

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101286.D
 Acq On : 11 Dec 2017 13:48
 Operator : SJ/JU
 Sample : I6746-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(30-40)

Quant Time: Dec 11 17:02:34 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

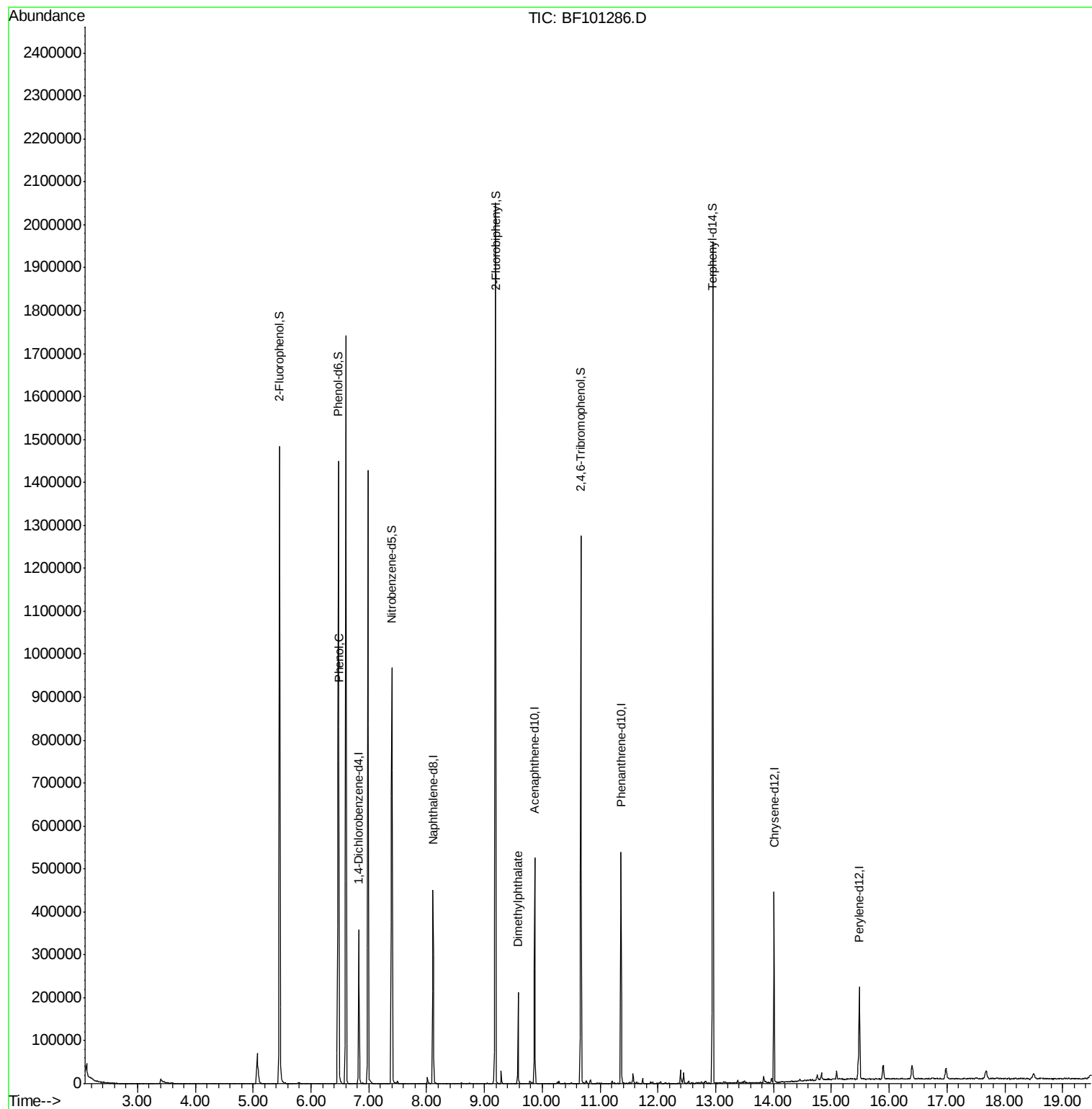
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	50141	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	202061	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	97291	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	189561	20.00	ng	0.00
75) Chrysene-d12	14.01	240	148206	20.00	ng	0.00
86) Perylene-d12	15.49	264	105380	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	470287	154.99	ng	0.02
7) Phenol-d6	6.47	99	577327	156.71	ng	0.01
23) Nitrobenzene-d5	7.40	82	358851	105.94	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	162590	139.12	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	718598	101.06	ng	0.00
78) Terphenyl-d14	12.95	244	703677	103.85	ng	0.01
Target Compounds						
10) Phenol	6.49	94	16336	3.988	ng	95
49) Dimethylphthalate	9.58	163	79472	10.129	ng	# 99

