

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080119\
 Data File : BF115912.D
 Acq On : 1 Aug 2019 17:55
 Operator : HP/JU
 Sample : K3618-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019

Quant Time: Aug 02 05:00:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

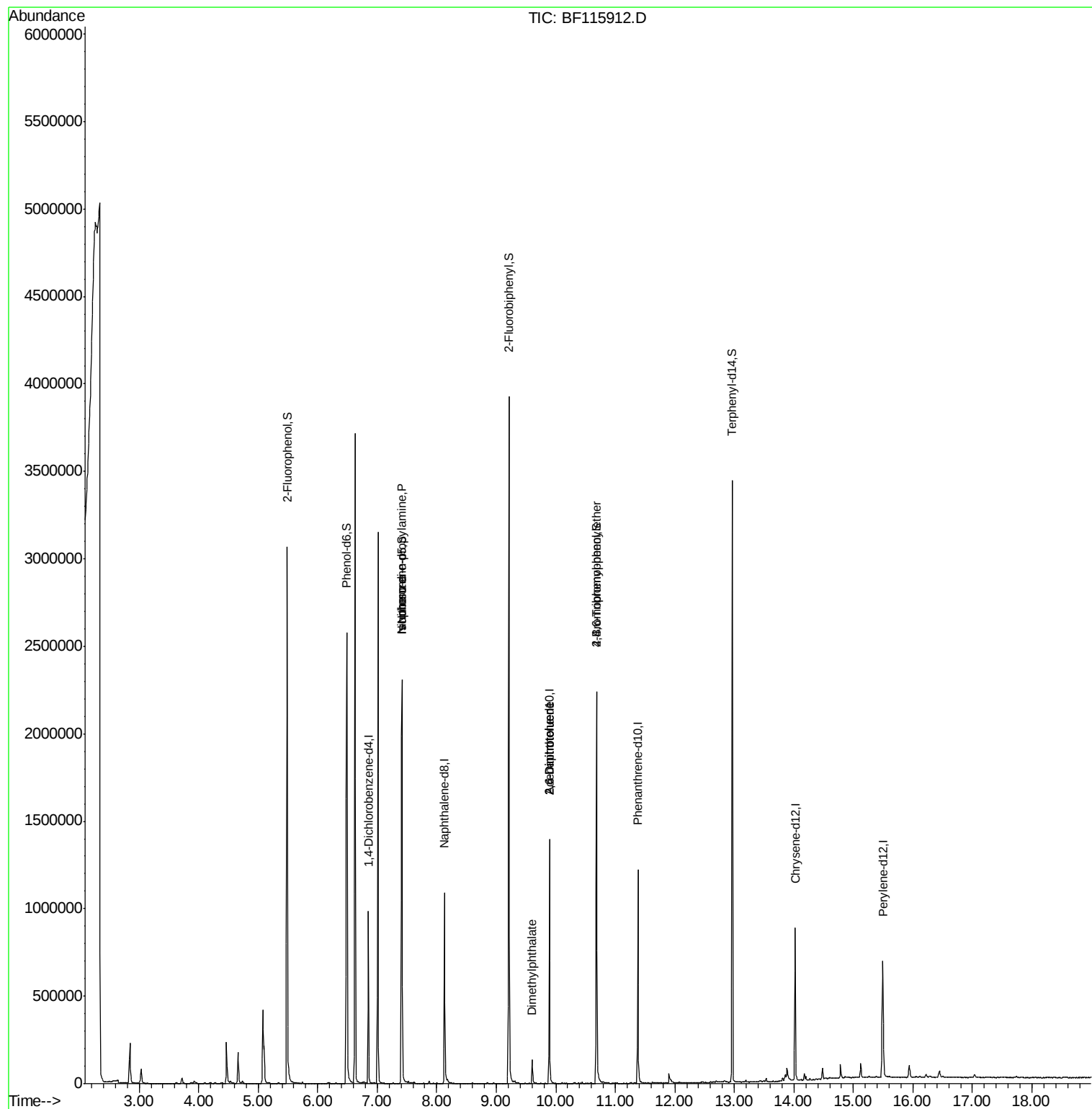
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	135814	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	511119	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	264553	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	427539	20.00	ng	0.00
76) Chrysene-d12	14.02	240	275617	20.00	ng	0.00
87) Perylene-d12	15.49	264	332989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	912822	112.52	ng	0.02
7) Phenol-d6	6.49	99	1083690	105.87	ng	0.00
23) Nitrobenzene-d5	7.42	82	812889	91.80	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	330456	128.84	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1367068	96.79	ng	0.00
79) Terphenyl-d14	12.96	244	1263529	96.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	108926	17.173	ng	# 78
25) Isophorone	7.42	82	812879	48.010	ng	# 66
50) Dimethylphthalate	9.60	163	61936	3.438	ng	97
51) 2,6-Dinitrotoluene	9.89	165	33639	8.593	ng	# 28
57) 2,4-Dinitrotoluene	9.89	165	33639	6.454	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	19511	4.263	ng	# 1

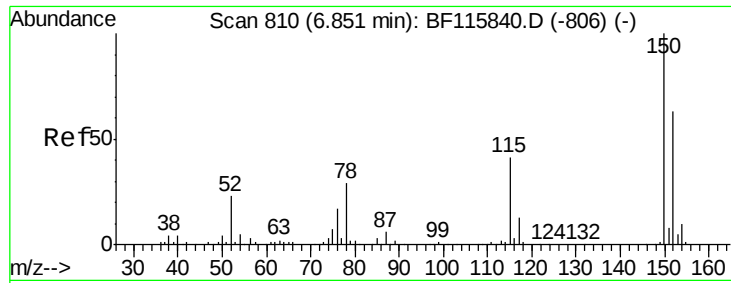
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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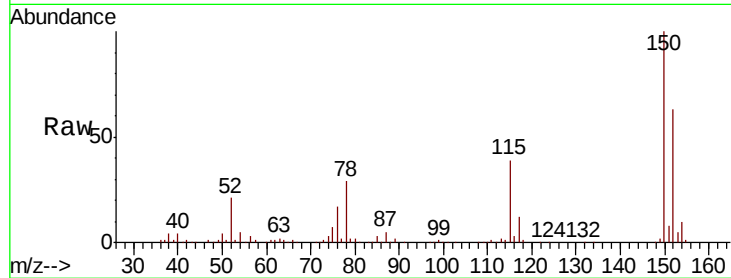


