

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101530.D
 Acq On : 19 Dec 2017 18:48
 Operator : SJ/JU
 Sample : I6958-01 50X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4

Quant Time: Dec 20 06:58:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

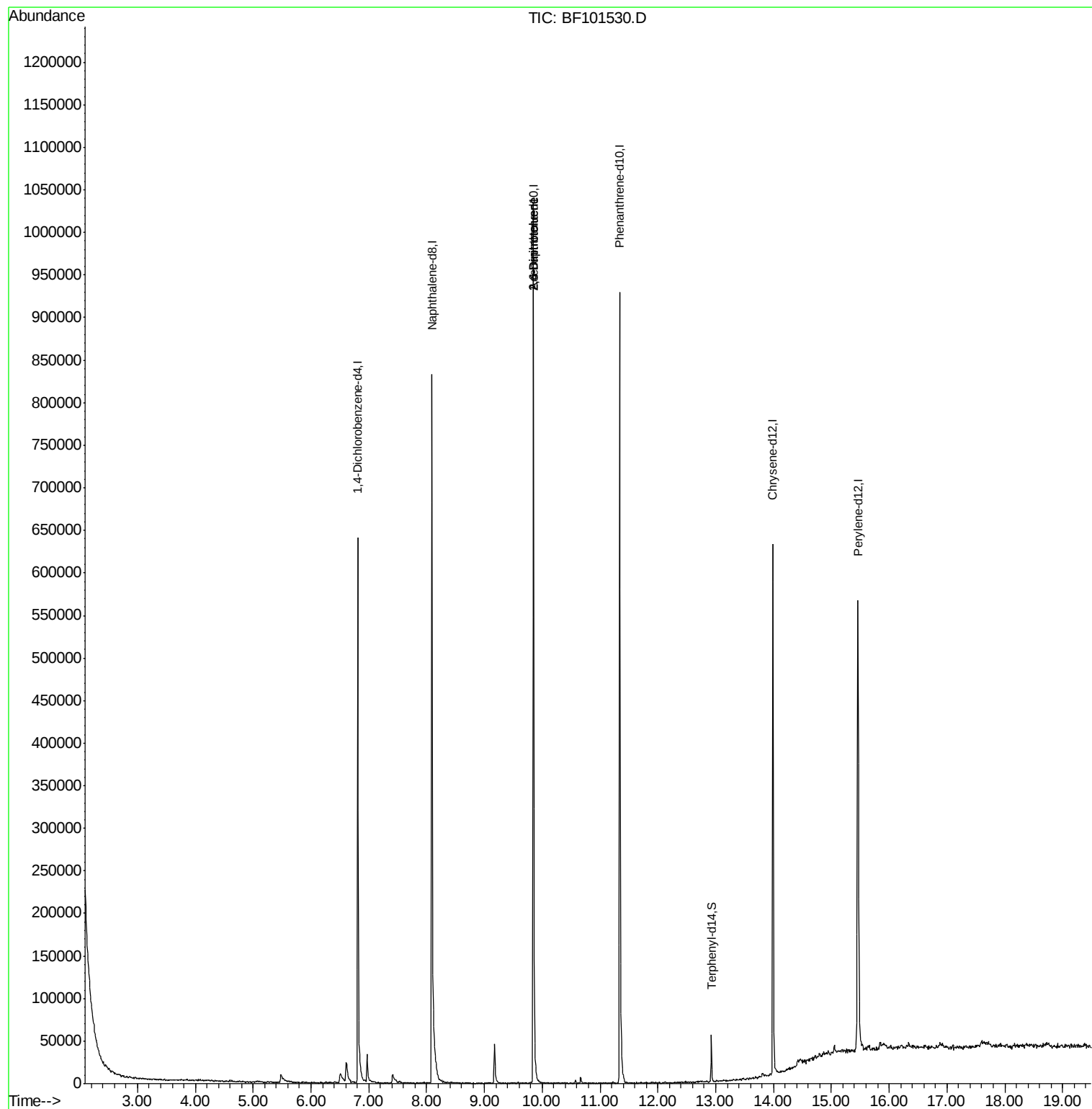
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128460	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	527469	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	234592	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	431974	20.00	ng	0.00
75) Chrysene-d12	13.99	240	268440	20.00	ng	0.00
86) Perylene-d12	15.46	264	312735	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	13066	1.52	ng	0.06
7) Phenol-d6	6.50	99	18970	1.77	ng	0.05
23) Nitrobenzene-d5	7.42	82	11116	1.17	ng	0.04
41) 2,4,6-Tribromophenol	10.66	330	2219	0.98	ng	0.02
44) 2-Fluorobiphenyl	9.17	172	29396	1.94	ng	0.00
78) Terphenyl-d14	12.92	244	24235	2.18	ng	0.00
Target Compounds						
50) 2,6-Dinitrotoluene	9.85	165	29923	7.802	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	29923	6.925	ng	# 23

