

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051917\
 Data File : BF095274.D
 Acq On : 19 May 2017 21:07
 Operator : SJ/MA
 Sample : I3203-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-11-BULK

Quant Time: May 20 01:57:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

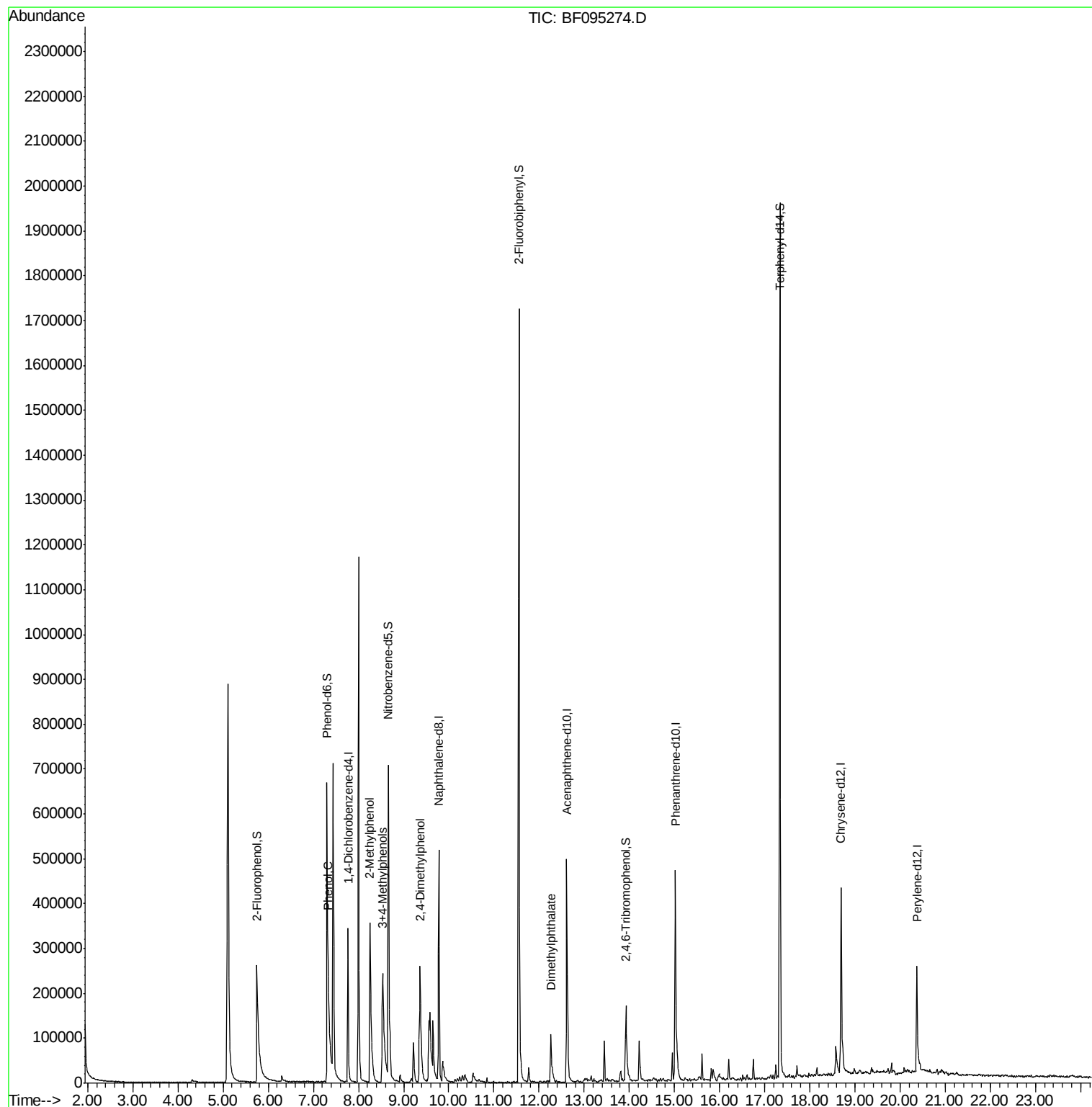
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	81412	20.00	ng	0.00
21) Naphthalene-d8	9.78	136	353358	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	171162	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	334325	20.00	ng	0.00
75) Chrysene-d12	18.69	240	265135	20.00	ng	0.00
86) Perylene-d12	20.37	264	160335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	253496	51.91	ng	0.01
7) Phenol-d6	7.30	99	548225	93.57	ng	-0.01
23) Nitrobenzene-d5	8.67	82	407171	72.66	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	45795	32.67	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	900253	75.70	ng	0.00
78) Terphenyl-d14	17.34	244	824887	68.53	ng	-0.01
Target Compounds						Qvalue
10) Phenol	7.33	94	92202	14.93	ng	93
17) 2-Methylphenol	8.26	107	157315	34.59	ng	92
20) 3+4-Methylphenols	8.54	107	215015	34.79	ng	# 61
27) 2,4-Dimethylphenol	9.37	122	136878	26.71	ng	93
49) Dimethylphthalate	12.26	163	108611	7.73	ng	96

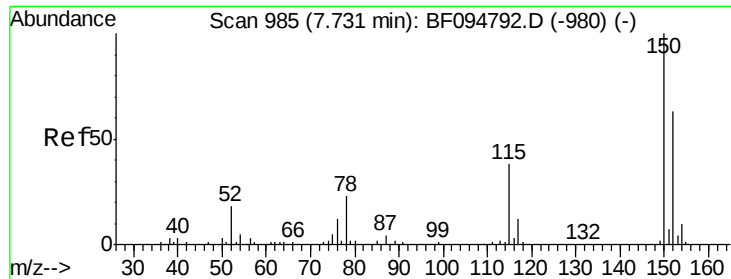
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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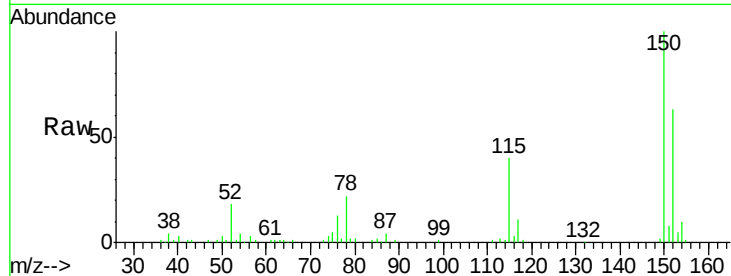


