

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041516\
 Data File : BF086234.D
 Acq On : 15 Apr 2016 23:35
 Operator : UM/SJ
 Sample : H2402-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW-WASTE-CHARACTERIZATION-

Quant Time: Apr 16 01:49:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

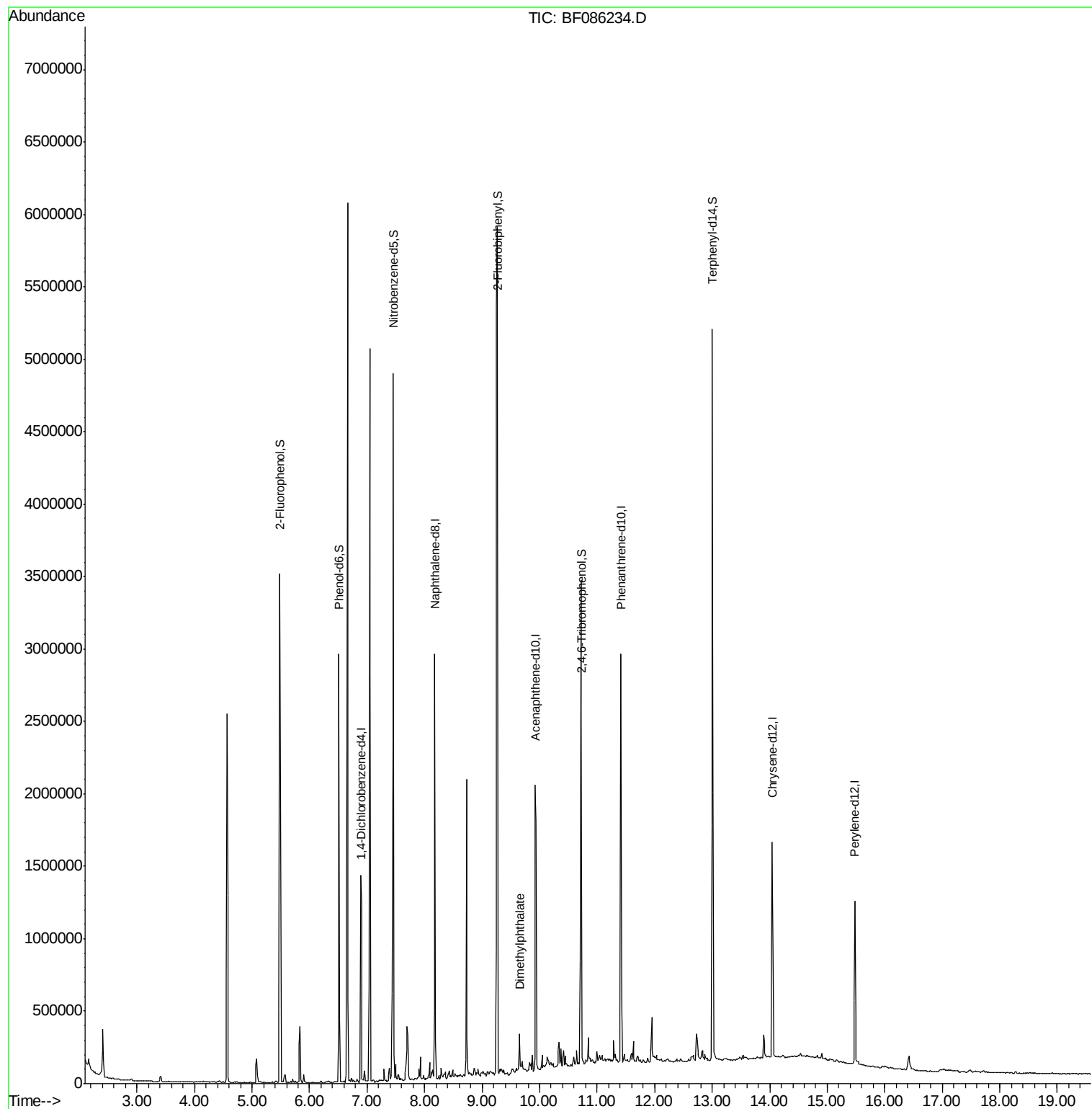
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	301705	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1224399	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	540675	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	936432	20.00	ng	0.00
75) Chrysene-d12	14.04	240	582171	20.00	ng	-0.01
86) Perylene-d12	15.48	264	478069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1233124	66.97	ng	0.00
7) Phenol-d6	6.51	99	949844	41.24	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1756306	82.73	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	554908	127.81	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2689269	91.78	ng	0.00
78) Terphenyl-d14	13.00	244	1858125	80.26	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	119647	3.04	ng	Qvalue 97

