

Data Path : U:\HPCHEM1\BNA F\DATA\BF011018\
 Data File : BF101983.D
 Acq On : 10 Jan 2018 17:15
 Operator : SJ/JU
 Sample : PB105555BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BL

Quant Time: Jan 11 03:13:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 15:20:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	227576	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	938462	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	416932	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	725194	20.00	ng	0.00
75) Chrysene-d12	13.87	240	500768	20.00	ng	0.00
86) Perylene-d12	15.29	264	370390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1690656	104.90	ng	0.03
7) Phenol-d6	6.37	99	2032967	105.73	ng	0.02
23) Nitrobenzene-d5	7.29	82	1313778	82.27	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	412511	113.37	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2108401	79.00	ng	0.00
78) Terphenyl-d14	12.84	244	1834852	76.08	ng	0.00

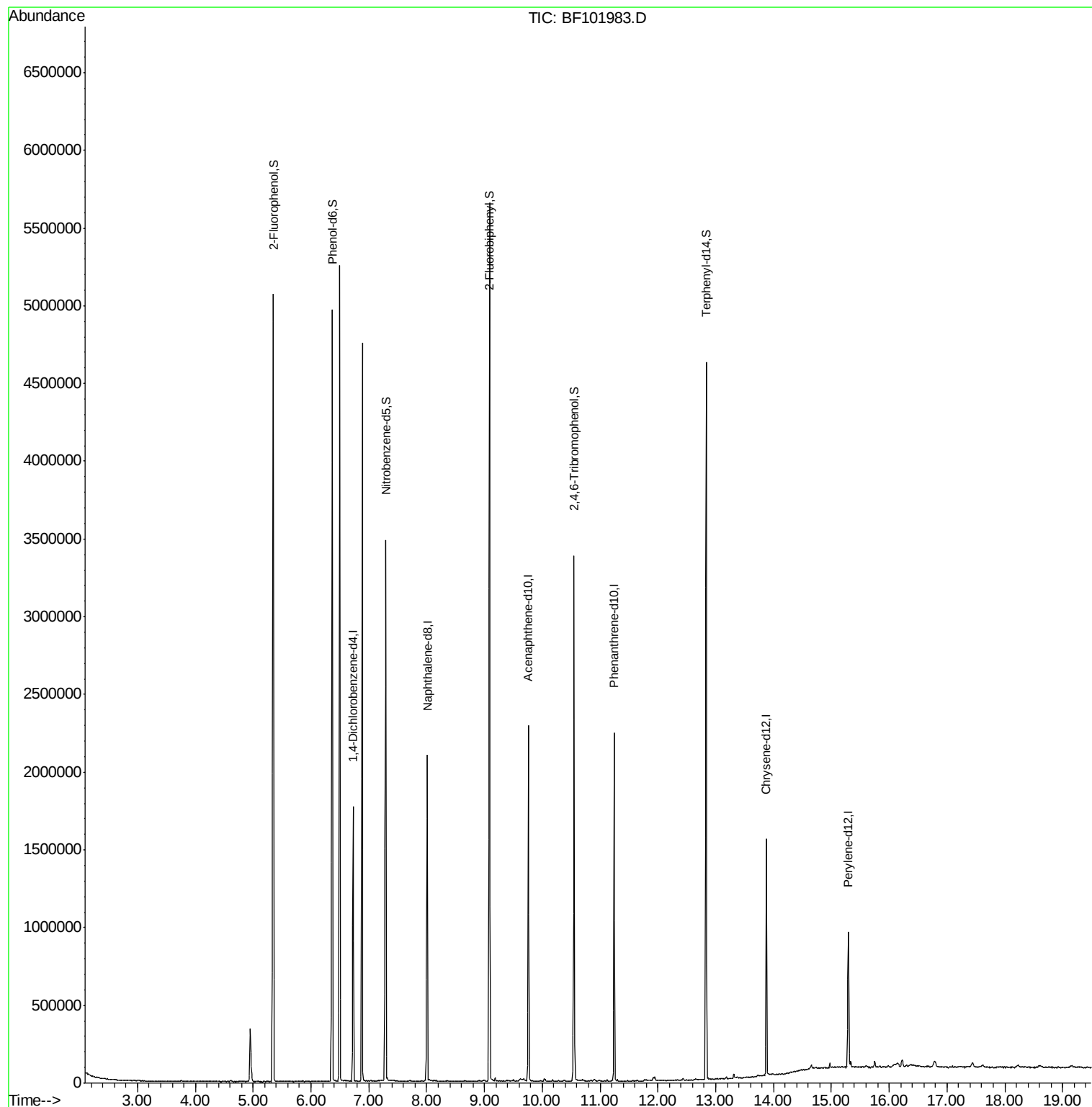
Target Compounds Qvalue

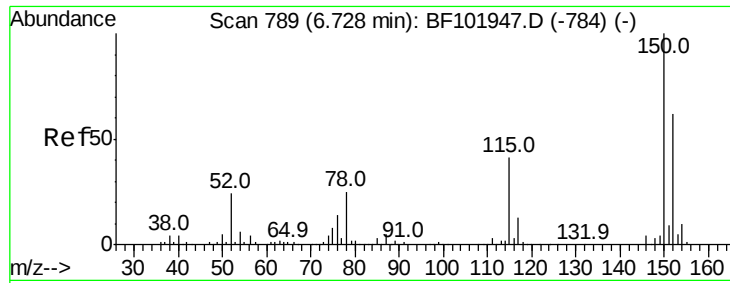
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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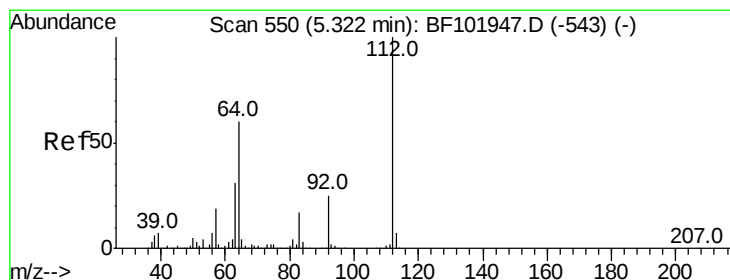
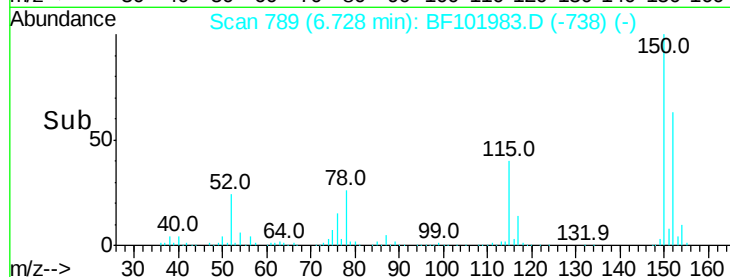
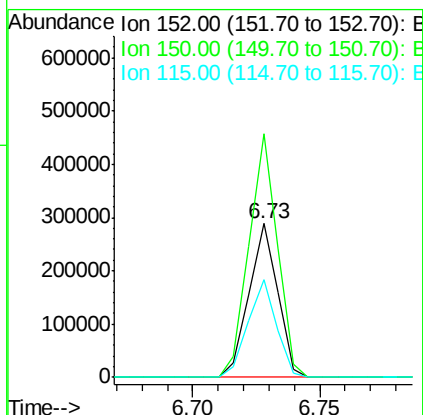
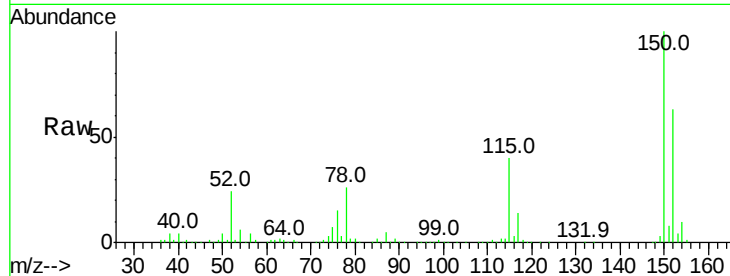


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF101983.D
Acq: 10 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
PB105555BL

