

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101281.D
 Acq On : 11 Dec 2017 11:34
 Operator : SJ/JU
 Sample : I6746-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(50-60)

Quant Time: Dec 11 13:01:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

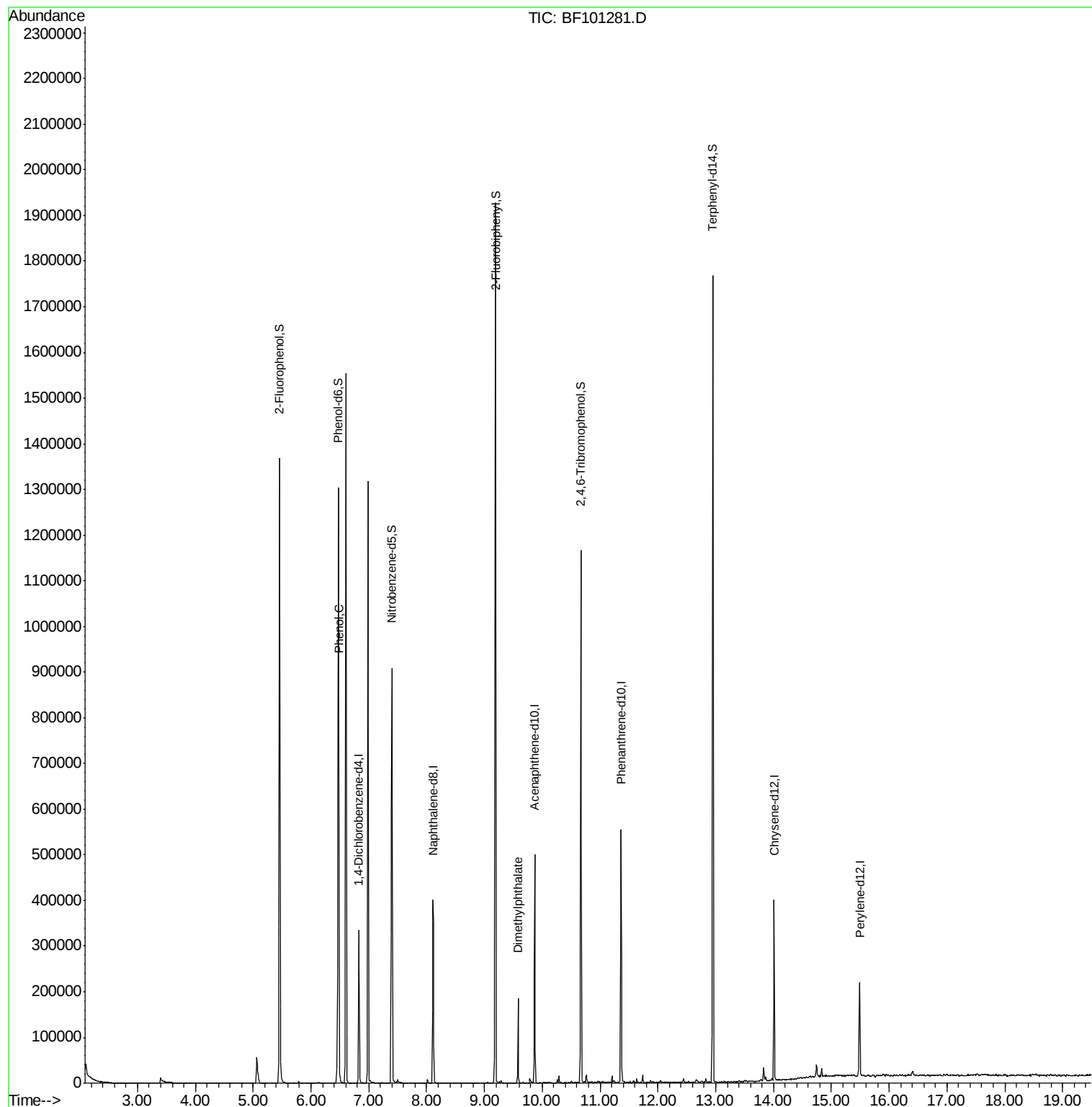
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	48790	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	195655	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	96669	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	192677	20.00	ng	0.00
75) Chrysene-d12	14.02	240	148807	20.00	ng	0.01
86) Perylene-d12	15.49	264	104929	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	415906	140.86	ng	0.02
7) Phenol-d6	6.47	99	510236	142.34	ng	0.01
23) Nitrobenzene-d5	7.40	82	314927	96.02	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	145966	125.70	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	653950	92.56	ng	0.00
78) Terphenyl-d14	12.95	244	677897	99.64	ng	0.01
Target Compounds						
10) Phenol	6.49	94	19359	4.857	ng	94
49) Dimethylphthalate	9.58	163	69460	8.910	ng	# 99

