

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122018\
 Data File : BF111648.D
 Acq On : 20 Dec 2018 19:37
 Operator : JU/SJ
 Sample : J6353-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0002-01

Quant Time: Dec 21 06:21:16 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	186645	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	696856	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	340103	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	586168	20.00	ng	0.00
76) Chrysene-d12	14.04	240	444098	20.00	ng	0.00
87) Perylene-d12	15.52	264	450767	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	904943	82.64	ng	0.00
7) Phenol-d6	6.52	99	1184606	85.01	ng	0.00
23) Nitrobenzene-d5	7.45	82	708233	59.16	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	292958	72.90	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1203166	51.56	ng	0.00
79) Terphenyl-d14	12.99	244	1025290	43.78	ng	0.00

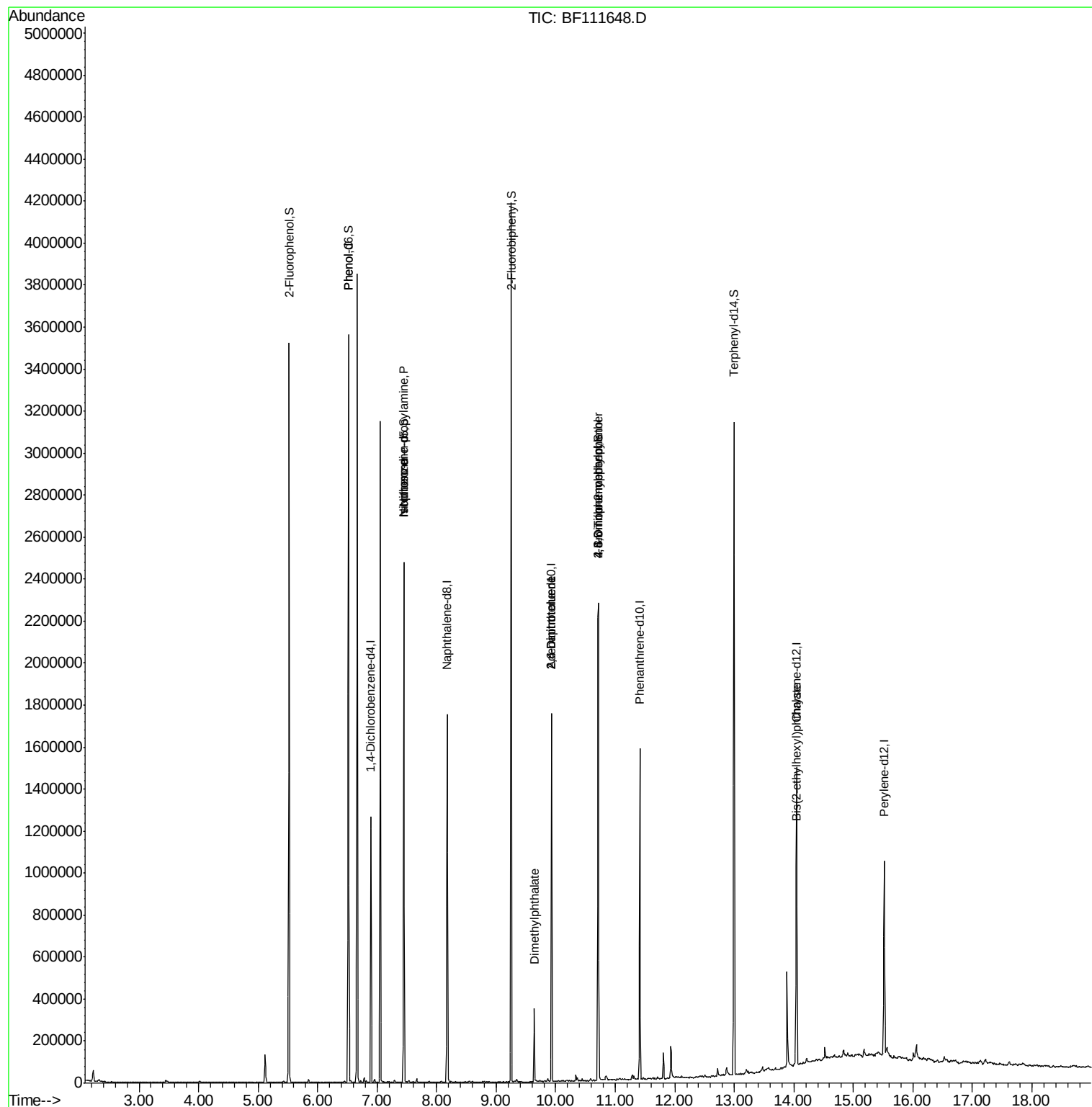
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.53	94	83096	5.285	ng	91
19) n-Nitroso-di-n-propylamine	7.45	70	98834	10.679	ng	# 75
25) Isophorone	7.45	82	708226	33.323	ng	# 64
50) Dimethylphthalate	9.64	163	125308	5.038	ng	96
51) 2,6-Dinitrotoluene	9.93	165	44465	8.966	ng	# 29
57) 2,4-Dinitrotoluene	9.93	165	44465	7.460	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	418	6.841	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	18111	2.491	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.03	149	44584	2.769	ng	# 98

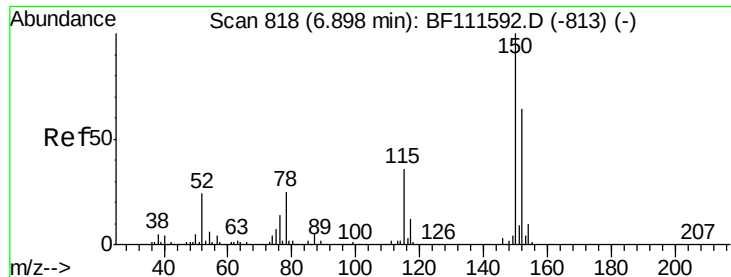
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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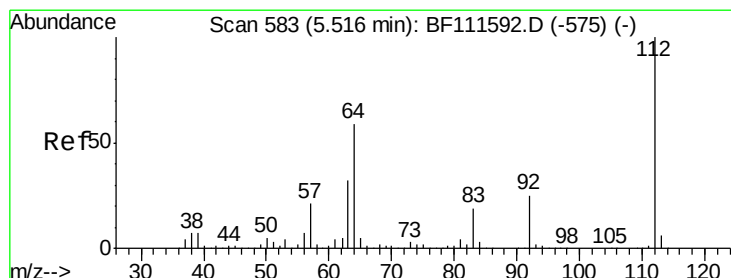
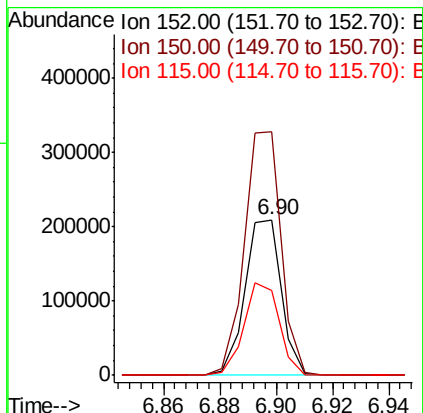
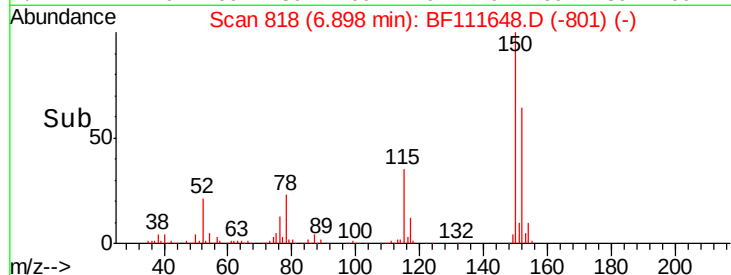
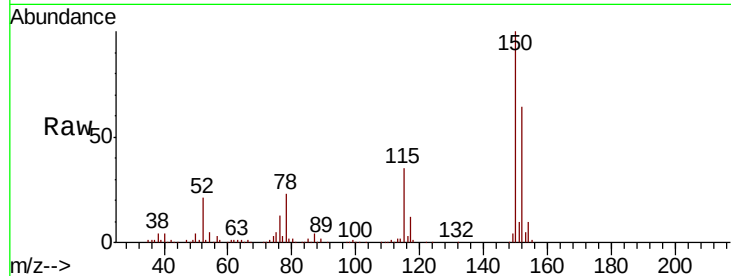


