

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101298.D
 Acq On : 11 Dec 2017 19:09
 Operator : SJ/JU
 Sample : I6792-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-108-5(0-5)

Quant Time: Dec 12 01:34:11 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

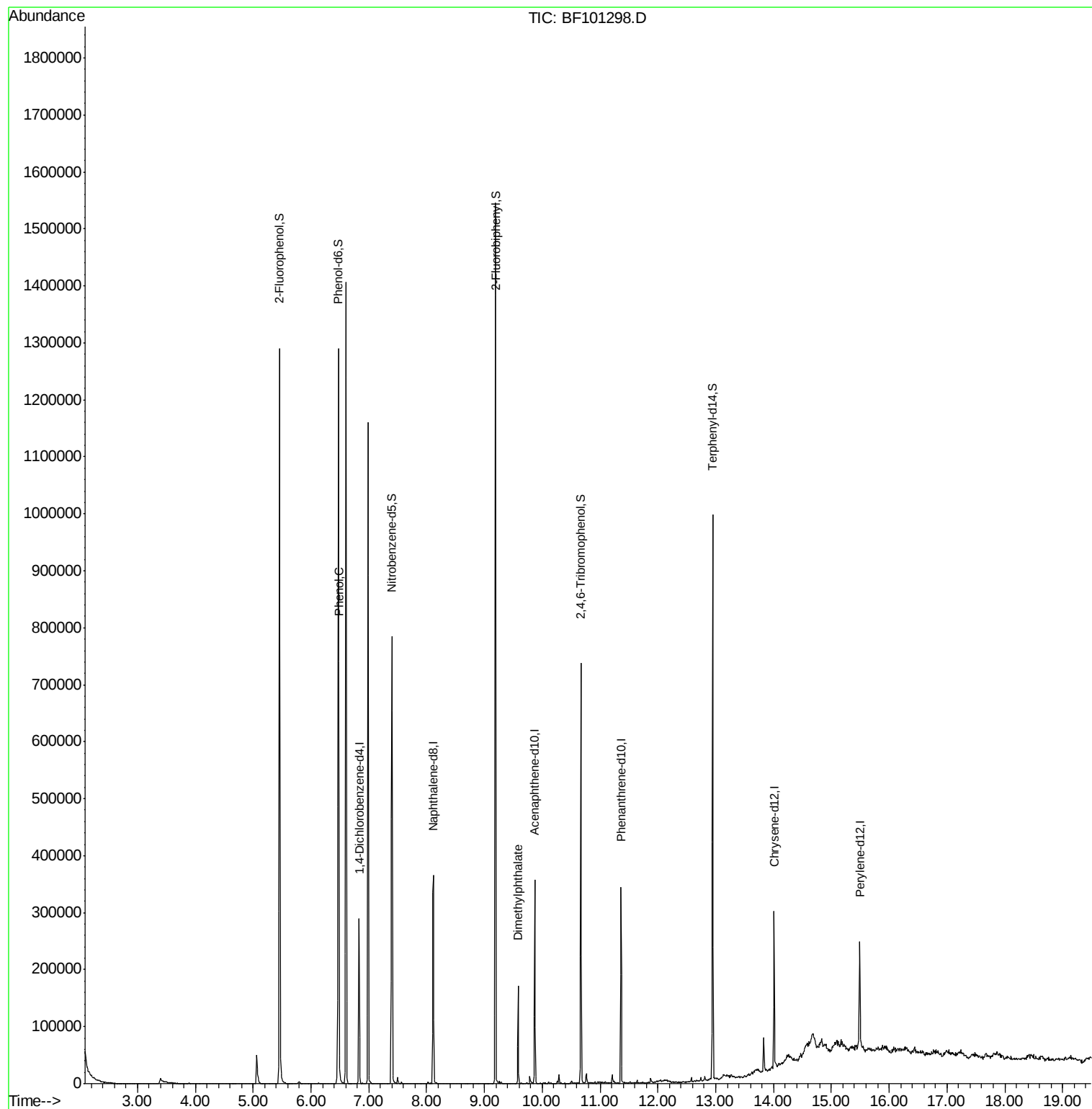
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	46745	20.00	ng	0.01
21) Naphthalene-d8	8.12	136	178876	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	74174	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	118268	20.00	ng	0.00
75) Chrysene-d12	14.01	240	97775	20.00	ng	0.00
86) Perylene-d12	15.49	264	82399	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	370751	131.06	ng	0.02
7) Phenol-d6	6.47	99	456245	132.84	ng	0.01
23) Nitrobenzene-d5	7.40	82	268306	89.48	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	92088	103.35	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	507695	93.65	ng	0.00
78) Terphenyl-d14	12.95	244	356539	79.76	ng	0.01
Target Compounds						
10) Phenol	6.49	94	15340	4.017	ng	96
49) Dimethylphthalate	9.58	163	65230	10.904	ng	99

