

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020317\
 Data File : BF092787.D
 Acq On : 3 Feb 2017 20:43
 Operator : SJ/MA
 Sample : I1666-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPW-02

Quant Time: Feb 03 23:34:59 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

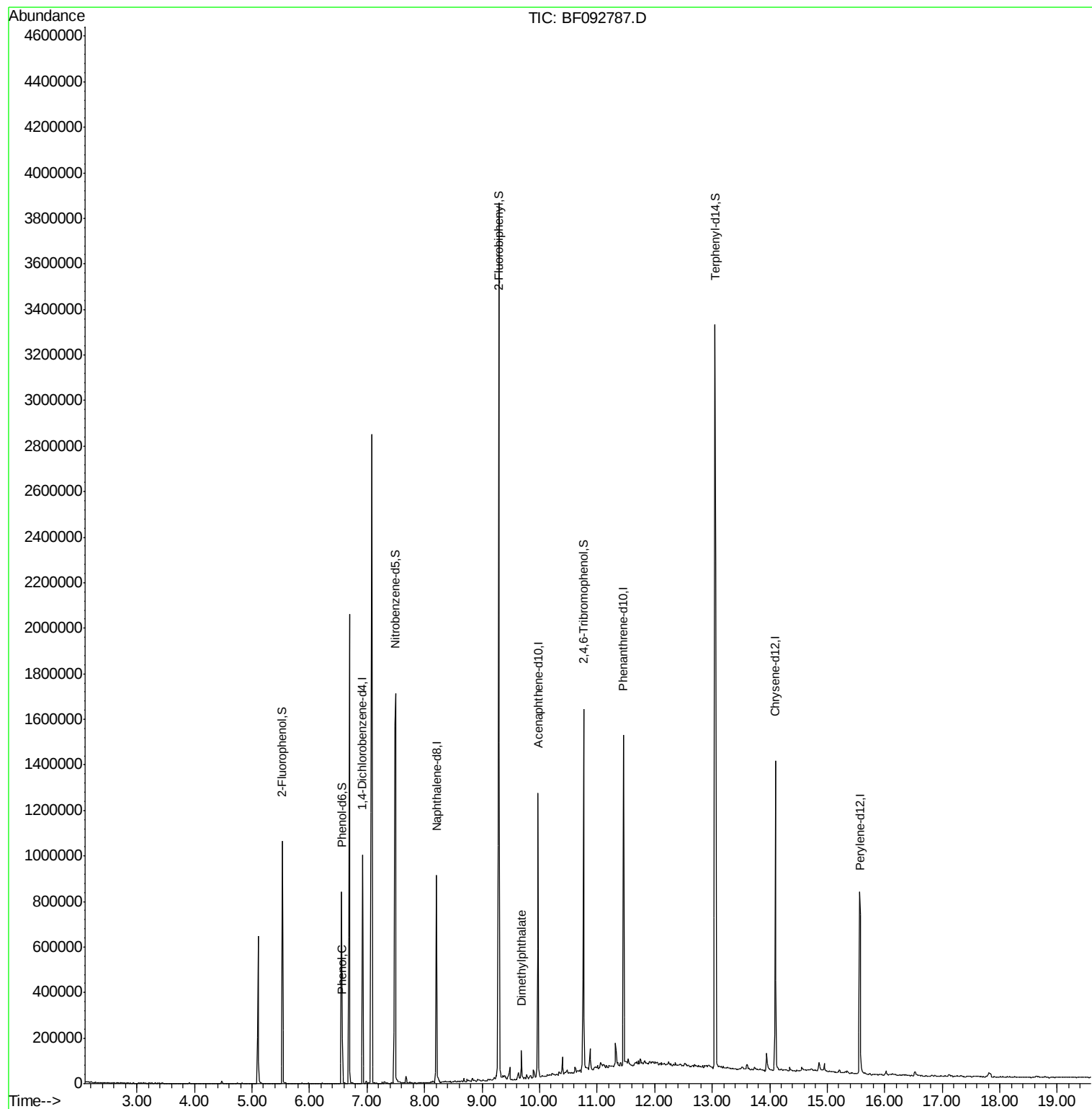
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	139203	20.00	ng	-0.05
21) Naphthalene-d8	8.21	136	629278	20.00	ng	-0.05
38) Acenaphthene-d10	9.97	164	313178	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	519683	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	474101	20.00	ng	-0.05
86) Perylene-d12	15.57	264	438767	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	269669	33.24	ng	-0.04
7) Phenol-d6	6.56	99	246086	23.57	ng	-0.05
23) Nitrobenzene-d5	7.49	82	827390	73.22	ng	-0.05
41) 2,4,6-Tribromophenol	10.76	330	177289	78.27	ng	-0.05
44) 2-Fluorobiphenyl	9.29	172	1531933	88.62	ng	-0.05
78) Terphenyl-d14	13.05	244	1453836	72.05	ng	-0.03
Target Compounds						
10) Phenol	6.57	94	41317	3.38	ng	Qvalue # 72
49) Dimethylphthalate	9.69	163	52212	2.48	ng	99

