

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030419\
 Data File : BF112839.D
 Acq On : 4 Mar 2019 22:01
 Operator : JU/SJ
 Sample : K1714-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-C-0-2

Quant Time: Mar 05 00:40:19 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	6.75	152	160232	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	586014	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	256120	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	482866	20.00	ng	0.01
76) Chrysene-d12	13.89	240	379187	20.00	ng	0.01
87) Perylene-d12	15.30	264	264384	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	871428	84.60	ng	0.01
7) Phenol-d6	6.38	99	1120248	86.58	ng	0.01
23) Nitrobenzene-d5	7.30	82	652513	66.63	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	294343	108.25	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1173296	73.16	ng	0.00
79) Terphenyl-d14	12.84	244	1094740	55.97	ng	0.01

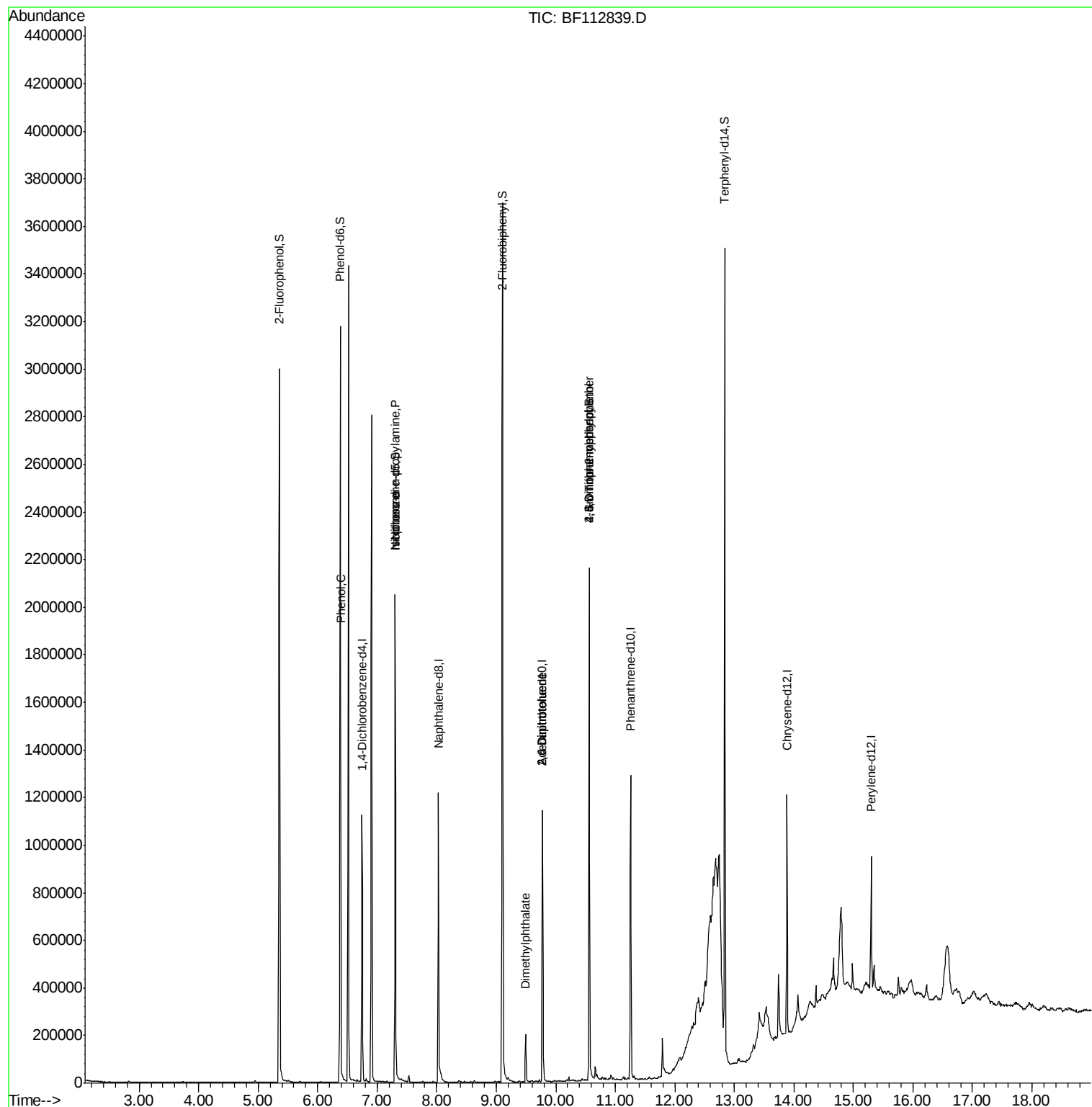
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.39	94	31752	2.103	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	86177	10.516	ng	# 75
25) Isophorone	7.30	82	644585	30.552	ng	# 66
50) Dimethylphthalate	9.49	163	89680	4.749	ng	98
51) 2,6-Dinitrotoluene	9.77	165	33089	8.414	ng	# 18
57) 2,4-Dinitrotoluene	9.77	165	33090	6.769	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.56	198	447	4.816	ng	# 1
67) 4-Bromophenyl-phenylether	10.56	248	16246	3.194	ng	# 1

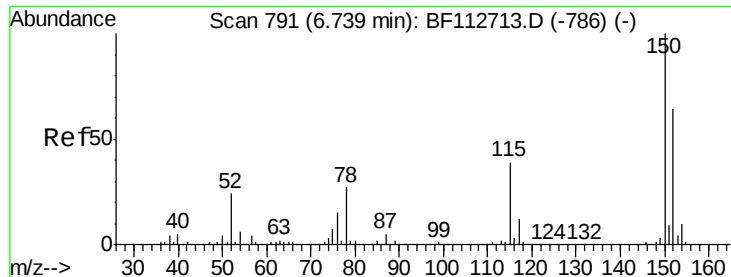
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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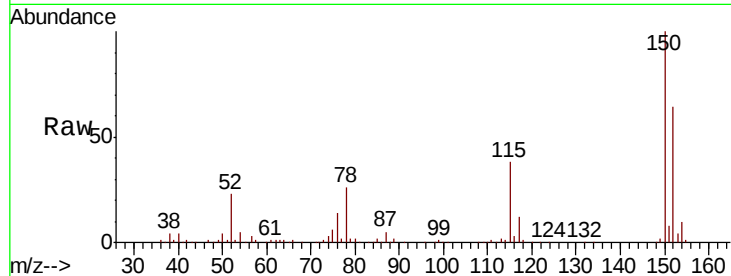


