

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100082.D
 Acq On : 2 Nov 2017 14:06
 Operator : SJ/JU
 Sample : I6226-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1-CONCRETE

Quant Time: Nov 02 16:27:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 02 16:13:54 2017
 Response via : Initial Calibration

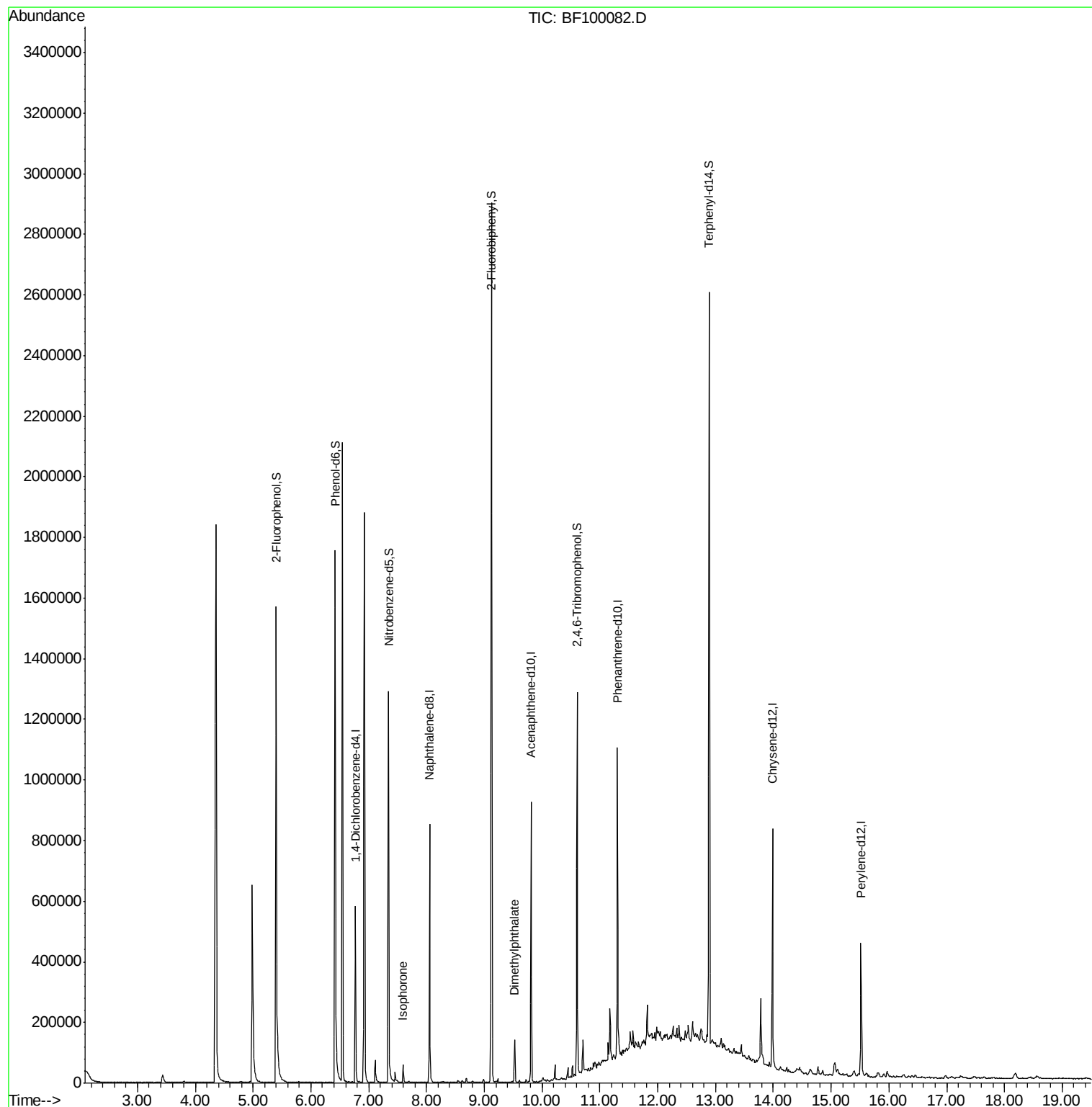
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	99113	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	402741	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	193409	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	345571	20.00	ng	0.00
75) Chrysene-d12	13.99	240	282732	20.00	ng	0.00
86) Perylene-d12	15.52	264	218548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	607105	96.17	ng	0.01
7) Phenol-d6	6.42	99	819693	109.50	ng	0.00
23) Nitrobenzene-d5	7.34	82	518328	82.86	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	164524	93.34	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1080318	86.18	ng	0.00
78) Terphenyl-d14	12.89	244	987541	76.33	ng	0.00
Target Compounds						
25) Isophorone	7.59	82	26917	2.371	ng	94
49) Dimethylphthalate	9.53	163	67602	4.414	ng	99