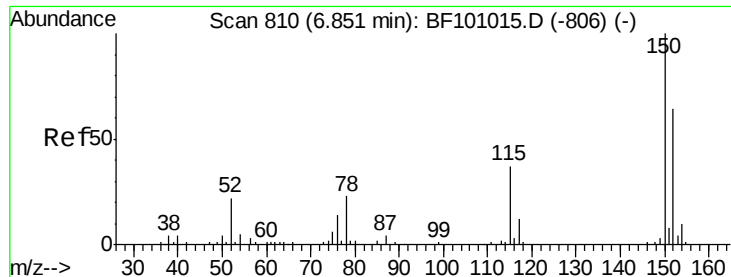
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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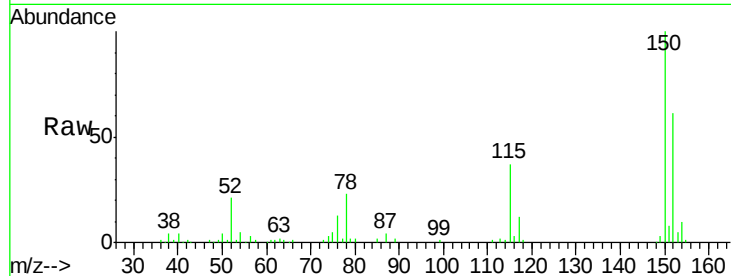


#1

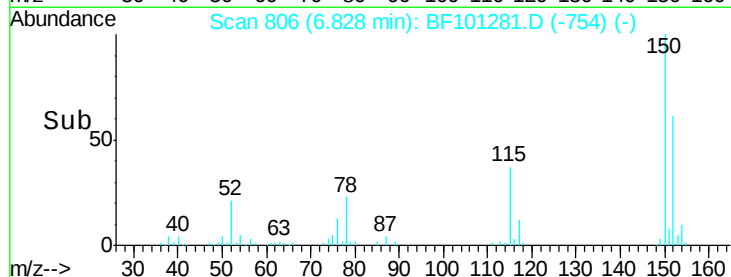
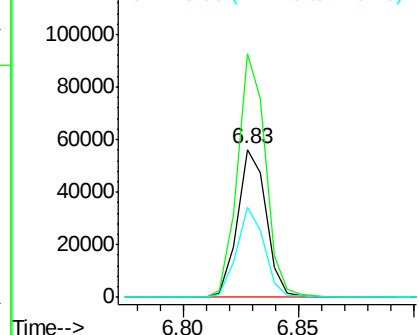
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(50-60)

Tot Ion:152 Resp: 48790
Ion Ratio Lower Upper
152 100
150 164.8 124.6 186.8
115 61.1 50.1 75.1



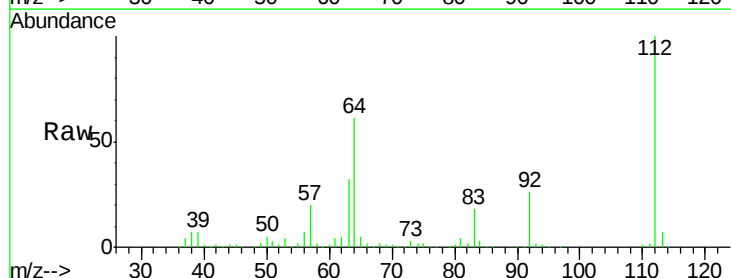
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



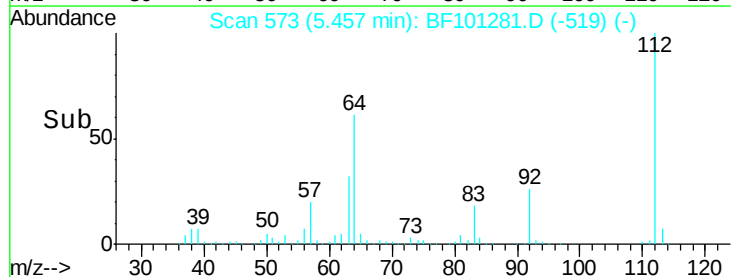
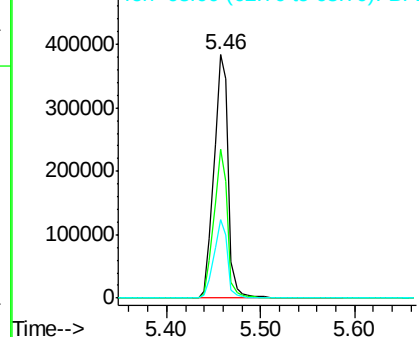
#5

2-Fluorophenol
Concen: 140.861 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Tgt Ion:112 Resp: 415906
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 32.2 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: 142.336 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101281.D

Acq: 11 Dec 2017 11:34

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(50-60)

