

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122718\
 Data File : BF111757.D
 Acq On : 27 Dec 2018 12:55
 Operator : JU/SJ
 Sample : J6446-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-1824-01

Quant Time: Dec 28 00:12:17 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

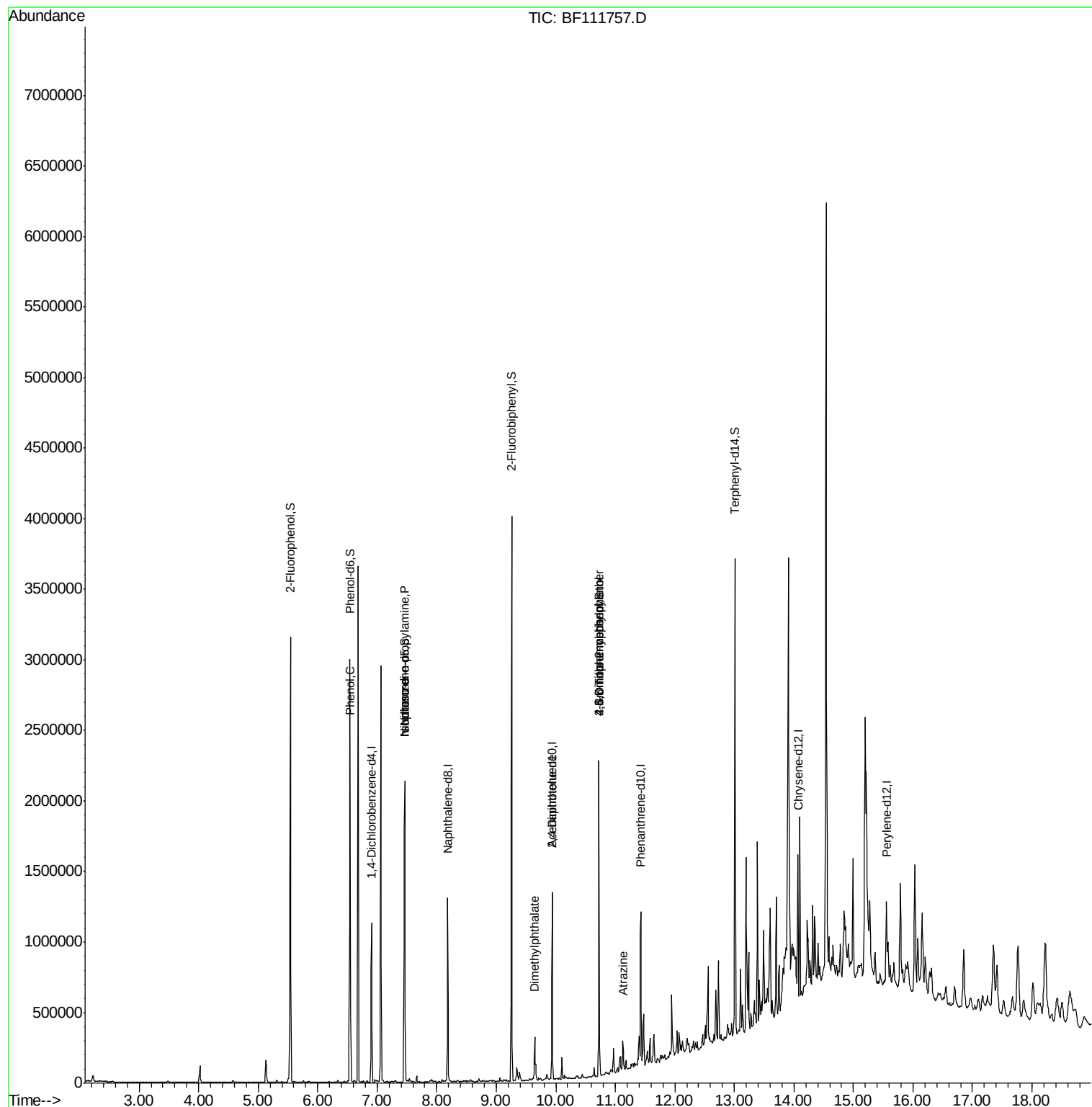
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	148593	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	531034	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	235522	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	383981	20.00	ng	0.01
76) Chrysene-d12	14.07	240	358512	20.00	ng	0.02
87) Perylene-d12	15.56	264	293604	20.00	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	818773	93.92	ng	0.03
7) Phenol-d6	6.55	99	1037630	93.53	ng	0.02
23) Nitrobenzene-d5	7.46	82	667479	73.16	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	255612	91.85	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1173142	72.60	ng	0.00
79) Terphenyl-d14	13.01	244	1059852	56.06	ng	0.01
Target Compounds						
10) Phenol	6.56	94	60899	4.865	ng	99
19) n-Nitroso-di-n-propylamine	7.46	70	90871	12.333	ng	# 76
25) Isophorone	7.46	82	663850	40.988	ng	# 64
50) Dimethylphthalate	9.65	163	102644	5.960	ng	99
57) 2,4-Dinitrotoluene	9.94	165	30393	7.364	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	605	7.021	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	15951	3.349	ng	# 1
69) Atrazine	11.13	200	21669	4.839	ng	# 38

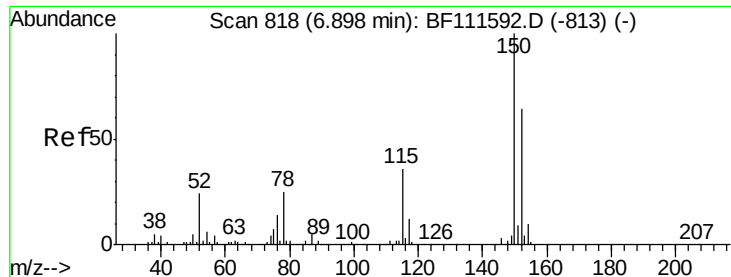
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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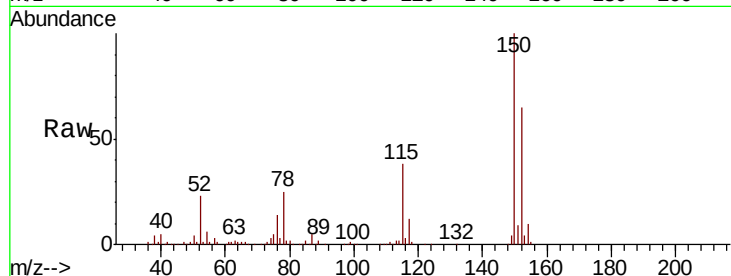


