

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111758.D
 Acq On : 27 Dec 2018 13:22
 Operator : JU/SJ
 Sample : J6446-13
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01

Quant Time: Dec 28 00:12:27 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

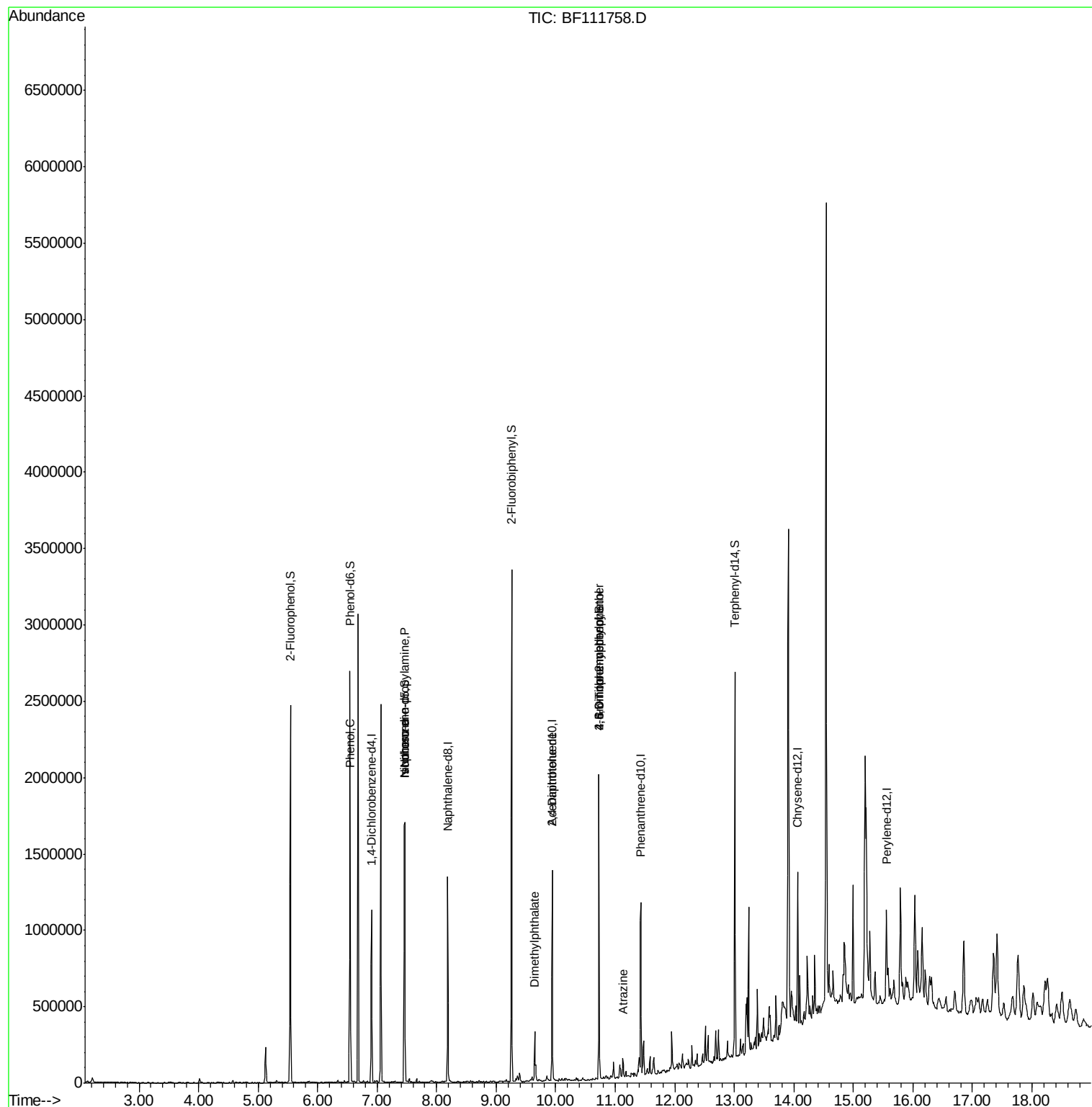
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149736	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	536654	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	246983	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	402075	20.00	ng	0.01
76) Chrysene-d12	14.06	240	353270	20.00	ng	0.01
87) Perylene-d12	15.56	264	291953	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	676135	76.97	ng	0.03
7) Phenol-d6	6.55	99	858840	76.82	ng	0.02
23) Nitrobenzene-d5	7.46	82	562899	61.05	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	216950	74.34	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	991758	58.53	ng	0.00
79) Terphenyl-d14	13.01	244	784380	42.11	ng	0.01
Target Compounds						
10) Phenol	6.56	94	46059	3.651	ng	99
19) n-Nitroso-di-n-propylamine	7.46	70	77822	10.482	ng	# 77
25) Isophorone	7.46	82	560207	34.227	ng	# 64
50) Dimethylphthalate	9.65	163	109169	6.044	ng	99
57) 2,4-Dinitrotoluene	9.94	165	31733	7.331	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	517	6.961	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	14196	2.847	ng	# 1
69) Atrazine	11.13	200	12536	2.674	ng	# 37

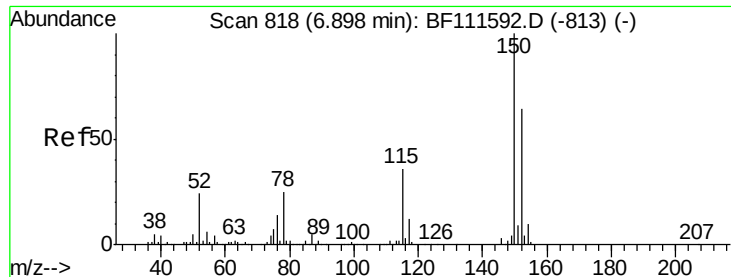
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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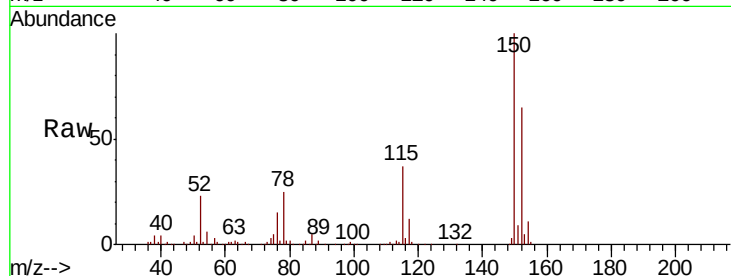


