

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF013019\
 Data File : BF112336.D
 Acq On : 30 Jan 2019 22:03
 Operator : JU/SJ
 Sample : K1282-32
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8

Quant Time: Jan 30 23:45:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

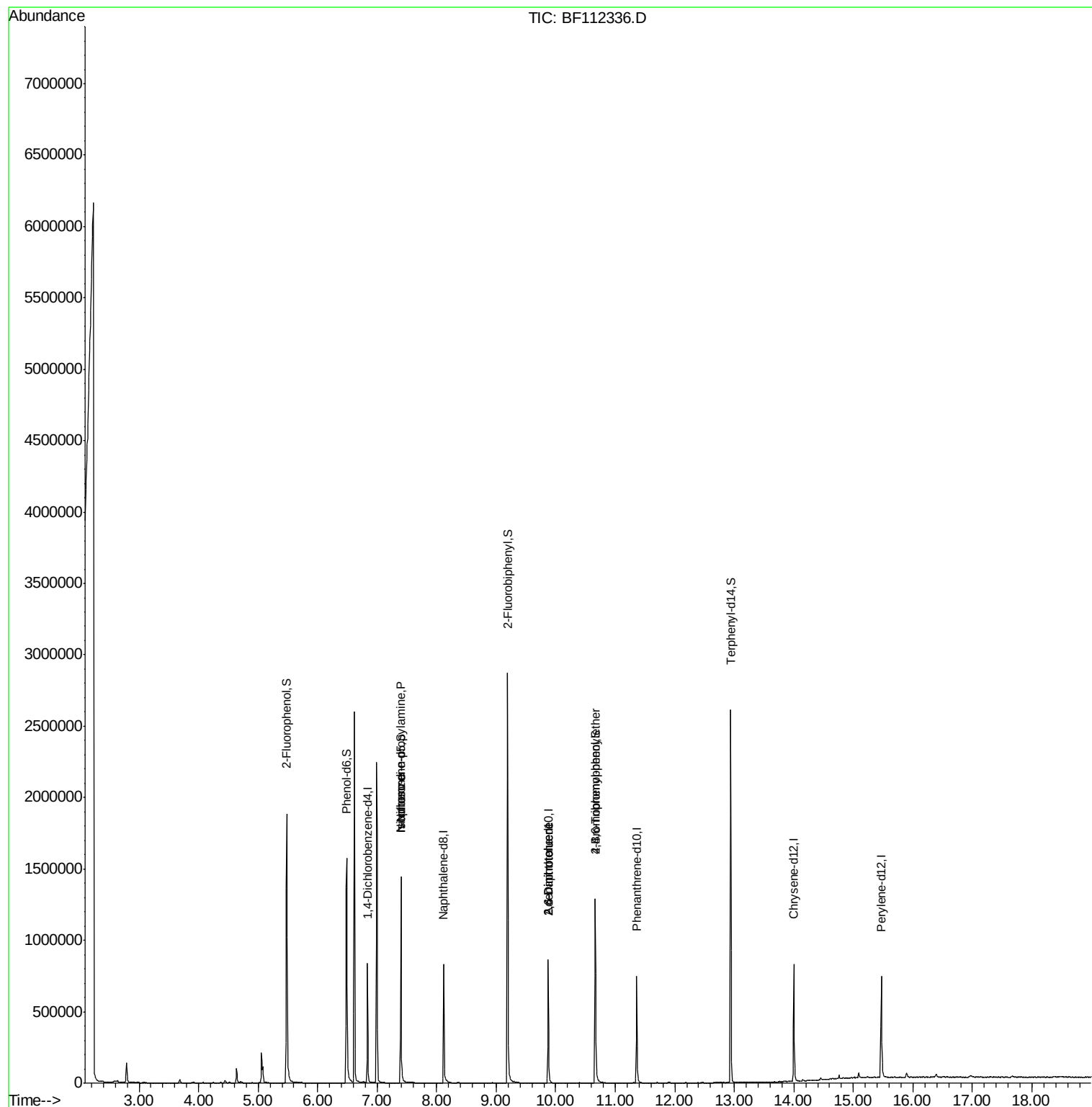
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	131611	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	464779	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	200273	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	326898	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	314003	20.00	ng	-0.01
87) Perylene-d12	15.47	264	353463	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	589418	95.13	ng	0.00
7) Phenol-d6	6.49	99	629650	73.13	ng	0.00
23) Nitrobenzene-d5	7.40	82	478447	59.31	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	185085	79.40	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	950719	67.14	ng	-0.01
79) Terphenyl-d14	12.94	244	818088	49.07	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	64515	10.867	ng	# 76
25) Isophorone	7.40	82	478440	37.808	ng	# 63
51) 2,6-Dinitrotoluene	9.87	165	25559	7.334	ng	# 32
57) 2,4-Dinitrotoluene	9.87	165	25559	5.761	ng	# 30
67) 4-Bromophenyl-phenylether	10.66	248	10965	2.852	ng	# 1

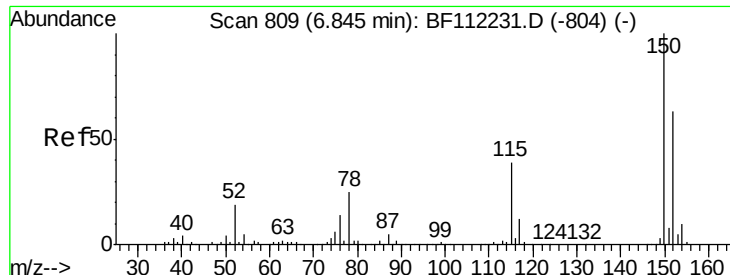
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

Instrument :

BNA_F

ClientSampleId :

