

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010418\
 Data File : BF101893.D
 Acq On : 4 Jan 2018 16:20
 Operator : SJ/JU
 Sample : J1011-07 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318

Quant Time: Jan 04 17:09:47 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 04 14:22:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114113	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	443843	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	159858	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	236800	20.00	ng	0.00
75) Chrysene-d12	13.97	240	136611	20.00	ng	0.02
86) Perylene-d12	15.47	264	130505	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	74648	9.74	ng	0.04
7) Phenol-d6	6.46	99	106961	11.22	ng	0.04
23) Nitrobenzene-d5	7.36	82	64521	8.09	ng	0.02
41) 2,4,6-Tribromophenol	10.62	330	11599	7.53	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	110061	10.68	ng	0.00
78) Terphenyl-d14	12.89	244	63288	11.17	ng	0.00

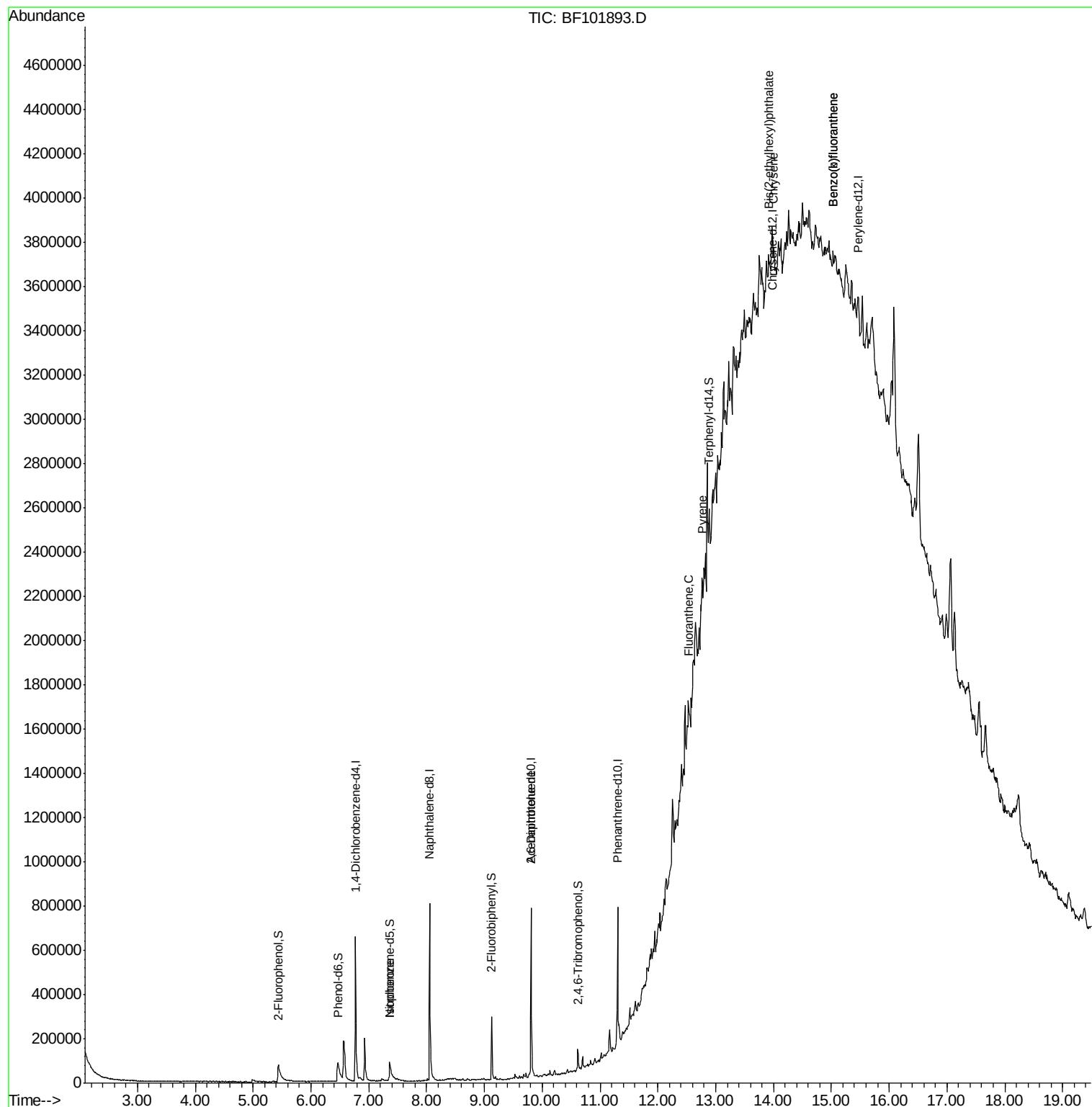
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.36	82	64521	4.034	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	20592	7.879	ng	# 27
74) Fluoranthene	12.53	202	32698	2.366	ng	# 85
77) Pyrene	12.76	202	41592	4.057	ng	# 93
82) Chrysene	14.00	228	17188	2.018	ng	# 70
83) Bis(2-ethylhexyl)phthalate	13.91	149	25748	4.382	ng	# 80
87) Benzo(b)fluoranthene	15.04	252	25670	3.227	ng	# 1
88) Benzo(k)fluoranthene	15.04	252	25670	3.319	ng	# 1

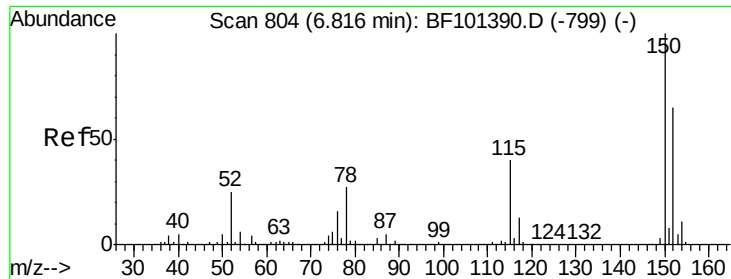
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010418\
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ClientSampleId :
HR-06-010318

Quant Time: Jan 04 17:09:47 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 04 14:22:17 2018
Response via : Initial Calibration



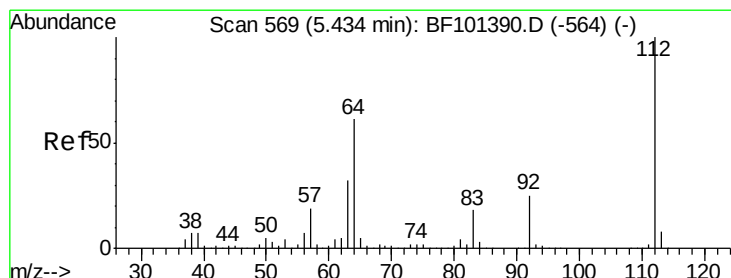
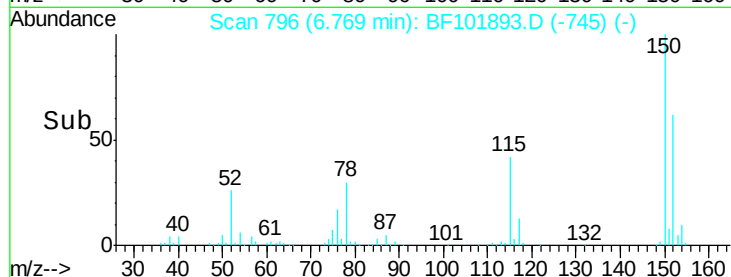
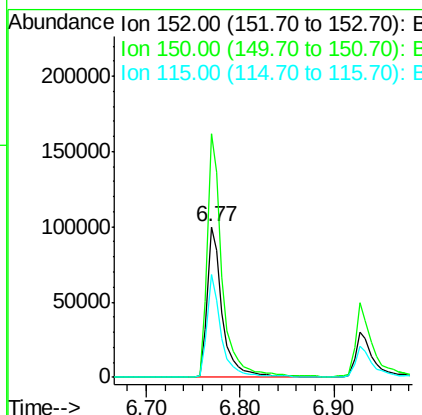
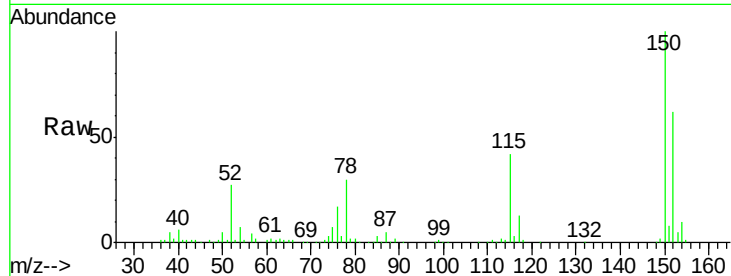


