

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101519.D
 Acq On : 19 Dec 2017 13:50
 Operator : SJ/JU
 Sample : PB105116BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BL

Quant Time: Dec 19 15:04:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130640	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	521387	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	239052	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	477387	20.00	ng	0.00
75) Chrysene-d12	13.99	240	353373	20.00	ng	0.00
86) Perylene-d12	15.46	264	257195	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1001930	114.24	ng	0.02
7) Phenol-d6	6.46	99	1215944	111.40	ng	0.00
23) Nitrobenzene-d5	7.37	82	776142	82.86	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	267892	116.30	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1383735	89.79	ng	0.00
78) Terphenyl-d14	12.93	244	1360433	92.81	ng	0.00

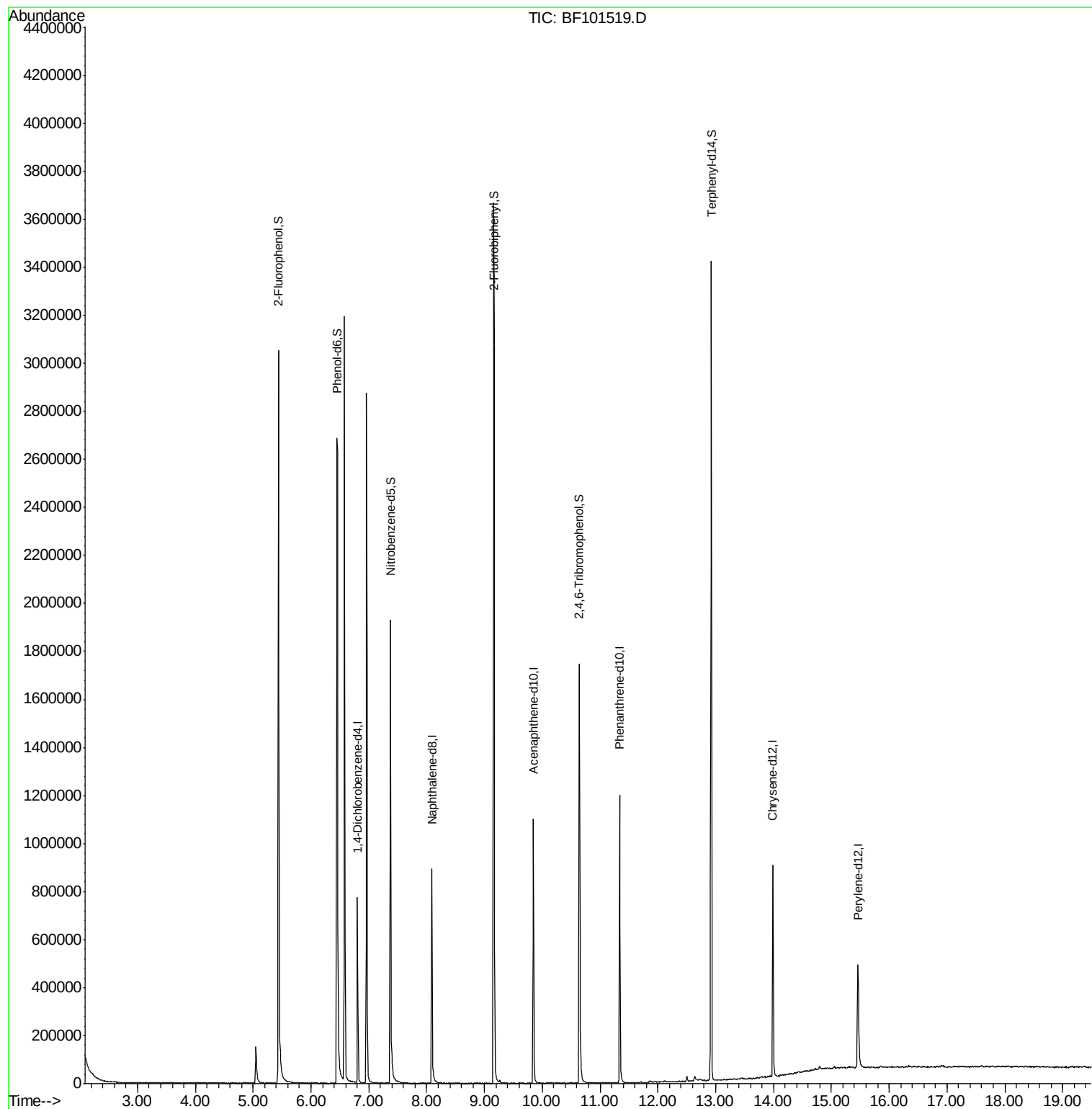
Target Compounds Qvalue

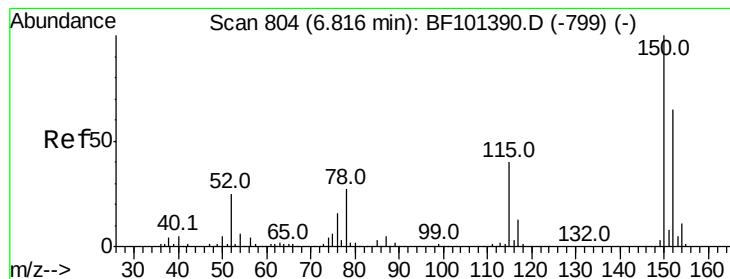
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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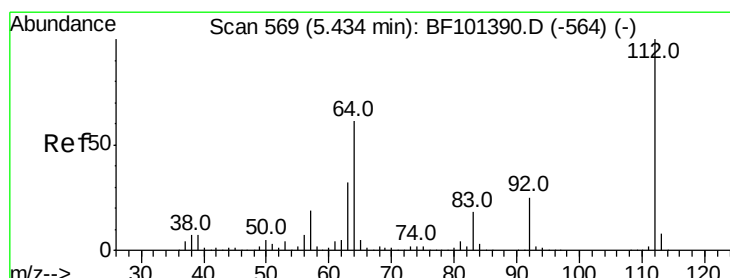
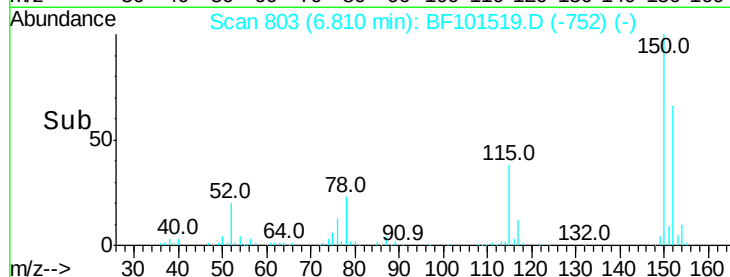
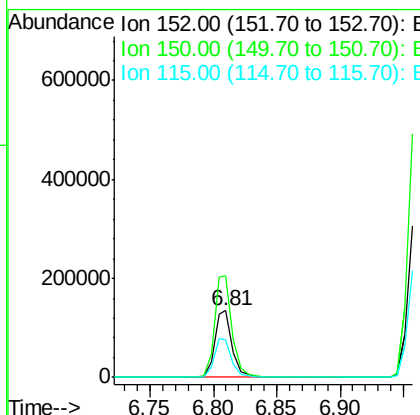
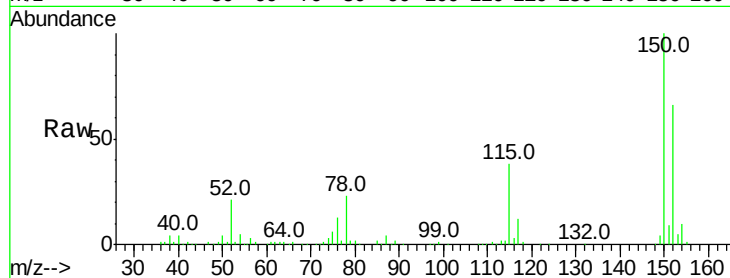


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. -0.00 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BL