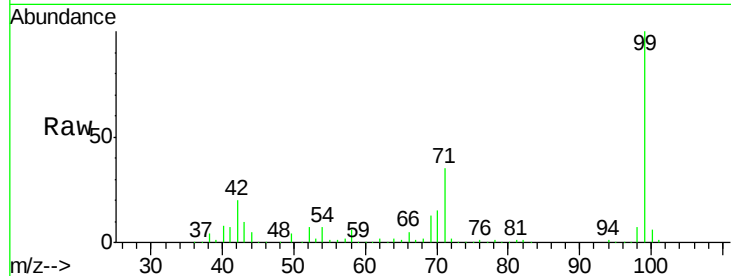
Tot Ion: 99 Resp: 510236

Ion Ratio Lower Upper

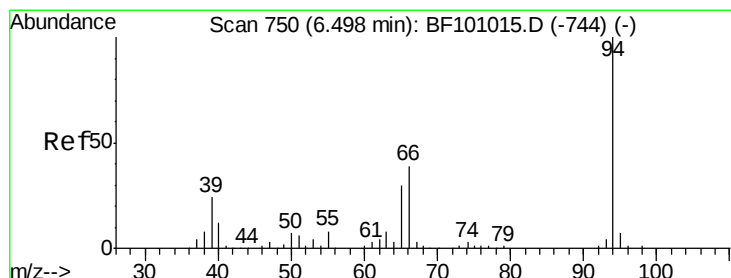
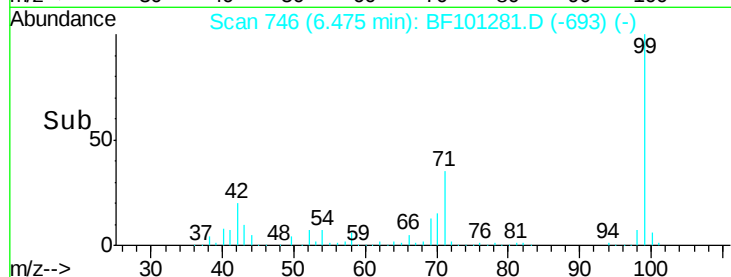
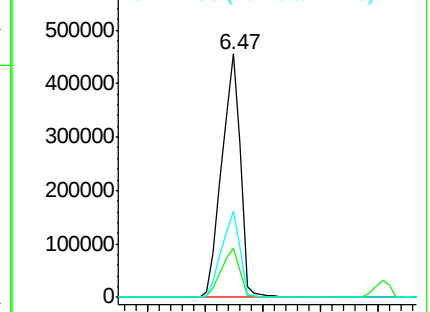
99 100

42 19.9 14.5 21.7

71 35.4 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



#10

Phenol

Concen: 4.857 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101281.D

Acq: 11 Dec 2017 11:34

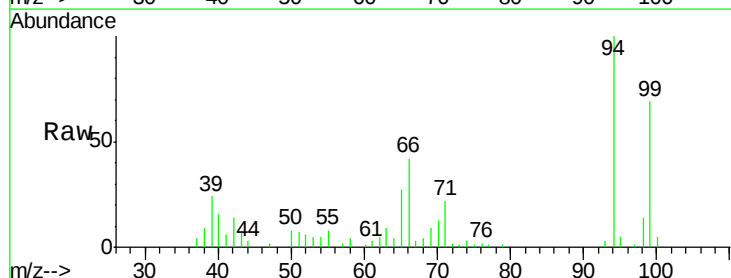
Tgt Ion: 94 Resp: 19359

Ion Ratio Lower Upper

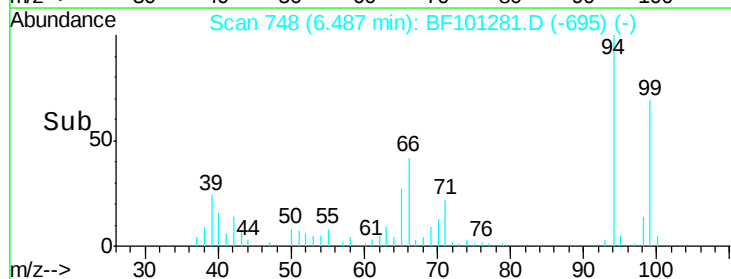
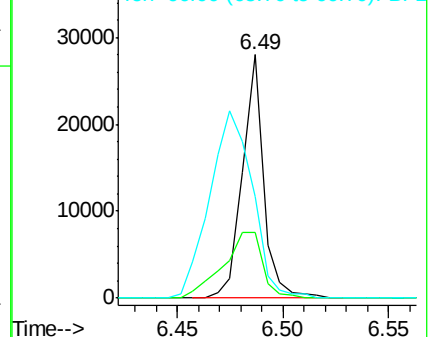
94 100

