

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096204.D
 Acq On : 25 Jun 2017 1:04
 Operator : SJ/MA
 Sample : I3843-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q10-ESW

Quant Time: Jun 29 14:13:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

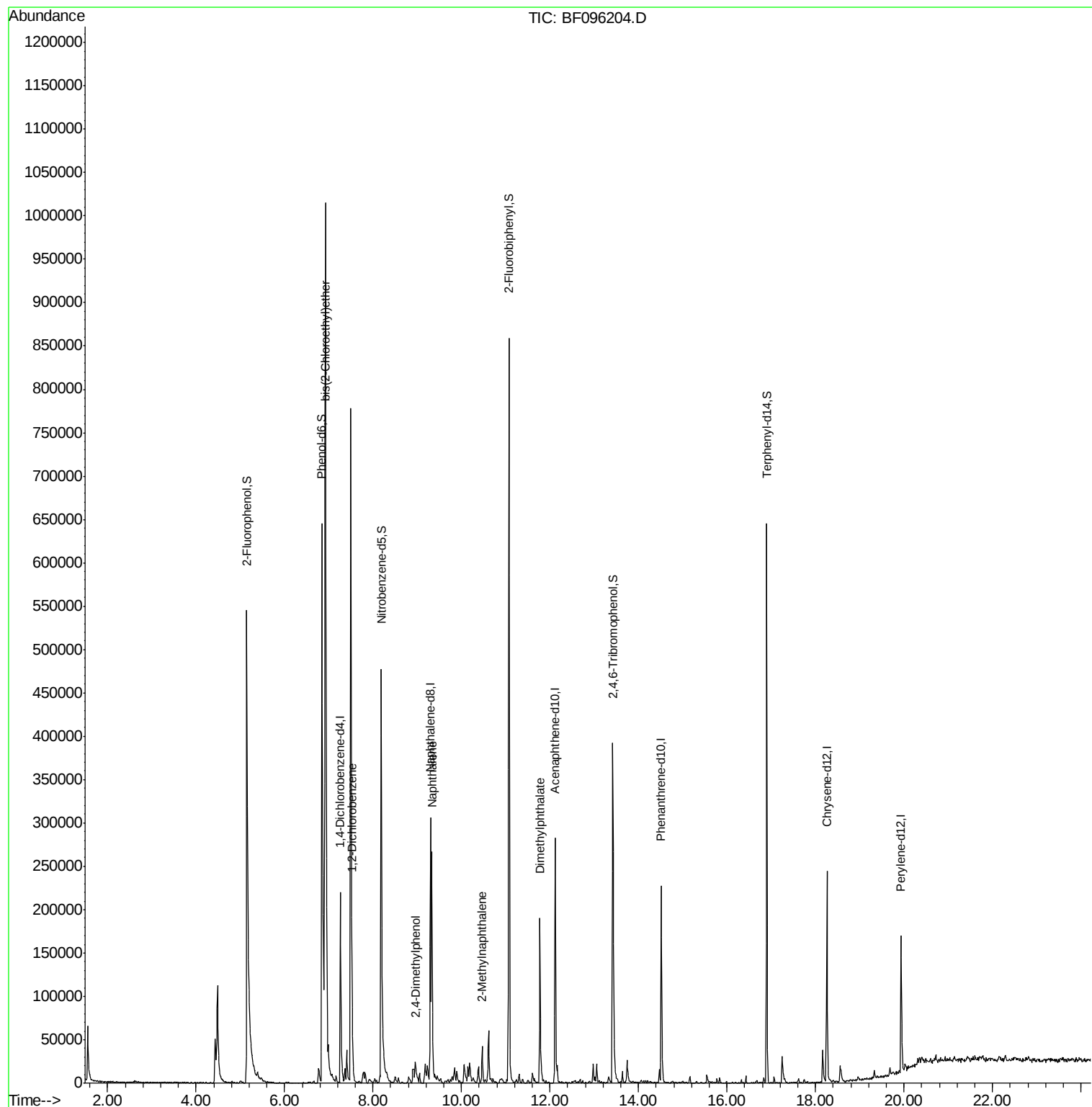
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	55235	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	209965	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	82353	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	135737	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	116975	20.00	ng	-0.02
86) Perylene-d12	19.93	264	82702	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	466509	134.58	ng	-0.04
7) Phenol-d6	6.85	99	554359	133.59	ng	-0.03
23) Nitrobenzene-d5	8.19	82	290915	86.05	ng	-0.04
41) 2,4,6-Tribromophenol	13.42	330	83727	114.91	ng	-0.03
44) 2-Fluorobiphenyl	11.07	172	383083	64.73	ng	-0.04
78) Terphenyl-d14	16.90	244	239528	50.82	ng	-0.03
Target Compounds						Qvalue
11) bis(2-Chloroethyl)ether	6.91	93	45519	13.35	ng	96
14) 1,2-Dichlorobenzene	7.52	146	40335	10.34	ng	94
27) 2,4-Dimethylphenol	8.96	122	13724	4.68	ng	94
31) Naphthalene	9.33	128	199218	18.91	ng	99
37) 2-Methylnaphthalene	10.46	142	19015	2.67	ng	98
49) Dimethylphthalate	11.77	163	127917	20.46	ng	98

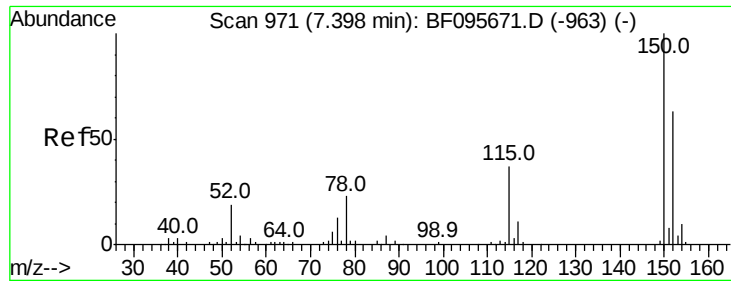
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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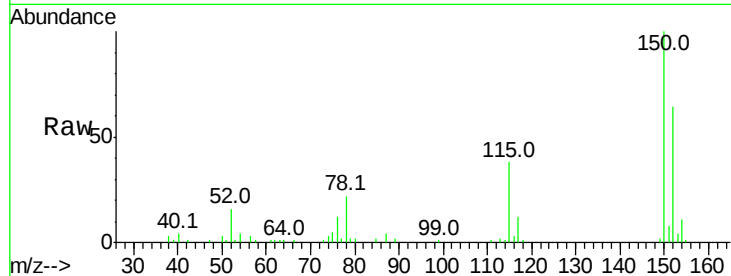