#1

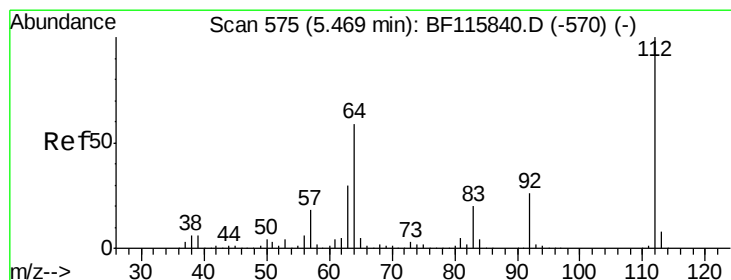
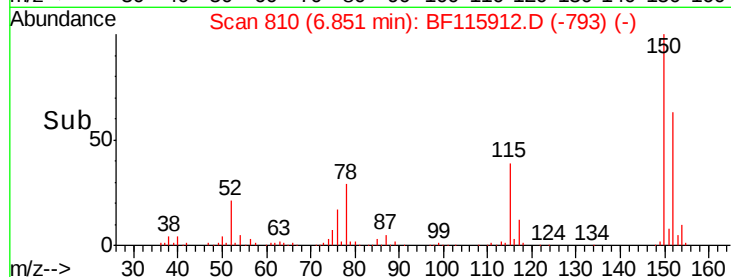
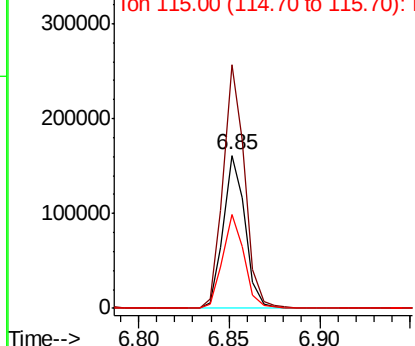
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115912.D
Acq: 1 Aug 2019 17:55

Instrument :
BNA_F
ClientSampleId :
HD-01-073019

Tgt Ion:152 Resp: 135814
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.0
115 61.3 51.8 77.8



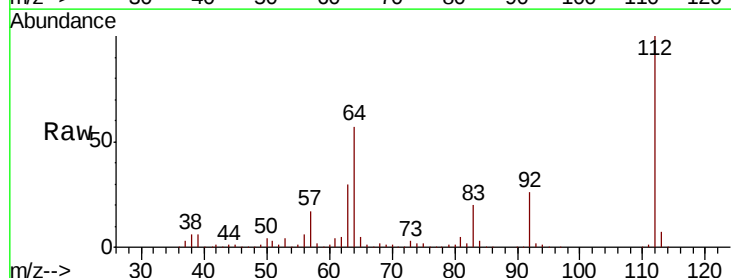
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



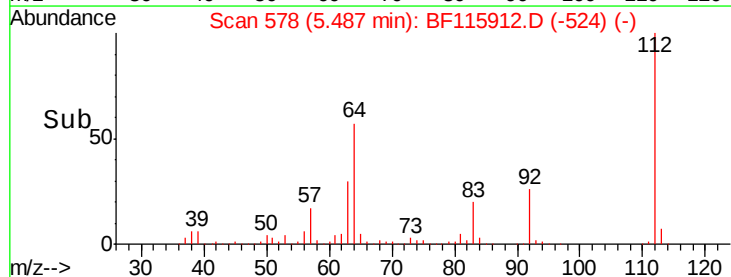
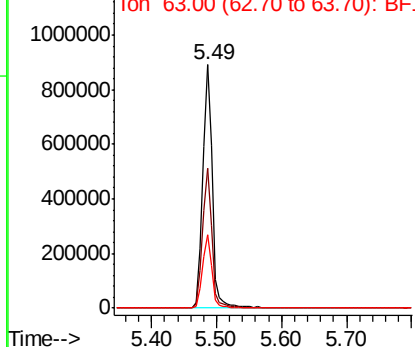
#5

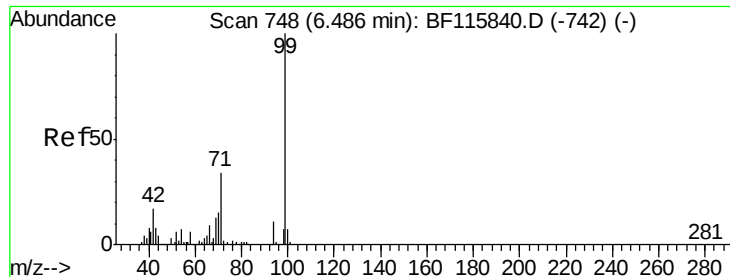
2-Fluorophenol
Concen: 112.516 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF115912.D
Acq: 1 Aug 2019 17:55

Tgt Ion:112 Resp: 912822
Ion Ratio Lower Upper
112 100
64 57.3 46.8 70.2
63 30.1 24.2 36.2



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: 105.873 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115912.D

Acq: 1 Aug 2019 17:55

Instrument :

BNA_F

ClientSampleId :

HD-01-073019

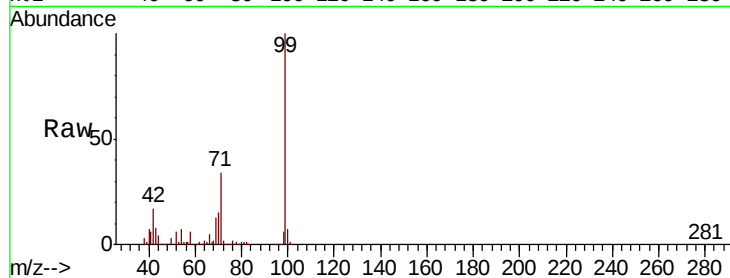
Tgt Ion: 99 Resp: 1083690

Ion Ratio Lower Upper

99 100

42 17.4 13.8 20.6

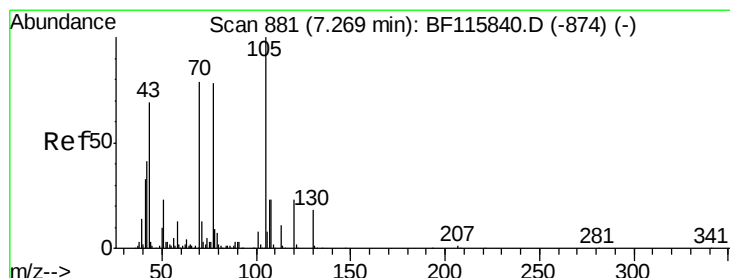
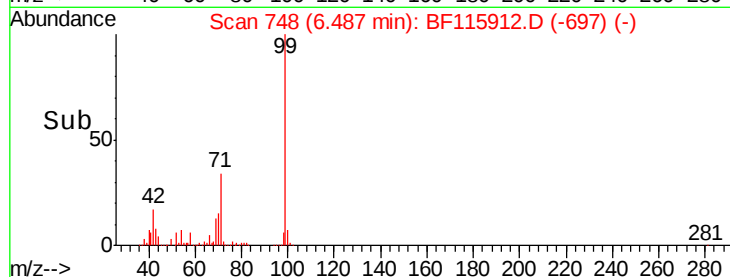
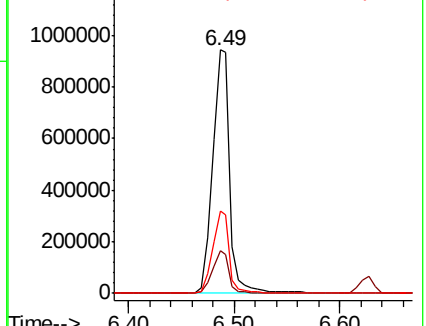
71 34.0 27.1 40.7



