

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111697.D
 Acq On : 21 Dec 2018 19:46
 Operator : JU/SJ
 Sample : J6391-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-1218-01

Quant Time: Dec 21 22:36:10 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	162549	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	565911	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	237983	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	406663	20.00	ng	0.01
76) Chrysene-d12	14.06	240	290361	20.00	ng	0.01
87) Perylene-d12	15.55	264	218522	20.00	ng	0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	925208	97.02	ng	0.02
7) Phenol-d6	6.54	99	1116849	92.03	ng	0.02
23) Nitrobenzene-d5	7.46	82	749704	77.11	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	264869	94.19	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1261901	77.29	ng	0.00
79) Terphenyl-d14	13.01	244	1068446	69.78	ng	0.01

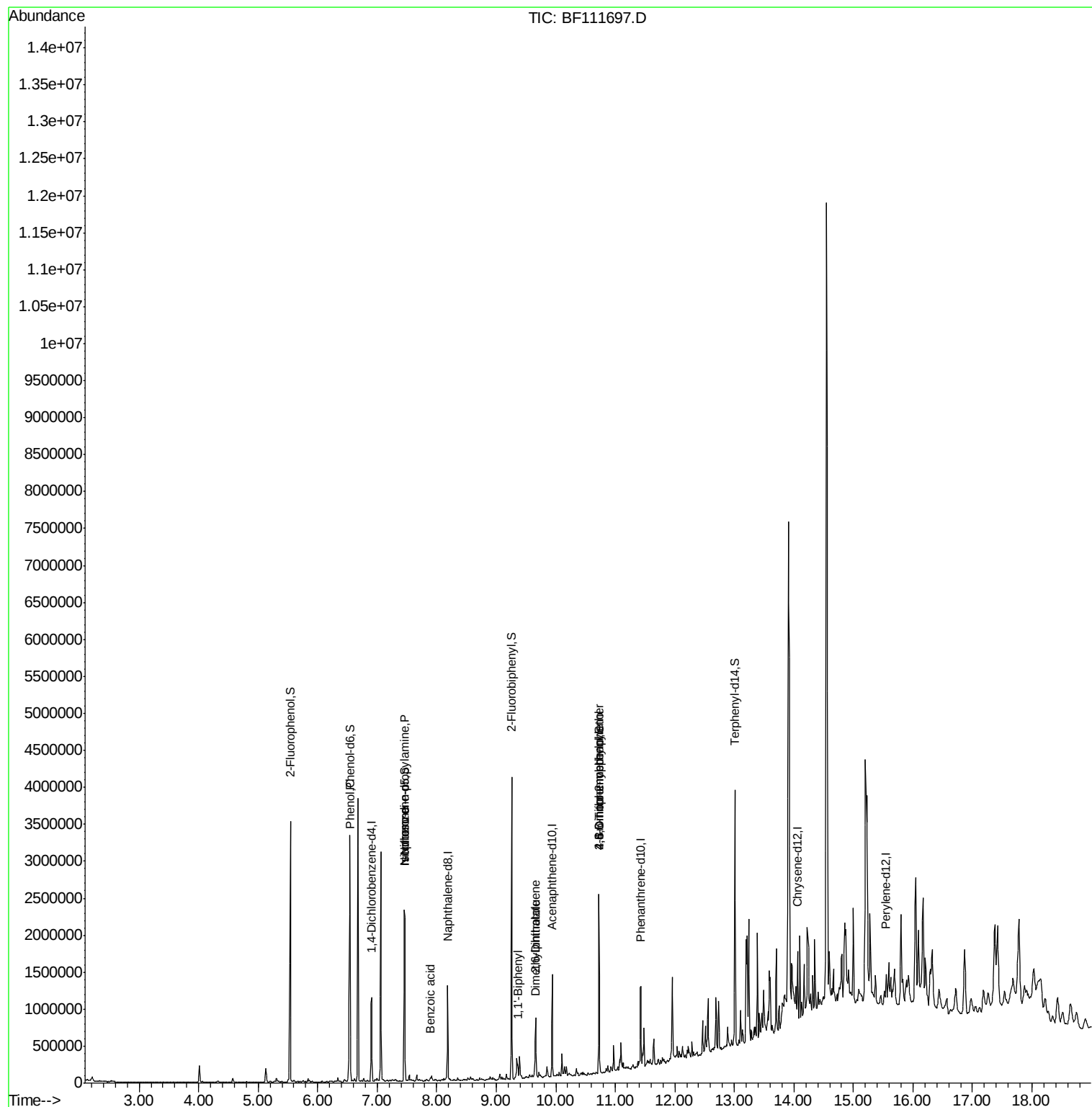
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.55	94	74095	5.411	ng	98
19) n-Nitroso-di-n-propylamine	7.46	70	103326	12.820	ng	# 79
25) Isophorone	7.46	82	747135	43.288	ng	# 64
32) Benzoic acid	7.90	122	11678	2.168	ng	88
46) 1,1'-Biphenyl	9.36	154	64445	3.208	ng	94
50) Dimethylphthalate	9.65	163	69056	3.968	ng	# 83
51) 2,6-Dinitrotoluene	9.66	165	14184	4.087	ng	# 81
65) 4,6-Dinitro-2-methylphenol	10.73	198	514	6.956	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	17673	3.504	ng	# 1

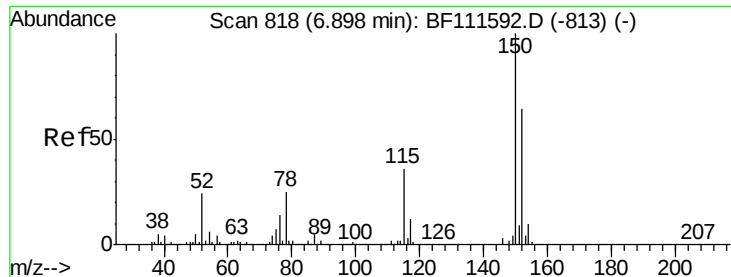
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

Instrument :

BNA_F

ClientSampleId :

P001-SS018-1218-01

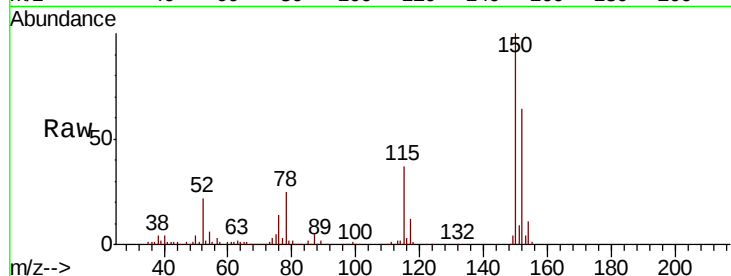
Tgt Ion:152 Resp: 162549

Ion Ratio Lower Upper

152 100

150 155.9 126.6 189.8

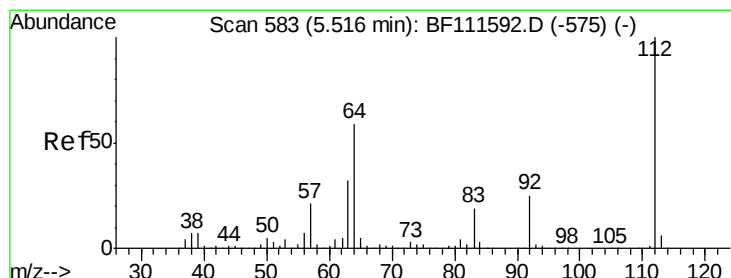
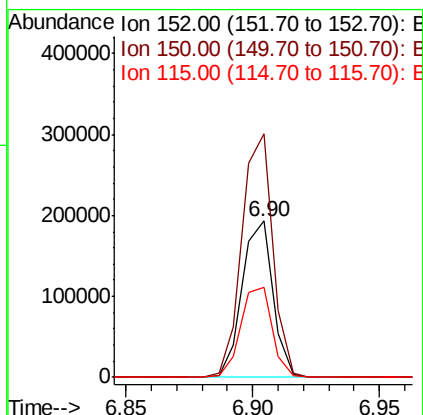
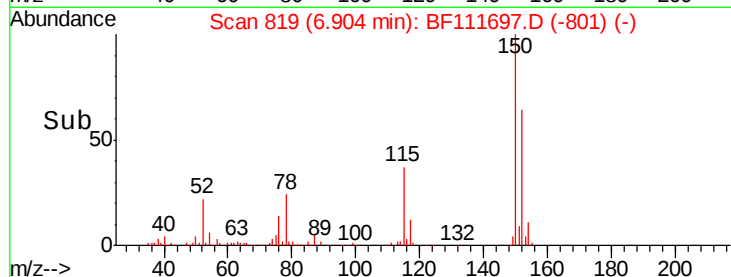
115 57.2 50.7 76.1



