

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113210.D
 Acq On : 21 Mar 2019 16:01
 Operator : JU/SJ
 Sample : K1690-01 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-032019

Quant Time: Mar 22 01:14:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	133766	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	594761	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	268054	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	525282	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	329704	20.00	ng	0.00
87) Perylene-d12	15.27	264	310700	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	73261	8.52	ng	-0.01
7) Phenol-d6	6.36	99	103276	9.56	ng	-0.01
23) Nitrobenzene-d5	7.28	82	52117	5.24	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	31180	10.96	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	127430	4.98	ng	-0.01
79) Terphenyl-d14	12.82	244	102626	6.03	ng	0.00

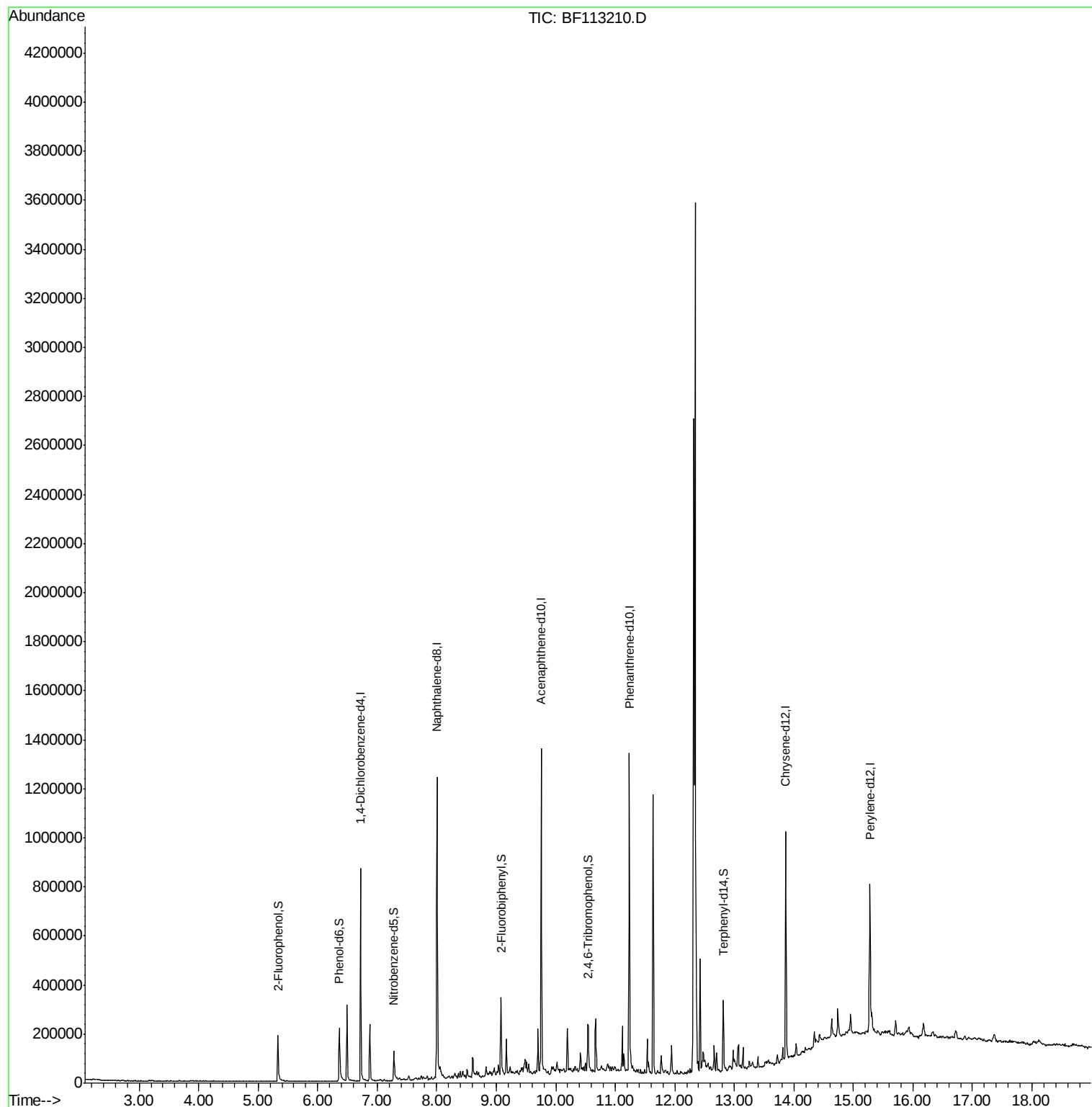
Target Compounds	Qvalue
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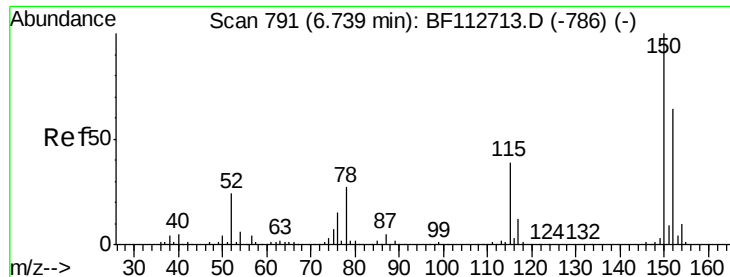
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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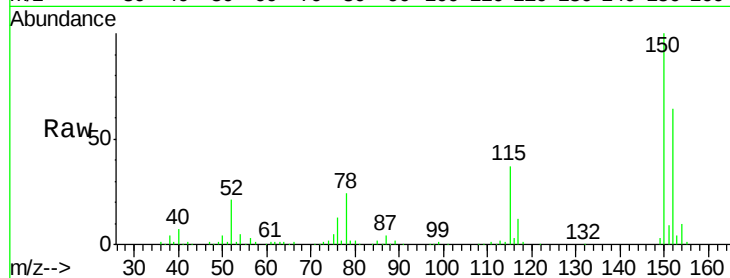


