

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030619\
 Data File : BF112892.D
 Acq On : 6 Mar 2019 20:05
 Operator : JU/SJ
 Sample : PB117669TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB117669TB

Quant Time: Mar 07 04:20:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

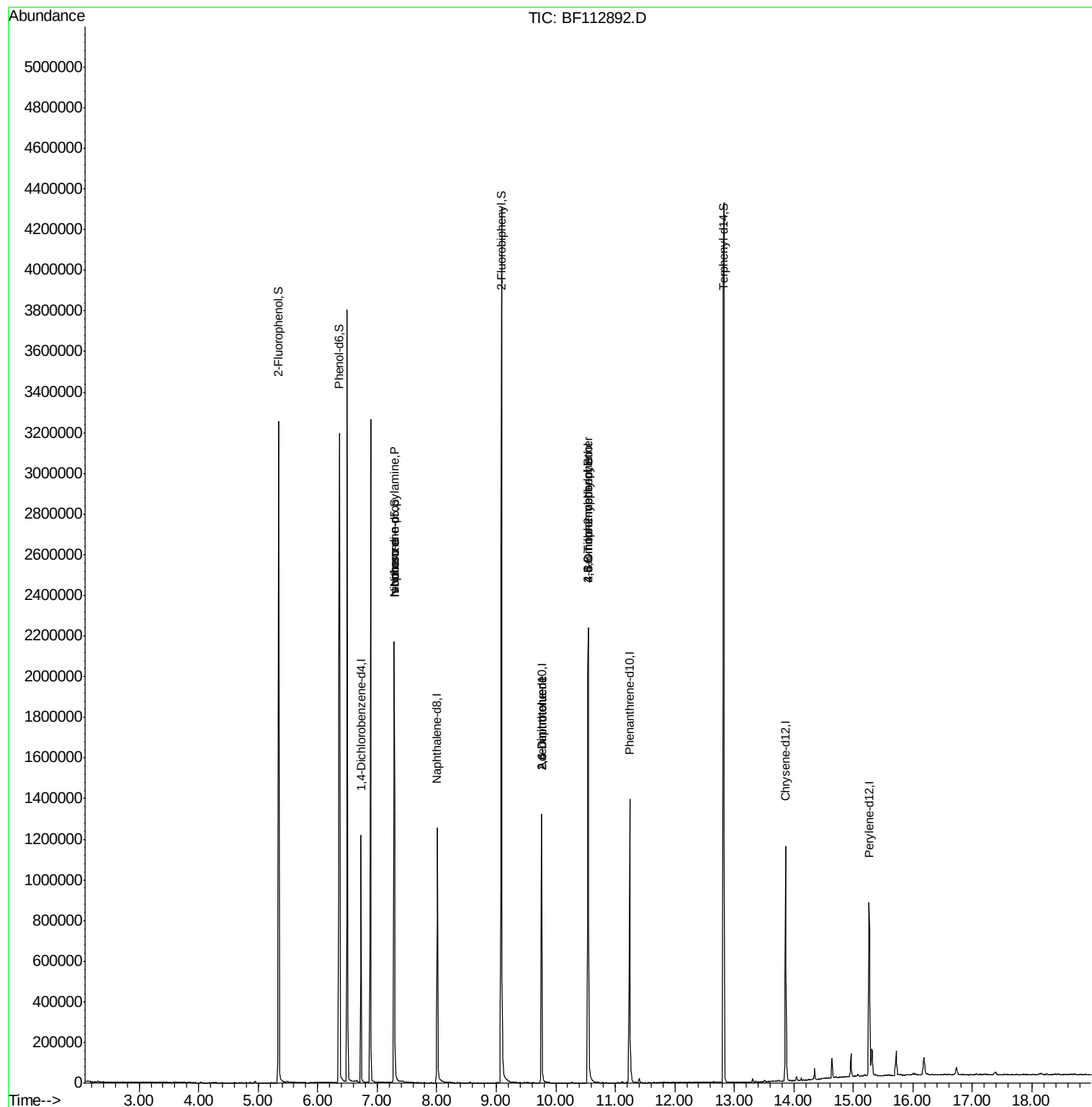
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	169946	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	653344	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	314590	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	651940	20.00	ng	0.00
76) Chrysene-d12	13.86	240	502108	20.00	ng	-0.01
87) Perylene-d12	15.26	264	455437	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	972527	89.02	ng	0.00
7) Phenol-d6	6.36	99	1265586	92.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	775771	71.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	335521	100.46	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1517919	78.29	ng	-0.01
79) Terphenyl-d14	12.82	244	1628064	62.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	101507	11.678	ng	# 76
25) Isophorone	7.29	82	753256	32.023	ng	# 66
51) 2,6-Dinitrotoluene	9.76	165	39714	8.222	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	39714	6.614	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.54	198	516	4.787	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	19366	2.820	ng	# 1

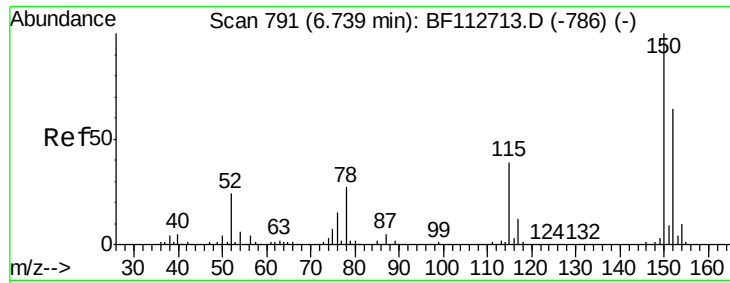
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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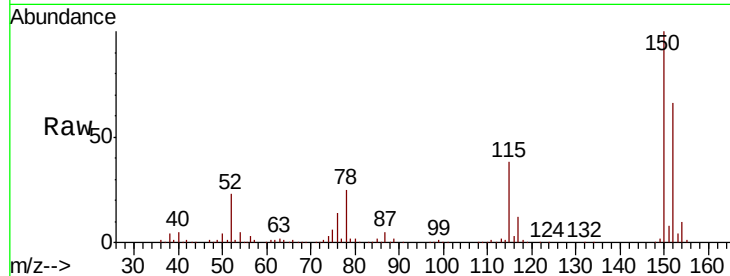