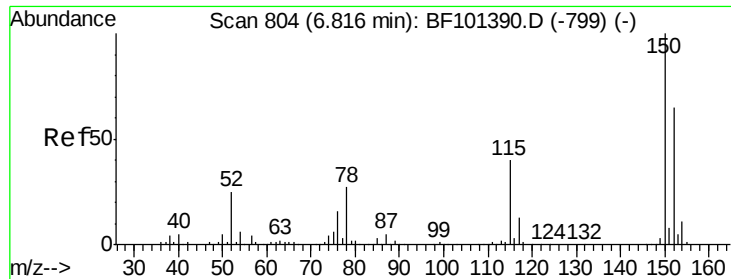
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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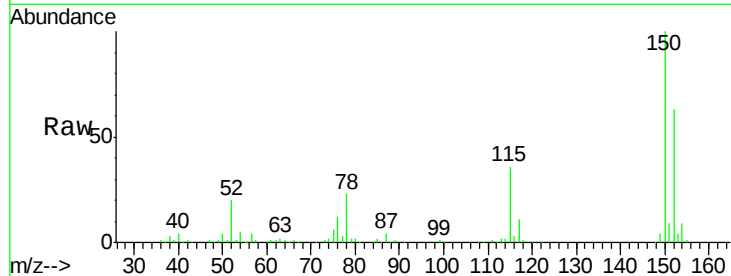


#1

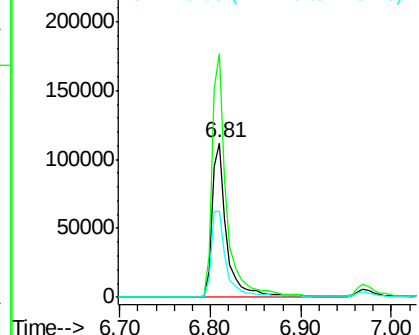
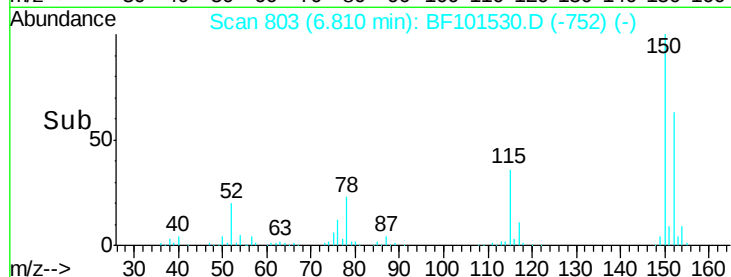
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF101530.D
Acq: 19 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tot Ion:152 Resp: 128460
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 56.0 50.1 75.1



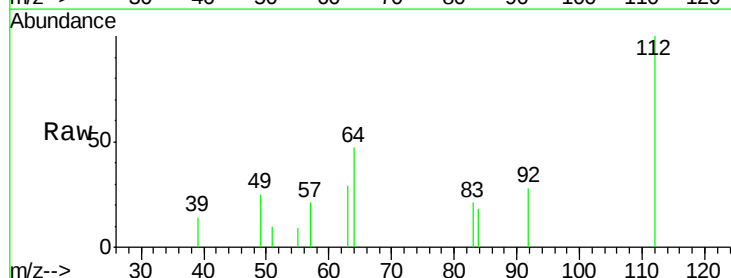
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



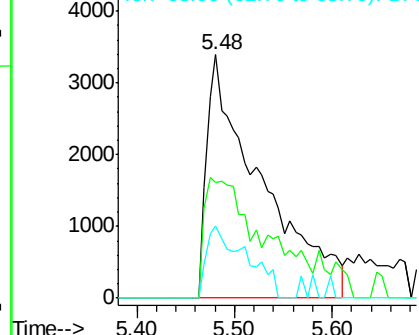
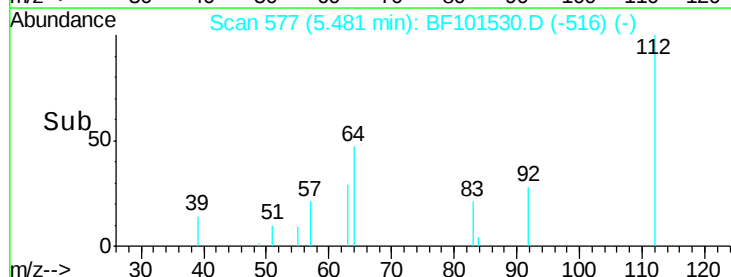
#5

2-Fluorophenol
Concen: 1.515 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.06 min
Lab File: BF101530.D
Acq: 19 Dec 2017 18:48

Tgt Ion:112 Resp: 13066
Ion Ratio Lower Upper
112 100
64 47.5 47.9 71.9#
63 29.4 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: 1.767 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.05 min

Lab File: BF101530.D

Acq: 19 Dec 2017 18:48

Instrument :

BNA_F

ClientSampled :

