

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101218\
 Data File : BF109840.D
 Acq On : 12 Oct 2018 18:12
 Operator : JU/SJ
 Sample : J5197-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118

Quant Time: Oct 12 22:20:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

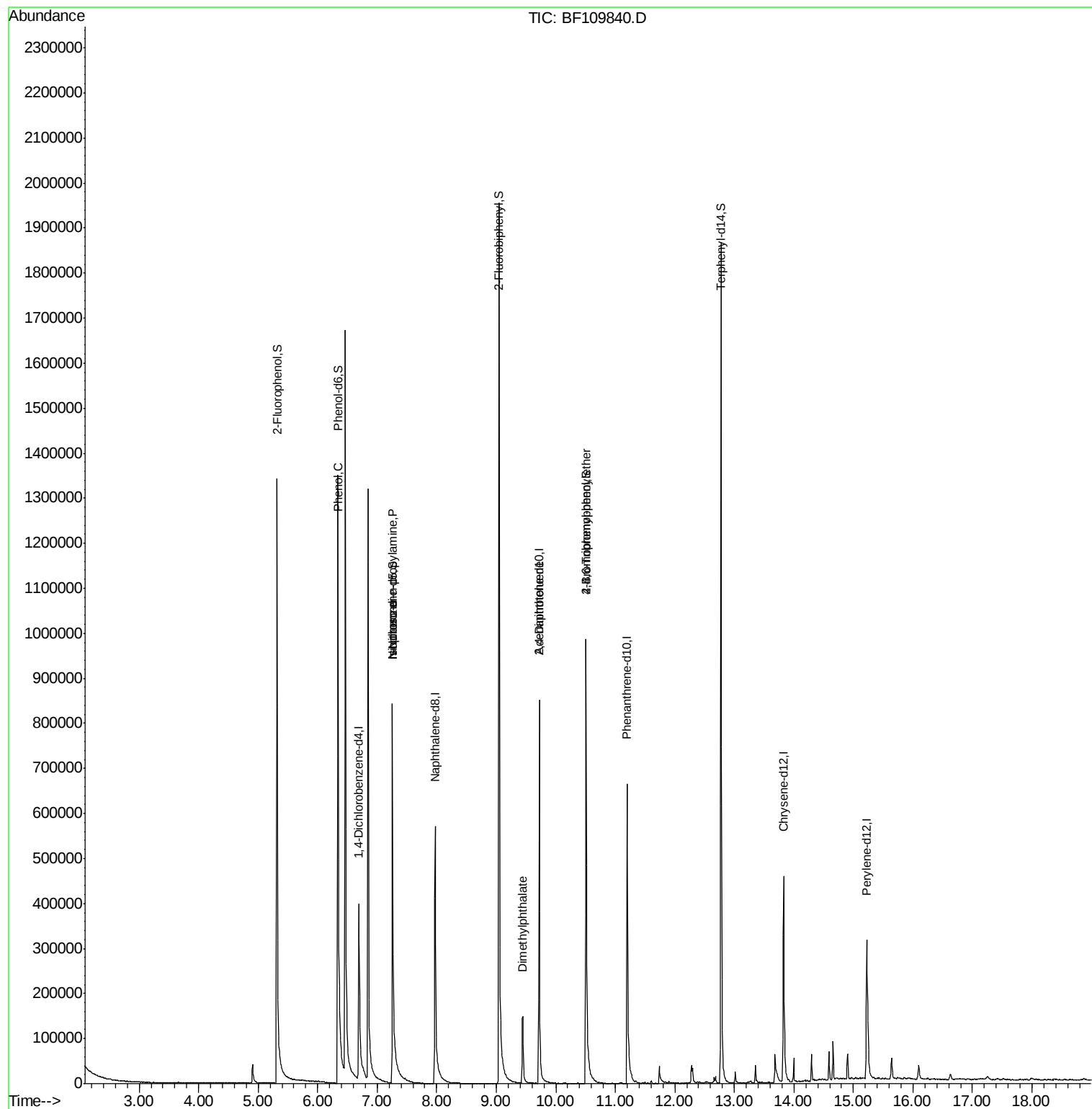
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	94100	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	425030	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	202449	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	382628	20.00	ng	0.00
75) Chrysene-d12	13.83	240	228541	20.00	ng	0.00
86) Perylene-d12	15.23	264	199636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	465135	87.74	ng	0.00
7) Phenol-d6	6.34	99	700894	98.97	ng	-0.02
23) Nitrobenzene-d5	7.26	82	468938	60.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	180781	81.95	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	891651	60.66	ng	0.00
78) Terphenyl-d14	12.78	244	728707	61.72	ng	0.00
Target Compounds						
10) Phenol	6.35	94	20974	2.583	ng	# 75
19) n-Nitroso-di-n-propylamine	7.26	70	58919	11.864	ng	# 79
25) Isophorone	7.26	82	474328	37.046	ng	# 67
49) Dimethylphthalate	9.45	163	100473	6.767	ng	# 99
56) 2,4-Dinitrotoluene	9.72	165	24389	6.072	ng	# 18
66) 4-Bromophenyl-phenylether	10.50	248	10434	2.373	ng	# 1

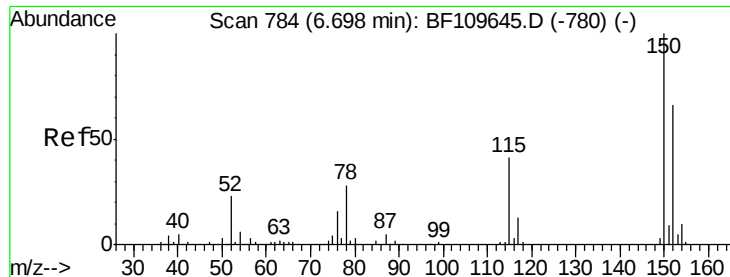
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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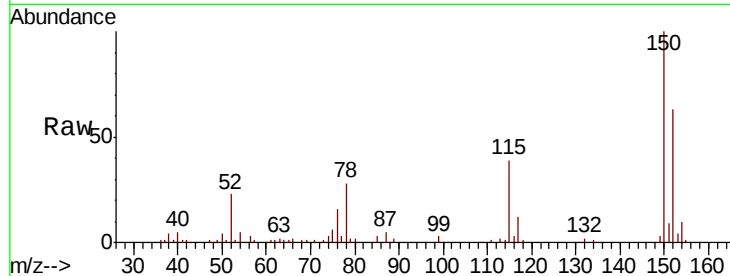




