

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097124.D
 Acq On : 27 Jul 2017 16:01
 Operator : SJ/JU
 Sample : I4359-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1-(0-2)

Quant Time: Jul 27 16:39:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 27 16:02:47 2017
 Response via : Initial Calibration

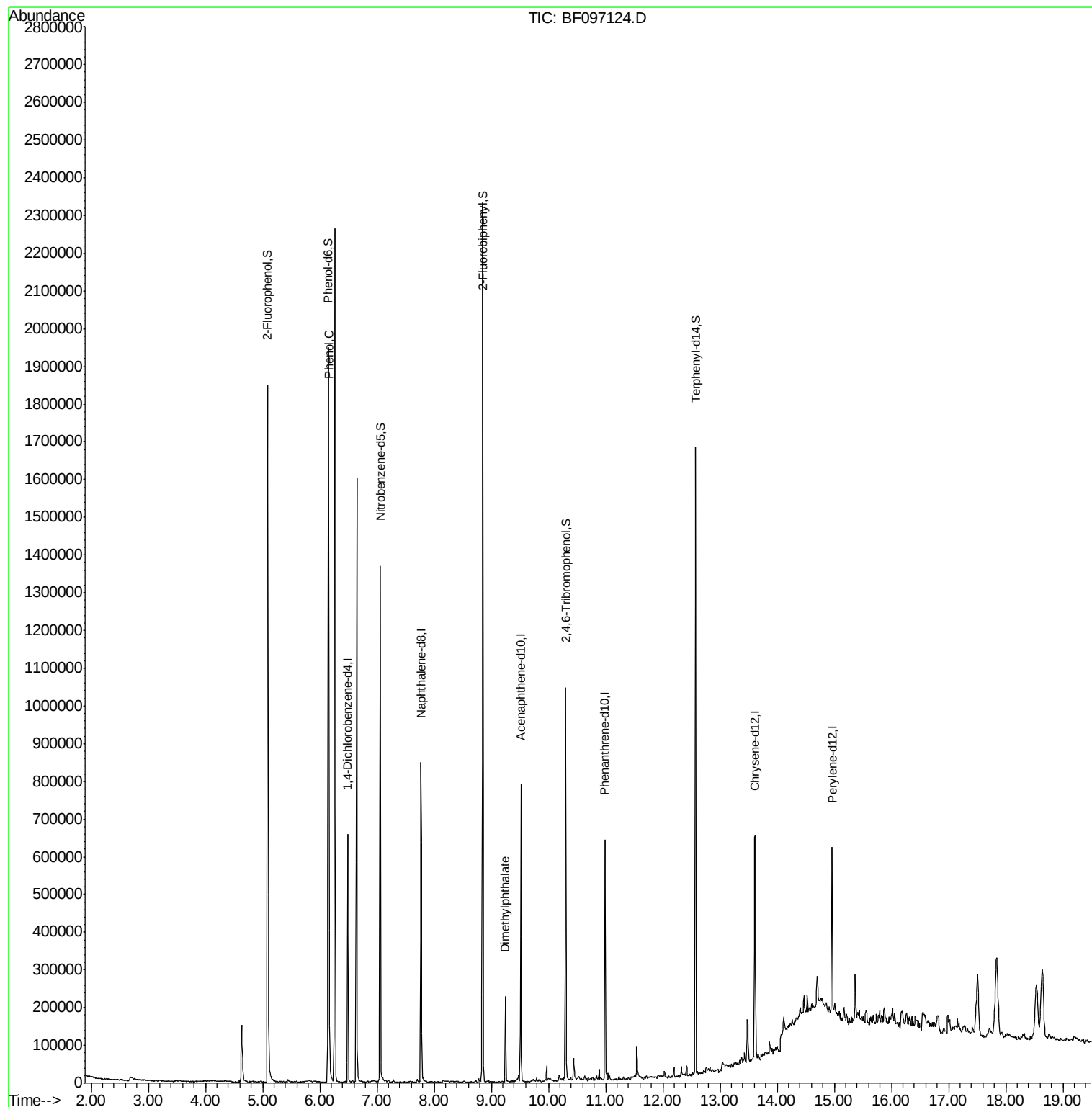
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	94436	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	377492	20.00	ng	0.00
38) Acenaphthene-d10	9.52	164	144148	20.00	ng	0.00
63) Phenanthrene-d10	10.99	188	218162	20.00	ng	0.00
75) Chrysene-d12	13.62	240	206394	20.00	ng	0.00
86) Perylene-d12	14.96	264	173879	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	573655	91.57	ng	0.00
7) Phenol-d6	6.15	99	721877	100.94	ng	0.00
23) Nitrobenzene-d5	7.06	82	410787	63.84	ng	0.00
41) 2,4,6-Tribromophenol	10.30	330	114377	100.43	ng	0.00
44) 2-Fluorobiphenyl	8.85	172	736428	86.70	ng	0.00
78) Terphenyl-d14	12.57	244	481035	47.52	ng	0.00
Target Compounds						
10) Phenol	6.16	94	26005	3.066	ng	90
49) Dimethylphthalate	9.25	163	85659	7.825	ng	99

