

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111709.D
 Acq On : 26 Dec 2018 12:08
 Operator : JU/SJ
 Sample : J6446-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS026-0612-01

Quant Time: Dec 26 13:59:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

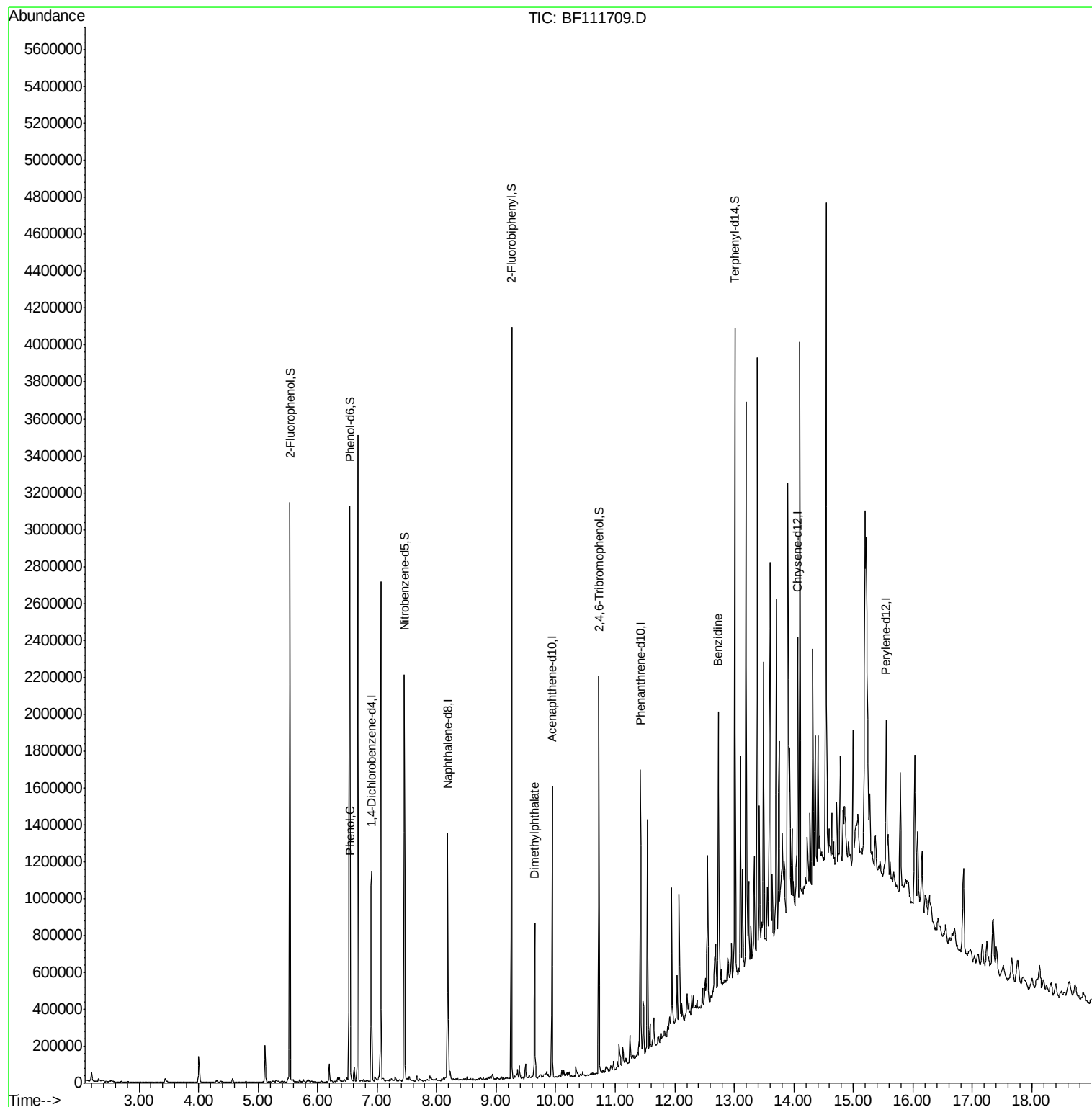
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	166828	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	611698	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	290401	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	518816	20.00	ng	0.00
76) Chrysene-d12	14.06	240	458057	20.00	ng	0.01
87) Perylene-d12	15.55	264	425159	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	759499	77.60	ng	0.02
7) Phenol-d6	6.54	99	966709	77.61	ng	0.02
23) Nitrobenzene-d5	7.46	82	618954	58.90	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	273136	79.60	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1109851	55.71	ng	0.00
79) Terphenyl-d14	13.01	244	1050197	43.48	ng	0.01
Target Compounds						
10) Phenol	6.55	94	67753	4.821	ng	96
50) Dimethylphthalate	9.65	163	278099	13.096	ng	97
77) Benzidine	12.73	184	36380	2.111	ng	# 68

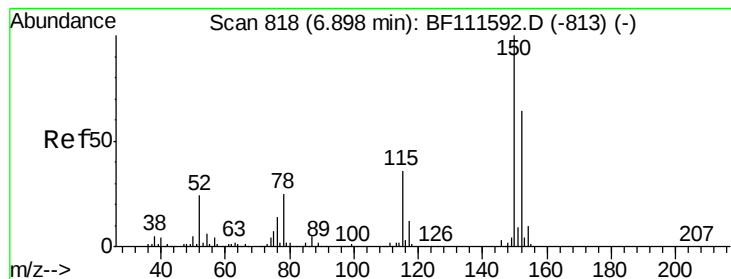
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF111709.D