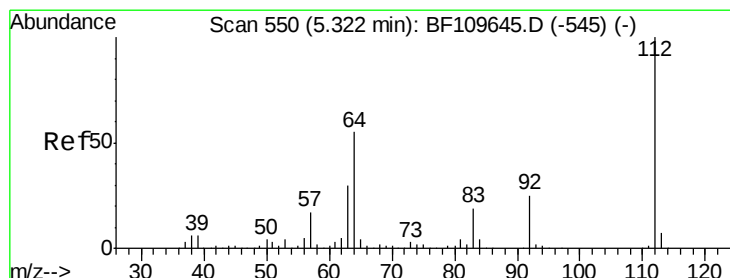
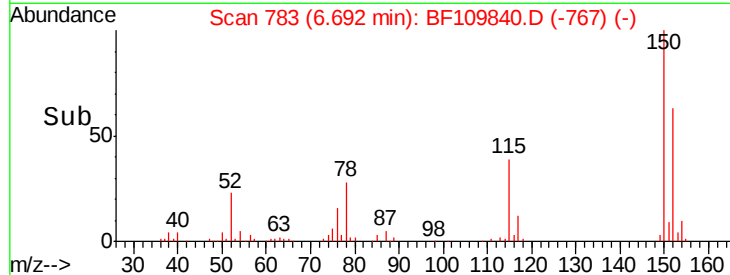
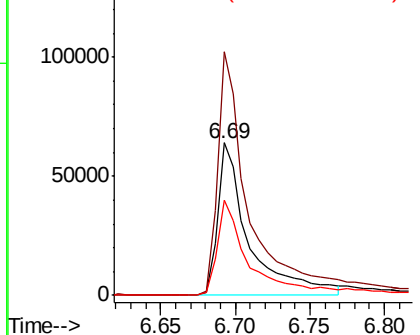
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118

Tgt Ion:152 Resp: 94100
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.7 184.1
 115 62.2 49.1 73.7

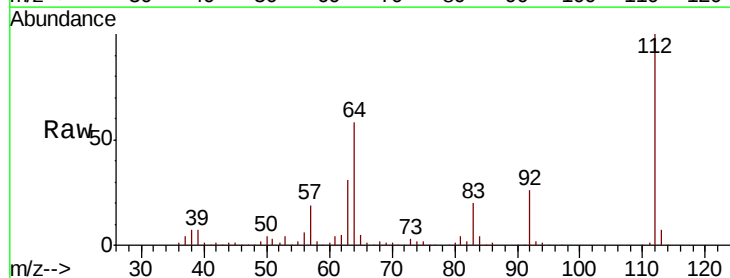


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

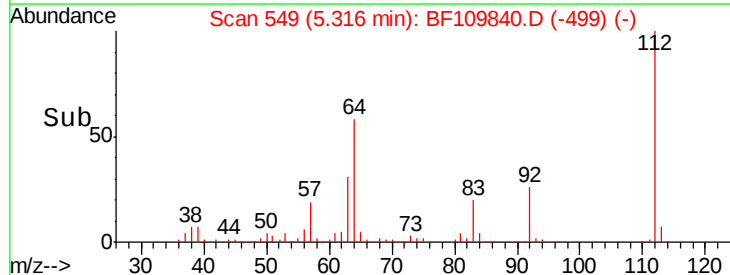
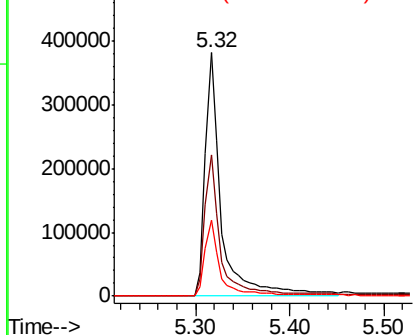


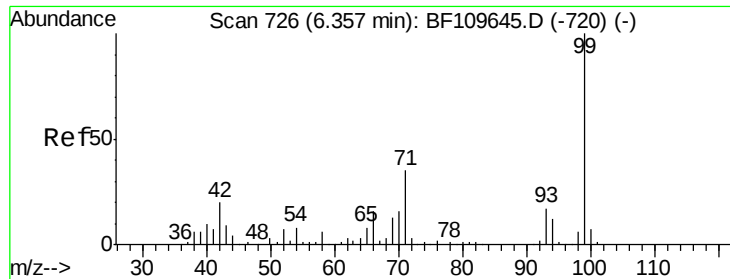
#5
 2-Fluorophenol
 Concen: 87.740 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

Tgt Ion:112 Resp: 465135
 Ion Ratio Lower Upper
 112 100
 64 57.8 44.1 66.1
 63 31.0 23.7 35.5



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: 98.969 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109840.D

Acq: 12 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

HD-01-101118

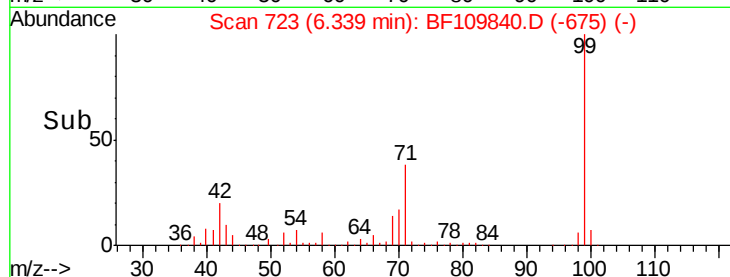
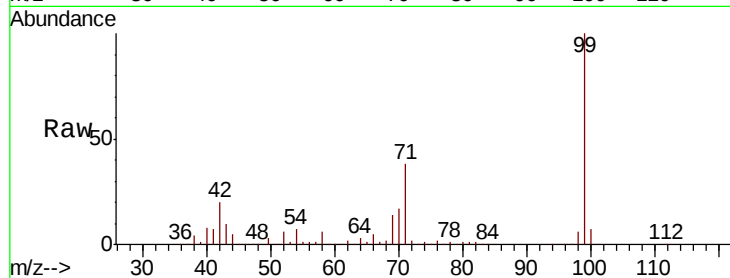
Tgt Ion: 99 Resp: 700894