TP-8

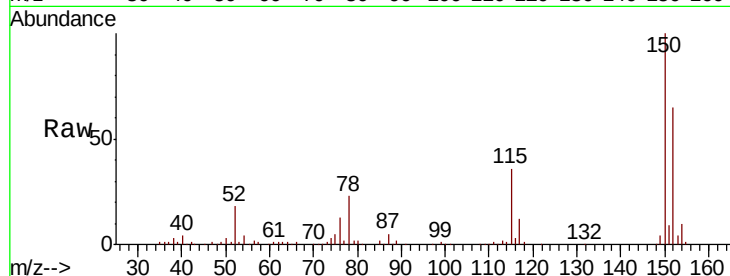
Tgt Ion:152 Resp: 131611

Ion Ratio Lower Upper

152 100

150 152.7 127.4 191.0

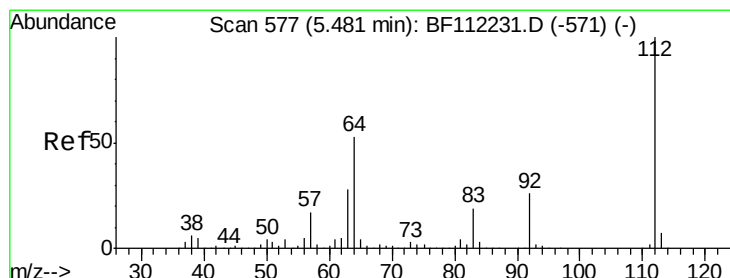
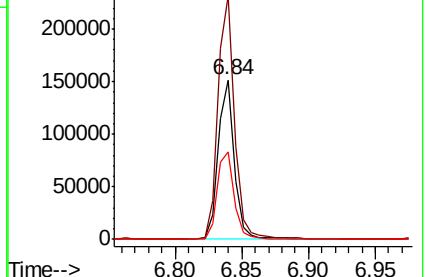
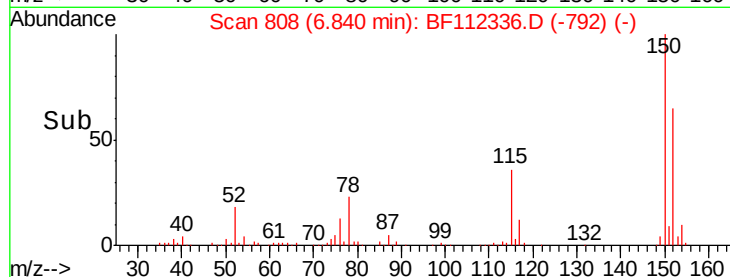
115 54.8 45.5 68.3



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: 95.126 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

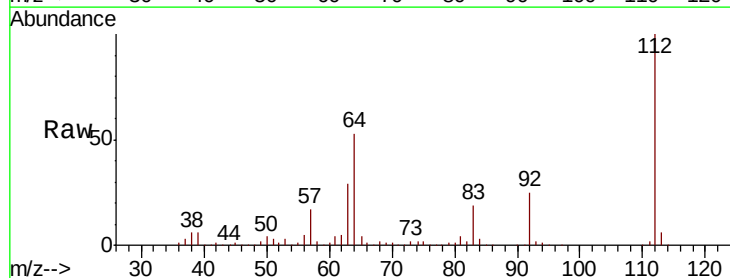
Tgt Ion:112 Resp: 589418

Ion Ratio Lower Upper

112 100

64 53.0 45.7 68.5

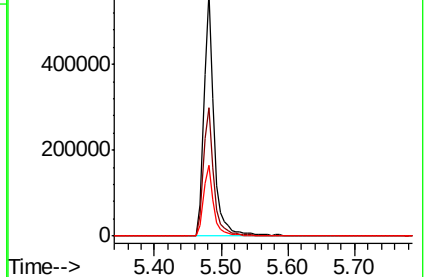
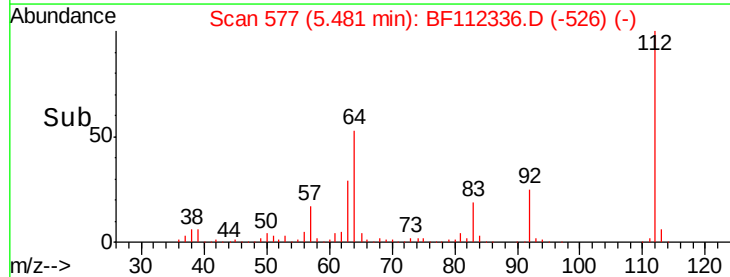
63 29.1 23.6 35.4

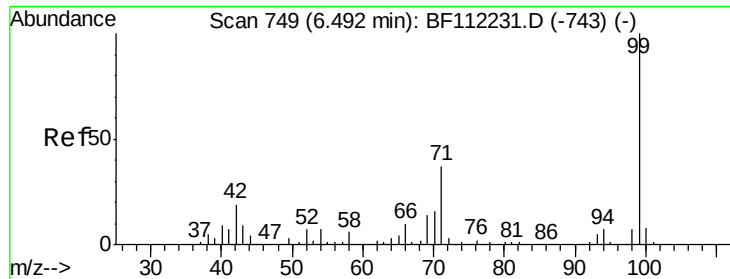


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 73.131 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

Instrument :

BNA_F

ClientSampleId :