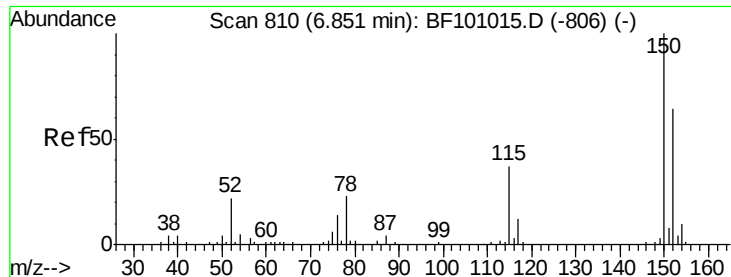
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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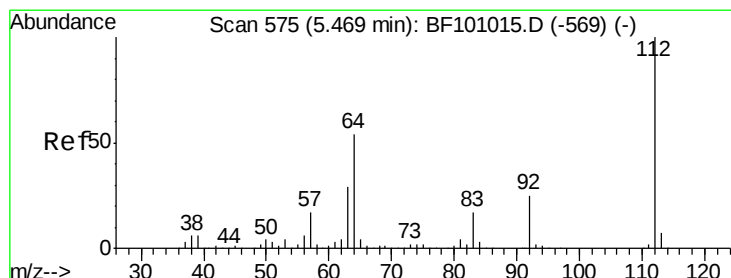
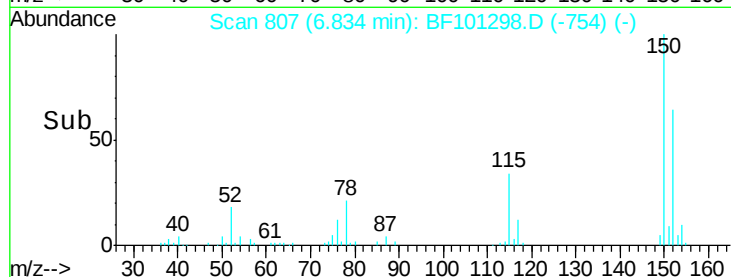
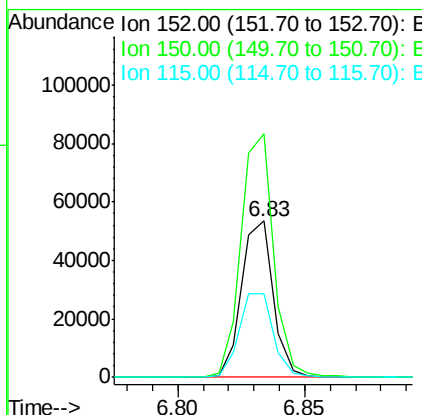
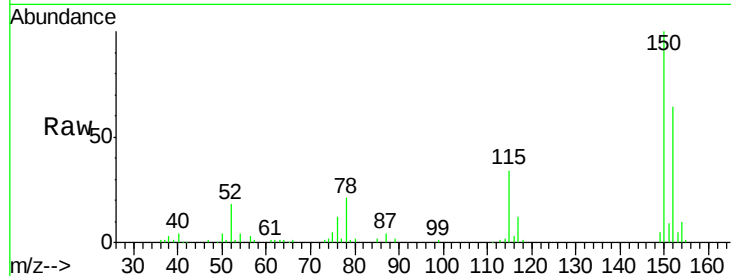


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(0-5)

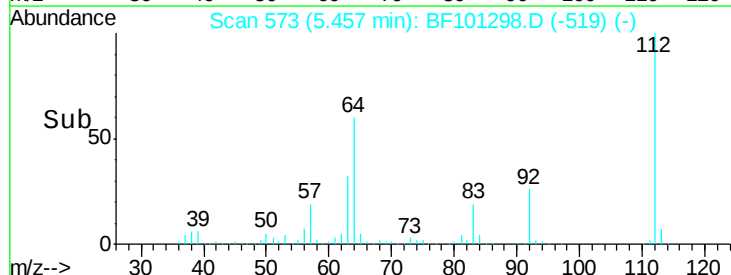
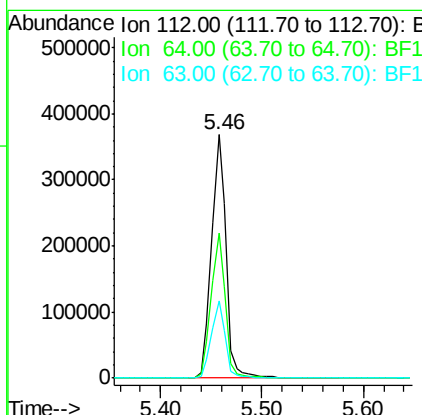
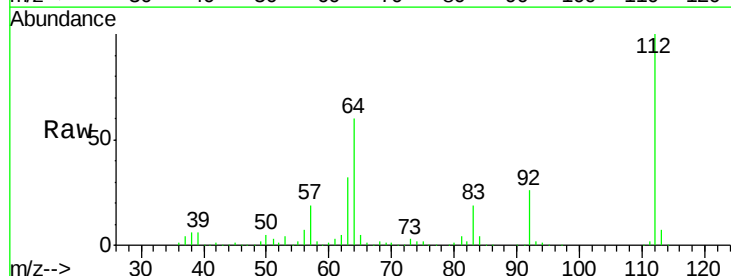
Tot Ion:152 Resp: 46745
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 53.3 50.1 75.1



