

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091773.D
 Acq On : 19 Dec 2016 10:55
 Operator : UM/SJ
 Sample : H6085-05
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-PILE-COMP

Quant Time: Dec 19 12:07:08 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

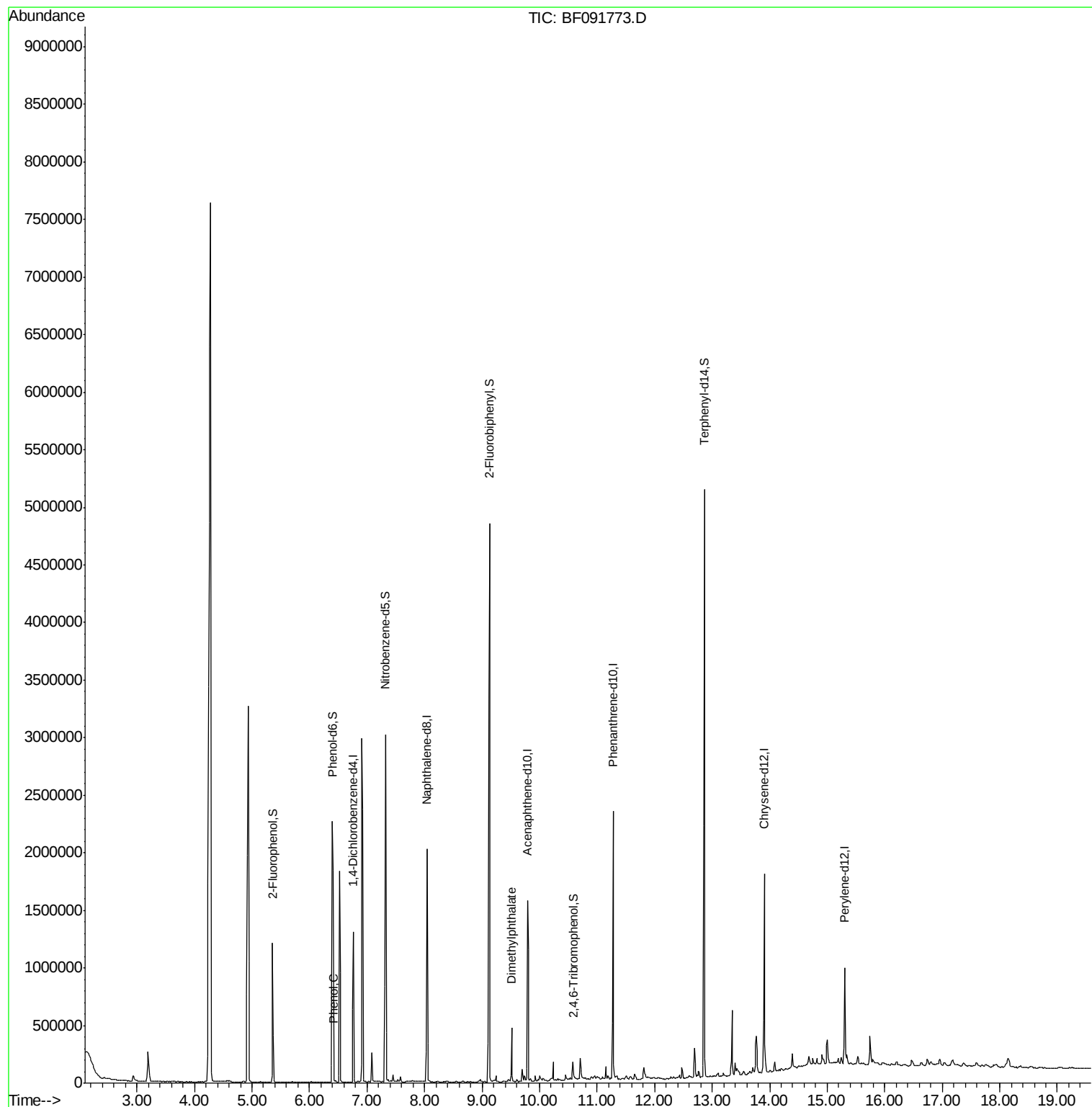
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	227288	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	887852	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	459242	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	805298	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	547360	20.00	ng	-0.02
86) Perylene-d12	15.30	264	454026	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	344568	25.40	ng	-0.01
7) Phenol-d6	6.40	99	1076419	65.06	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1045619	67.92	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	16467	4.23	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	2015818	88.18	ng	-0.01
78) Terphenyl-d14	12.87	244	1679554	77.48	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	44051	2.36	ng	Qvalue # 63
49) Dimethylphthalate	9.52	163	171346	5.71	ng	98

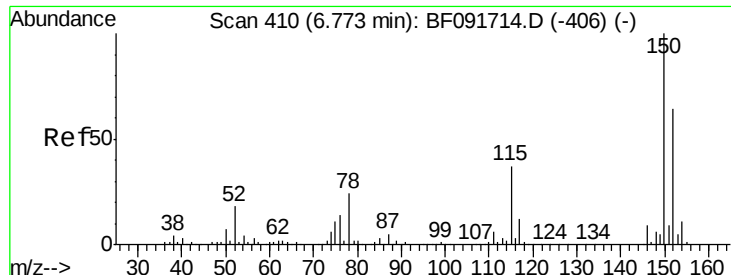
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091773.D