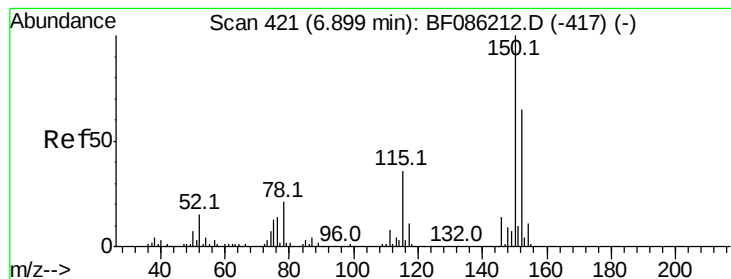
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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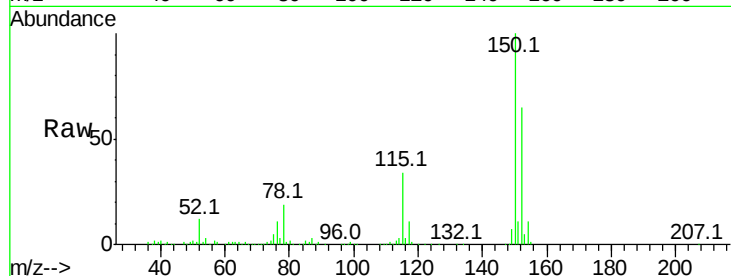


#1

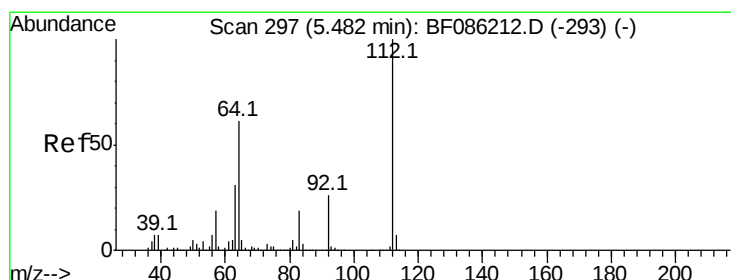
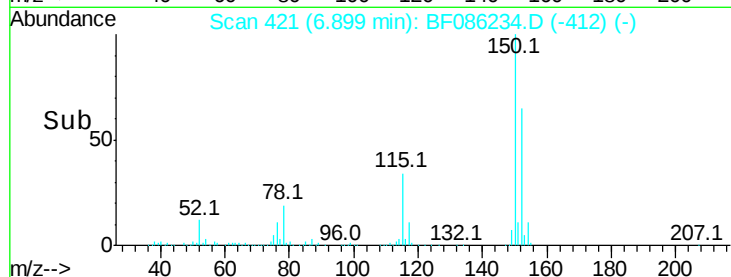
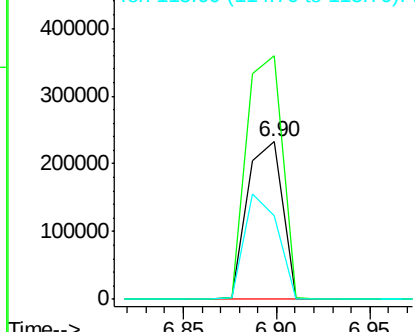
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF086234.D
Acq: 15 Apr 2016 23:35

Instrument :
BNA_F
ClientSampleId :
GW-WASTE-CHARACTERIZATION-

Tot Ion:152 Resp: 301705
Ion Ratio Lower Upper
152 100
150 154.3 124.1 186.1
115 53.0 43.9 65.9



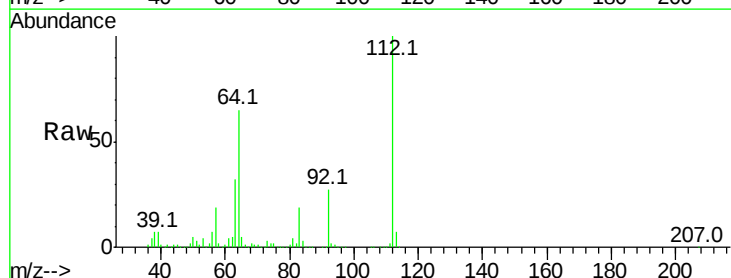
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



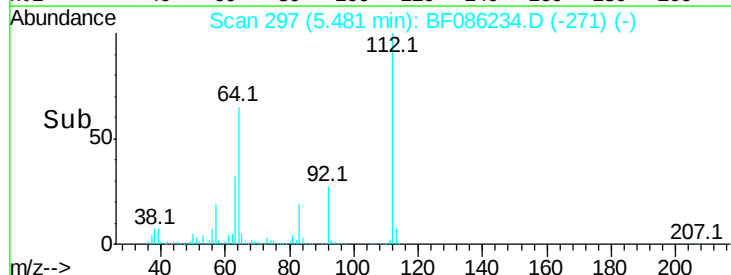
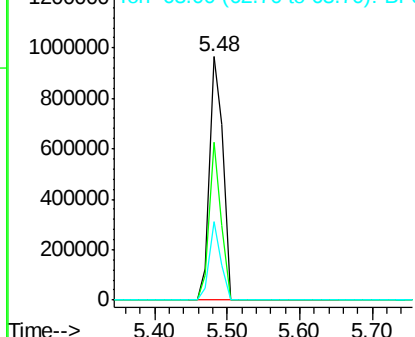
#5