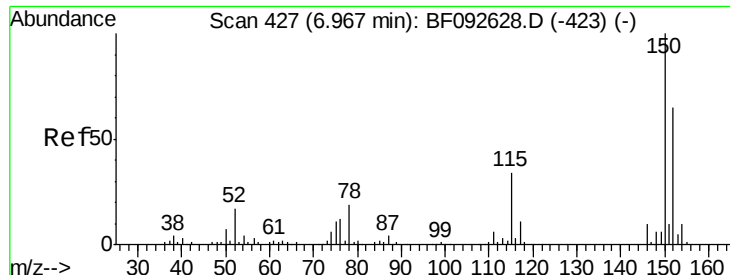
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. -0.05 min

Lab File: BF092787.D

Acq: 3 Feb 2017 20:43

Instrument :

BNA_F

ClientSampleId :

GPW-02

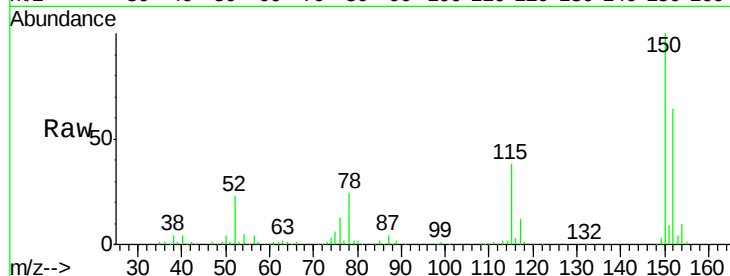
Tgt Ion:152 Resp: 139203

Ion Ratio Lower Upper

152 100

150 156.6 124.9 187.3

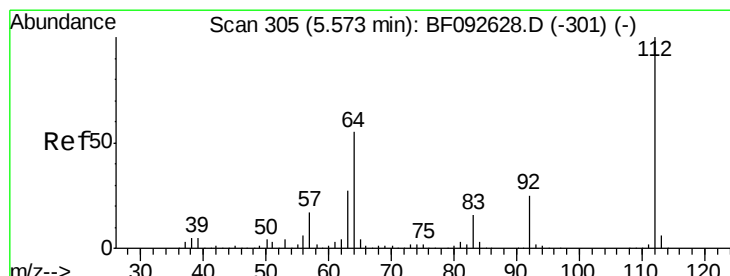
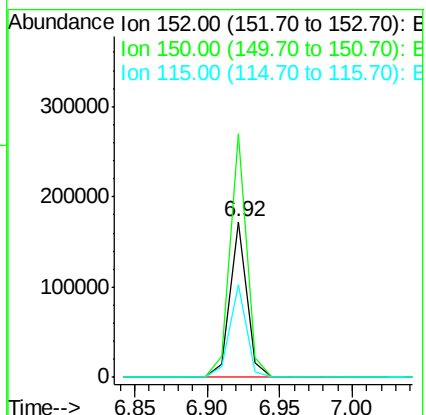
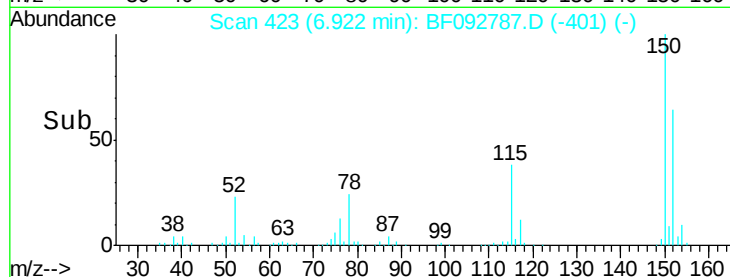
115 59.2 46.0 69.0



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: 33.24 ng

RT: 5.53 min Scan# 301

Delta R.T. -0.04 min

Lab File: BF092787.D

Acq: 3 Feb 2017 20:43

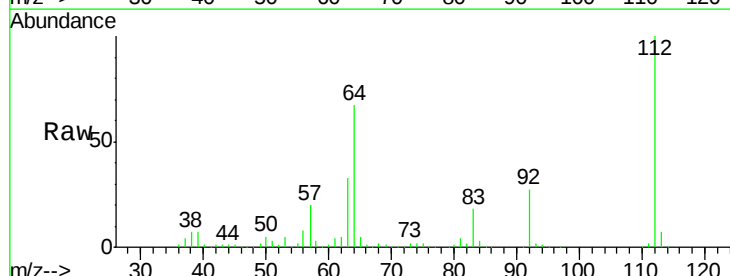
Tgt Ion:112 Resp: 269669

Ion Ratio Lower Upper

112 100

64 67.0 46.1 69.1

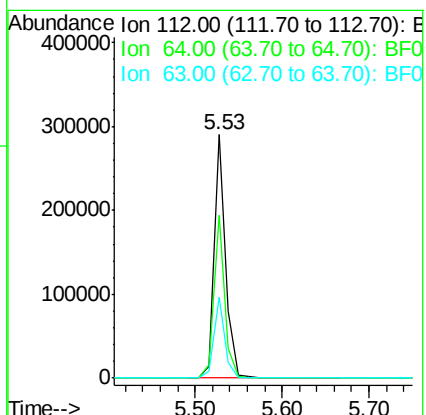
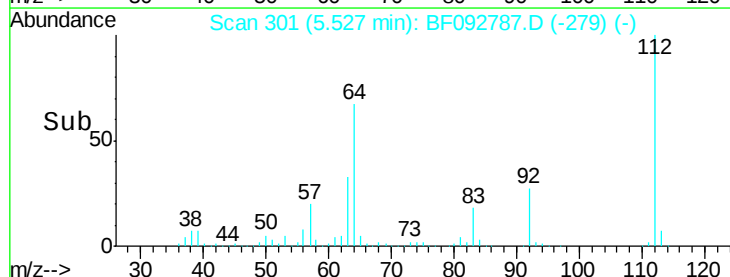
63 33.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.57 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092787.D

