

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072018\
 Data File : BF107543.D
 Acq On : 21 Jul 2018 00:03
 Operator : JU/SJ
 Sample : J4018-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

Quant Time: Jul 21 01:36:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	297598	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1216982	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	520857	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	886409	20.00	ng	0.00
75) Chrysene-d12	14.16	240	732786	20.00	ng	0.00
86) Perylene-d12	15.69	264	783339	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	69302	3.74	ng	0.00
7) Phenol-d6	6.61	99	69313	3.12	ng	0.00
23) Nitrobenzene-d5	7.54	82	164230	9.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	75525	12.75	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	397698	6.84	ng	0.00
78) Terphenyl-d14	13.09	244	280058	9.78	ng	-0.01

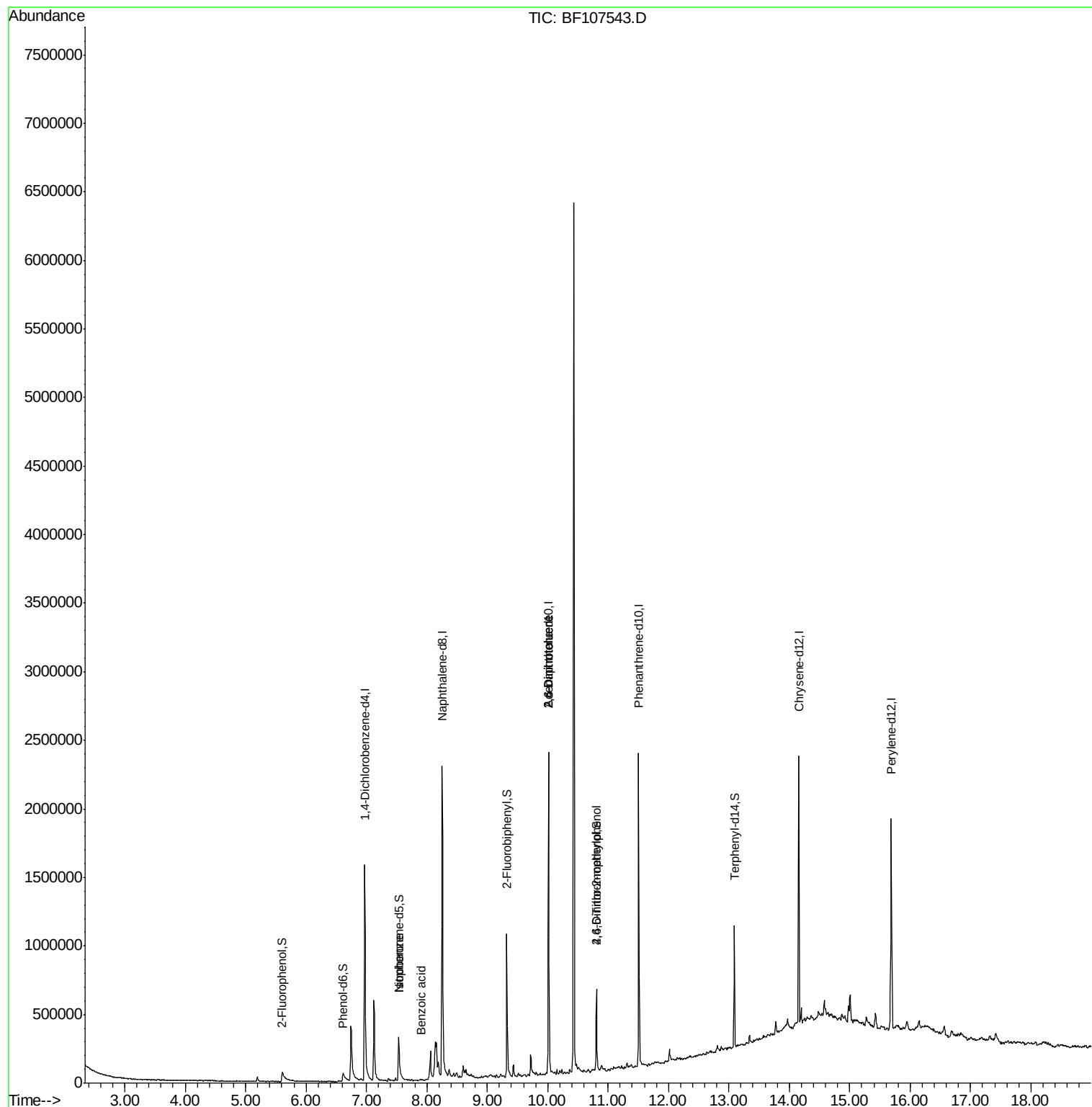
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	4404	Below Cal		88
25) Isophorone	7.54	82	164230	4.265 ng	#	65
32) Benzoic acid	7.91	122	106	7.907 ng	#	1
50) 2,6-Dinitrotoluene	10.01	165	67829	8.703 ng	#	26
56) 2,4-Dinitrotoluene	10.01	165	67829	7.210 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.80	198	745	8.823 ng	#	1
73) Di-n-butylphthalate	12.05	149	2888	Below Cal	#	71
81) 3,3'-Dichlorobenzidine	14.10	252	691	Below Cal	#	51