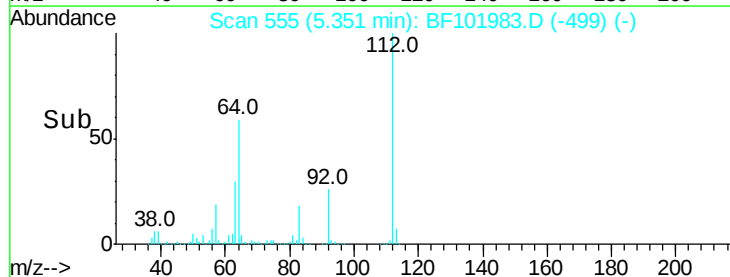
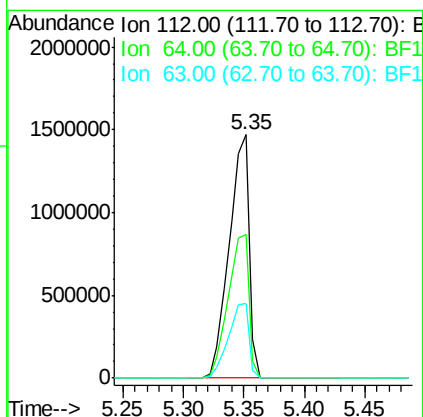
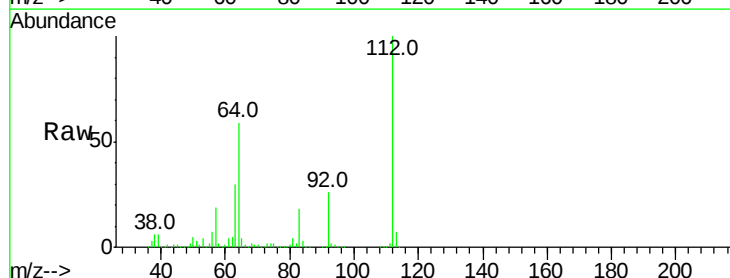
Tot Ion:152 Resp: 227576
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 63.3 50.1 75.1

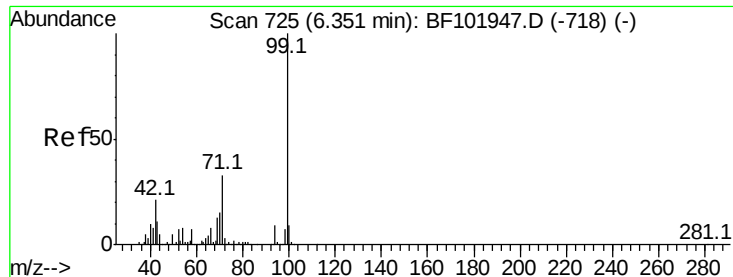


#5

2-Fluorophenol
Concen: 104.903 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.03 min
Lab File: BF101983.D
Acq: 10 Jan 2018 17:15

Tgt Ion:112 Resp: 1690656
Ion Ratio Lower Upper
112 100
64 59.0 47.9 71.9
63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 105.727 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.02 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

Instrument :

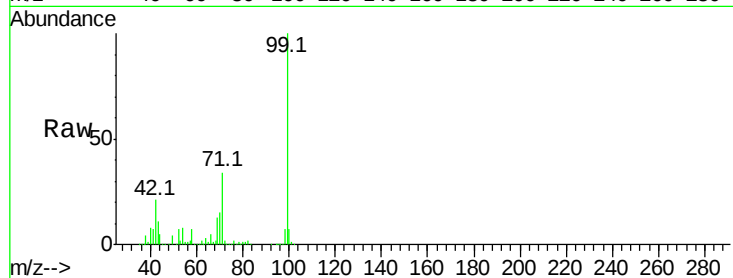
BNA_F

ClientSampleId :

PB105555BL

Tot Ion: 99 Resp: 2032967

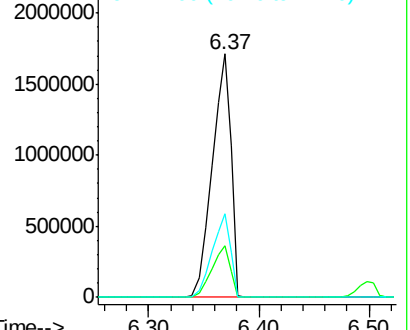
Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	34.1	25.4	38.0



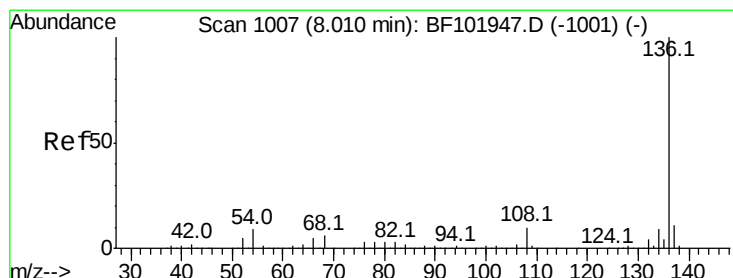
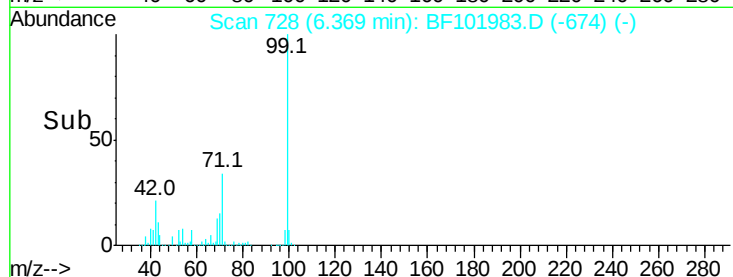
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF101983.D