#1

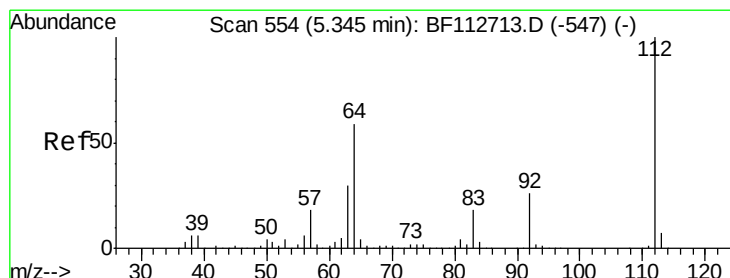
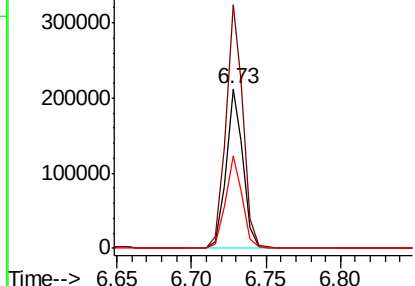
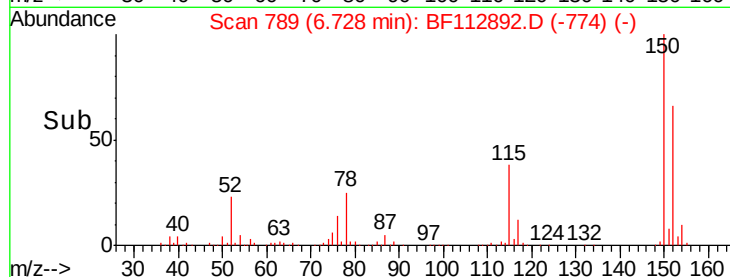
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 PB117669TB

Tgt Ion:152 Resp: 169946
 Ion Ratio Lower Upper
 152 100
 150 152.7 124.2 186.2
 115 57.9 48.2 72.4



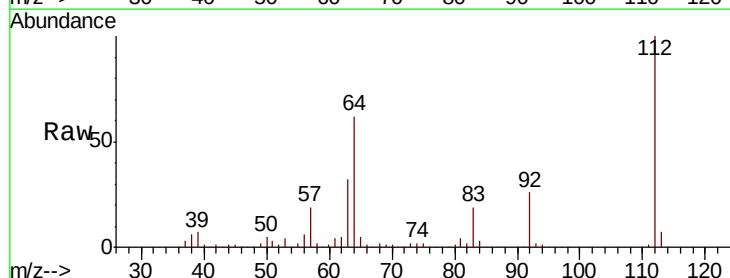
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



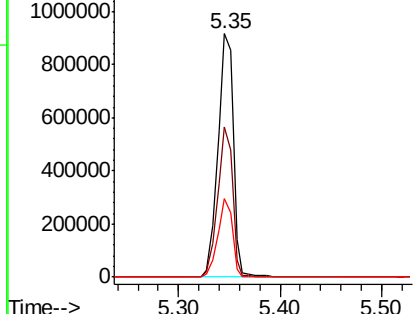
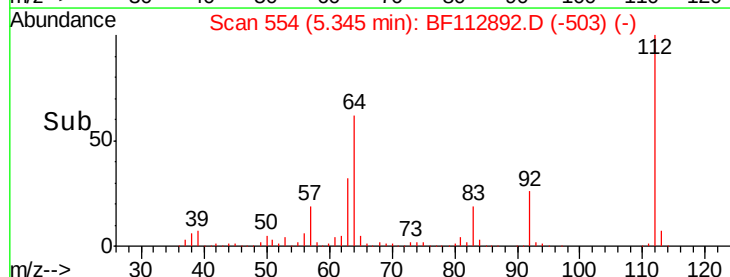
#5

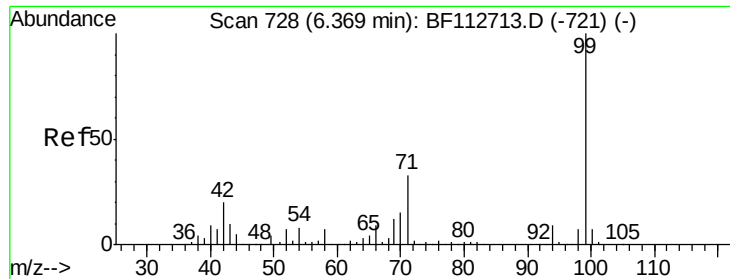
2-Fluorophenol
 Concen: 89.017 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

Tgt Ion:112 Resp: 972527
 Ion Ratio Lower Upper
 112 100
 64 61.9 47.6 71.4
 63 32.1 24.4 36.6



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: 92.218 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

PB117669TB

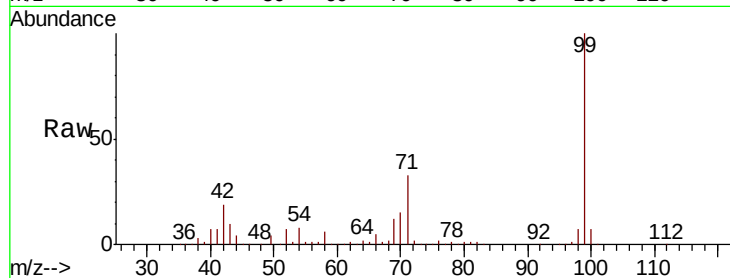
Tgt Ion: 99 Resp: 1265586

Ion Ratio Lower Upper

99 100

42 19.4 16.3 24.5

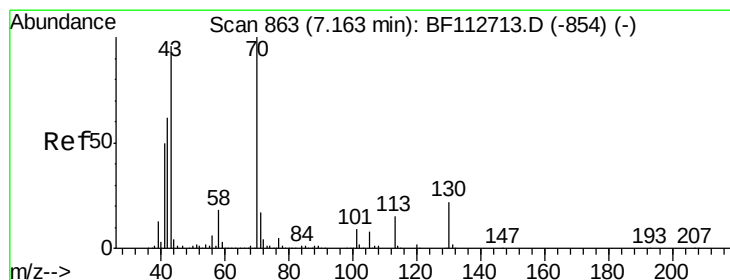
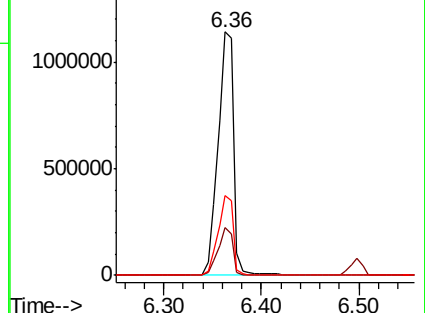
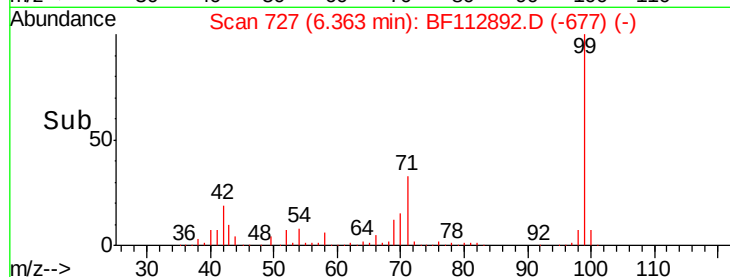
71 32.9 26.2 39.4



