

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101137.D
 Acq On : 5 Dec 2017 21:03
 Operator : SJ/JU
 Sample : I6709-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-5(15-20)

Quant Time: Dec 06 02:47:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

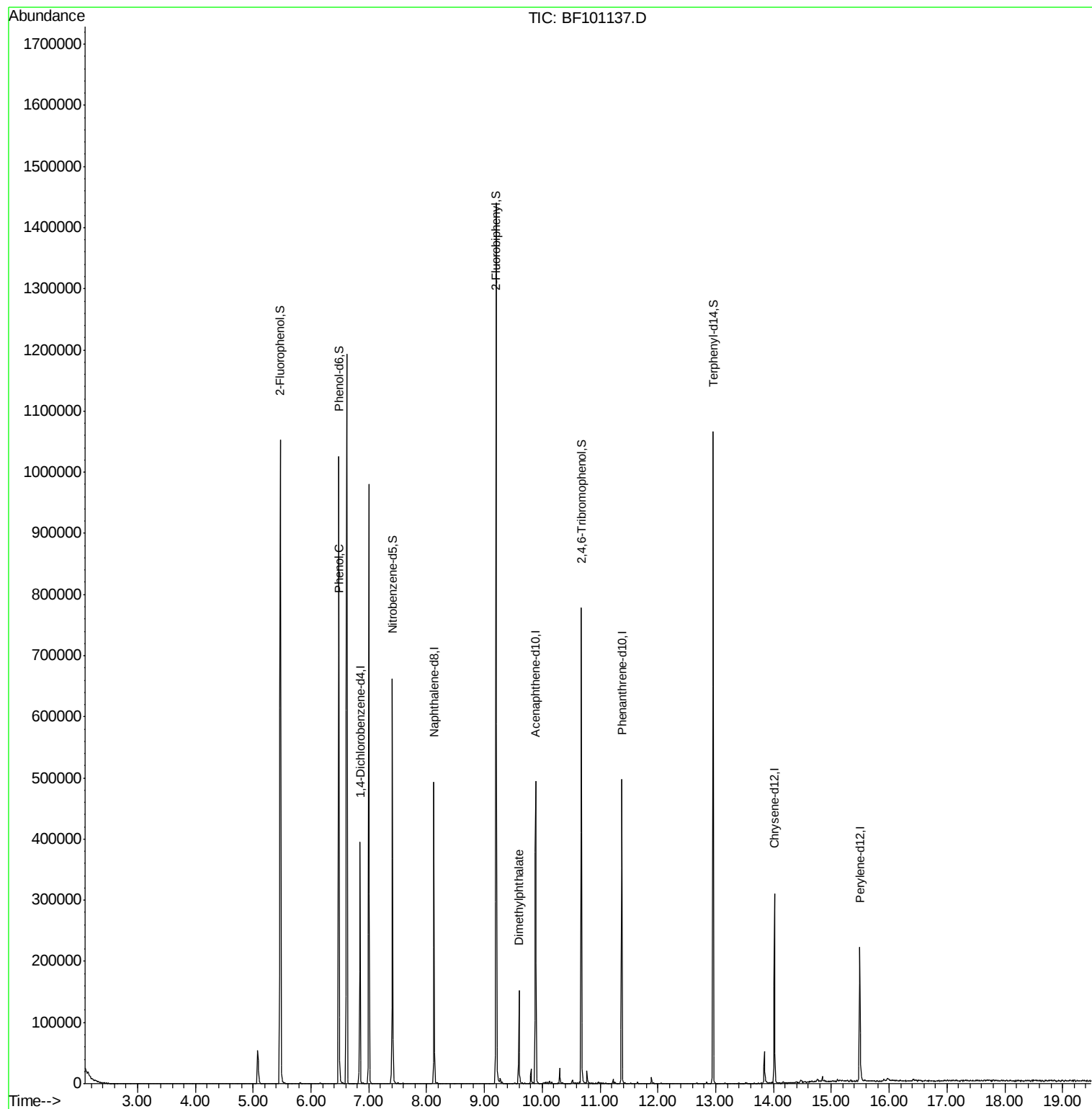
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54656	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	210331	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	97726	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	173865	20.00	ng	0.00
75) Chrysene-d12	14.02	240	109535	20.00	ng	0.00
86) Perylene-d12	15.49	264	115129	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	309114	93.46	ng	0.00
7) Phenol-d6	6.48	99	369188	91.94	ng	0.00
23) Nitrobenzene-d5	7.41	82	223075	63.27	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	96457	82.16	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	449664	62.95	ng	0.00
78) Terphenyl-d14	12.96	244	342625	68.42	ng	0.00
Target Compounds						
10) Phenol	6.49	94	11016	2.467	ng	85
49) Dimethylphthalate	9.60	163	70286	8.918	ng	# 99

