

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095039.D
 Acq On : 10 May 2017 00:24
 Operator : SJ/MA
 Sample : I3033-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-COMP

Quant Time: May 10 02:44:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

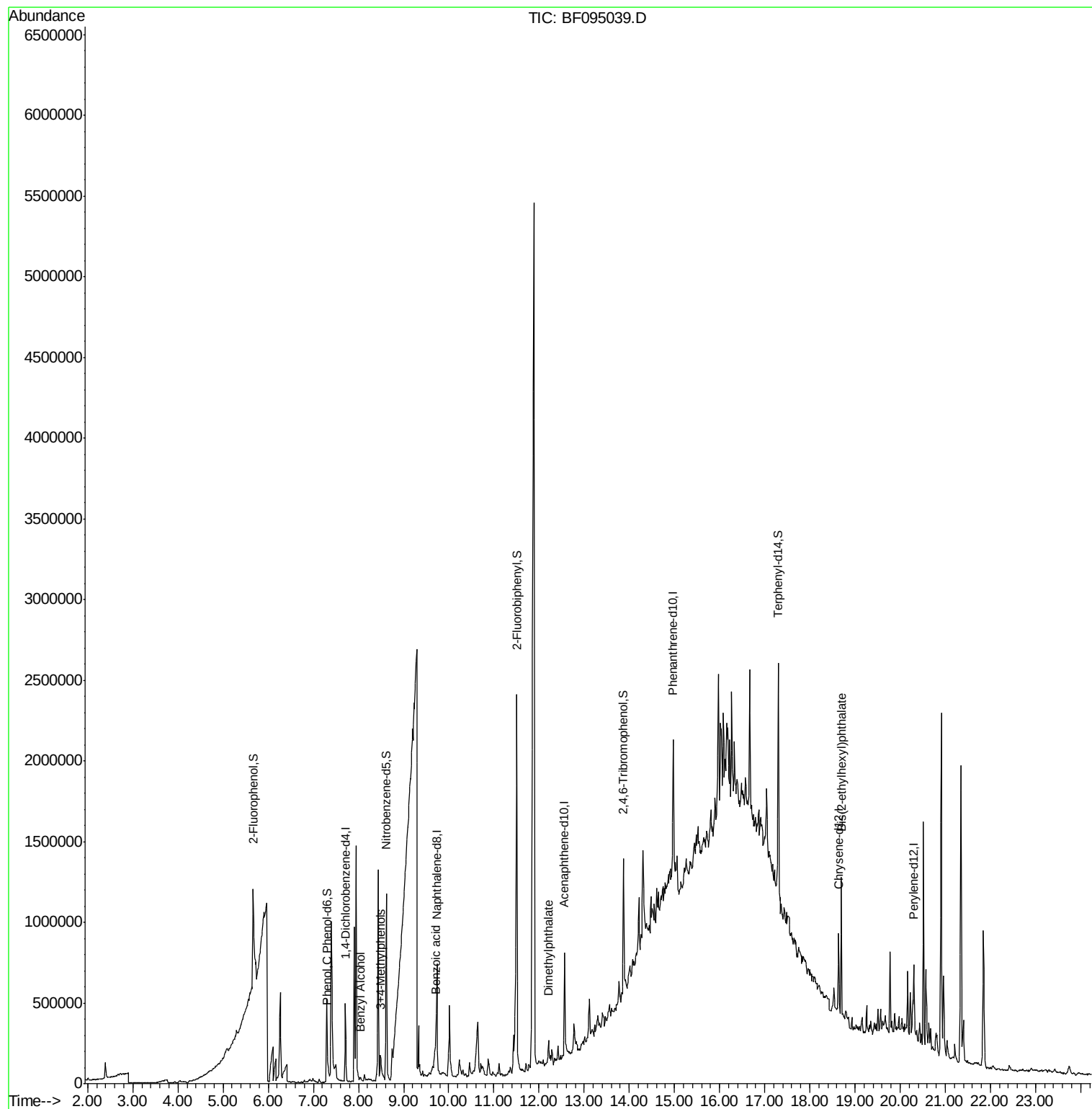
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	96744	20.00	ng	-0.02
21) Naphthalene-d8	9.74	136	401085	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	183321	20.00	ng	-0.02
63) Phenanthrene-d10	14.98	188	277531	20.00	ng	0.00
75) Chrysene-d12	18.64	240	200642	20.00	ng	-0.02
86) Perylene-d12	20.30	264	192309	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	337450	58.15	ng	-0.01
7) Phenol-d6	7.30	99	271386	38.98	ng	0.02
23) Nitrobenzene-d5	8.62	82	498600	78.39	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	177437	118.19	ng	-0.01
44) 2-Fluorobiphenyl	11.51	172	964900	75.76	ng	-0.02
78) Terphenyl-d14	17.30	244	596506	65.48	ng	-0.01
Target Compounds						
10) Phenol	7.31	94	73711	10.05	ng	Qvalue 93
15) Benzyl Alcohol	8.04	79	9680	2.16	ng	96
20) 3+4-Methylphenols	8.49	107	120892	16.46	ng	# 54
32) Benzoic acid	9.71	122	53036	17.50	ng	97
49) Dimethylphthalate	12.21	163	73735	4.90	ng	100
83) Bis(2-ethylhexyl)phthalate	18.69	149	306349	30.81	ng	98

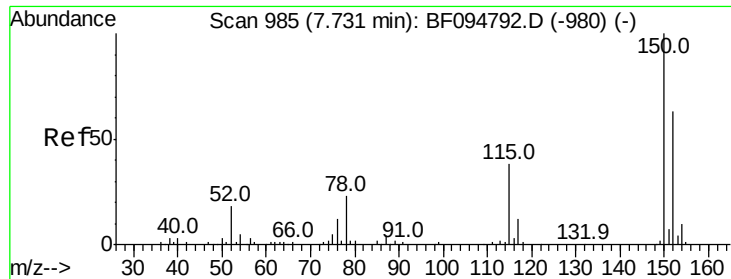
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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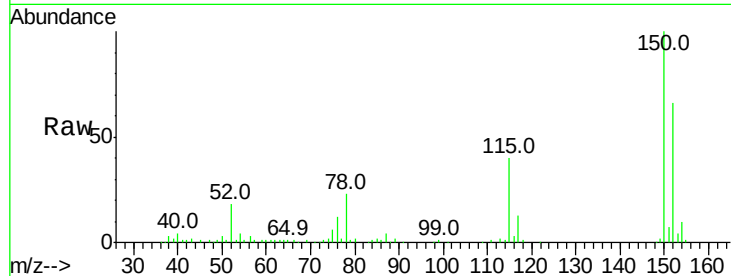