Acq: 19 Dec 2016 10:55

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE-COMP

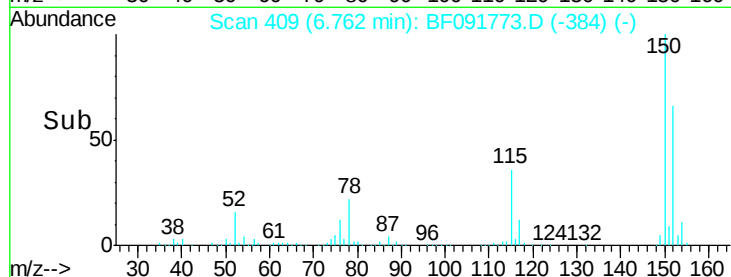
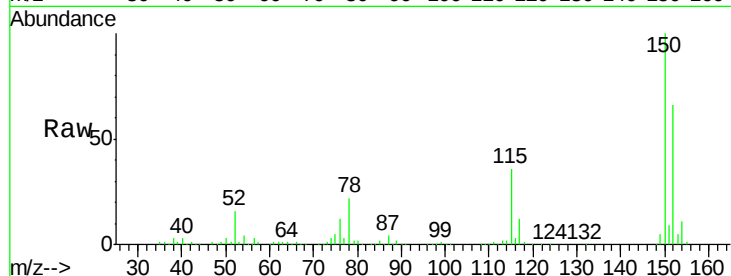
Tot Ion:152 Resp: 227288

Ion Ratio Lower Upper

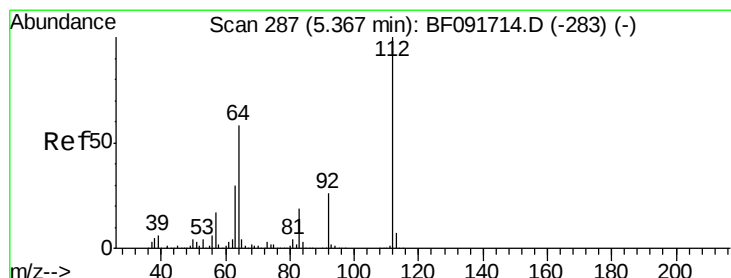
152 100

150 152.1 124.9 187.3

115 55.3 46.0 69.0



Time-->



#5

2-Fluorophenol

Concen: 25.40 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF091773.D

Acq: 19 Dec 2016 10:55

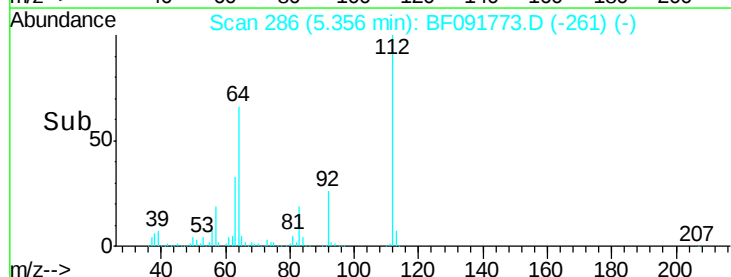
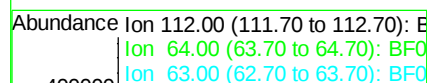
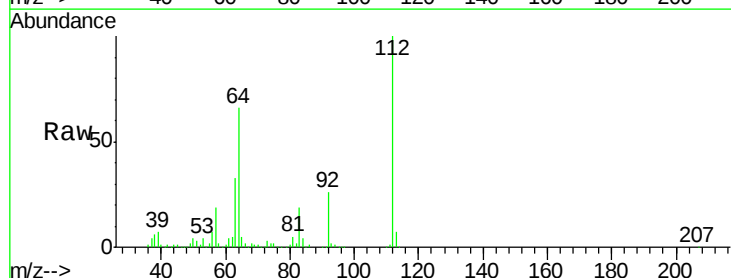
Tgt Ion:112 Resp: 344568

