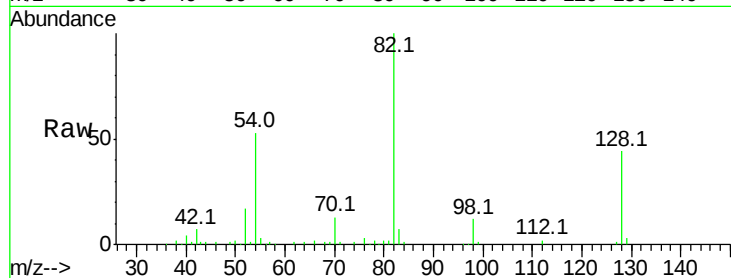
Tot Ion: 82 Resp: 188845

Ion Ratio Lower Upper

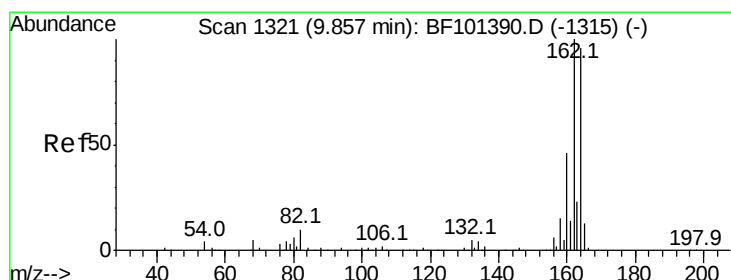
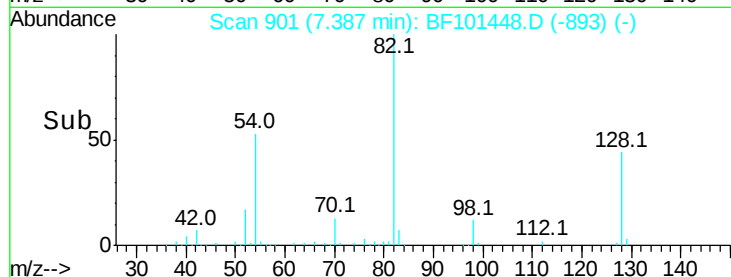
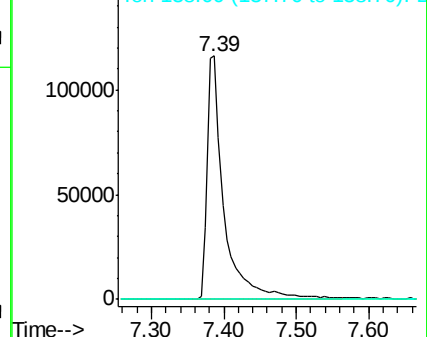
82 100

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: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF101448.D