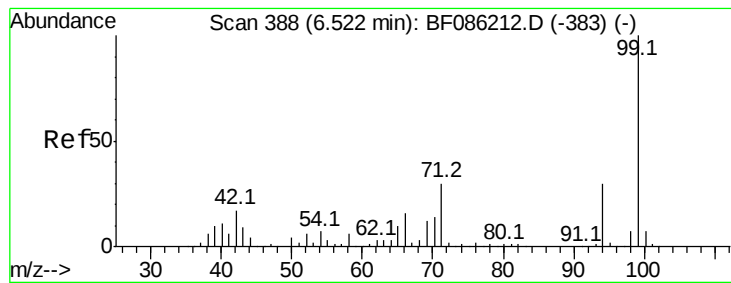
2-Fluorophenol
Concen: 66.97 ng
RT: 5.48 min Scan# 297
Delta R.T. 0.00 min
Lab File: BF086234.D
Acq: 15 Apr 2016 23:35

Tgt Ion:112 Resp: 1233124
Ion Ratio Lower Upper
112 100
64 65.1 48.1 72.1
63 32.4 25.5 38.3



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: 41.24 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086234.D

Acq: 15 Apr 2016 23:35

Instrument :

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ClientSampleId :

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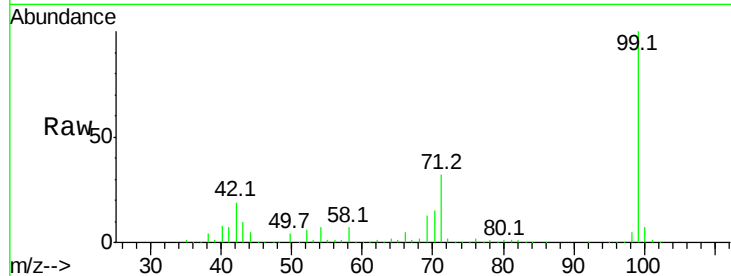
Tot Ion: 99 Resp: 949844

Ion Ratio Lower Upper

99 100

42 19.4 15.4 23.2

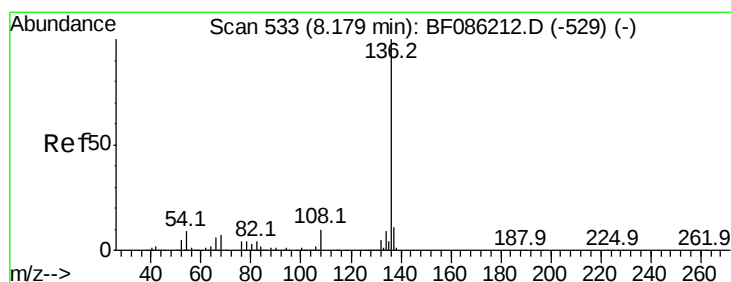
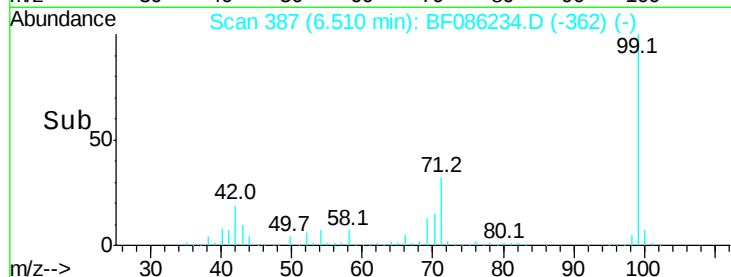
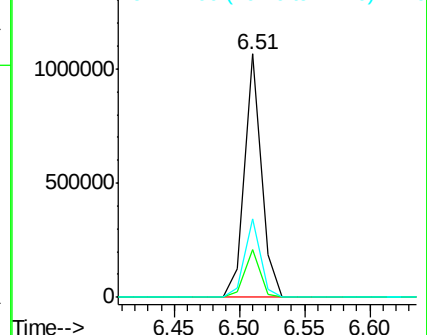
71 32.3 25.6 38.4



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: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086234.D

Acq: 15 Apr 2016 23:35

Tgt Ion: 136 Resp: 1224399

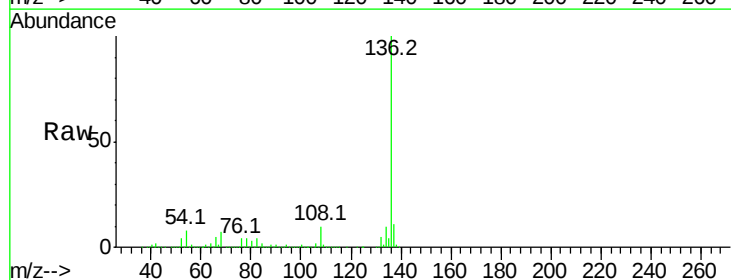
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.4 7.3 10.9

