

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097483.D
 Acq On : 8 Aug 2017 22:08
 Operator : SJ/JU
 Sample : I4560-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-STOCKPILE-COMP

Quant Time: Aug 09 01:46:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	107582	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	462490	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	194377	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	339763	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	293784	20.00	ng	-0.01
86) Perylene-d12	14.87	264	226761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	602444	84.42	ng	0.00
7) Phenol-d6	6.07	99	684038	83.96	ng	-0.01
23) Nitrobenzene-d5	6.97	82	402588	51.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.22	330	148525	96.71	ng	-0.01
44) 2-Fluorobiphenyl	8.76	172	703764	61.45	ng	-0.01
78) Terphenyl-d14	12.49	244	623251	43.25	ng	-0.01

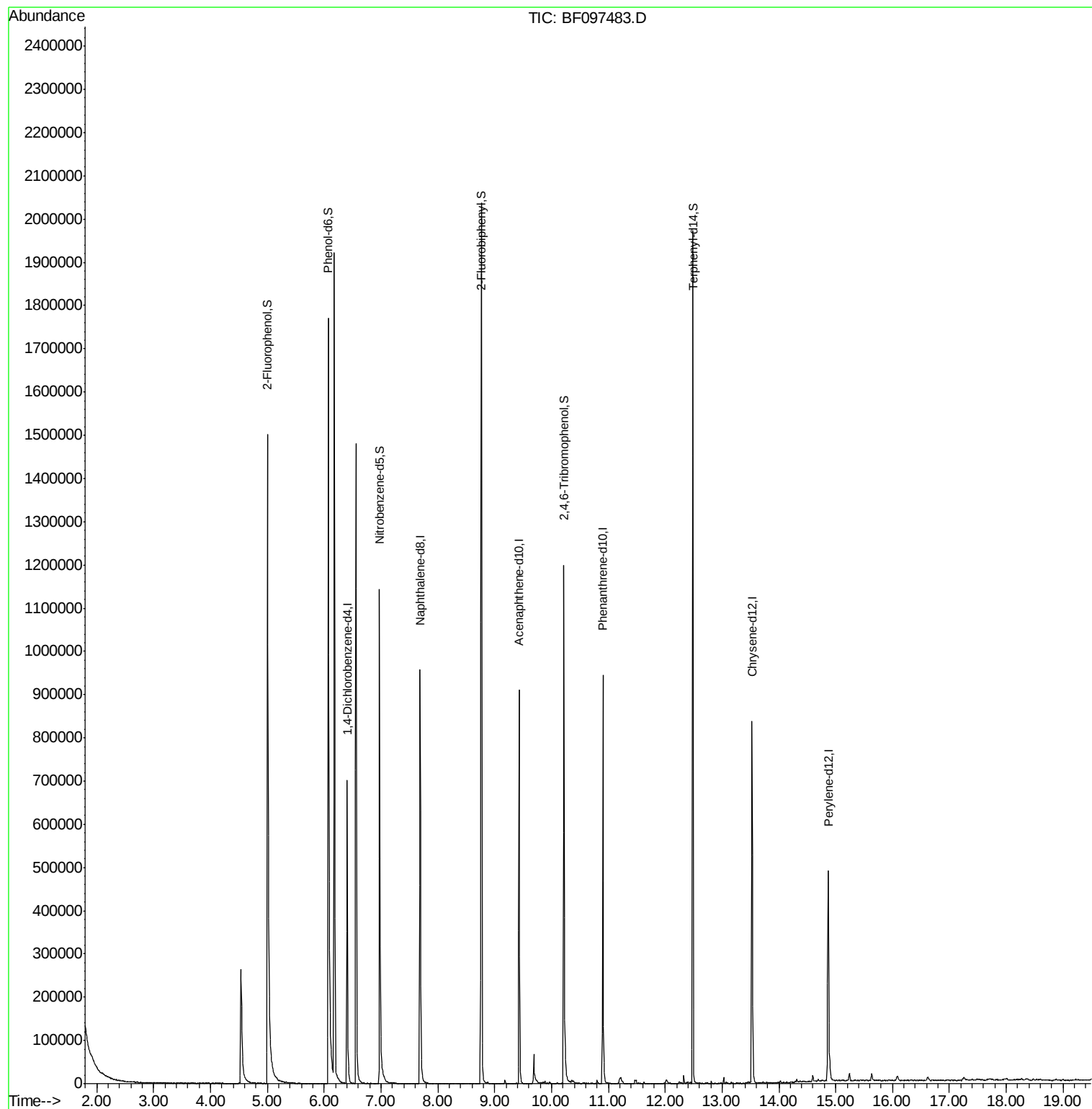
Target Compounds Qvalue

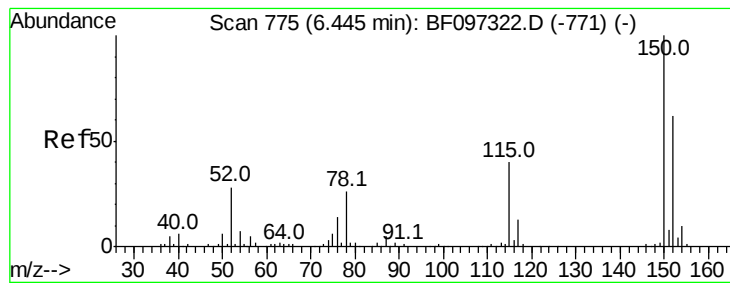
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.40 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

BNA_F

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S-STOCKPILE-COMP

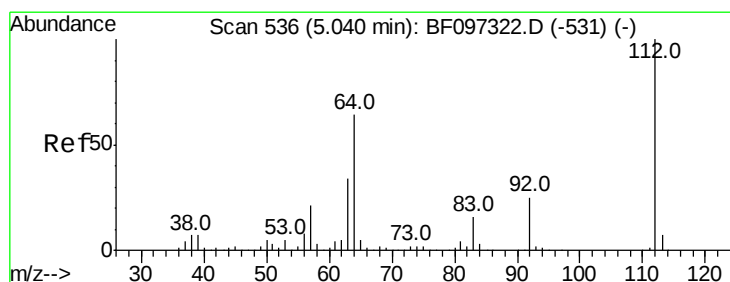
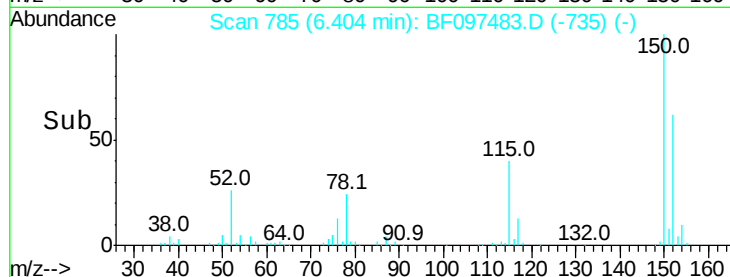
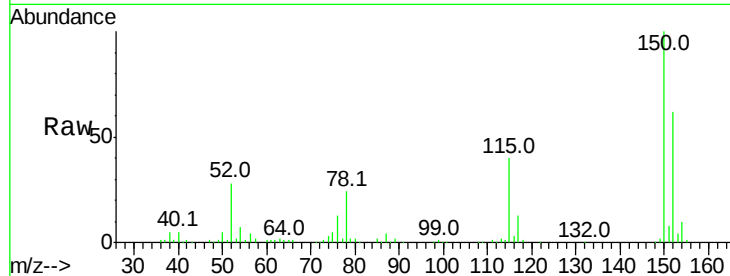
Tot Ion:152 Resp: 107582