Acq: 3 Feb 2017 20:43

Instrument :

BNA_F

ClientSampleId :

GPW-02

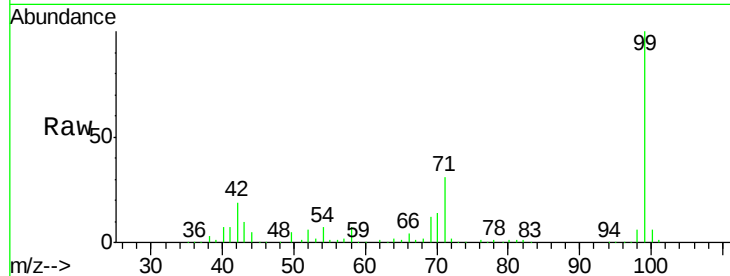
Tgt Ion: 99 Resp: 246086

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

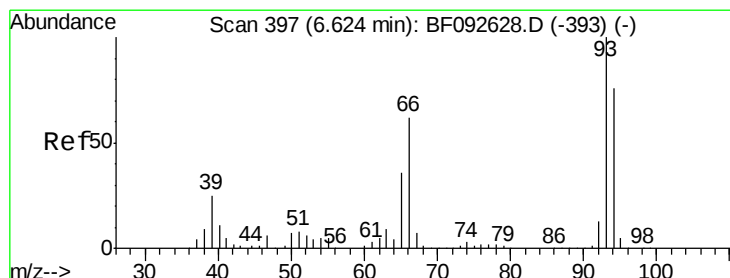
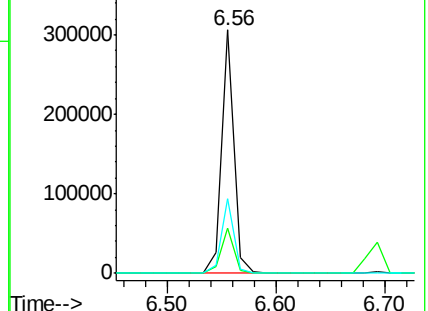
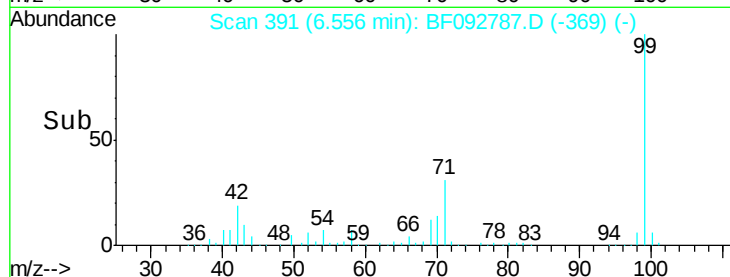
71 30.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.38 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092787.D

Acq: 3 Feb 2017 20:43

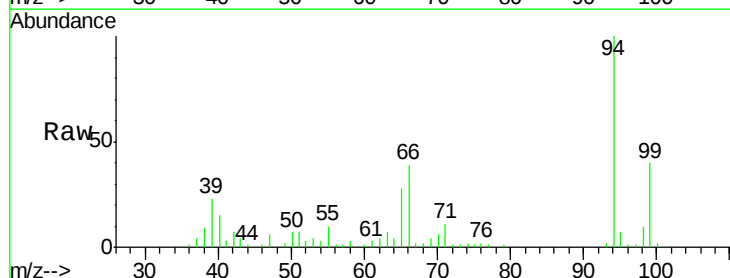
Tgt Ion: 94 Resp: 41317

Ion Ratio Lower Upper

94 100

65 28.0 21.4 61.4

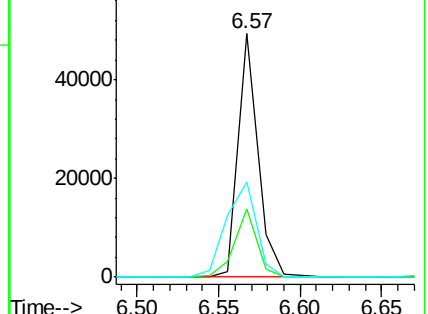
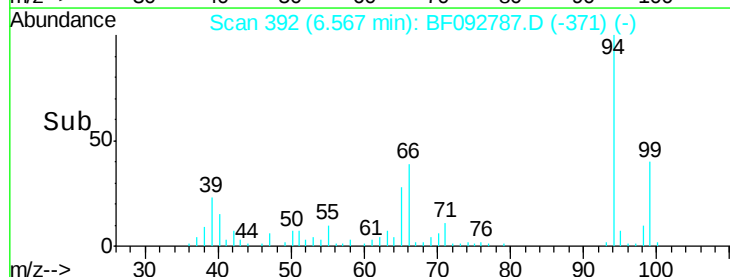
66 39.3 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