#1

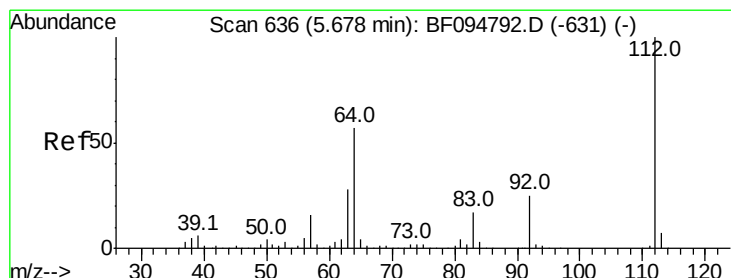
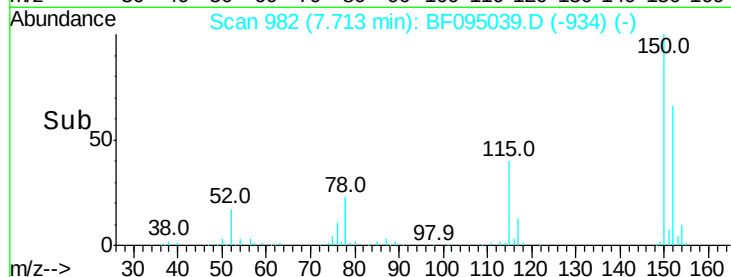
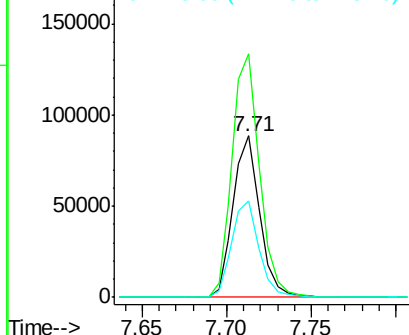
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF095039.D
Acq: 10 May 2017 00:24

Instrument :
BNA_F
ClientSampleId :
OILY-WATER-COMP

Tot Ion:152 Resp: 96744
Ion Ratio Lower Upper
152 100
150 150.7 126.2 189.2
115 59.7 52.2 78.2



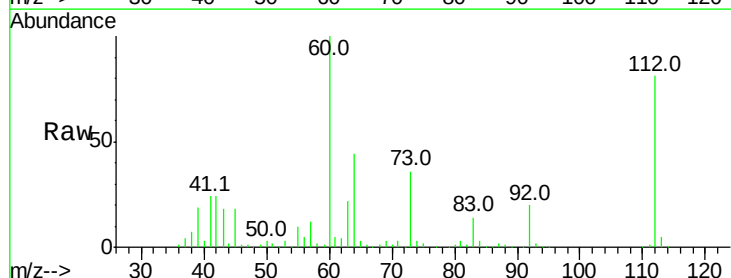
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



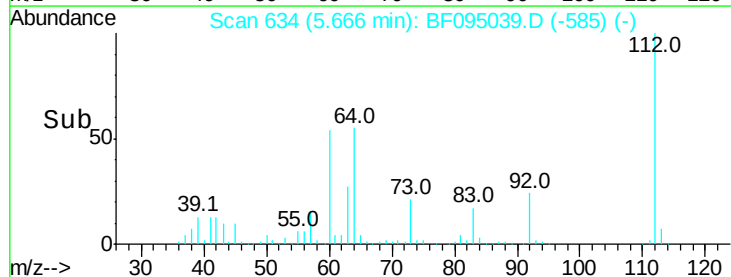
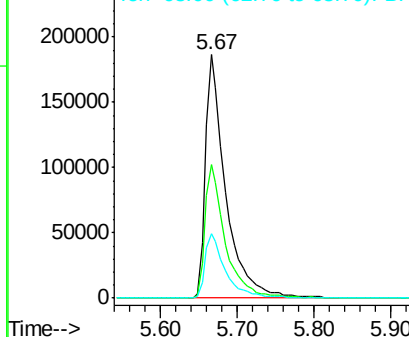
#5

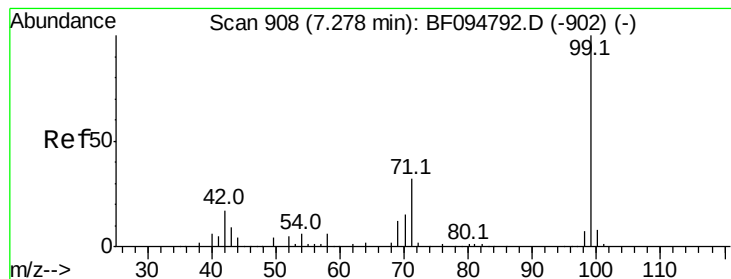
2-Fluorophenol
Concen: 58.15 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF095039.D
Acq: 10 May 2017 00:24

Tgt Ion:112 Resp: 337450
Ion Ratio Lower Upper
112 100
64 54.9 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: 38.98 ng

RT: 7.30 min Scan# 911

Delta R.T. 0.02 min

Lab File: BF095039.D

Acq: 10 May 2017 00:24

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-COMP

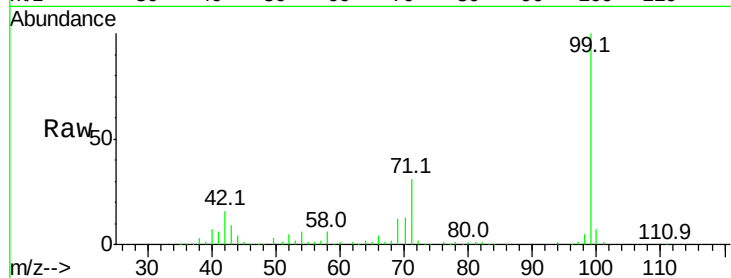
Tot Ion: 99 Resp: 271386

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

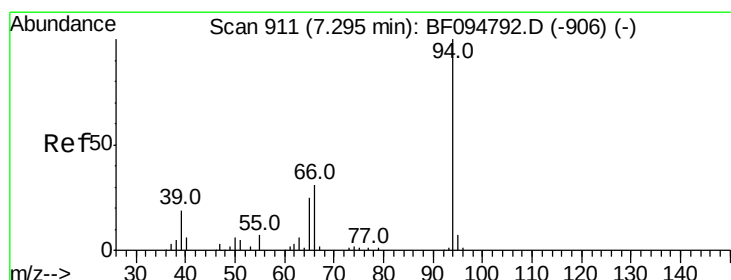
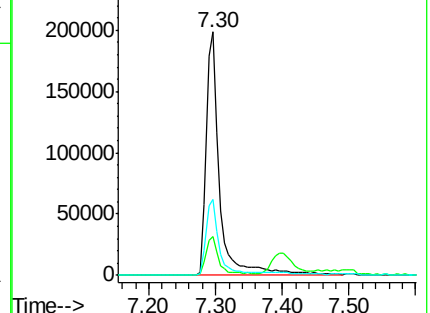
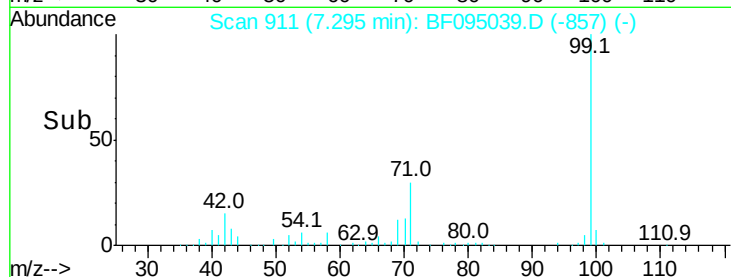
71 30.9 24.5 36.7



