

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
 Data File : BF097538.D
 Acq On : 10 Aug 2017 1:43
 Operator : SJ/JU
 Sample : I4677-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-E10-BASE

Quant Time: Aug 10 07:19:45 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

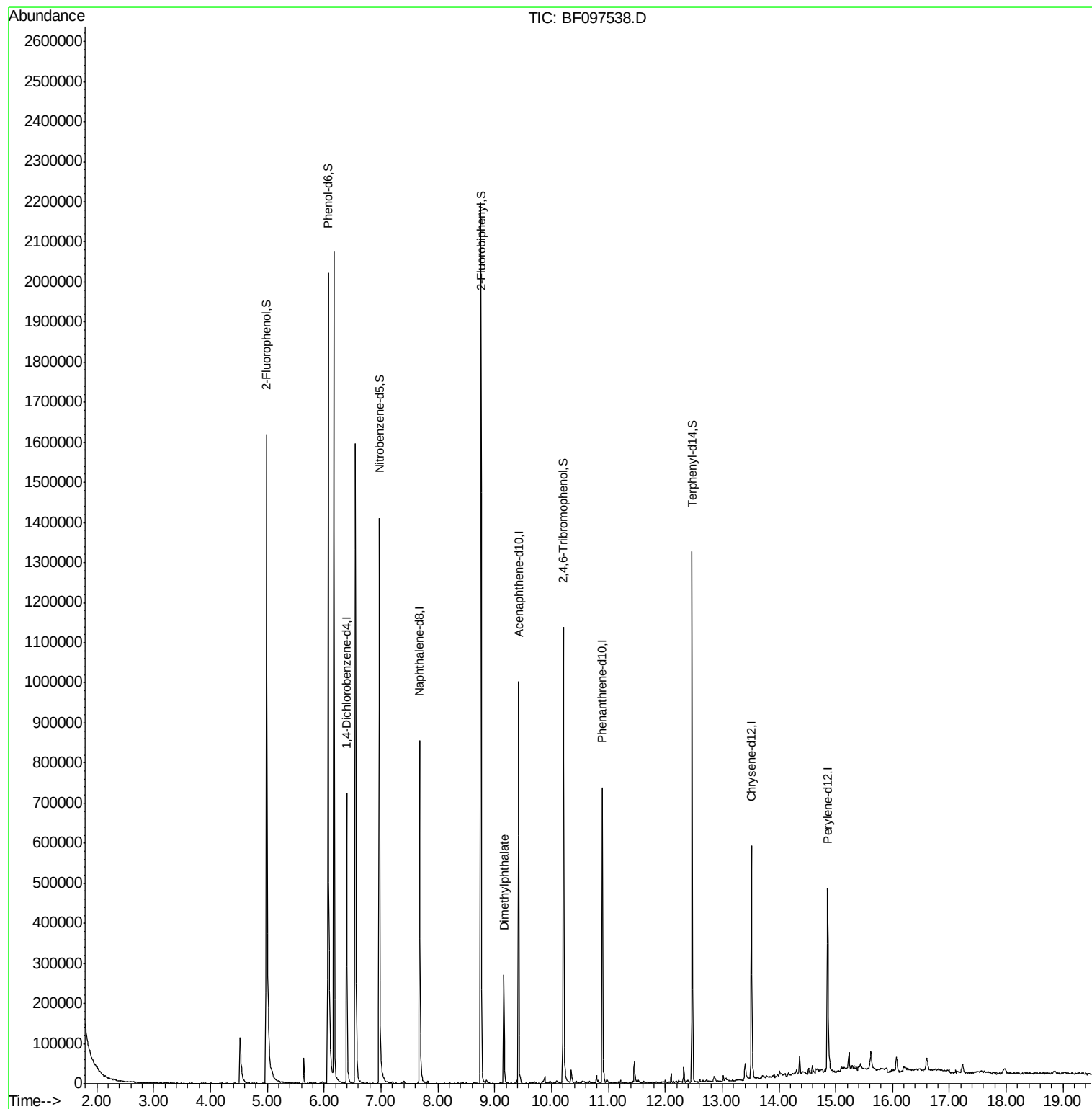
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	121126	20.00	ng	-0.02
21) Naphthalene-d8	7.68	136	434500	20.00	ng	-0.02
38) Acenaphthene-d10	9.42	164	186796	20.00	ng	-0.02
63) Phenanthrene-d10	10.89	188	287784	20.00	ng	-0.02
75) Chrysene-d12	13.52	240	210355	20.00	ng	-0.02
86) Perylene-d12	14.86	264	173318	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.99	112	634190	78.93	ng	-0.02
7) Phenol-d6	6.07	99	786915	85.79	ng	-0.02
23) Nitrobenzene-d5	6.97	82	458409	61.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.21	330	123642	83.78	ng	-0.02
44) 2-Fluorobiphenyl	8.76	172	687668	62.48	ng	-0.02
78) Terphenyl-d14	12.47	244	395377	38.32	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.16	163	117477	8.282	ng	Qvalue 97