#1

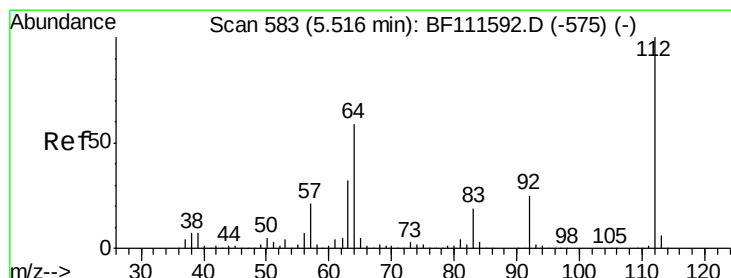
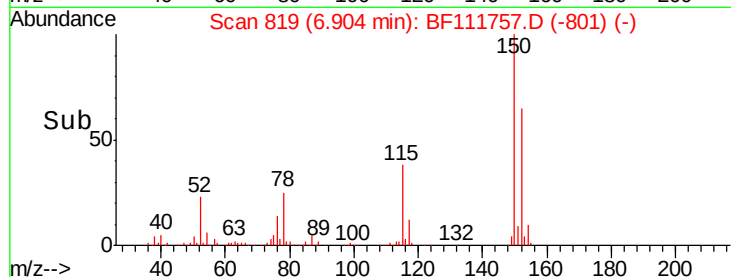
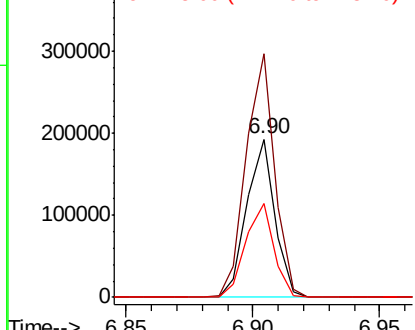
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

Instrument :
BNA_F
ClientSampleId :
P001-SS021-1824-01

Tgt Ion:152 Resp: 148593
Ion Ratio Lower Upper
152 100
150 153.9 126.6 189.8
115 59.0 50.7 76.1



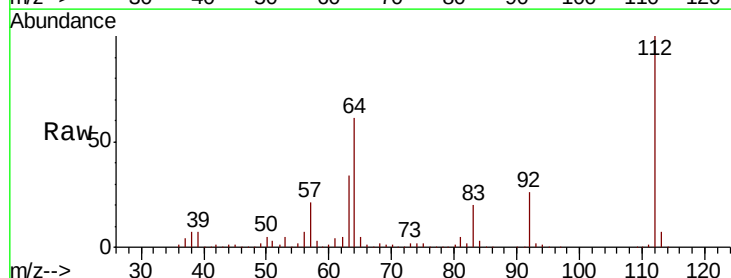
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



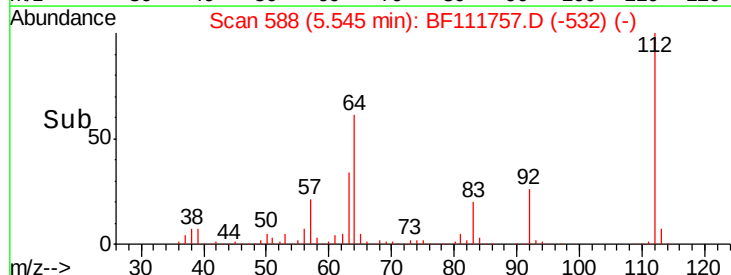
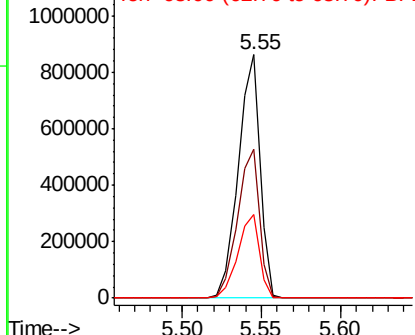
#5

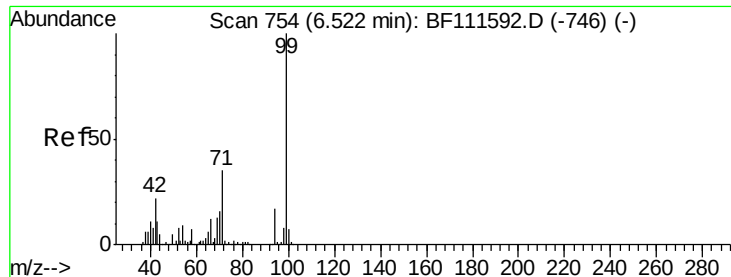
2-Fluorophenol
Concen: 93.923 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.03 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

Tgt Ion:112 Resp: 818773
Ion Ratio Lower Upper
112 100
64 61.2 51.8 77.6
63 34.3 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: 93.528 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1824-01

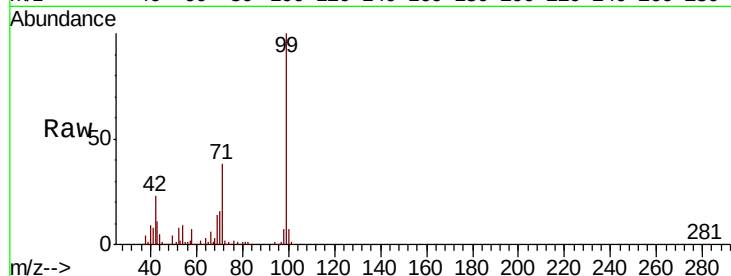
Tgt Ion: 99 Resp: 1037630

Ion Ratio Lower Upper

99 100

42 22.9 17.4 26.0

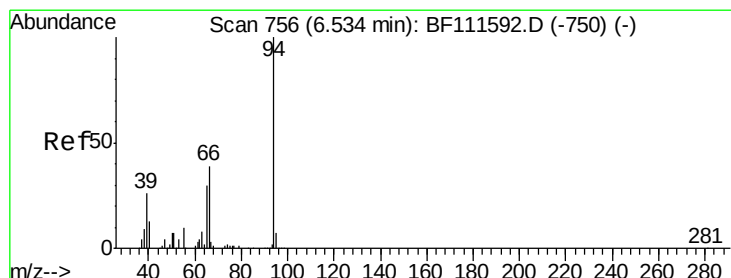
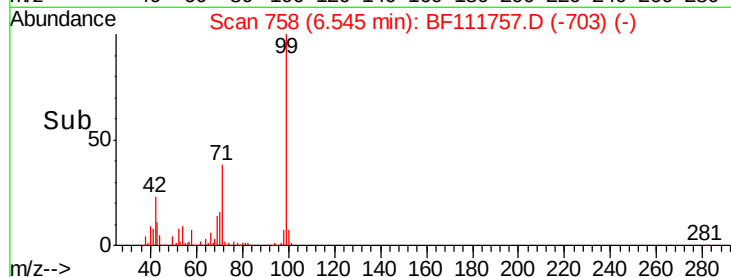
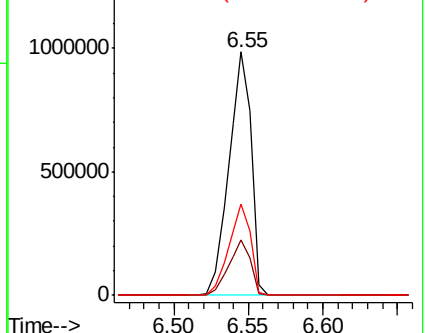
71 37.7 26.1 39.1



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: 4.865 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