Acq: 10 Jan 2018 17:15

Tgt Ion: 136 Resp: 938462

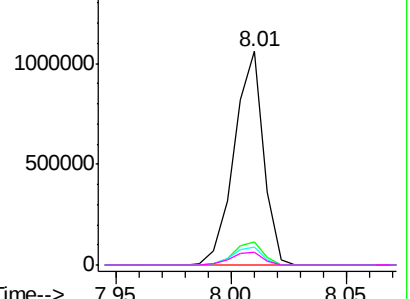
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	9.8
68	6.0	5.0	7.4

Abundance Ion 136.00 (135.70 to 136.70): E

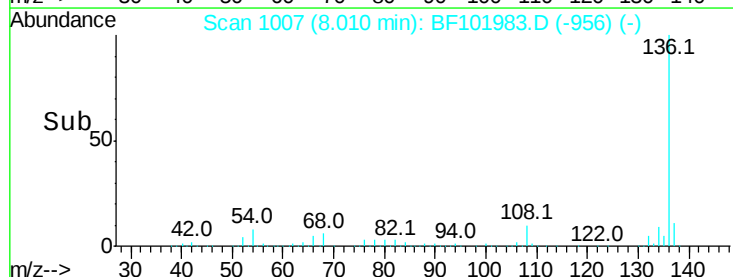
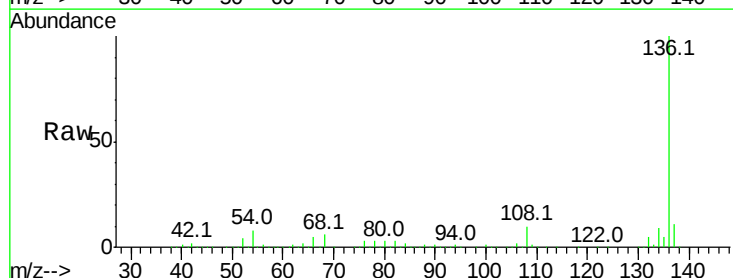
Ion 137.00 (136.70 to 137.70): E

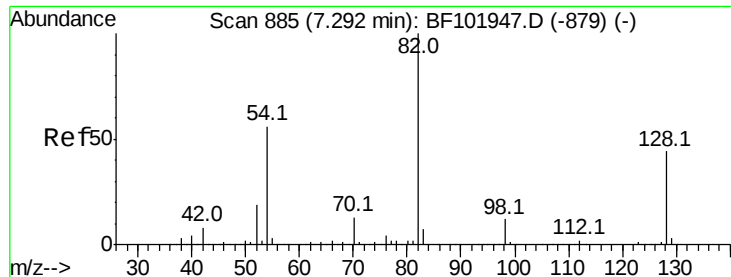
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

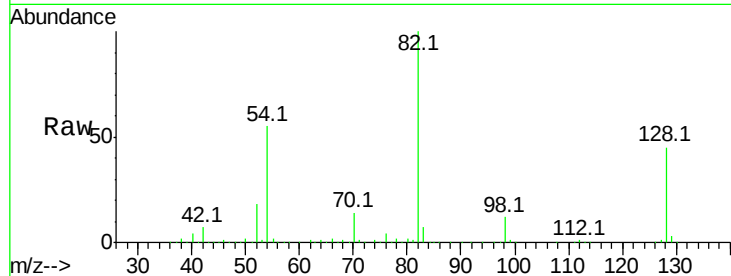




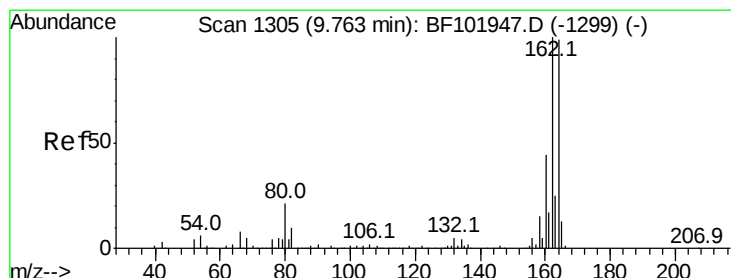
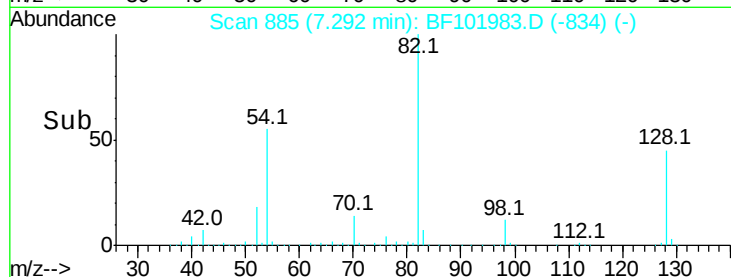
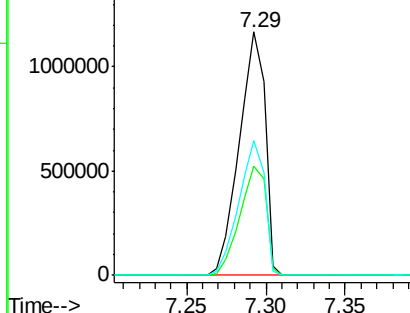
#23
Nitrobenzene-d5
Concen: 82.265 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF101983.D
Acq: 10 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
PB105555BL

