

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
 Data File : BF094614.D
 Acq On : 25 Apr 2017 19:20
 Operator : SJ/MA
 Sample : I2824-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH7

Quant Time: Apr 26 04:01:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

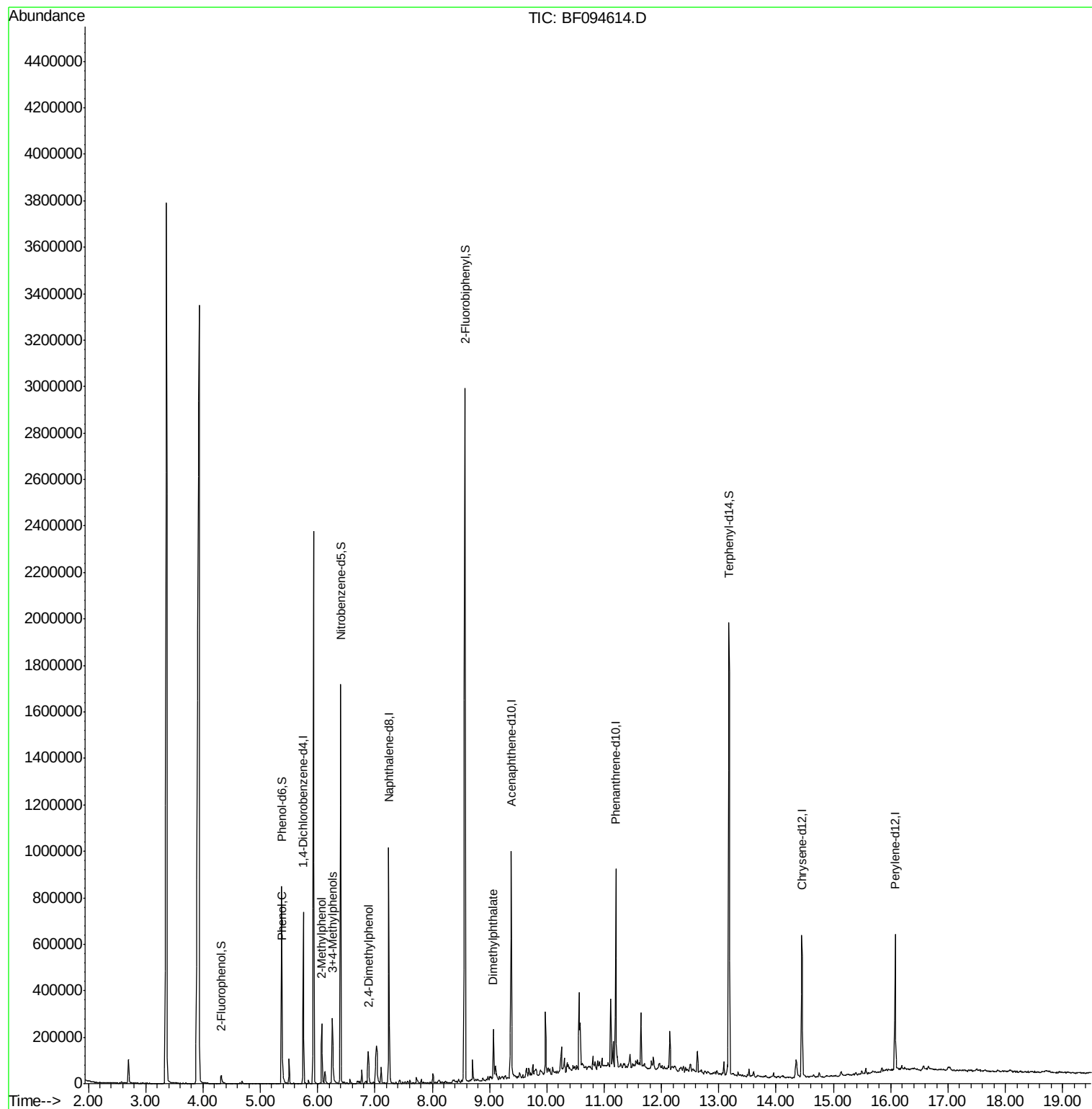
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	122077	20.00	ng	0.00
21) Naphthalene-d8	7.24	136	484574	20.00	ng	-0.02
38) Acenaphthene-d10	9.38	164	205451	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	327875	20.00	ng	-0.02
75) Chrysene-d12	14.45	240	246911	20.00	ng	-0.02
86) Perylene-d12	16.08	264	228212	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	16977	2.31	ng	0.02
7) Phenol-d6	5.37	99	298566	34.42	ng	-0.02
23) Nitrobenzene-d5	6.40	82	598485	76.26	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.57	172	1093883	78.34	ng	-0.01
78) Terphenyl-d14	13.18	244	722700	78.24	ng	-0.02
Target Compounds						
10) Phenol	5.38	94	26401	2.48	ng	99
17) 2-Methylphenol	6.07	107	47146	7.15	ng	97
20) 3+4-Methylphenols	6.26	107	92295	10.30	ng	# 63
27) 2,4-Dimethylphenol	6.89	122	34805	4.83	ng	95
49) Dimethylphthalate	9.07	163	99401	6.49	ng	99

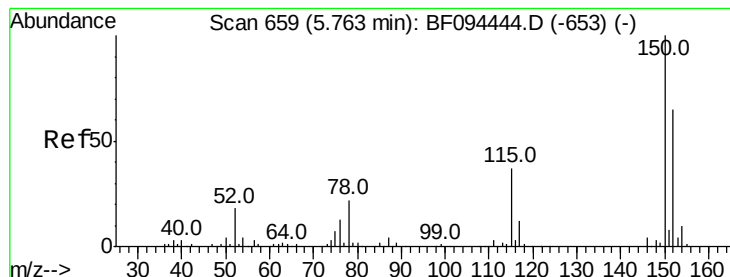
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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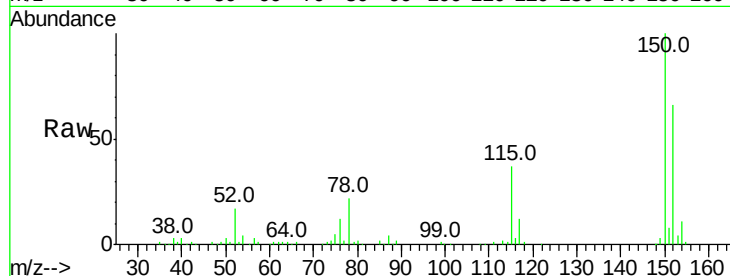