#1

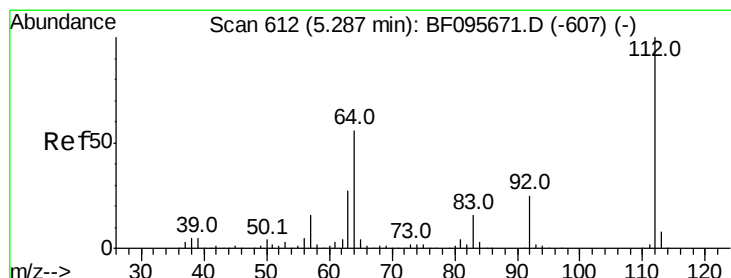
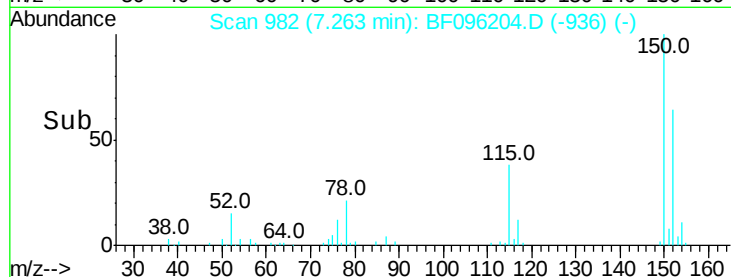
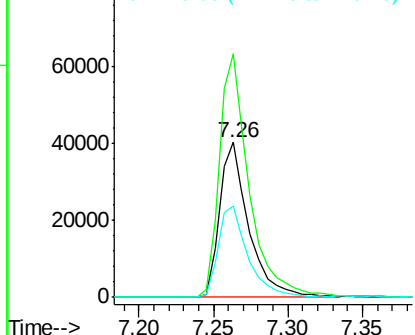
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096204.D
Acq: 25 Jun 2017 1:04

Instrument :
BNA_F
ClientSampleId :
E2-Q10-ESW

Tot Ion:152 Resp: 55235
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 59.2 52.2 78.2



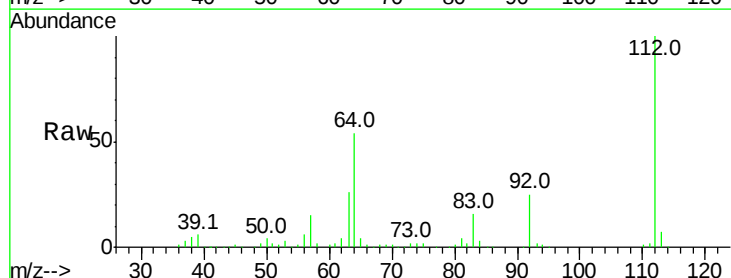
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



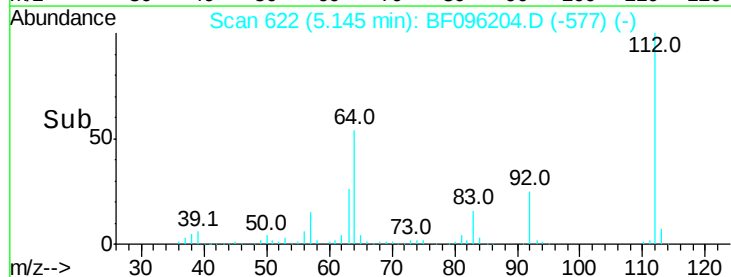
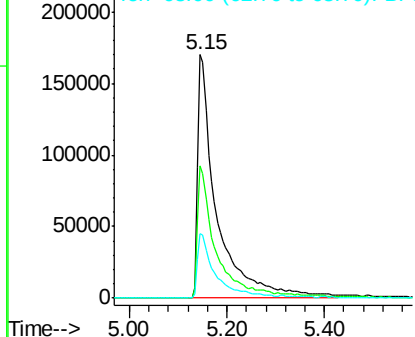
#5

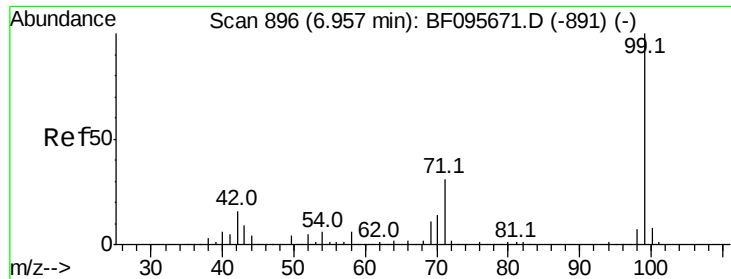
2-Fluorophenol
Concen: 134.58 ng
RT: 5.15 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF096204.D
Acq: 25 Jun 2017 1:04

Tgt Ion:112 Resp: 466509
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 26.5 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: 133.59 ng

RT: 6.85 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF096204.D

Acq: 25 Jun 2017 1:04

Instrument :

BNA_F

ClientSampleId :

E2-Q10-ESW

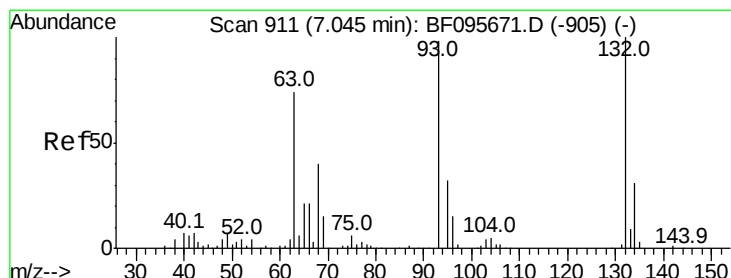
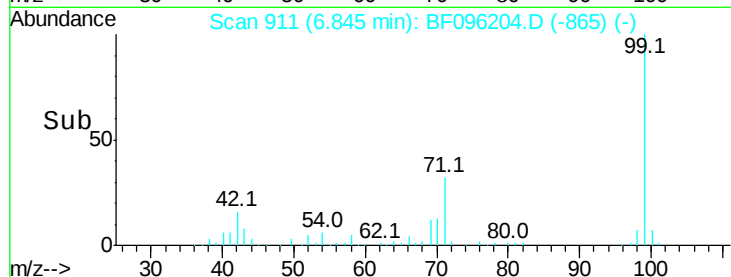
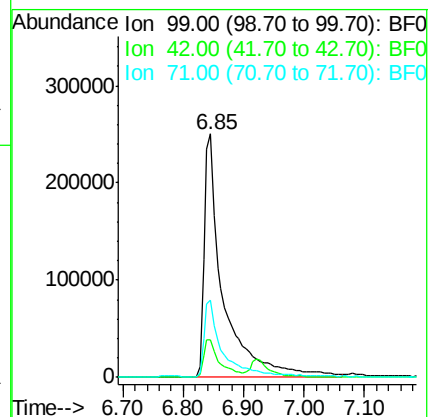
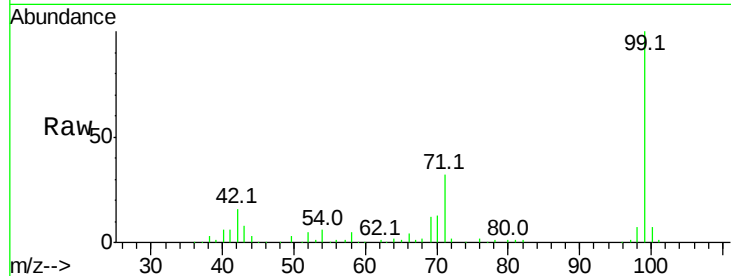
Tot Ion: 99 Resp: 554359