Tot Ion: 82 Resp: 1313778
Ion Ratio Lower Upper
82 100
128 44.9 36.1 54.1
54 55.5 41.4 62.2

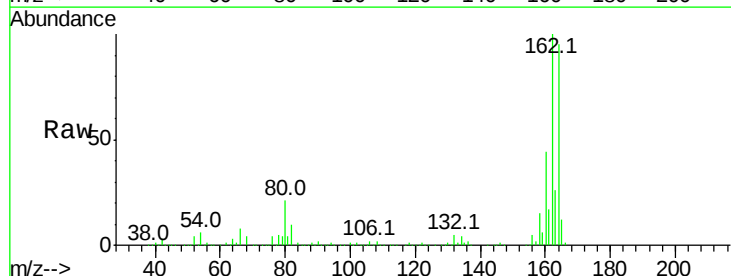


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

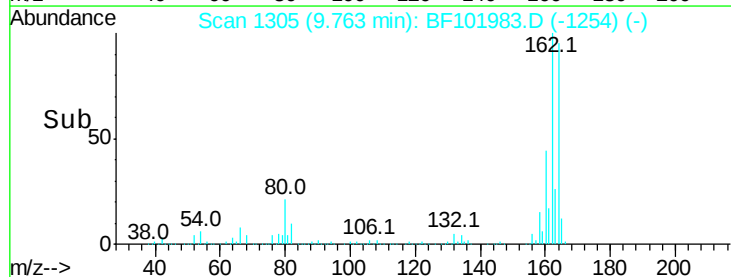
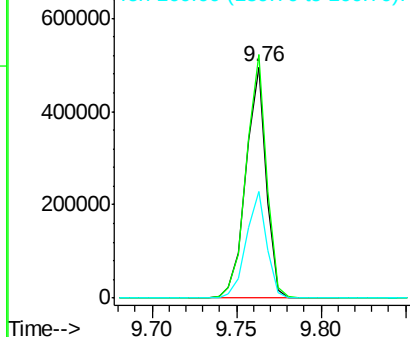


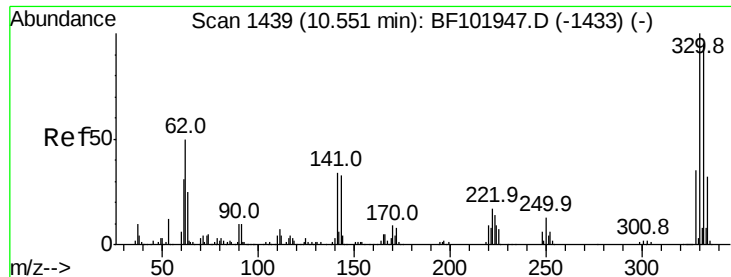
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF101983.D
Acq: 10 Jan 2018 17:15

Tgt Ion:164 Resp: 416932
Ion Ratio Lower Upper
164 100
162 105.3 86.1 129.1
160 46.3 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