Ion Ratio Lower Upper

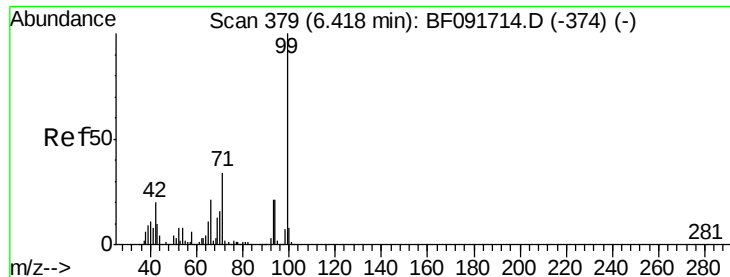
112 100

64 65.7 46.1 69.1

63 32.7 23.8 35.6



Time-->



#7

Phenol-d6

Concen: 65.06 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF091773.D

Acq: 19 Dec 2016 10:55

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE-COMP

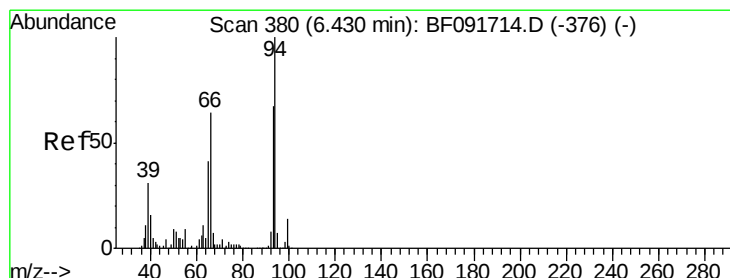
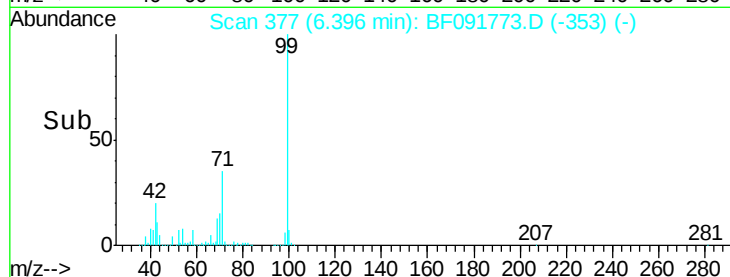
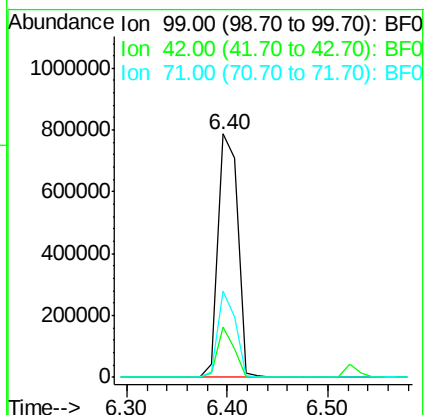
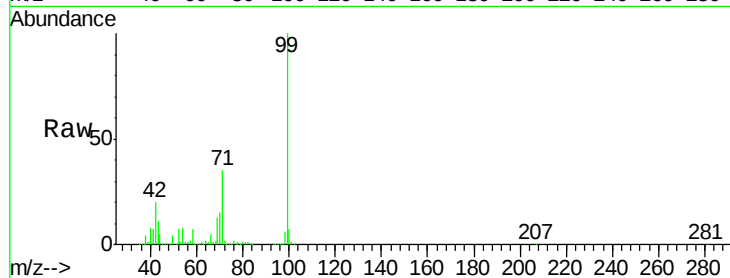
Tot Ion: 99 Resp: 1076419

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

71 35.2 27.5 41.3



#10

Phenol

Concen: 2.36 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF091773.D

Acq: 19 Dec 2016 10:55

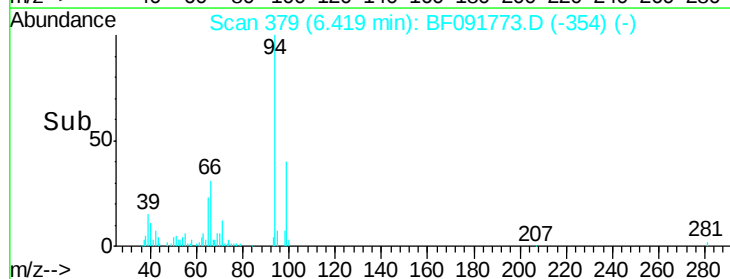
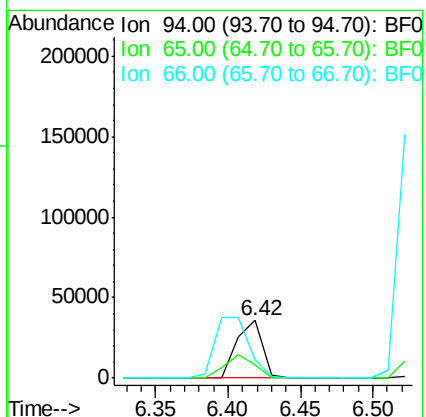
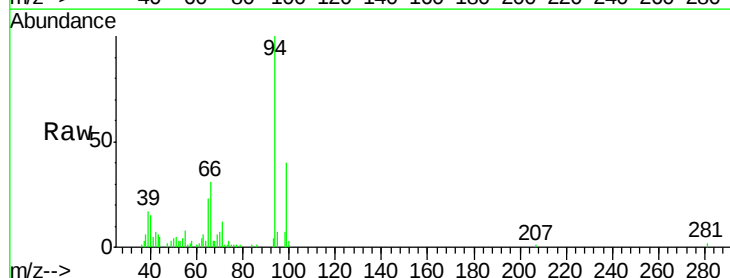
Tgt Ion: 94 Resp: 44051