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: 97.020 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

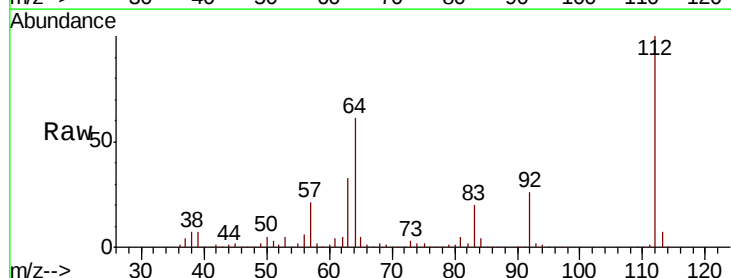
Tgt Ion:112 Resp: 925208

Ion Ratio Lower Upper

112 100

64 60.9 51.8 77.6

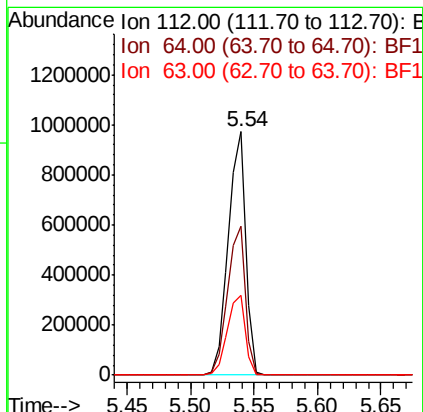
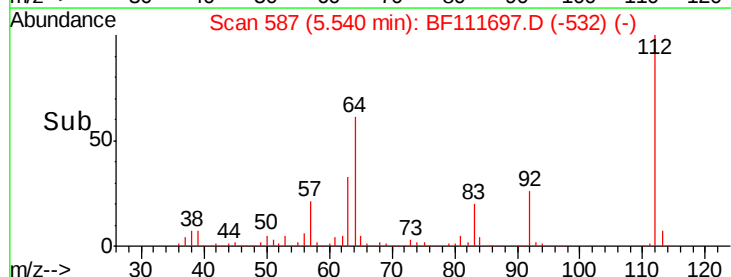
63 33.0 26.8 40.2

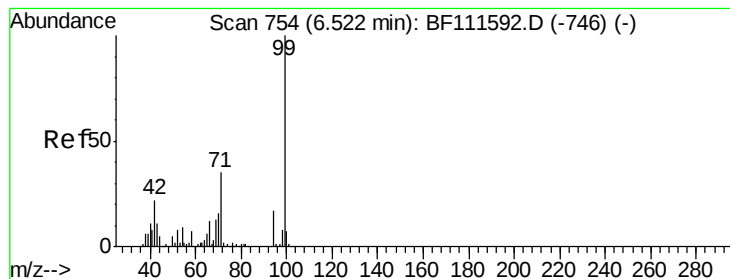


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.025 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

Instrument :

BNA_F

ClientSampleId :

P001-SS018-1218-01

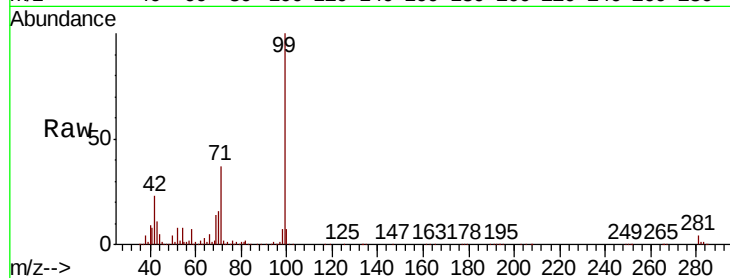
Tgt Ion: 99 Resp: 1116849

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

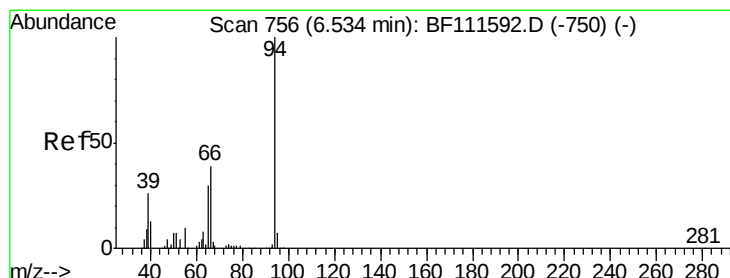
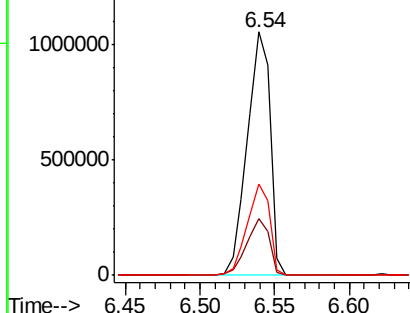
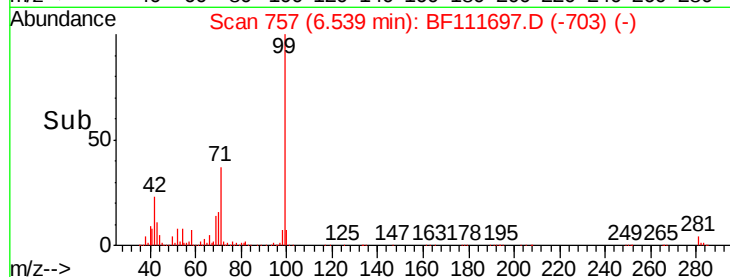
71 37.4 26.1 39.1



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: 5.411 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.02 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

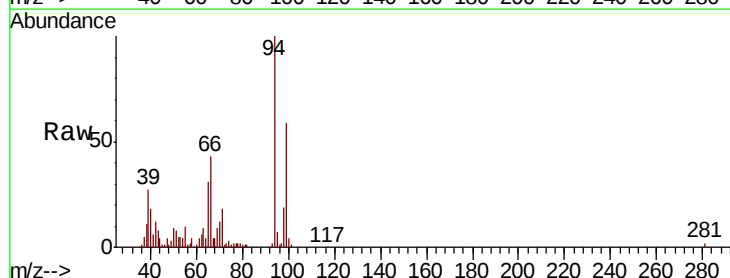
Tgt Ion: 94 Resp: 74095

Ion Ratio Lower Upper

94 100

65 31.0 11.7 51.7

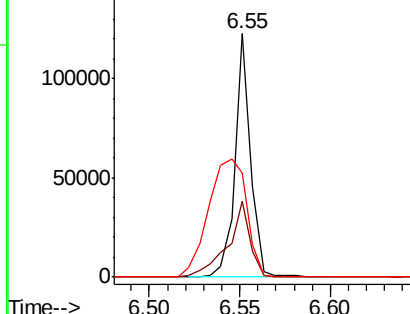
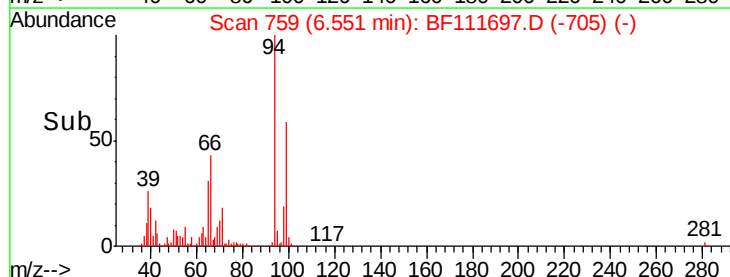
66 43.0 21.0 61.0

