

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111705.D
 Acq On : 21 Dec 2018 23:26
 Operator : JU/SJ
 Sample : PB115917BL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BL

Quant Time: Dec 22 00:47:34 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

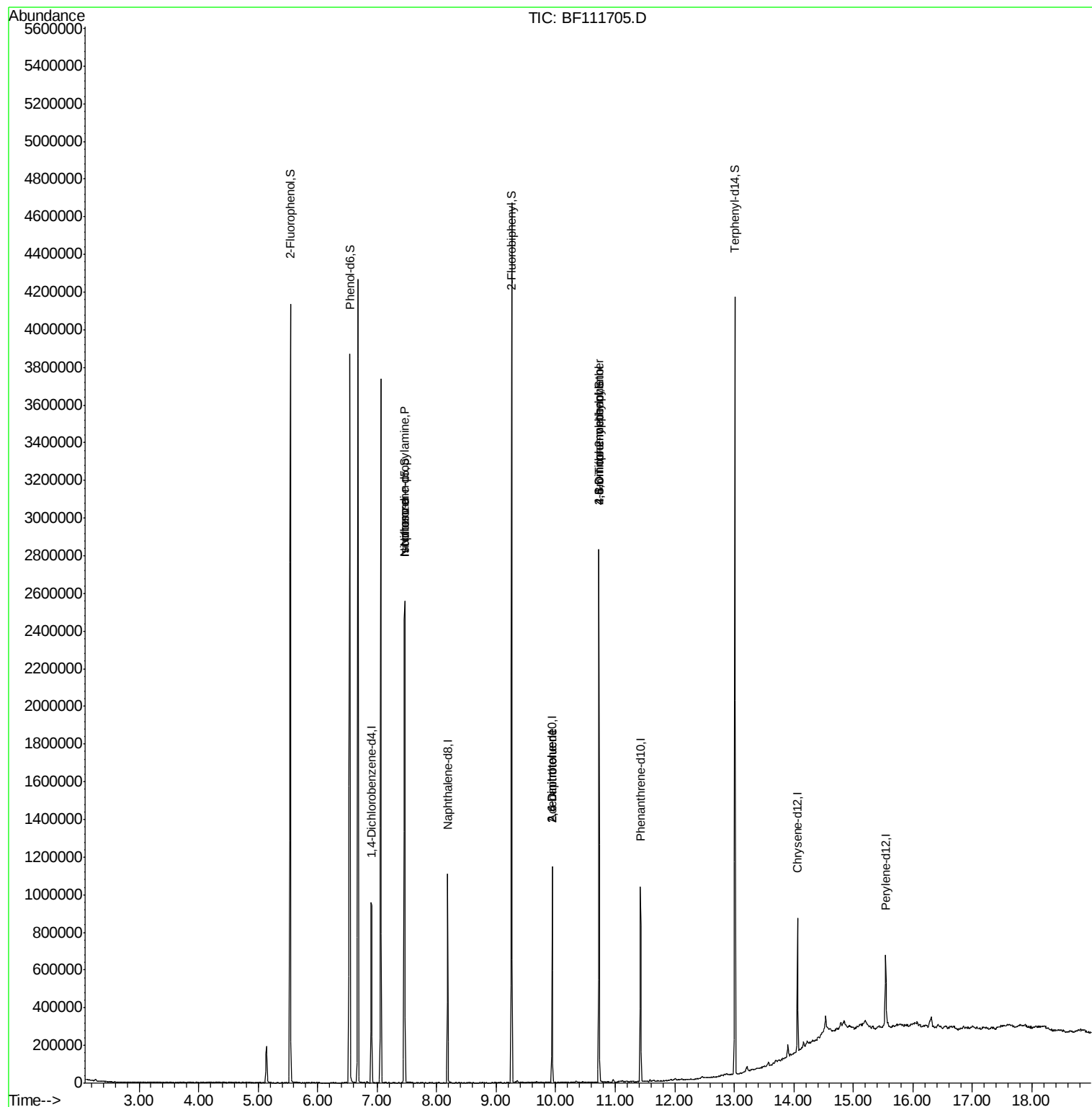
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	145457	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	491942	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	210703	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	356599	20.00	ng	0.00
76) Chrysene-d12	14.06	240	246148	20.00	ng	0.01
87) Perylene-d12	15.54	264	194520	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1114169	130.56	ng	0.02
7) Phenol-d6	6.54	99	1360815	125.30	ng	0.02
23) Nitrobenzene-d5	7.46	82	854393	101.09	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	317146	127.39	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1511203	104.54	ng	0.00
79) Terphenyl-d14	13.01	244	1389815	107.08	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	116435	16.144	ng	# 78
25) Isophorone	7.46	82	854386	56.945	ng	# 64
51) 2,6-Dinitrotoluene	9.94	165	25957	8.449	ng	# 29
57) 2,4-Dinitrotoluene	9.94	165	25957	7.030	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	490	6.979	ng	# 1
67) 4-Bromophenyl-phenylether	10.73	248	20130	4.551	ng	# 1

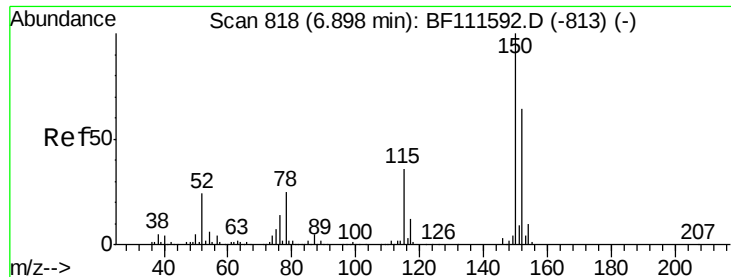
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF111705.D

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BNA_F

ClientSampleId :