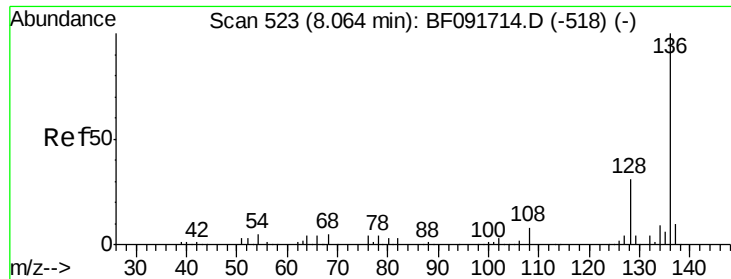
Ion Ratio Lower Upper

94 100

65 23.1 21.4 61.4

66 30.9 44.0 84.0#

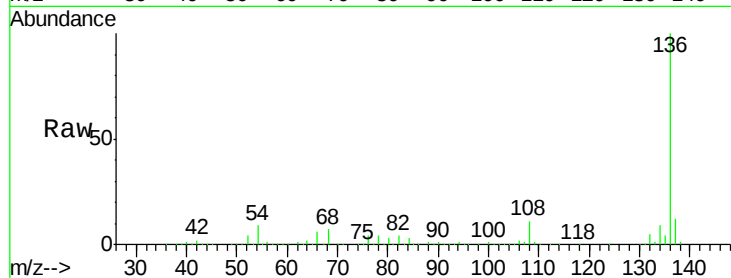




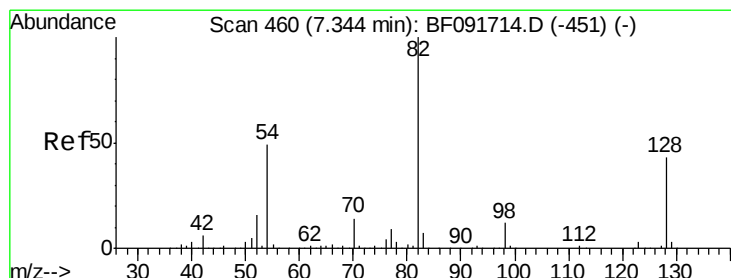
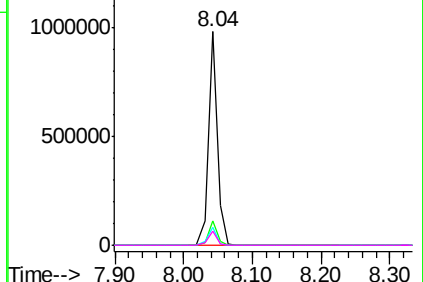
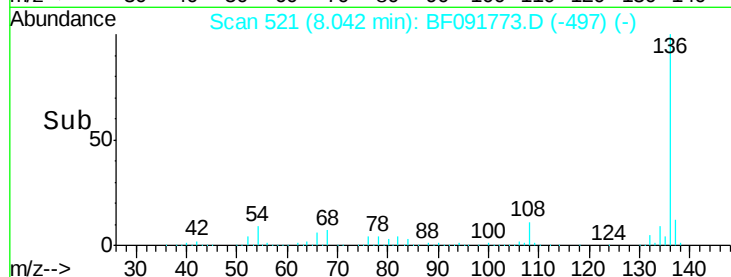
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091773.D
Acq: 19 Dec 2016 10:55

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE-COMP

Tot Ion:136	Resp:	887852
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.4 12.6
54	8.6	4.5 6.7#
68	6.7	3.6 5.4#

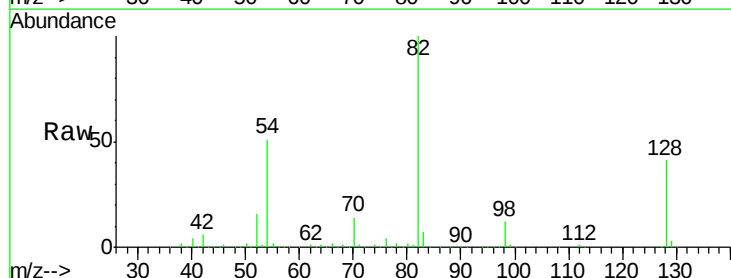


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

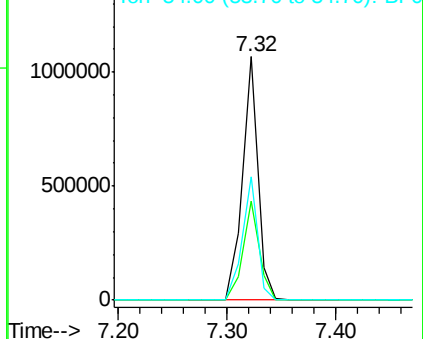
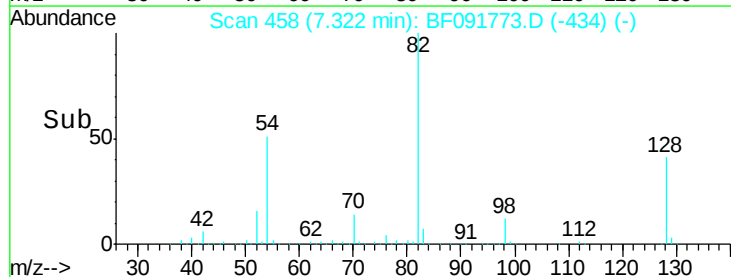