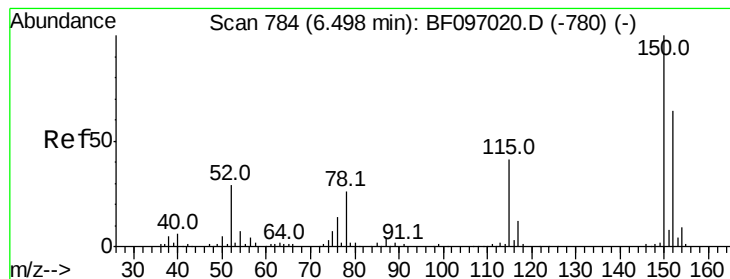
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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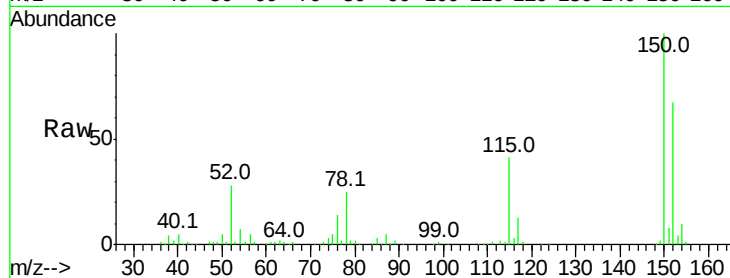




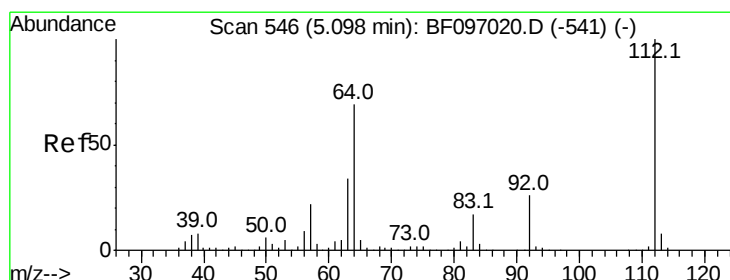
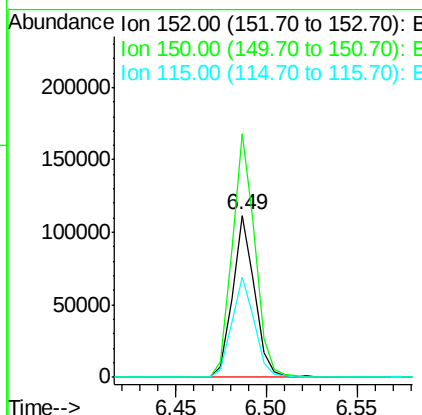
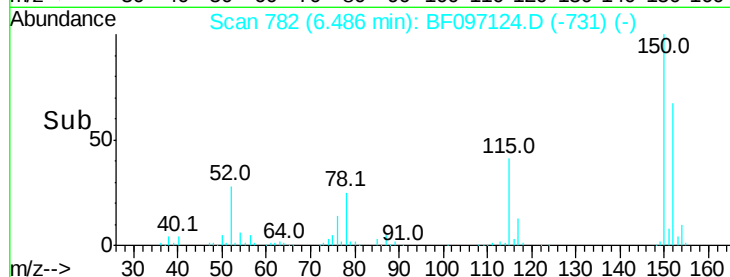
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.49 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF097124.D
 Acq: 27 Jul 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1-(0-2)

Tot Ion:152 Resp: 94436
 Ion Ratio Lower Upper
 152 100
 150 150.2 126.2 189.2
 115 61.9 52.2 78.2

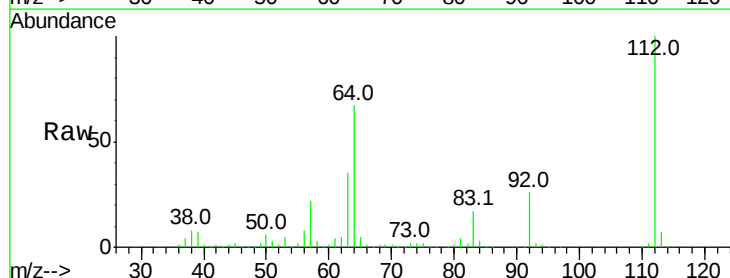


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

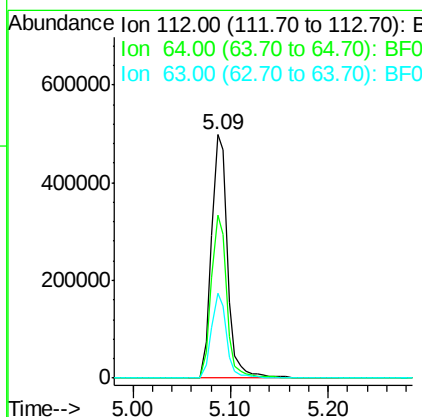
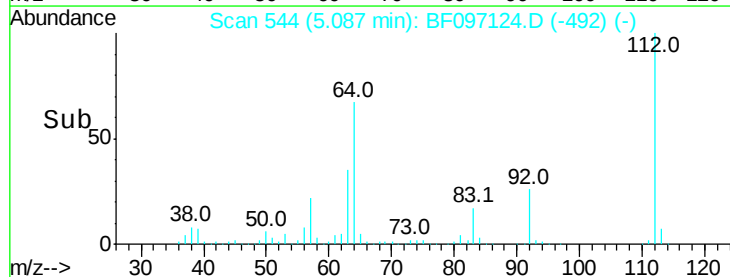