Ion Ratio Lower Upper

152 100

150 160.7 126.2 189.2

115 64.9 52.2 78.2



#5

2-Fluorophenol

Concen: 84.417 ng

RT: 5.00 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

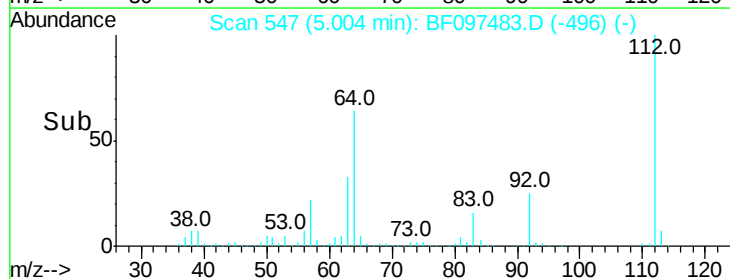
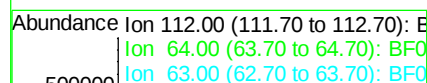
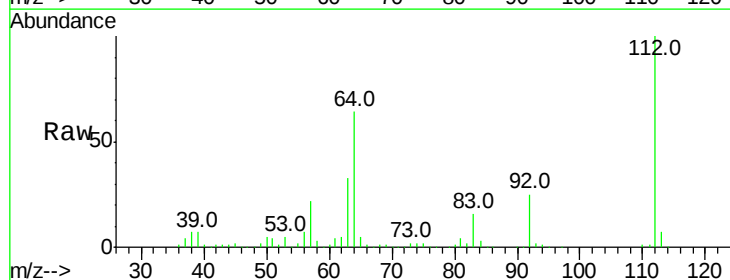
Tgt Ion:112 Resp: 602444

Ion Ratio Lower Upper

112 100

64 64.4 46.0 69.0

63 33.1 23.4 35.0





#7

Phenol-d6

Concen: 83.960 ng

RT: 6.07 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

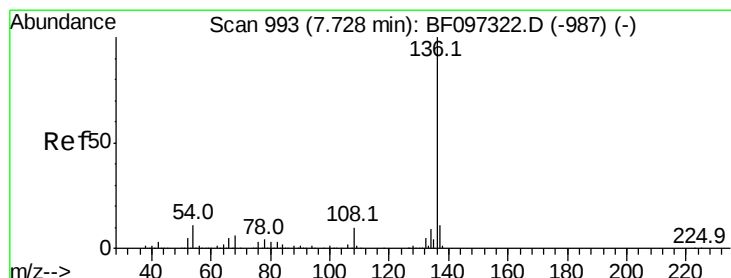
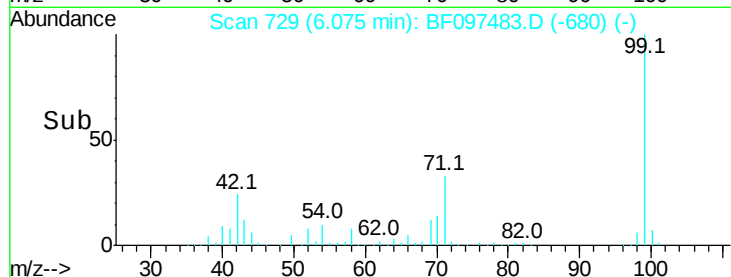
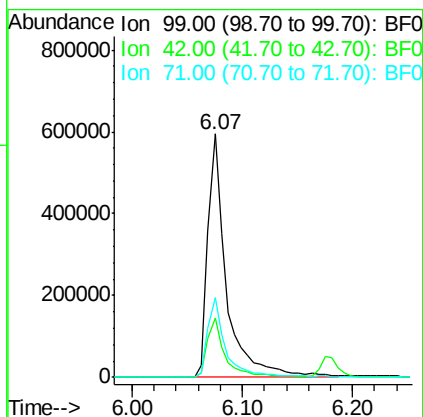
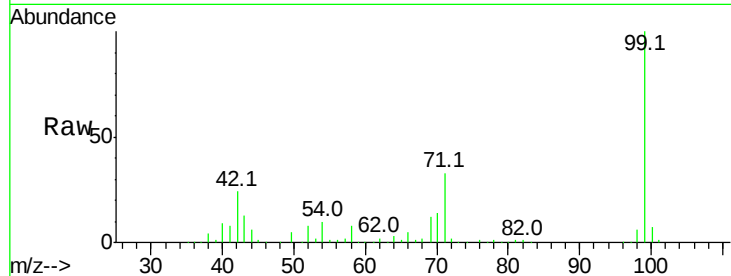
BNA_F

ClientSampleId :

S-STOCKPILE-COMP

Tot Ion: 99 Resp: 684038

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.5	20.3#
71	32.7	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

