

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062717\
 Data File : BF096238.D
 Acq On : 28 Jun 2017 1:25
 Operator : SJ/MA
 Sample : I3872-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-062217-A

Quant Time: Jun 28 05:57:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

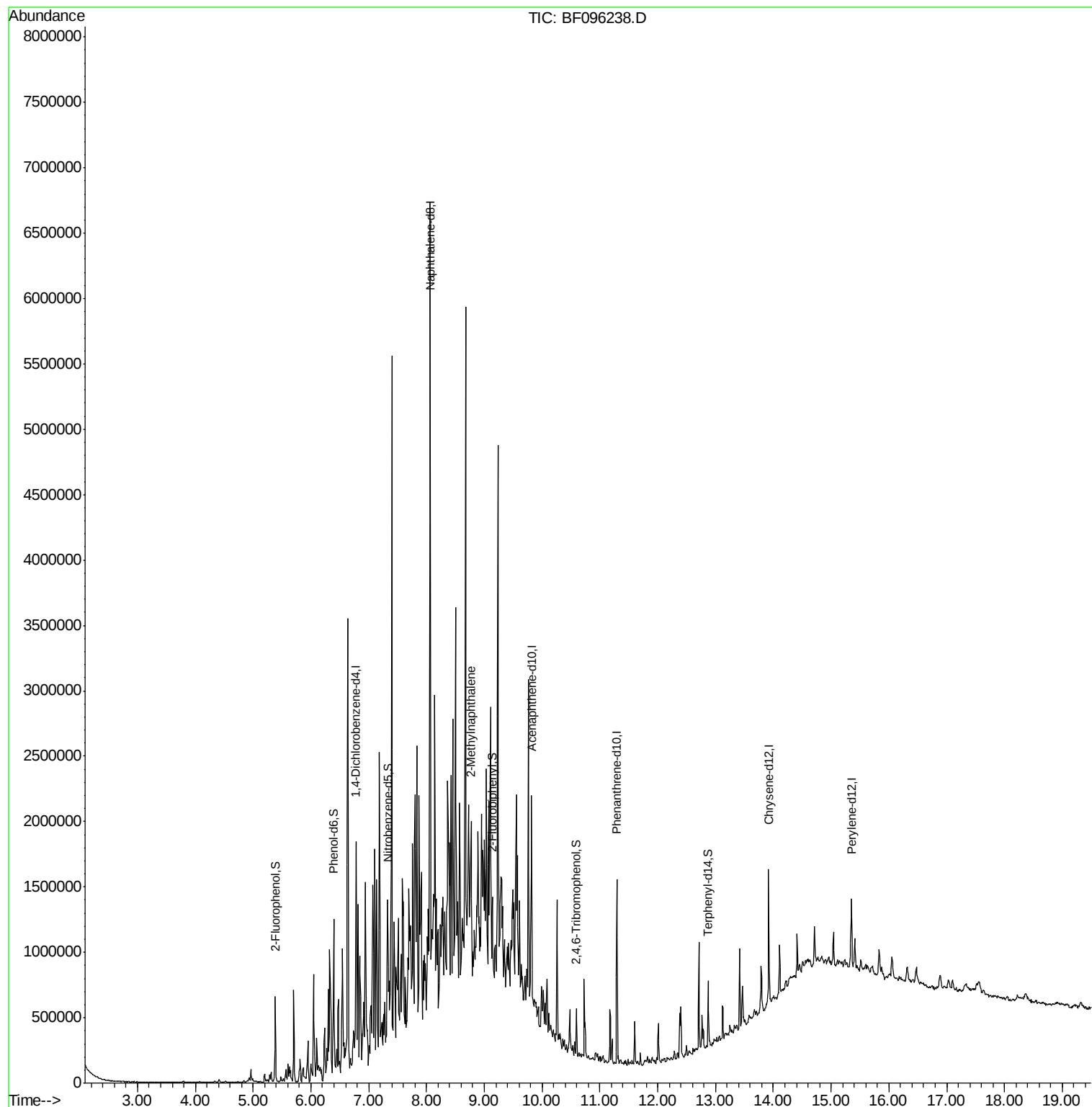
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	199753	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	597283	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	270548	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	453901	20.00	ng	0.00
75) Chrysene-d12	13.92	240	356579	20.00	ng	0.00
86) Perylene-d12	15.35	264	249299	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	156161	11.26	ng	0.00
7) Phenol-d6	6.40	99	197883	11.79	ng	0.00
23) Nitrobenzene-d5	7.33	82	123577	14.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	23514	11.04	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	168707	11.42	ng	-0.01
78) Terphenyl-d14	12.87	244	132557	9.28	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.77	142	42769	2.287	ng	Qvalue # 96