TP-8

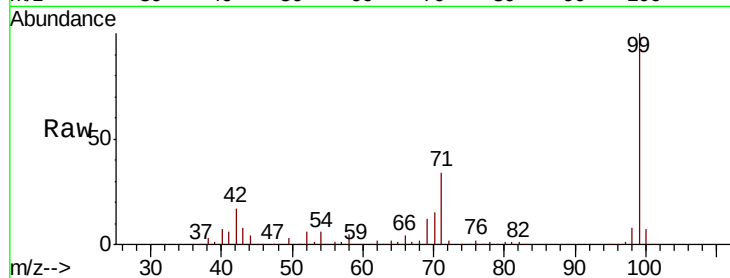
Tgt Ion: 99 Resp: 629650

Ion Ratio Lower Upper

99 100

42 17.2 15.1 22.7

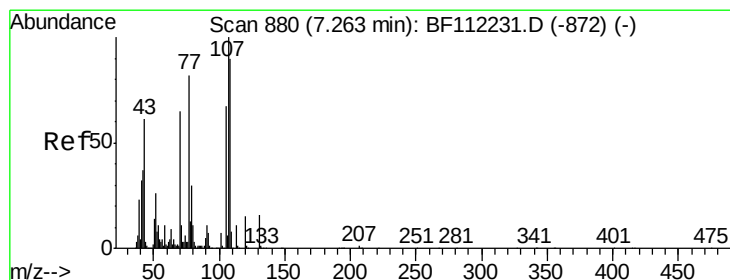
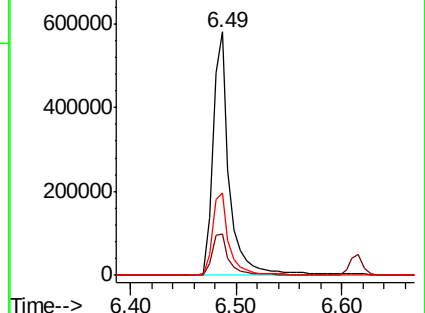
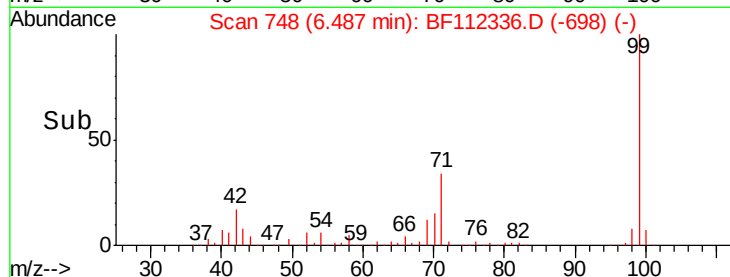
71 33.9 26.9 40.3



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: 10.867 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

Tgt Ion: 70 Resp: 64515

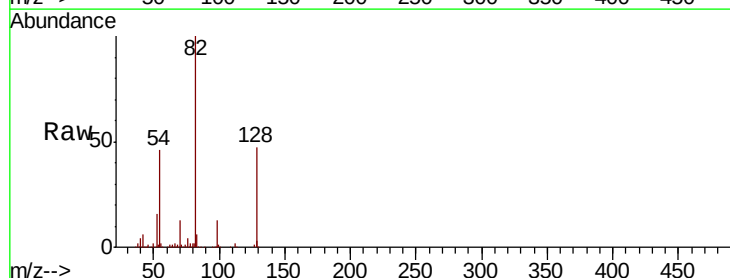
Ion Ratio Lower Upper

70 100

42 47.2 47.6 71.4#

101 0.0 7.9 11.9#

130 2.2 18.4 27.6#

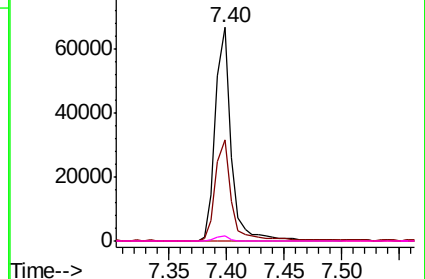
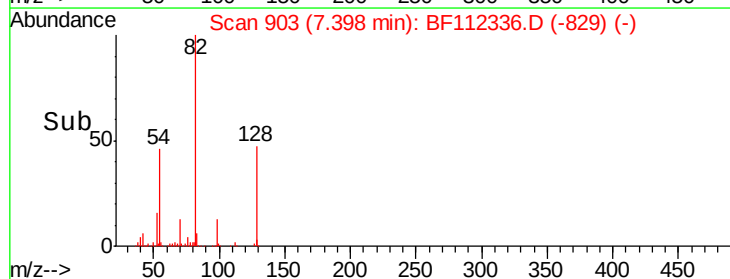


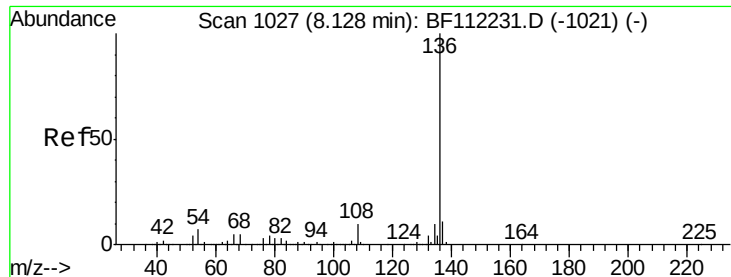
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

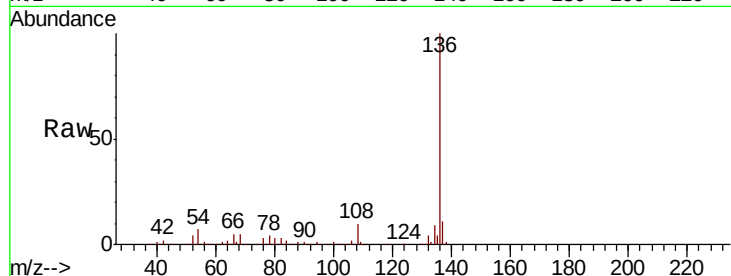




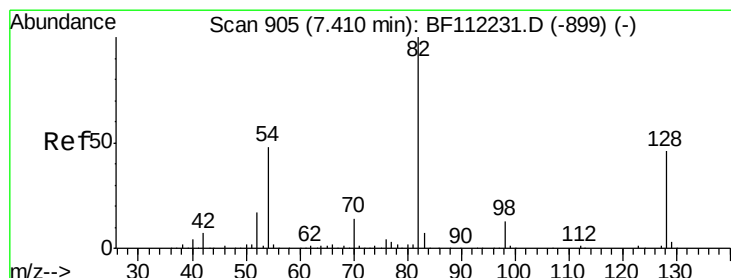
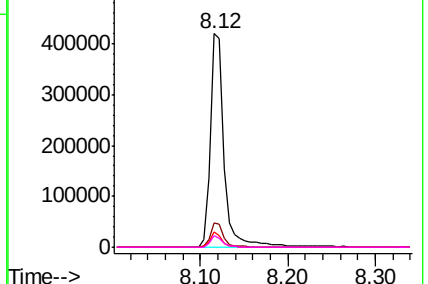
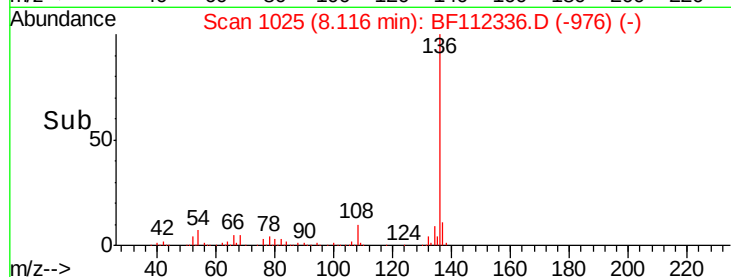
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF112336.D
Acq: 30 Jan 2019 22:03