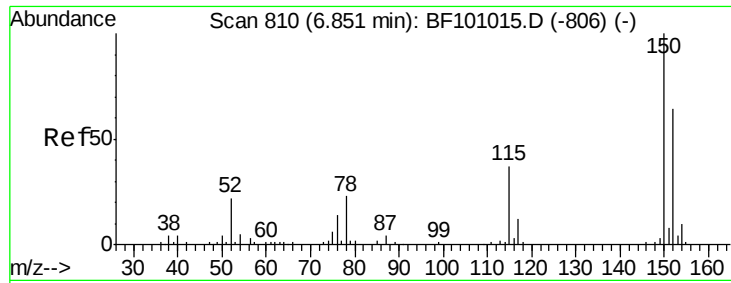
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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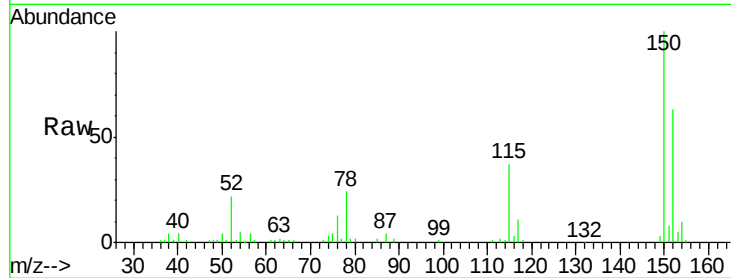




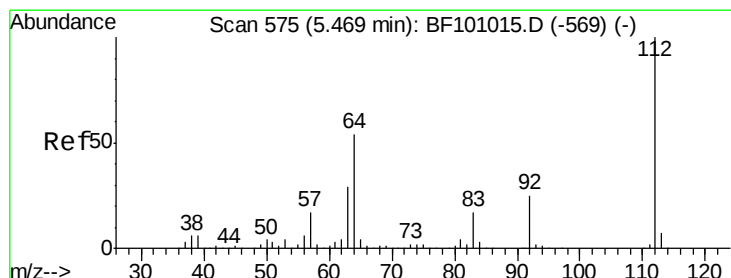
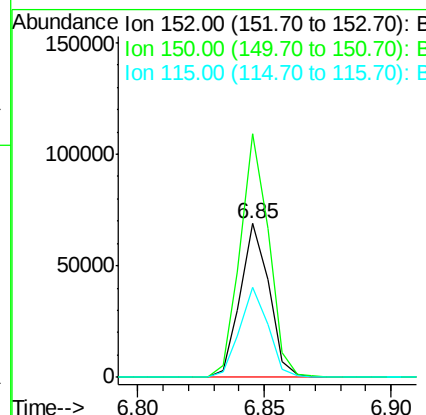
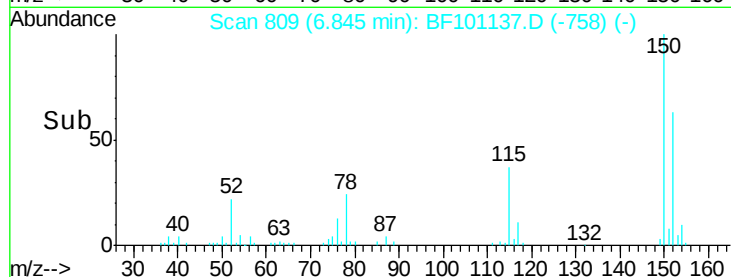
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101137.D
 Acq: 5 Dec 2017 21:03

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-5(15-20)

Tot Ion:152 Resp: 54656
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 58.4 50.1 75.1

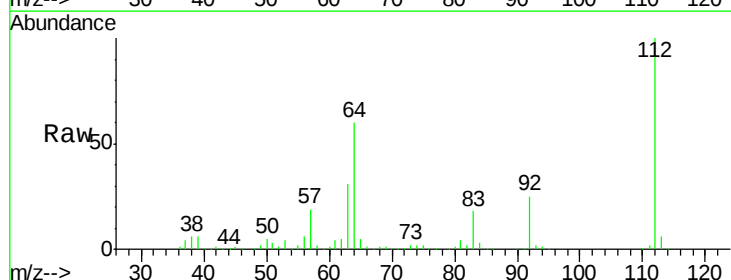


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

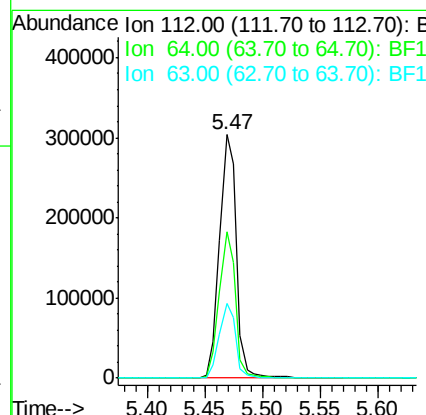
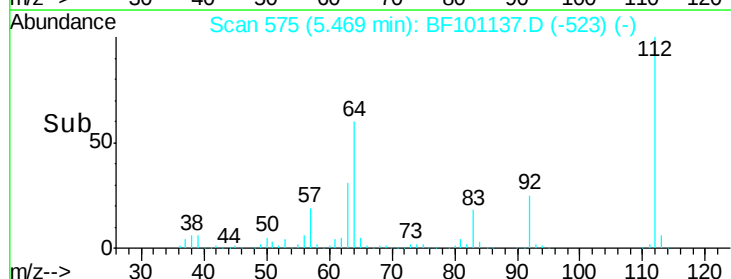