Acq: 26 Dec 2018 12:08

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0612-01

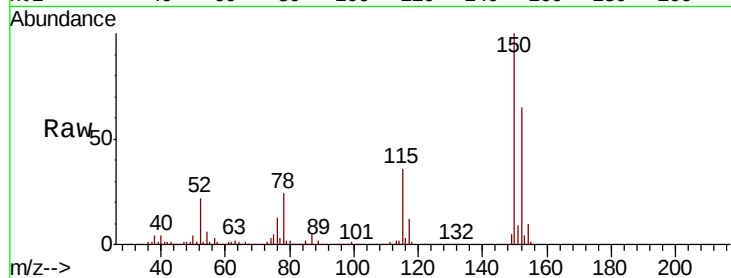
Tot Ion:152 Resp: 166828

Ion Ratio Lower Upper

152 100

150 154.7 126.6 189.8

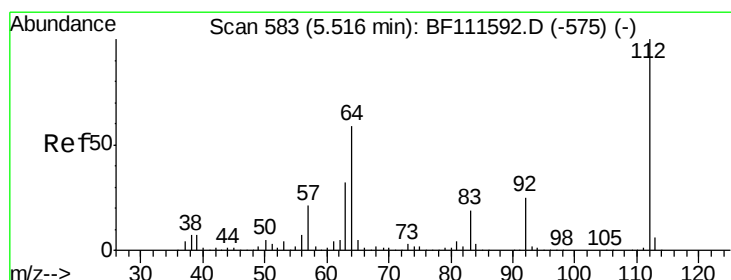
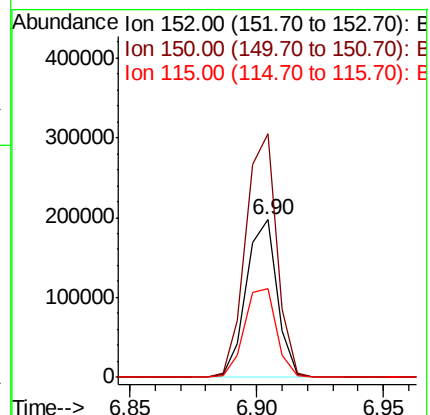
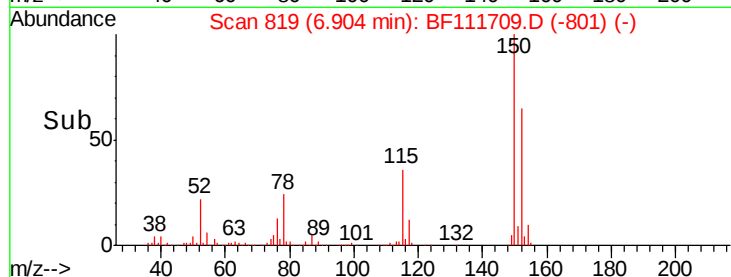
115 56.1 50.7 76.1



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: 77.600 ng

RT: 5.53 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF111709.D

Acq: 26 Dec 2018 12:08

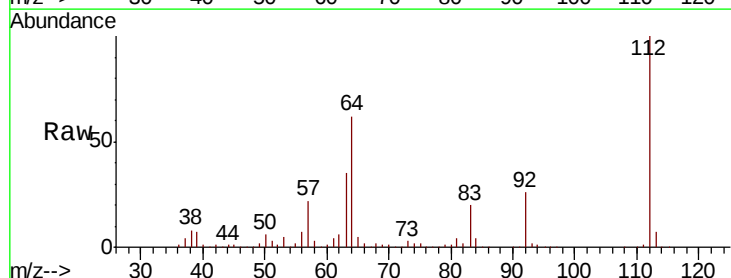
Tgt Ion:112 Resp: 759499

Ion Ratio Lower Upper

112 100

64 62.5 51.8 77.6

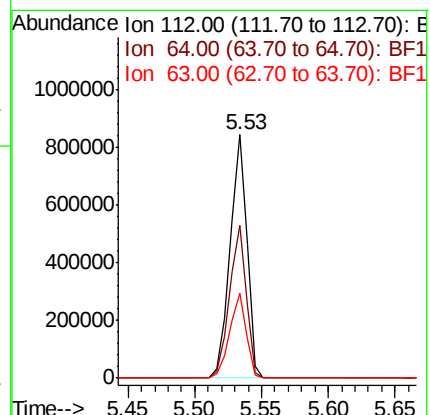
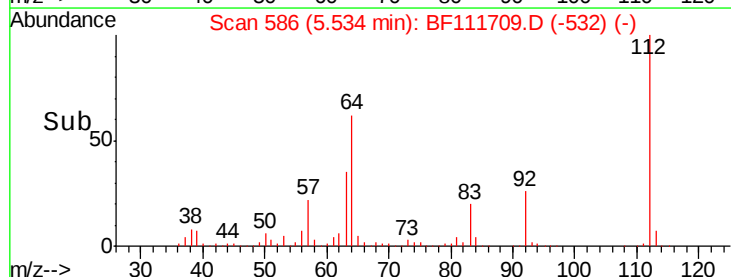
63 34.7 26.8 40.2

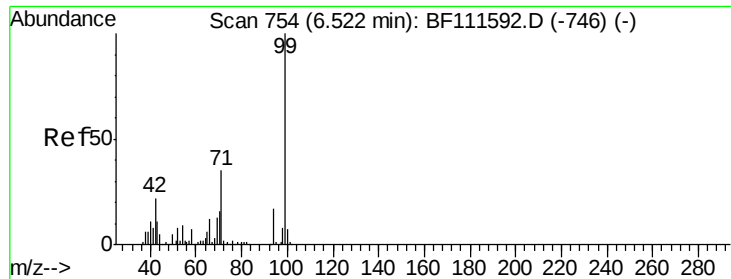


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 77.611 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111709.D