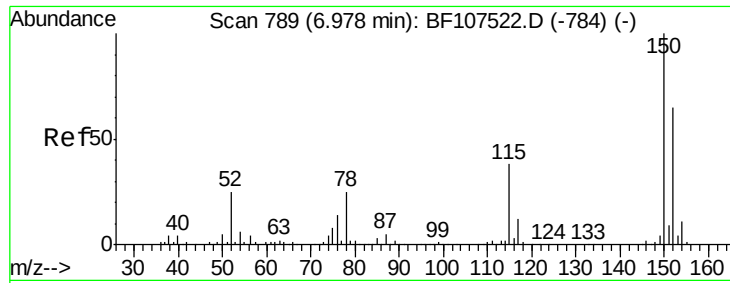
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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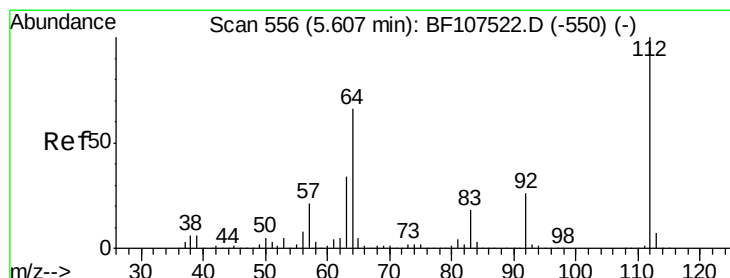
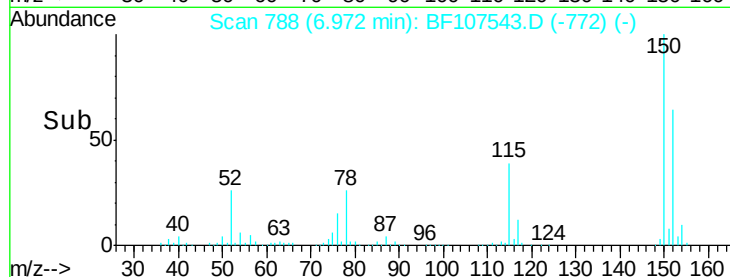
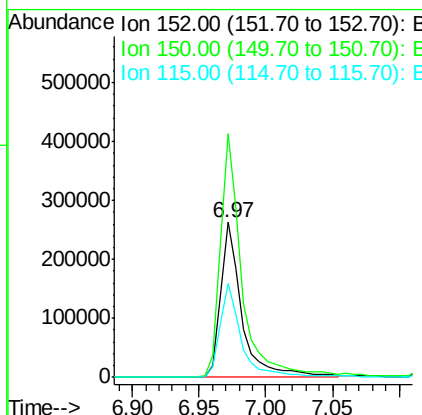
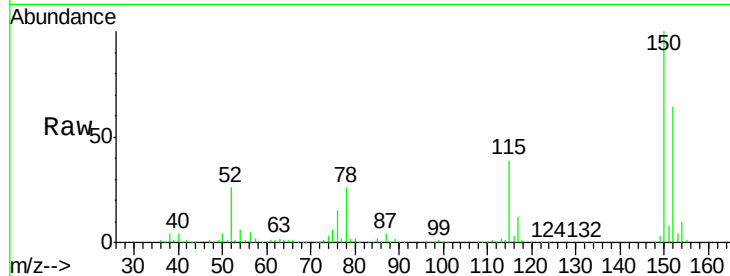


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

Instrument :
BNA_F
ClientSampled :
DRUM-3-4

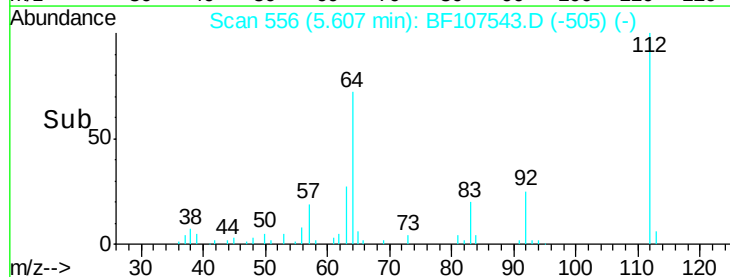
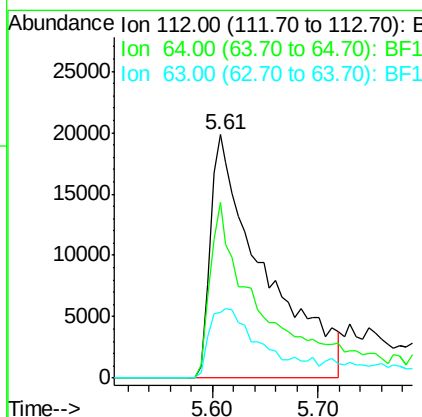
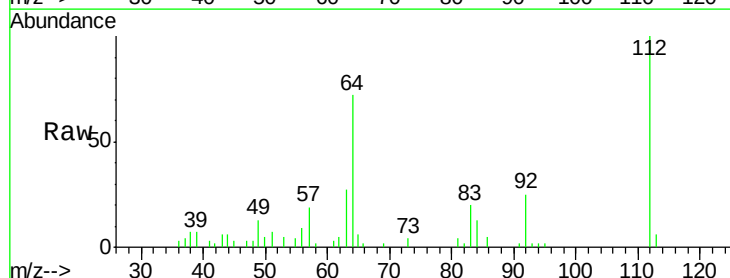
Tgt Ion:152 Resp: 297598
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 60.9 50.1 75.1

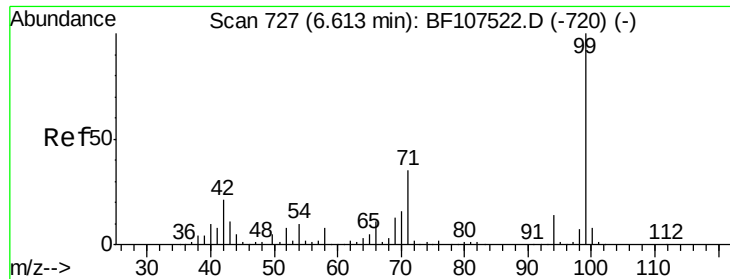


#5

2-Fluorophenol
Concen: 3.744 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

Tgt Ion:112 Resp: 69302
Ion Ratio Lower Upper
112 100
64 72.3 47.9 71.9#
63 26.8 23.7 35.5





#7

Phenol-d6

Concen: 3.119 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107543.D

Acq: 21 Jul 2018 00:03

Instrument :