68 6.9 5.7 8.5

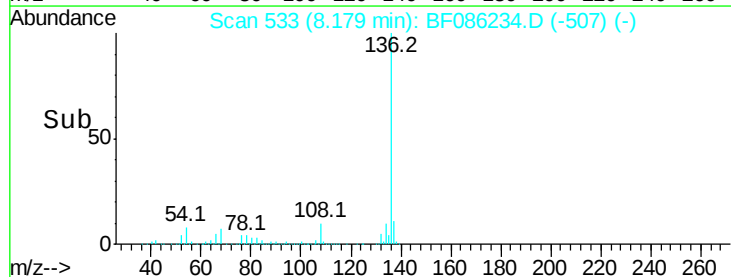
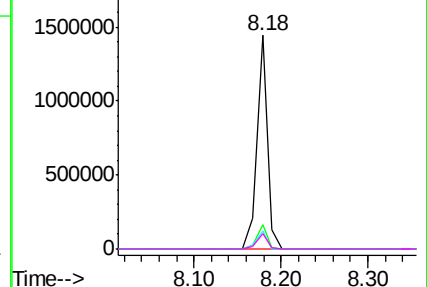


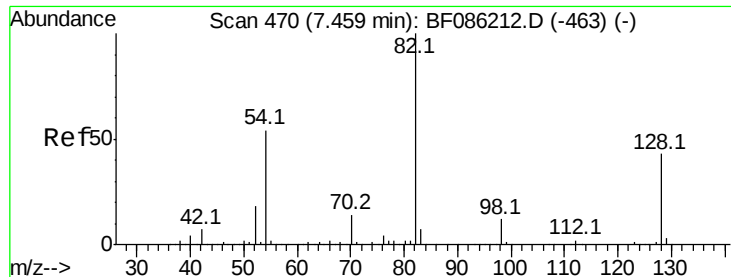
Abundance Ion 136.00 (135.70 to 136.70): E

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



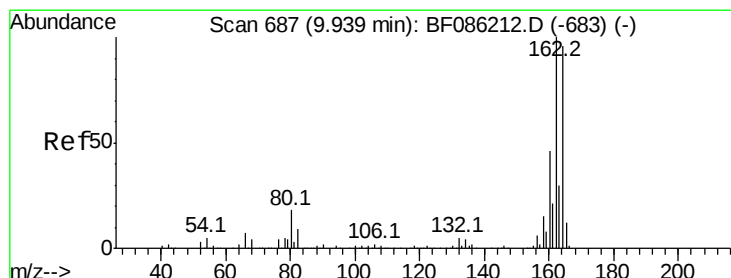
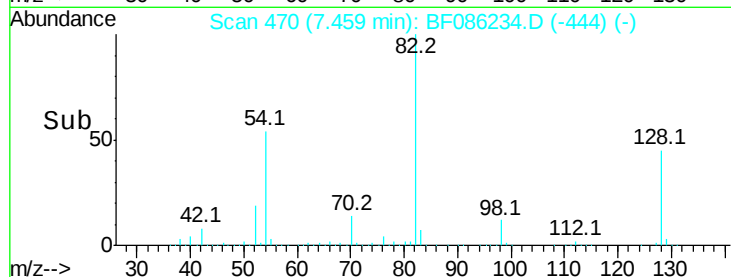
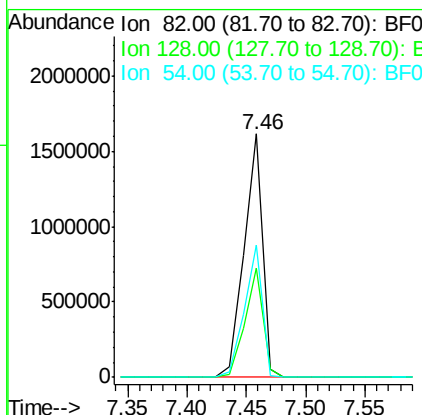
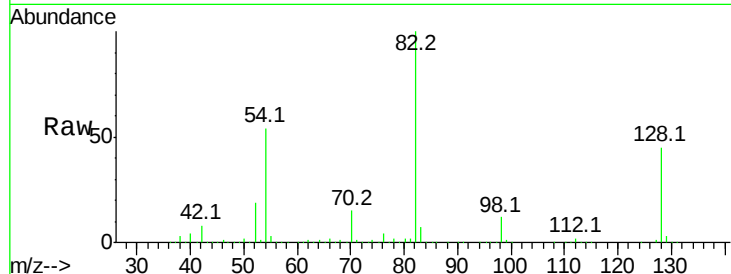


#23
 Nitrobenzene-d5
 Concen: 82.73 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF086234.D
 Acq: 15 Apr 2016 23:35

