

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082416.D
 Acq On : 21 Oct 2015 20:56
 Operator : UM/IZ
 Sample : G4071-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B10-WASTE-CHAR.-1

Quant Time: Oct 22 10:40:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

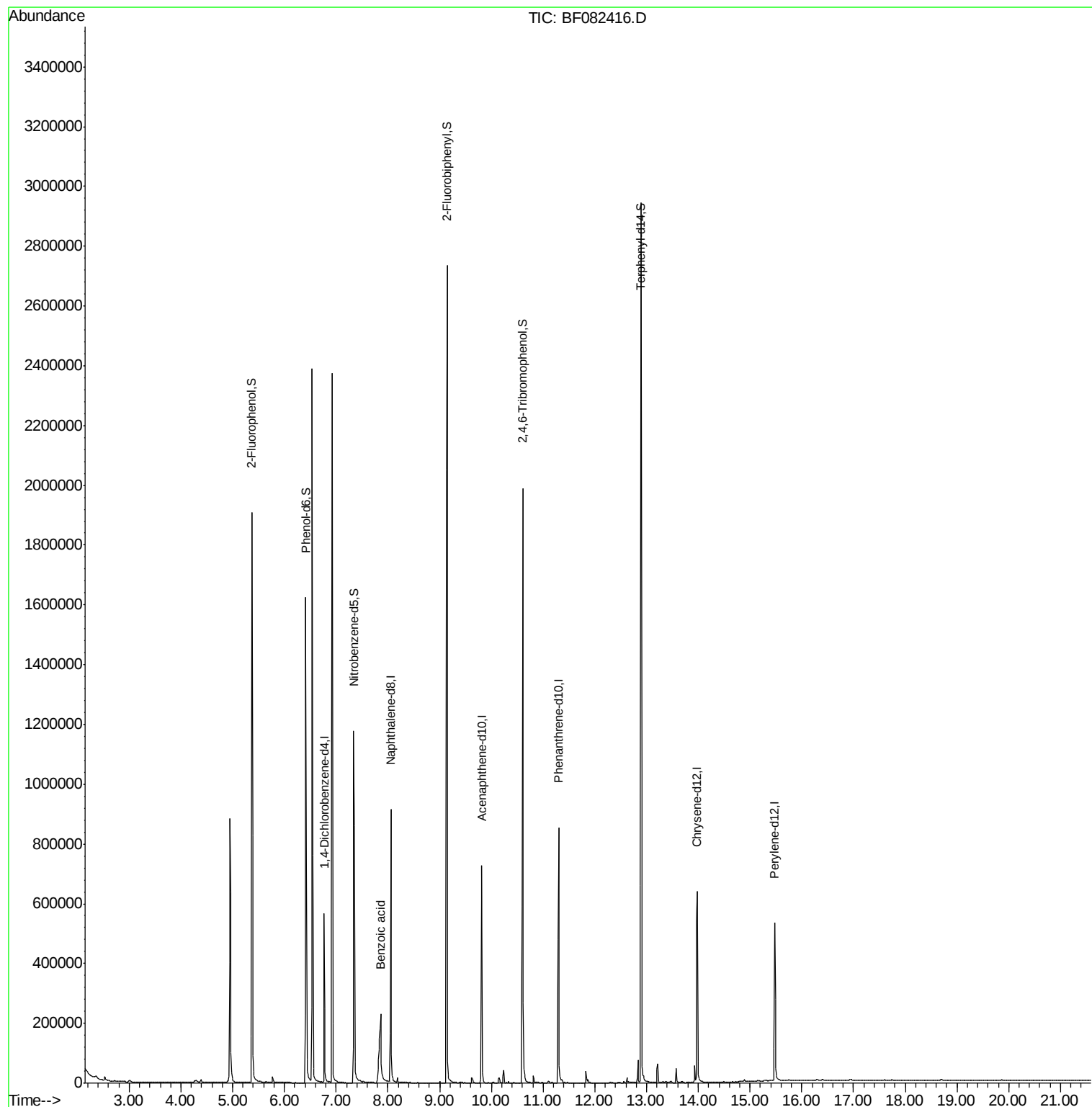
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	110320	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	434869	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	210133	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	429850	20.00	ng	0.00
75) Chrysene-d12	13.98	240	362493	20.00	ng	-0.03
86) Perylene-d12	15.48	264	267965	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	623586	114.08	ng	0.01
7) Phenol-d6	6.41	99	722119	101.52	ng	-0.01
23) Nitrobenzene-d5	7.34	82	570064	88.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	222127	112.72	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1253037	98.89	ng	0.00
78) Terphenyl-d14	12.89	244	1110829	81.20	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.86	122	140121	37.03	ng	97