#1

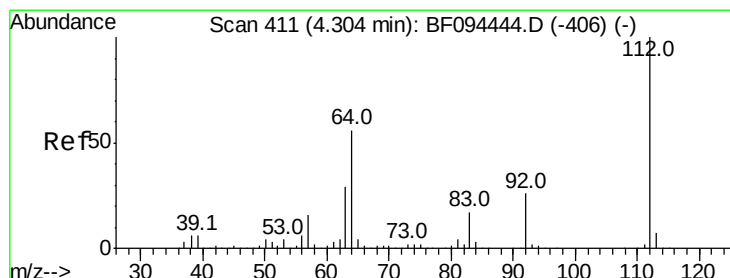
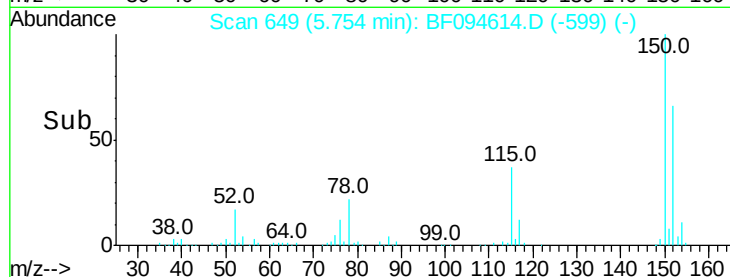
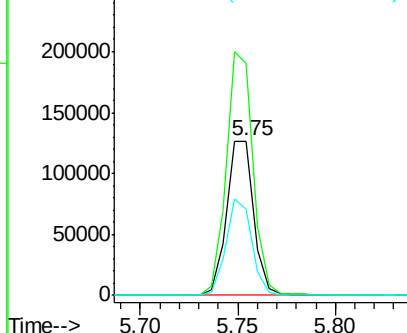
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.75 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF094614.D
Acq: 25 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH7

Tot Ion:152 Resp: 122077
Ion Ratio Lower Upper
152 100
150 150.5 126.2 189.2
115 55.3 52.2 78.2



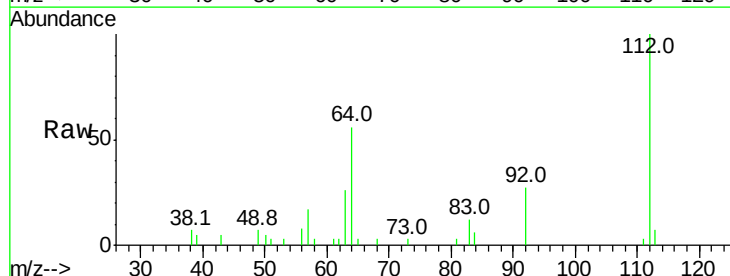
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



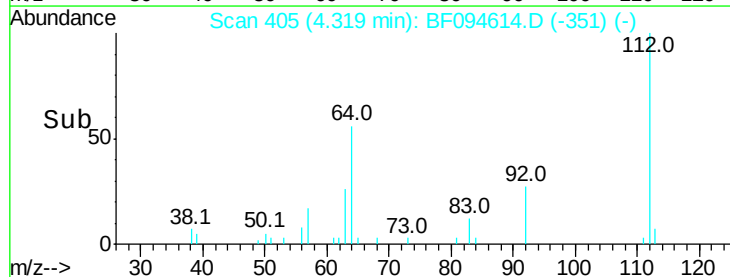
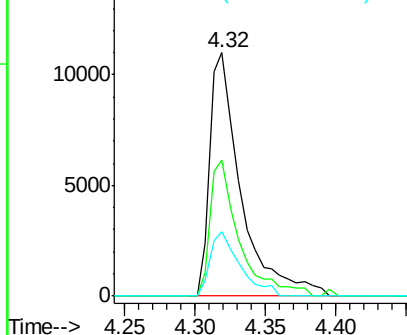
#5

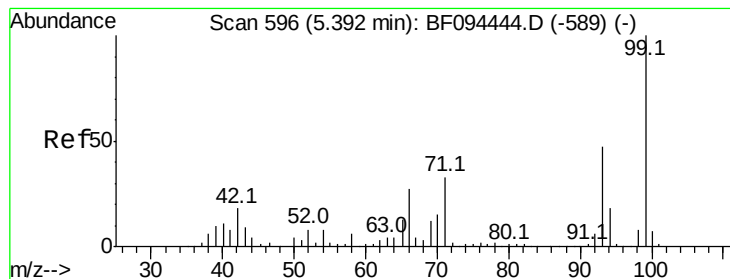
2-Fluorophenol
Concen: 2.31 ng
RT: 4.32 min Scan# 405
Delta R.T. 0.02 min
Lab File: BF094614.D
Acq: 25 Apr 2017 19:20

Tgt Ion:112 Resp: 16977
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 26.2 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: 34.42 ng