#1

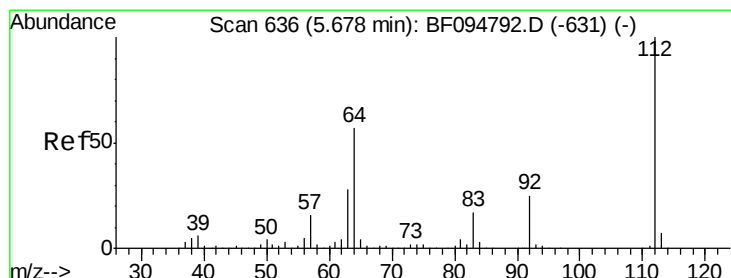
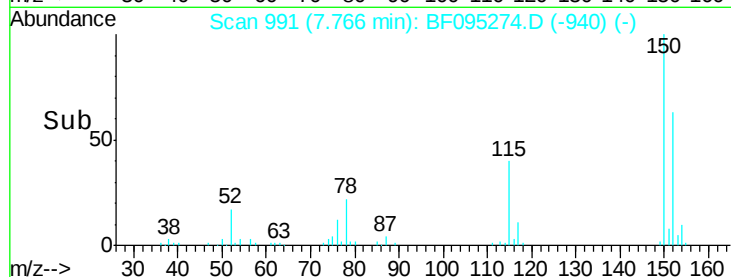
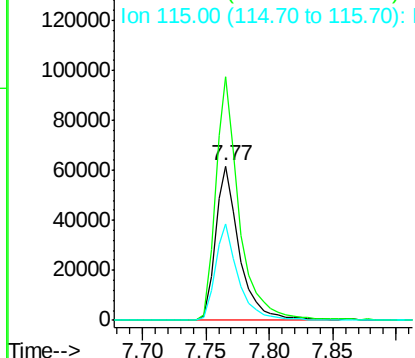
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-11-BULK

Tgt Ion:152 Resp: 81412
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 62.5 52.2 78.2



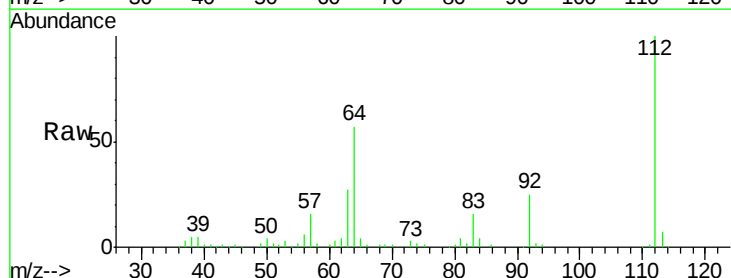
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



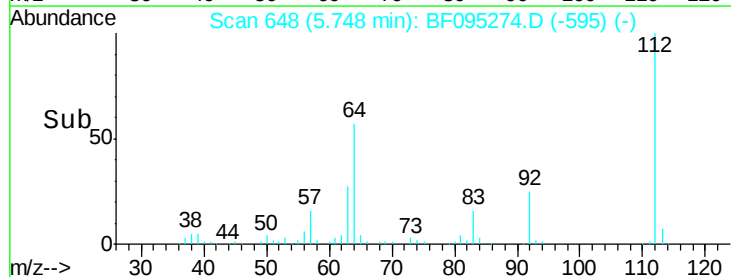
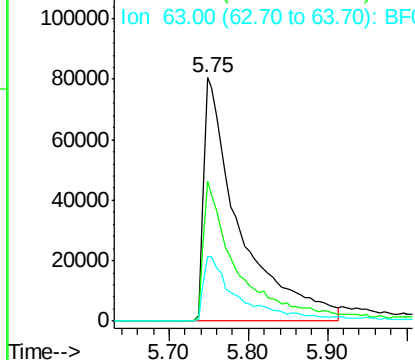
#5

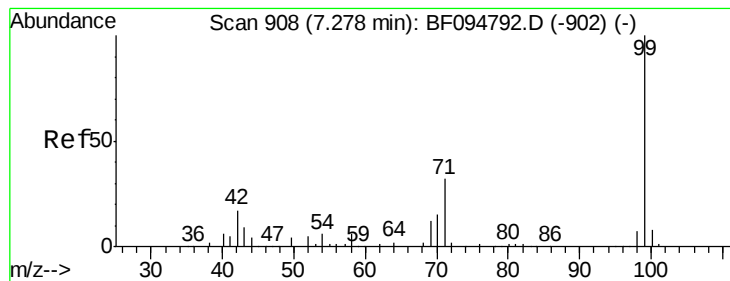
2-Fluorophenol
Concen: 51.91 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

Tgt Ion:112 Resp: 253496
Ion Ratio Lower Upper
112 100
64 57.3 46.0 69.0
63 26.6 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: 93.57 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH-11-BULK