#1

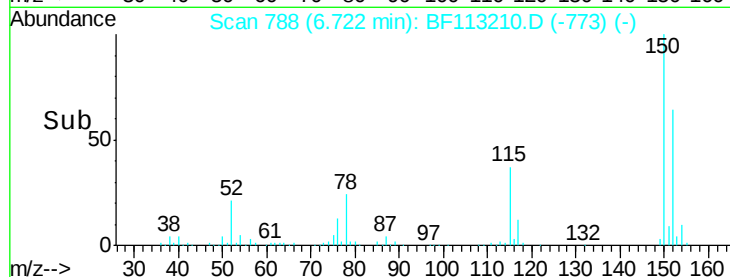
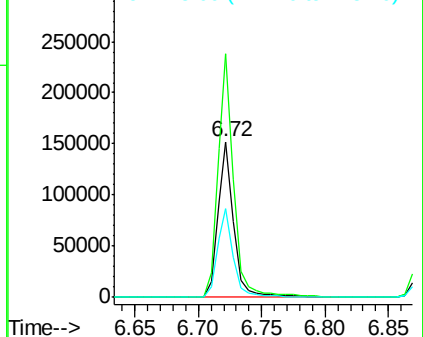
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF113210.D
Acq: 21 Mar 2019 16:01

Instrument :
BNA_F
ClientSampleId :
HD-02-032019

Tgt Ion:152 Resp: 133766
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 57.4 48.2 72.4



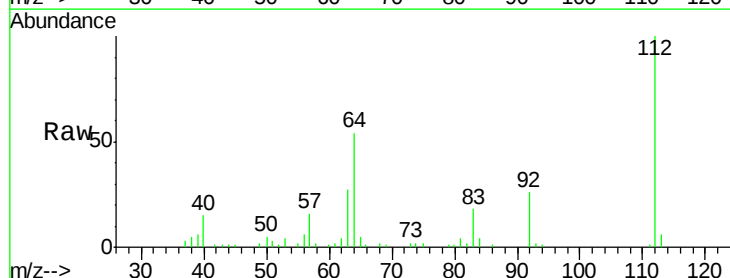
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