#1

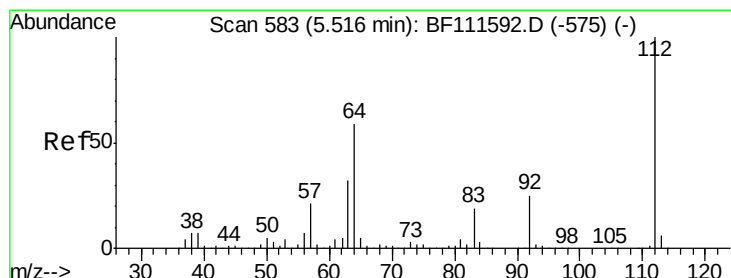
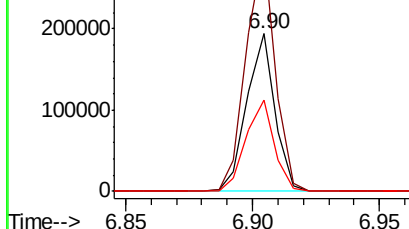
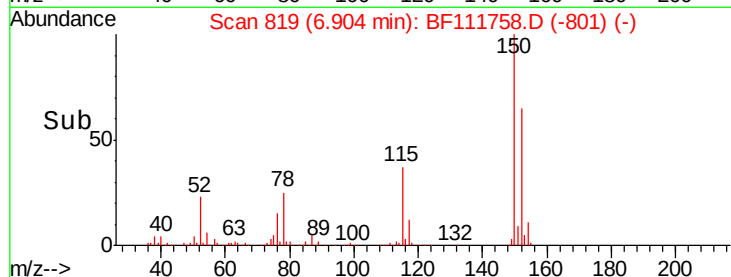
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01

Tgt Ion	Resp	Lower	Upper
152	149736		
150	154.7	126.6	189.8
115	57.7	50.7	76.1



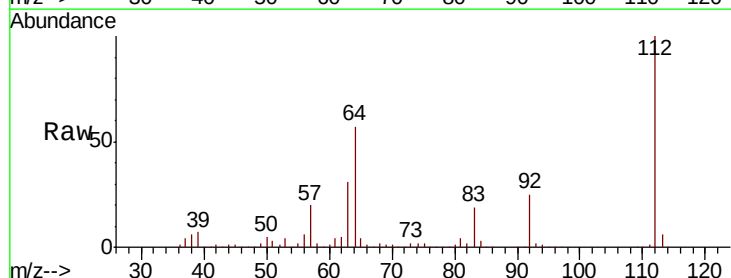
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



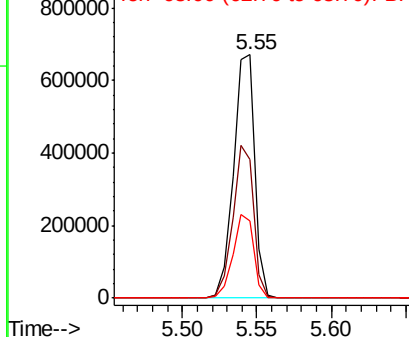
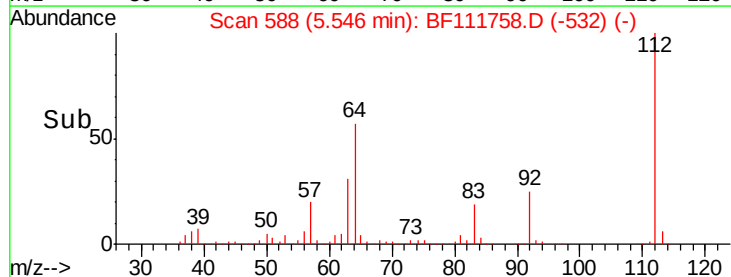
#5

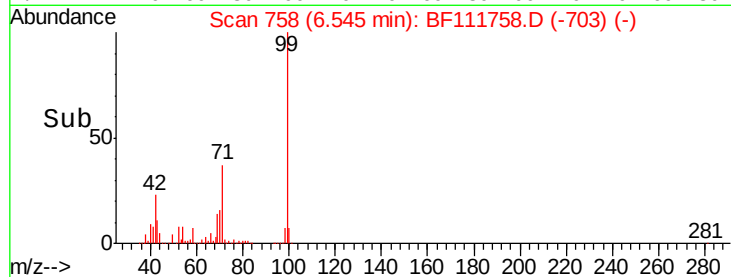
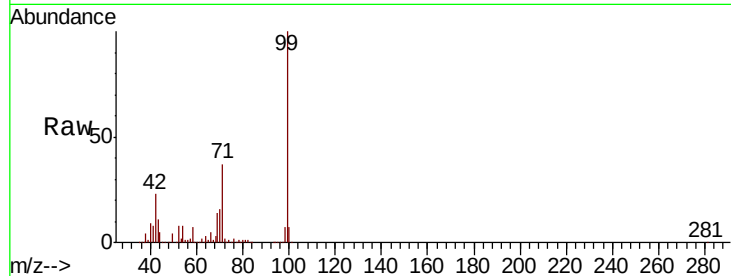
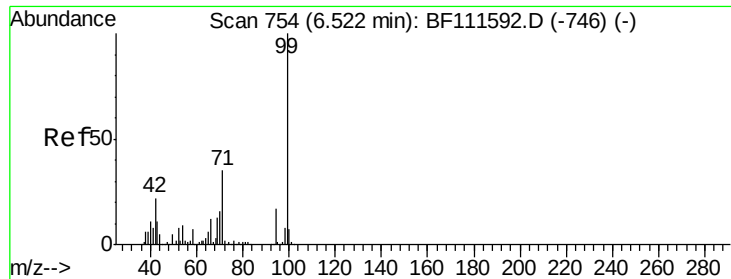
2-Fluorophenol
Concen: 76.968 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Tgt Ion	Resp	Lower	Upper
112	676135		
112	100		
64	57.2	51.8	77.6
63	31.5	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: 76.821 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01

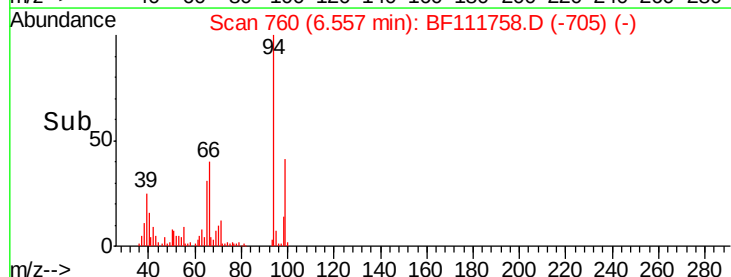
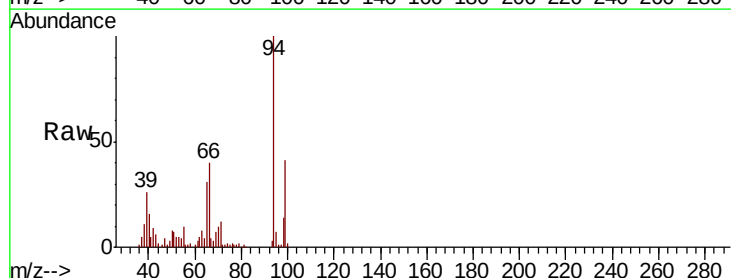
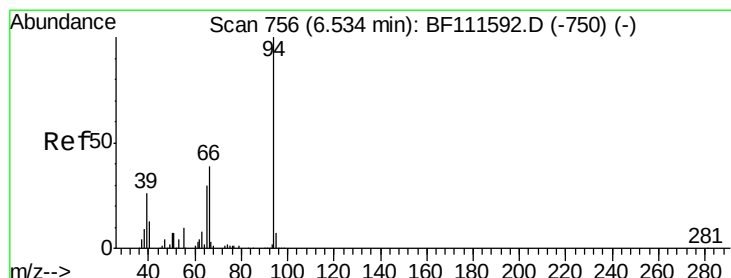
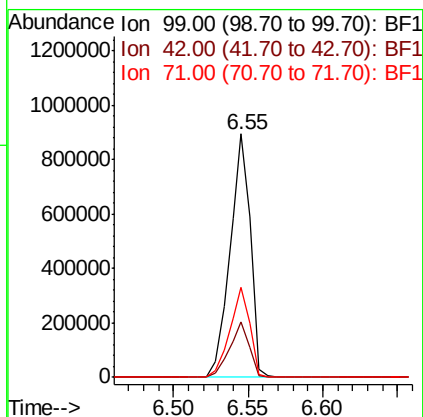
Tgt Ion: 99 Resp: 858840