Acq: 26 Dec 2018 12:08

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0612-01

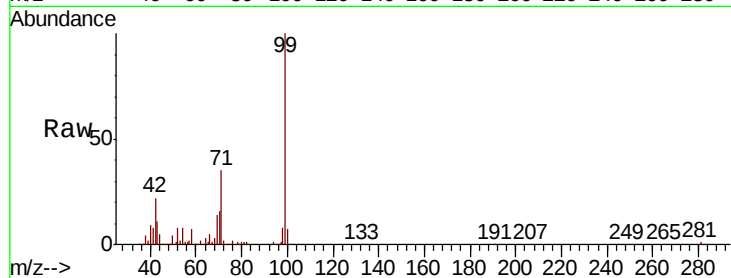
Tot Ion: 99 Resp: 966709

Ion Ratio Lower Upper

99 100

42 21.7 17.4 26.0

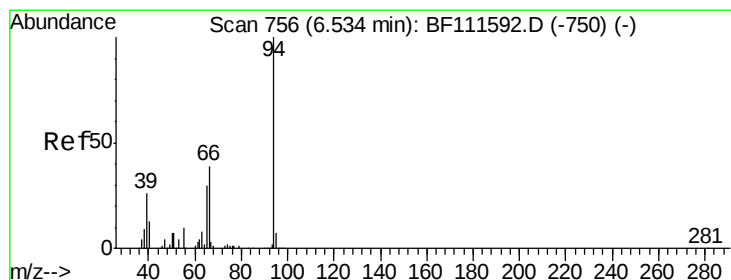
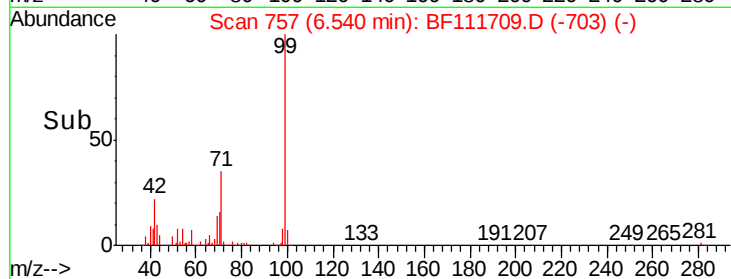
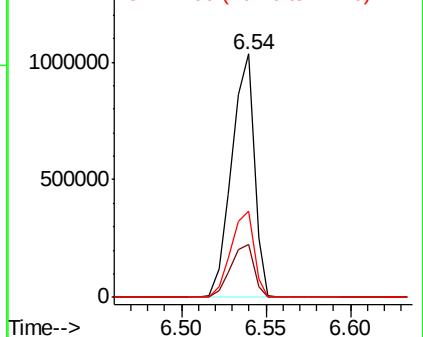
71 35.2 26.1 39.1



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



#10

Phenol

Concen: 4.821 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111709.D

Acq: 26 Dec 2018 12:08

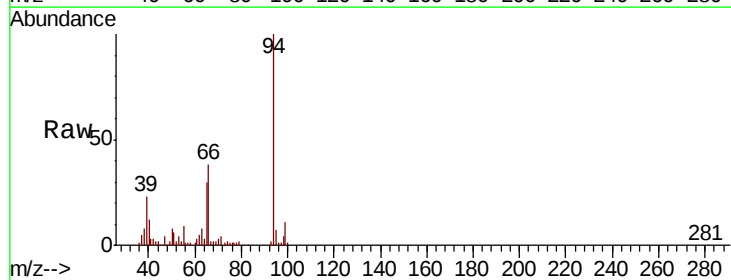
Tgt Ion: 94 Resp: 67753

Ion Ratio Lower Upper

94 100

65 29.6 11.7 51.7

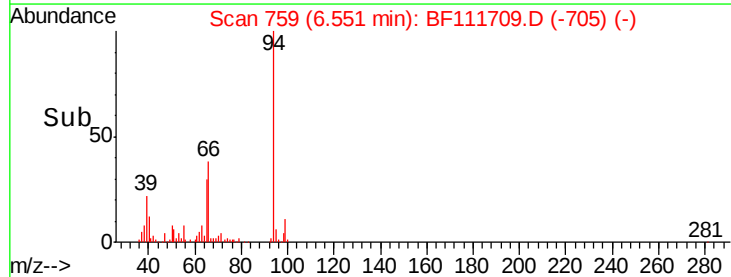
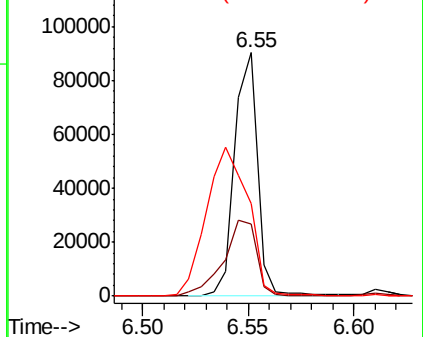
66 38.1 21.0 61.0