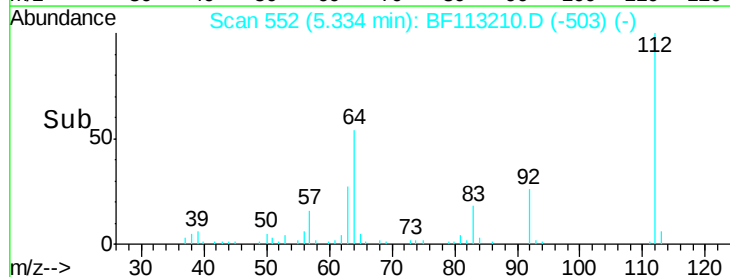
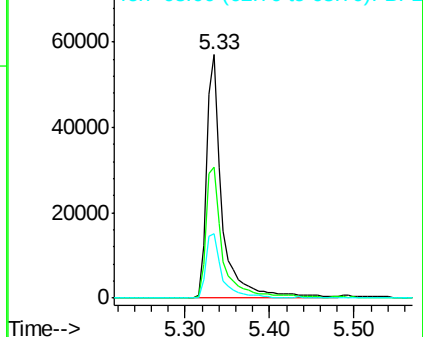
#5

2-Fluorophenol
Concen: 8.519 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113210.D
Acq: 21 Mar 2019 16:01

Tgt Ion:112 Resp: 73261
Ion Ratio Lower Upper
112 100
64 53.7 47.6 71.4
63 26.7 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: 9.561 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113210.D

Acq: 21 Mar 2019 16:01

Instrument :

BNA_F

ClientSampleId :

HD-02-032019

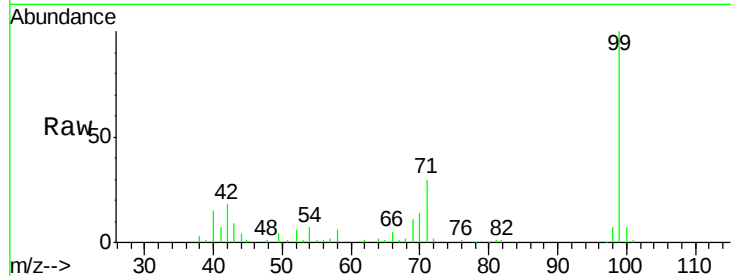
Tgt Ion: 99 Resp: 103276

Ion Ratio Lower Upper

99 100

42 17.5 16.3 24.5

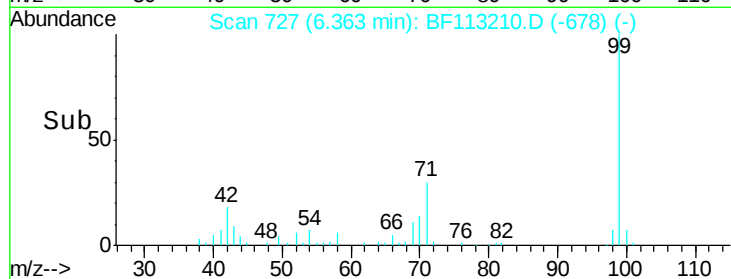
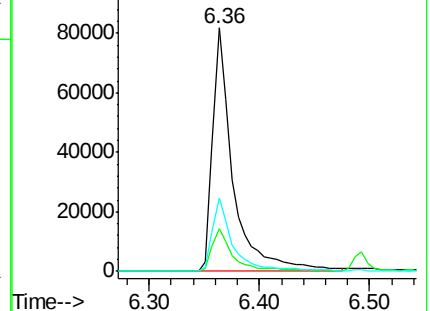
71 30.4 26.2 39.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113210.D