#5
 2-Fluorophenol
 Concen: 93.456 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF101137.D
 Acq: 5 Dec 2017 21:03

Tgt Ion:112 Resp: 309114
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.9 71.9
 63 30.7 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: 91.935 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF101137.D

Acq: 5 Dec 2017 21:03

Instrument :

BNA_F

ClientSampleId :

ENV-105-5(15-20)

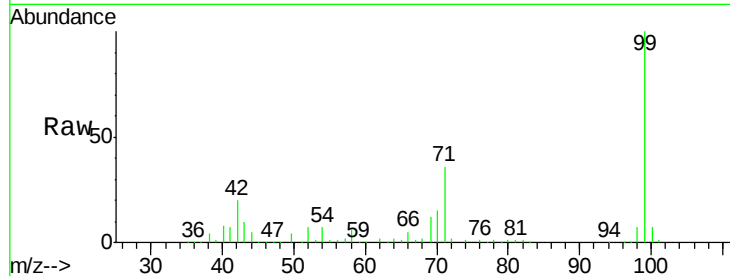
Tot Ion: 99 Resp: 369188

Ion Ratio Lower Upper

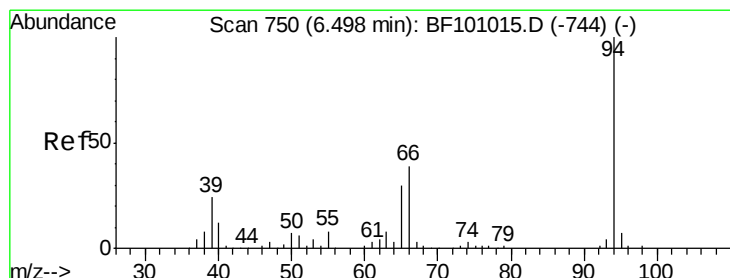
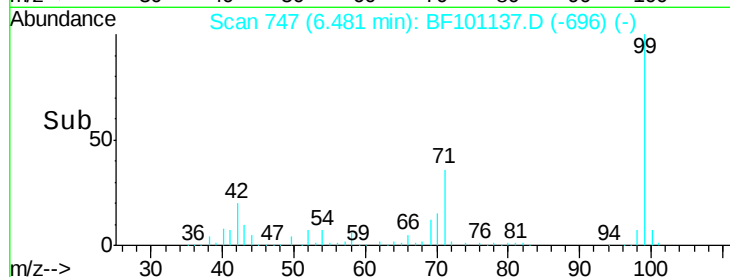
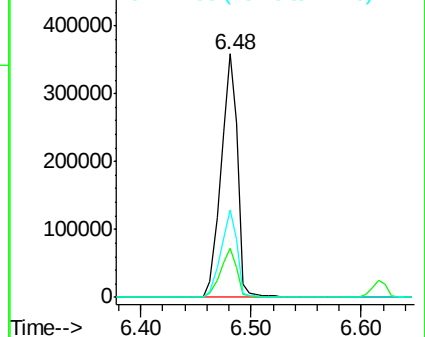
99 100

42 20.0 14.5 21.7

71 35.7 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: 2.467 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF101137.D

Acq: 5 Dec 2017 21:03

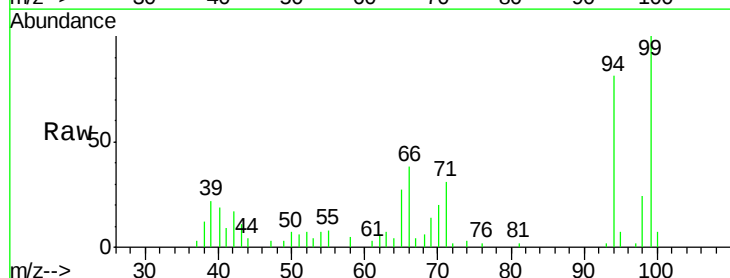
Tgt Ion: 94 Resp: 11016

Ion Ratio Lower Upper

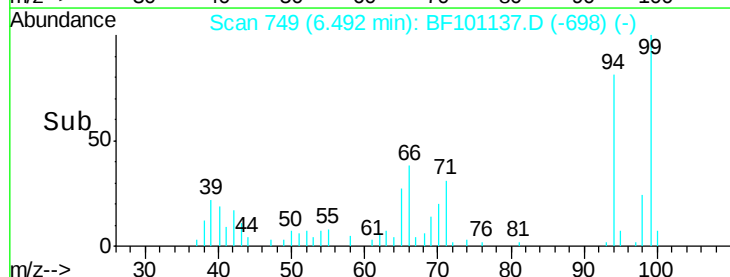
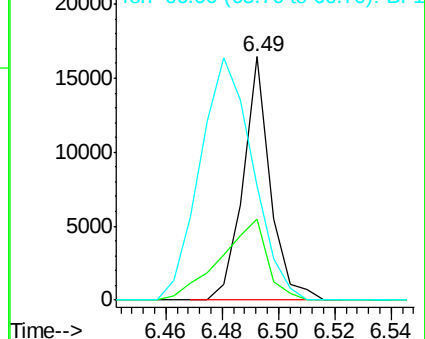
94 100