PB115917BL

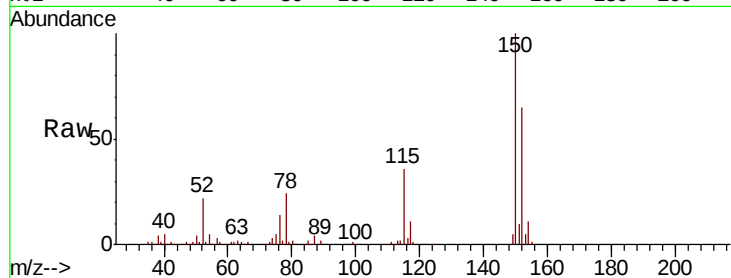
Tgt Ion:152 Resp: 145457

Ion Ratio Lower Upper

152 100

150 153.1 126.6 189.8

115 54.4 50.7 76.1

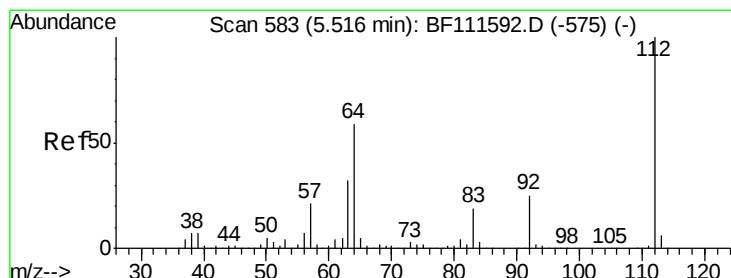
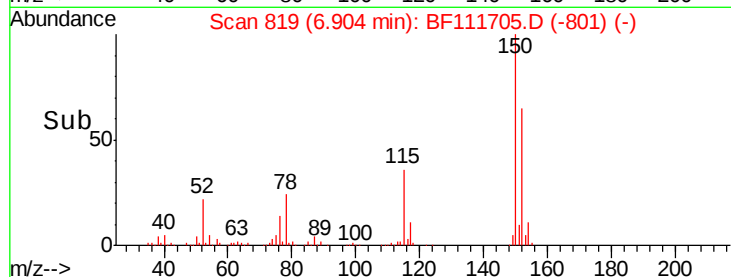
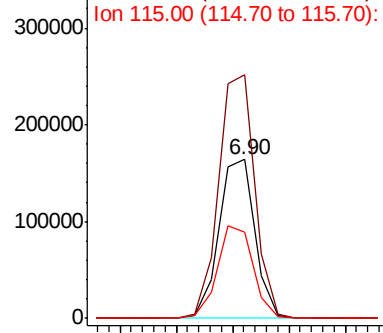


Abundance

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: 130.564 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.02 min

Lab File: BF111705.D

Acq: 21 Dec 2018 23:26

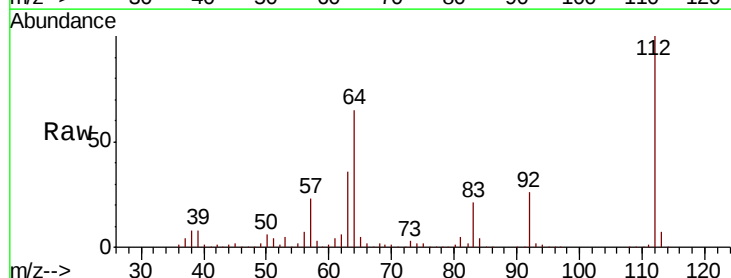
Tgt Ion:112 Resp: 1114169

Ion Ratio Lower Upper

112 100

64 64.6 51.8 77.6

63 35.9 26.8 40.2

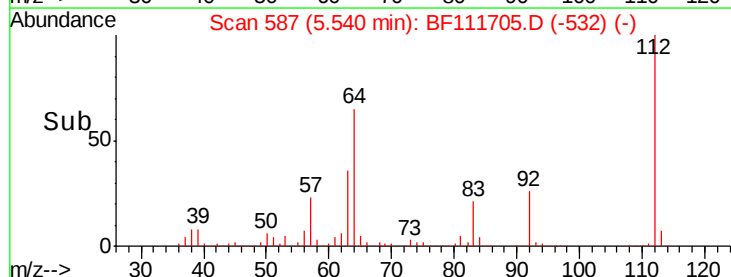
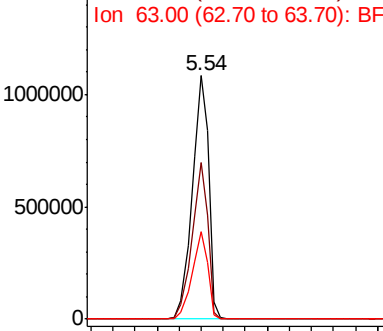


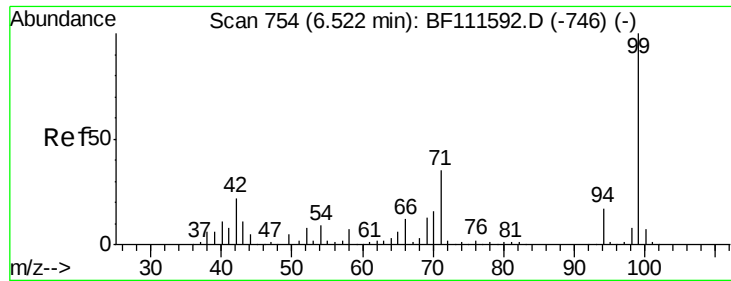
Abundance

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: 125.303 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111705.D

Acq: 21 Dec 2018 23:26

Instrument :

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PB115917BL

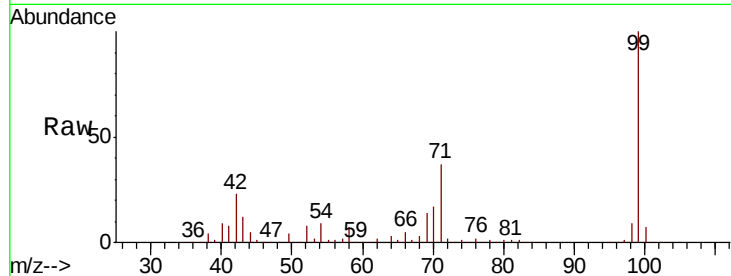
Tgt Ion: 99 Resp: 1360815

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.0

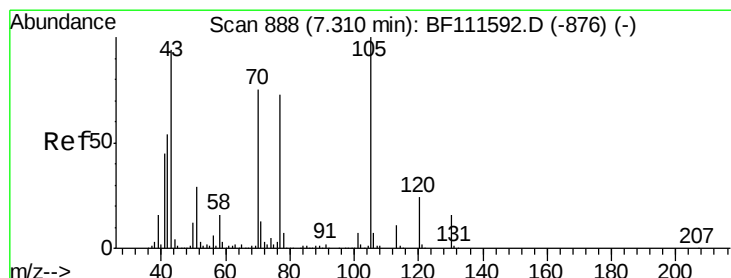
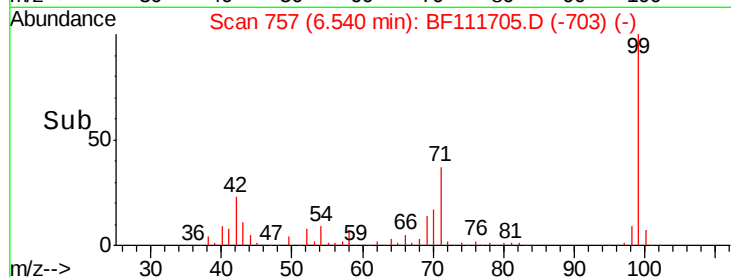
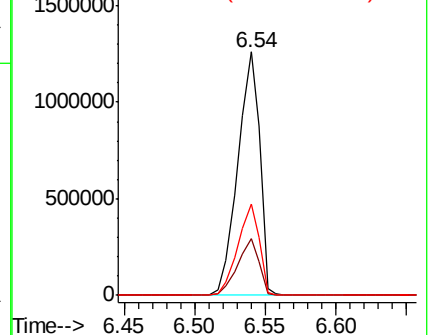
71 37.3 26.1 39.1