Ion Ratio Lower Upper

99 100

42 20.4 15.8 23.6

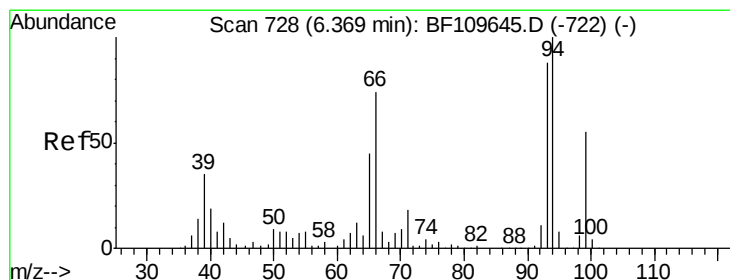
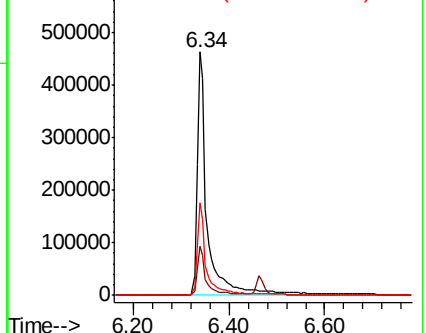
71 38.3 28.0 42.0



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: 2.583 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109840.D

Acq: 12 Oct 2018 18:12

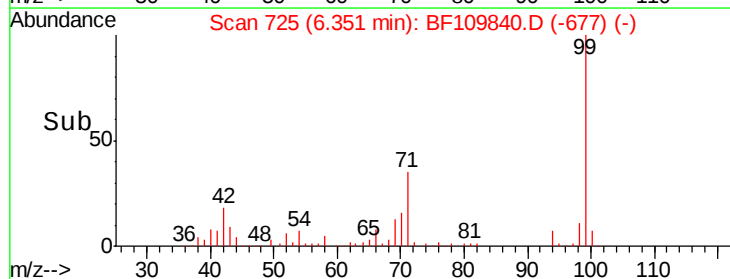
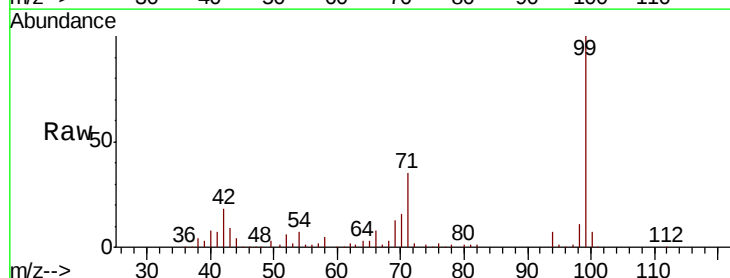
Tgt Ion: 94 Resp: 20974

Ion Ratio Lower Upper

94 100

65 42.6 25.3 65.3

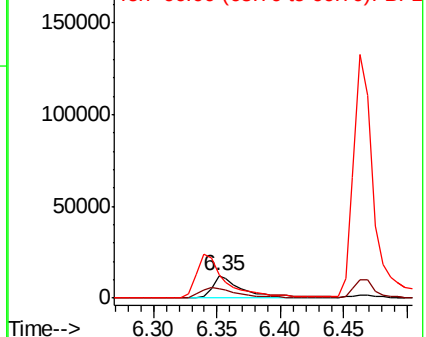
66 107.1 54.5 94.5#

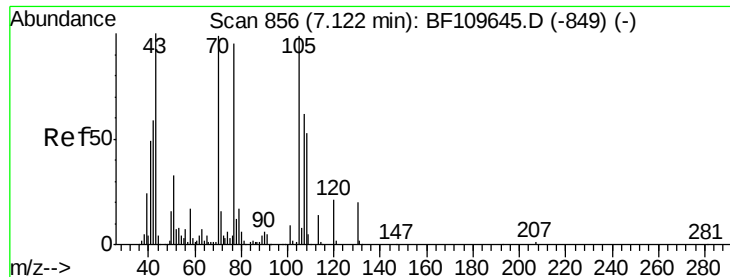


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

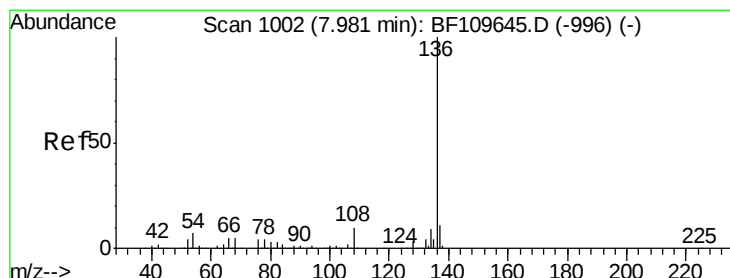
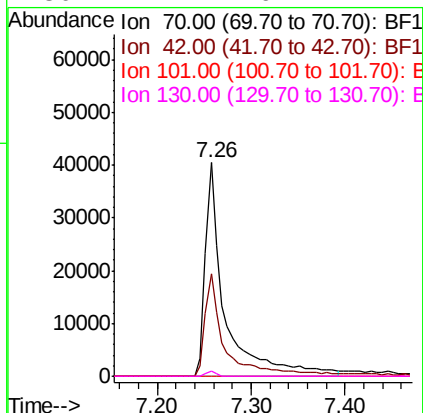
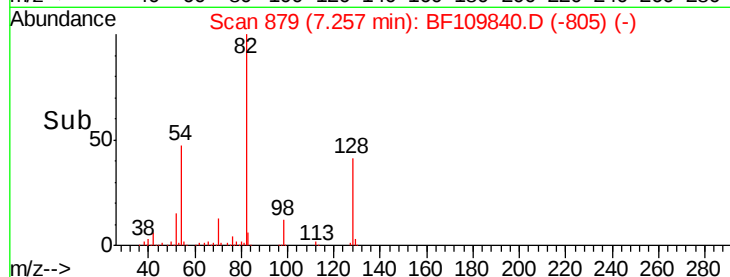
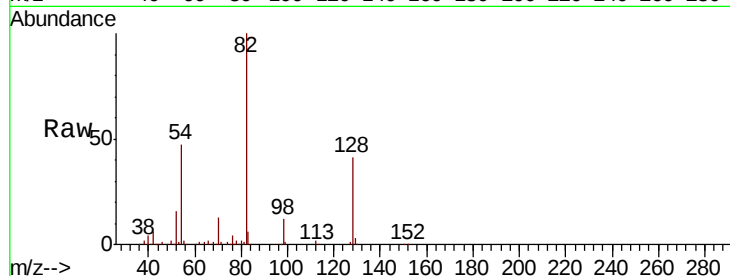