DRUM-1-4

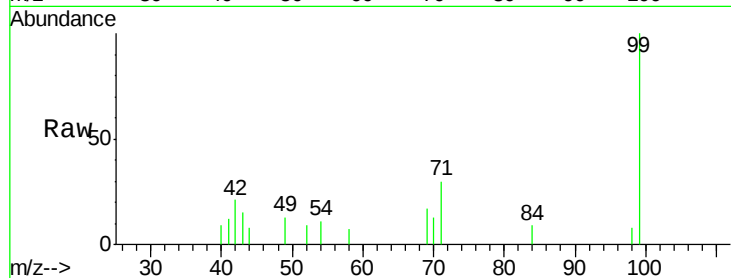
Tot Ion: 99 Resp: 18970

Ion Ratio Lower Upper

99 100

42 21.4 14.5 21.7

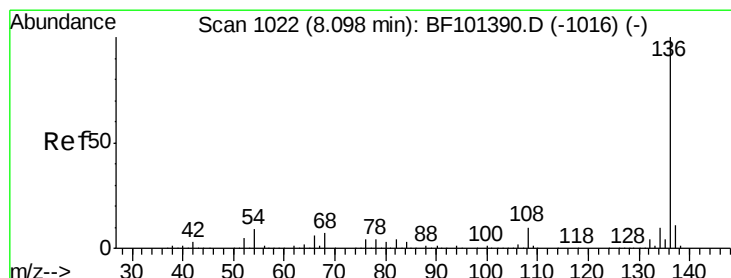
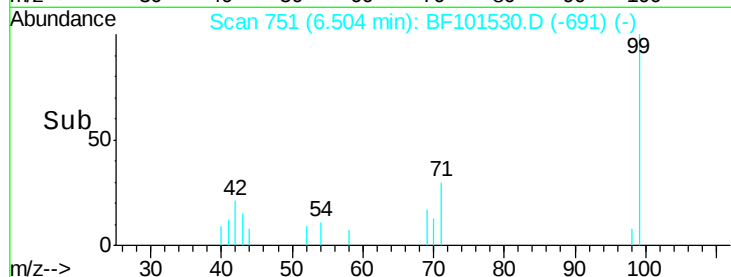
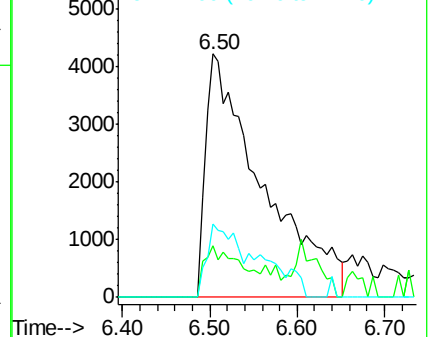
71 30.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF101530.D

Acq: 19 Dec 2017 18:48

Tgt Ion: 136 Resp: 527469

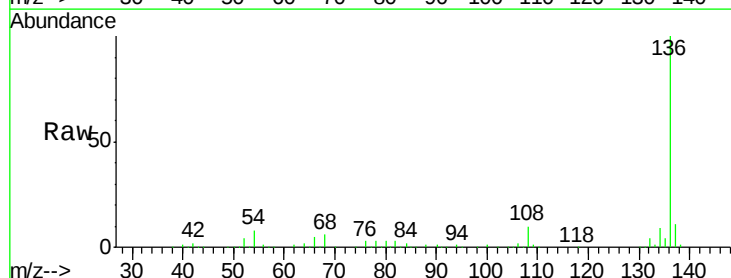
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.7 6.6 9.8

68 6.0 5.0 7.4

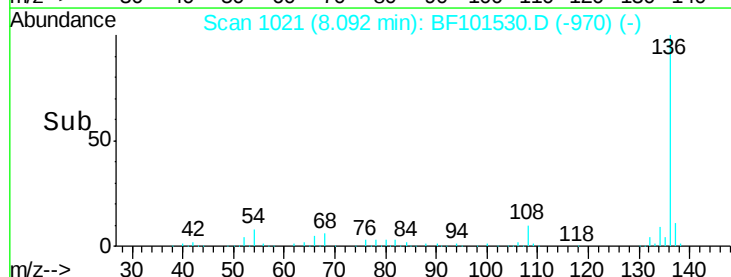
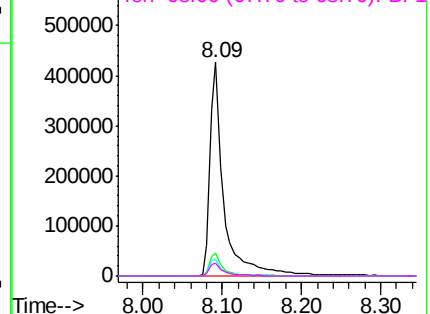


