

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101291.D
 Acq On : 11 Dec 2017 16:02
 Operator : SJ/JU
 Sample : I6747-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-6(0-5)

Quant Time: Dec 11 17:09:06 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

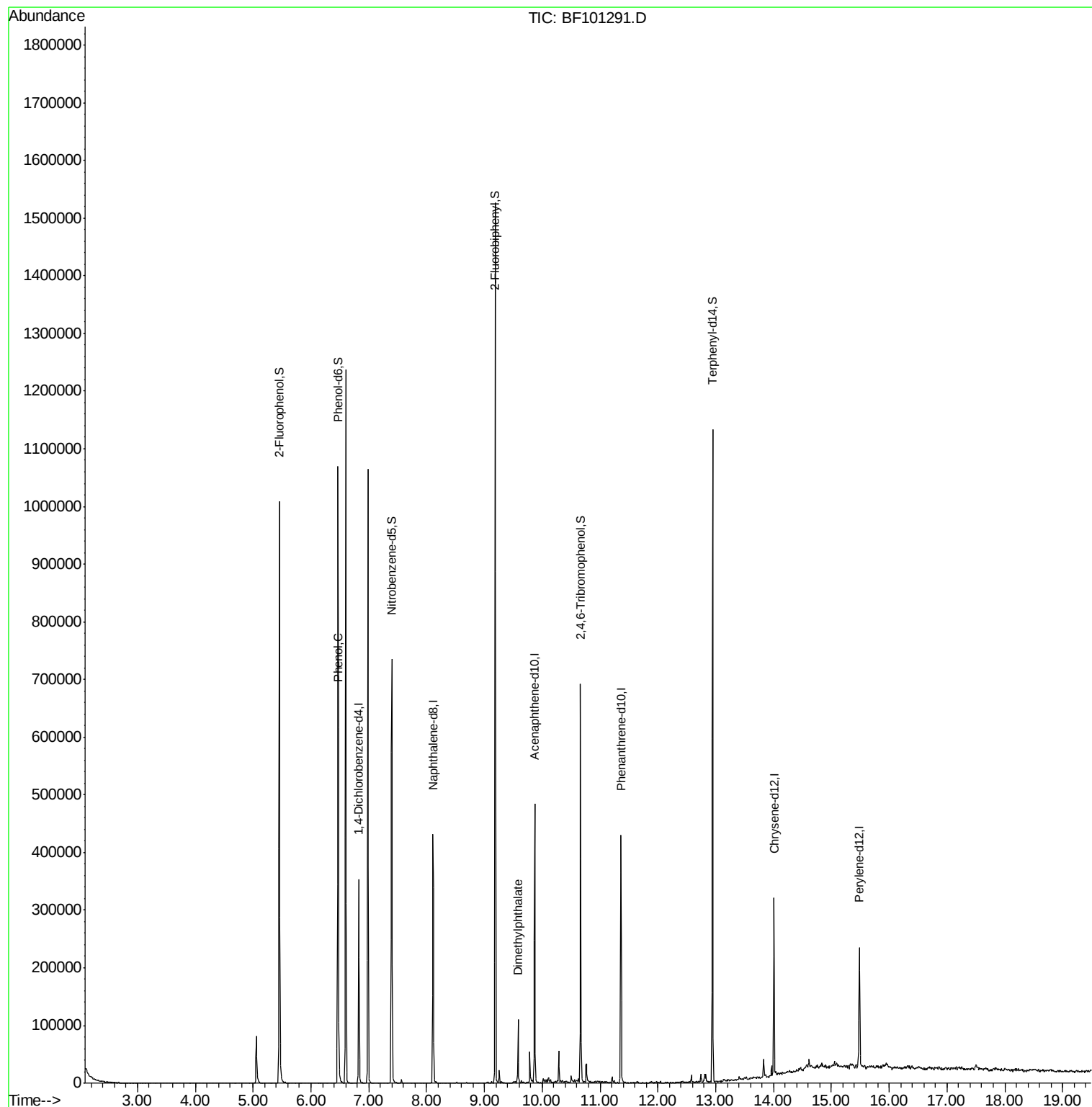
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	49518	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	194186	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	87674	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	157678	20.00	ng	0.00
75) Chrysene-d12	14.01	240	98944	20.00	ng	0.00
86) Perylene-d12	15.49	264	99083	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	294817	98.38	ng	0.02
7) Phenol-d6	6.47	99	367370	100.97	ng	0.00
23) Nitrobenzene-d5	7.40	82	224874	69.08	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	81515	77.40	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	456261	71.20	ng	0.00
78) Terphenyl-d14	12.94	244	372502	82.35	ng	0.00
Target Compounds						
10) Phenol	6.48	94	9756	2.412	ng	88
49) Dimethylphthalate	9.58	163	40247	5.692	ng	# 96

