

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
 Data File : BF089648.D
 Acq On : 6 Aug 2016 3:36
 Operator : UM/SJ
 Sample : H4352-02
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VP

Quant Time: Aug 06 04:58:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	42545	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	167738	20.00	ng	0.00
38) Acenaphthene-d10	12.29	164	69613	20.00	ng	-0.01
63) Phenanthrene-d10	14.69	188	108873	20.00	ng	-0.01
75) Chrysene-d12	18.39	240	84579	20.00	ng	0.00
86) Perylene-d12	20.05	264	71842	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	372338	146.68	ng	0.04
7) Phenol-d6	6.98	99	449974	130.67	ng	0.00
23) Nitrobenzene-d5	8.35	82	330157	108.87	ng	-0.01
41) 2,4,6-Tribromophenol	13.59	330	82387	143.41	ng	0.00
44) 2-Fluorobiphenyl	11.26	172	600036	112.02	ng	0.00
78) Terphenyl-d14	17.05	244	358858	83.76	ng	0.00

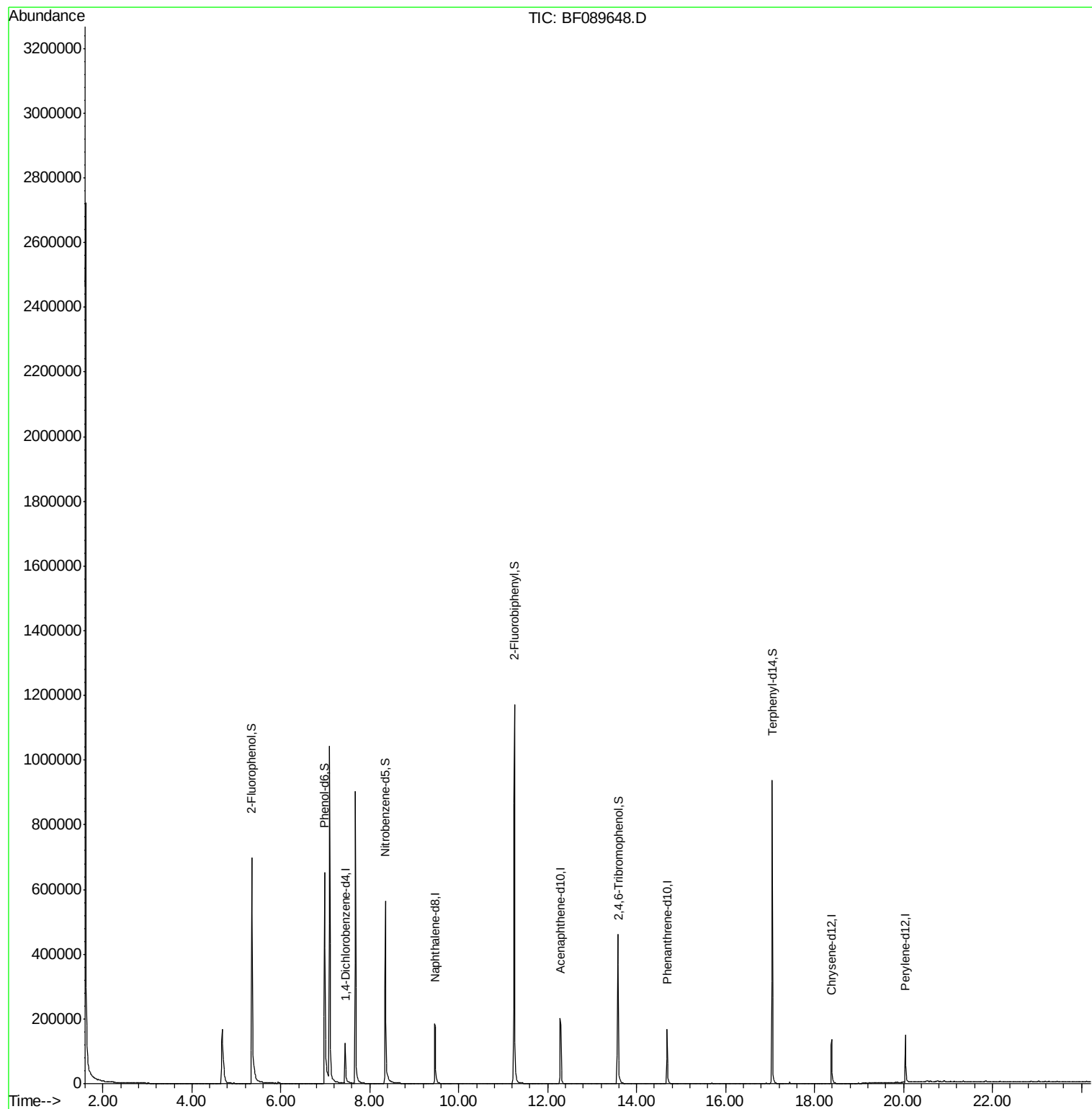
Target Compounds	Qvalue
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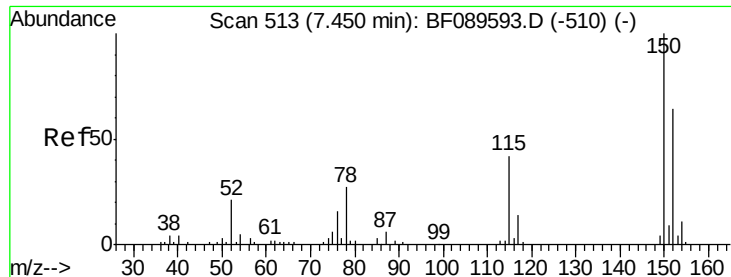
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF089648.D