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: 17.173 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.15 min

Lab File: BF115912.D

Acq: 1 Aug 2019 17:55

Tgt Ion: 70 Resp: 108926

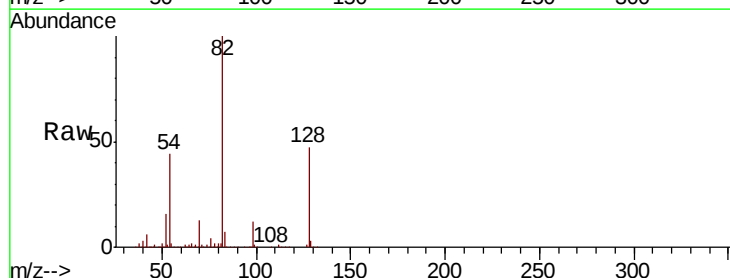
Ion Ratio Lower Upper

70 100

42 42.8 41.8 62.8

101 0.0 7.7 11.5#

130 2.1 17.8 26.6#

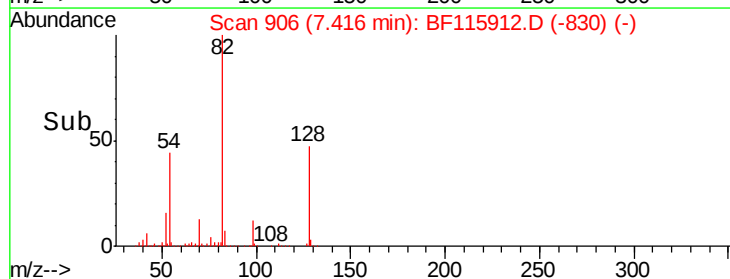
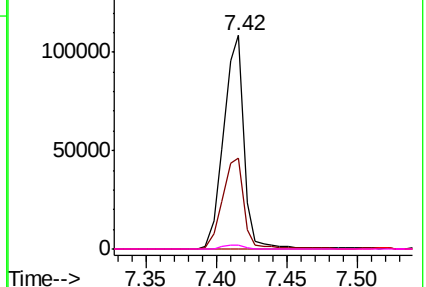


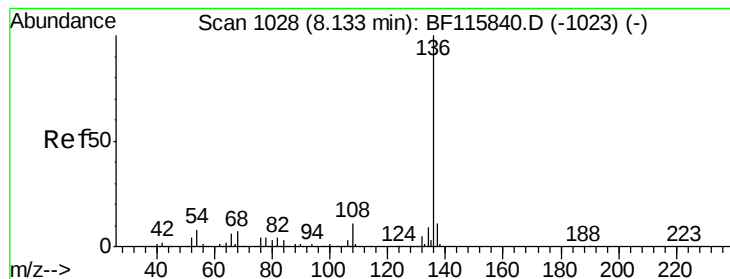
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF115912.D

Acq: 1 Aug 2019 17:55

Instrument :

BNA_F

ClientSampleId :

HD-01-073019

Tgt Ion:136 Resp: 511119

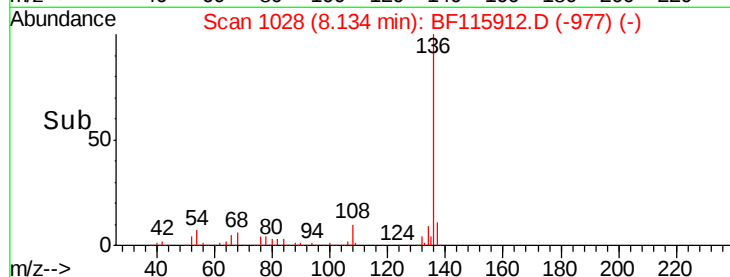
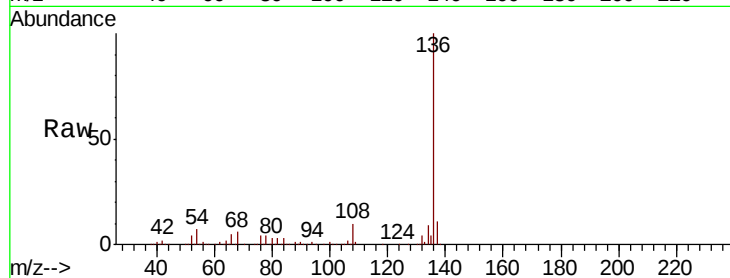
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 6.7 6.1 9.1

68 5.8 5.4 8.2

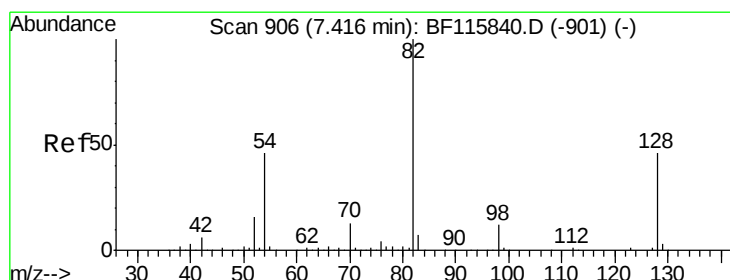
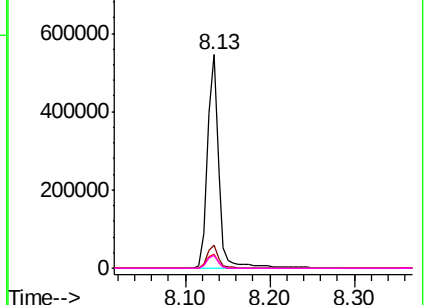


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 91.803 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF115912.D