Acq: 15 Dec 2017 17:39

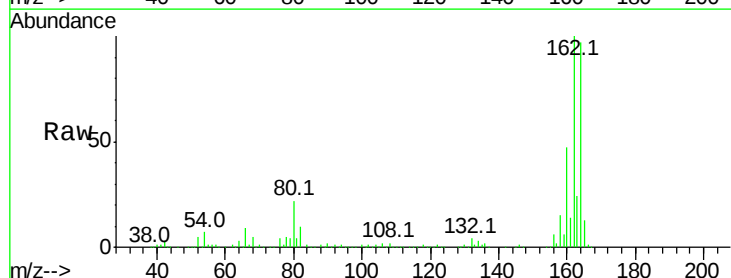
Tgt Ion:164 Resp: 302173

Ion Ratio Lower Upper

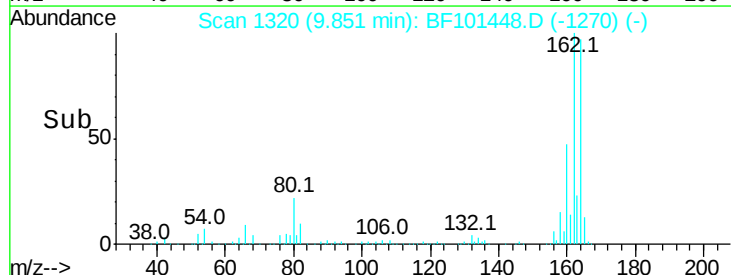
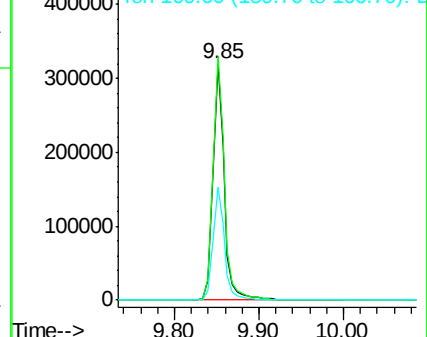
164 100

162 103.0 86.1 129.1

160 47.9 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

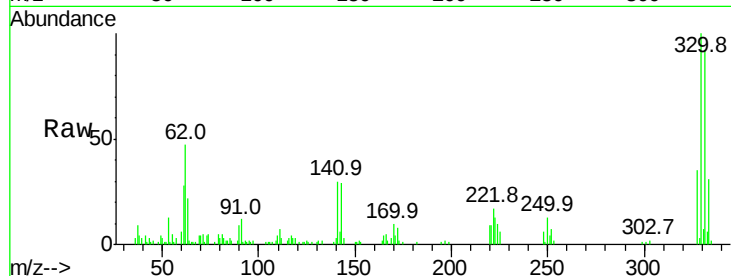




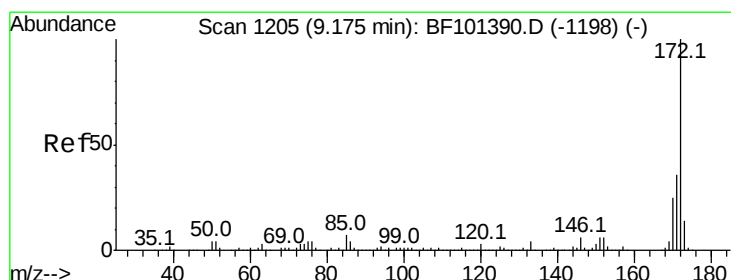
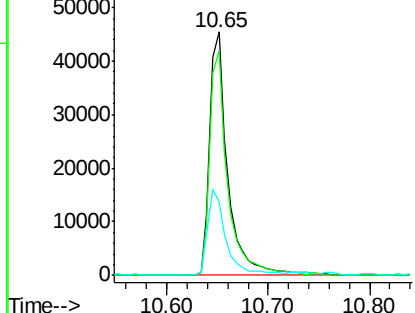
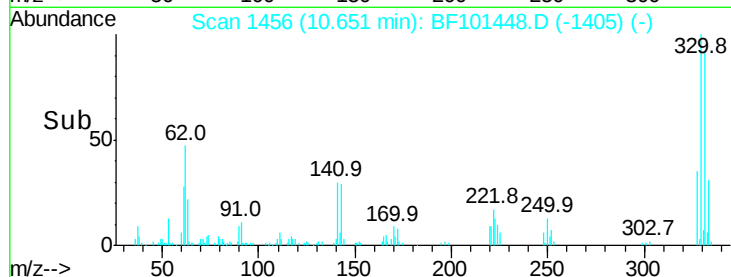
#41
 2,4,6-Tribromophenol
 Concen: 19.453 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. 0.00 min
 Lab File: BF101448.D
 Acq: 15 Dec 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	91.5	77.0	115.6
141	35.9	29.9	44.9