#5
 2-Fluorophenol
 Concen: 91.573 ng
 RT: 5.09 min Scan# 544
 Delta R.T. 0.01 min
 Lab File: BF097124.D
 Acq: 27 Jul 2017 16:01

Tgt Ion:112 Resp: 573655
 Ion Ratio Lower Upper
 112 100
 64 66.9 46.0 69.0
 63 35.1 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: 100.939 ng

RT: 6.15 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-1-(0-2)

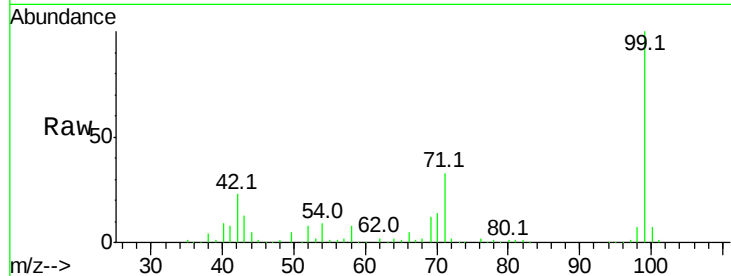
Tot Ion: 99 Resp: 721877

Ion Ratio Lower Upper

99 100

42 23.3 13.5 20.3#

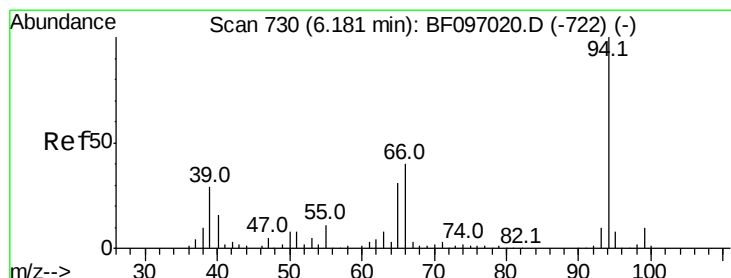
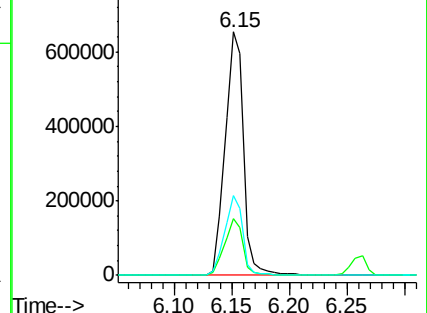
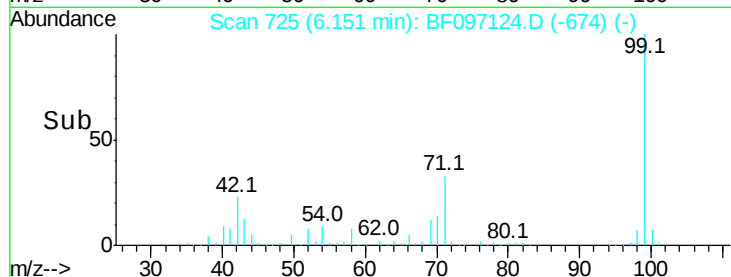
71 32.5 24.5 36.7



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: 3.066 ng

RT: 6.16 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

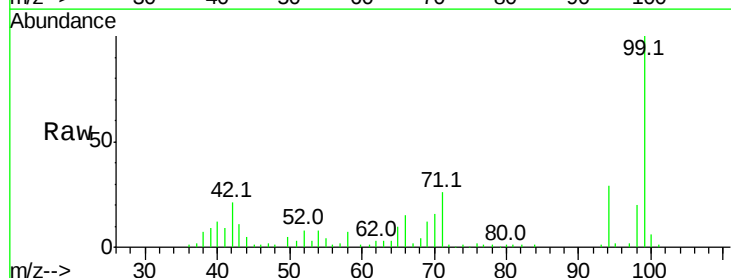
Tgt Ion: 94 Resp: 26005

Ion Ratio Lower Upper

94 100

65 32.5 9.9 49.9

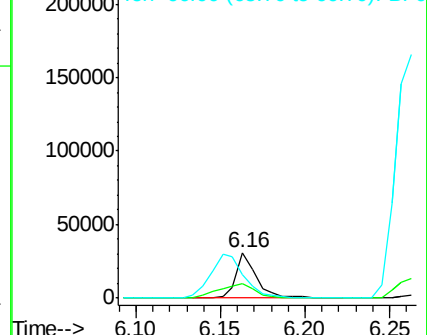
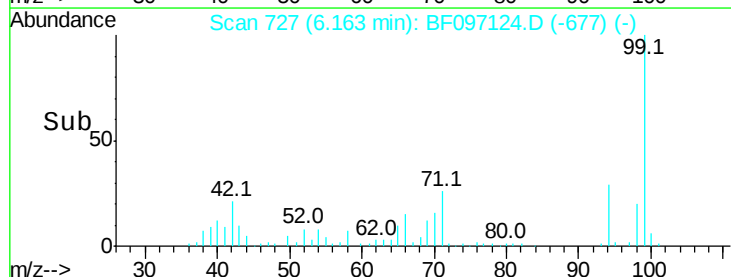
66 51.9 23.1 63.1