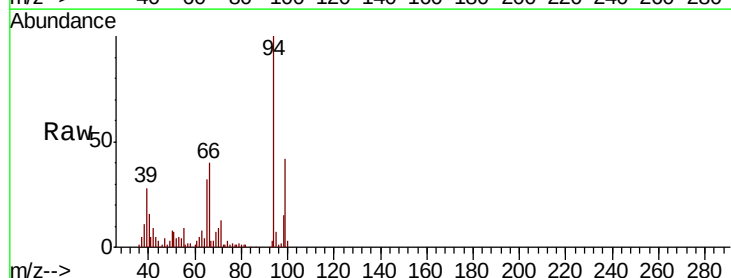
Tgt Ion: 94 Resp: 60899

Ion Ratio Lower Upper

94 100

65 32.0 11.7 51.7

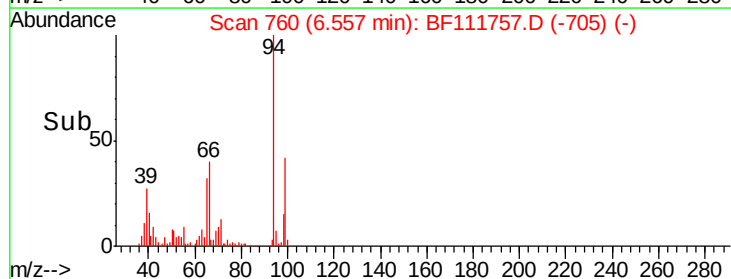
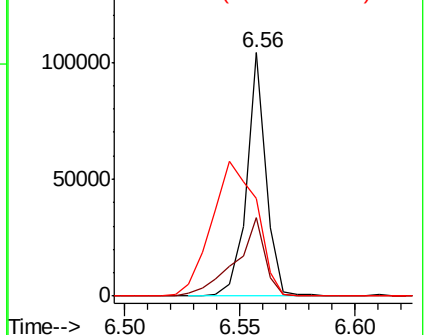
66 40.4 21.0 61.0

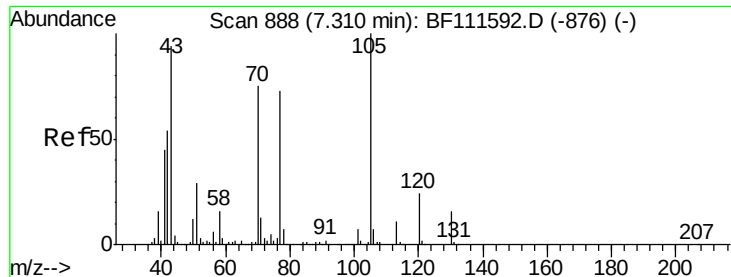


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

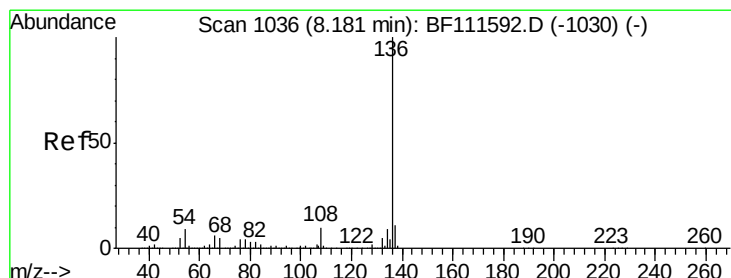
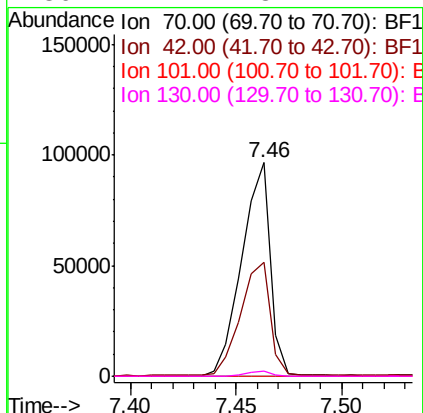
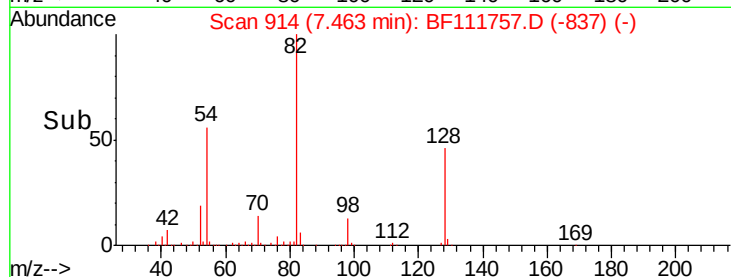
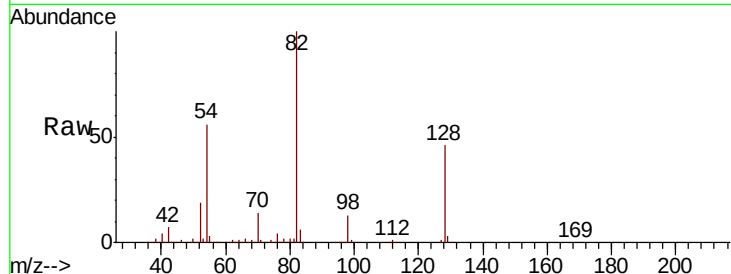




#19
n-Nitroso-di-n-propylamine
Concen: 12.333 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.15 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

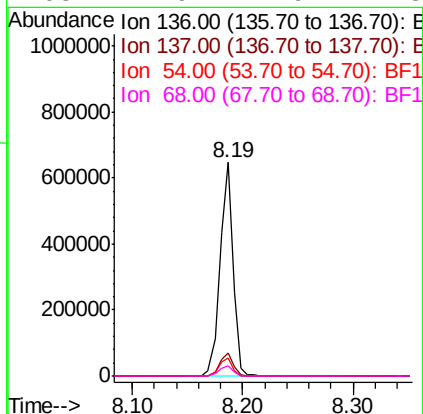
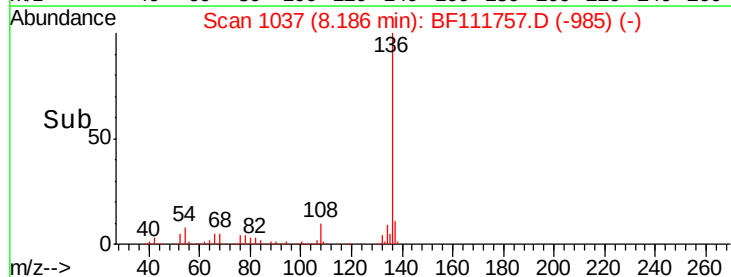
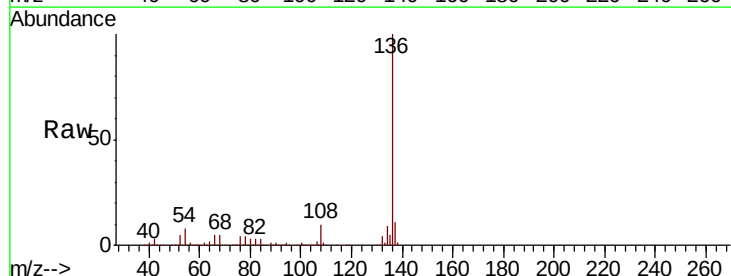
Instrument :
BNA_F
ClientSampleId :
P001-SS021-1824-01

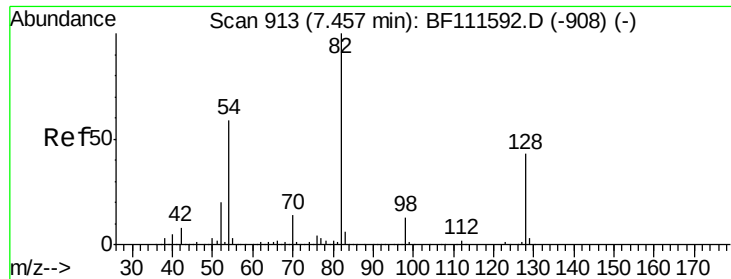
Tgt Ion: 70 Resp: 90871
Ion Ratio Lower Upper
70 100
42 53.4 53.2 79.8
101 0.0 8.2 12.4#
130 2.1 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