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

71 37.1 26.1 39.1



#10

Phenol

Concen: 3.651 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

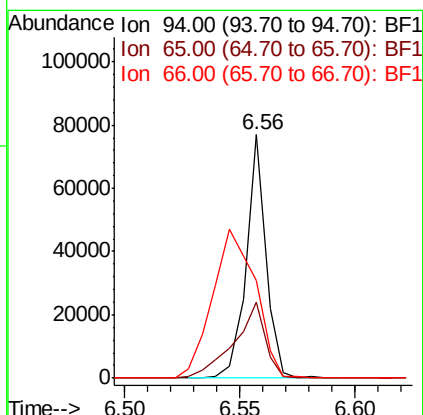
Tgt Ion: 94 Resp: 46059

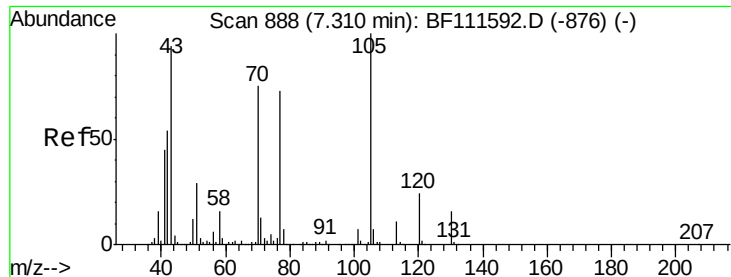
Ion Ratio Lower Upper

94 100

65 31.0 11.7 51.7

66 40.3 21.0 61.0

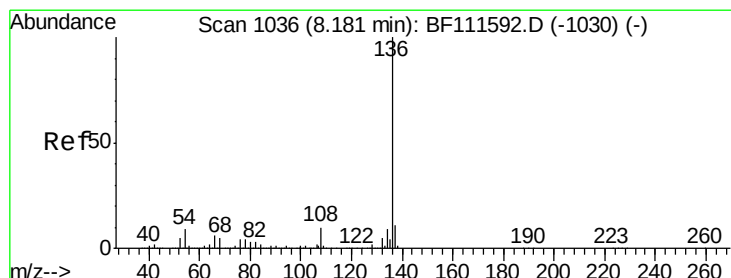
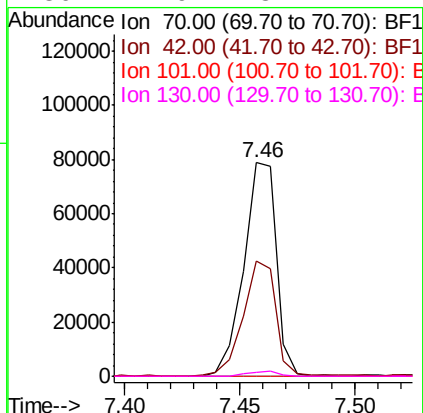
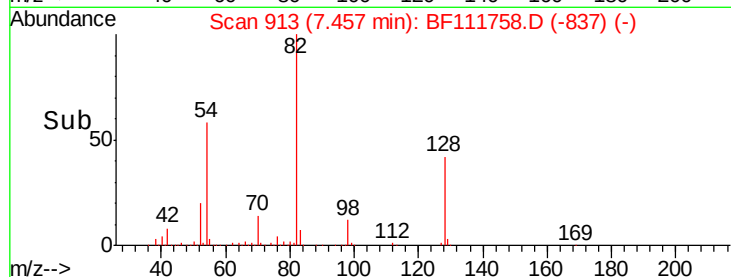
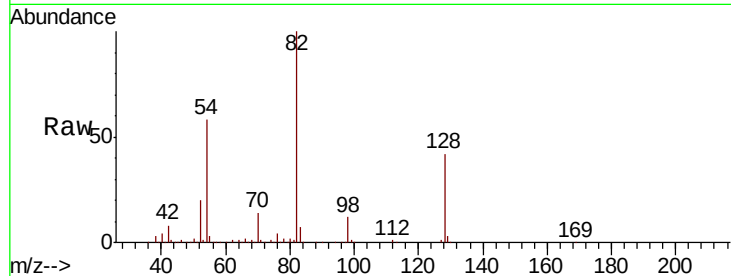




#19
n-Nitroso-di-n-propylamine
Concen: 10.482 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

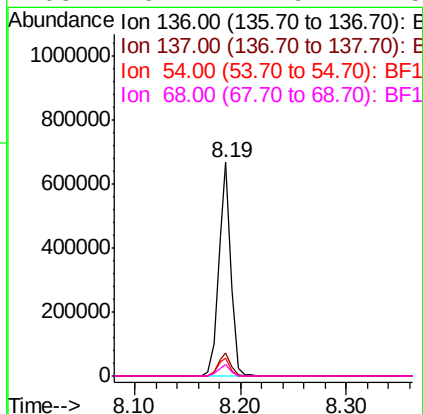
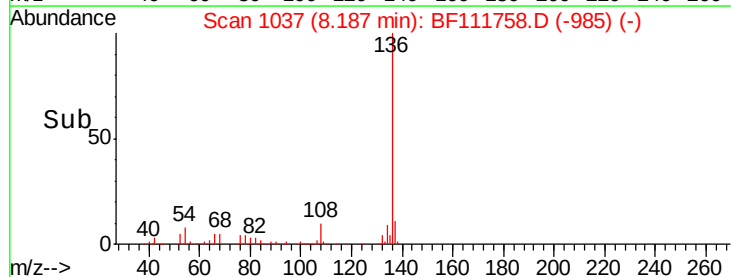
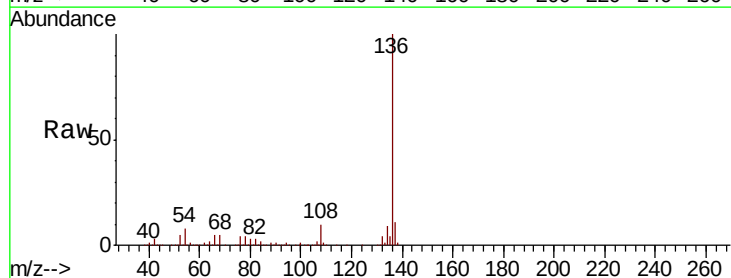
Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01

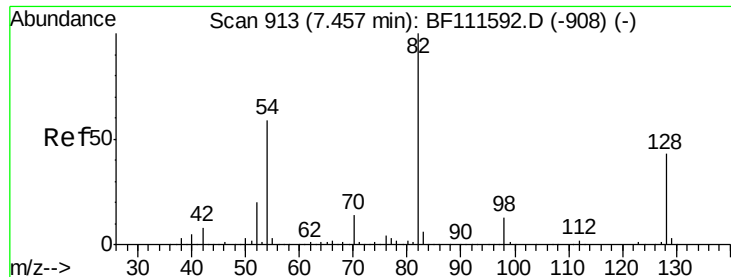
Tgt Ion: 70 Resp: 77822
Ion Ratio Lower Upper
70 100
42 53.7 53.2 79.8
101 0.0 8.2 12.4#
130 1.9 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Tgt Ion: 136 Resp: 536654
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 8.2 7.7 11.5
68 5.1 4.9 7.3