65 33.1 7.9 47.9

66 47.0 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

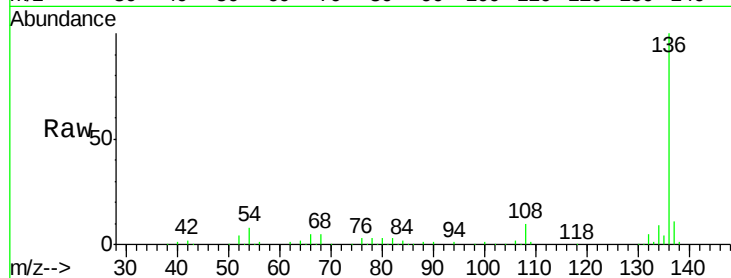




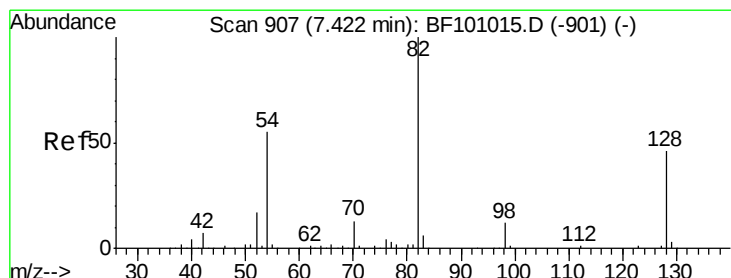
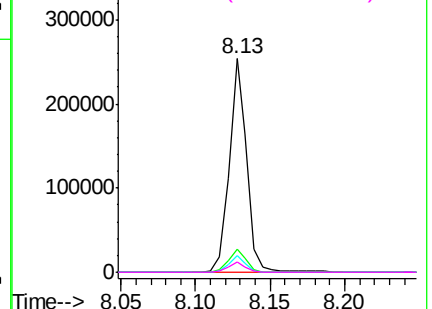
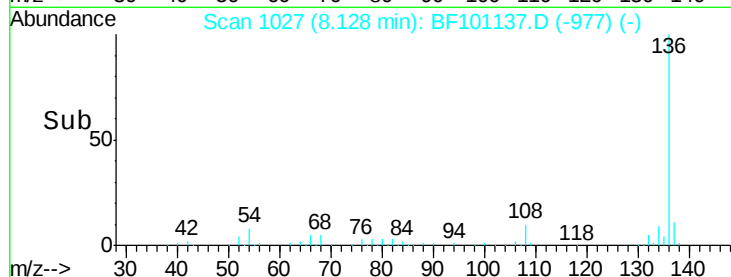
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101137.D
Acq: 5 Dec 2017 21:03

Instrument :
BNA_F
ClientSampleId :
ENV-105-5(15-20)

Tot Ion:136	Resp:	210331
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.8	6.6 9.8
68	4.7	5.0 7.4#

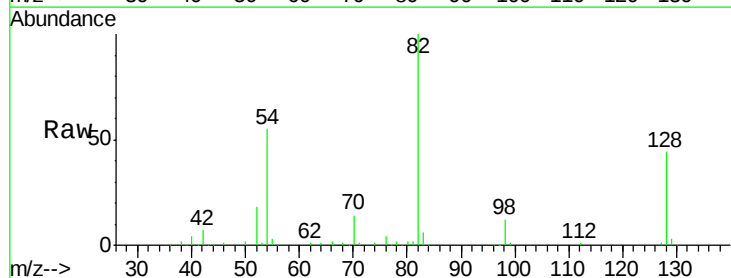


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

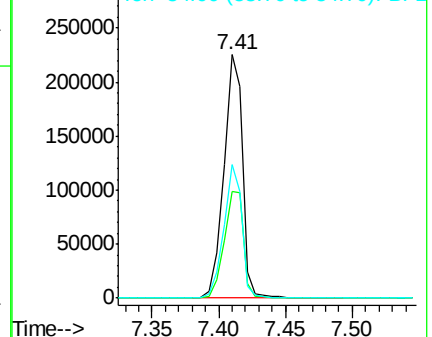
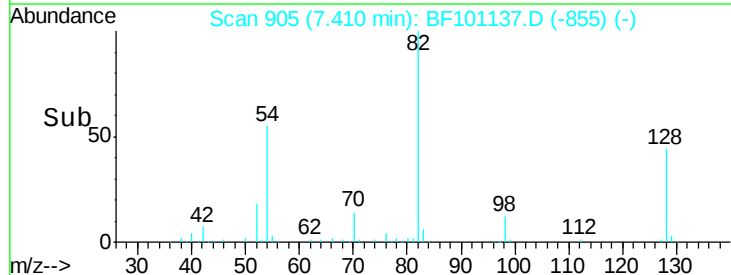


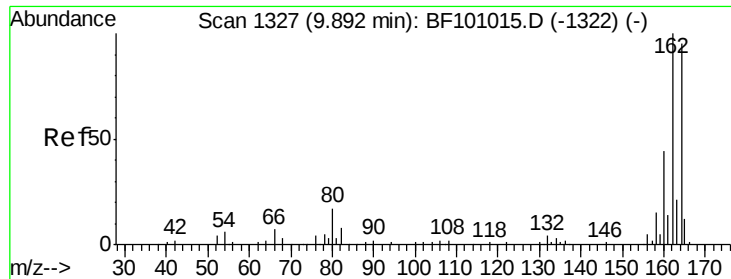
#23
Nitrobenzene-d5
Concen: 63.268 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF101137.D
Acq: 5 Dec 2017 21:03