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Instrument :
BNA_F
ClientSampleId :
HR-06-010318

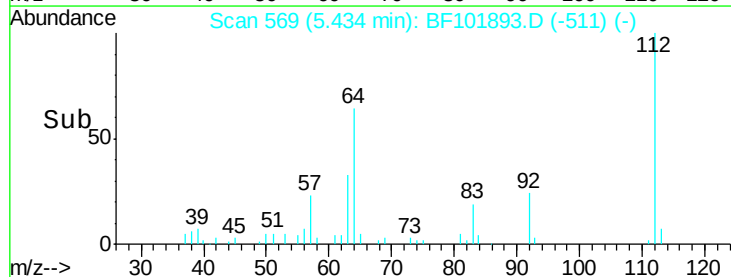
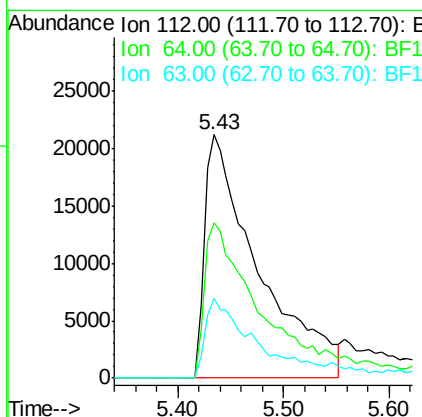
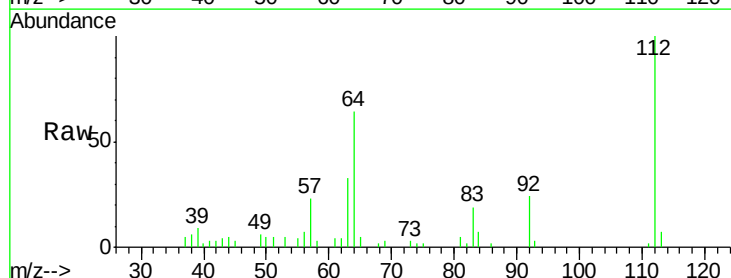
Tgt Ion:152 Resp: 114113
Ion Ratio Lower Upper
152 100
150 161.4 124.6 186.8
115 68.0 50.1 75.1

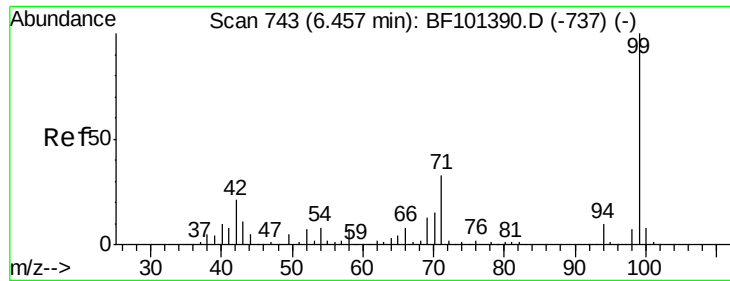


#5

2-Fluorophenol
Concen: 9.744 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.04 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:112 Resp: 74648
Ion Ratio Lower Upper
112 100
64 64.0 47.9 71.9
63 32.6 23.7 35.5





#7

Phenol-d6

Concen: 11.219 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.04 min

Lab File: BF101893.D

Acq: 4 Jan 2018 16:20

Instrument :

BNA_F

ClientSampleId :

HR-06-010318

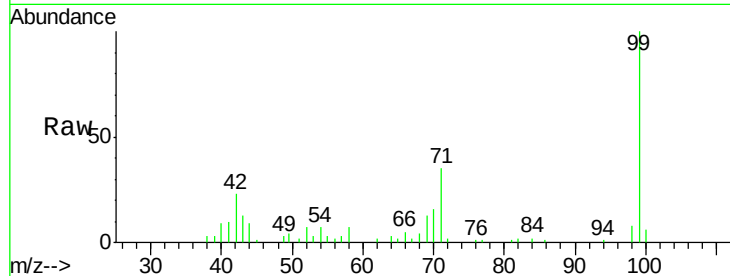
Tgt Ion: 99 Resp: 106961

Ion Ratio Lower Upper

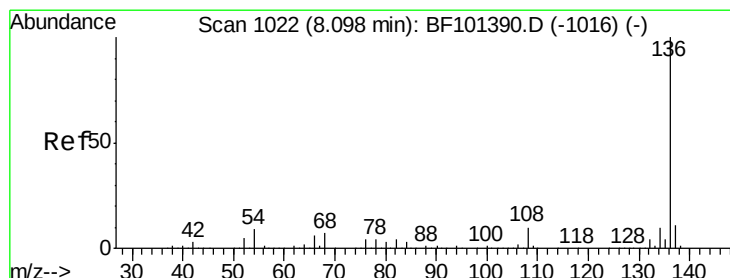
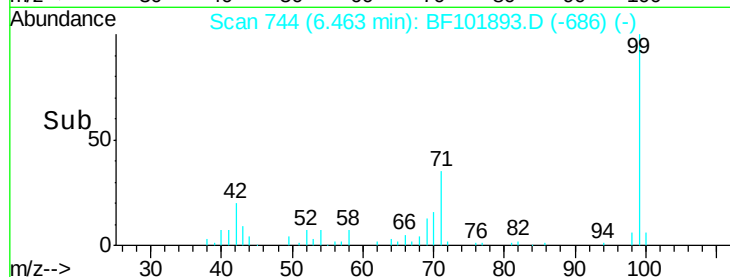
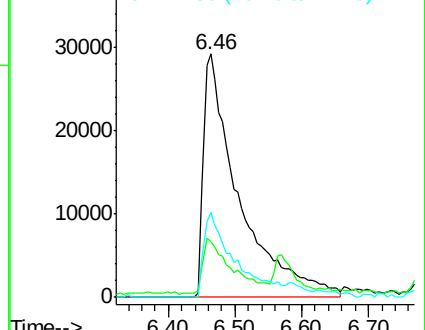
99 100