#19
n-Nitroso-di-n-propylamine
Concen: 11.864 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

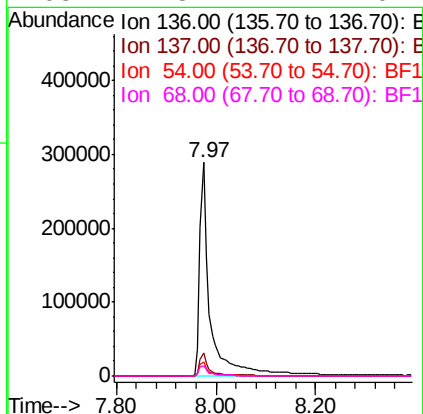
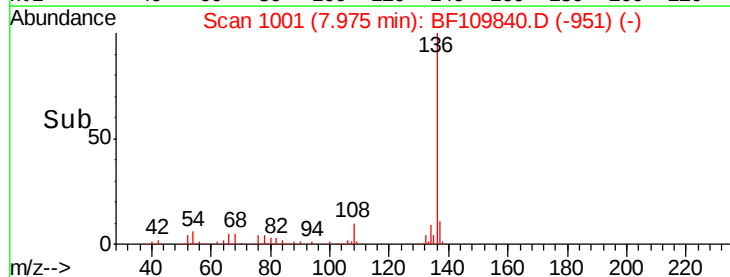
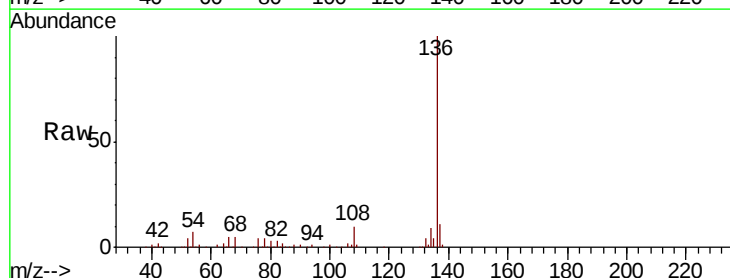
Instrument :
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ClientSampleId :
HD-01-101118

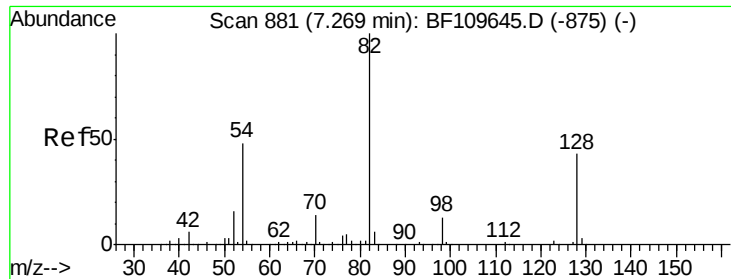
Tgt Ion: 70 Resp: 58919
Ion Ratio Lower Upper
70 100
42 48.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

Tgt Ion: 136 Resp: 425030
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 6.6 5.4 8.2
68 4.8 4.2 6.2

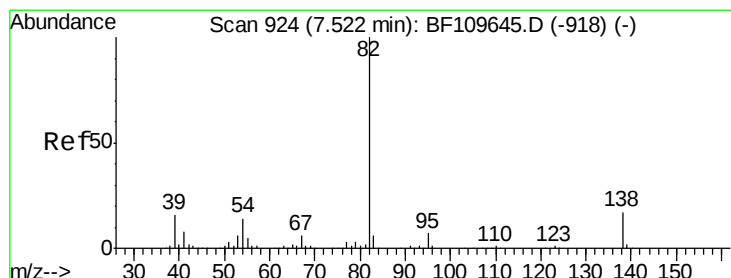
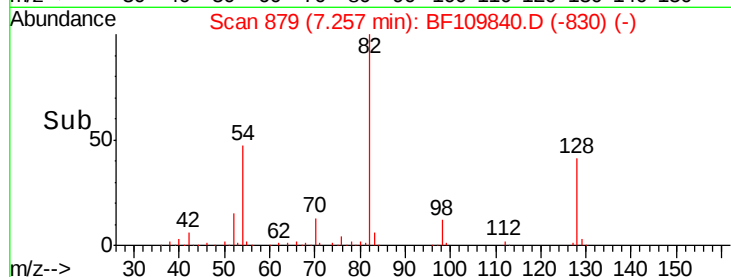
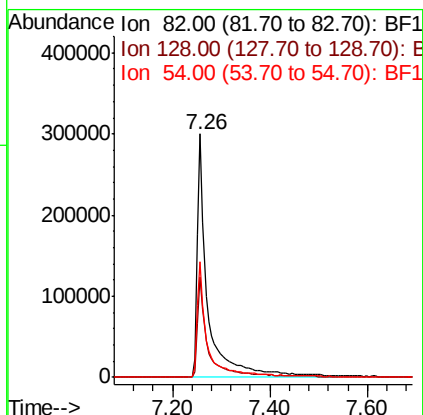
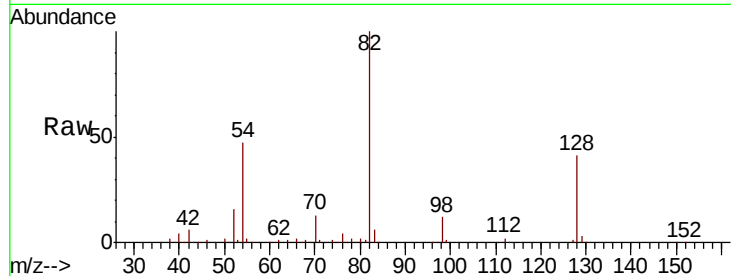




#23
 Nitrobenzene-d5
 Concen: 60.818 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