Instrument :
 BNA_F
 ClientSampleId :
 GW-WASTE-CHARACTERIZATION-

Tot Ion: 82 Resp: 1756306

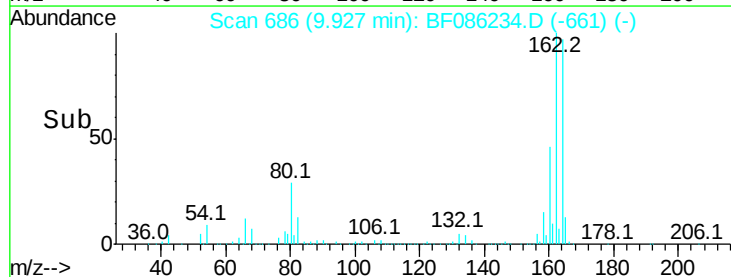
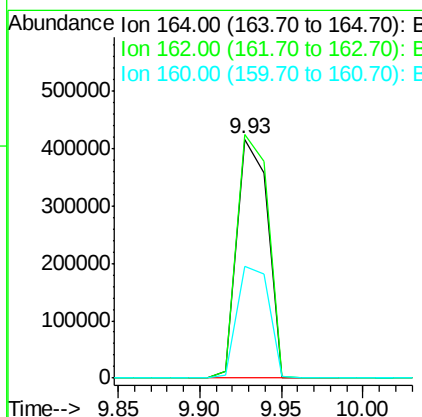
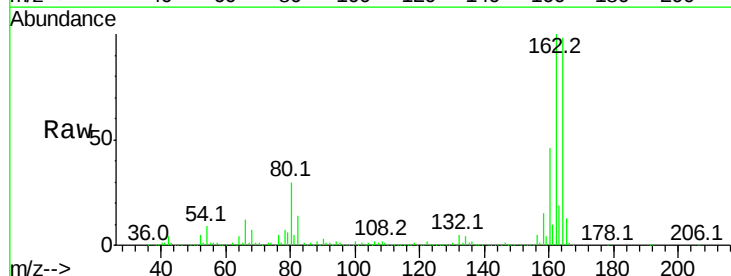
Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.4	53.2
54	54.4	43.4	65.0

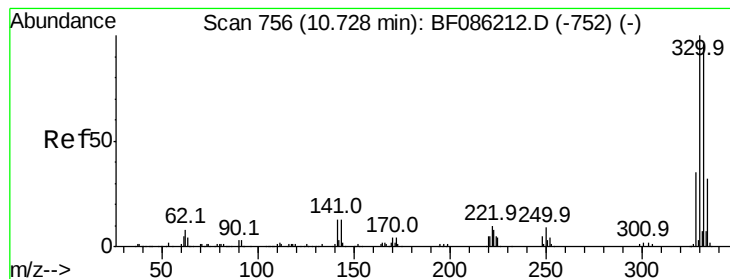


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: BF086234.D
 Acq: 15 Apr 2016 23:35

Tgt Ion:164 Resp: 540675

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.8	124.2
160	46.8	38.9	58.3





#41

2,4,6-Tribromophenol

Concen: 127.81 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF086234.D

Acq: 15 Apr 2016 23:35

Instrument :

BNA_F

ClientSampleId :

GW-WASTE-CHARACTERIZATION-

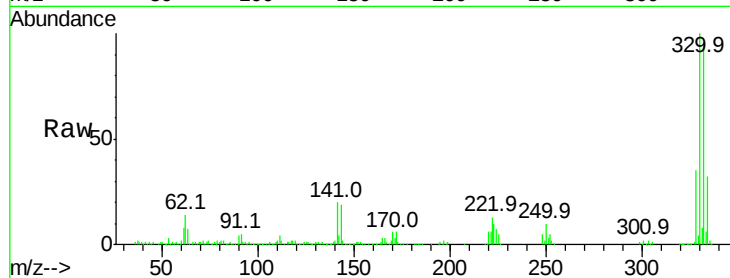
Tot Ion:330 Resp: 554908

Ion Ratio Lower Upper

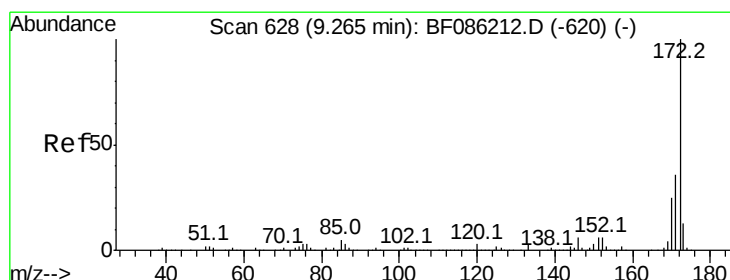
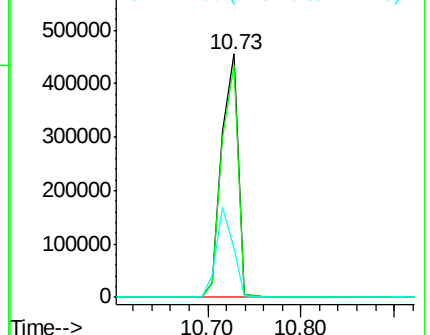
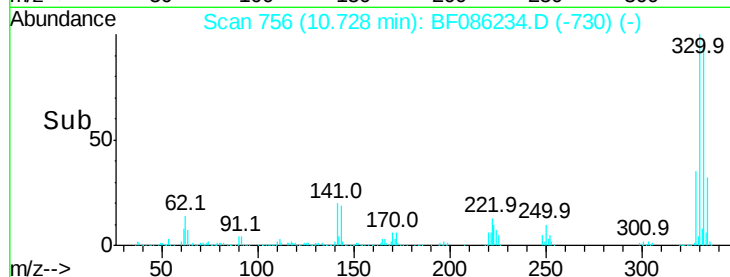
330 100

