

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010418\
 Data File : BF101888.D
 Acq On : 4 Jan 2018 14:04
 Operator : SJ/JU
 Sample : PB105475BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105475BL

Quant Time: Jan 04 14:50:40 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	114300	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	460191	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	211401	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	381493	20.00	ng	0.00
75) Chrysene-d12	13.96	240	215769	20.00	ng	0.00
86) Perylene-d12	15.42	264	238528	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	740023	96.44	ng	0.01
7) Phenol-d6	6.42	99	896401	93.87	ng	0.00
23) Nitrobenzene-d5	7.34	82	545842	66.03	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	160121	78.61	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	955080	70.08	ng	0.00
78) Terphenyl-d14	12.88	244	747206	83.48	ng	0.00

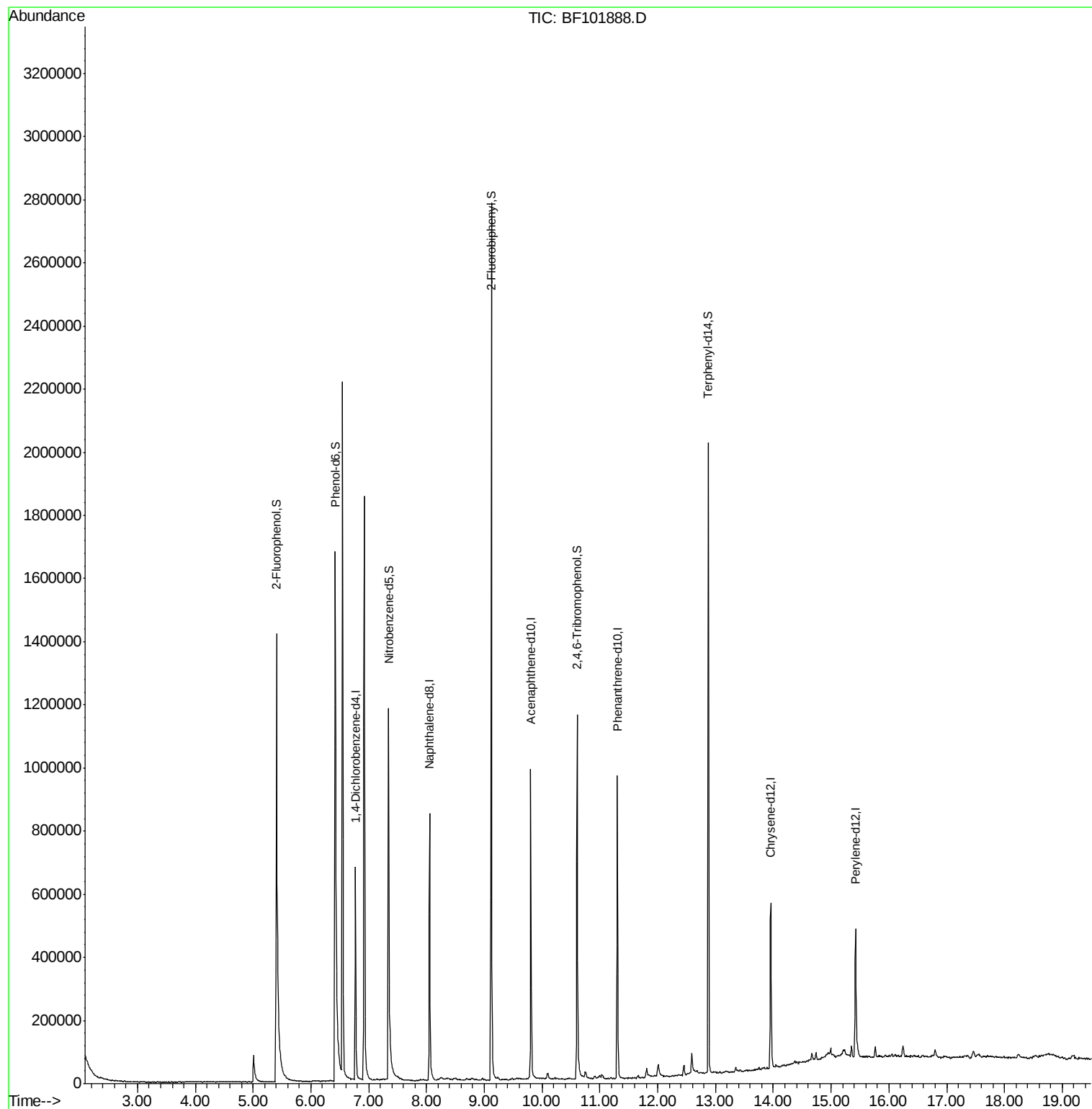
Target Compounds Qvalue

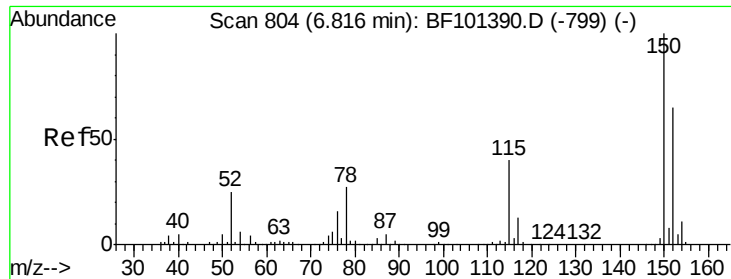
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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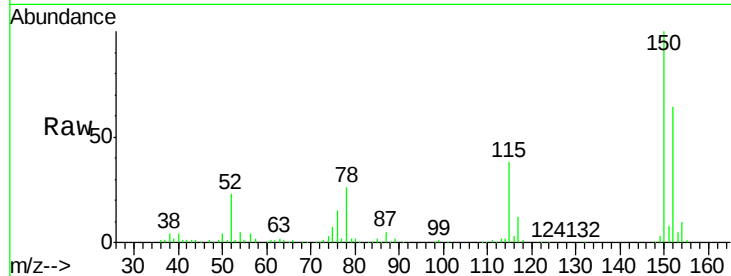


#1

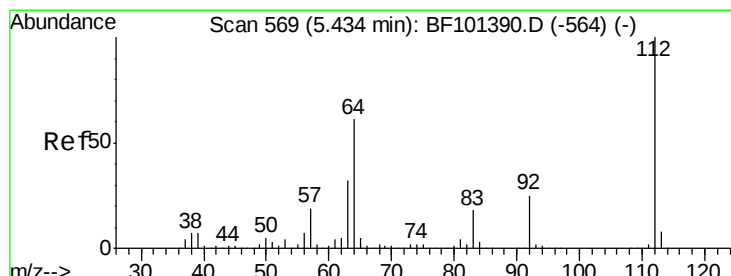
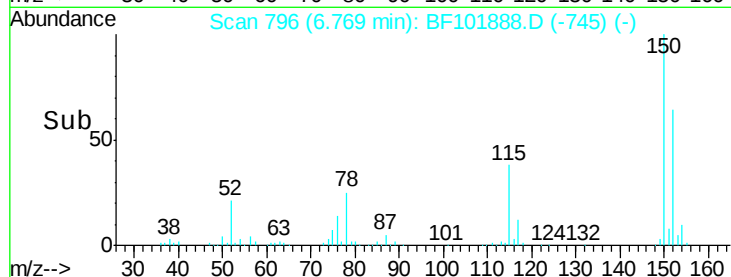
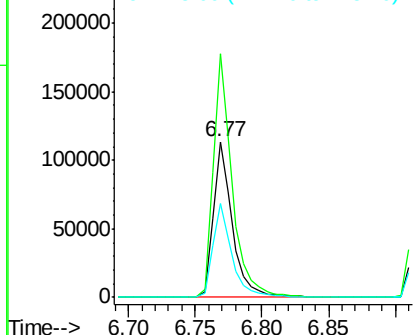
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF101888.D
Acq: 4 Jan 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB105475BL

Tot Ion:152 Resp: 114300
Ion Ratio Lower Upper
152 100
150 156.5 124.6 186.8
115 60.1 50.1 75.1



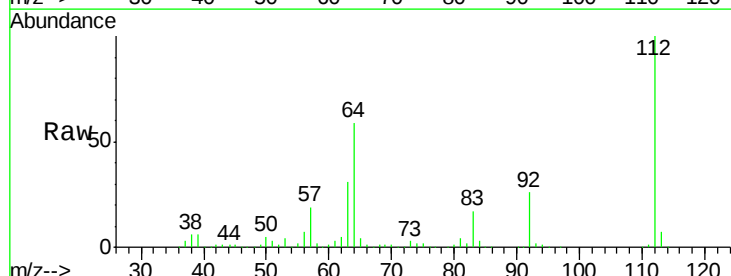
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