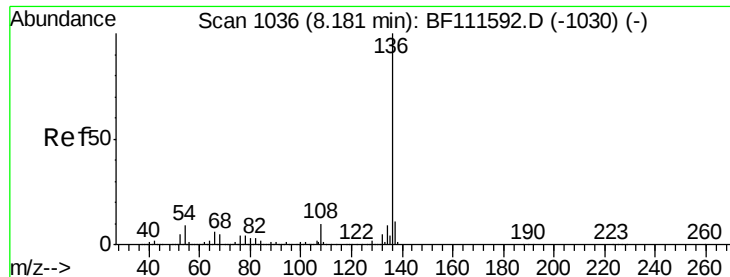


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

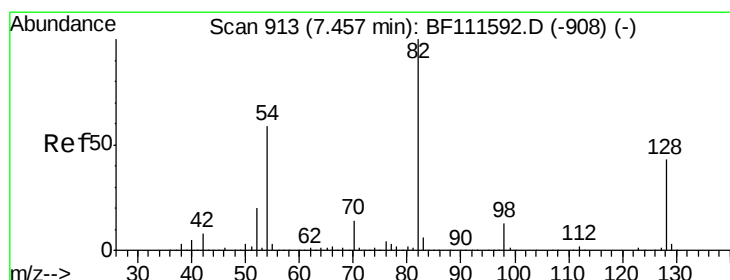
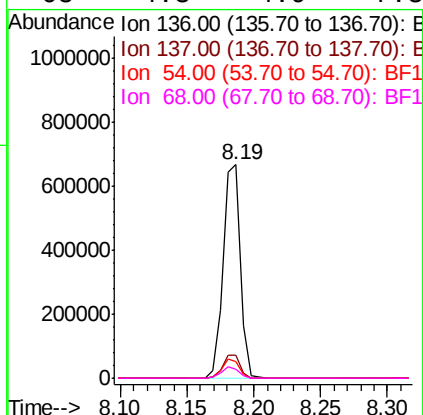
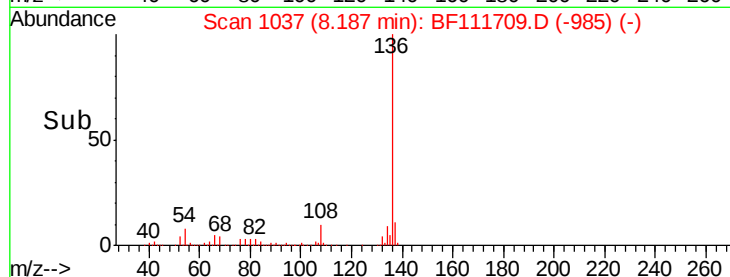
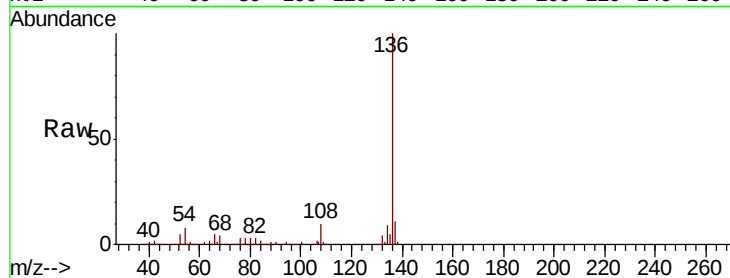




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111709.D
Acq: 26 Dec 2018 12:08

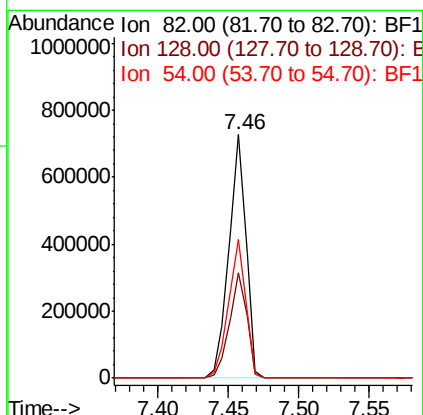
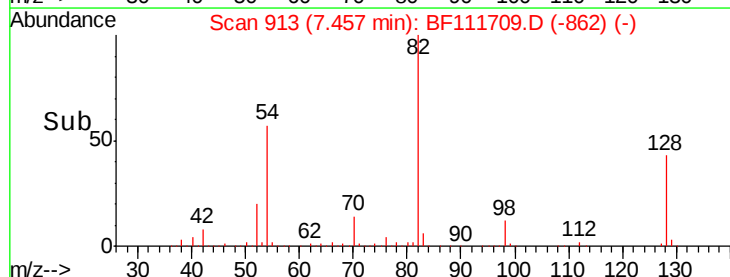
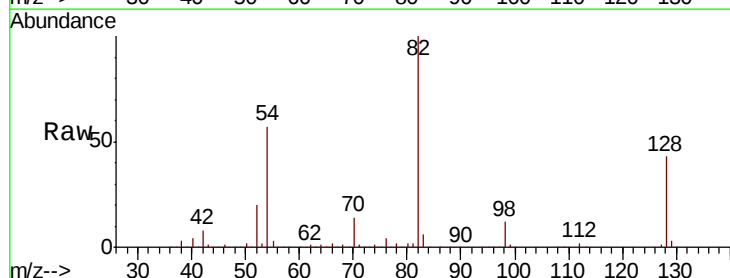
Instrument :
BNA_F
ClientSampleId :
P001-SS026-0612-01

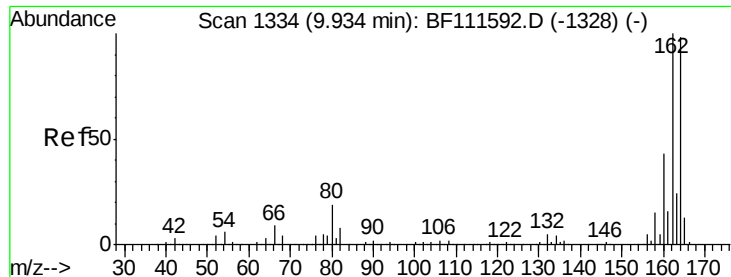
Tot Ion:136	Resp: 611698
Ion Ratio	Lower Upper
136 100	
137 11.1	9.1 13.7
54 8.0	7.7 11.5
68 4.3	4.9 7.3#