65 26.8 7.9 47.9

66 41.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

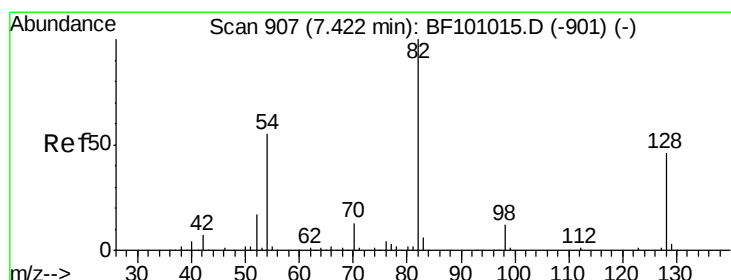
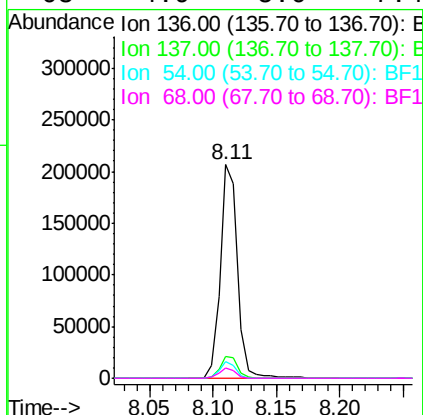
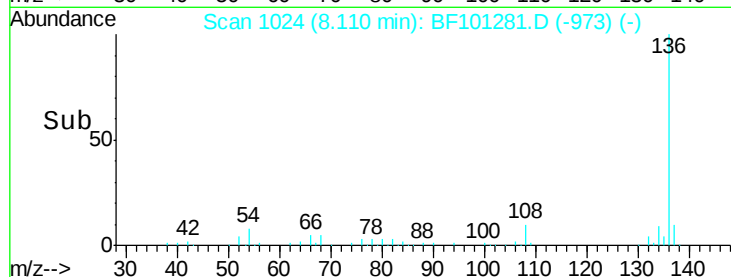
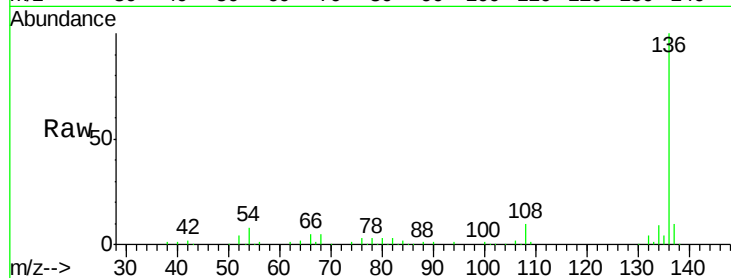




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

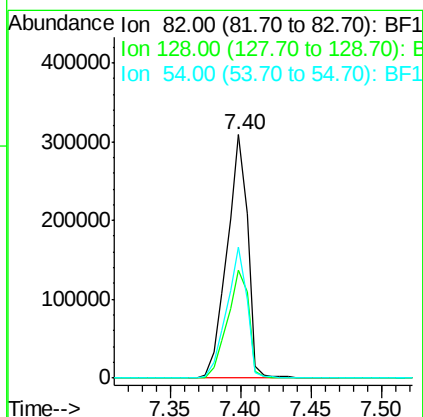
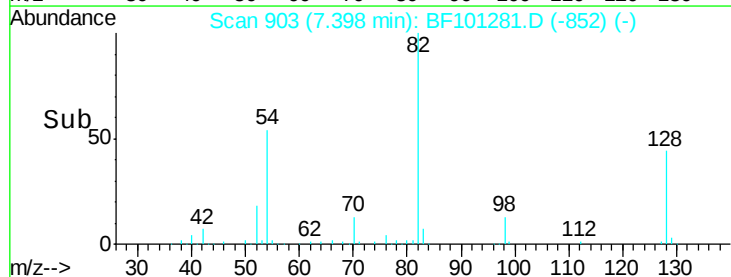
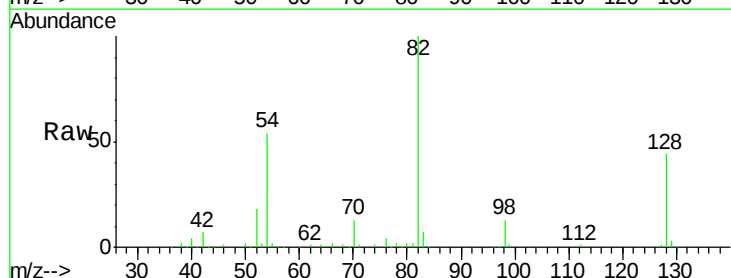
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(50-60)

Tot Ion:136	Resp:	195655
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.9 13.3
54	7.6	6.6 9.8
68	4.9	5.0 7.4#



#23
Nitrobenzene-d5
Concen: 96.018 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Tgt Ion: 82	Resp:	314927
Ion Ratio	Lower	Upper
82	100	
128	44.4	36.1 54.1
54	54.0	41.4 62.2