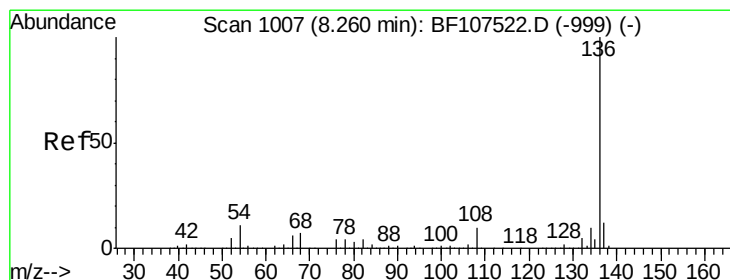
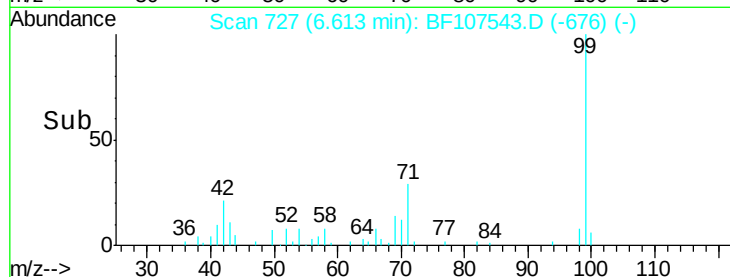
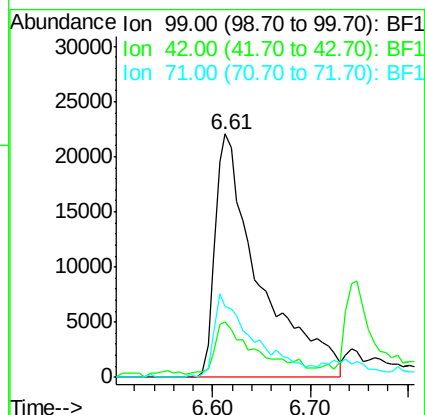
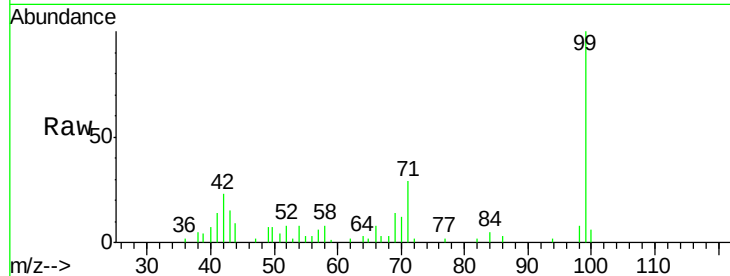
BNA_F

ClientSampleId :

DRUM-3-4

Tgt Ion: 99 Resp: 69313

Ion	Ratio	Lower	Upper
99	100		
42	22.7	14.5	21.7#
71	29.3	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

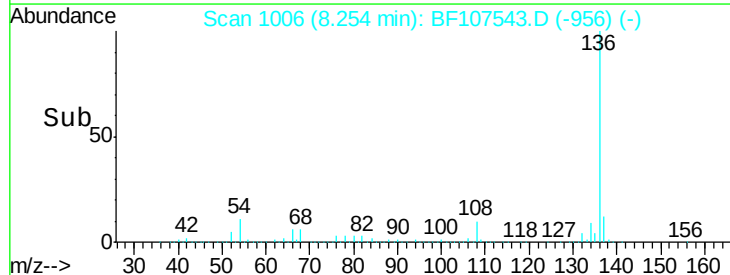
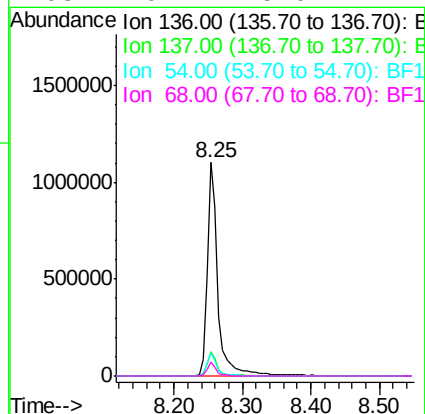
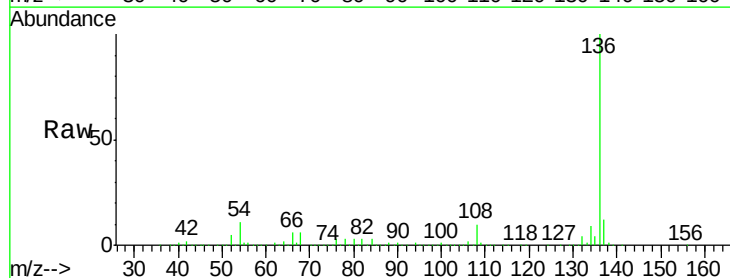
Delta R.T. -0.01 min

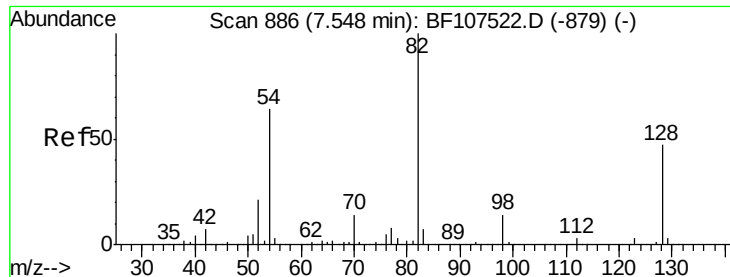
Lab File: BF107543.D

Acq: 21 Jul 2018 00:03

Tgt Ion: 136 Resp: 1216982

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	10.5	6.6	9.8#
68	6.4	5.0	7.4

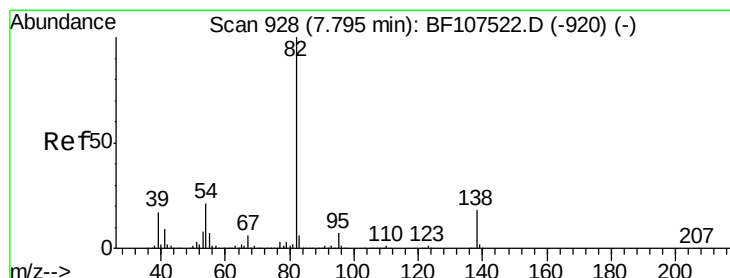
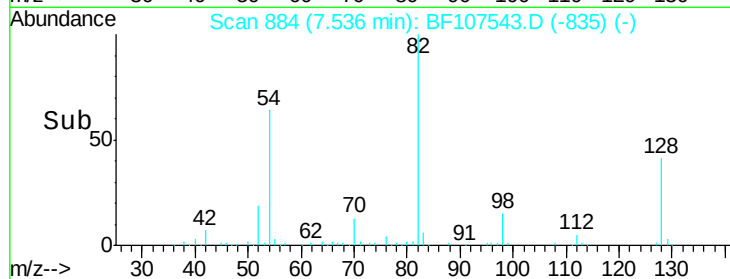
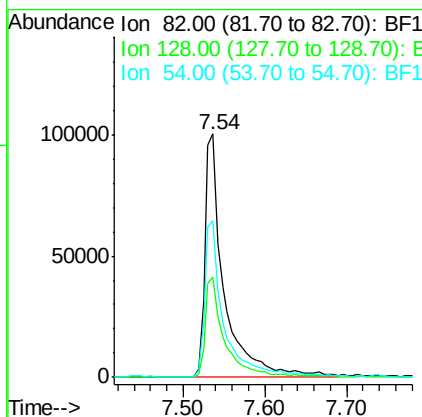
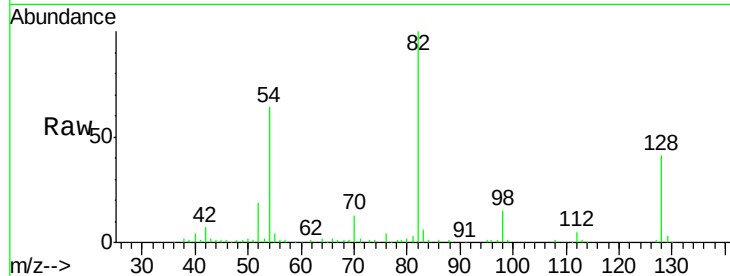