Tgt Ion: 82	Resp:	223075
Ion Ratio	Lower	Upper
82	100	
128	43.9	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): E
Ion 54.00 (53.70 to 54.70): BF1

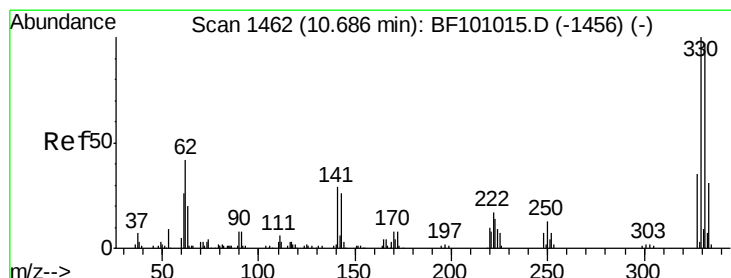
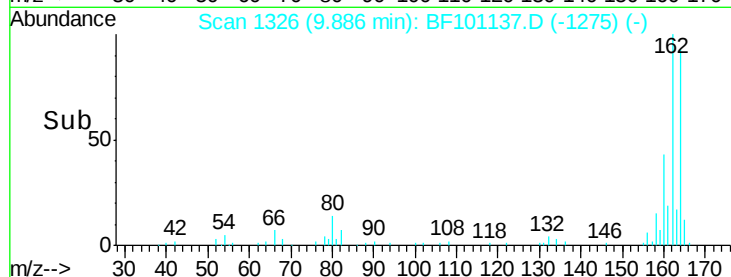
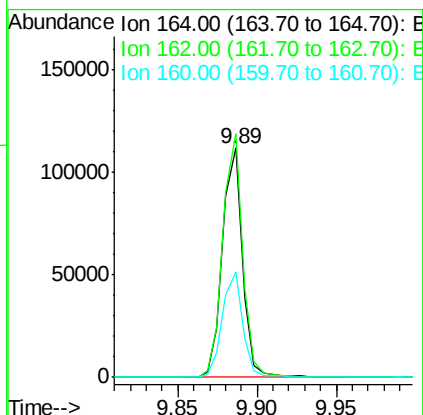
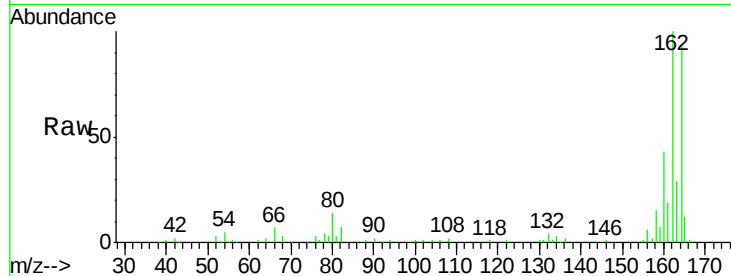




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF101137.D
Acq: 5 Dec 2017 21:03

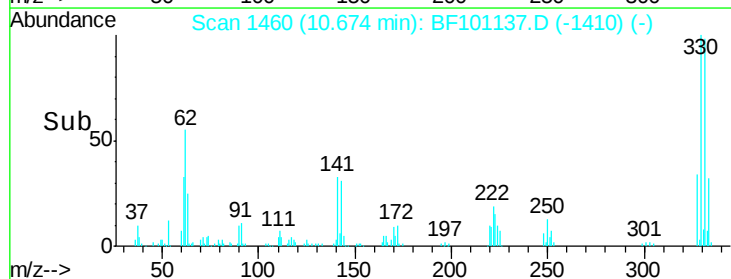
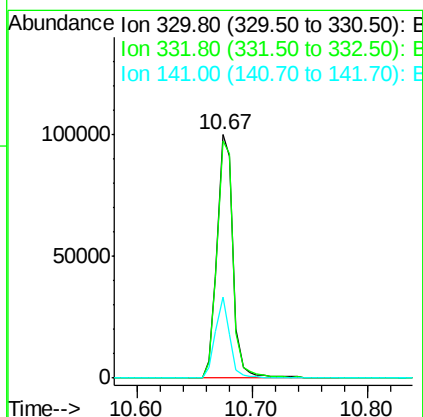
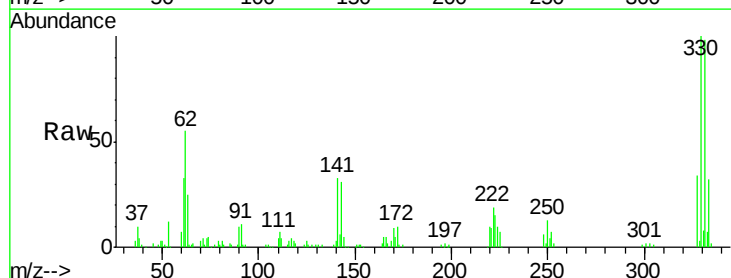
Instrument :
BNA_F
ClientSampleId :
ENV-105-5(15-20)