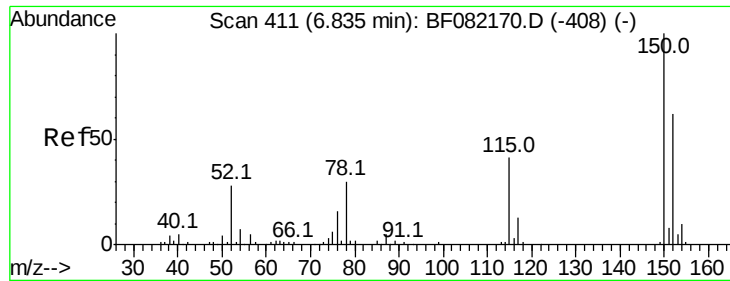
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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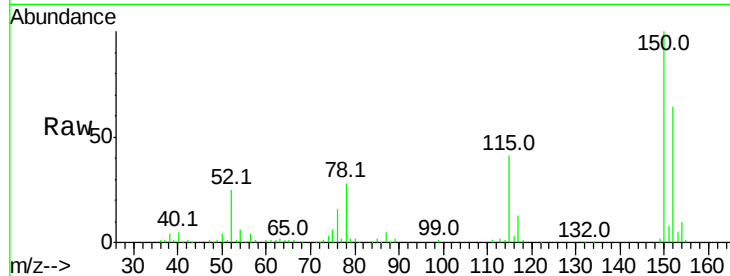


#1

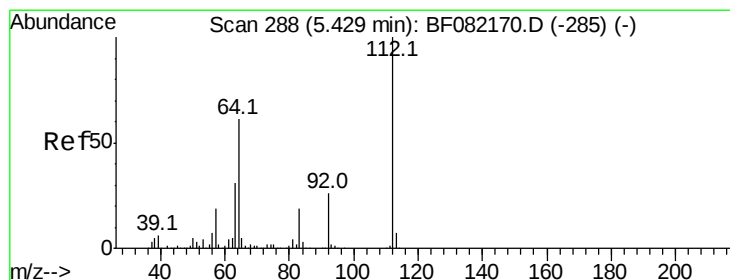
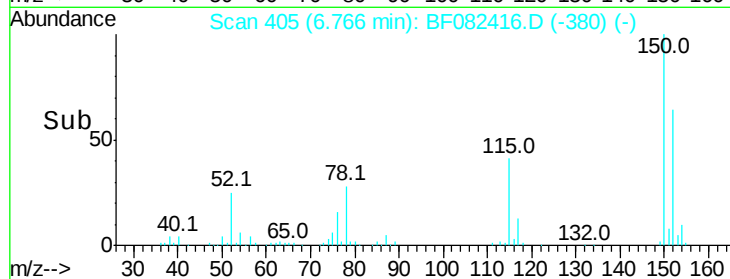
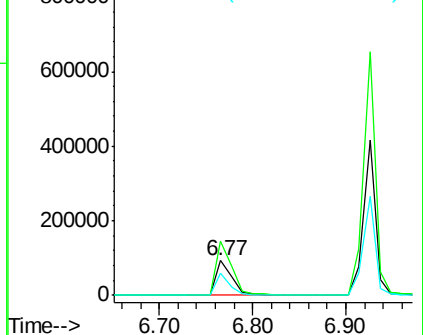
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082416.D
Acq: 21 Oct 2015 20:56

Instrument :
BNA_F
ClientSampleId :
B10-WASTE-CHAR.-1

Tot Ion:152 Resp: 110320
Ion Ratio Lower Upper
152 100
150 155.9 129.0 193.4
115 63.7 52.1 78.1



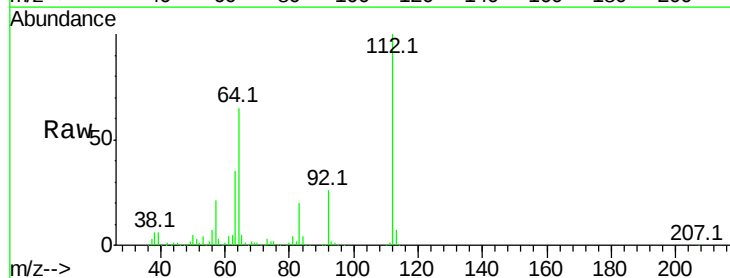
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



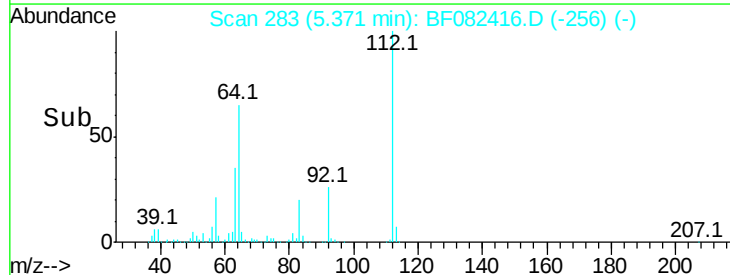
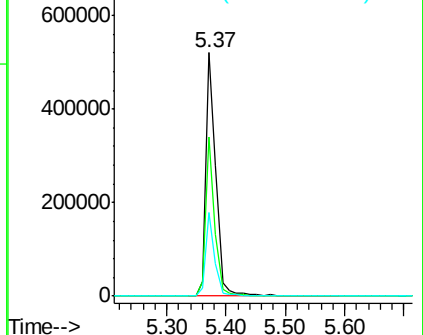
#5