Tgt Ion: 136 Resp: 531034
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 8.4 7.7 11.5
68 4.9 4.9 7.3

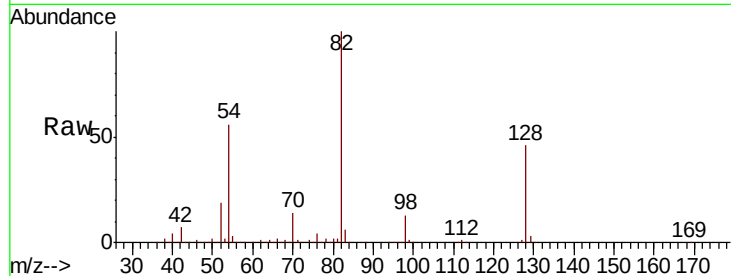




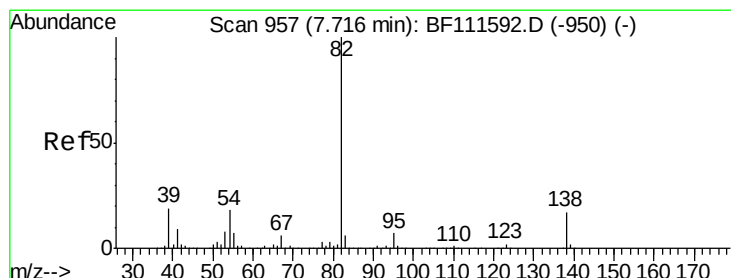
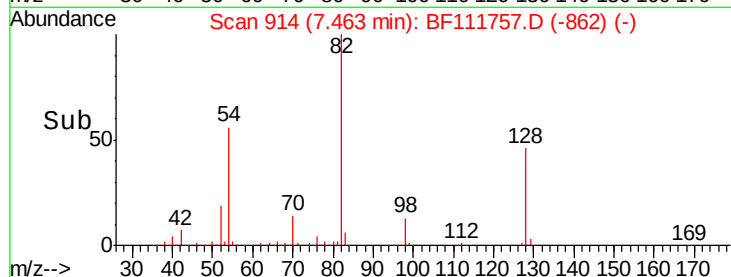
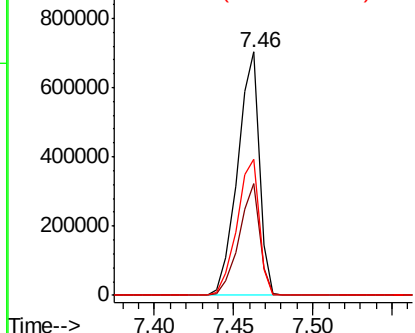
#23
 Nitrobenzene-d5
 Concen: 73.164 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111757.D
 Acq: 27 Dec 2018 12:55

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-1824-01

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.9	37.4	56.2
54	55.8	47.6	71.4

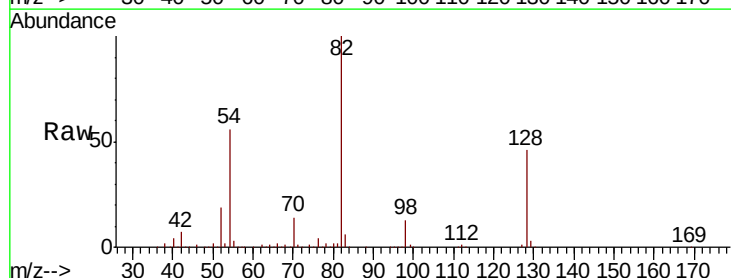


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

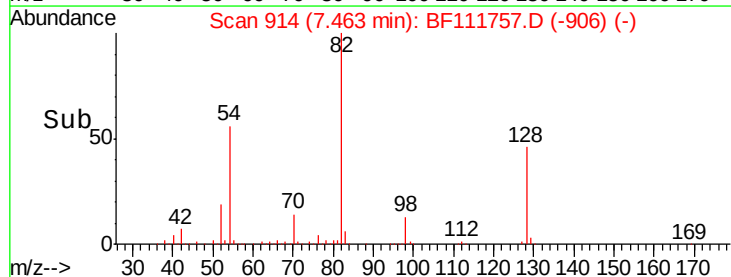
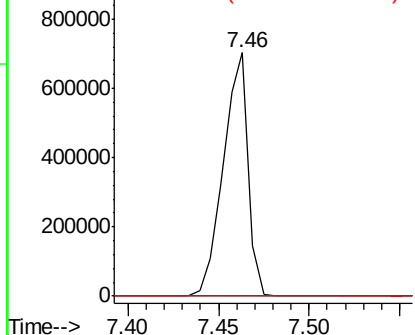


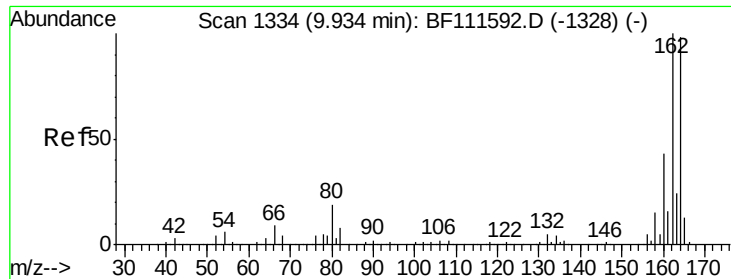
#25
 Isophorone
 Concen: 40.988 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.25 min
 Lab File: BF111757.D
 Acq: 27 Dec 2018 12:55

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: BF111757.D

Acq: 27 Dec 2018 12:55

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1824-01

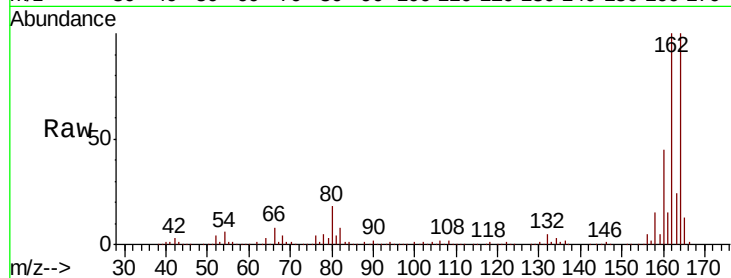
Tgt Ion:164 Resp: 235522

Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

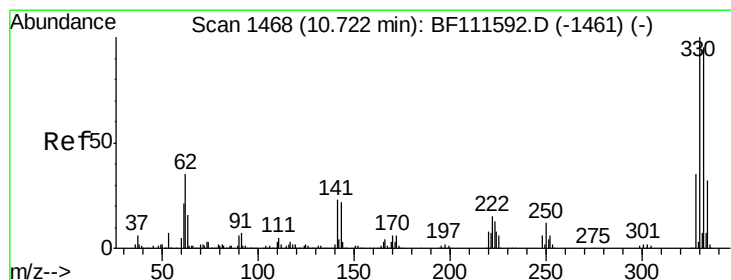
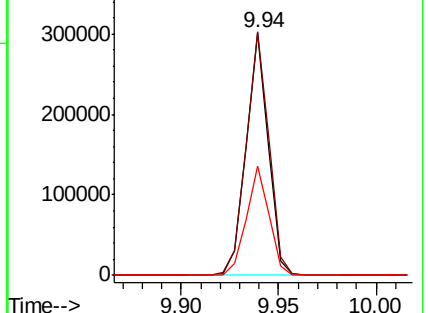
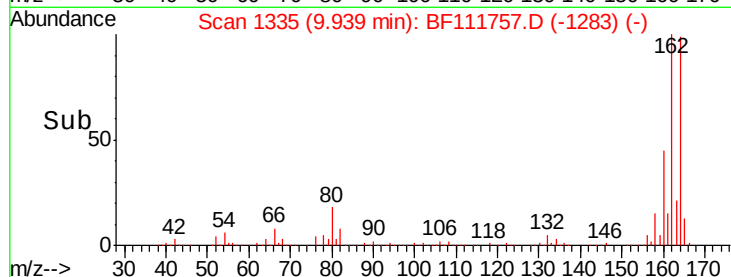
160 45.3 35.7 53.5