Abundance Ion 136.00 (135.70 to 136.70): E

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

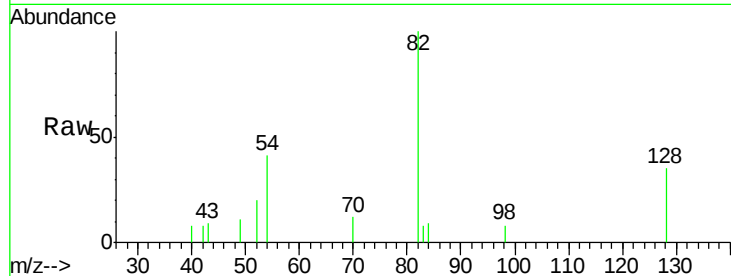




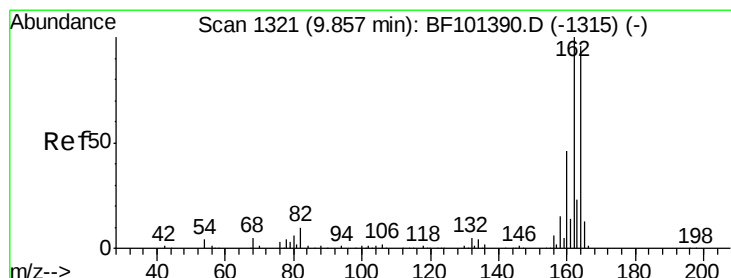
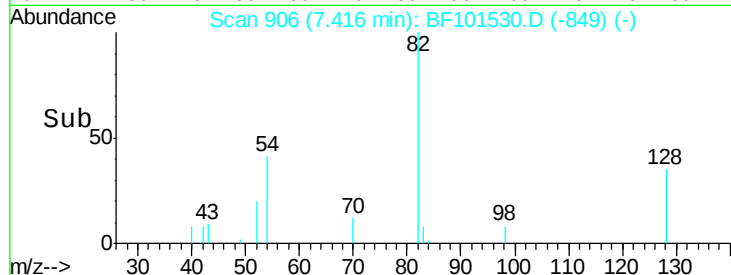
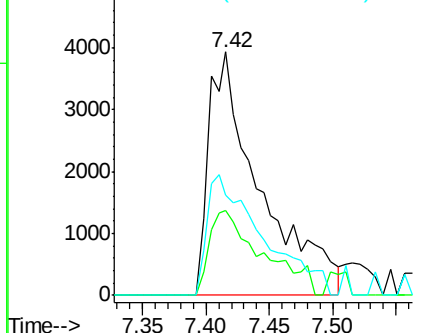
#23
Nitrobenzene-d5
Concen: 1.173 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.04 min
Lab File: BF101530.D
Acq: 19 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tot Ion: 82 Resp: 11116
Ion Ratio Lower Upper
82 100
128 35.1 36.1 54.1#
54 41.4 41.4 62.2#

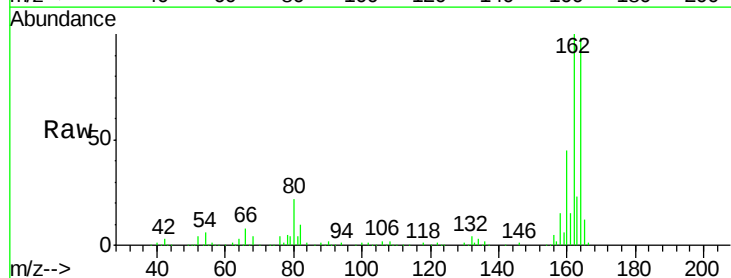


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

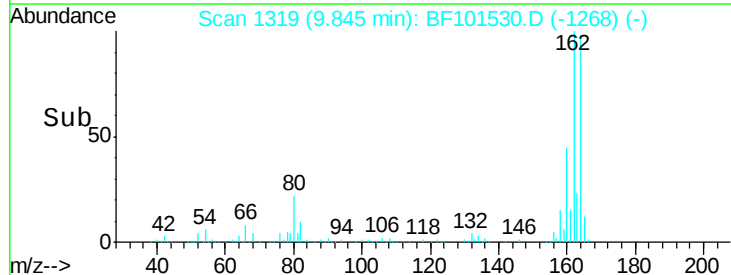
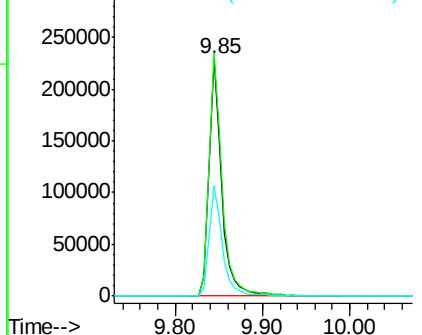


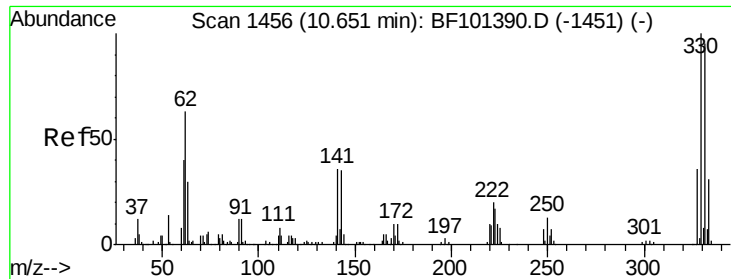
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101530.D
Acq: 19 Dec 2017 18:48

Tgt Ion:164 Resp: 234592
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.4 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