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

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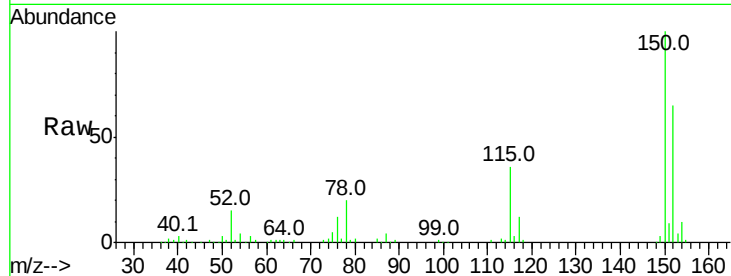


#1

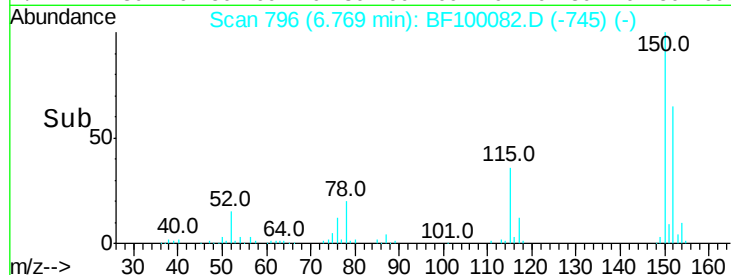
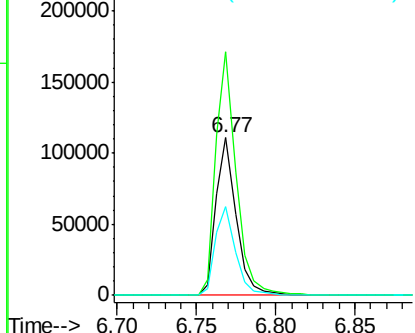
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Instrument :
BNA_F
ClientSampleId :
T-1-CONCRETE

Tot Ion:152 Resp: 99113
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 56.0 50.1 75.1



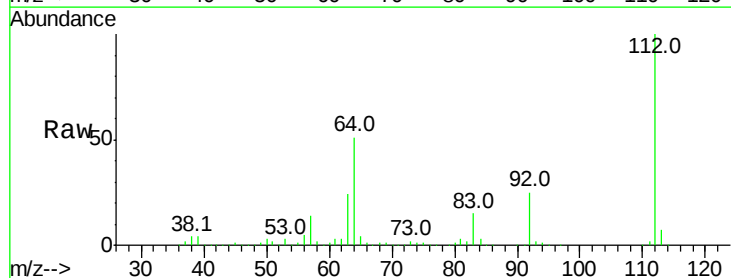
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



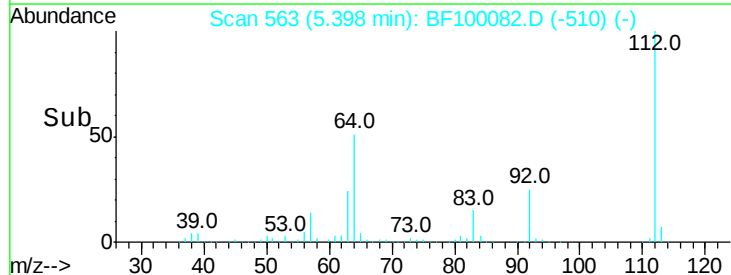
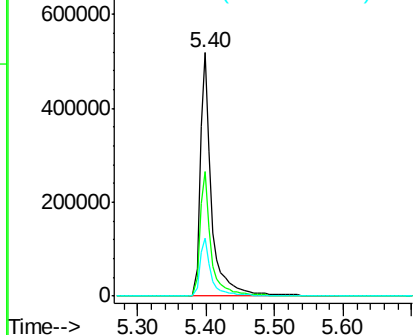
#5

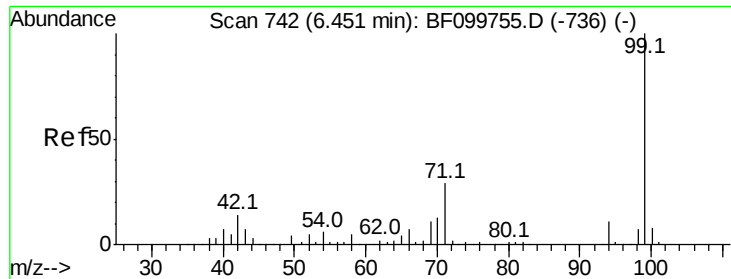
2-Fluorophenol
Concen: 96.166 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Tgt Ion:112 Resp: 607105
Ion Ratio Lower Upper
112 100
64 51.2 47.9 71.9
63 24.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 109.504 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF100082.D

Acq: 2 Nov 2017 14:06

Instrument :

BNA_F

ClientSampleId :