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

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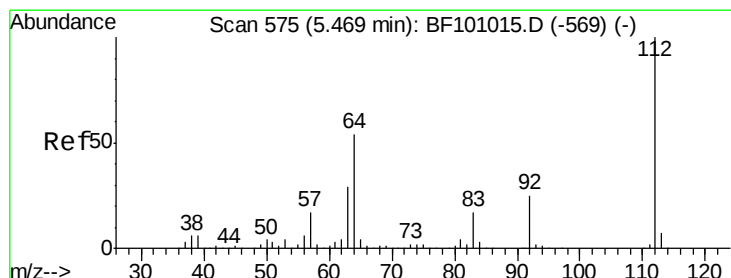
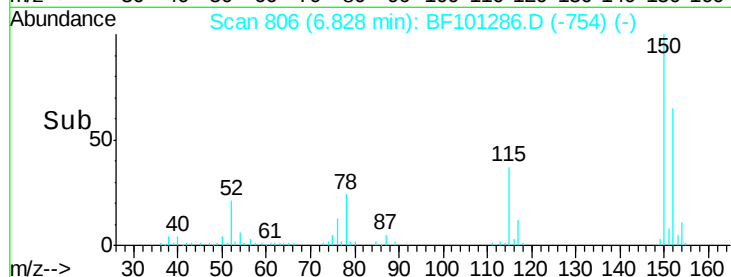
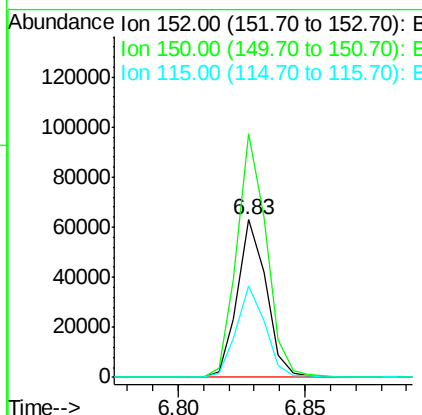
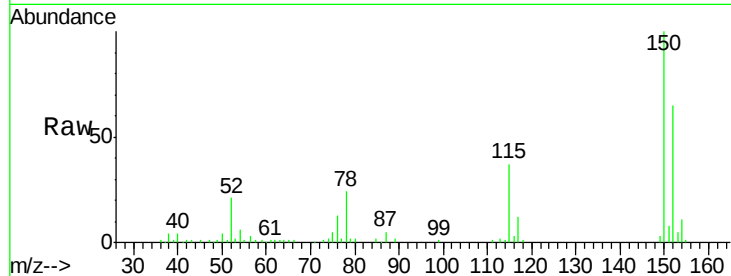


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(30-40)

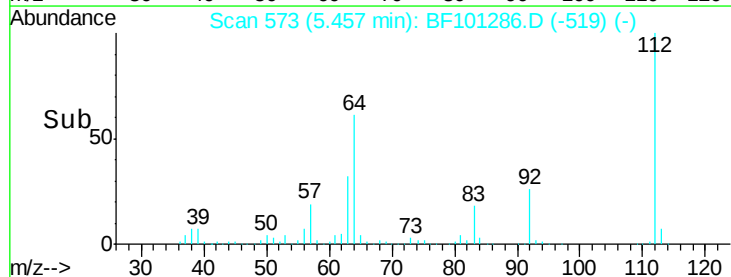
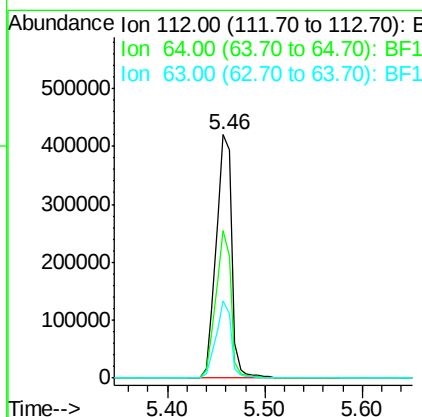
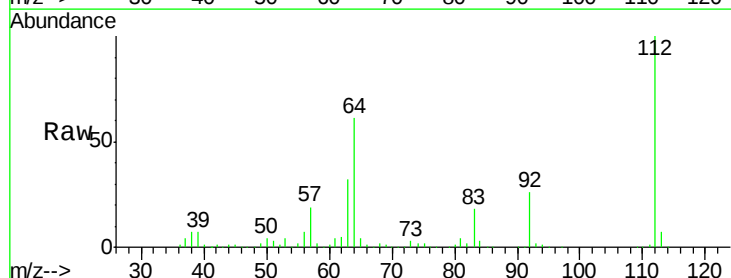
Tot Ion:152 Resp: 50141
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 57.7 50.1 75.1



#5

2-Fluorophenol
Concen: 154.988 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Tgt Ion:112 Resp: 470287
Ion Ratio Lower Upper
112 100
64 60.9 47.9 71.9
63 31.8 23.7 35.5





#7

Phenol-d6

Concen: 156.712 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101286.D

Acq: 11 Dec 2017 13:48

Instrument :