Tot Ion:164 Resp: 97726
Ion Ratio Lower Upper
164 100
162 106.3 86.1 129.1
160 45.9 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 82.163 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101137.D
Acq: 5 Dec 2017 21:03

Tgt Ion:330 Resp: 96457
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.6
141 29.7 29.9 44.9#

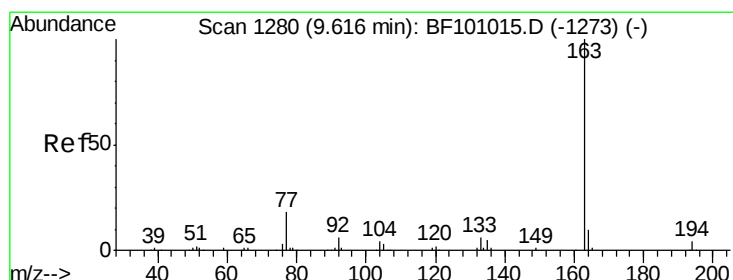
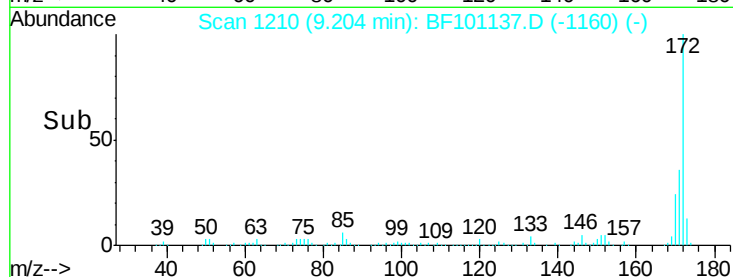
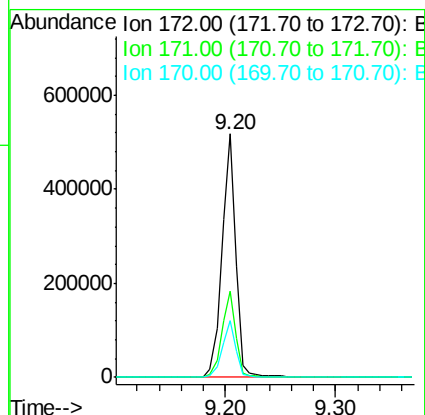
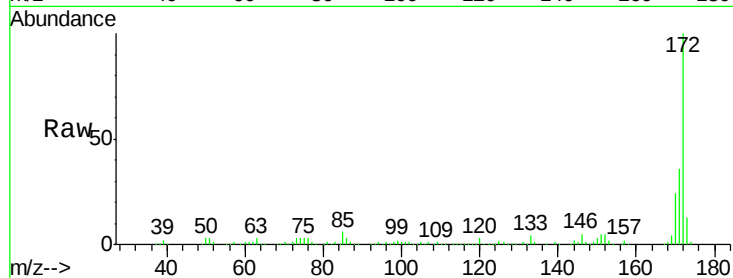




#44
2-Fluorobiphenyl
Concen: 62.955 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101137.D
Acq: 5 Dec 2017 21:03

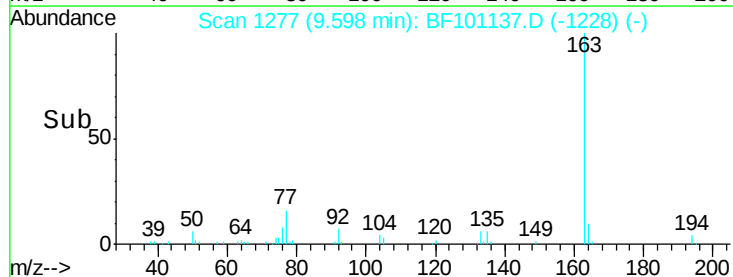
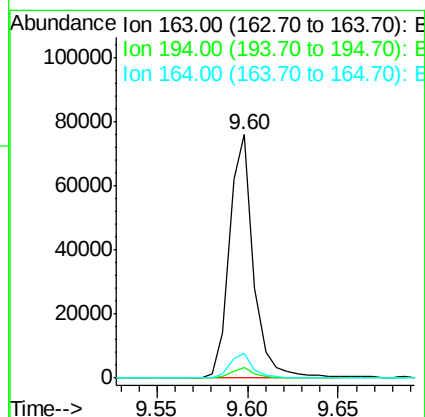
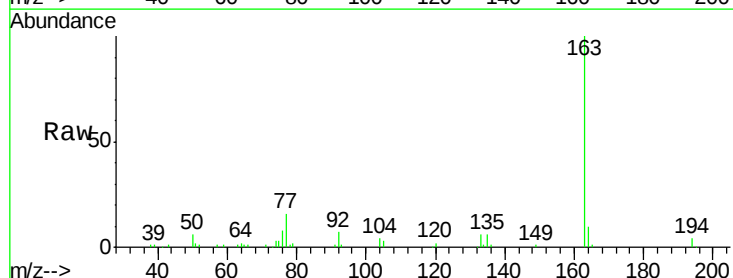
Instrument :
BNA_F
ClientSampleId :
ENV-105-5(15-20)