RT: 5.37 min Scan# 584

Delta R.T. -0.02 min

Lab File: BF094614.D

Acq: 25 Apr 2017 19:20

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH7

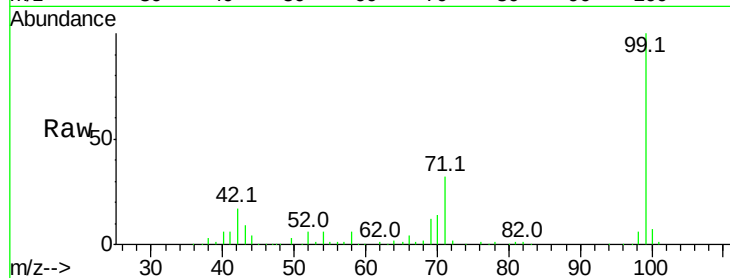
Tot Ion: 99 Resp: 298566

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

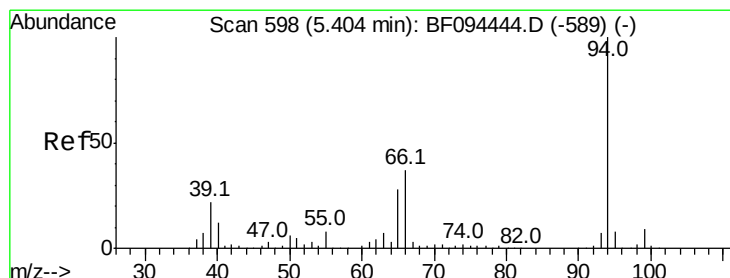
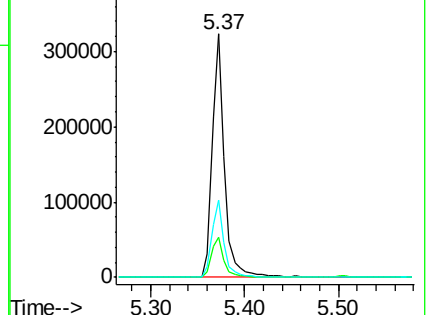
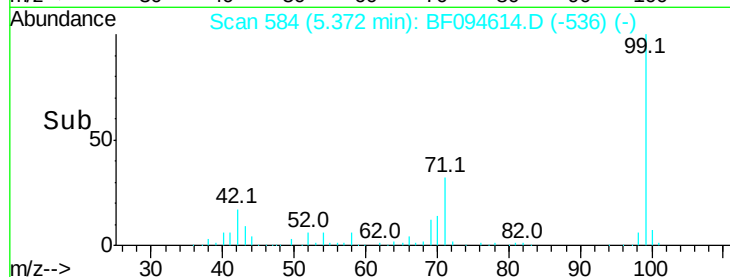
71 32.0 24.5 36.7



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: 2.48 ng

RT: 5.38 min Scan# 586

Delta R.T. -0.02 min

Lab File: BF094614.D

Acq: 25 Apr 2017 19:20

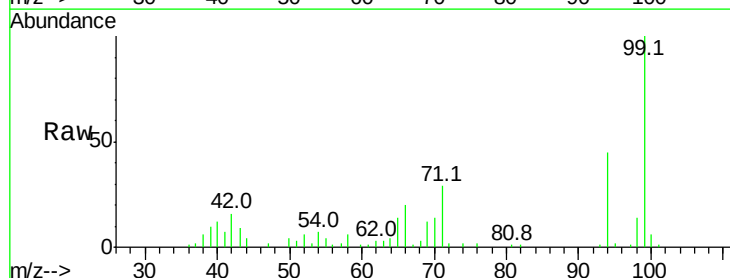
Tgt Ion: 94 Resp: 26401

Ion Ratio Lower Upper

94 100

65 30.4 9.9 49.9

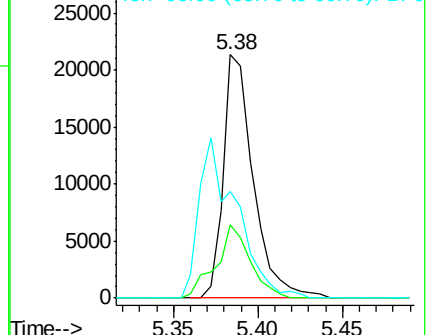
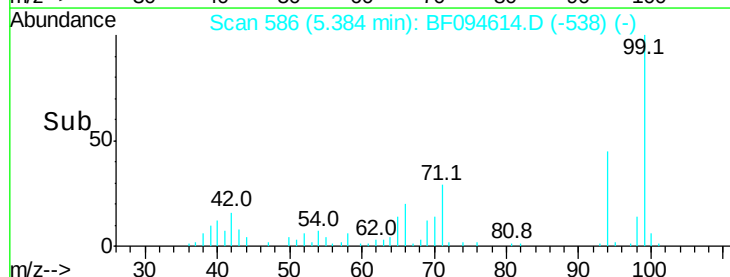
66 43.8 23.1 63.1