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: 11.678 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

Tgt Ion: 70 Resp: 101507

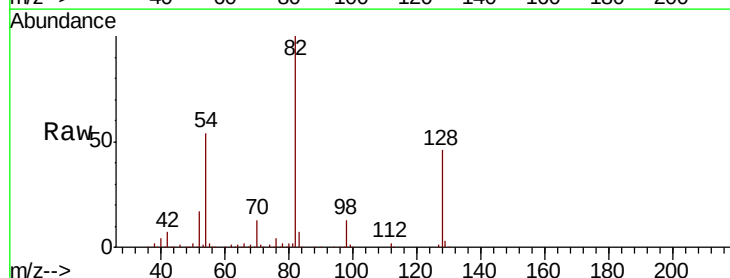
Ion Ratio Lower Upper

70 100

42 48.7 49.9 74.9#

101 0.0 7.4 11.2#

130 2.0 17.4 26.2#

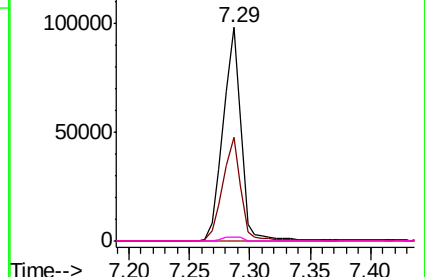
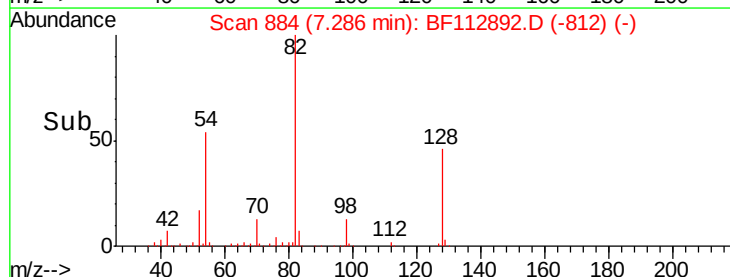


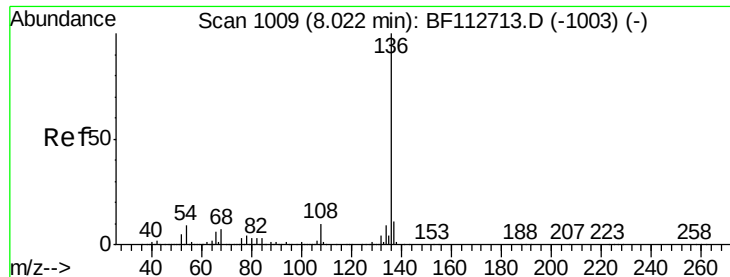
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

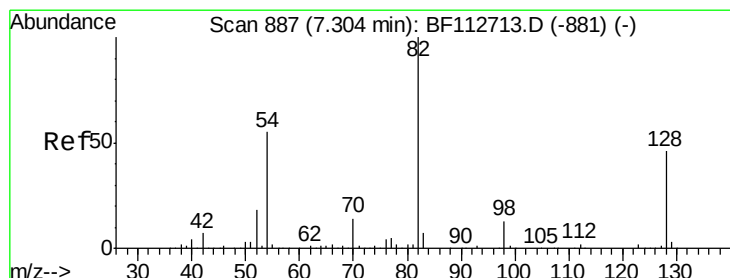
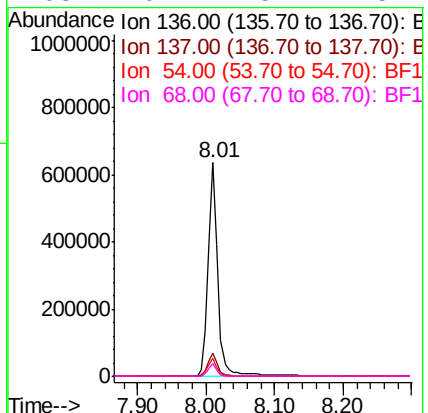
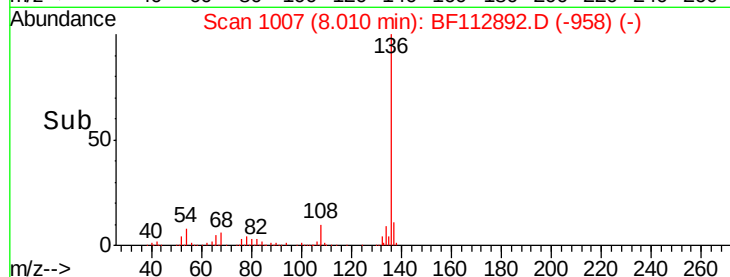
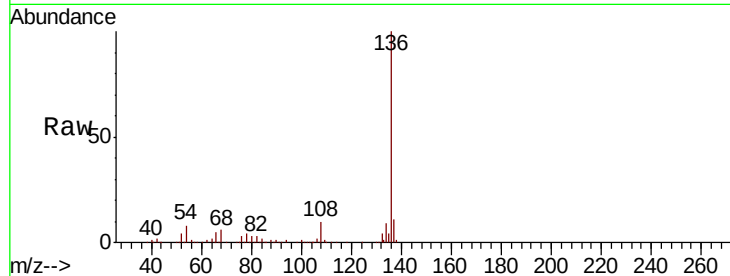