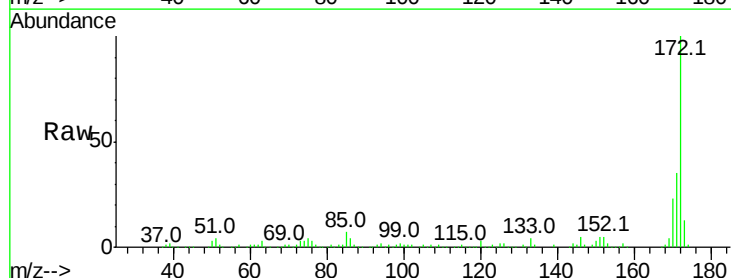


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

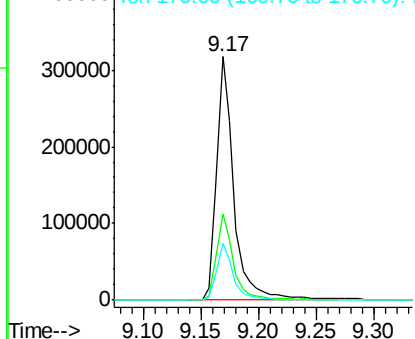
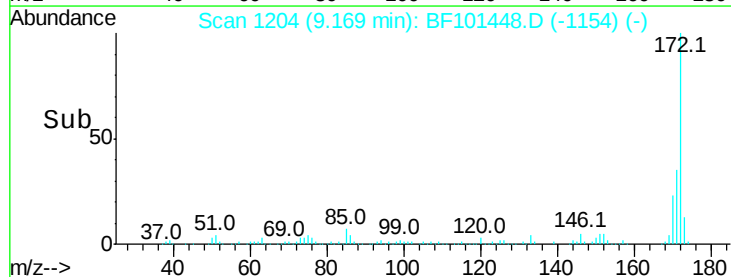


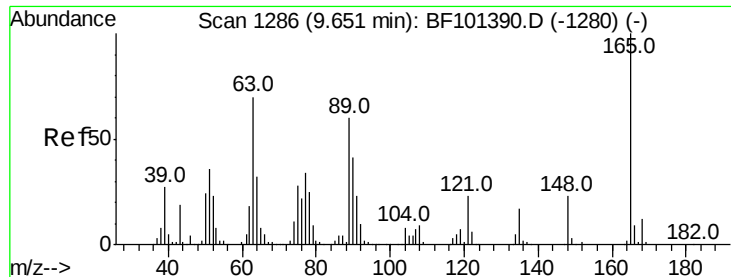
#44
 2-Fluorobiphenyl
 Concen: 16.816 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF101448.D
 Acq: 15 Dec 2017 17:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.4	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

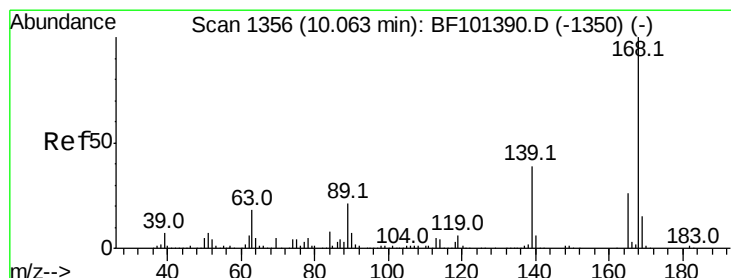
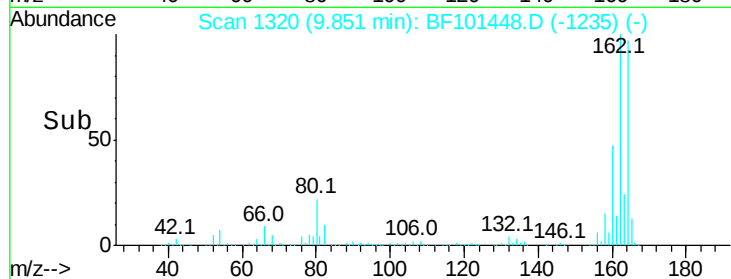
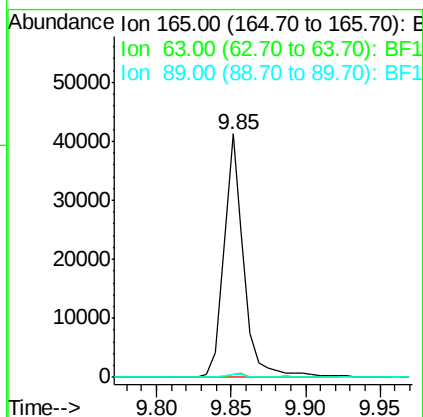
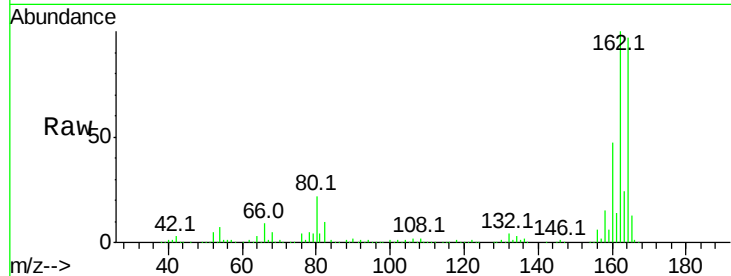