#23
Nitrobenzene-d5
Concen: 58.898 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111709.D
Acq: 26 Dec 2018 12:08

Tgt Ion	82	Resp: Lower	618954 Upper
	Ratio 100		
128	43.4	37.4	56.2
54	57.0	47.6	71.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111709.D

Acq: 26 Dec 2018 12:08

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0612-01

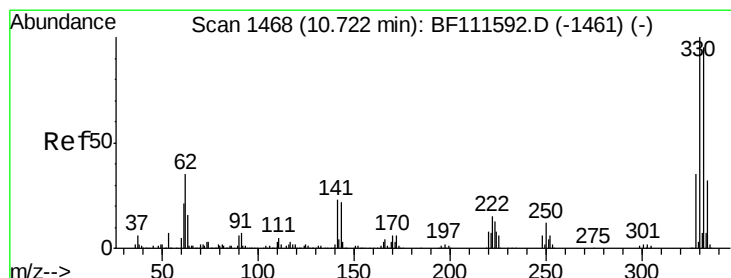
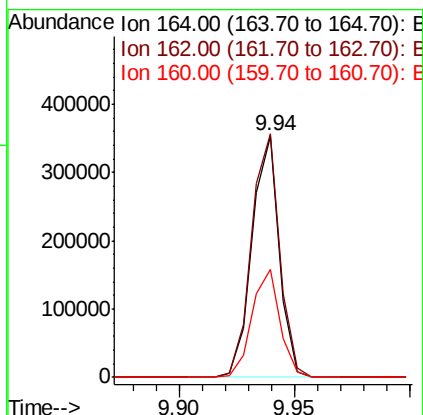
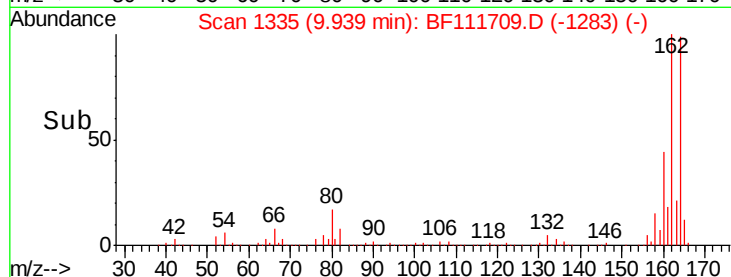
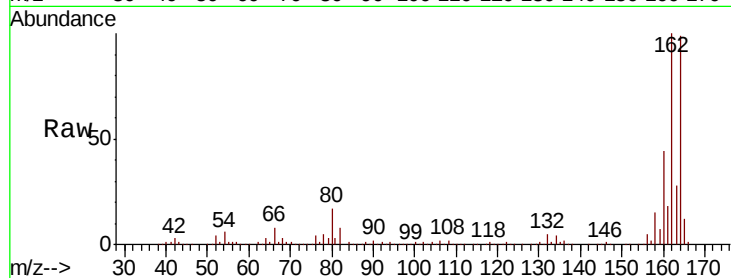
Tot Ion:164 Resp: 290401

Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

160 44.5 35.7 53.5



#42

2,4,6-Tribromophenol

Concen: 79.601 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111709.D

Acq: 26 Dec 2018 12:08

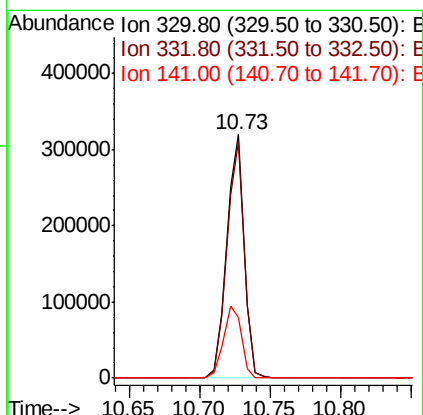
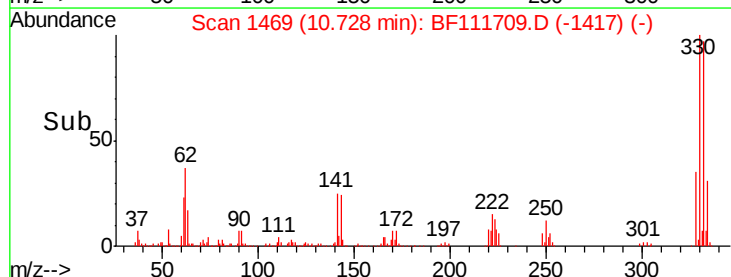
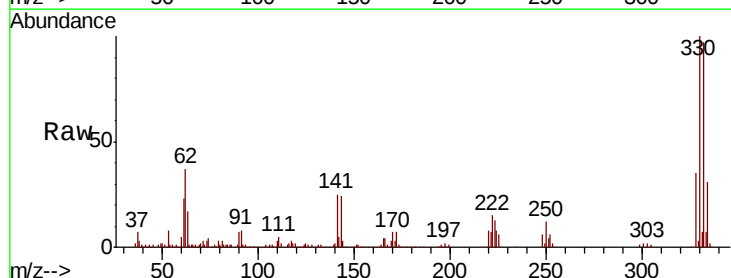
Tgt Ion:330 Resp: 273136

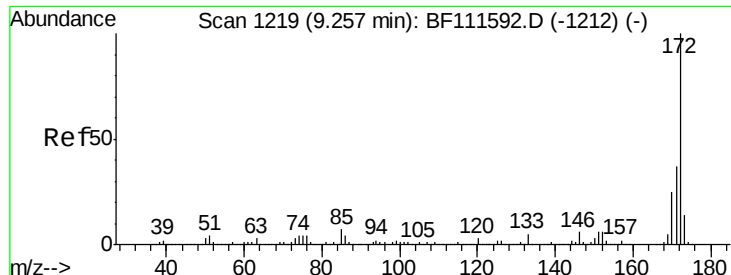
Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 30.8 31.0 46.6#