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

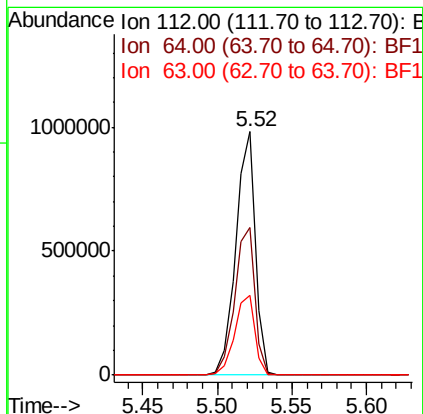
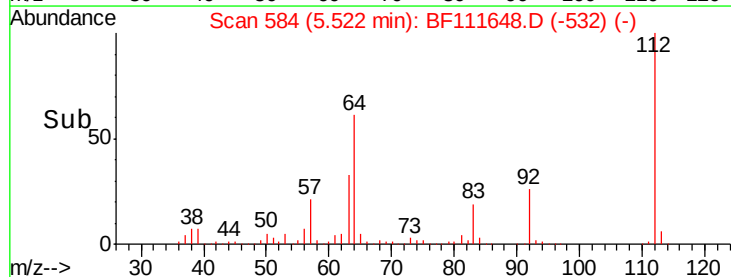
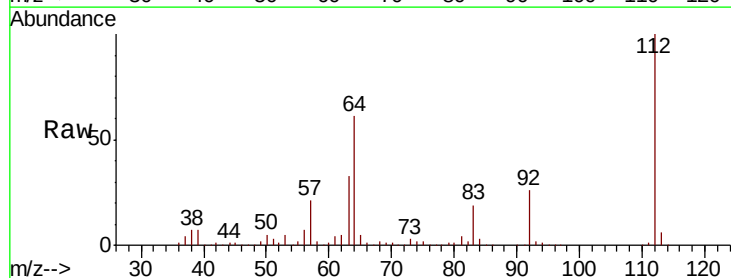
Tgt Ion:152 Resp: 186645
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 54.1 50.7 76.1

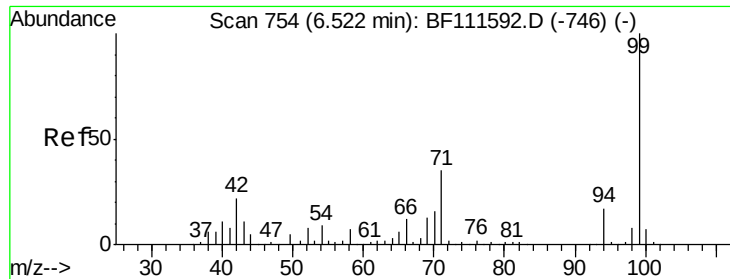


#5

2-Fluorophenol
Concen: 82.644 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:112 Resp: 904943
Ion Ratio Lower Upper
112 100
64 60.7 51.8 77.6
63 32.8 26.8 40.2





#7

Phenol-d6

Concen: 85.007 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF111648.D

Acq: 20 Dec 2018 19:37

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0002-01

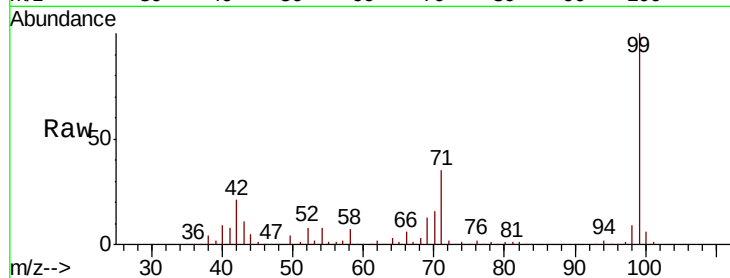
Tgt Ion: 99 Resp: 1184606

Ion Ratio Lower Upper

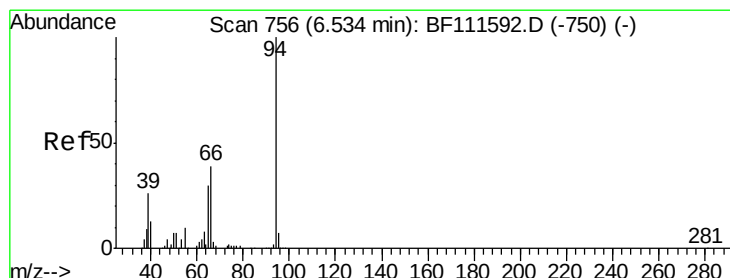
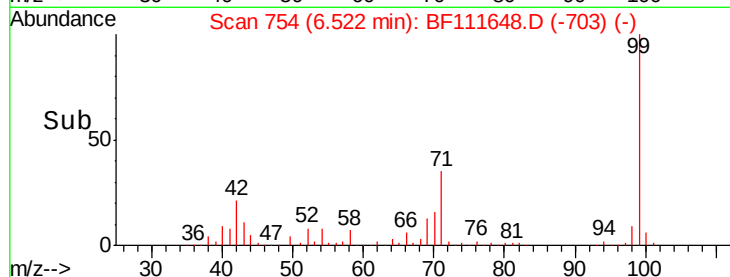
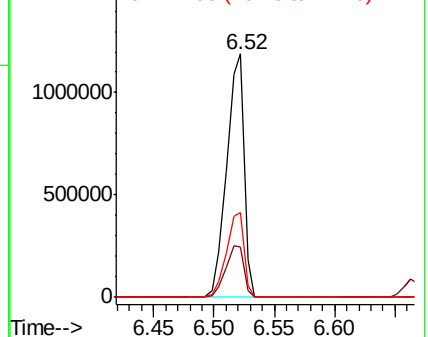
99 100

42 20.9 17.4 26.0

71 34.8 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: 5.285 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF111648.D

Acq: 20 Dec 2018 19:37

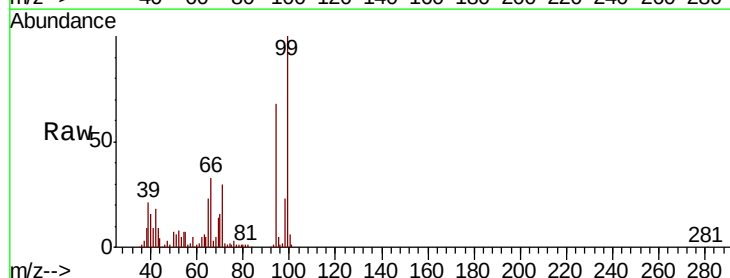
Tgt Ion: 94 Resp: 83096

Ion Ratio Lower Upper

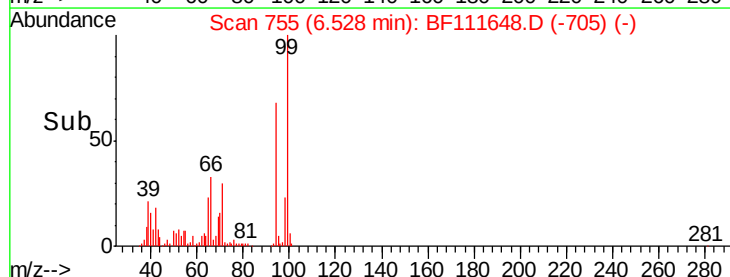
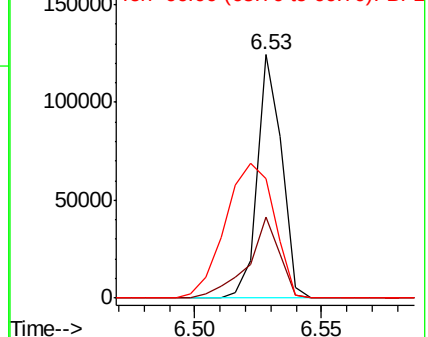
94 100