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

71 31.6 24.5 36.7



#11

bis(2-Chloroethyl)ether

Concen: 13.35 ng

RT: 6.91 min Scan# 922

Delta R.T. -0.03 min

Lab File: BF096204.D

Acq: 25 Jun 2017 1:04

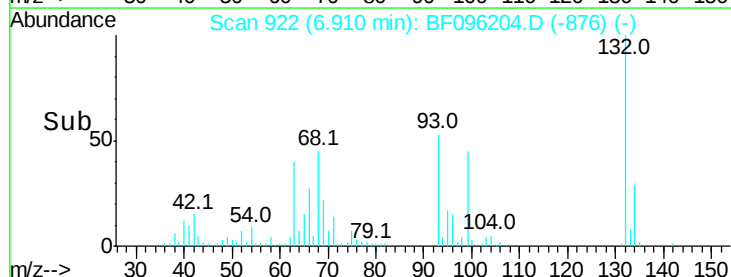
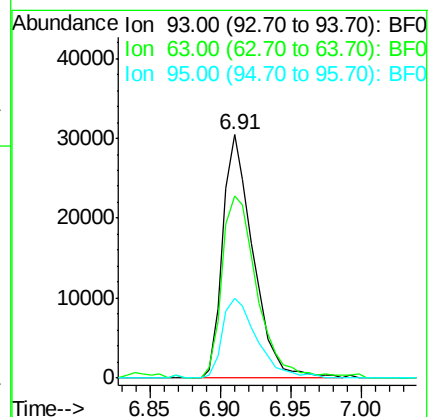
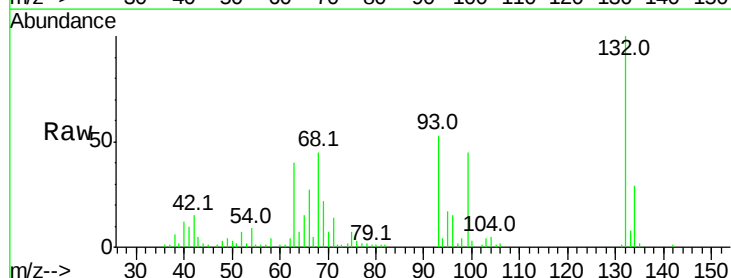
Tgt Ion: 93 Resp: 45519

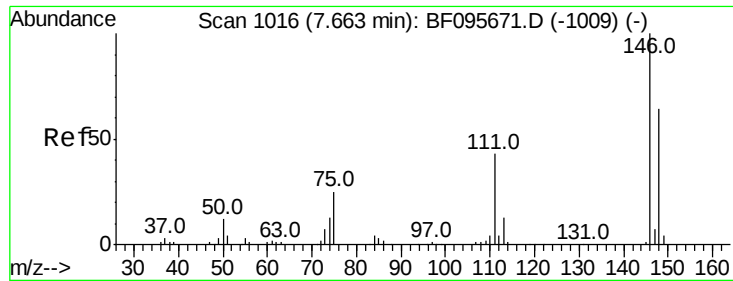
Ion Ratio Lower Upper

93 100

63 74.9 59.2 99.2

95 33.0 12.8 52.8





#14

1,2-Dichlorobenzene

Concen: 10.34 ng

RT: 7.52 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF096204.D

Acq: 25 Jun 2017 1:04

Instrument :

BNA_F

ClientSampleId :

E2-Q10-ESW

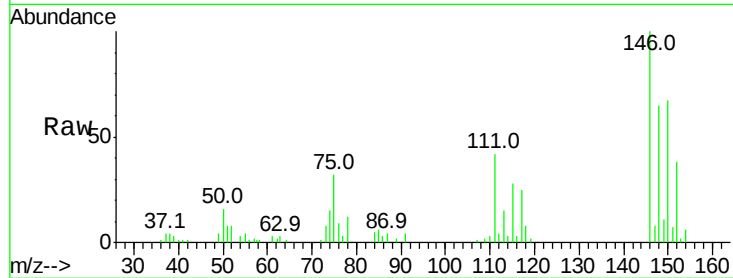
Tot Ion:146 Resp: 40335

Ion Ratio Lower Upper

146 100

148 65.3 50.4 75.6

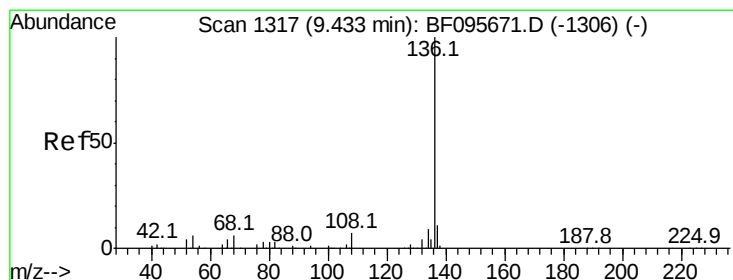
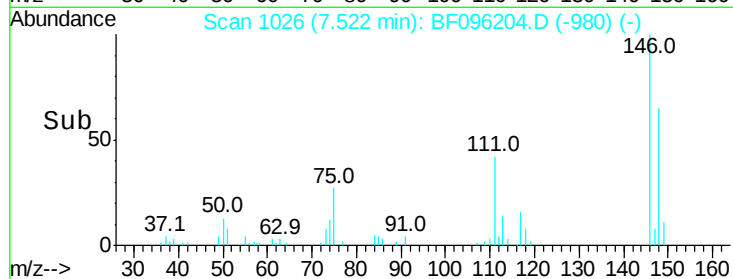
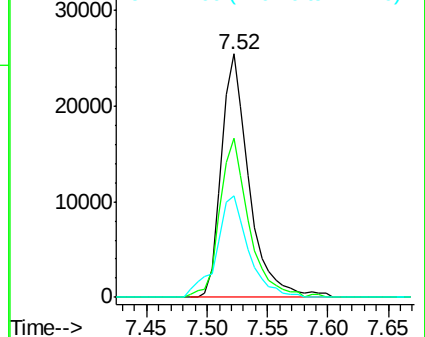
111 41.8 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF096204.D

Acq: 25 Jun 2017 1:04

Tgt Ion:136 Resp: 209965

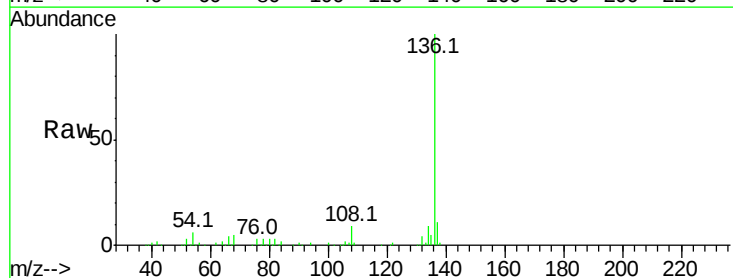
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.5 4.9 7.3

