

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097819.D
 Acq On : 18 Aug 2017 7:25
 Operator : SJ/JU
 Sample : I4794-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-FLOOR

Quant Time: Aug 18 08:04:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

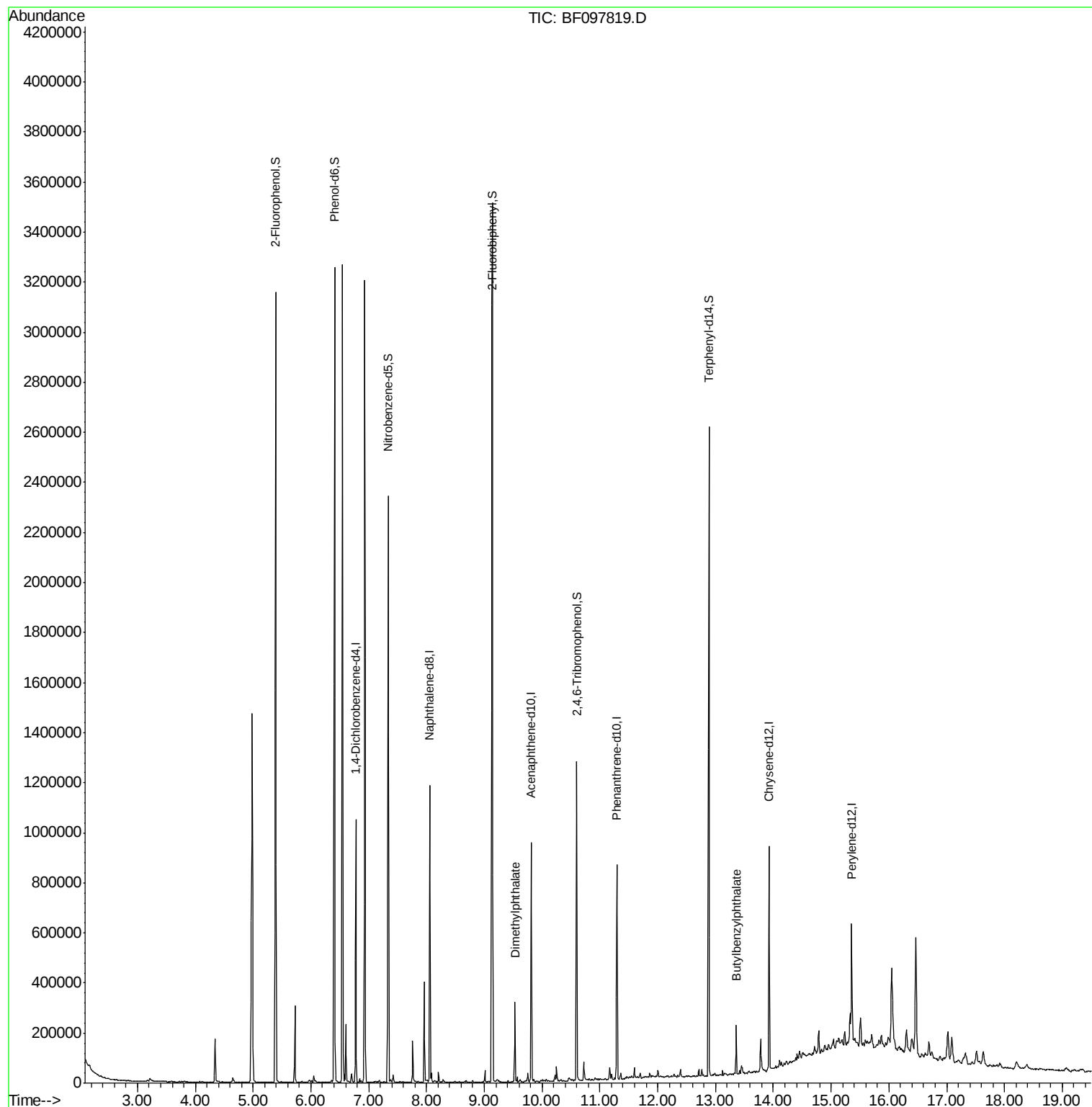
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	129317	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	471074	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	164121	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	278186	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	274578	20.00	ng	-0.01
86) Perylene-d12	15.36	264	198924	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	897748	105.60	ng	0.00
7) Phenol-d6	6.41	99	1276889	110.54	ng	0.00
23) Nitrobenzene-d5	7.34	82	848392	97.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	127430	89.49	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1096046	98.12	ng	0.00
78) Terphenyl-d14	12.89	244	837304	63.59	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	103242	8.606	ng	99
79) Butylbenzylphthalate	13.36	149	37464	4.351	ng	# 62