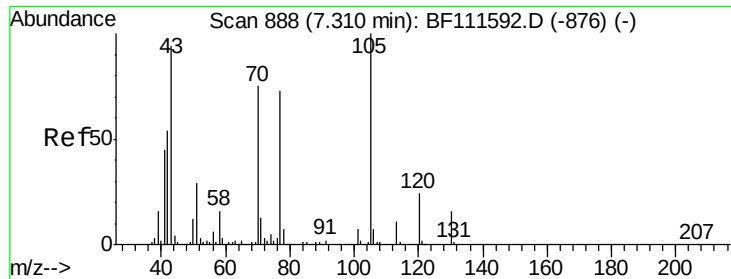
65 33.4 11.7 51.7

66 49.1 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

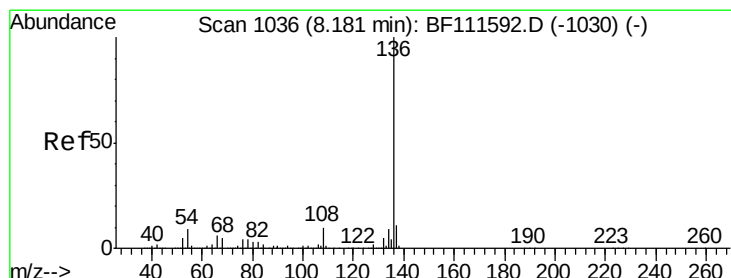
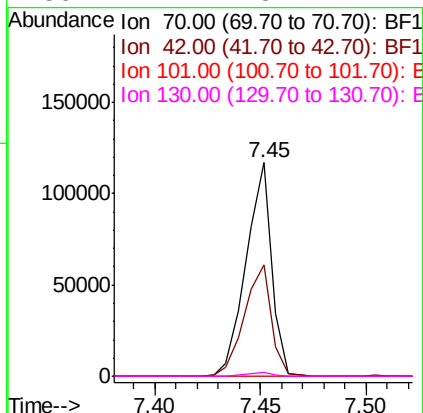
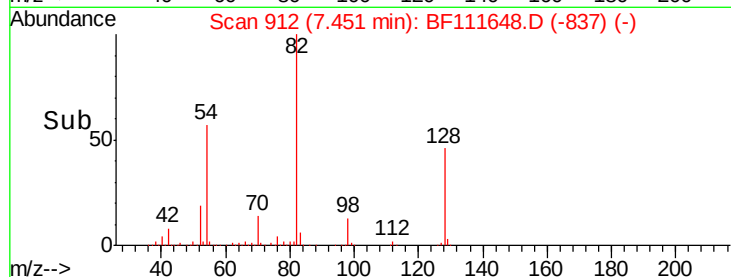
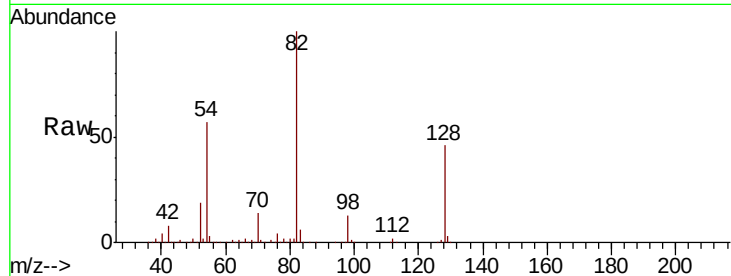




#19
n-Nitroso-di-n-propylamine
Concen: 10.679 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.14 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

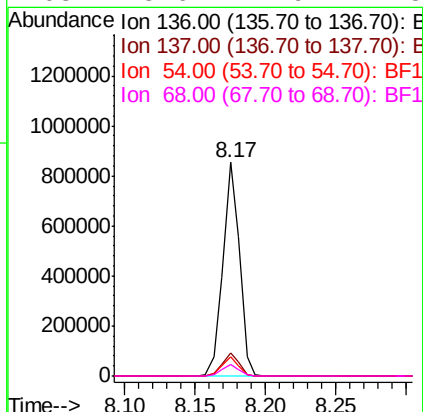
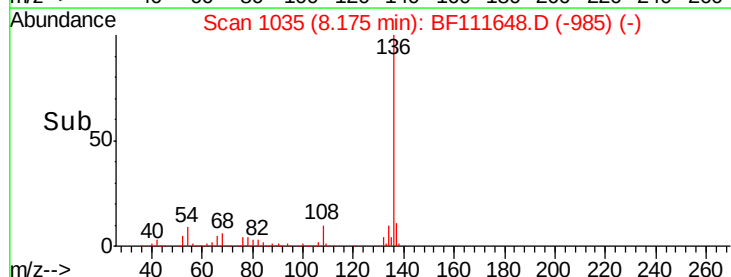
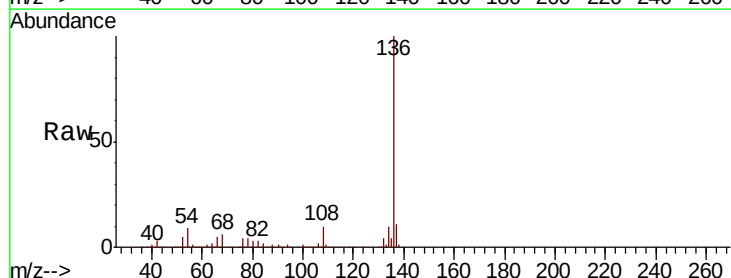
Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

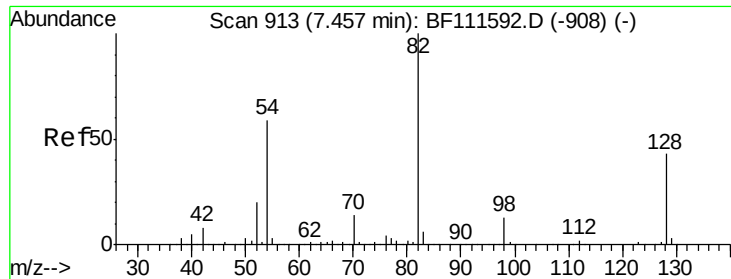
Tgt Ion: 70 Resp: 98834
Ion Ratio Lower Upper
70 100
42 52.2 53.2 79.8#
101 0.0 8.2 12.4#
130 1.7 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion: 136 Resp: 696856
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.2 7.7 11.5
68 5.6 4.9 7.3