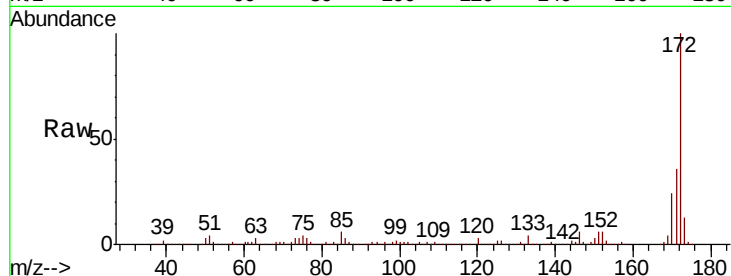




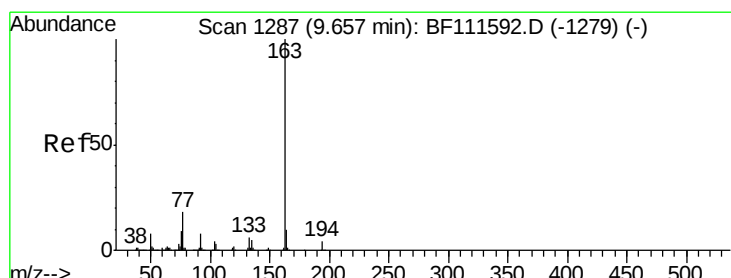
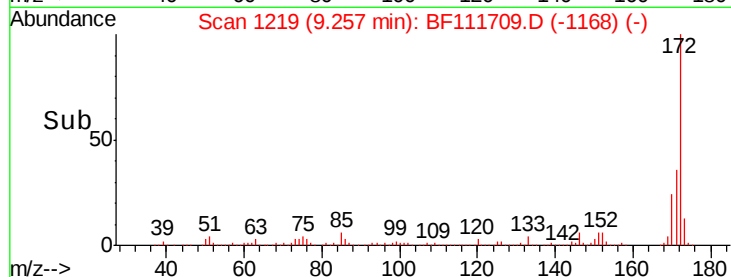
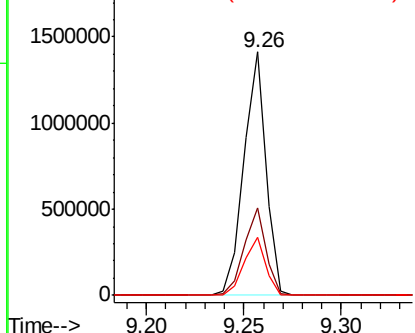
#45
2-Fluorobiphenyl
Concen: 55.705 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111709.D
Acq: 26 Dec 2018 12:08

Instrument :
BNA_F
ClientSampleId :
P001-SS026-0612-01

Tot Ion:172 Resp: 1109851
Ion Ratio Lower Upper
172 100
171 35.9 33.0 49.4
170 23.6 22.3 33.5

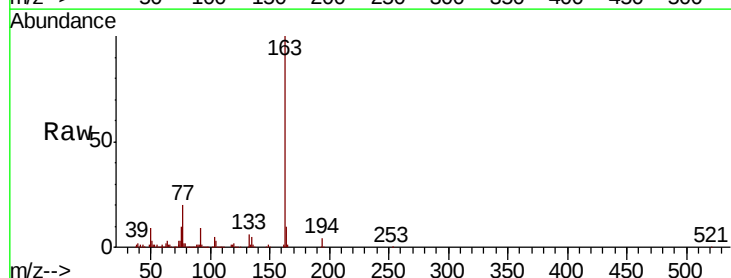


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

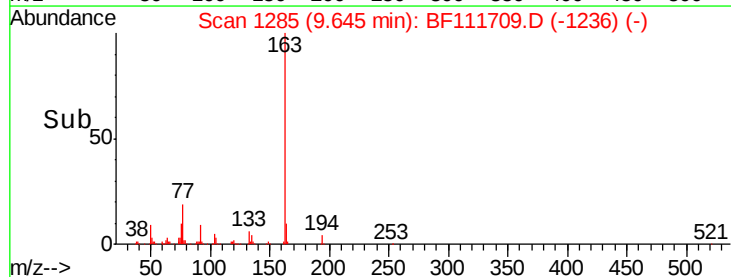
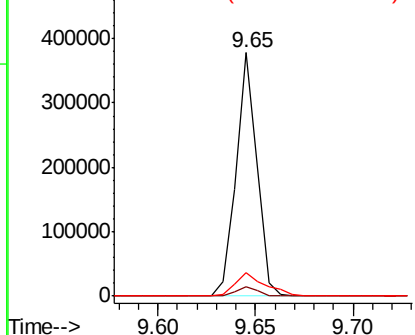


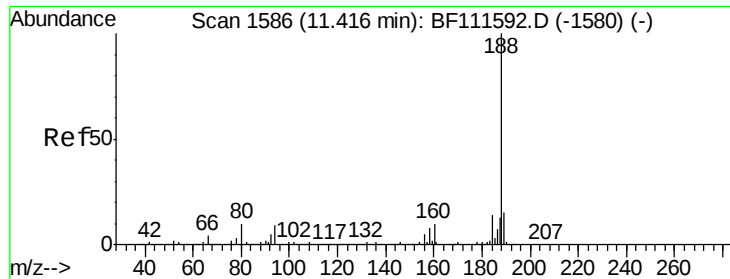
#50
Dimethylphthalate
Concen: 13.096 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111709.D
Acq: 26 Dec 2018 12:08