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

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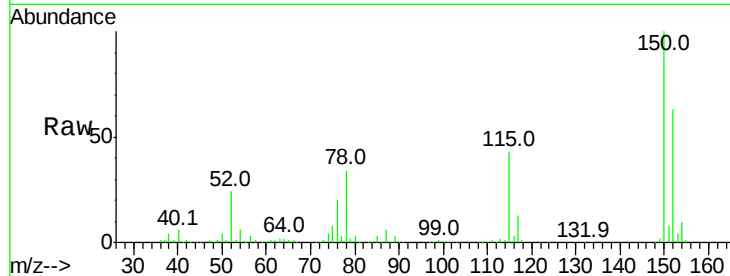


#1

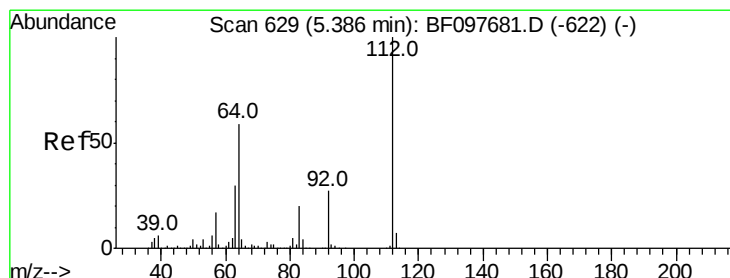
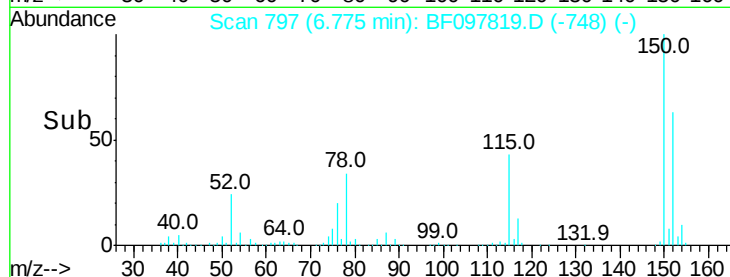
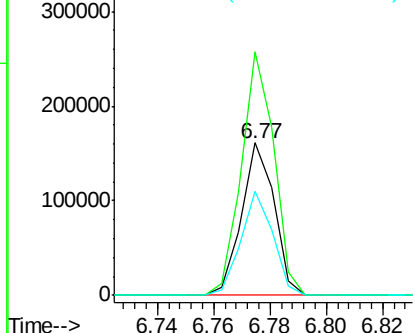
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097819.D
Acq: 18 Aug 2017 7:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-FLOOR

Tot Ion:152 Resp: 129317
Ion Ratio Lower Upper
152 100
150 159.8 126.2 189.2
115 68.5 52.2 78.2



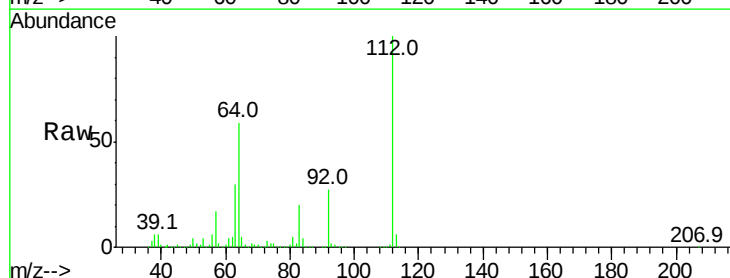
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



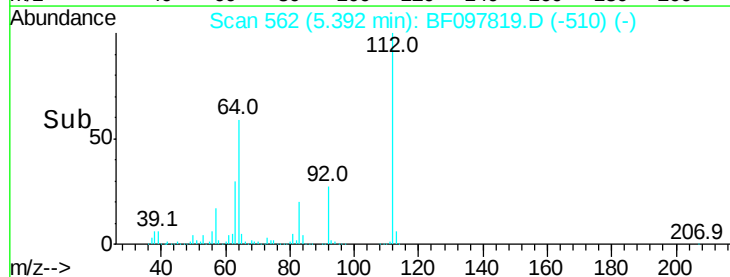
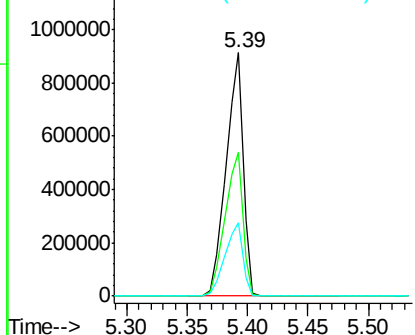
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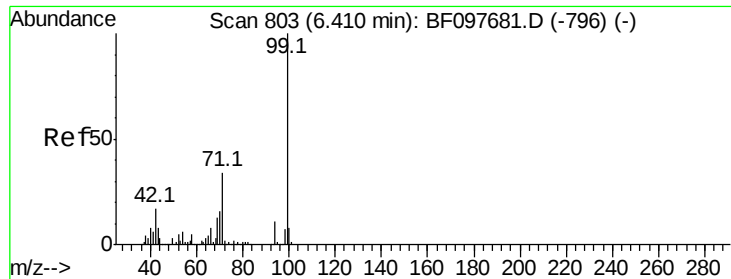
2-Fluorophenol
Concen: 105.596 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097819.D
Acq: 18 Aug 2017 7:25