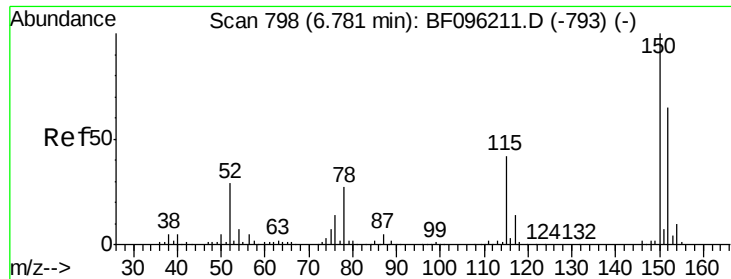
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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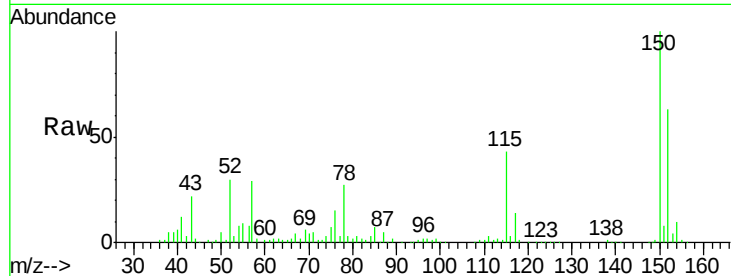


#1

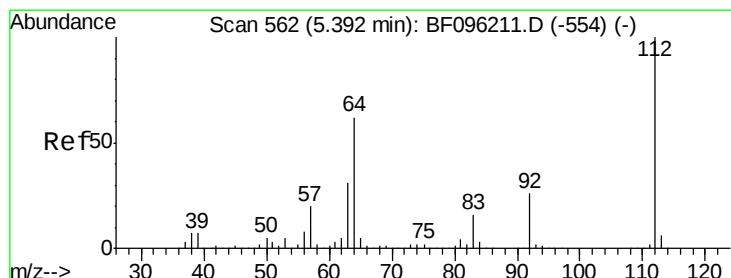
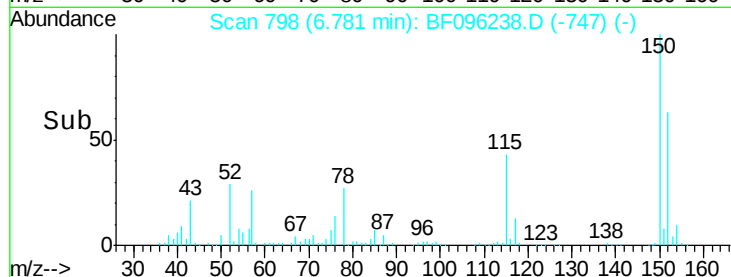
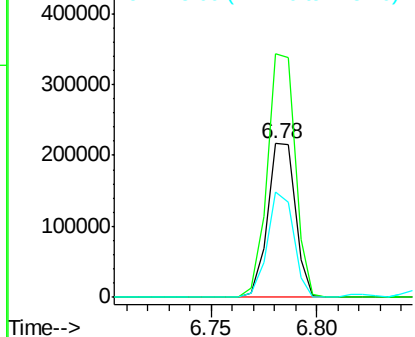
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF096238.D
Acq: 28 Jun 2017 1:25

Instrument :
BNA_F
ClientSampleId :
HR-05-062217-A

Tgt Ion:152 Resp: 199753
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 69.0 52.2 78.2



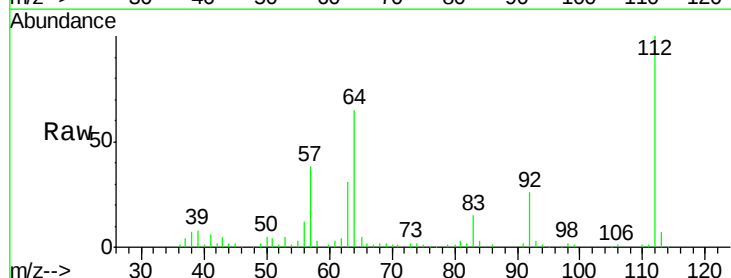
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



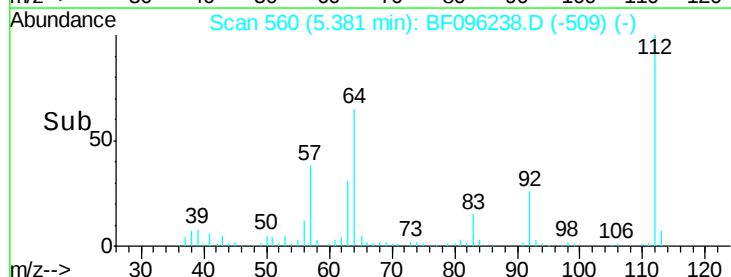
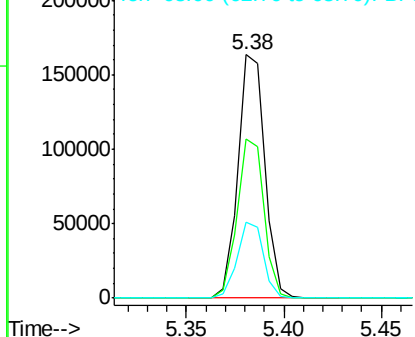
#5