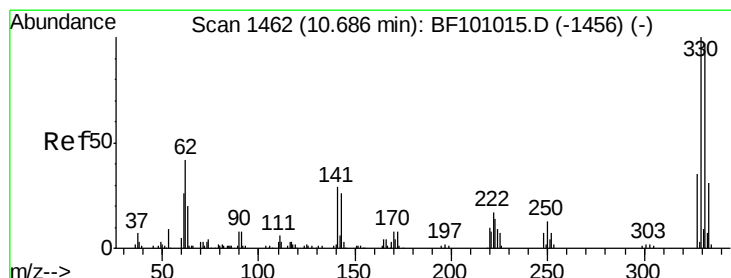
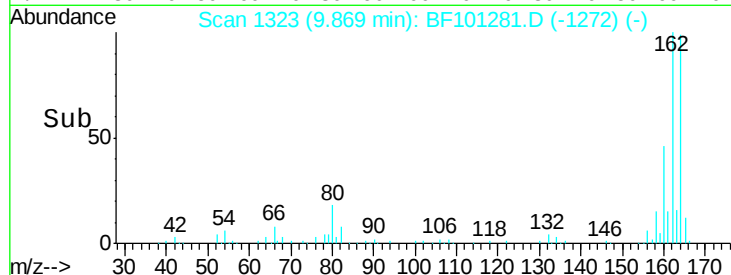
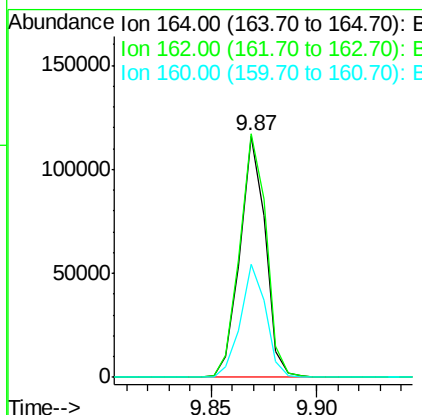
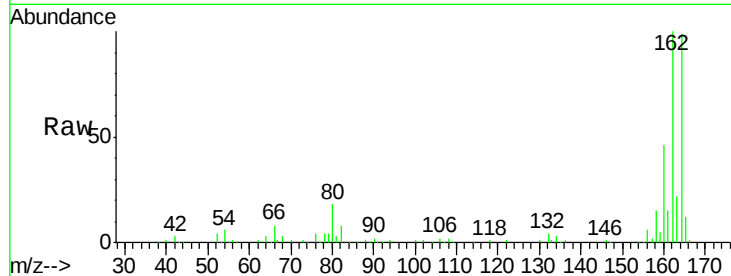




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

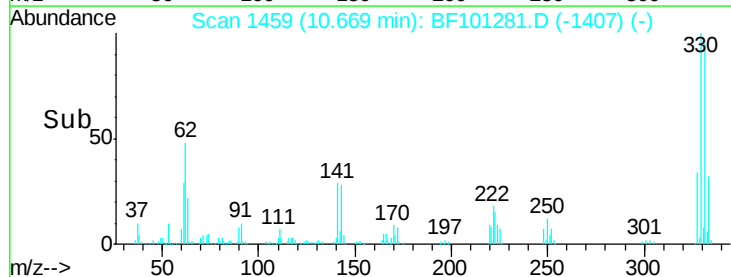
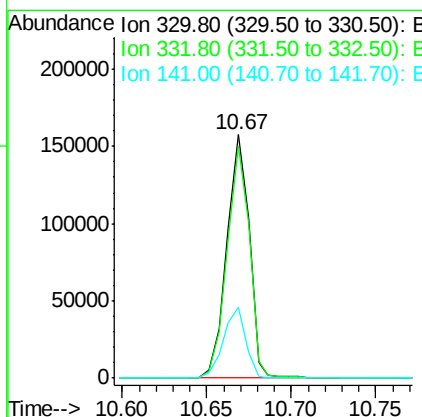
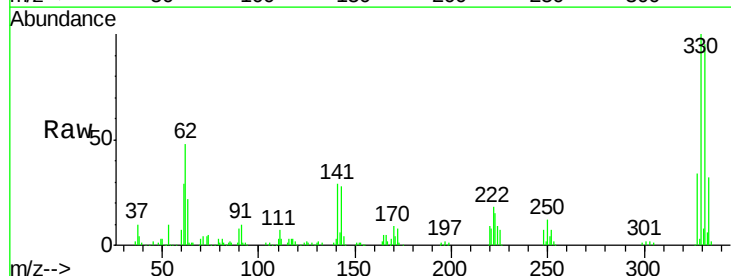
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(50-60)

Tot Ion:164 Resp: 96669
Ion Ratio Lower Upper
164 100
162 100.8 86.1 129.1
160 46.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 125.695 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Tgt Ion:330 Resp: 145966
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 29.1 29.9 44.9#