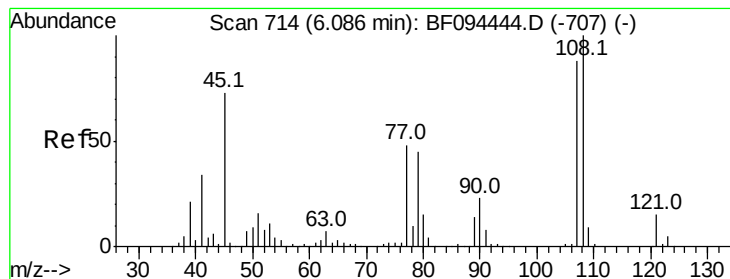


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#17

2-Methylphenol

Concen: 7.15 ng

RT: 6.07 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF094614.D

Acq: 25 Apr 2017 19:20

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH7

Tot Ion:107 Resp: 47146

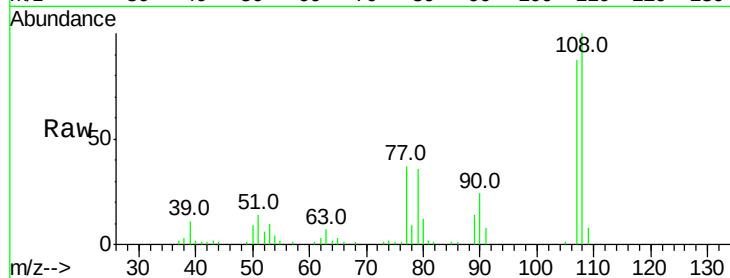
Ion Ratio Lower Upper

107 100

108 114.7 93.4 140.0

77 42.0 35.8 53.6

79 41.6 34.8 52.2

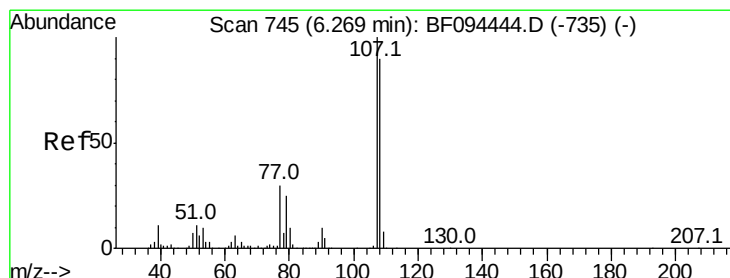
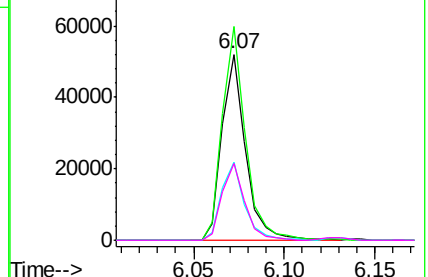
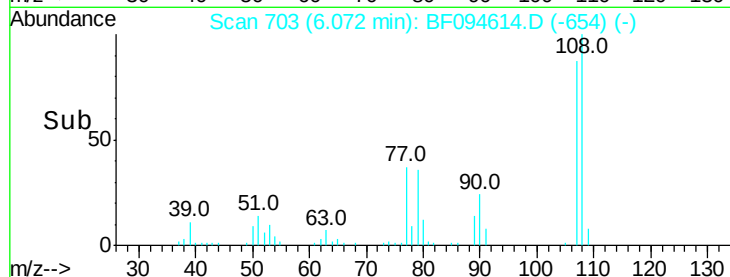


Abundance Ion 107.00 (106.70 to 107.70): E

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: 10.30 ng

RT: 6.26 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF094614.D

Acq: 25 Apr 2017 19:20

Tgt Ion:107 Resp: 92295

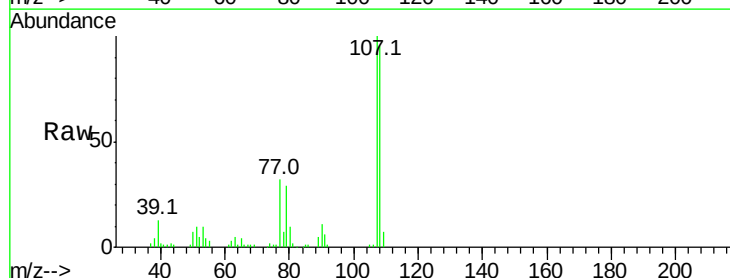
Ion Ratio Lower Upper

107 100

108 95.2 71.0 111.0

77 32.3 90.5 130.5#

79 29.4 8.4 48.4

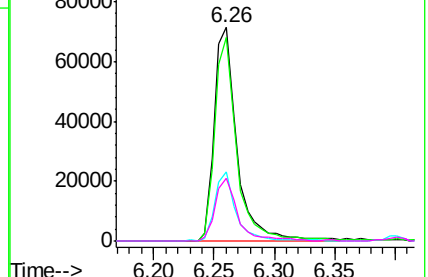
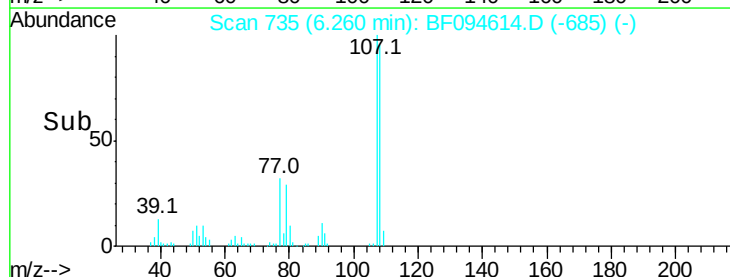


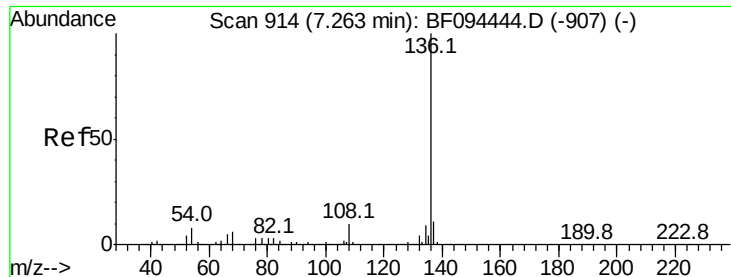
Abundance Ion 107.00 (106.70 to 107.70): E

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

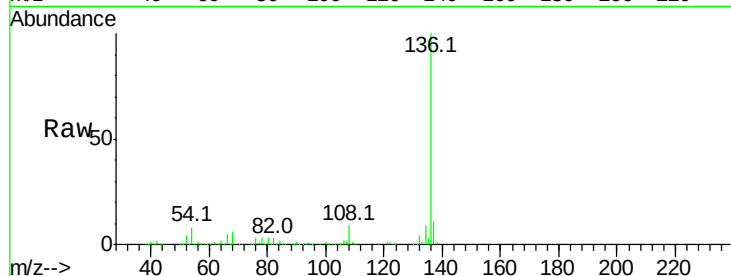




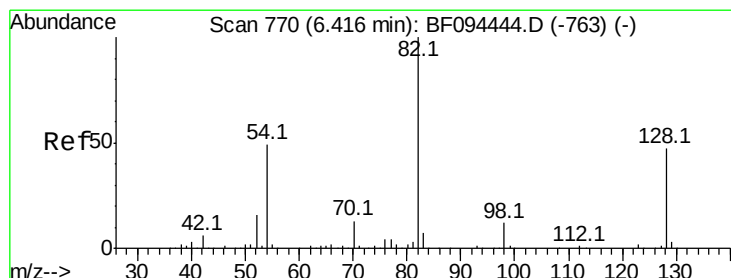
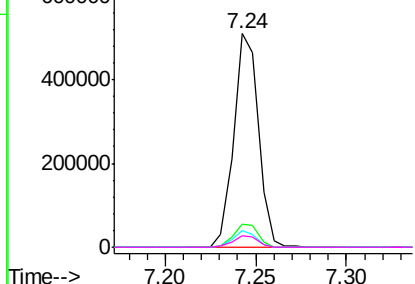
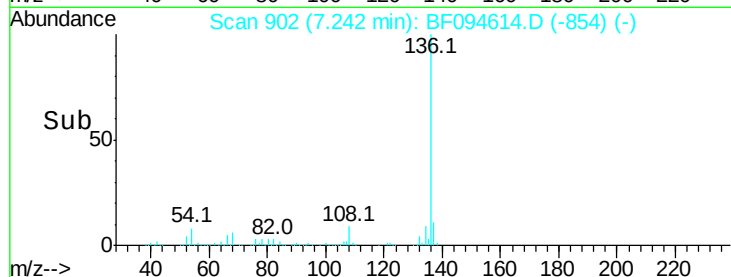
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.24 min Scan# 902
Delta R.T. -0.02 min
Lab File: BF094614.D
Acq: 25 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH7