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: 10.05 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.02 min

Lab File: BF095039.D

Acq: 10 May 2017 00:24

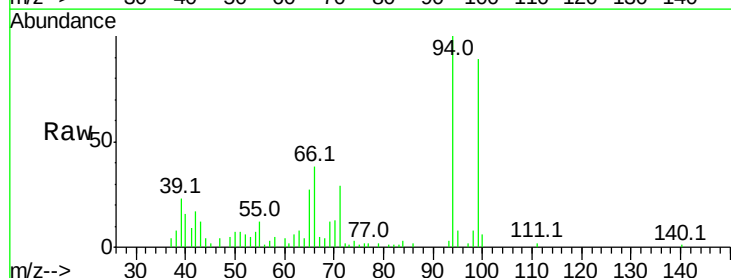
Tgt Ion: 94 Resp: 73711

Ion Ratio Lower Upper

94 100

65 27.4 9.9 49.9

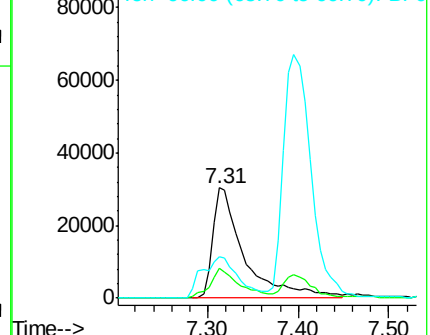
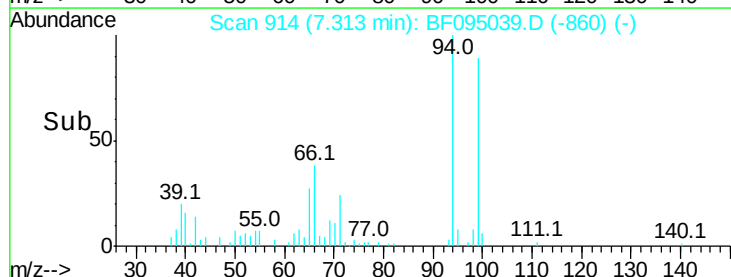
66 37.9 23.1 63.1

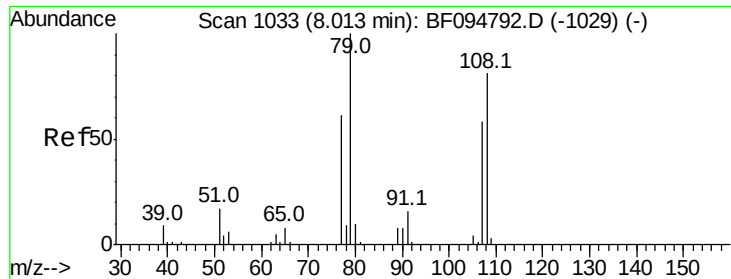


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

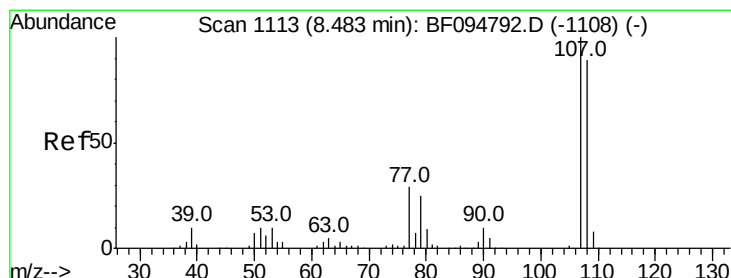
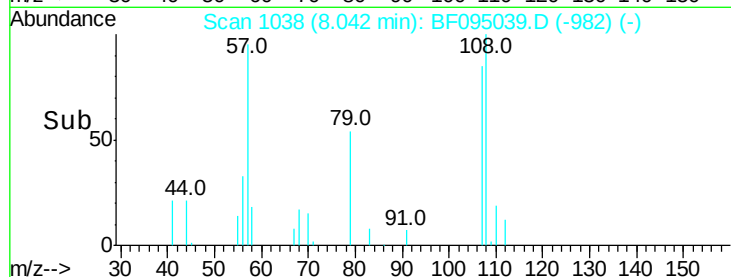
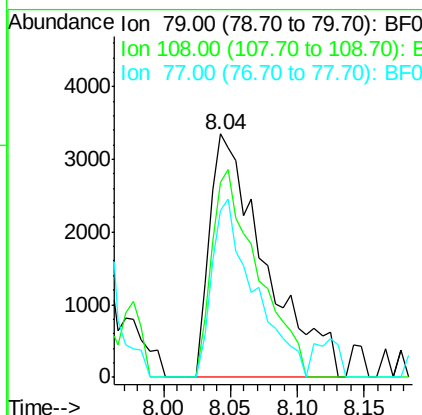
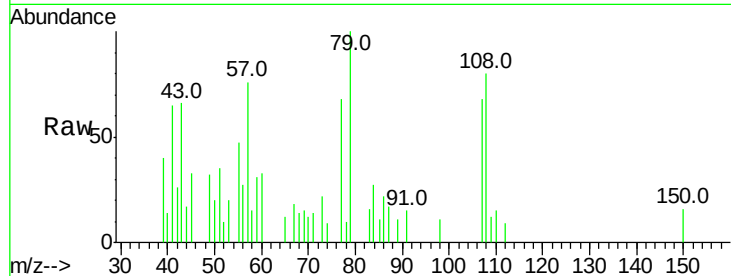




#15
Benzyl Alcohol
Concen: 2.16 ng
RT: 8.04 min Scan# 1038
Delta R.T. 0.03 min
Lab File: BF095039.D
Acq: 10 May 2017 00:24