Acq: 21 Mar 2019 16:01

Tgt Ion: 136 Resp: 594761

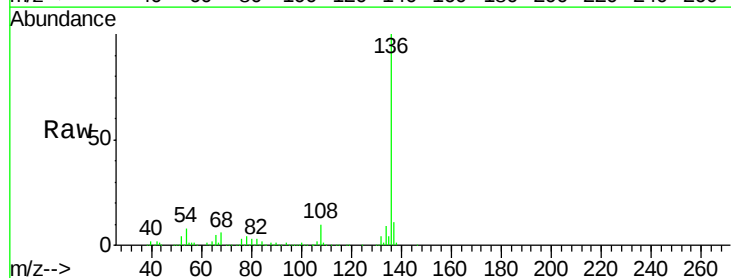
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.9 7.3 10.9

68 5.9 5.4 8.2

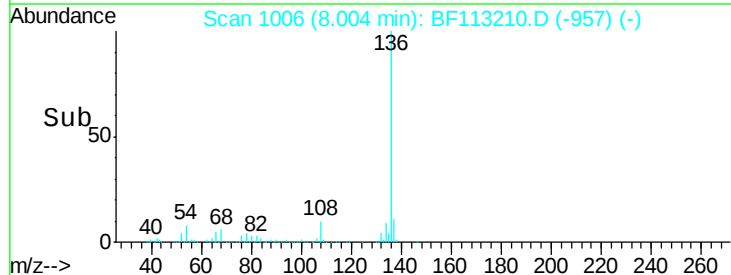
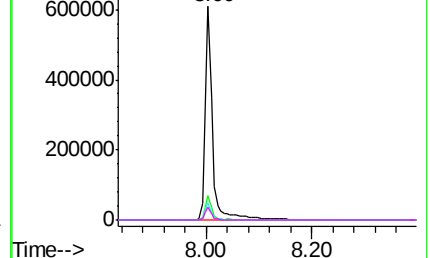


Abundance Ion 136.00 (135.70 to 136.70): E

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

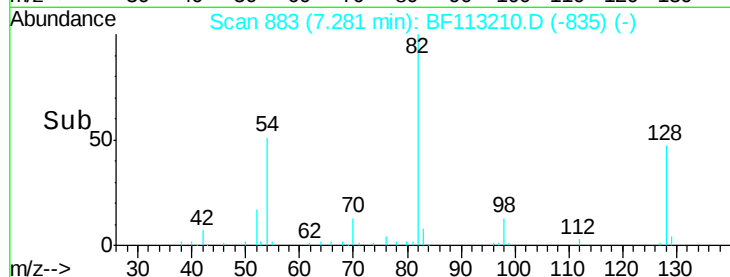
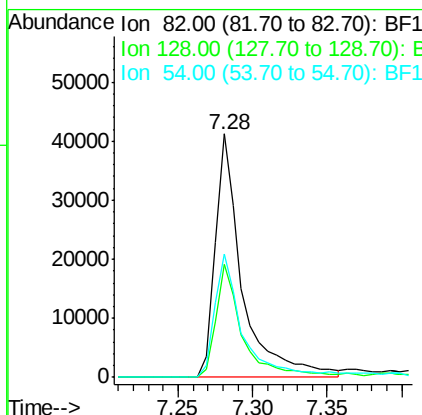
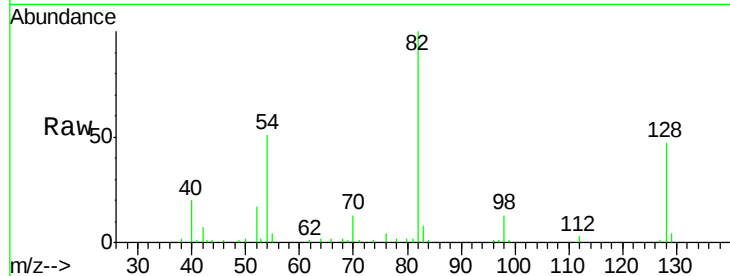




#23
Nitrobenzene-d5
Concen: 5.243 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113210.D
Acq: 21 Mar 2019 16:01