Tot Ion:	136	Resp:	484574
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.7	4.9	7.3#
68	5.6	4.1	6.1

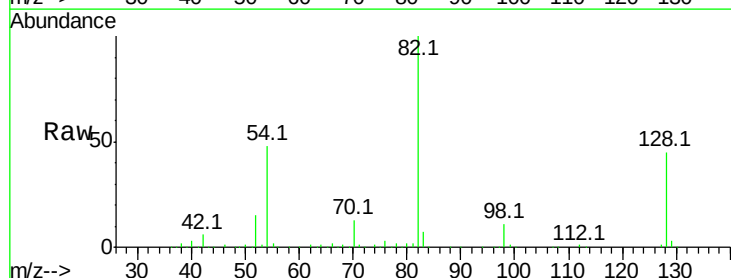


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

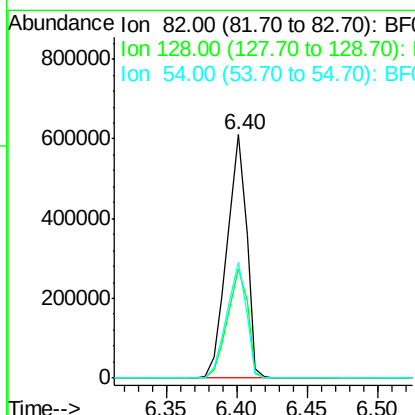
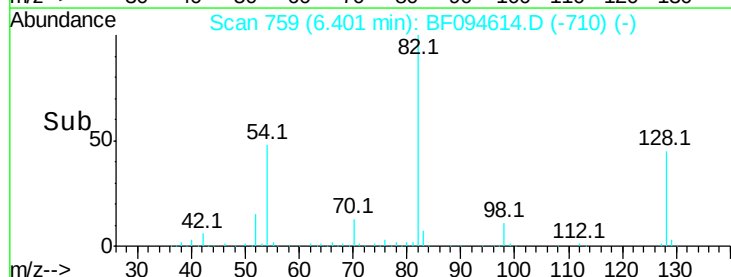


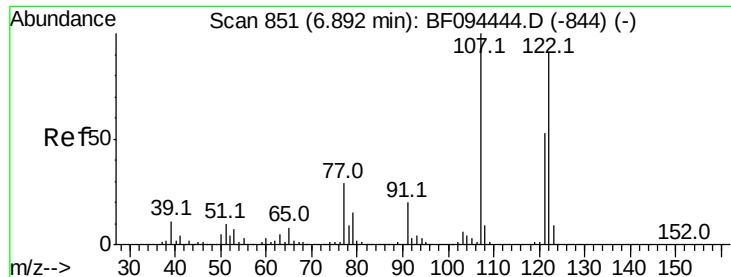
#23
Nitrobenzene-d5
Concen: 76.26 ng
RT: 6.40 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF094614.D
Acq: 25 Apr 2017 19:20

Tgt Ion:	82	Resp:	598485
Ion	Ratio	Lower	Upper
82	100		
128	45.1	34.0	51.0
54	47.6	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: 4.83 ng

RT: 6.89 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF094614.D

Acq: 25 Apr 2017 19:20

Instrument :

BNA_F

ClientSampleId :

E2-CONCRETE-BATCH7

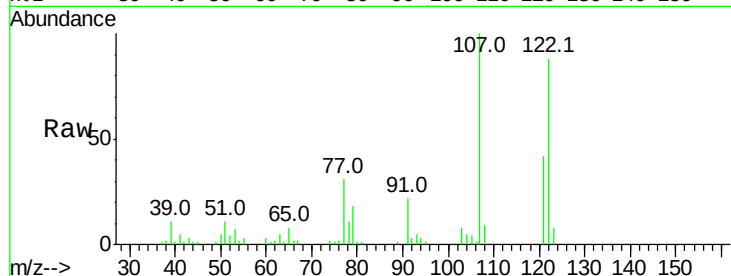
Tot Ion:122 Resp: 34805

Ion Ratio Lower Upper

122 100

107 113.4 89.2 133.8

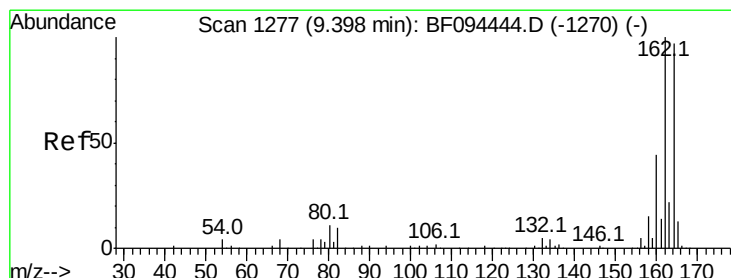
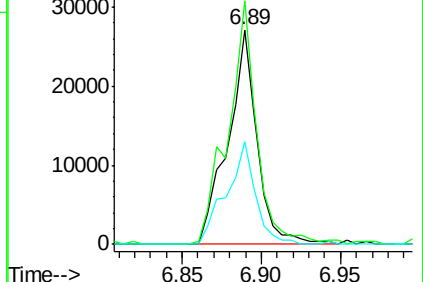
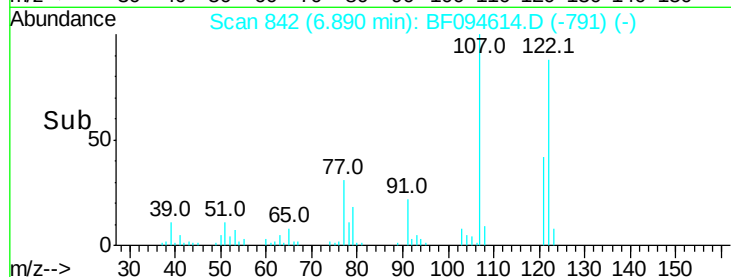
121 48.0 45.2 67.8



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: 9.38 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF094614.D