T-1-CONCRETE

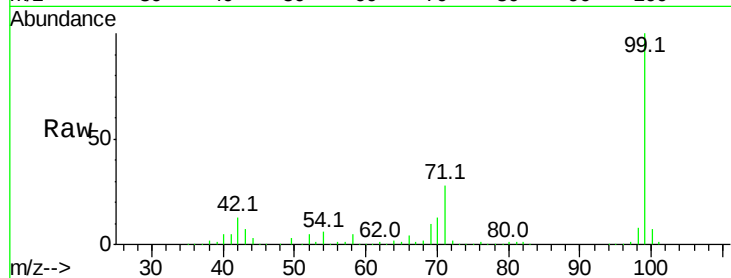
Tot Ion: 99 Resp: 819693

Ion Ratio Lower Upper

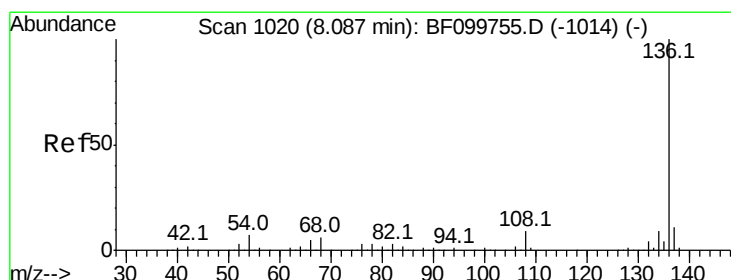
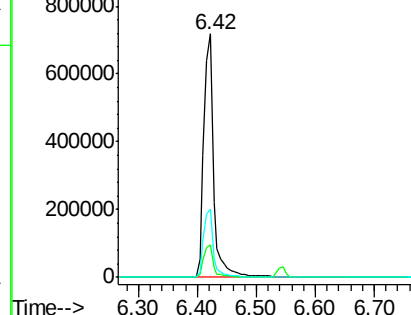
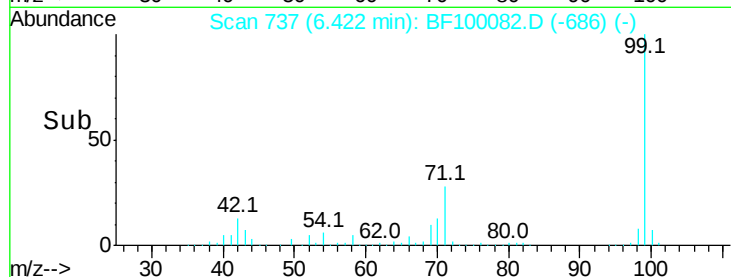
99 100

42 13.3 14.5 21.7#

71 28.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF100082.D

Acq: 2 Nov 2017 14:06

Tgt Ion: 136 Resp: 402741

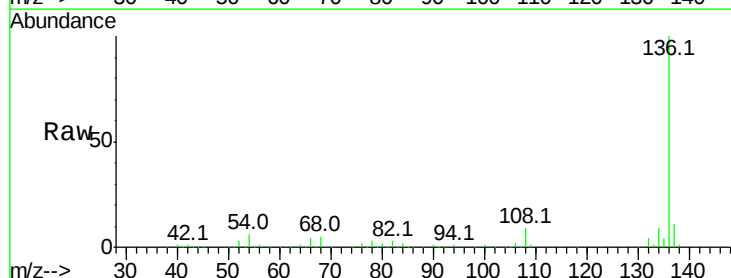
Ion Ratio Lower Upper

136 100

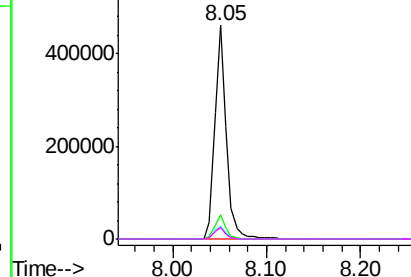
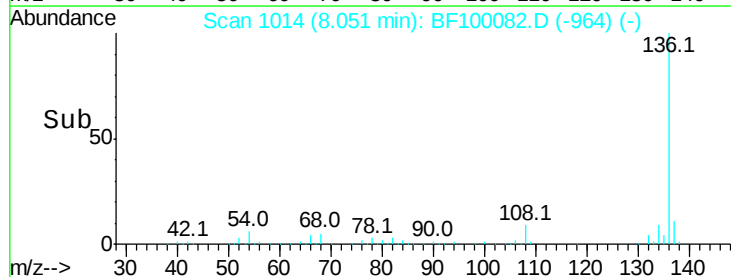
137 11.3 8.9 13.3