Tgt Ion:163 Resp: 278099
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF111709.D

Acq: 26 Dec 2018 12:08

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0612-01

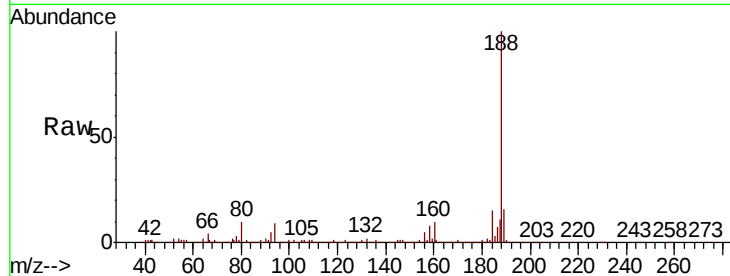
Tot Ion:188 Resp: 518816

Ion Ratio Lower Upper

188 100

94 9.1 9.6 14.4#

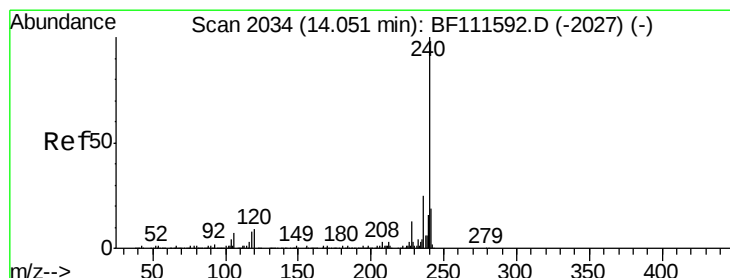
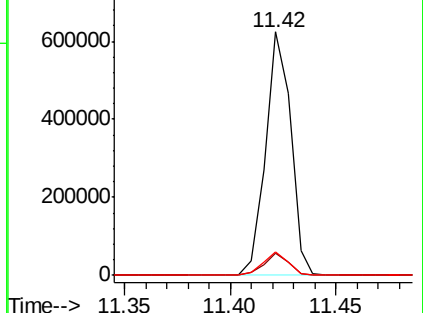
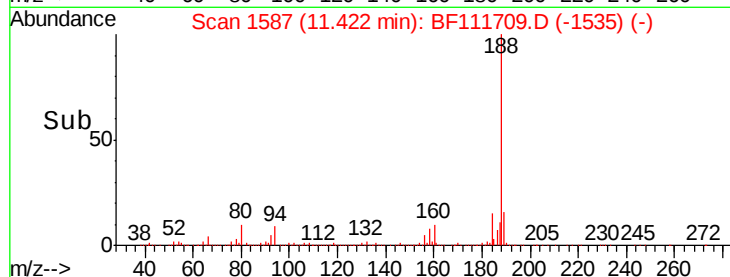
80 9.8 9.8 14.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111709.D

Acq: 26 Dec 2018 12:08

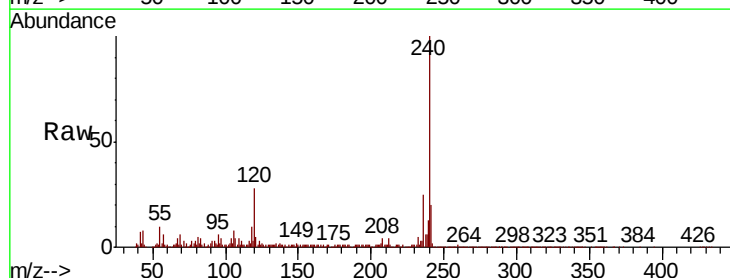
Tgt Ion:240 Resp: 458057

Ion Ratio Lower Upper

240 100

120 28.2 12.2 18.2#

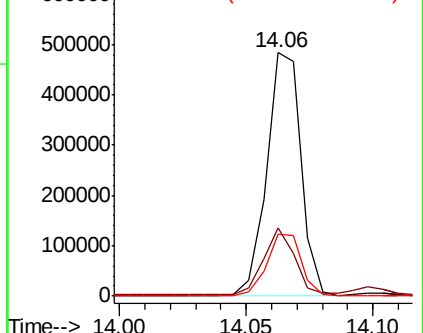
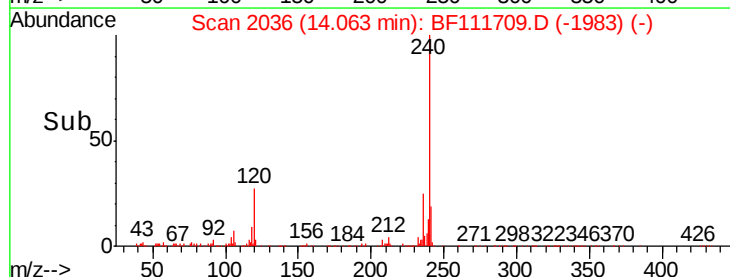
236 25.5 20.2 30.2

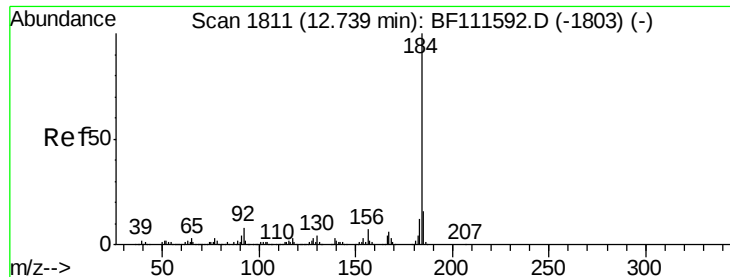


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.111 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF111709.D