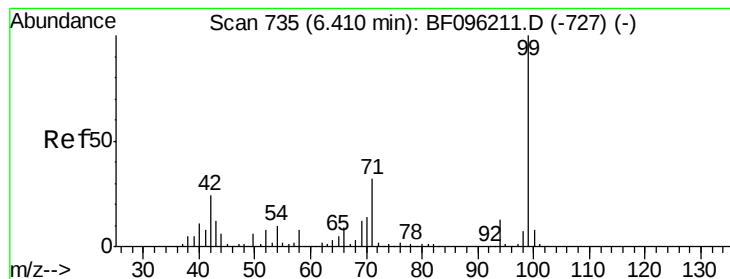
2-Fluorophenol
Concen: 11.263 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096238.D
Acq: 28 Jun 2017 1:25

Tgt Ion:112 Resp: 156161
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 31.1 23.4 35.0



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: 11.786 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096238.D

Acq: 28 Jun 2017 1:25

Instrument :

BNA_F

ClientSampleId :

HR-05-062217-A

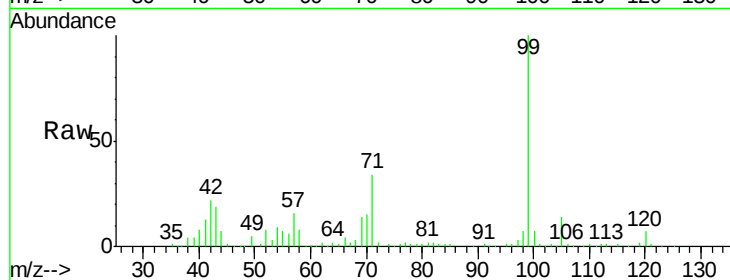
Tgt Ion: 99 Resp: 197883

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

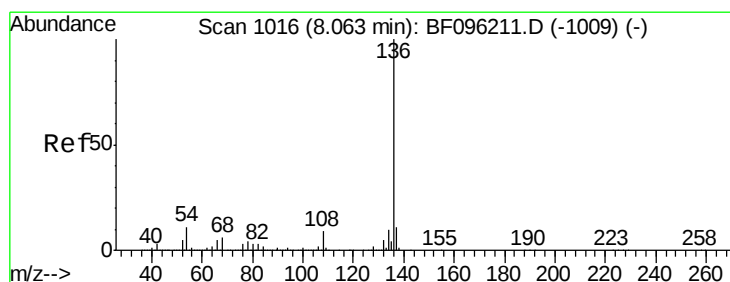
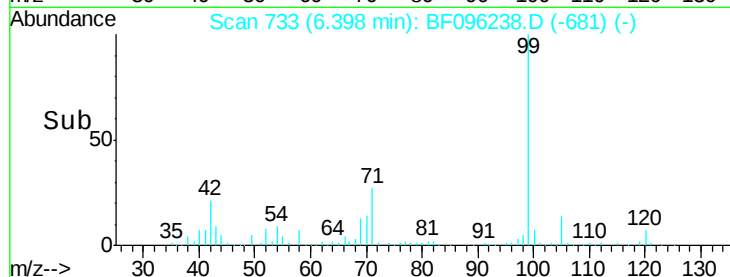
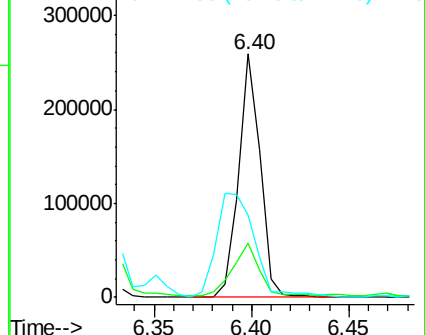
71 33.8 24.5 36.7



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: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF096238.D

Acq: 28 Jun 2017 1:25

Tgt Ion: 136 Resp: 597283

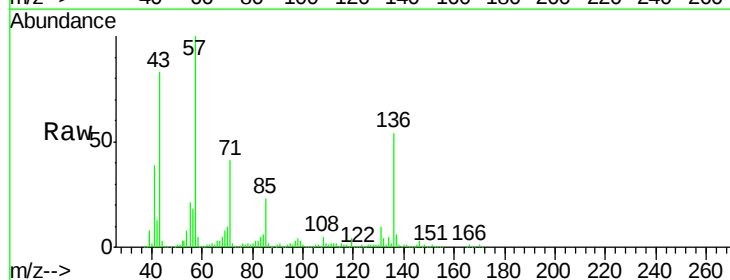
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 14.8 4.9 7.3#