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion:	136	Resp:	464779
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.0	5.9	8.9
68	5.5	5.1	7.7

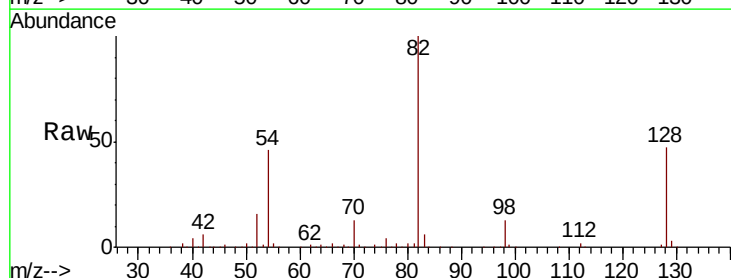


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

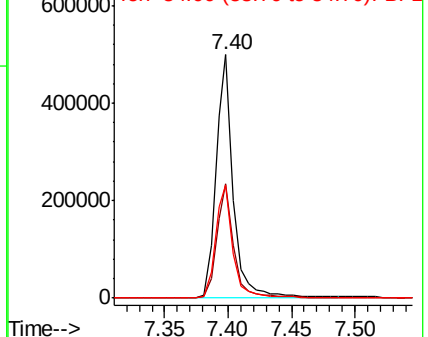
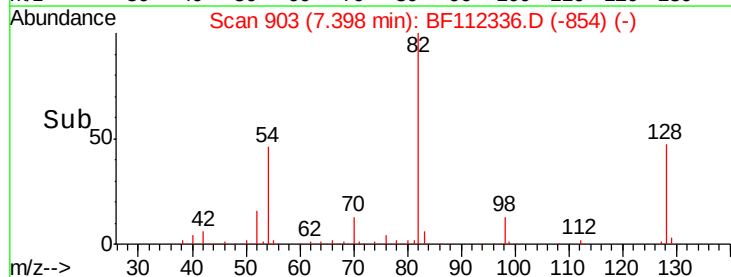


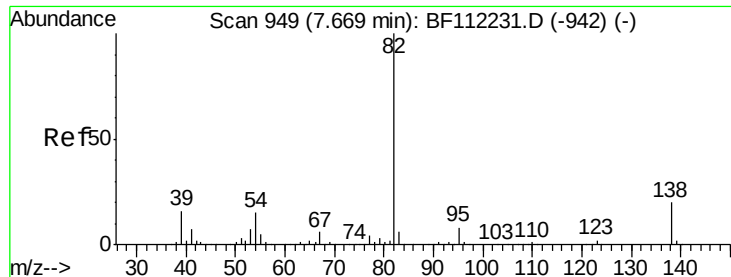
#23
Nitrobenzene-d5
Concen: 59.314 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF112336.D
Acq: 30 Jan 2019 22:03

Tgt Ion:	82	Resp:	478447
Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.8	56.8
54	46.3	39.7	59.5



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: 37.808 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

Instrument :

BNA_F

ClientSampleId :

TP-8

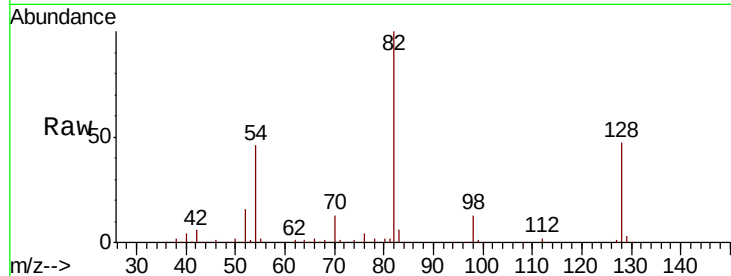
Tgt Ion: 82 Resp: 478440

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

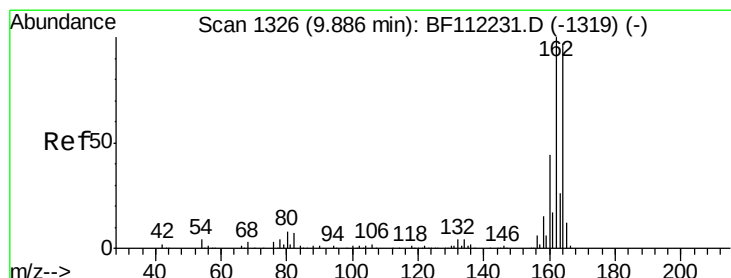
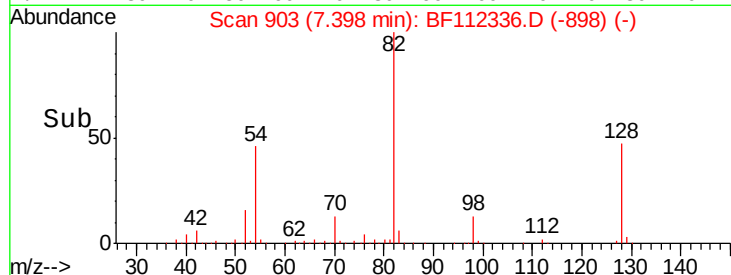
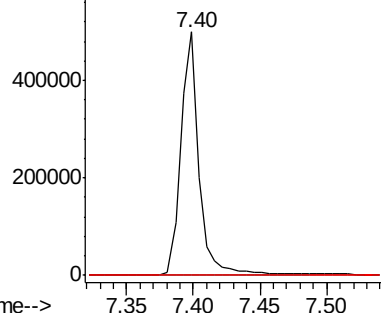
138 0.0 15.4 23.0#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