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: 91.852 ng

RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

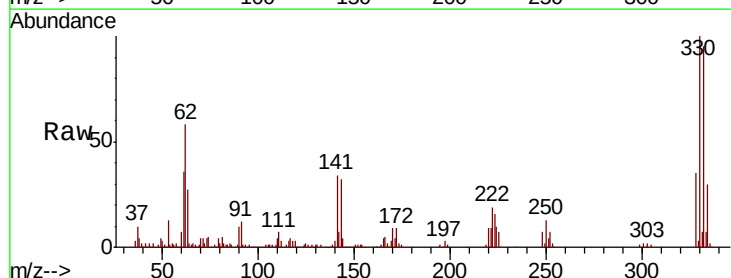
Tgt Ion:330 Resp: 255612

Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

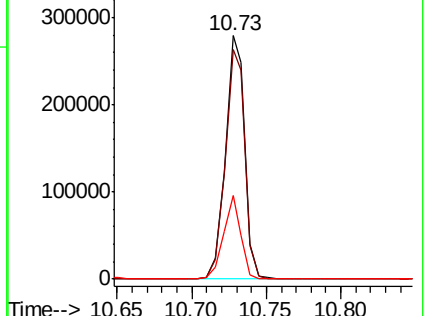
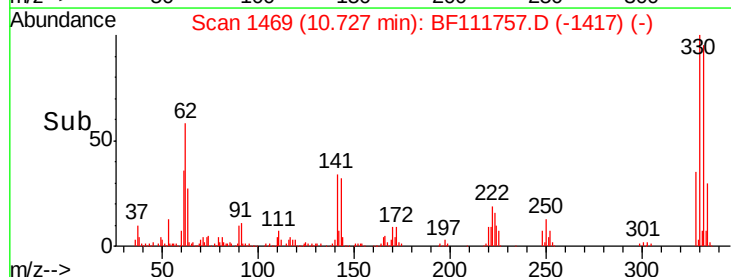
141 31.3 31.0 46.6

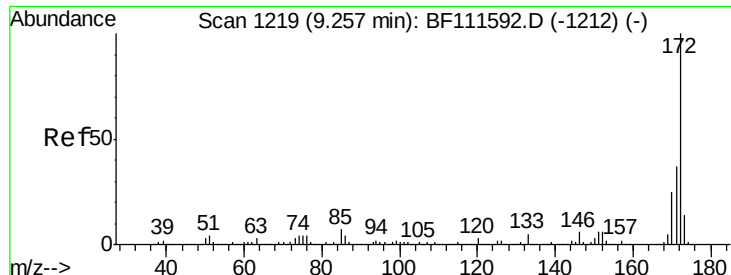


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

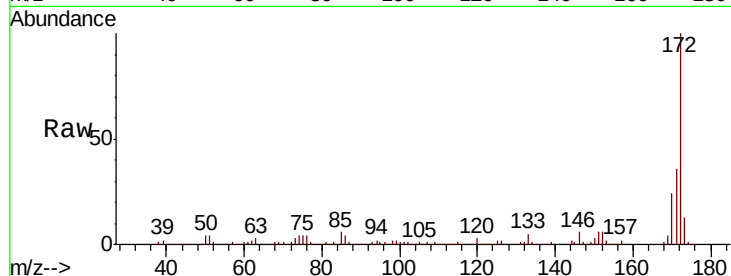




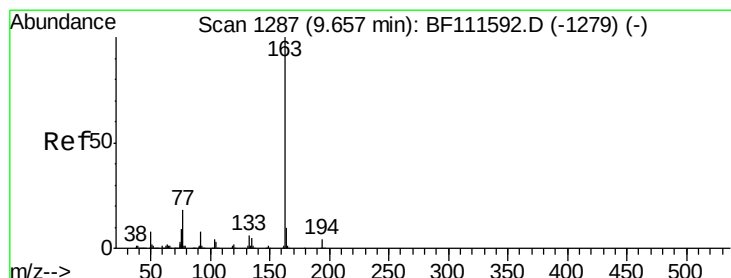
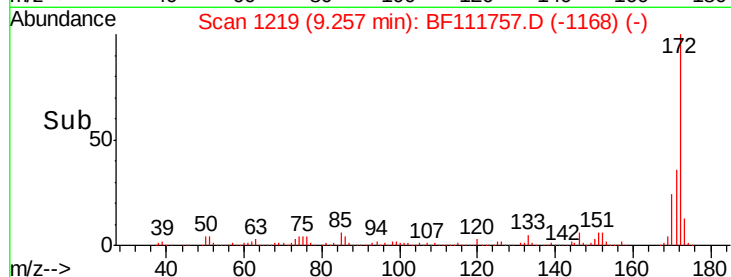
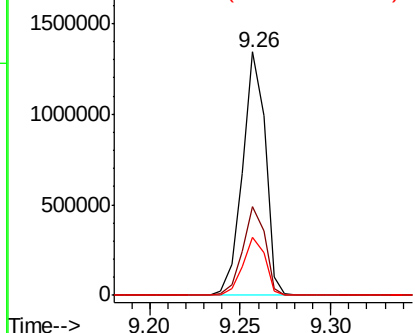
#45
2-Fluorobiphenyl
Concen: 72.602 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

Instrument :
BNA_F
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P001-SS021-1824-01

Tgt Ion:172 Resp: 1173142
Ion Ratio Lower Upper
172 100
171 36.5 33.0 49.4
170 23.9 22.3 33.5

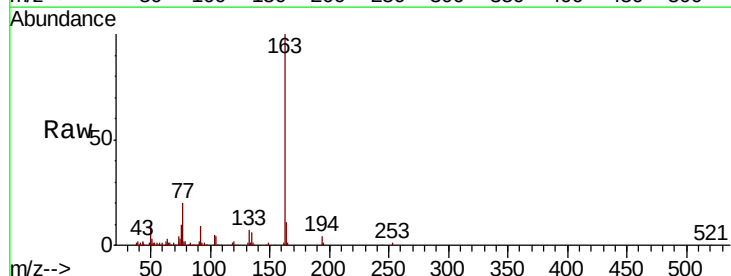


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

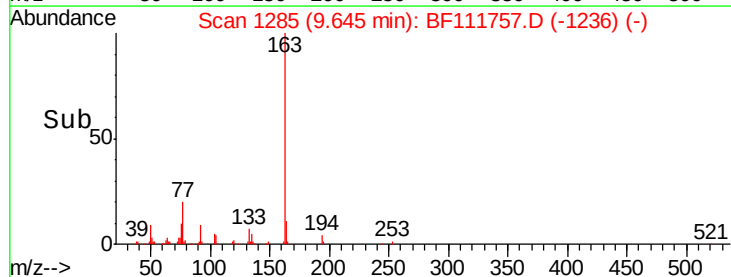
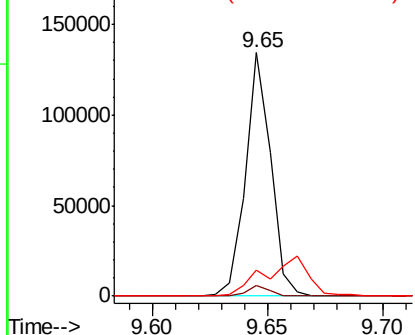