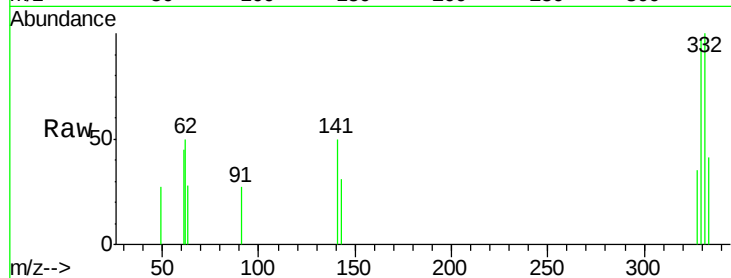




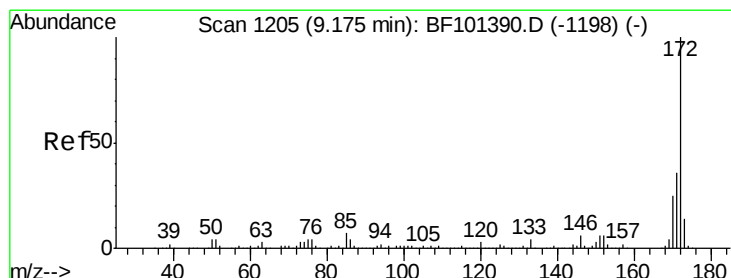
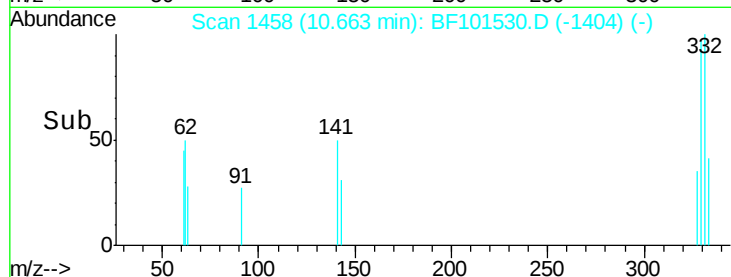
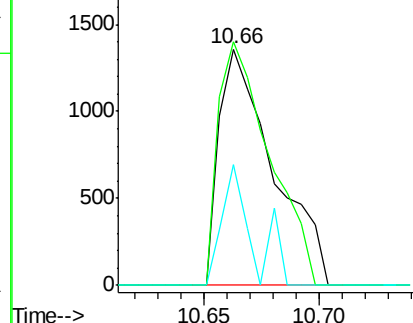
#41
 2,4,6-Tribromophenol
 Concen: 0.982 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. 0.02 min
 Lab File: BF101530.D
 Acq: 19 Dec 2017 18:48

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-1-4

Tot Ion:330 Resp: 2219
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 21.2 29.9 44.9#

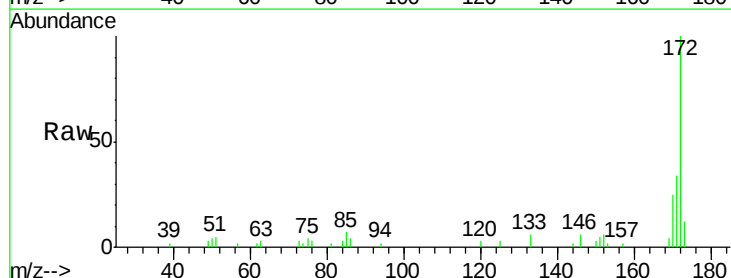


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

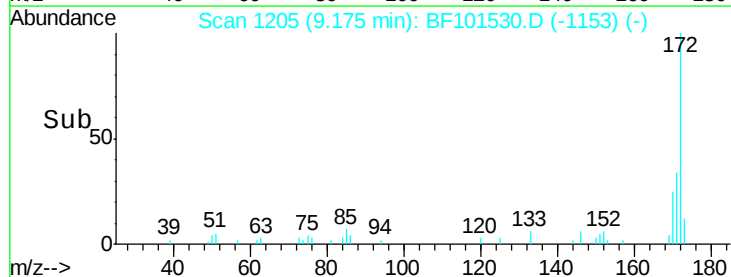
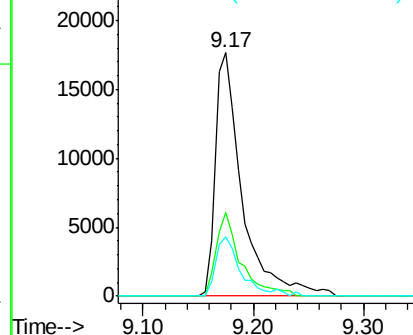


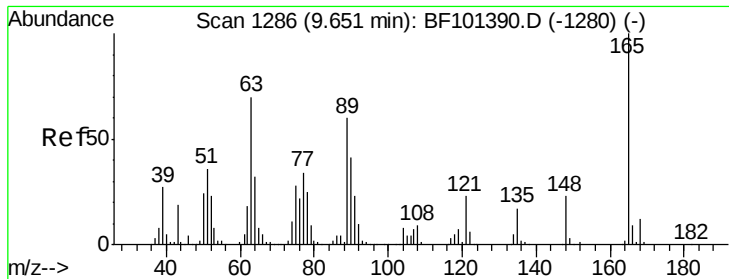
#44
 2-Fluorobiphenyl
 Concen: 1.944 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF101530.D
 Acq: 19 Dec 2017 18:48