68 5.1 4.1 6.1

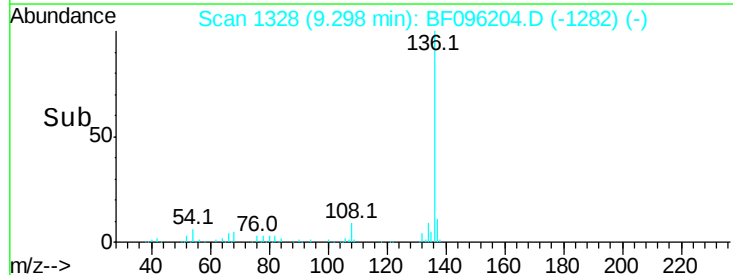
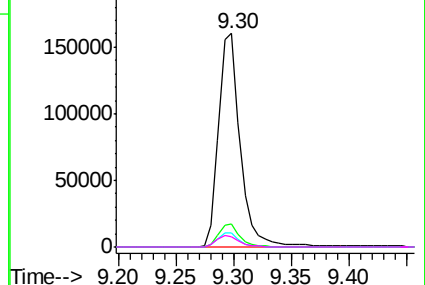


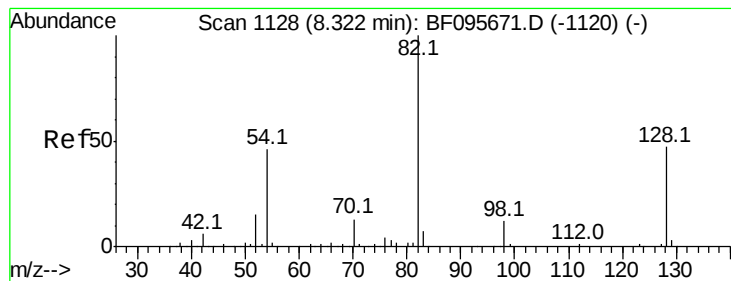
Abundance Ion 136.00 (135.70 to 136.70): E

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: 86.05 ng

RT: 8.19 min Scan# 1139

Delta R.T. -0.04 min

Lab File: BF096204.D

Acq: 25 Jun 2017 1:04

Instrument :

BNA_F

ClientSampleId :

E2-Q10-ESW

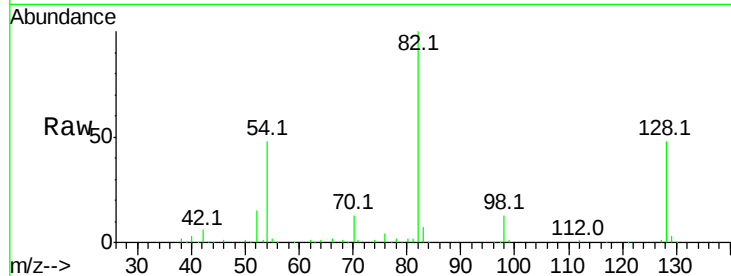
Tot Ion: 82 Resp: 290915

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

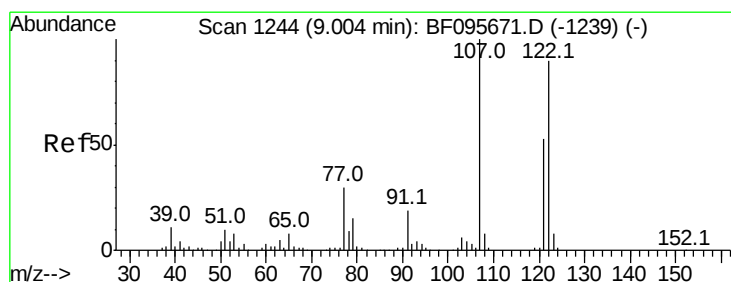
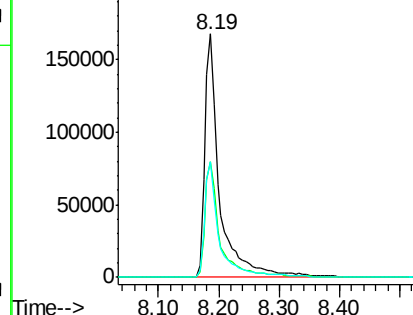
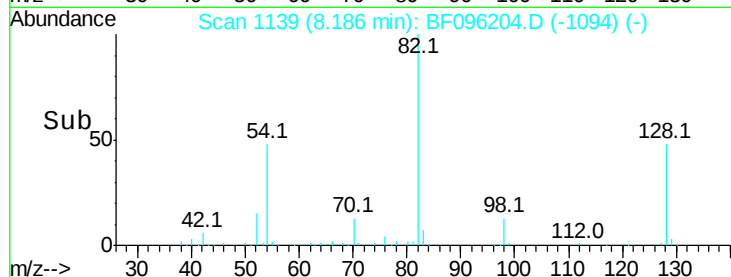
54 47.7 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



#27

2,4-Dimethylphenol

Concen: 4.68 ng

RT: 8.96 min Scan# 1270

Delta R.T. 0.04 min

Lab File: BF096204.D

Acq: 25 Jun 2017 1:04

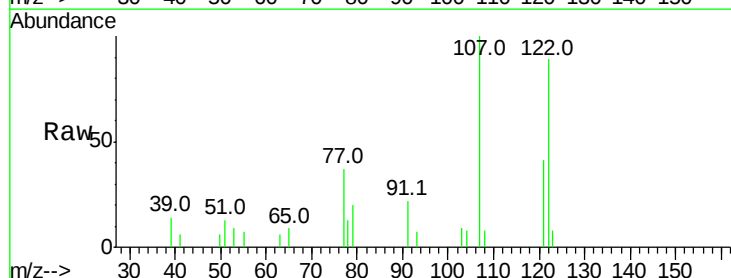
Tgt Ion:122 Resp: 13724

Ion Ratio Lower Upper

122 100

107 112.5 89.2 133.8

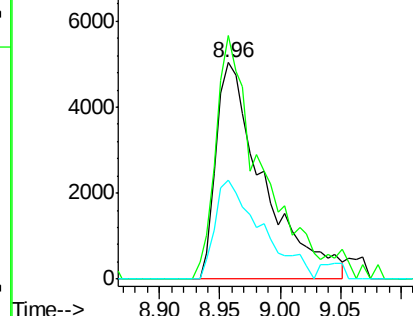
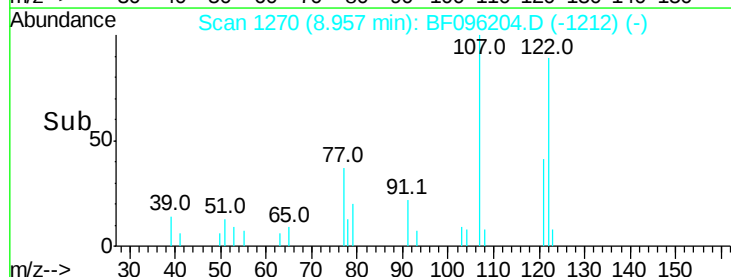
121 45.6 45.2 67.8