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

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BNA_F
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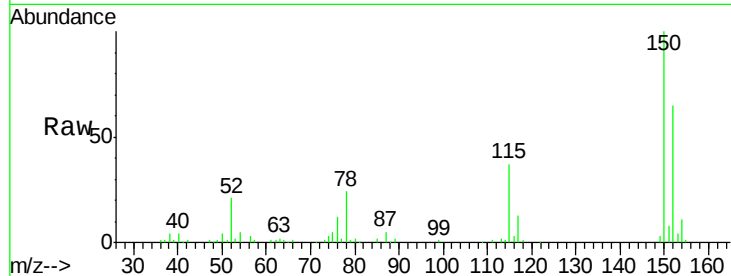


#1

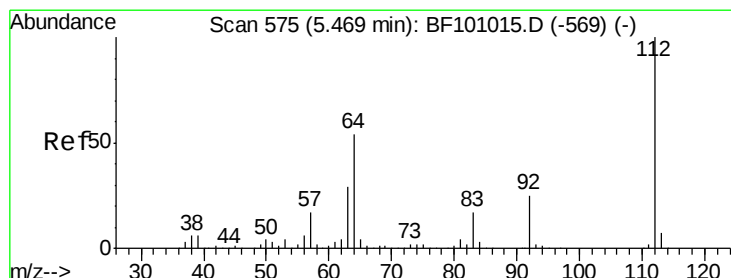
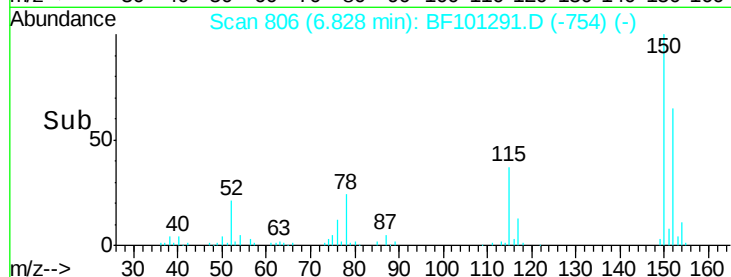
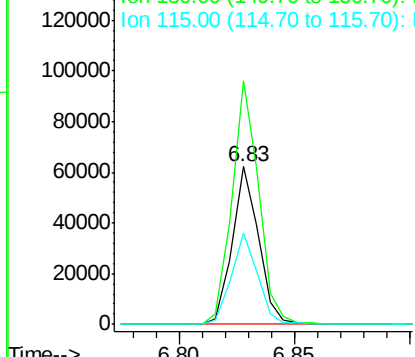
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101291.D
Acq: 11 Dec 2017 16:02

Instrument :
BNA_F
ClientSampleId :
EPE-106-6(0-5)

Tot Ion:152 Resp: 49518
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 57.8 50.1 75.1



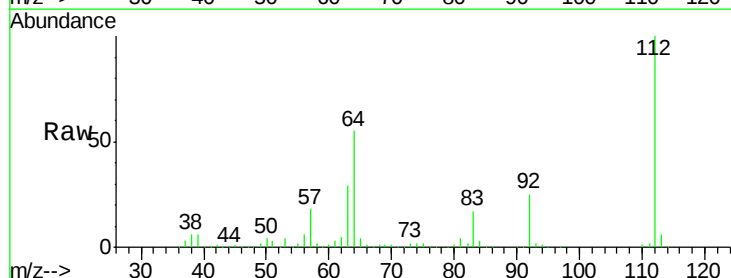
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



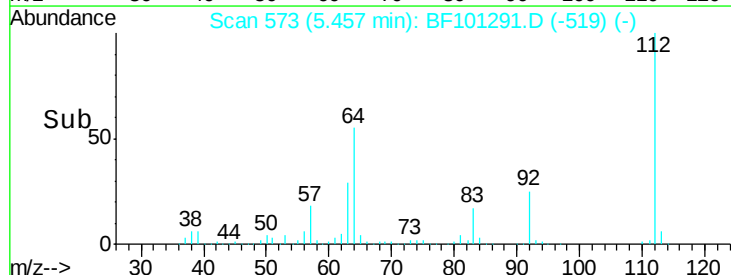
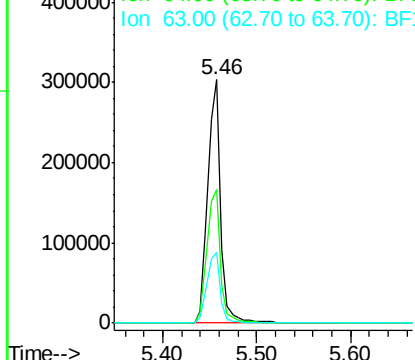
#5

2-Fluorophenol
Concen: 98.382 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101291.D
Acq: 11 Dec 2017 16:02

Tgt Ion:112 Resp: 294817
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 28.9 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: 100.975 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101291.D

Acq: 11 Dec 2017 16:02

Instrument :

BNA_F

ClientSampleId :

EPE-106-6(0-5)