Tgt Ion:172 Resp: 29396
 Ion Ratio Lower Upper
 172 100
 171 34.3 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

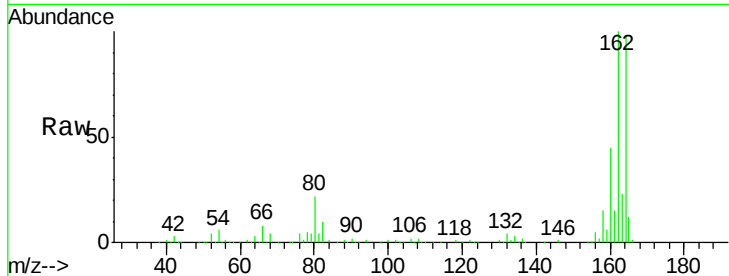




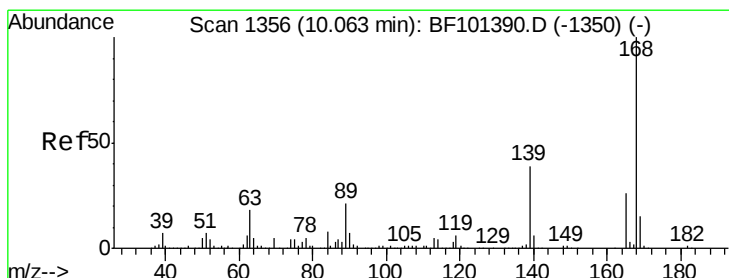
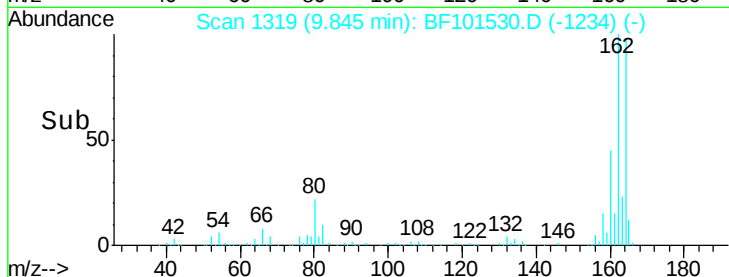
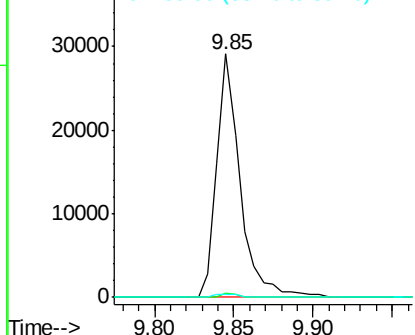
#50
2,6-Dinitrotoluene
Concen: 7.802 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101530.D
Acq: 19 Dec 2017 18:48

Instrument :
BNA_F
ClientSampleId :
DRUM-1-4

Tot Ion:165 Resp: 29923
Ion Ratio Lower Upper
165 100
63 1.7 44.7 67.1#
89 1.3 44.0 66.0#



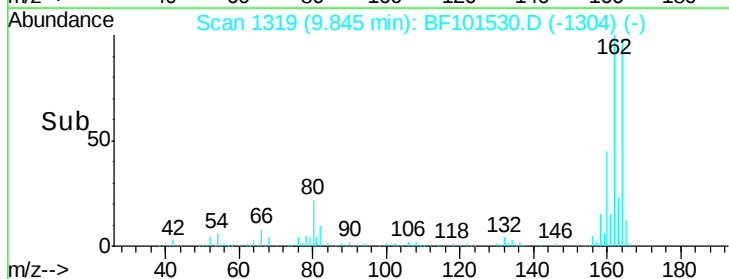
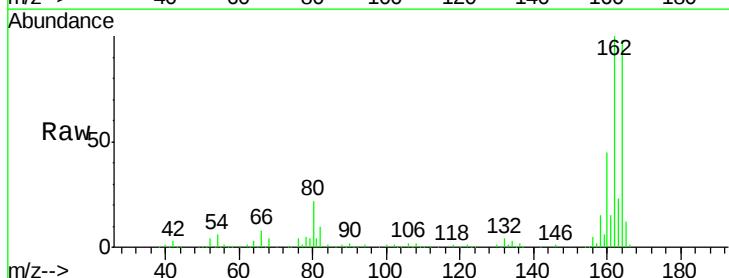
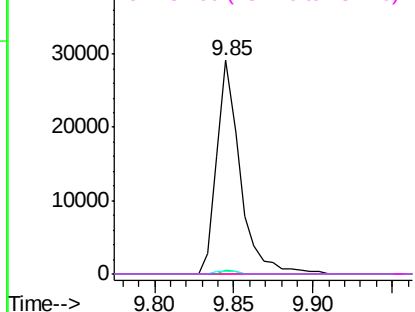
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