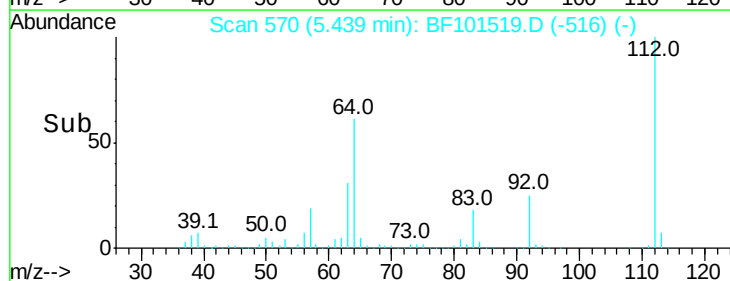
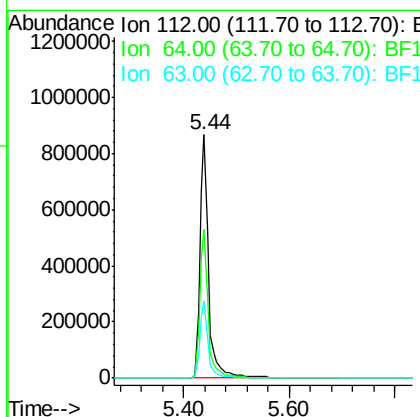
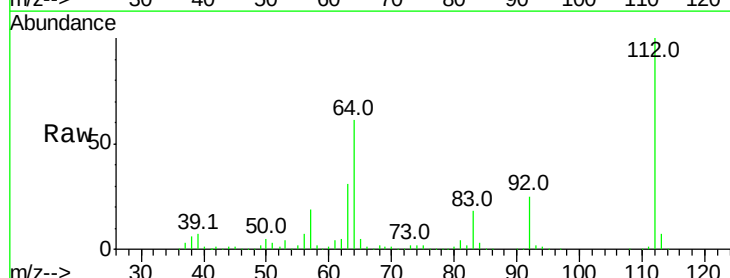
Tot Ion:152 Resp: 130640
 Ion Ratio Lower Upper
 152 100
 150 152.0 124.6 186.8
 115 57.0 50.1 75.1

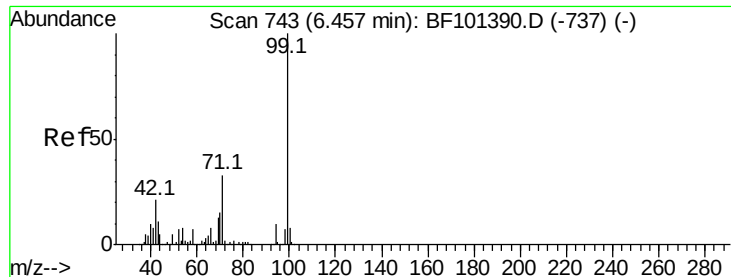


#5

2-Fluorophenol
 Concen: 114.242 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Tgt Ion:112 Resp: 1001930
 Ion Ratio Lower Upper
 112 100
 64 61.0 47.9 71.9
 63 31.5 23.7 35.5





#7

Phenol-d6

Concen: 111.402 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101519.D

Acq: 19 Dec 2017 13:50

Instrument :

BNA_F

ClientSampleId :

PB105116BL

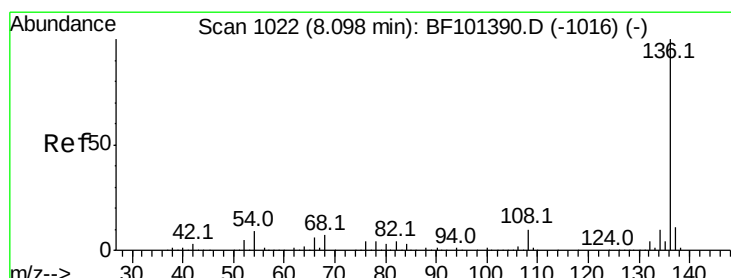
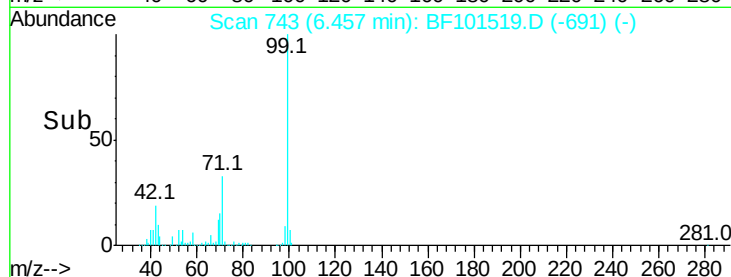
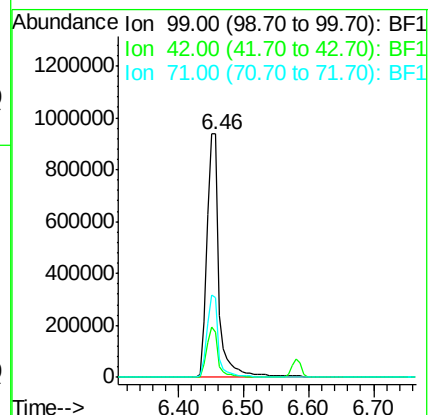
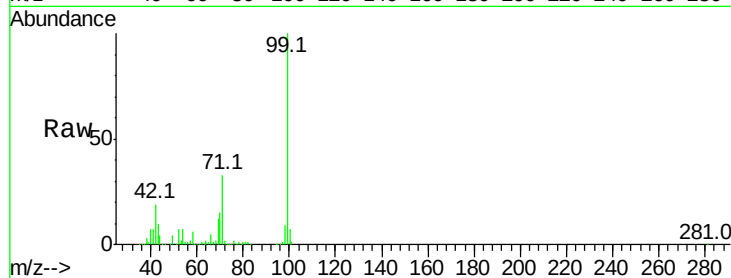
Tot Ion: 99 Resp: 1215944