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

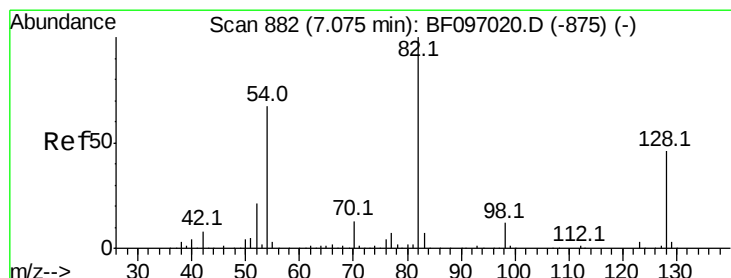
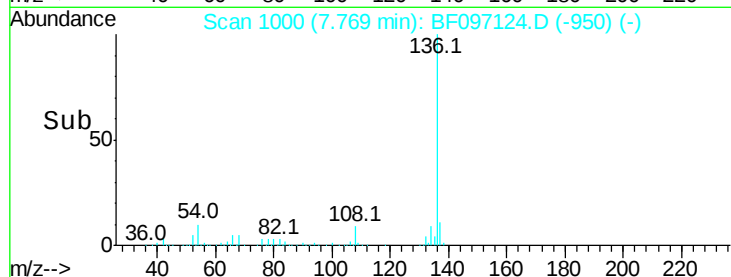
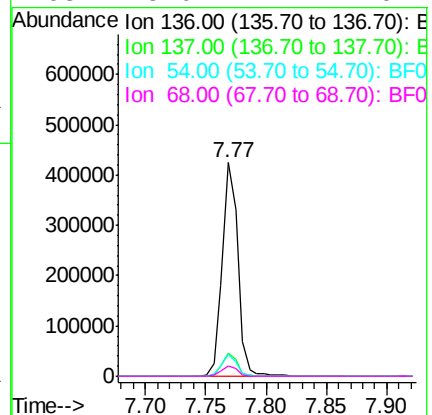
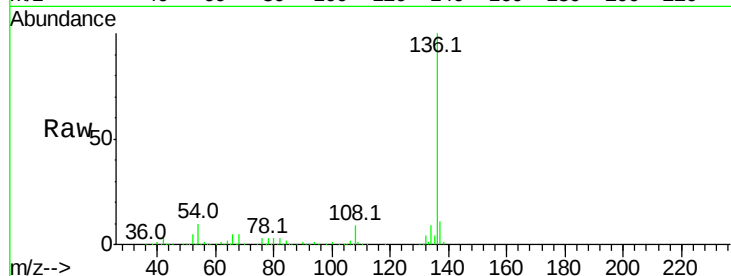




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

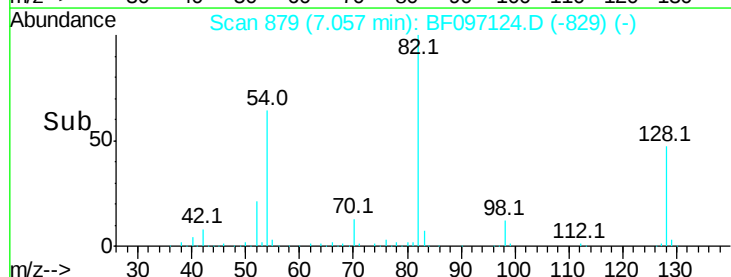
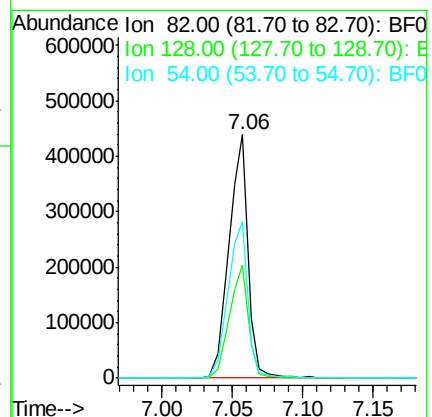
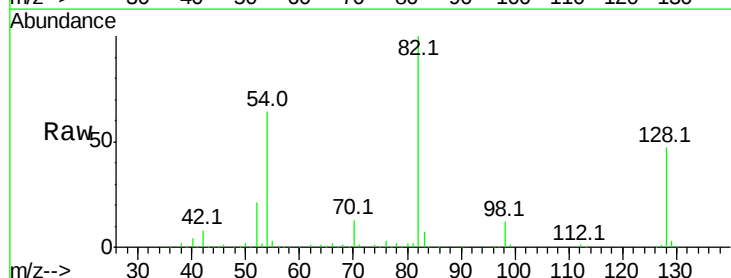
Instrument :
BNA_F
ClientSampleId :
CEMETERY-1-(0-2)