Acq: 6 Aug 2016 3:36

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VP

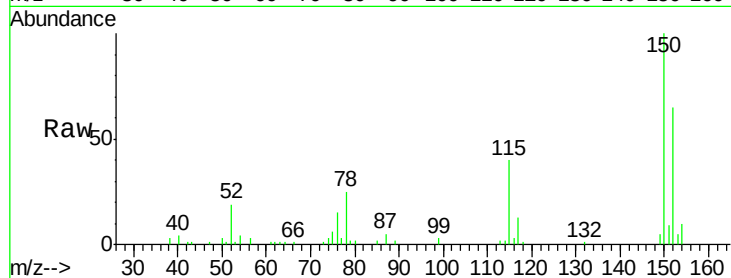
Tgt Ion:152 Resp: 42545

Ion Ratio Lower Upper

152 100

150 154.1 125.5 188.3

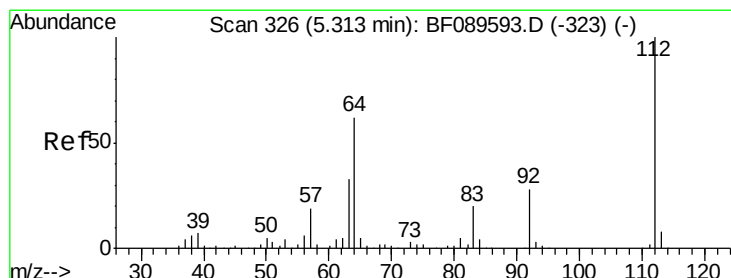
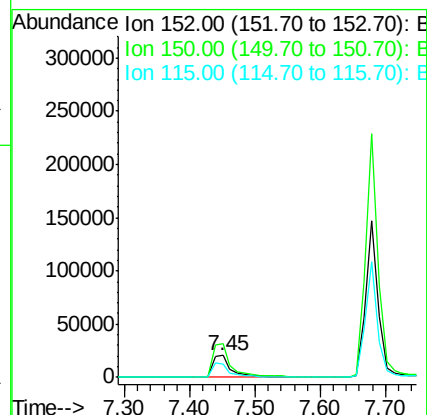
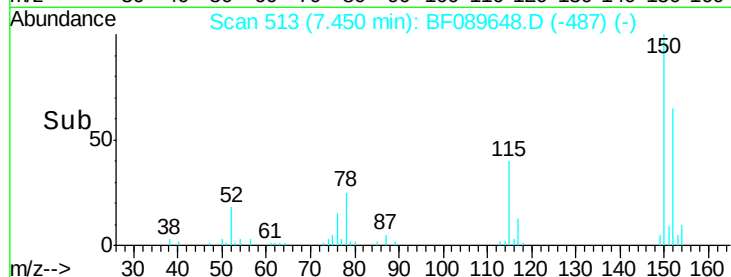
115 62.3 52.0 78.0



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: 146.68 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.04 min