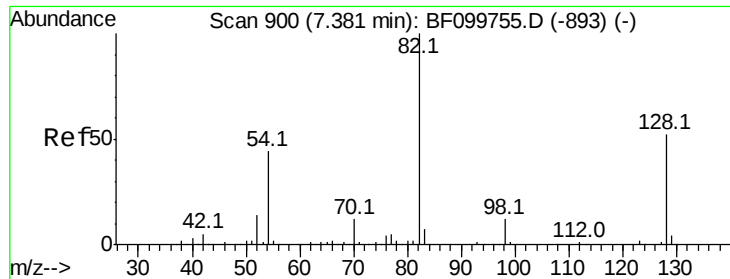
54 6.1 6.6 9.8#

68 5.5 5.0 7.4



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

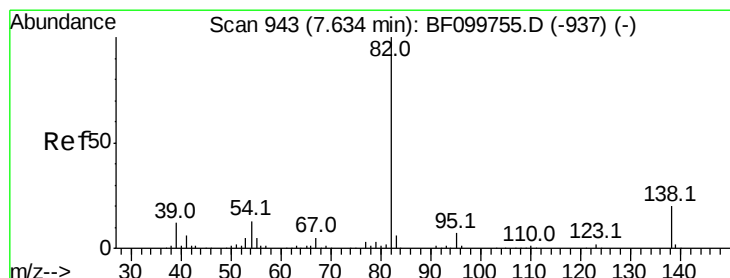
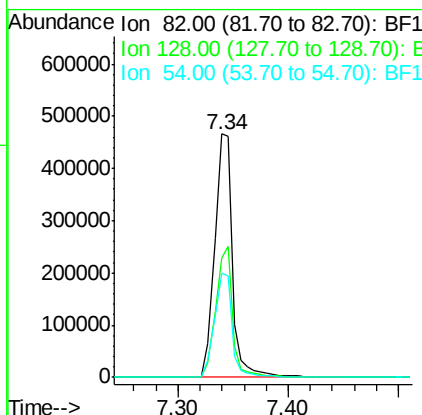
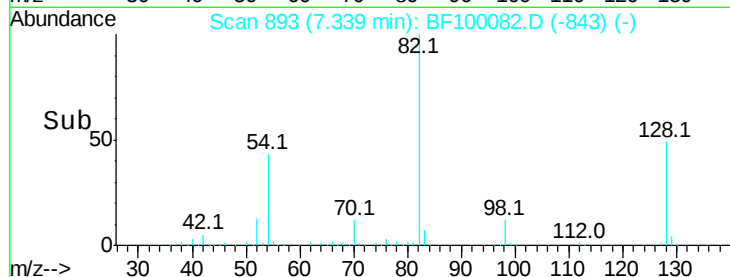
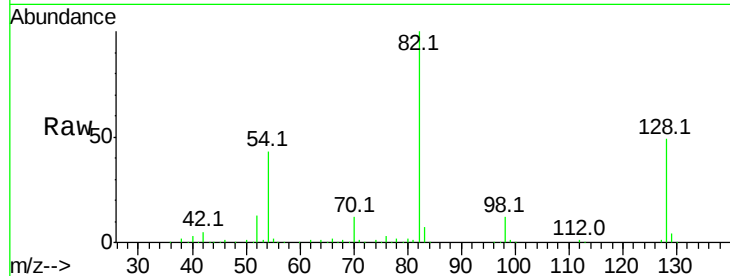




#23
 Nitrobenzene-d5
 Concen: 82.858 ng
 RT: 7.34 min Scan# 893
 Delta R.T. -0.01 min
 Lab File: BF100082.D
 Acq: 2 Nov 2017 14:06

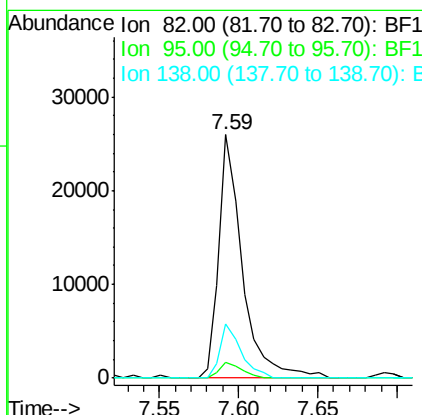
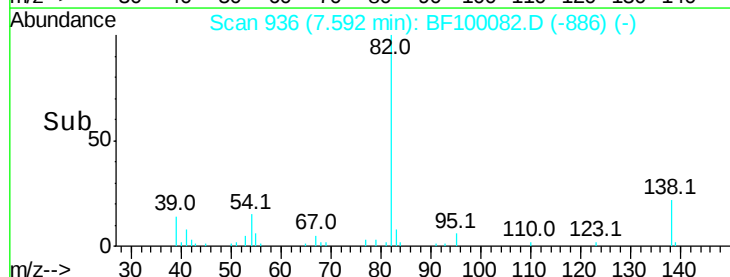
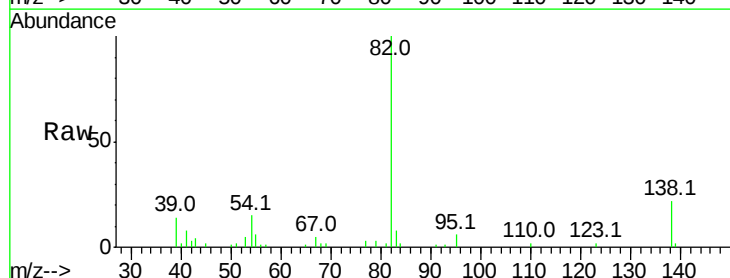
Instrument :
 BNA_F
 ClientSampleId :
 T-1-CONCRETE