42 22.8 14.5 21.7#

71 34.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BF101893.D

Acq: 4 Jan 2018 16:20

Tgt Ion: 136 Resp: 443843

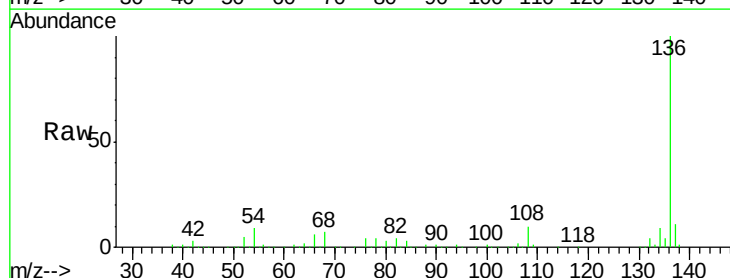
Ion Ratio Lower Upper

136 100

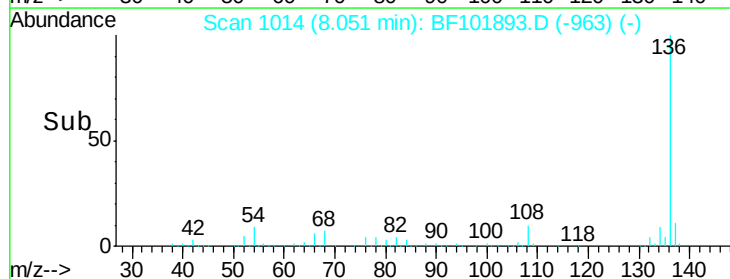
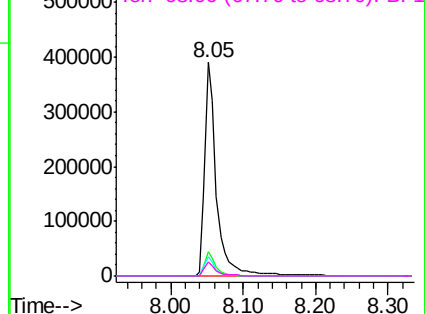
137 11.2 8.9 13.3

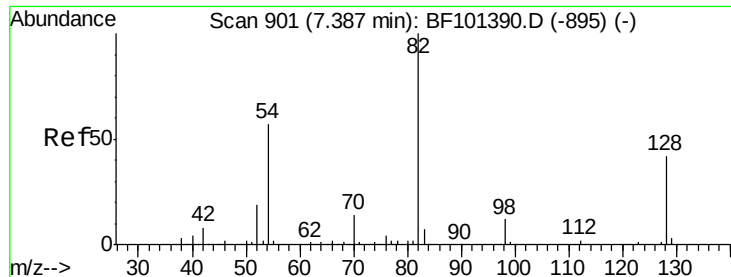
54 9.0 6.6 9.8

68 6.6 5.0 7.4



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

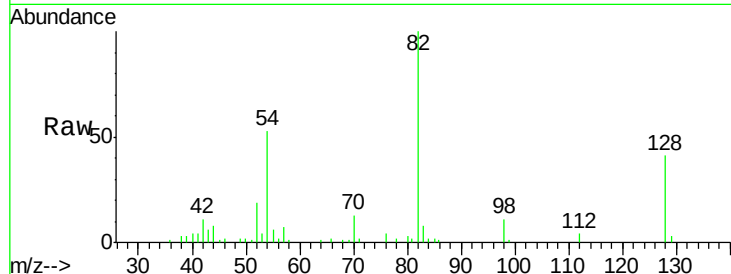




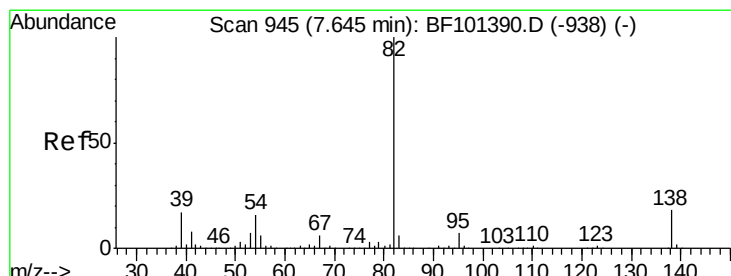
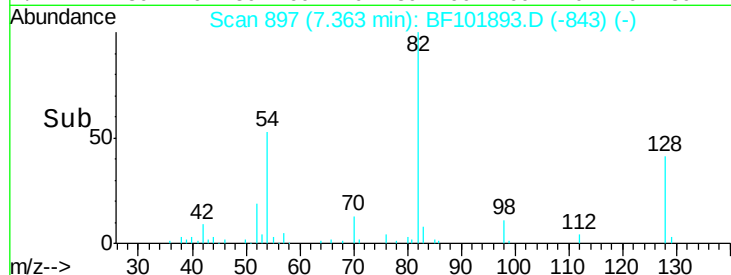
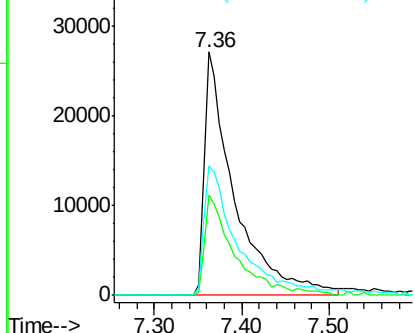
#23
Nitrobenzene-d5
Concen: 8.092 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.02 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Instrument :
BNA_F
ClientSampleId :
HR-06-010318

Tgt Ion: 82 Resp: 64521
Ion Ratio Lower Upper
82 100
128 40.9 36.1 54.1
54 53.4 41.4 62.2

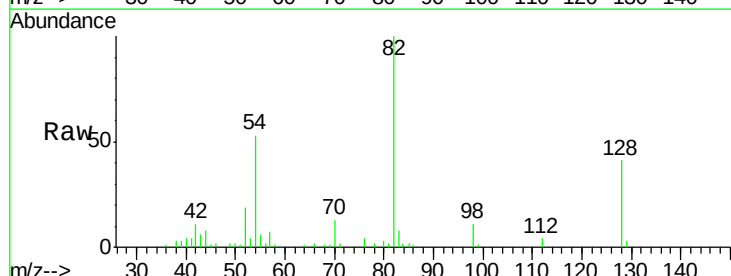


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

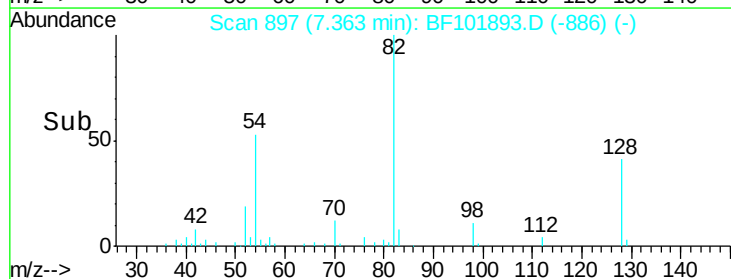
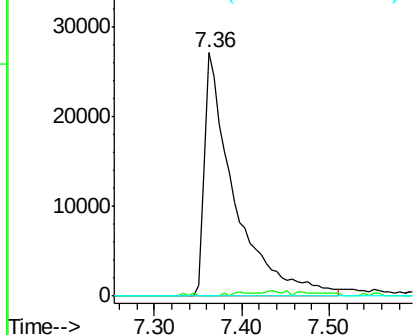