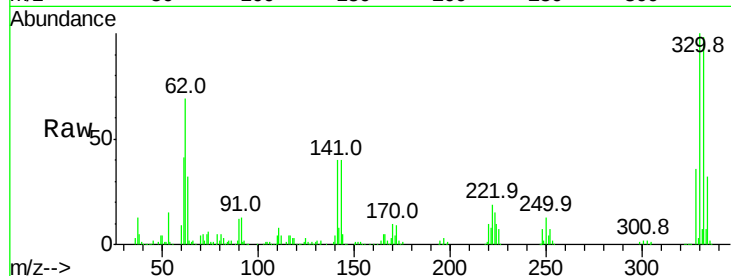




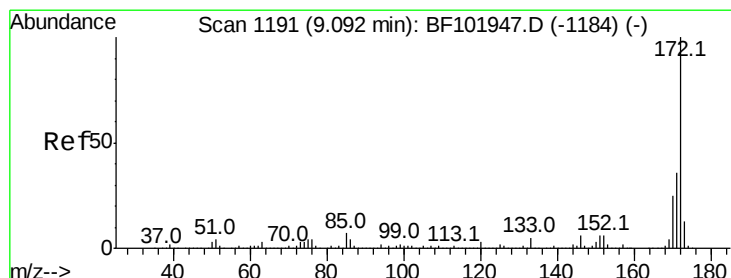
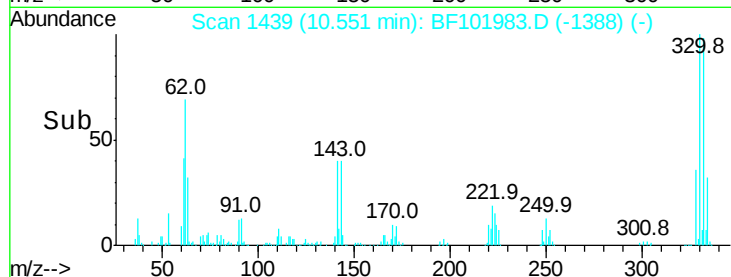
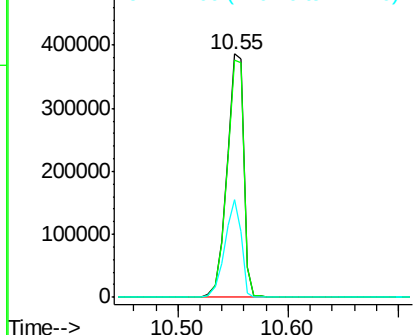
#41
 2,4,6-Tribromophenol
 Concen: 113.374 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF101983.D
 Acq: 10 Jan 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BL

Tot Ion:330 Resp: 412511
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 39.0 29.9 44.9

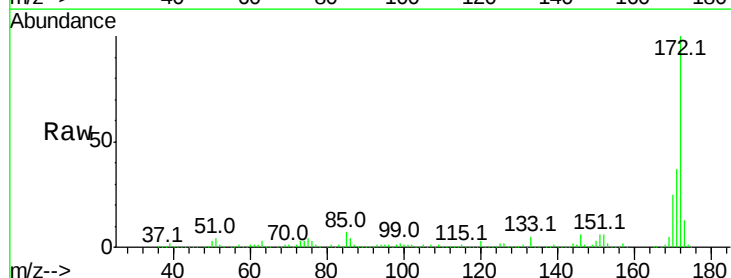


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

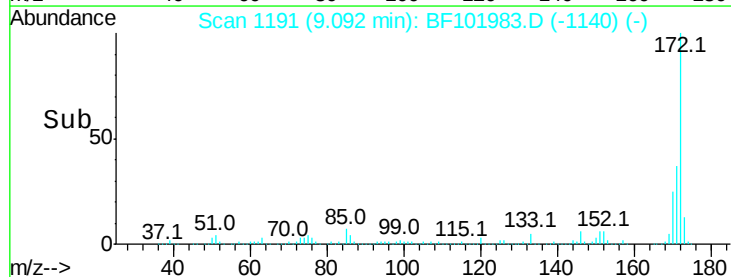
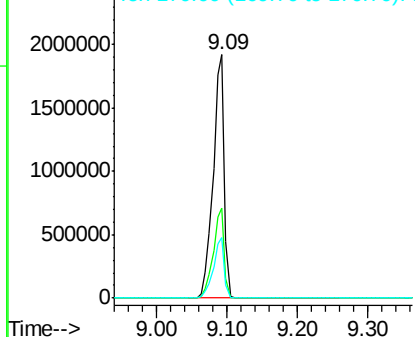


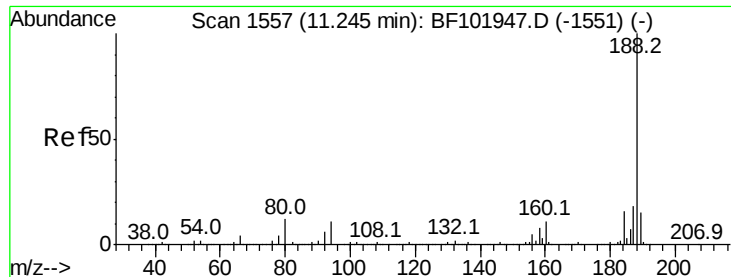
#44
 2-Fluorobiphenyl
 Concen: 79.003 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF101983.D
 Acq: 10 Jan 2018 17:15