BNA_F

ClientSampleId :

ENV-109-4(30-40)

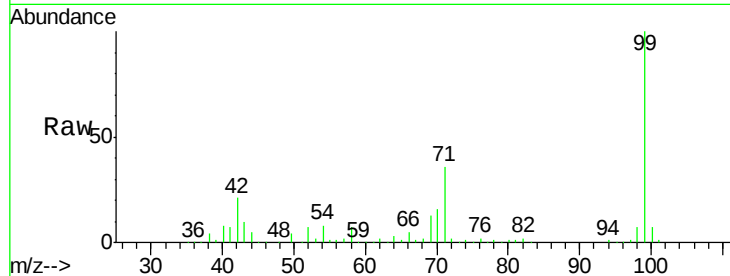
Tot Ion: 99 Resp: 577327

Ion Ratio Lower Upper

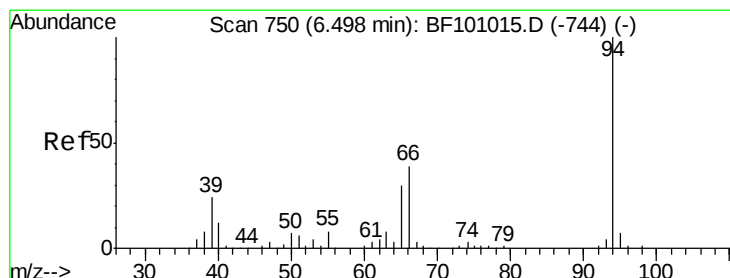
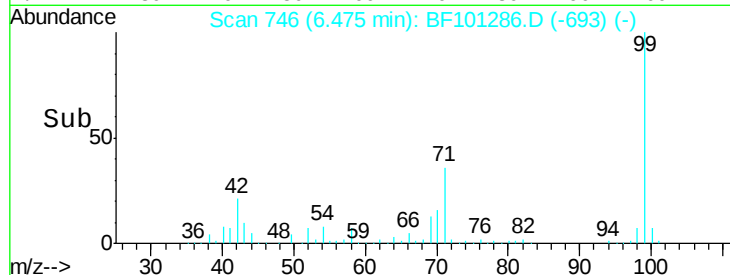
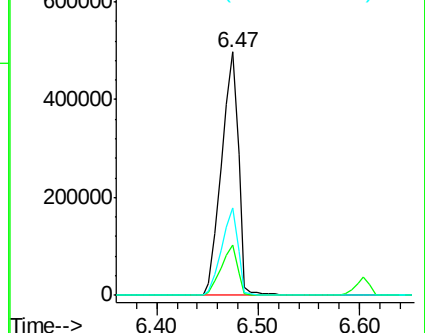
99 100

42 20.7 14.5 21.7

71 35.8 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: 3.988 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101286.D

Acq: 11 Dec 2017 13:48

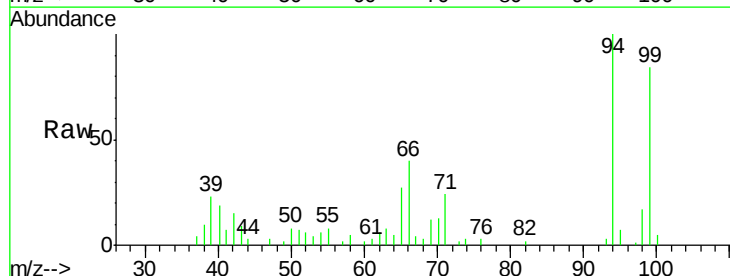
Tgt Ion: 94 Resp: 16336

Ion Ratio Lower Upper

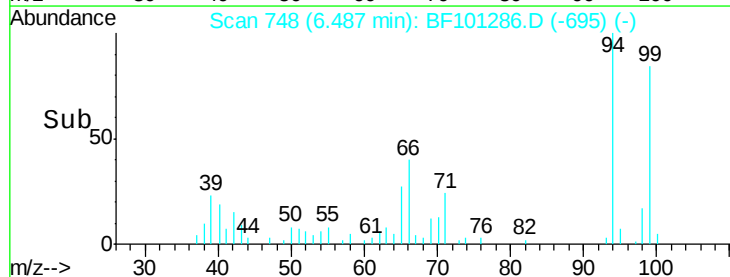
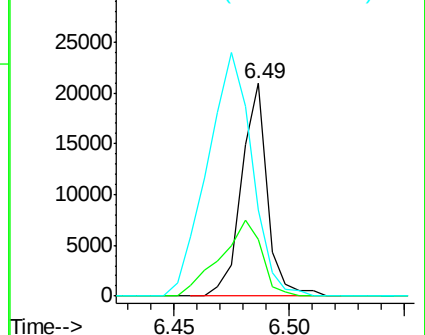
94 100