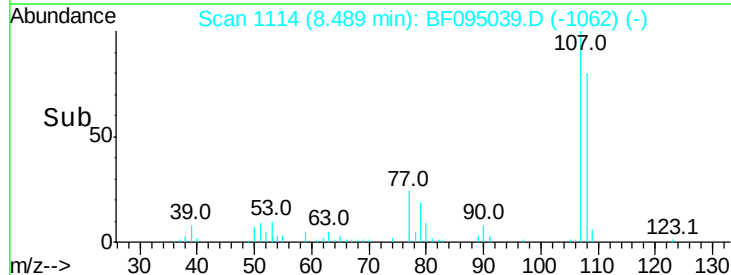
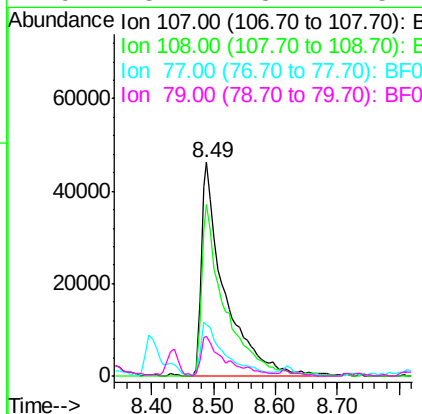
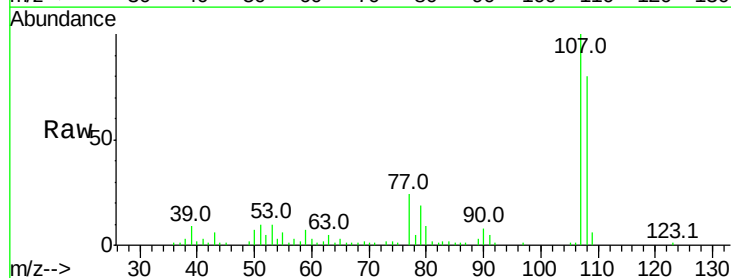
Instrument :
BNA_F
ClientSampleId :
OILY-WATER-COMP

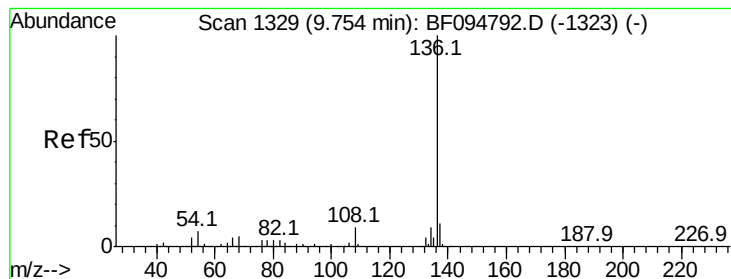
Tot Ion: 79 Resp: 9680
Ion Ratio Lower Upper
79 100
108 80.1 63.4 95.0
77 68.3 49.2 73.8



#20
3+4-Methylphenols
Concen: 16.46 ng
RT: 8.49 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BF095039.D
Acq: 10 May 2017 00:24

Tgt Ion:107 Resp: 120892
Ion Ratio Lower Upper
107 100
108 80.5 71.0 111.0
77 24.2 90.5 130.5#
79 18.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF095039.D

Acq: 10 May 2017 00:24

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-COMP

Tot Ion:136 Resp: 401085

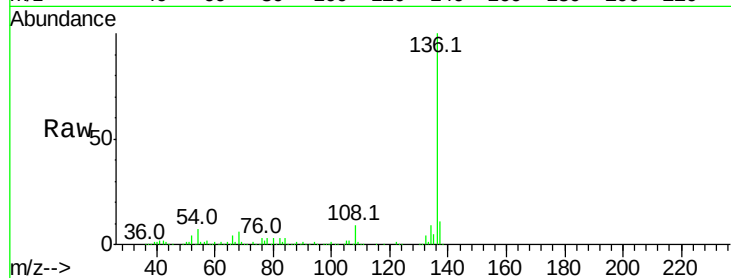
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 5.9 4.1 6.1

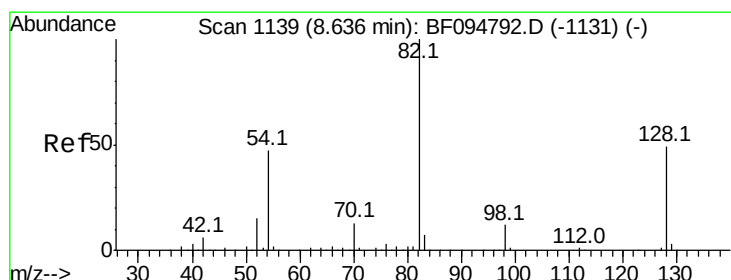
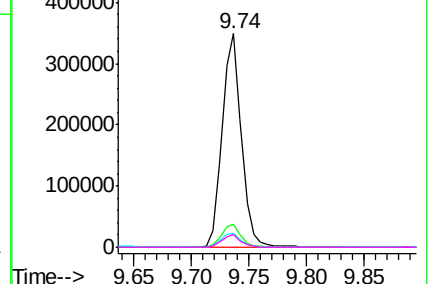
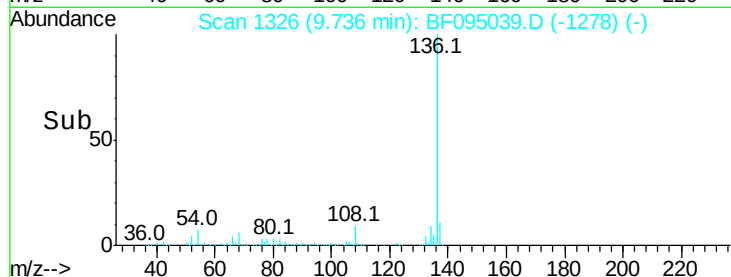


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.39 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF095039.D

Acq: 10 May 2017 00:24

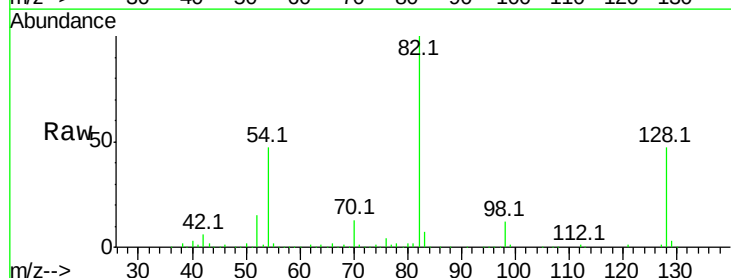
Tgt Ion: 82 Resp: 498600

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

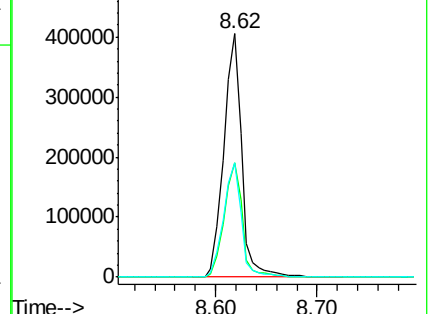
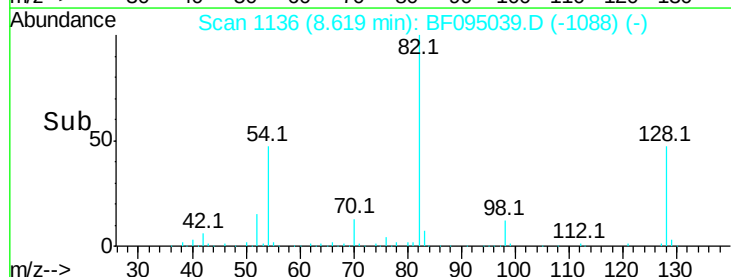
54 47.0 42.2 63.2