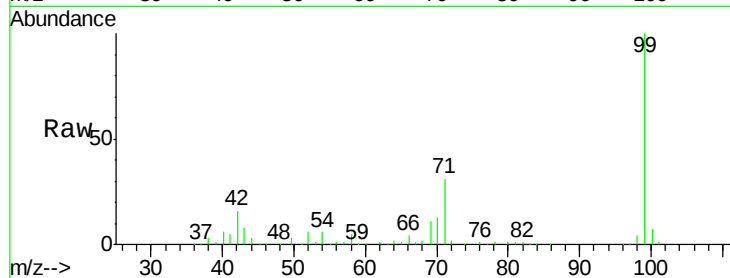
Tgt Ion: 99 Resp: 548225

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

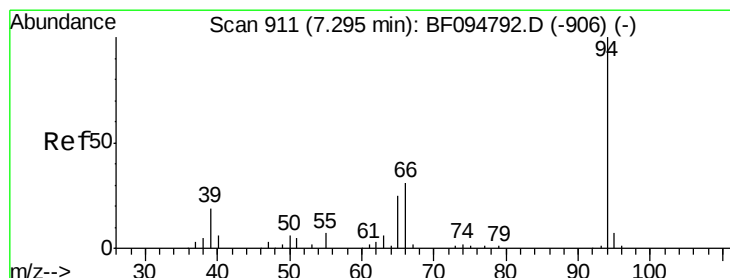
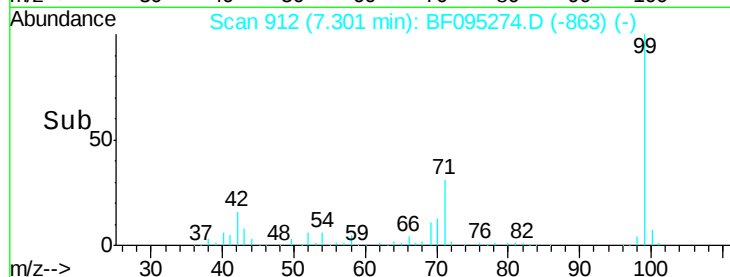
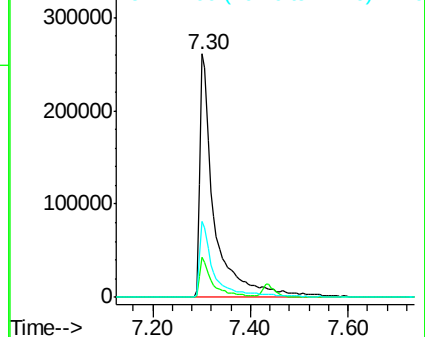
71 31.1 24.5 36.7



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



#10

Phenol

Concen: 14.93 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

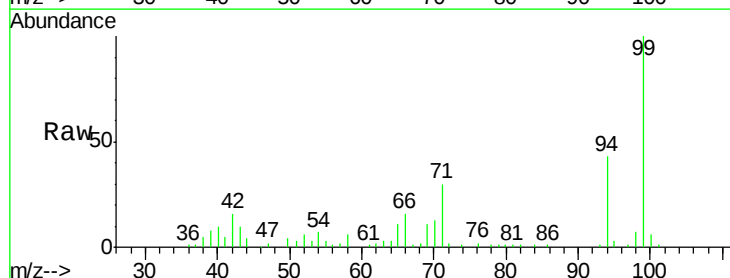
Tgt Ion: 94 Resp: 92202

Ion Ratio Lower Upper

94 100

65 26.7 9.9 49.9

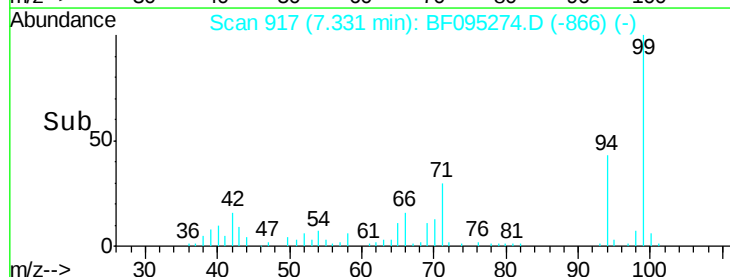
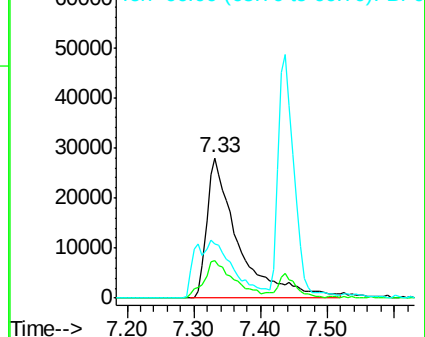
66 38.4 23.1 63.1

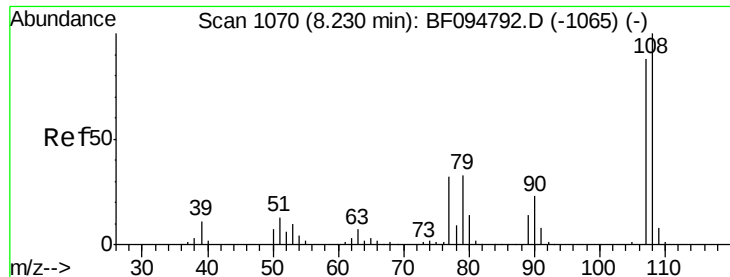


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

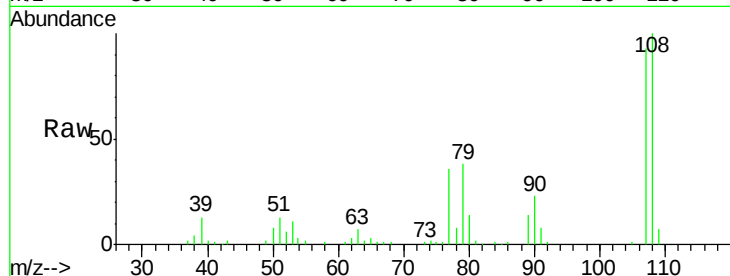




#17
 2-Methylphenol
 Concen: 34.59 ng
 RT: 8.26 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-11-BULK

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	157315		
108	107.3	93.4	140.0	
77	38.2	35.8	53.6	
79	40.7	34.8	52.2	



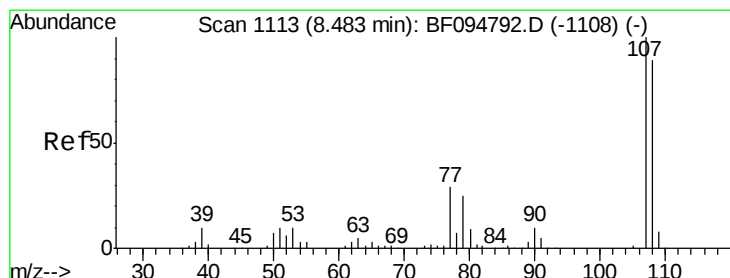
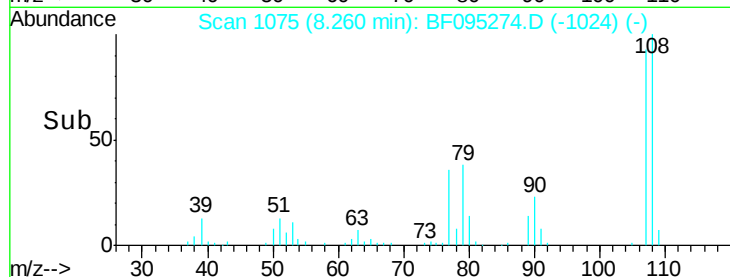
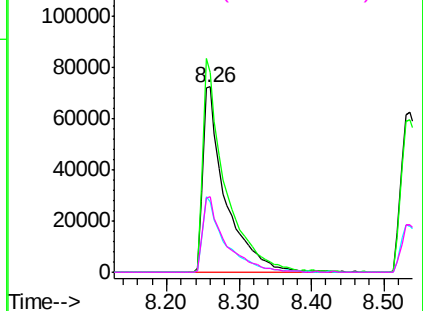
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#20
 3+4-Methylphenols
 Concen: 34.79 ng
 RT: 8.54 min Scan# 1122
 Delta R.T. 0.02 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	215015		
108	95.2	71.0	111.0	
77	28.7	90.5	130.5#	
79	29.4	8.4	48.4	