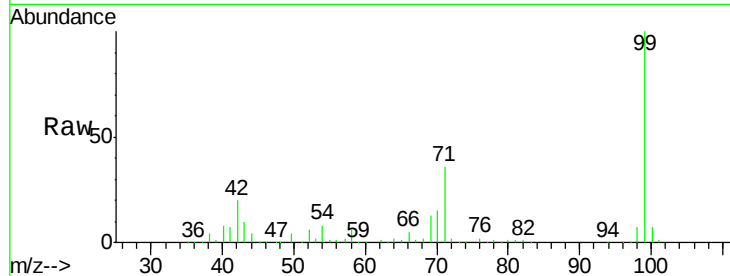
Tot Ion: 99 Resp: 367370

Ion Ratio Lower Upper

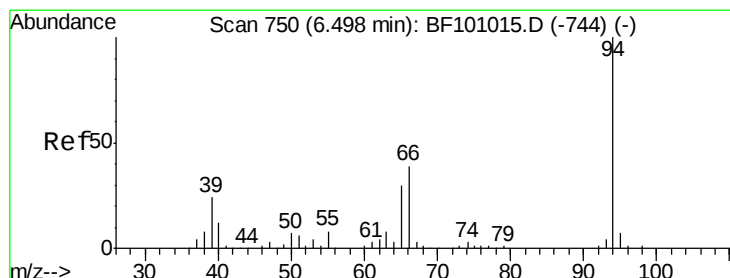
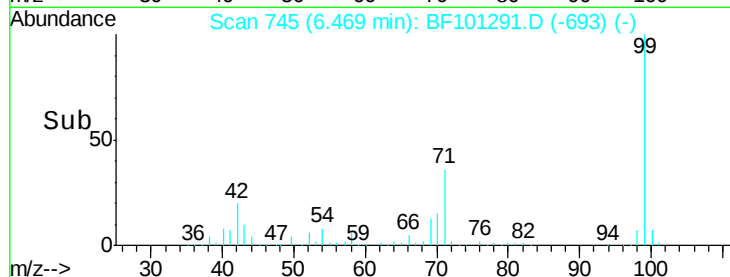
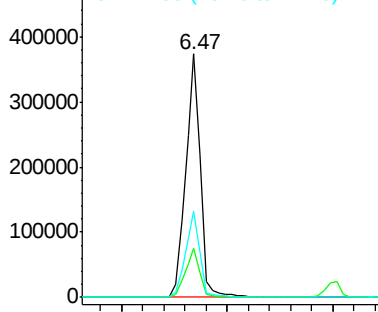
99 100

42 20.2 14.5 21.7

71 35.5 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: 2.412 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101291.D

Acq: 11 Dec 2017 16:02

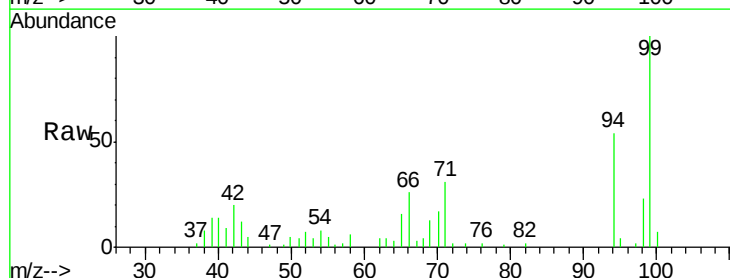
Tgt Ion: 94 Resp: 9756

Ion Ratio Lower Upper

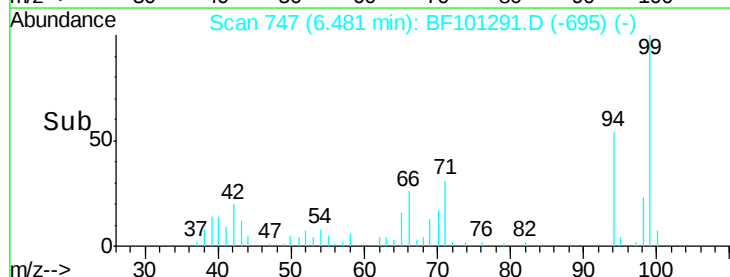
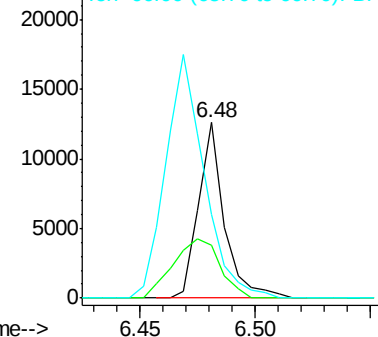
94 100