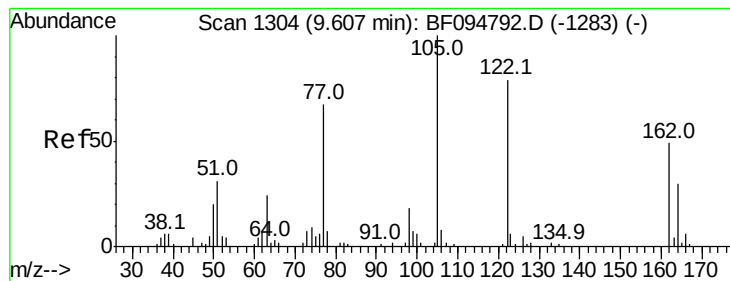


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 17.50 ng

RT: 9.71 min Scan# 1322

Delta R.T. 0.11 min

Lab File: BF095039.D

Acq: 10 May 2017 00:24

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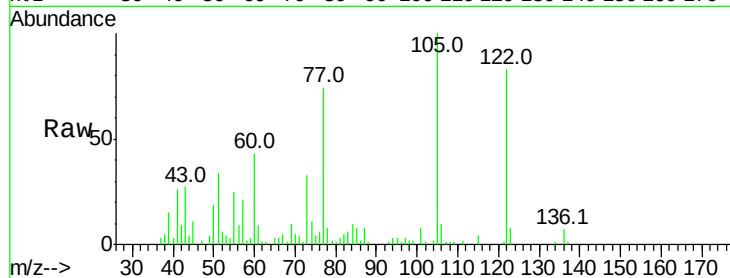
Tot Ion:122 Resp: 53036

Ion Ratio Lower Upper

122 100

105 120.8 103.3 143.3

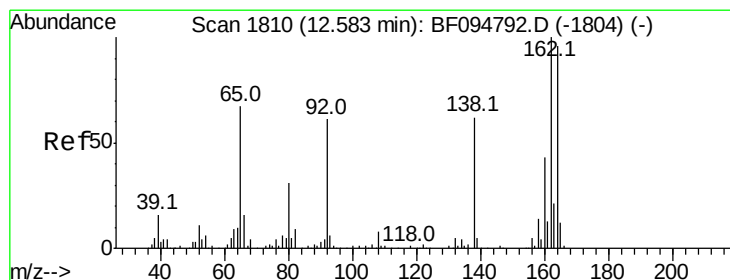
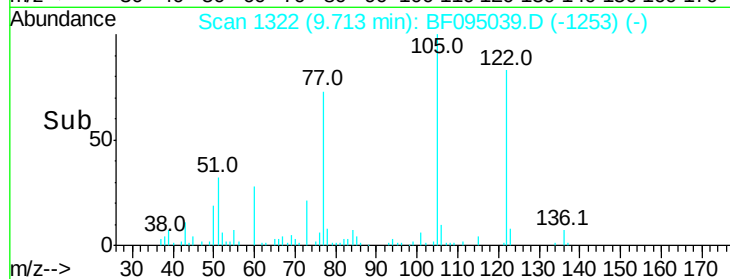
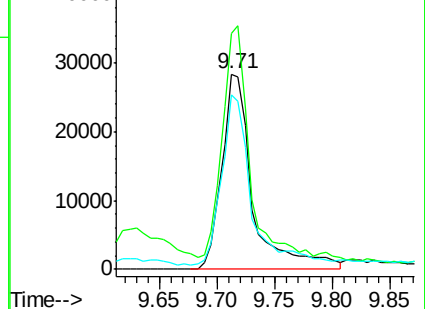
77 89.4 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1807

Delta R.T. -0.02 min

Lab File: BF095039.D

Acq: 10 May 2017 00:24

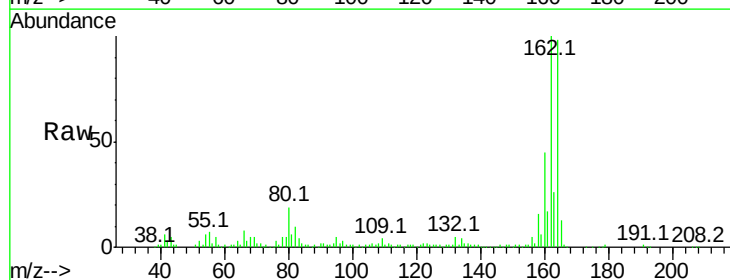
Tgt Ion:164 Resp: 183321

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

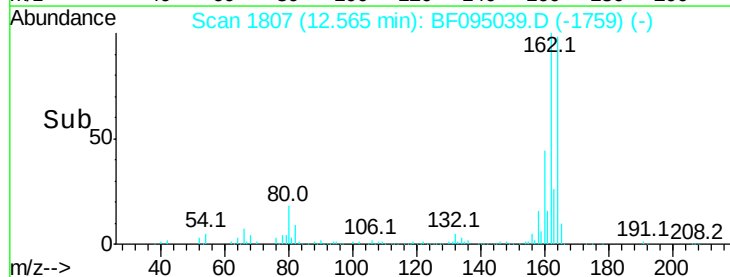
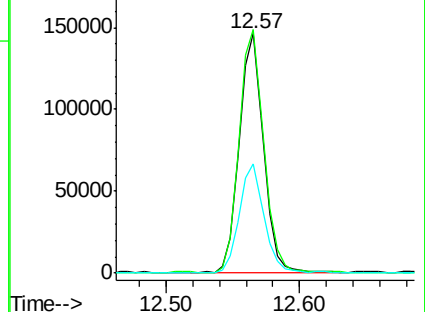
160 45.7 36.2 54.2