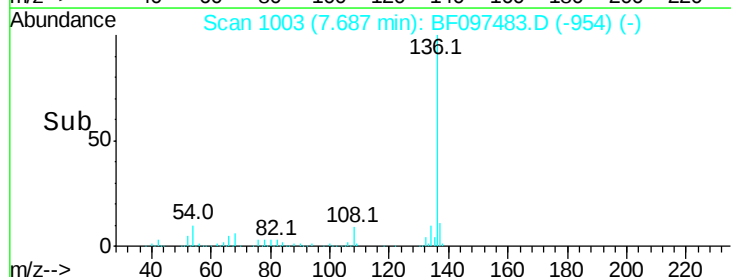
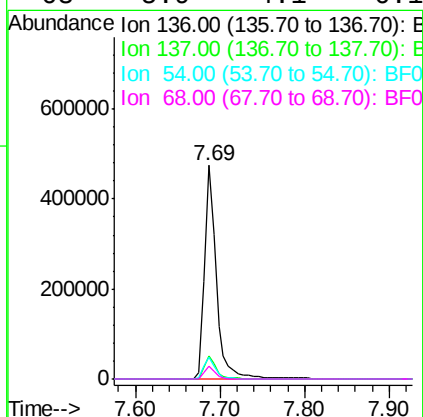
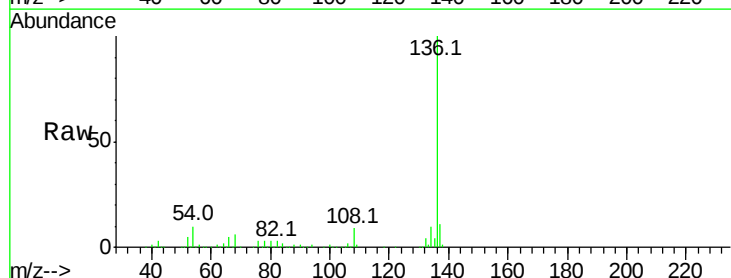
Delta R.T. -0.01 min

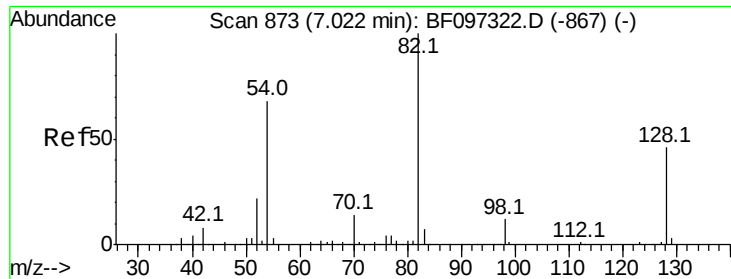
Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Tgt Ion: 136 Resp: 462490

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	10.3	4.9	7.3#
68	5.9	4.1	6.1

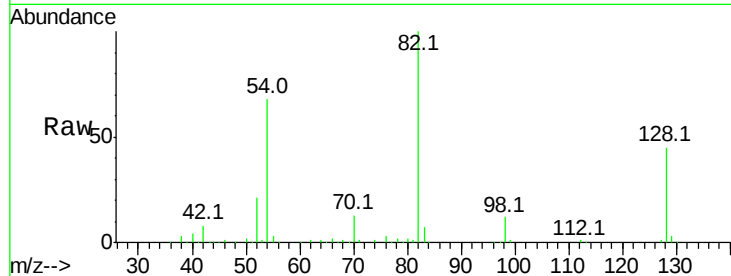




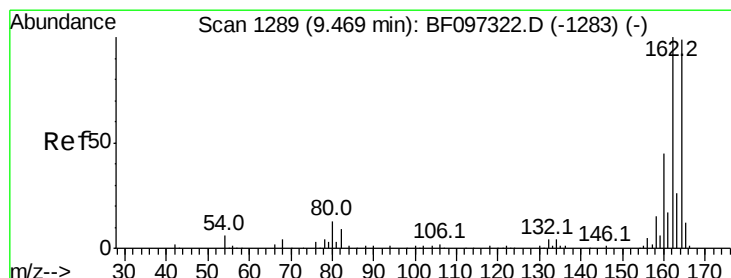
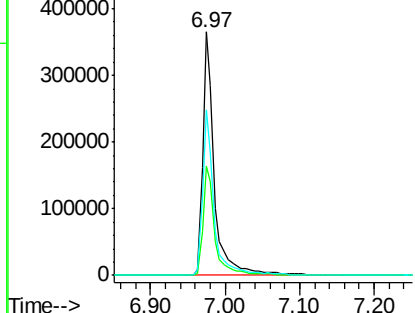
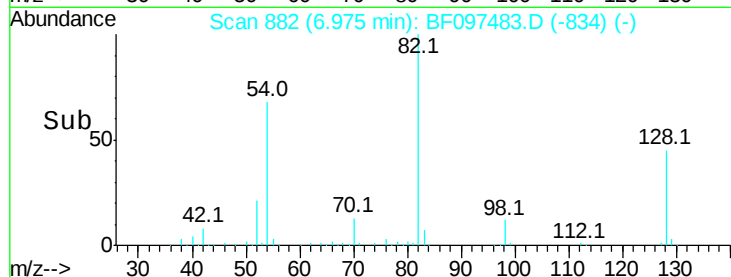
#23
Nitrobenzene-d5
Concen: 51.066 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tot Ion: 82 Resp: 402588
Ion Ratio Lower Upper
82 100
128 44.7 34.0 51.0
54 68.0 42.2 63.2#