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

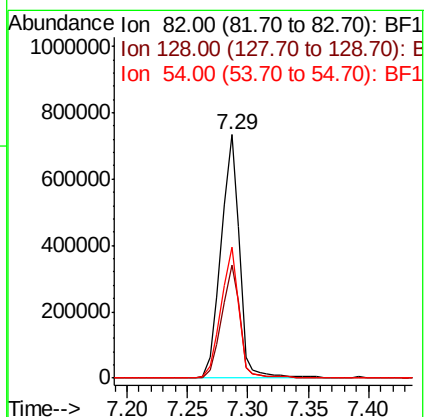
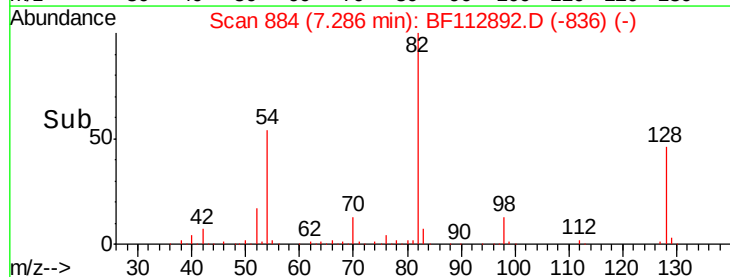
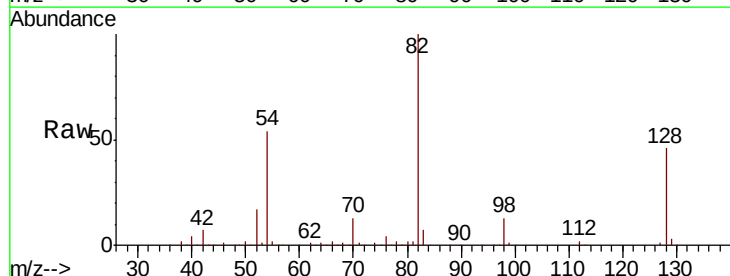
Instrument :
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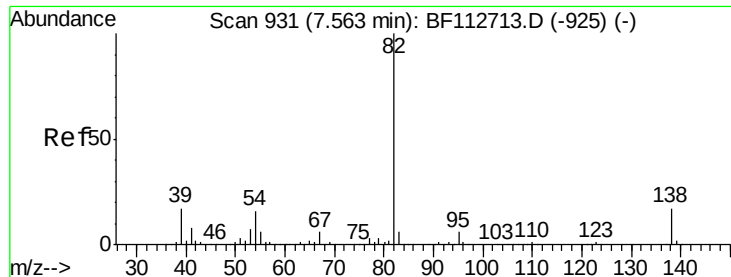
Tgt Ion:	136	Resp:	653344
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.2	7.3	10.9
68	6.1	5.4	8.2



#23
Nitrobenzene-d5
Concen: 71.051 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112892.D
Acq: 6 Mar 2019 20:05

Tgt Ion:	82	Resp:	775771
Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	53.7	43.7	65.5





#25

Isophorone

Concen: 32.023 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

PB117669TB

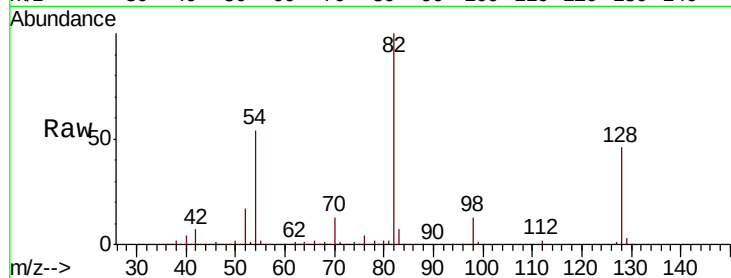
Tgt Ion: 82 Resp: 753256

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

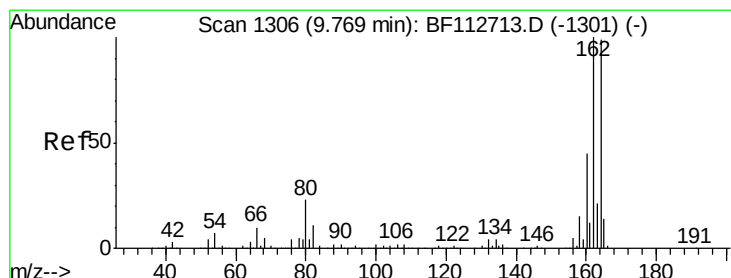
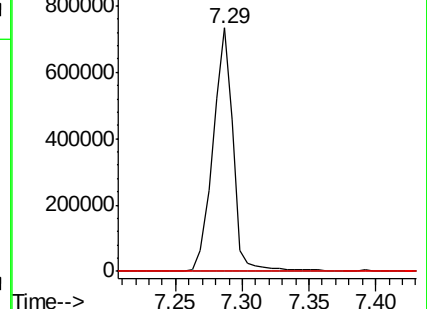
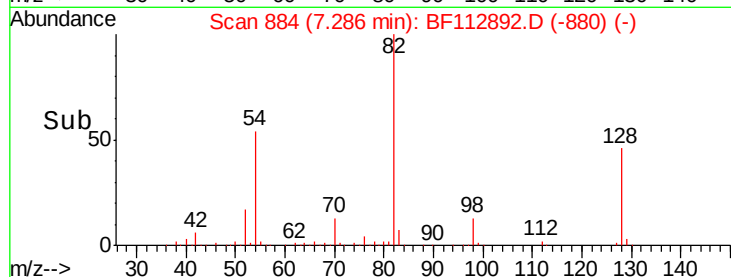
138 0.0 13.8 20.8#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

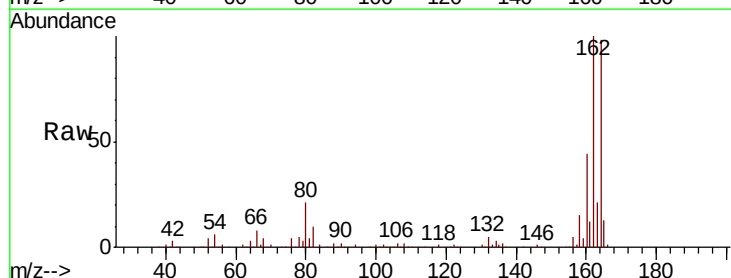
Tgt Ion: 164 Resp: 314590

Ion Ratio Lower Upper

164 100

162 102.2 80.6 120.8

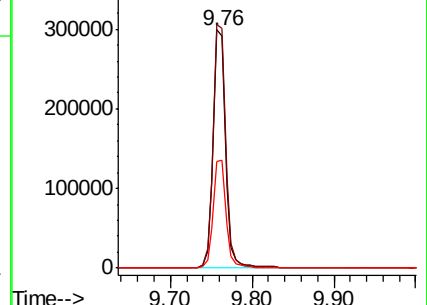
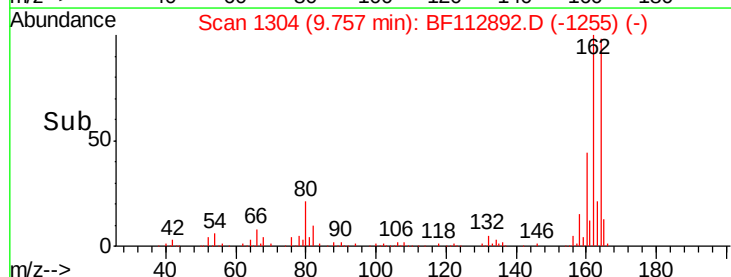
160 44.9 36.0 54.0

