

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082818\
 Data File : BF108564.D
 Acq On : 28 Aug 2018 19:12
 Operator : JU/SJ
 Sample : J4671-01 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TL-SPEEDY-DRY

Quant Time: Aug 29 01:34:27 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

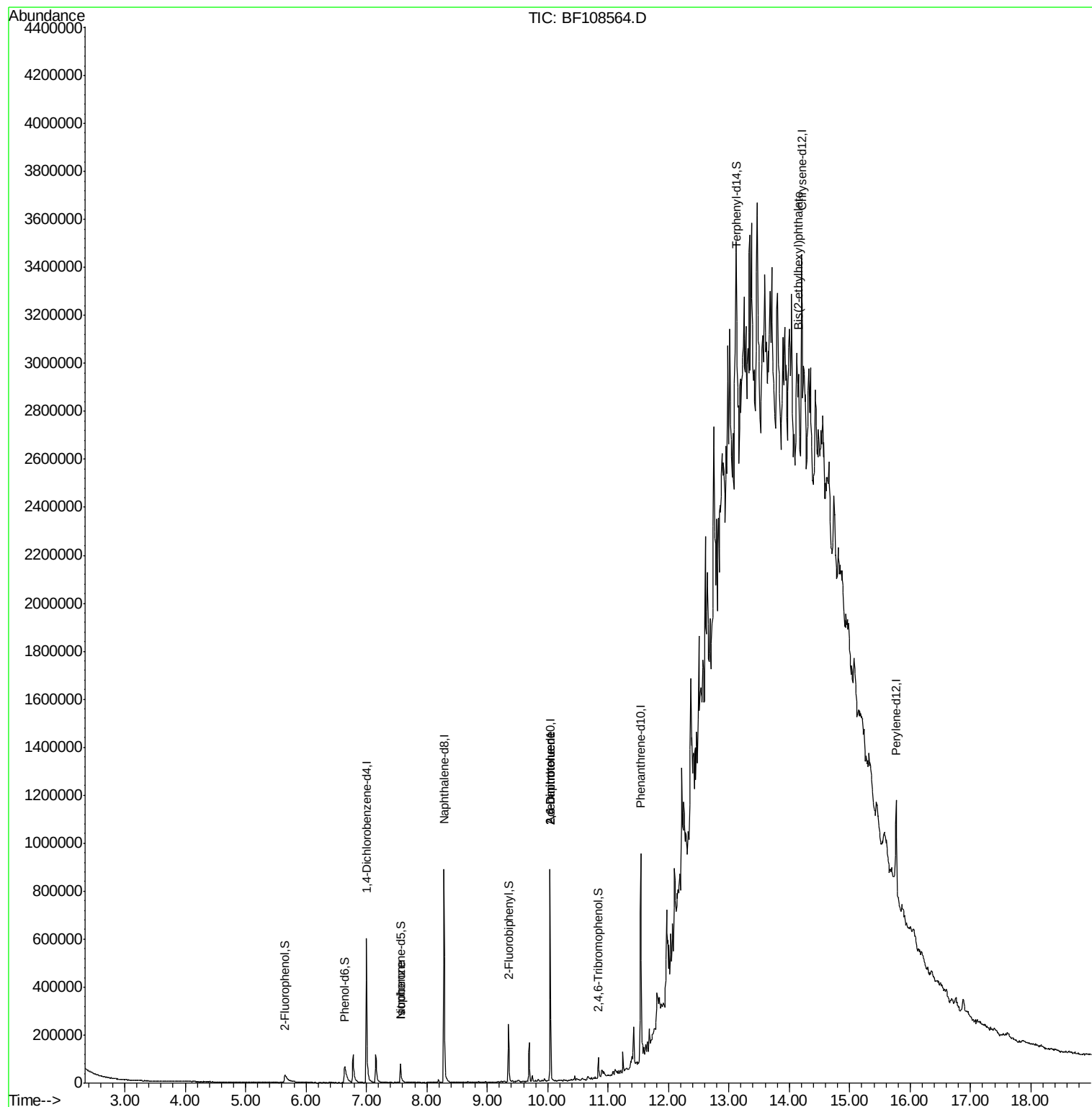
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	110233	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	418432	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	178970	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	296092	20.00	ng	0.00
75) Chrysene-d12	14.21	240	238750	20.00	ng	0.00
86) Perylene-d12	15.77	264	209174	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	41821	6.87	ng	0.03
7) Phenol-d6	6.64	99	66922	8.27	ng	0.01
23) Nitrobenzene-d5	7.57	82	40611	5.42	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	12509	7.01	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	79120	7.10	ng	-0.01
78) Terphenyl-d14	13.13	244	53835	5.73	ng	0.00
Target Compounds						
25) Isophorone	7.57	82	40611	2.841	ng	# 64
50) 2,6-Dinitrotoluene	10.04	165	23096	8.855	ng	# 25
56) 2,4-Dinitrotoluene	10.04	165	23096	6.879	ng	# 23
83) Bis(2-ethylhexyl)phthalate	14.15	149	20633	2.539	ng	# 82

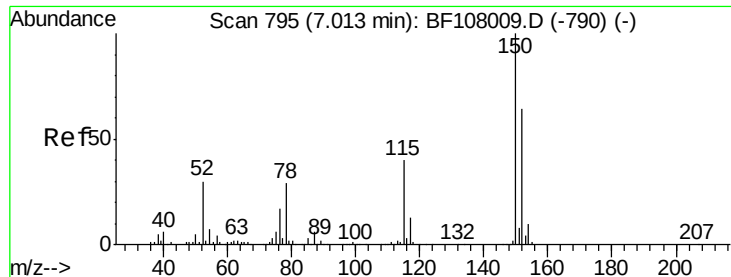
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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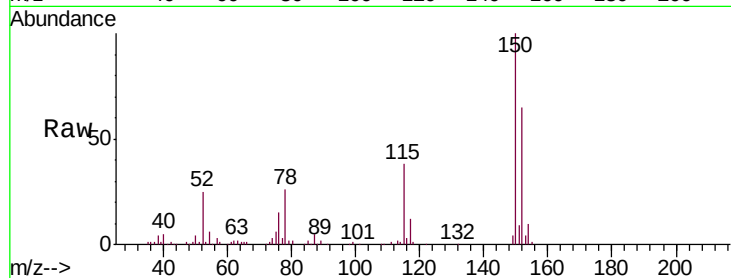