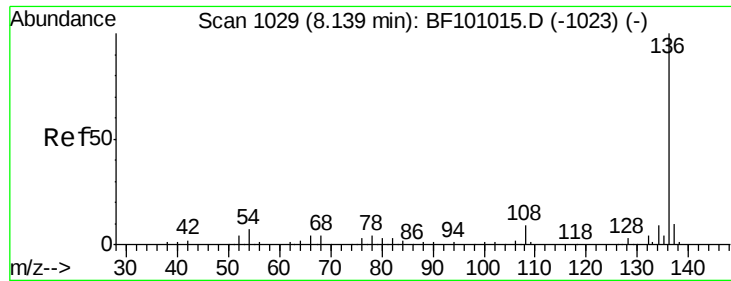
65 27.0 7.9 47.9

66 40.4 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

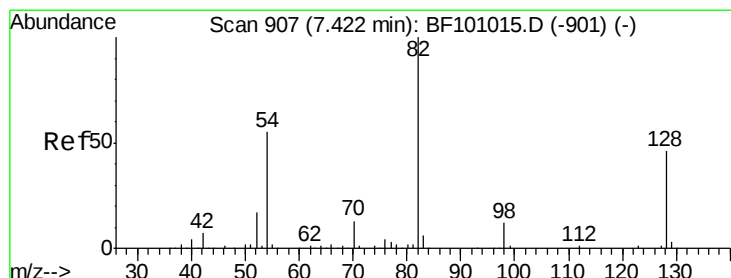
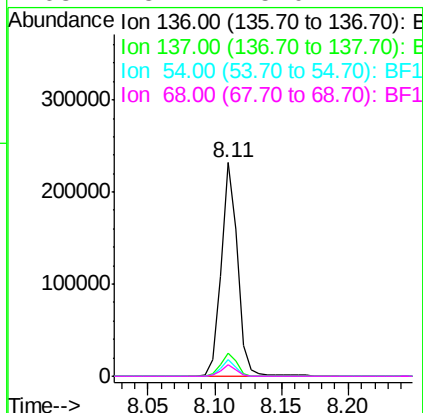
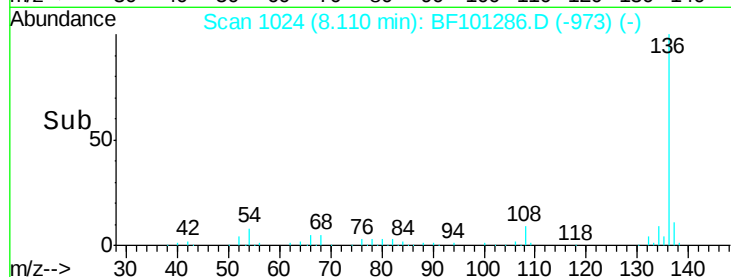
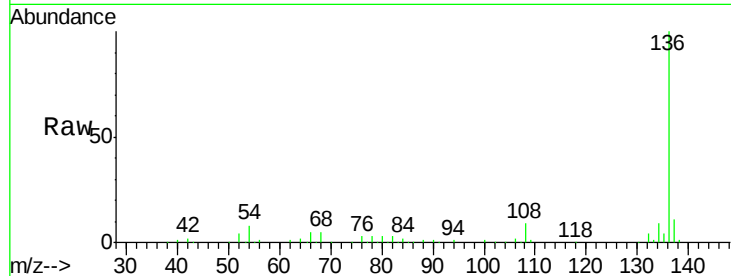




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

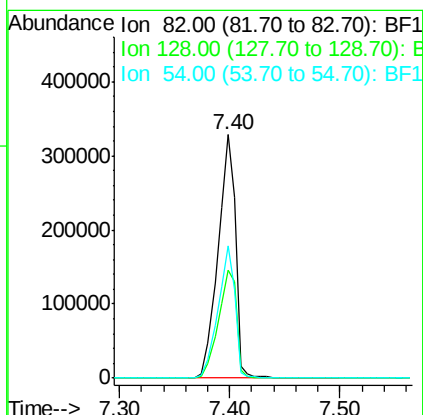
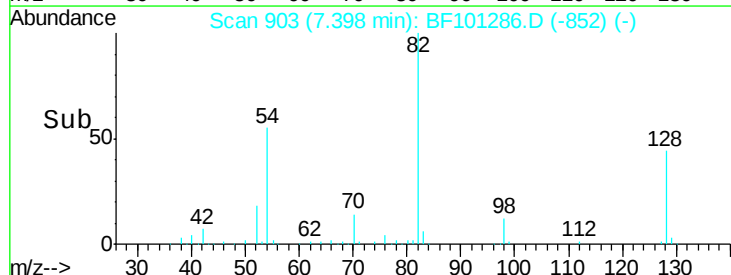
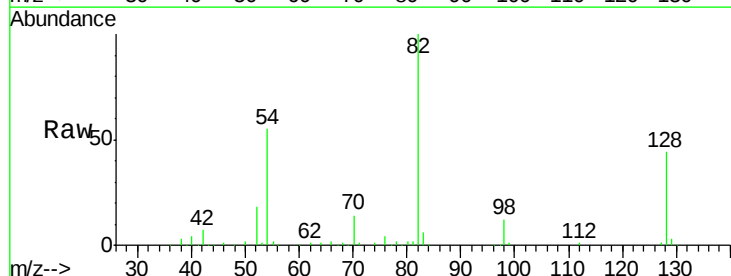
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(30-40)