Acq: 25 Apr 2017 19:20

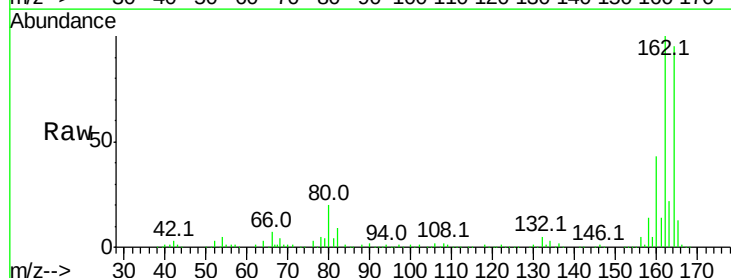
Tgt Ion:164 Resp: 205451

Ion Ratio Lower Upper

164 100

162 104.7 82.6 123.8

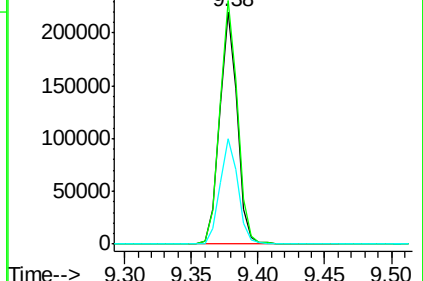
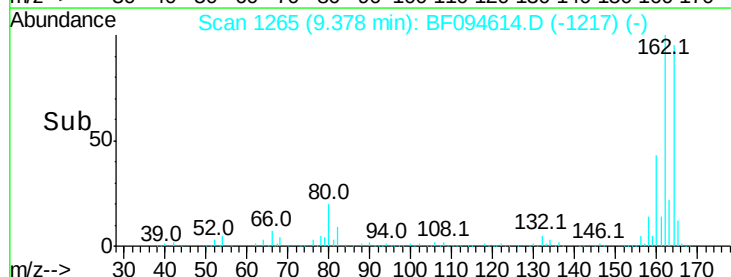
160 45.2 36.2 54.2

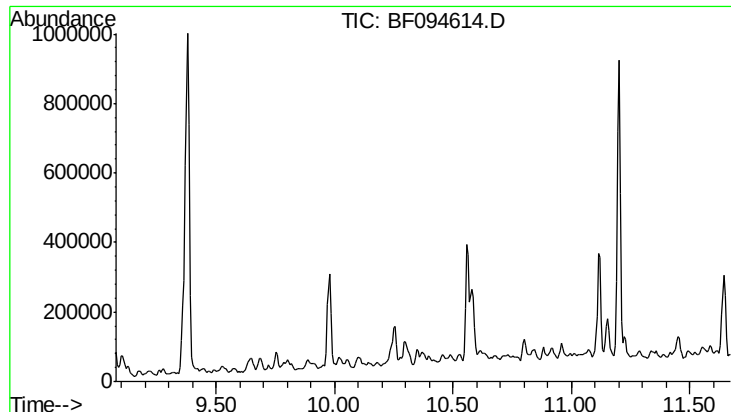


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

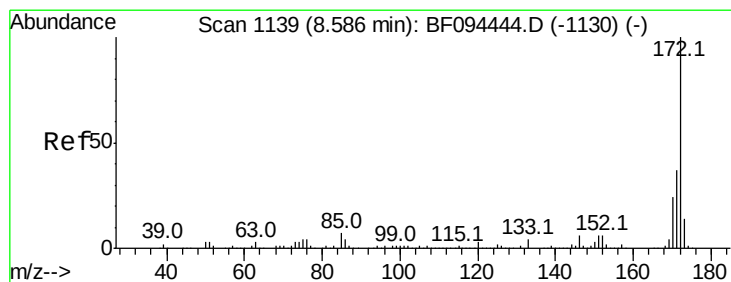
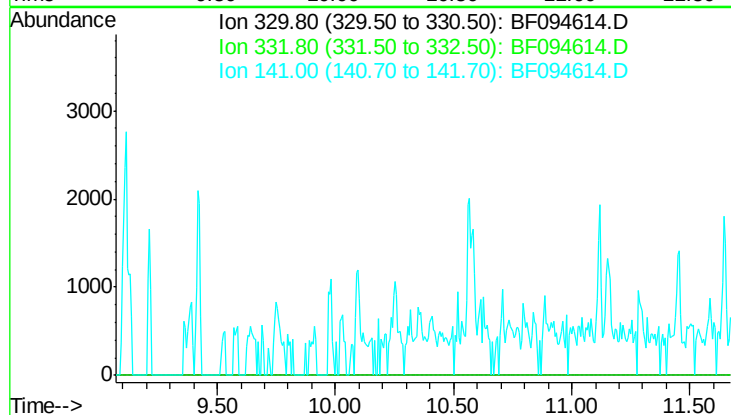




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.37 min
 Lab File: BF094614.D
 Acq: 25 Apr 2017 19:20

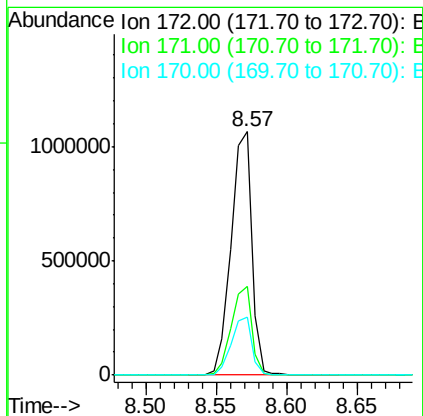
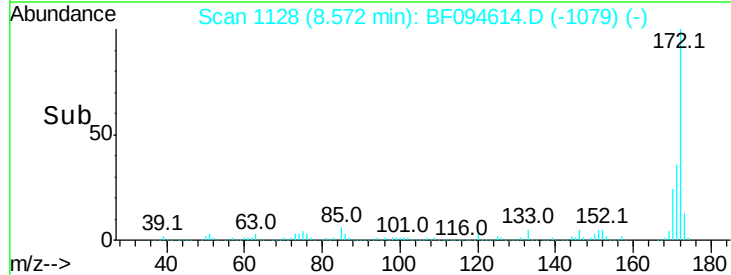
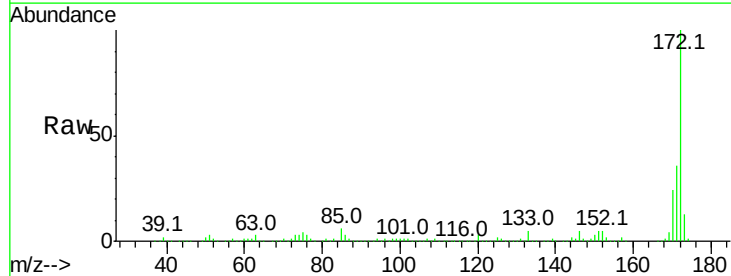
Instrument :
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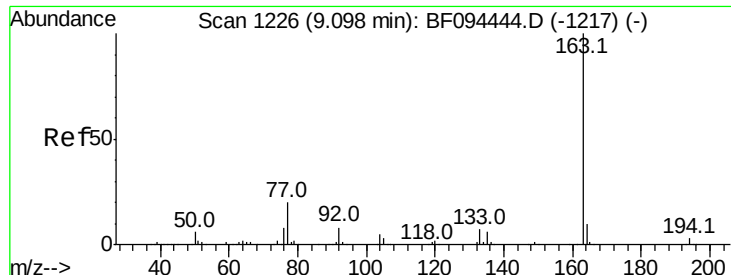
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3