68 8.7 4.1 6.1#

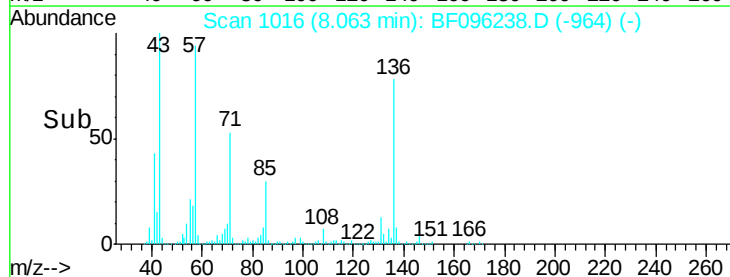
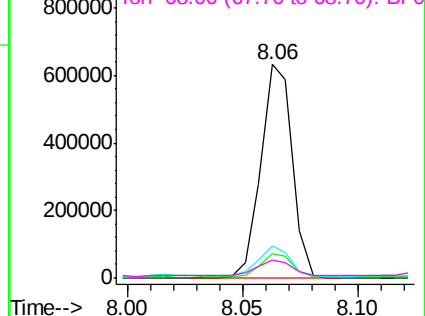


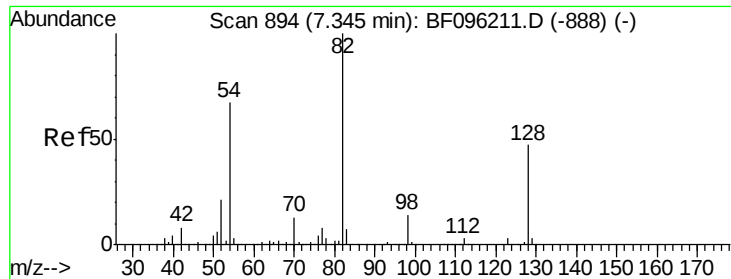
Abundance Ion 136.00 (135.70 to 136.70): E

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

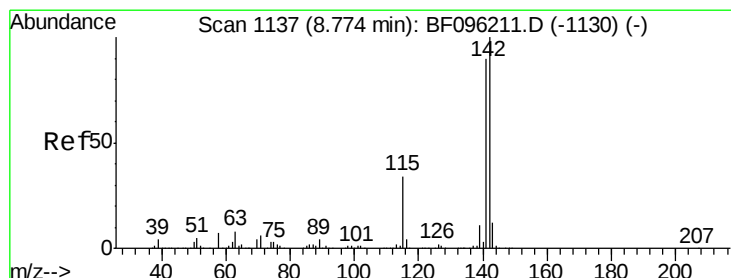
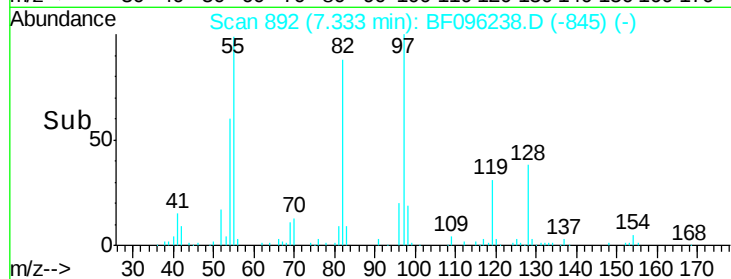
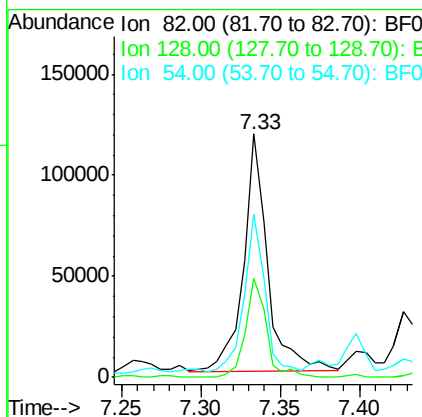
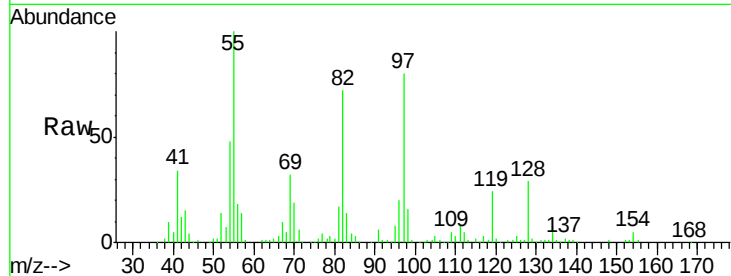




#23
Nitrobenzene-d5
Concen: 14.323 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF096238.D
Acq: 28 Jun 2017 1:25