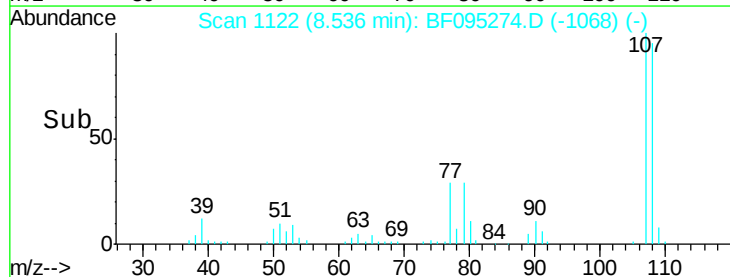
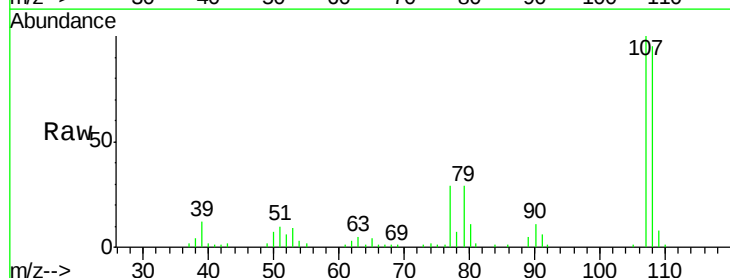
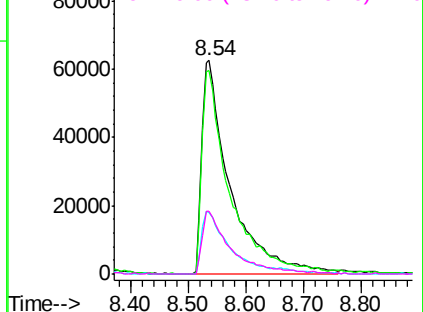
Abundance

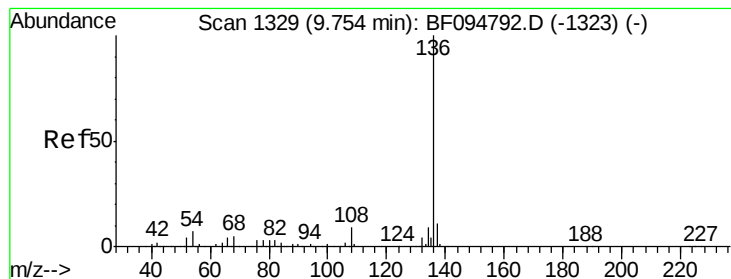
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

Instrument :

BNA_F

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E2-CONCRETE-BATCH-11-BULK

Tgt Ion:136 Resp: 353358

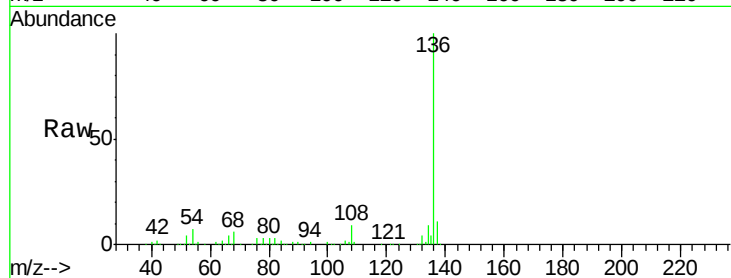
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.8 4.9 7.3

68 5.7 4.1 6.1

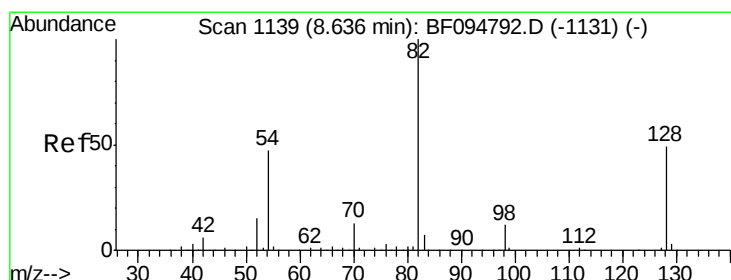
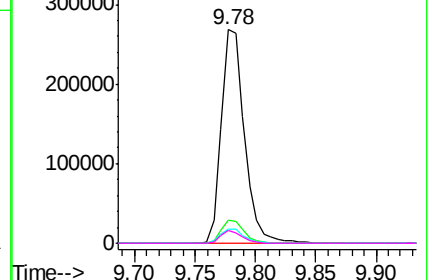
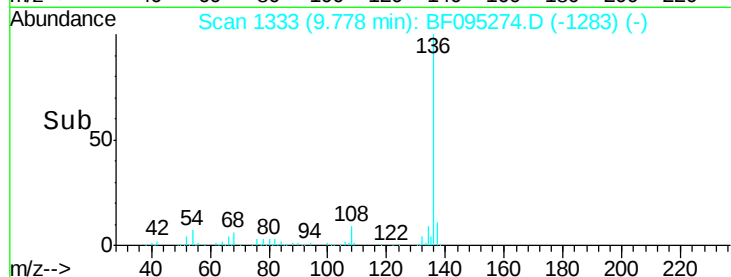


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.66 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