332 95.8 78.7 118.1

141 37.6 28.6 42.8



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: 91.78 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF086234.D

Acq: 15 Apr 2016 23:35

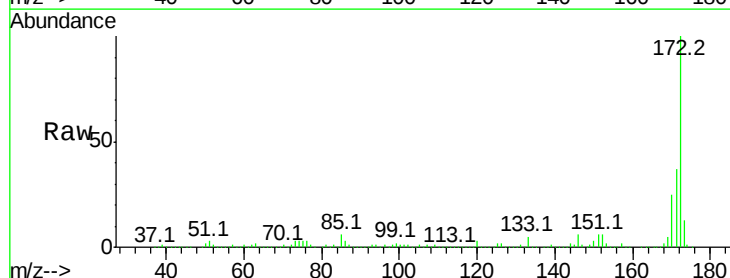
Tgt Ion:172 Resp: 2689269

Ion Ratio Lower Upper

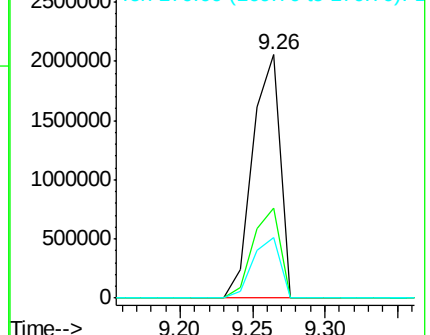
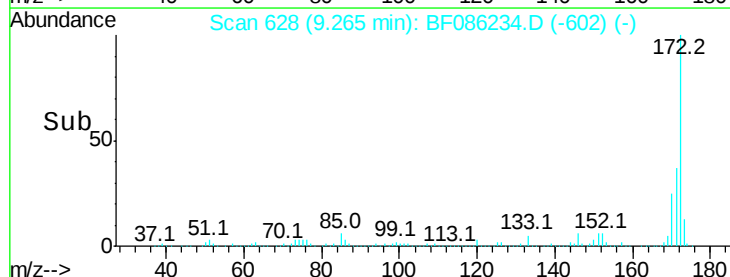
172 100

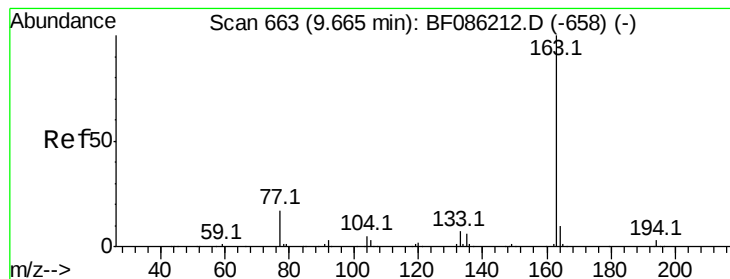
171 37.2 29.1 43.7

170 25.1 19.9 29.9



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: 3.04 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF086234.D

Acq: 15 Apr 2016 23:35

Instrument :

BNA_F

ClientSampleId :

GW-WASTE-CHARACTERIZATION-

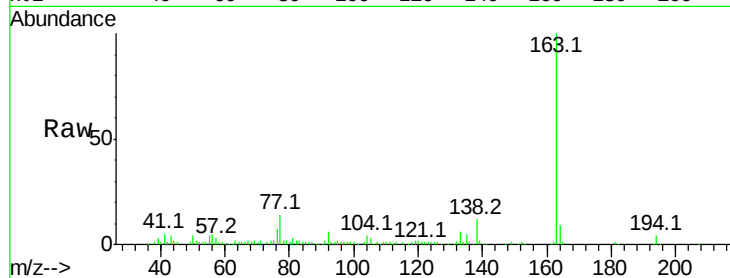
Tot Ion:163 Resp: 119647

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

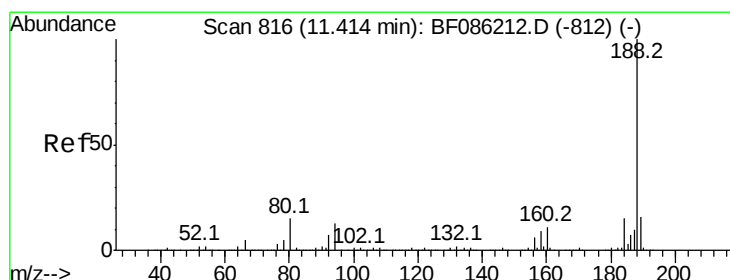
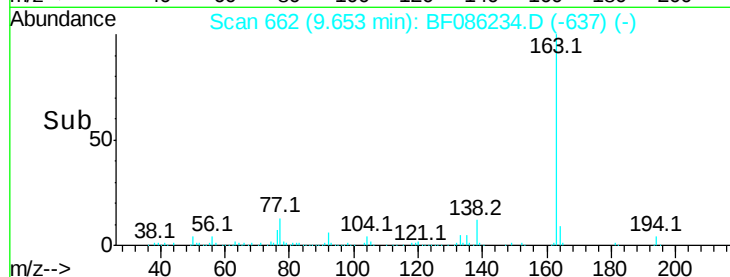
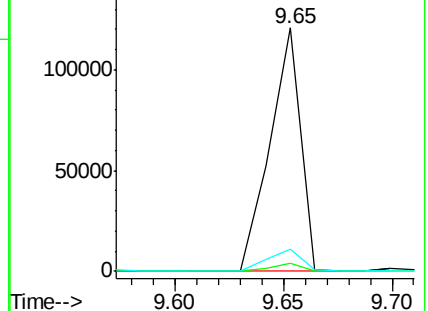
164 9.2 8.4 12.6