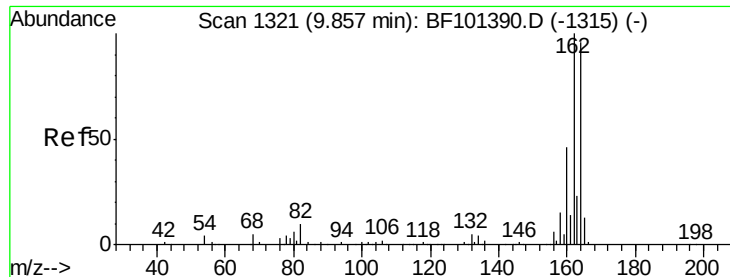
#25
Isophorone
Concen: 4.034 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.24 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion: 82 Resp: 64521
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



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

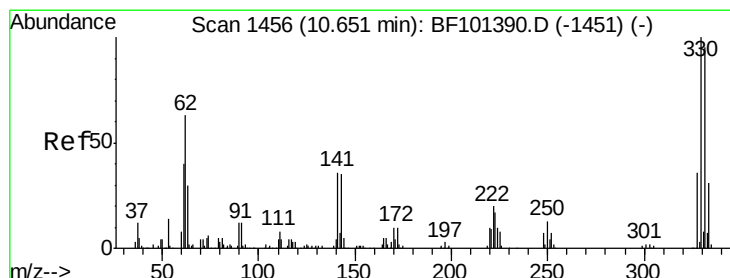
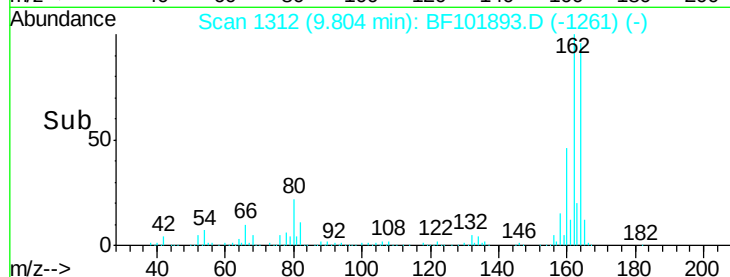
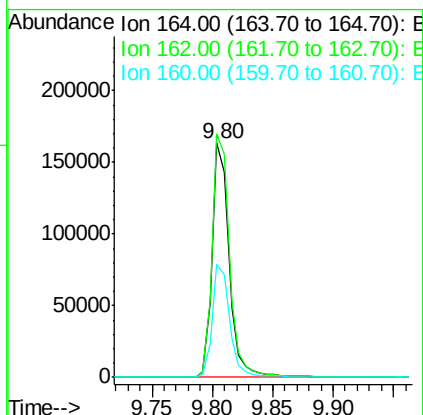
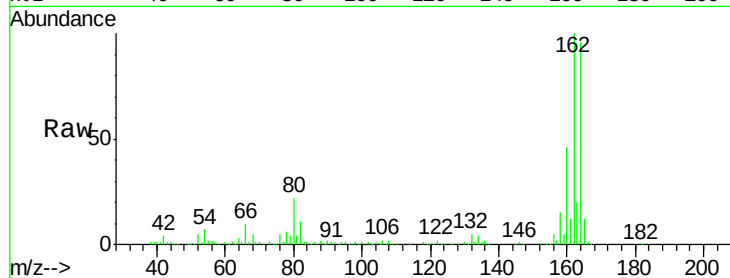




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: BF101893.D
 Acq: 4 Jan 2018 16:20

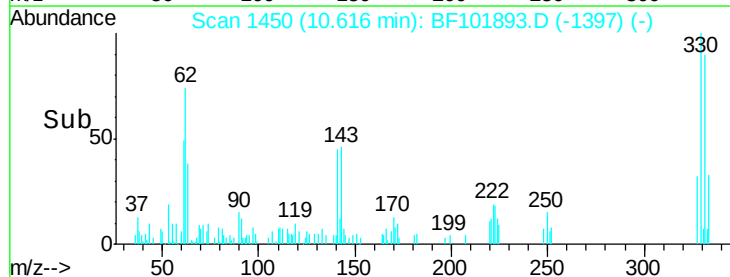
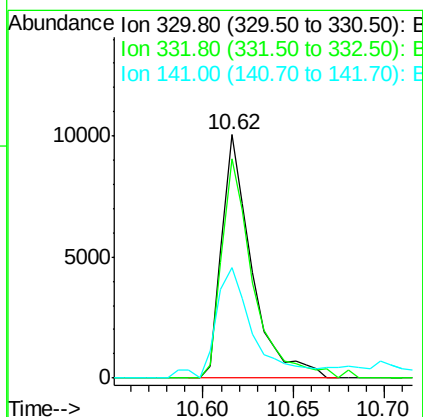
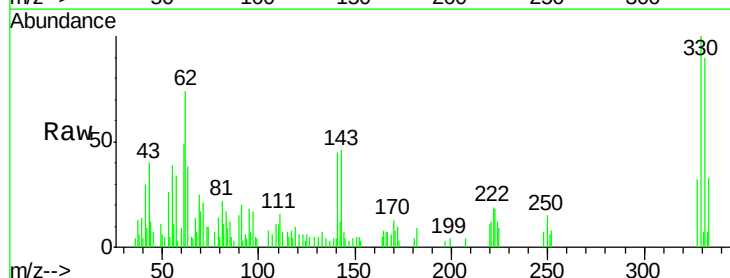
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318

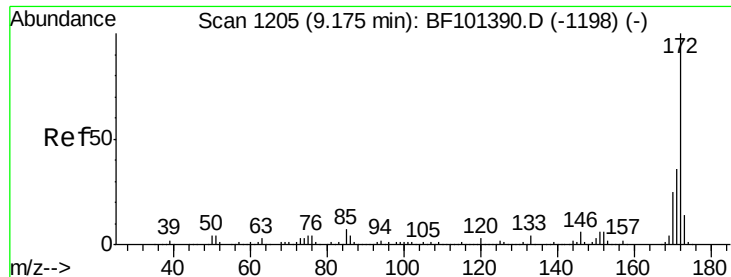
Tgt Ion:164 Resp: 159858
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 48.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 7.530 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.01 min
 Lab File: BF101893.D
 Acq: 4 Jan 2018 16:20

Tgt Ion:330 Resp: 11599
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 57.3 29.9 44.9#

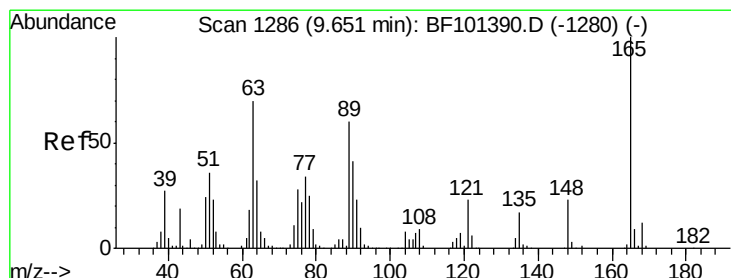
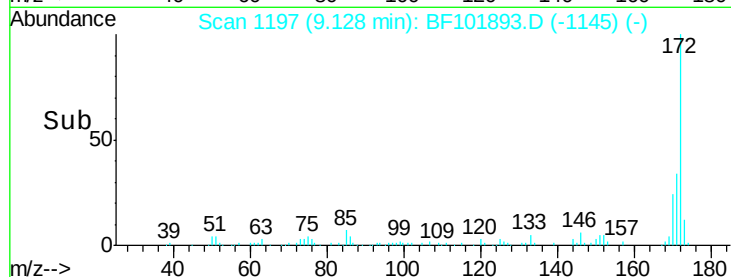
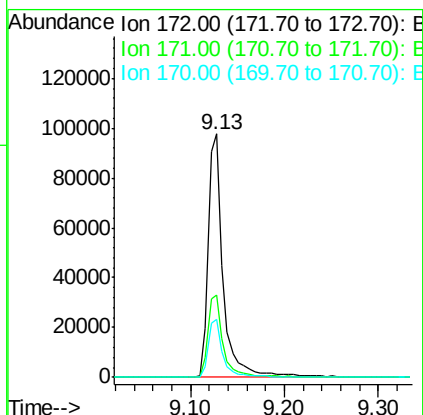
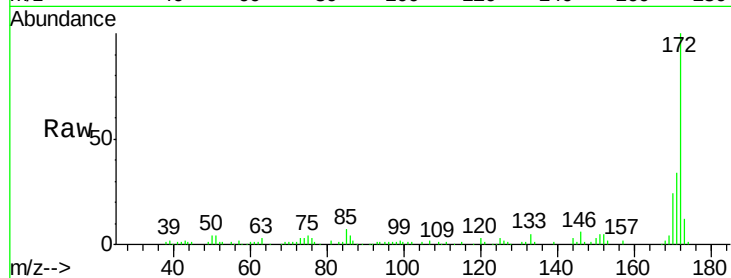