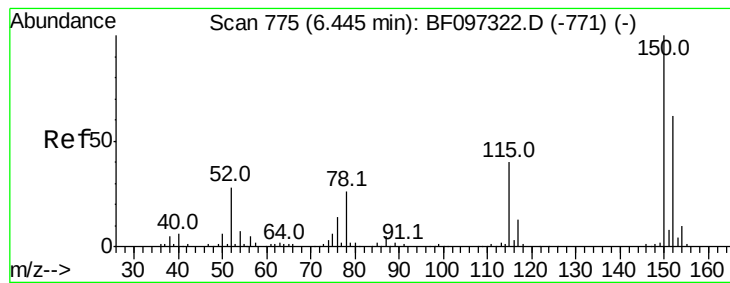
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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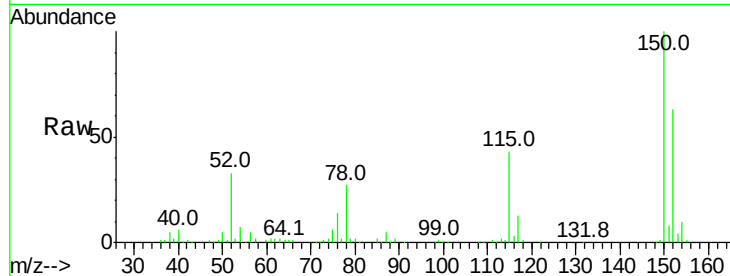


#1

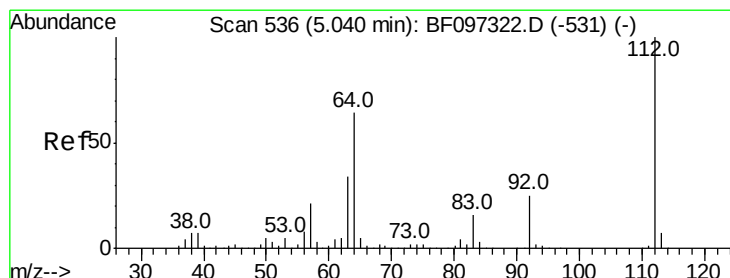
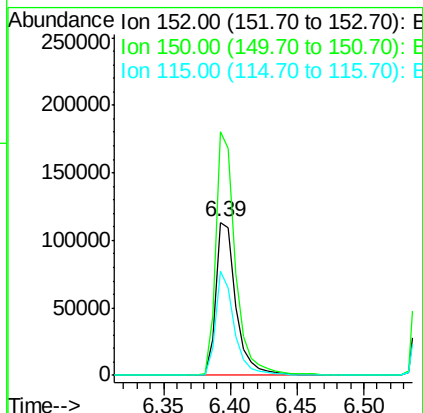
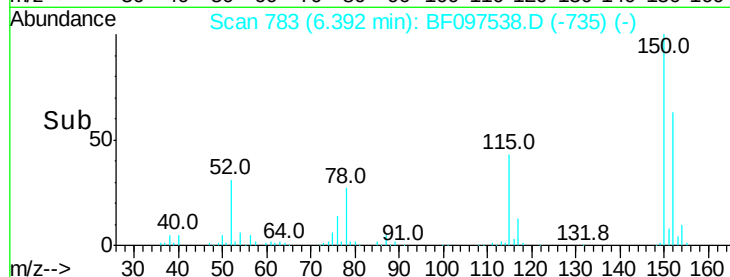
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.39 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF097538.D
Acq: 10 Aug 2017 1:43

Instrument :
BNA_F
ClientSampleId :
E2-E10-BASE

Tot Ion:152 Resp: 121126
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 68.0 52.2 78.2



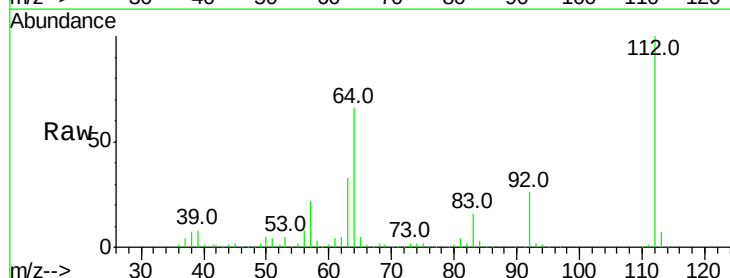
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



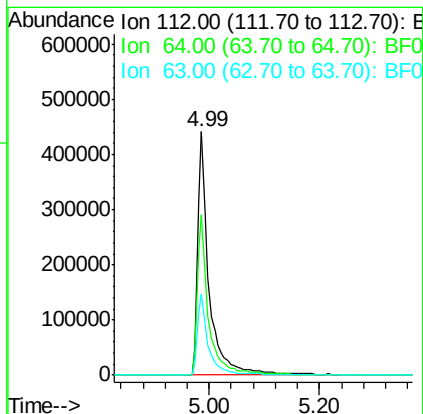
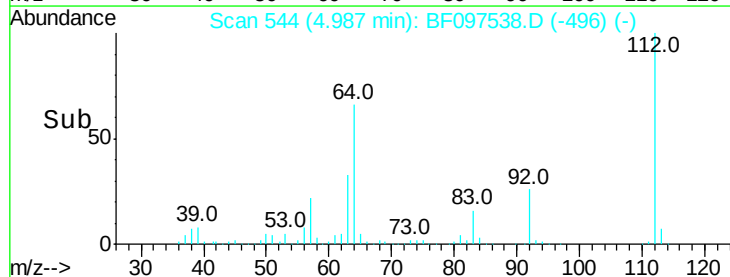
#5