Tgt Ion:172 Resp: 2108401
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.7 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

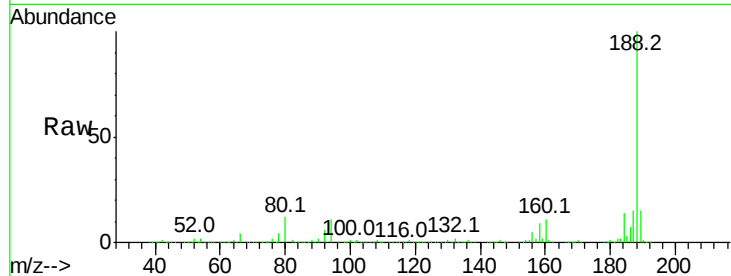




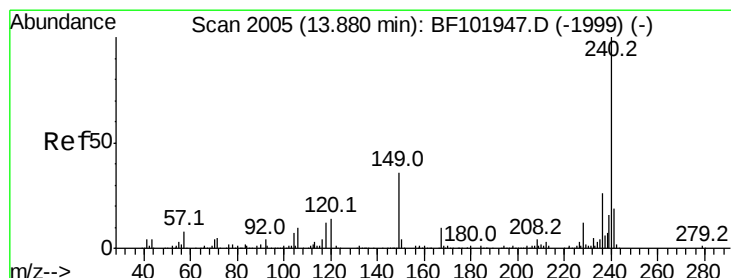
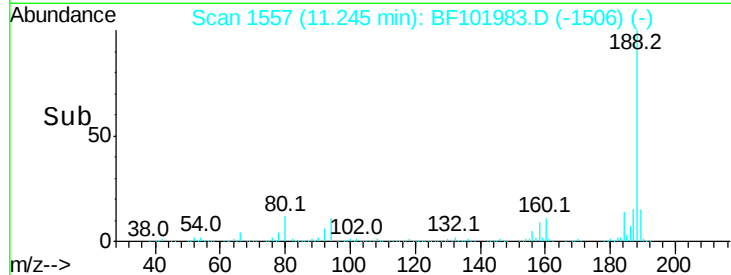
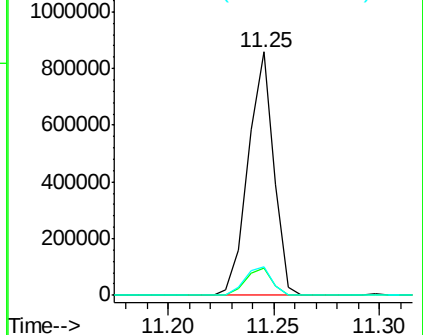
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. 0.00 min
Lab File: BF101983.D
Acq: 10 Jan 2018 17:15

Instrument :
BNA_F
ClientSampleId :
PB105555BL

Tot Ion:188 Resp: 725194
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 11.8 9.2 13.8

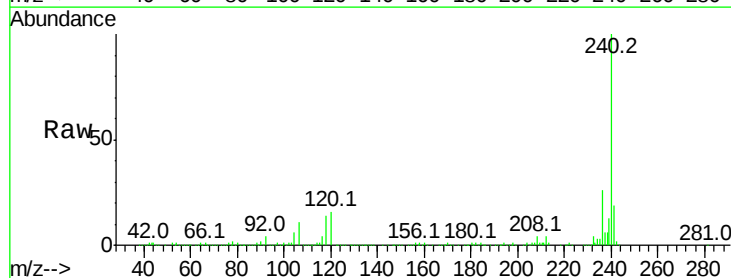


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

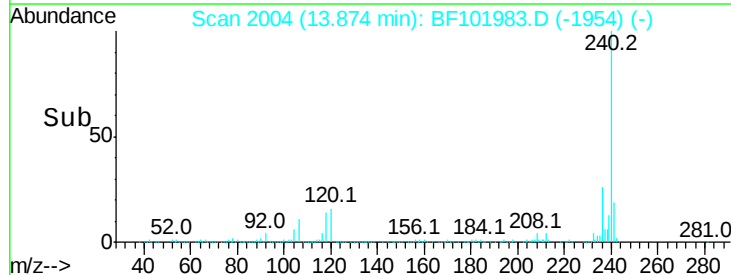
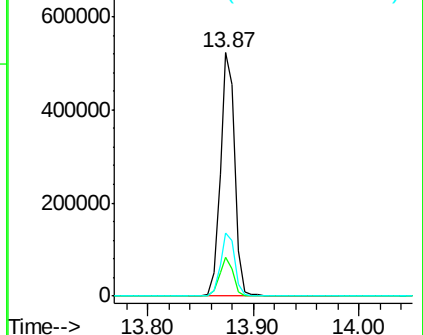