#1

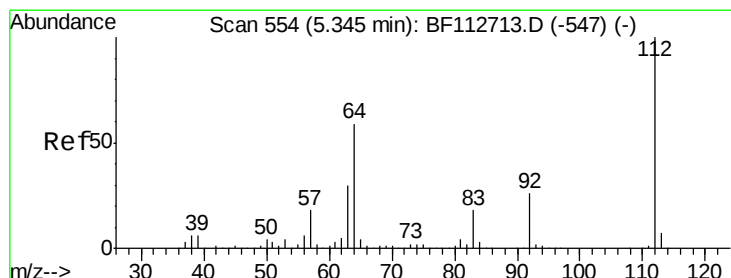
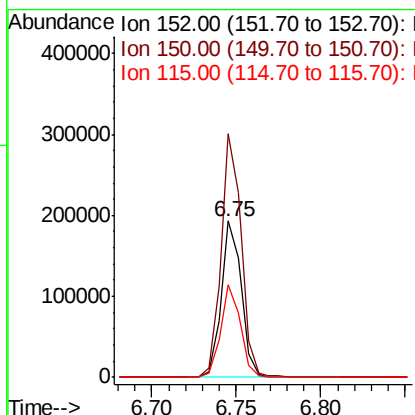
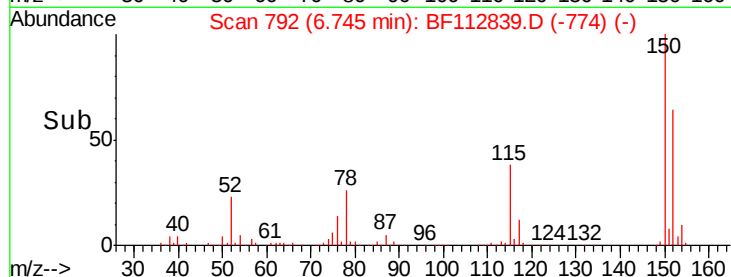
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion:152 Resp: 160232
Ion Ratio Lower Upper
152 100
150 155.9 124.2 186.2
115 59.0 48.2 72.4



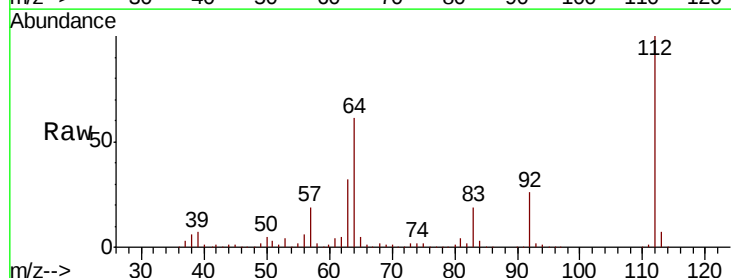
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



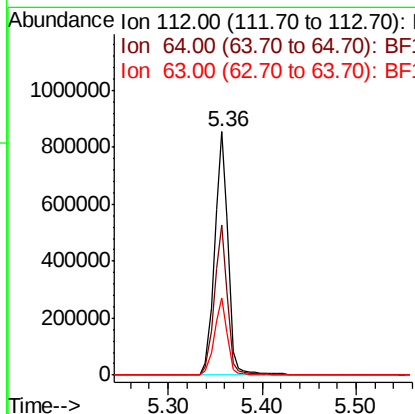
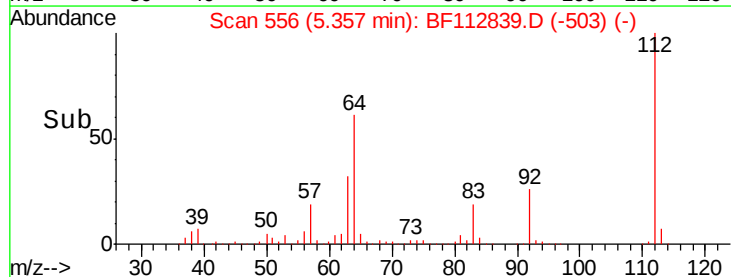
#5

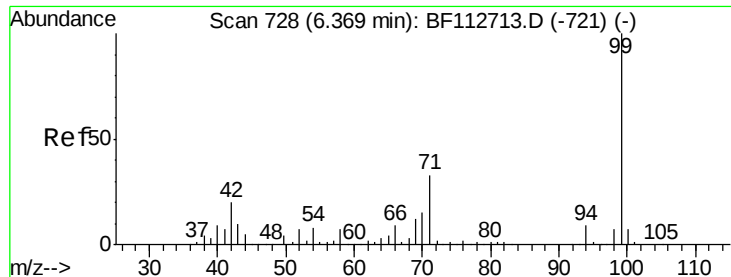
2-Fluorophenol
Concen: 84.599 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:112 Resp: 871428
Ion Ratio Lower Upper
112 100
64 61.5 47.6 71.4
63 31.6 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: 86.577 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

Instrument :

BNA_F

ClientSampleId :

SB-C-0-2

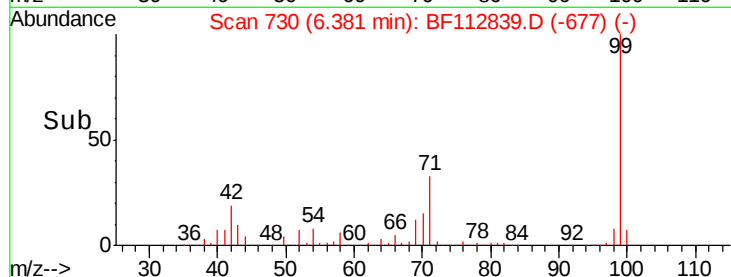
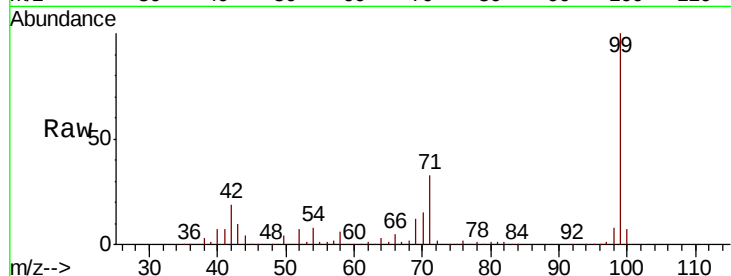
Tgt Ion: 99 Resp: 1120248

Ion Ratio Lower Upper

99 100

42 19.1 16.3 24.5

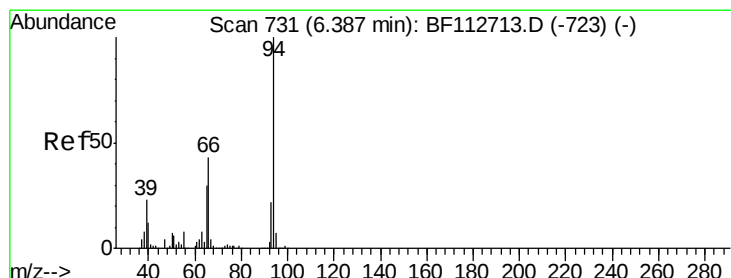
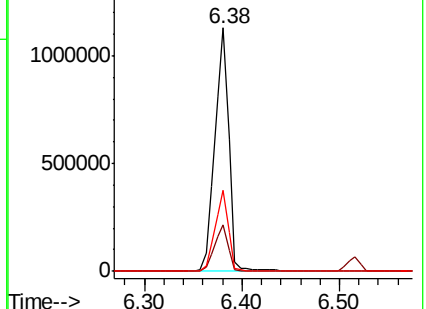
71 33.1 26.2 39.4