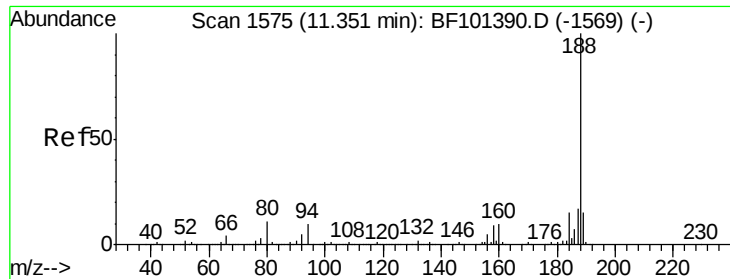


#56
2,4-Dinitrotoluene
Concen: 6.925 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101530.D
Acq: 19 Dec 2017 18:48

Tgt Ion:165 Resp: 29923
Ion Ratio Lower Upper
165 100
63 1.7 36.4 54.6#
89 1.3 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

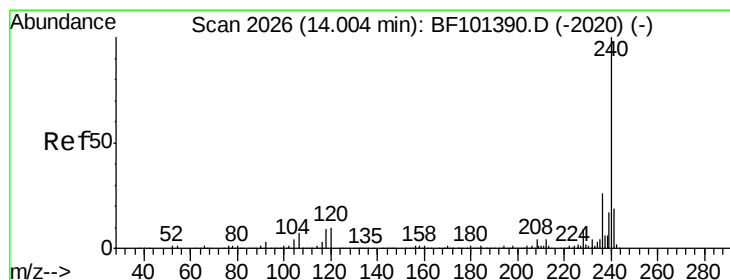
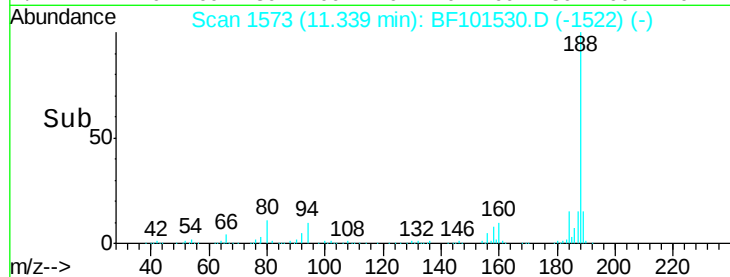
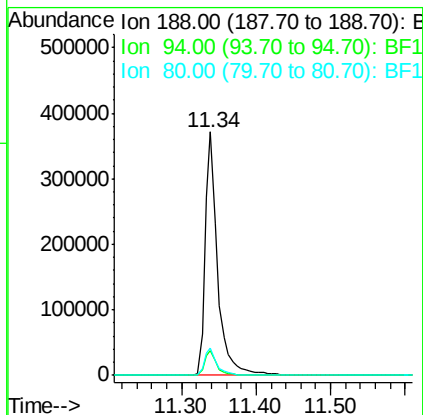
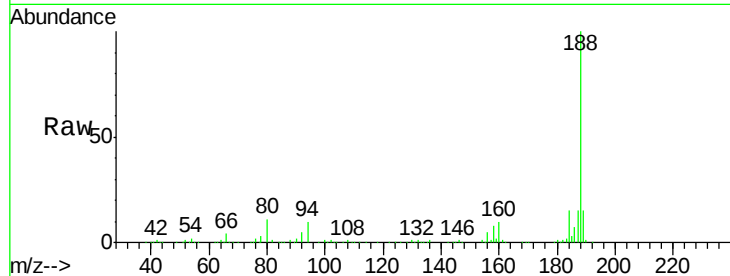




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF101530.D
Acq: 19 Dec 2017 18:48

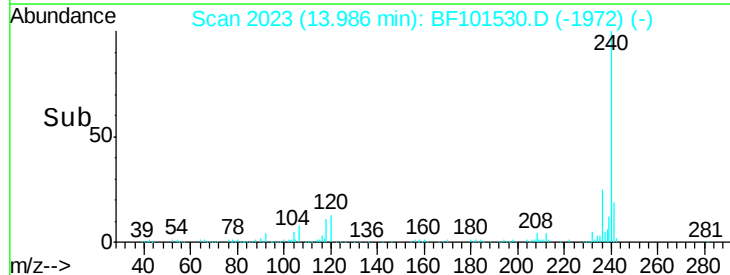
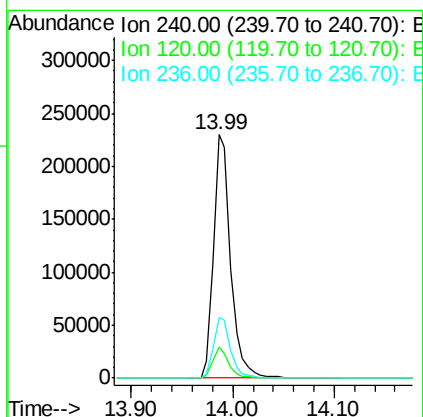
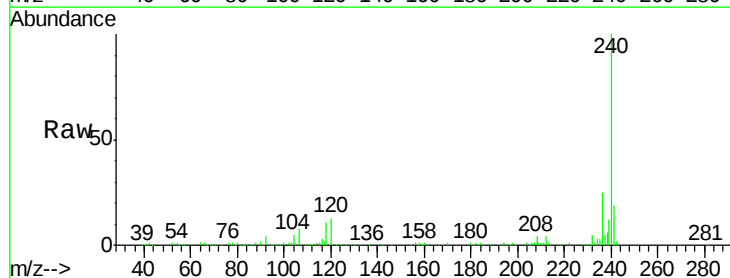
Instrument :
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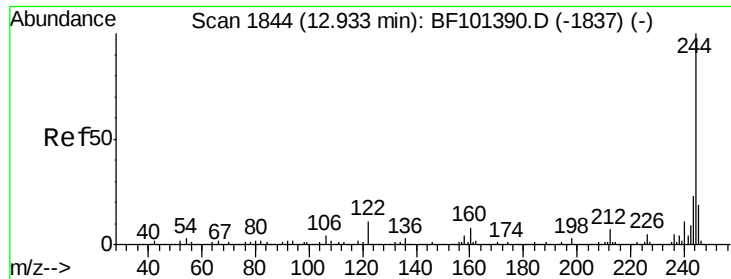
Tot Ion:188 Resp: 431974
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF101530.D
Acq: 19 Dec 2017 18:48