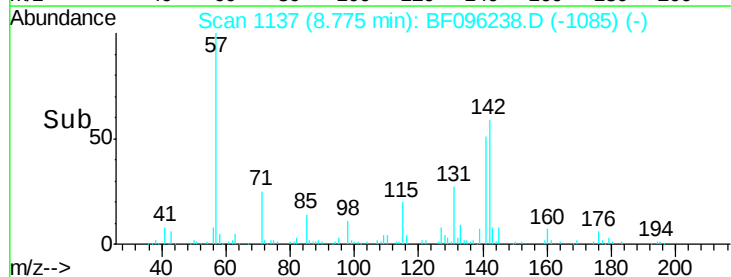
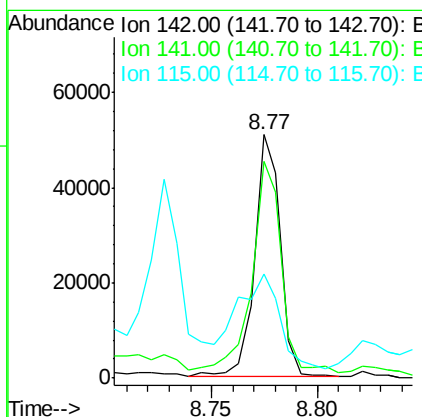
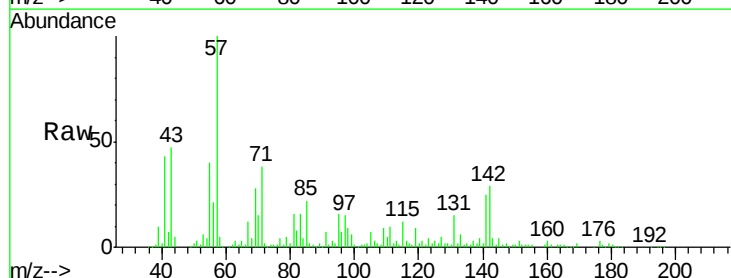
Instrument :
BNA_F
ClientSampleId :
HR-05-062217-A

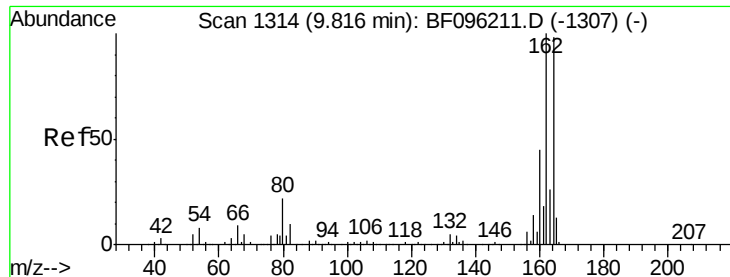
Tgt Ion: 82 Resp: 123577
Ion Ratio Lower Upper
82 100
128 40.5 34.0 51.0
54 67.1 42.2 63.2#



#37
2-Methylnaphthalene
Concen: 2.287 ng
RT: 8.77 min Scan# 1137
Delta R.T. 0.01 min
Lab File: BF096238.D
Acq: 28 Jun 2017 1:25

Tgt Ion: 142 Resp: 42769
Ion Ratio Lower Upper
142 100
141 89.0 71.3 106.9
115 42.9 27.1 40.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF096238.D

Acq: 28 Jun 2017 1:25

Instrument :

BNA_F

ClientSampleId :

HR-05-062217-A

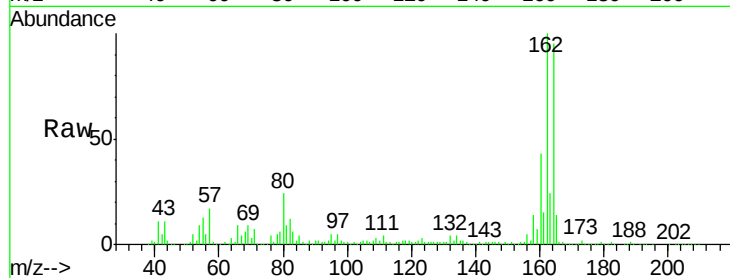
Tgt Ion:164 Resp: 270548

Ion Ratio Lower Upper

164 100

162 105.8 82.6 123.8

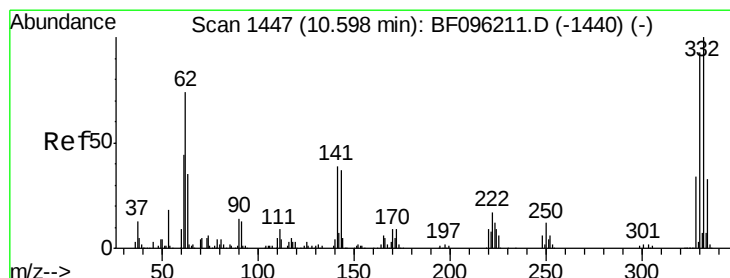
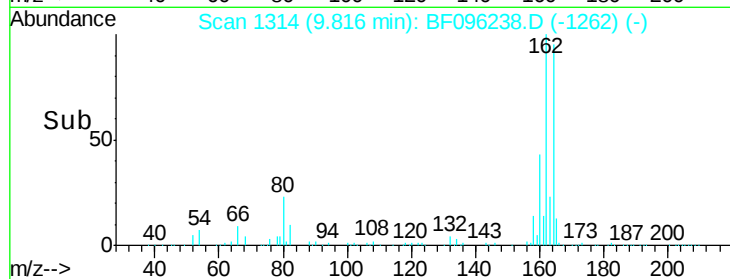
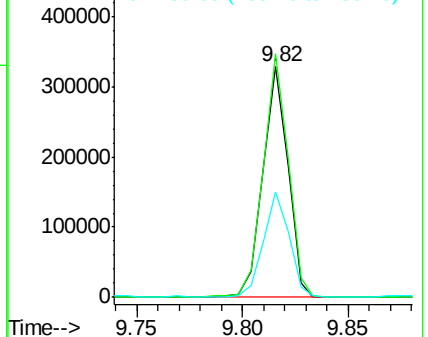
160 45.9 36.2 54.2