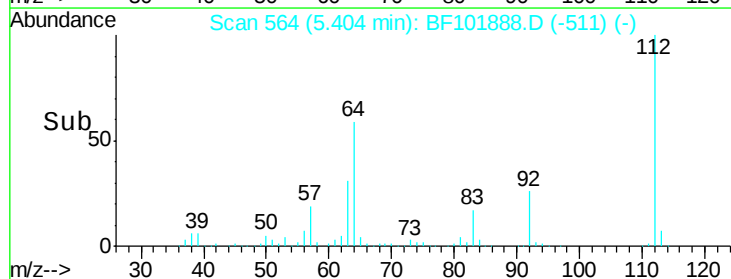
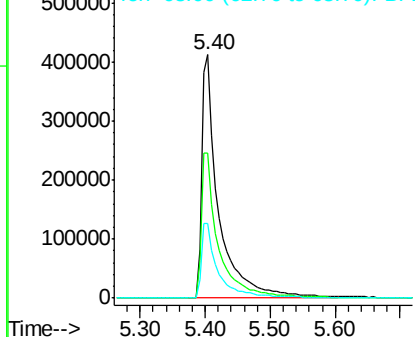
#5

2-Fluorophenol
Concen: 96.441 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF101888.D
Acq: 4 Jan 2018 14:04

Tgt Ion:112 Resp: 740023
Ion Ratio Lower Upper
112 100
64 59.5 47.9 71.9
63 30.6 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: 93.867 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF101888.D

Acq: 4 Jan 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB105475BL

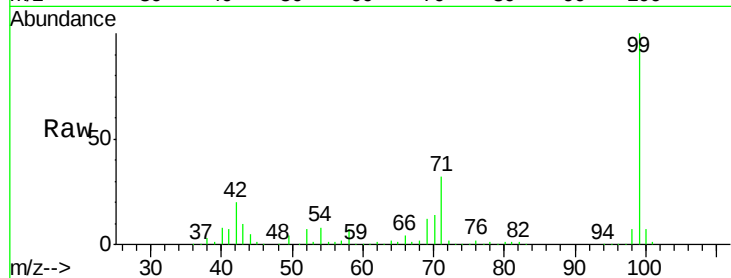
Tot Ion: 99 Resp: 896401

Ion Ratio Lower Upper

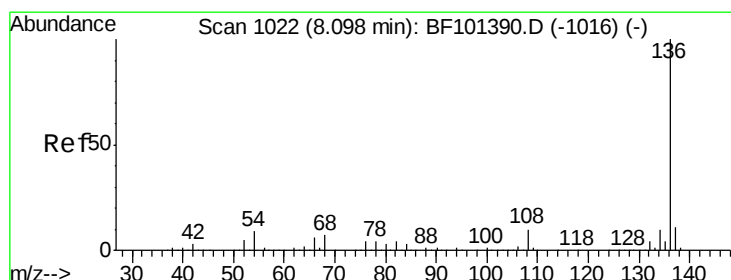
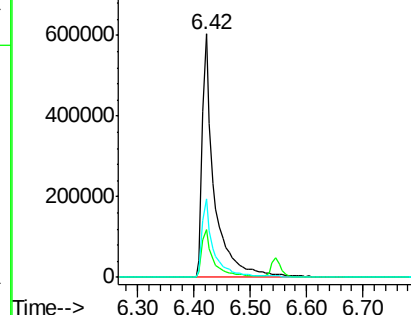
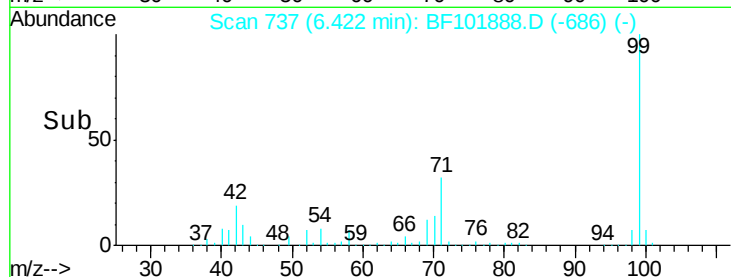
99 100