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



#10

Phenol

Concen: 2.103 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

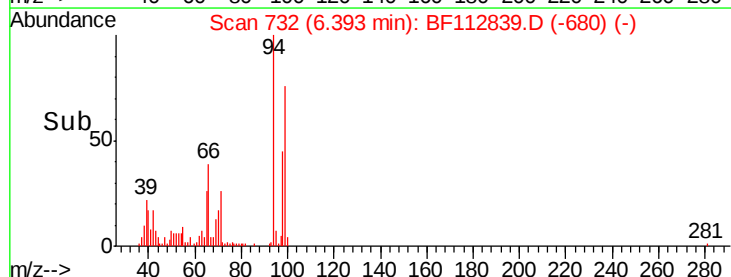
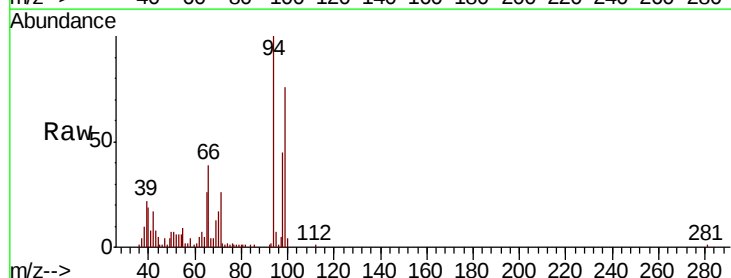
Tgt Ion: 94 Resp: 31752

Ion Ratio Lower Upper

94 100

65 26.4 10.5 50.5

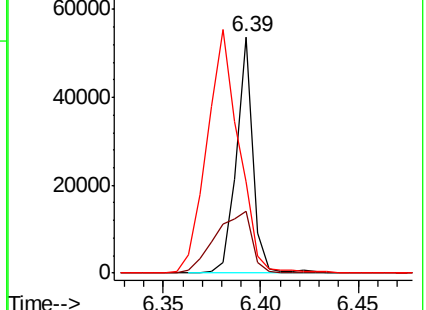
66 38.7 22.6 62.6

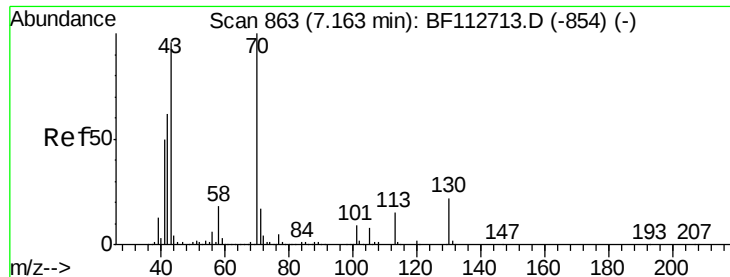


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

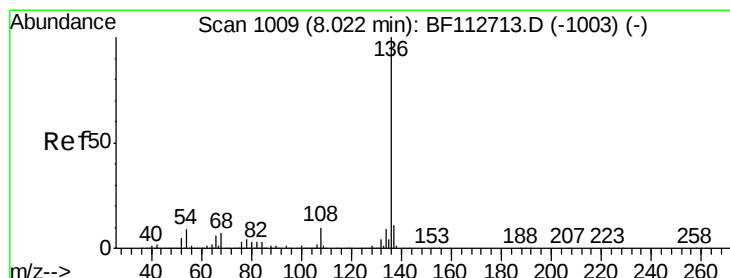
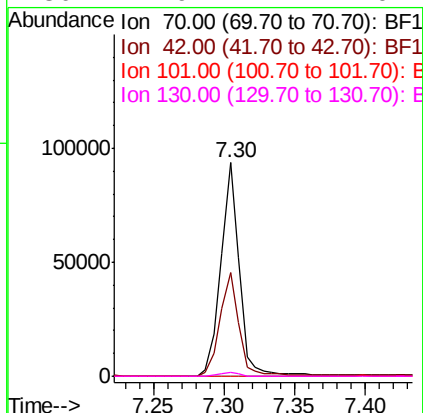
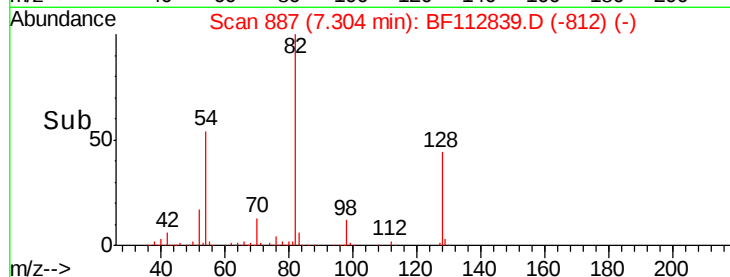
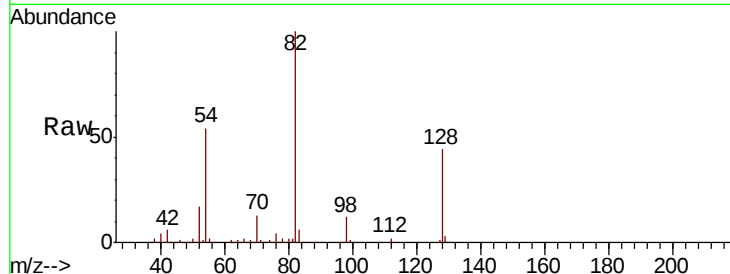




#19
n-Nitroso-di-n-propylamine
Concen: 10.516 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.14 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

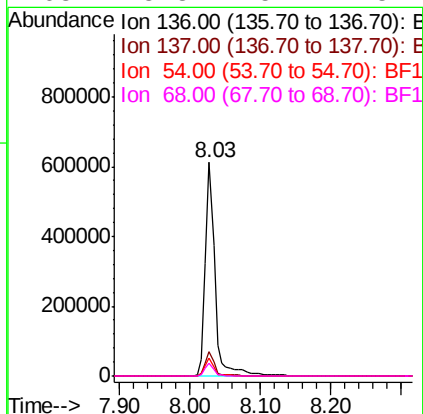
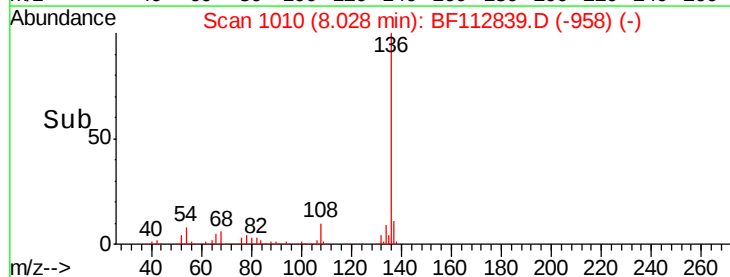
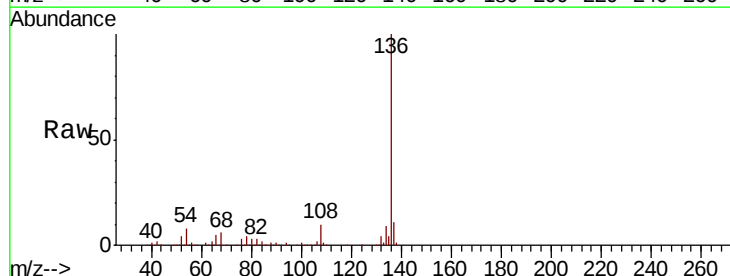
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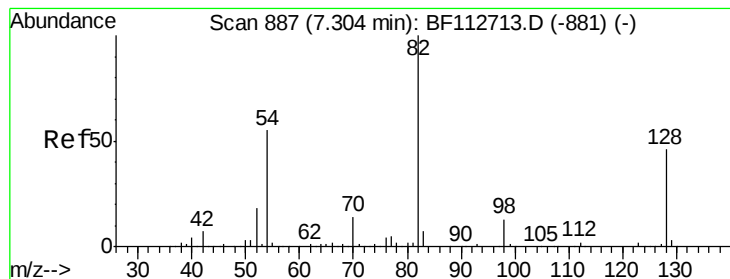
Tgt Ion: 70 Resp: 86177
Ion Ratio Lower Upper
70 100
42 48.3 49.9 74.9#
101 0.0 7.4 11.2#
130 1.9 17.4 26.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion: 136 Resp: 586014
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.2 7.3 10.9
68 5.8 5.4 8.2