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: 11.044 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BF096238.D

Acq: 28 Jun 2017 1:25

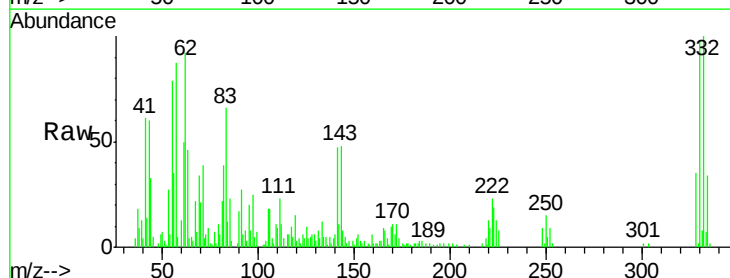
Tgt Ion:330 Resp: 23514

Ion Ratio Lower Upper

330 100

332 104.6 76.6 115.0

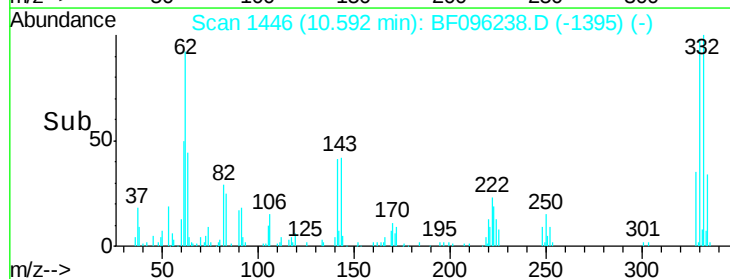
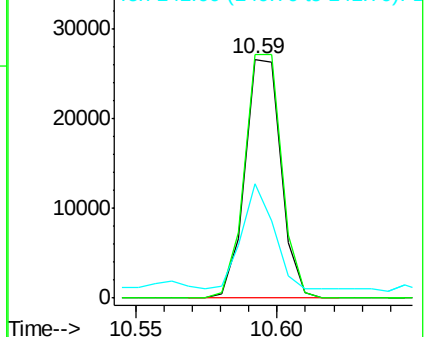
141 39.2 31.4 47.2

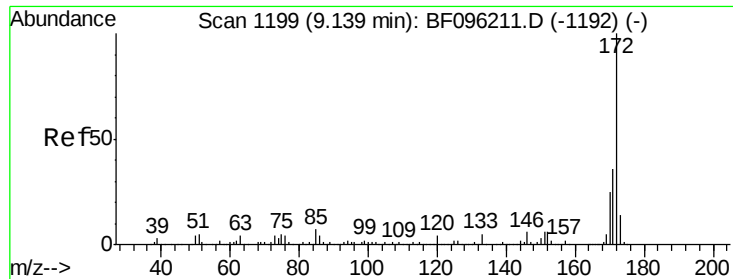


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

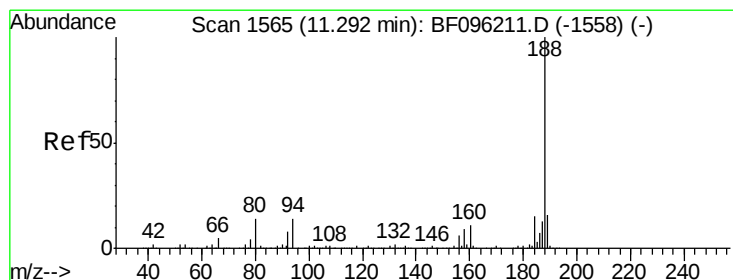
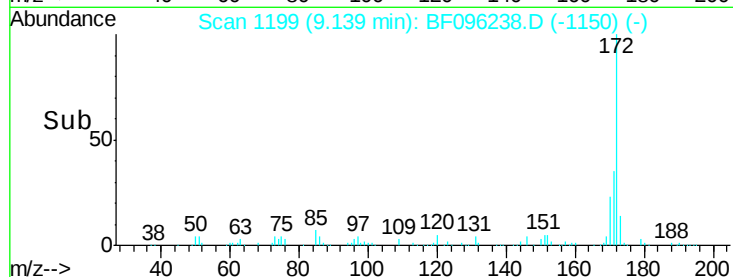
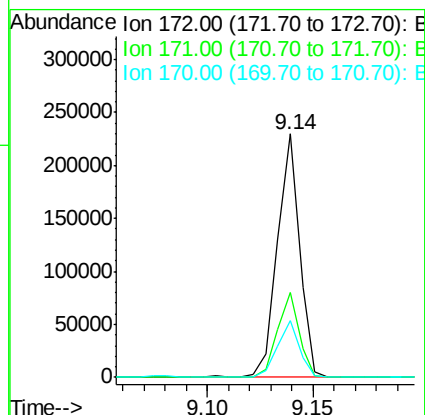
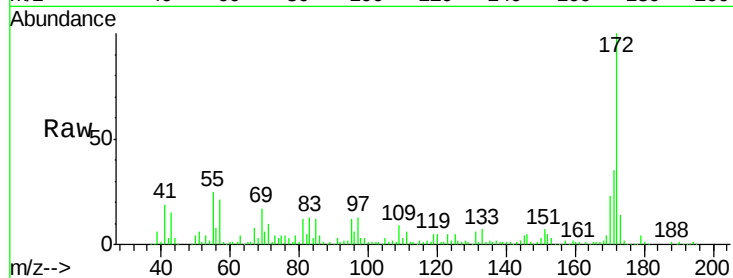