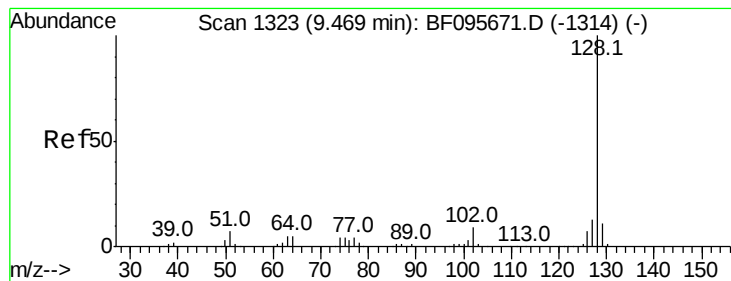


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E





#31

Naphthalene

Concen: 18.91 ng

RT: 9.33 min Scan# 1333

Delta R.T. -0.04 min

Lab File: BF096204.D

Acq: 25 Jun 2017 1:04

Instrument :

BNA_F

ClientSampleId :

E2-Q10-ESW

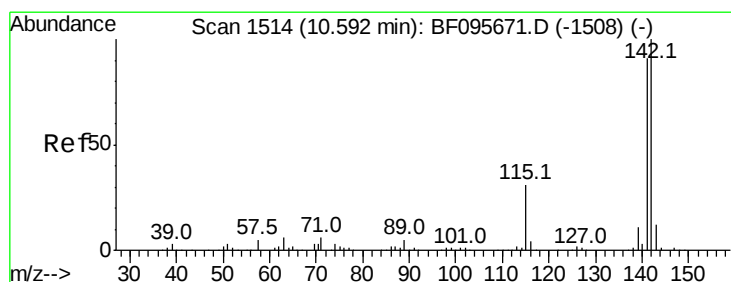
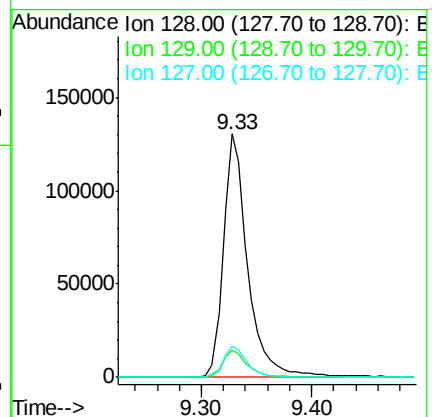
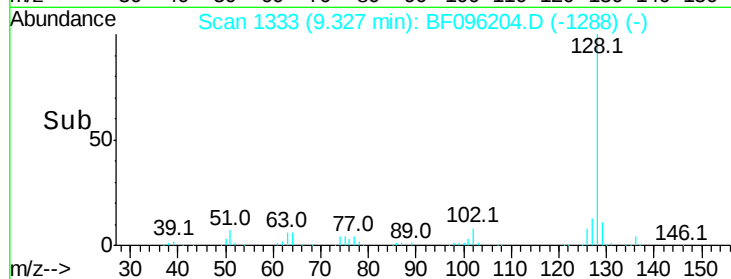
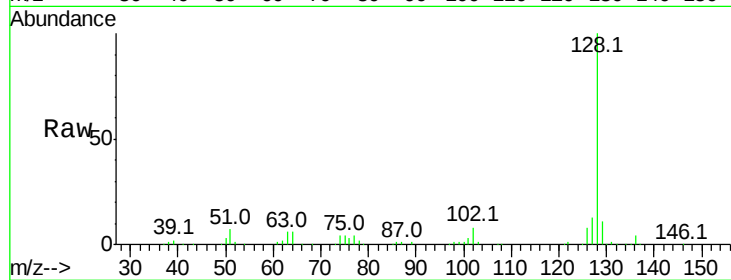
Tot Ion:128 Resp: 199218

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 12.7 10.8 16.2



#37

2-Methylnaphthalene

Concen: 2.67 ng

RT: 10.46 min Scan# 1526

Delta R.T. -0.02 min

Lab File: BF096204.D

Acq: 25 Jun 2017 1:04

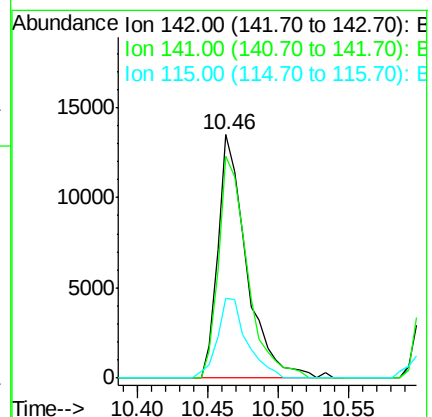
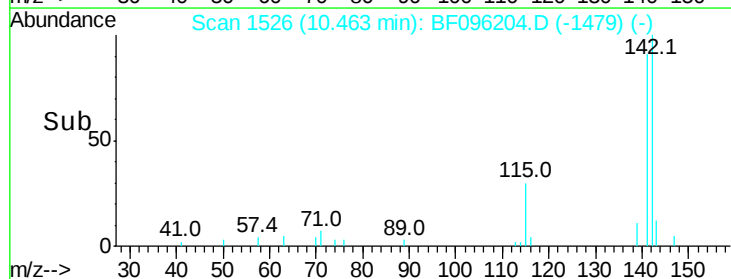
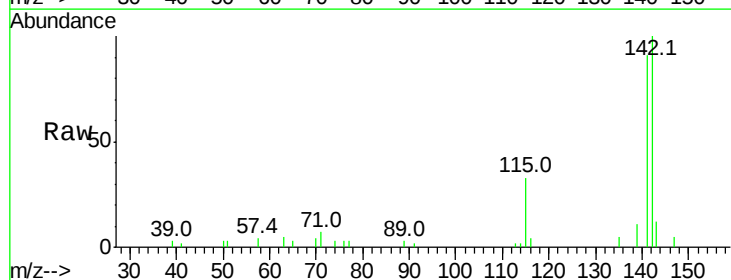
Tgt Ion:142 Resp: 19015