Tot Ion:136	Resp:	377492
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.5 12.7
54	10.2	4.9 7.3#
68	5.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 63.838 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

Tgt Ion: 82	Resp:	410787
Ion	Ratio	Lower Upper
82	100	
128	46.5	34.0 51.0
54	64.4	42.2 63.2#

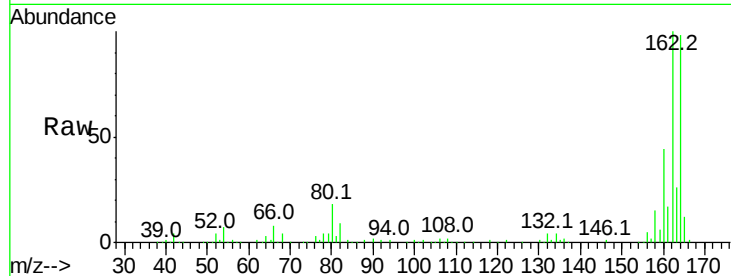




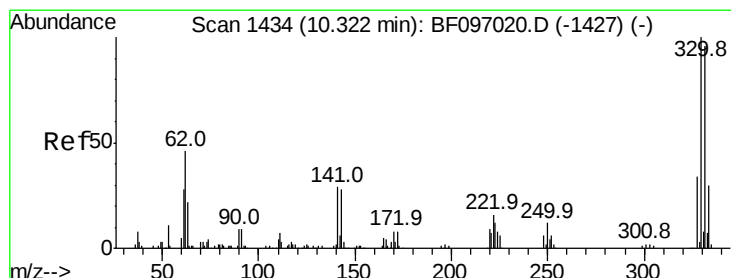
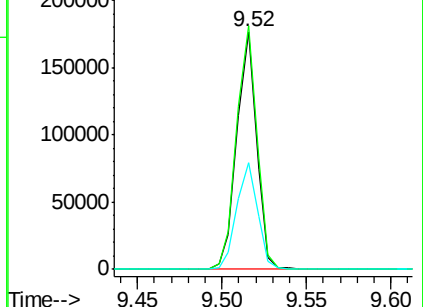
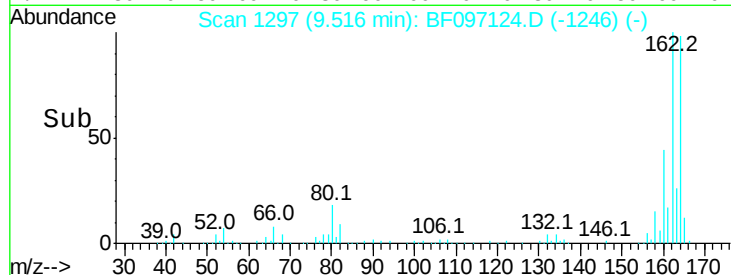
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: BF097124.D
 Acq: 27 Jul 2017 16:01

Instrument :
 BNA_F
 ClientSampleId :
 CEMETERY-1-(0-2)

Tot Ion:164 Resp: 144148
 Ion Ratio Lower Upper
 164 100
 162 102.5 82.6 123.8
 160 44.8 36.2 54.2

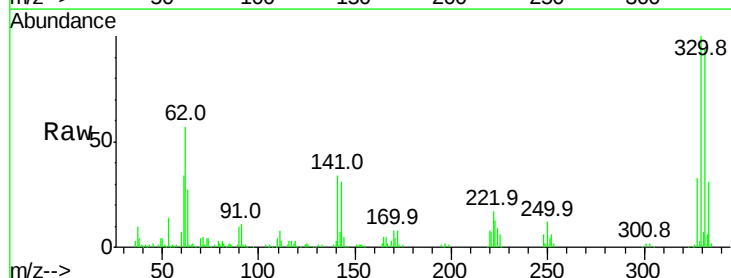


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

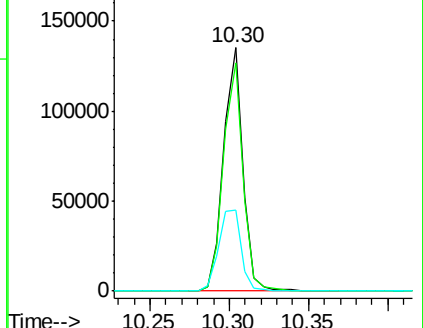
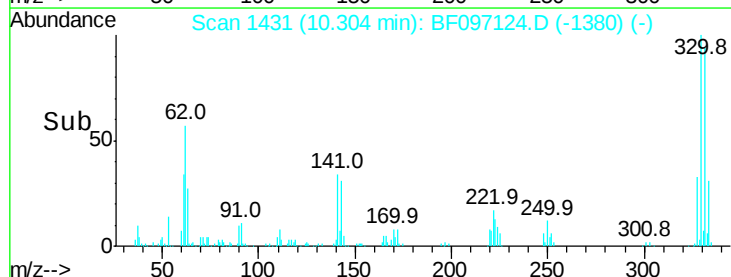