65 30.1 7.9 47.9

66 47.4 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

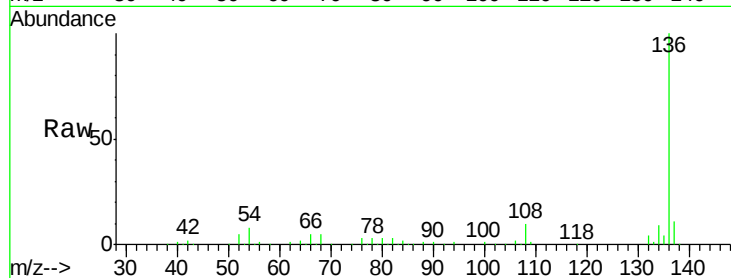




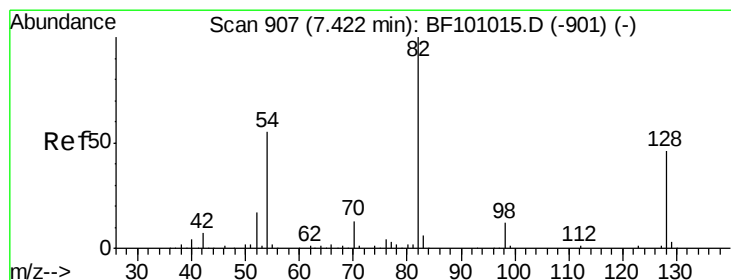
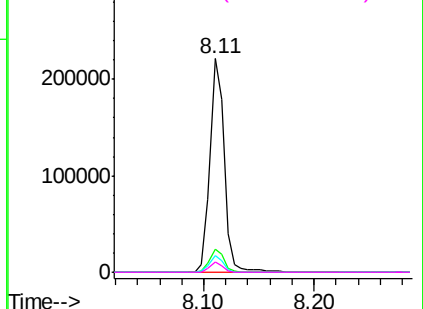
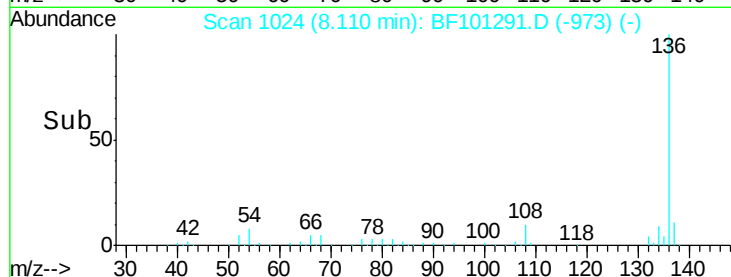
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101291.D
Acq: 11 Dec 2017 16:02

Instrument :
BNA_F
ClientSampleId :
EPE-106-6(0-5)

Tot Ion:136	Resp:	194186
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	7.6	6.6 9.8
68	5.1	5.0 7.4

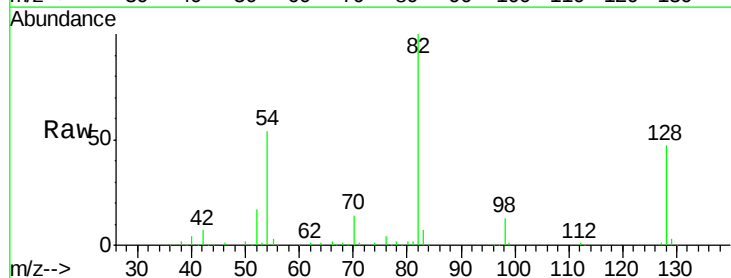


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

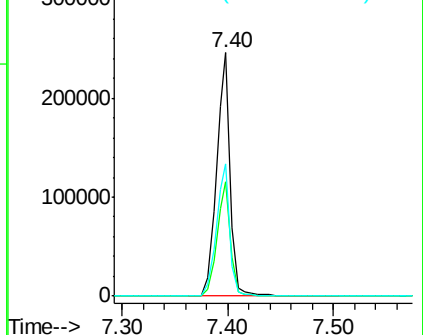
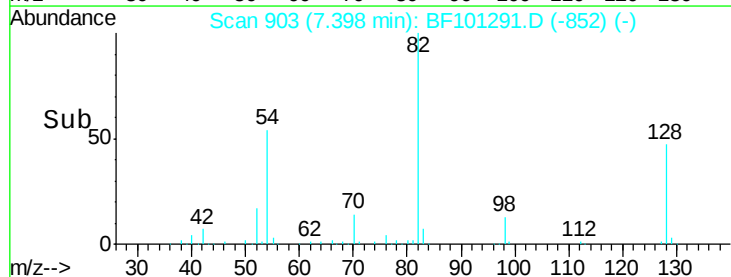


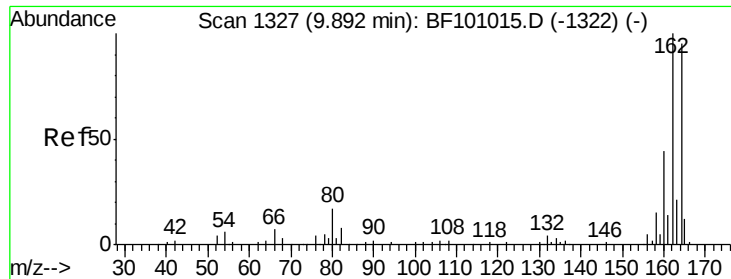
#23
Nitrobenzene-d5
Concen: 69.080 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101291.D
Acq: 11 Dec 2017 16:02