Tgt Ion:112 Resp: 897748
Ion Ratio Lower Upper
112 100
64 58.9 46.0 69.0
63 30.3 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: 110.540 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097819.D

Acq: 18 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

CONCRETE-FLOOR

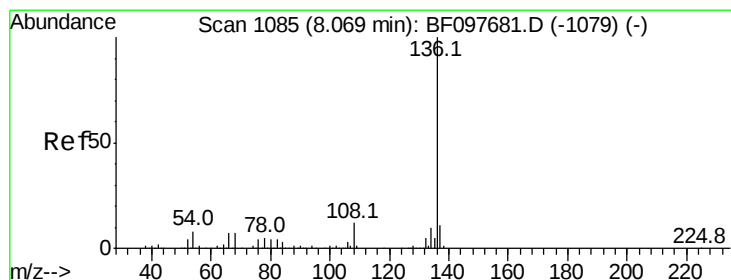
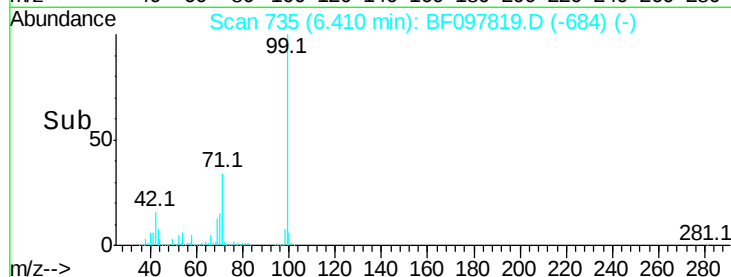
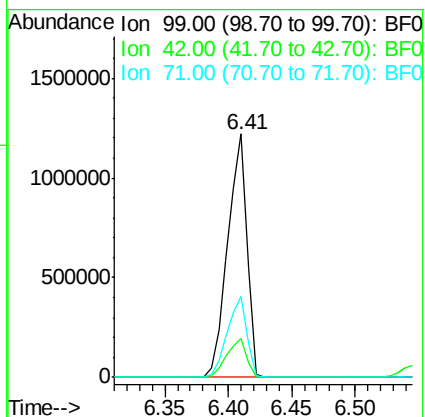
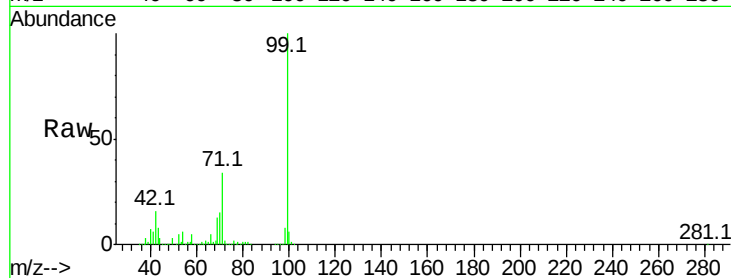
Tot Ion: 99 Resp: 1276889

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

71 33.5 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097819.D

Acq: 18 Aug 2017 7:25

Tgt Ion: 136 Resp: 471074

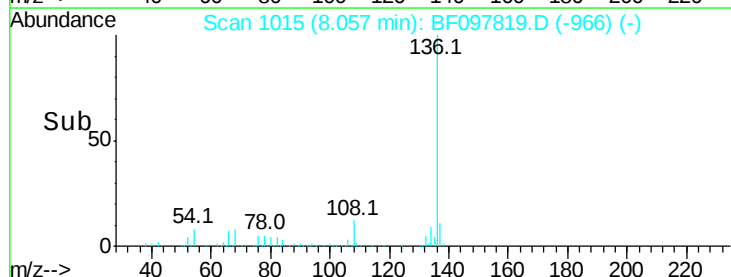
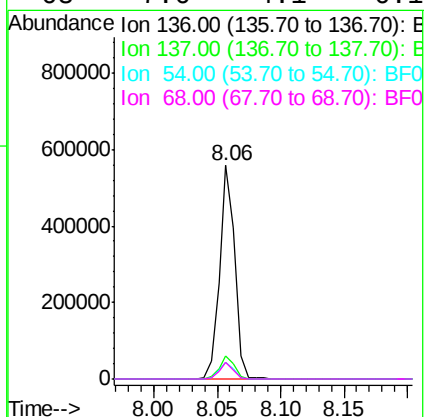
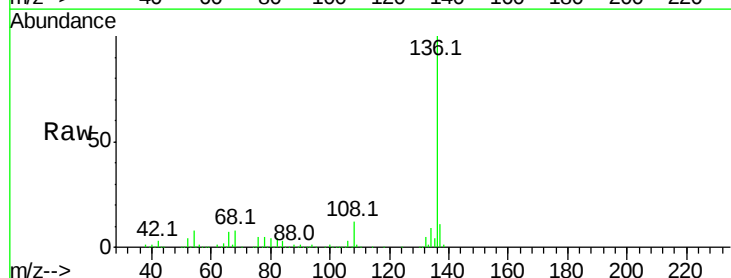
Ion Ratio Lower Upper