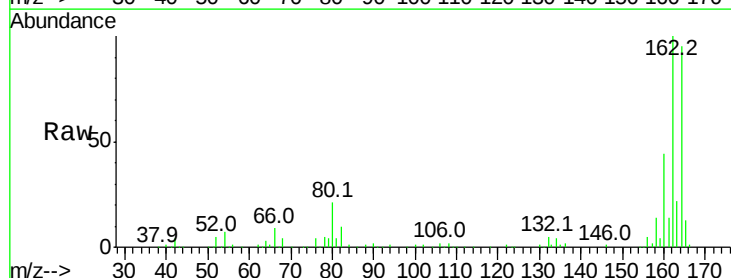


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

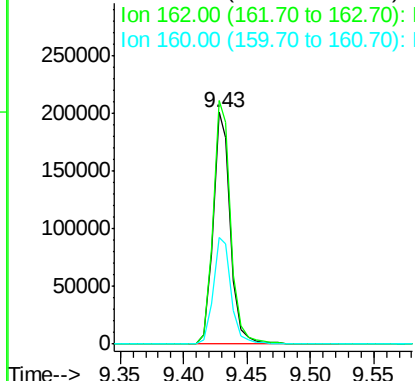
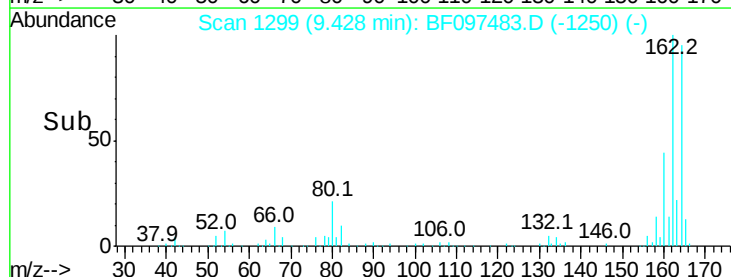


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Tgt Ion:164 Resp: 194377
Ion Ratio Lower Upper
164 100
162 105.1 82.6 123.8
160 46.3 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