#5

2-Fluorophenol
Concen: 131.061 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion:112 Resp: 370751
Ion Ratio Lower Upper
112 100
64 59.6 47.9 71.9
63 31.7 23.7 35.5





#7

Phenol-d6

Concen: 132.842 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101298.D

Acq: 11 Dec 2017 19:09

Instrument :

BNA_F

ClientSampleId :

EPE-108-5(0-5)

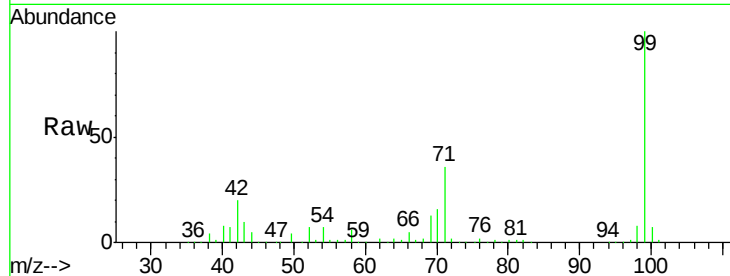
Tot Ion: 99 Resp: 456245

Ion Ratio Lower Upper

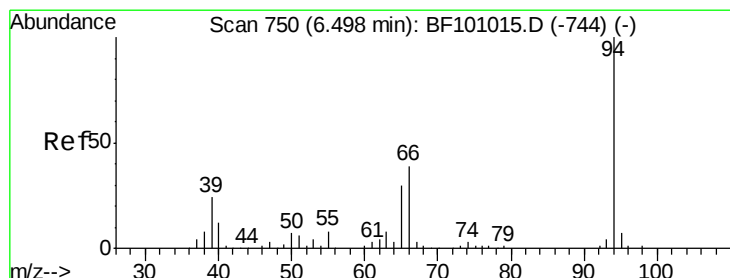
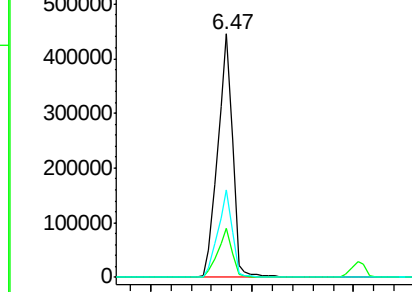
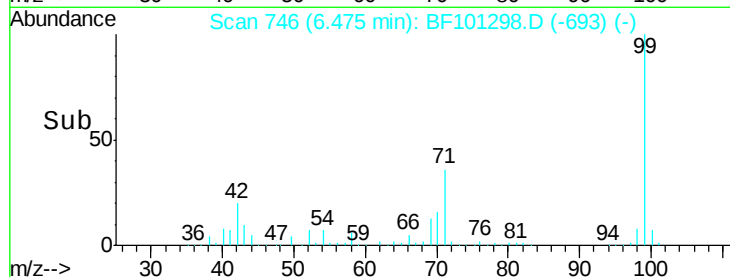
99 100

42 20.3 14.5 21.7

71 36.1 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



#10

Phenol

Concen: 4.017 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101298.D

Acq: 11 Dec 2017 19:09

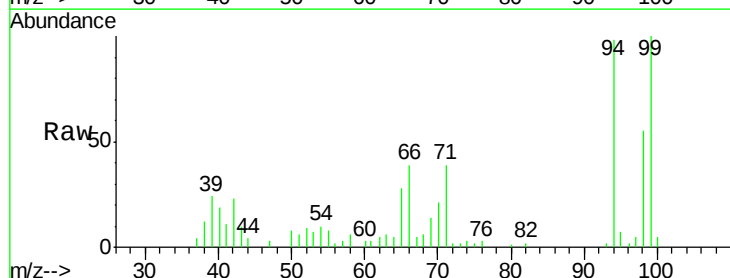
Tgt Ion: 94 Resp: 15340

Ion Ratio Lower Upper

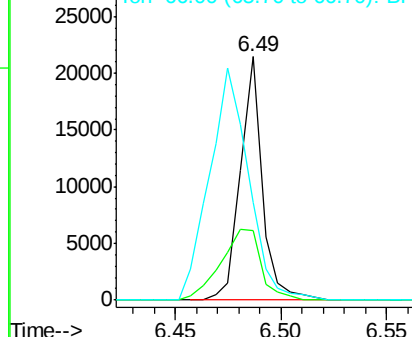
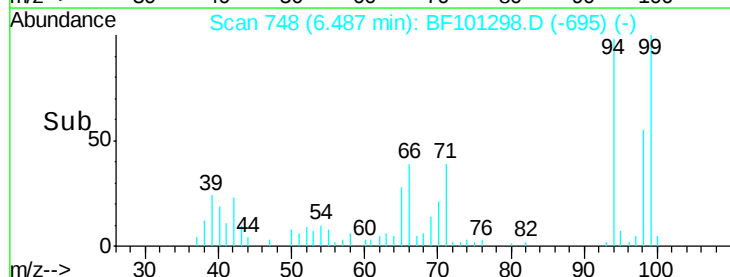
94 100