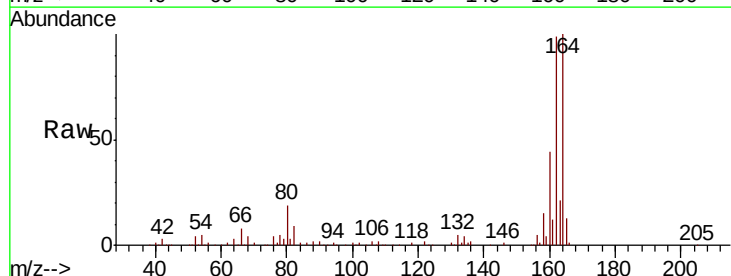
Tgt Ion: 164 Resp: 200273

Ion Ratio Lower Upper

164 100

162 98.7 82.2 123.4

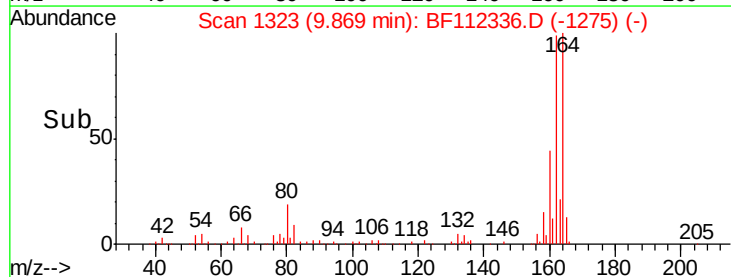
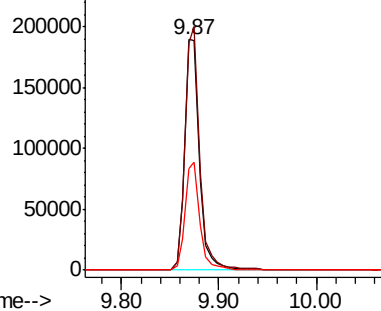
160 44.1 36.2 54.4

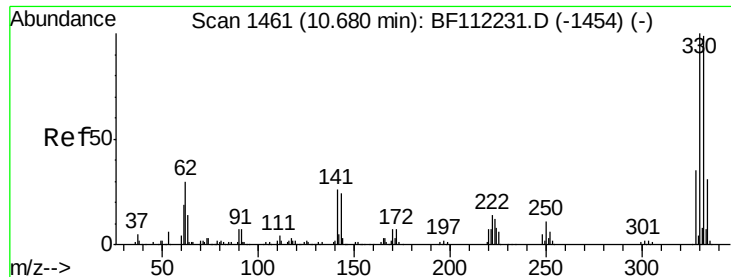


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 79.397 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

Instrument :

BNA_F

ClientSampleId :

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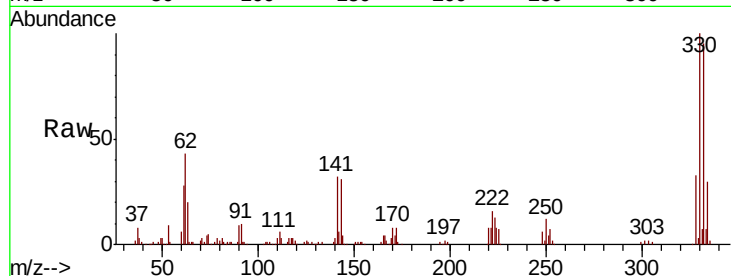
Tgt Ion:330 Resp: 185085

Ion Ratio Lower Upper

330 100

332 95.7 76.6 114.8

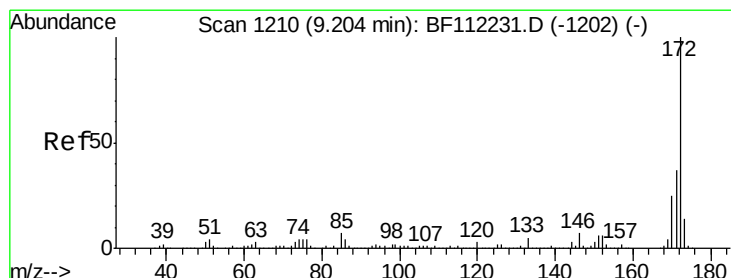
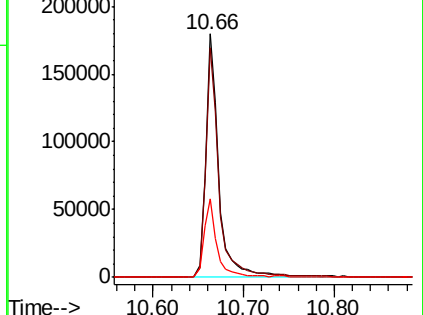
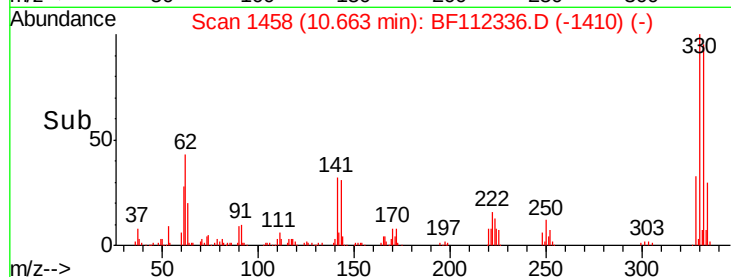
141 31.6 24.3 36.5