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.144 ng

RT: 7.46 min Scan# 913

Delta R.T. 0.15 min

Lab File: BF111705.D

Acq: 21 Dec 2018 23:26

Tgt Ion: 70 Resp: 116435

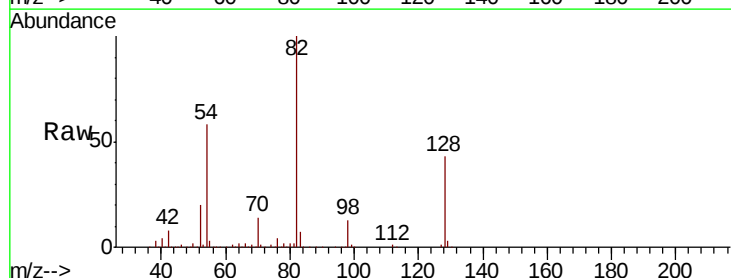
Ion Ratio Lower Upper

70 100

42 55.6 53.2 79.8

101 0.0 8.2 12.4#

130 2.0 18.1 27.1#

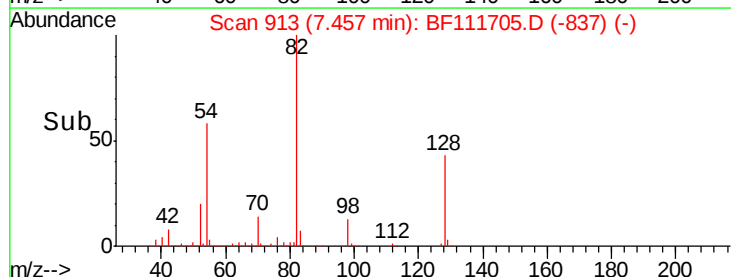
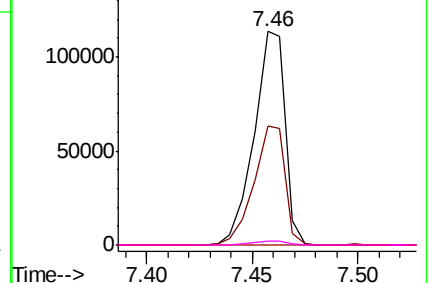


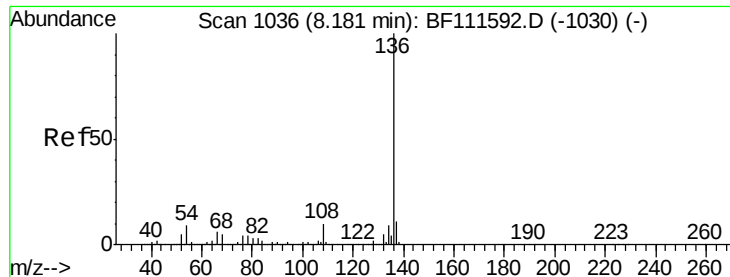
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

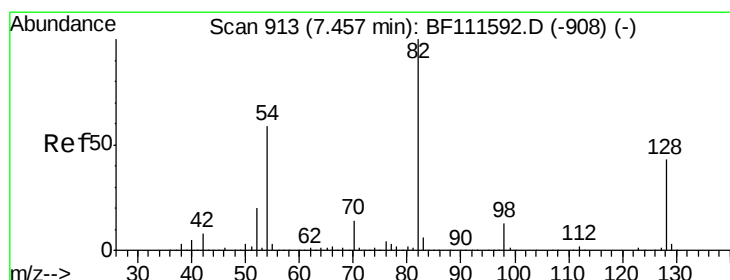
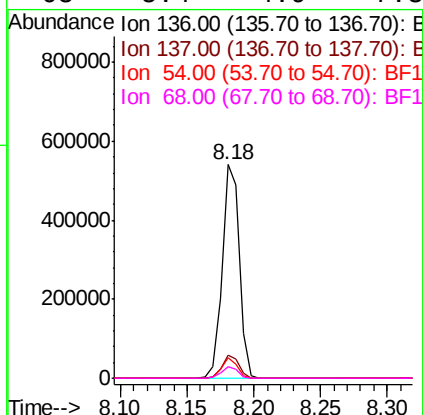
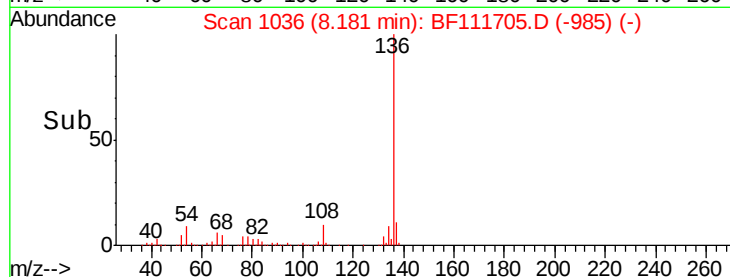
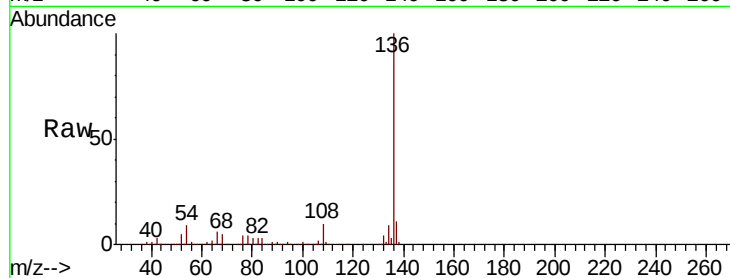