65 28.6 7.9 47.9

66 40.0 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

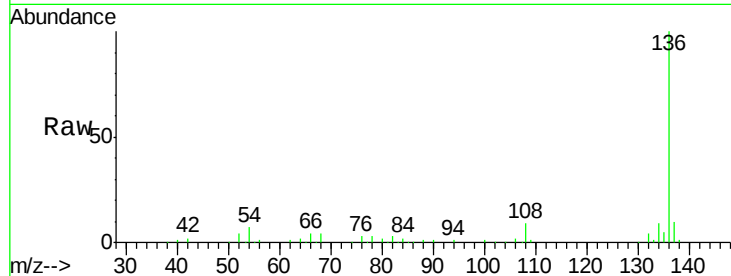




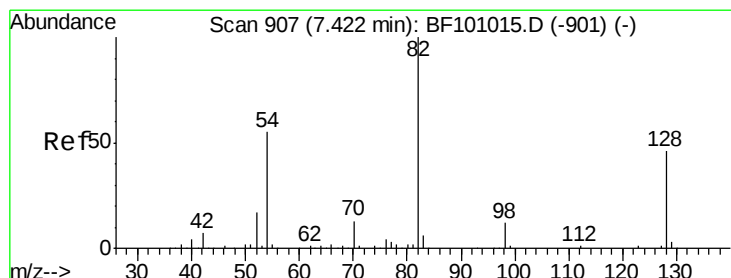
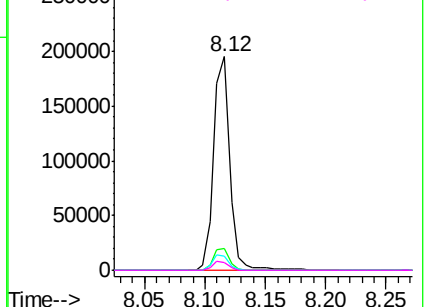
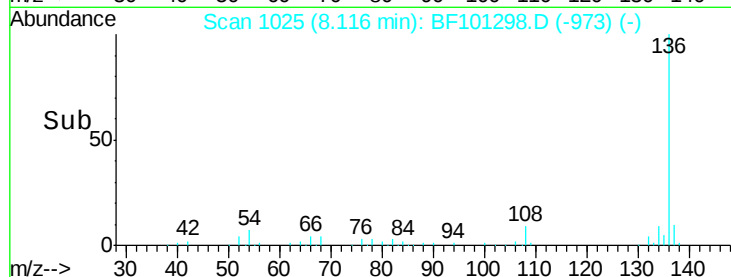
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(0-5)

Tot Ion:136	Resp:	178876
Ion Ratio	Lower	Upper
136	100	
137	10.2	8.9 13.3
54	6.6	6.6 9.8
68	3.9	5.0 7.4#

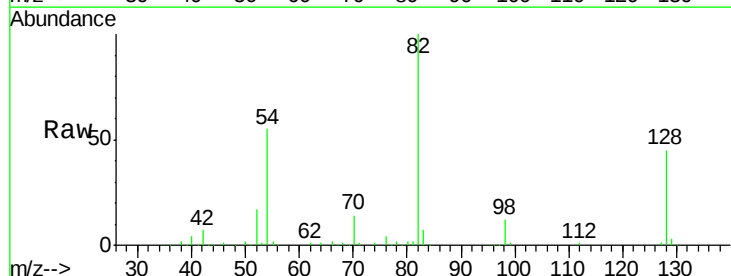


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

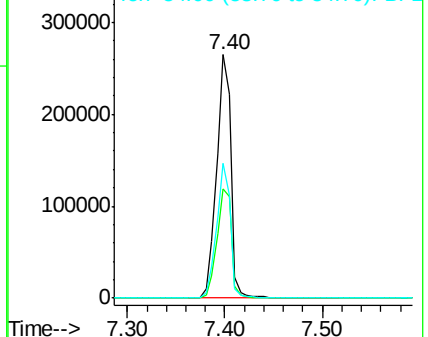
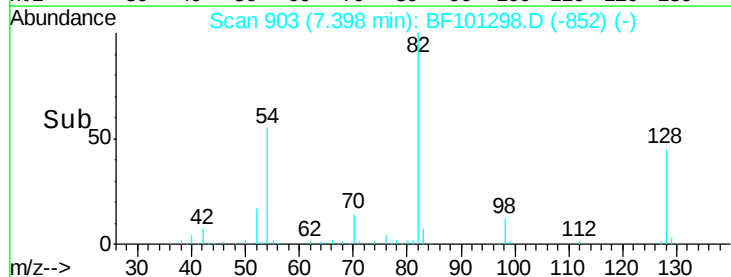