42 19.5 14.5 21.7

71 32.0 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: BF101888.D

Acq: 4 Jan 2018 14:04

Tgt Ion: 136 Resp: 460191

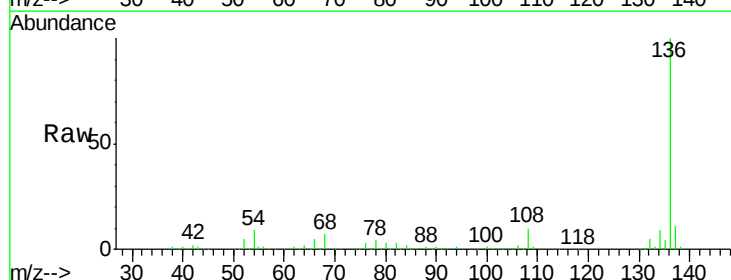
Ion Ratio Lower Upper

136 100

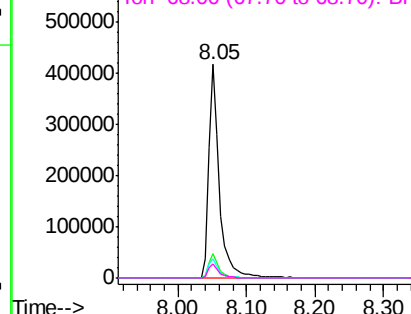
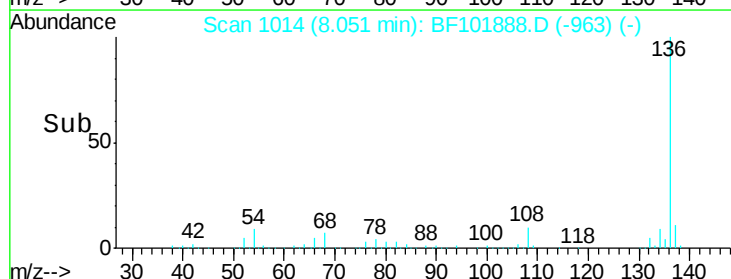
137 11.2 8.9 13.3

54 8.9 6.6 9.8

68 6.7 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

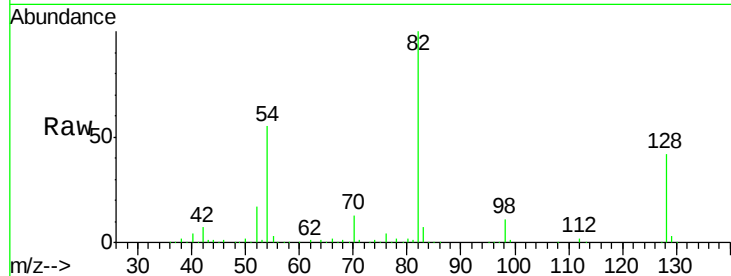




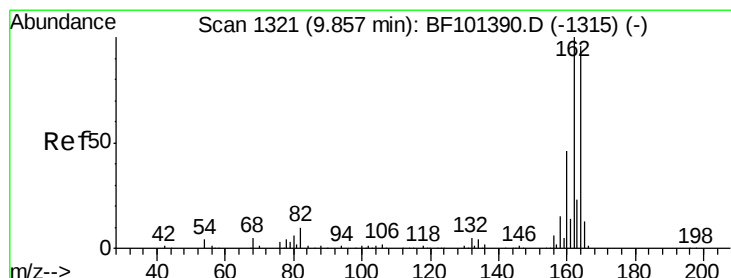
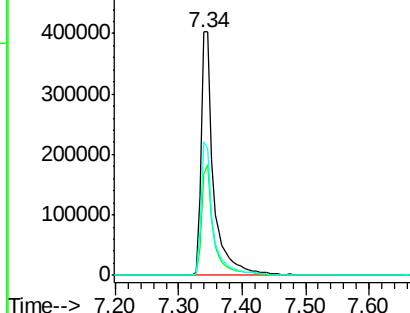
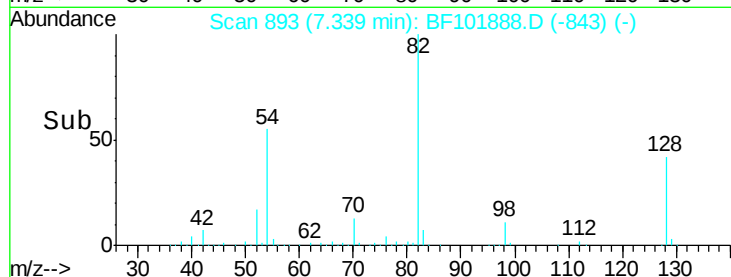
#23
Nitrobenzene-d5
Concen: 66.026 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF101888.D
Acq: 4 Jan 2018 14:04