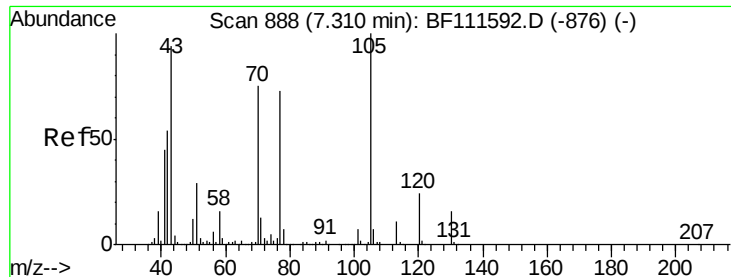


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

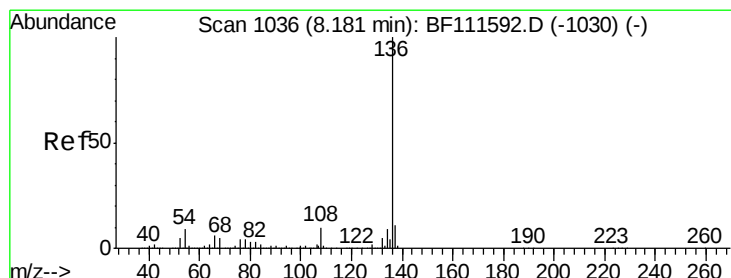
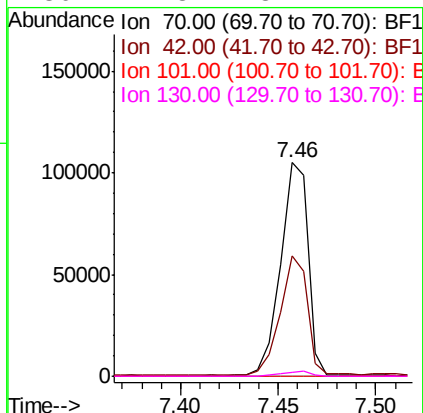
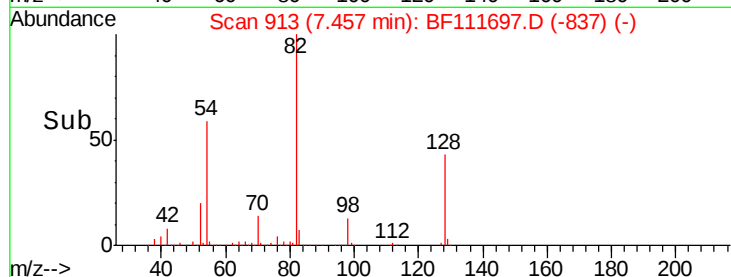
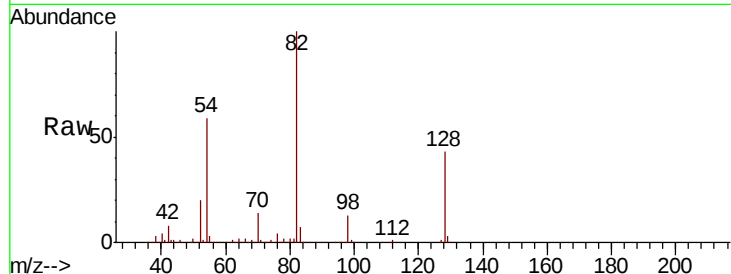




#19
n-Nitroso-di-n-propylamine
Concen: 12.820 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.15 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

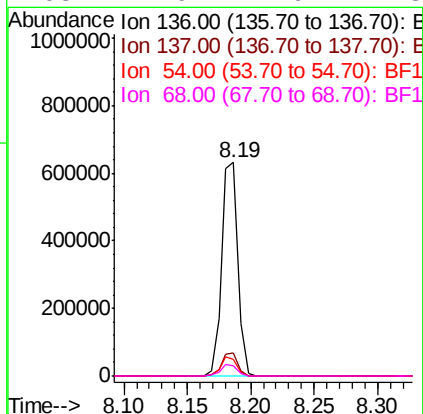
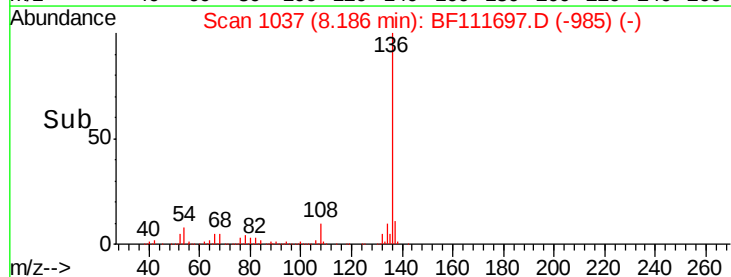
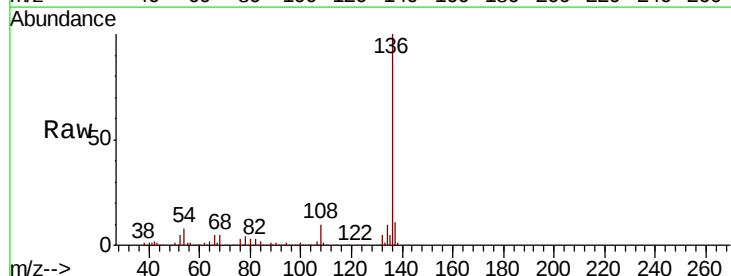
Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

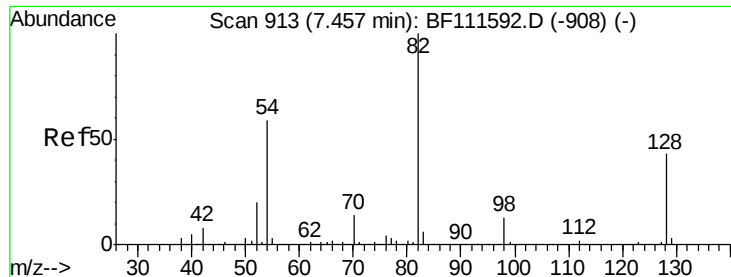
Tgt Ion: 70 Resp: 103326
Ion Ratio Lower Upper
70 100
42 56.5 53.2 79.8
101 0.0 8.2 12.4#
130 1.8 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion: 136 Resp: 565911
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 7.8 7.7 11.5
68 4.9 4.9 7.3