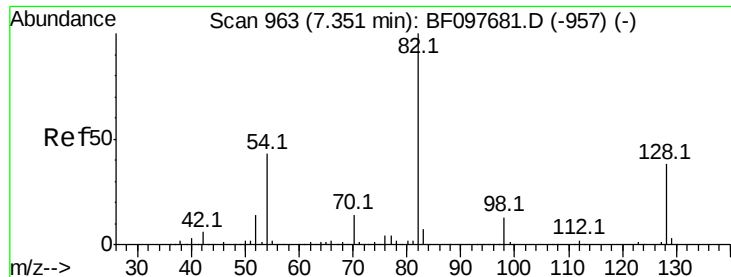
136 100

137 11.0 8.5 12.7

54 7.8 4.9 7.3#

68 7.6 4.1 6.1#

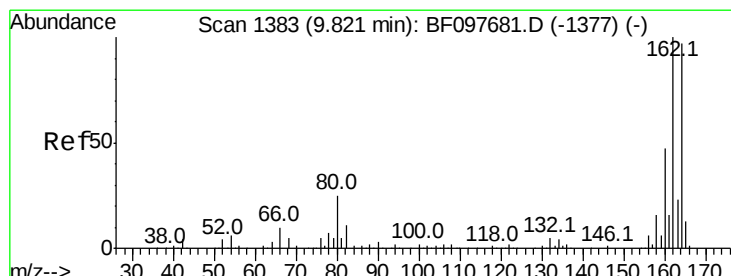
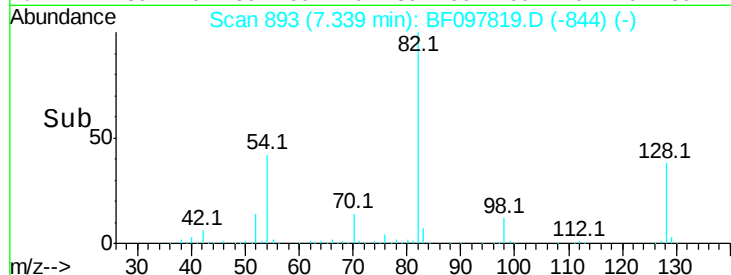
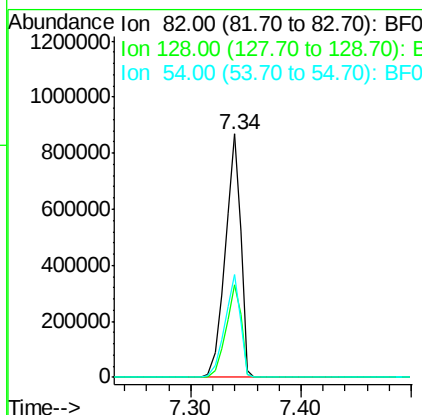
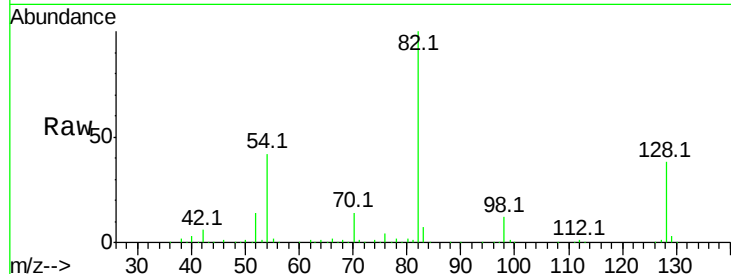




#23
 Nitrobenzene-d5
 Concen: 97.837 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF097819.D
 Acq: 18 Aug 2017 7:25

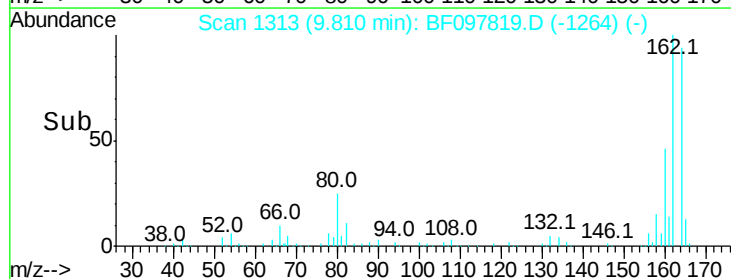
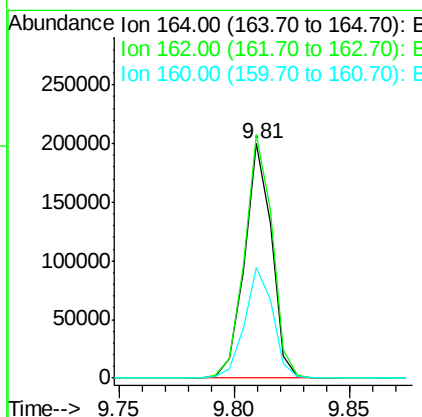
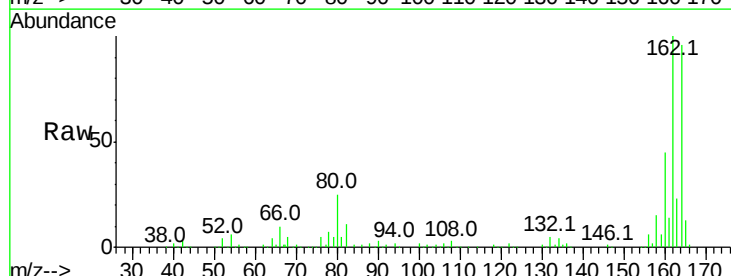
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-FLOOR