2-Fluorophenol
Concen: 114.08 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082416.D
Acq: 21 Oct 2015 20:56

Tgt Ion:112 Resp: 623586
Ion Ratio Lower Upper
112 100
64 65.2 48.6 73.0
63 34.6 25.1 37.7



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: 101.52 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082416.D

Acq: 21 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

B10-WASTE-CHAR.-1

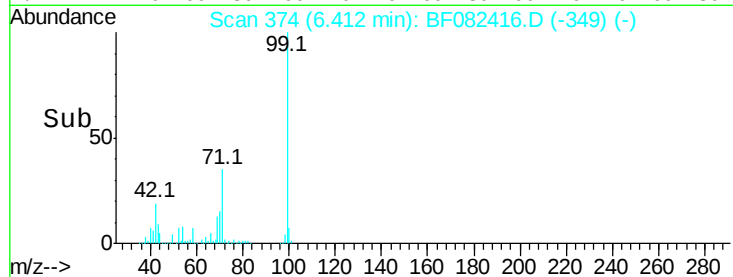
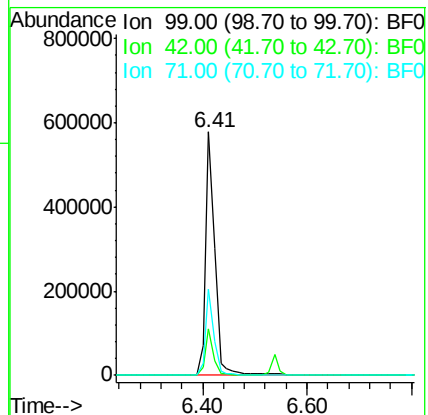
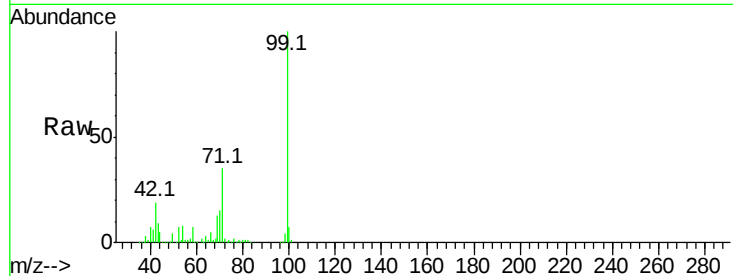
Tot Ion: 99 Resp: 722119

Ion Ratio Lower Upper

99 100

42 19.0 13.2 19.8

71 35.3 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082416.D

Acq: 21 Oct 2015 20:56

Tgt Ion: 136 Resp: 434869

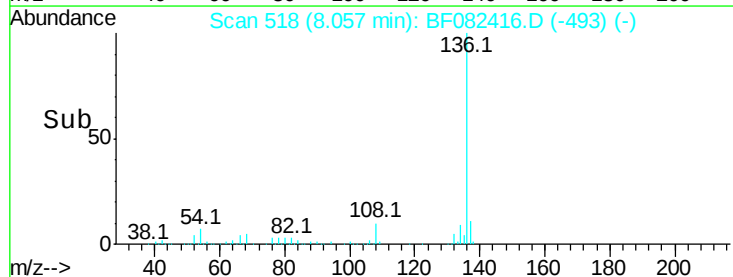
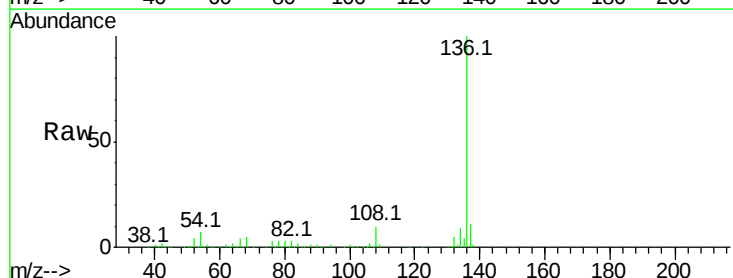
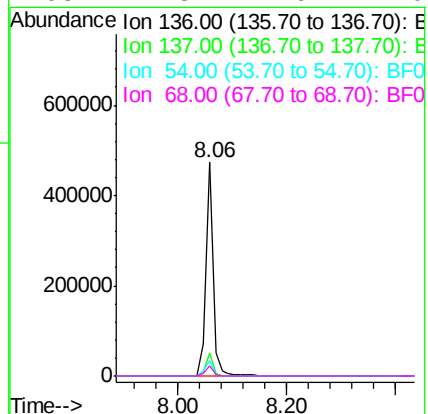
Ion Ratio Lower Upper