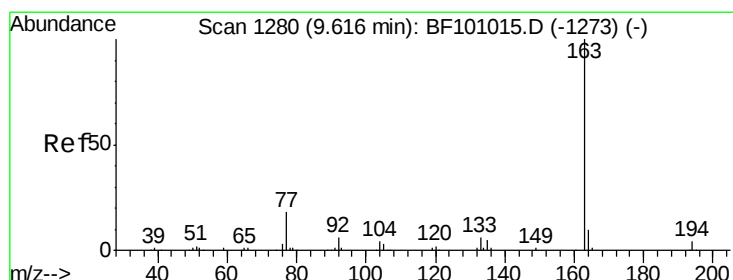
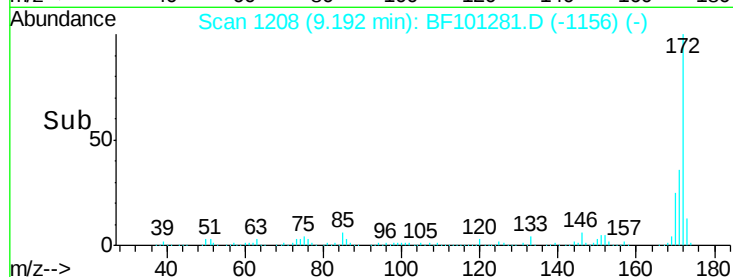
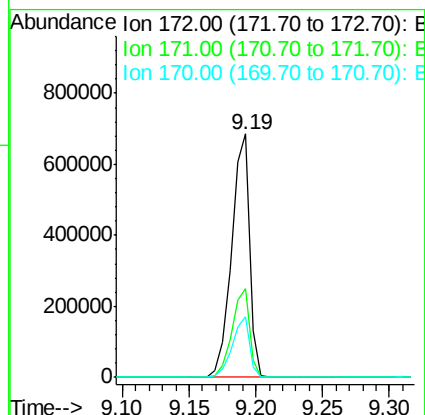
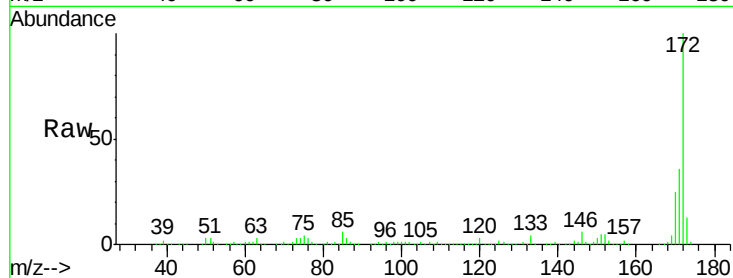




#44
2-Fluorobiphenyl
Concen: 92.556 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

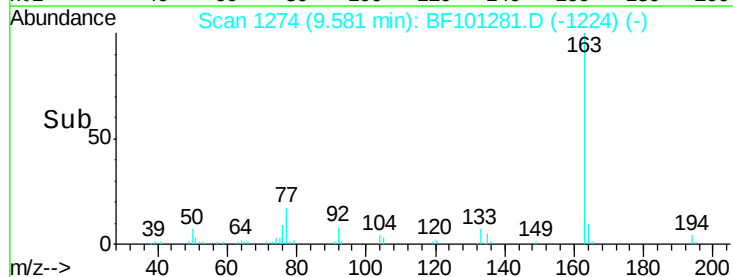
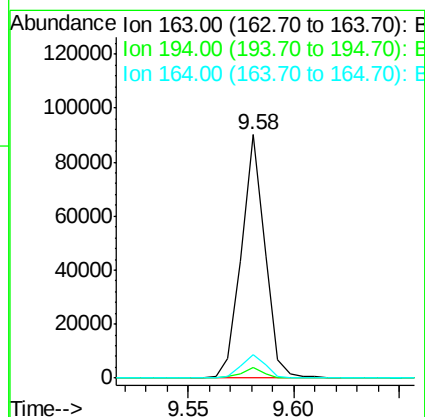
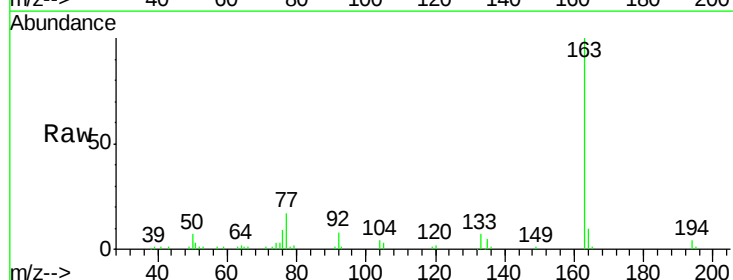
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(50-60)