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

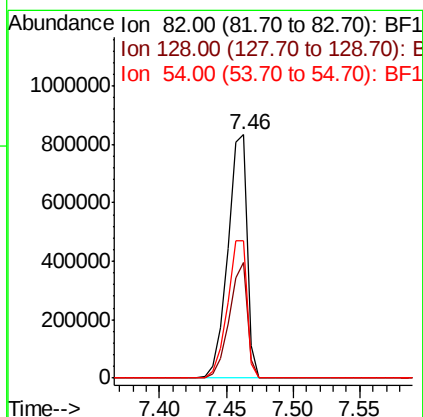
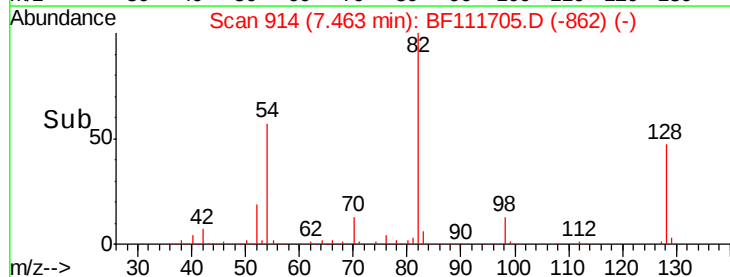
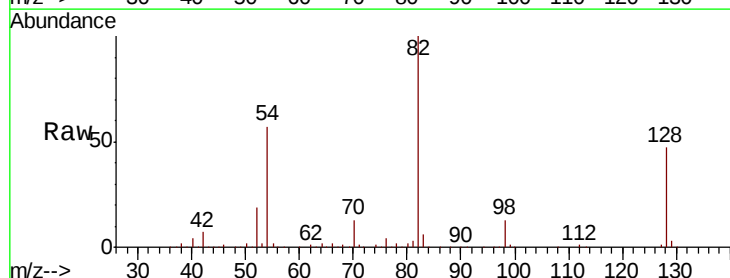
Instrument :
BNA_F
ClientSampleId :
PB115917BL

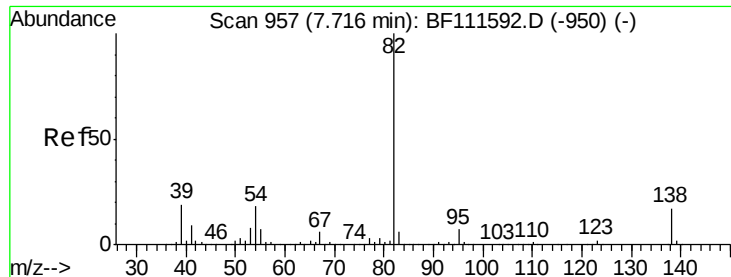
Tgt Ion:	136	Resp:	491942
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	9.3	7.7	11.5
68	5.4	4.9	7.3



#23
Nitrobenzene-d5
Concen: 101.094 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:	82	Resp:	854393
Ion	Ratio	Lower	Upper
82	100		
128	47.4	37.4	56.2
54	56.7	47.6	71.4





#25

Isophorone

Concen: 56.945 ng

RT: 7.46 min Scan# 914

Delta R.T. -0.25 min

Lab File: BF111705.D

Acq: 21 Dec 2018 23:26

Instrument :

BNA_F

ClientSampled :

PB115917BL

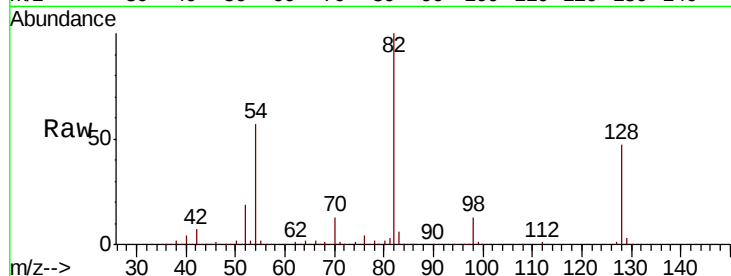
Tgt Ion: 82 Resp: 854386

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

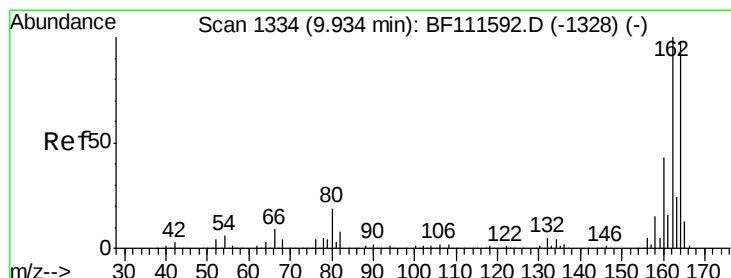
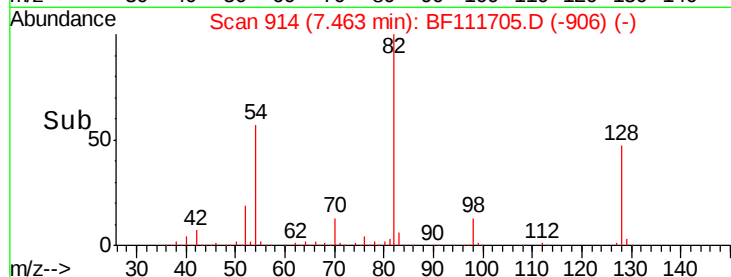
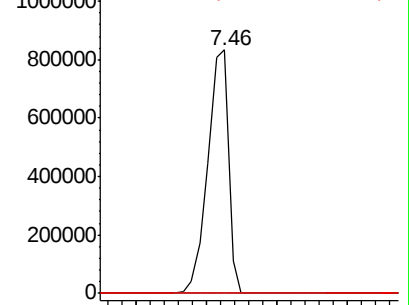
138 0.0 15.1 22.7#



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: BF111705.D

Acq: 21 Dec 2018 23:26

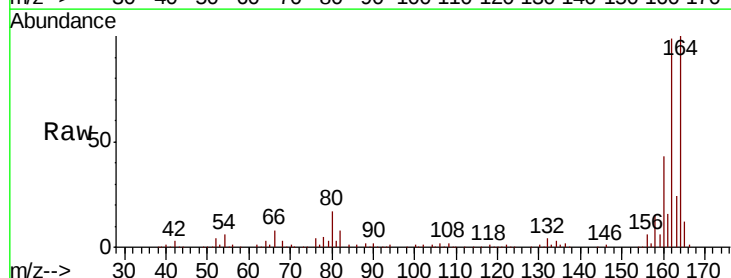
Tgt Ion: 164 Resp: 210703

Ion Ratio Lower Upper

164 100

162 98.6 81.4 122.0

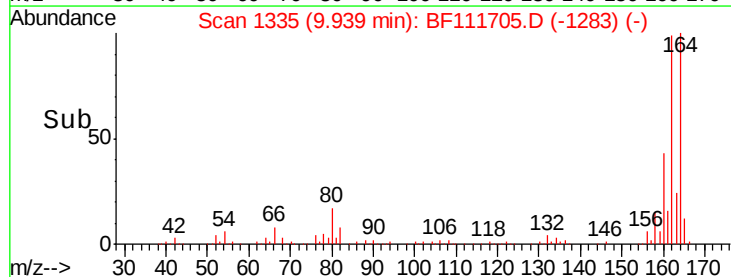
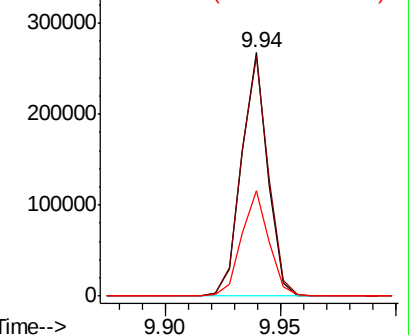
160 43.3 35.7 53.5