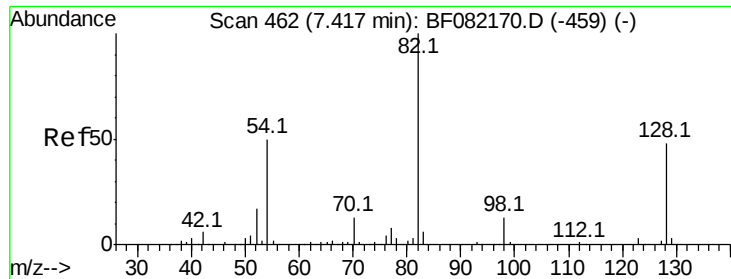
136 100

137 10.9 9.0 13.6

54 7.2 7.5 11.3#

68 4.8 4.6 7.0

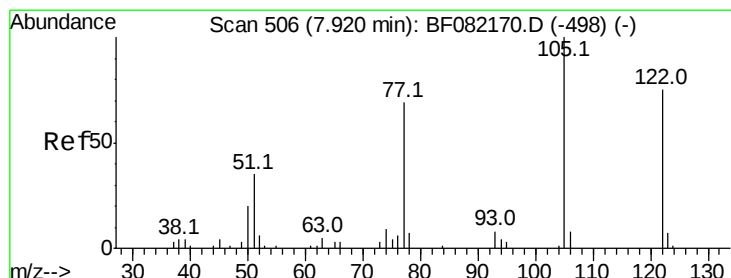
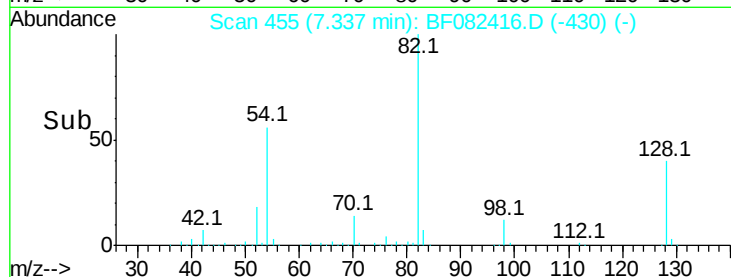
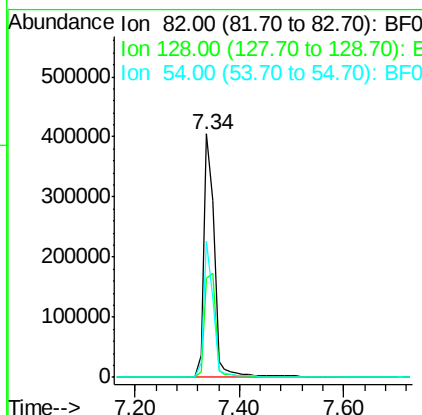
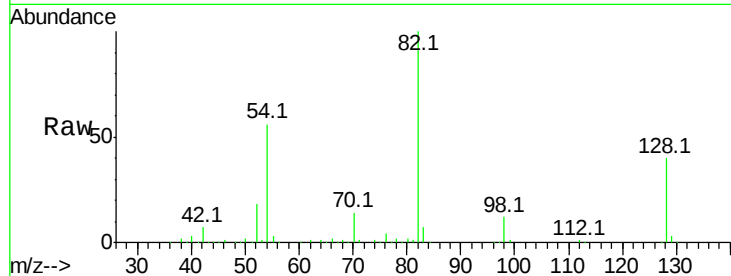




#23
 Nitrobenzene-d5
 Concen: 88.03 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082416.D
 Acq: 21 Oct 2015 20:56

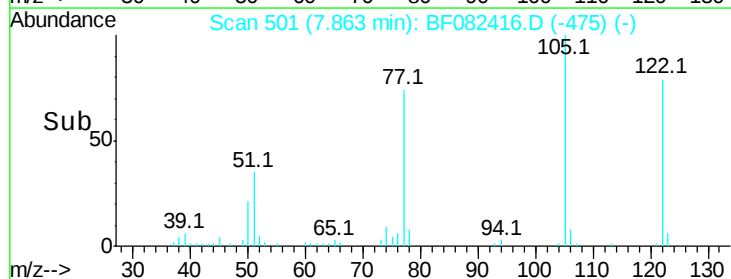
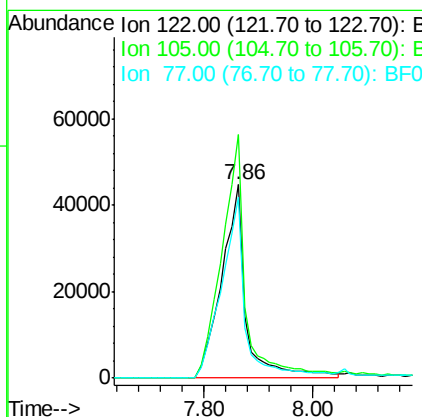
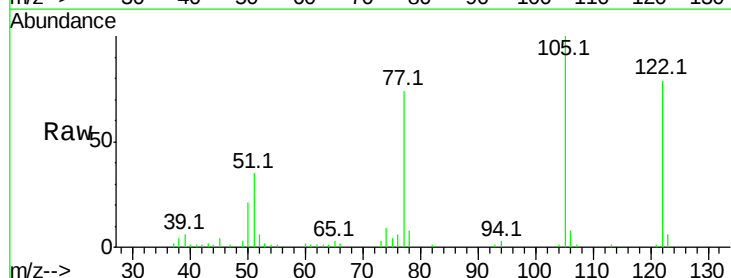
Instrument :
 BNA_F
 ClientSampleId :
 B10-WASTE-CHAR.-1