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF101519.D

Acq: 19 Dec 2017 13:50

Tgt Ion: 136 Resp: 521387

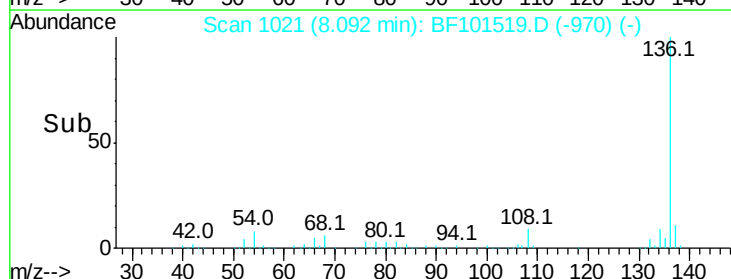
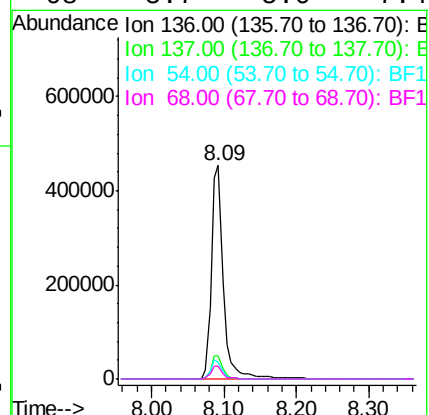
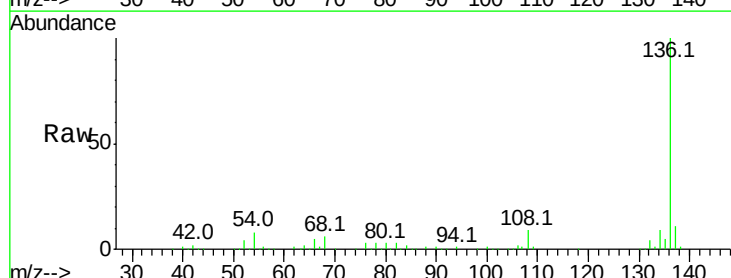
Ion Ratio Lower Upper