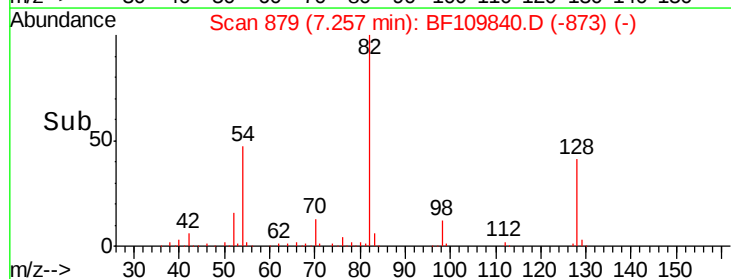
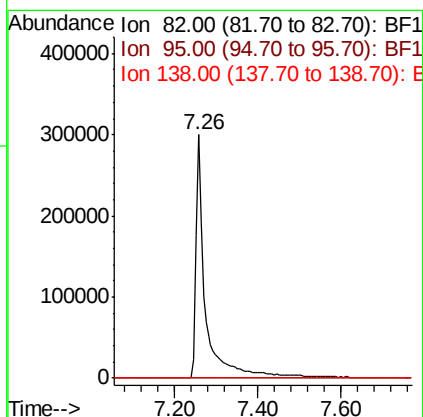
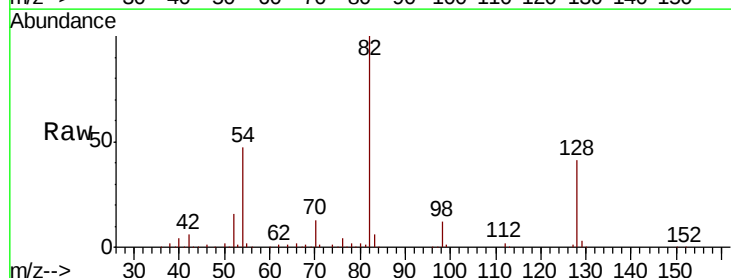
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118

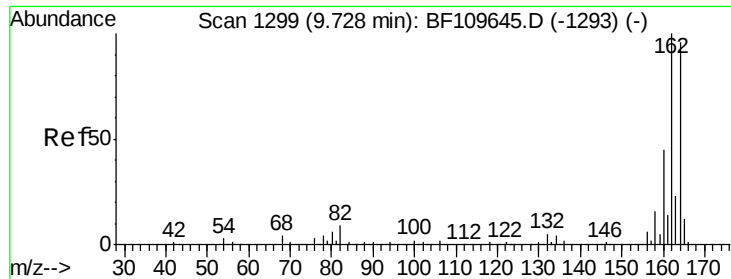
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.2	51.2
54	47.2	38.6	58.0



#25
 Isophorone
 Concen: 37.046 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF109840.D

Acq: 12 Oct 2018 18:12

Instrument :

BNA_F

ClientSampleId :

HD-01-101118

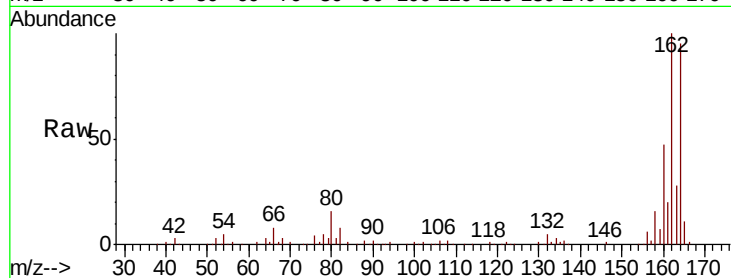
Tgt Ion:164 Resp: 202449

Ion Ratio Lower Upper

164 100

162 104.8 83.0 124.6

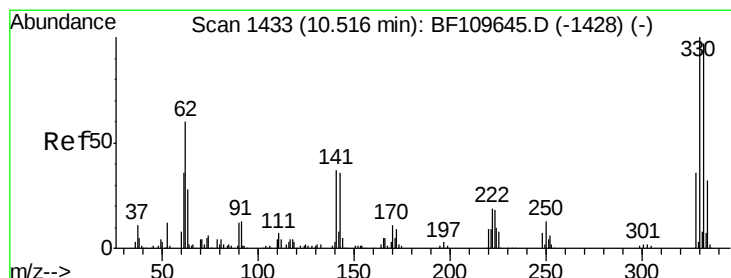
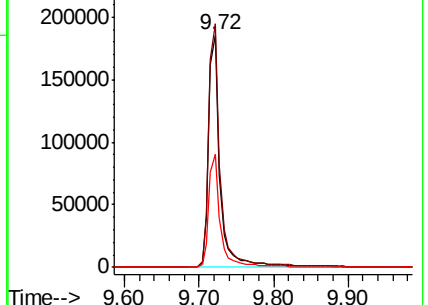
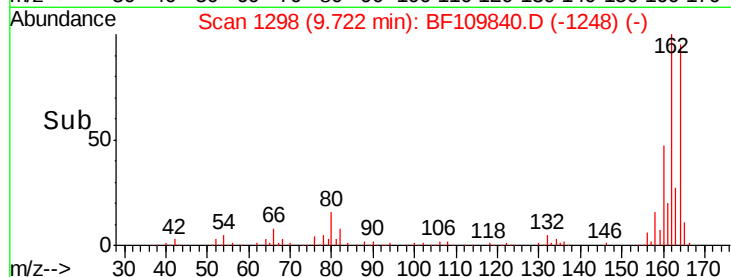
160 48.8 37.0 55.6



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



#41

2,4,6-Tribromophenol

Concen: 81.953 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF109840.D

Acq: 12 Oct 2018 18:12

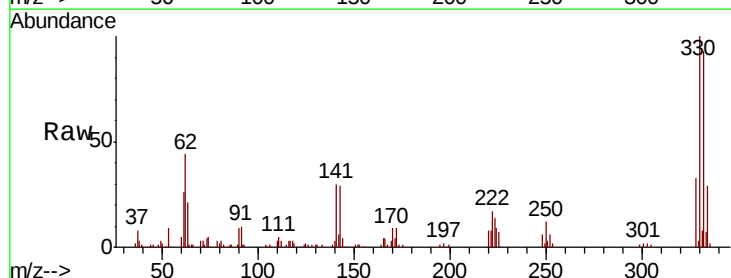
Tgt Ion:330 Resp: 180781

Ion Ratio Lower Upper

330 100

332 94.9 77.1 115.7

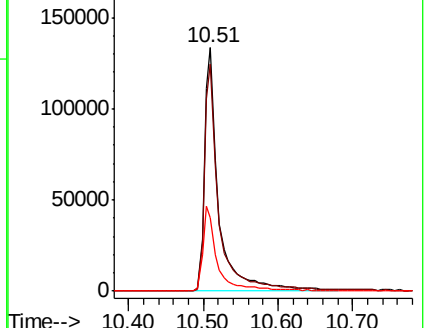
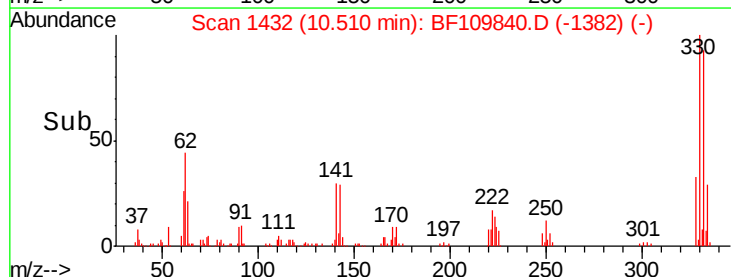
141 35.0 27.0 40.4