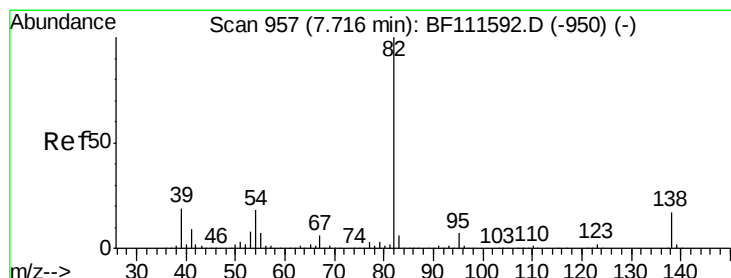
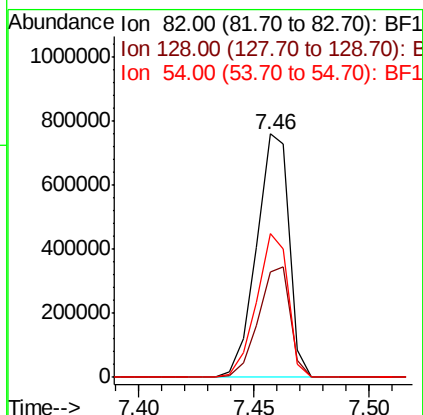
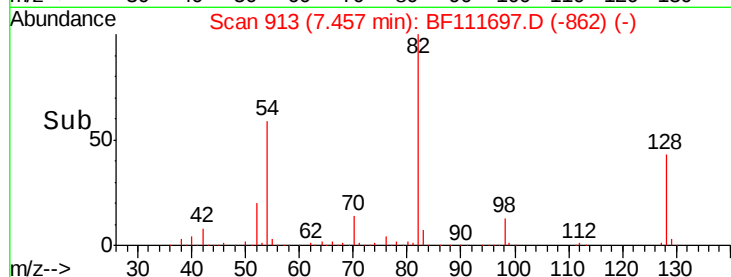
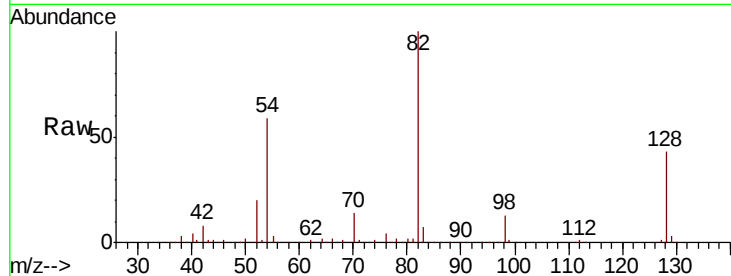




#23
Nitrobenzene-d5
Concen: 77.112 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

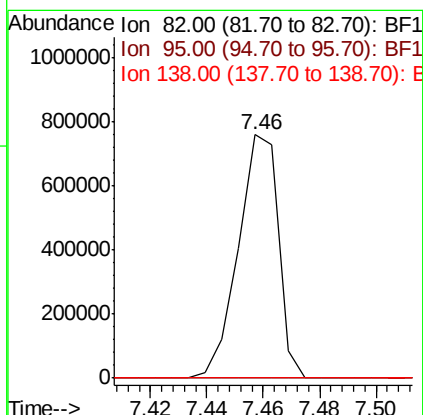
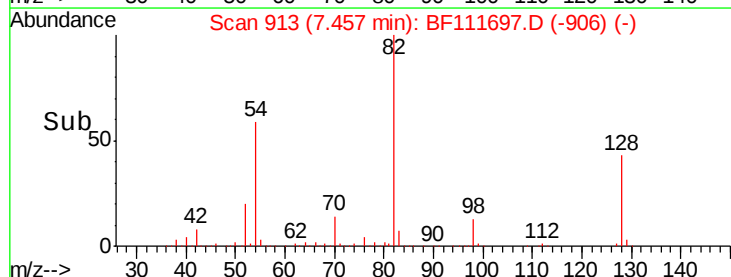
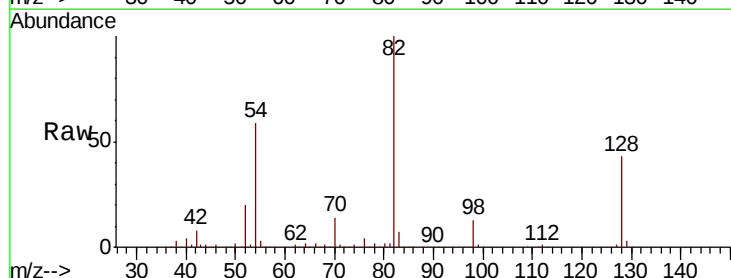
Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

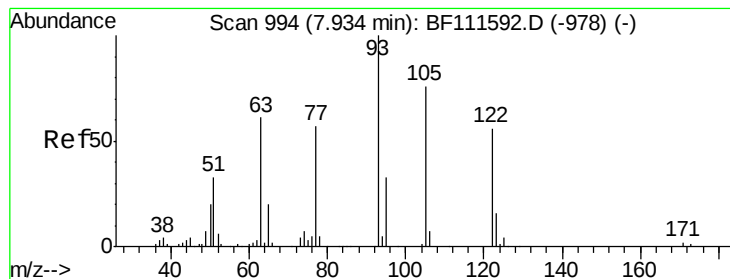
Tgt Ion: 82 Resp: 749704
Ion Ratio Lower Upper
82 100
128 43.1 37.4 56.2
54 58.9 47.6 71.4



#25
Isophorone
Concen: 43.288 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.26 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion: 82 Resp: 747135
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#





#32

Benzoic acid

Concen: 2.168 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.04 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

Instrument :

BNA_F

ClientSampleId :

P001-SS018-1218-01

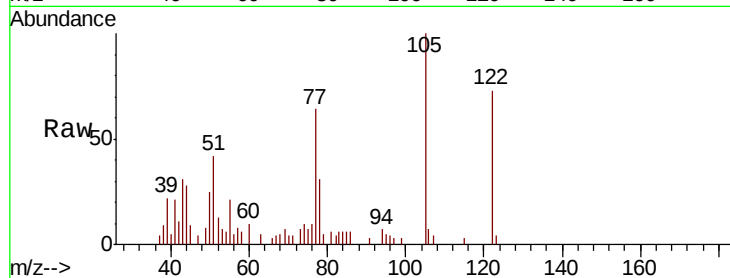
Tgt Ion:122 Resp: 11678

Ion Ratio Lower Upper

122 100

105 136.9 97.0 137.0

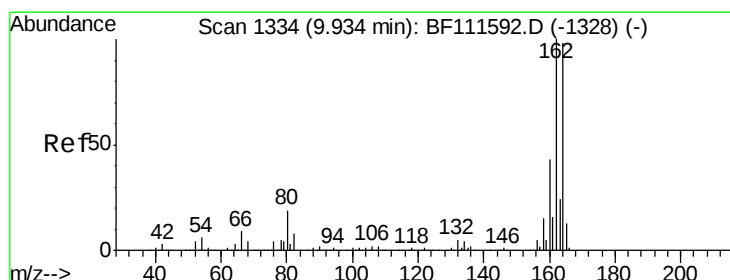
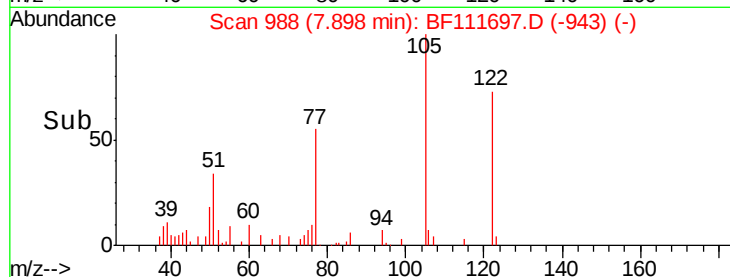
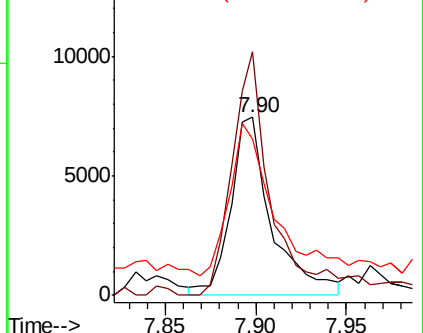
77 87.9 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