#23
 Nitrobenzene-d5
 Concen: 9.107 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107543.D
 Acq: 21 Jul 2018 00:03

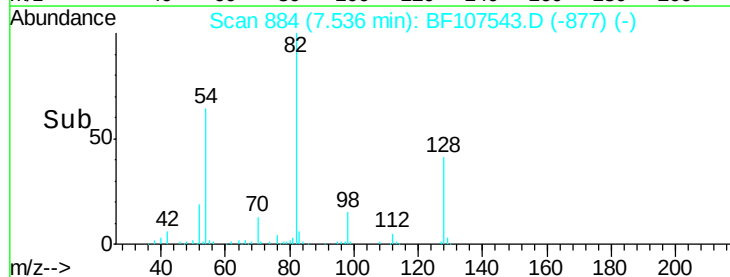
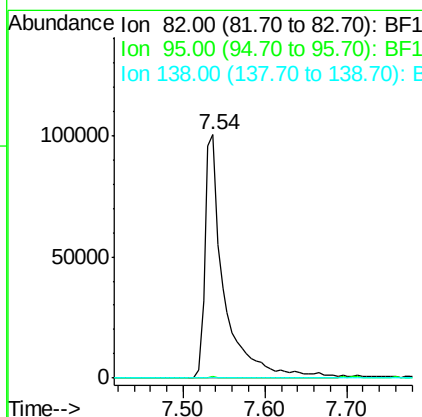
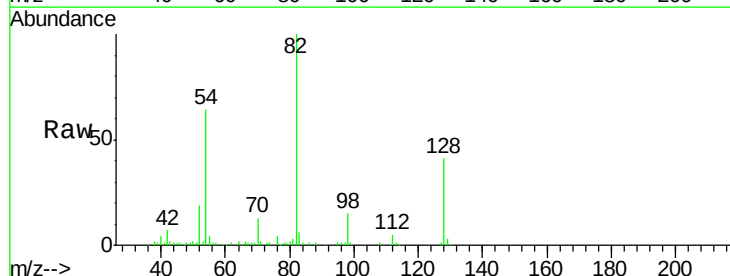
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

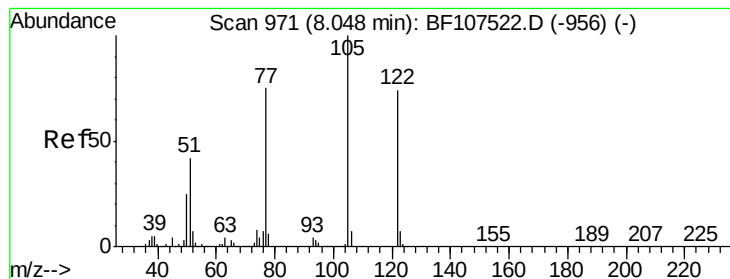
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	36.1	54.1
54	64.3	41.4	62.2#



#25
 Isophorone
 Concen: 4.265 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF107543.D
 Acq: 21 Jul 2018 00:03

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.2	7.8#
138	0.0	14.9	22.3#





#32

Benzoic acid

Concen: 7.907 ng

RT: 7.91 min Scan# 947

Delta R.T. -0.14 min

Lab File: BF107543.D

Acq: 21 Jul 2018 00:03

Instrument :

BNA_F

ClientSampleId :

DRUM-3-4

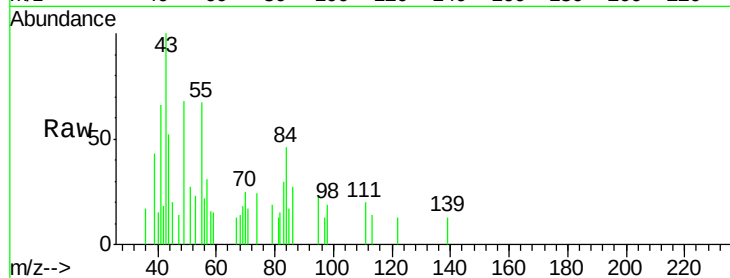
Tgt Ion:122 Resp: 106

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

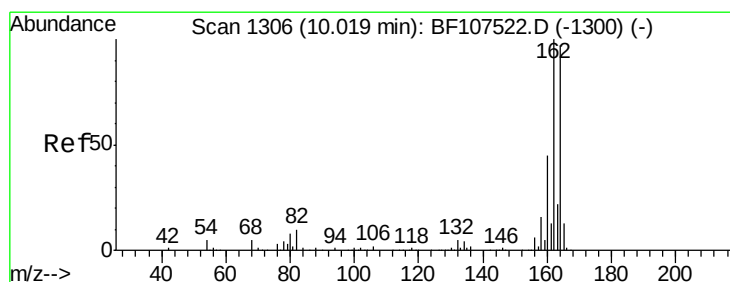
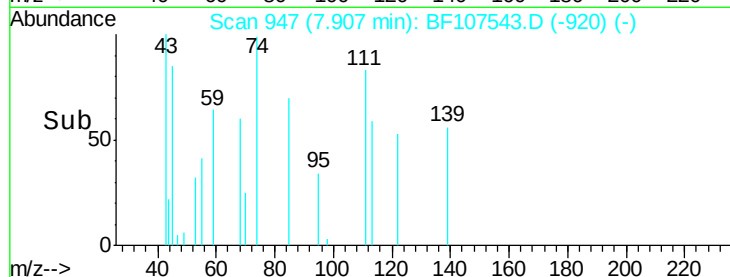
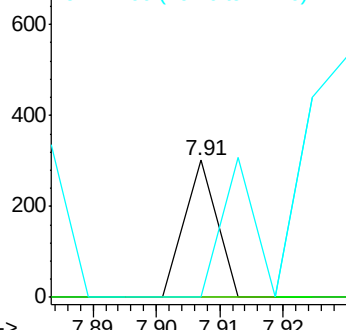
77 0.0 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF107543.D