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



#45

2-Fluorobiphenyl

Concen: 67.140 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

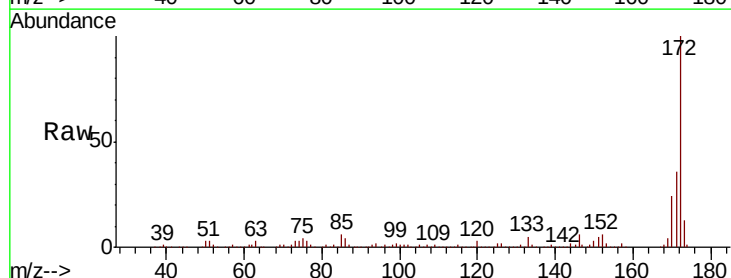
Tgt Ion:172 Resp: 950719

Ion Ratio Lower Upper

172 100

171 36.2 30.5 45.7

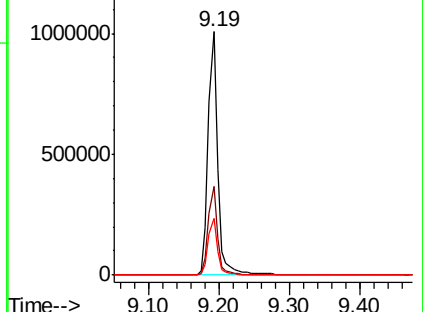
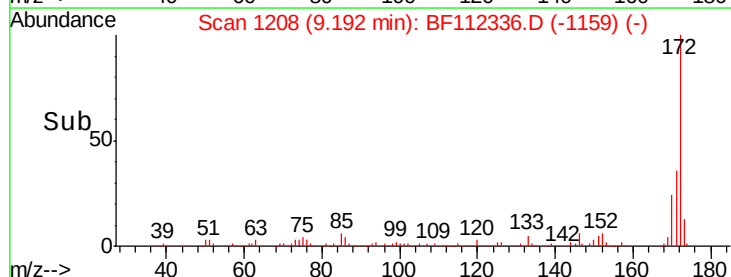
170 23.6 20.2 30.4

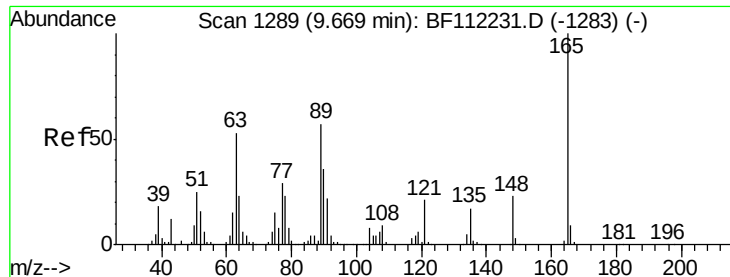


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.334 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.20 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

Instrument :

BNA_F

ClientSampleId :

TP-8

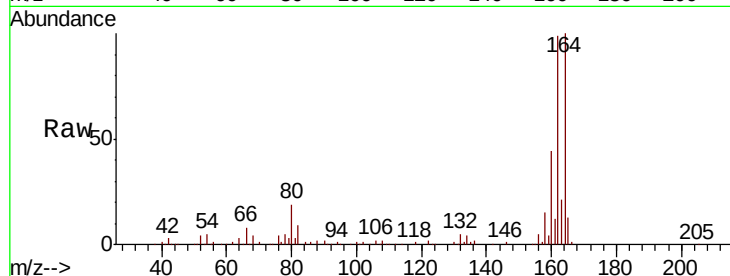
Tgt Ion:165 Resp: 25559

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

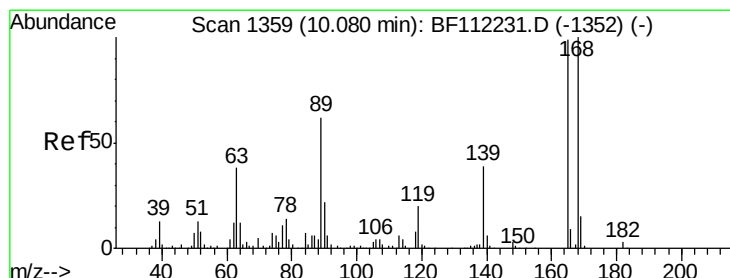
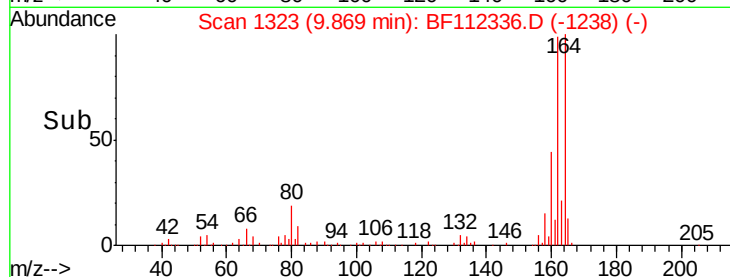
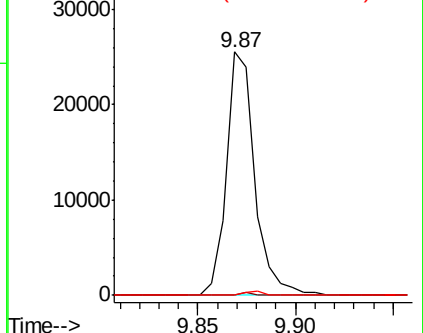
89 0.0 36.9 55.3#



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



#57

2,4-Dinitrotoluene

Concen: 5.761 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

Tgt Ion:165 Resp: 25559

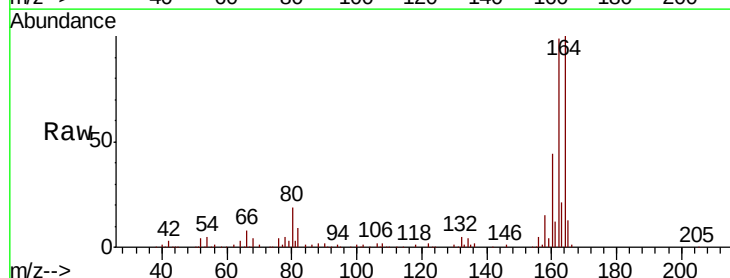
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 0.0 47.9 71.9#

182 0.0 2.2 3.4#

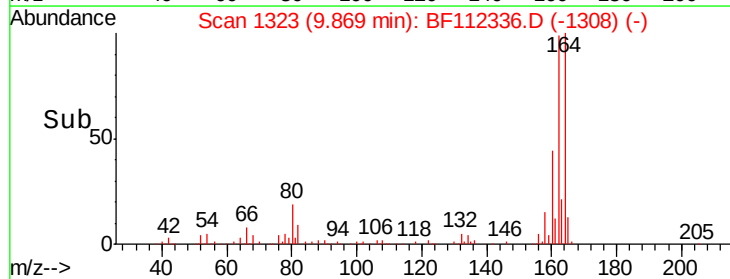
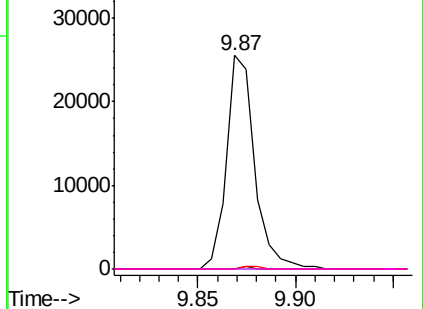