Lab File: BF089648.D

Acq: 6 Aug 2016 3:36

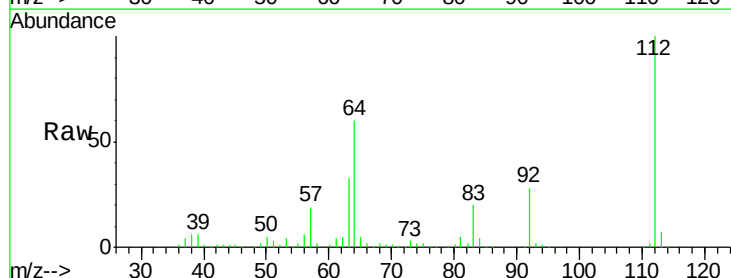
Tgt Ion:112 Resp: 372338

Ion Ratio Lower Upper

112 100

64 60.2 49.9 74.9

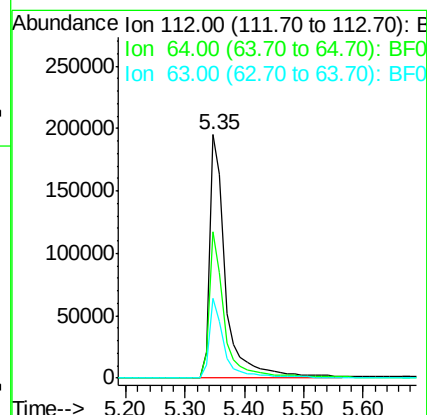
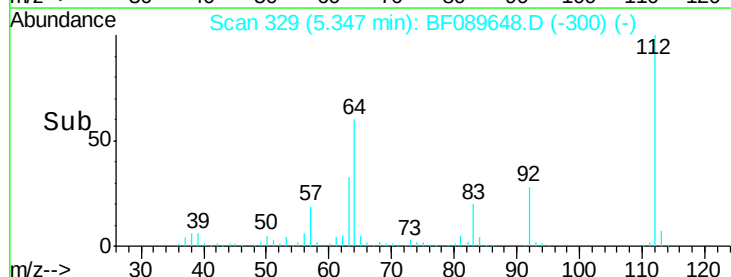
63 32.9 26.1 39.1

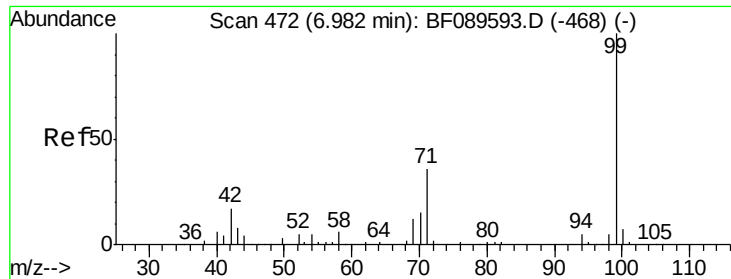


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.67 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089648.D

Acq: 6 Aug 2016 3:36

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VP

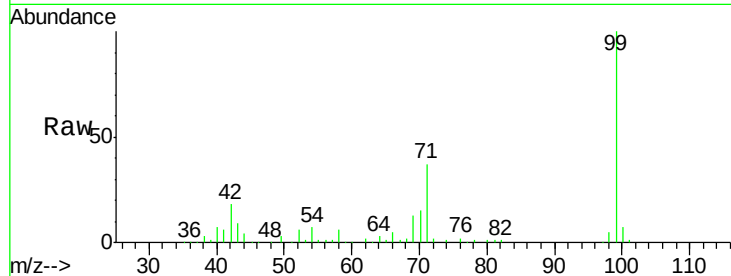
Tgt Ion: 99 Resp: 449974

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

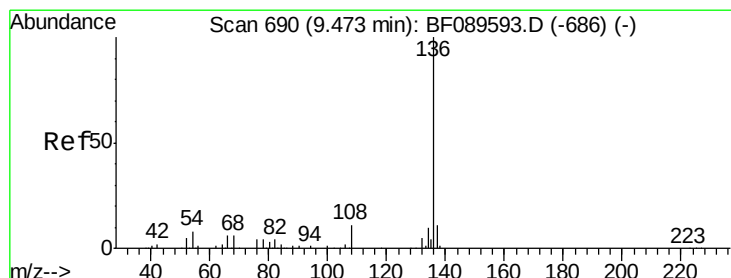
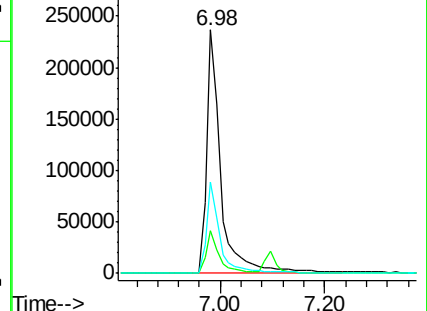
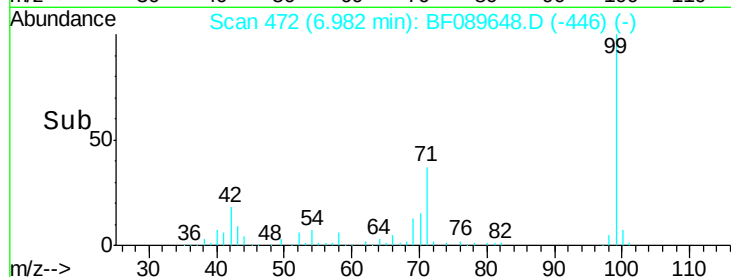
71 37.5 29.0 43.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.47 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF089648.D