#44
 2-Fluorobiphenyl
 Concen: 10.680 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101893.D
 Acq: 4 Jan 2018 16:20

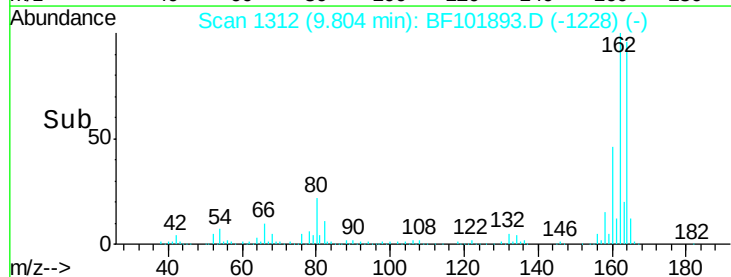
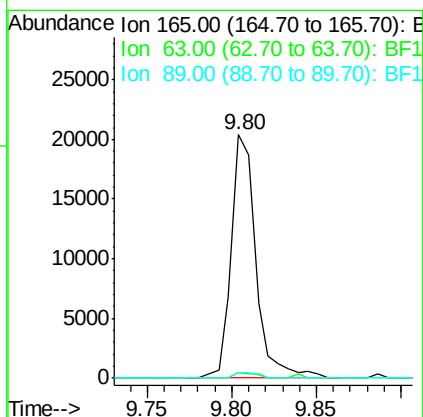
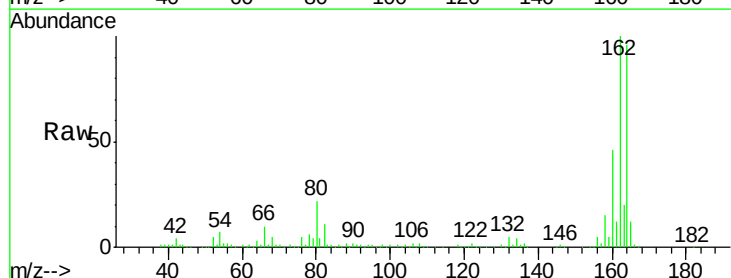
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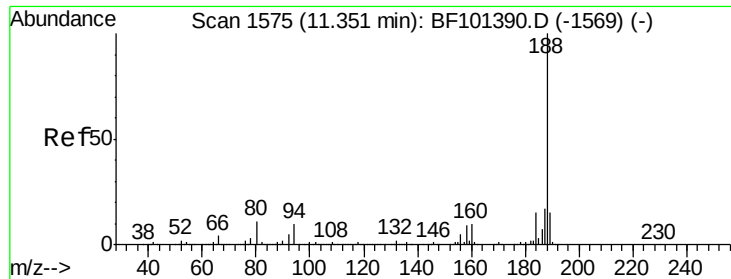
Tgt Ion:172 Resp: 110061
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.7 44.5
 170 23.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.879 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF101893.D
 Acq: 4 Jan 2018 16:20

Tgt Ion:165 Resp: 20592
 Ion Ratio Lower Upper
 165 100
 63 2.1 44.7 67.1#
 89 2.4 44.0 66.0#

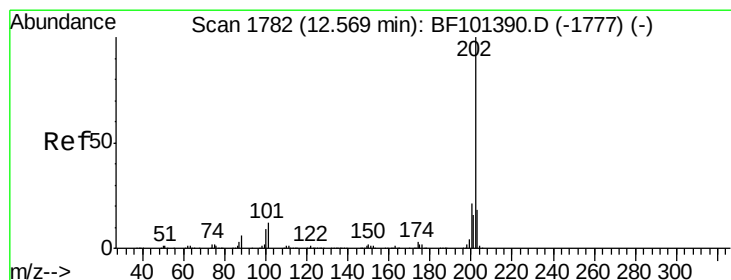
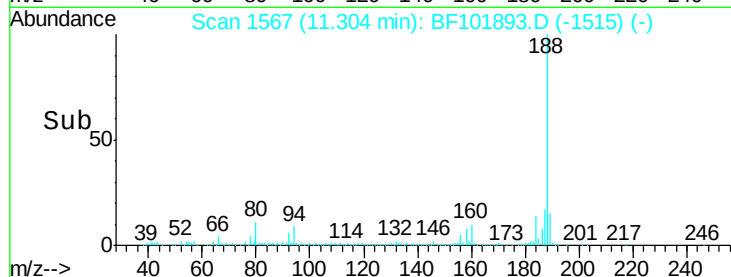
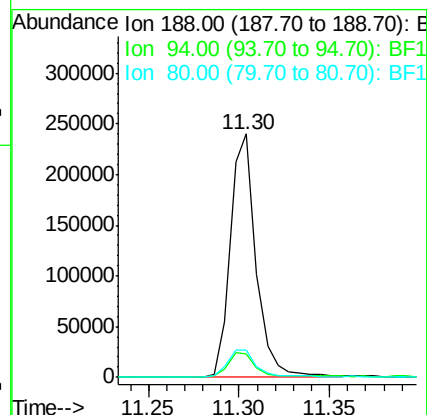
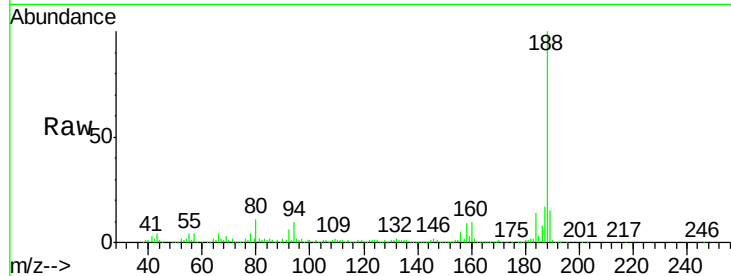




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. 0.01 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