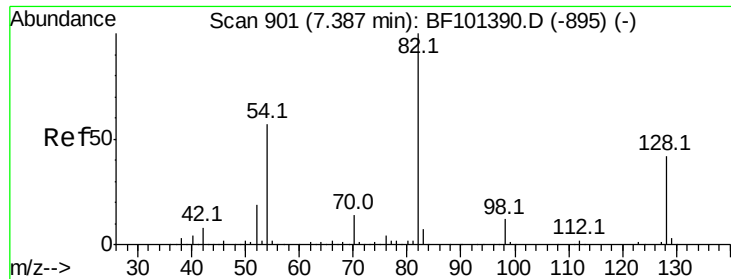
136 100

137 10.6 8.9 13.3

54 8.0 6.6 9.8

68 5.7 5.0 7.4

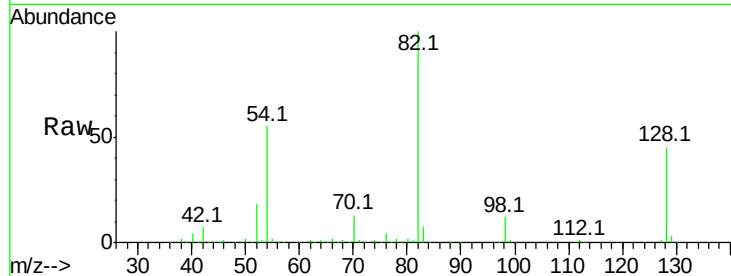




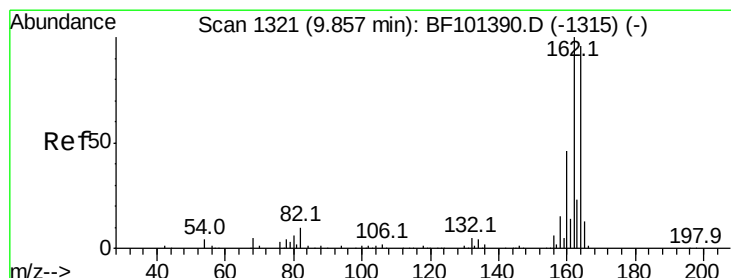
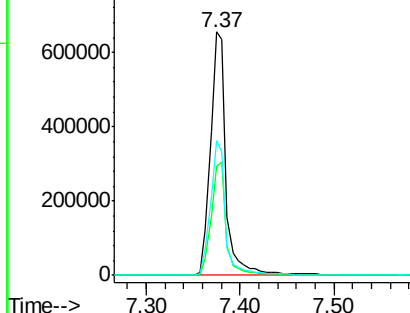
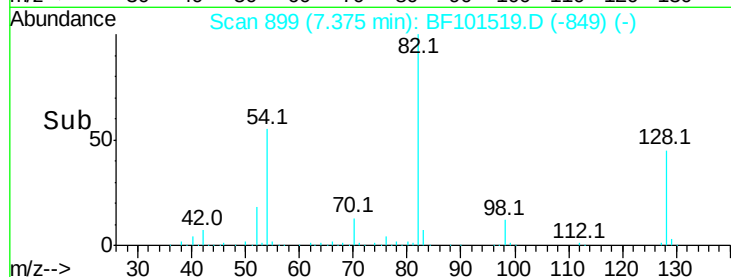
#23
 Nitrobenzene-d5
 Concen: 82.865 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BL

Tot Ion: 82 Resp: 776142
 Ion Ratio Lower Upper
 82 100
 128 44.8 36.1 54.1
 54 55.1 41.4 62.2

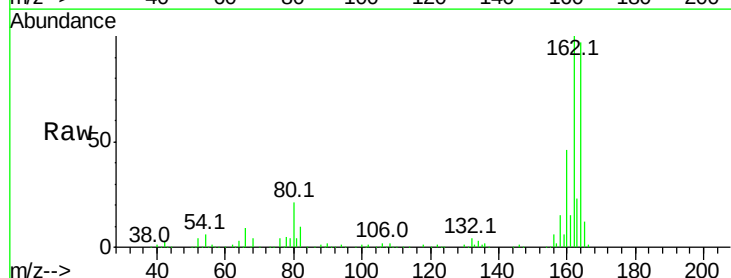


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

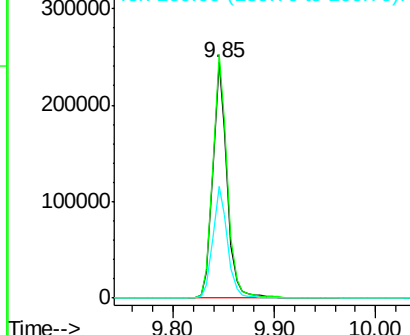
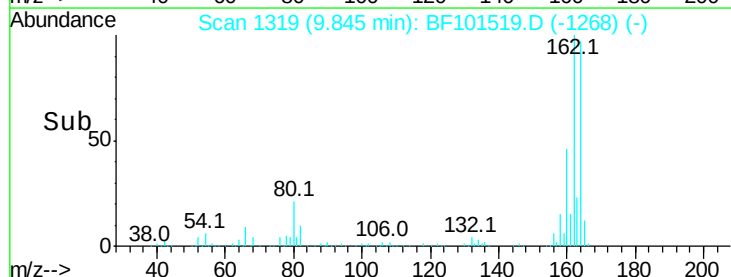


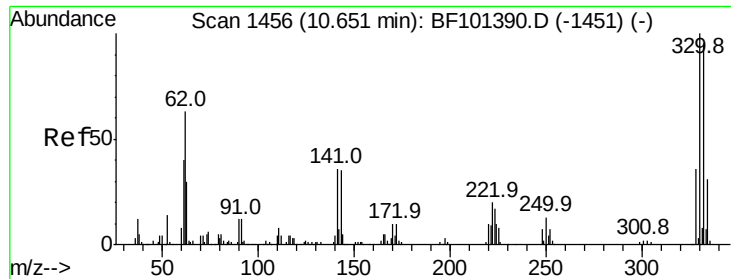
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Tgt Ion:164 Resp: 239052
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 47.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