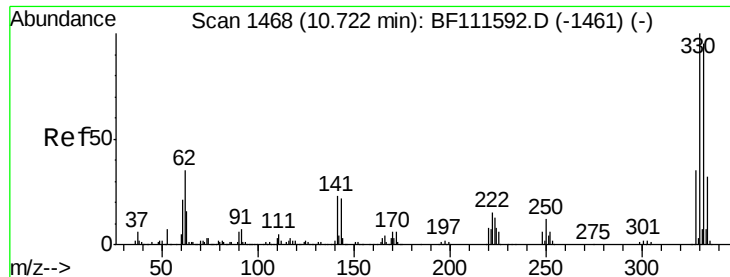


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

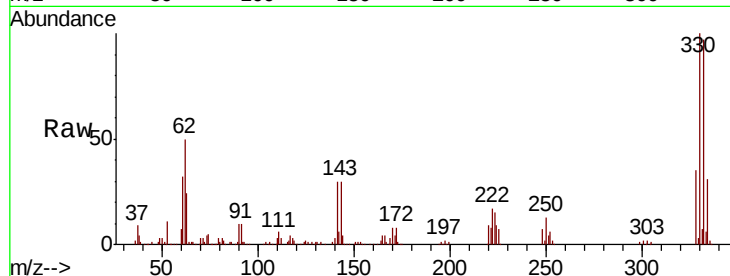




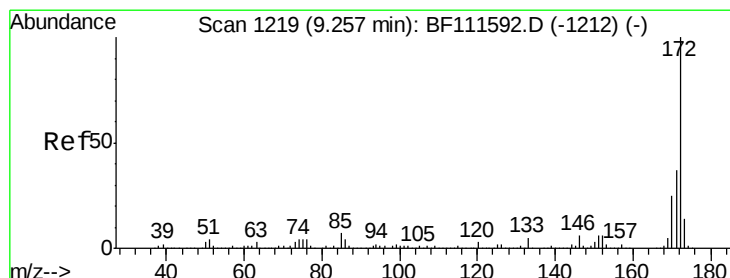
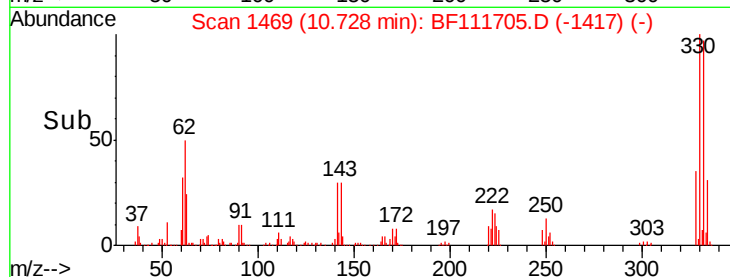
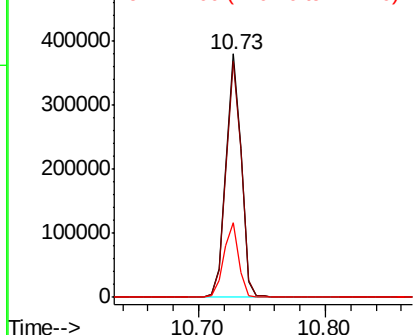
#42
 2,4,6-Tribromophenol
 Concen: 127.387 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.01 min
 Lab File: BF111705.D
 Acq: 21 Dec 2018 23:26

Instrument :
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 ClientSampleId :
 PB115917BL

Tgt Ion:330 Resp: 317146
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.0 114.0
 141 30.1 31.0 46.6#

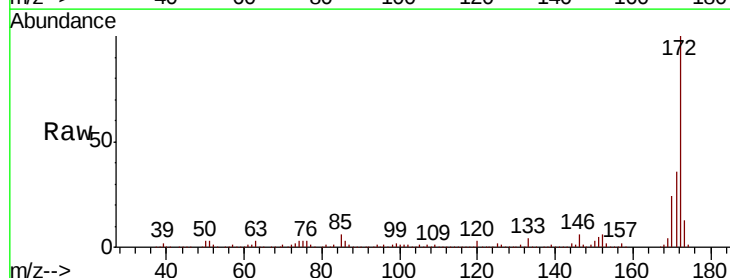


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

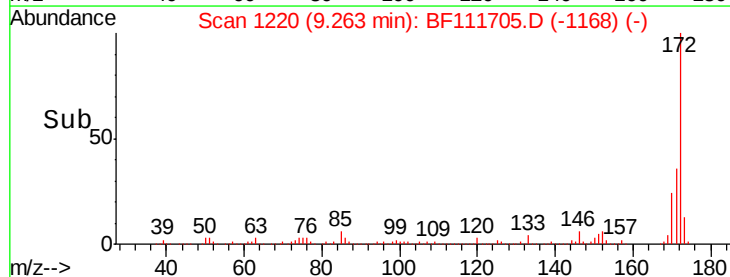
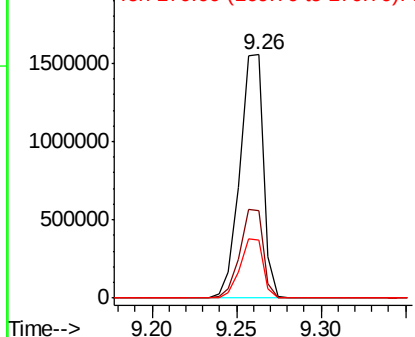


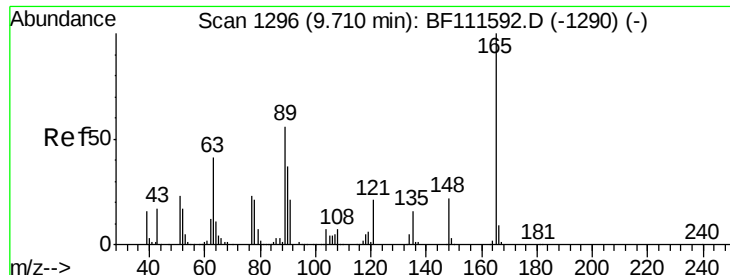
#45
 2-Fluorobiphenyl
 Concen: 104.540 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. 0.01 min
 Lab File: BF111705.D
 Acq: 21 Dec 2018 23:26

Tgt Ion:172 Resp: 1511203
 Ion Ratio Lower Upper
 172 100
 171 36.1 33.0 49.4
 170 24.0 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