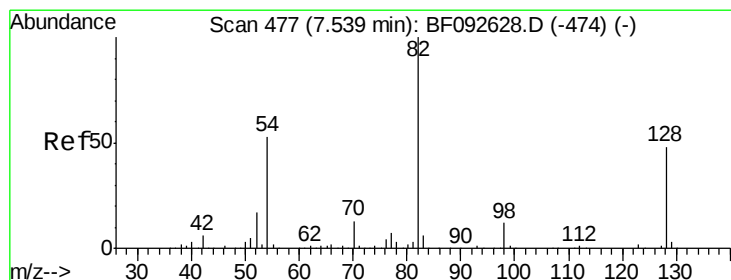
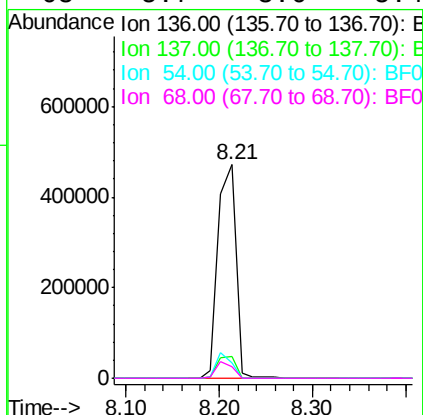
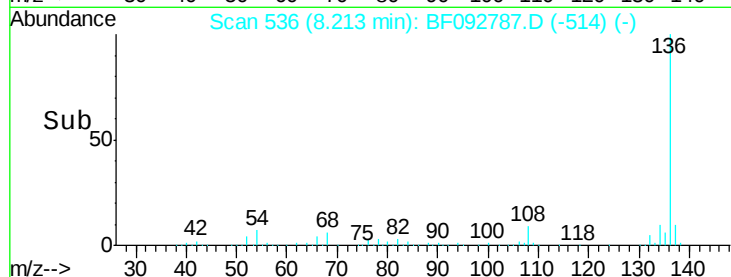
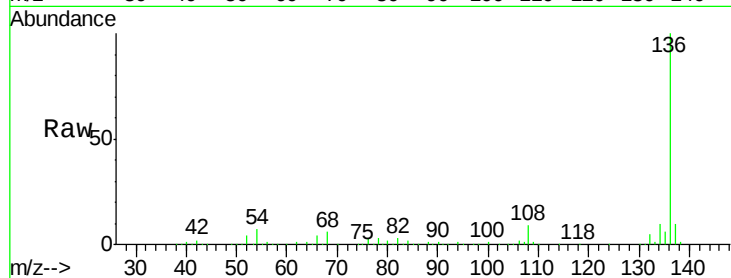




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.05 min
Lab File: BF092787.D
Acq: 3 Feb 2017 20:43

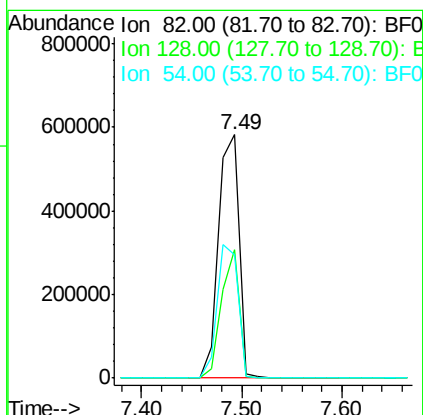
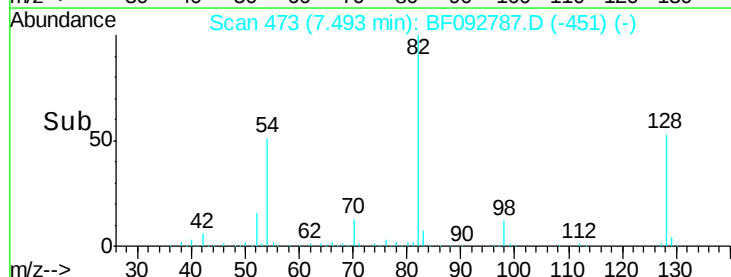
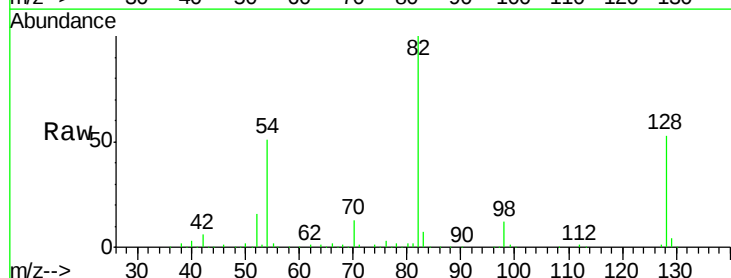
Instrument :
BNA_F
ClientSampled :
GPW-02