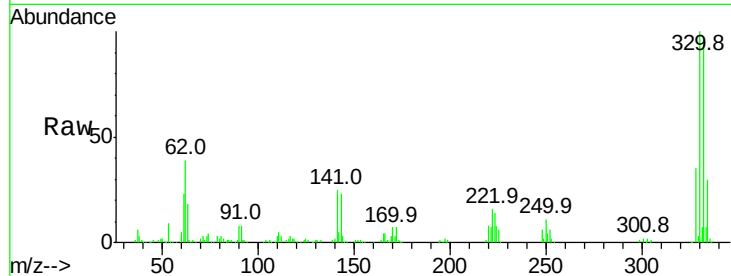




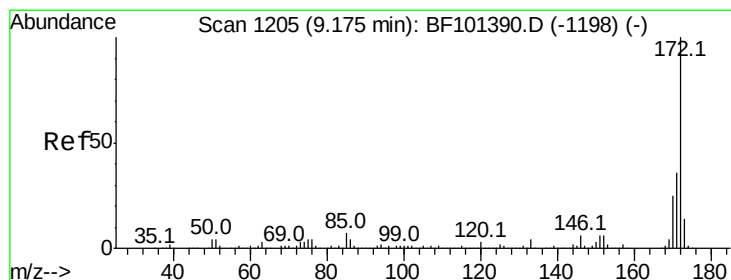
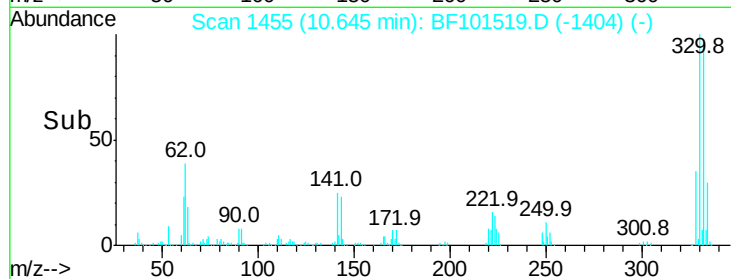
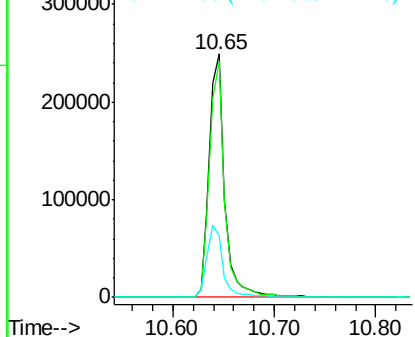
#41
 2,4,6-Tribromophenol
 Concen: 116.300 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BL

Tot Ion:330 Resp: 267892
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 30.6 29.9 44.9

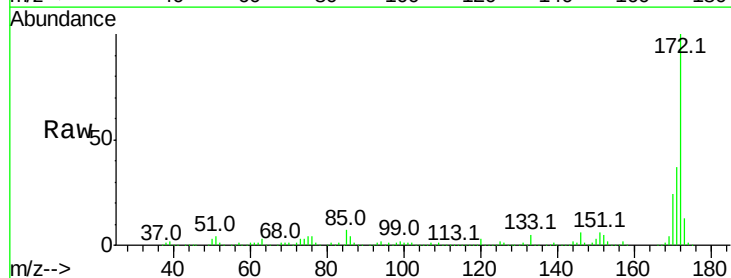


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

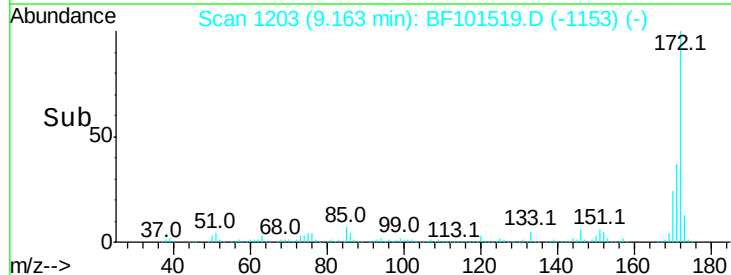
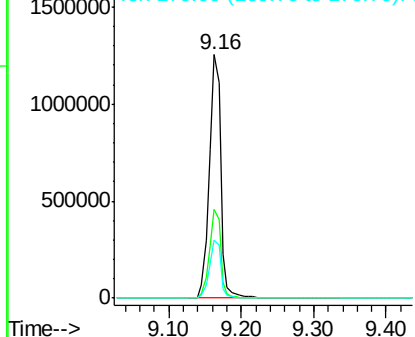