Tot Ion:136	Resp:	202061
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.9 13.3
54	7.9	6.6 9.8
68	5.2	5.0 7.4



#23
Nitrobenzene-d5
Concen: 105.941 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Tgt Ion: 82	Resp:	358851
Ion	Ratio	Lower Upper
82	100	
128	44.4	36.1 54.1
54	54.6	41.4 62.2

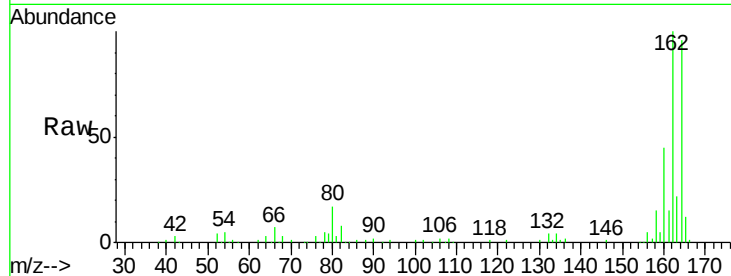




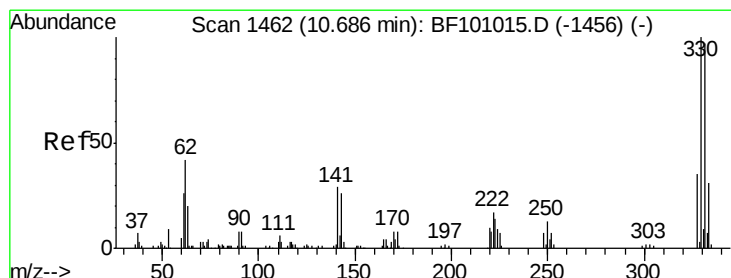
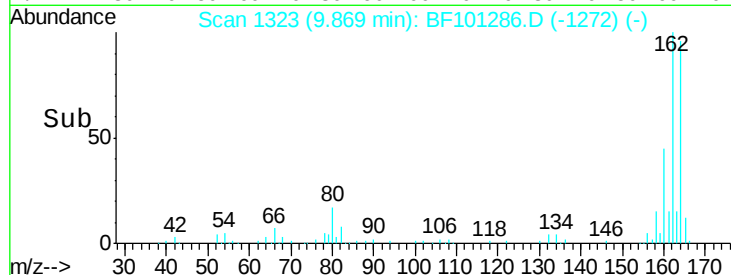
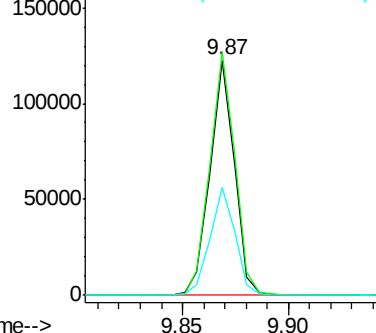
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Instrument :
BNA_F
ClientSampleId :
ENV-109-4(30-40)

Tot Ion:164 Resp: 97291
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 46.1 38.3 57.5

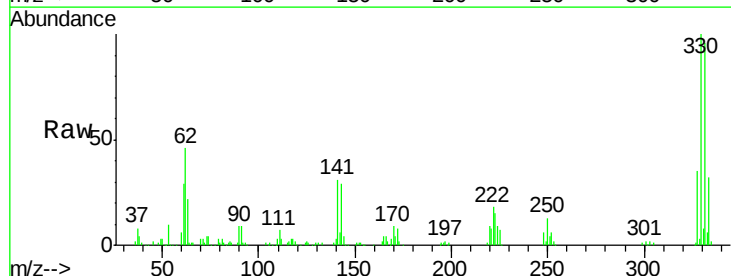


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

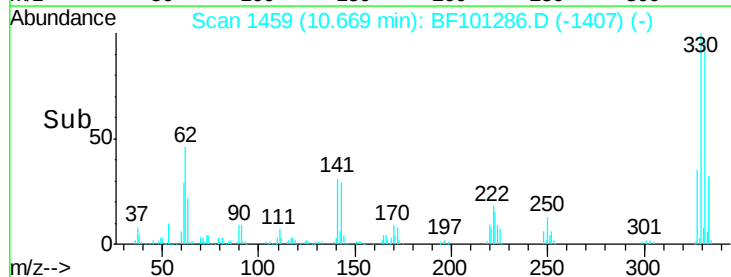
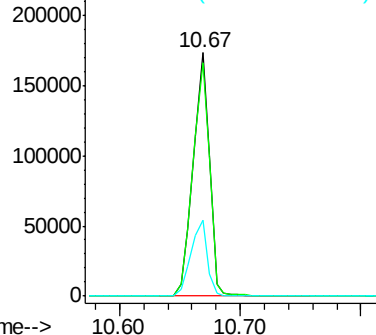