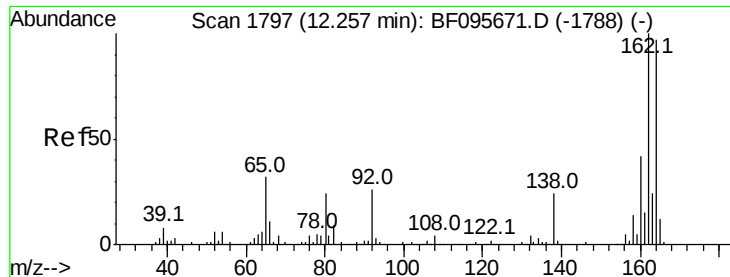
Ion Ratio Lower Upper

142 100

141 91.3 71.3 106.9

115 32.6 27.1 40.7

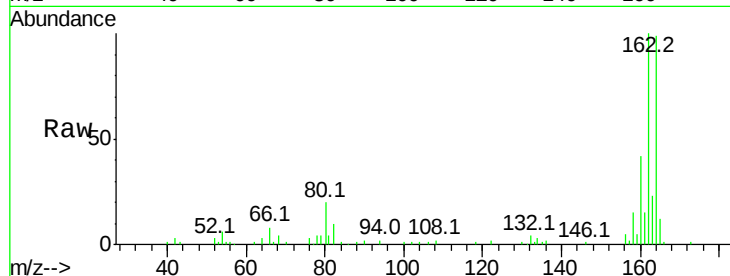




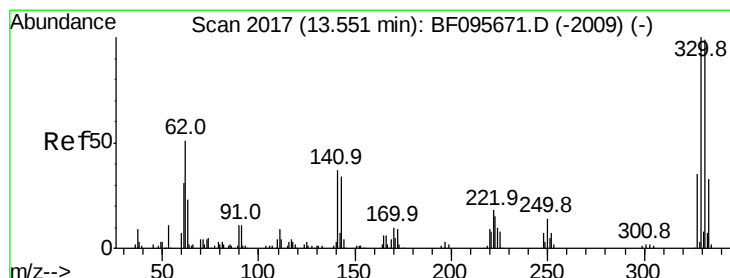
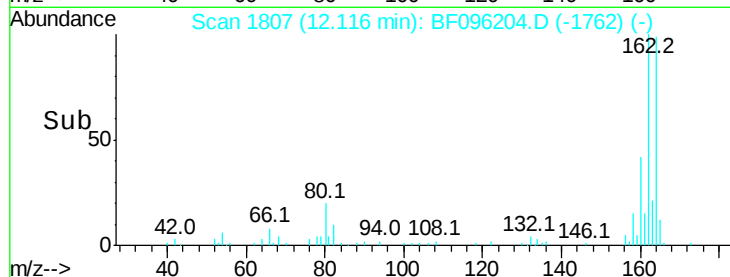
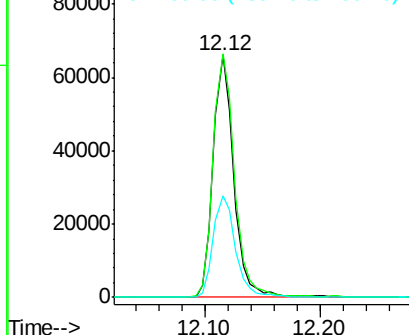
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.12 min Scan# 1807
Delta R.T. -0.04 min
Lab File: BF096204.D
Acq: 25 Jun 2017 1:04

Instrument :
BNA_F
ClientSampleId :
E2-Q10-ESW

Tot Ion:164 Resp: 82353
Ion Ratio Lower Upper
164 100
162 100.6 82.6 123.8
160 41.8 36.2 54.2

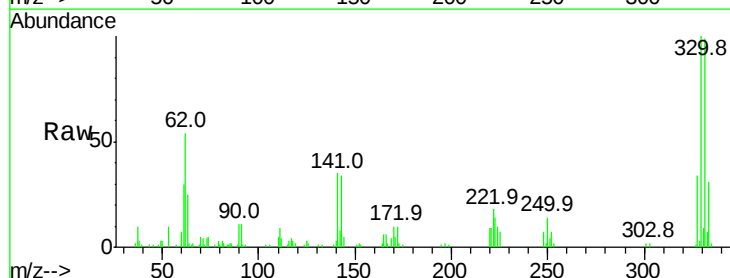


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

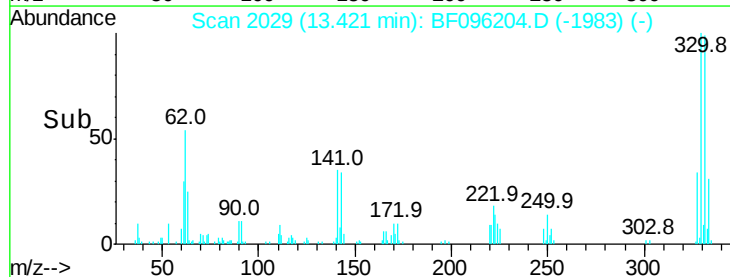
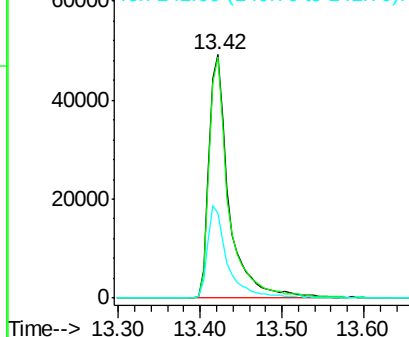


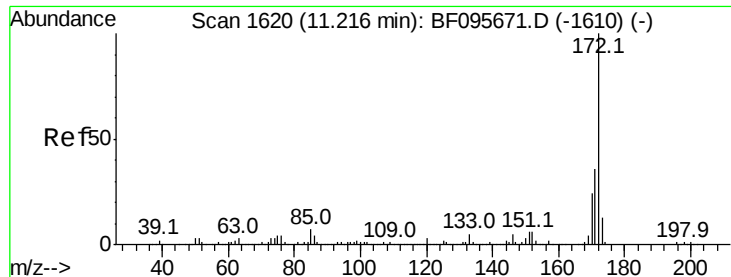
#41
2,4,6-Tribromophenol
Concen: 114.91 ng
RT: 13.42 min Scan# 2029
Delta R.T. -0.03 min
Lab File: BF096204.D
Acq: 25 Jun 2017 1:04

Tgt Ion:330 Resp: 83727
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 37.8 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