Acq: 6 Aug 2016 3:36

Tgt Ion: 136 Resp: 167738

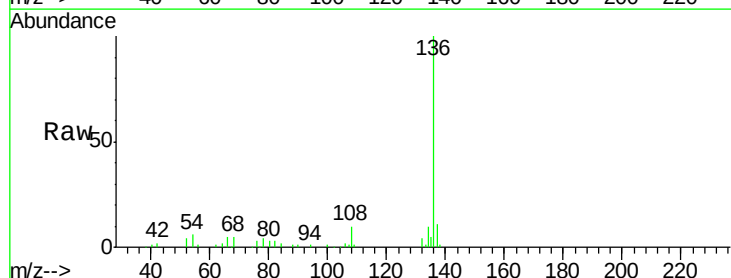
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 6.2 6.0 9.0

68 5.1 4.6 6.8

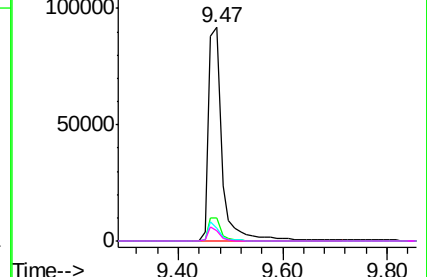
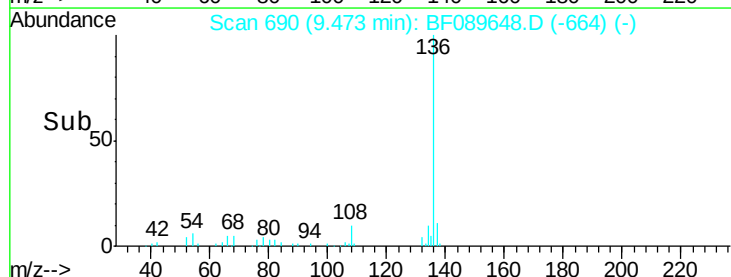


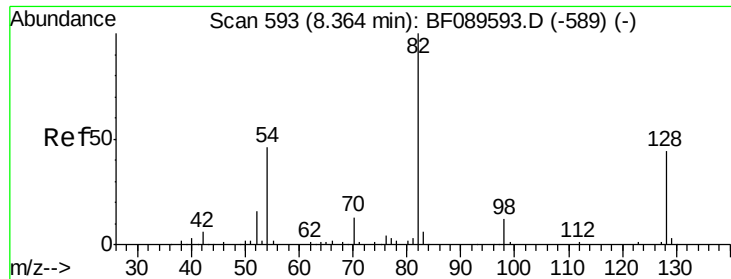
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

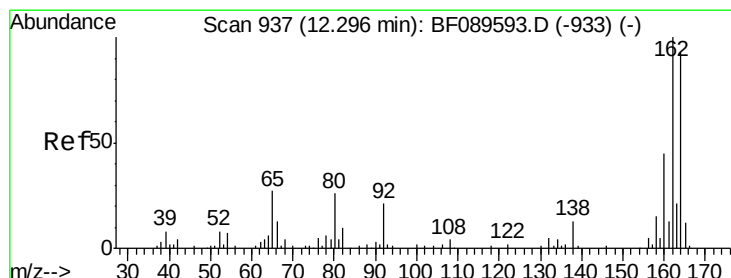
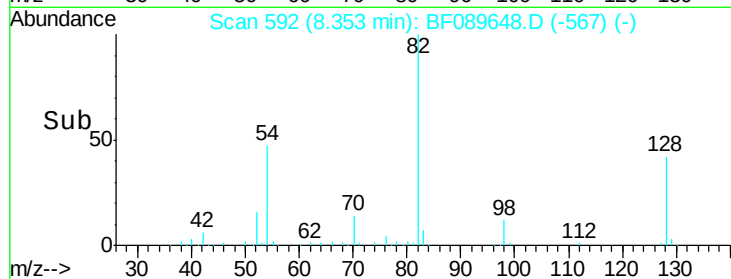
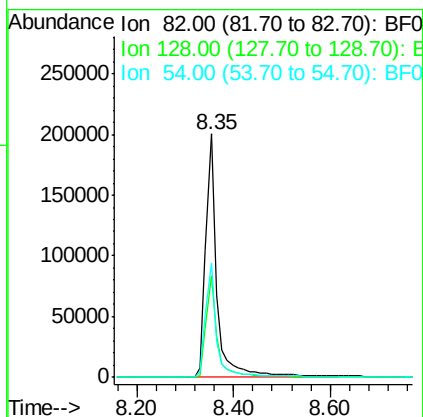
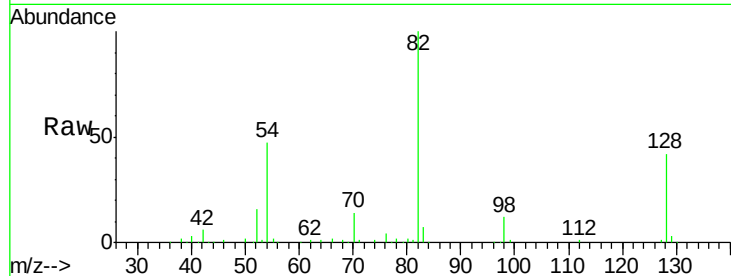