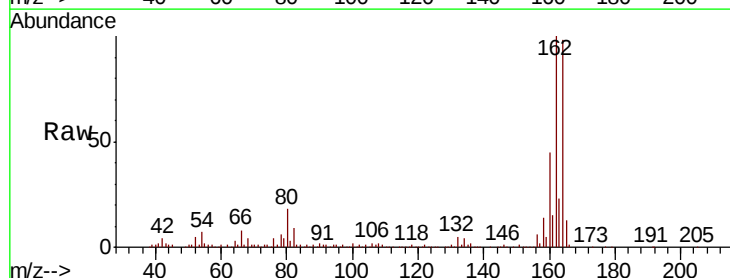
Tgt Ion:164 Resp: 237983

Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

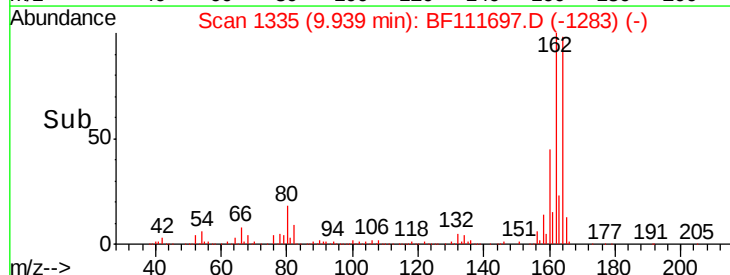
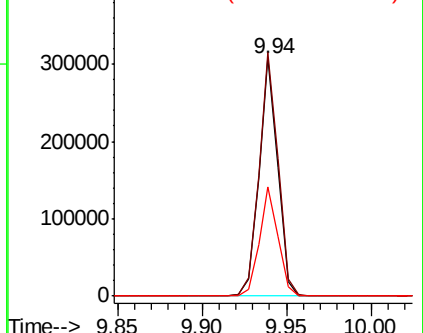
160 45.7 35.7 53.5

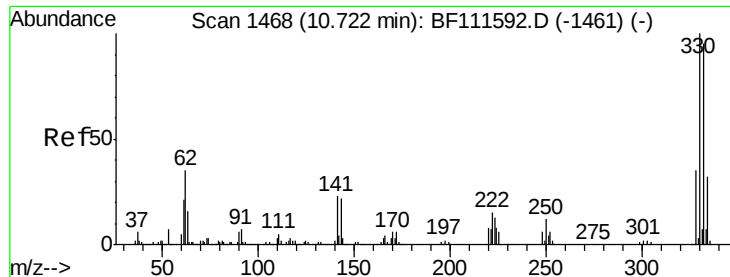


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

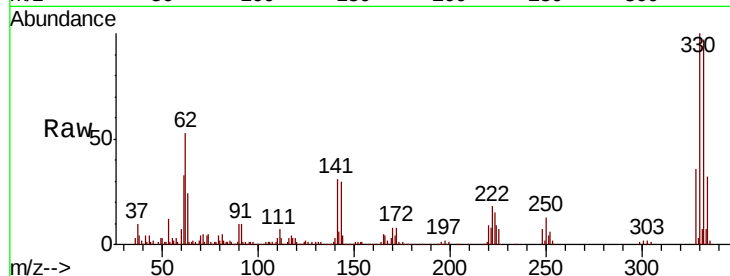




#42
 2,4,6-Tribromophenol
 Concen: 94.194 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-1218-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	31.1	31.0	46.6

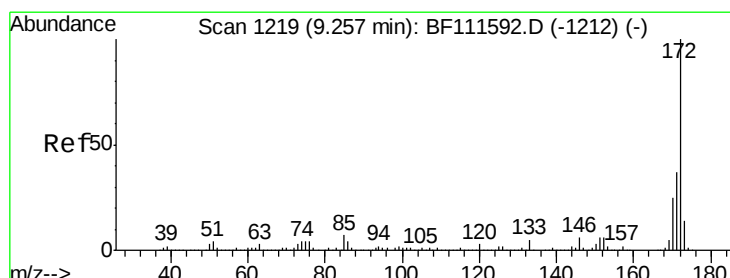
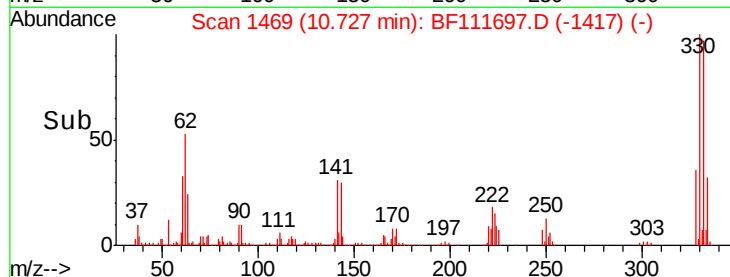
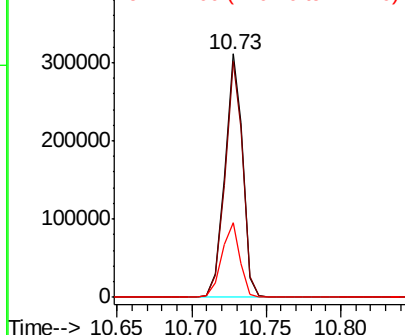


Abundance

Ion 329.80 (329.50 to 330.50): E

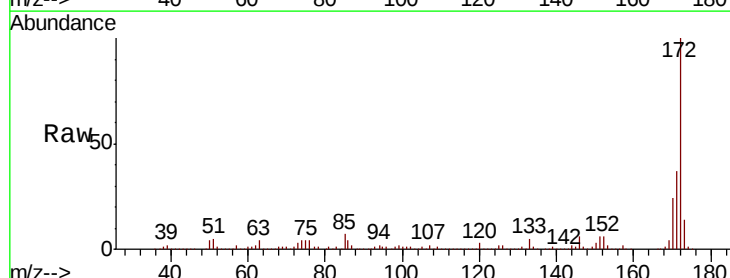
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 77.288 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

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

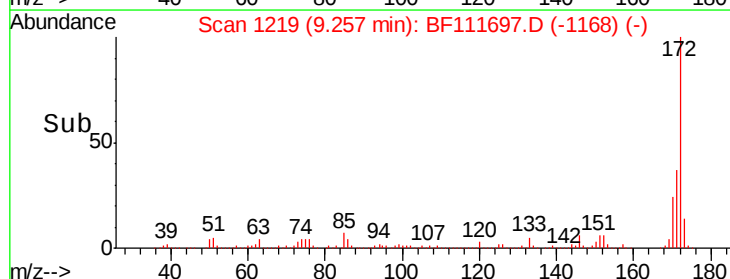
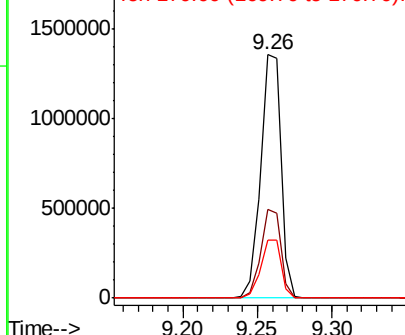