#1

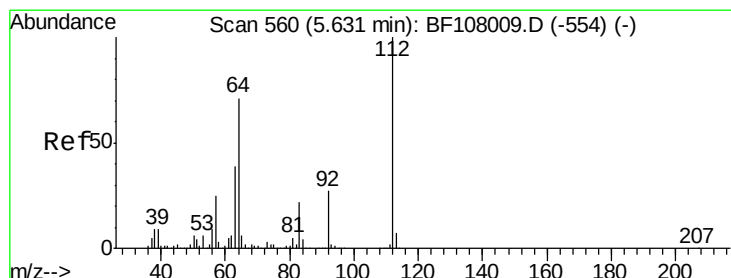
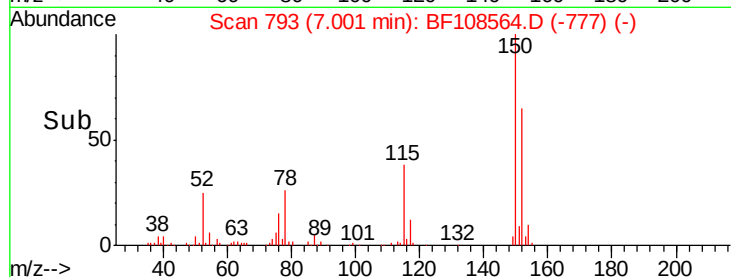
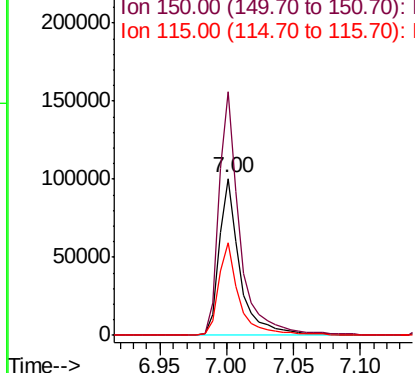
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108564.D
Acq: 28 Aug 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TL-SPEEDY-DRY

Tgt Ion:152 Resp: 110233
Ion Ratio Lower Upper
152 100
150 154.9 124.6 186.8
115 59.2 50.1 75.1



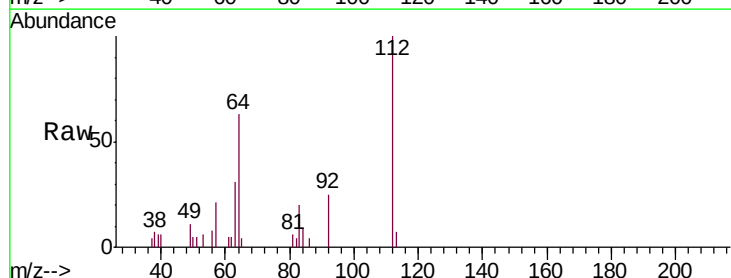
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



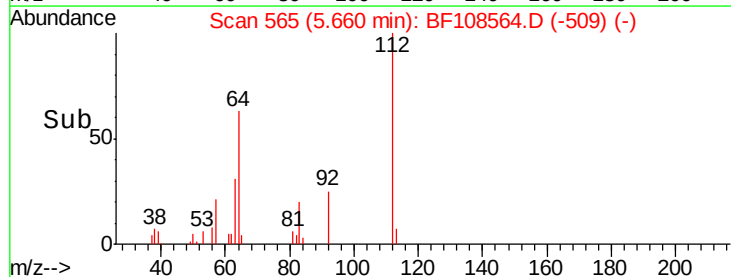
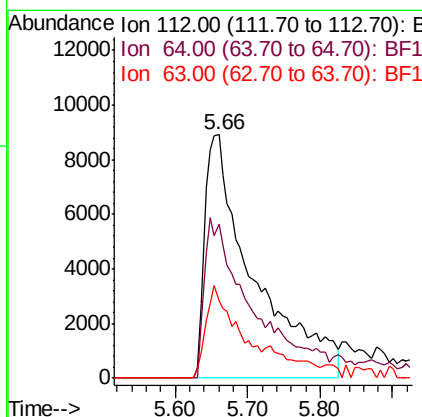
#5

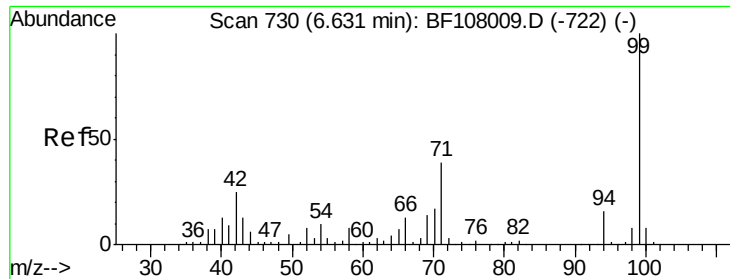
2-Fluorophenol
Concen: 6.869 ng
RT: 5.66 min Scan# 565
Delta R.T. 0.03 min
Lab File: BF108564.D
Acq: 28 Aug 2018 19:12

Tgt Ion:112 Resp: 41821
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 31.5 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: 8.271 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108564.D