Tot Ion	82	Resp	848392
Ion Ratio	100	Lower	Upper
128	38.0	34.0	51.0
54	42.1	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF097819.D
 Acq: 18 Aug 2017 7:25

Tgt Ion	164	Resp	164121
Ion Ratio	100	Lower	Upper
162	103.8	82.6	123.8
160	47.1	36.2	54.2

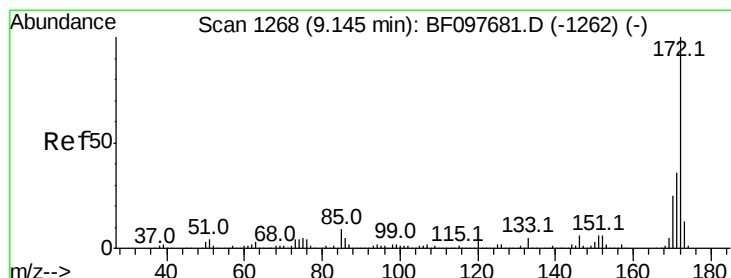
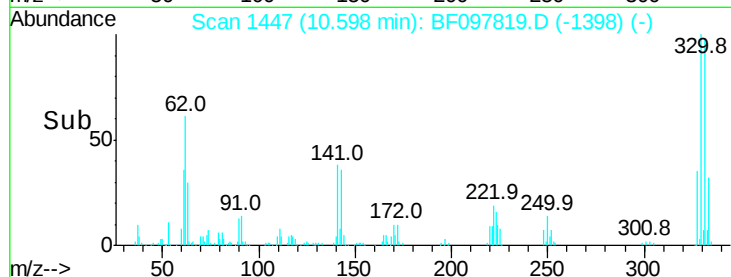
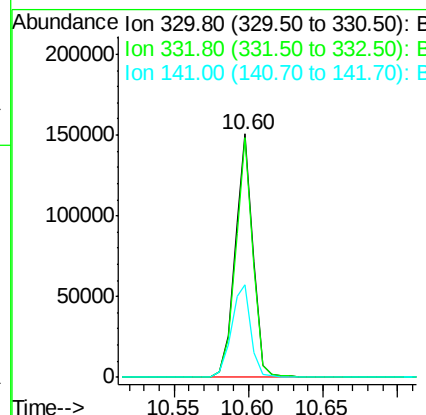
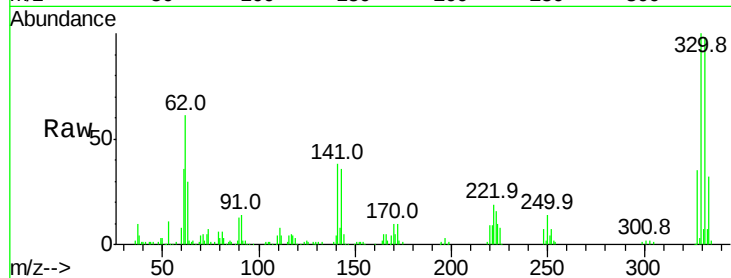




#41
 2,4,6-Tribromophenol
 Concen: 89.486 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097819.D
 Acq: 18 Aug 2017 7:25

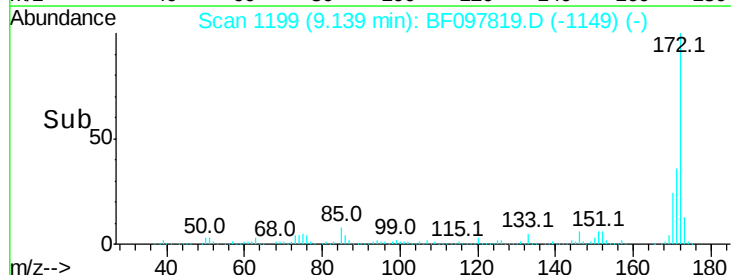
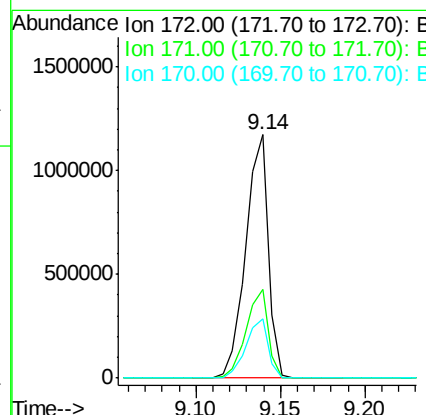
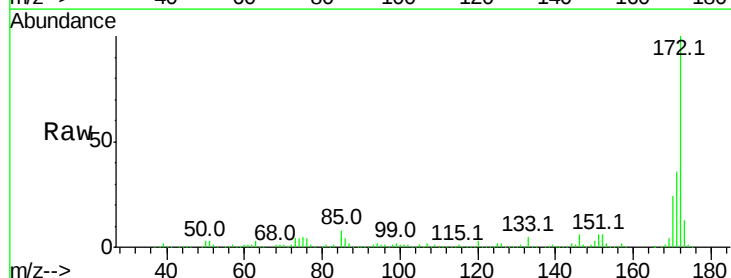
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-FLOOR