#44
2-Fluorobiphenyl
Concen: 11.420 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF096238.D
Acq: 28 Jun 2017 1:25

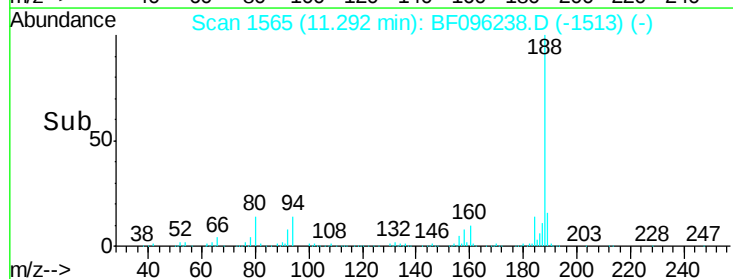
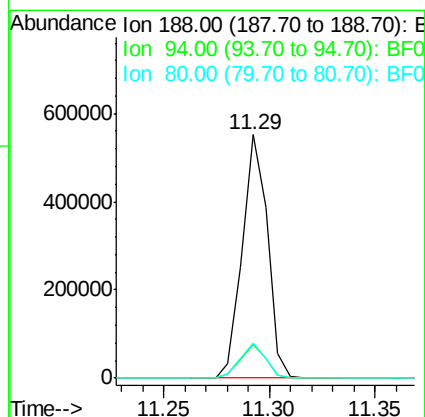
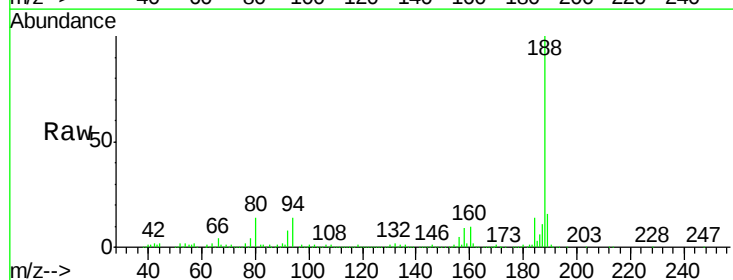
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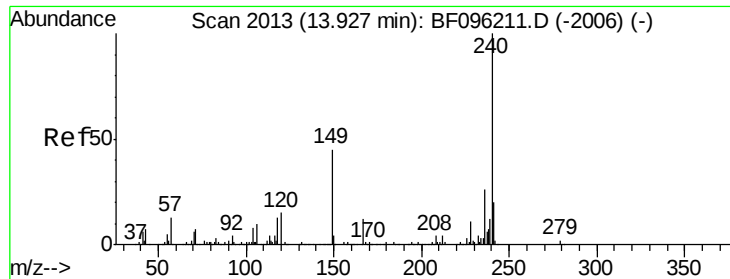
Tgt Ion:172 Resp: 168707
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.4 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096238.D
Acq: 28 Jun 2017 1:25

Tgt Ion:188 Resp: 453901
Ion Ratio Lower Upper
188 100
94 13.8 9.4 14.2
80 14.3 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF096238.D

Acq: 28 Jun 2017 1:25

Instrument :

BNA_F

ClientSampleId :