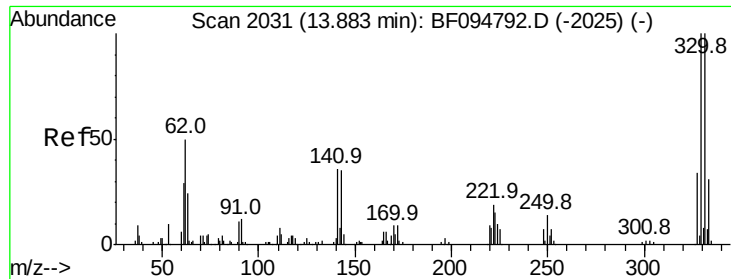


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

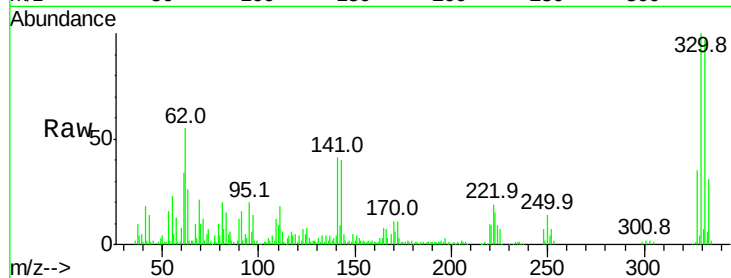




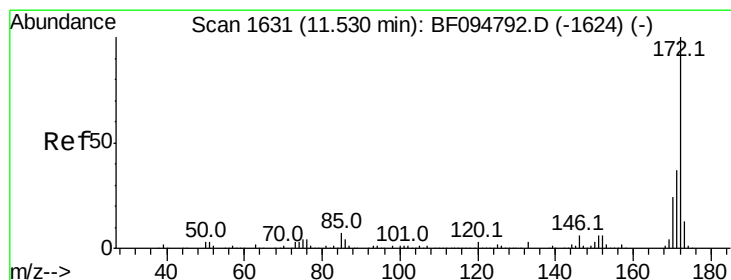
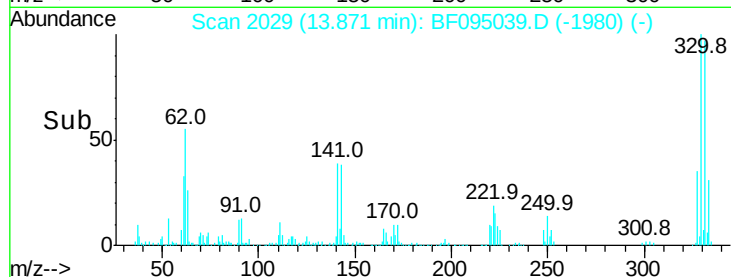
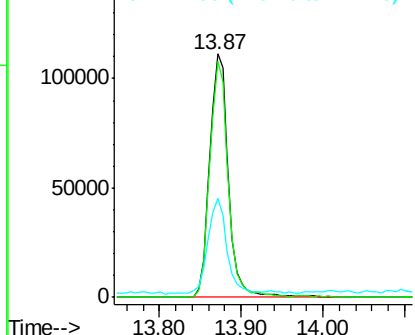
#41
 2,4,6-Tribromophenol
 Concen: 118.19 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF095039.D
 Acq: 10 May 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-COMP

Tot Ion:330 Resp: 177437
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 39.2 31.4 47.2

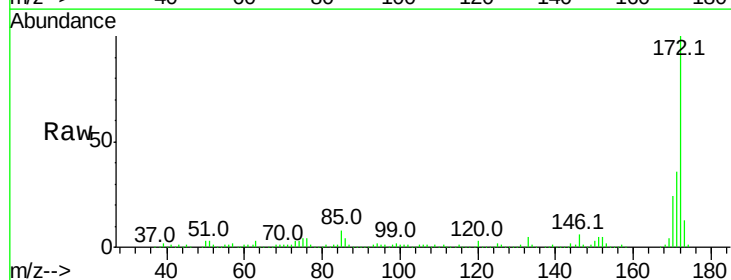


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

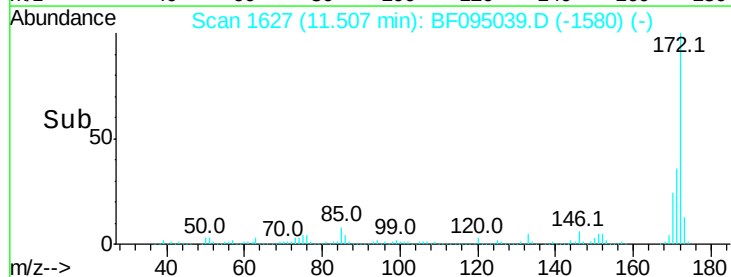
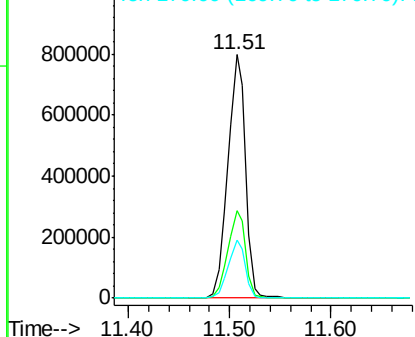


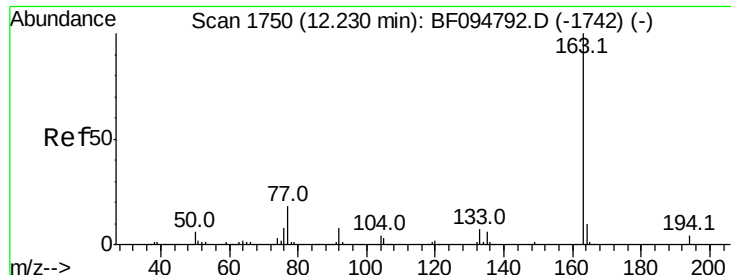
#44
 2-Fluorobiphenyl
 Concen: 75.76 ng
 RT: 11.51 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BF095039.D
 Acq: 10 May 2017 00:24

Tgt Ion:172 Resp: 964900
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.6 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