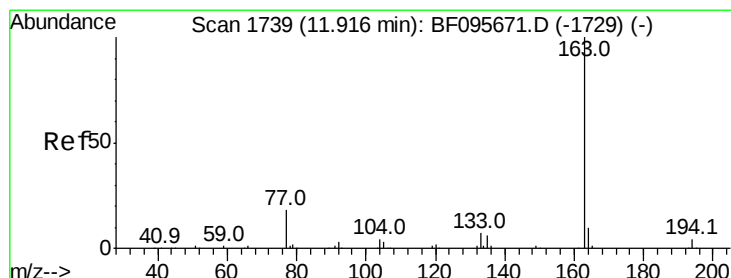
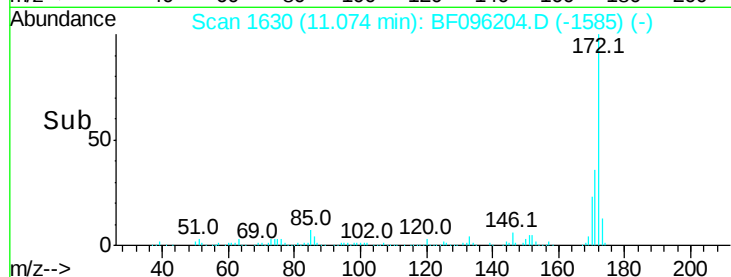
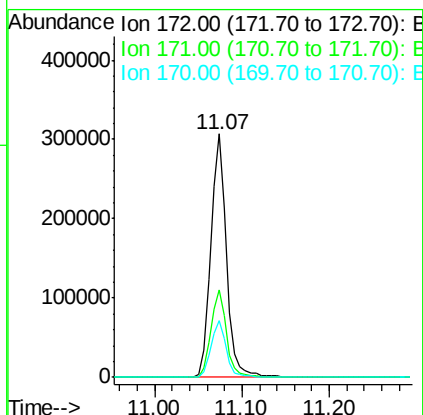
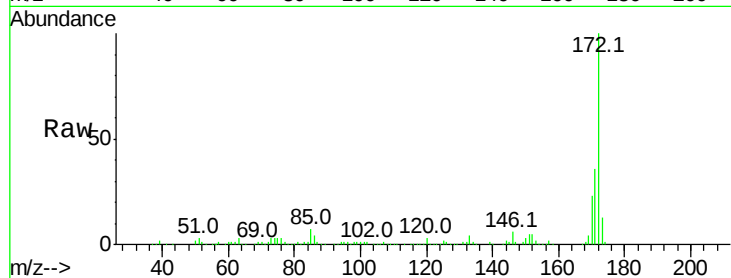




#44
2-Fluorobiphenyl
Concen: 64.73 ng
RT: 11.07 min Scan# 1630
Delta R.T. -0.04 min
Lab File: BF096204.D
Acq: 25 Jun 2017 1:04

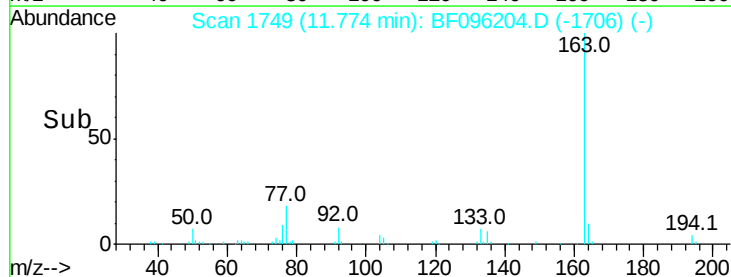
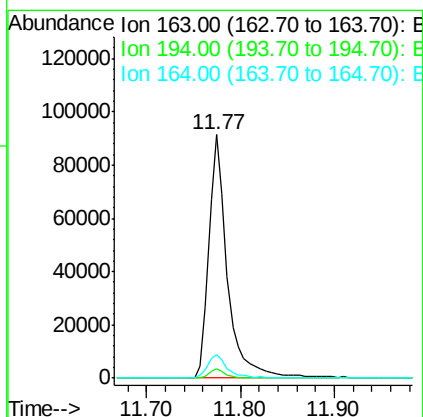
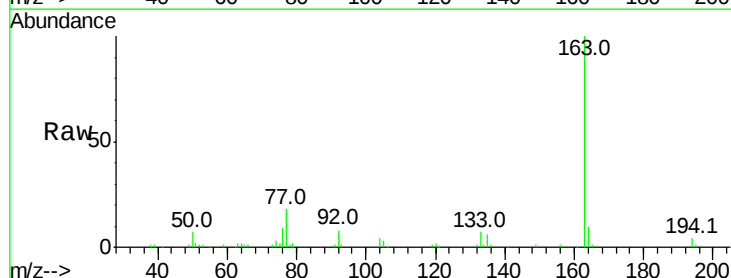
Instrument :
BNA_F
ClientSampleId :
E2-Q10-ESW

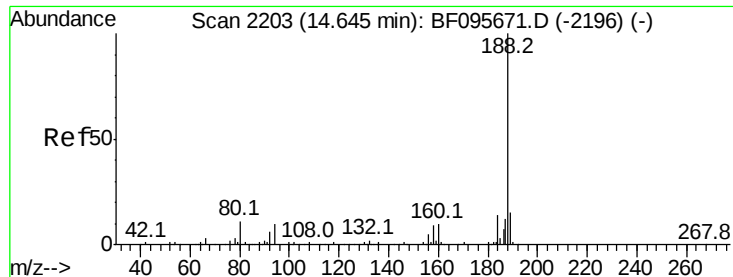
Tot Ion:172 Resp: 383083
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 20.46 ng
RT: 11.77 min Scan# 1749
Delta R.T. -0.05 min
Lab File: BF096204.D
Acq: 25 Jun 2017 1:04

Tgt Ion:163 Resp: 127917
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.9 8.4 12.6

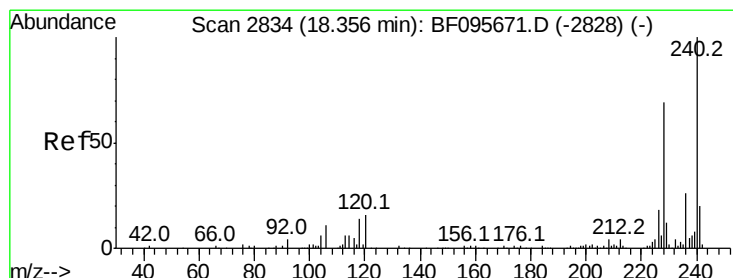
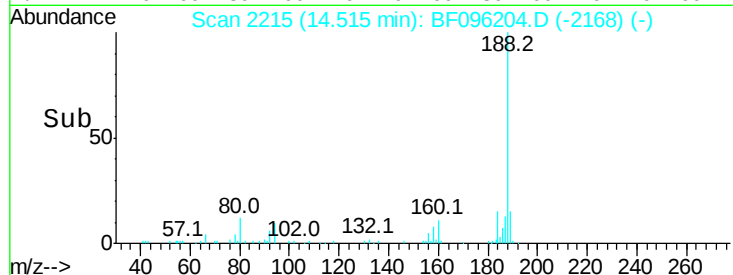
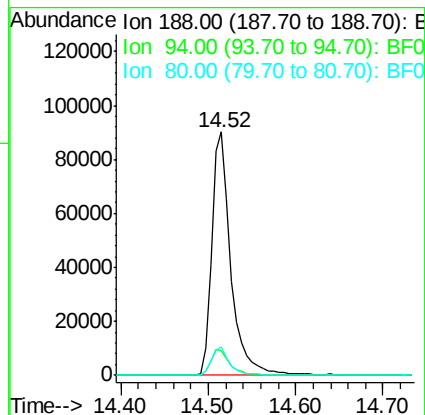
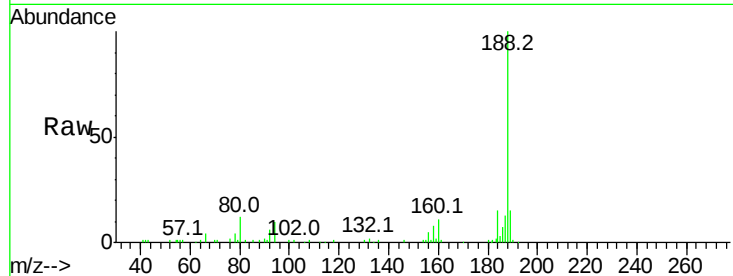