Acq: 28 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

TL-SPEEDY-DRY

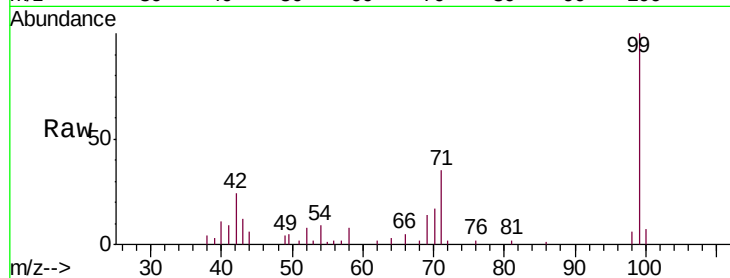
Tgt Ion: 99 Resp: 66922

Ion Ratio Lower Upper

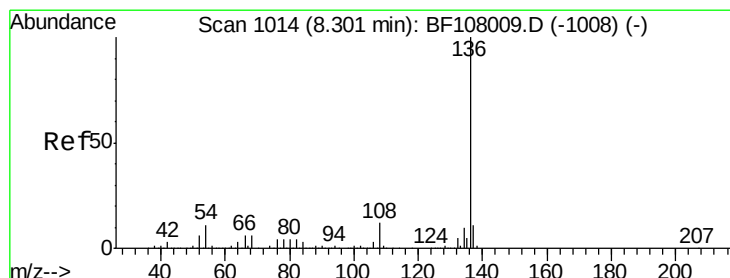
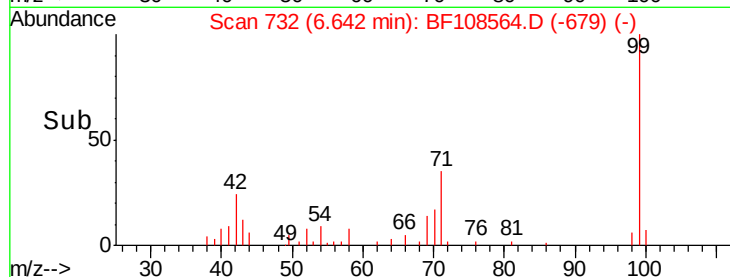
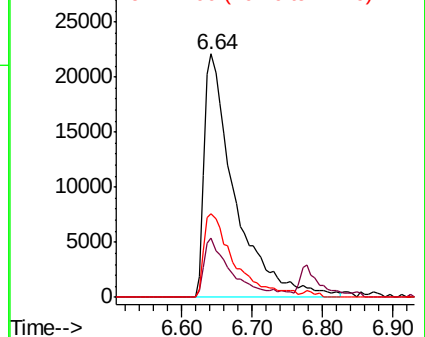
99 100

42 24.2 14.5 21.7#

71 34.6 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: 8.28 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BF108564.D

Acq: 28 Aug 2018 19:12

Tgt Ion: 136 Resp: 418432

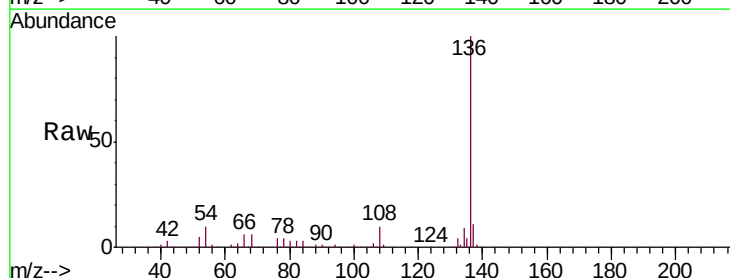
Ion Ratio Lower Upper

136 100

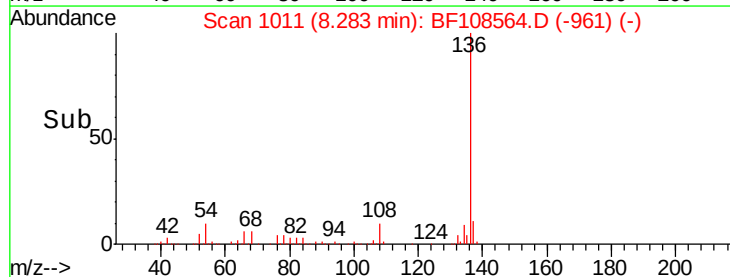
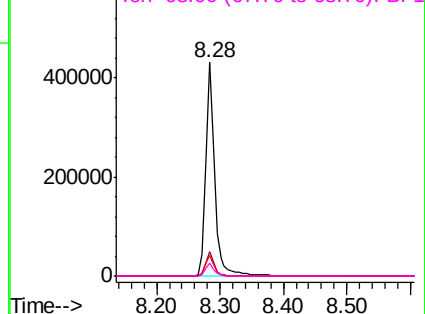
137 11.3 8.9 13.3