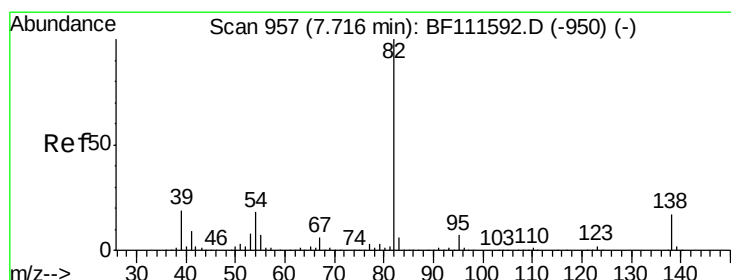
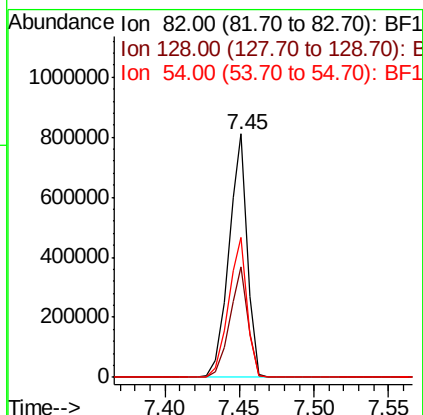
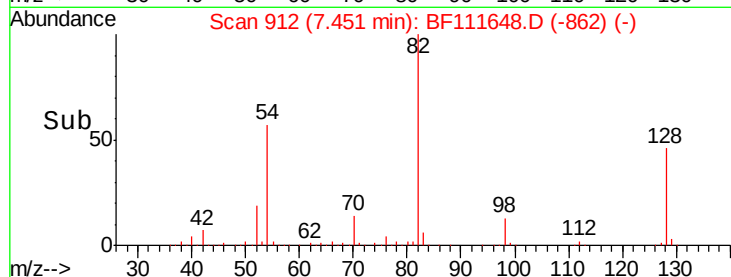
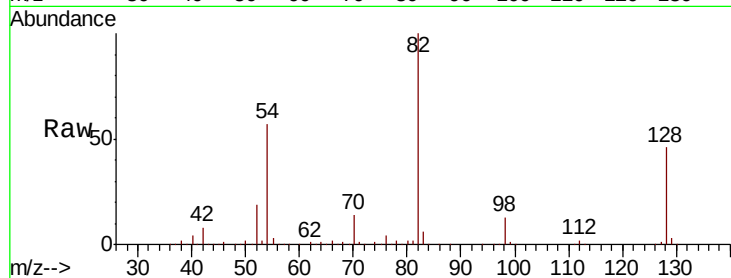




#23
 Nitrobenzene-d5
 Concen: 59.158 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF111648.D
 Acq: 20 Dec 2018 19:37

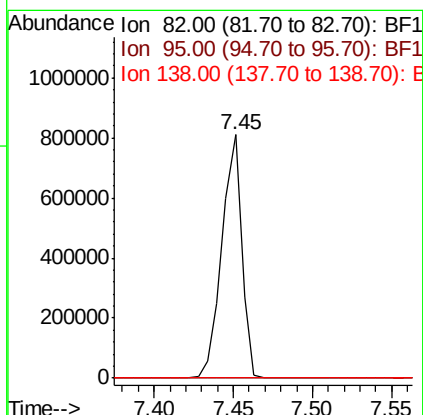
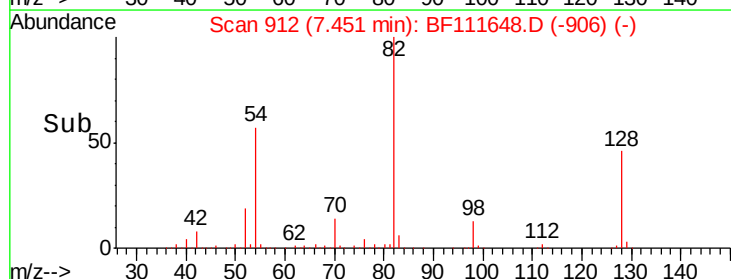
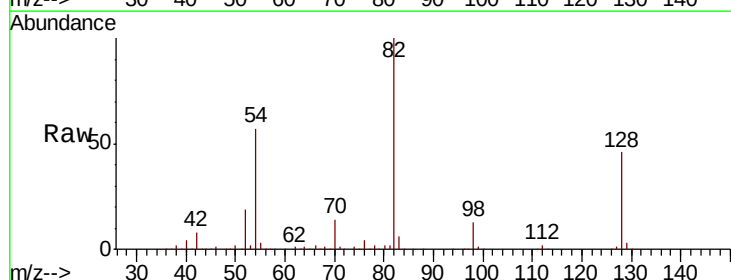
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0002-01

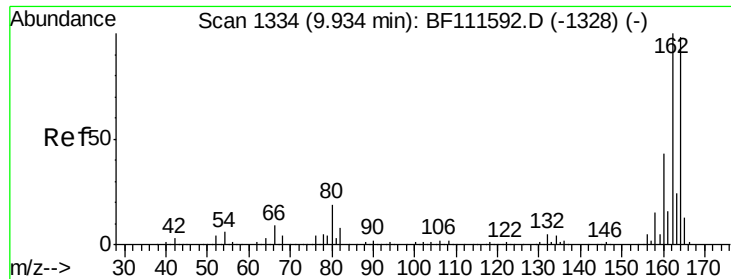
Tgt Ion: 82 Resp: 708233
 Ion Ratio Lower Upper
 82 100
 128 45.5 37.4 56.2
 54 57.4 47.6 71.4



#25
 Isophorone
 Concen: 33.323 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.26 min
 Lab File: BF111648.D
 Acq: 20 Dec 2018 19:37

Tgt Ion: 82 Resp: 708226
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 15.1 22.7#

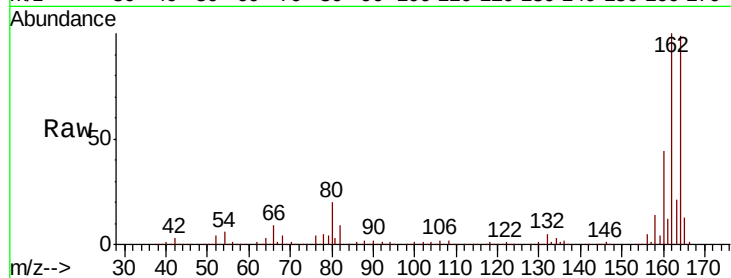




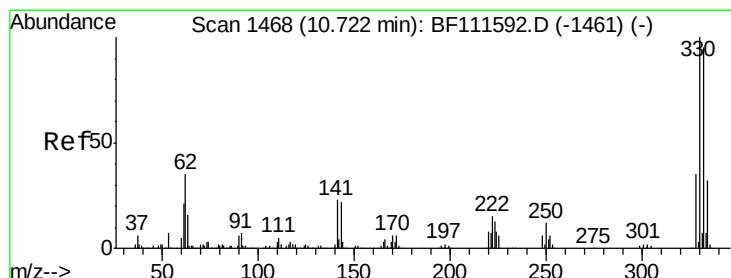
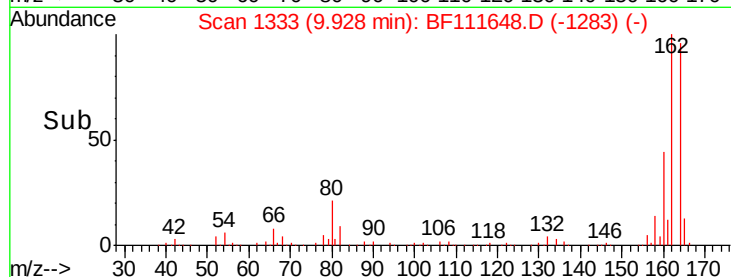
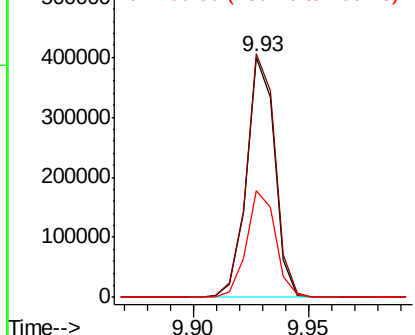
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion:164 Resp: 340103
Ion Ratio Lower Upper
164 100
162 101.5 81.4 122.0
160 44.4 35.7 53.5