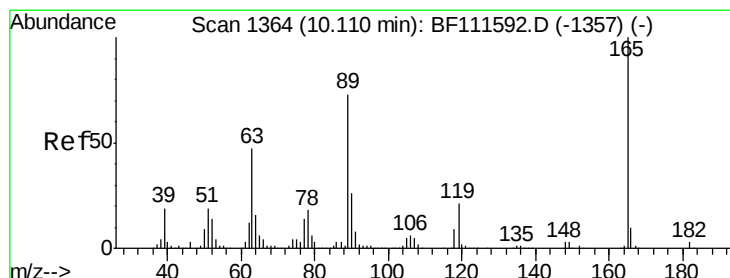
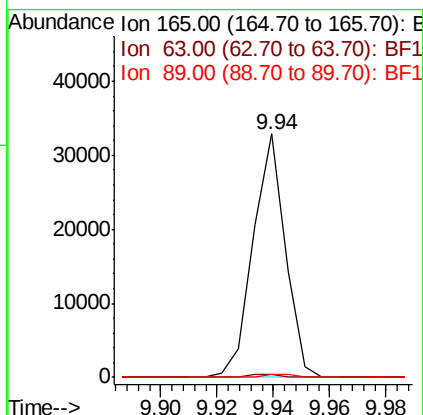
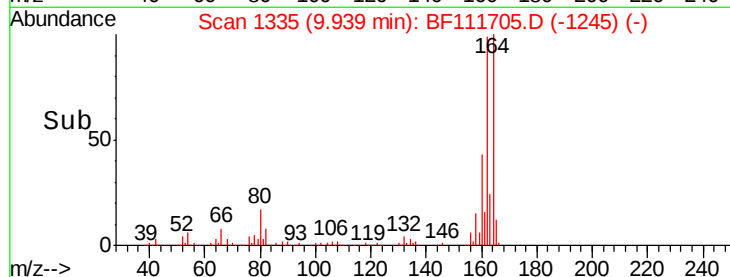
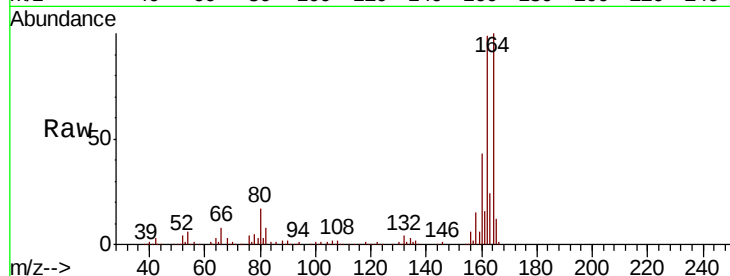




#51
2,6-Dinitrotoluene
Concen: 8.449 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.23 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

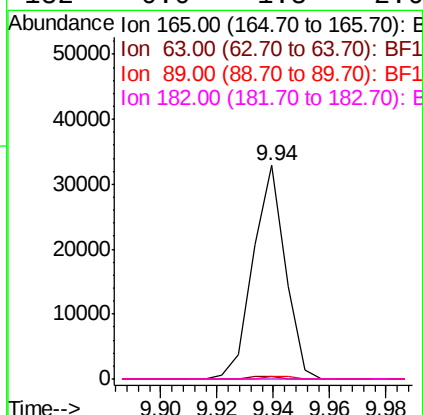
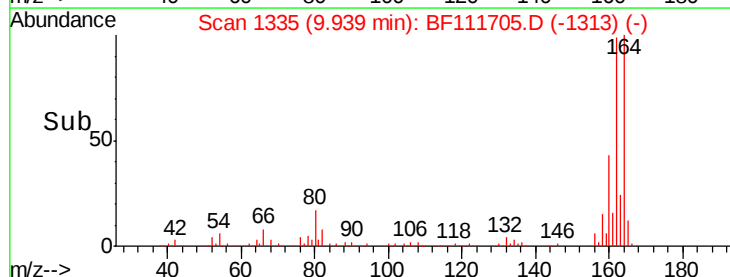
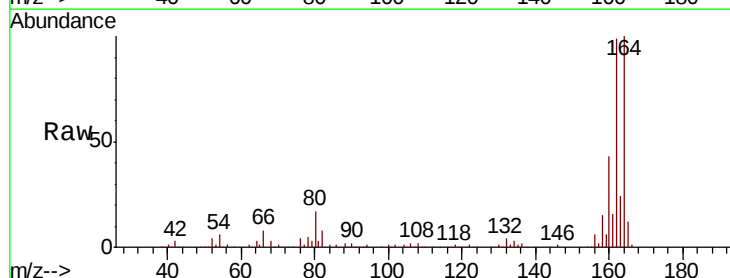
Instrument :
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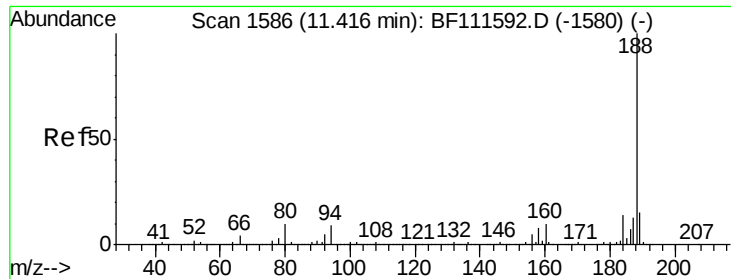
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.5	60.7#
89	1.5	40.0	60.0#



#57
2,4-Dinitrotoluene
Concen: 7.030 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.5	56.2	84.4#
182	0.0	1.8	2.6#