Tgt Ion: 82	Resp:	224874
Ion Ratio	Lower	Upper
82	100	
128	46.7	36.1 54.1
54	54.3	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: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF101291.D

Acq: 11 Dec 2017 16:02

Instrument :

BNA_F

ClientSampleId :

EPE-106-6(0-5)

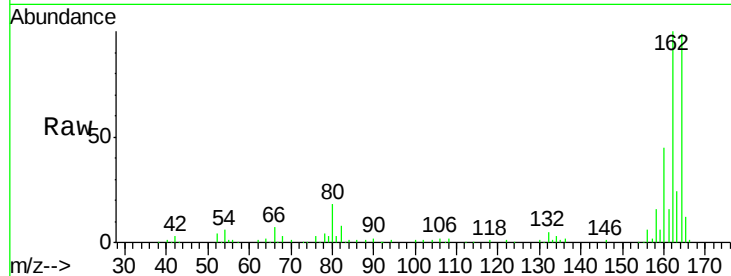
Tot Ion:164 Resp: 87674

Ion Ratio Lower Upper

164 100

162 101.1 86.1 129.1

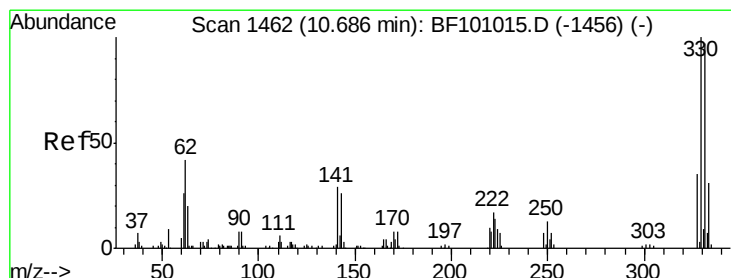
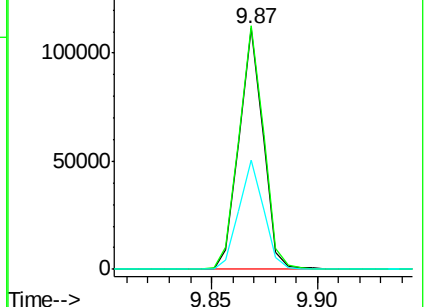
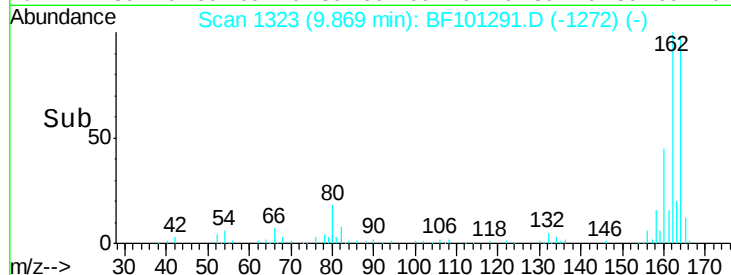
160 45.4 38.3 57.5



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: 77.396 ng

RT: 10.66 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BF101291.D

Acq: 11 Dec 2017 16:02

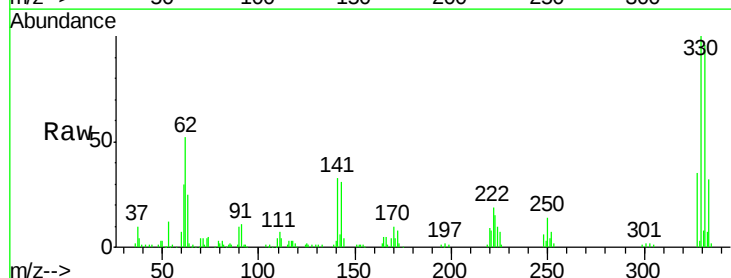
Tgt Ion:330 Resp: 81515

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

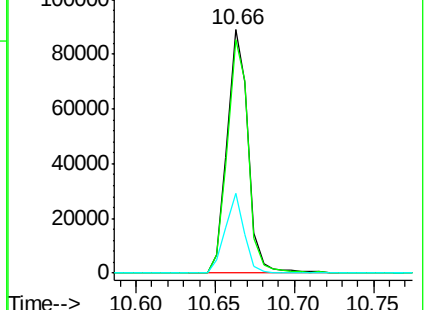
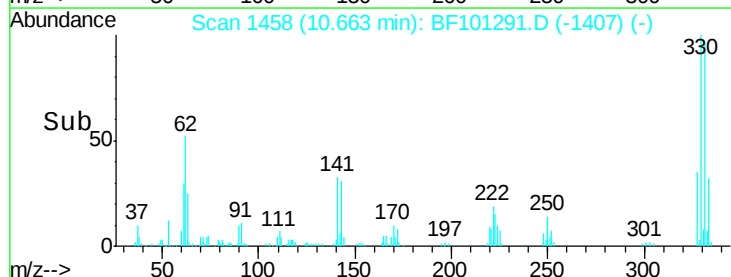
141 29.3 29.9 44.9#