Acq: 21 Jul 2018 00:03

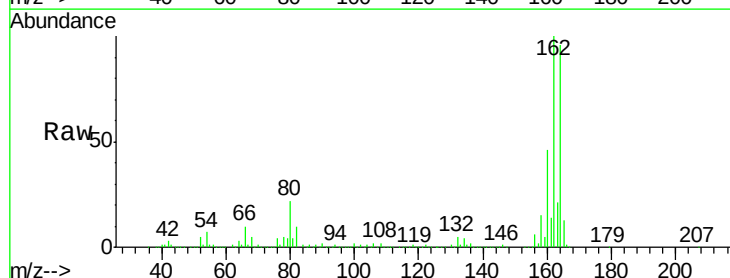
Tgt Ion:164 Resp: 520857

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

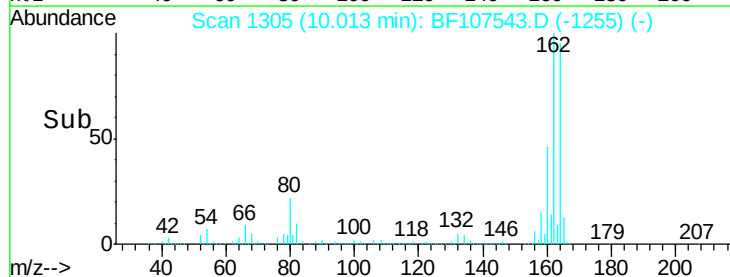
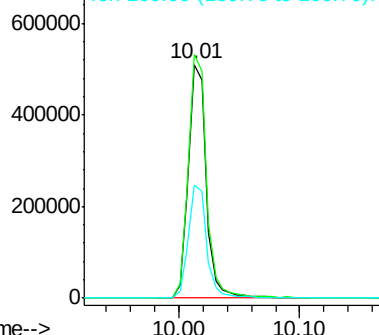
160 48.2 38.3 57.5

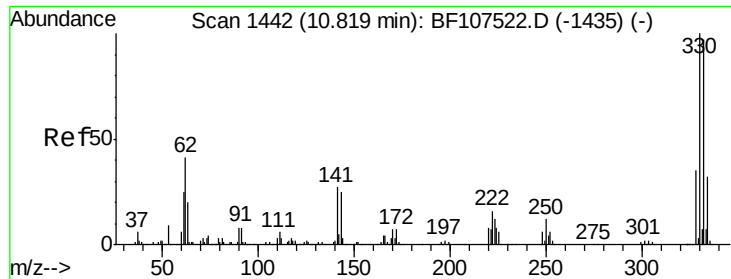


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

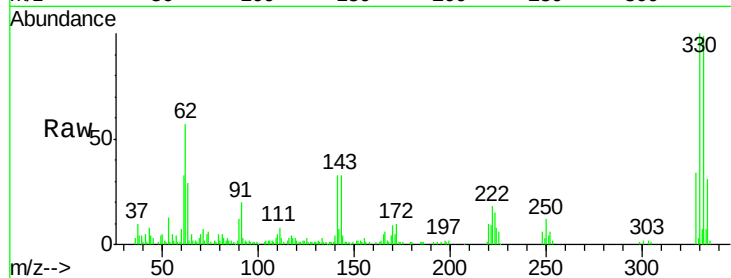




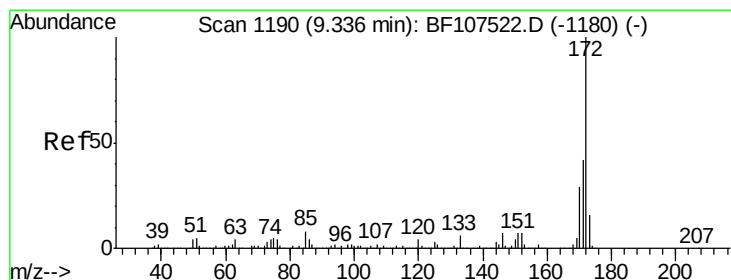
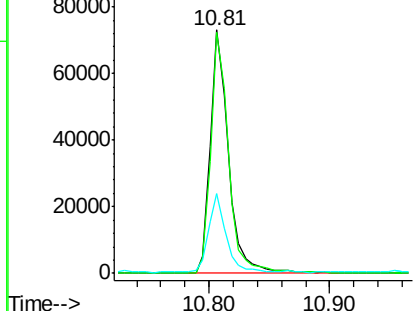
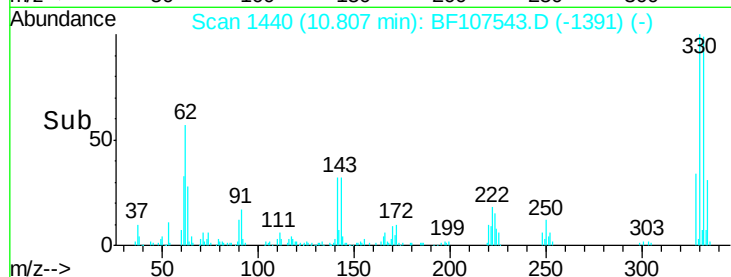
#41
 2,4,6-Tribromophenol
 Concen: 12.751 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107543.D
 Acq: 21 Jul 2018 00:03

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-3-4

Tgt Ion:330 Resp: 75525
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 31.4 29.9 44.9

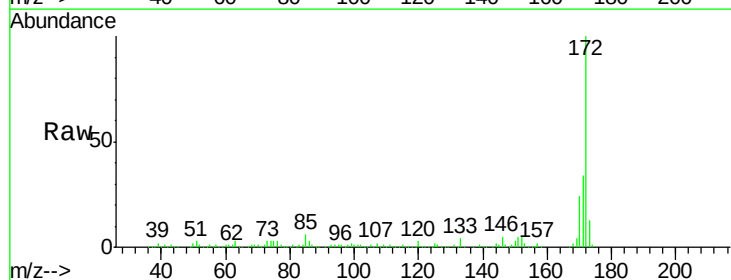


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

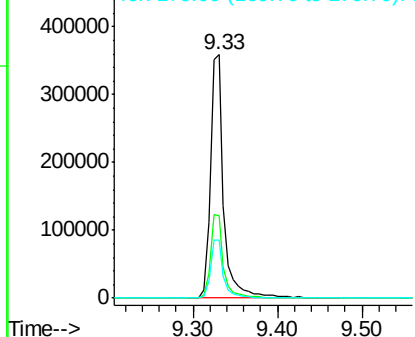
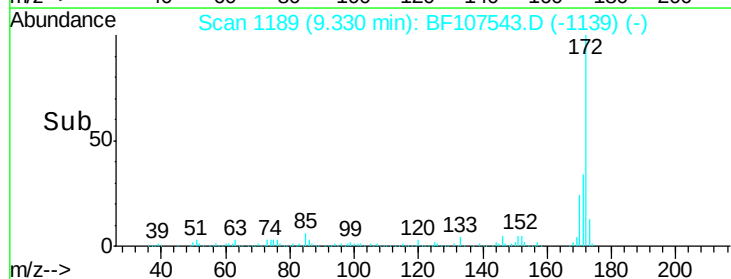