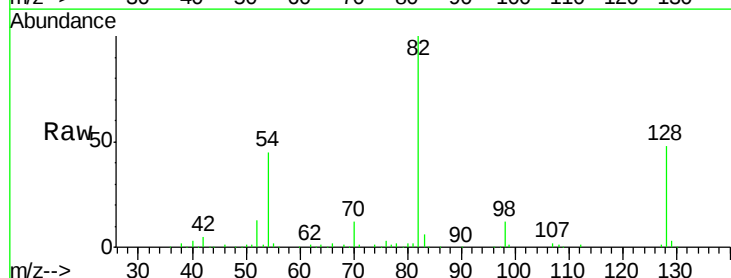
Tgt Ion: 82 Resp: 407171

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

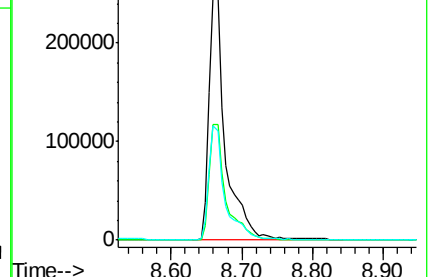
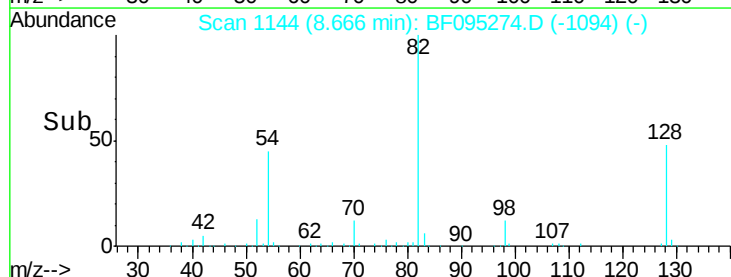
54 44.7 42.2 63.2

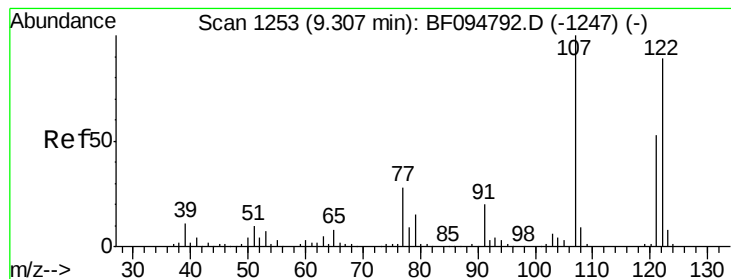


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#27

2,4-Dimethylphenol

Concen: 26.71 ng

RT: 9.37 min Scan# 1263

Delta R.T. 0.03 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

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E2-CONCRETE-BATCH-11-BULK

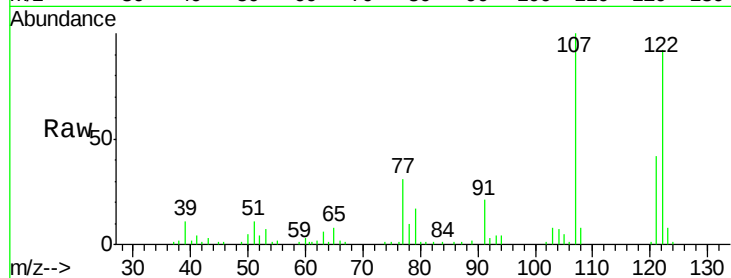
Tgt Ion:122 Resp: 136878

Ion Ratio Lower Upper

122 100

107 108.2 89.2 133.8

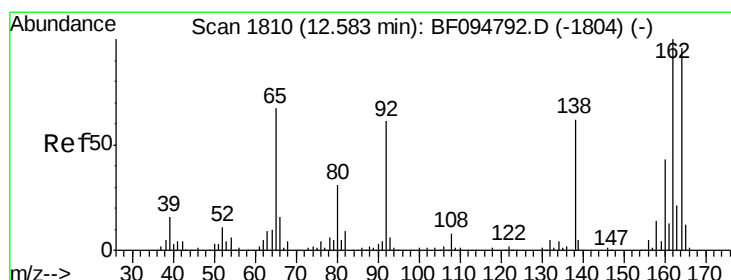
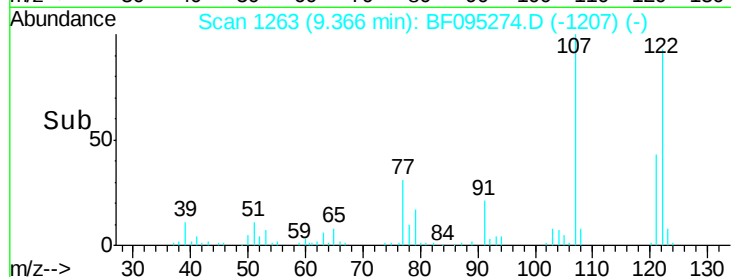
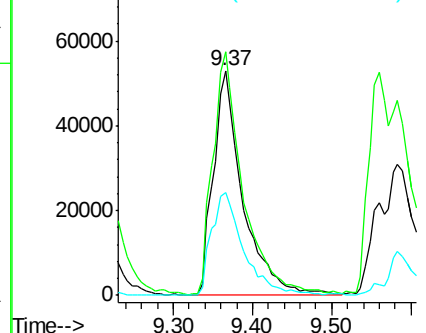
121 45.7 45.2 67.8



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF095274.D

Acq: 19 May 2017 21:07

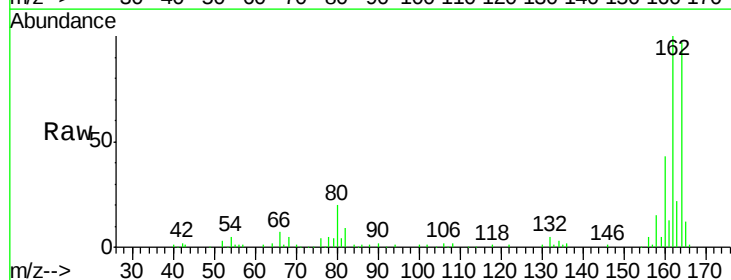
Tgt Ion:164 Resp: 171162

Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

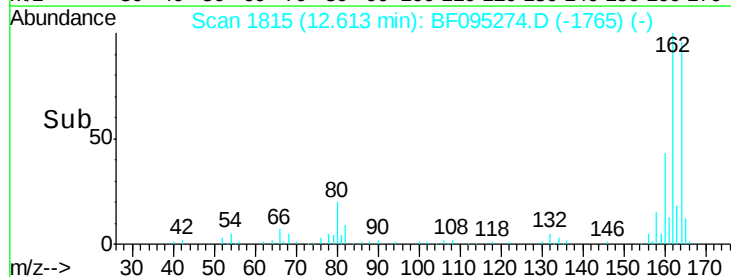
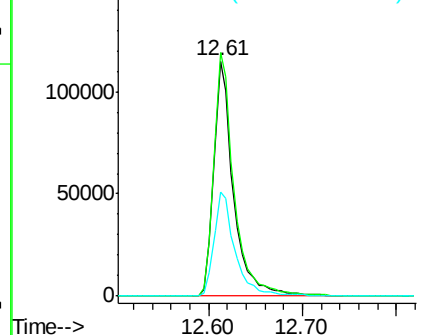
160 44.3 36.2 54.2