#50
 2,6-Dinitrotoluene
 Concen: 7.838 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.20 min
 Lab File: BF101448.D
 Acq: 15 Dec 2017 17:39

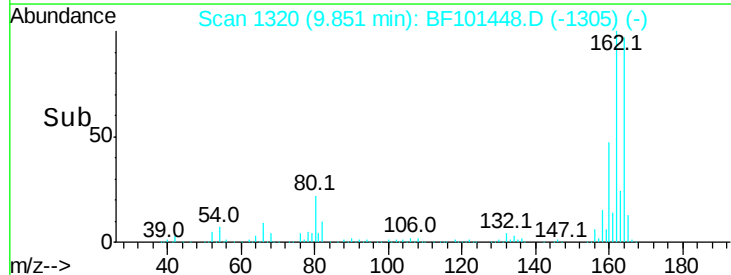
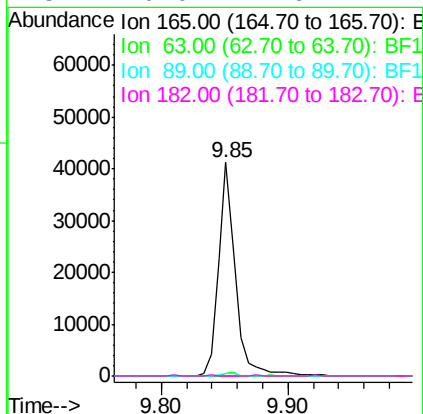
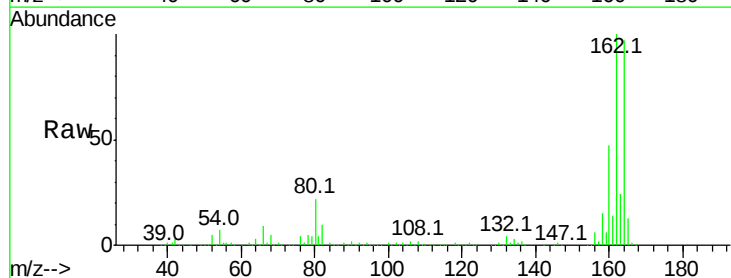
Instrument :
 BNA_F
 ClientSampled :

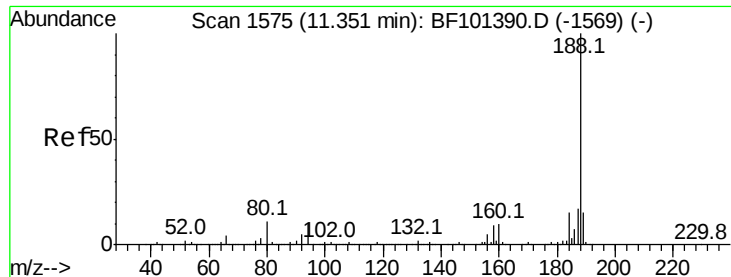
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.977 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.21 min
 Lab File: BF101448.D
 Acq: 15 Dec 2017 17:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