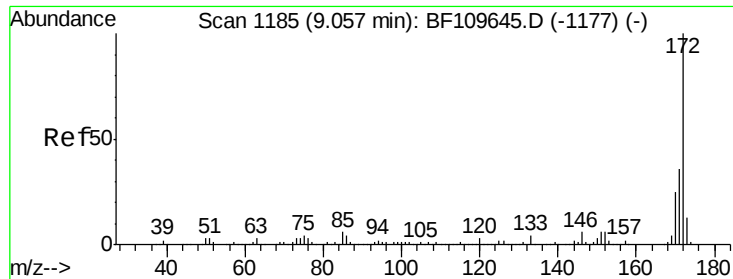


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

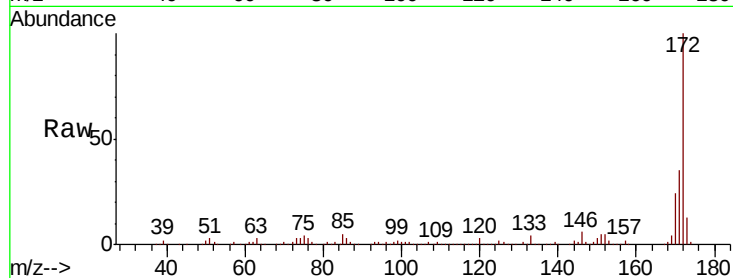




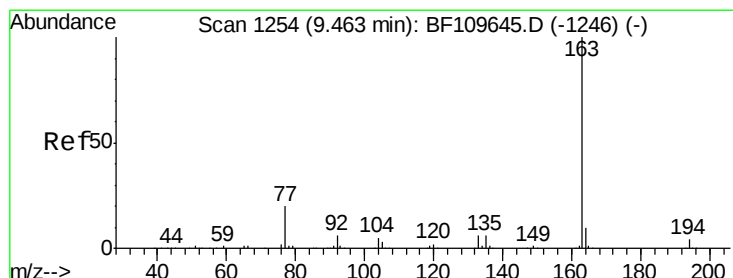
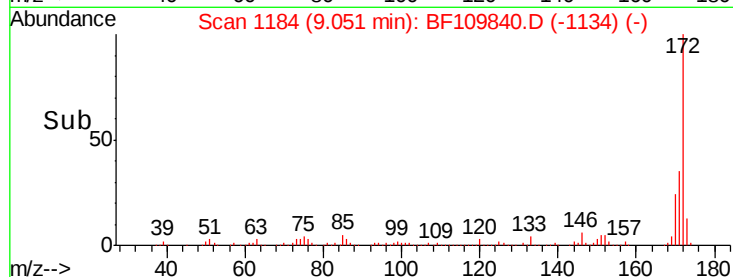
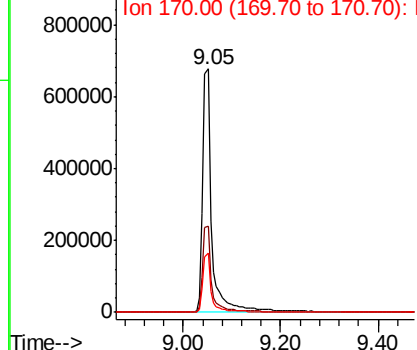
#44
2-Fluorobiphenyl
Concen: 60.659 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

Instrument :
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ClientSampleId :
HD-01-101118

Tgt Ion:172 Resp: 891651
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 24.1 19.7 29.5

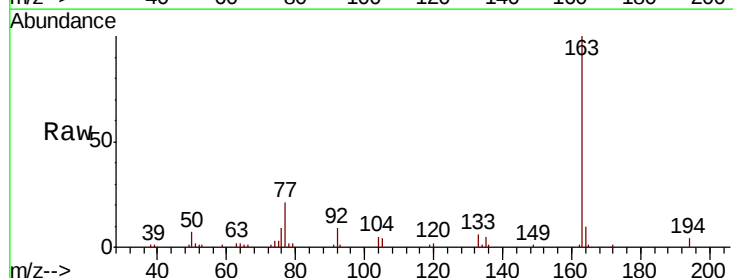


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

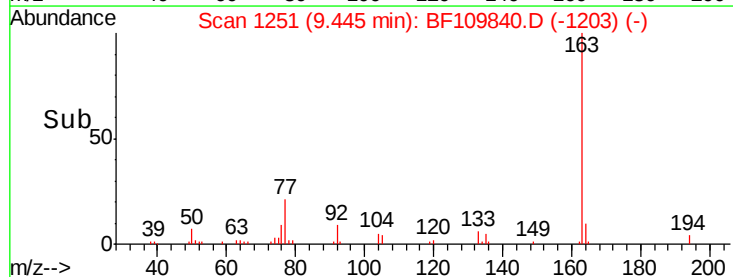
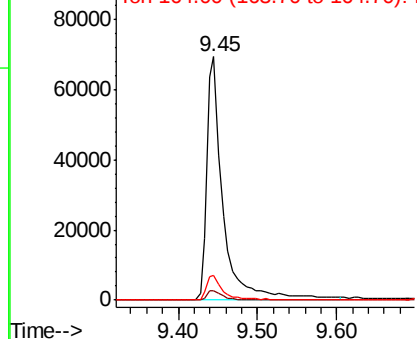


#49
Dimethylphthalate
Concen: 6.767 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF109840.D
Acq: 12 Oct 2018 18:12

Tgt Ion:163 Resp: 100473
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.9 8.1 12.1