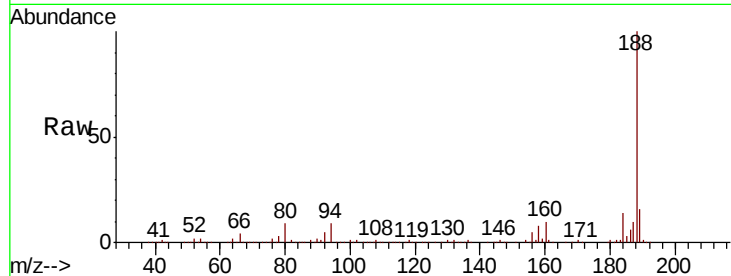




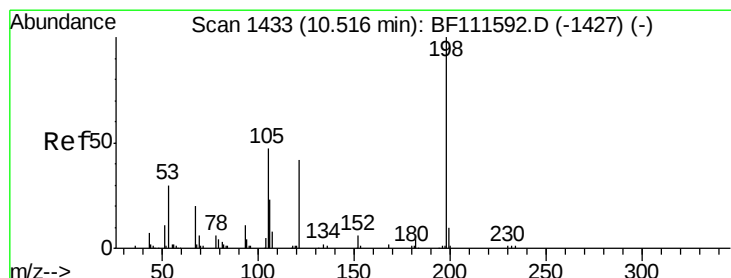
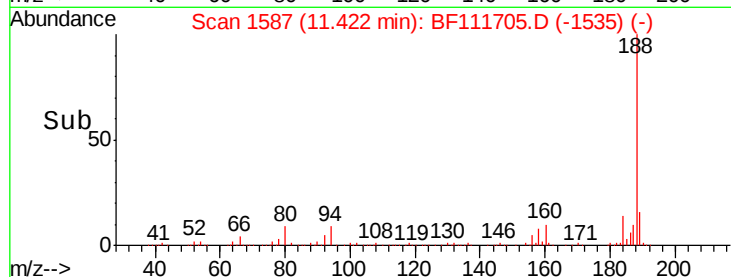
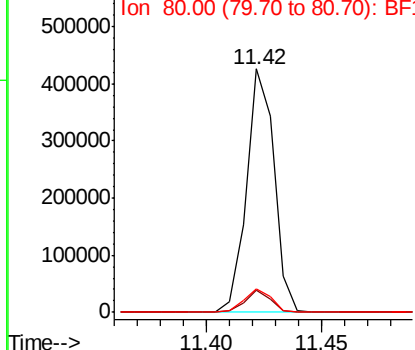
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF111705.D
 Acq: 21 Dec 2018 23:26

Instrument :
 BNA_F
 ClientSampleId :
 PB115917BL

Tgt Ion:188 Resp: 356599
 Ion Ratio Lower Upper
 188 100
 94 9.0 9.6 14.4#
 80 9.4 9.8 14.6#

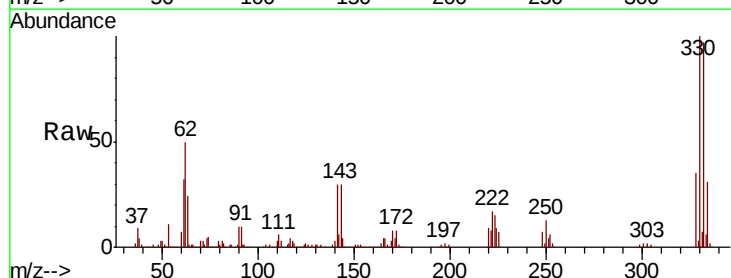


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

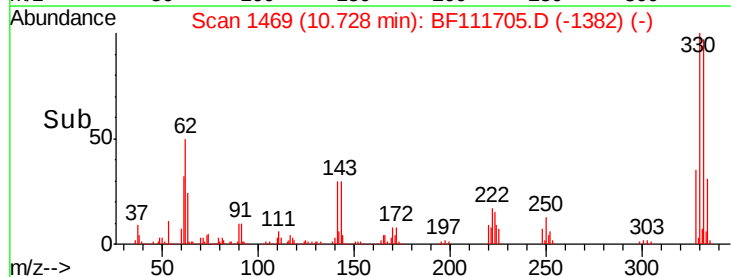
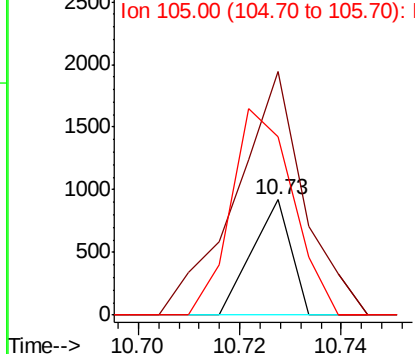


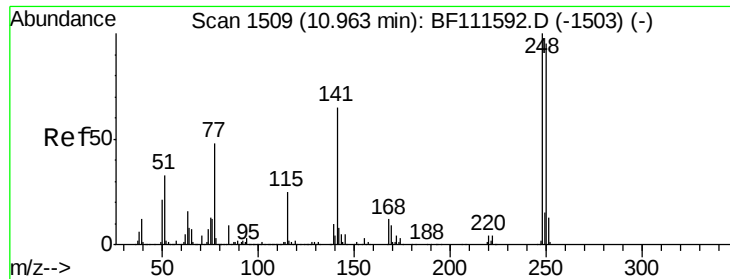
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.979 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. 0.21 min
 Lab File: BF111705.D
 Acq: 21 Dec 2018 23:26

Tgt Ion:198 Resp: 490
 Ion Ratio Lower Upper
 198 100
 51 210.7 48.0 88.0#
 105 154.7 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

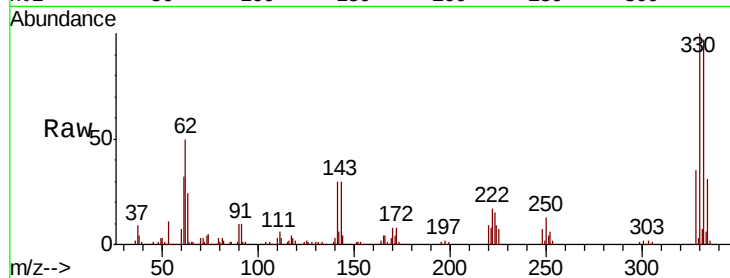




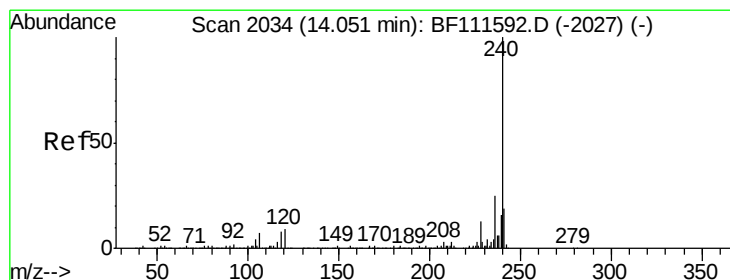
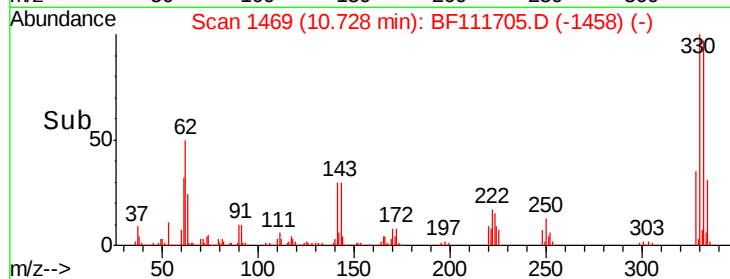
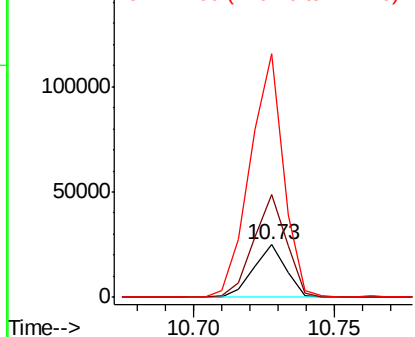
#67
4-Bromophenyl-phenylether
Concen: 4.551 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.24 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Instrument :
BNA_F
ClientSampleId :
PB115917BL