#41
 2,4,6-Tribromophenol
 Concen: 100.427 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: BF097124.D
 Acq: 27 Jul 2017 16:01

Tgt Ion:330 Resp: 114377
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.6 115.0
 141 38.7 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

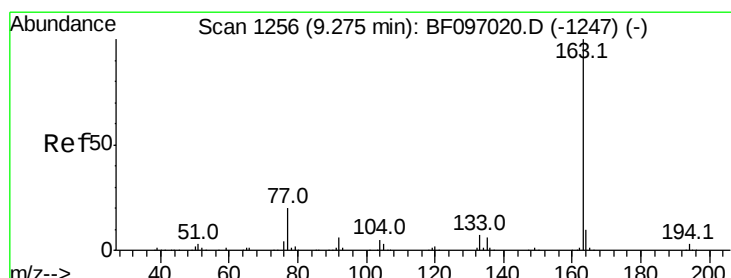
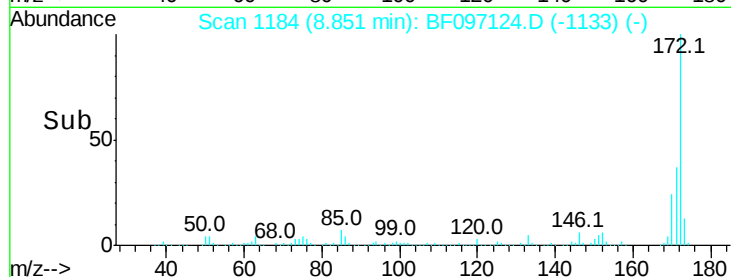
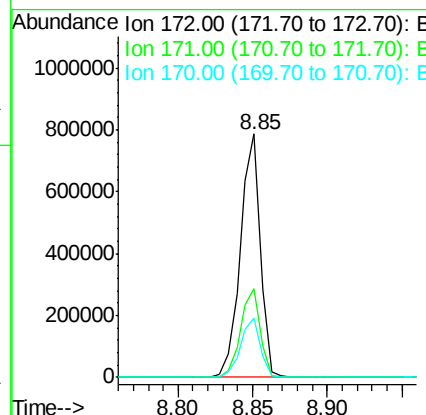
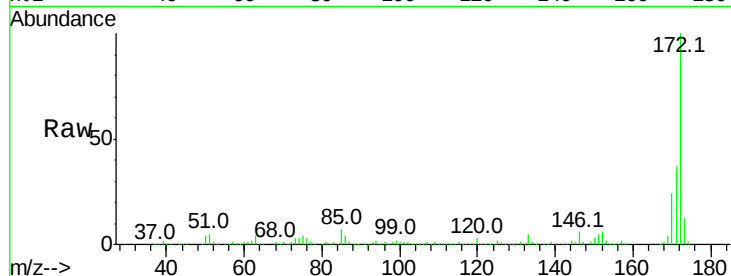




#44
2-Fluorobiphenyl
Concen: 86.702 ng
RT: 8.85 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

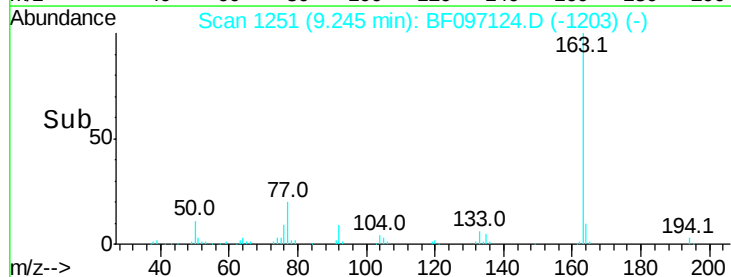
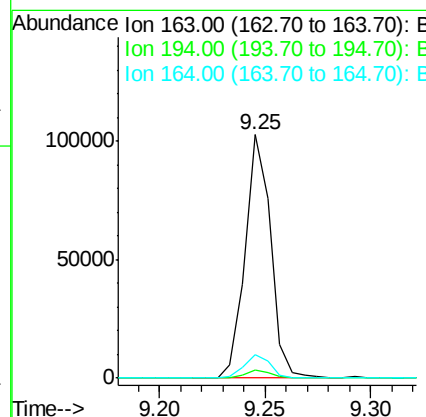
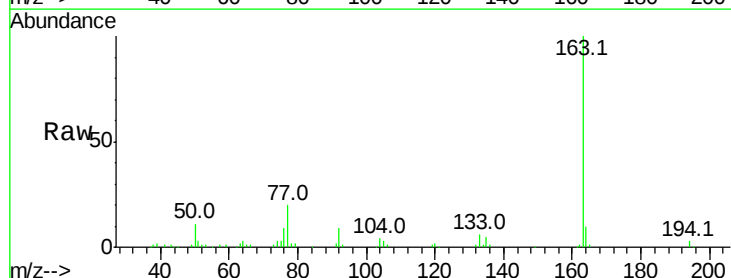
Instrument :
BNA_F
ClientSampleId :
CEMETERY-1-(0-2)