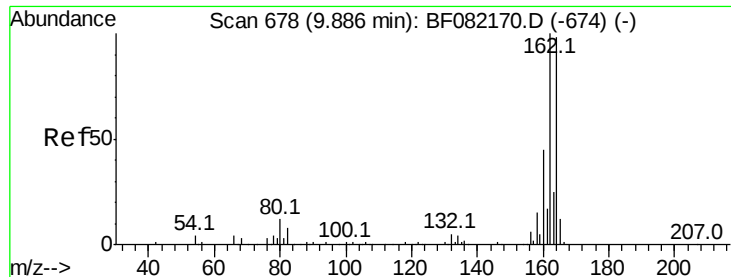
Tot Ion: 82 Resp: 570064
 Ion Ratio Lower Upper
 82 100
 128 40.5 38.7 58.1
 54 56.0 40.1 60.1



#32
 Benzoic acid
 Concen: 37.03 ng
 RT: 7.86 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: BF082416.D
 Acq: 21 Oct 2015 20:56

Tgt Ion:122 Resp: 140121
 Ion Ratio Lower Upper
 122 100
 105 125.9 104.4 144.4
 77 93.8 69.0 109.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082416.D

Acq: 21 Oct 2015 20:56

Instrument :

BNA_F

ClientSampleId :

B10-WASTE-CHAR.-1

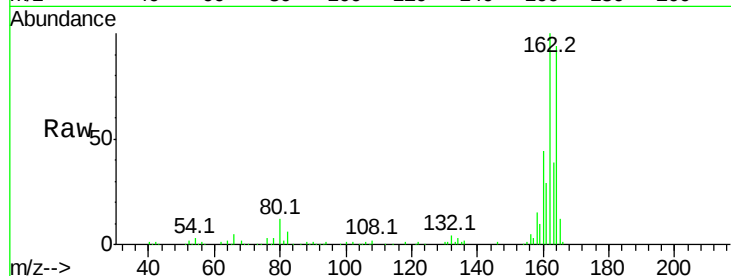
Tot Ion:164 Resp: 210133

Ion Ratio Lower Upper

164 100

162 106.8 81.6 122.4

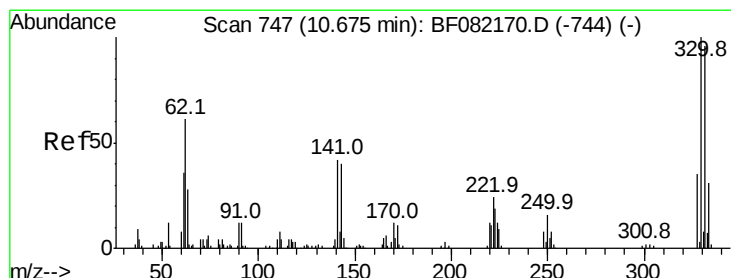
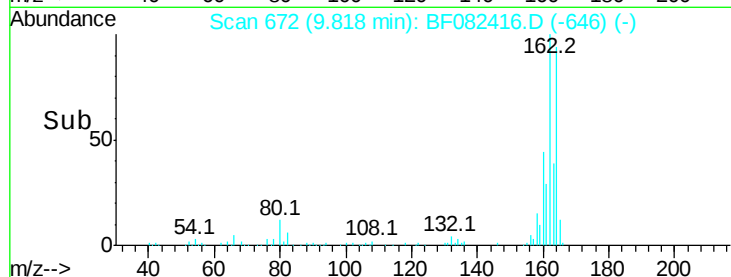
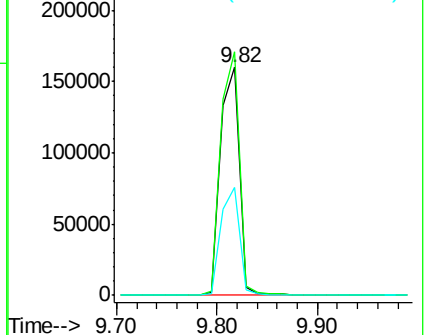
160 47.2 36.4 54.6



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: 112.72 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF082416.D