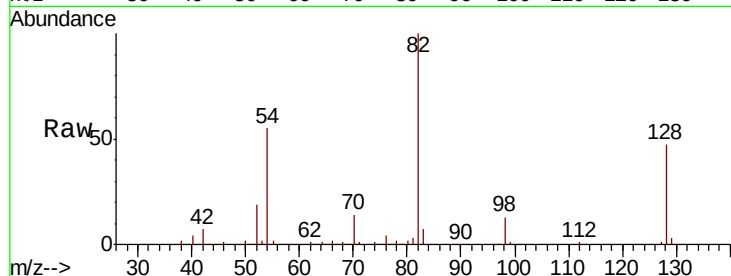




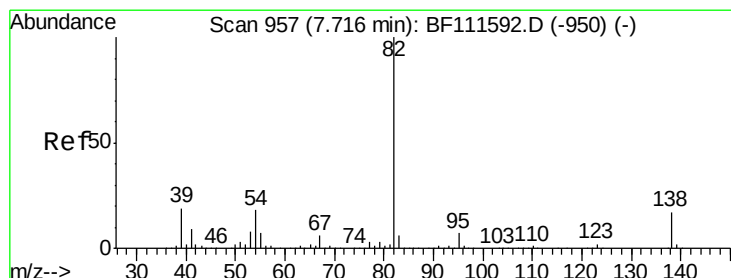
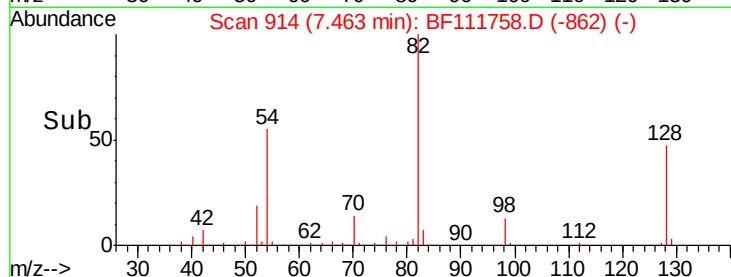
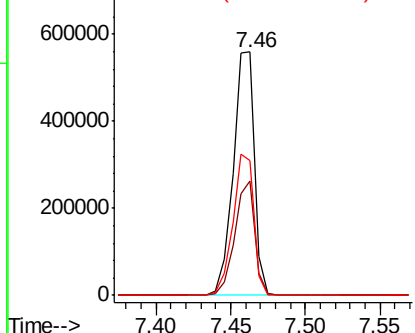
#23
 Nitrobenzene-d5
 Concen: 61.054 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111758.D
 Acq: 27 Dec 2018 13:22

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS022-0612-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.4	56.2
54	55.3	47.6	71.4

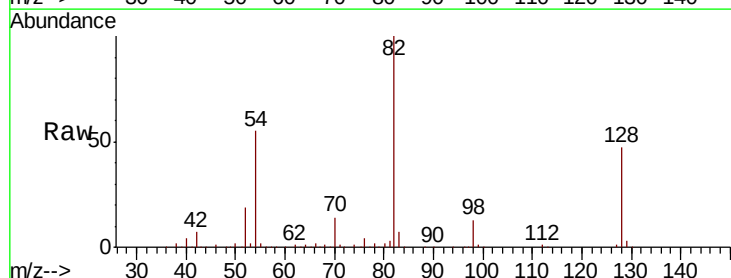


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

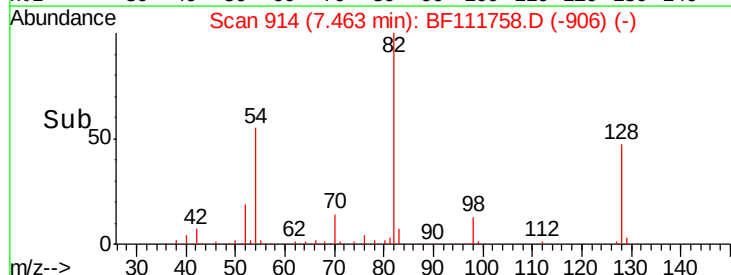
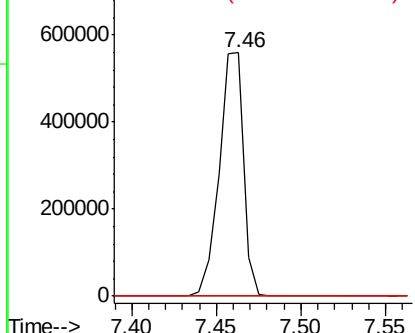


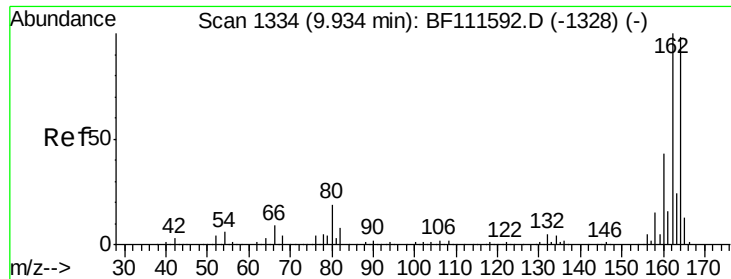
#25
 Isophorone
 Concen: 34.227 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.25 min
 Lab File: BF111758.D
 Acq: 27 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	15.1	22.7#



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): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01

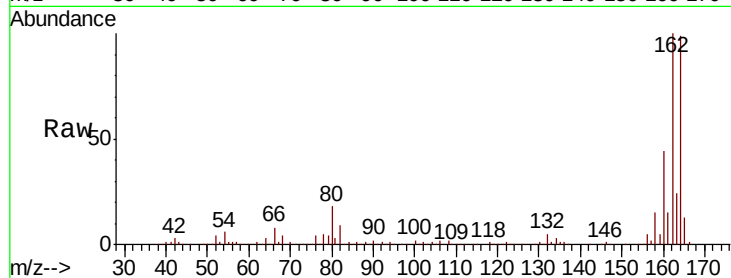
Tgt Ion:164 Resp: 246983

Ion Ratio Lower Upper

164 100

162 100.9 81.4 122.0

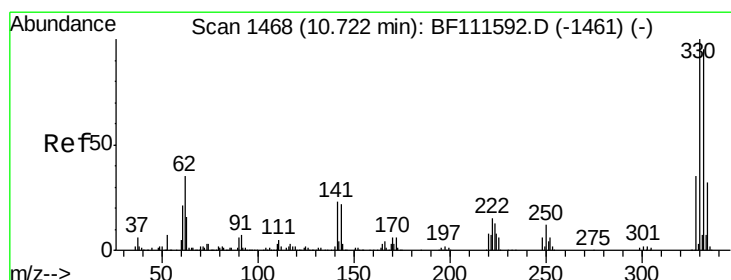
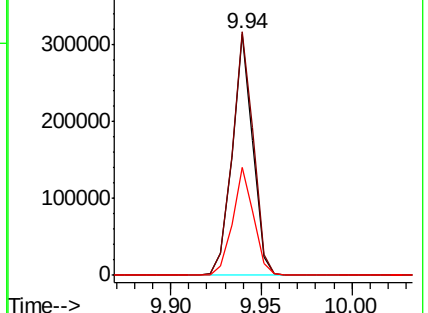
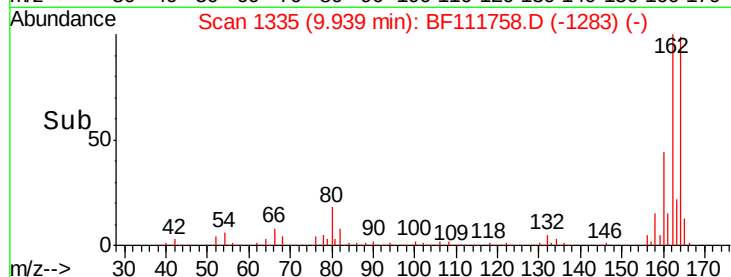
160 44.8 35.7 53.5