#44
 2-Fluorobiphenyl
 Concen: 78.34 ng
 RT: 8.57 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BF094614.D
 Acq: 25 Apr 2017 19:20

Tgt Ion: 172 Resp: 1093883
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.7 19.8 29.8

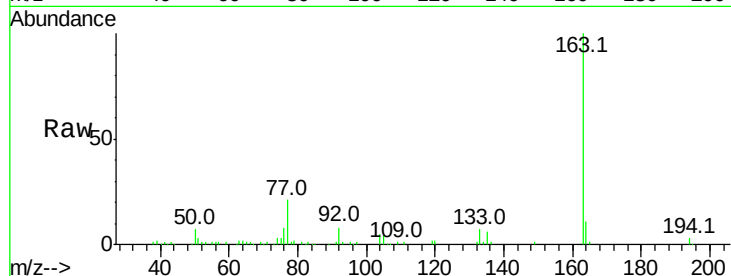




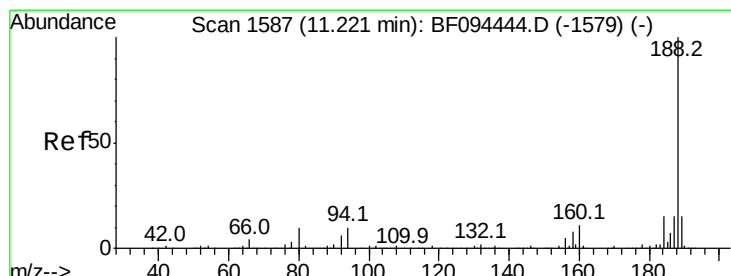
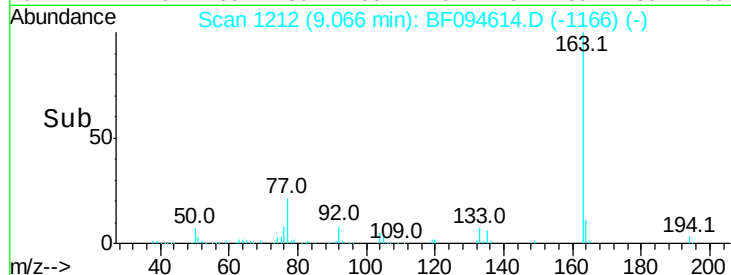
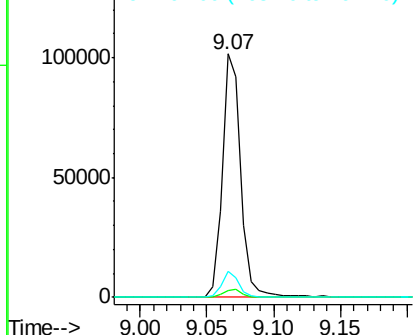
#49
Dimethylphthalate
Concen: 6.49 ng
RT: 9.07 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094614.D
Acq: 25 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH7

Tot Ion:163 Resp: 99401
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.6 8.4 12.6

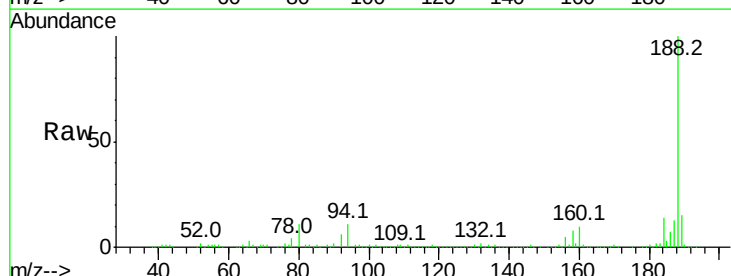


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

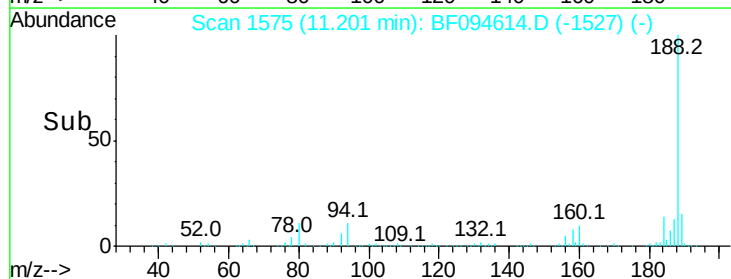
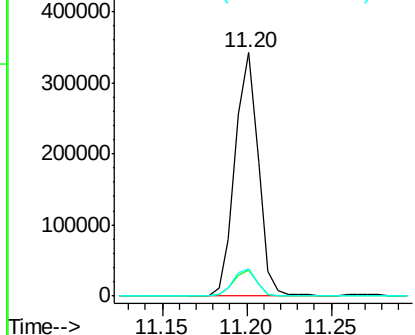


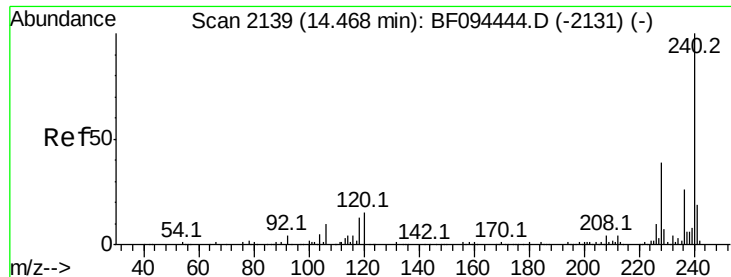
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF094614.D
Acq: 25 Apr 2017 19:20