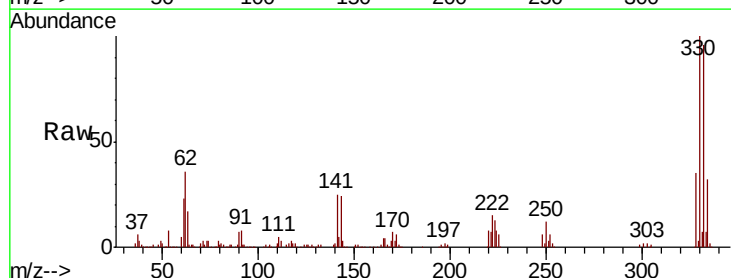


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

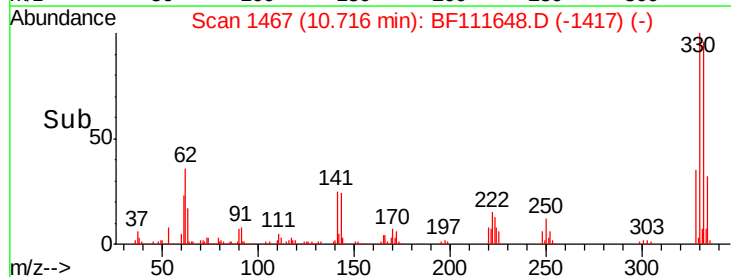
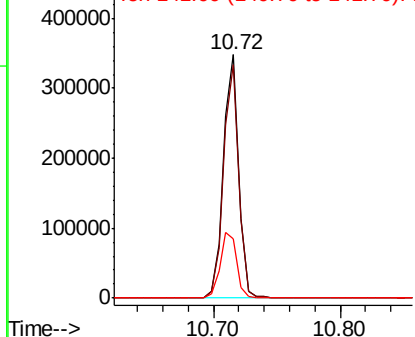


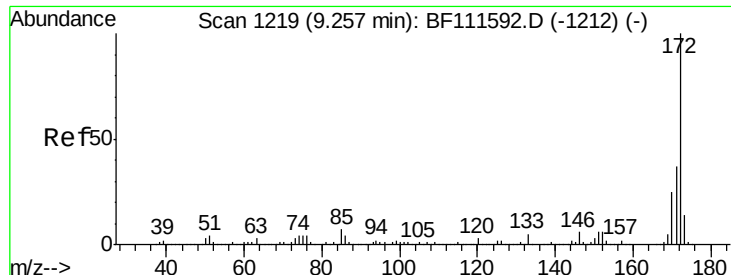
#42
2,4,6-Tribromophenol
Concen: 72.901 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:330 Resp: 292958
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 29.3 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: 51.564 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF111648.D

Acq: 20 Dec 2018 19:37

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0002-01

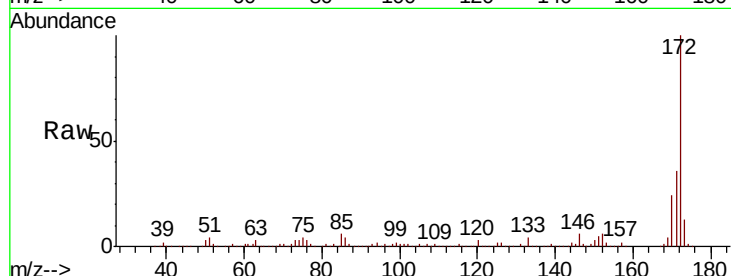
Tgt Ion:172 Resp: 1203166

Ion Ratio Lower Upper

172 100

171 36.0 33.0 49.4

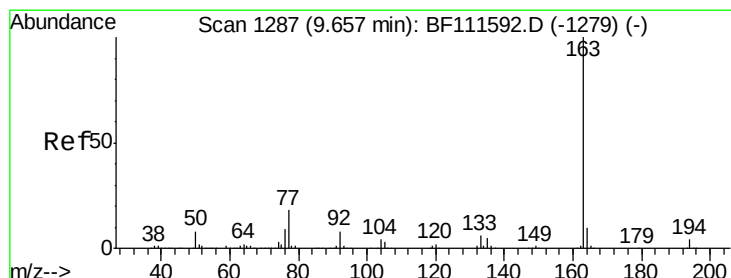
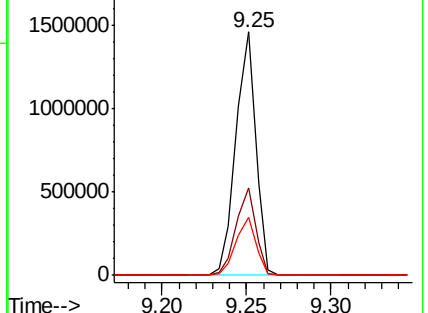
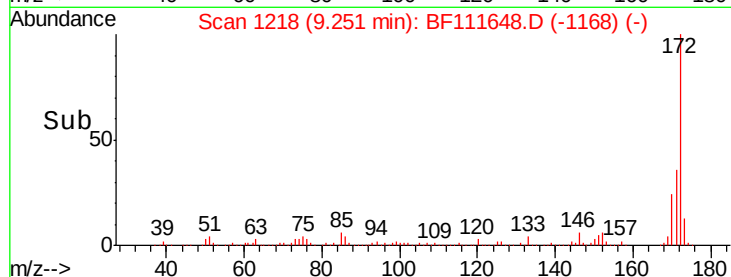
170 23.8 22.3 33.5



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: 5.038 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111648.D

Acq: 20 Dec 2018 19:37

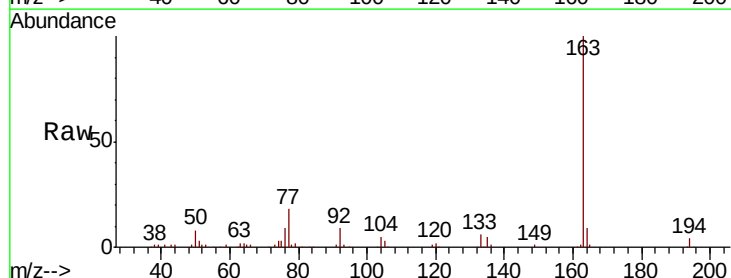
Tgt Ion:163 Resp: 125308

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

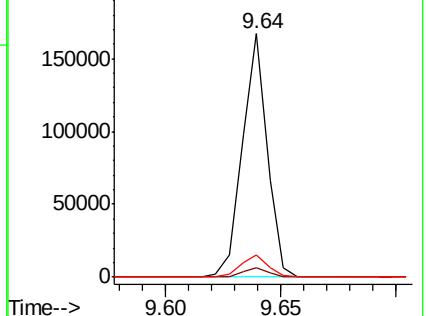
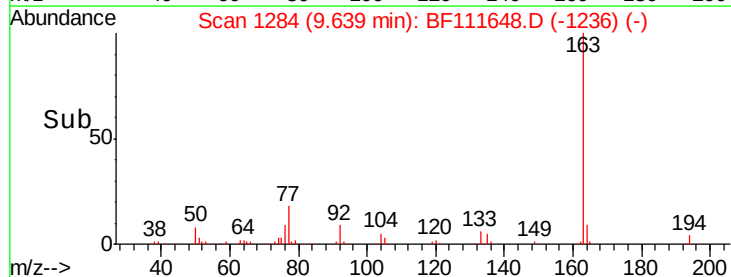
164 9.3 8.9 13.3