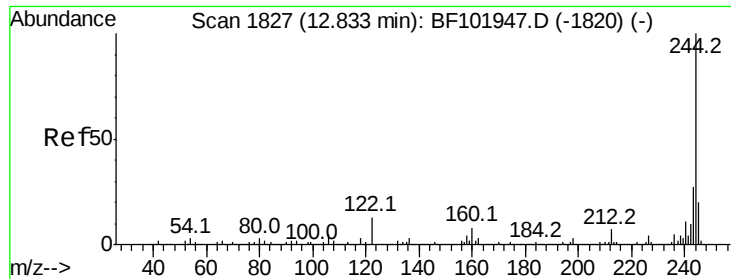
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF101983.D
Acq: 10 Jan 2018 17:15

Tgt Ion:240 Resp: 500768
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 26.2 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

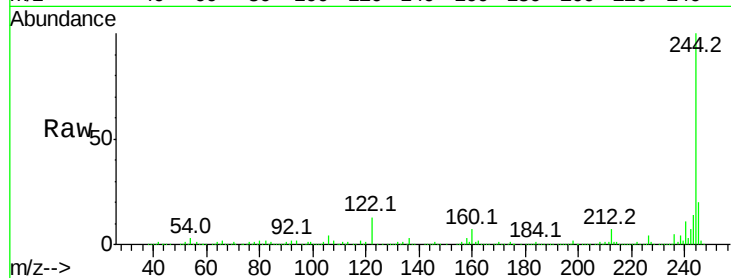




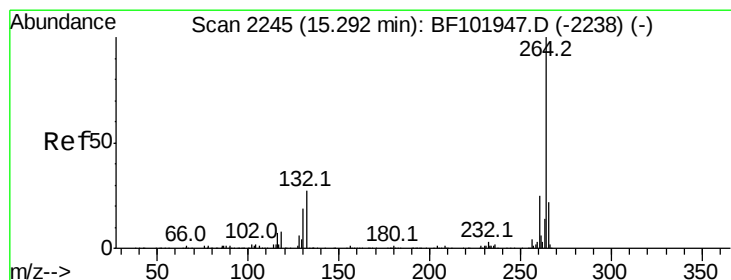
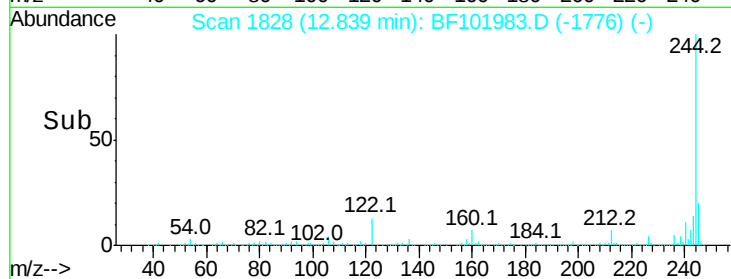
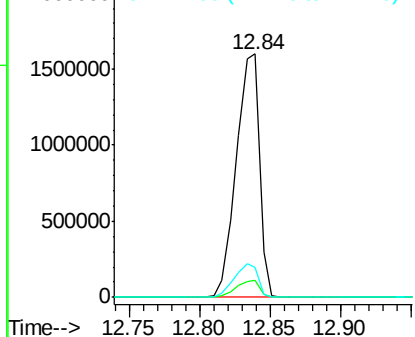
#78
 Terphenyl-d14
 Concen: 76.076 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. 0.01 min
 Lab File: BF101983.D
 Acq: 10 Jan 2018 17:15

Instrument :
 BNA_F
 ClientSampleId :
 PB105555BL

Tot Ion:244 Resp: 1834852
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.5 11.0 16.4

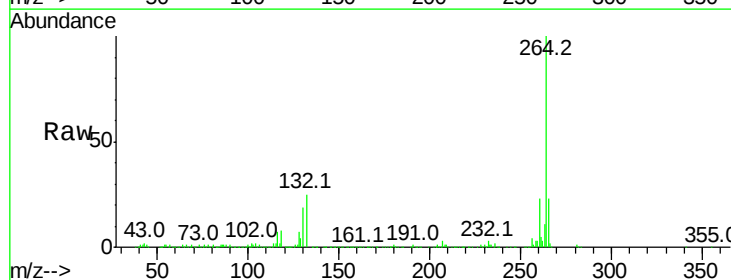


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BF101983.D
 Acq: 10 Jan 2018 17:15

Tgt Ion:264 Resp: 370390
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 22.9 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