Tot Ion: 82 Resp: 518328
 Ion Ratio Lower Upper
 82 100
 128 49.2 36.1 54.1
 54 42.9 41.4 62.2



#25
 Isophorone
 Concen: 2.371 ng
 RT: 7.59 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF100082.D
 Acq: 2 Nov 2017 14:06

Tgt Ion: 82 Resp: 26917
 Ion Ratio Lower Upper
 82 100
 95 6.3 5.2 7.8
 138 22.2 14.9 22.3

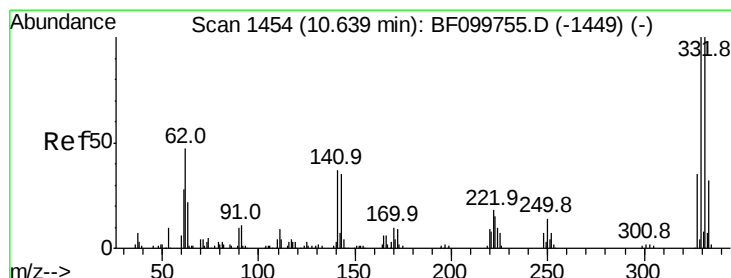
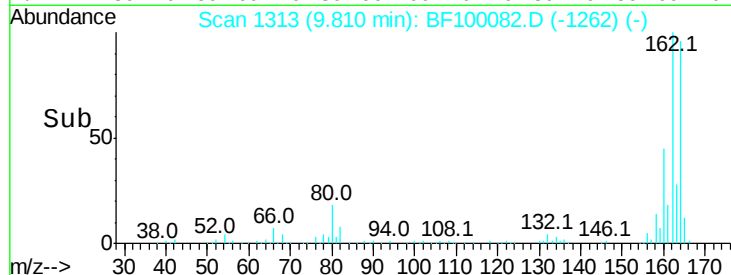
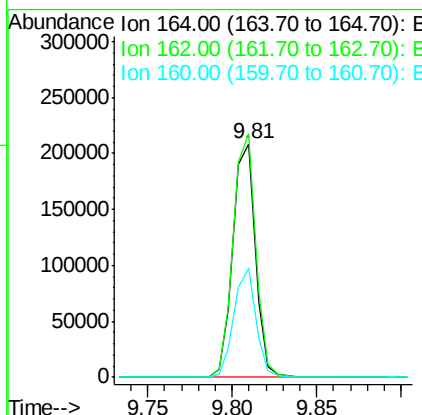
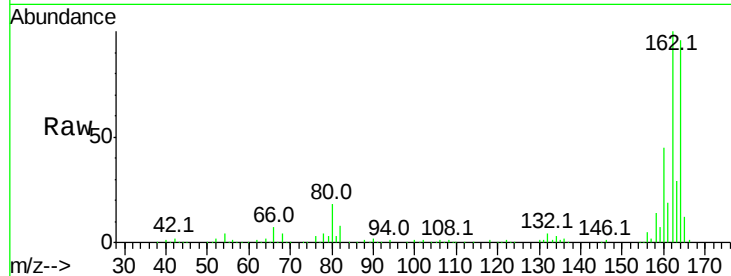




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

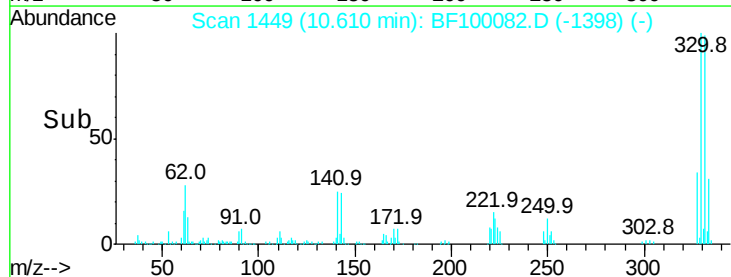
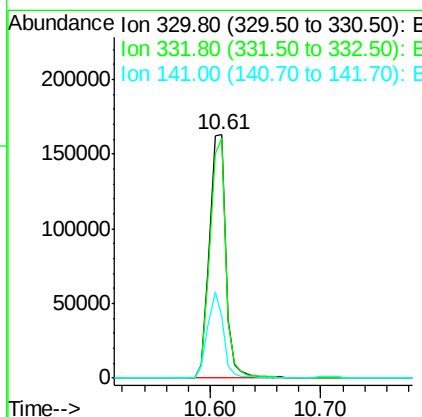
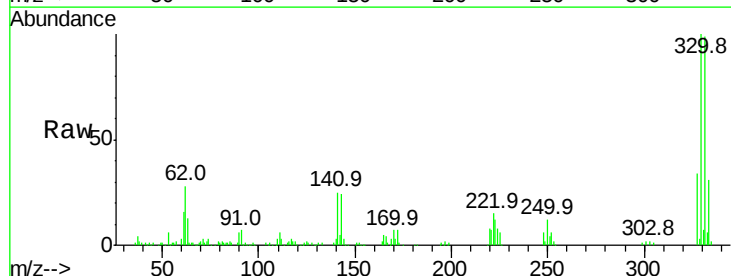
Instrument :
BNA_F
ClientSampleId :
T-1-CONCRETE