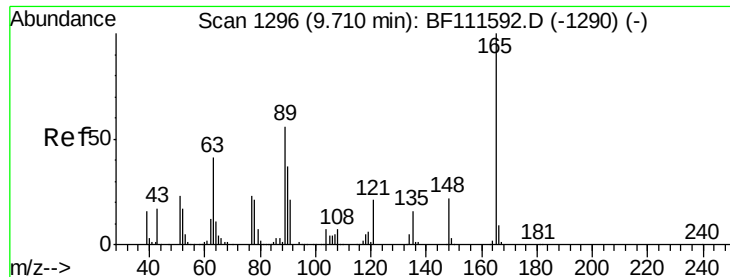


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.966 ng

RT: 9.93 min Scan# 1333

Delta R.T. 0.22 min

Lab File: BF111648.D

Acq: 20 Dec 2018 19:37

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0002-01

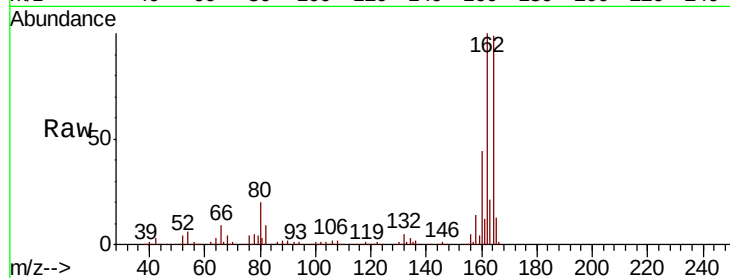
Tgt Ion:165 Resp: 44465

Ion Ratio Lower Upper

165 100

63 1.6 40.5 60.7#

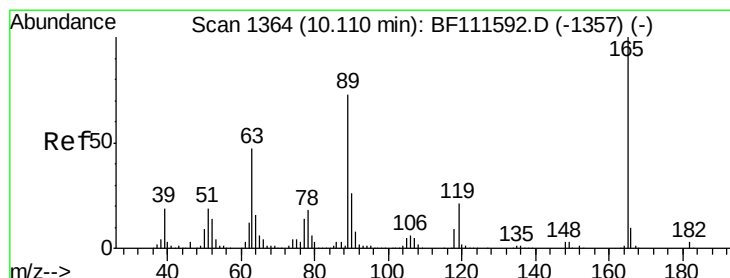
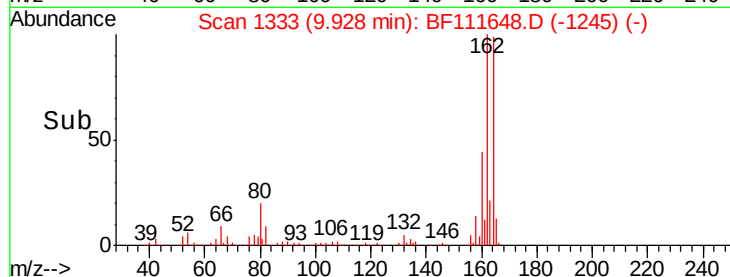
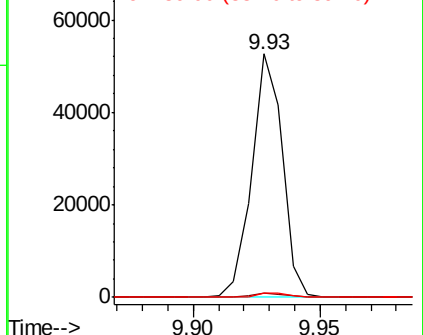
89 1.5 40.0 60.0#



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



#57

2,4-Dinitrotoluene

Concen: 7.460 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.18 min

Lab File: BF111648.D

Acq: 20 Dec 2018 19:37

Tgt Ion:165 Resp: 44465

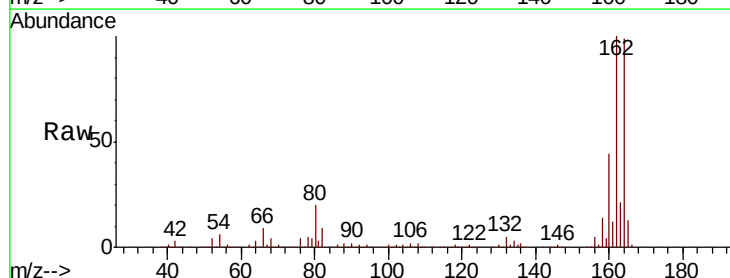
Ion Ratio Lower Upper

165 100

63 1.6 34.6 52.0#

89 1.5 56.2 84.4#

182 0.0 1.8 2.6#

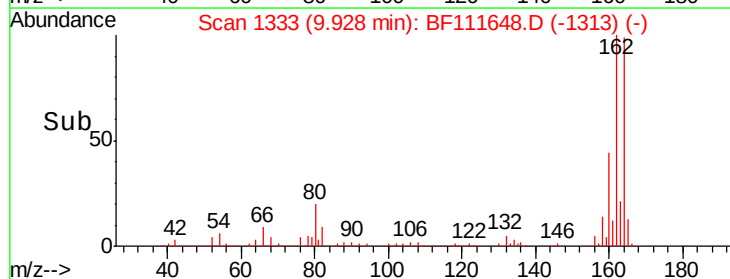
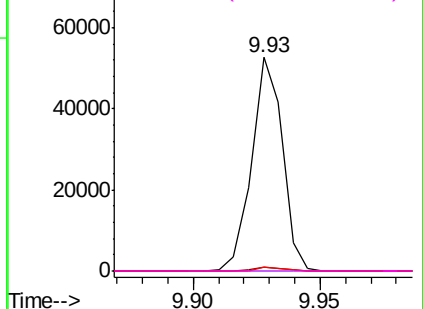


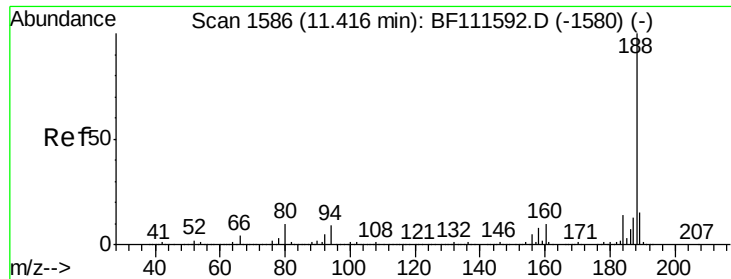
Abundance Ion 165.00 (164.70 to 165.70): E