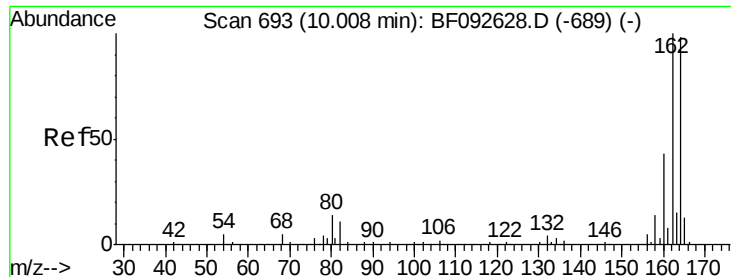
Tgt Ion:	136	Resp:	629278
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	7.3	4.5	6.7#
68	5.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 73.22 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.05 min
Lab File: BF092787.D
Acq: 3 Feb 2017 20:43

Tgt Ion:	82	Resp:	827390
Ion	Ratio	Lower	Upper
82	100		
128	53.0	34.6	52.0#
54	50.6	39.5	59.3

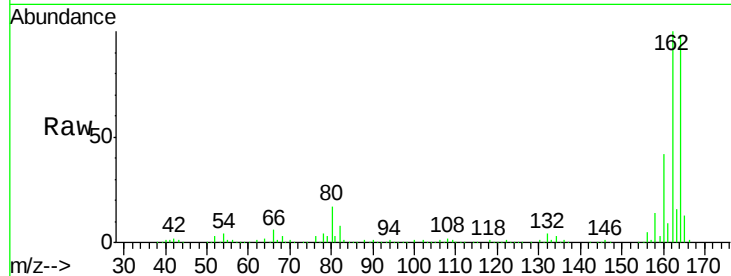




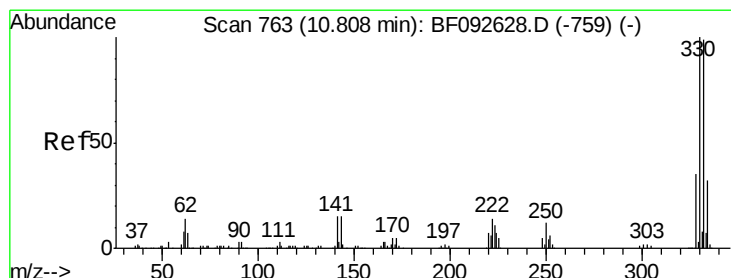
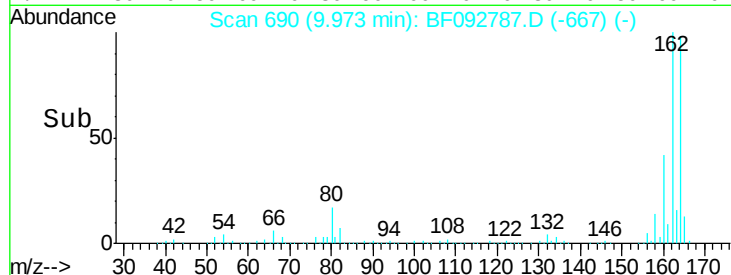
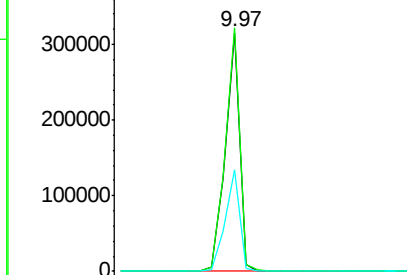
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF092787.D
 Acq: 3 Feb 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :
 GPW-02

Tgt Ion:164 Resp: 313178
 Ion Ratio Lower Upper
 164 100
 162 102.0 80.2 120.2
 160 42.6 36.9 55.3

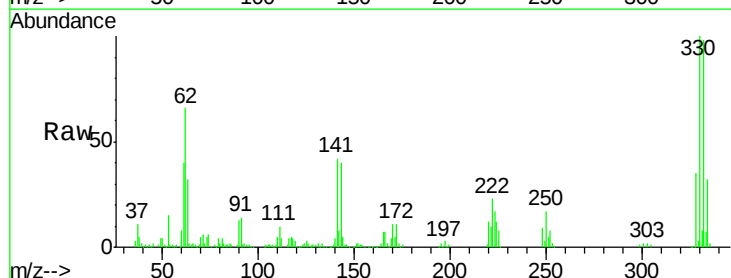


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

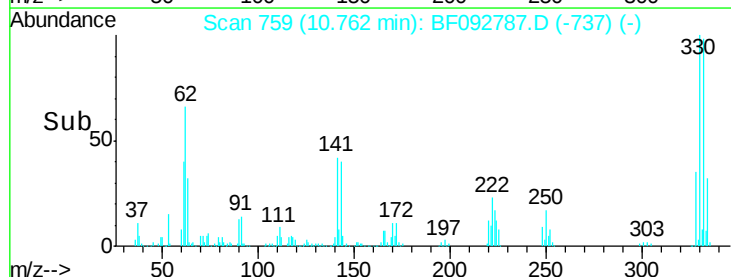
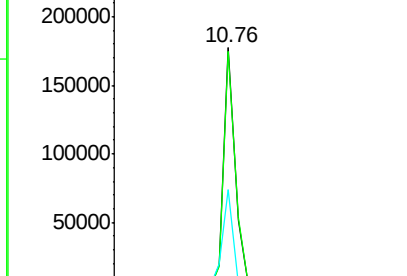