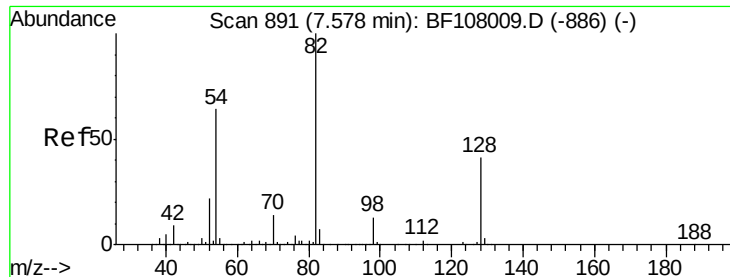
54 9.5 6.6 9.8

68 5.8 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

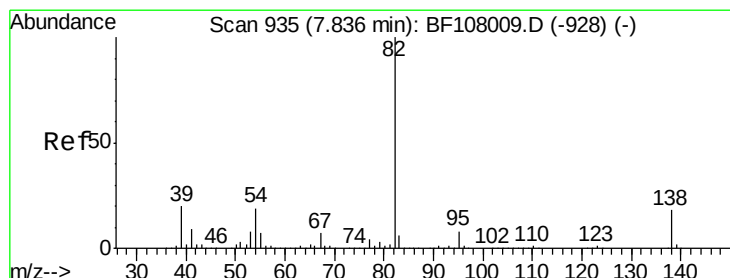
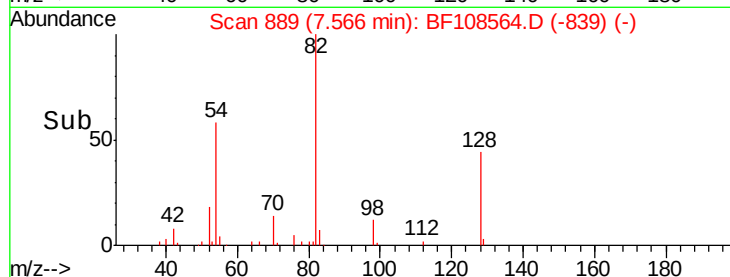
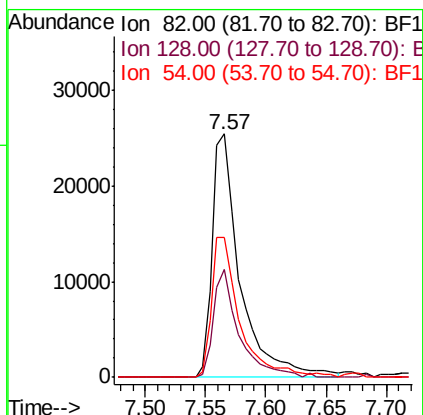
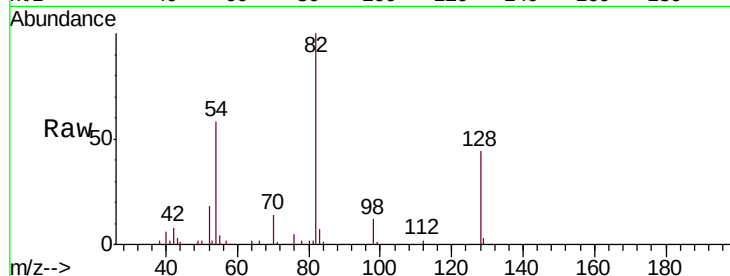




#23
 Nitrobenzene-d5
 Concen: 5.416 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108564.D
 Acq: 28 Aug 2018 19:12

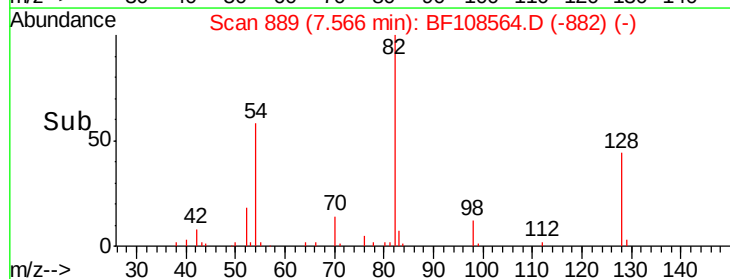
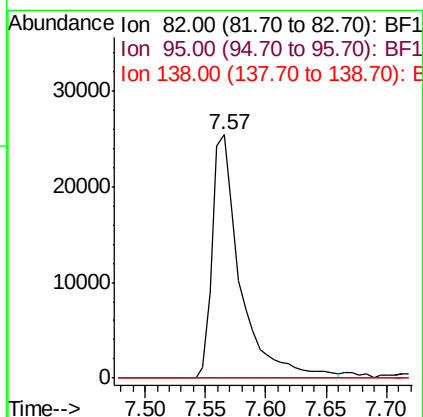
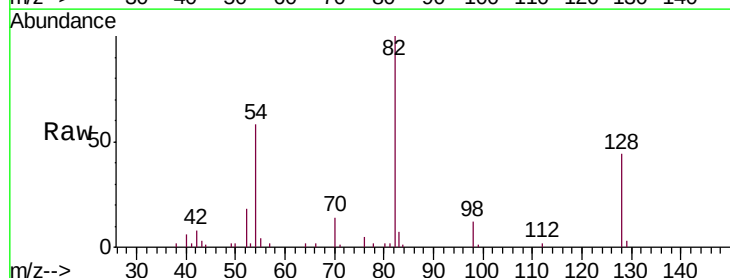
Instrument :
 BNA_F
 ClientSampleId :
 TL-SPEEDY-DRY

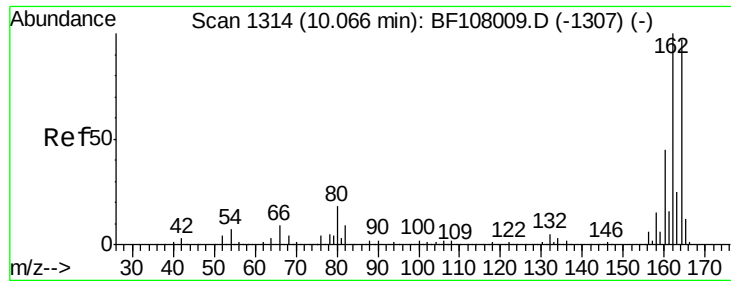
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.4	36.1	54.1
54	57.6	41.4	62.2



#25
 Isophorone
 Concen: 2.841 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.26 min
 Lab File: BF108564.D
 Acq: 28 Aug 2018 19:12