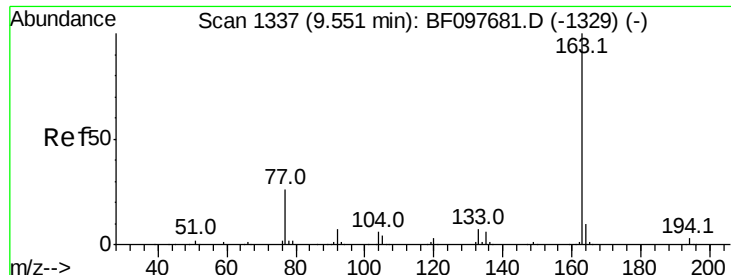
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	41.7	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 98.118 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097819.D
 Acq: 18 Aug 2017 7:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	19.8	29.8

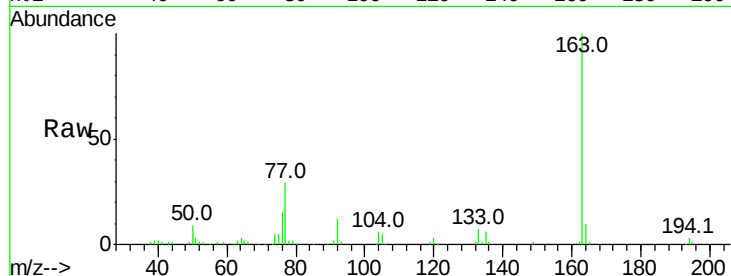




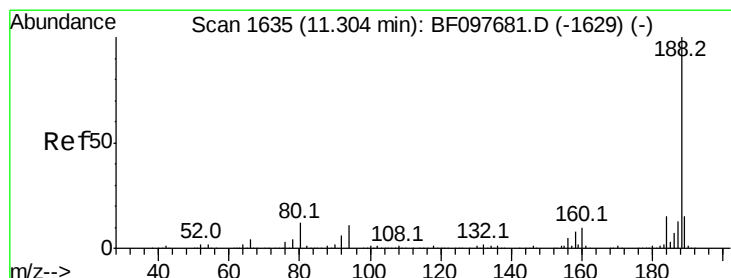
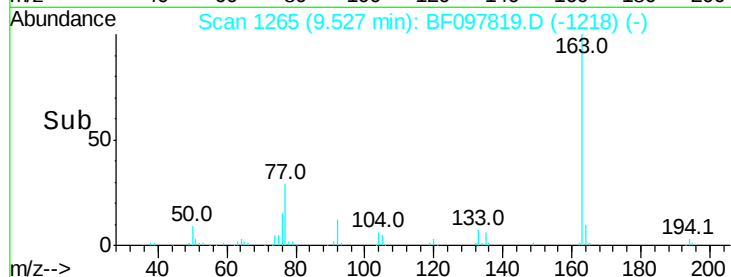
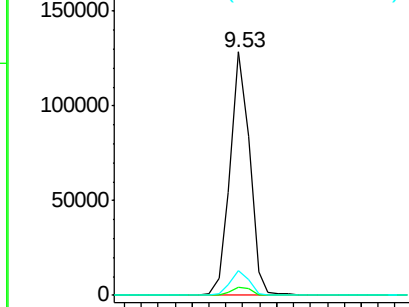
#49
Dimethylphthalate
Concen: 8.606 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097819.D
Acq: 18 Aug 2017 7:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-FLOOR

Tot Ion:163 Resp: 103242
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.1 8.4 12.6