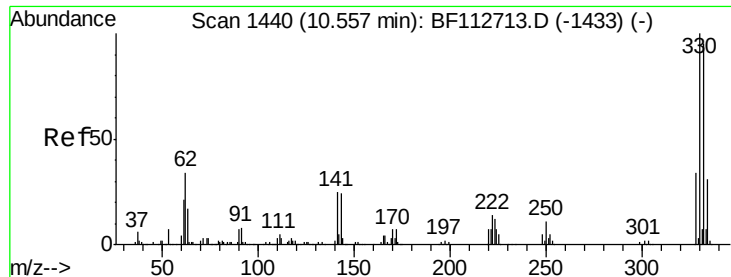


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

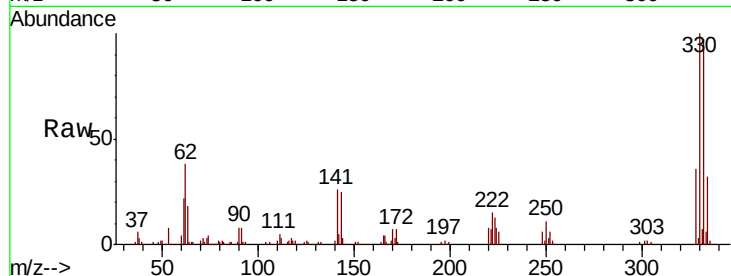




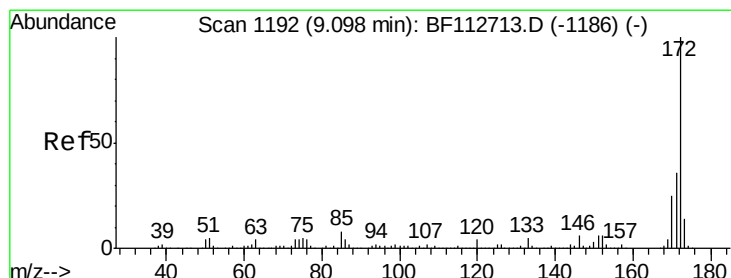
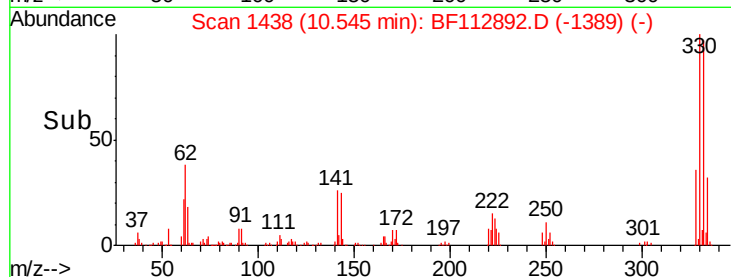
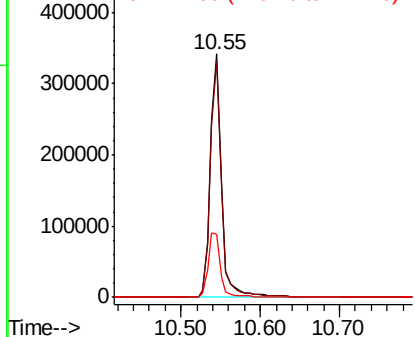
#42
 2,4,6-Tribromophenol
 Concen: 100.462 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

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Tgt Ion:330 Resp: 335521
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.2 114.4
 141 29.4 27.0 40.6

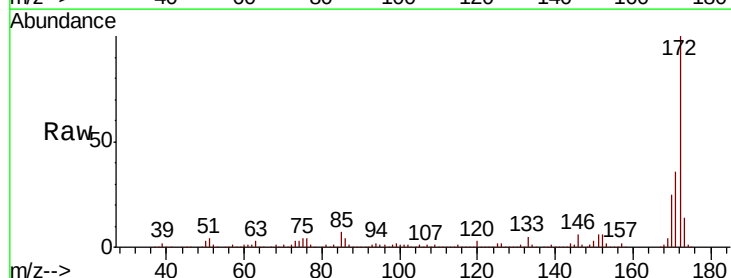


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

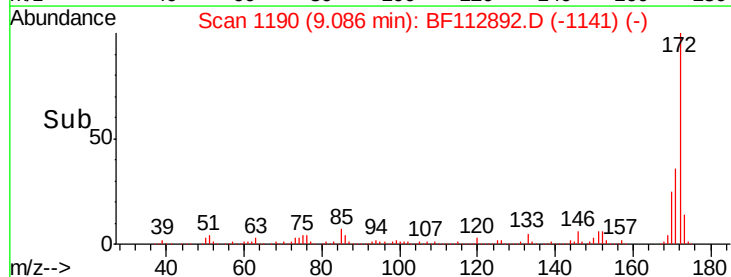
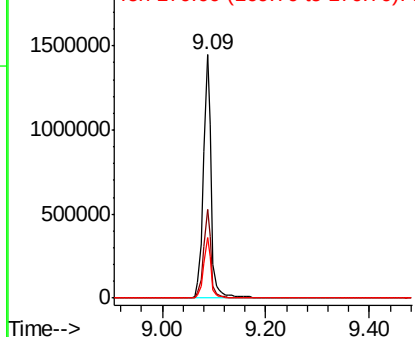


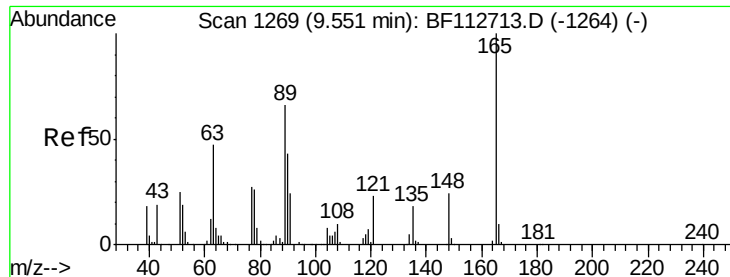
#45
 2-Fluorobiphenyl
 Concen: 78.294 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

Tgt Ion:172 Resp: 1517919
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.4
 170 24.8 20.0 30.0