#23
Nitrobenzene-d5
Concen: 89.477 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion: 82	Resp:	268306
Ion Ratio	Lower	Upper
82	100	
128	44.8	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): 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: BF101298.D

Acq: 11 Dec 2017 19:09

Instrument :

BNA_F

ClientSampleId :

EPE-108-5(0-5)

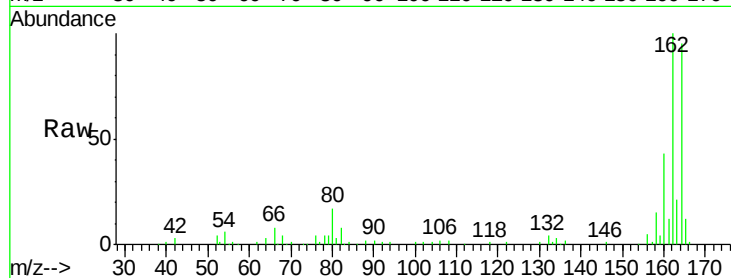
Tot Ion:164 Resp: 74174

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

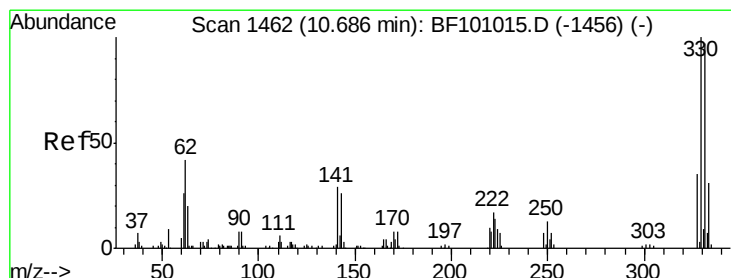
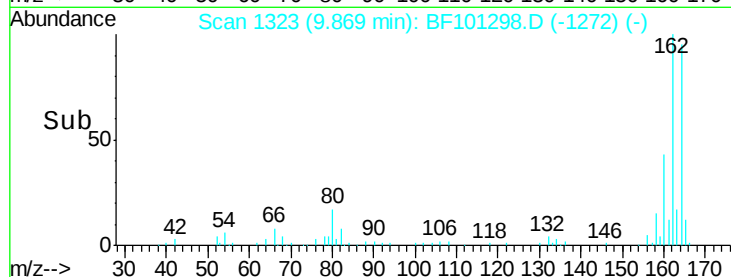
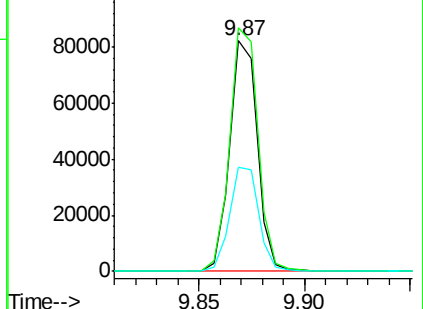
160 45.1 38.3 57.5



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: 103.349 ng

RT: 10.67 min Scan# 1459

Delta R.T. 0.01 min

Lab File: BF101298.D

Acq: 11 Dec 2017 19:09

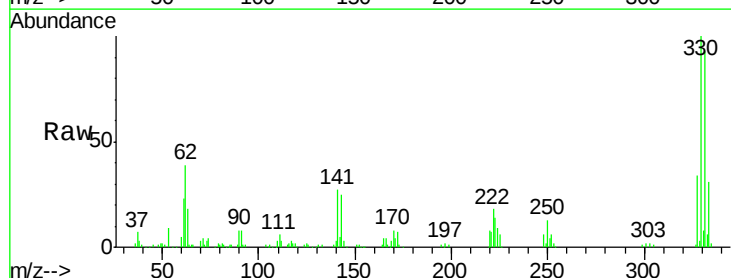
Tgt Ion:330 Resp: 92088

Ion Ratio Lower Upper

330 100

332 94.8 77.0 115.6

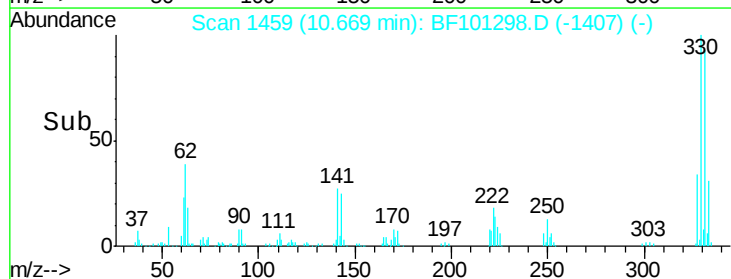
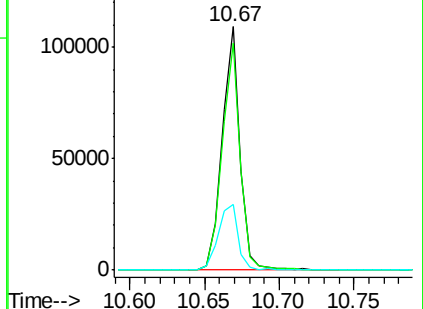
141 29.9 29.9 44.9#