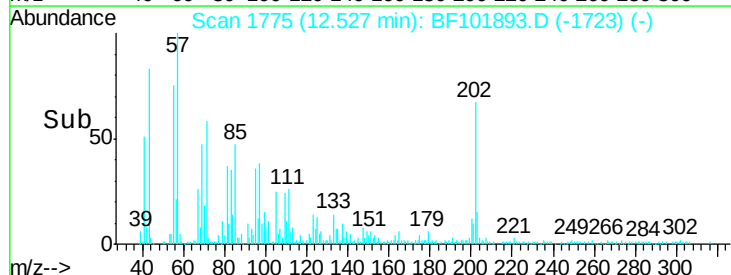
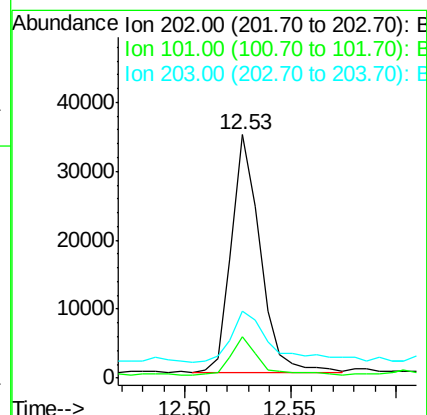
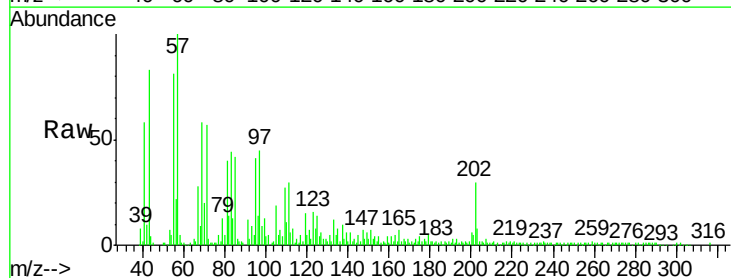
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HR-06-010318

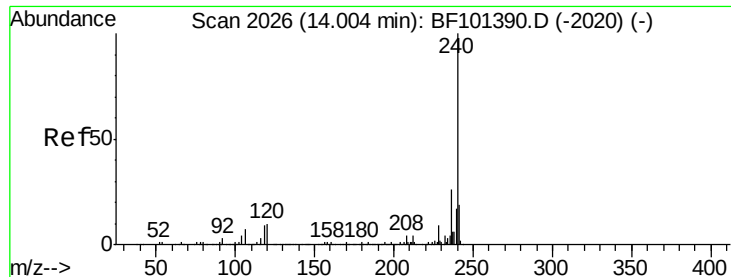
Tgt Ion:188 Resp: 236800
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 11.0 9.2 13.8



#74
Fluoranthene
Concen: 2.366 ng
RT: 12.53 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:202 Resp: 32698
Ion Ratio Lower Upper
202 100
101 17.0 0.0 34.1
203 27.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.02 min

Lab File: BF101893.D

Acq: 4 Jan 2018 16:20

Instrument :

BNA_F

ClientSampleId :

HR-06-010318

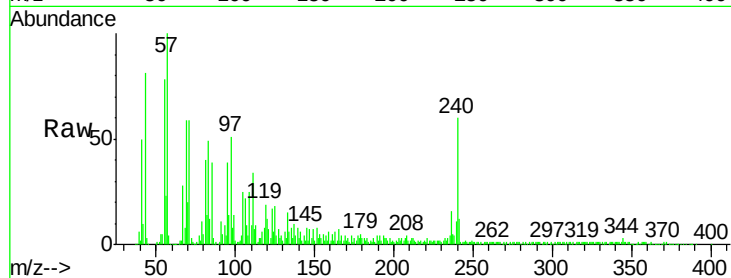
Tgt Ion:240 Resp: 136611

Ion Ratio Lower Upper

240 100

120 20.1 9.5 14.3#

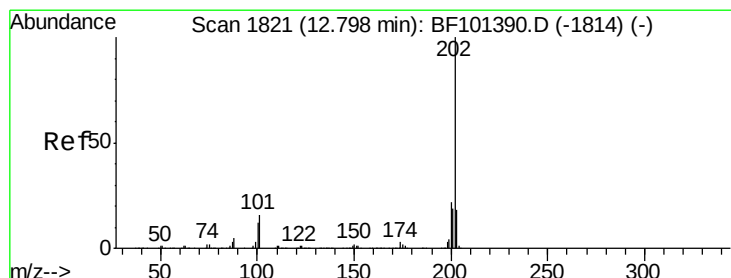
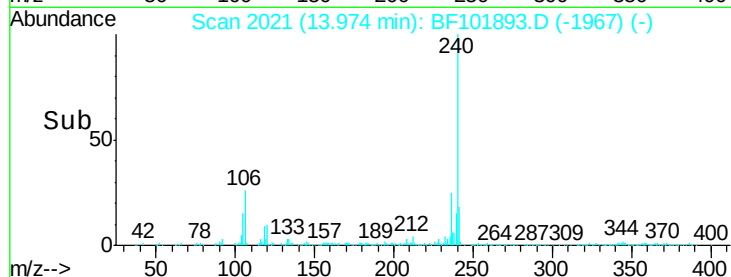
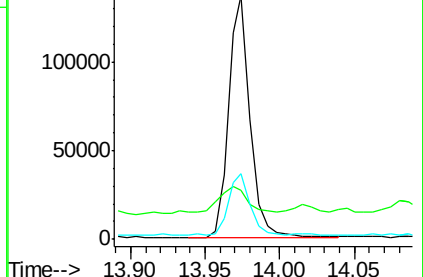
236 27.1 20.7 31.1



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



#77

Pyrene

Concen: 4.057 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF101893.D

Acq: 4 Jan 2018 16:20

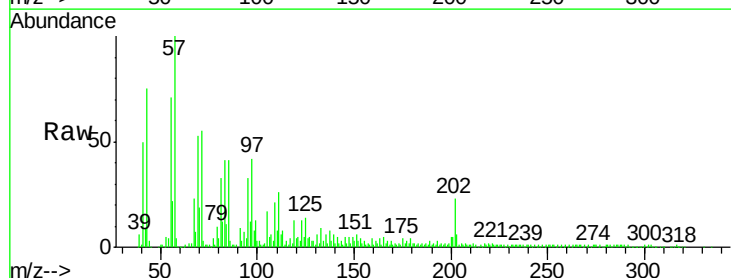
Tgt Ion:202 Resp: 41592

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

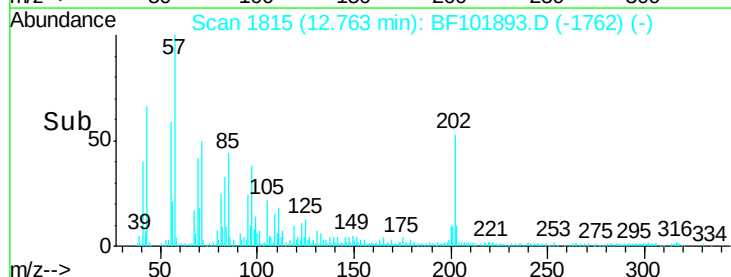
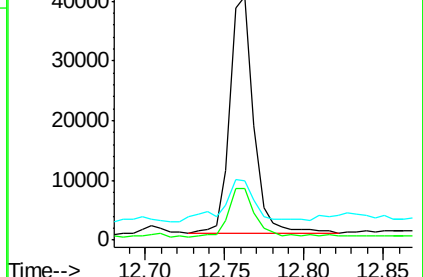
203 24.6 14.3 21.5#