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

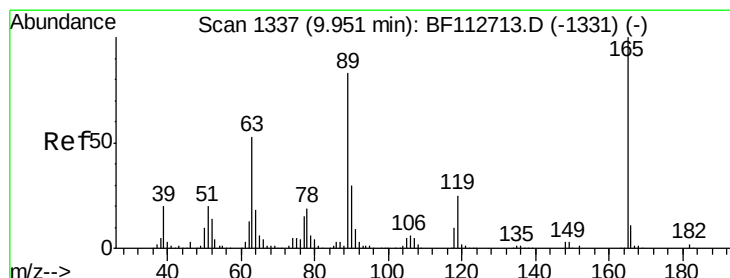
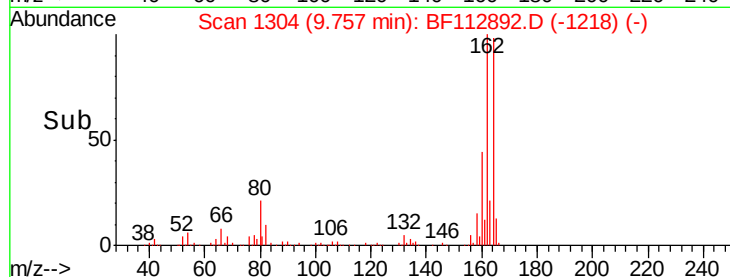
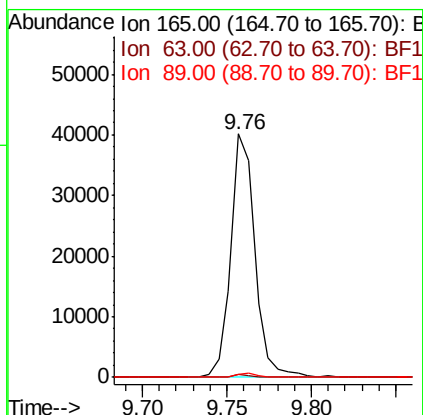
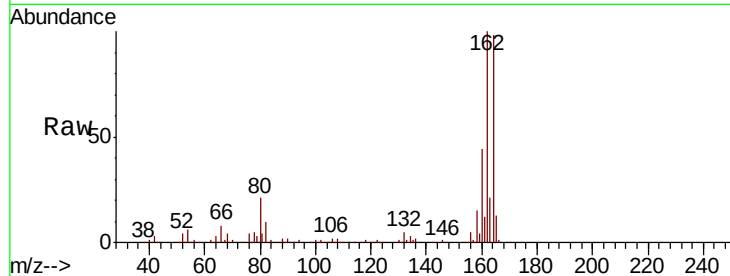




#51
 2,6-Dinitrotoluene
 Concen: 8.222 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

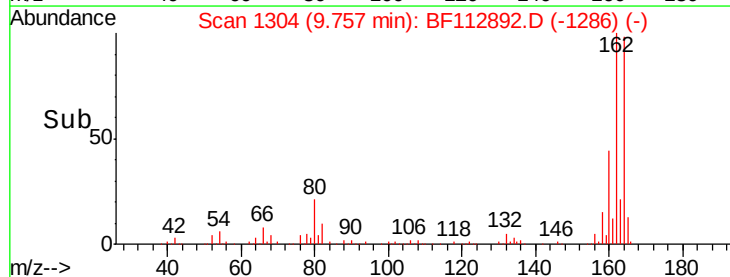
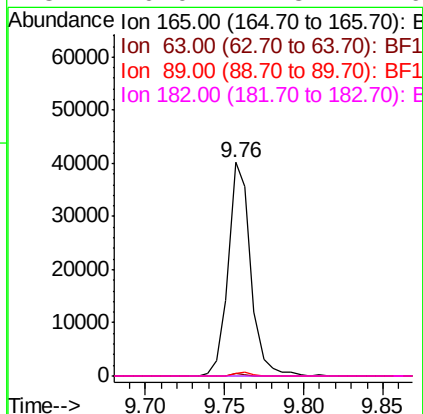
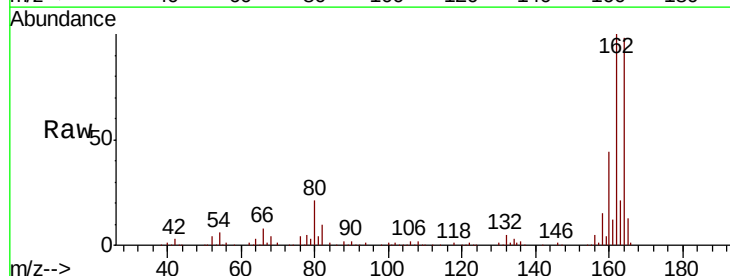
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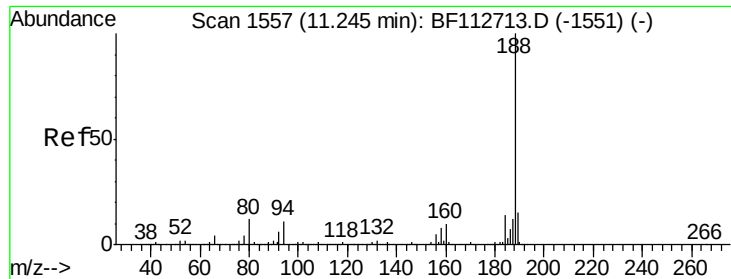
Tgt Ion:165 Resp: 39714
 Ion Ratio Lower Upper
 165 100
 63 1.2 54.1 81.1#
 89 1.3 52.8 79.2#



#57
 2,4-Dinitrotoluene
 Concen: 6.614 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

Tgt Ion:165 Resp: 39714
 Ion Ratio Lower Upper
 165 100
 63 1.2 42.2 63.2#
 89 1.3 66.2 99.4#
 182 0.0 1.8 2.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