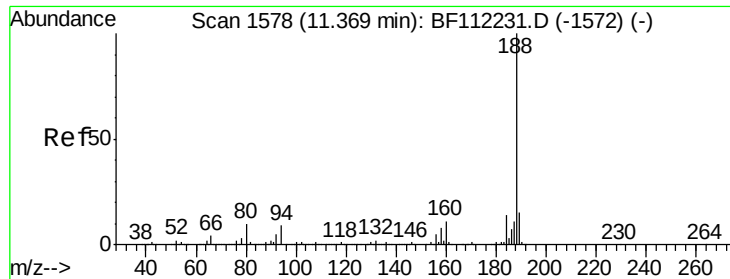
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

Instrument :

BNA_F

ClientSampleId :

TP-8

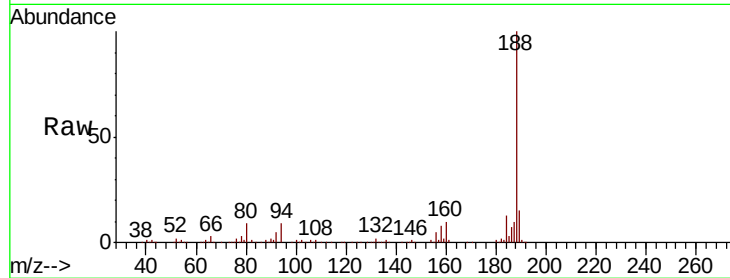
Tgt Ion:188 Resp: 326898

Ion Ratio Lower Upper

188 100

94 9.2 8.2 12.2

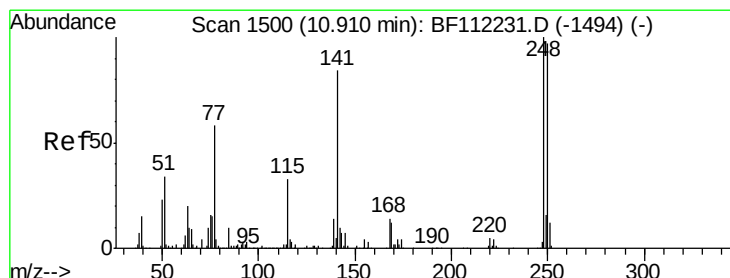
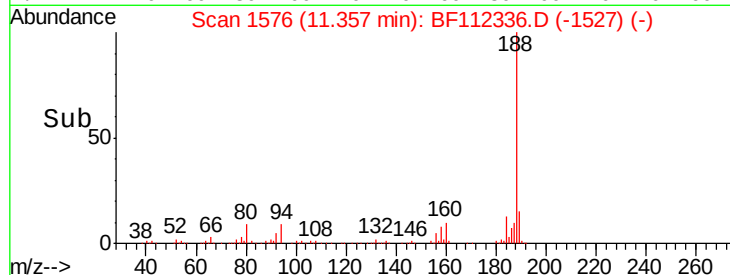
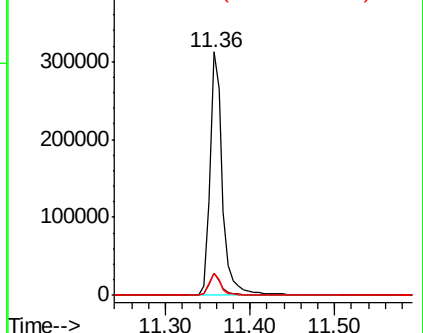
80 9.2 8.9 13.3



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



#67

4-Bromophenyl-phenylether

Concen: 2.852 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.25 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

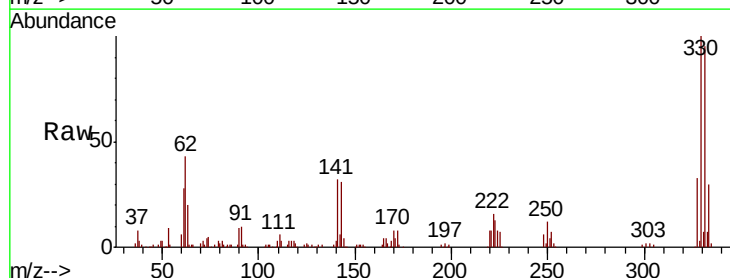
Tgt Ion:248 Resp: 10965

Ion Ratio Lower Upper

248 100

250 204.2 79.7 119.5#

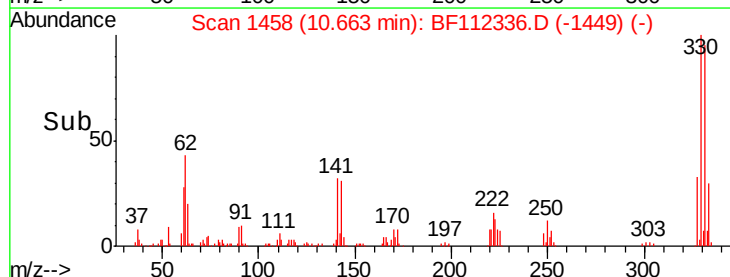
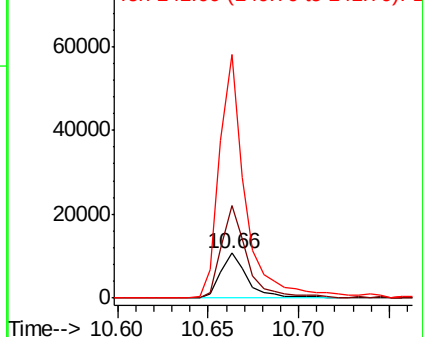
141 539.1 60.3 90.5#