#23
 Nitrobenzene-d5
 Concen: 108.87 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.01 min
 Lab File: BF089648.D
 Acq: 6 Aug 2016 3:36

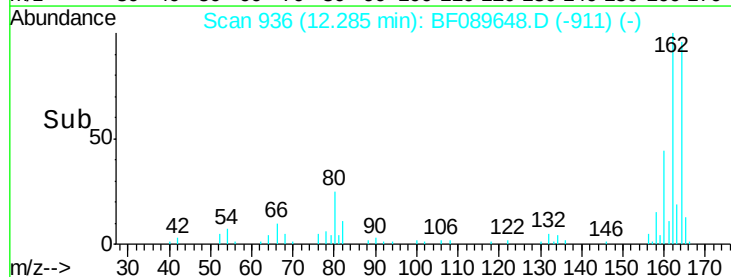
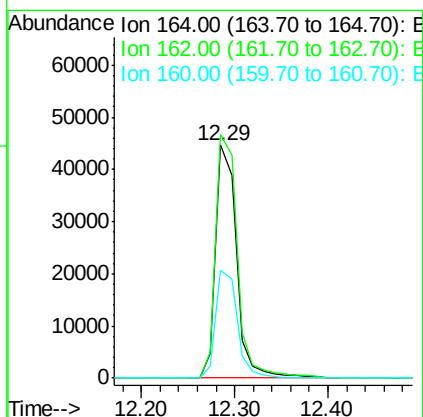
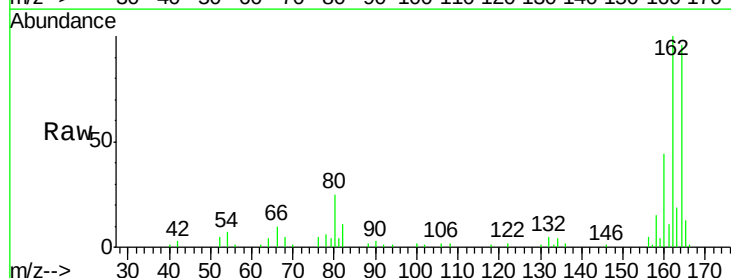
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VP

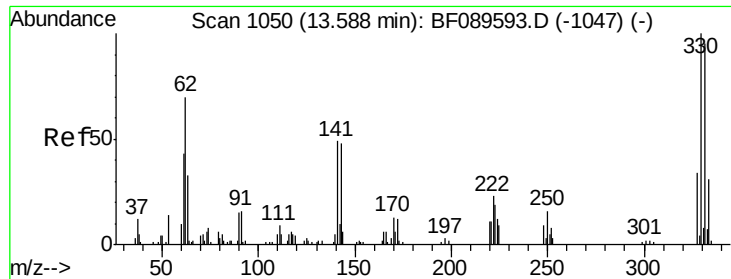
Tgt Ion: 82 Resp: 330157
 Ion Ratio Lower Upper
 82 100
 128 41.8 35.4 53.0
 54 47.1 36.4 54.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.29 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF089648.D
 Acq: 6 Aug 2016 3:36

Tgt Ion: 164 Resp: 69613
 Ion Ratio Lower Upper
 164 100
 162 104.5 85.7 128.5
 160 46.0 38.2 57.4