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

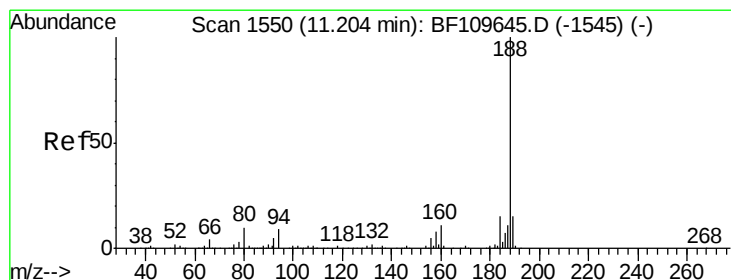
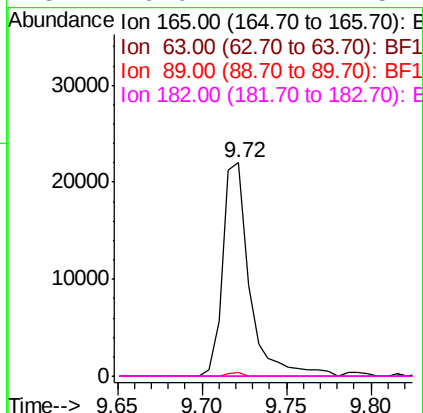
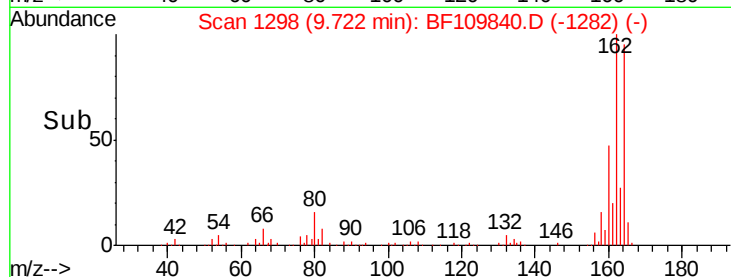
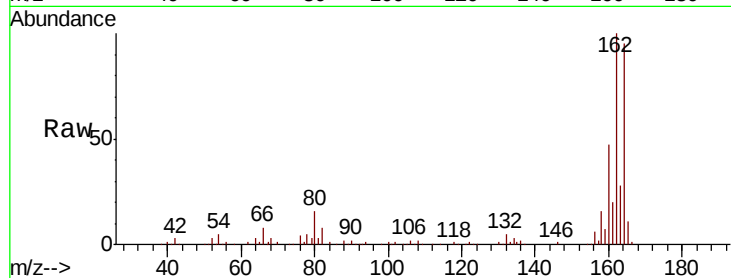




#56
 2,4-Dinitrotoluene
 Concen: 6.072 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

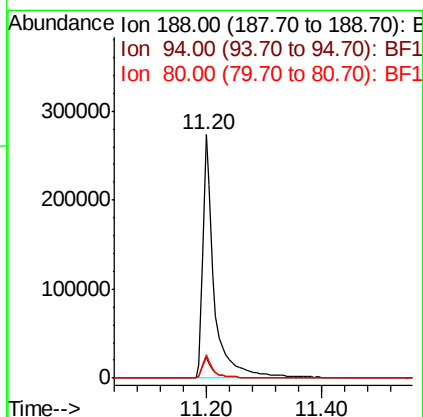
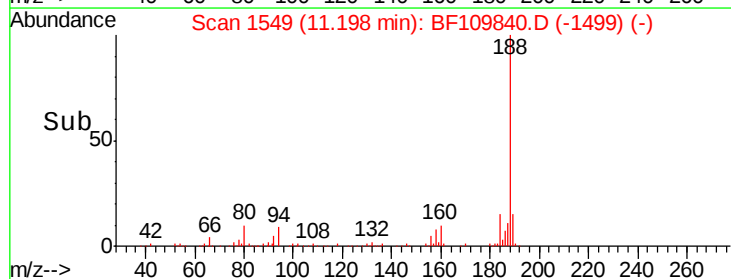
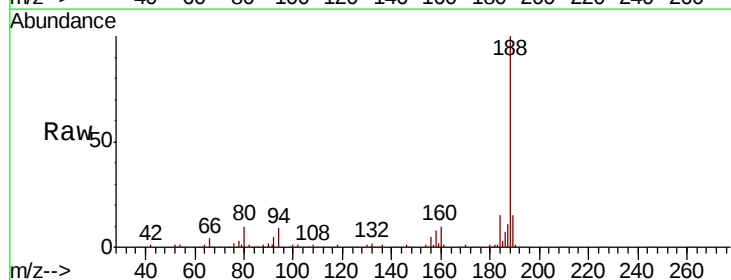
Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.01 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	9.8	7.9	11.9

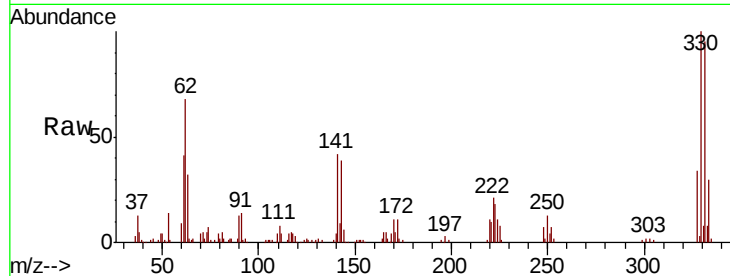




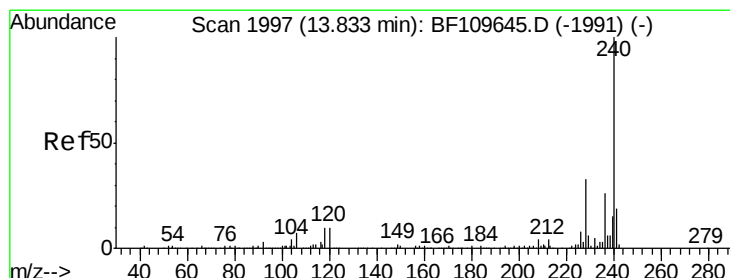
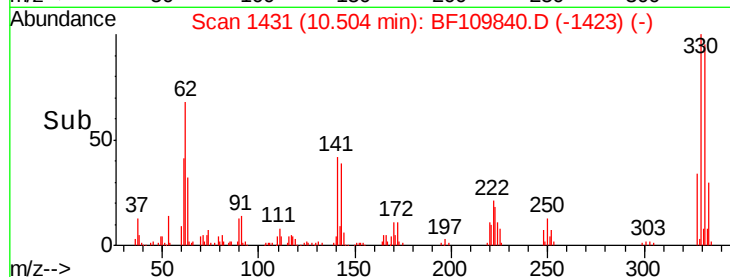
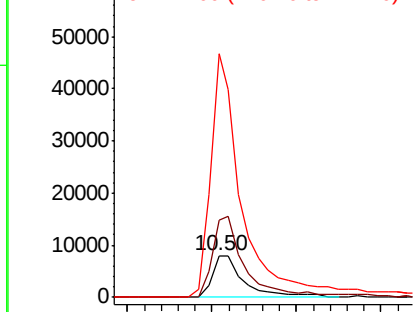
#66
 4-Bromophenyl-phenylether
 Concen: 2.373 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.25 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118