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: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086234.D

Acq: 15 Apr 2016 23:35

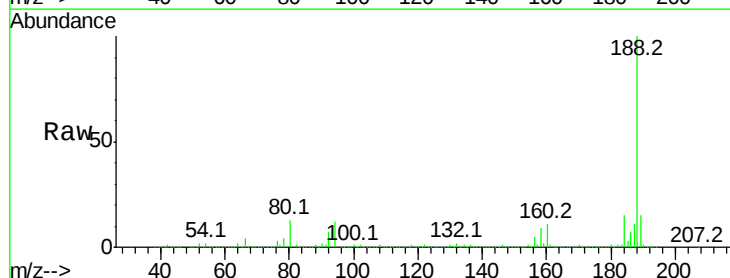
Tgt Ion:188 Resp: 936432

Ion Ratio Lower Upper

188 100

94 12.2 9.8 14.8

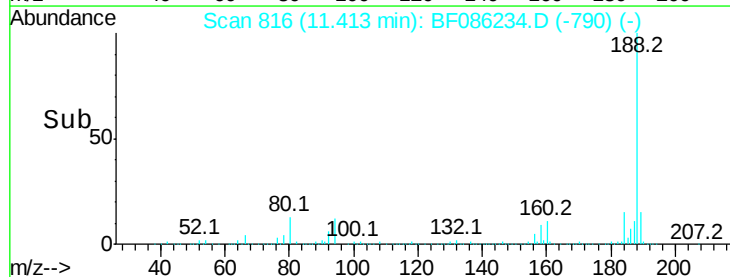
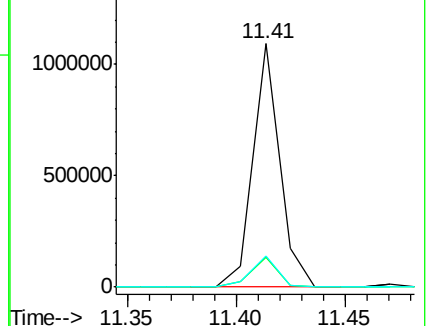
80 13.0 10.5 15.7

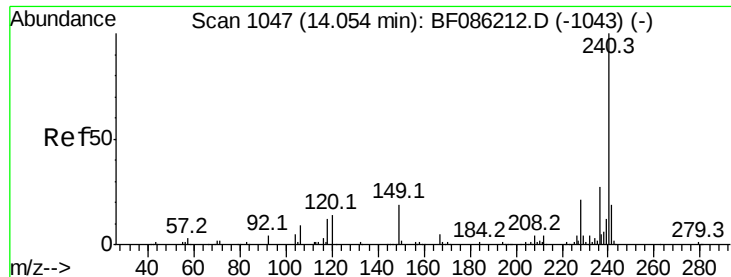


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.04 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF086234.D

Acq: 15 Apr 2016 23:35

Instrument :