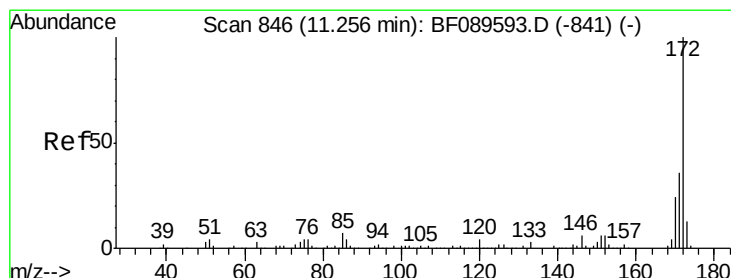
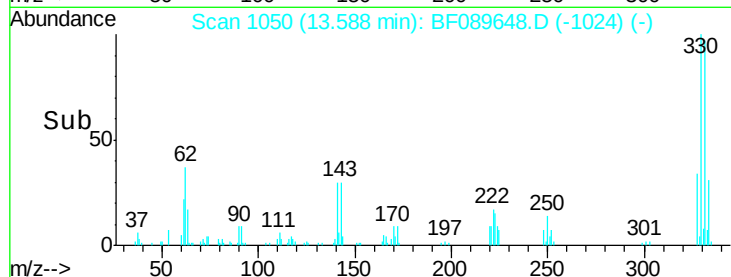
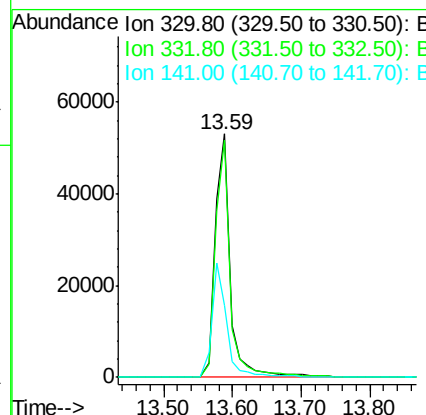
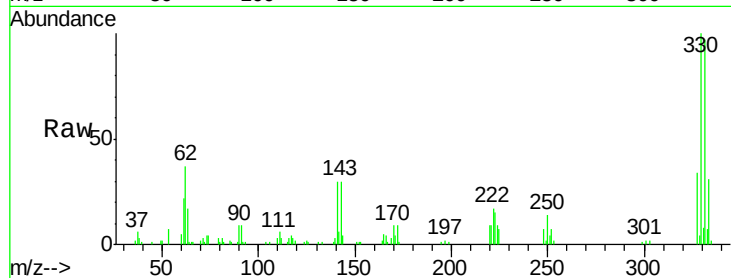




#41
 2,4,6-Tribromophenol
 Concen: 143.41 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF089648.D
 Acq: 6 Aug 2016 3:36

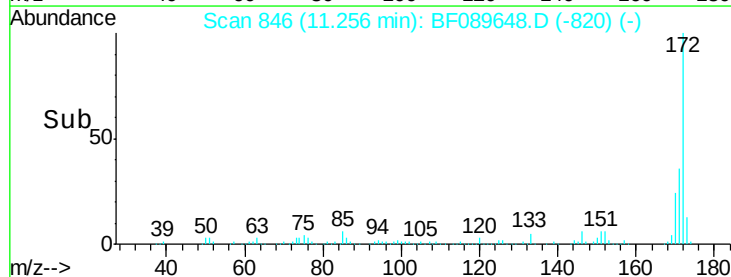
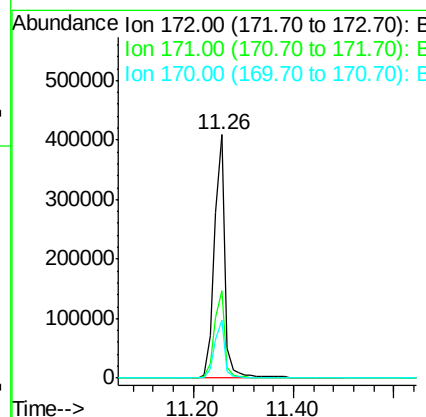
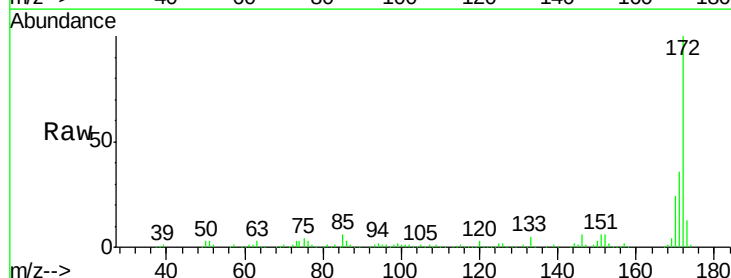
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-GAC-VP

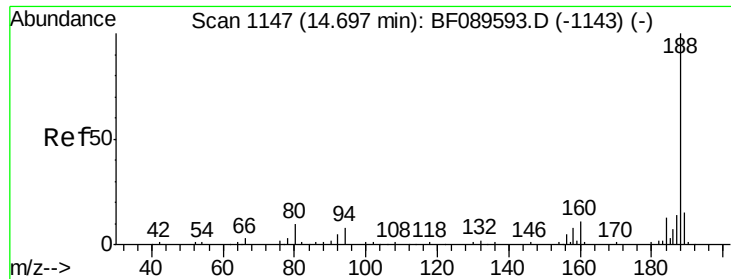
Tgt Ion:330 Resp: 82387
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 45.7 38.6 57.8



#44
 2-Fluorobiphenyl
 Concen: 112.02 ng
 RT: 11.26 min Scan# 846
 Delta R.T. 0.00 min
 Lab File: BF089648.D
 Acq: 6 Aug 2016 3:36