#41
2,4,6-Tribromophenol
Concen: 139.115 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Tgt Ion:330 Resp: 162590
Ion Ratio Lower Upper
330 100
332 98.3 77.0 115.6
141 31.1 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

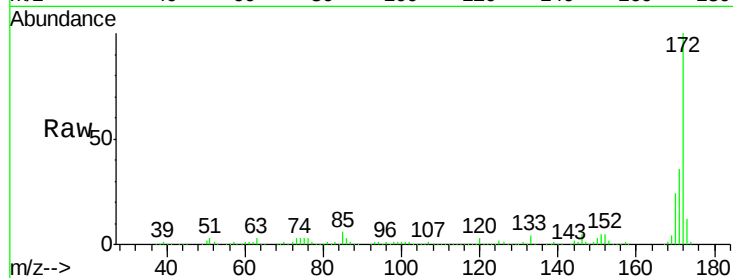




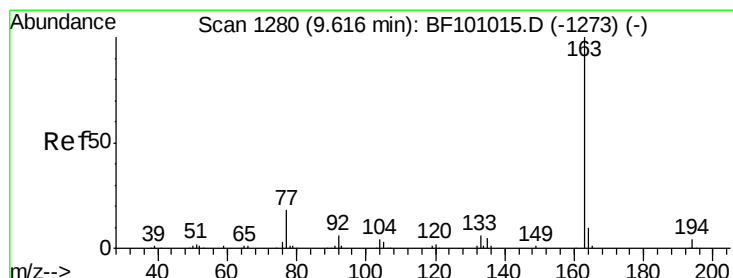
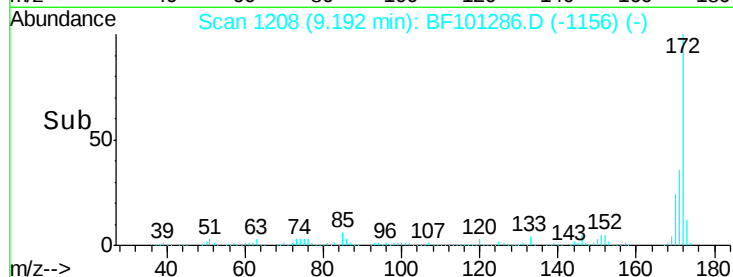
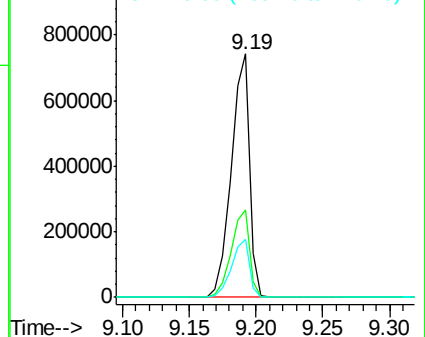
#44
 2-Fluorobiphenyl
 Concen: 101.056 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101286.D
 Acq: 11 Dec 2017 13:48

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(30-40)

Tot Ion:172 Resp: 718598
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.8 19.6 29.4

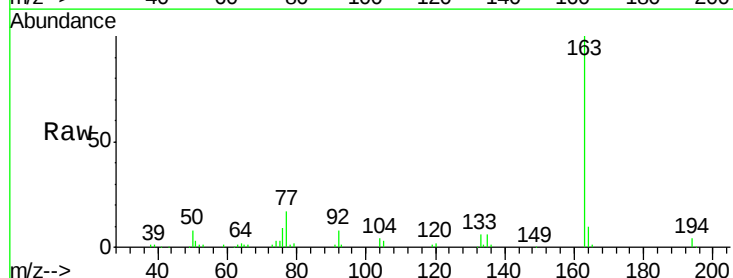


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

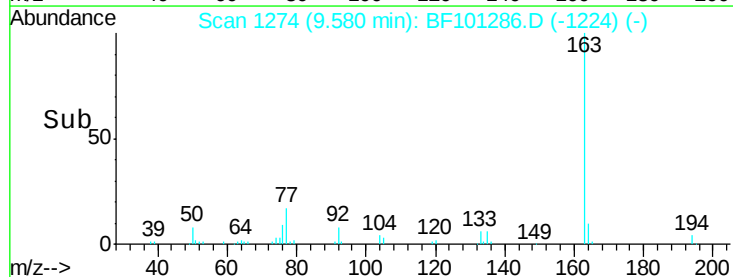
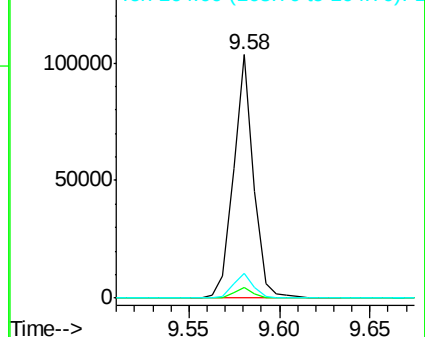