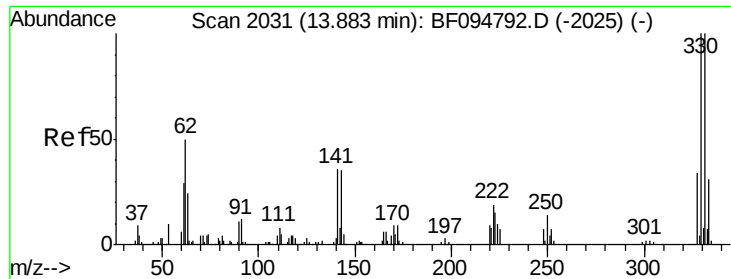


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

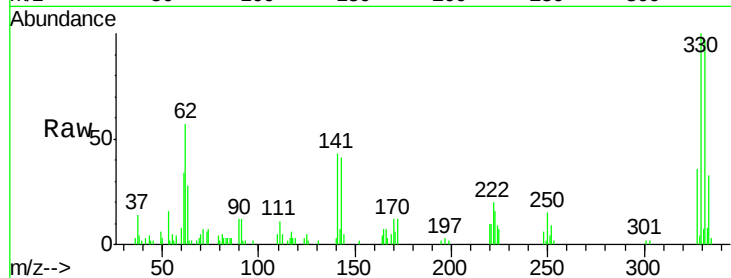




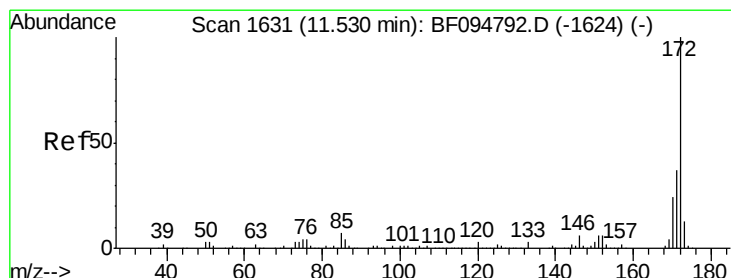
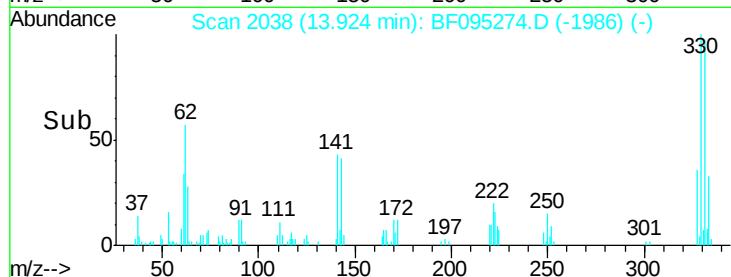
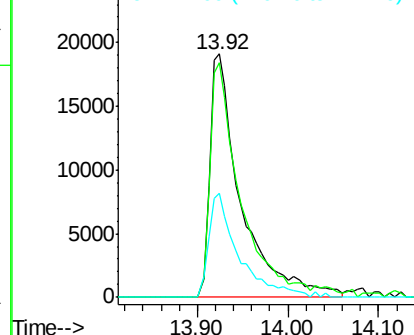
#41
 2,4,6-Tribromophenol
 Concen: 32.67 ng
 RT: 13.92 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

Instrument :
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 E2-CONCRETE-BATCH-11-BULK

Tgt Ion: 330 Resp: 45795
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.6 115.0
 141 40.8 31.4 47.2

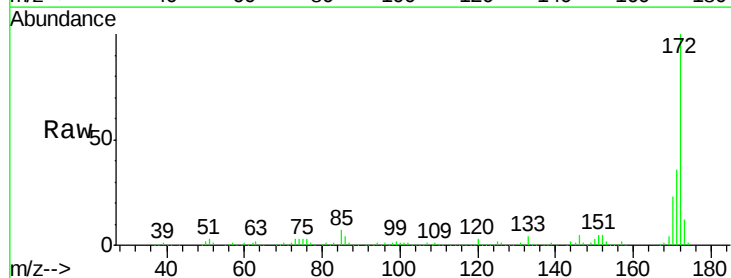


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

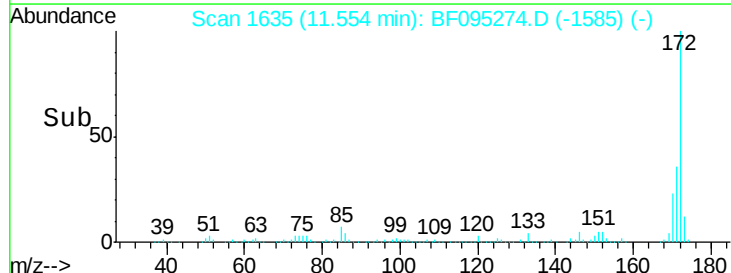
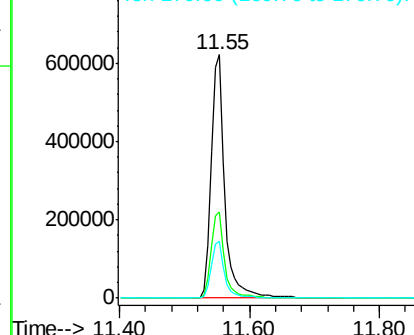