HR-05-062217-A

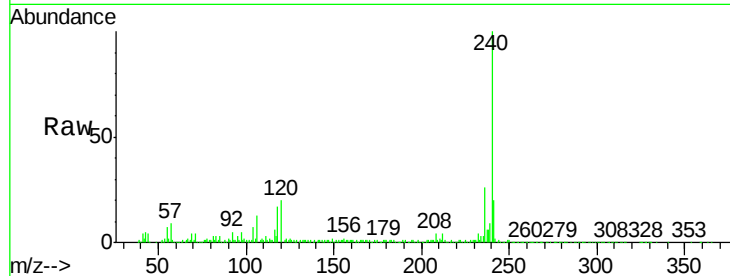
Tgt Ion:240 Resp: 356579

Ion Ratio Lower Upper

240 100

120 20.4 5.8 8.8#

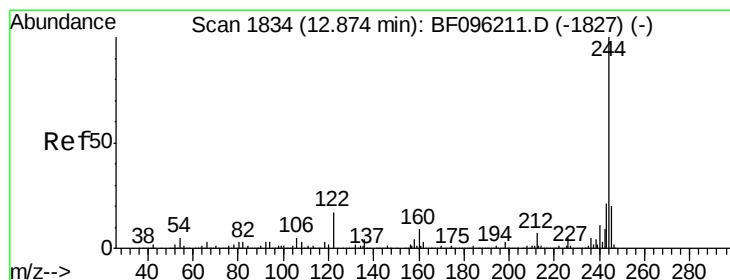
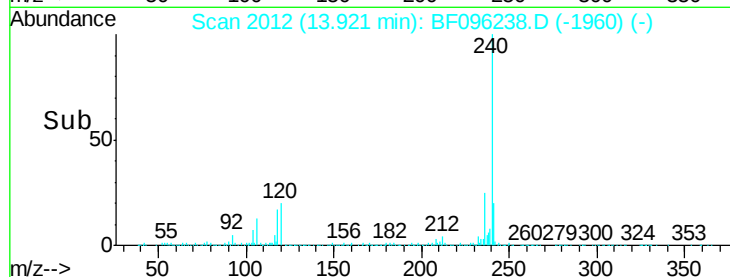
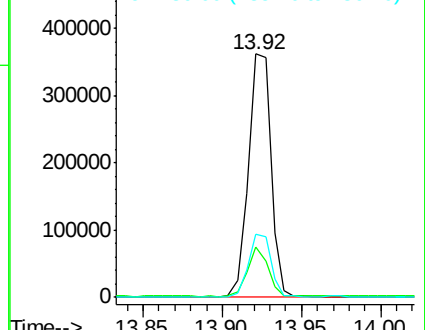
236 25.7 20.5 30.7



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: 9.276 ng

RT: 12.87 min Scan# 1834

Delta R.T. 0.01 min

Lab File: BF096238.D

Acq: 28 Jun 2017 1:25

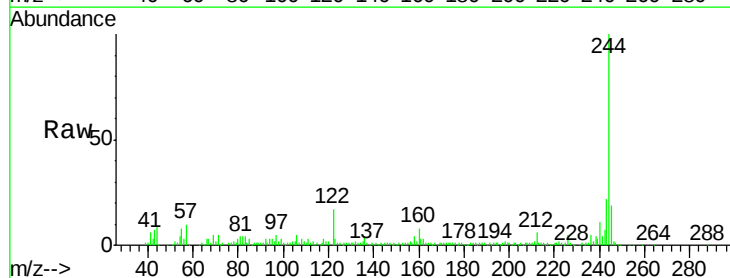
Tgt Ion:244 Resp: 132557

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

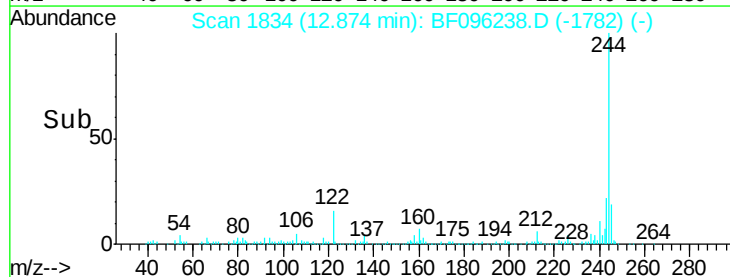
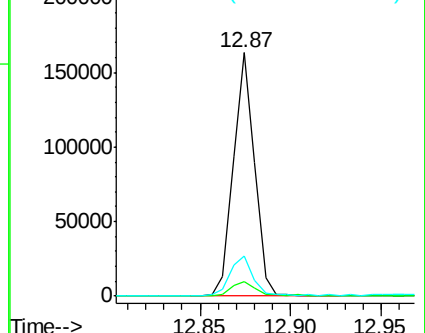
122 16.6 10.3 15.5#

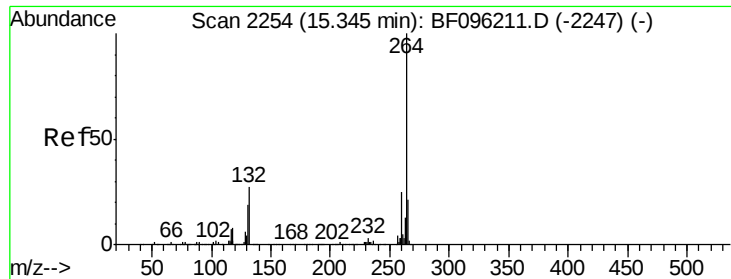


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

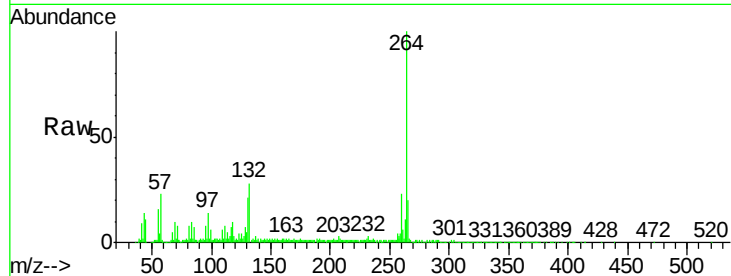




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096238.D
Acq: 28 Jun 2017 1:25

Instrument :
BNA_F
ClientSampleId :
HR-05-062217-A

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	20.1	17.2	25.8



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