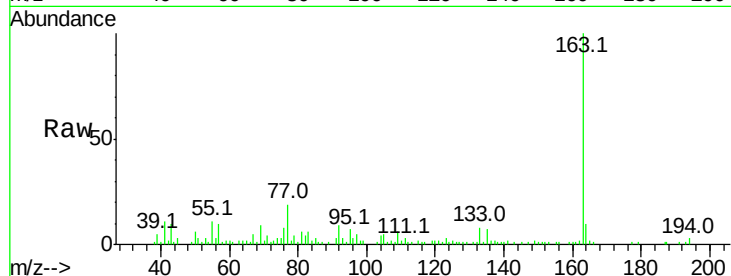




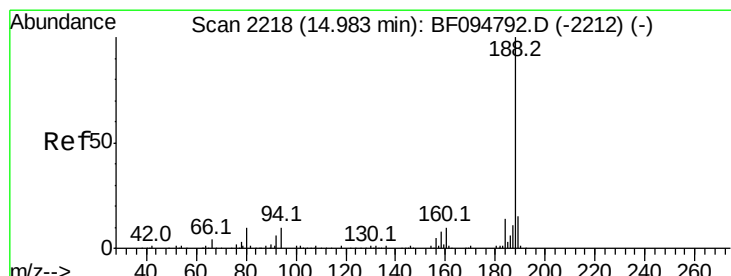
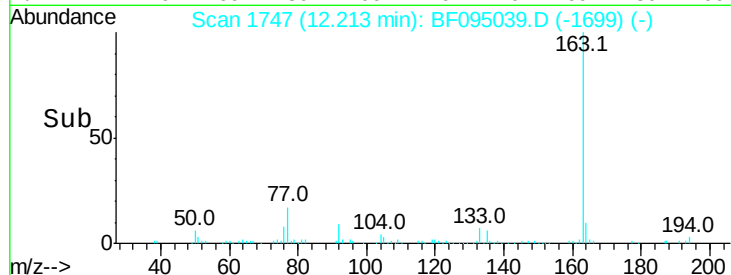
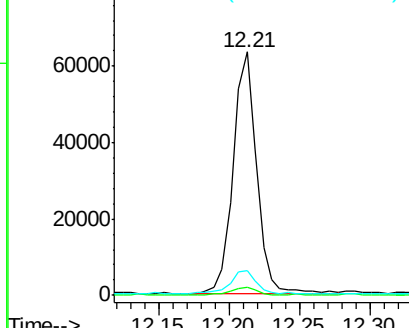
#49
 Dimethylphthalate
 Concen: 4.90 ng
 RT: 12.21 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BF095039.D
 Acq: 10 May 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :
 OILY-WATER-COMP

Tot Ion:163 Resp: 73735
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 10.3 8.4 12.6

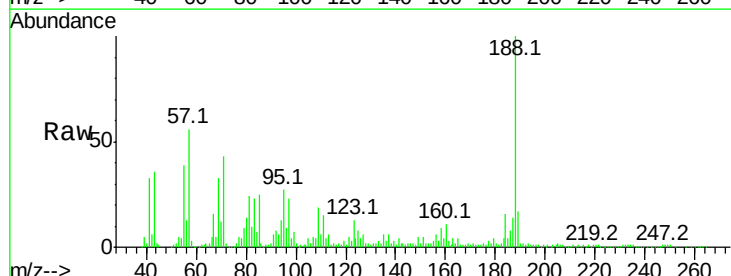


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

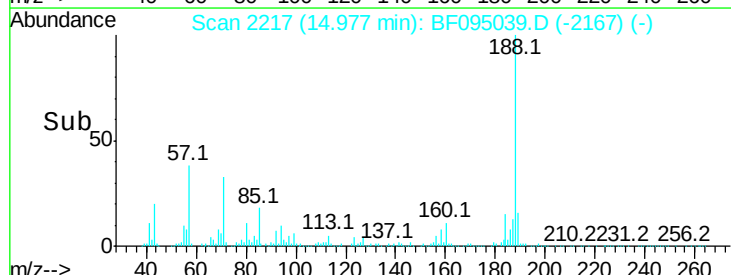
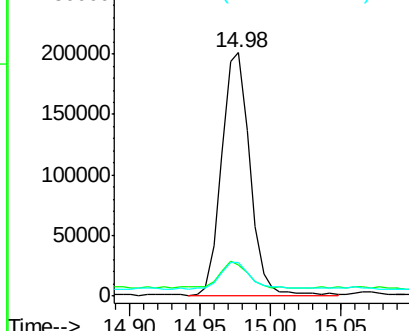


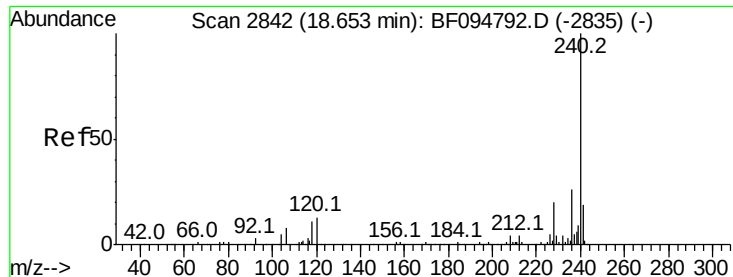
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.98 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF095039.D
 Acq: 10 May 2017 00:24

Tgt Ion:188 Resp: 277531
 Ion Ratio Lower Upper
 188 100
 94 13.0 9.4 14.2
 80 13.7 10.2 15.2



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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF095039.D

Acq: 10 May 2017 00:24

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-COMP

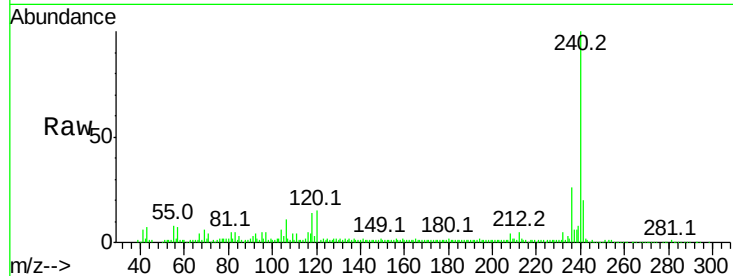
Tot Ion:240 Resp: 200642

Ion Ratio Lower Upper

240 100

120 15.0 5.8 8.8#

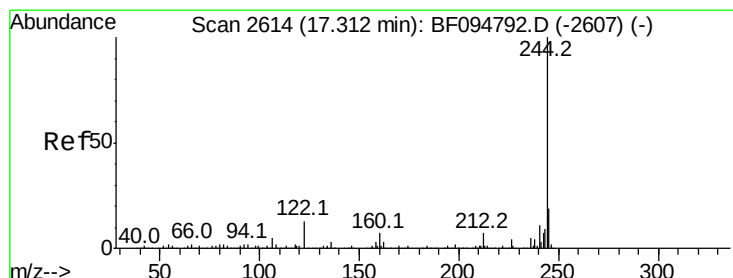
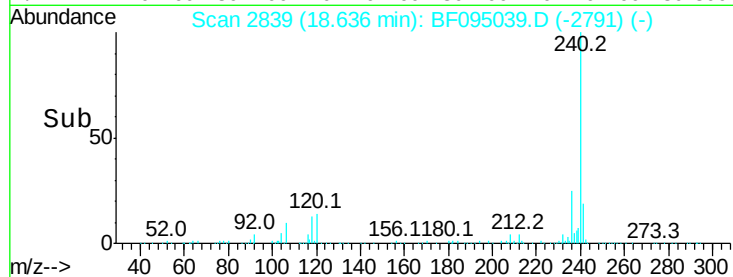
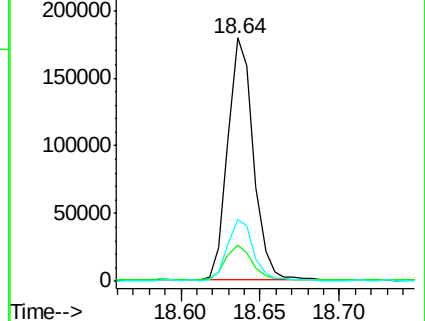
236 25.7 20.5 30.7