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

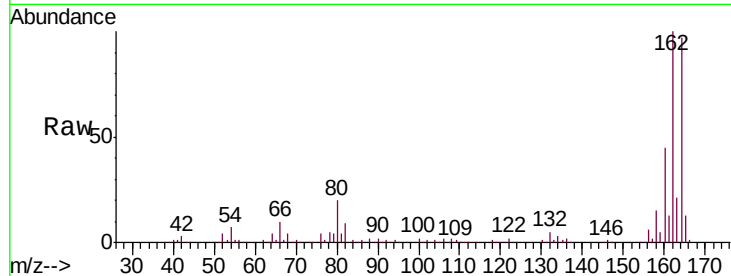




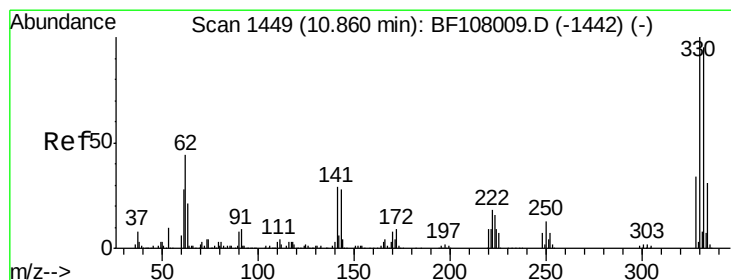
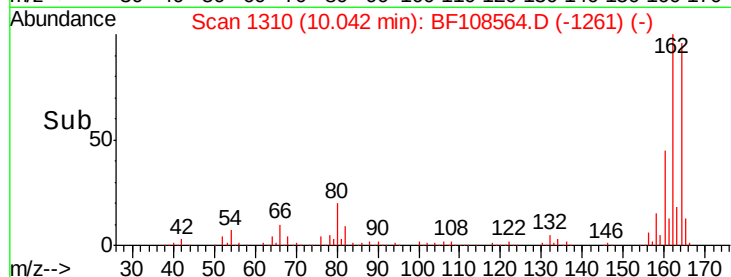
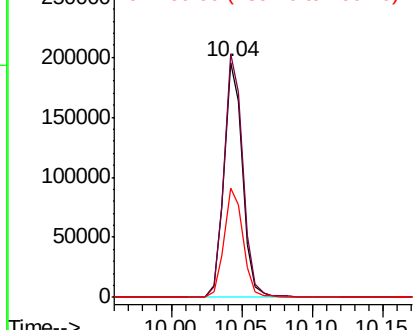
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108564.D
Acq: 28 Aug 2018 19:12

Instrument :
BNA_F
ClientSampleId :
TL-SPEEDY-DRY

Tgt Ion:164 Resp: 178970
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 46.5 38.3 57.5

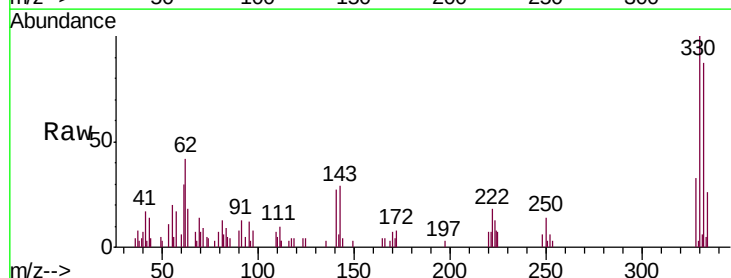


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

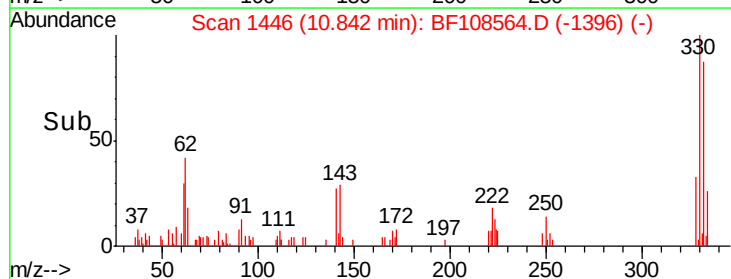
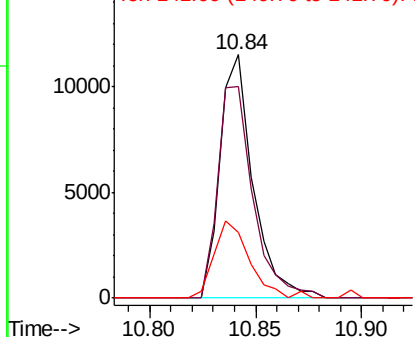


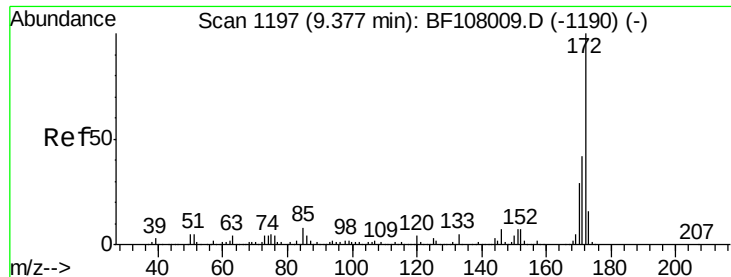
#41
2,4,6-Tribromophenol
Concen: 7.007 ng
RT: 10.84 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF108564.D
Acq: 28 Aug 2018 19:12

Tgt Ion:330 Resp: 12509
Ion Ratio Lower Upper
330 100
332 93.4 77.0 115.6
141 34.4 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: 7.098 ng

RT: 9.35 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF108564.D

Acq: 28 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

TL-SPEEDY-DRY

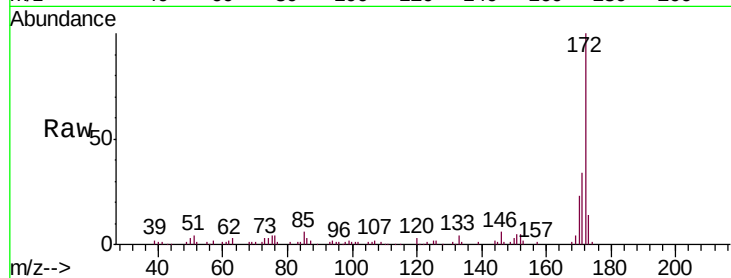
Tgt Ion:172 Resp: 79120

Ion Ratio Lower Upper

172 100

171 34.2 29.7 44.5

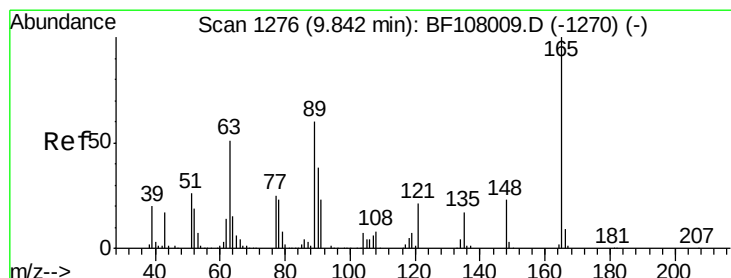
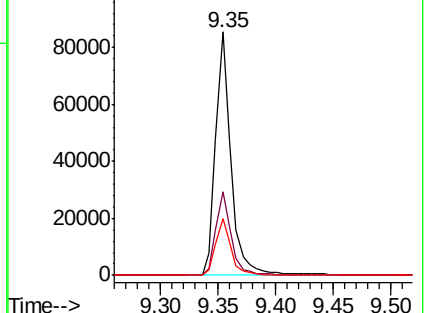
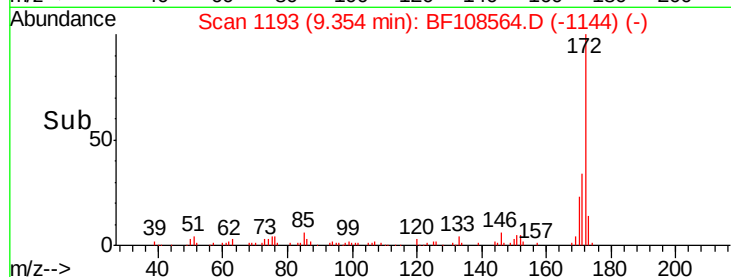
170 23.1 19.6 29.4