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF096204.D
Acq: 25 Jun 2017 1:04

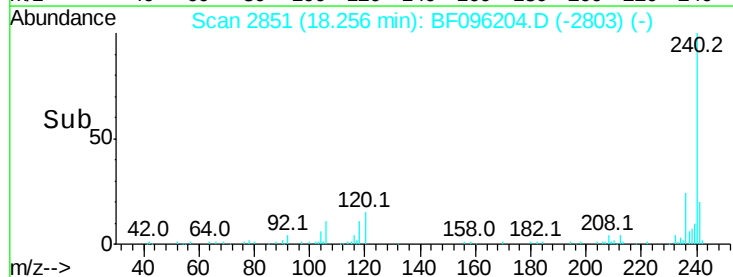
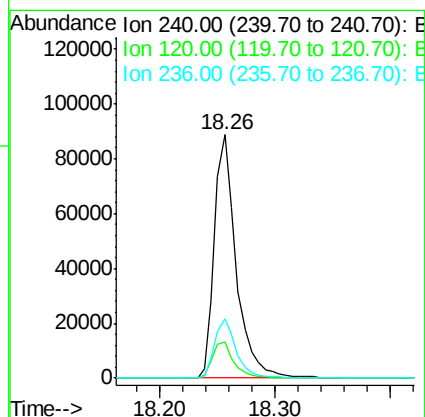
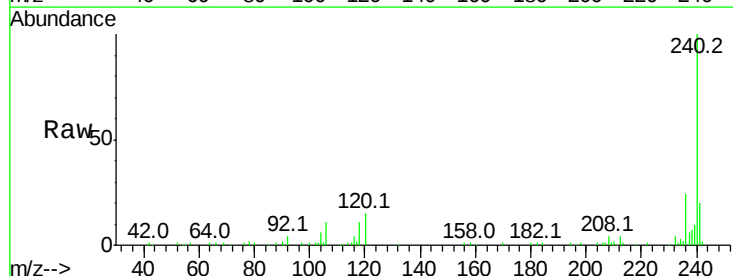
Instrument :
BNA_F
ClientSampleId :
E2-Q10-ESW

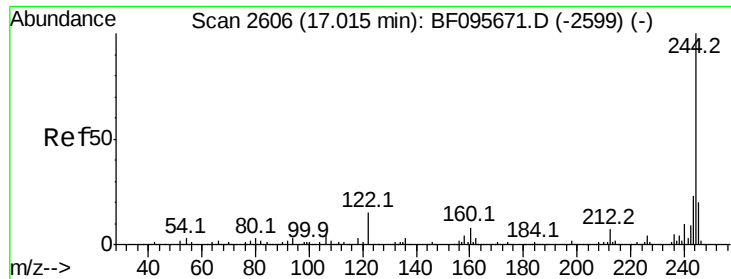
Tot Ion:188 Resp: 135737
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 12.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BF096204.D
Acq: 25 Jun 2017 1:04

Tgt Ion:240 Resp: 116975
Ion Ratio Lower Upper
240 100
120 14.9 5.8 8.8#
236 24.5 20.5 30.7

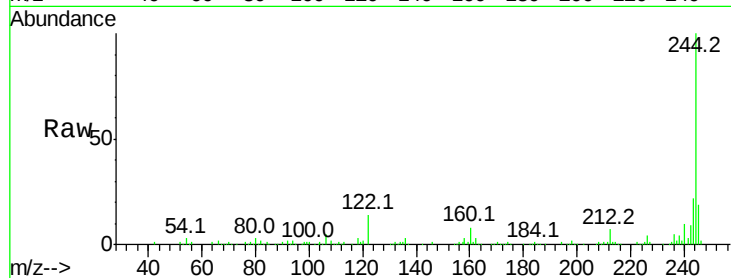




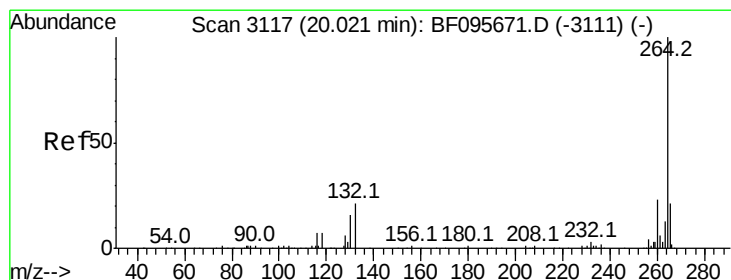
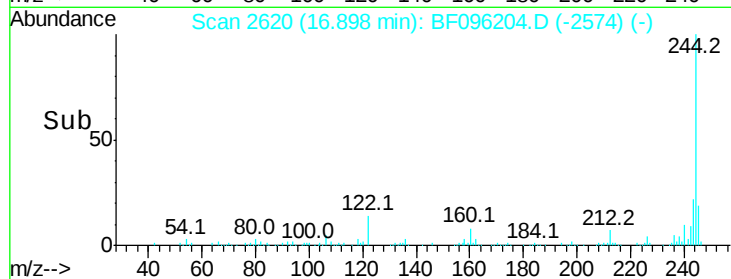
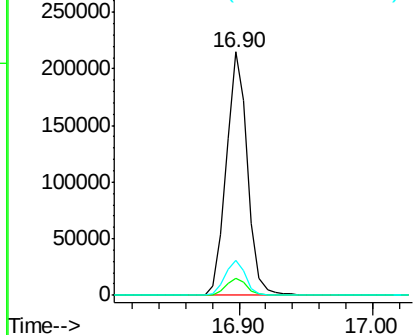
#78
 Terphenyl-d14
 Concen: 50.82 ng
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.03 min
 Lab File: BF096204.D
 Acq: 25 Jun 2017 1:04

Instrument :
 BNA_F
 ClientSampleId :
 E2-Q10-ESW

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.2	10.3	15.5

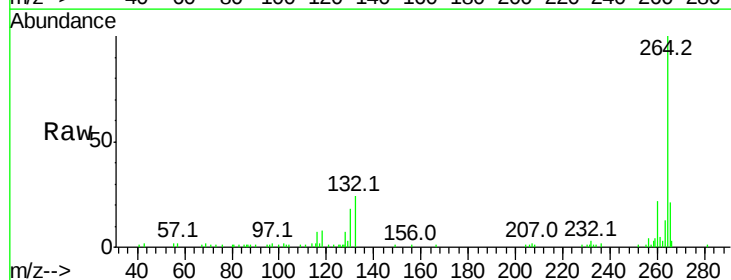


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.93 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BF096204.D
 Acq: 25 Jun 2017 1:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	21.3	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