Acq: 21 Oct 2015 20:56

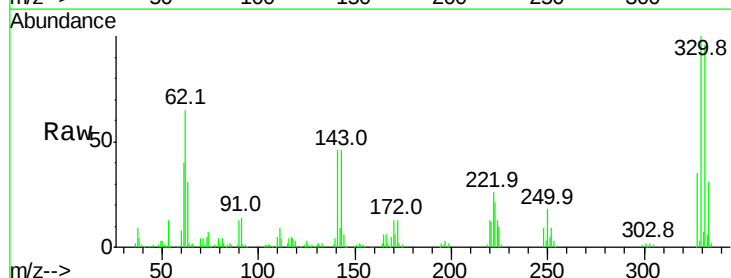
Tgt Ion:330 Resp: 222127

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

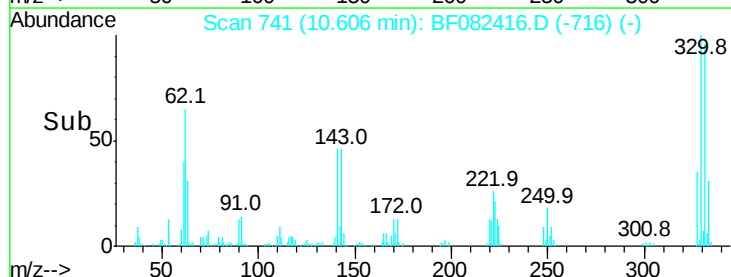
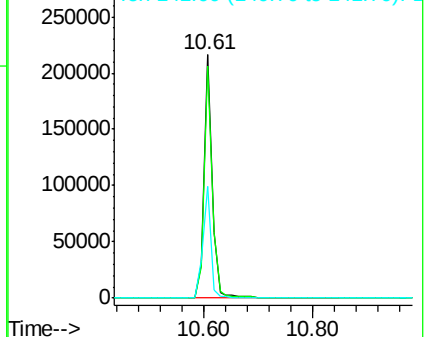
141 45.2 29.8 44.8#

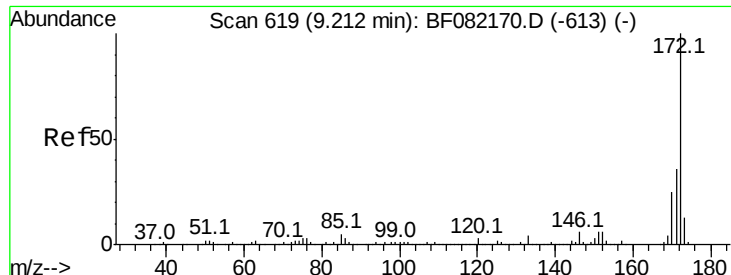


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



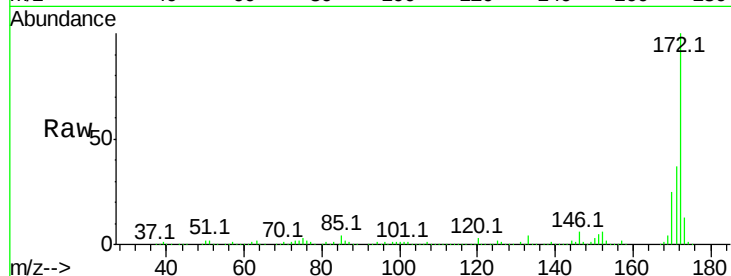


#44
 2-Fluorobiphenyl
 Concen: 98.89 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082416.D
 Acq: 21 Oct 2015 20:56

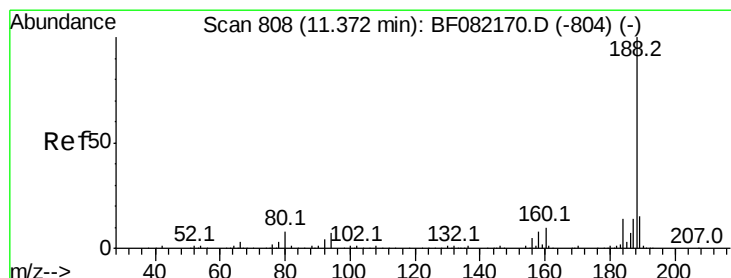
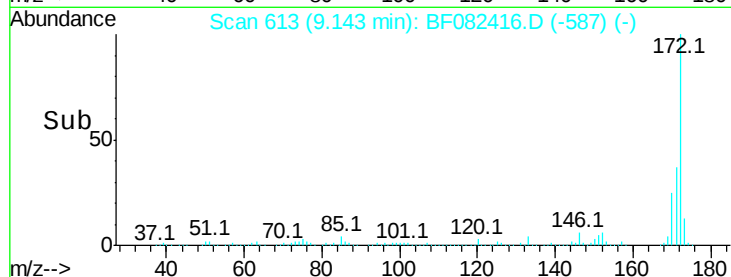
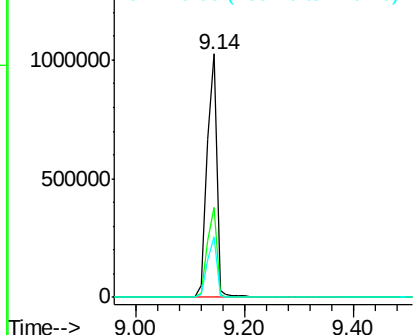
Instrument :
 BNA_F
 ClientSampleId :
 B10-WASTE-CHAR.-1