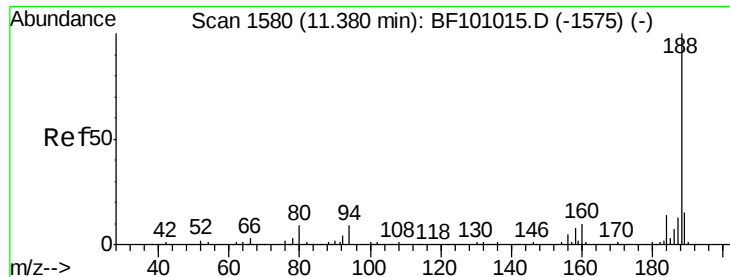
Tot Ion:172 Resp: 653950
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.7 19.6 29.4



#49
Dimethylphthalate
Concen: 8.910 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Tgt Ion:163 Resp: 69460
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.8 8.2 12.2

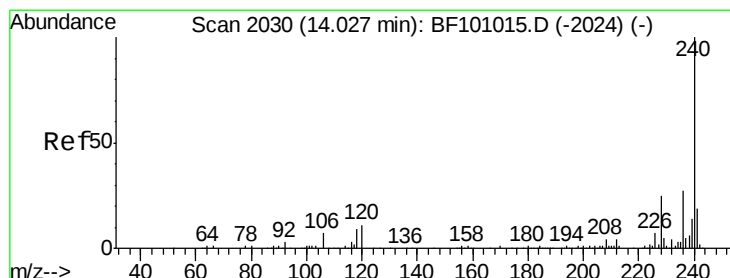
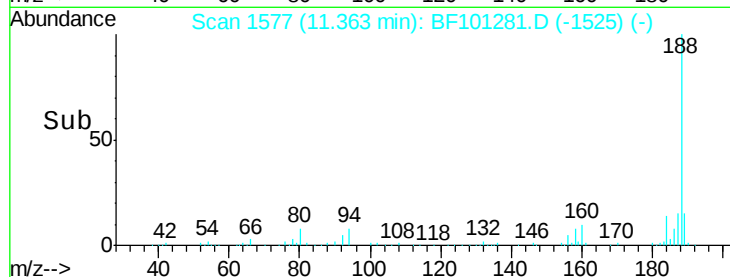
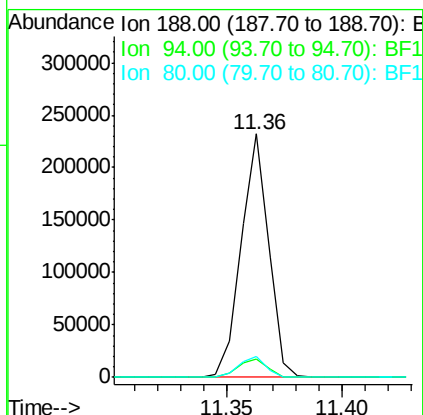
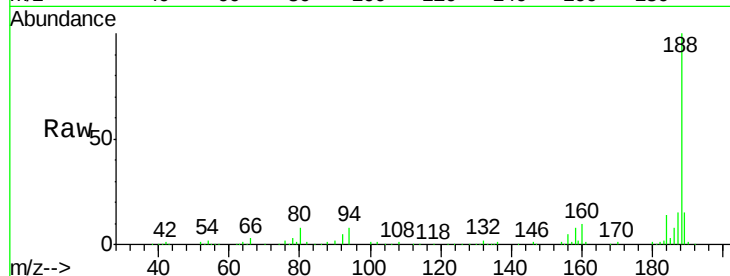




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

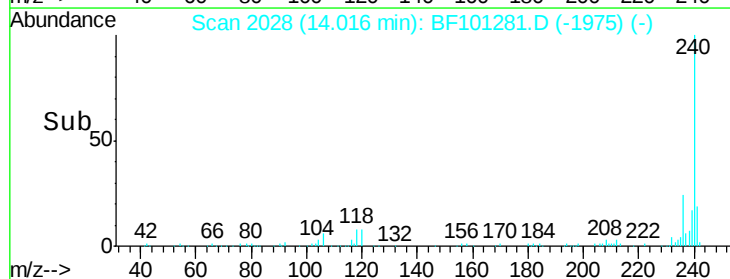
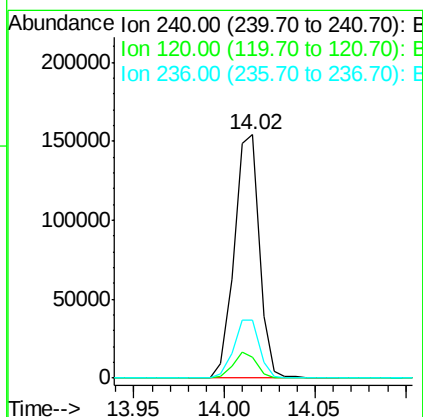
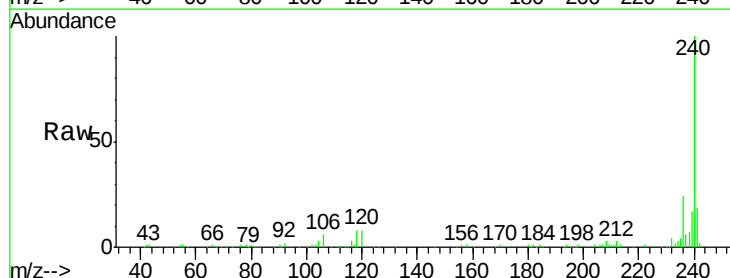
Instrument :
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ENV-109-4(50-60)