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: 8.855 ng

RT: 10.04 min Scan# 1310

Delta R.T. 0.21 min

Lab File: BF108564.D

Acq: 28 Aug 2018 19:12

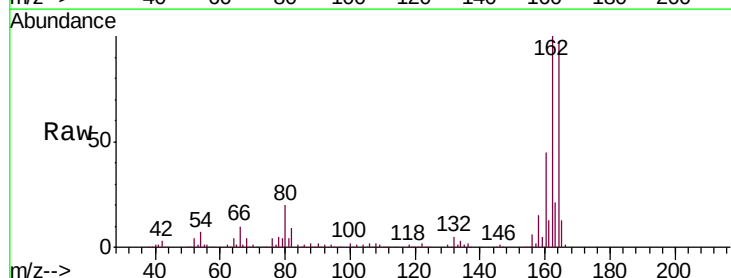
Tgt Ion:165 Resp: 23096

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

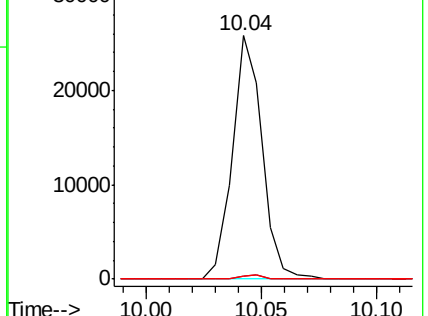
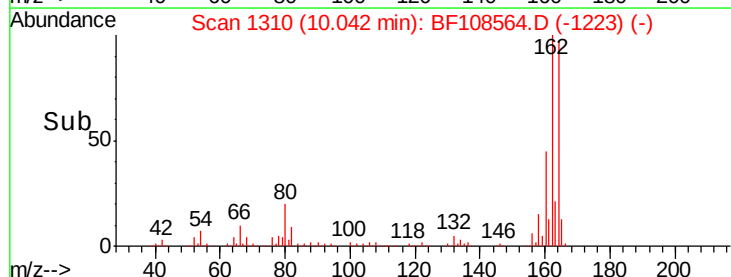
89 1.2 44.0 66.0#

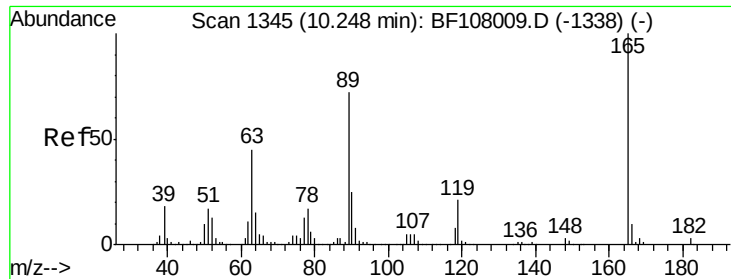


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

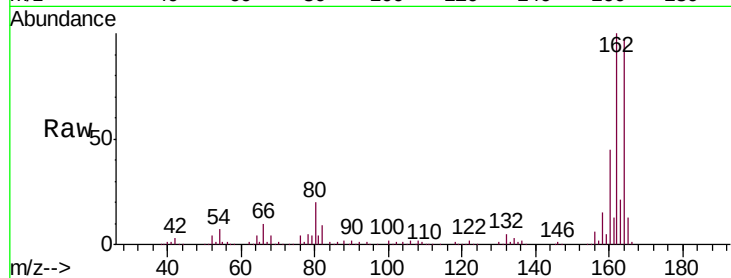




#56
 2,4-Dinitrotoluene
 Concen: 6.879 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108564.D
 Acq: 28 Aug 2018 19:12

Instrument :
 BNA_F
 ClientSampleId :
 TL-SPEEDY-DRY

Tgt Ion:	165	Resp:	23096
Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#

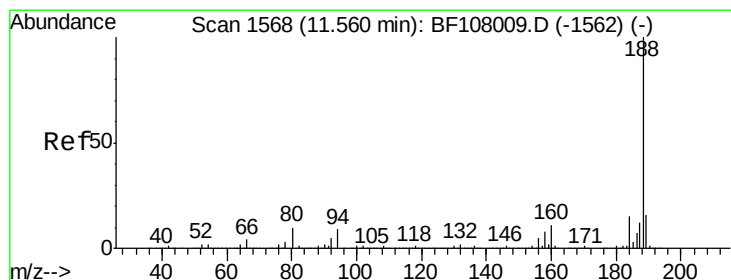
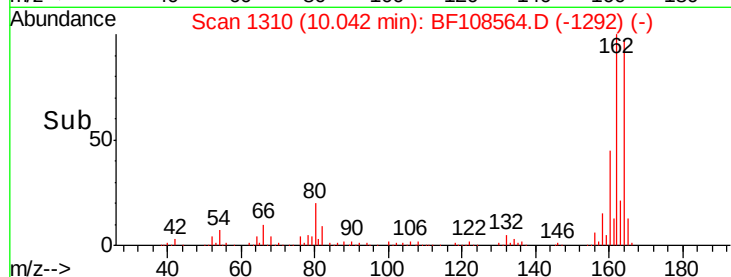
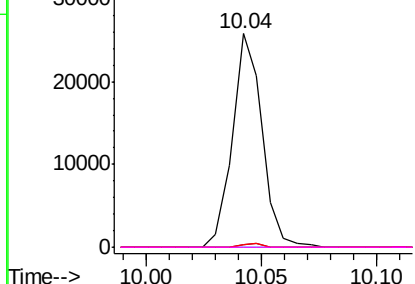