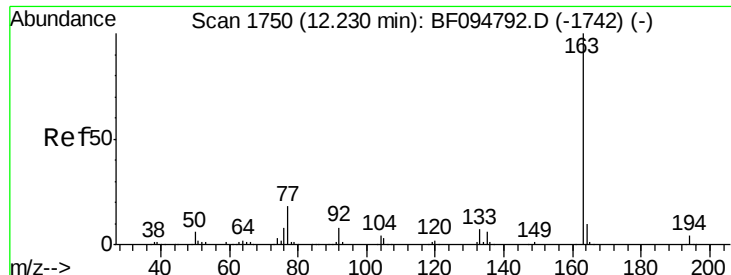
#44
 2-Fluorobiphenyl
 Concen: 75.70 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

Tgt Ion: 172 Resp: 900253
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 23.1 19.8 29.8



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

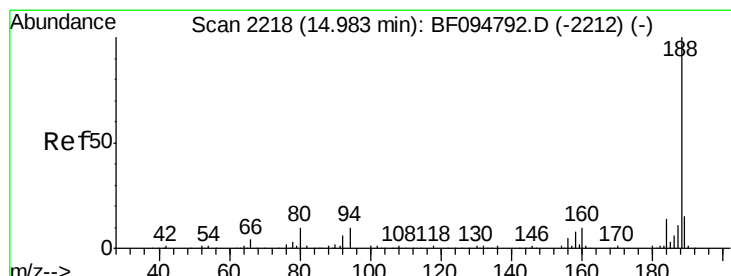
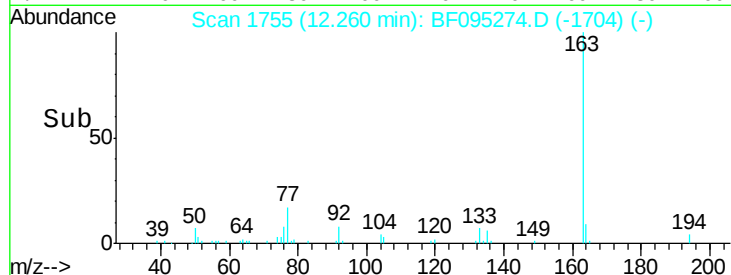
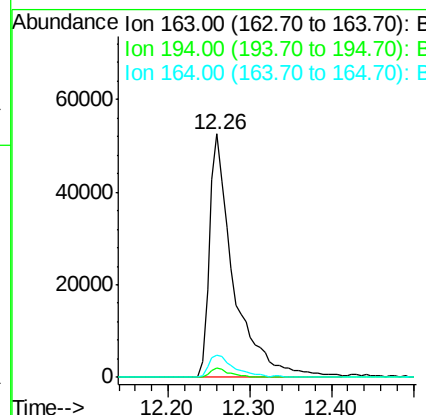
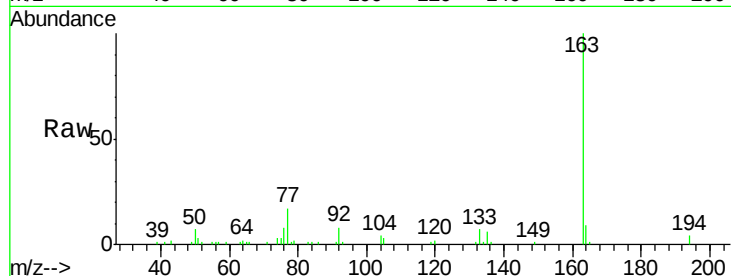




#49
Dimethylphthalate
Concen: 7.73 ng
RT: 12.26 min Scan# 1755
Delta R.T. 0.00 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

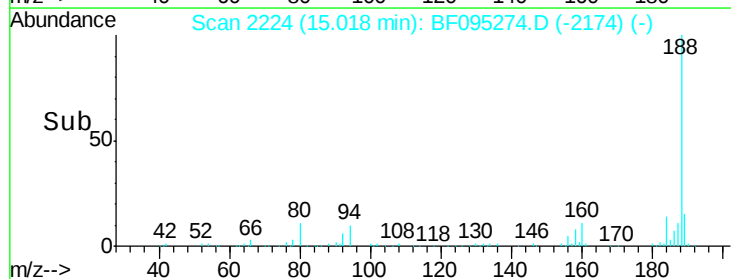
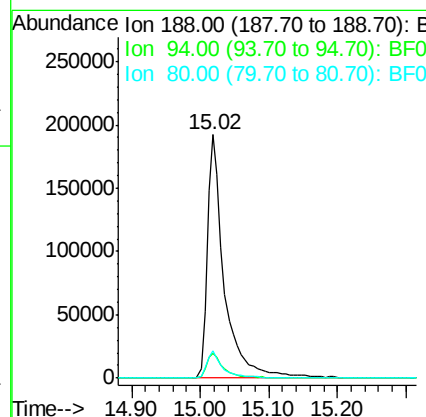
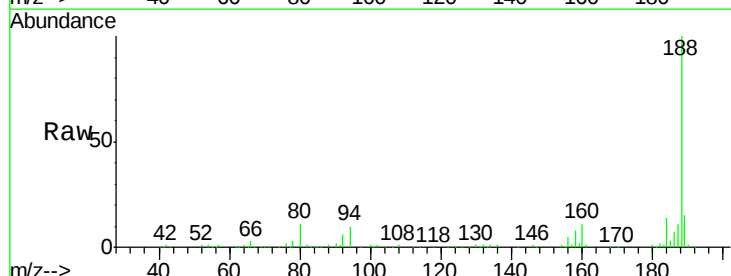
Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-11-BULK

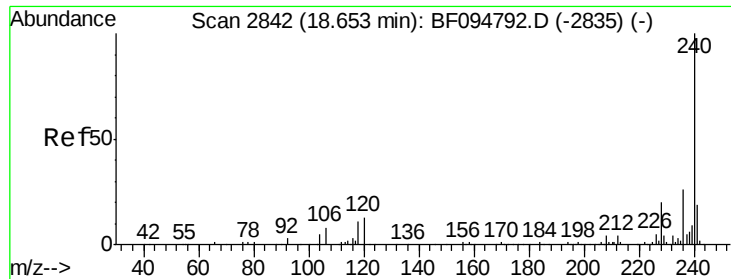
Tgt Ion:163 Resp: 108611
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.0 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.02 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

Tgt Ion:188 Resp: 334325
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.1 10.2 15.2