Instrument :
BNA_F
ClientSampleId :
PB105475BL

Tot Ion: 82 Resp: 545842
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 54.7 41.4 62.2

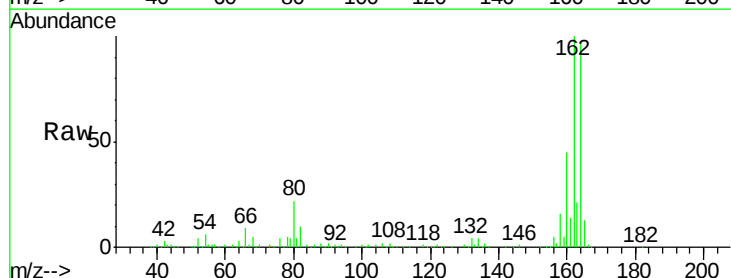


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

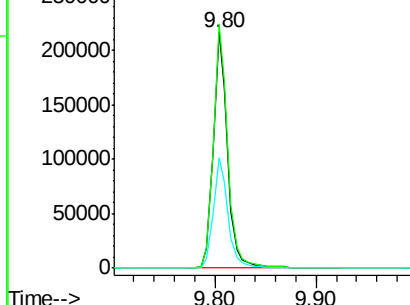
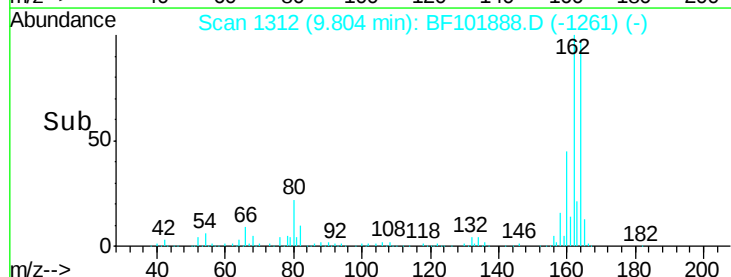


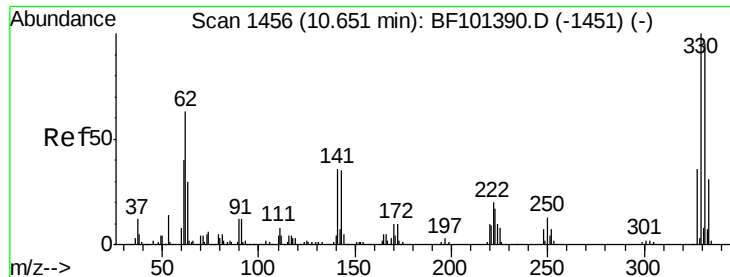
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF101888.D
Acq: 4 Jan 2018 14:04

Tgt Ion:164 Resp: 211401
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 46.8 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

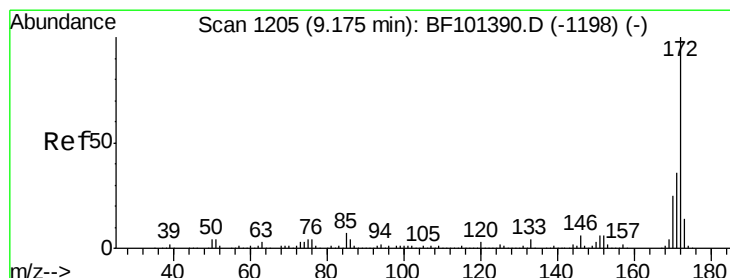
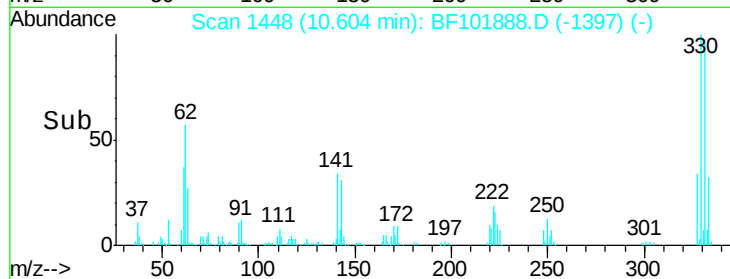
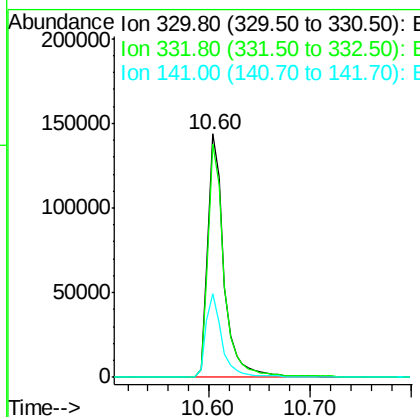
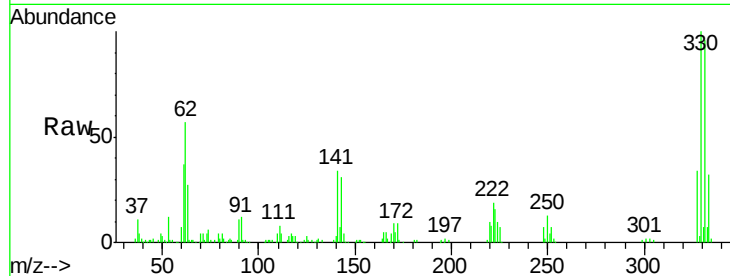