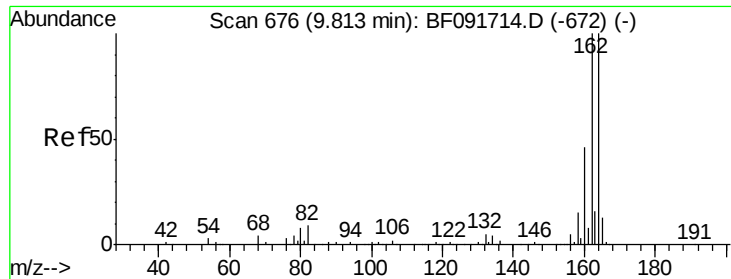
#23
Nitrobenzene-d5
Concen: 67.92 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091773.D
Acq: 19 Dec 2016 10:55

Tgt Ion: 82	Resp:	1045619
Ion Ratio	Lower	Upper
82	100	
128	40.9	34.6 52.0
54	50.5	39.5 59.3



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

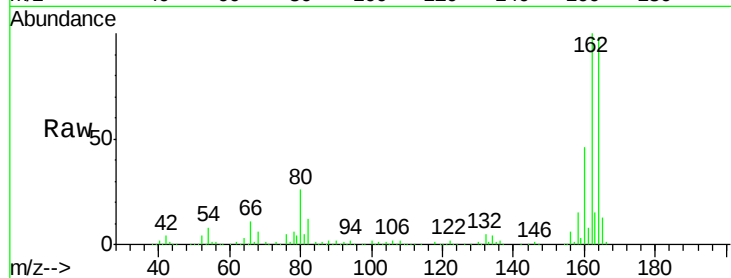




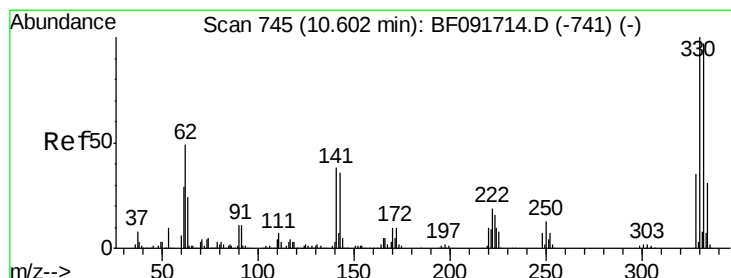
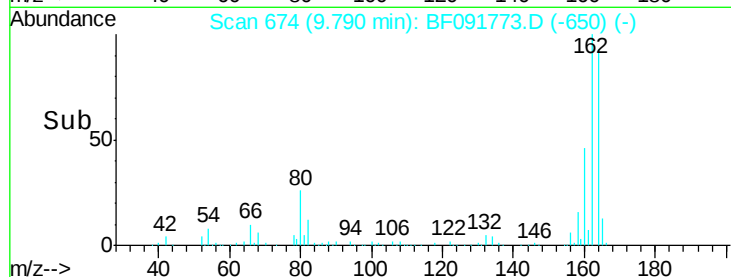
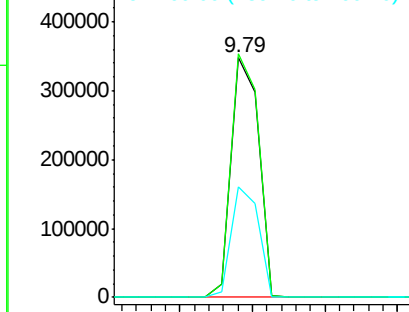
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091773.D
Acq: 19 Dec 2016 10:55

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE-COMP

Tot Ion:164 Resp: 459242
Ion Ratio Lower Upper
164 100
162 101.7 80.2 120.2
160 46.4 36.9 55.3

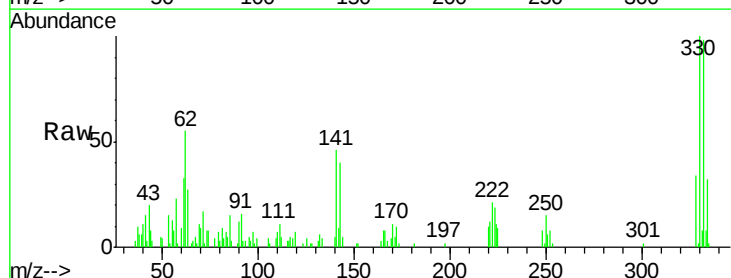


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

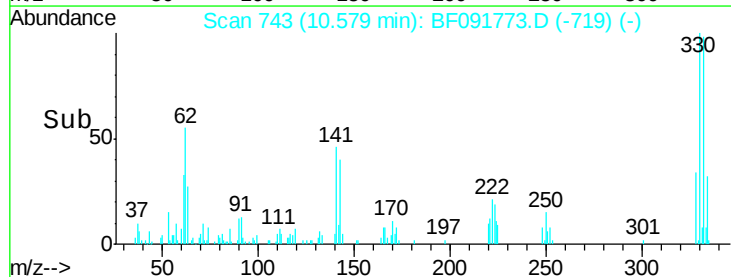
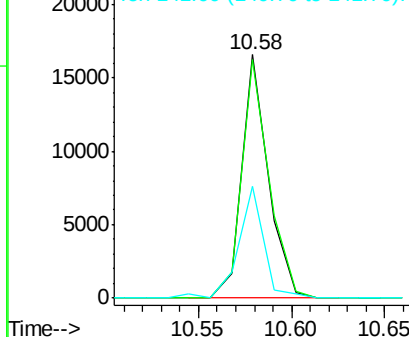