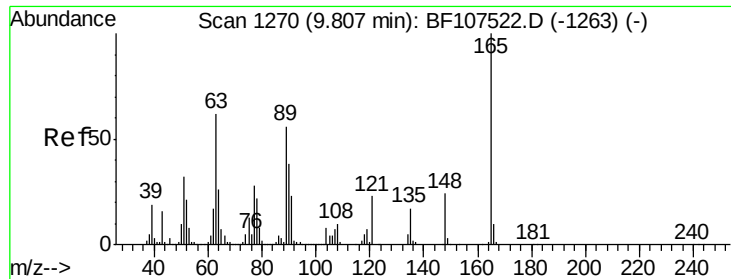
#44
 2-Fluorobiphenyl
 Concen: 6.840 ng
 RT: 9.33 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF107543.D
 Acq: 21 Jul 2018 00:03

Tgt Ion:172 Resp: 397698
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.7 44.5
 170 23.9 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

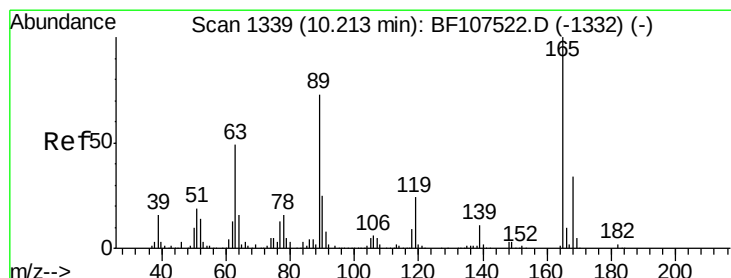
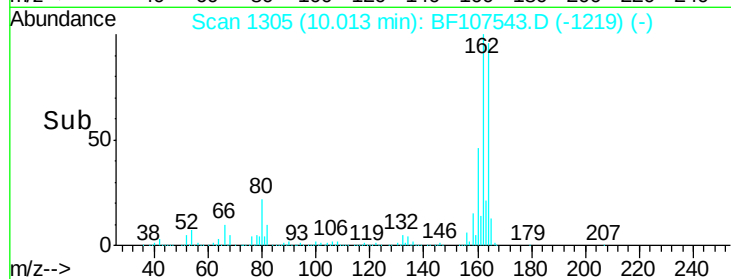
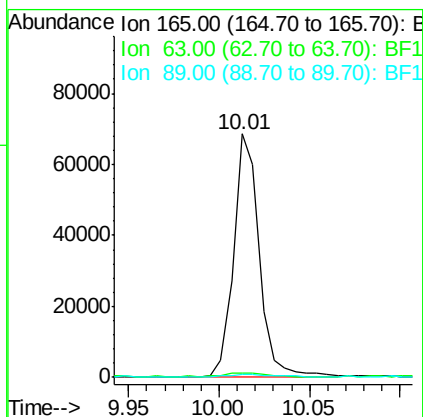
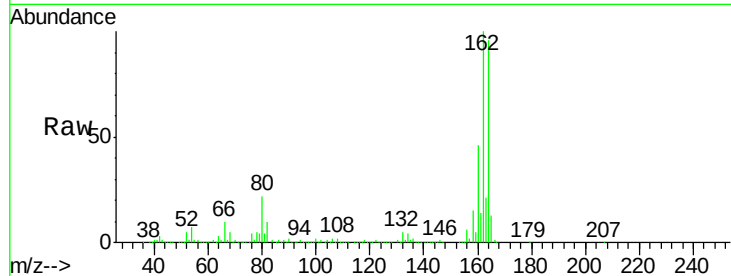




#50
2,6-Dinitrotoluene
Concen: 8.703 ng
RT: 10.01 min Scan# 1305
Delta R.T. 0.21 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

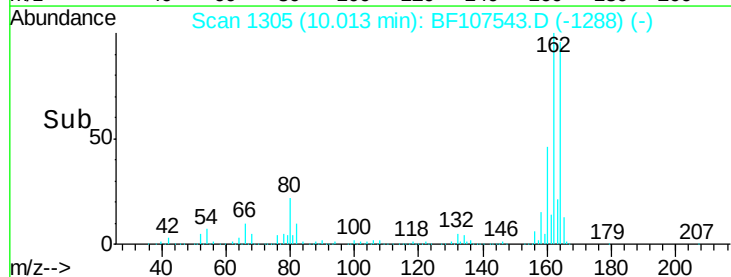
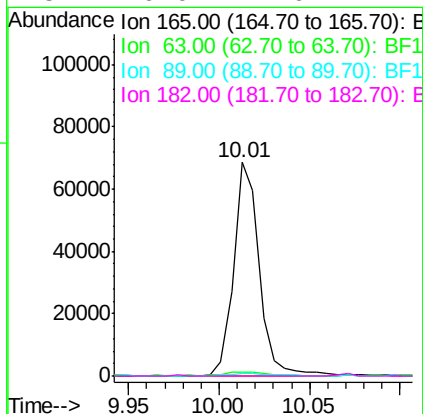
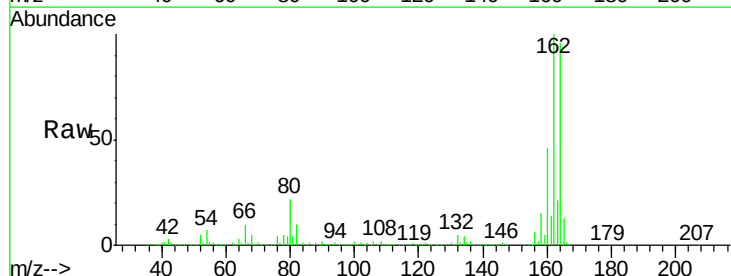
Instrument :
BNA_F
ClientSampleId :
DRUM-3-4