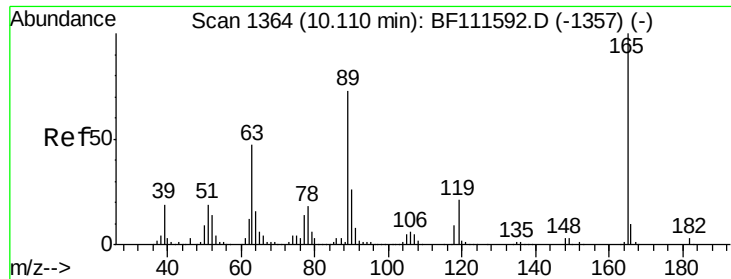
#50
Dimethylphthalate
Concen: 5.960 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111757.D
Acq: 27 Dec 2018 12:55

Tgt Ion:163 Resp: 102644
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.5 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: 7.364 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.17 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

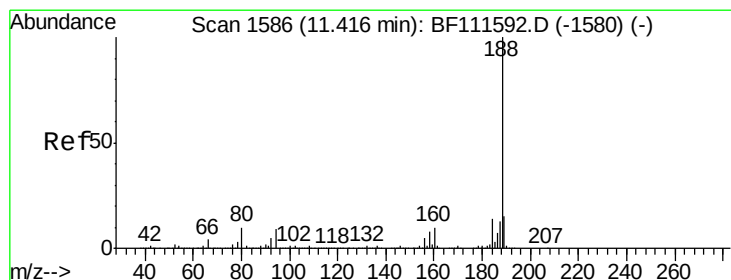
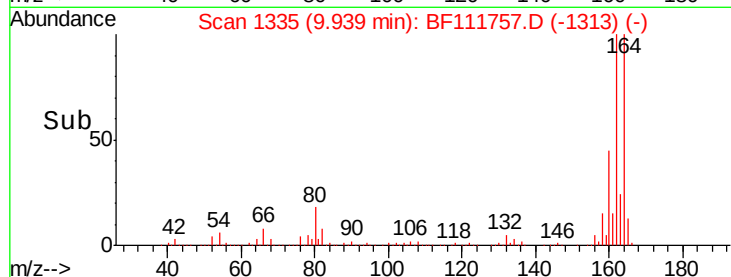
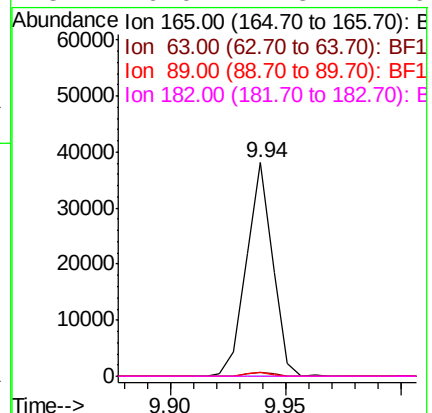
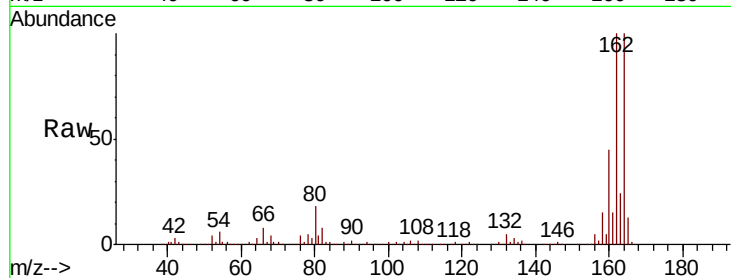
Instrument :

BNA_F

ClientSampleId :

P001-SS021-1824-01

Tgt Ion:	165	Resp:	30393
Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.6	52.0#
89	1.8	56.2	84.4#
182	0.0	1.8	2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

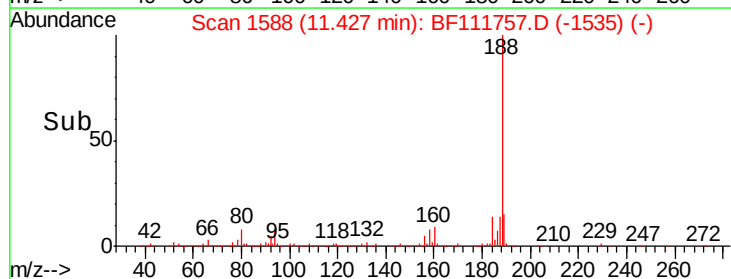
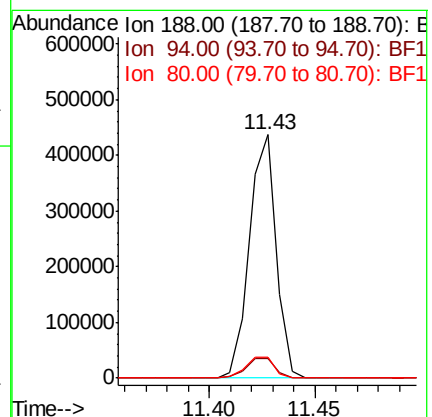
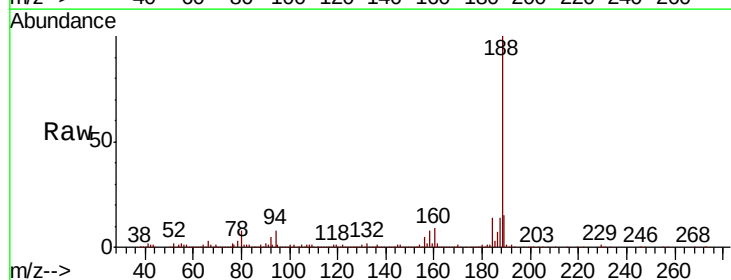
RT: 11.43 min Scan# 1588

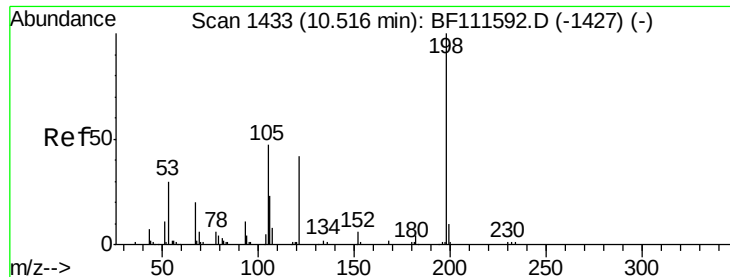
Delta R.T. 0.01 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

Tgt Ion:	188	Resp:	383981
Ion	Ratio	Lower	Upper
188	100		
94	7.8	9.6	14.4#
80	8.5	9.8	14.6#