Acq: 1 Aug 2019 17:55

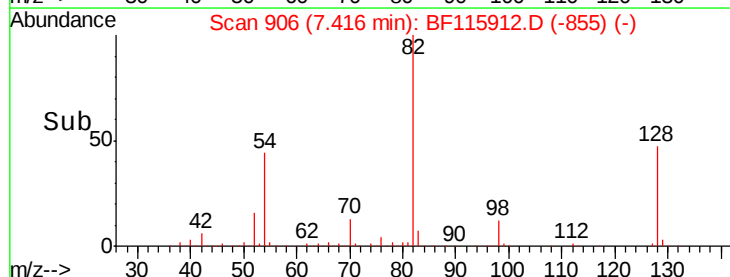
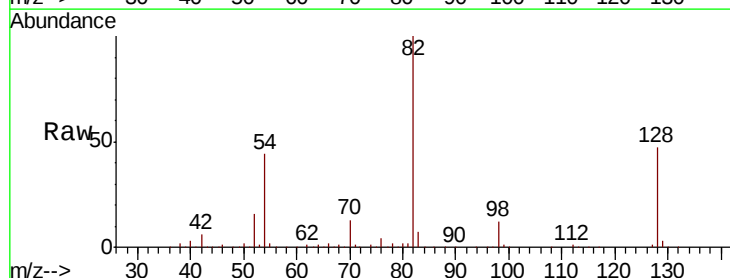
Tgt Ion: 82 Resp: 812889

Ion Ratio Lower Upper

82 100

128 47.1 36.6 55.0

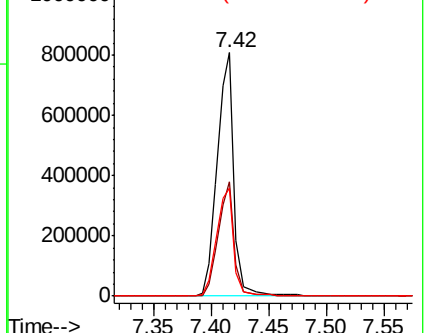
54 44.1 36.6 55.0

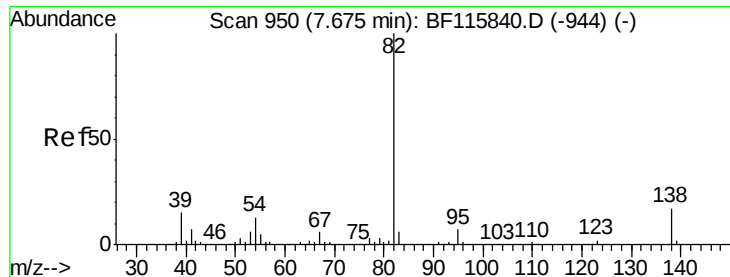


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.010 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF115912.D

Acq: 1 Aug 2019 17:55

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HD-01-073019

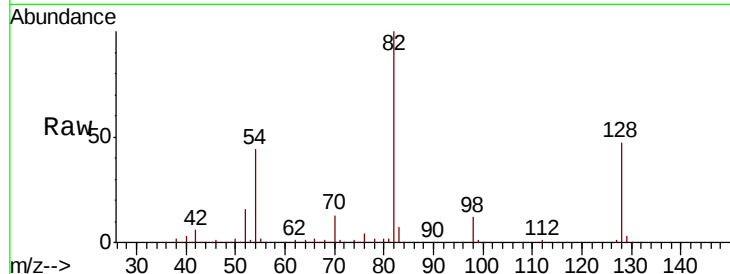
Tgt Ion: 82 Resp: 812879

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

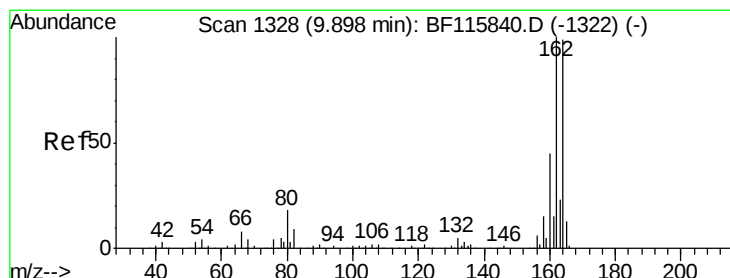
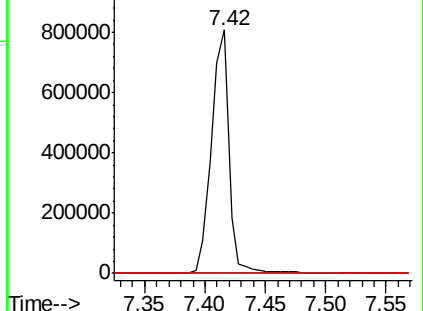
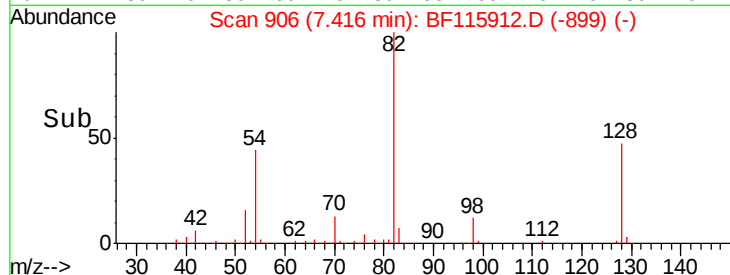
138 0.0 13.9 20.9#



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: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF115912.D

Acq: 1 Aug 2019 17:55

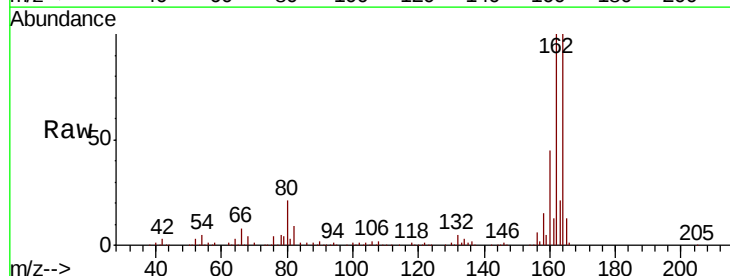
Tgt Ion: 164 Resp: 264553

Ion Ratio Lower Upper

164 100

162 100.3 80.8 121.2

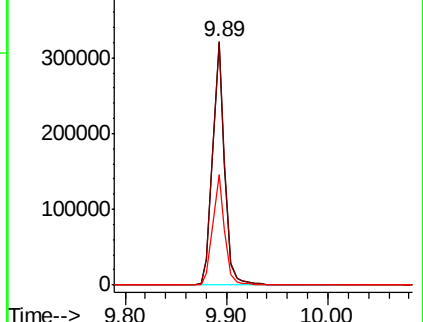
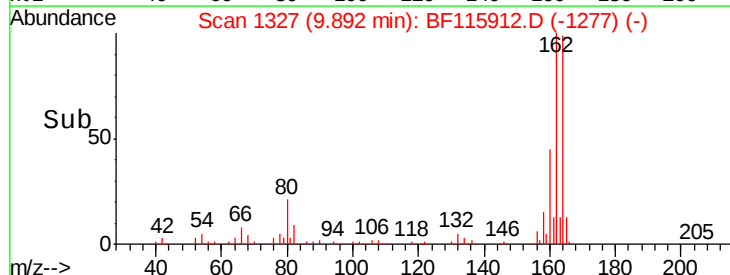
160 45.3 36.2 54.4