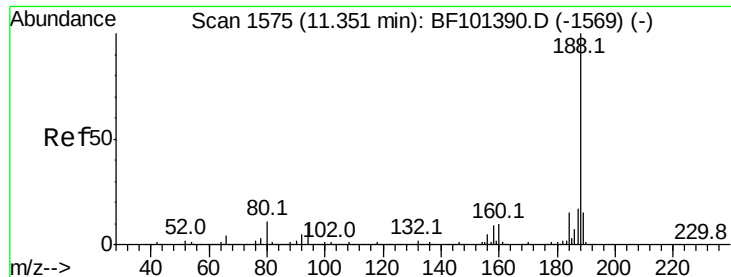
#44
 2-Fluorobiphenyl
 Concen: 89.792 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Tgt Ion:172 Resp: 1383735
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.1 19.6 29.4



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

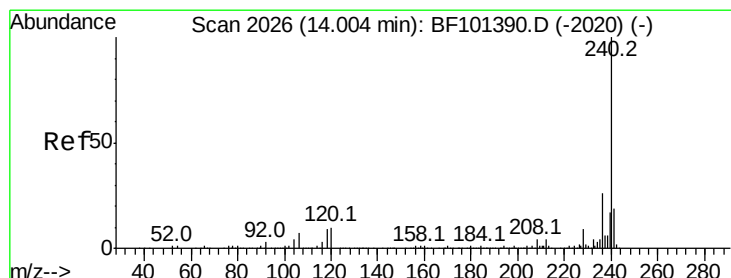
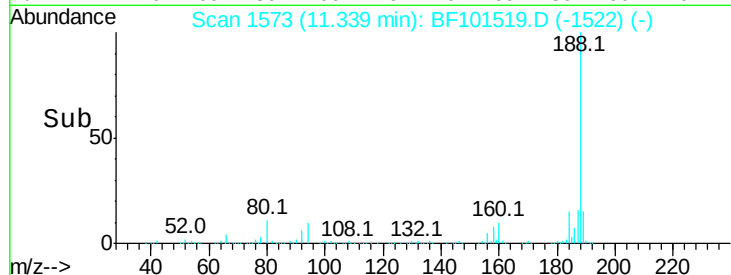
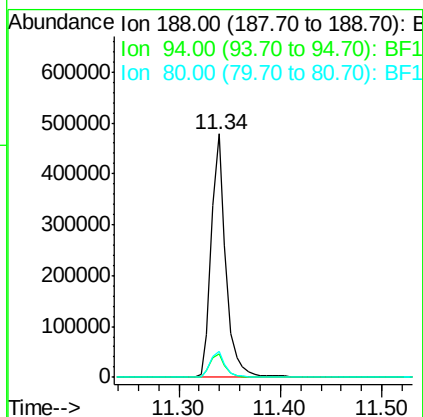
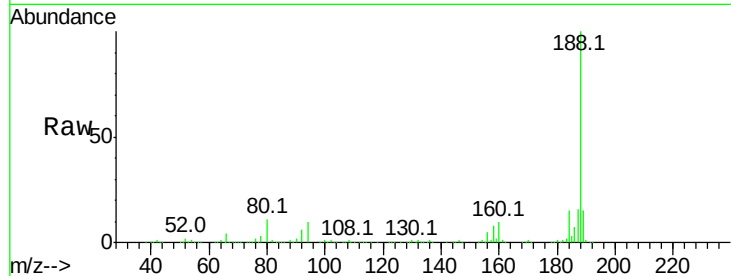




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101519.D
Acq: 19 Dec 2017 13:50

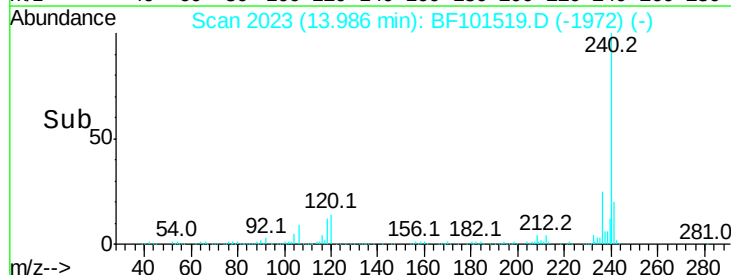
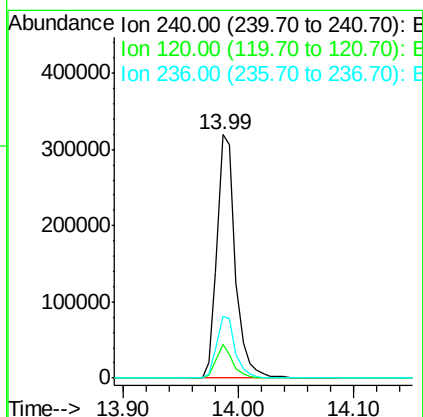
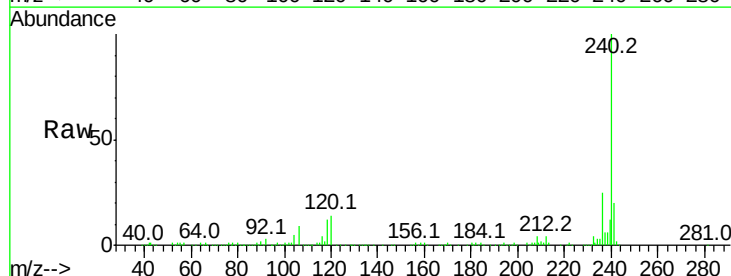
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ClientSampleId :
PB105116BL