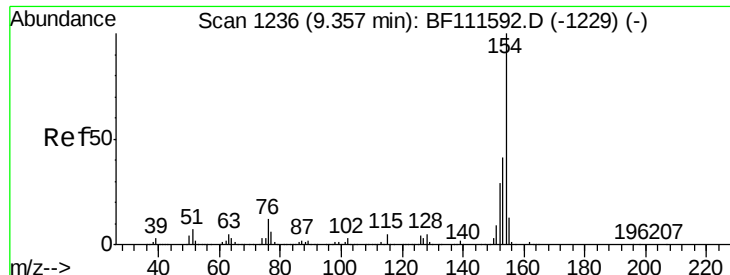
Abundance

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

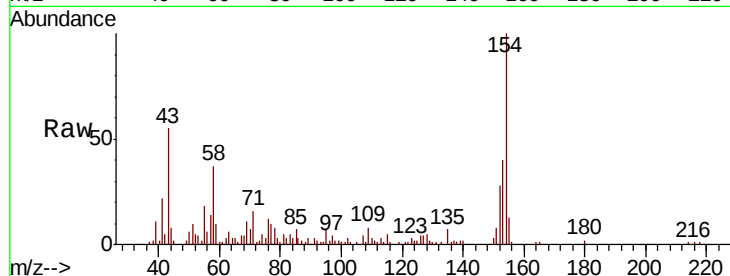




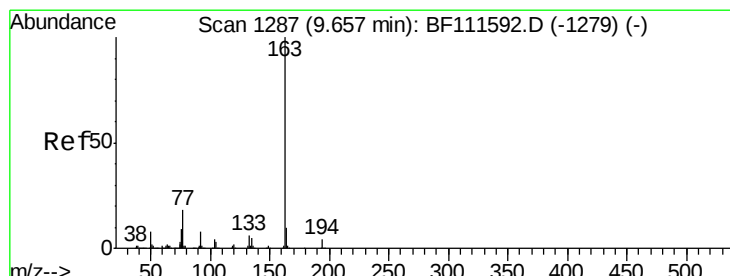
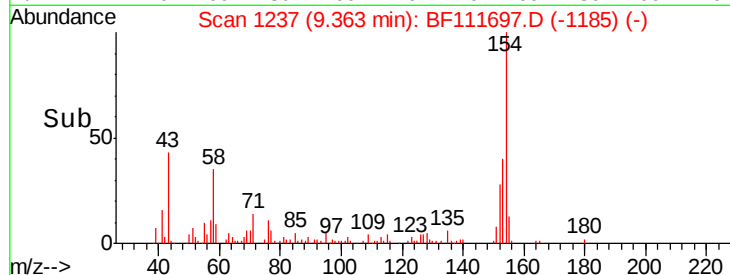
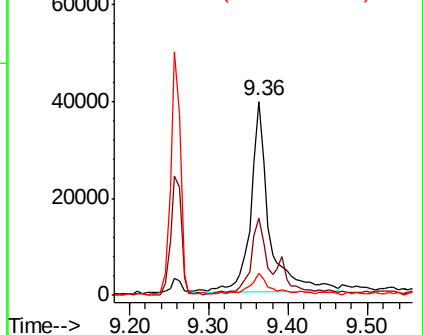
#46
 1,1'-Biphenyl
 Concen: 3.208 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-1218-01

Tgt Ion:154 Resp: 64445
 Ion Ratio Lower Upper
 154 100
 153 40.1 23.7 63.7
 76 11.7 0.0 35.0

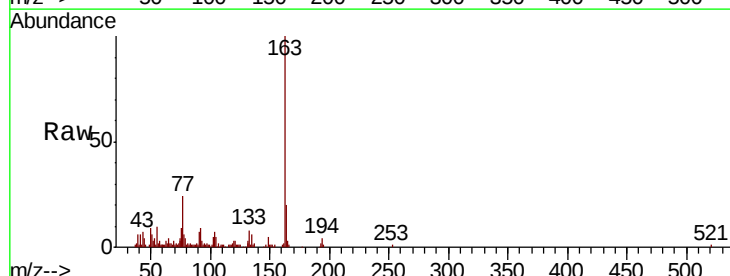


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

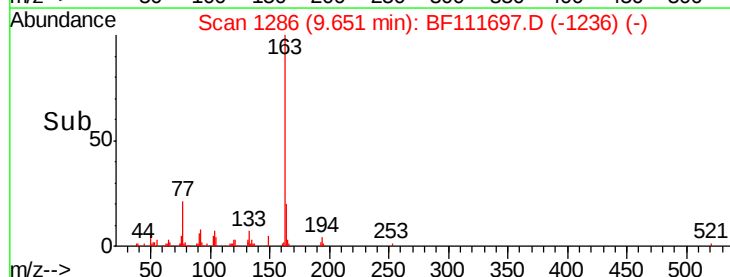
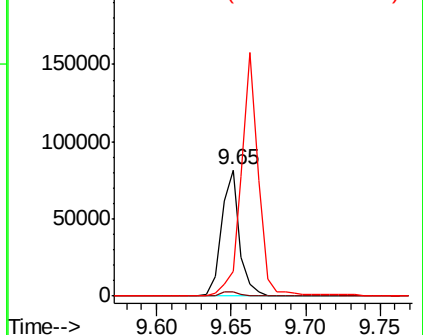


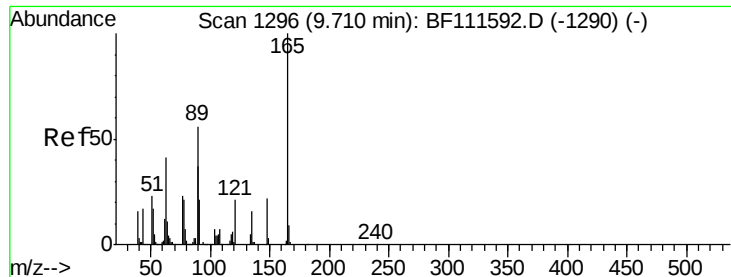
#50
 Dimethylphthalate
 Concen: 3.968 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

Tgt Ion:163 Resp: 69056
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.0 4.6
 164 19.6 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





#51

2,6-Dinitrotoluene

Concen: 4.087 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.05 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

Instrument :

BNA_F

ClientSampleId :

P001-SS018-1218-01

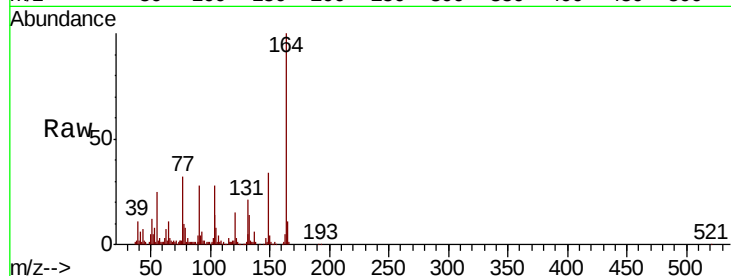
Tgt Ion:165 Resp: 14184

Ion Ratio Lower Upper

165 100

63 61.7 40.5 60.7#

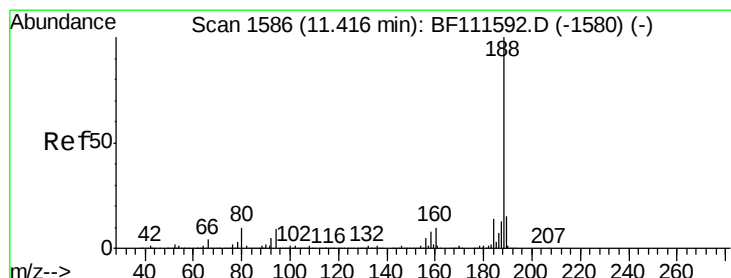
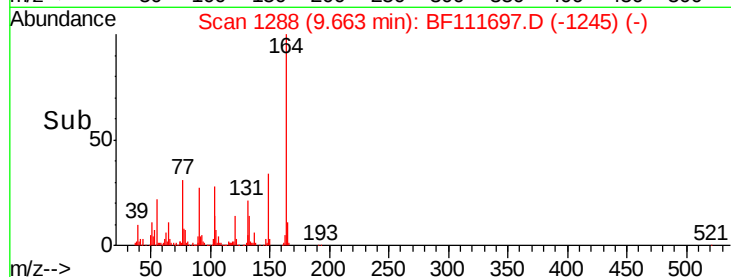
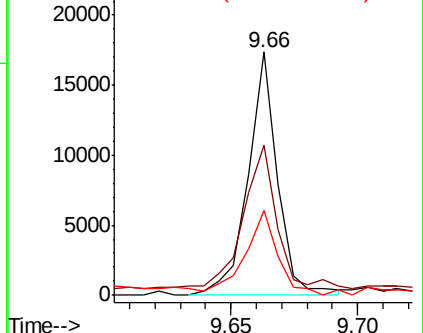
89 34.7 40.0 60.0#