Tgt Ion:248 Resp: 10434
 Ion Ratio Lower Upper
 248 100
 250 184.7 79.4 119.2#
 141 581.4 55.9 83.9#

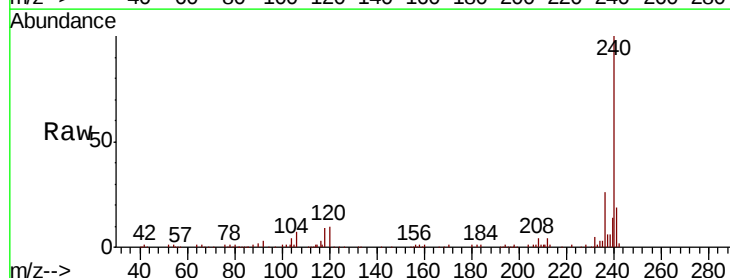


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

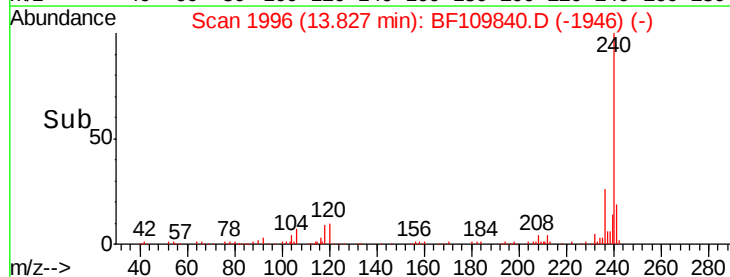
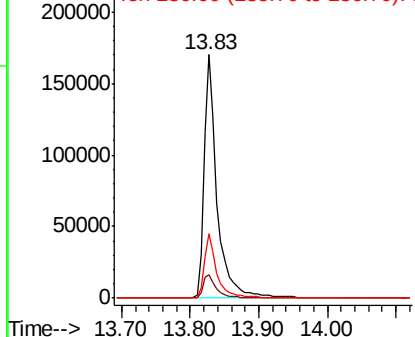


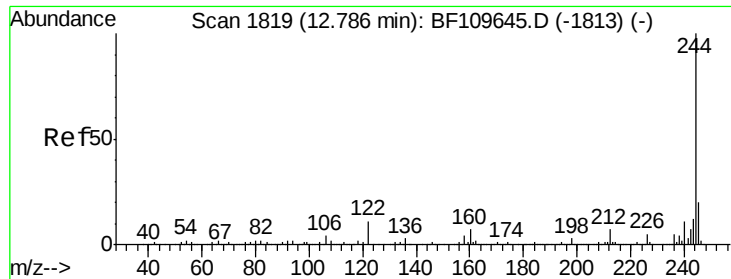
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

Tgt Ion:240 Resp: 228541
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.3 12.5
 236 26.3 21.2 31.8



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

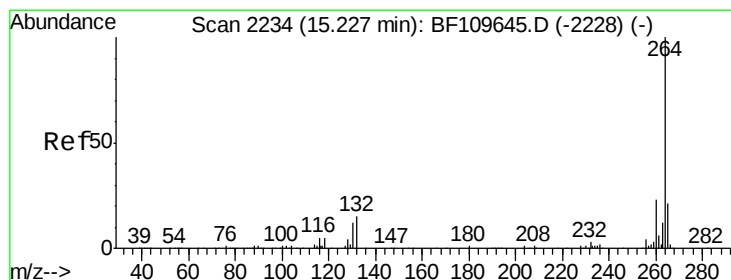
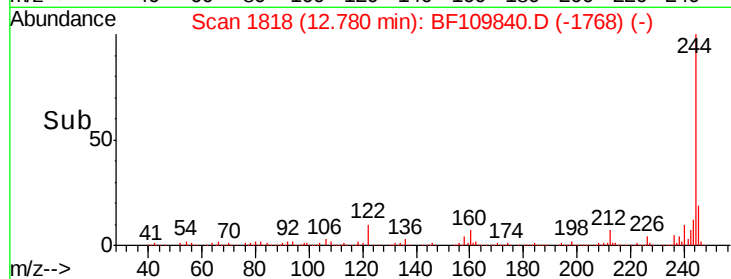
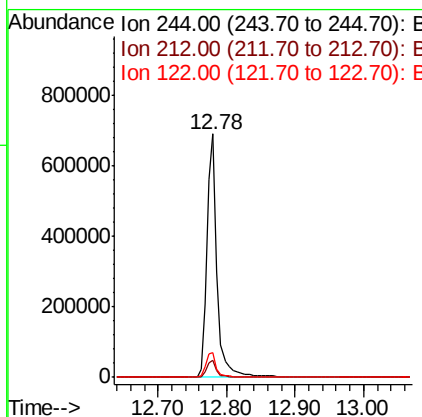
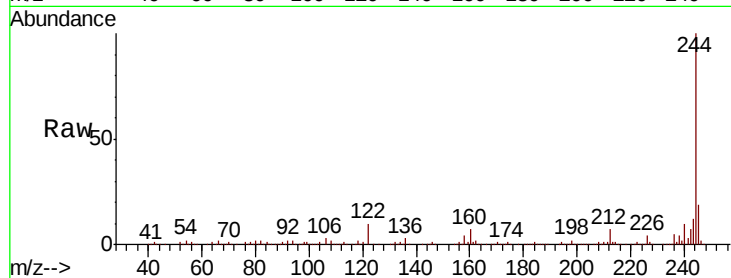




#78
 Terphenyl-d14
 Concen: 61.725 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-101118

Tgt Ion: 244 Resp: 728707
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.3 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2234
 Delta R.T. -0.00 min
 Lab File: BF109840.D
 Acq: 12 Oct 2018 18:12

Tgt Ion: 264 Resp: 199636
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.7 28.1
 265 21.1 16.7 25.1