#23

Nitrobenzene-d5

Concen: 66.628 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

Instrument :

BNA_F

ClientSampleId :

SB-C-0-2

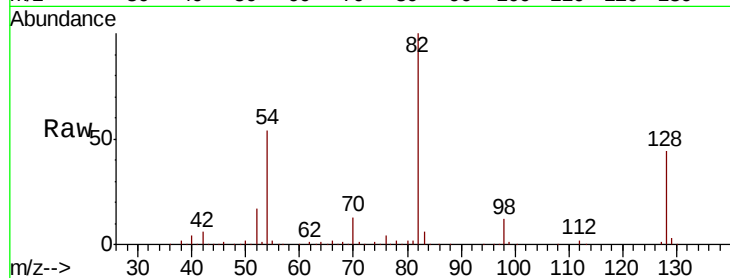
Tgt Ion: 82 Resp: 652513

Ion Ratio Lower Upper

82 100

128 44.3 36.3 54.5

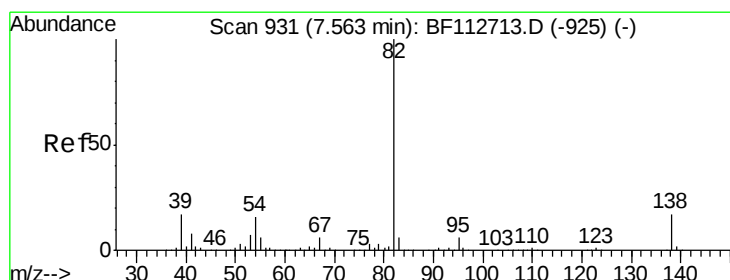
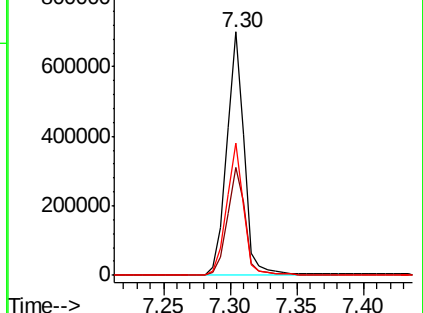
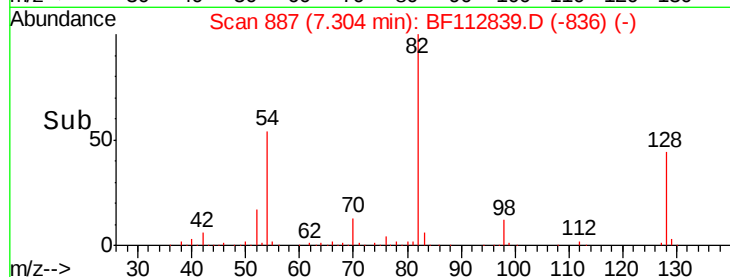
54 54.1 43.7 65.5



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: 30.552 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

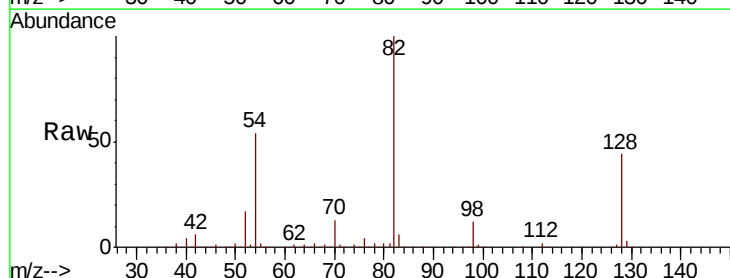
Tgt Ion: 82 Resp: 644585

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

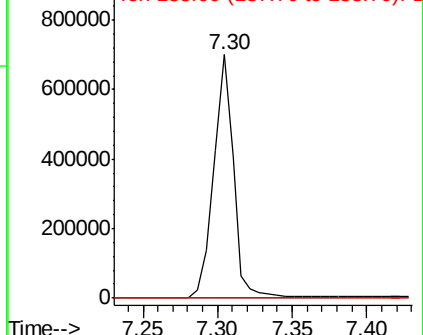
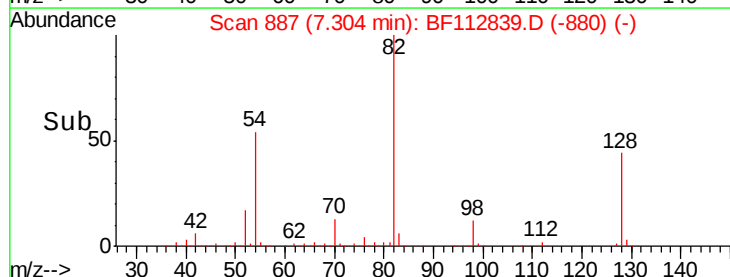
138 0.0 13.8 20.8#

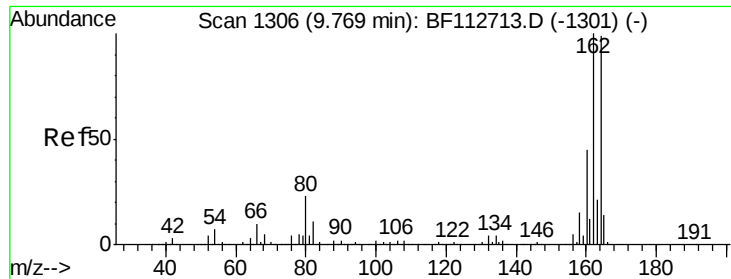


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

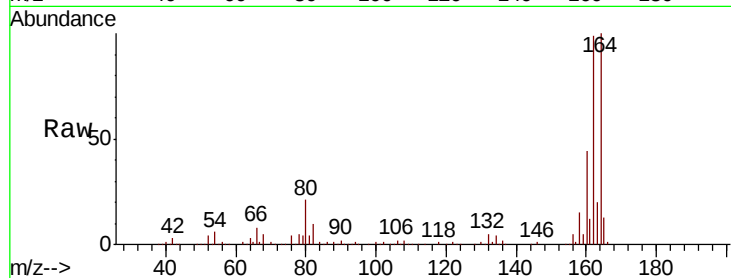




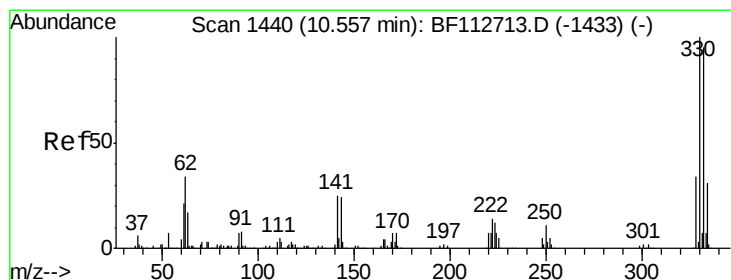
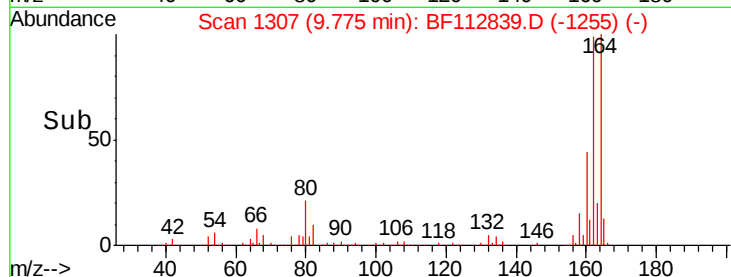
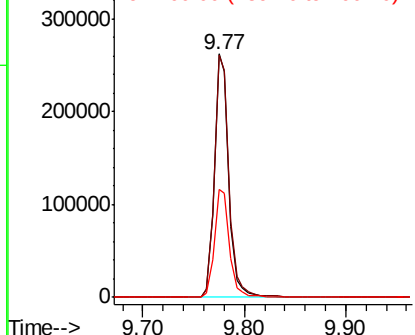
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.01 min
 Lab File: BF112839.D
 Acq: 4 Mar 2019 22:01