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GW-WASTE-CHARACTERIZATION-

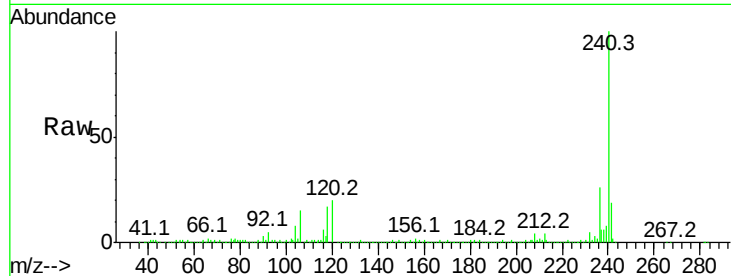
Tot Ion:240 Resp: 582171

Ion Ratio Lower Upper

240 100

120 19.8 9.3 13.9#

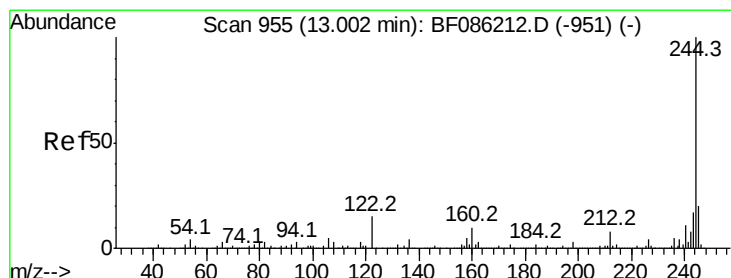
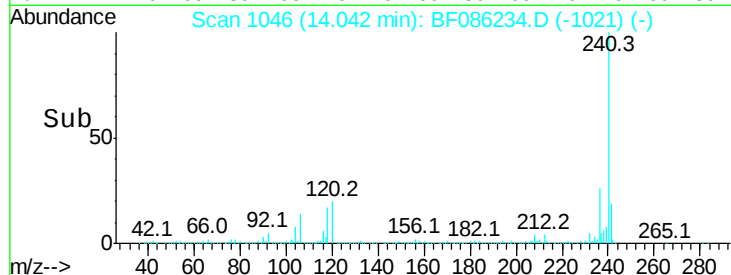
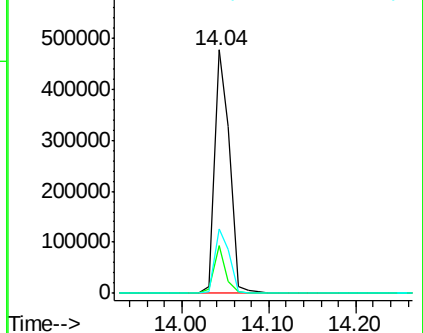
236 26.5 21.1 31.7



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: 80.26 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086234.D

Acq: 15 Apr 2016 23:35

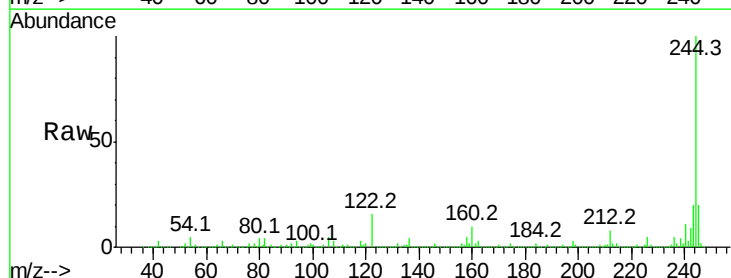
Tgt Ion:244 Resp: 1858125

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

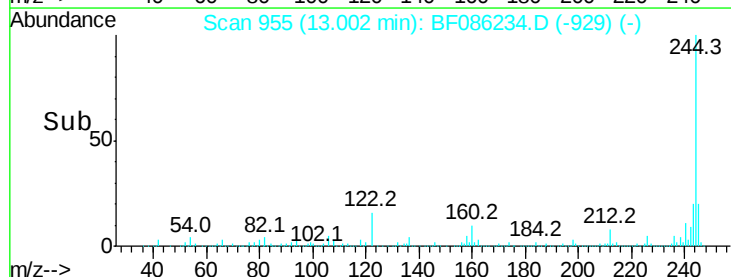
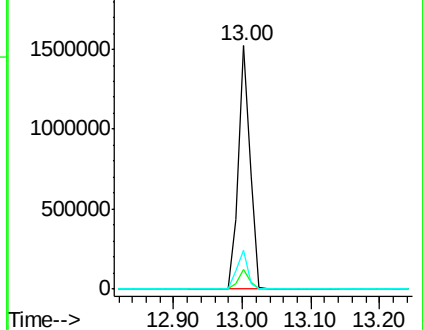
122 16.1 11.7 17.5

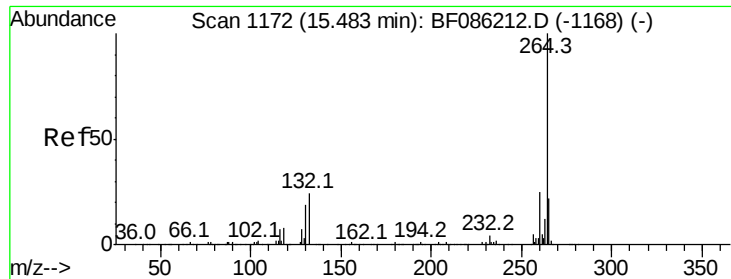


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

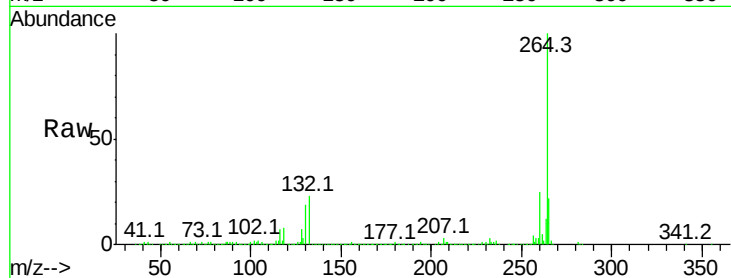




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086234.D
 Acq: 15 Apr 2016 23:35

Instrument :
 BNA_F
 ClientSampleId :
 GW-WASTE-CHARACTERIZATION-

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.0	30.0
265	21.5	17.4	26.0



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