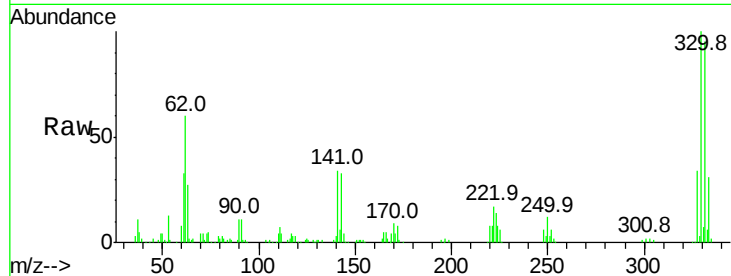




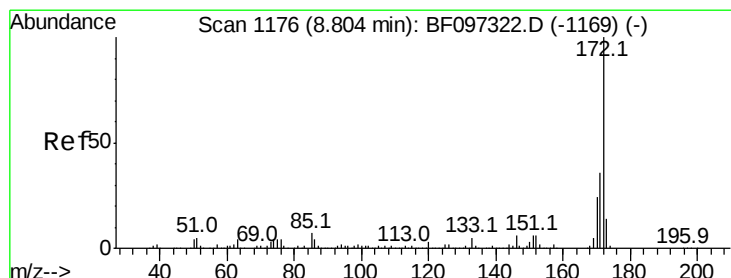
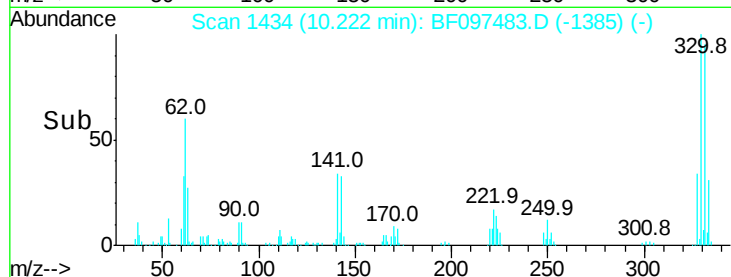
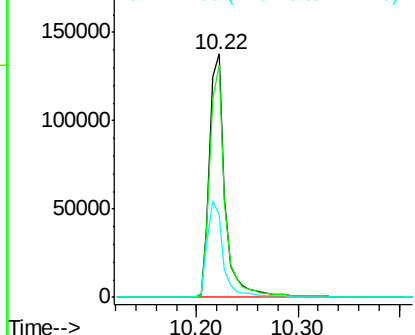
#41
 2,4,6-Tribromophenol
 Concen: 96.711 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 S-STOCKPILE-COMP

Tot Ion:330 Resp: 148525
 Ion Ratio Lower Upper
 330 100
 332 93.6 76.6 115.0
 141 40.5 31.4 47.2

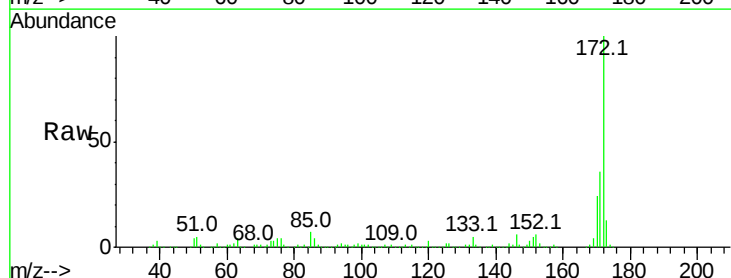


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

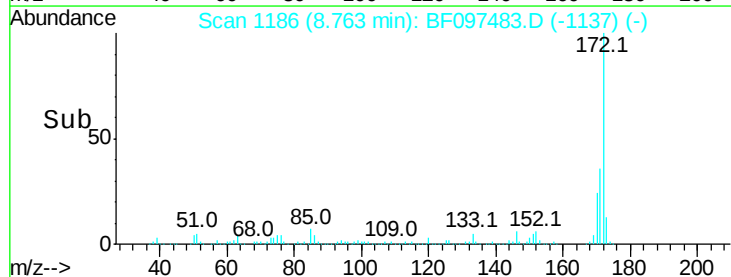
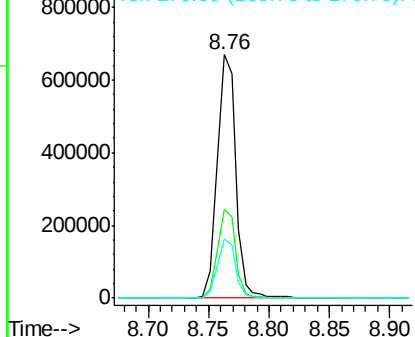


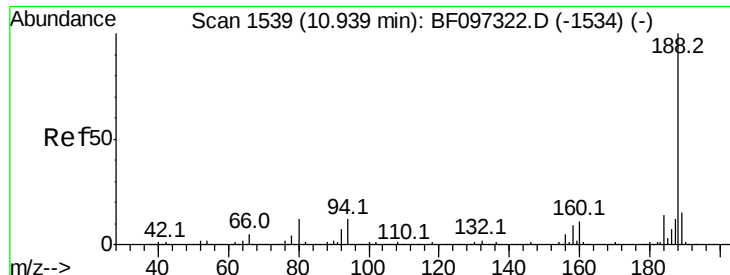
#44
 2-Fluorobiphenyl
 Concen: 61.445 ng
 RT: 8.76 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF097483.D
 Acq: 8 Aug 2017 22:08

Tgt Ion:172 Resp: 703764
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 19.8 29.8