PB117669TB

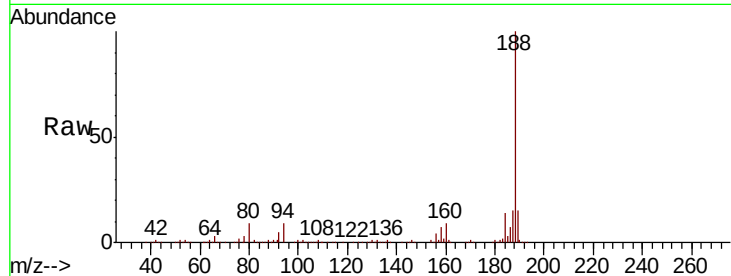
Tgt Ion:188 Resp: 651940

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

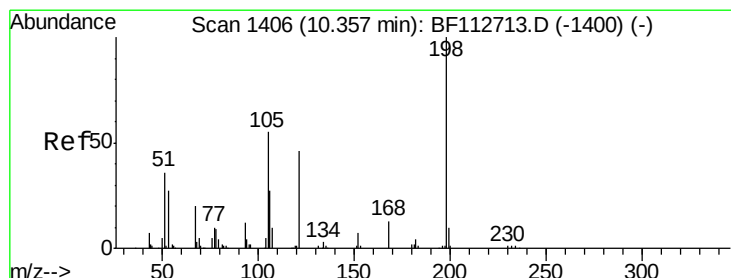
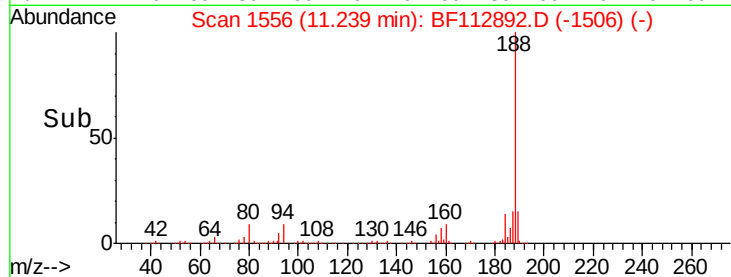
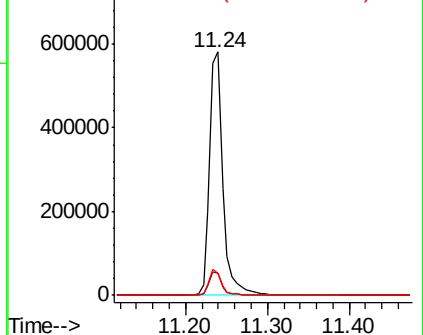
80 9.2 9.2 13.8



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: 4.787 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

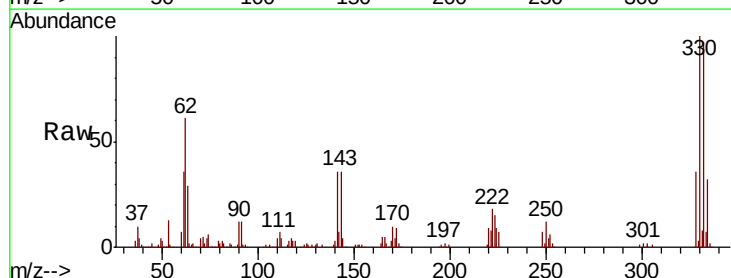
Tgt Ion:198 Resp: 516

Ion Ratio Lower Upper

198 100

51 201.2 43.8 83.8#

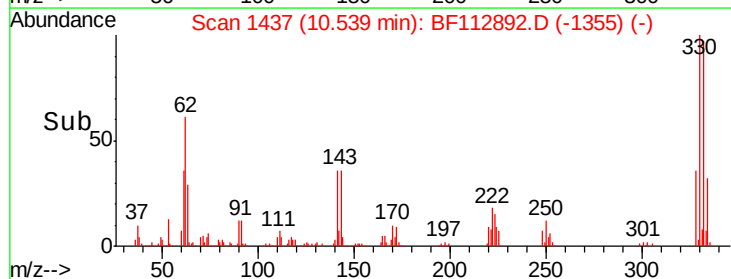
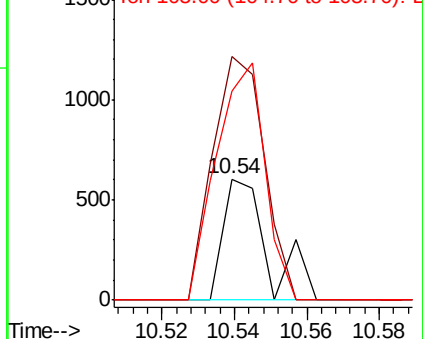
105 172.7 36.5 76.5#

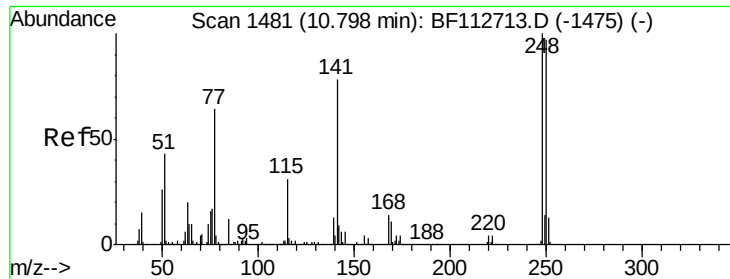


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

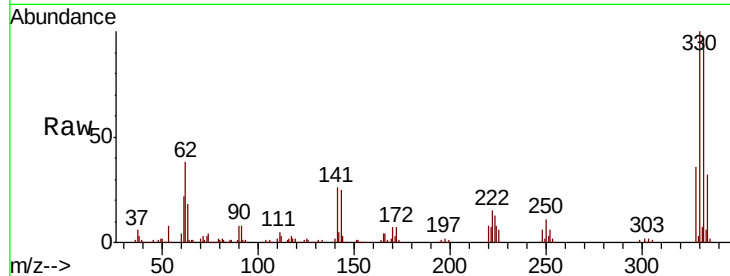




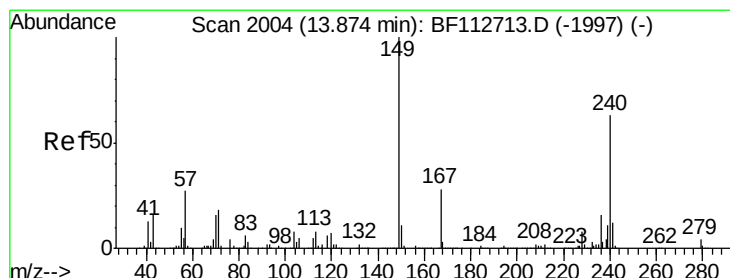
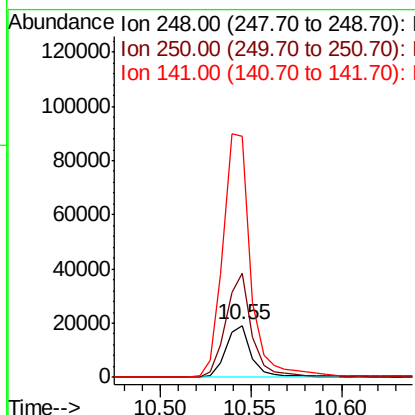
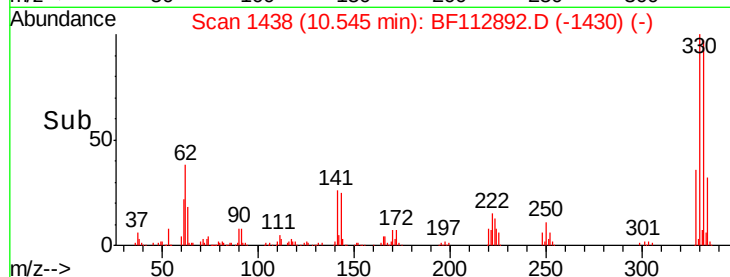
#67
 4-Bromophenyl-phenylether
 Concen: 2.820 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