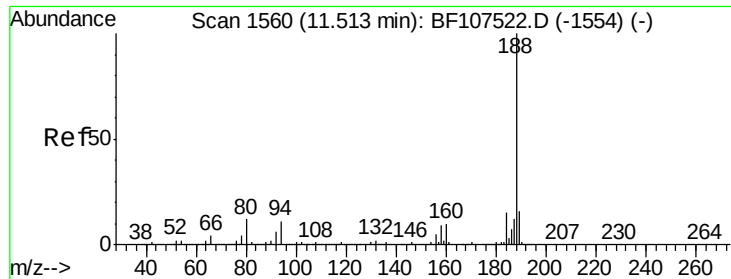
Tgt Ion:165 Resp: 67829
Ion Ratio Lower Upper
165 100
63 2.0 44.7 67.1#
89 1.4 44.0 66.0#



#56
2,4-Dinitrotoluene
Concen: 7.210 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.20 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

Tgt Ion:165 Resp: 67829
Ion Ratio Lower Upper
165 100
63 2.0 36.4 54.6#
89 1.4 57.8 86.6#
182 0.0 1.6 2.4#

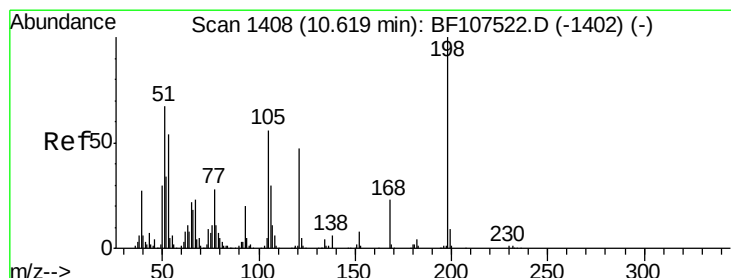
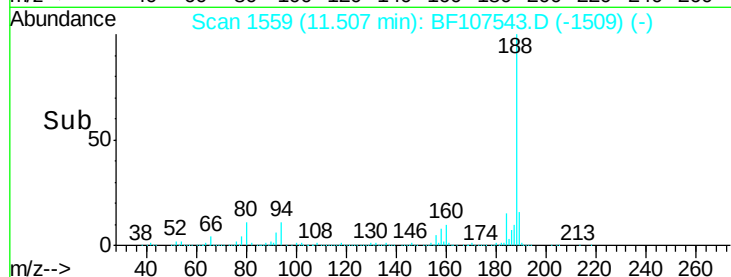
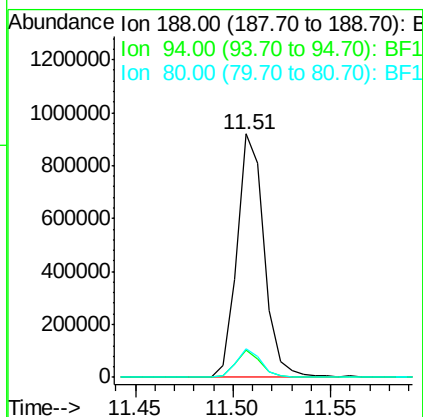
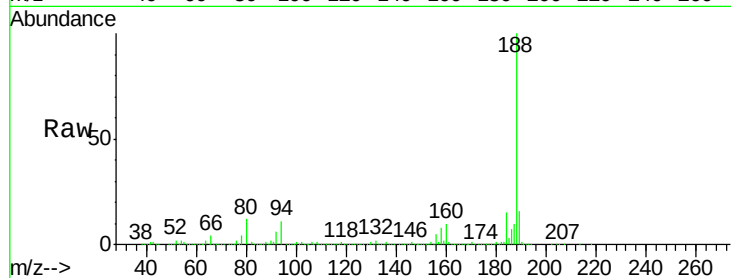




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

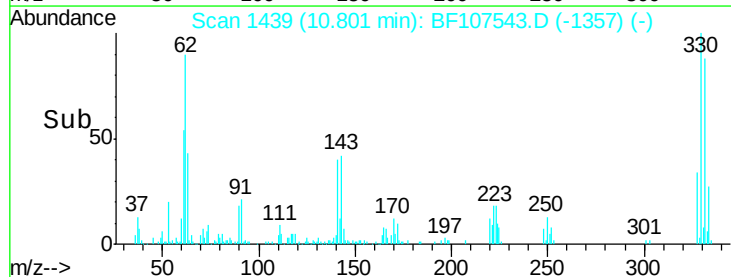
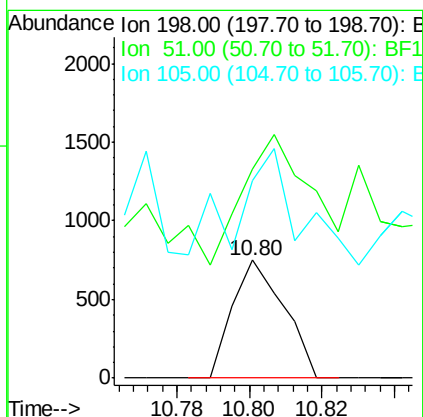
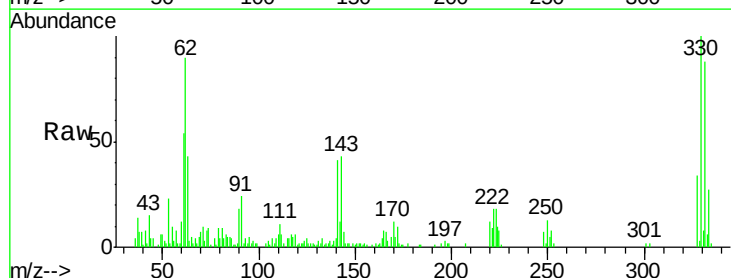
Instrument :
BNA_F
ClientSampleId :
DRUM-3-4

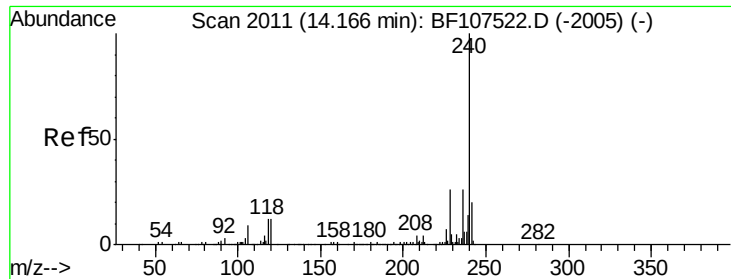
Tgt Ion:188 Resp: 886409
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 8.823 ng
RT: 10.80 min Scan# 1439
Delta R.T. 0.18 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