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

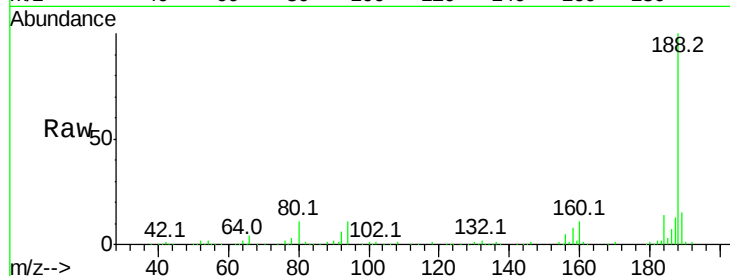




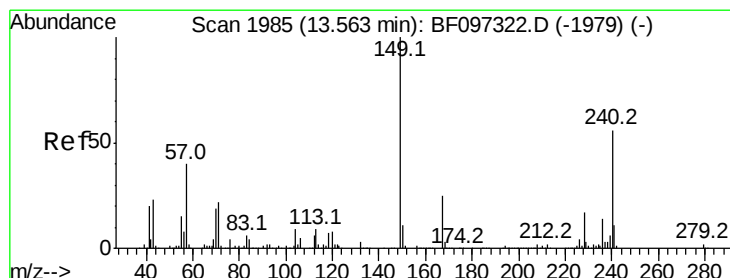
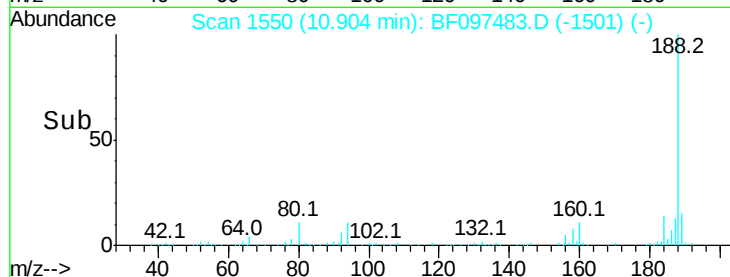
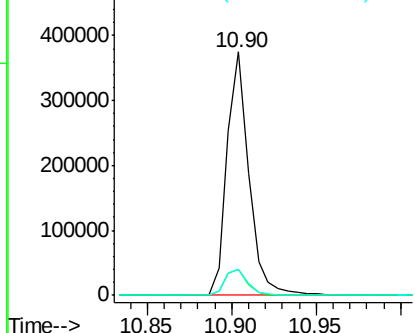
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Instrument :
BNA_F
ClientSampleId :
S-STOCKPILE-COMP

Tot Ion:188 Resp: 339763
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 10.8 10.2 15.2

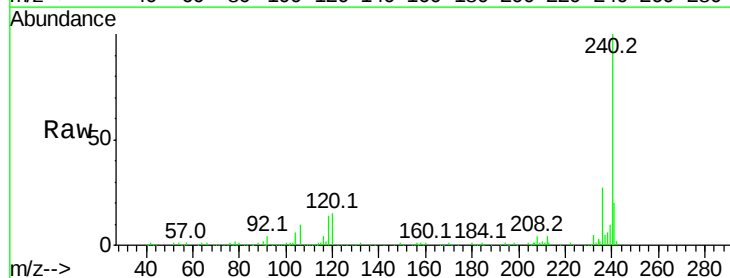


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

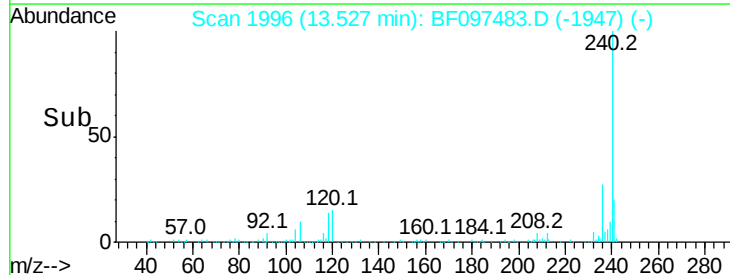
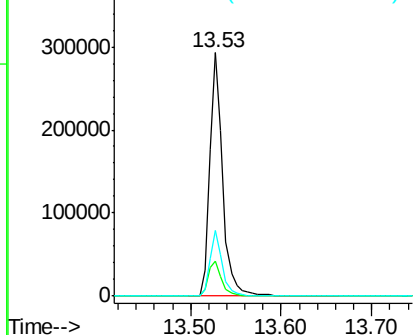