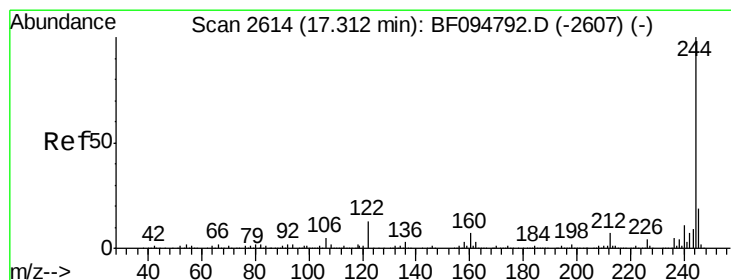
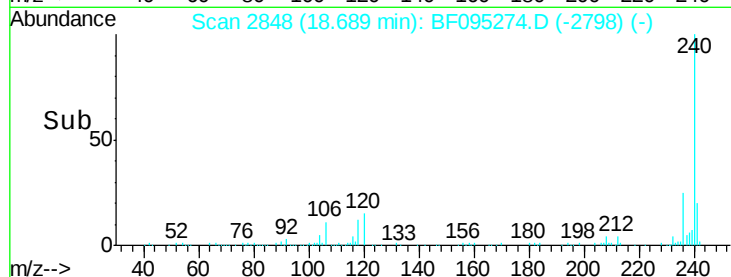
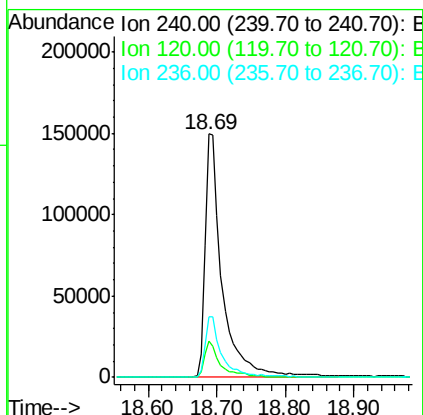
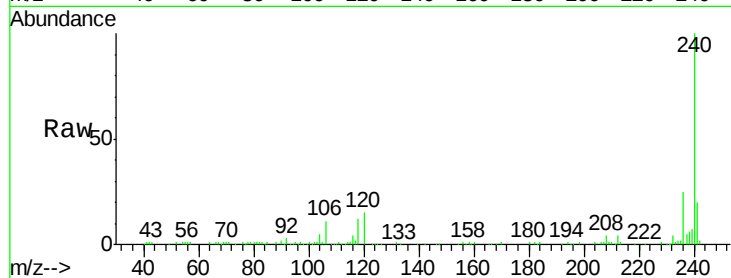




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

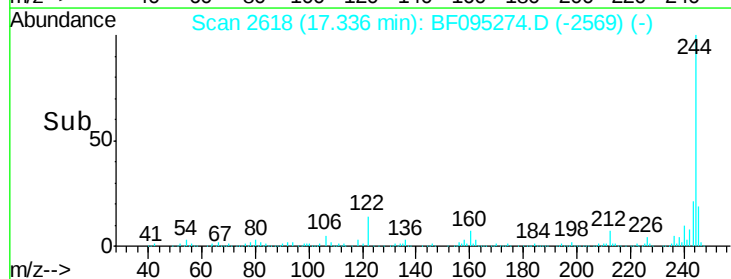
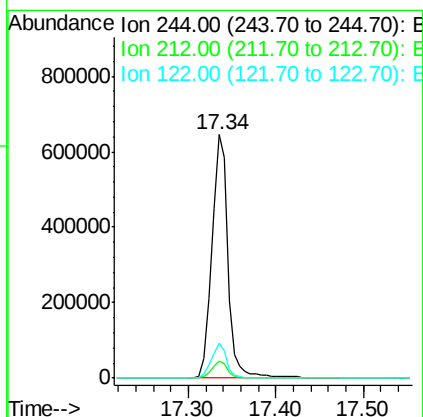
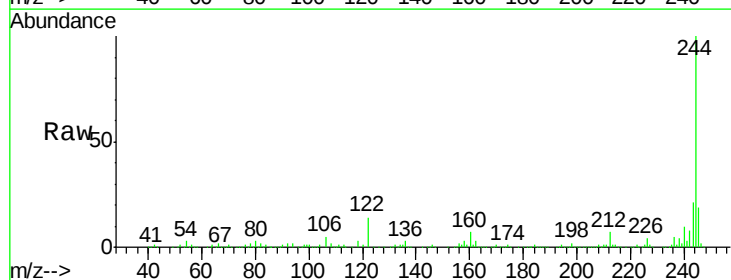
Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH-11-BULK

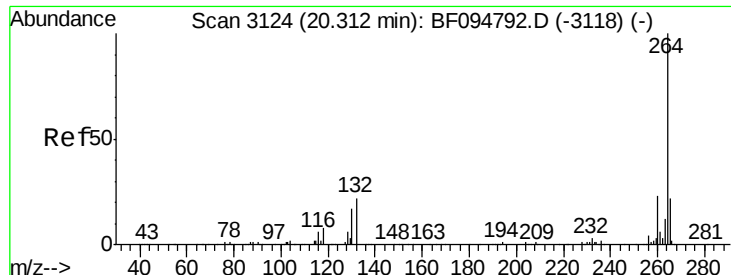
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	24.7	20.5	30.7



#78
 Terphenyl-d14
 Concen: 68.53 ng
 RT: 17.34 min Scan# 2618
 Delta R.T. -0.01 min
 Lab File: BF095274.D
 Acq: 19 May 2017 21:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.4	10.3	15.5

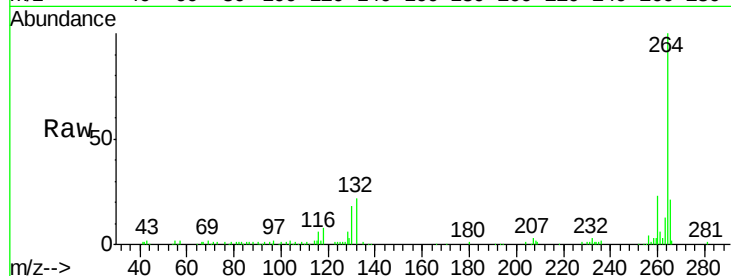




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BF095274.D
Acq: 19 May 2017 21:07

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH-11-BULK

Tgt Ion: 264 Resp: 160335
Ion Ratio Lower Upper
264 100
260 23.3 19.5 29.3
265 21.0 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