Tgt Ion:172 Resp: 600036
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.7 19.0 28.6

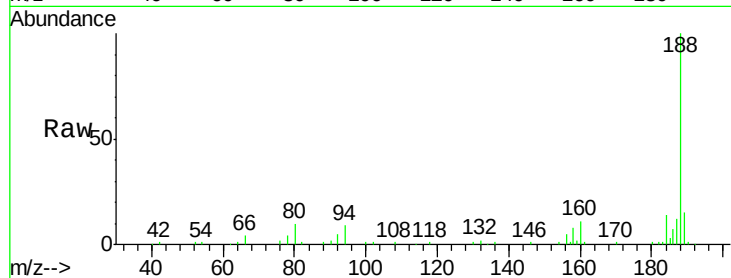




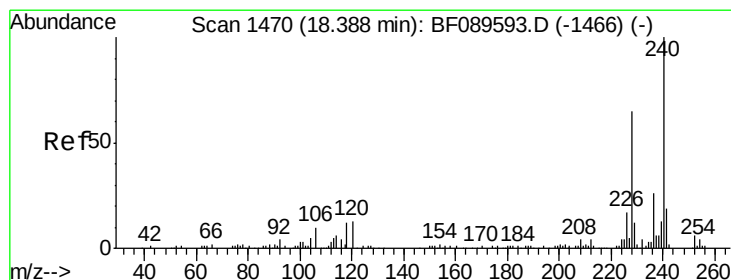
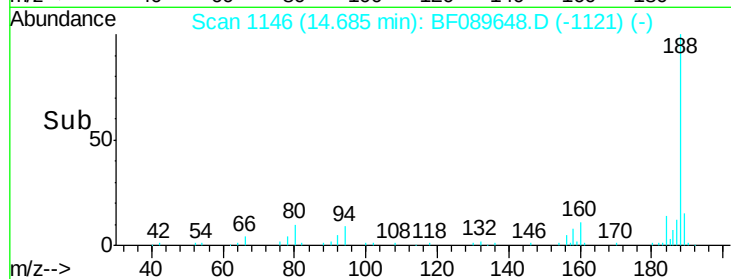
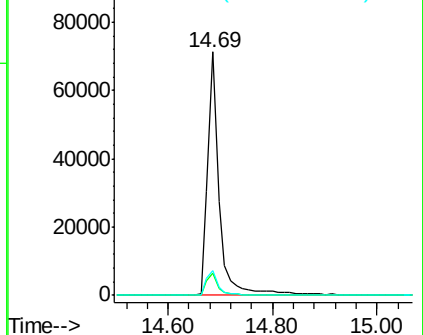
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.69 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Instrument :
BNA_F
ClientSampleId :
WASTE-GAC-VP

Tgt Ion:188 Resp: 108873
Ion Ratio Lower Upper
188 100
94 9.2 6.5 9.7
80 10.3 8.0 12.0

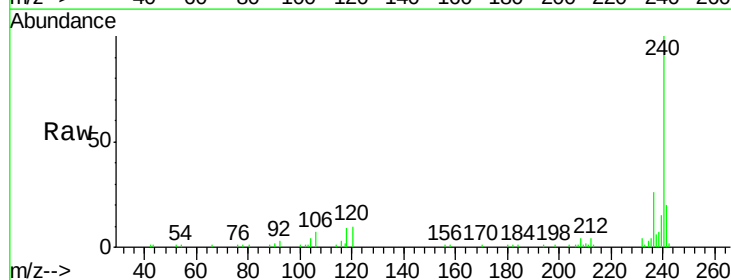


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

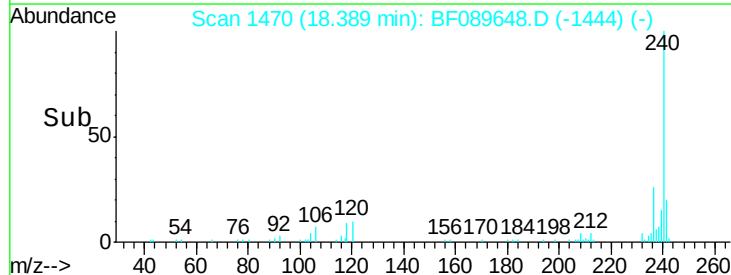
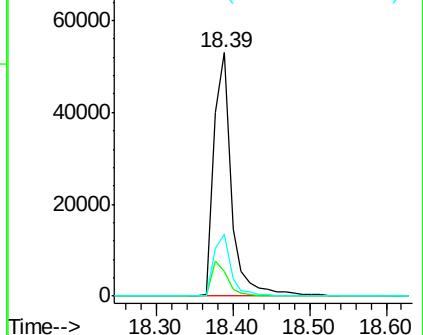