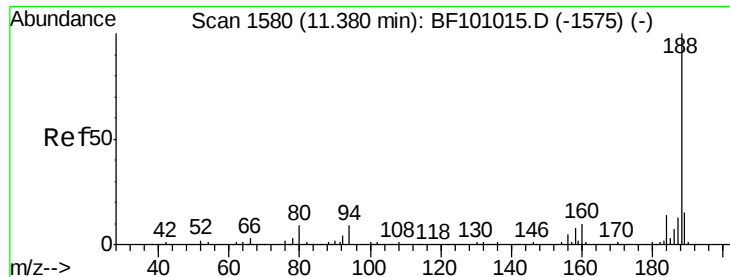
Tot Ion:172 Resp: 449664
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 8.918 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101137.D
Acq: 5 Dec 2017 21:03

Tgt Ion:163 Resp: 70286
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.1 8.2 12.2

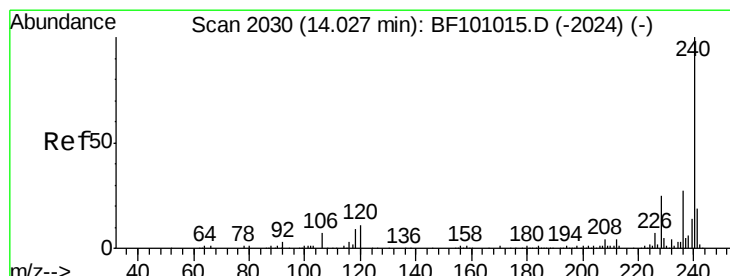
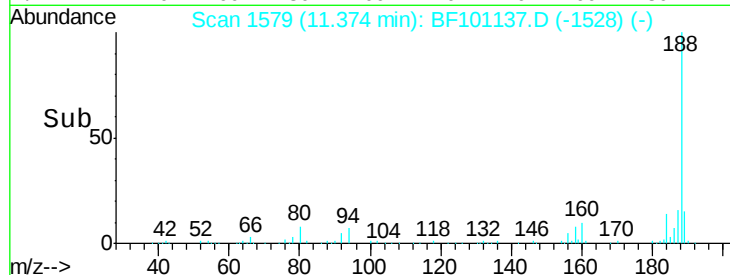
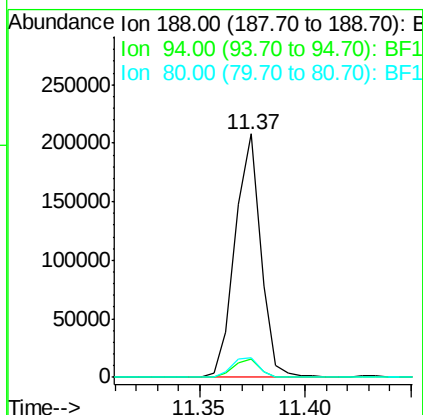
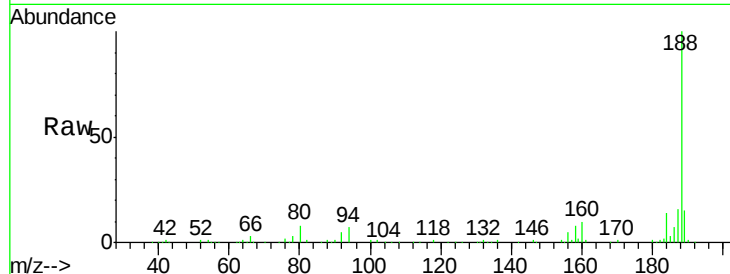




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101137.D
Acq: 5 Dec 2017 21:03

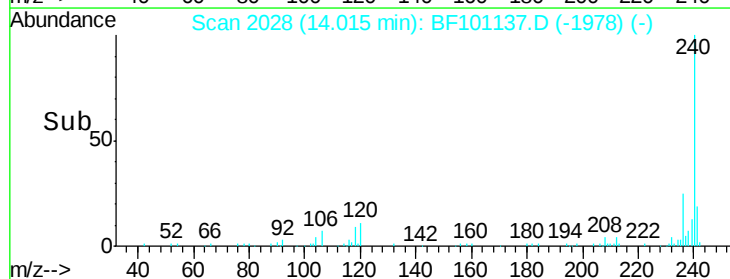
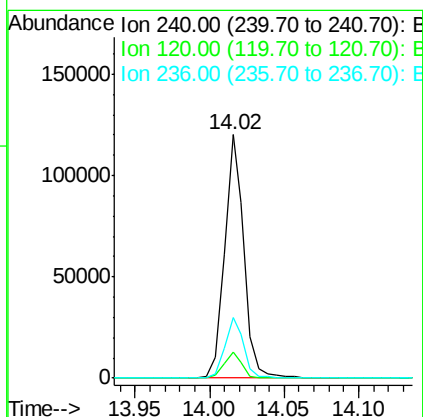
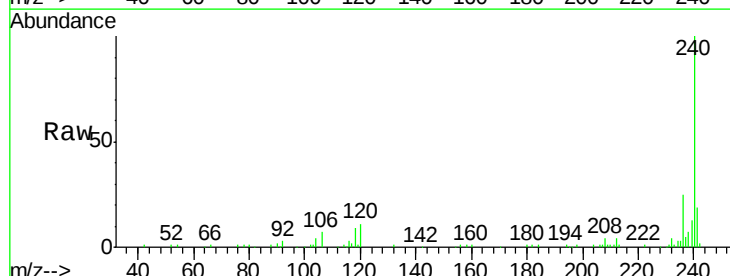
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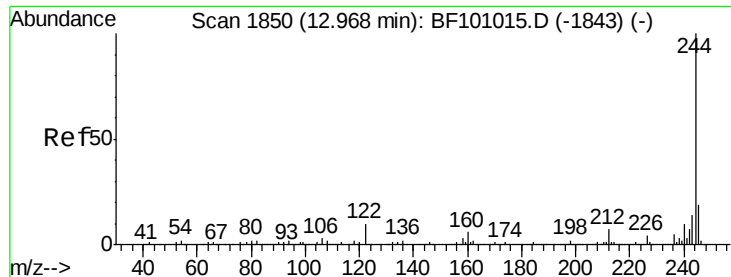
Tot Ion:188 Resp: 173865
Ion Ratio Lower Upper
188 100
94 7.4 8.5 12.7#
80 8.2 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101137.D
Acq: 5 Dec 2017 21:03