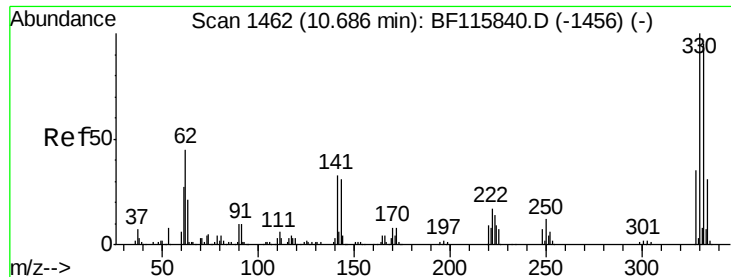


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

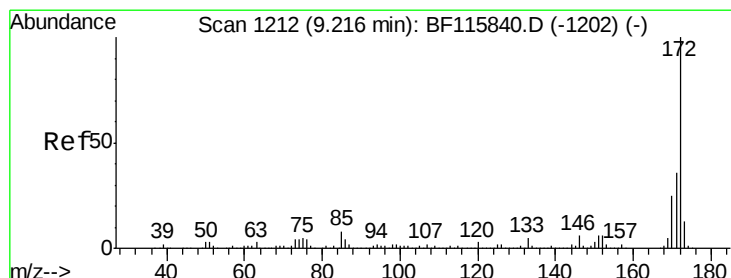
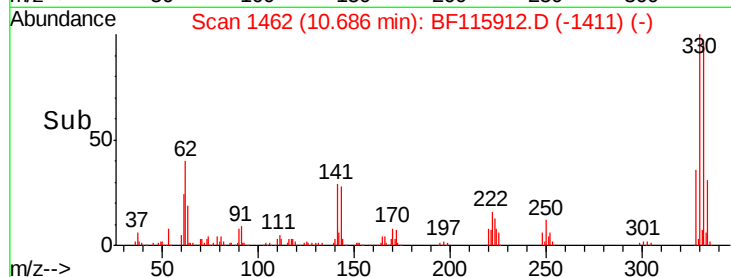
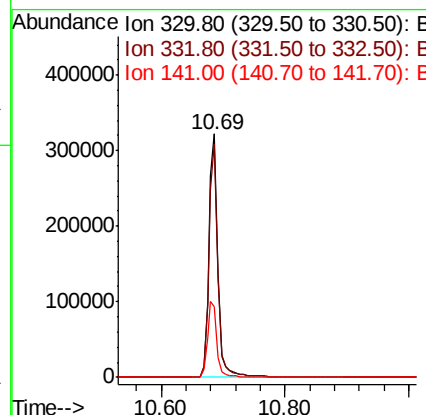
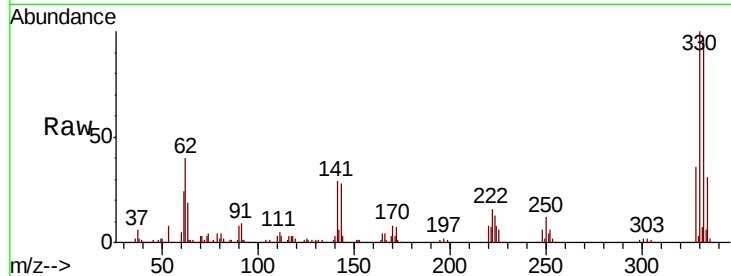




#42
 2,4,6-Tribromophenol
 Concen: 128.837 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BF115912.D
 Acq: 1 Aug 2019 17:55

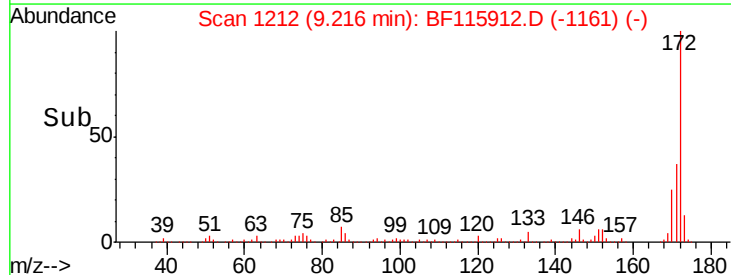
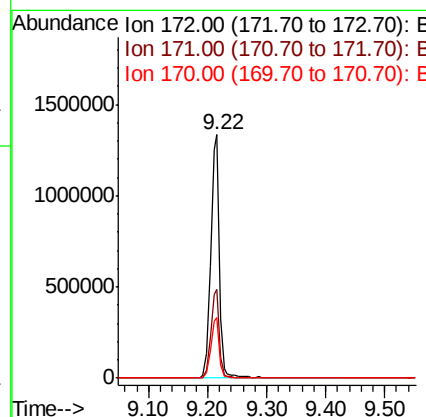
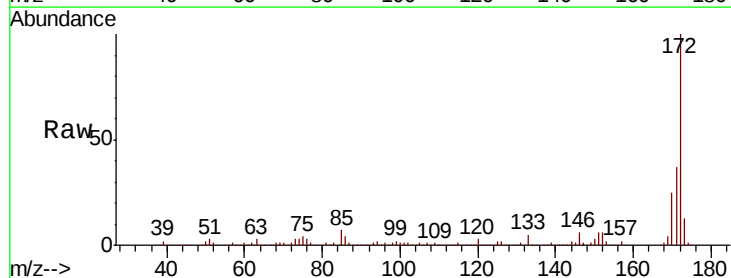
Instrument :
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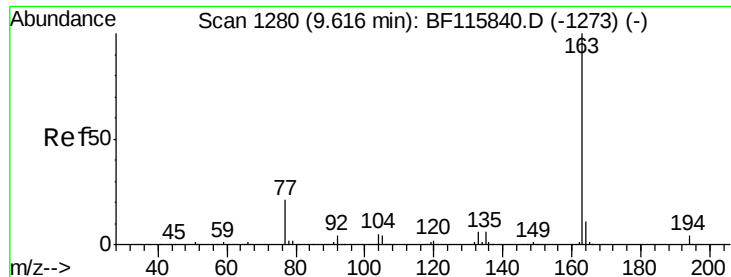
Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.7	116.5
141	33.7	28.1	42.1