Instrument :
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 ClientSampleId :
 SB-C-0-2

Tgt Ion:164 Resp: 256120
 Ion Ratio Lower Upper
 164 100
 162 99.5 80.6 120.8
 160 44.1 36.0 54.0

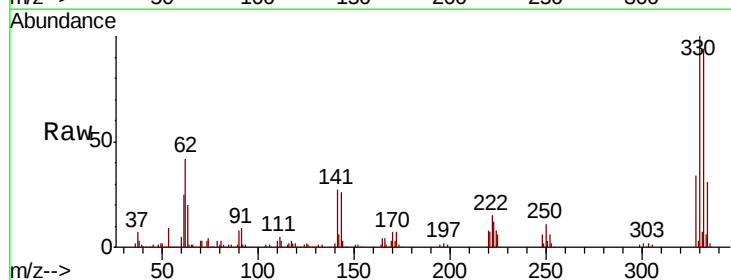


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

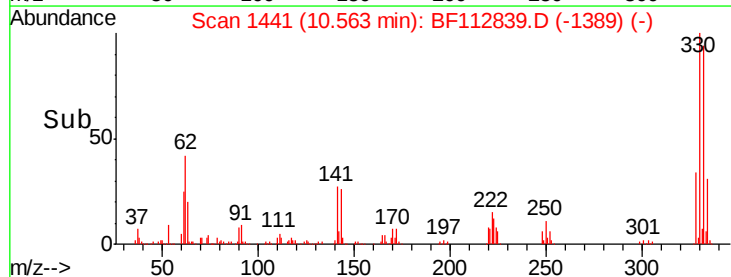
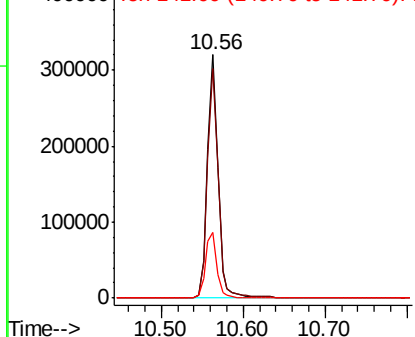


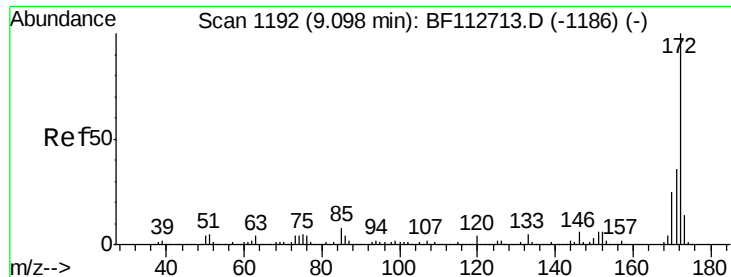
#42
 2,4,6-Tribromophenol
 Concen: 108.253 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. 0.01 min
 Lab File: BF112839.D
 Acq: 4 Mar 2019 22:01

Tgt Ion:330 Resp: 294343
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.2 114.4
 141 29.1 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

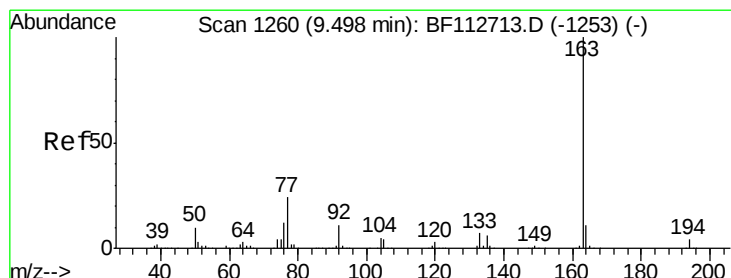
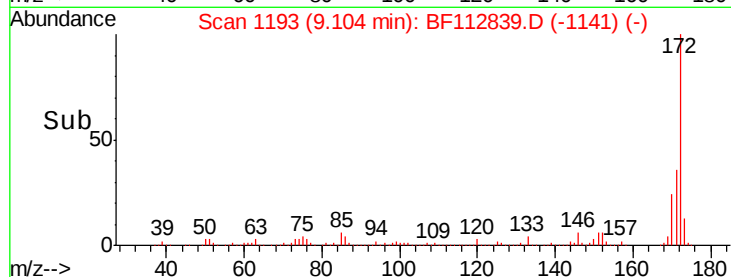
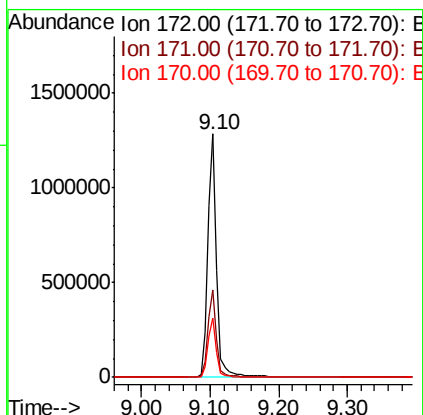
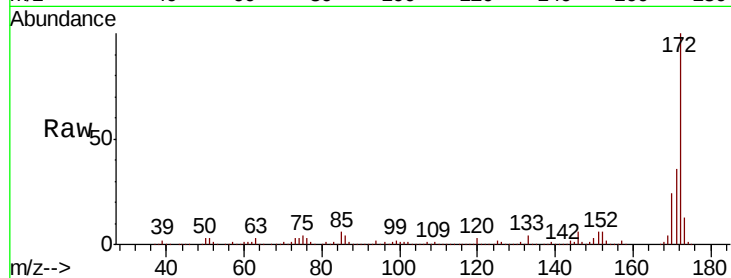




#45
 2-Fluorobiphenyl
 Concen: 73.162 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF112839.D
 Acq: 4 Mar 2019 22:01