Tot Ion:164 Resp: 193409
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 46.5 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 93.343 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Tgt Ion:330 Resp: 164524
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 33.7 29.9 44.9

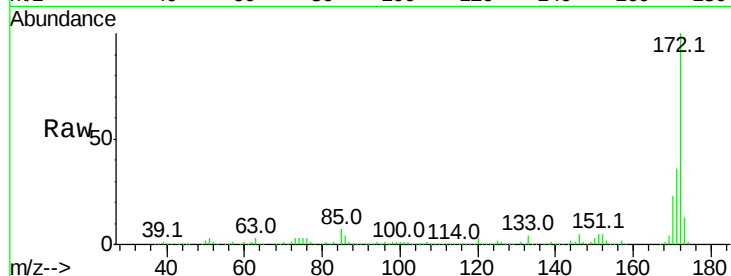




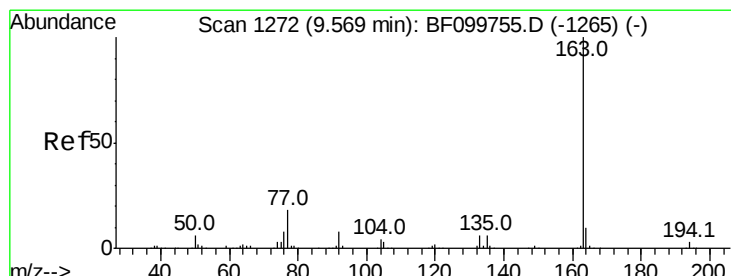
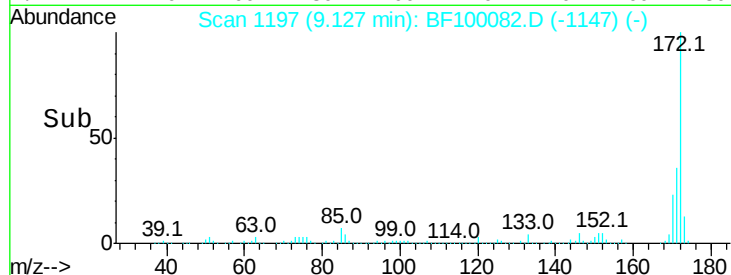
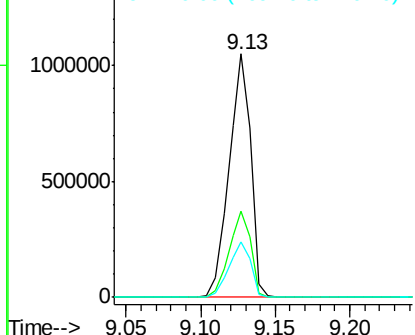
#44
2-Fluorobiphenyl
Concen: 86.178 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Instrument :
BNA_F
ClientSampleId :
T-1-CONCRETE

Tot Ion:172 Resp: 1080318
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.0 19.6 29.4

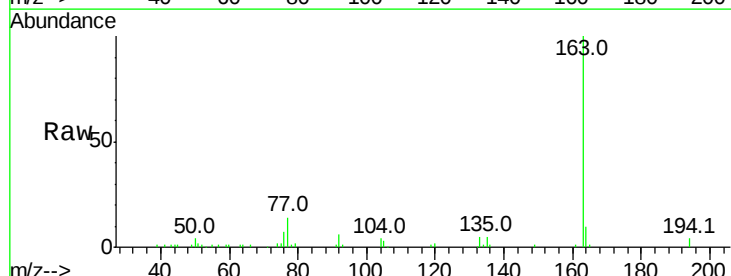


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

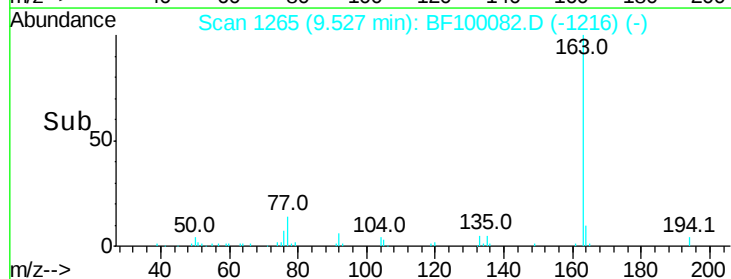
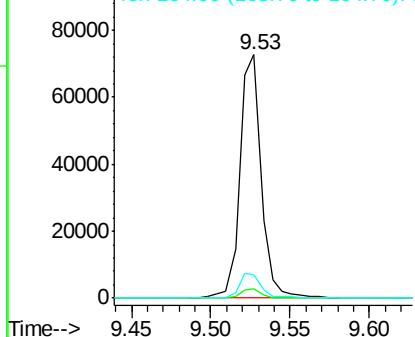