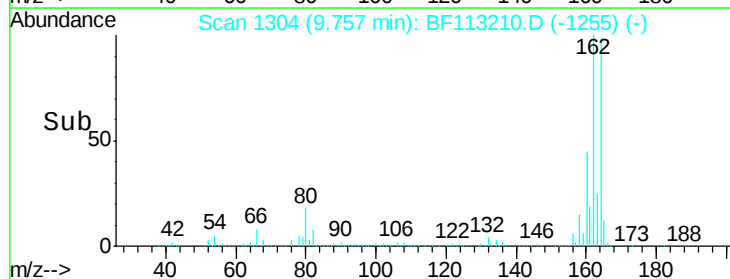
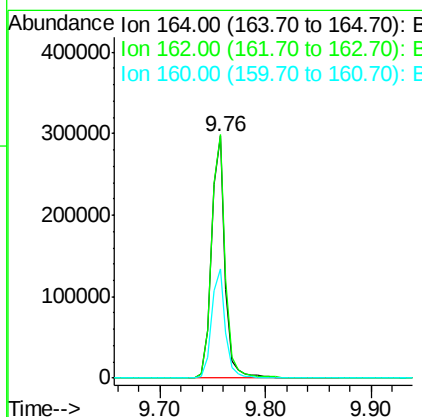
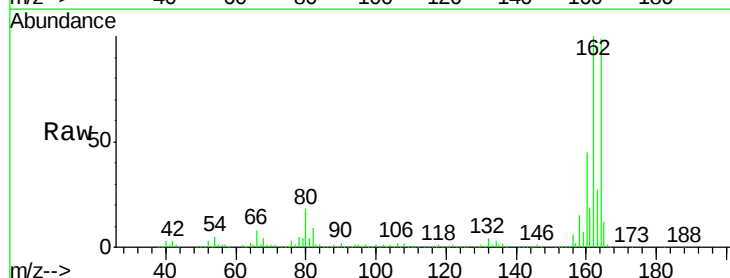
Instrument :
BNA_F
ClientSampled :
HD-02-032019

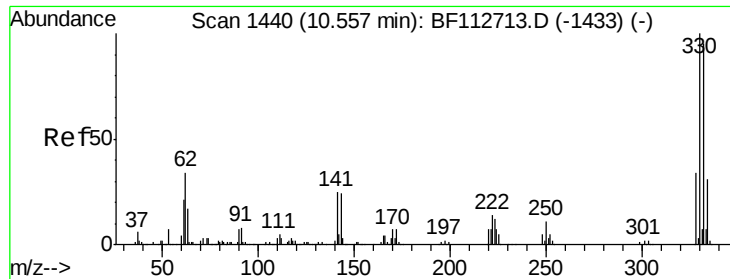
Tgt Ion: 82 Resp: 52117
Ion Ratio Lower Upper
82 100
128 46.6 36.3 54.5
54 50.8 43.7 65.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113210.D
Acq: 21 Mar 2019 16:01

Tgt Ion: 164 Resp: 268054
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 45.0 36.0 54.0