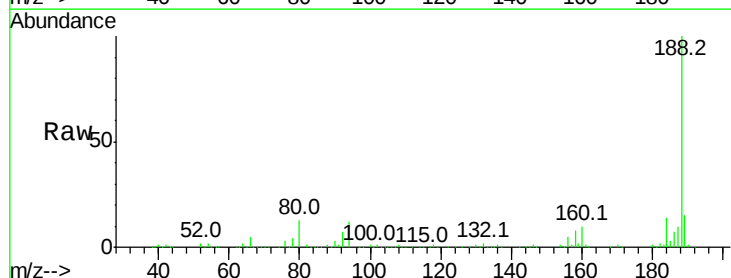


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

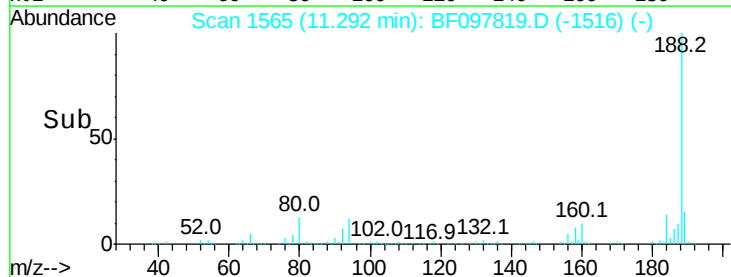
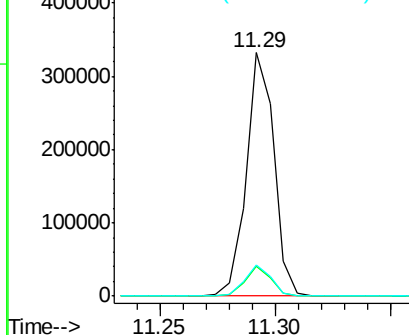


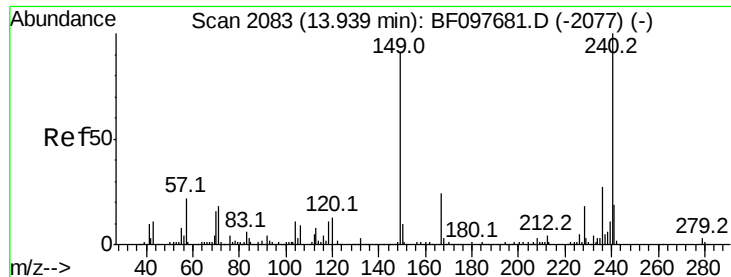
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097819.D
Acq: 18 Aug 2017 7:25

Tgt Ion:188 Resp: 278186
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 13.0 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: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097819.D

Acq: 18 Aug 2017 7:25

Instrument :

BNA_F

ClientSampleId :

CONCRETE-FLOOR

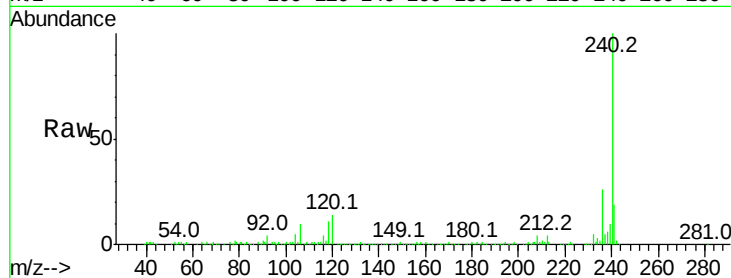
Tot Ion:240 Resp: 274578

Ion Ratio Lower Upper

240 100

120 13.7 5.8 8.8#

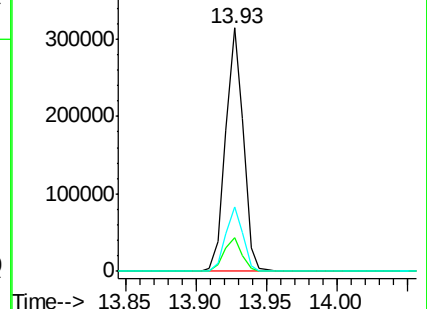
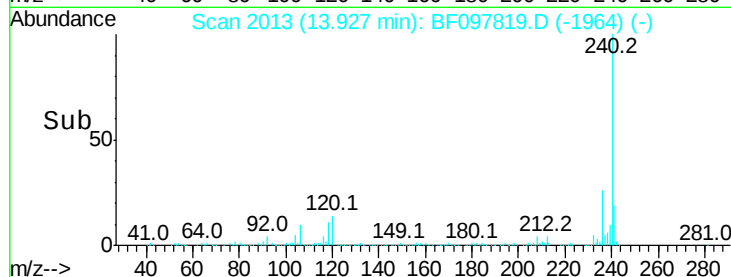
236 26.4 20.5 30.7



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: 63.591 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097819.D