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

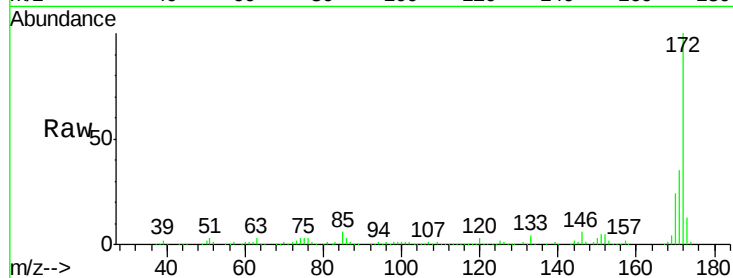




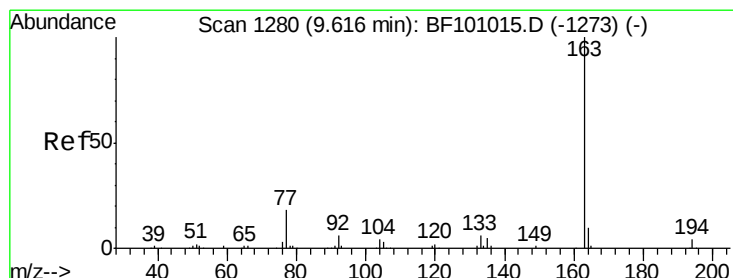
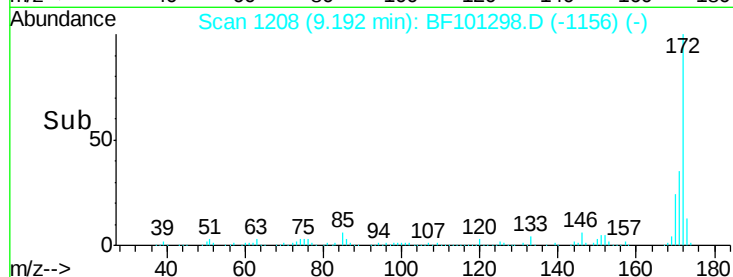
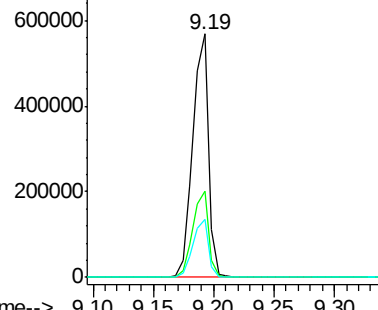
#44
2-Fluorobiphenyl
Concen: 93.648 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Instrument :
BNA_F
ClientSampleId :
EPE-108-5(0-5)

Tot Ion:172 Resp: 507695
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.9 19.6 29.4

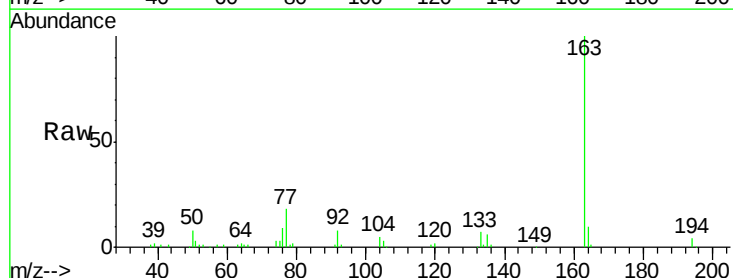


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

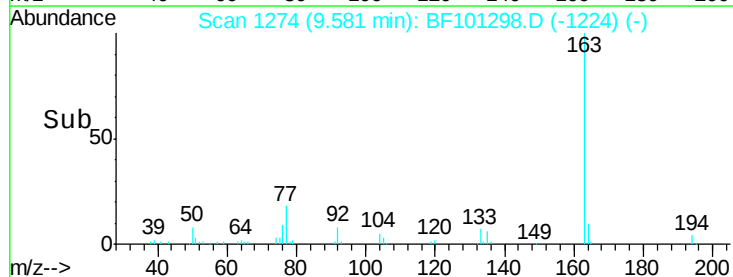
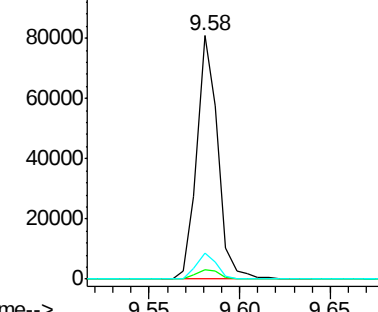