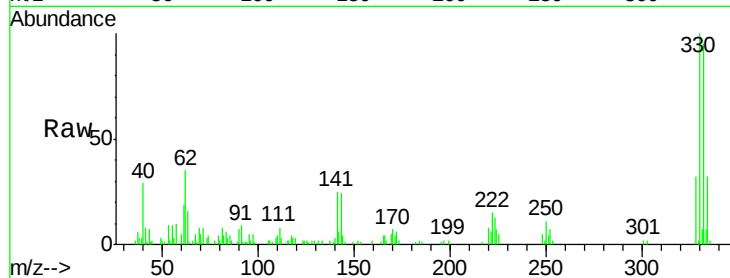




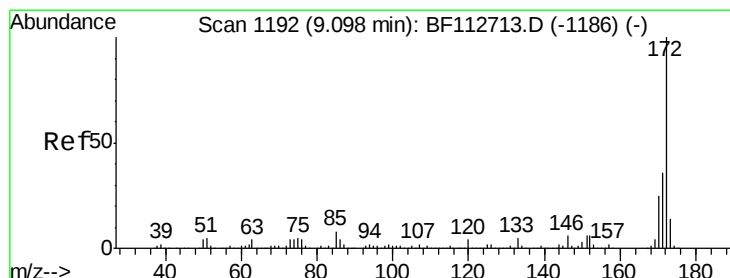
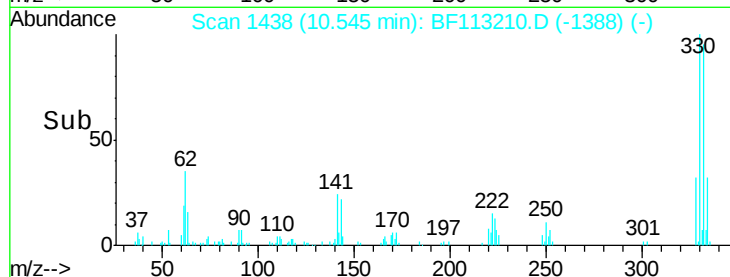
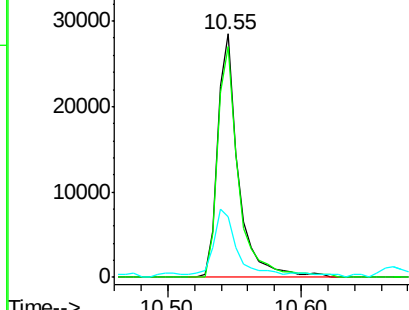
#42
 2,4,6-Tribromophenol
 Concen: 10.957 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113210.D
 Acq: 21 Mar 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-032019

Tgt Ion: 330 Resp: 31180
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 36.1 27.0 40.6

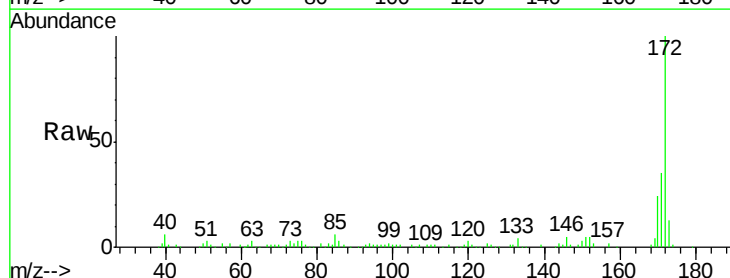


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

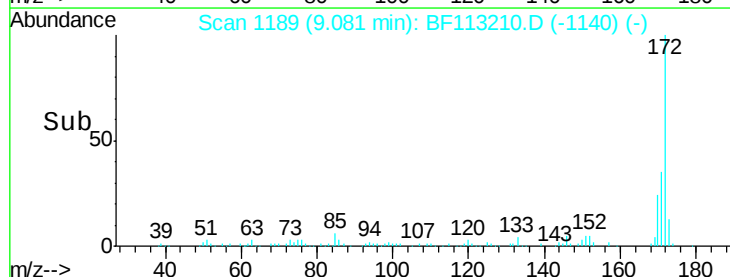
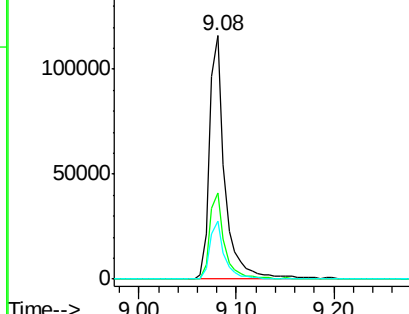


#45
 2-Fluorobiphenyl
 Concen: 4.975 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113210.D
 Acq: 21 Mar 2019 16:01

Tgt Ion: 172 Resp: 127430
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.4
 170 23.7 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF113210.D

Acq: 21 Mar 2019 16:01

Instrument :

BNA_F

ClientSampleId :