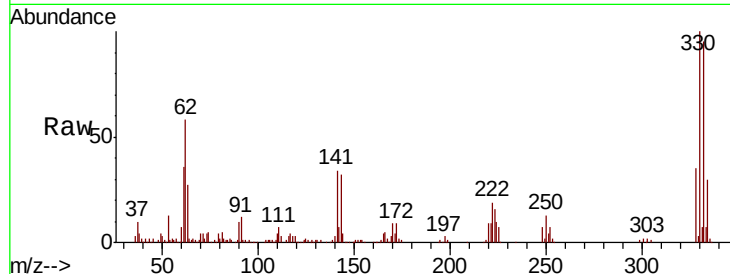




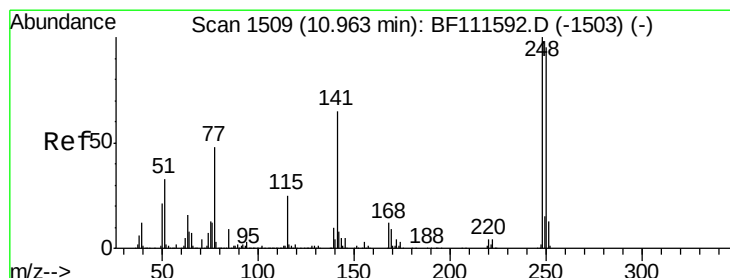
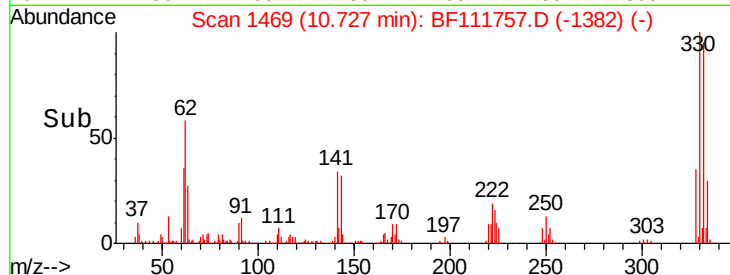
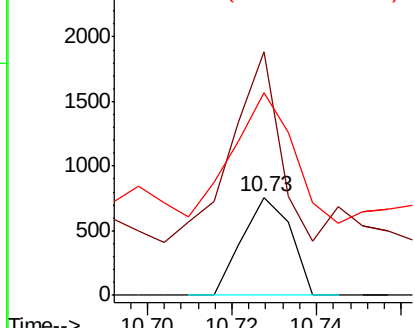
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.021 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.21 min
 Lab File: BF111757.D
 Acq: 27 Dec 2018 12:55

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS021-1824-01

Tgt Ion:198 Resp: 605
 Ion Ratio Lower Upper
 198 100
 51 249.2 48.0 88.0#
 105 206.9 34.0 74.0#

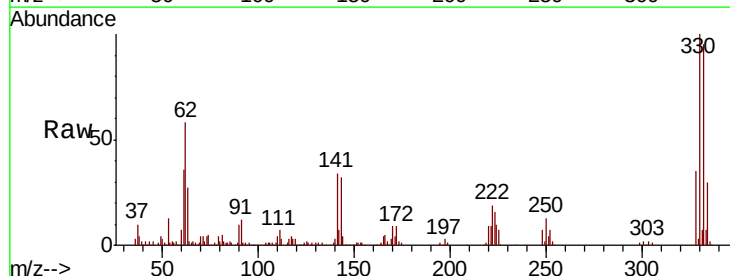


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

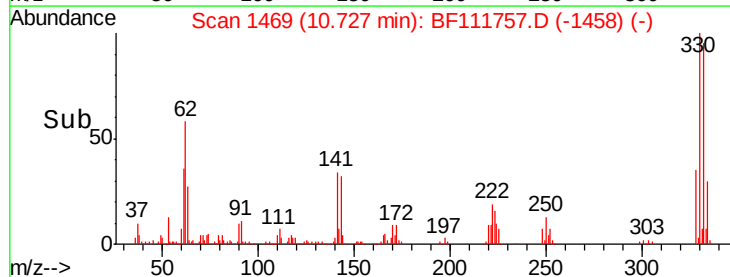
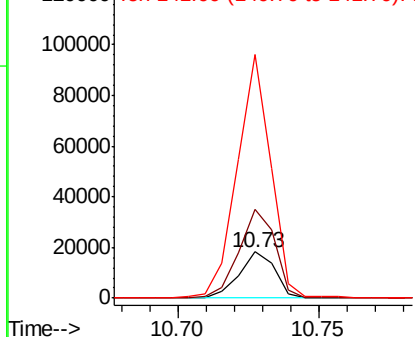


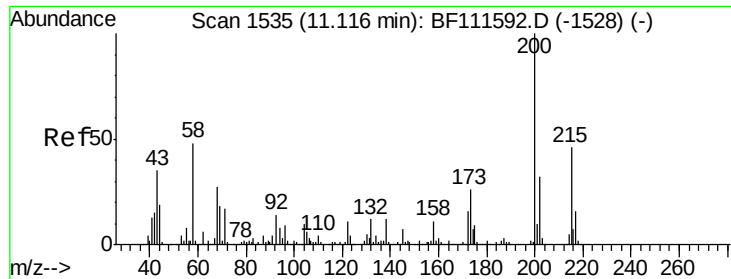
#67
 4-Bromophenyl-phenylether
 Concen: 3.349 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF111757.D
 Acq: 27 Dec 2018 12:55

Tgt Ion:248 Resp: 15951
 Ion Ratio Lower Upper
 248 100
 250 192.6 77.0 115.4#
 141 527.8 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: 4.839 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1824-01

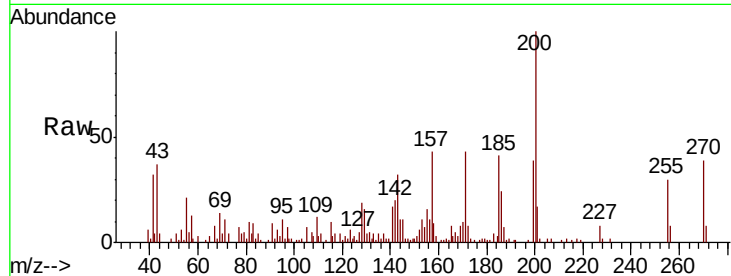
Tgt Ion:200 Resp: 21669

Ion Ratio Lower Upper

200 100

173 1.8 10.1 50.1#

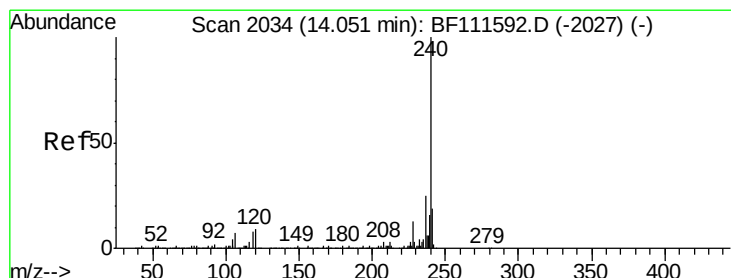
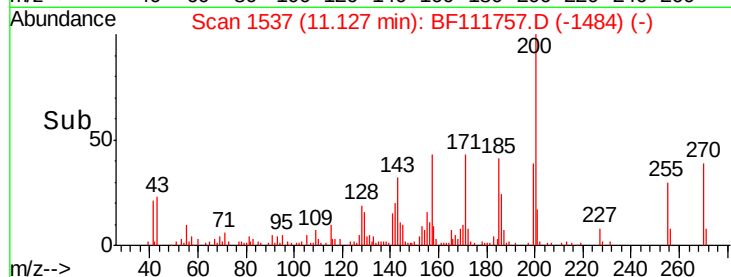
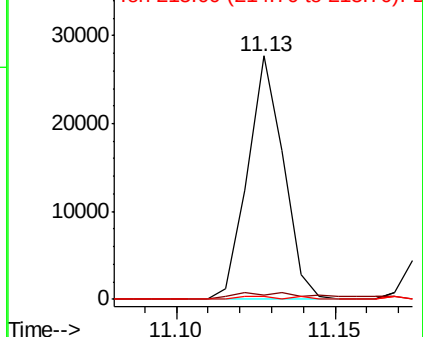
215 1.2 26.9 66.9#