#41
 2,4,6-Tribromophenol
 Concen: 78.606 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BF101888.D
 Acq: 4 Jan 2018 14:04

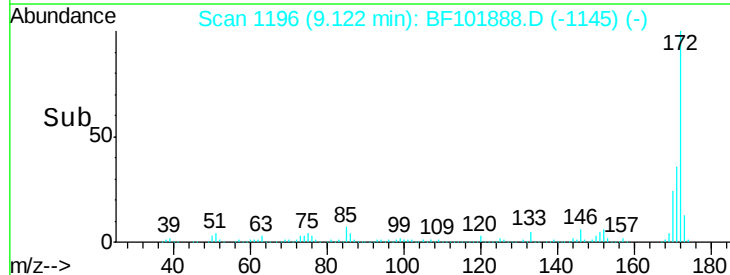
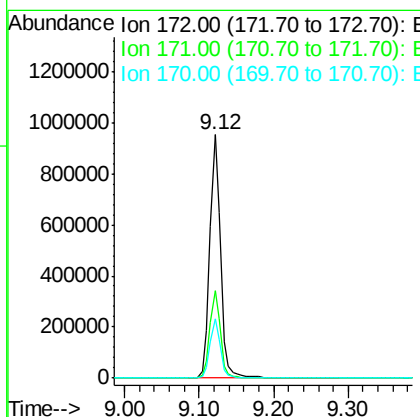
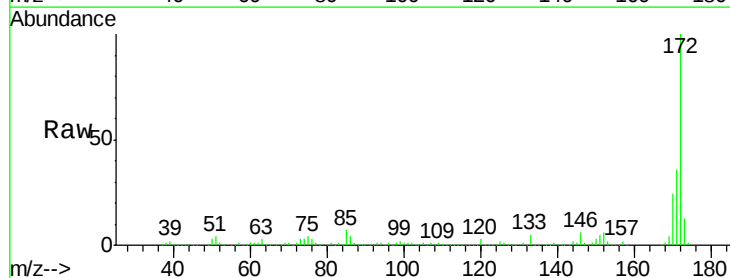
Instrument :
 BNA_F
 ClientSampleId :
 PB105475BL

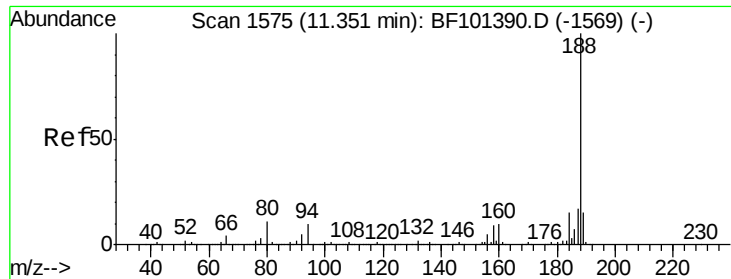
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	34.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 70.083 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF101888.D
 Acq: 4 Jan 2018 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.2	19.6	29.4