#45
 2-Fluorobiphenyl
 Concen: 96.790 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BF115912.D
 Acq: 1 Aug 2019 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	24.9	20.1	30.1

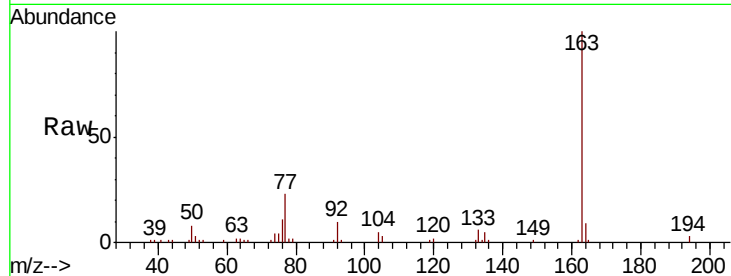




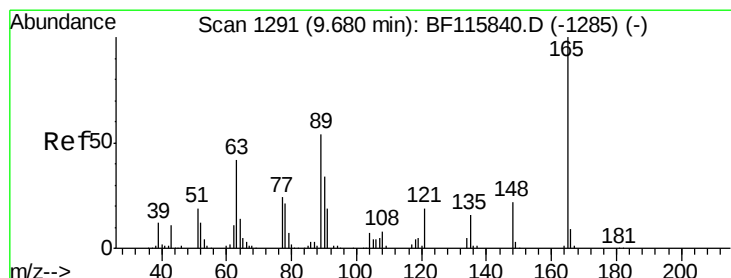
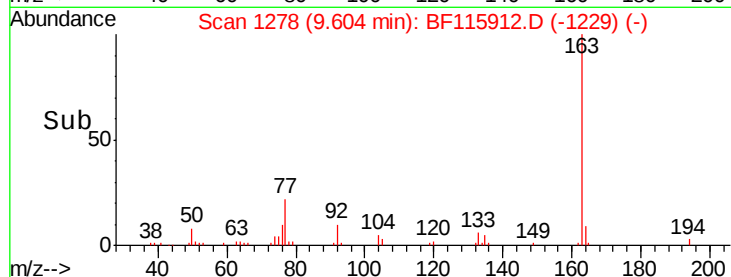
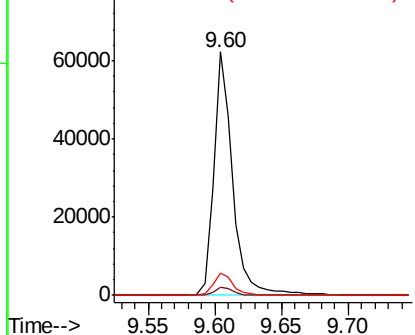
#50
Dimethylphthalate
Concen: 3.438 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF115912.D
Acq: 1 Aug 2019 17:55

Instrument :
BNA_F
ClientSampleId :
HD-01-073019

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.6
164	9.3	8.4	12.6

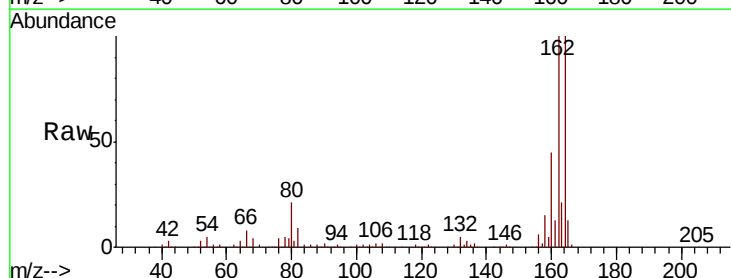


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

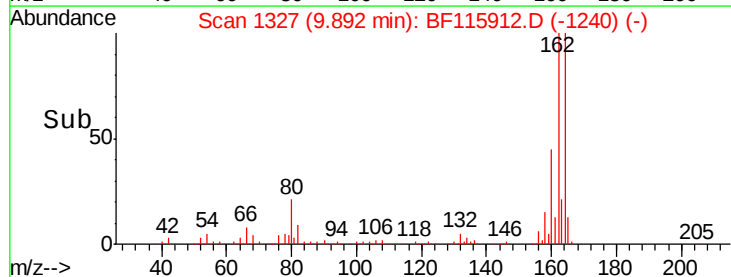
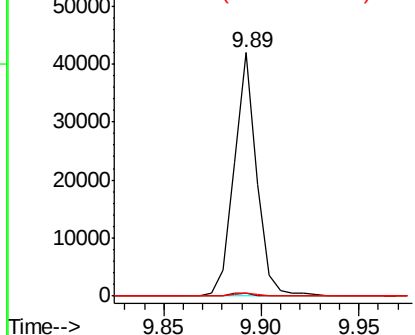


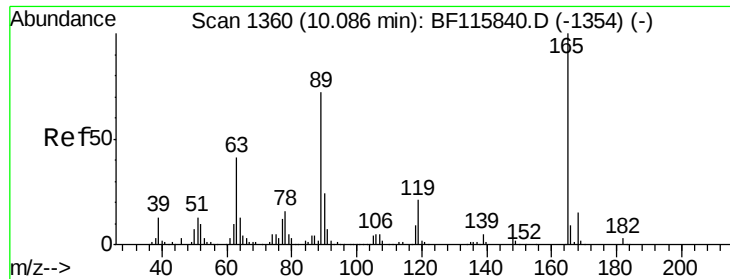
#51
2,6-Dinitrotoluene
Concen: 8.593 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.21 min
Lab File: BF115912.D
Acq: 1 Aug 2019 17:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	39.4	59.2#
89	1.3	43.0	64.6#



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

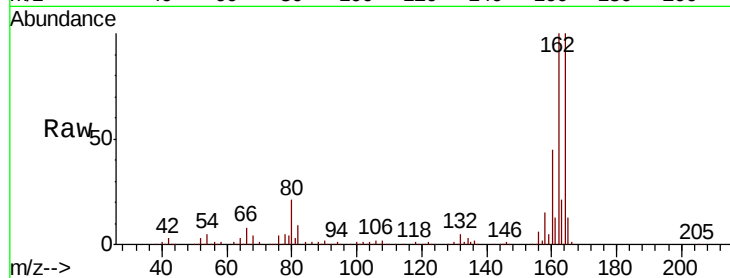




#57
 2,4-Dinitrotoluene
 Concen: 6.454 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF115912.D
 Acq: 1 Aug 2019 17:55

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-073019

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.2	49.8#
89	1.3	57.3	85.9#
182	0.0	2.1	3.1#