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



#42

2,4,6-Tribromophenol

Concen: 74.341 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

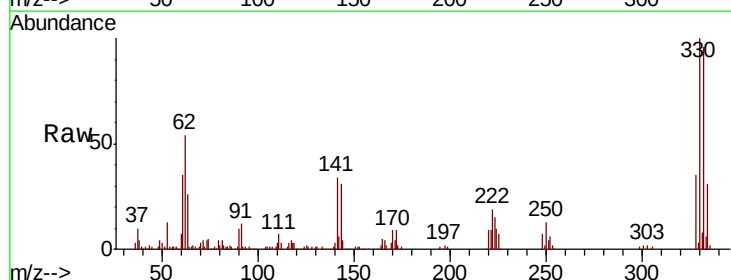
Tgt Ion:330 Resp: 216950

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

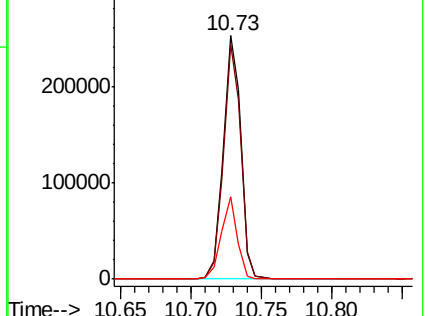
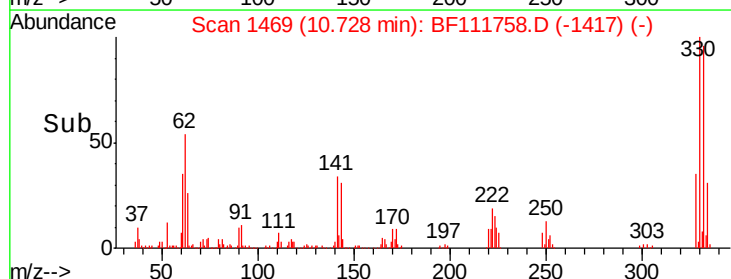
141 30.8 31.0 46.6#

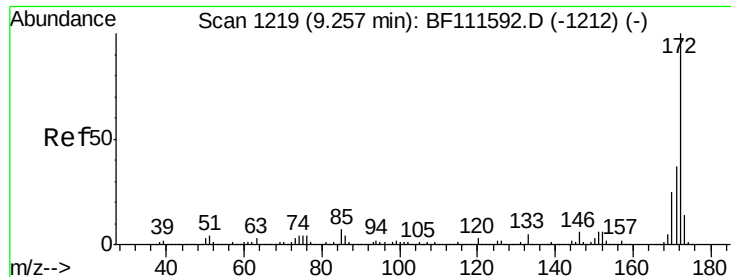


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

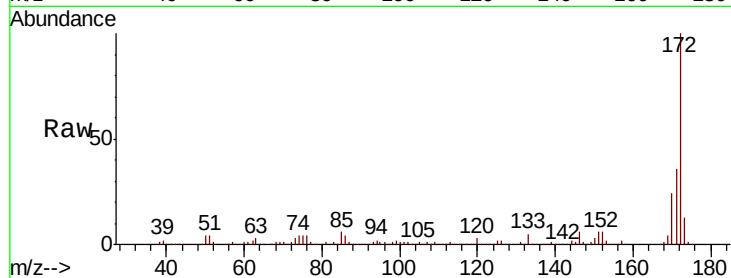




#45
2-Fluorobiphenyl
Concen: 58.529 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	33.0	49.4
170	24.1	22.3	33.5

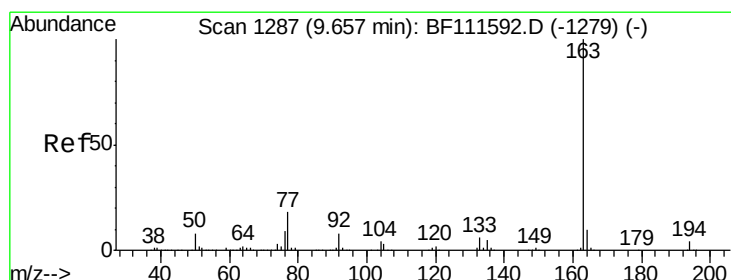
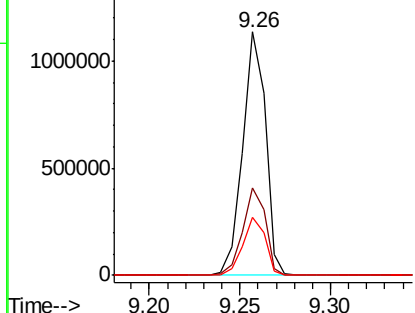
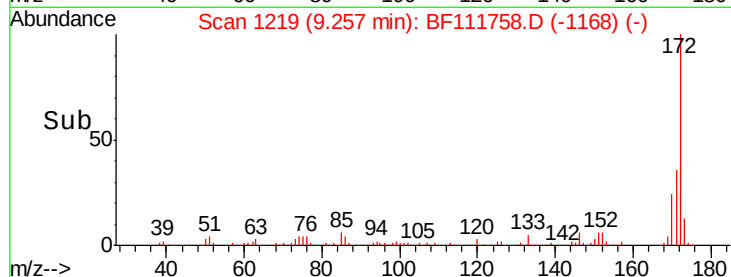


Abundance

Ion 172.00 (171.70 to 172.70): E

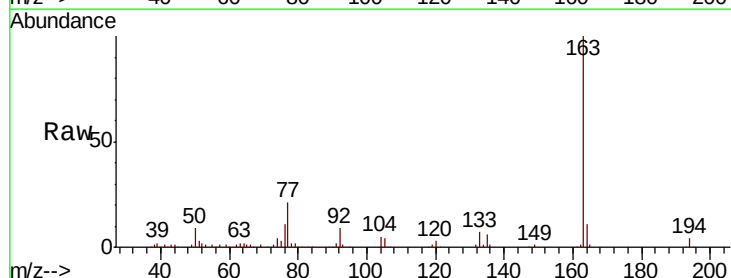
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 6.044 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.9	8.9	13.3