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

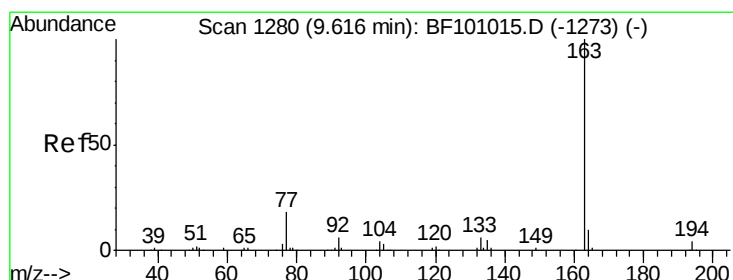
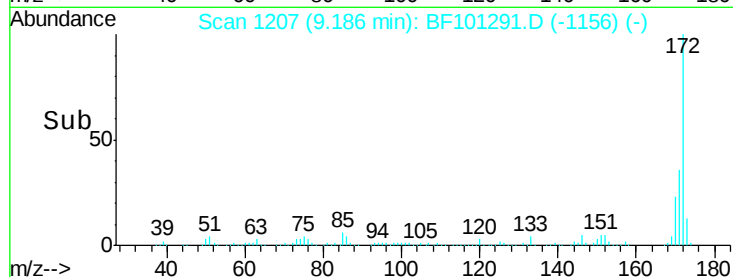
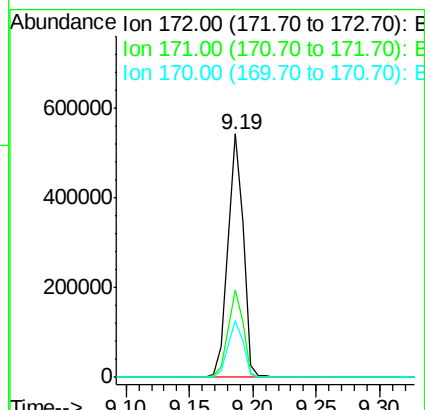
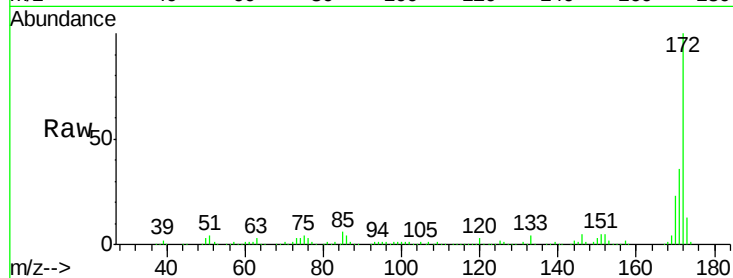




#44
2-Fluorobiphenyl
Concen: 71.202 ng
RT: 9.19 min Scan# 1207
Delta R.T. 0.00 min
Lab File: BF101291.D
Acq: 11 Dec 2017 16:02

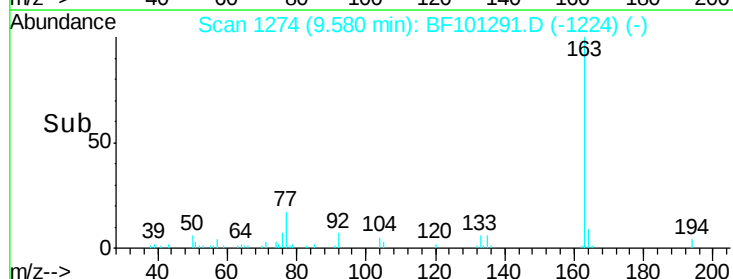
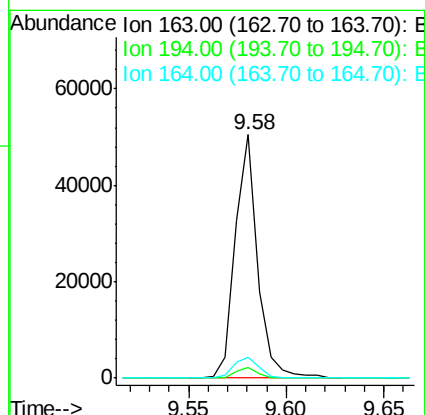
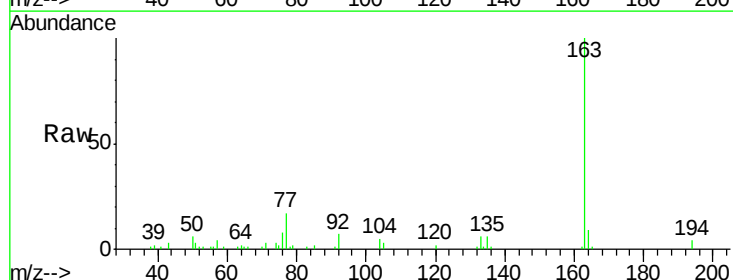
Instrument :
BNA_F
ClientSampleId :
EPE-106-6(0-5)