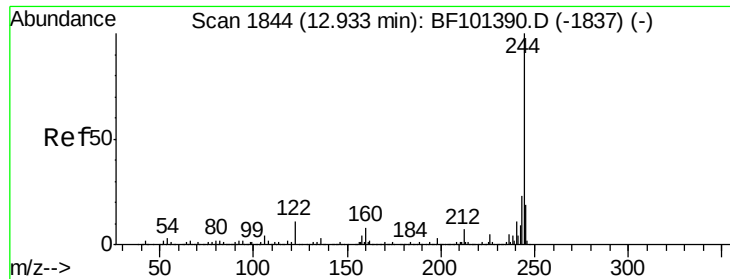


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 11.168 ng

RT: 12.89 min Scan# 1836

Delta R.T. 0.01 min

Lab File: BF101893.D

Acq: 4 Jan 2018 16:20

Instrument :

BNA_F

ClientSampleId :

HR-06-010318

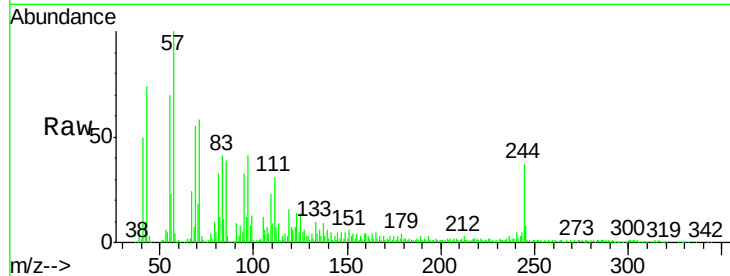
Tgt Ion:244 Resp: 63288

Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

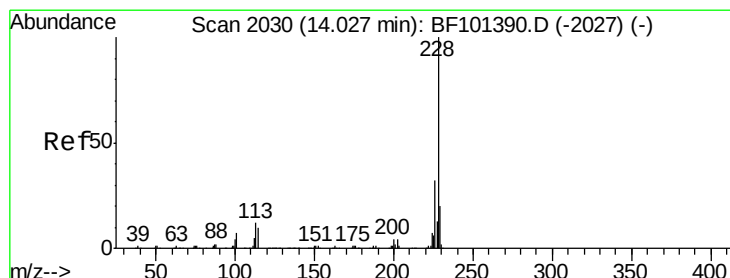
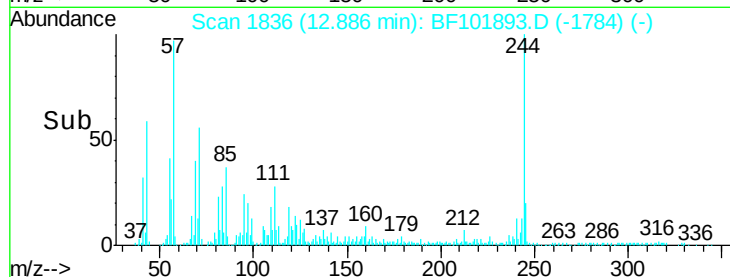
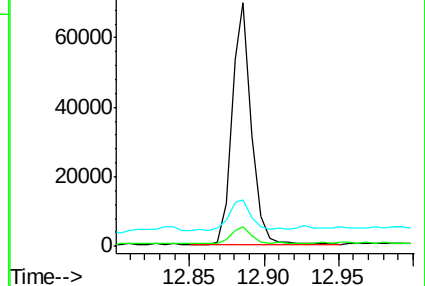
122 19.0 11.0 16.4#



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



#82

Chrysene

Concen: 2.018 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.02 min

Lab File: BF101893.D

Acq: 4 Jan 2018 16:20

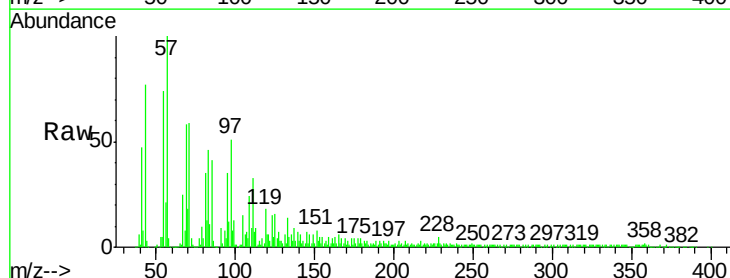
Tgt Ion:228 Resp: 17188

Ion Ratio Lower Upper

228 100

226 40.3 25.0 37.6#

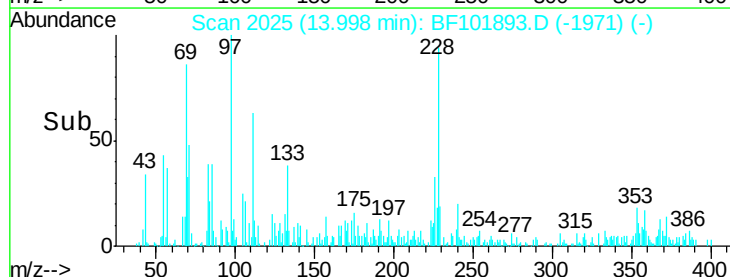
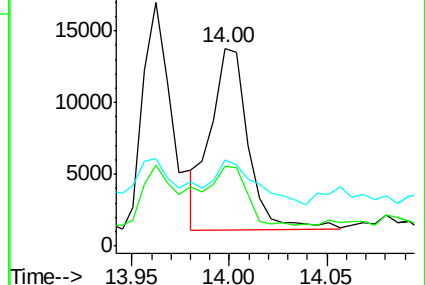
229 43.8 16.2 24.4#

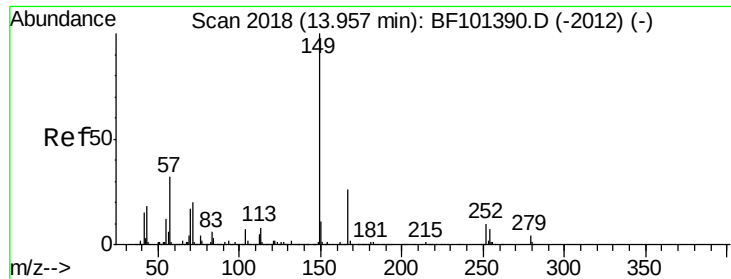


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

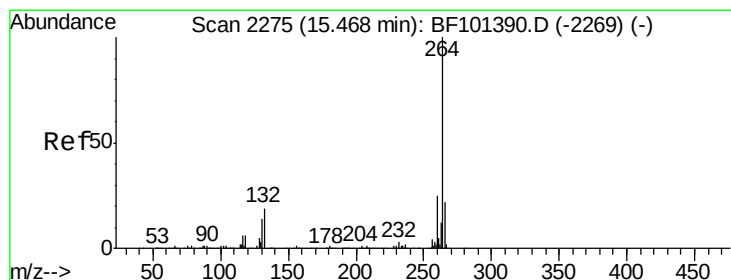
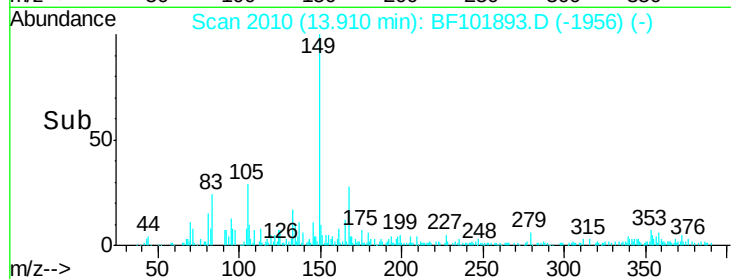
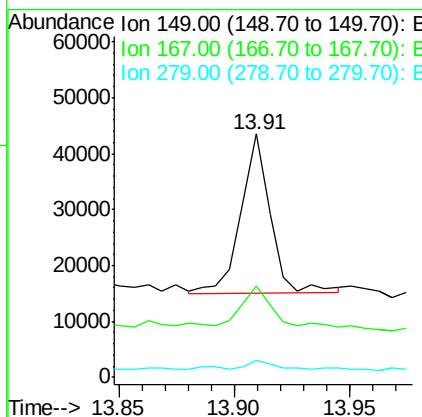
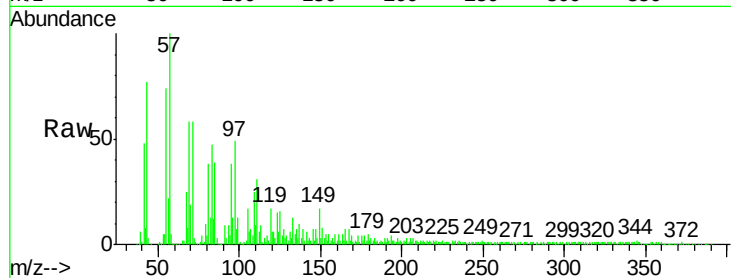