Tgt Ion:188 Resp: 327875
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.1 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

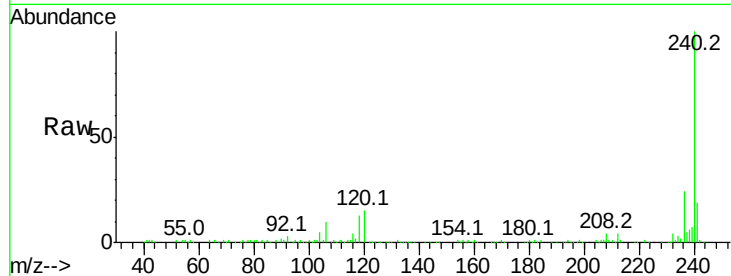




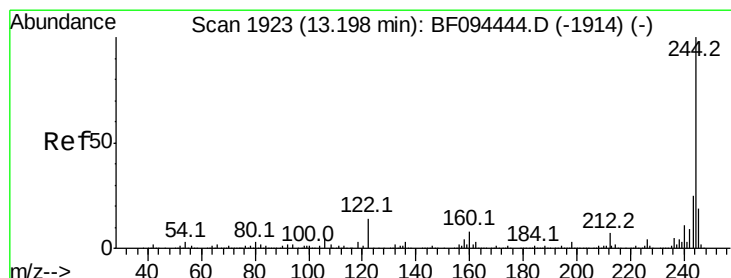
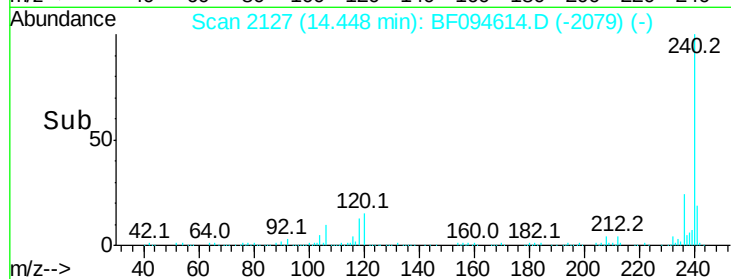
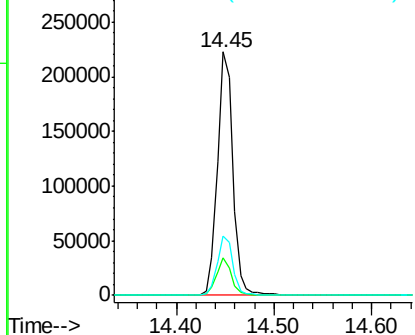
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.45 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BF094614.D
 Acq: 25 Apr 2017 19:20

Instrument :
 BNA_F
 ClientSampleId :
 E2-CONCRETE-BATCH7

Tot Ion:240 Resp: 246911
 Ion Ratio Lower Upper
 240 100
 120 15.5 5.8 8.8#
 236 24.2 20.5 30.7

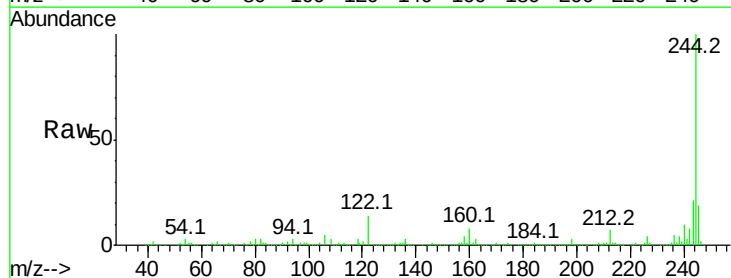


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

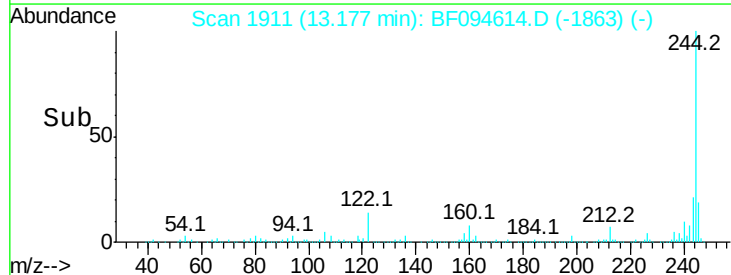
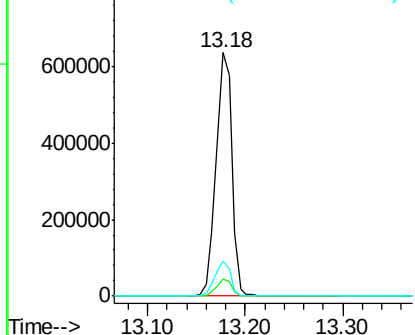


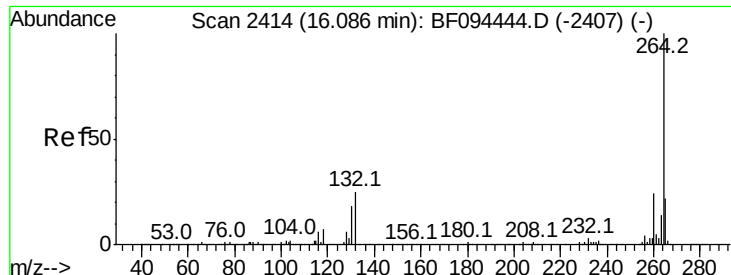
#78
 Terphenyl-d14
 Concen: 78.24 ng
 RT: 13.18 min Scan# 1911
 Delta R.T. -0.02 min
 Lab File: BF094614.D
 Acq: 25 Apr 2017 19:20

Tgt Ion:244 Resp: 722700
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.5 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
Pervlene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BF094614.D
Acq: 25 Apr 2017 19:20

Instrument :
BNA_F
ClientSampleId :
E2-CONCRETE-BATCH7

Tot Ion:	264	Resp:	228212
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	21.4	17.2	25.8