HD-02-032019

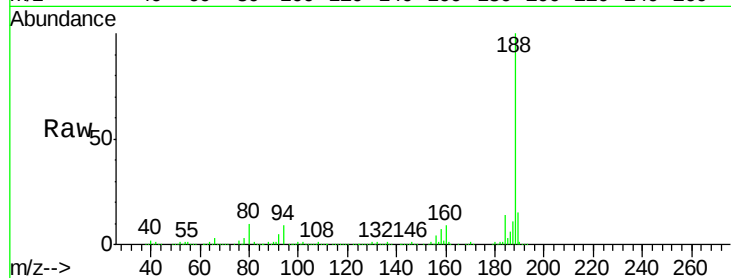
Tgt Ion:188 Resp: 525282

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

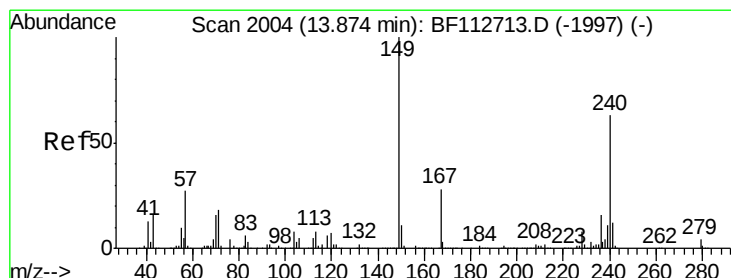
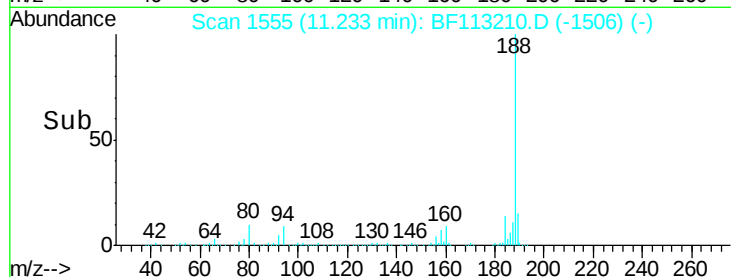
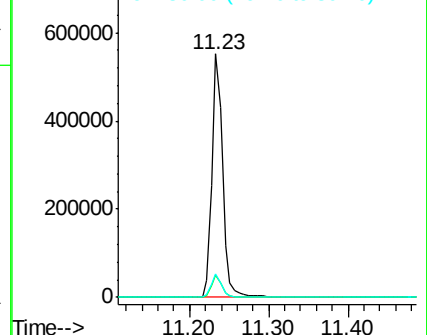
80 9.8 9.2 13.8



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113210.D

Acq: 21 Mar 2019 16:01

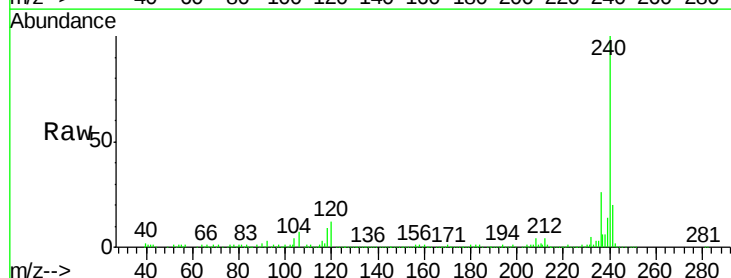
Tgt Ion:240 Resp: 329704

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

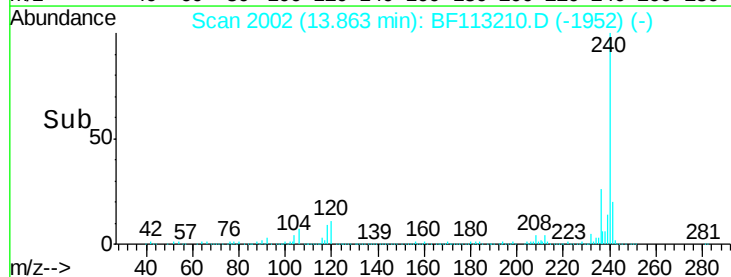
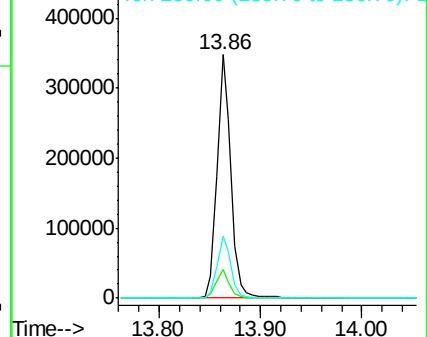
236 25.5 20.7 31.1