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.382 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.02 min
 Lab File: BF101893.D
 Acq: 4 Jan 2018 16:20

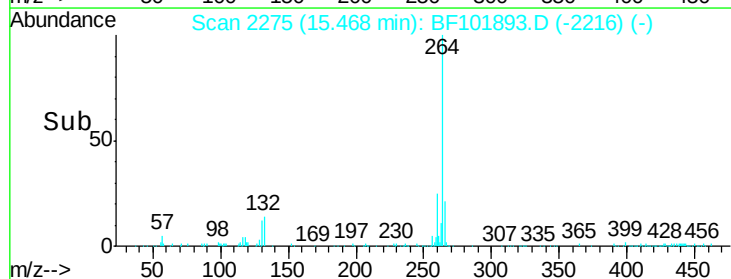
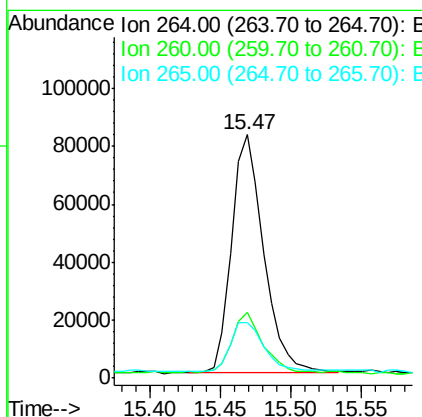
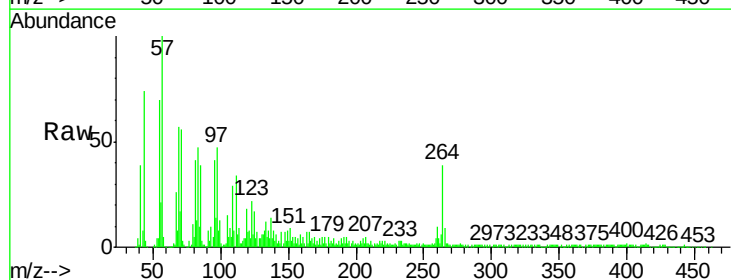
Instrument :
 BNA_F
 ClientSampleId :
 HR-06-010318

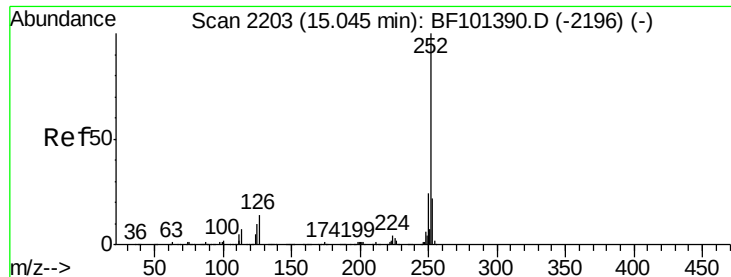
Tgt Ion:149 Resp: 25748
 Ion Ratio Lower Upper
 149 100
 167 37.5 21.3 31.9#
 279 6.9 3.0 4.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. 0.05 min
 Lab File: BF101893.D
 Acq: 4 Jan 2018 16:20

Tgt Ion:264 Resp: 130505
 Ion Ratio Lower Upper
 264 100
 260 26.8 19.2 28.8
 265 23.0 17.5 26.3

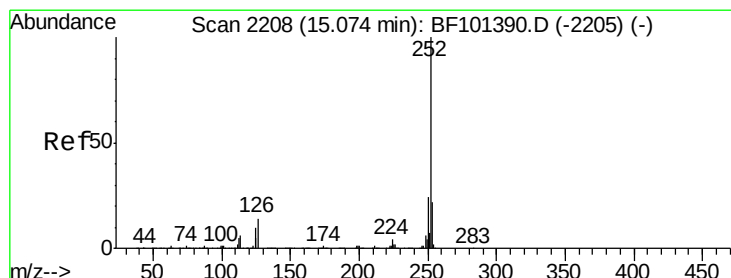
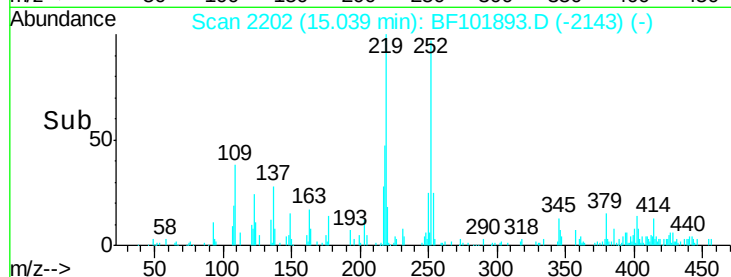
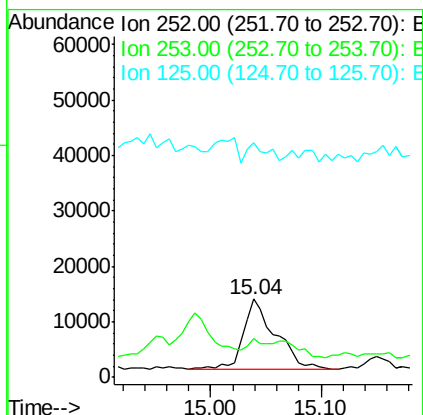
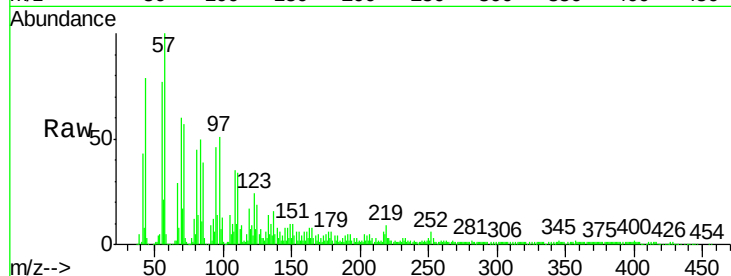




#87
Benzo(b)fluoranthene
Concen: 3.227 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.05 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Instrument :
BNA_F
ClientSampleId :
HR-06-010318

Tgt Ion:252 Resp: 25670
Ion Ratio Lower Upper
252 100
253 50.1 17.0 25.6#
125 298.9 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 3.319 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BF101893.D
Acq: 4 Jan 2018 16:20

Tgt Ion:252 Resp: 25670
Ion Ratio Lower Upper
252 100
253 50.1 17.9 26.9#
125 298.9 10.2 15.2#