Tgt Ion:240 Resp: 109535
Ion Ratio Lower Upper
240 100
120 10.5 9.5 14.3
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 68.417 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101137.D

Acq: 5 Dec 2017 21:03

Instrument :

BNA_F

ClientSampleId :

ENV-105-5(15-20)

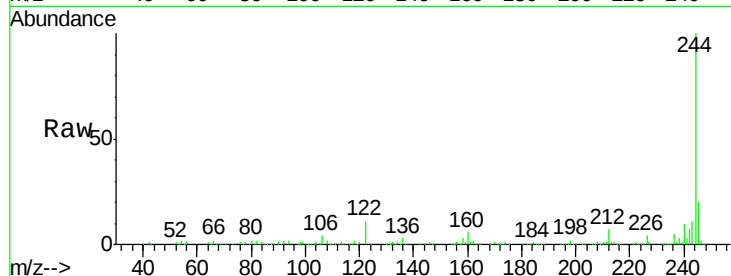
Tot Ion:244 Resp: 342625

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

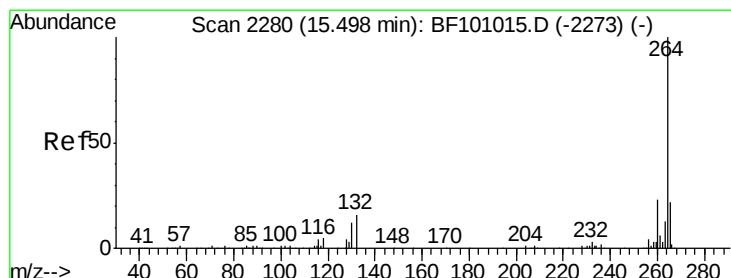
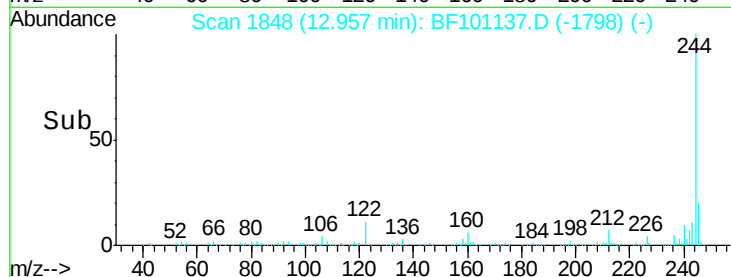
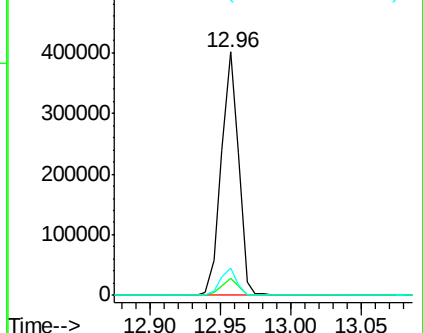
122 11.0 11.0 16.4



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. 0.00 min

Lab File: BF101137.D

Acq: 5 Dec 2017 21:03

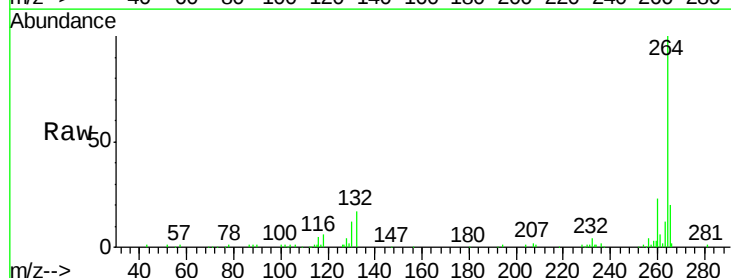
Tgt Ion:264 Resp: 115129

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.4 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