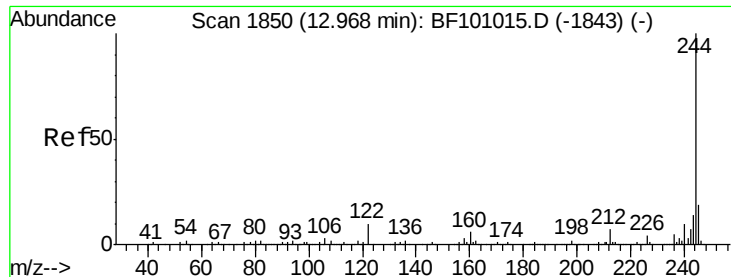
Tot Ion:188 Resp: 192677
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.4 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Tgt Ion:240 Resp: 148807
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 24.0 20.7 31.1

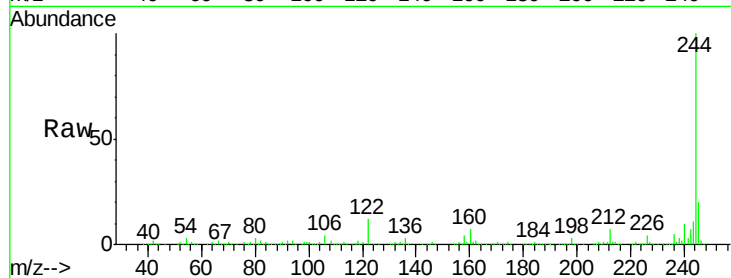




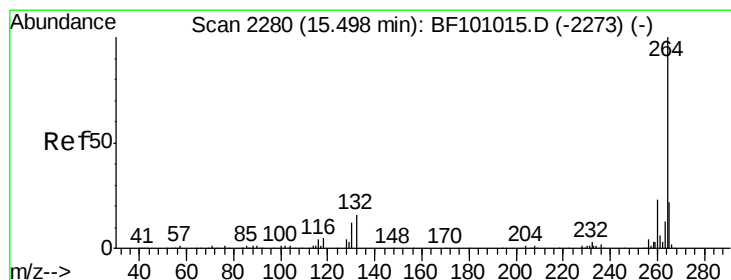
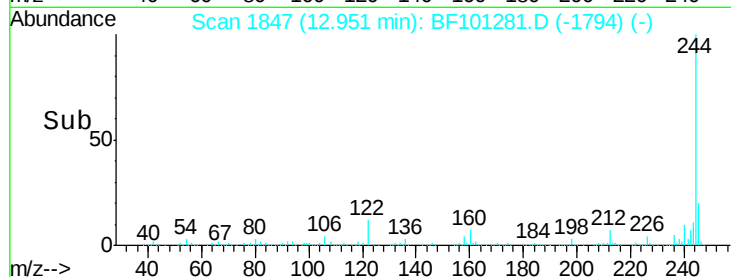
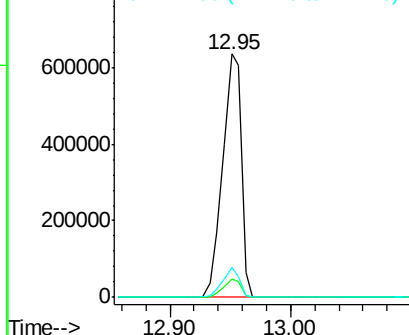
#78
 Terphenyl-d14
 Concen: 99.642 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101281.D
 Acq: 11 Dec 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(50-60)

Tot Ion:244 Resp: 677897
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 12.0 11.0 16.4

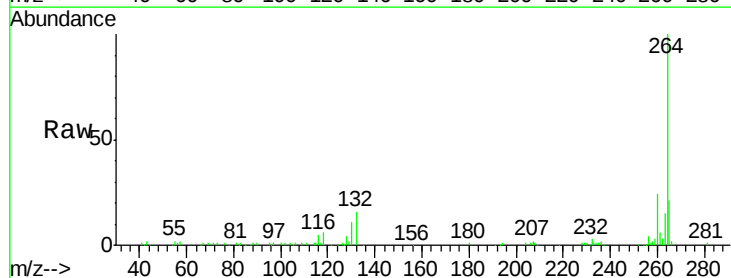


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.02 min
 Lab File: BF101281.D
 Acq: 11 Dec 2017 11:34

Tgt Ion:264 Resp: 104929
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.2 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