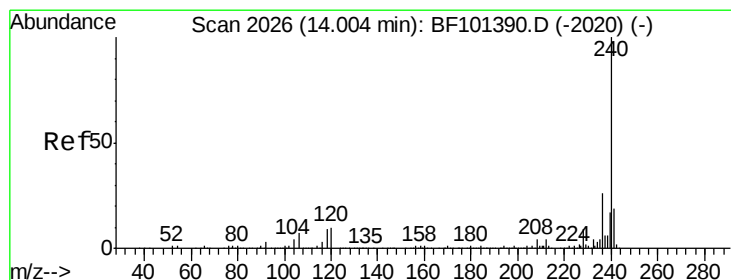
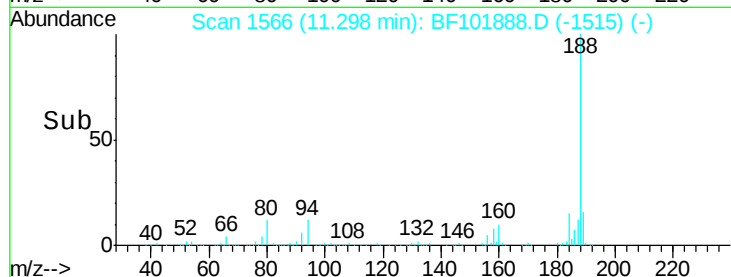
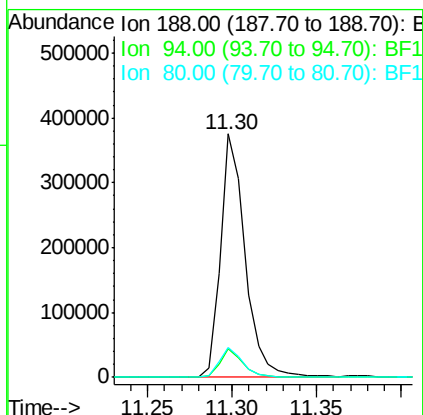
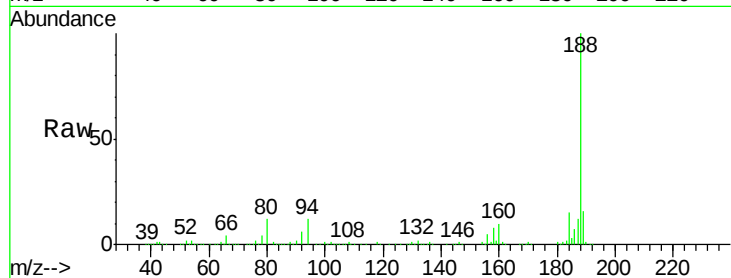




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF101888.D
Acq: 4 Jan 2018 14:04

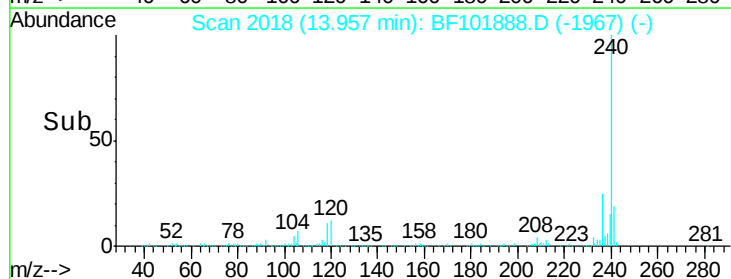
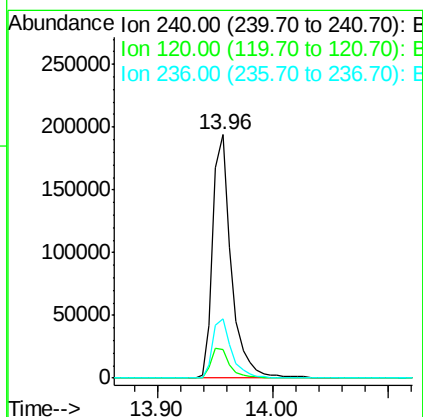
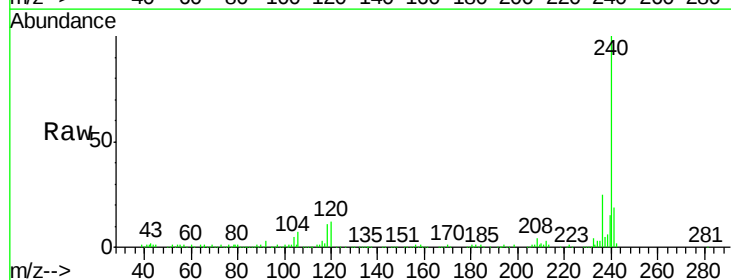
Instrument :
BNA_F
ClientSampleId :
PB105475BL