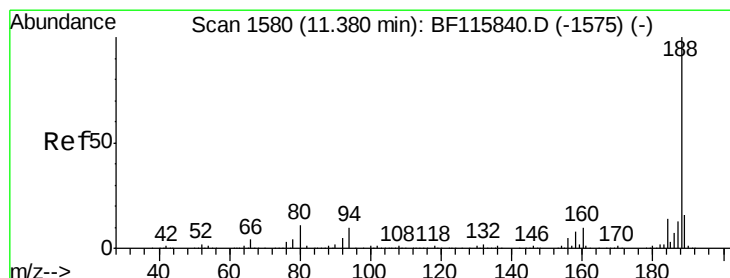
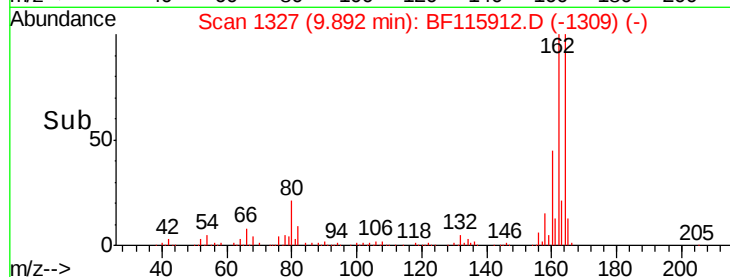
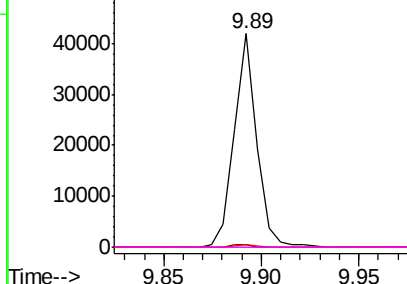


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

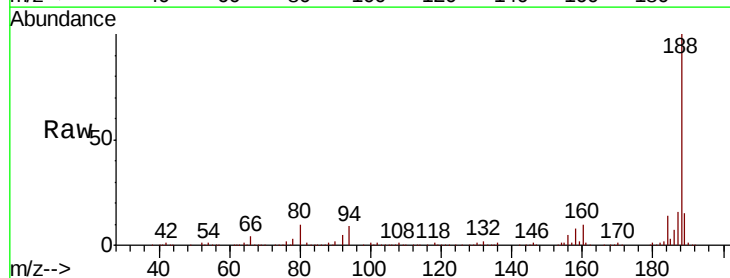
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF115912.D
 Acq: 1 Aug 2019 17:55

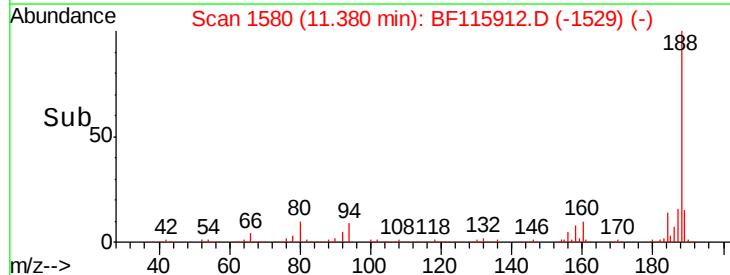
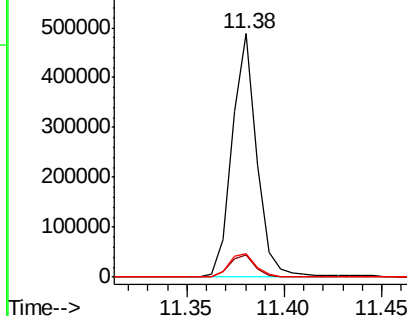
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.0	12.0
80	9.8	8.6	12.8

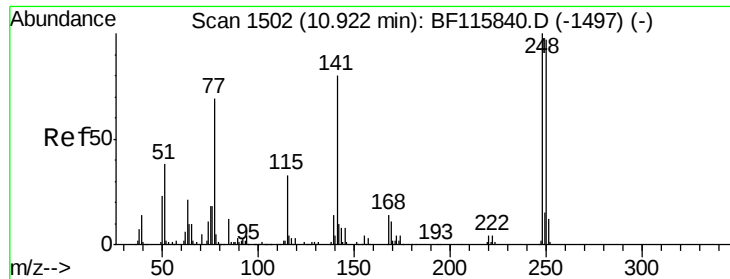


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

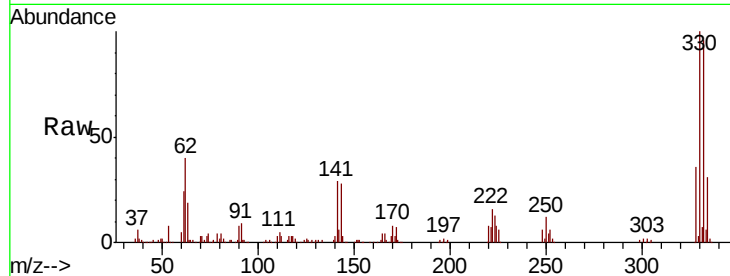




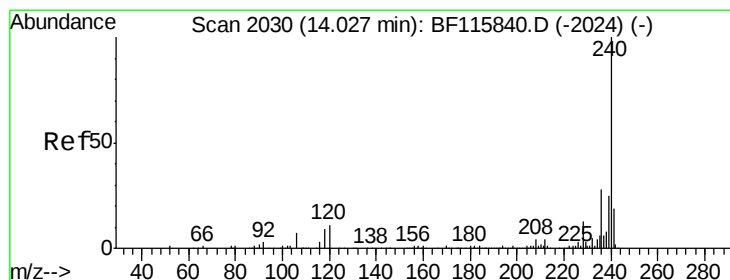
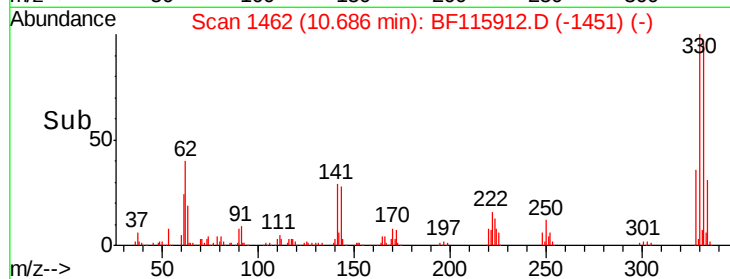
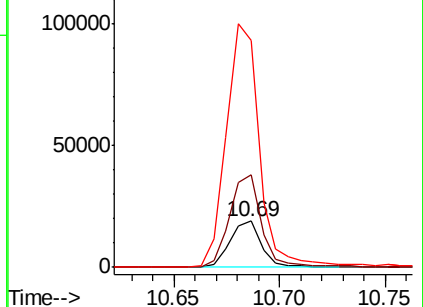
#67
 4-Bromophenyl-phenylether
 Concen: 4.263 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF115912.D
 Acq: 1 Aug 2019 17:55