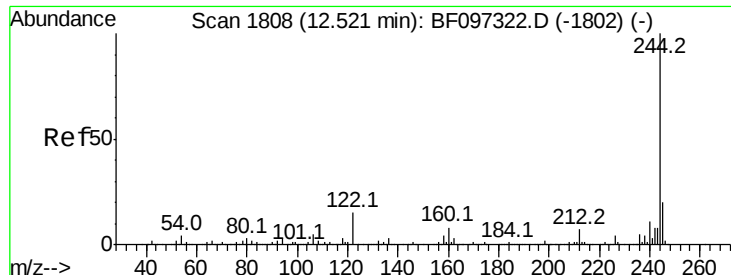
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF097483.D
Acq: 8 Aug 2017 22:08

Tgt Ion:240 Resp: 293784
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 26.8 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: 43.253 ng

RT: 12.49 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

Instrument :

BNA_F

ClientSampleId :

S-STOCKPILE-COMP

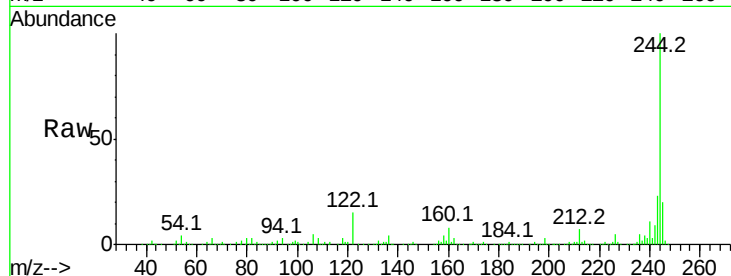
Tot Ion:244 Resp: 623251

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

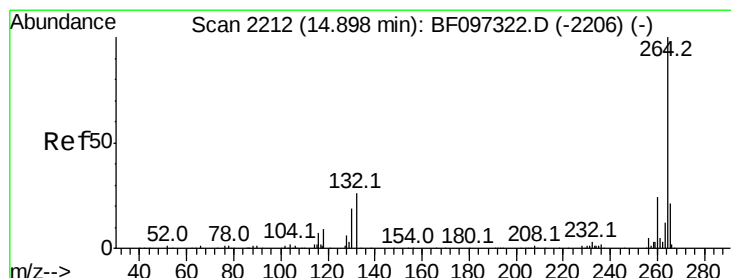
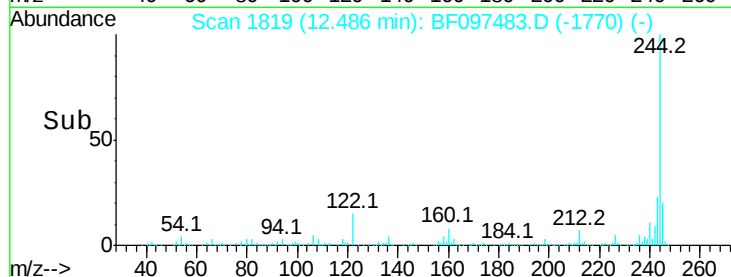
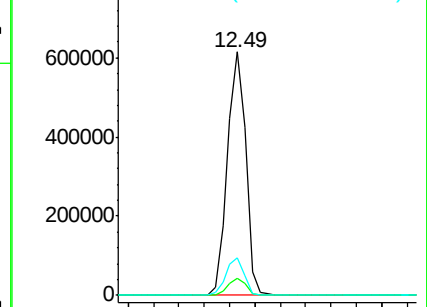
122 15.4 10.3 15.5



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: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097483.D

Acq: 8 Aug 2017 22:08

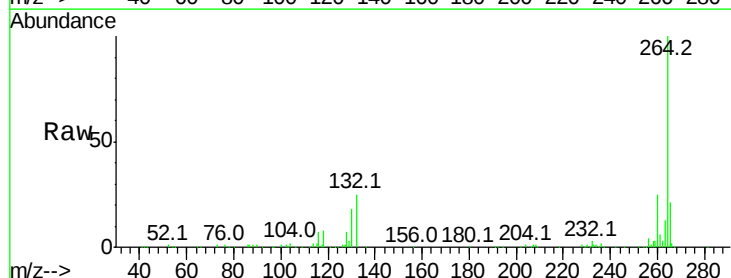
Tgt Ion:264 Resp: 226761

Ion Ratio Lower Upper

264 100

260 25.3 19.5 29.3

265 21.0 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