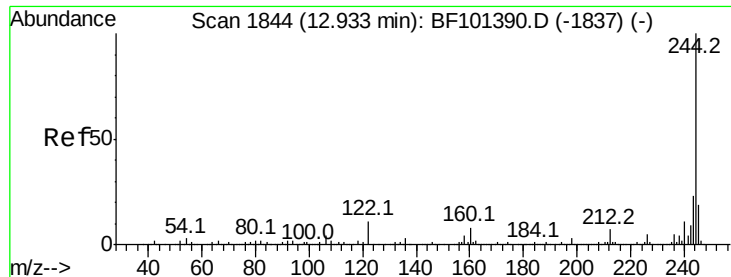
Tot Ion:188 Resp: 477387
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.8 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101519.D
Acq: 19 Dec 2017 13:50

Tgt Ion:240 Resp: 353373
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.4 20.7 31.1

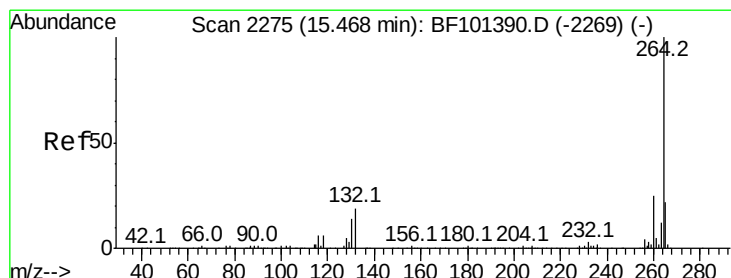
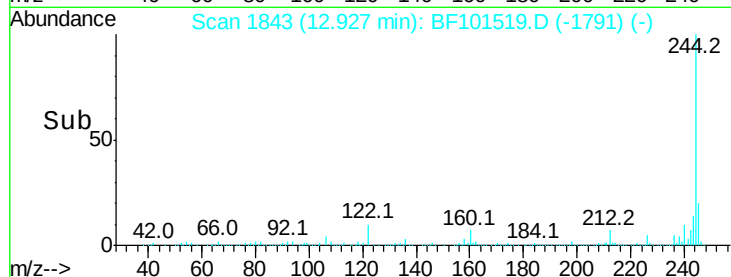
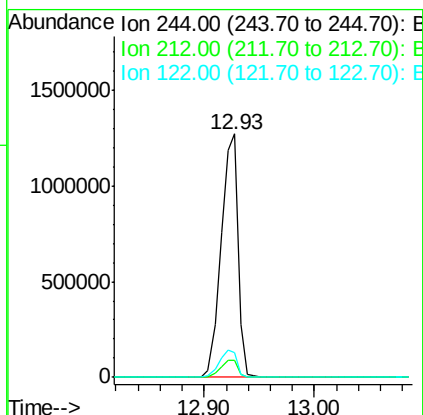
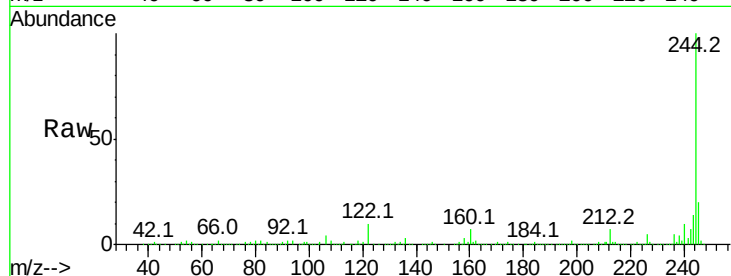




#78
 Terphenyl-d14
 Concen: 92.811 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BL

Tot Ion:244 Resp: 1360433
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 10.0 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF101519.D
 Acq: 19 Dec 2017 13:50

Tgt Ion:264 Resp: 257195
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.2 17.5 26.3