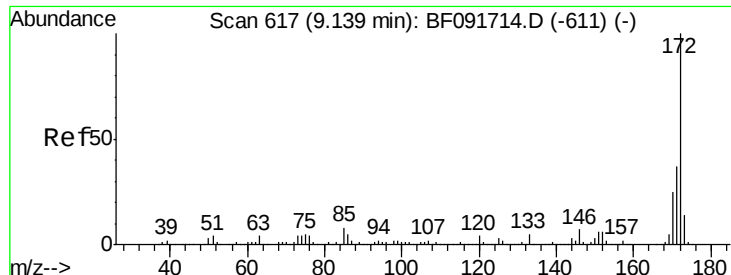
#41
2,4,6-Tribromophenol
Concen: 4.23 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.02 min
Lab File: BF091773.D
Acq: 19 Dec 2016 10:55

Tgt Ion:330 Resp: 16467
Ion Ratio Lower Upper
330 100
332 100.2 77.4 116.2
141 43.9 34.1 51.1



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

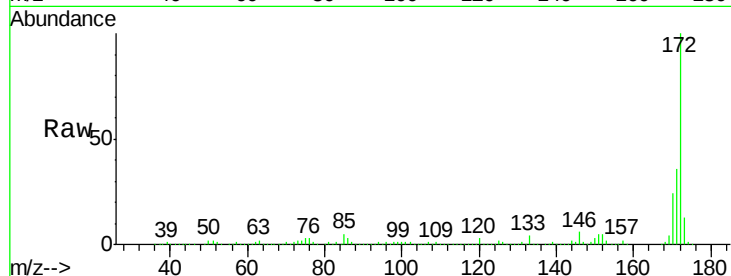




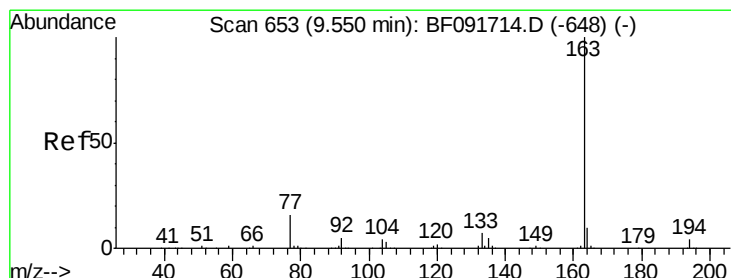
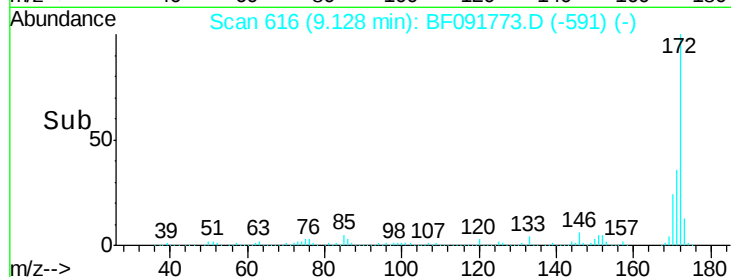
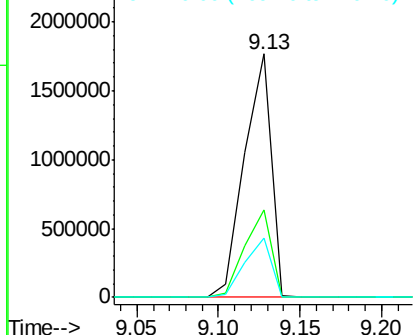
#44
2-Fluorobiphenyl
Concen: 88.18 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091773.D
Acq: 19 Dec 2016 10:55

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE-COMP

Tot Ion:172 Resp: 2015818
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 24.3 20.2 30.4

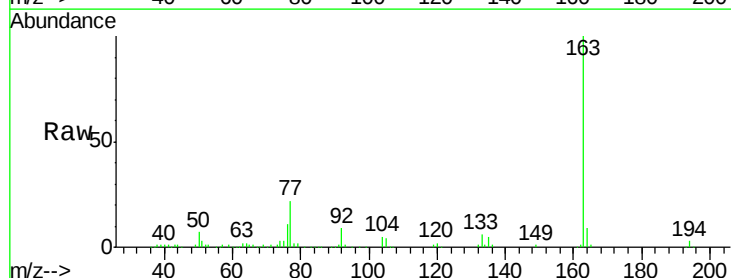


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

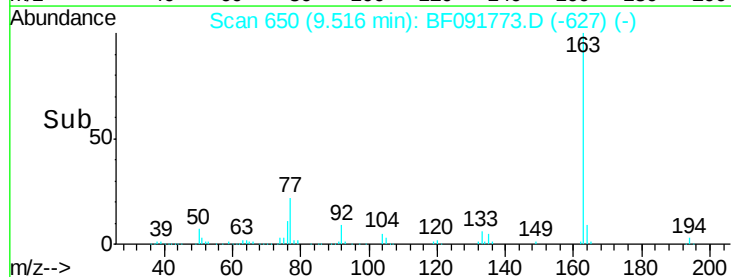
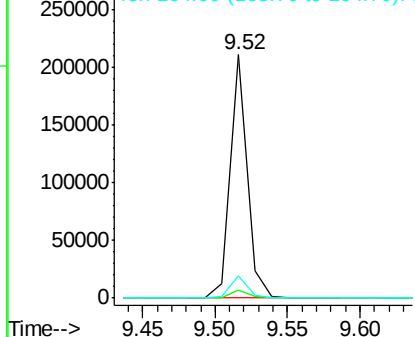