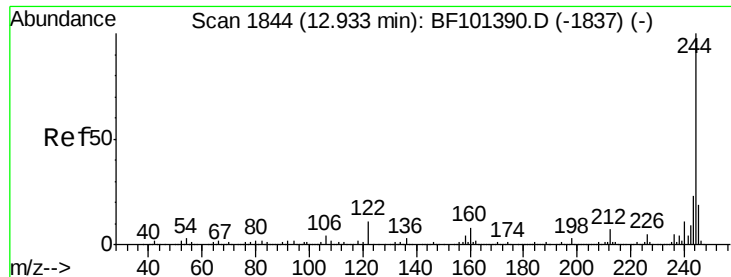
Tot Ion:188 Resp: 381493
Ion Ratio Lower Upper
188 100
94 11.6 8.5 12.7
80 12.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF101888.D
Acq: 4 Jan 2018 14:04

Tgt Ion:240 Resp: 215769
Ion Ratio Lower Upper
240 100
120 11.5 9.5 14.3
236 24.5 20.7 31.1





#78

Terphenyl-d14

Concen: 83.485 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF101888.D

Acq: 4 Jan 2018 14:04

Instrument :

BNA_F

ClientSampleId :

PB105475BL

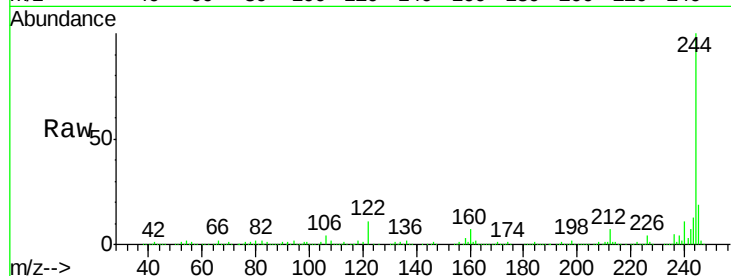
Tot Ion:244 Resp: 747206

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

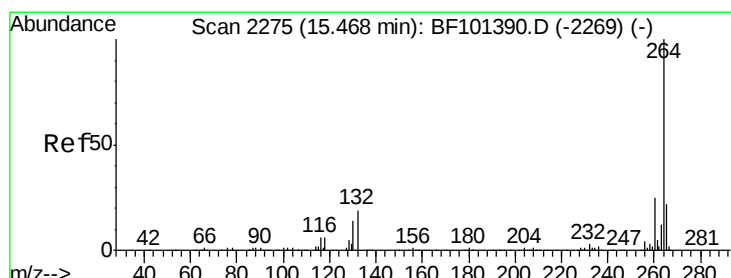
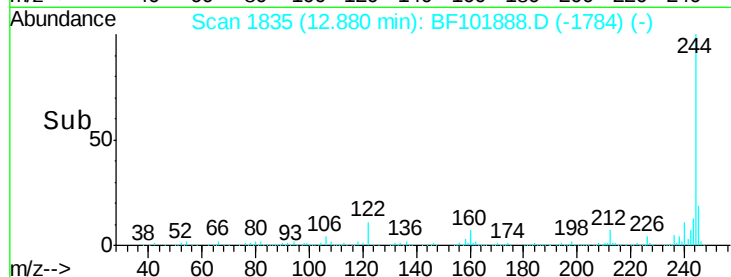
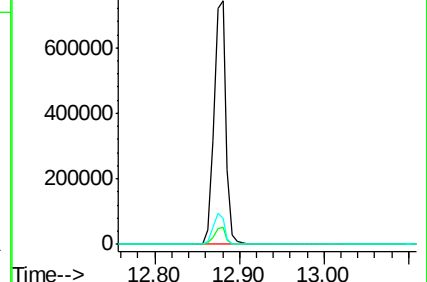
122 10.6 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BF101888.D

Acq: 4 Jan 2018 14:04

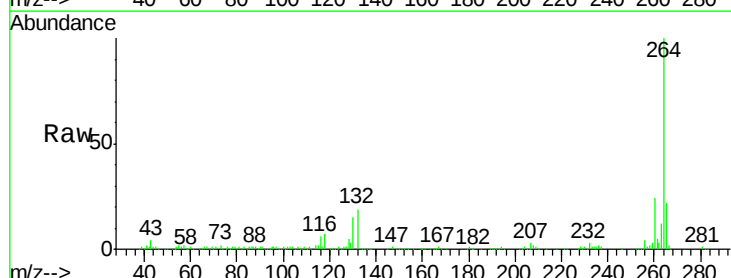
Tgt Ion:264 Resp: 238528

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.7 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