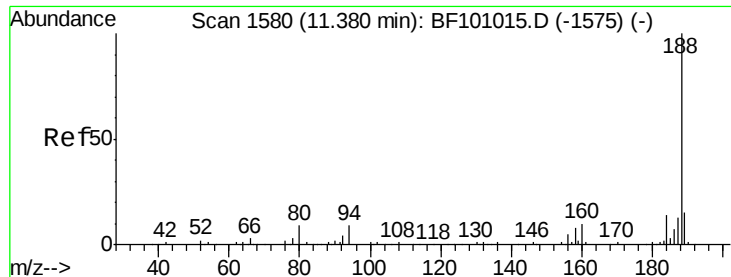
#49
Dimethylphthalate
Concen: 10.904 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion:163 Resp: 65230
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.5 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

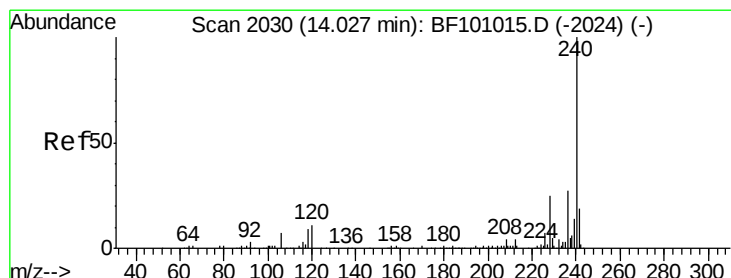
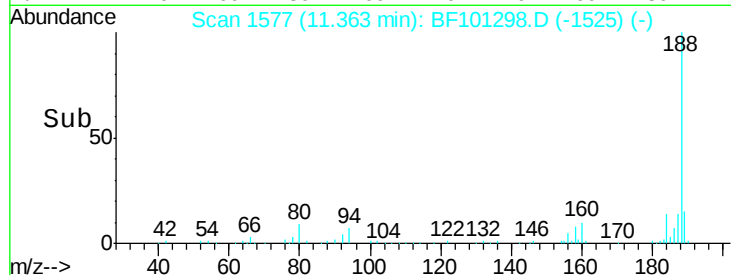
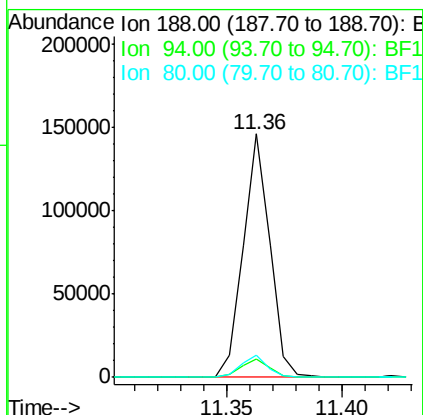
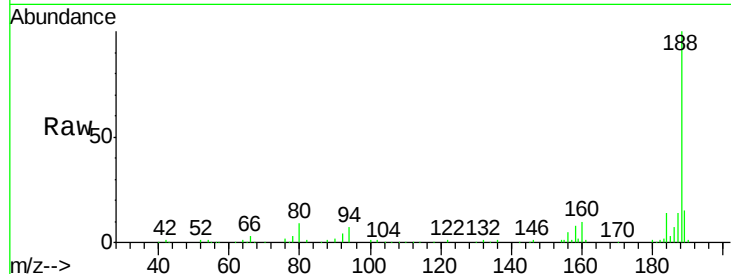




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

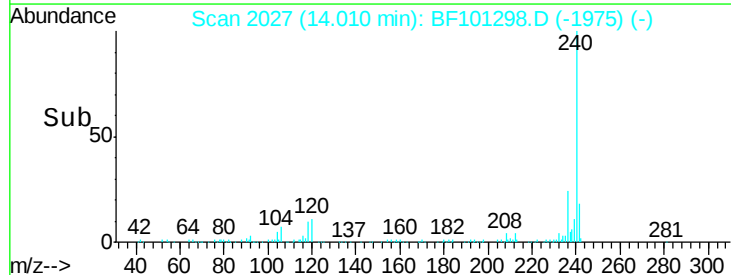
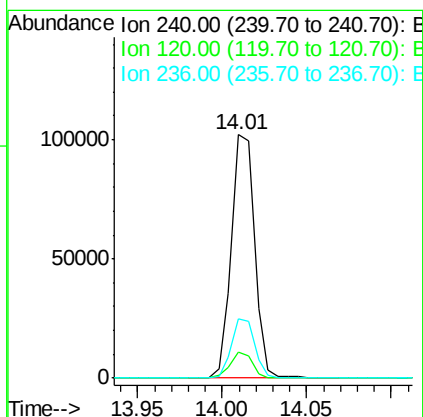
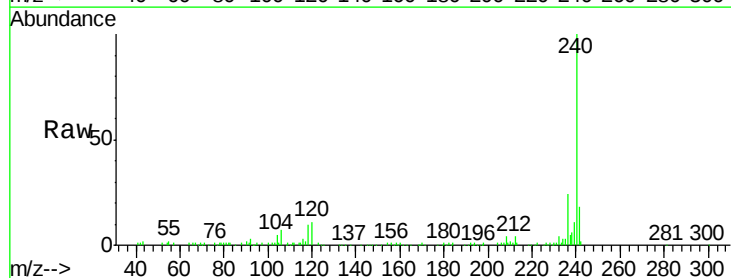
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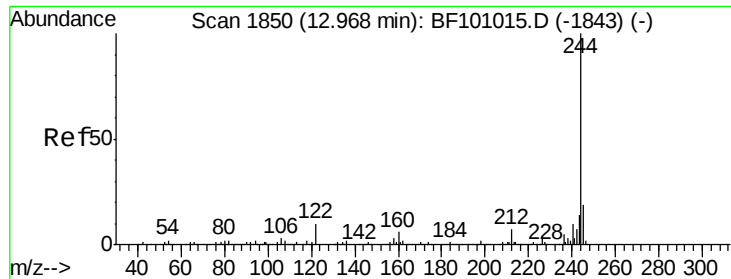
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	8.5	12.7#
80	9.1	9.2	13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101298.D
Acq: 11 Dec 2017 19:09