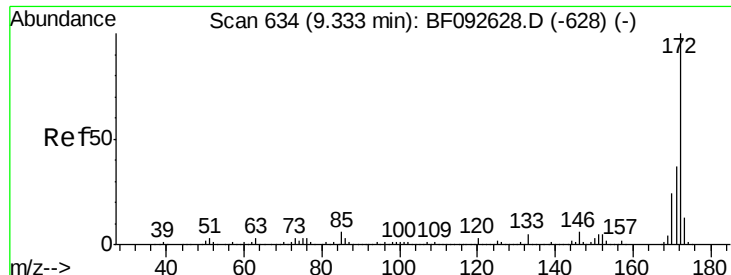
#41
 2,4,6-Tribromophenol
 Concen: 78.27 ng
 RT: 10.76 min Scan# 759
 Delta R.T. -0.05 min
 Lab File: BF092787.D
 Acq: 3 Feb 2017 20:43

Tgt Ion:330 Resp: 177289
 Ion Ratio Lower Upper
 330 100
 332 99.2 77.4 116.2
 141 40.6 34.1 51.1



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

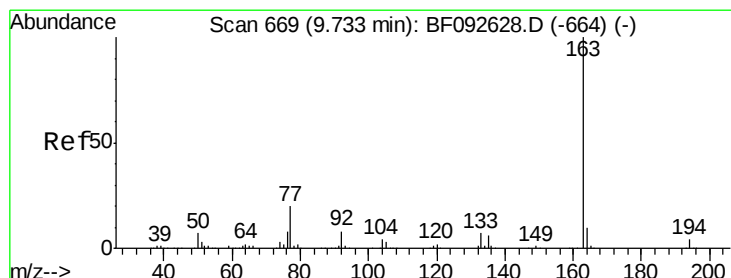
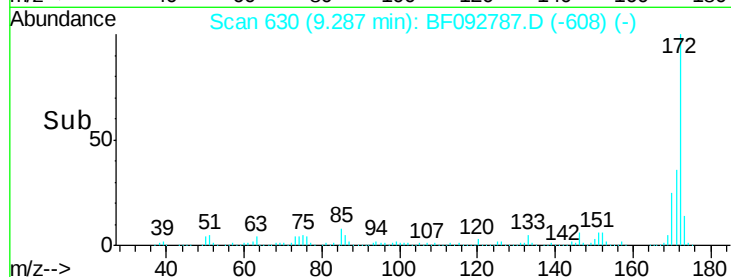
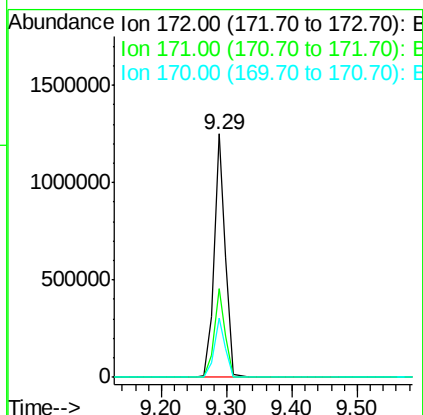
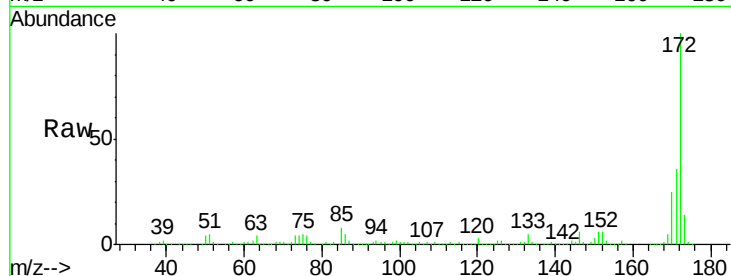




#44
2-Fluorobiphenyl
Concen: 88.62 ng
RT: 9.29 min Scan# 630
Delta R.T. -0.05 min
Lab File: BF092787.D
Acq: 3 Feb 2017 20:43

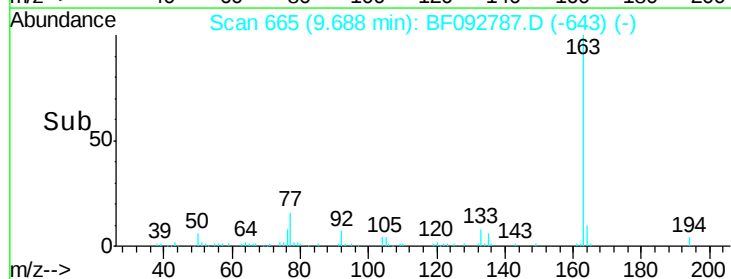
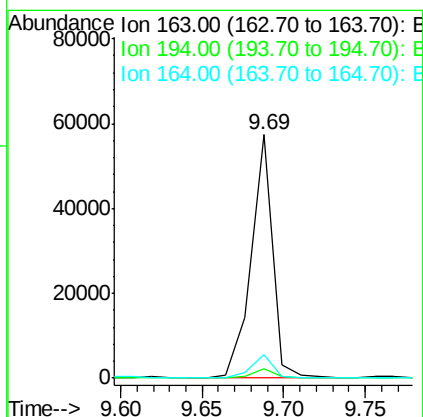
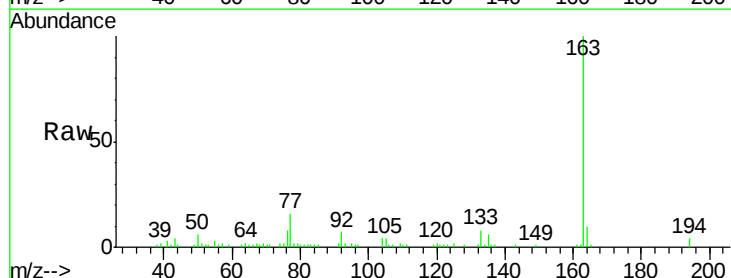
Instrument :
BNA_F
ClientSampleId :
GPW-02