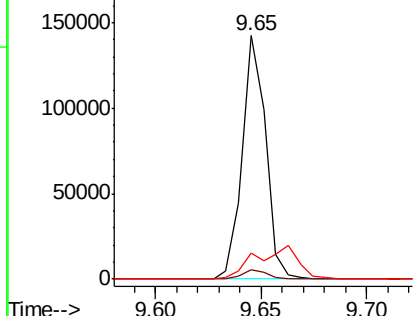
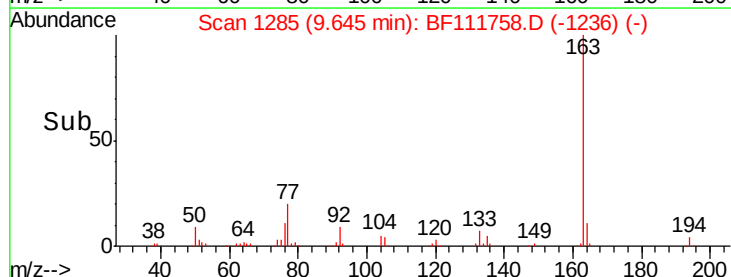


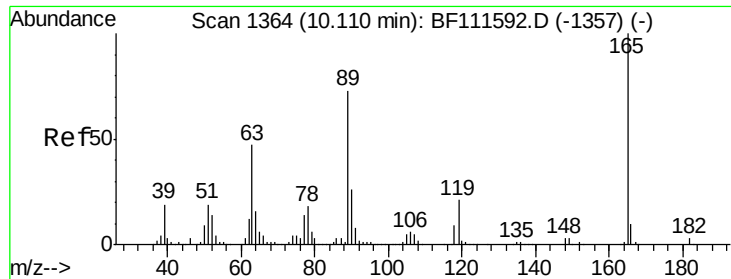
Abundance

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





#57

2,4-Dinitrotoluene

Concen: 7.331 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.17 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01

Tgt Ion:165 Resp: 31733

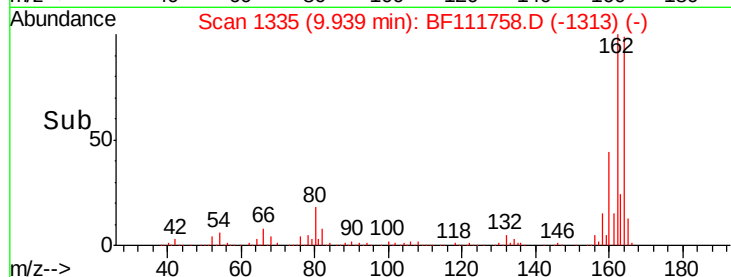
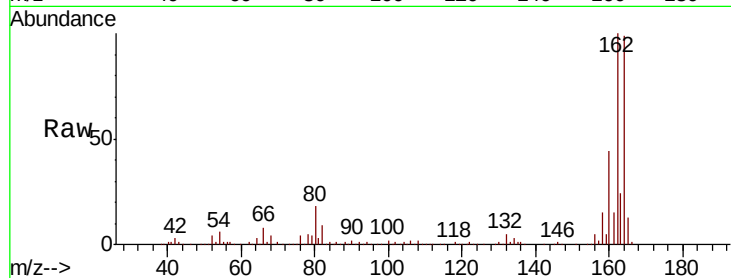
Ion Ratio Lower Upper

165 100

63 1.8 34.6 52.0#

89 1.7 56.2 84.4#

182 0.0 1.8 2.6#

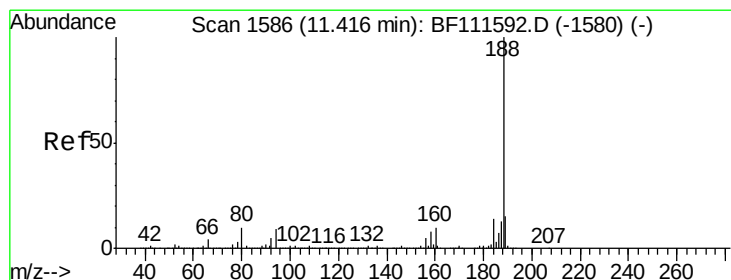
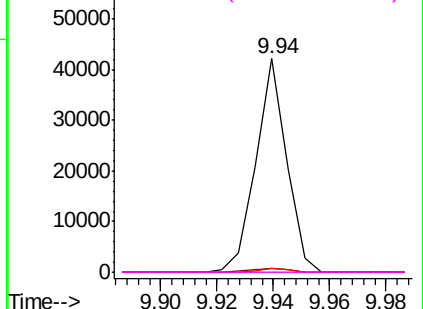


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

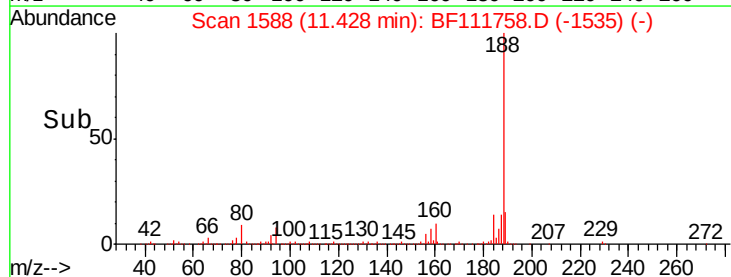
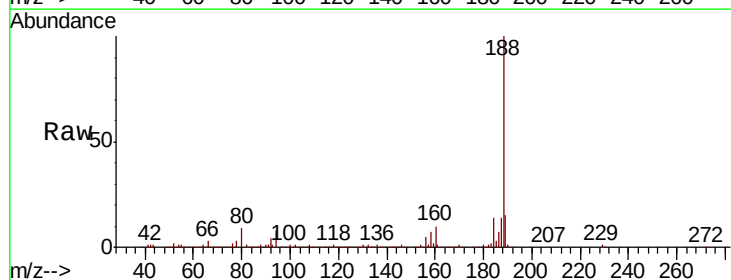
Tgt Ion:188 Resp: 402075