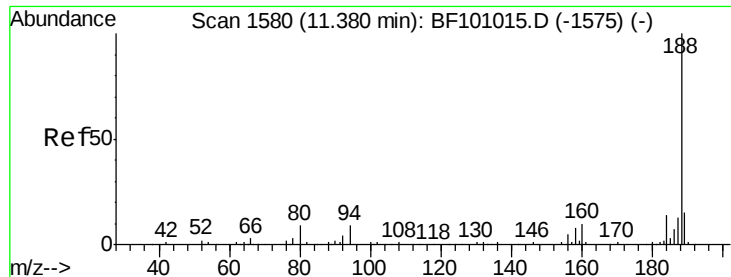
#49
 Dimethylphthalate
 Concen: 10.129 ng
 RT: 9.58 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF101286.D
 Acq: 11 Dec 2017 13:48

Tgt Ion:163 Resp: 79472
 Ion Ratio Lower Upper
 163 100
 194 4.2 2.7 4.1#
 164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

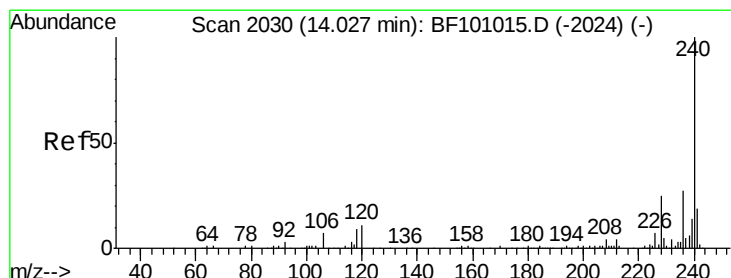
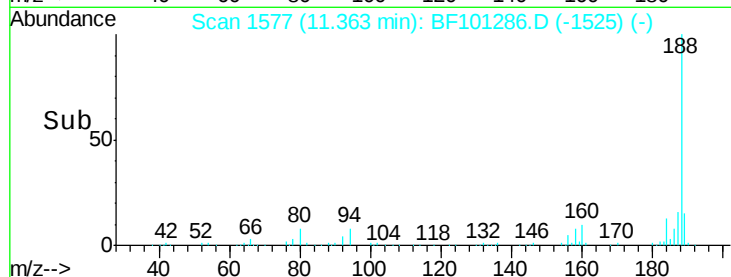
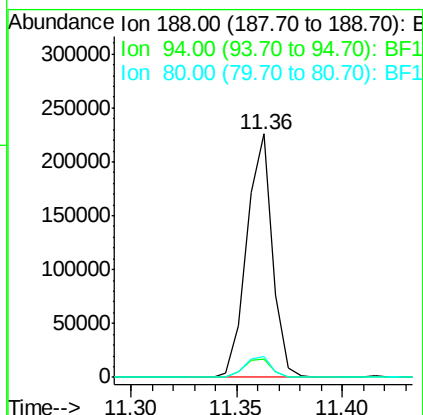
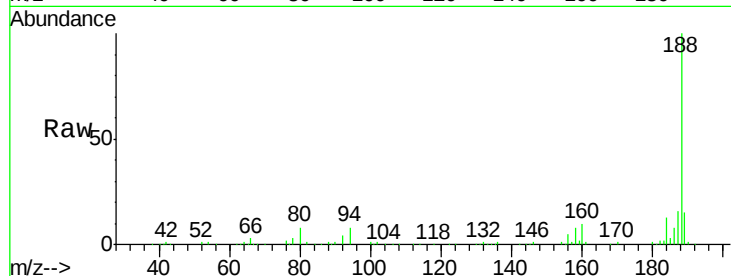