Tgt Ion:240 Resp: 268440
Ion Ratio Lower Upper
240 100
120 12.8 9.5 14.3
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 2.176 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101530.D

Acq: 19 Dec 2017 18:48

Instrument :

BNA_F

ClientSampleId :

DRUM-1-4

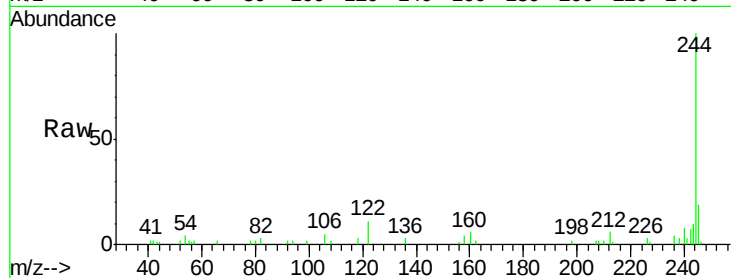
Tot Ion:244 Resp: 24235

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

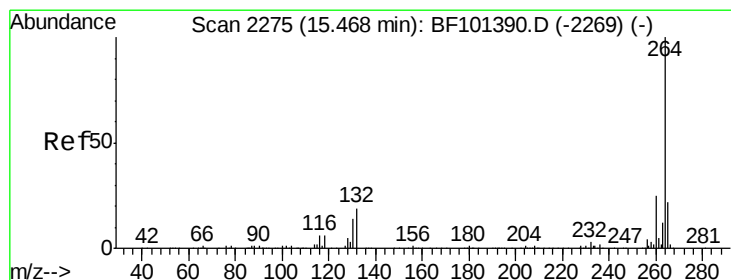
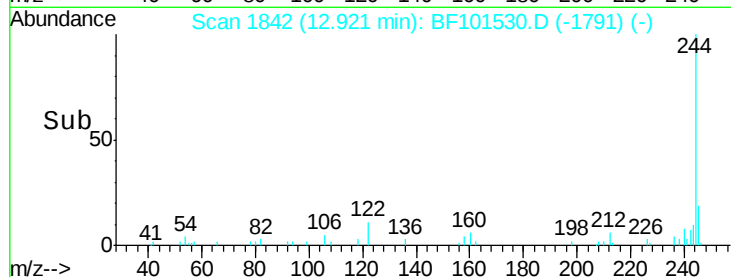
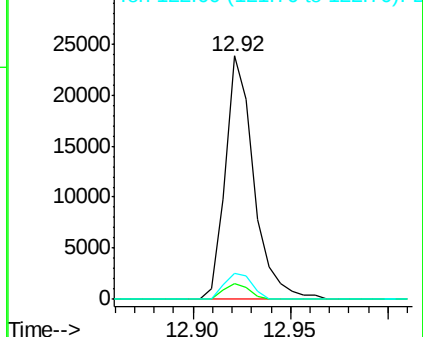
122 10.9 11.0 16.4#



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: 15.46 min Scan# 2274

Delta R.T. 0.01 min

Lab File: BF101530.D

Acq: 19 Dec 2017 18:48

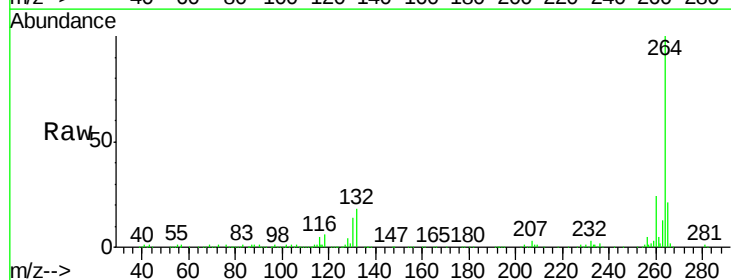
Tgt Ion:264 Resp: 312735

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.7 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