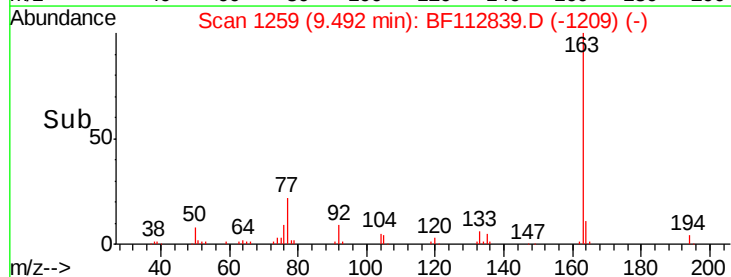
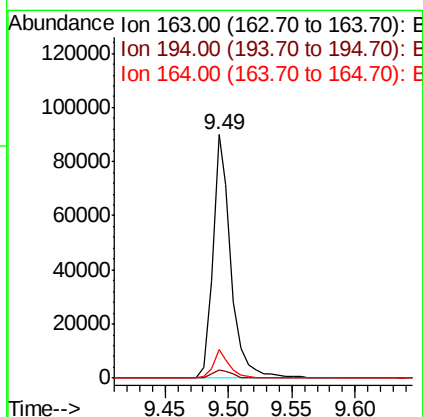
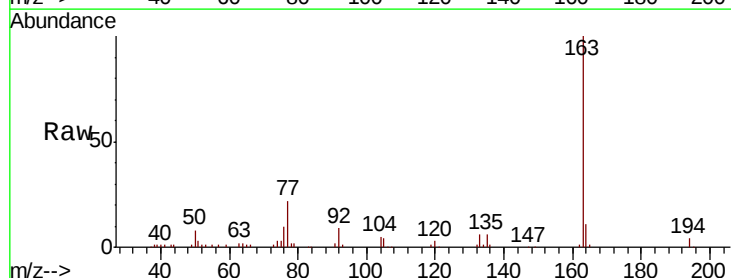
Instrument :
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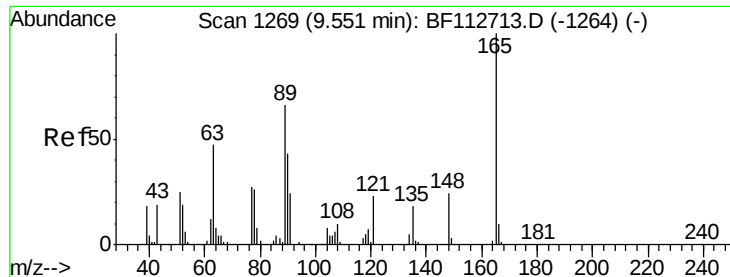
Tgt Ion:172 Resp: 1173296
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.4
 170 24.2 20.0 30.0



#50
 Dimethylphthalate
 Concen: 4.749 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BF112839.D
 Acq: 4 Mar 2019 22:01

Tgt Ion:163 Resp: 89680
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 11.5 8.4 12.6

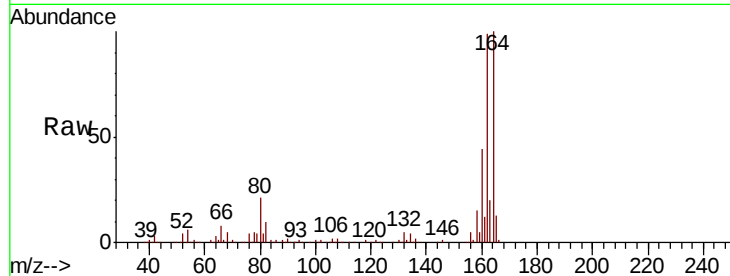




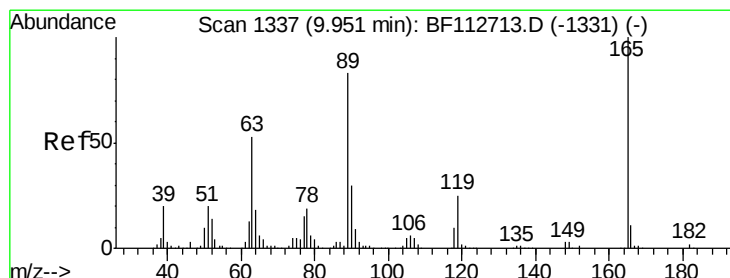
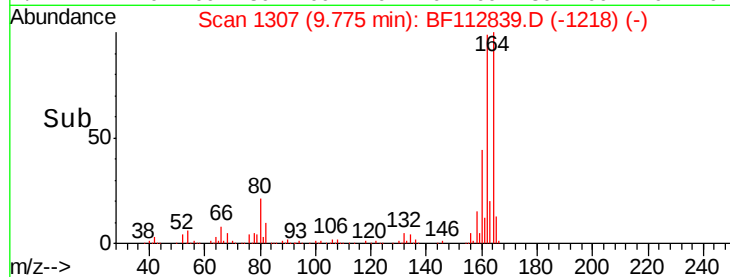
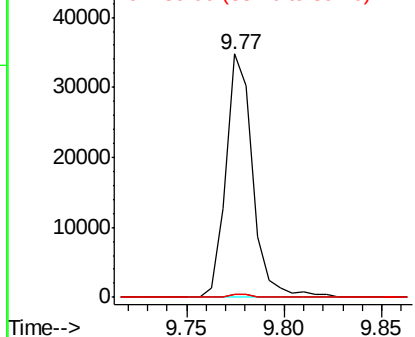
#51
 2,6-Dinitrotoluene
 Concen: 8.414 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.22 min
 Lab File: BF112839.D
 Acq: 4 Mar 2019 22:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-C-0-2

Tgt Ion:165 Resp: 33089
 Ion Ratio Lower Upper
 165 100
 63 1.1 54.1 81.1#
 89 1.2 52.8 79.2#



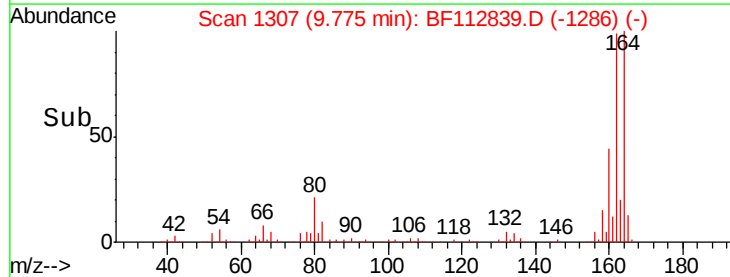
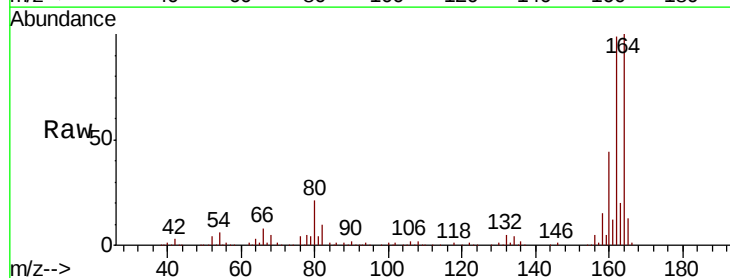
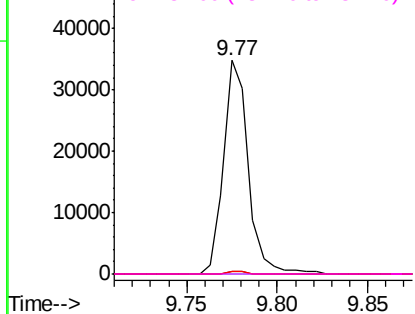
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

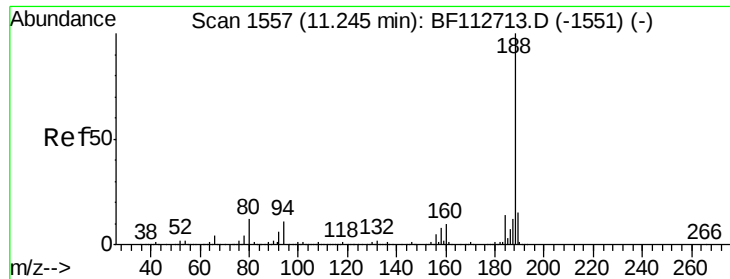


#57
 2,4-Dinitrotoluene
 Concen: 6.769 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.18 min
 Lab File: BF112839.D
 Acq: 4 Mar 2019 22:01