Tgt Ion:198 Resp: 745
Ion Ratio Lower Upper
198 100
51 177.8 37.7 77.7#
105 168.0 36.3 76.3#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107543.D

Acq: 21 Jul 2018 00:03

Instrument :

BNA_F

ClientSampleId :

DRUM-3-4

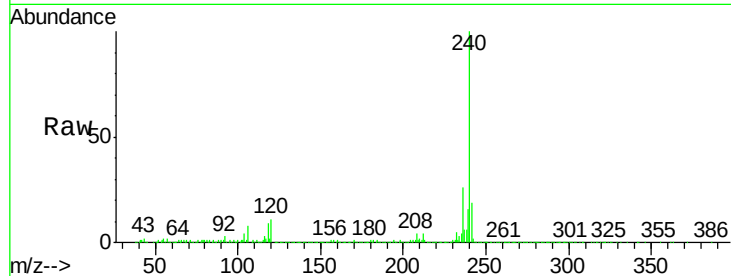
Tgt Ion:240 Resp: 732786

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

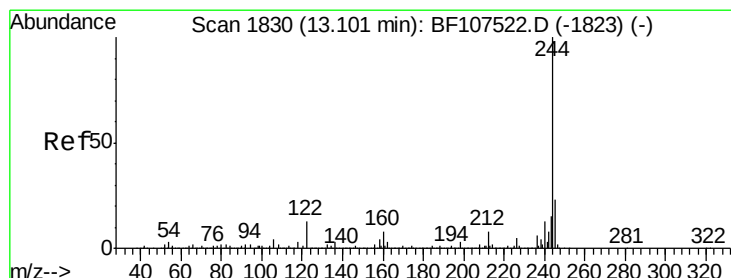
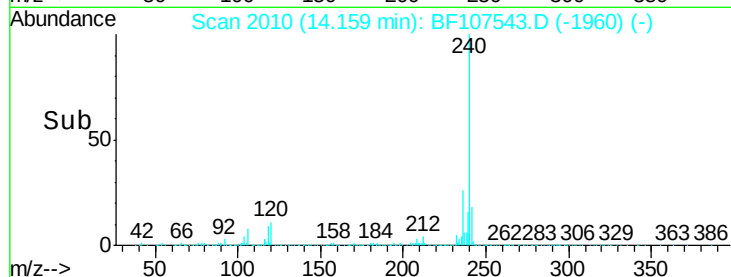
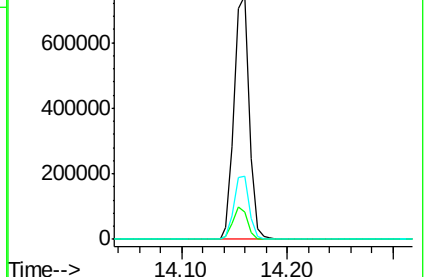
236 25.9 20.7 31.1



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: 9.784 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107543.D

Acq: 21 Jul 2018 00:03

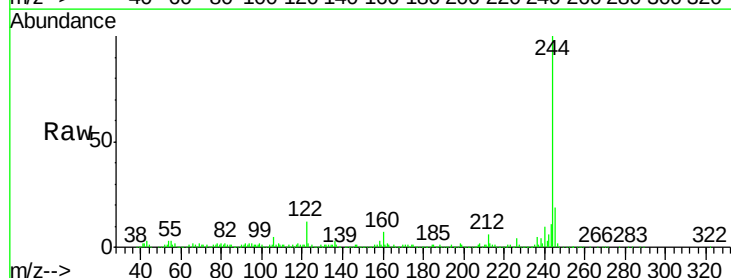
Tgt Ion:244 Resp: 280058

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

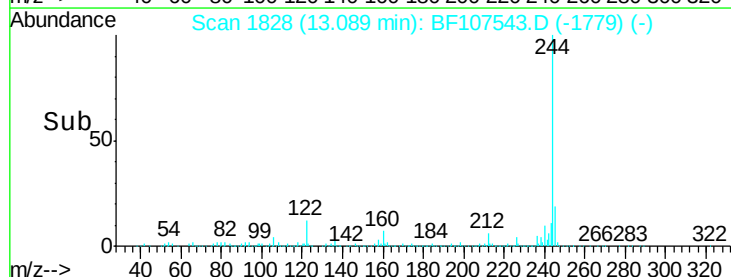
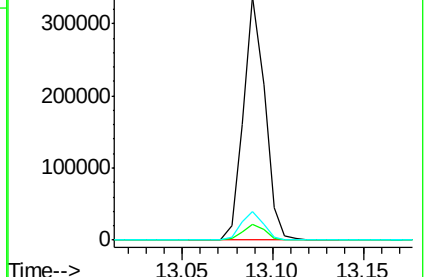
122 11.8 11.0 16.4

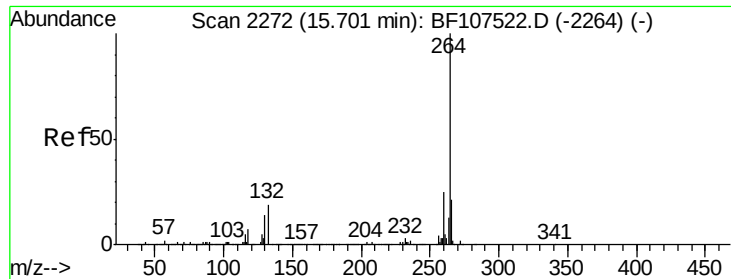


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

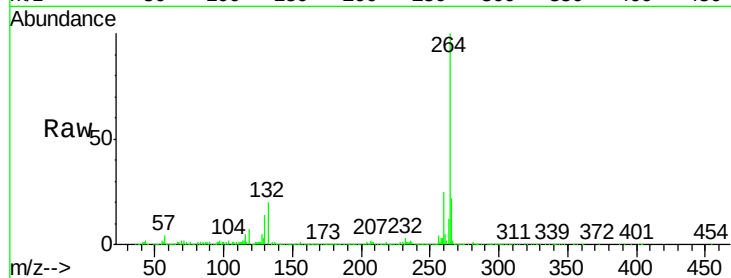




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107543.D
Acq: 21 Jul 2018 00:03

Instrument :
BNA_F
ClientSampleId :
DRUM-3-4

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.6	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