Tgt Ion:248 Resp: 20130
Ion Ratio Lower Upper
248 100
250 197.4 77.0 115.4#
141 465.4 63.0 94.6#

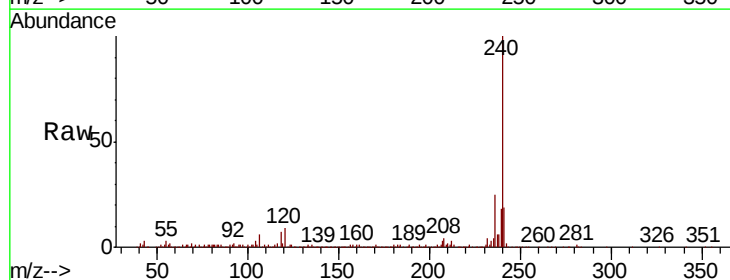


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

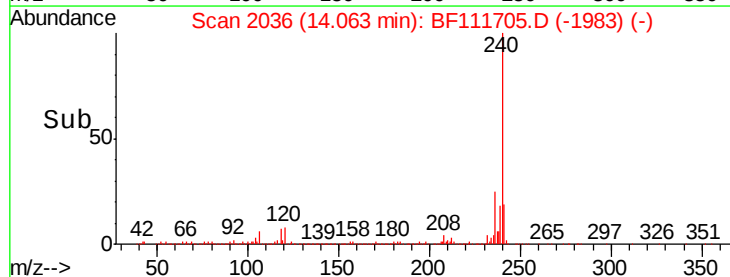
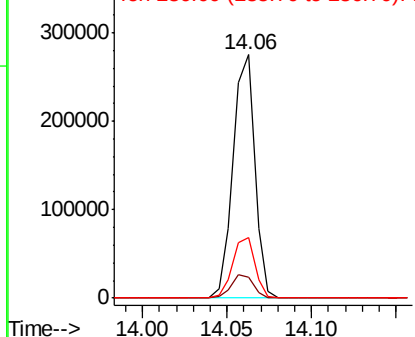


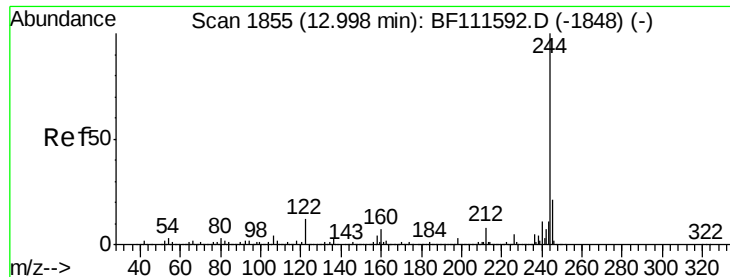
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111705.D
Acq: 21 Dec 2018 23:26

Tgt Ion:240 Resp: 246148
Ion Ratio Lower Upper
240 100
120 8.6 12.2 18.2#
236 24.8 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: 107.077 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111705.D

Acq: 21 Dec 2018 23:26

Instrument :

BNA_F

ClientSampleId :

PB115917BL

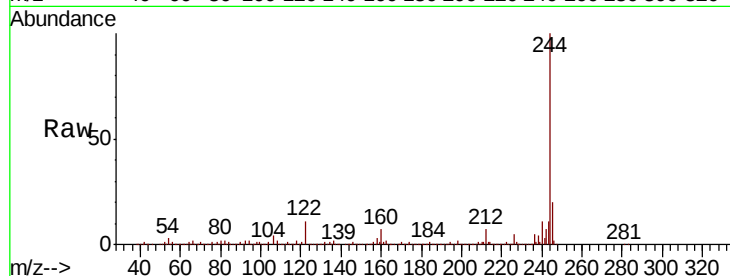
Tgt Ion:244 Resp: 1389815

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

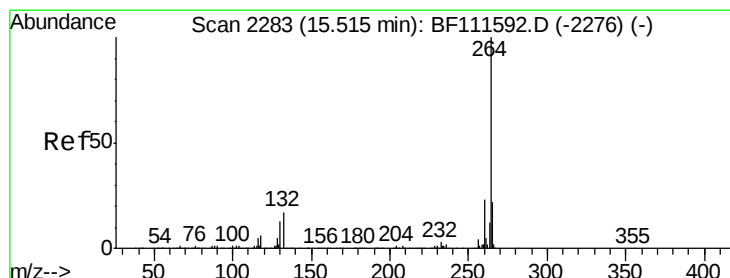
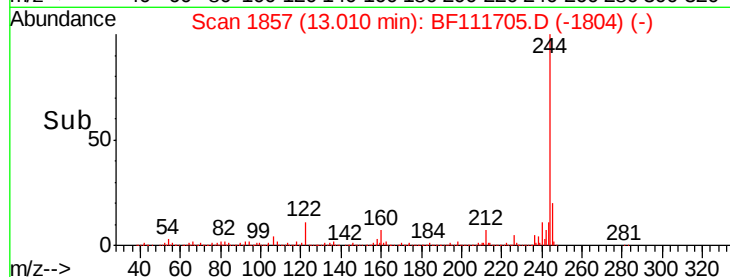
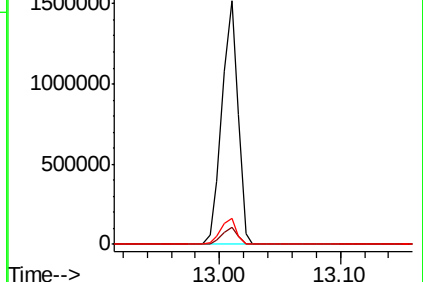
122 10.7 13.1 19.7#



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: 15.54 min Scan# 2288

Delta R.T. 0.03 min

Lab File: BF111705.D

Acq: 21 Dec 2018 23:26

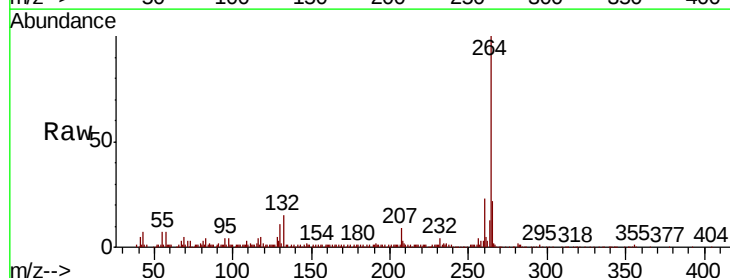
Tgt Ion:264 Resp: 194520

Ion Ratio Lower Upper

264 100

260 23.5 18.3 27.5

265 21.8 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