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

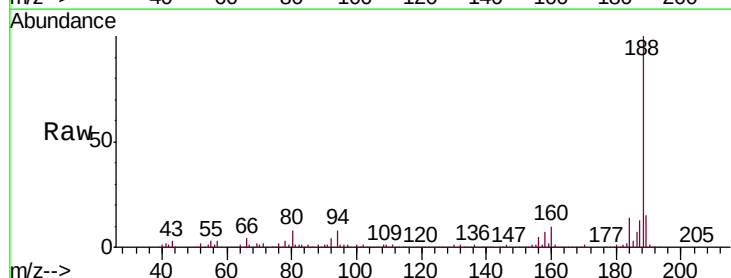
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108564.D
 Acq: 28 Aug 2018 19:12

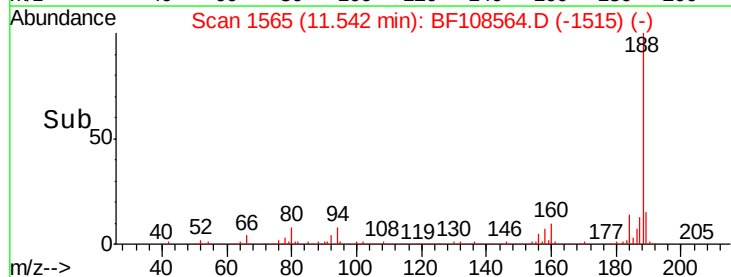
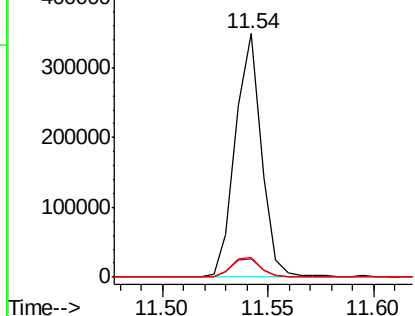
Tgt Ion:	188	Resp:	296092
Ion	Ratio	Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.3	9.2	13.8#

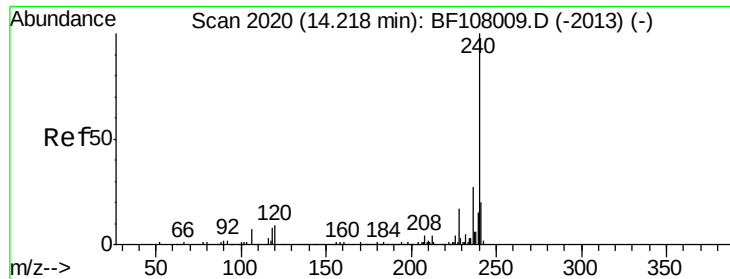


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF108564.D

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TL-SPEEDY-DRY

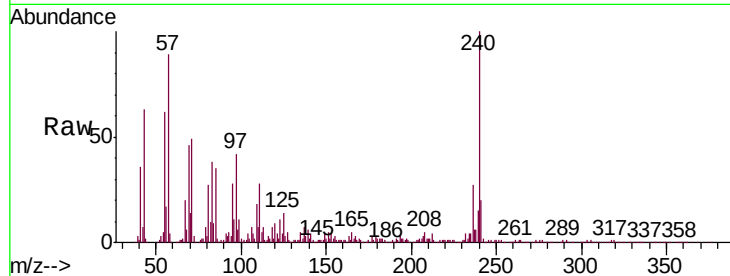
Tgt Ion:240 Resp: 238750

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

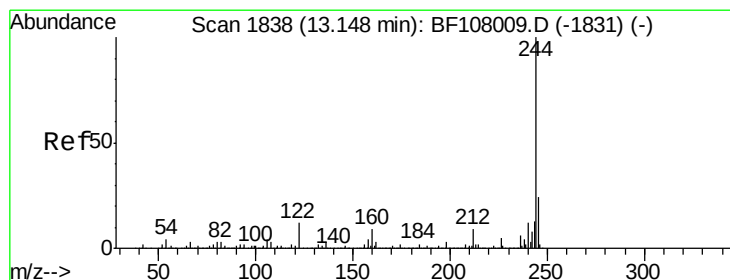
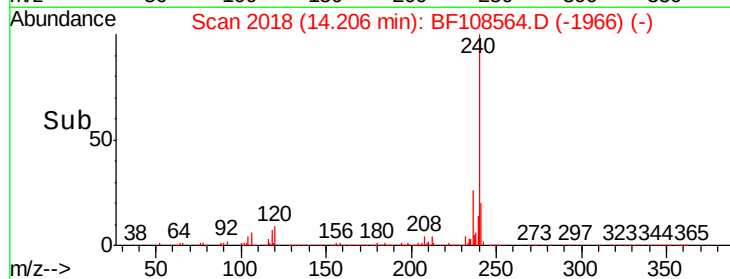
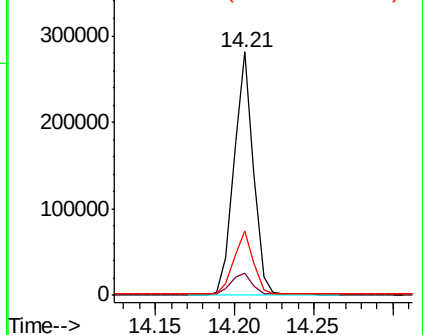
236 26.6 20.7 31.1



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: 5.733 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108564.D