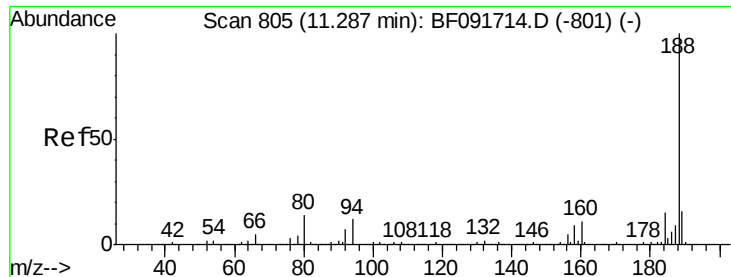
#49
Dimethylphthalate
Concen: 5.71 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091773.D
Acq: 19 Dec 2016 10:55

Tgt Ion:163 Resp: 171346
Ion Ratio Lower Upper
163 100
194 3.3 3.0 4.4
164 9.3 8.0 12.0



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

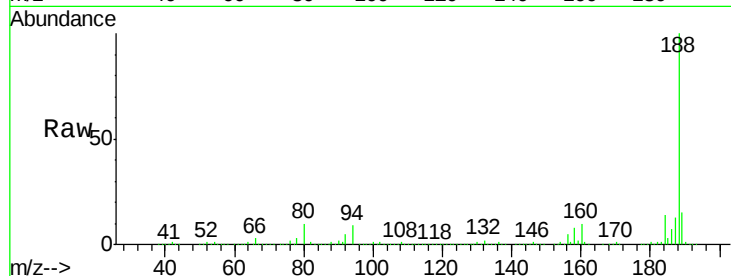




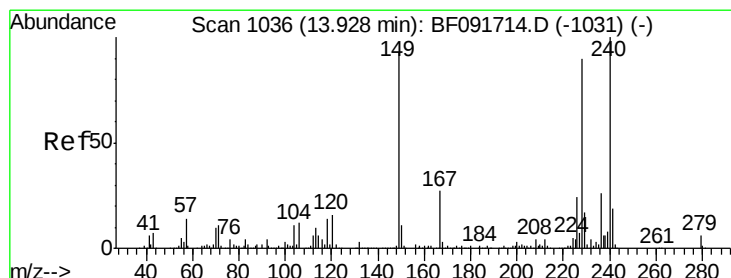
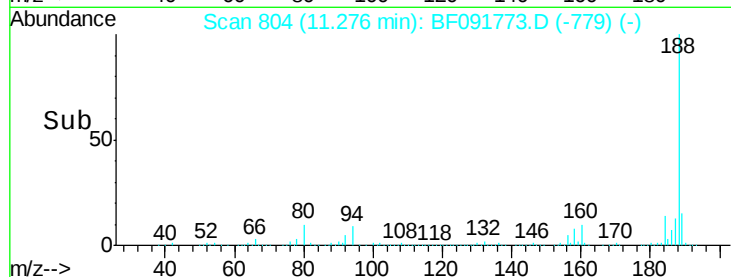
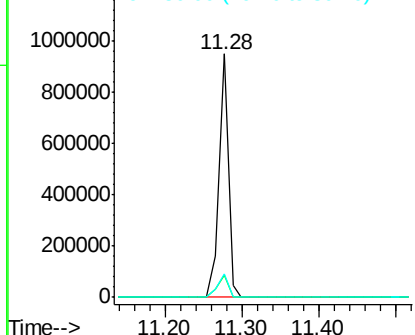
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091773.D
Acq: 19 Dec 2016 10:55

Instrument :
BNA_F
ClientSampleId :
CONCRETE-PILE-COMP

Tot Ion:188 Resp: 805298
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.7 11.2 16.8#

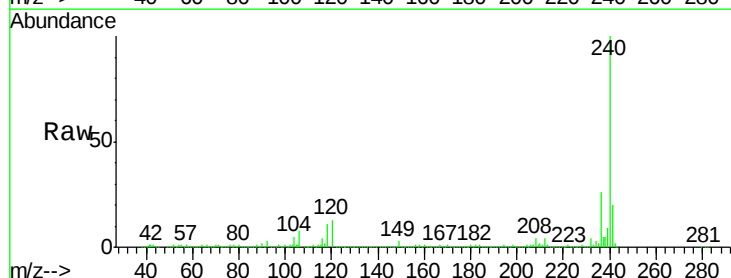


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

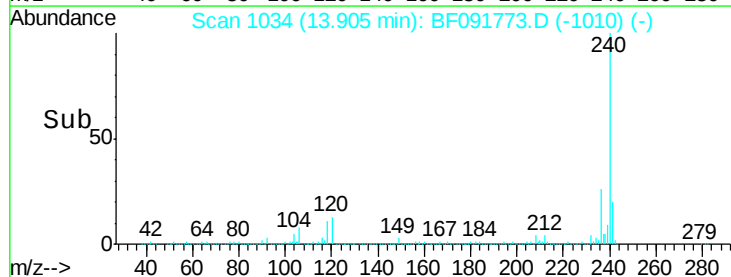
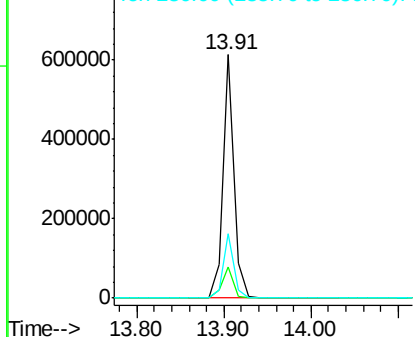