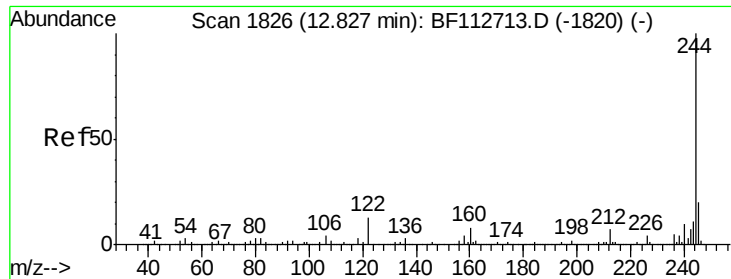


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

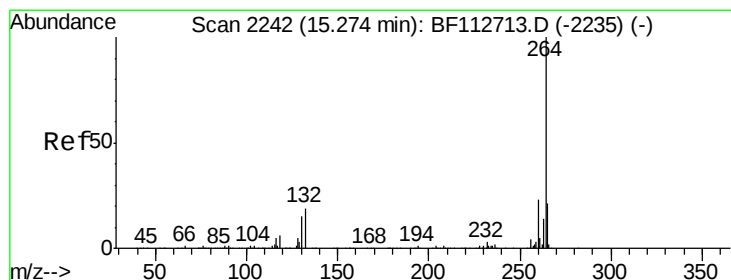
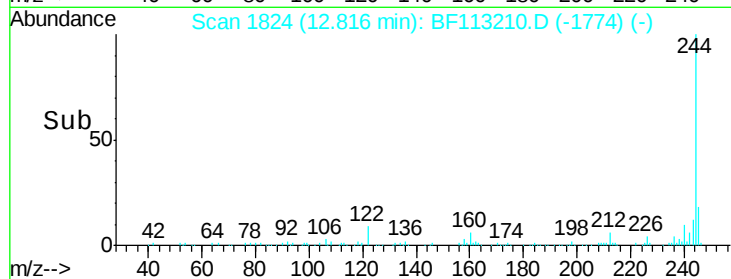
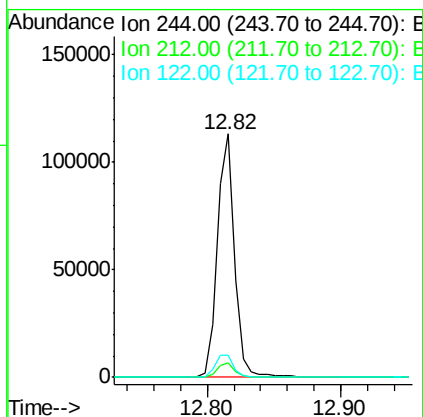
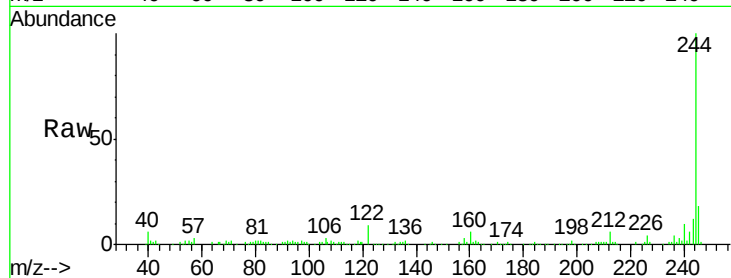




#79
 Terphenyl-d14
 Concen: 6.034 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113210.D
 Acq: 21 Mar 2019 16:01

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-032019

Tgt Ion: 244 Resp: 102626
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.6 8.4
 122 9.0 10.5 15.7#



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113210.D
 Acq: 21 Mar 2019 16:01

Tgt Ion: 264 Resp: 310700
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.9 17.2 25.8