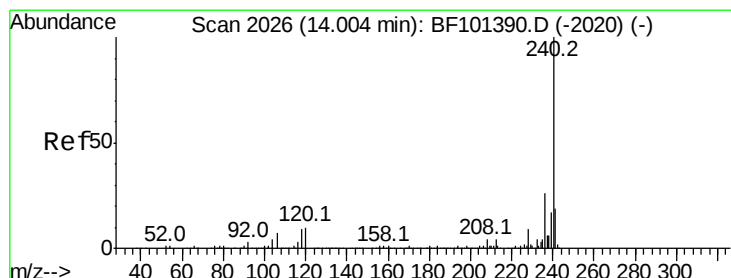
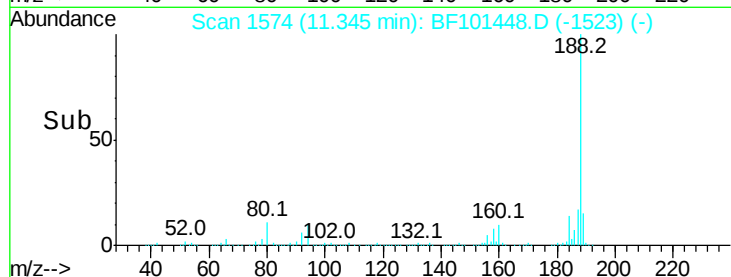
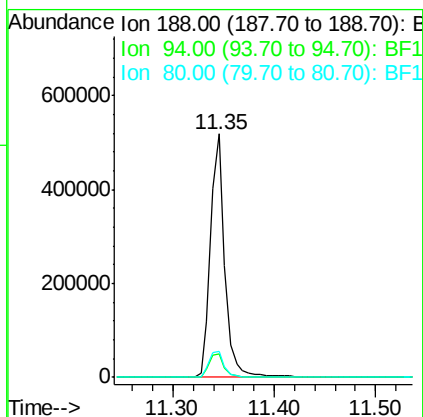
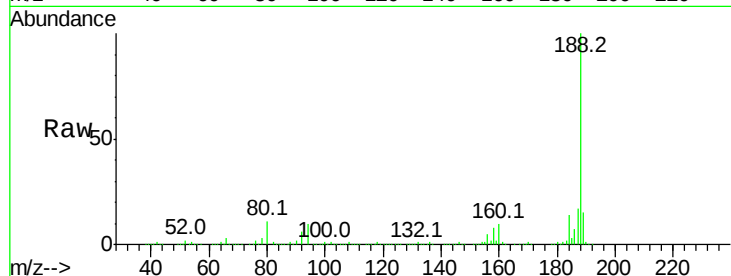




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF101448.D
Acq: 15 Dec 2017 17:39

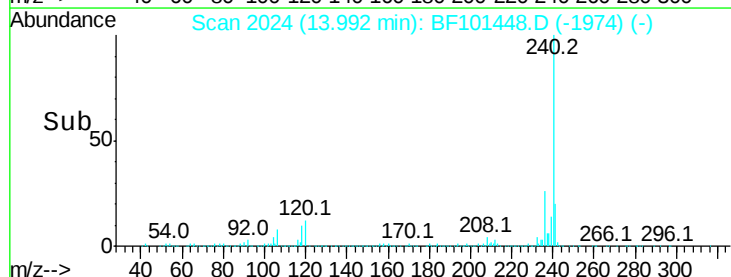
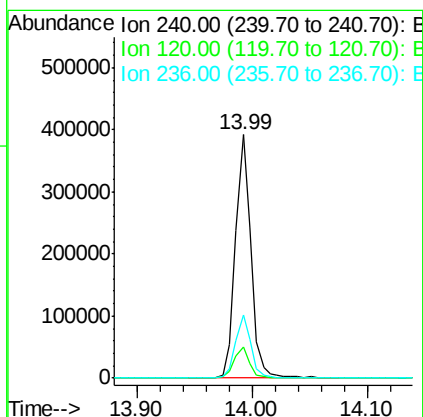
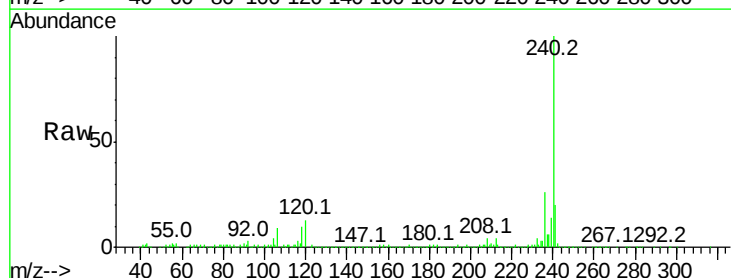
Instrument :
BNA_F
ClientSampleId :