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	24.3	20.7	31.1





#78

Terphenyl-d14

Concen: 79.759 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF101298.D

Acq: 11 Dec 2017 19:09

Instrument :

BNA_F

ClientSampleId :

EPE-108-5(0-5)

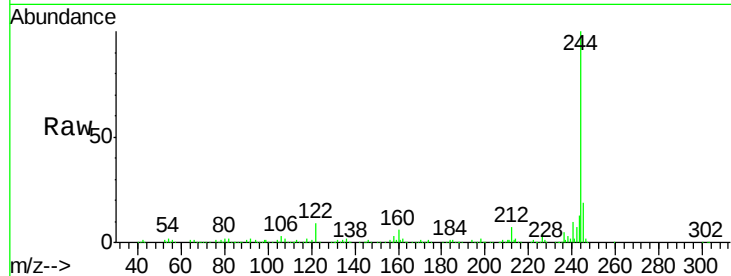
Tot Ion:244 Resp: 356539

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

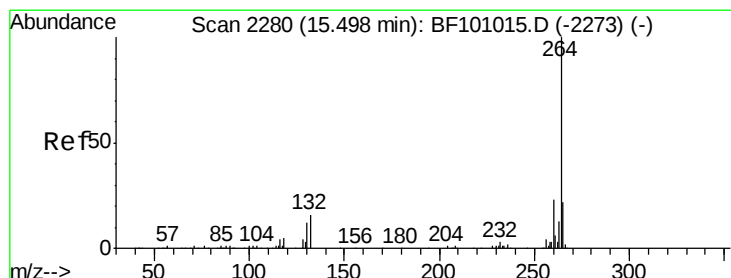
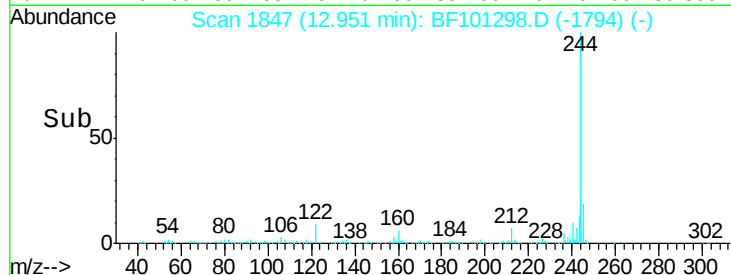
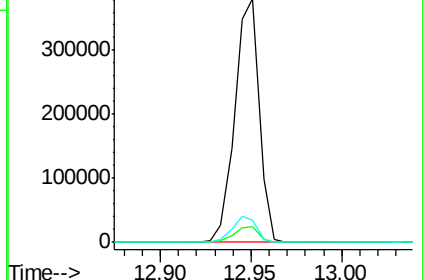
122 9.4 11.0 16.4#



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: BF101298.D

Acq: 11 Dec 2017 19:09

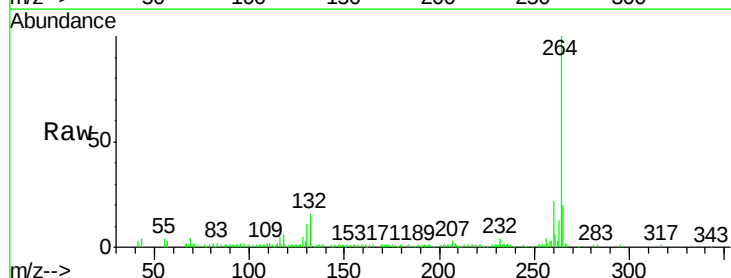
Tgt Ion:264 Resp: 82399

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.0 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