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: 14.07 min Scan# 2037

Delta R.T. 0.02 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

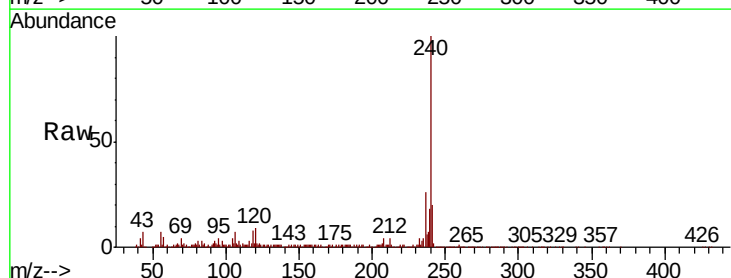
Tgt Ion:240 Resp: 358512

Ion Ratio Lower Upper

240 100

120 9.1 12.2 18.2#

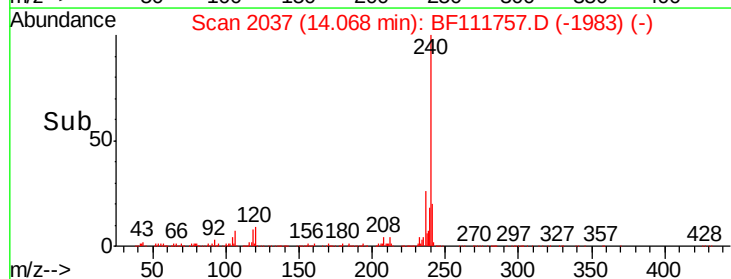
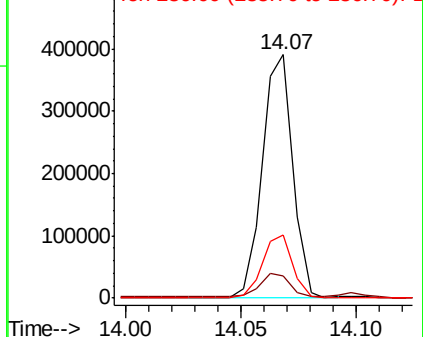
236 26.2 20.2 30.2

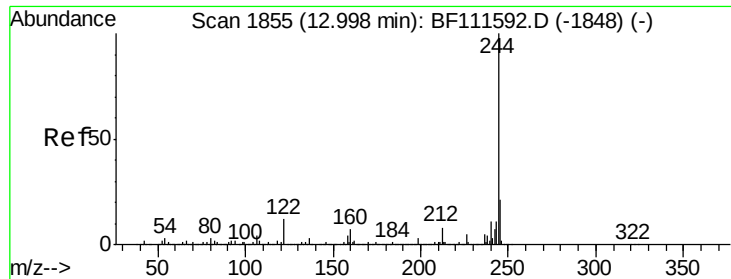


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.063 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

Instrument :

BNA_F

ClientSampleId :

P001-SS021-1824-01

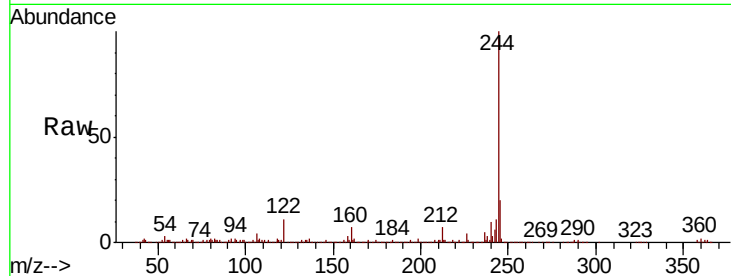
Tgt Ion:244 Resp: 1059852

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

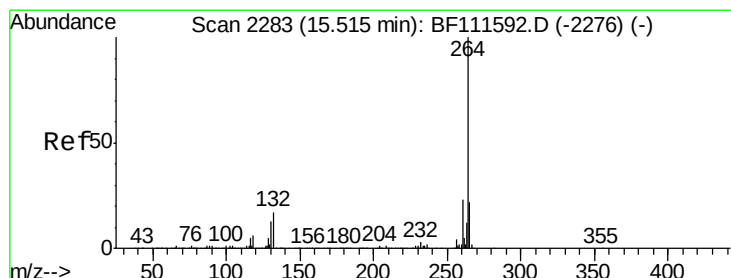
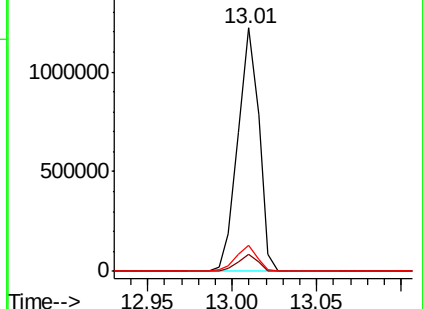
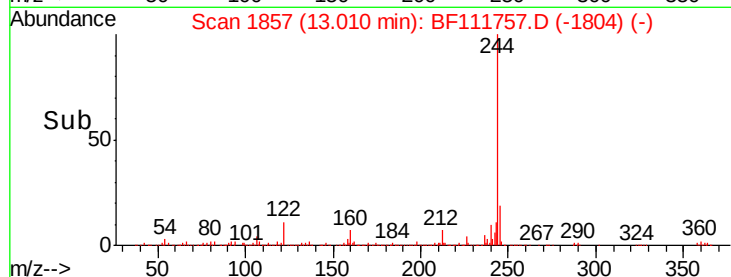
122 10.9 13.1 19.7#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.04 min

Lab File: BF111757.D

Acq: 27 Dec 2018 12:55

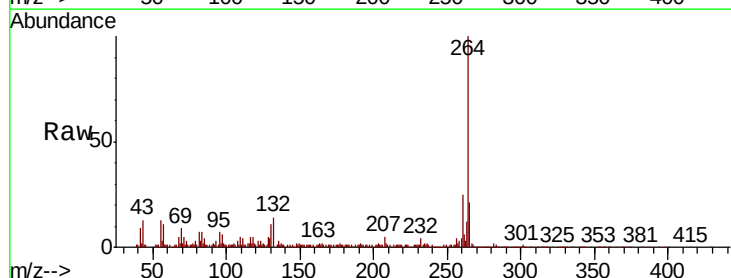
Tgt Ion:264 Resp: 293604

Ion Ratio Lower Upper

264 100

260 24.8 18.3 27.5

265 21.5 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