Acq: 18 Aug 2017 7:25

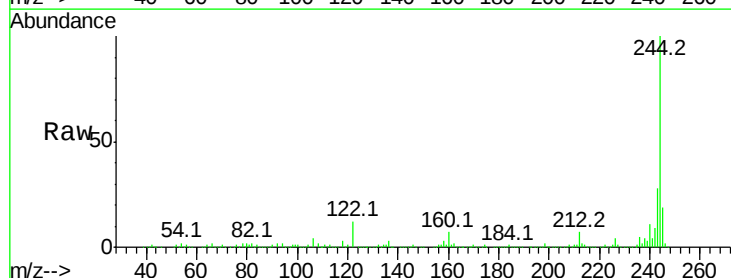
Tgt Ion:244 Resp: 837304

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

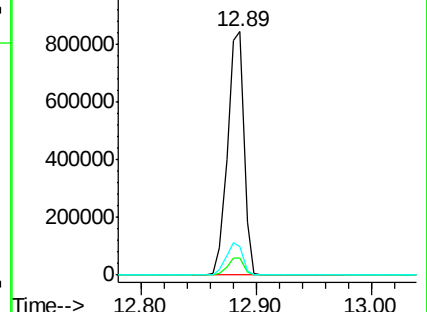
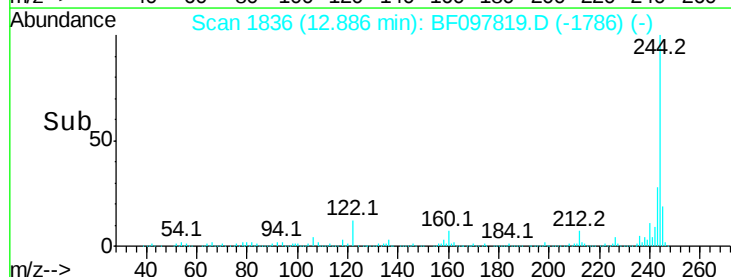
122 11.9 10.3 15.5

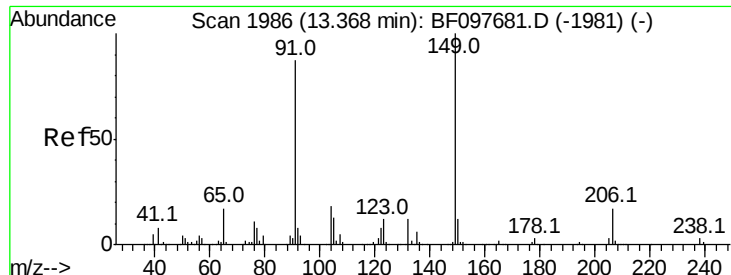


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

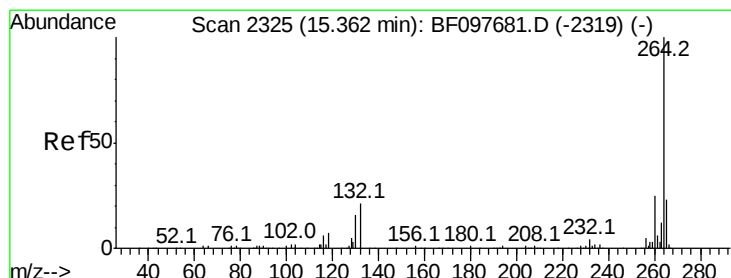
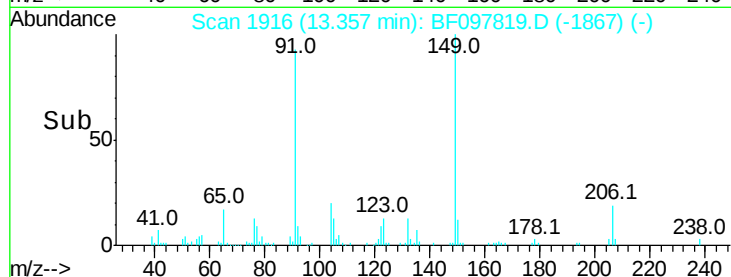
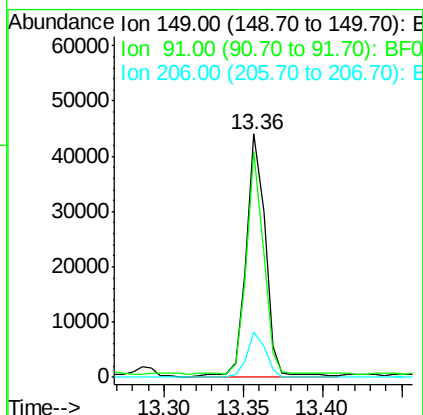
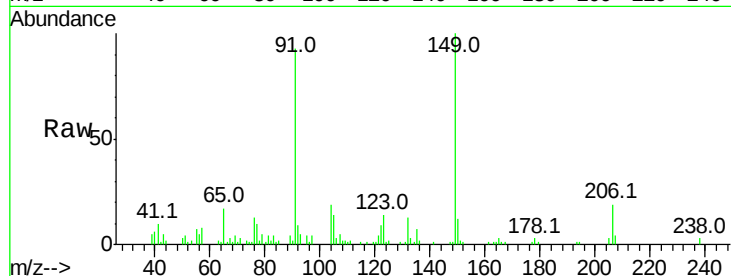




#79
Butylbenzylphthalate
Concen: 4.351 ng
RT: 13.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BF097819.D
Acq: 18 Aug 2017 7:25

Instrument :
BNA_F
ClientSampleId :
CONCRETE-FLOOR

Tot Ion:149 Resp: 37464
Ion Ratio Lower Upper
149 100
91 92.8 45.0 67.4#
206 18.8 17.0 25.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097819.D
Acq: 18 Aug 2017 7:25

Tgt Ion:264 Resp: 198924
Ion Ratio Lower Upper
264 100
260 22.4 19.5 29.3
265 20.7 17.2 25.8