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: 65.48 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF095039.D

Acq: 10 May 2017 00:24

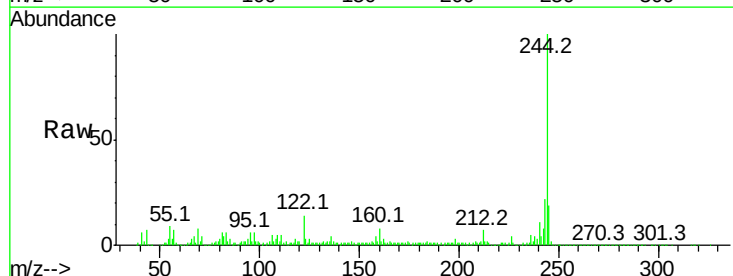
Tgt Ion:244 Resp: 596506

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

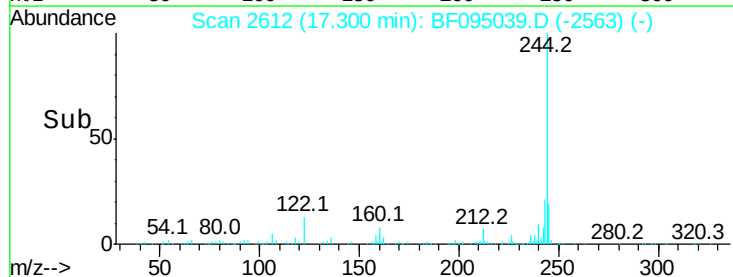
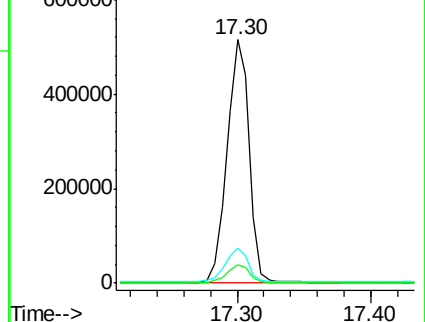
122 14.3 10.3 15.5

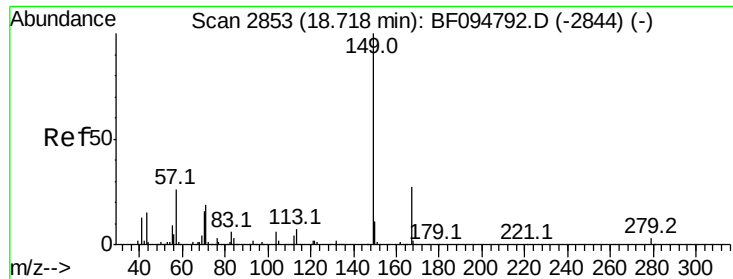


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.81 ng

RT: 18.69 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF095039.D

Acq: 10 May 2017 00:24

Instrument :

BNA_F

ClientSampleId :

OILY-WATER-COMP

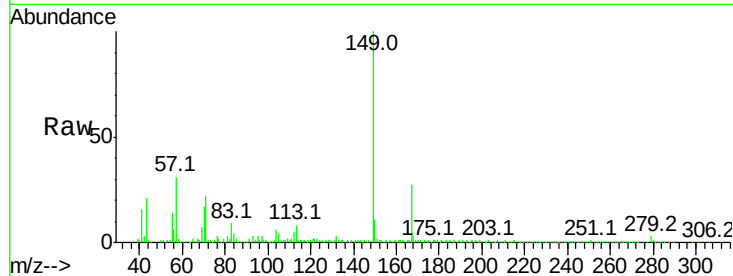
Tot Ion:149 Resp: 306349

Ion Ratio Lower Upper

149 100

167 27.3 21.0 31.4

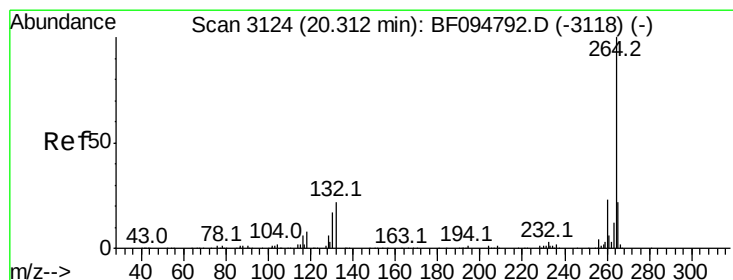
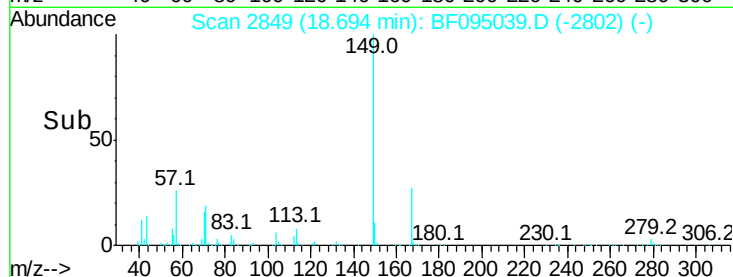
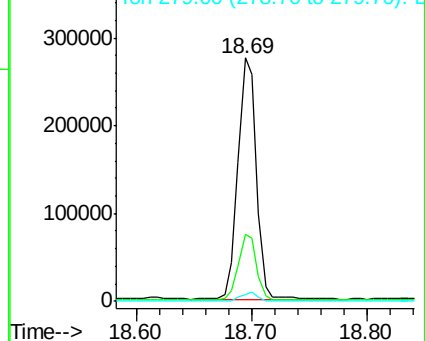
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF095039.D

Acq: 10 May 2017 00:24

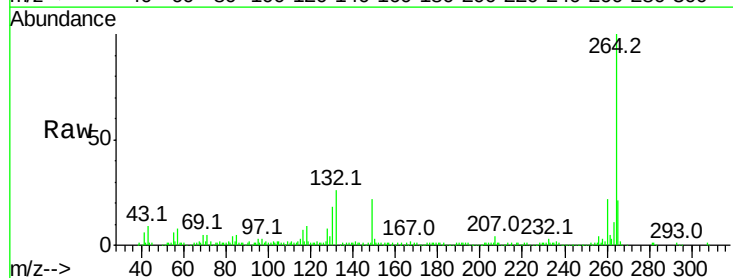
Tgt Ion:264 Resp: 192309

Ion Ratio Lower Upper

264 100

260 22.2 19.5 29.3

265 21.5 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