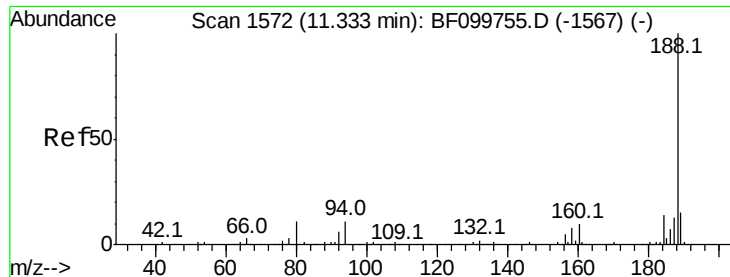
#49
Dimethylphthalate
Concen: 4.414 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100082.D
Acq: 2 Nov 2017 14:06

Tgt Ion:163 Resp: 67602
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.8 8.2 12.2



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: 11.30 min Scan# 1567

Delta R.T. -0.00 min

Lab File: BF100082.D

Acq: 2 Nov 2017 14:06

Instrument :

BNA_F

ClientSampleId :

T-1-CONCRETE

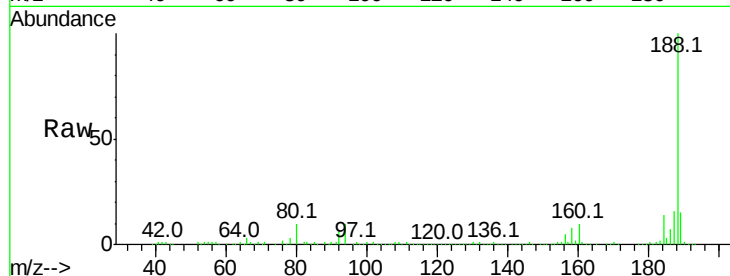
Tot Ion:188 Resp: 345571

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

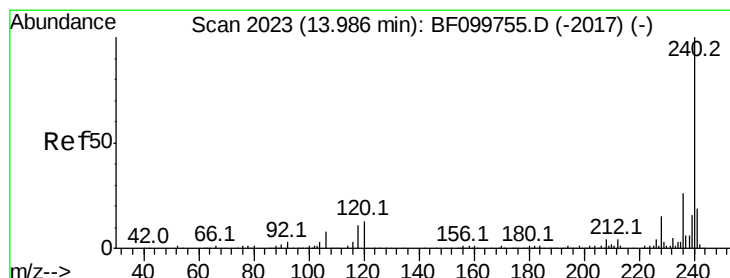
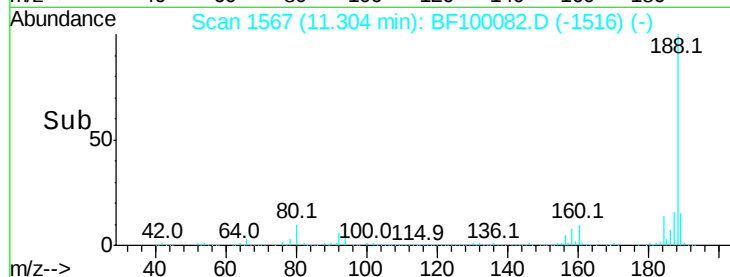
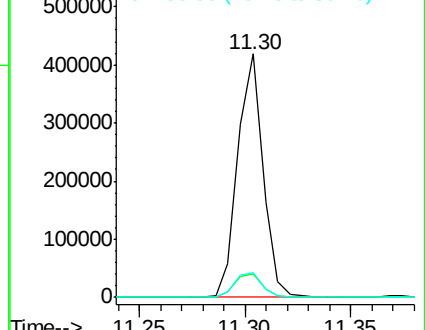
80 10.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF100082.D

Acq: 2 Nov 2017 14:06

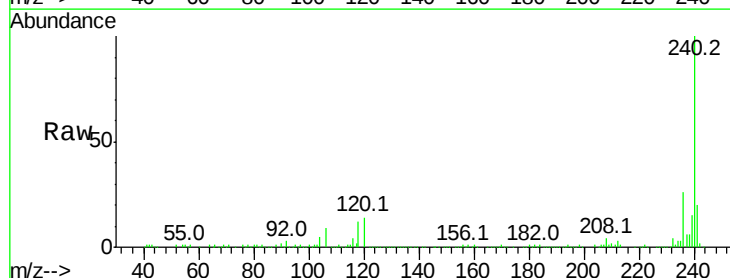
Tgt Ion:240 Resp: 282732

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

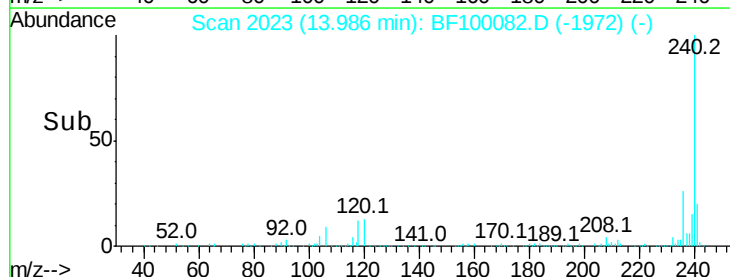
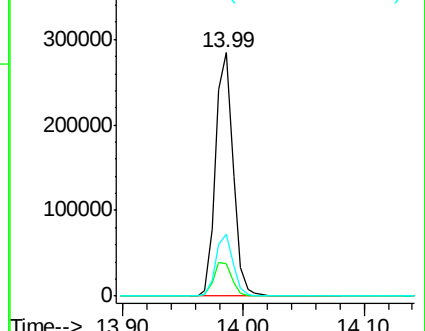
236 25.6 20.7 31.1