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

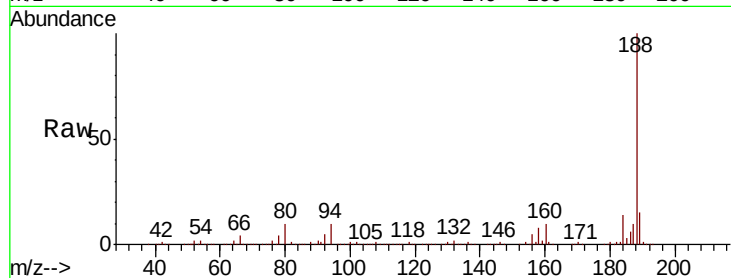




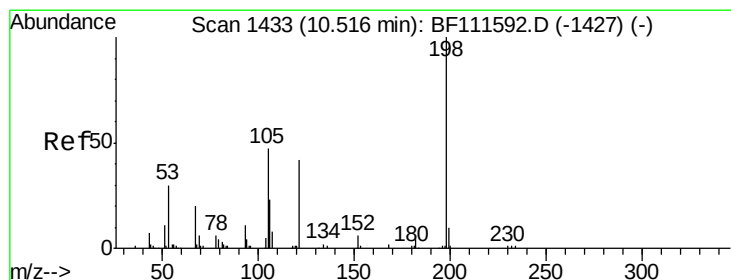
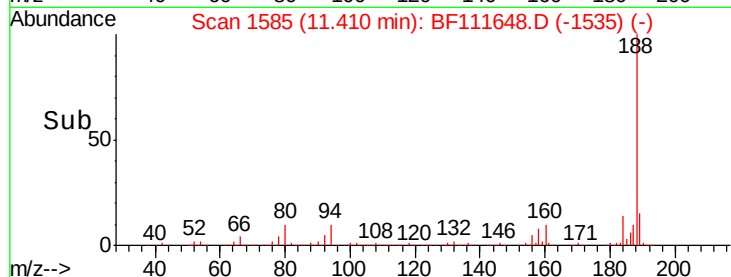
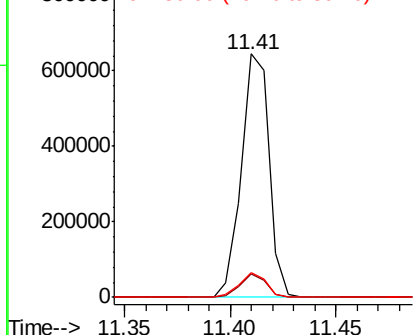
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion:188 Resp: 586168
Ion Ratio Lower Upper
188 100
94 9.6 9.6 14.4
80 10.1 9.8 14.6

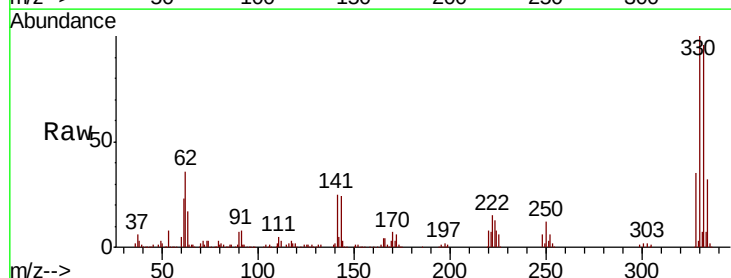


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

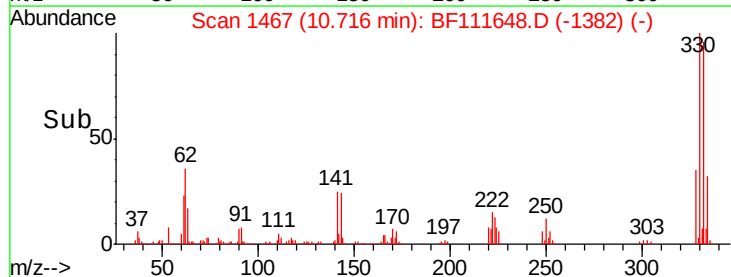
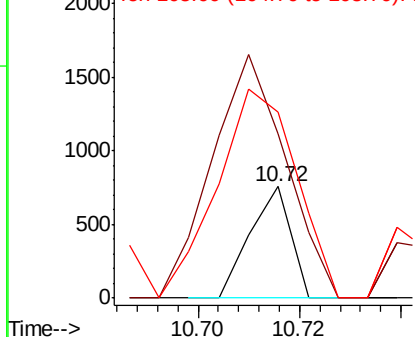


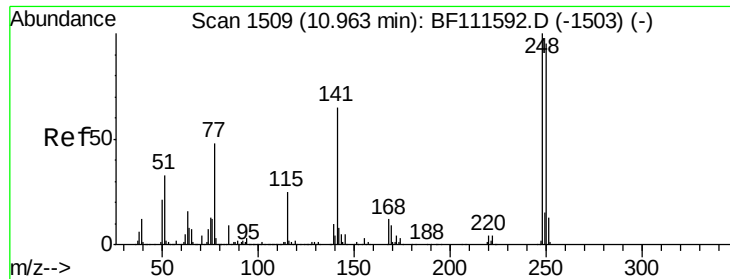
#65
4,6-Dinitro-2-methylphenol
Concen: 6.841 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Tgt Ion:198 Resp: 418
Ion Ratio Lower Upper
198 100
51 147.2 48.0 88.0#
105 166.7 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

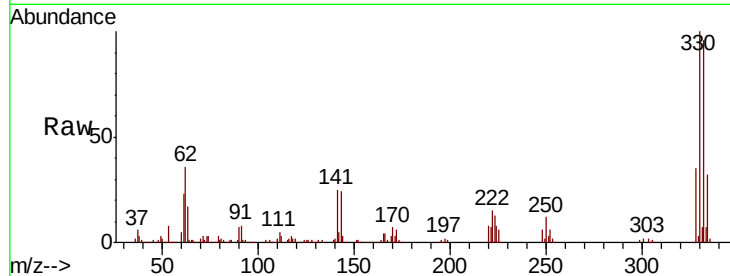




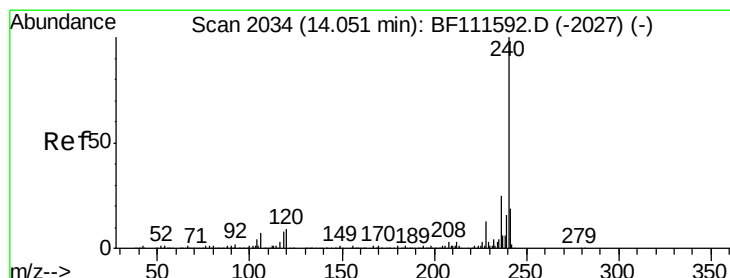
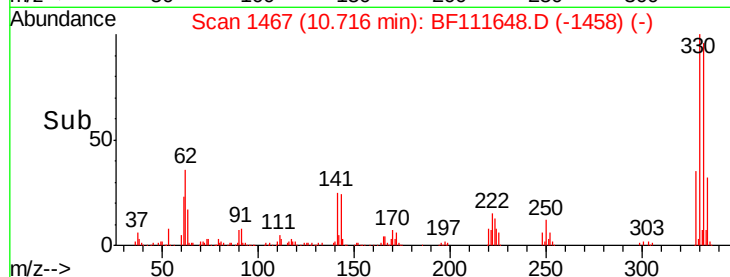
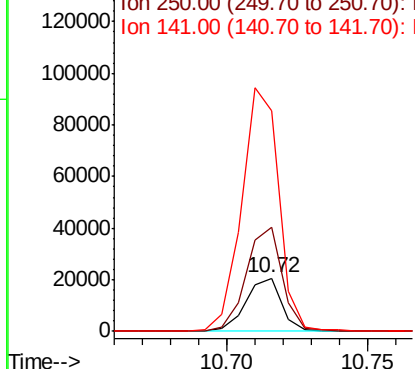
#67
 4-Bromophenyl-phenylether
 Concen: 2.491 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.25 min
 Lab File: BF111648.D
 Acq: 20 Dec 2018 19:37

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS004-0002-01

Tgt Ion:248 Resp: 18111
 Ion Ratio Lower Upper
 248 100
 250 195.0 77.0 115.4#
 141 411.6 63.0 94.6#