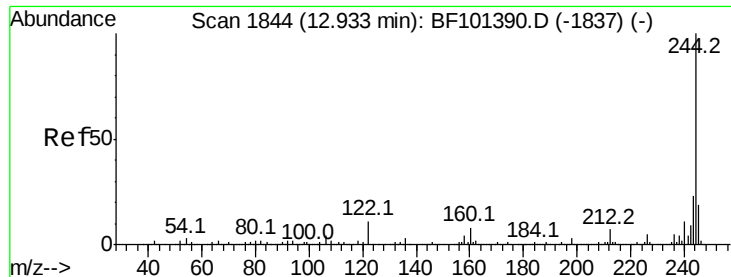
Tot Ion:188 Resp: 510660
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF101448.D
Acq: 15 Dec 2017 17:39

Tgt Ion:240 Resp: 365858
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 25.9 20.7 31.1





#78

Terphenyl-d14

Concen: 16.443 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BF101448.D

Acq: 15 Dec 2017 17:39

Instrument :

BNA_F

ClientSampleId :

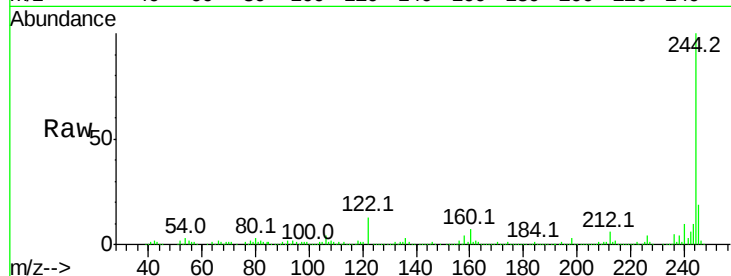
Tot Ion:244 Resp: 249546

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

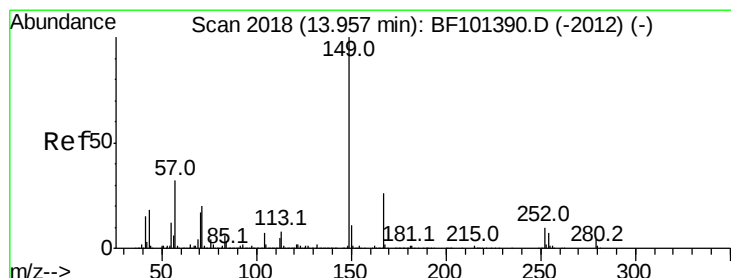
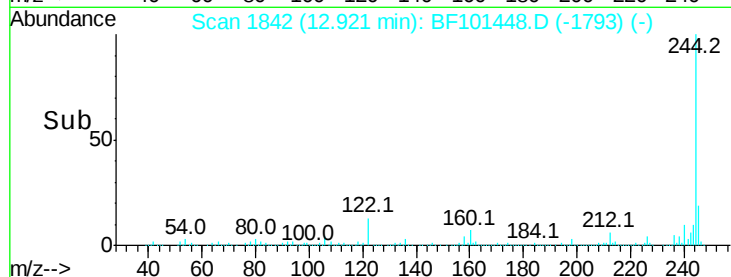
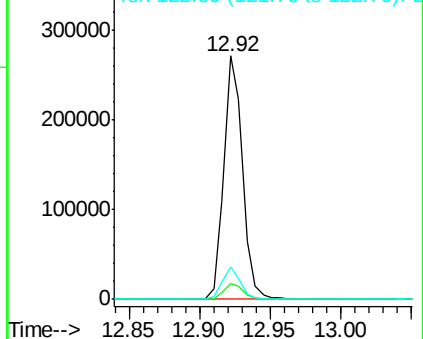
122 13.3 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.401 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF101448.D