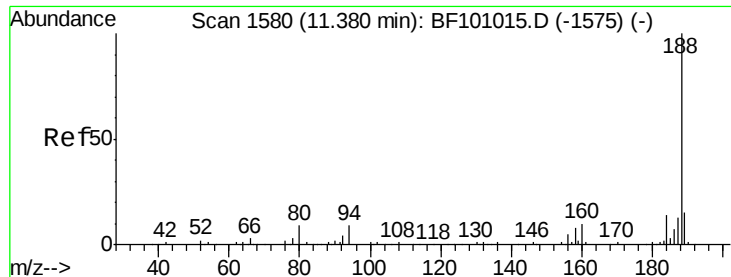
Tot Ion:172 Resp: 456261
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.3 19.6 29.4



#49
Dimethylphthalate
Concen: 5.692 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101291.D
Acq: 11 Dec 2017 16:02

Tgt Ion:163 Resp: 40247
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 8.5 8.2 12.2

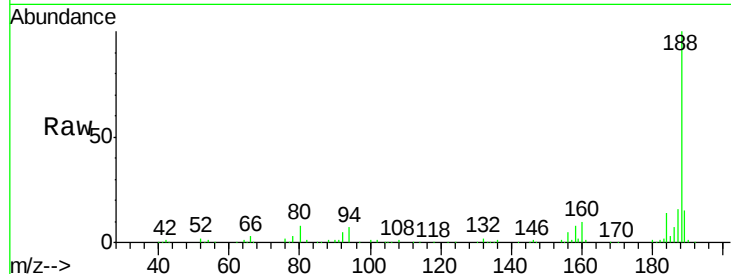




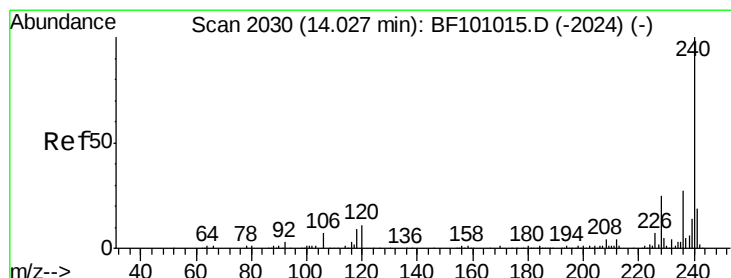
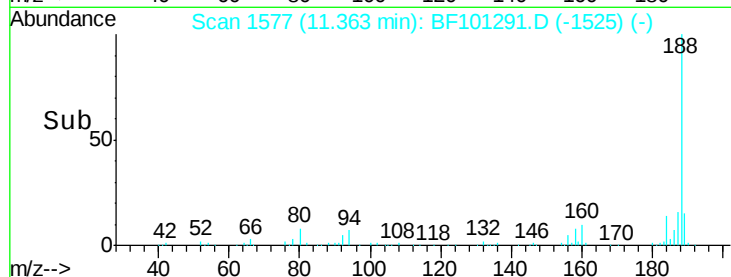
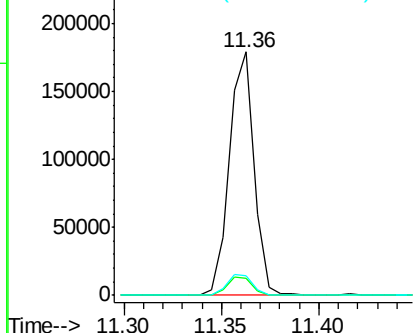
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101291.D
Acq: 11 Dec 2017 16:02

Instrument :
BNA_F
ClientSampleId :
EPE-106-6(0-5)

Tot Ion:188 Resp: 157678
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 7.9 9.2 13.8#