Tgt Ion:165 Resp: 33090
 Ion Ratio Lower Upper
 165 100
 63 1.1 42.2 63.2#
 89 1.2 66.2 99.4#
 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: 11.26 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

Instrument :

BNA_F

ClientSampleId :

SB-C-0-2

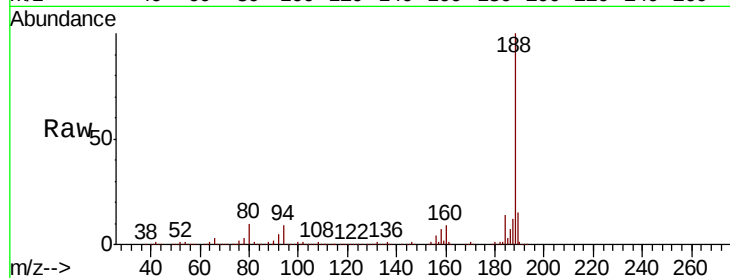
Tgt Ion:188 Resp: 482866

Ion Ratio Lower Upper

188 100

94 9.4 9.0 13.4

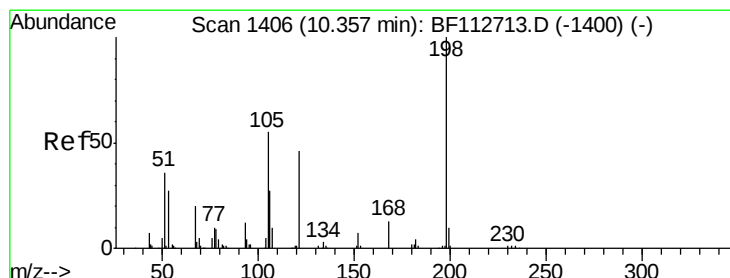
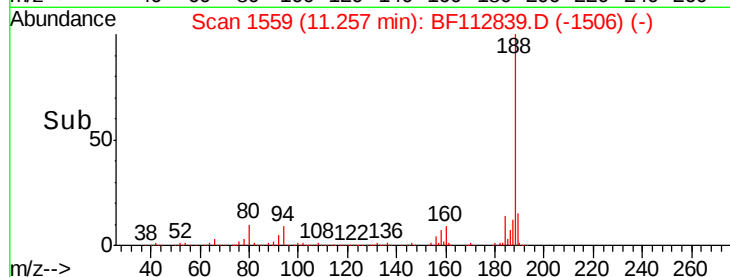
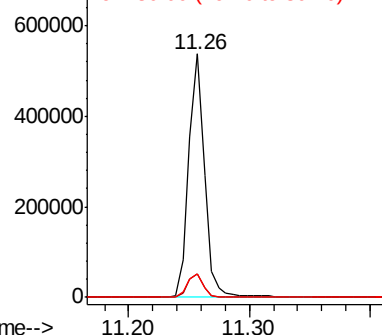
80 9.6 9.2 13.8



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: 4.816 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.21 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

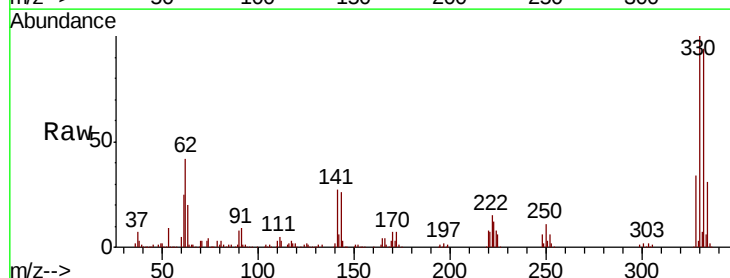
Tgt Ion:198 Resp: 447

Ion Ratio Lower Upper

198 100

51 189.5 43.8 83.8#

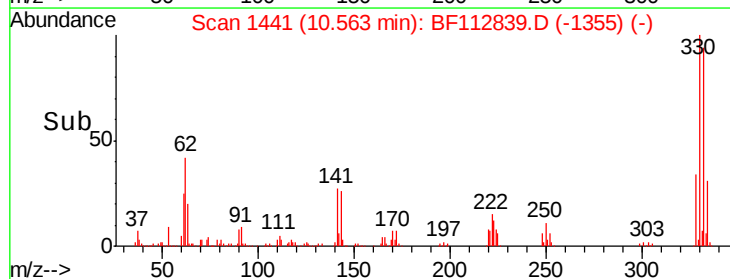
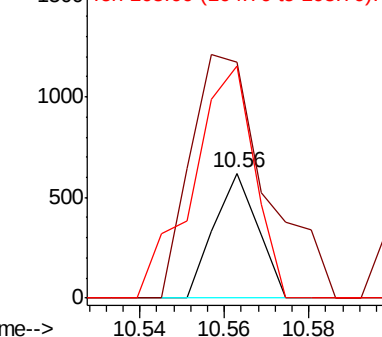
105 186.1 36.5 76.5#

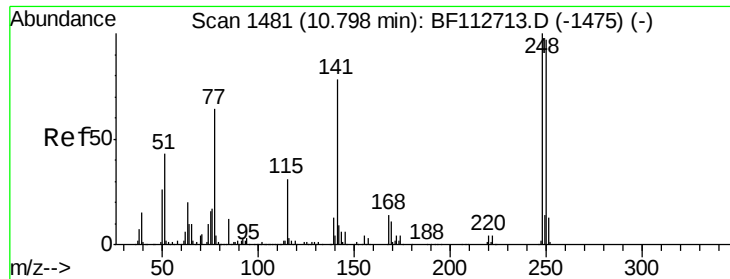


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

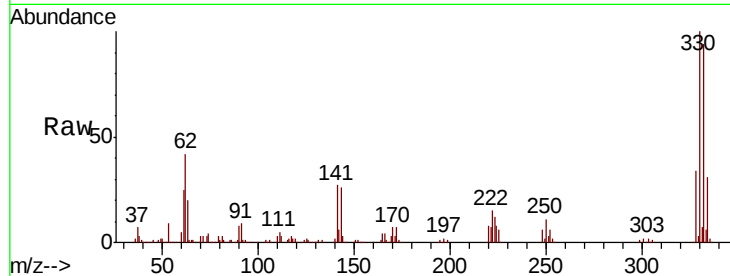




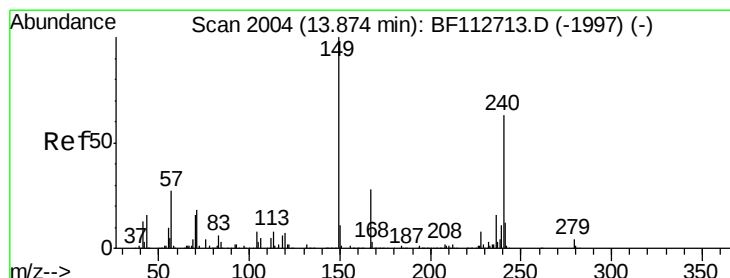
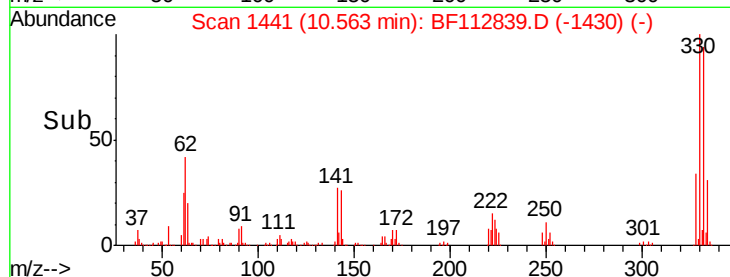
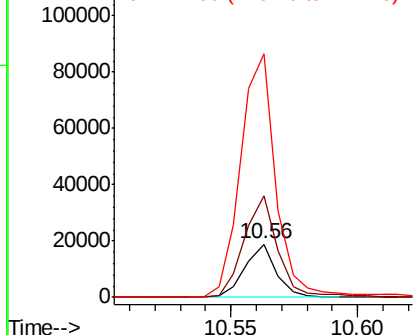
#67
4-Bromophenyl-phenylether
Concen: 3.194 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.24 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Instrument :
BNA_F
ClientSampleId :
SB-C-0-2