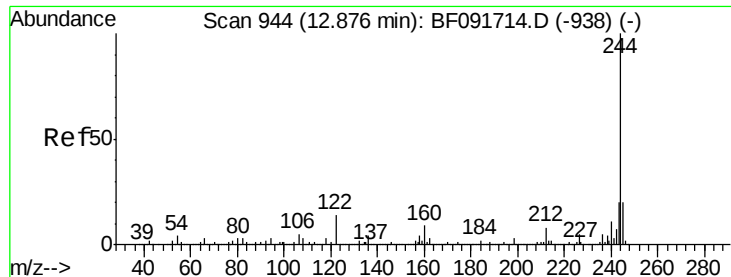
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091773.D
Acq: 19 Dec 2016 10:55

Tgt Ion:240 Resp: 547360
Ion Ratio Lower Upper
240 100
120 12.6 12.9 19.3#
236 26.4 20.9 31.3



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: 77.48 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF091773.D

Acq: 19 Dec 2016 10:55

Instrument :

BNA_F

ClientSampleId :

CONCRETE-PILE-COMP

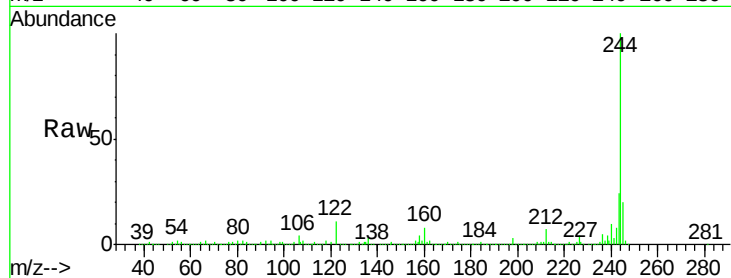
Tot Ion:244 Resp: 1679554

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

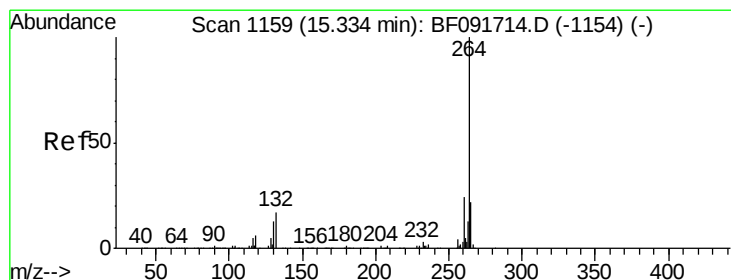
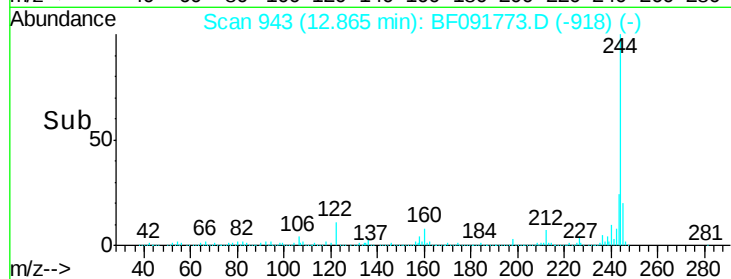
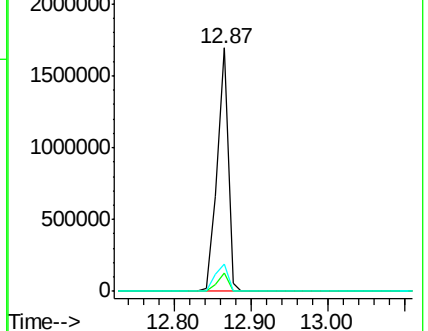
122 11.4 11.4 17.2#



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: 15.30 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF091773.D

Acq: 19 Dec 2016 10:55

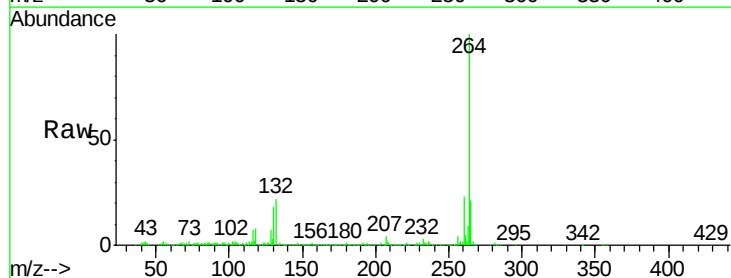
Tgt Ion:264 Resp: 454026

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.1 17.4 26.0



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