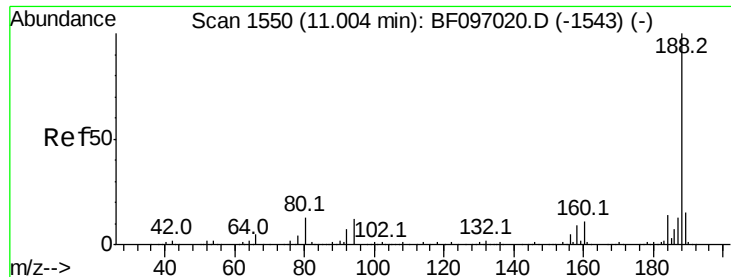
Tot Ion:172 Resp: 736428
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.3 19.8 29.8



#49
Dimethylphthalate
Concen: 7.825 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

Tgt Ion:163 Resp: 85659
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 9.9 8.4 12.6

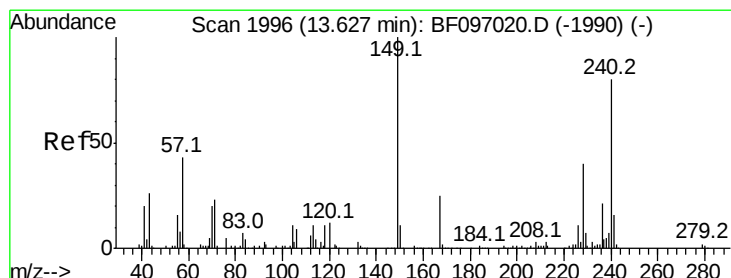
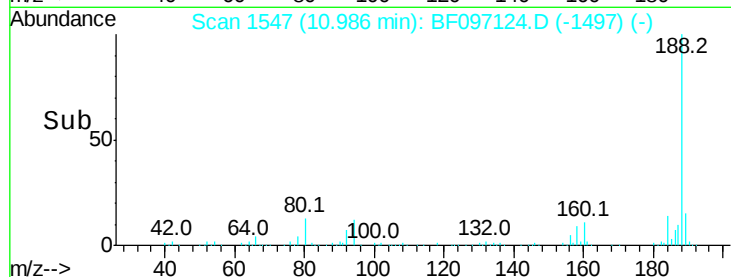
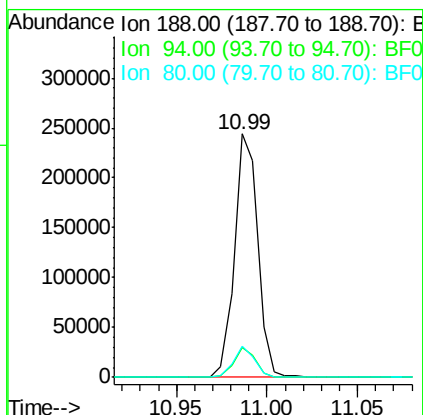
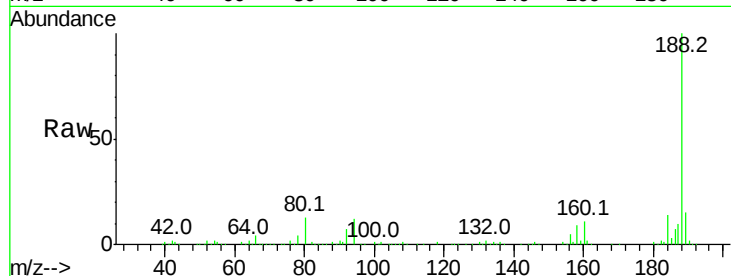




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.01 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

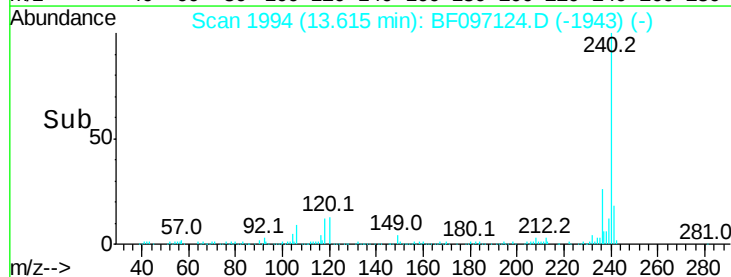
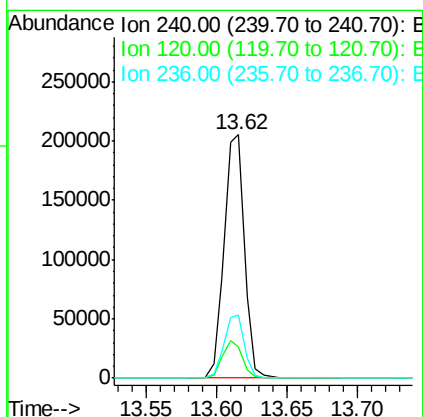
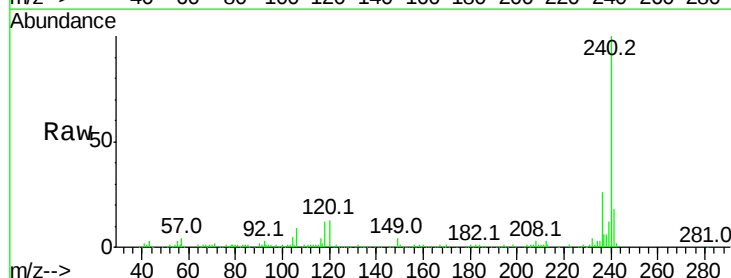
Instrument :
BNA_F
ClientSampleId :
CEMETERY-1-(0-2)