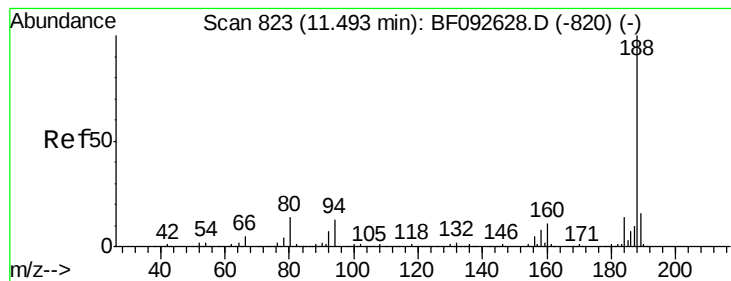
Tgt Ion:172 Resp: 1531933
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.6 20.2 30.4



#49
Dimethylphthalate
Concen: 2.48 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092787.D
Acq: 3 Feb 2017 20:43

Tgt Ion:163 Resp: 52212
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.8 8.0 12.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF092787.D

Acq: 3 Feb 2017 20:43

Instrument :

BNA_F

ClientSampleId :

GPW-02

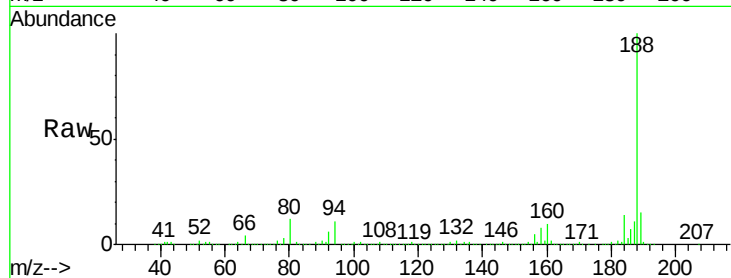
Tgt Ion:188 Resp: 519683

Ion Ratio Lower Upper

188 100

94 11.3 10.0 15.0

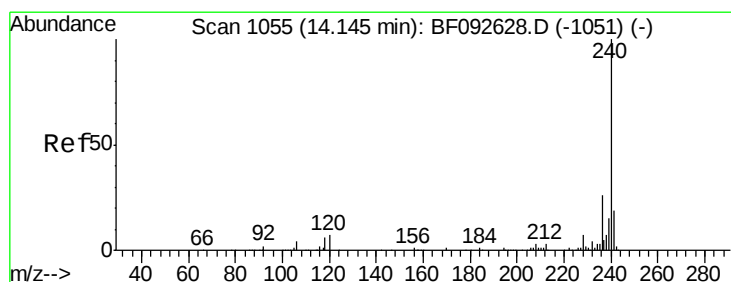
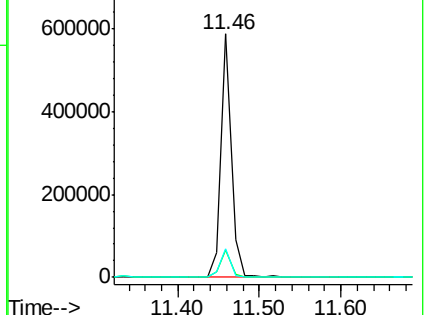
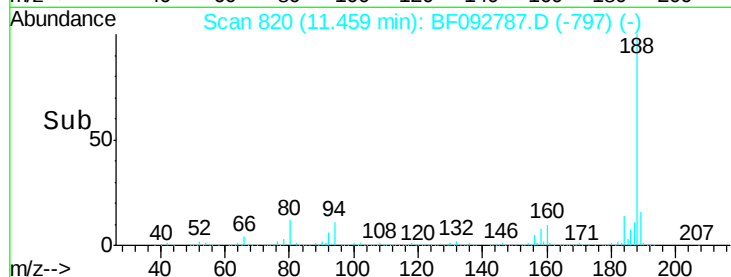
80 11.7 11.2 16.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092787.D