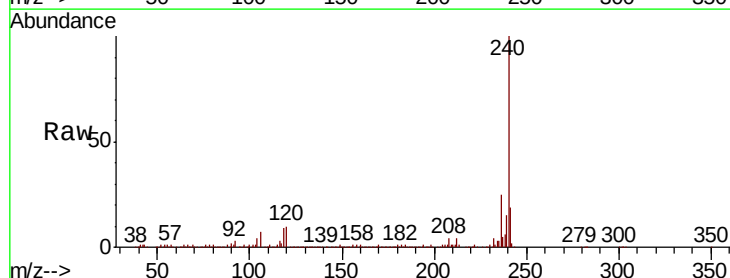


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

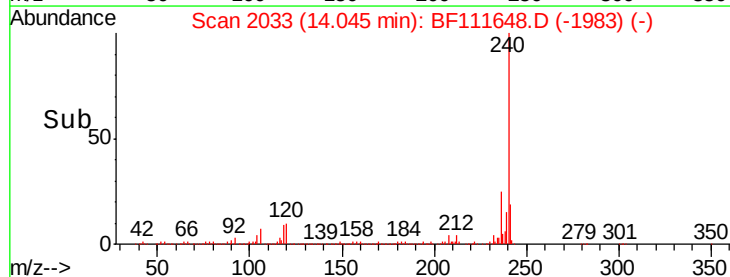
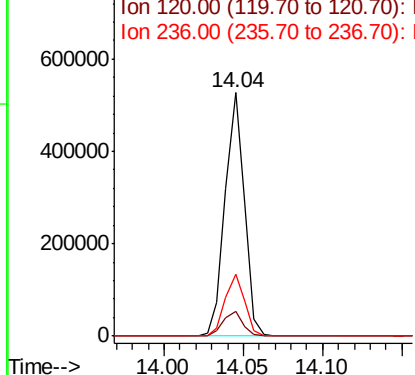


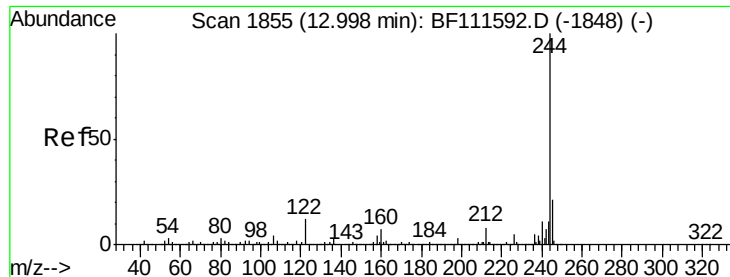
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF111648.D
 Acq: 20 Dec 2018 19:37

Tgt Ion:240 Resp: 444098
 Ion Ratio Lower Upper
 240 100
 120 10.3 12.2 18.2#
 236 25.4 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: 43.783 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111648.D

Acq: 20 Dec 2018 19:37

Instrument :

BNA_F

ClientSampleId :

P001-SS004-0002-01

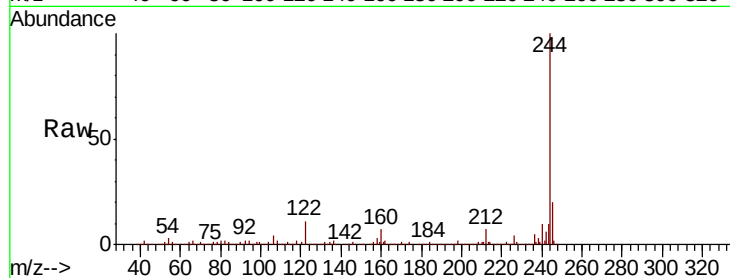
Tgt Ion:244 Resp: 1025290

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

122 11.3 13.1 19.7#

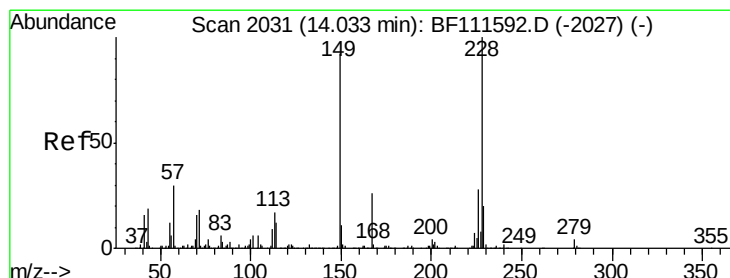
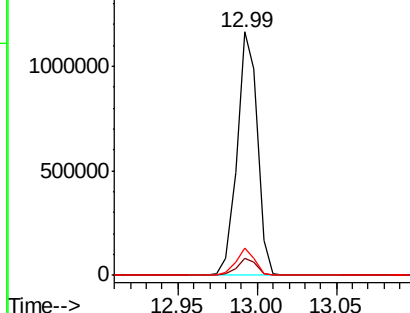
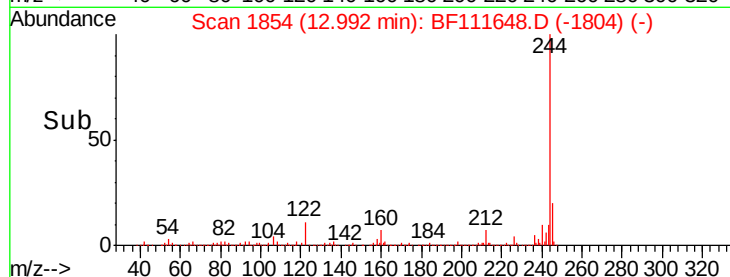


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.769 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF111648.D

Acq: 20 Dec 2018 19:37

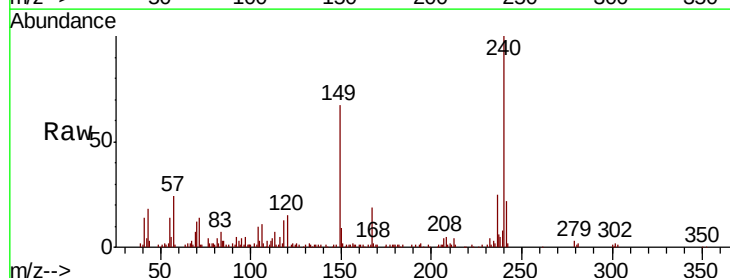
Tgt Ion:149 Resp: 44584

Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

279 4.7 2.6 4.0#

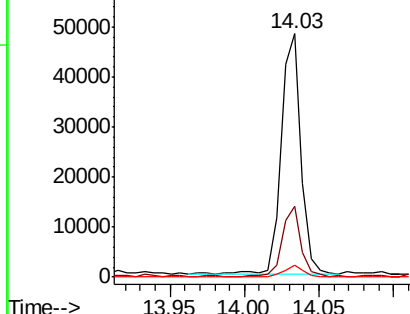
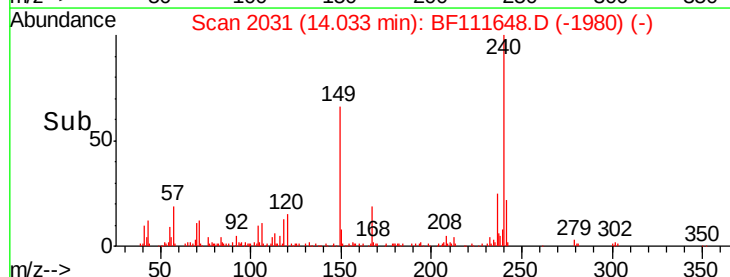


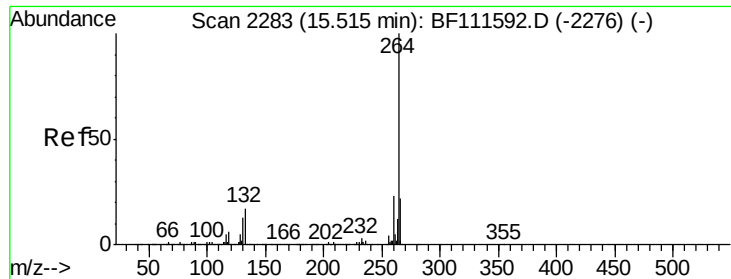
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF111648.D
Acq: 20 Dec 2018 19:37

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0002-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.3	27.5
265	21.7	17.7	26.5