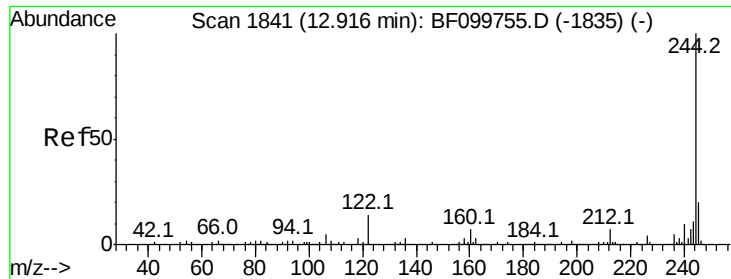


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.332 ng

RT: 12.89 min Scan# 1837

Delta R.T. 0.01 min

Lab File: BF100082.D

Acq: 2 Nov 2017 14:06

Instrument :

BNA_F

ClientSampleId :

T-1-CONCRETE

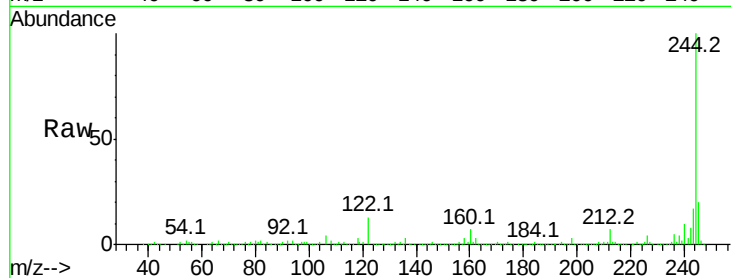
Tot Ion:244 Resp: 987541

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

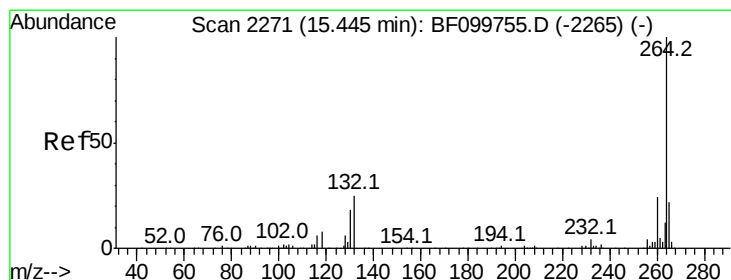
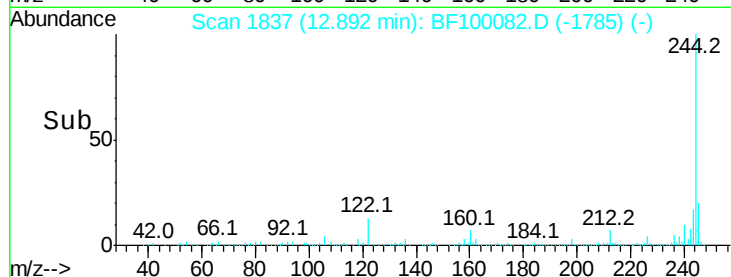
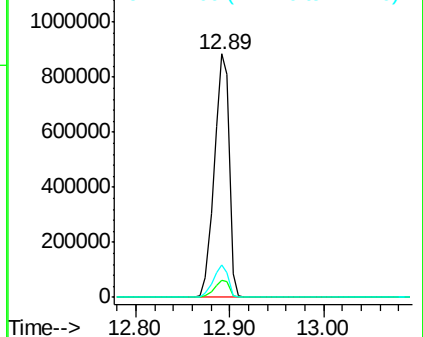
122 13.3 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BF100082.D

Acq: 2 Nov 2017 14:06

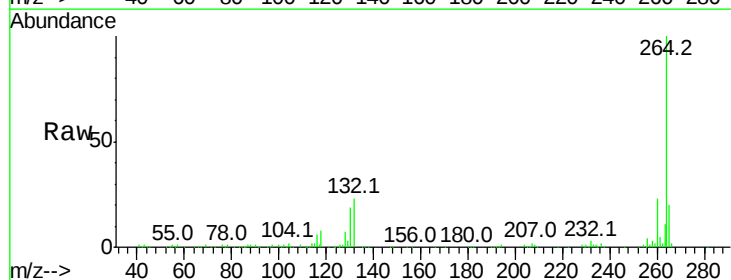
Tgt Ion:264 Resp: 218548

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.3 17.5 26.3



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