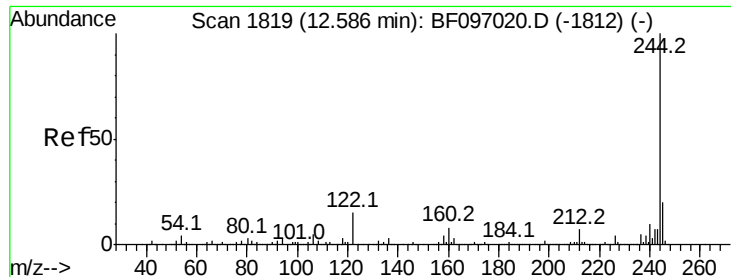
Tot Ion:188 Resp: 218162
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.8 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.62 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BF097124.D
Acq: 27 Jul 2017 16:01

Tgt Ion:240 Resp: 206394
Ion Ratio Lower Upper
240 100
120 12.6 5.8 8.8#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 47.519 ng

RT: 12.57 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

Instrument :

BNA_F

ClientSampleId :

CEMETERY-1-(0-2)

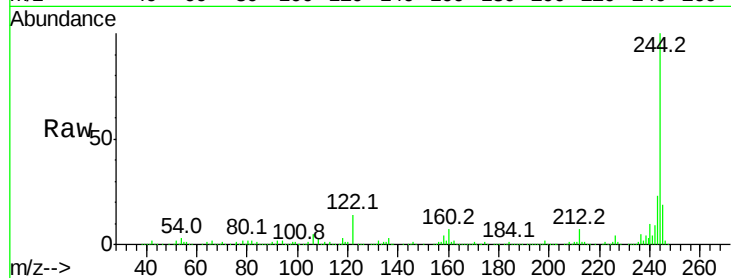
Tot Ion:244 Resp: 481035

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

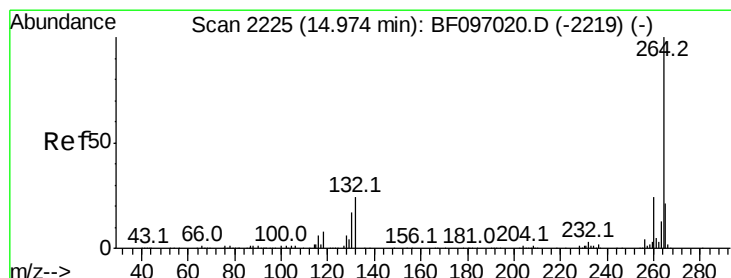
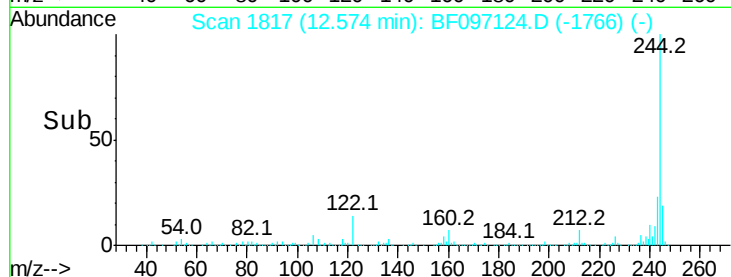
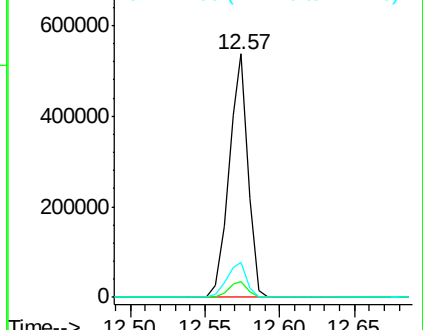
122 14.5 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 14.96 min Scan# 2223

Delta R.T. 0.01 min

Lab File: BF097124.D

Acq: 27 Jul 2017 16:01

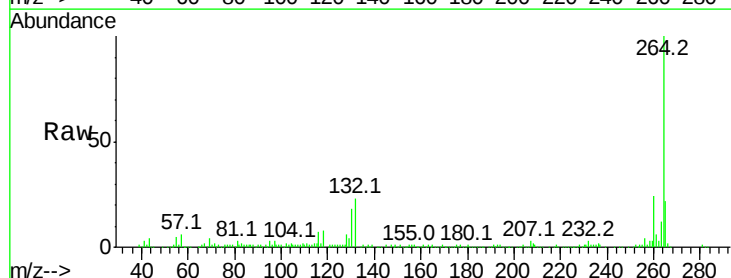
Tgt Ion:264 Resp: 173879

Ion Ratio Lower Upper

264 100

260 23.8 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