Instrument :
 BNA_F
 ClientSampled :
 HD-01-073019

Tgt Ion:248 Resp: 19511
 Ion Ratio Lower Upper
 248 100
 250 201.8 77.8 116.6#
 141 492.5 64.3 96.5#

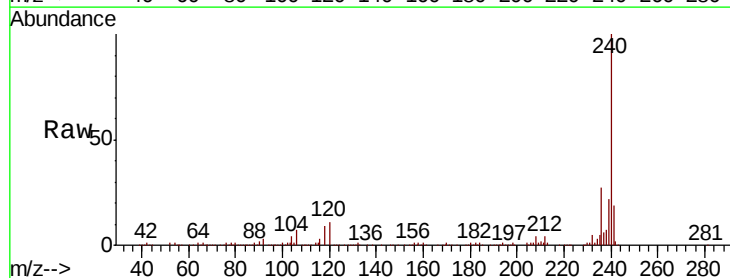


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

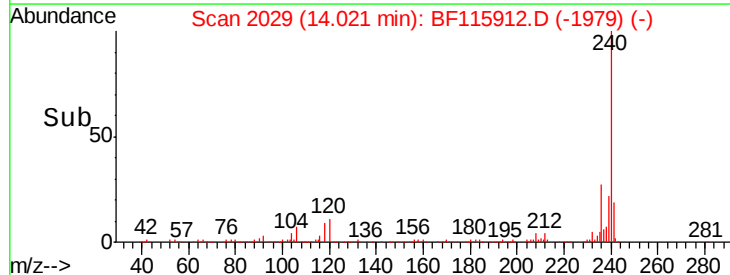
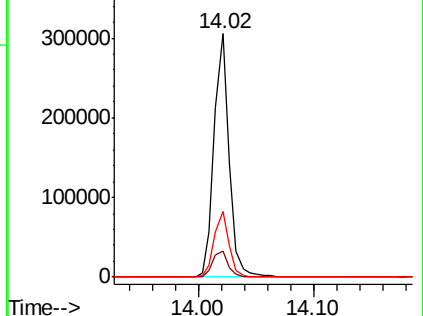


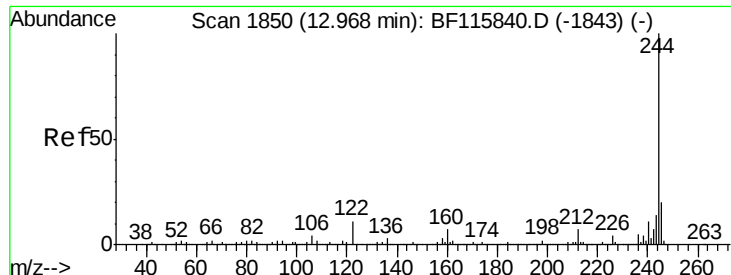
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115912.D
 Acq: 1 Aug 2019 17:55

Tgt Ion:240 Resp: 275617
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.5 12.7
 236 27.2 22.2 33.2



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: 96.600 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115912.D

Acq: 1 Aug 2019 17:55

Instrument :

BNA_F

ClientSampleId :

HD-01-073019

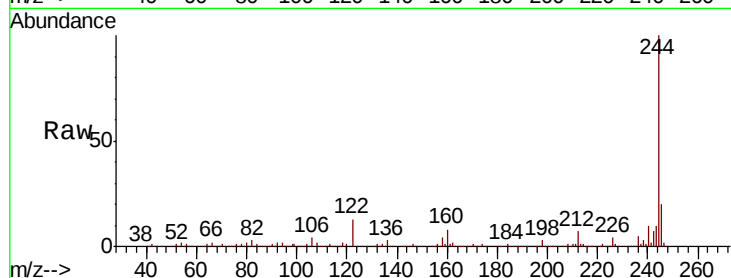
Tgt Ion:244 Resp: 1263529

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

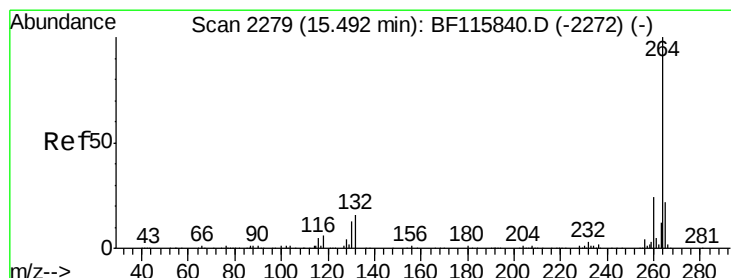
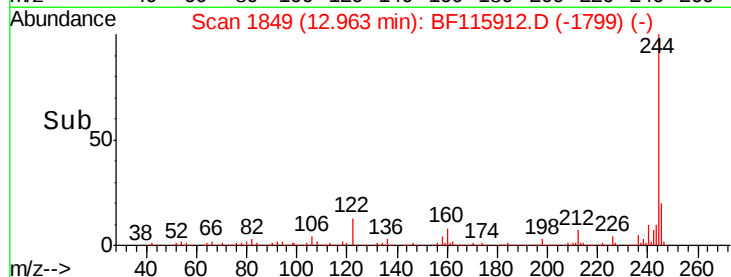
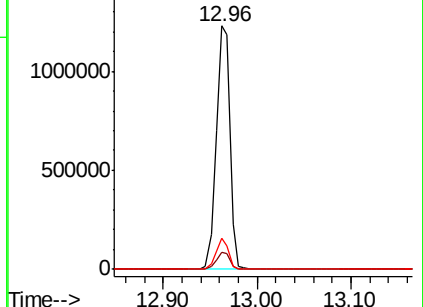
122 12.6 8.6 13.0



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: 15.49 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BF115912.D

Acq: 1 Aug 2019 17:55

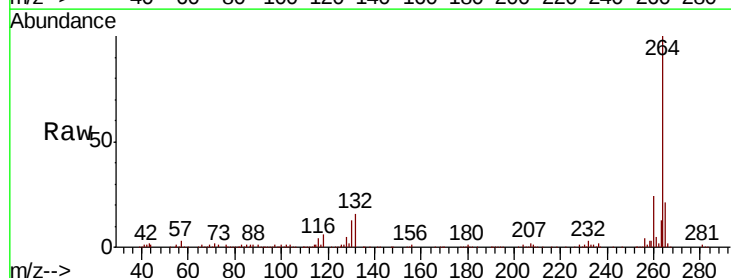
Tgt Ion:264 Resp: 332989

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 21.3 17.5 26.3



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