Acq: 26 Dec 2018 12:08

Instrument :

BNA_F

ClientSampleId :

P001-SS026-0612-01

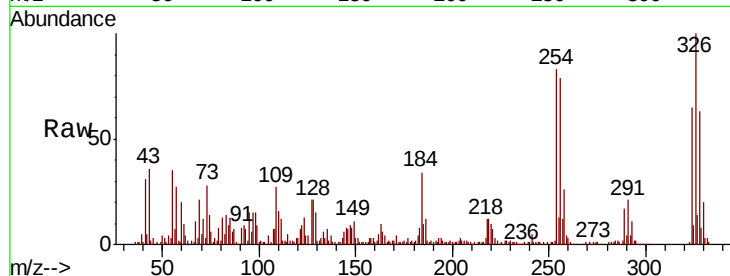
Tot Ion:184 Resp: 36380

Ion Ratio Lower Upper

184 100

185 29.2 13.0 19.6#

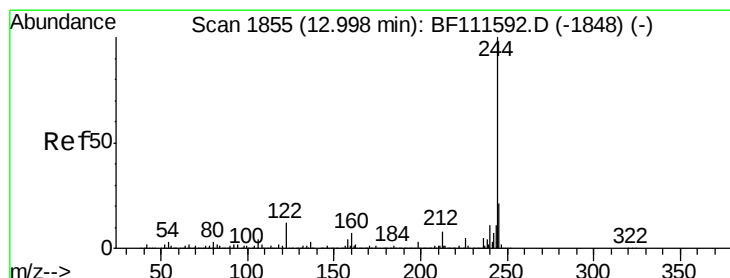
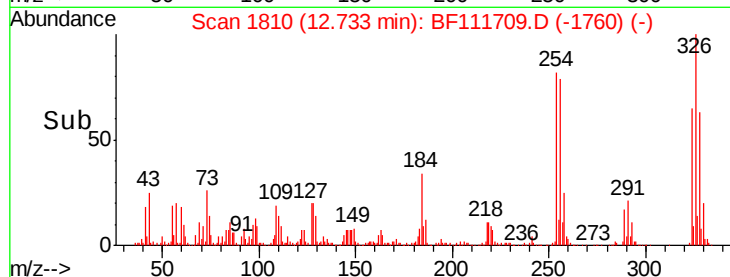
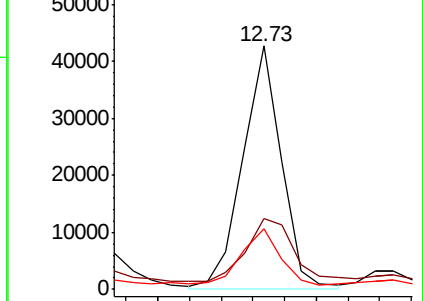
183 24.7 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 43.480 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111709.D

Acq: 26 Dec 2018 12:08

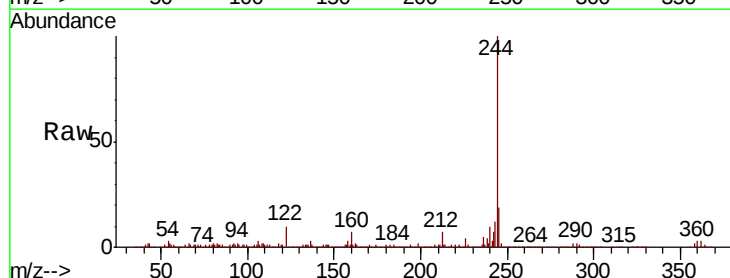
Tgt Ion:244 Resp: 1050197

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

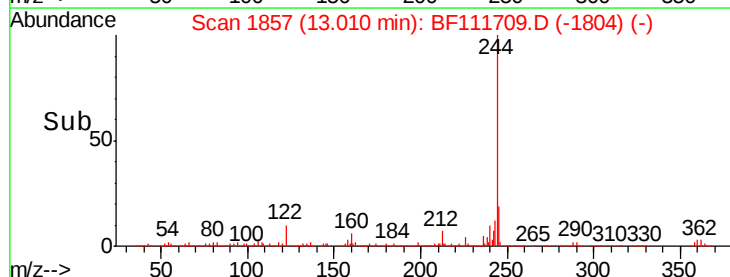
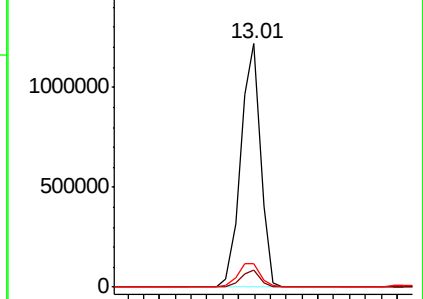
122 9.9 13.1 19.7#

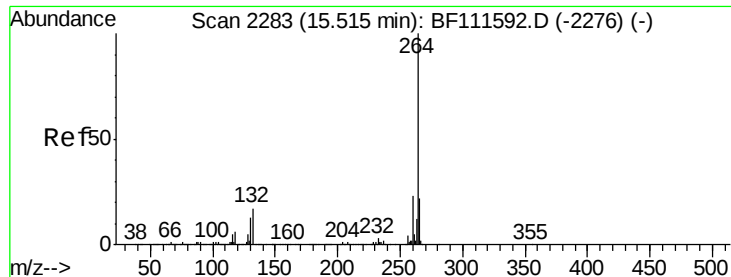


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111709.D
Acq: 26 Dec 2018 12:08

Instrument :
BNA_F
ClientSampleId :
P001-SS026-0612-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.3	27.5
265	21.9	17.7	26.5