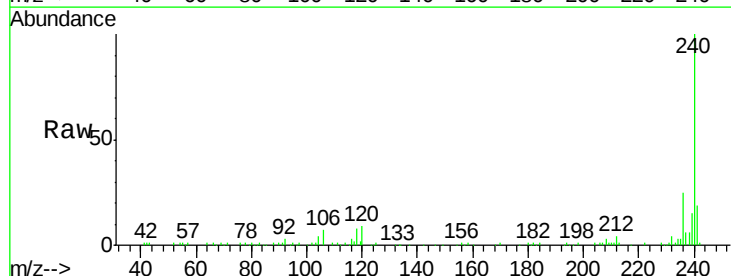


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

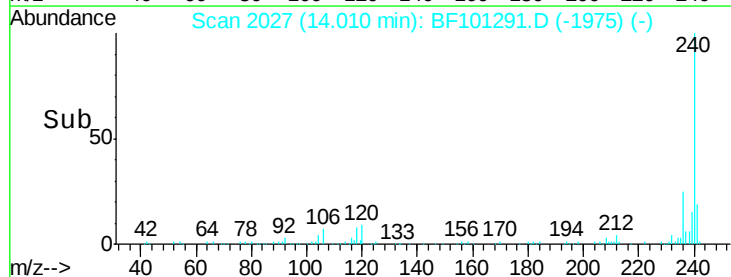
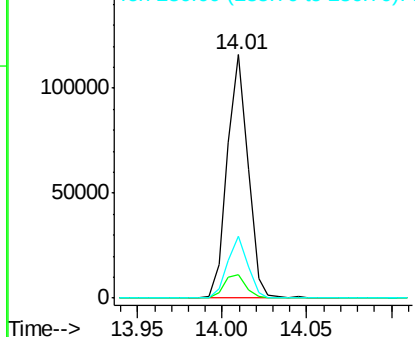


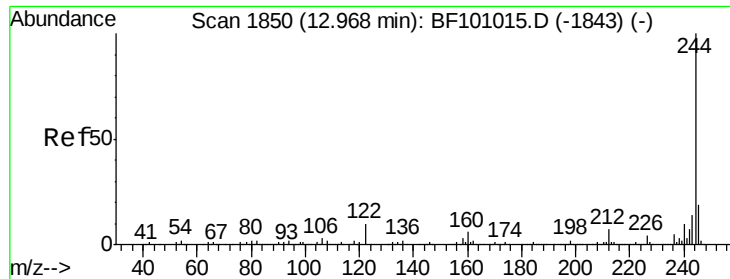
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101291.D
Acq: 11 Dec 2017 16:02

Tgt Ion:240 Resp: 98944
Ion Ratio Lower Upper
240 100
120 9.4 9.5 14.3#
236 25.4 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

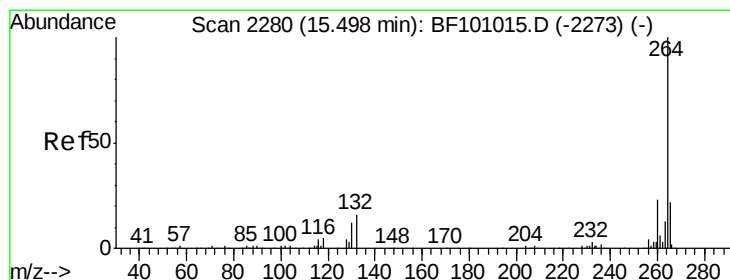
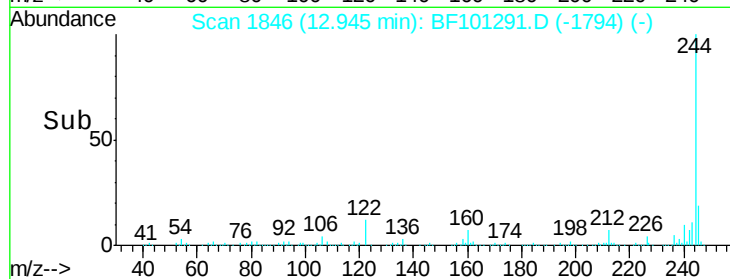
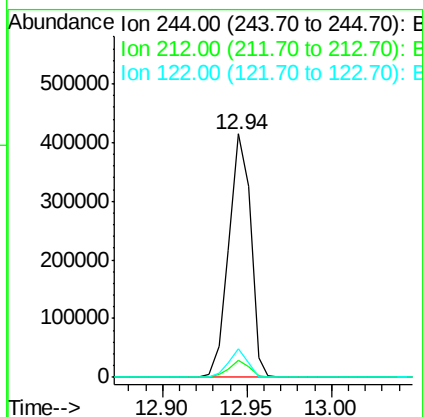
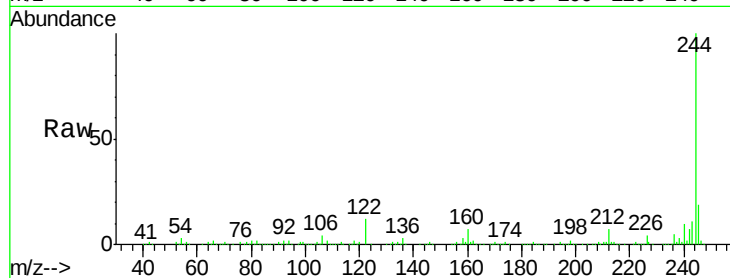




#78
 Terphenyl-d14
 Concen: 82.346 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. 0.01 min
 Lab File: BF101291.D
 Acq: 11 Dec 2017 16:02

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-6(0-5)

Tot Ion:244 Resp: 372502
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.7 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: BF101291.D
 Acq: 11 Dec 2017 16:02

Tgt Ion:264 Resp: 99083
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.5 17.5 26.3