Ion Ratio Lower Upper

188 100

94 7.8 9.6 14.4#

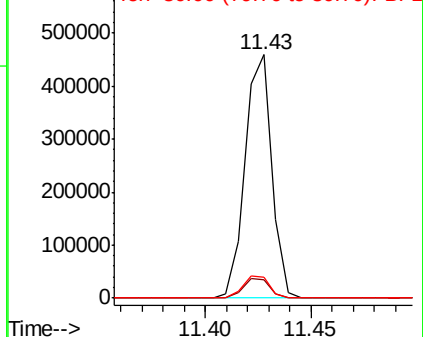
80 8.5 9.8 14.6#

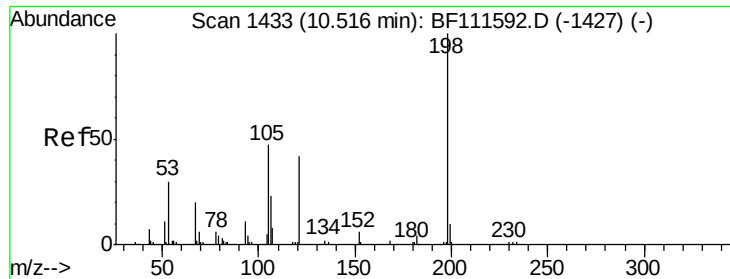


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

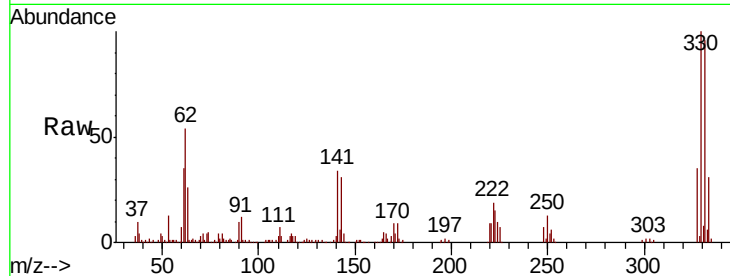




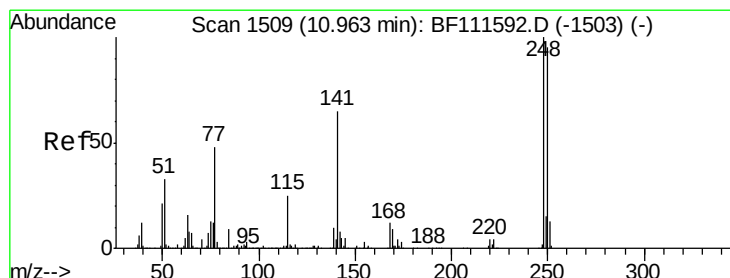
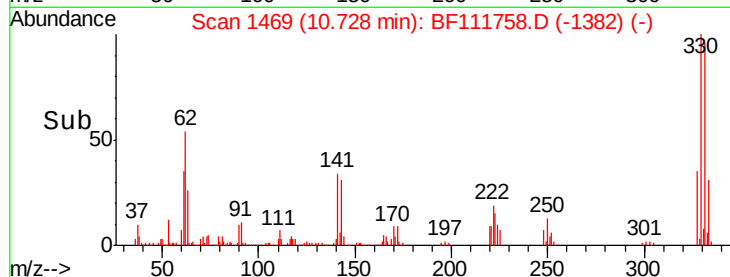
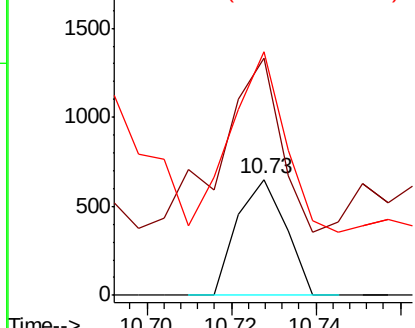
#65
4,6-Dinitro-2-methylphenol
Concen: 6.961 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.21 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Instrument :
BNA_F
ClientSampleId :
P001-SS022-0612-01

Tgt Ion:198 Resp: 517
Ion Ratio Lower Upper
198 100
51 204.9 48.0 88.0#
105 210.0 34.0 74.0#

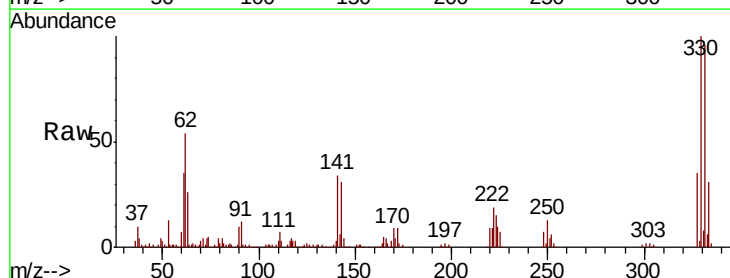


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

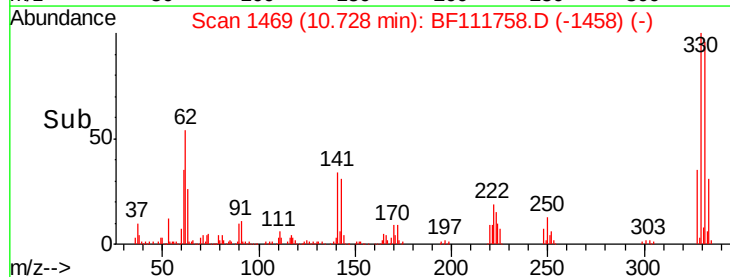
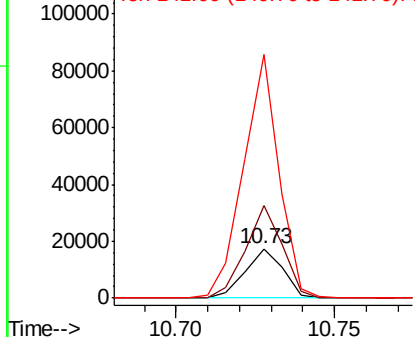


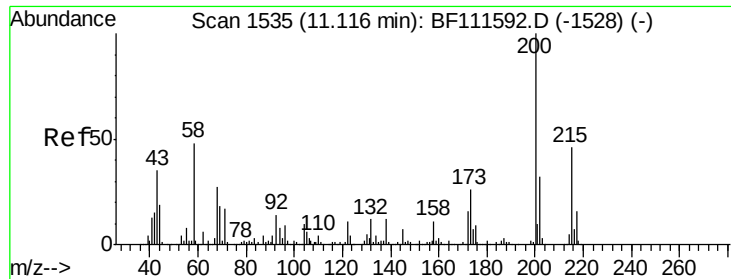
#67
4-Bromophenyl-phenylether
Concen: 2.847 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111758.D
Acq: 27 Dec 2018 13:22

Tgt Ion:248 Resp: 14196
Ion Ratio Lower Upper
248 100
250 187.9 77.0 115.4#
141 494.2 63.0 94.6#



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





#69

Atrazine

Concen: 2.674 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01

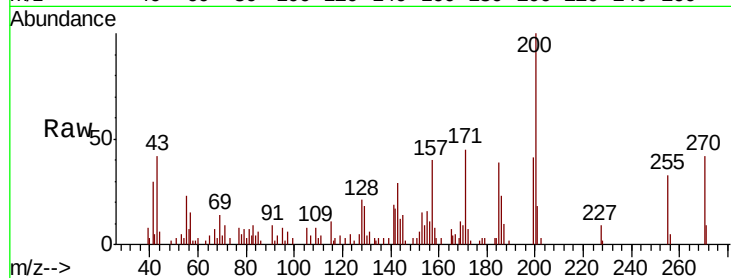
Tgt Ion:200 Resp: 12536

Ion Ratio Lower Upper

200 100

173 2.1 10.1 50.1#

215 0.0 26.9 66.9#

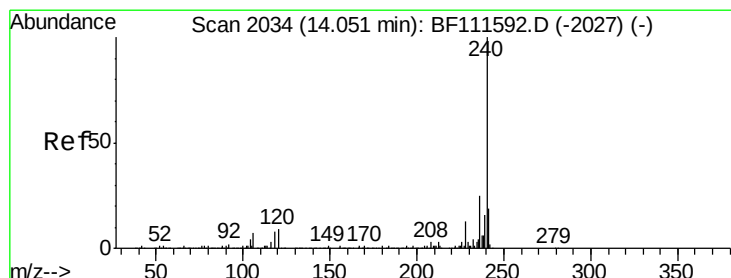
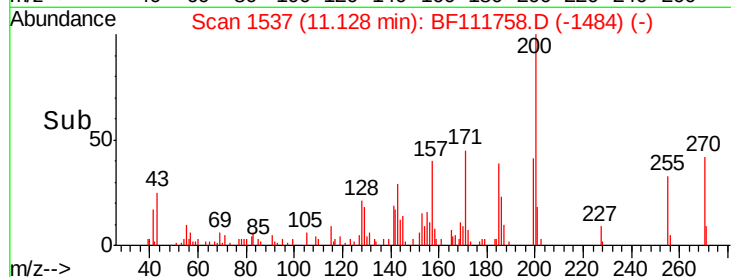
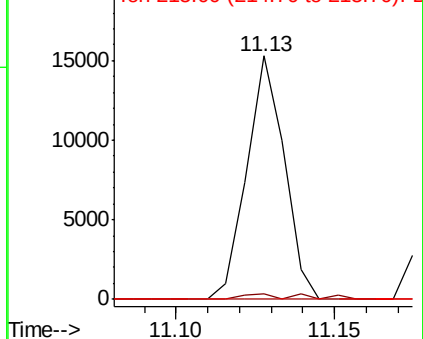