Acq: 15 Dec 2017 17:39

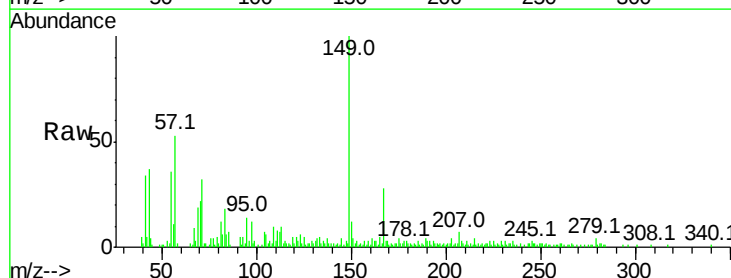
Tgt Ion:149 Resp: 37789

Ion Ratio Lower Upper

149 100

167 28.0 21.3 31.9

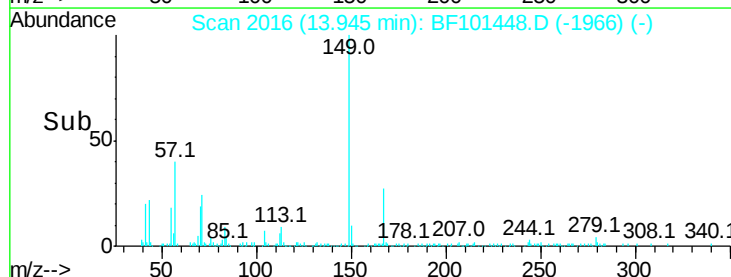
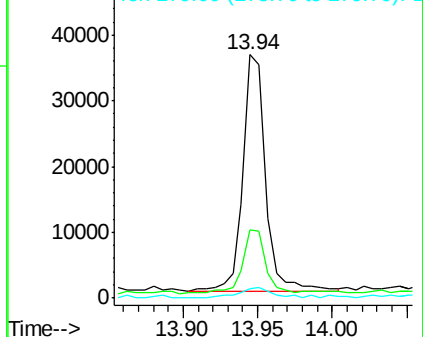
279 3.7 3.0 4.4

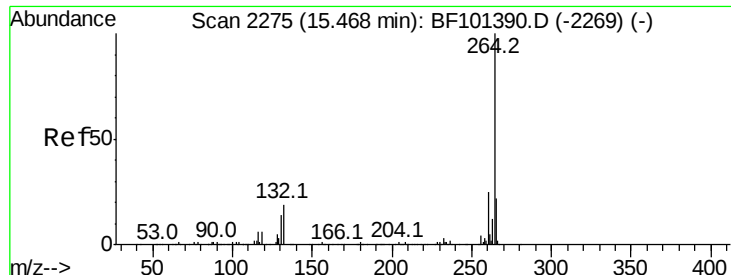


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

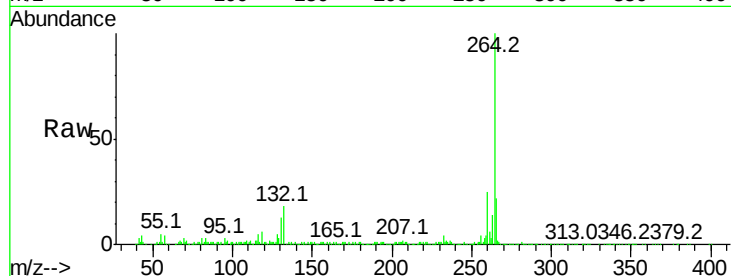




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.00 min
Lab File: BF101448.D
Acq: 15 Dec 2017 17:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	337506
Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	22.2	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