Tot Ion:172 Resp: 1253037

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.7	19.7	29.5



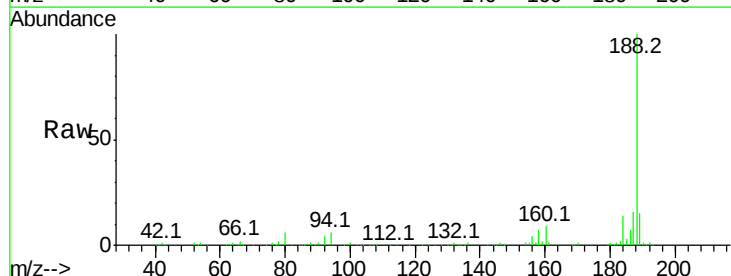
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



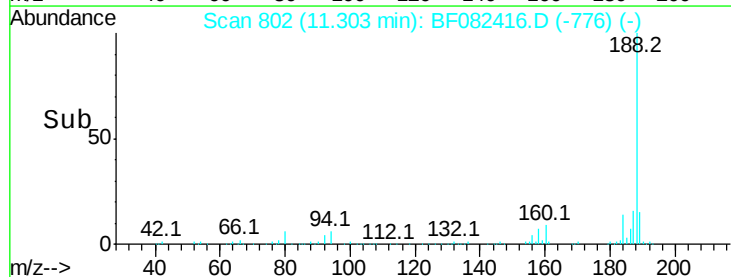
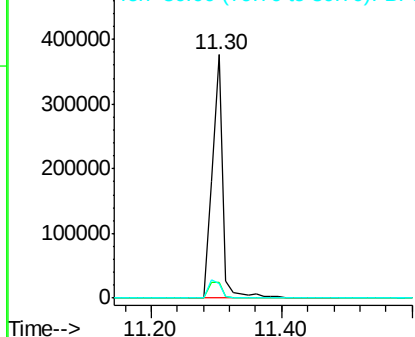
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF082416.D
 Acq: 21 Oct 2015 20:56

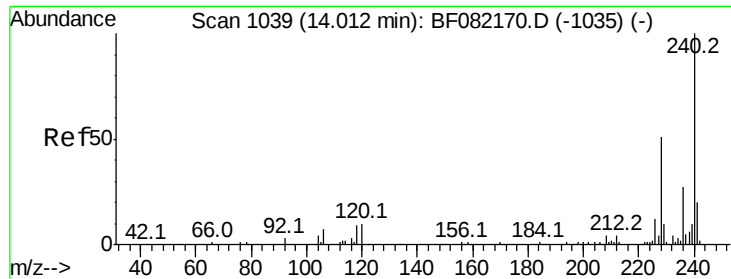
Tgt Ion:188 Resp: 429850

Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.8	8.6
80	6.2	6.4	9.6#



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: 13.98 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF082416.D

Acq: 21 Oct 2015 20:56

Instrument :

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ClientSampleId :