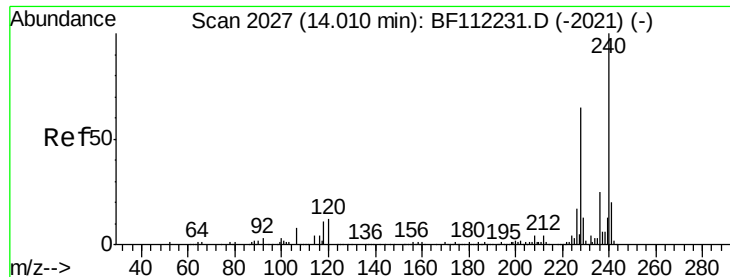


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

Instrument :

BNA_F

ClientSampleId :

TP-8

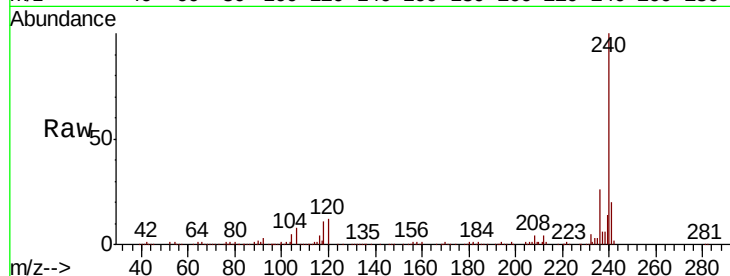
Tgt Ion:240 Resp: 314003

Ion Ratio Lower Upper

240 100

120 11.9 9.0 13.6

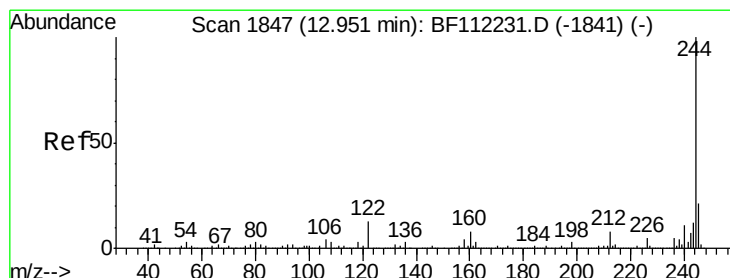
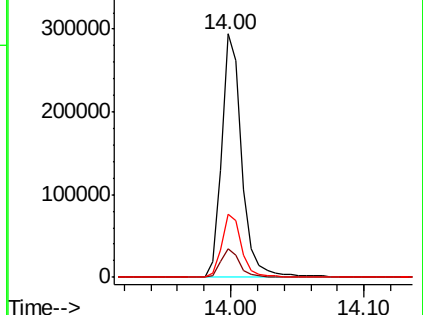
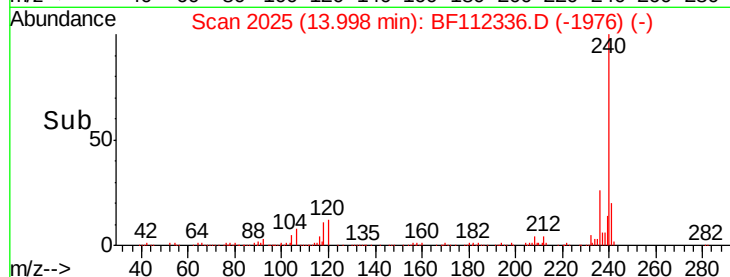
236 26.0 20.7 31.1



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



#79

Terphenyl-d14

Concen: 49.070 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF112336.D

Acq: 30 Jan 2019 22:03

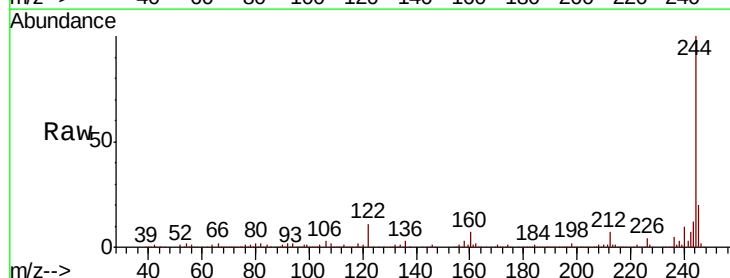
Tgt Ion:244 Resp: 818088

Ion Ratio Lower Upper

244 100

212 6.6 5.9 8.9

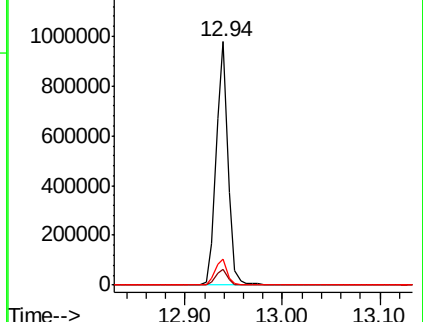
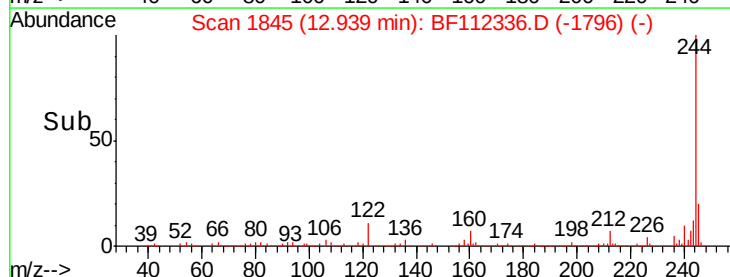
122 10.5 9.8 14.6

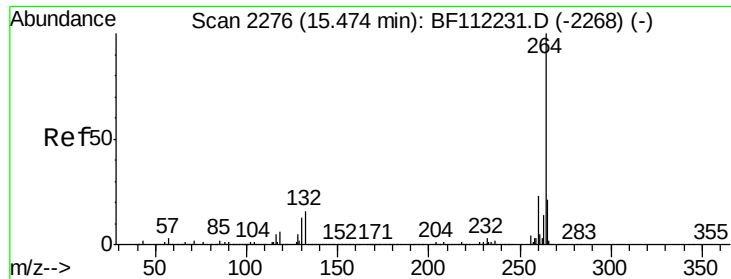


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF112336.D
Acq: 30 Jan 2019 22:03

Instrument :
BNA_F
ClientSampleId :
TP-8

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.2	27.2
265	21.1	17.0	25.4