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

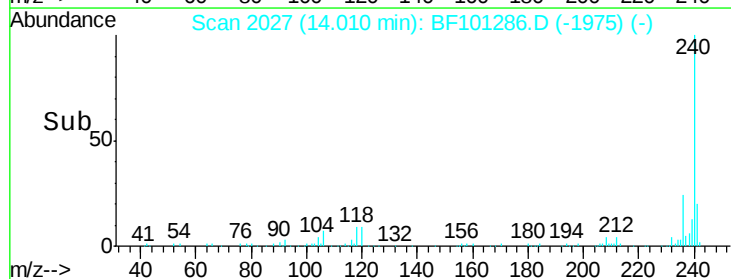
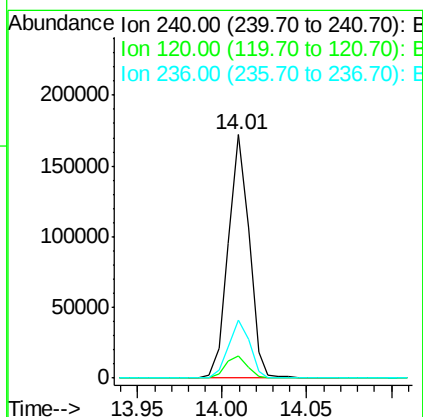
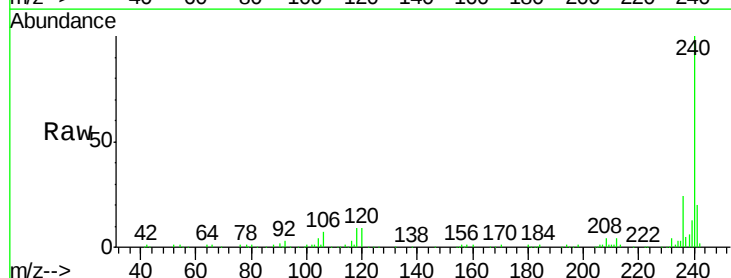
Instrument :
BNA_F
ClientSampleId :
ENV-109-4(30-40)

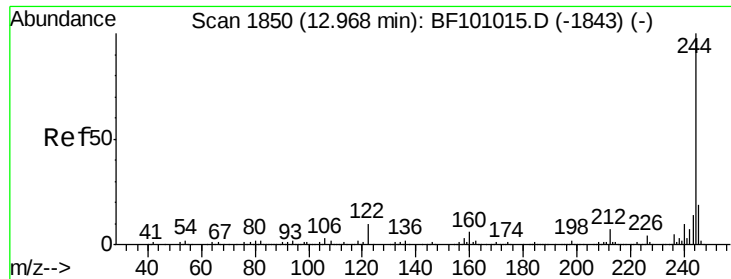
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.6	8.5	12.7#
80	8.4	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101286.D
Acq: 11 Dec 2017 13:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	24.1	20.7	31.1

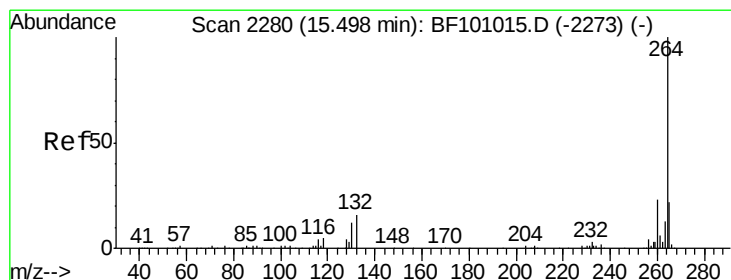
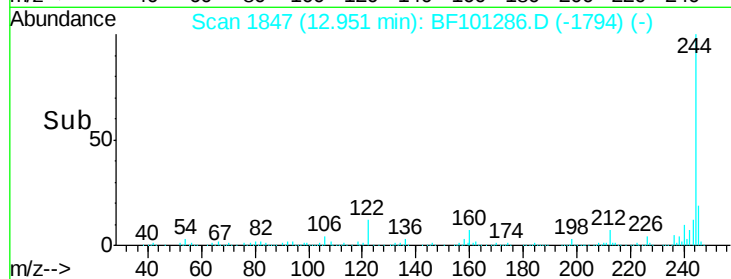
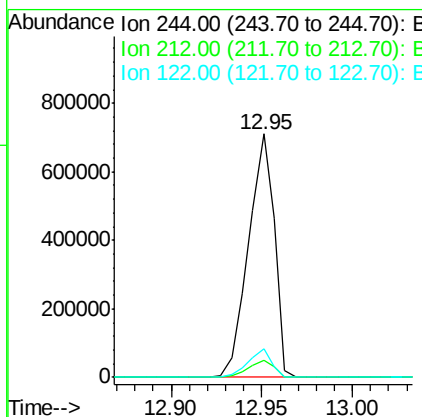
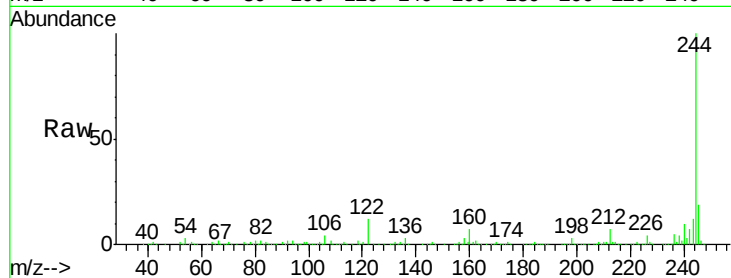




#78
 Terphenyl-d14
 Concen: 103.850 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101286.D
 Acq: 11 Dec 2017 13:48

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-4(30-40)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.02 min
 Lab File: BF101286.D
 Acq: 11 Dec 2017 13:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	17.5	26.3