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

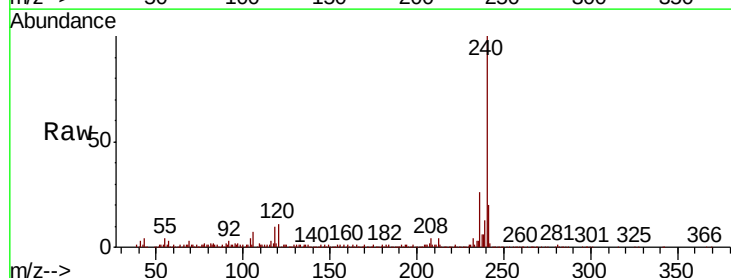
Tgt Ion:240 Resp: 353270

Ion Ratio Lower Upper

240 100

120 10.7 12.2 18.2#

236 25.7 20.2 30.2

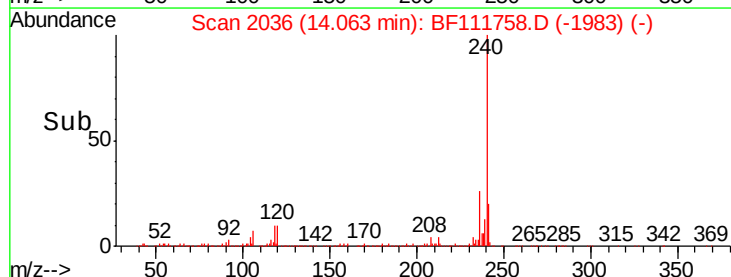
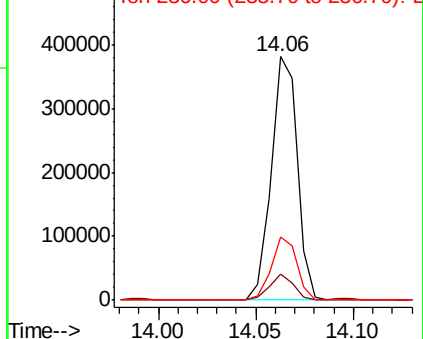


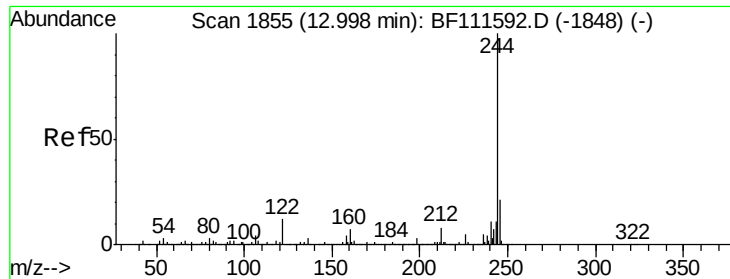
Abundance

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





#79

Terphenyl-d14

Concen: 42.107 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

Instrument :

BNA_F

ClientSampleId :

P001-SS022-0612-01

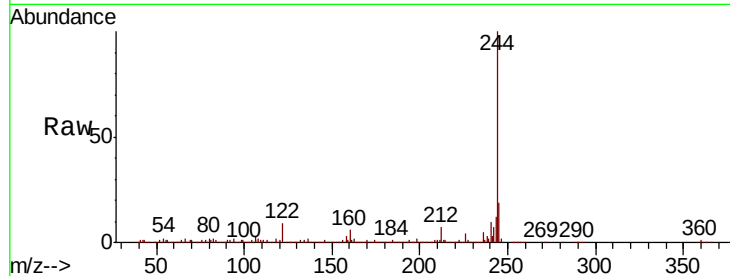
Tgt Ion:244 Resp: 784380

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

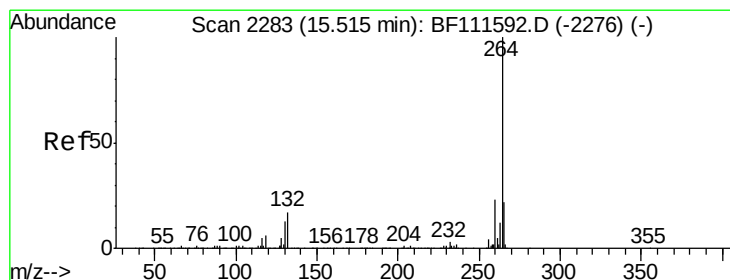
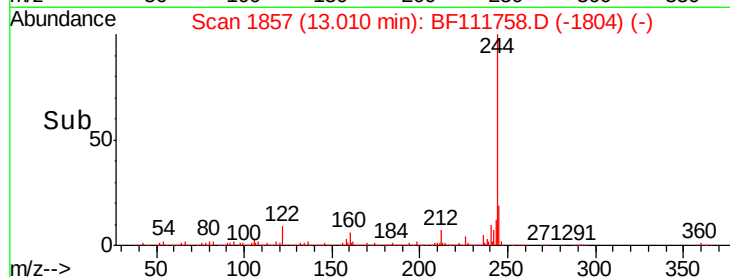
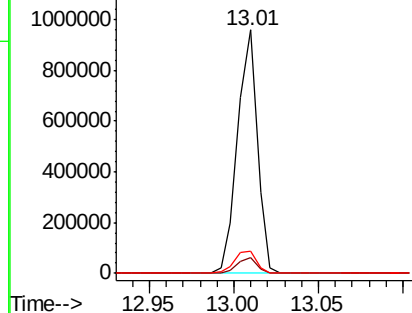
122 9.3 13.1 19.7#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111758.D

Acq: 27 Dec 2018 13:22

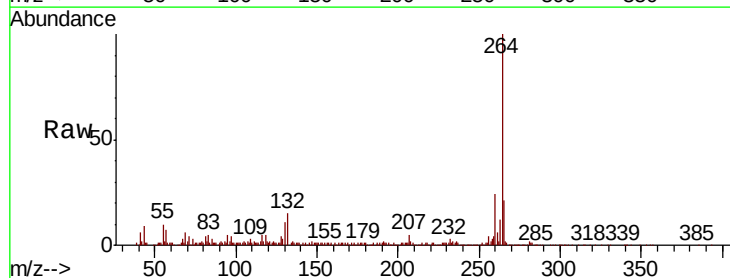
Tgt Ion:264 Resp: 291953

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 20.7 17.7 26.5



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