Acq: 28 Aug 2018 19:12

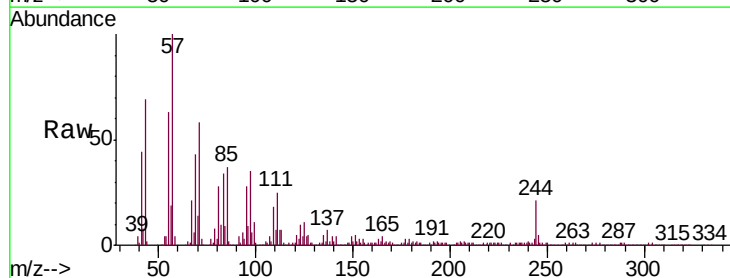
Tgt Ion:244 Resp: 53835

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

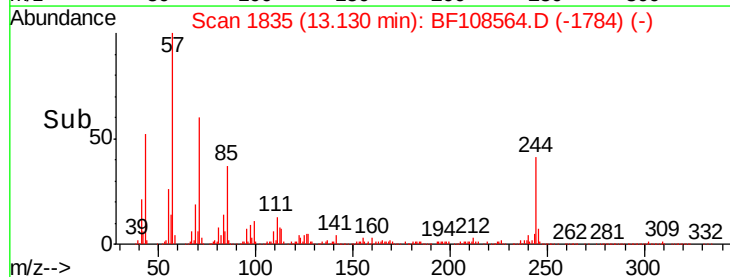
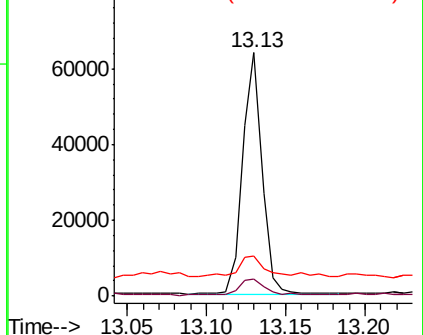
122 16.5 11.0 16.4#

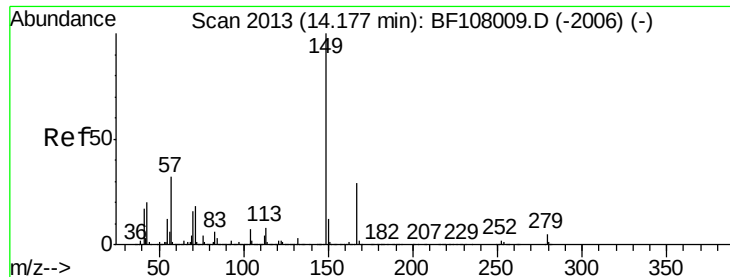


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.539 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF108564.D

Acq: 28 Aug 2018 19:12

Instrument :

BNA_F

ClientSampleId :

TL-SPEEDY-DRY

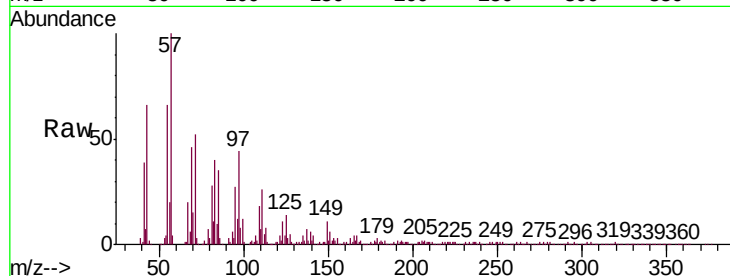
Tgt Ion:149 Resp: 20633

Ion Ratio Lower Upper

149 100

167 36.2 21.3 31.9#

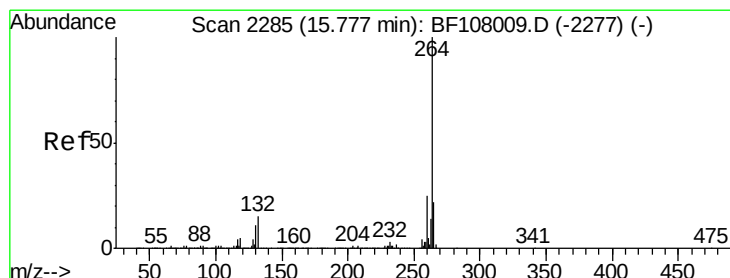
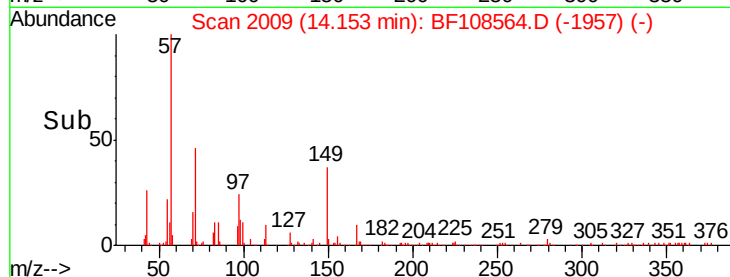
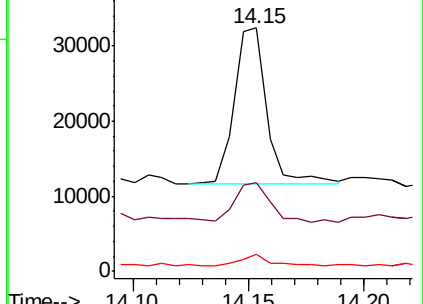
279 6.9 3.0 4.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.77 min Scan# 2284

Delta R.T. 0.01 min

Lab File: BF108564.D

Acq: 28 Aug 2018 19:12

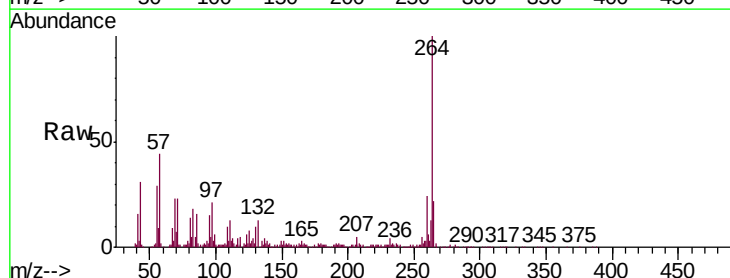
Tgt Ion:264 Resp: 209174

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 22.3 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