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111697.D

Acq: 21 Dec 2018 19:46

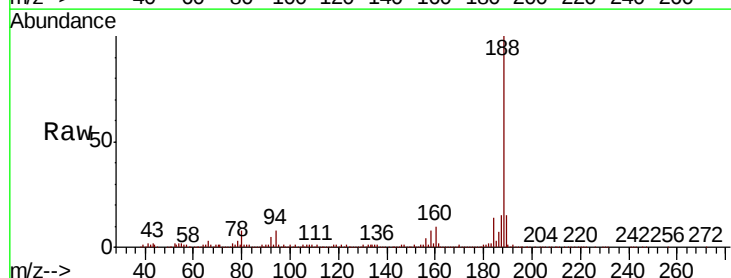
Tgt Ion:188 Resp: 406663

Ion Ratio Lower Upper

188 100

94 7.9 9.6 14.4#

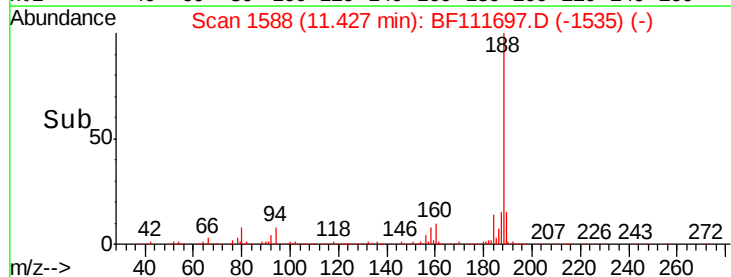
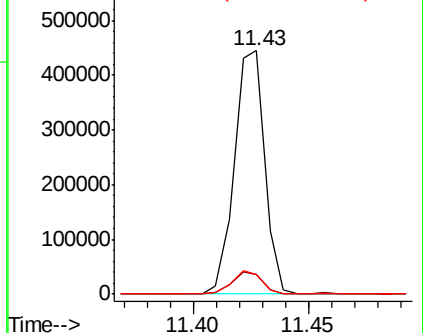
80 8.2 9.8 14.6#

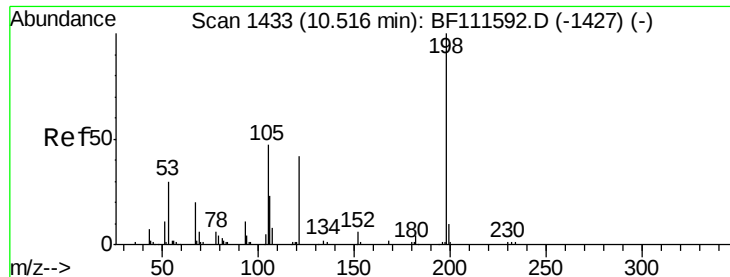


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

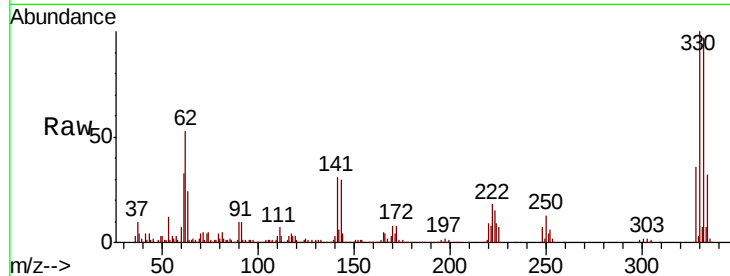




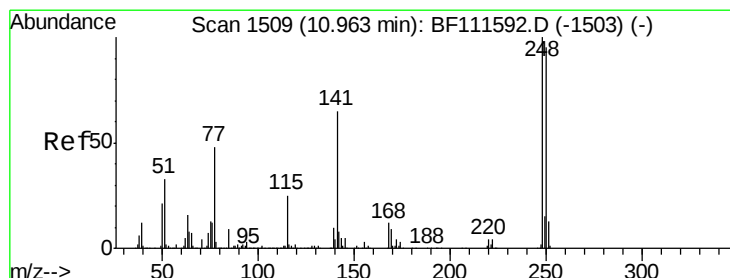
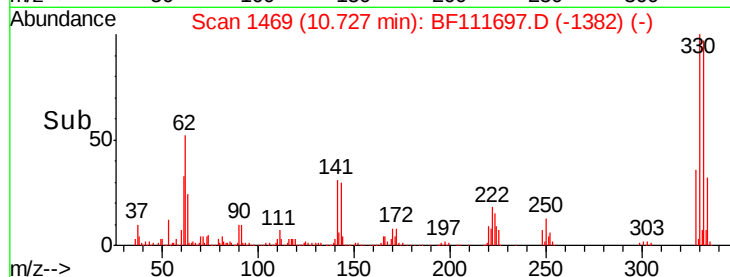
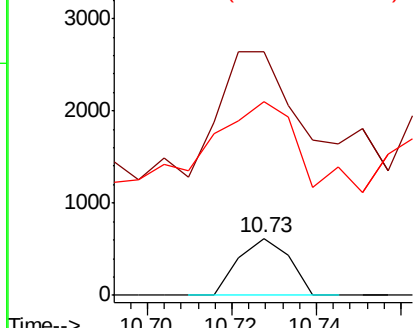
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.956 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.21 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS018-1218-01

Tgt Ion:198 Resp: 514
 Ion Ratio Lower Upper
 198 100
 51 425.2 48.0 88.0#
 105 339.5 34.0 74.0#

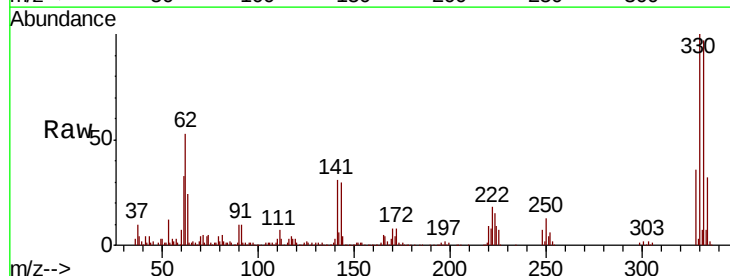


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

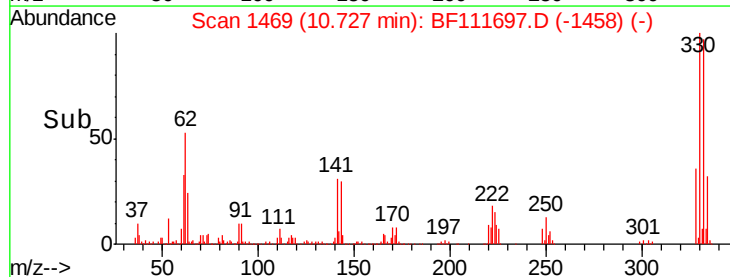
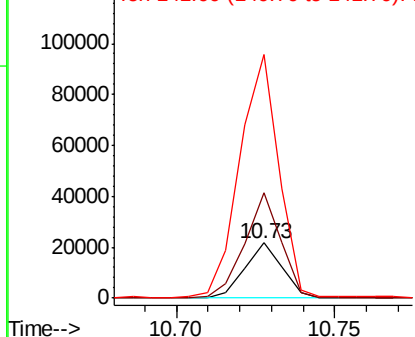