Acq: 3 Feb 2017 20:43

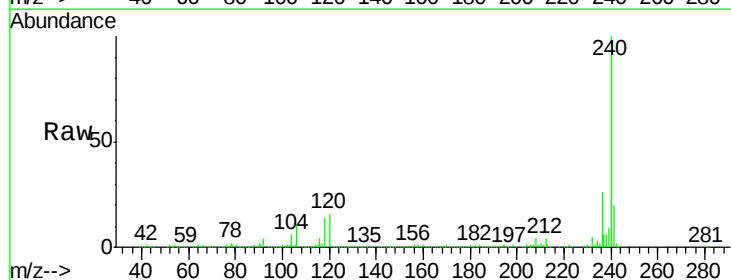
Tgt Ion:240 Resp: 474101

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

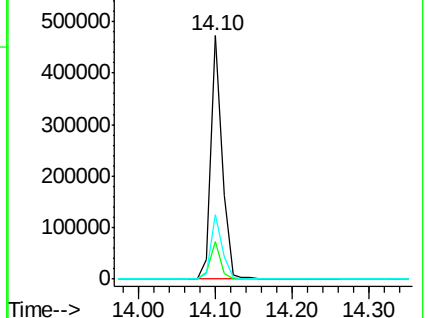
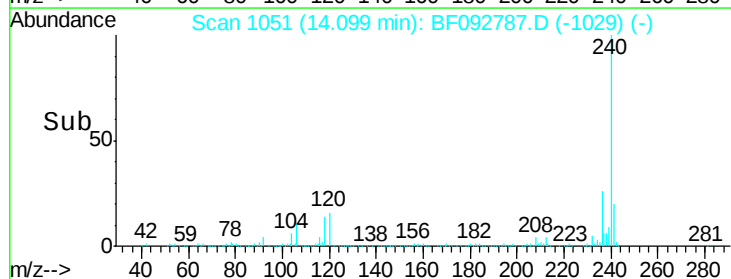
236 26.3 20.9 31.3

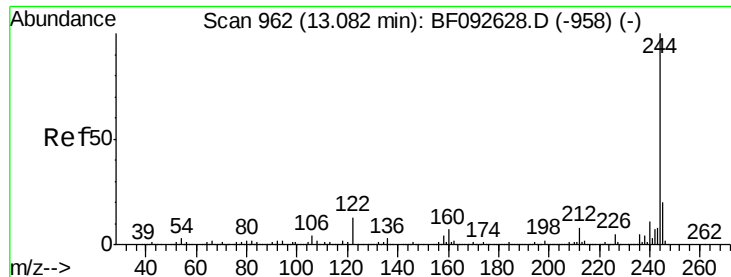


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

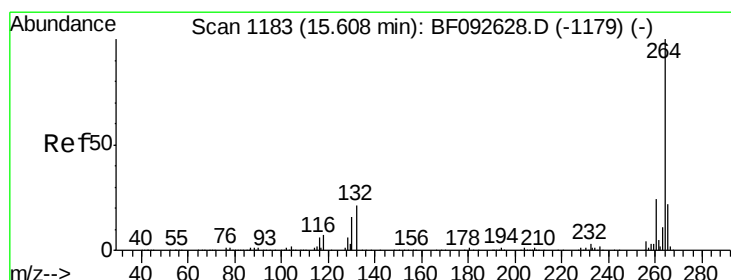
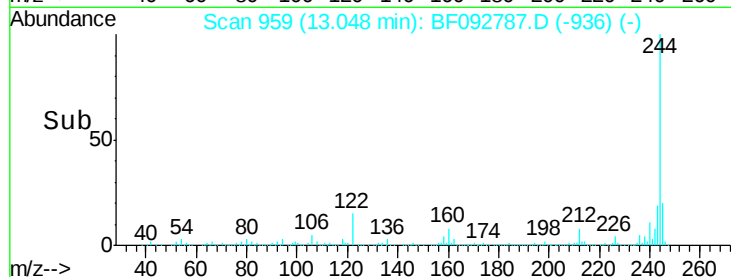
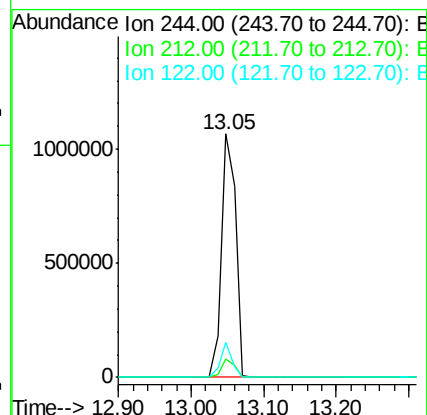
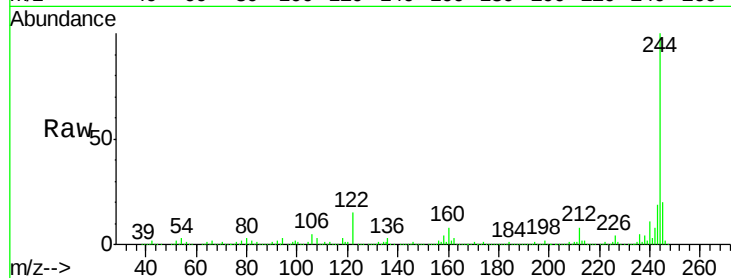




#78
 Terphenyl-d14
 Concen: 72.05 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092787.D
 Acq: 3 Feb 2017 20:43

Instrument :
 BNA_F
 ClientSampleId :
 GPW-02

Tgt Ion:244 Resp: 1453836
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 14.6 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF092787.D
 Acq: 3 Feb 2017 20:43

Tgt Ion:264 Resp: 438767
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.6 17.4 26.0