Tgt Ion:248 Resp: 16246
Ion Ratio Lower Upper
248 100
250 190.3 77.5 116.3#
141 456.1 62.4 93.6#

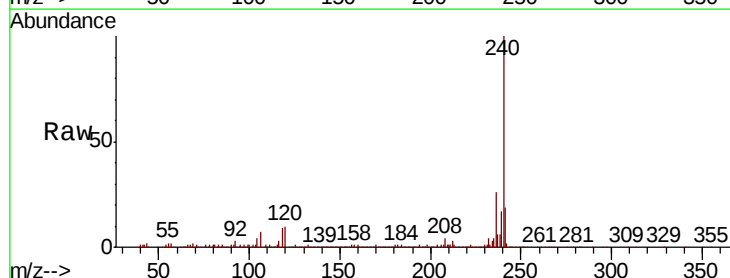


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

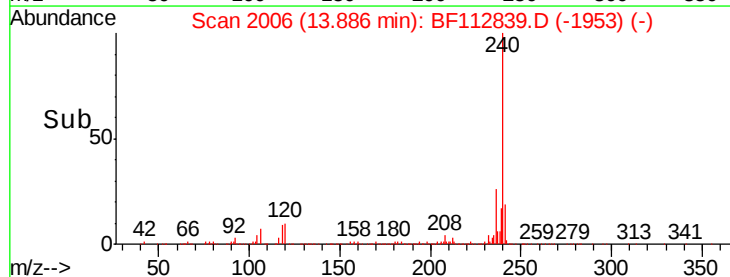
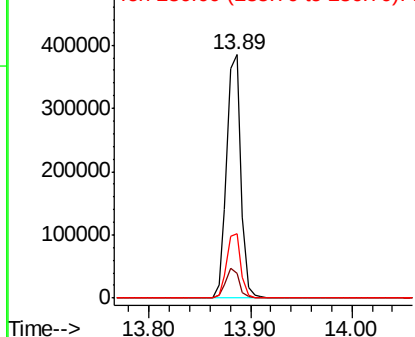


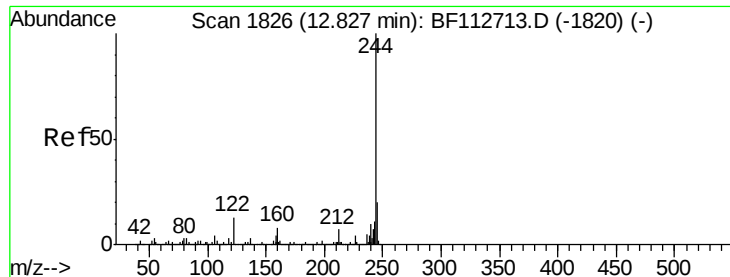
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.01 min
Lab File: BF112839.D
Acq: 4 Mar 2019 22:01

Tgt Ion:240 Resp: 379187
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.3 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: 55.966 ng

RT: 12.84 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

Instrument :

BNA_F

ClientSampleId :

SB-C-0-2

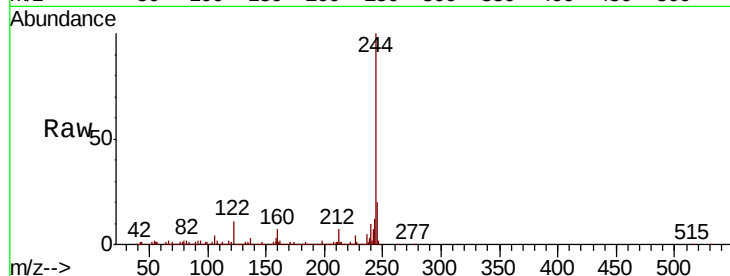
Tgt Ion:244 Resp: 1094740

Ion Ratio Lower Upper

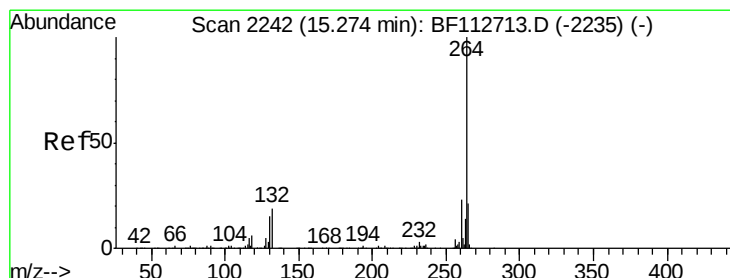
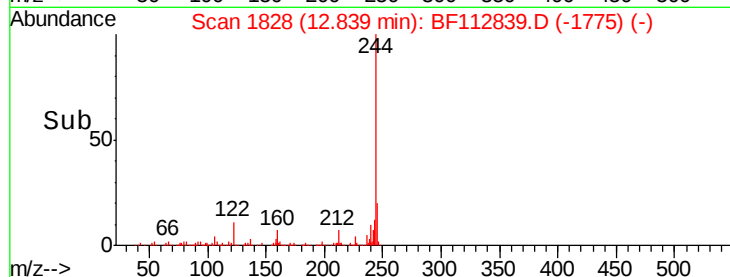
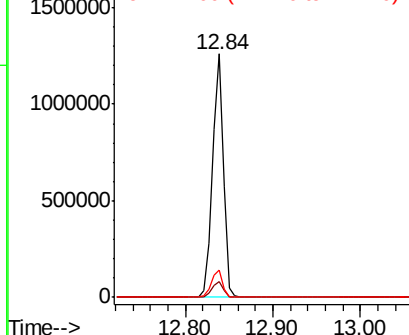
244 100

212 6.7 5.6 8.4

122 11.1 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: 15.30 min Scan# 2246

Delta R.T. 0.02 min

Lab File: BF112839.D

Acq: 4 Mar 2019 22:01

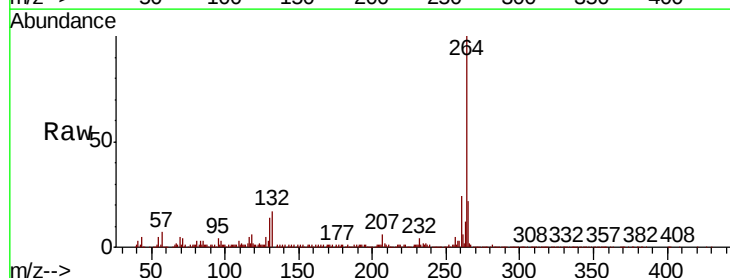
Tgt Ion:264 Resp: 264384

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.8 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