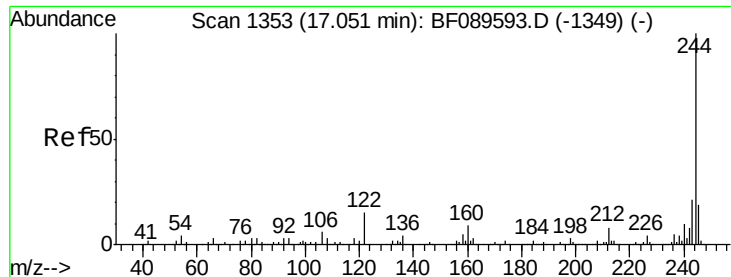
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.39 min Scan# 1470
Delta R.T. 0.00 min
Lab File: BF089648.D
Acq: 6 Aug 2016 3:36

Tgt Ion:240 Resp: 84579
Ion Ratio Lower Upper
240 100
120 10.3 10.6 15.8#
236 25.6 20.6 30.8



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: 83.76 ng

RT: 17.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF089648.D

Acq: 6 Aug 2016 3:36

Instrument :

BNA_F

ClientSampleId :

WASTE-GAC-VP

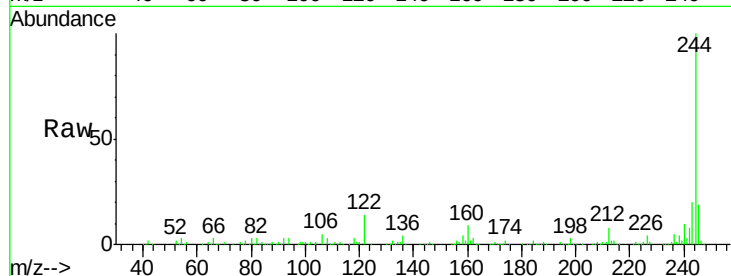
Tgt Ion:244 Resp: 358858

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

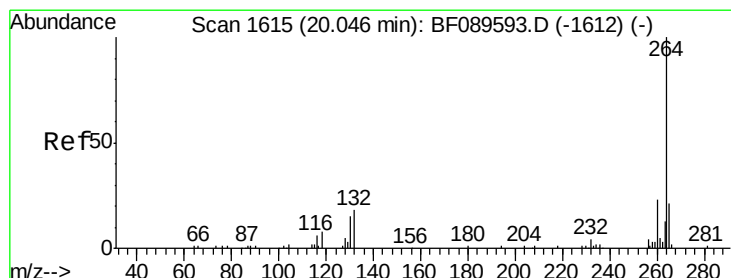
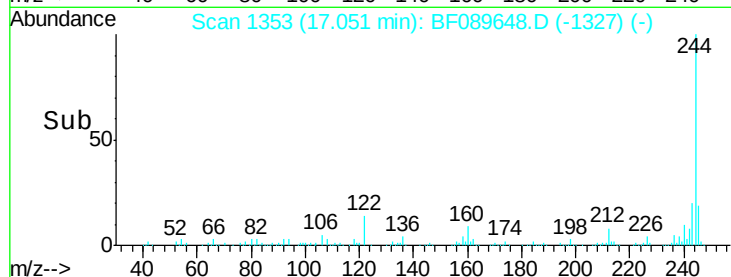
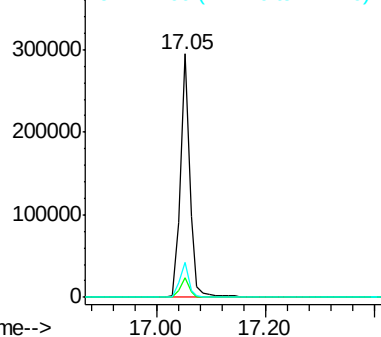
122 14.3 12.2 18.2



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: 20.00 ng

RT: 20.05 min Scan# 1615

Delta R.T. 0.00 min

Lab File: BF089648.D

Acq: 6 Aug 2016 3:36

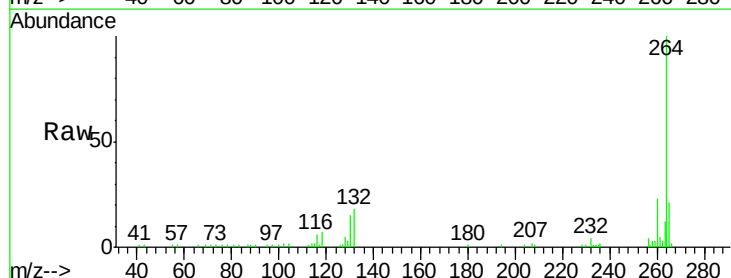
Tgt Ion:264 Resp: 71842

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

265 21.2 16.5 24.7



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