B10-WASTE-CHAR.-1

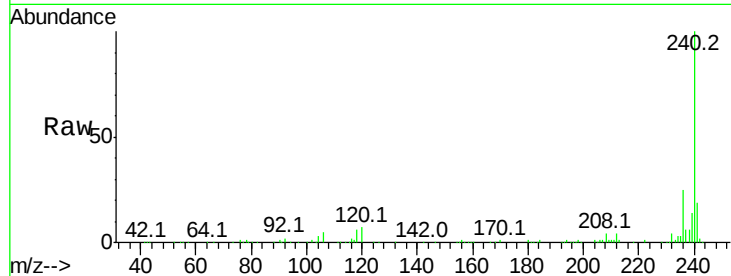
Tot Ion:240 Resp: 362493

Ion Ratio Lower Upper

240 100

120 6.9 8.1 12.1#

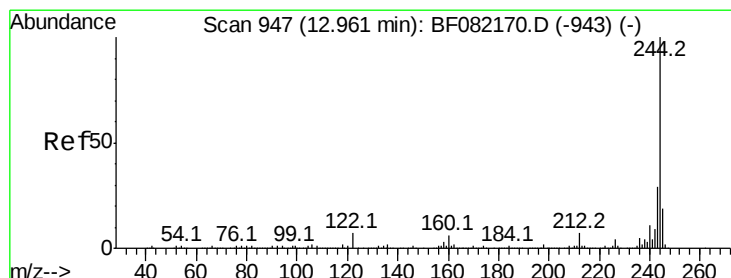
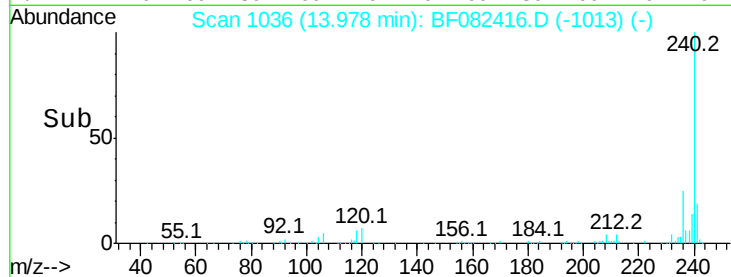
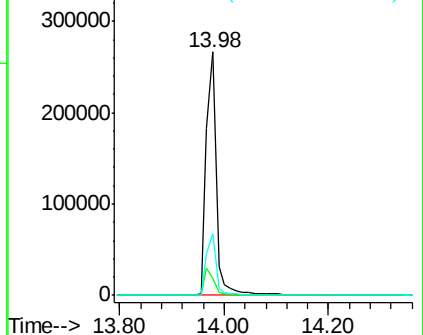
236 25.5 21.3 31.9



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: 81.20 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082416.D

Acq: 21 Oct 2015 20:56

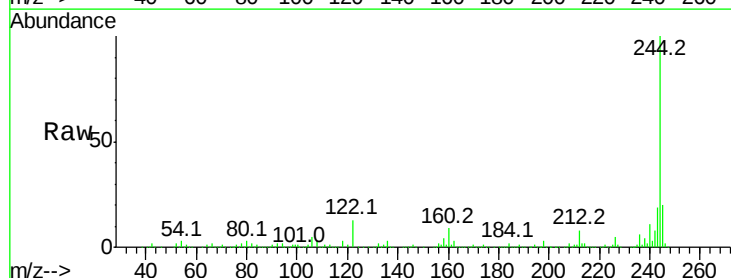
Tgt Ion:244 Resp: 1110829

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

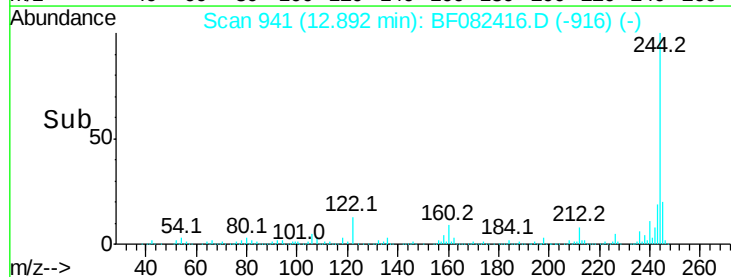
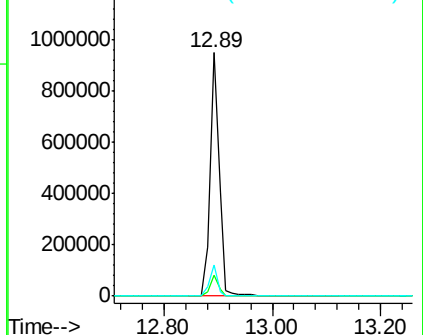
122 12.9 5.9 8.9#

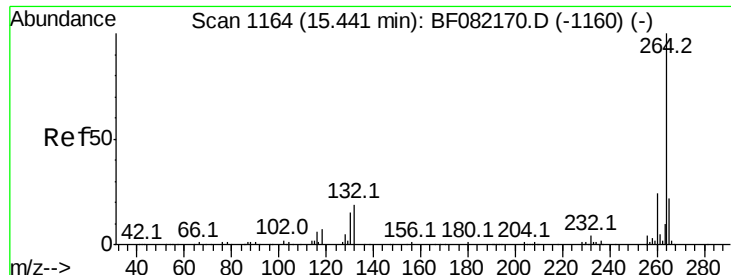


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

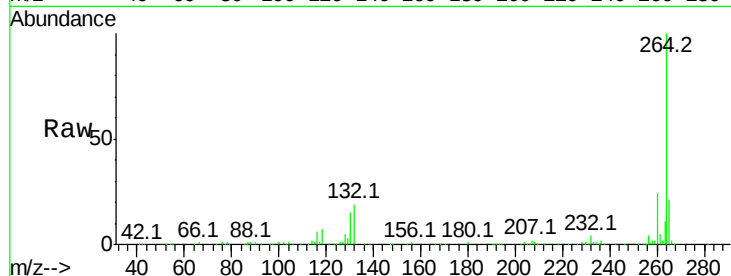




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1167
 Delta R.T. -0.06 min
 Lab File: BF082416.D
 Acq: 21 Oct 2015 20:56

Instrument :
 BNA_F
 ClientSampleId :
 B10-WASTE-CHAR.-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	21.4	17.3	25.9



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