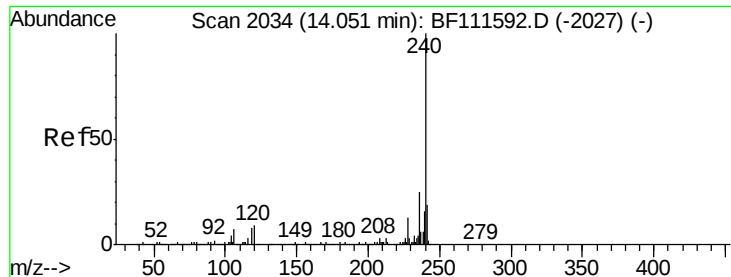
#67
 4-Bromophenyl-phenylether
 Concen: 3.504 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.24 min
 Lab File: BF111697.D
 Acq: 21 Dec 2018 19:46

Tgt Ion:248 Resp: 17673
 Ion Ratio Lower Upper
 248 100
 250 191.4 77.0 115.4#
 141 440.9 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

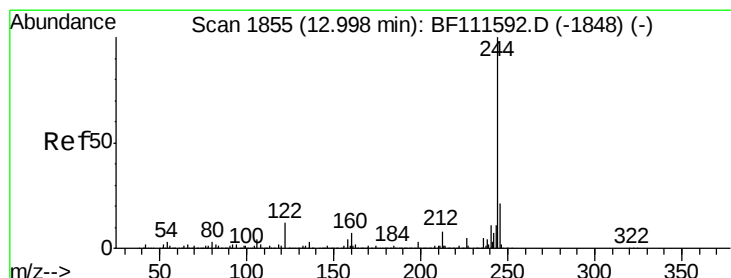
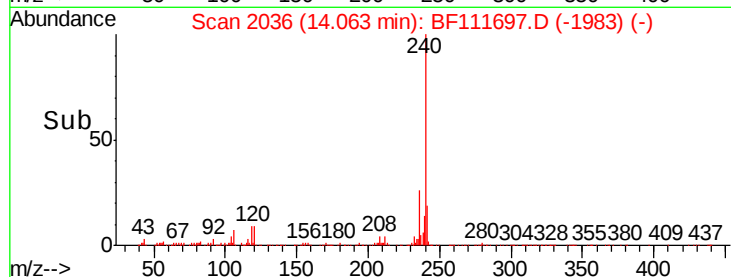
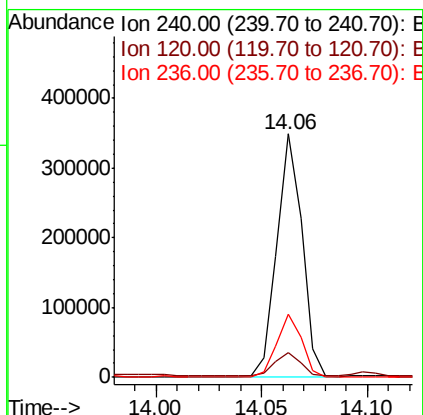
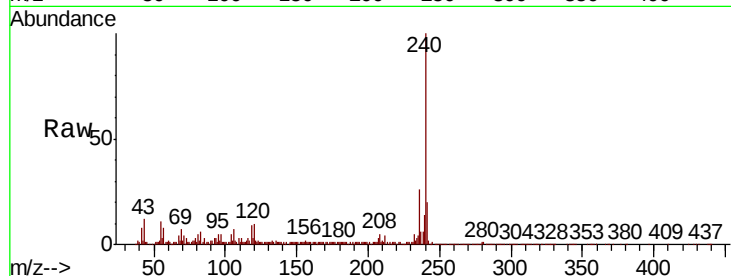




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

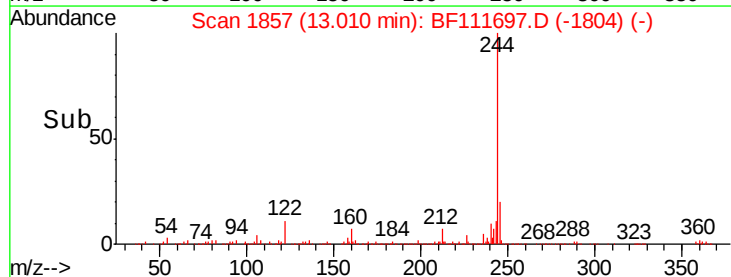
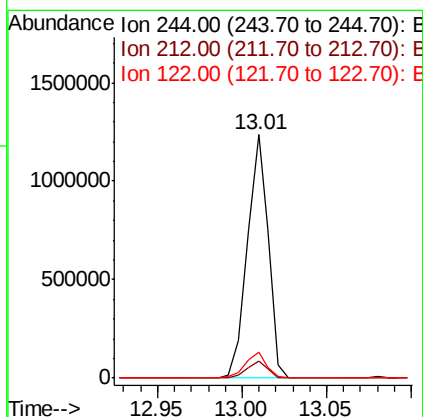
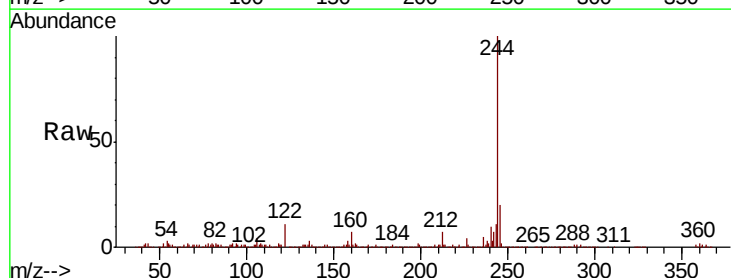
Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

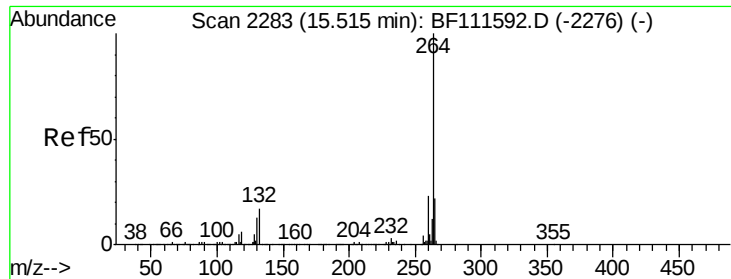
Tgt Ion:240 Resp: 290361
Ion Ratio Lower Upper
240 100
120 10.4 12.2 18.2#
236 26.1 20.2 30.2



#79
Terphenyl-d14
Concen: 69.783 ng
RT: 13.01 min Scan# 1857
Delta R.T. 0.01 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Tgt Ion:244 Resp: 1068446
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.8 13.1 19.7#

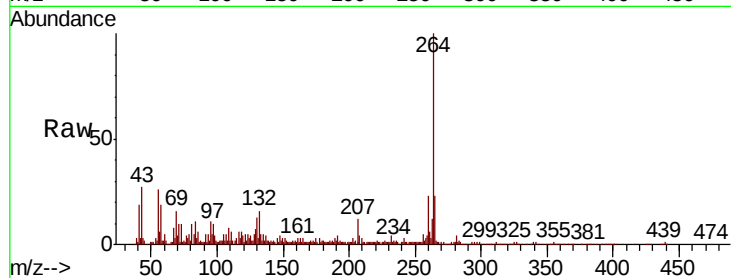




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.04 min
Lab File: BF111697.D
Acq: 21 Dec 2018 19:46

Instrument :
BNA_F
ClientSampleId :
P001-SS018-1218-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.3	27.5
265	22.9	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