Instrument :
 BNA_F
 ClientSampleId :
 PB117669TB

Tgt Ion:248 Resp: 19366
 Ion Ratio Lower Upper
 248 100
 250 200.0 77.5 116.3#
 141 461.5 62.4 93.6#

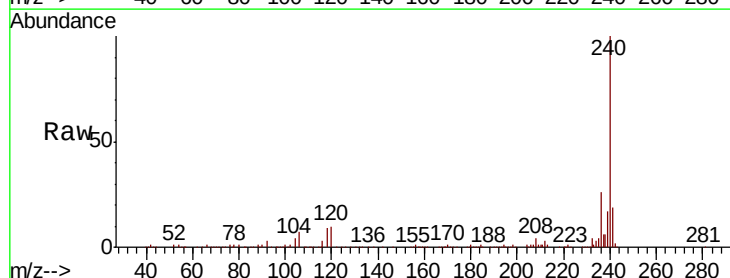


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

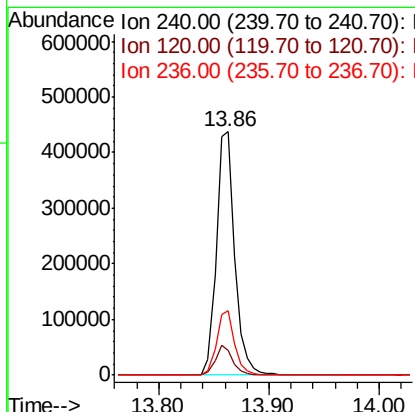
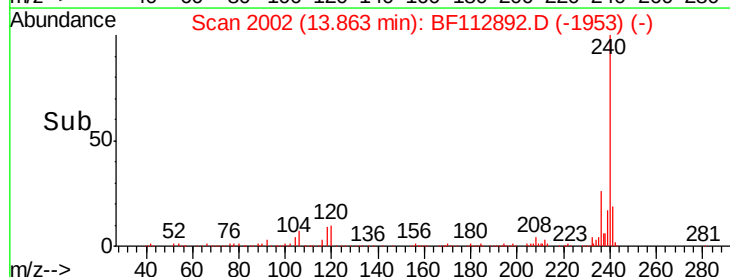


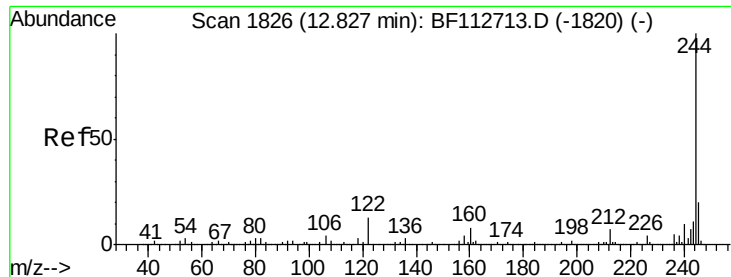
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112892.D
 Acq: 6 Mar 2019 20:05

Tgt Ion:240 Resp: 502108
 Ion Ratio Lower Upper
 240 100
 120 10.2 8.9 13.3
 236 26.2 20.7 31.1



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: 62.855 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

Instrument :

BNA_F

ClientSampleId :

PB117669TB

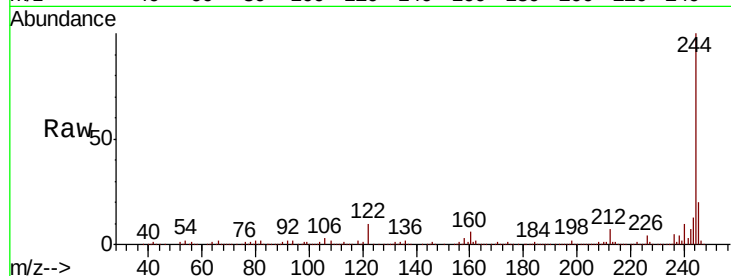
Tgt Ion:244 Resp: 1628064

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

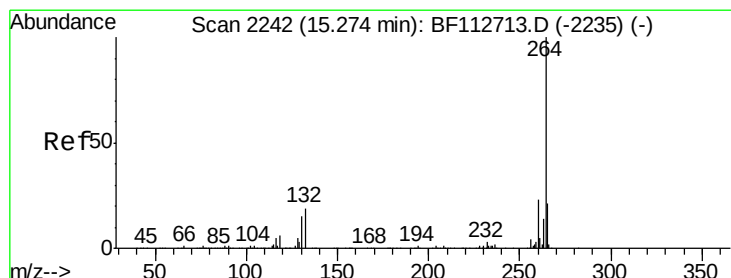
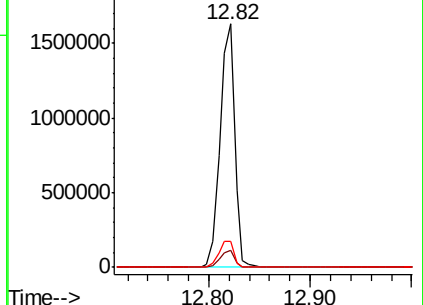
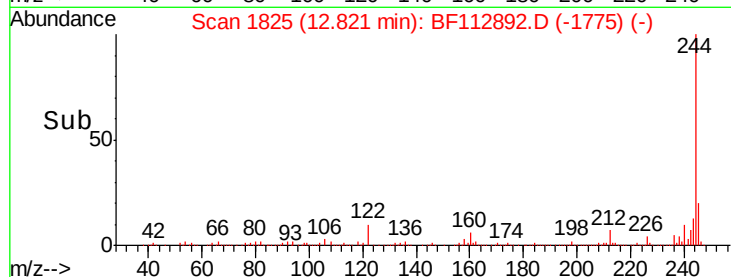
122 10.5 10.5 15.7#



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: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF112892.D

Acq: 6 Mar 2019 20:05

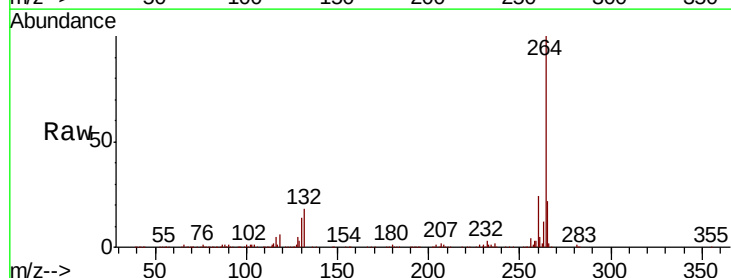
Tgt Ion:264 Resp: 455437

Ion Ratio Lower Upper

264 100

260 24.3 18.7 28.1

265 21.5 17.2 25.8



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