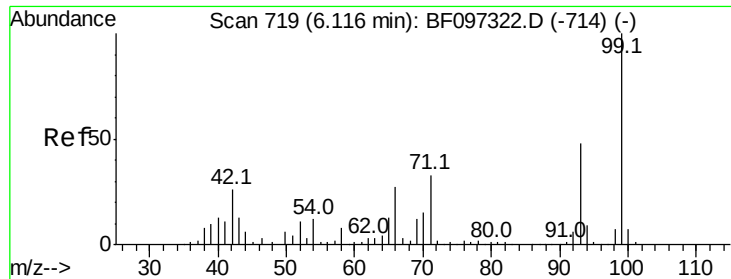
2-Fluorophenol
Concen: 78.929 ng
RT: 4.99 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF097538.D
Acq: 10 Aug 2017 1:43

Tgt Ion:112 Resp: 634190
Ion Ratio Lower Upper
112 100
64 66.0 46.0 69.0
63 33.4 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: 85.787 ng

RT: 6.07 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

Instrument :

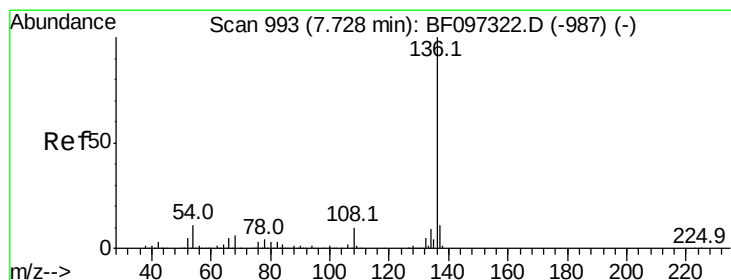
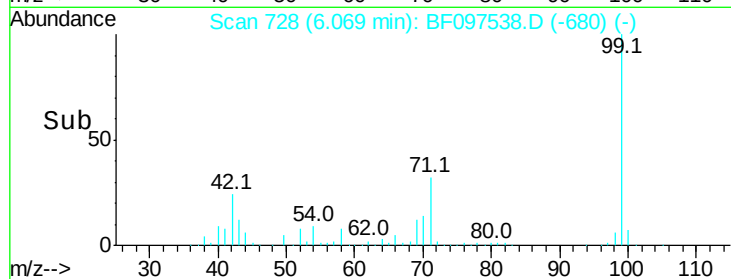
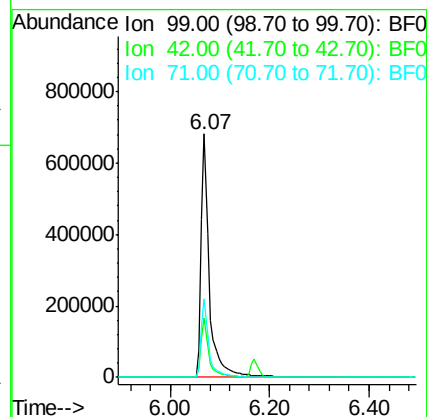
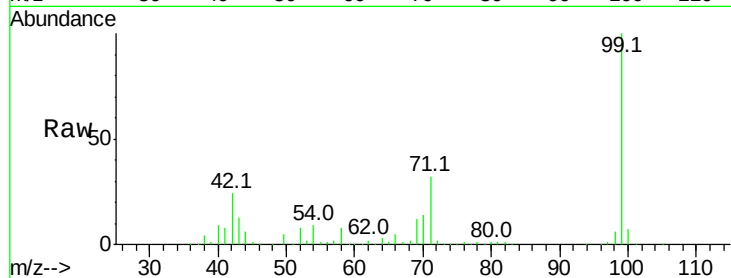
BNA_F

ClientSampleId :

E2-E10-BASE

Tot Ion: 99 Resp: 786915

Ion	Ratio	Lower	Upper
99	100		
42	24.5	13.5	20.3#
71	32.2	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.68 min Scan# 1002

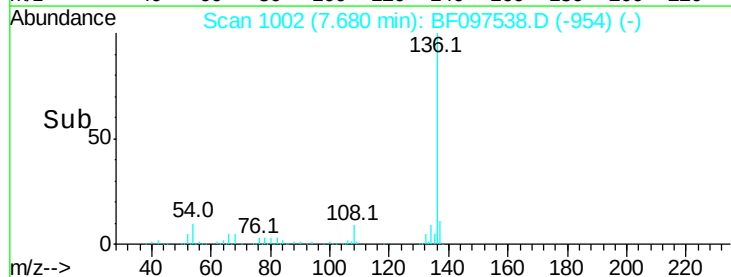
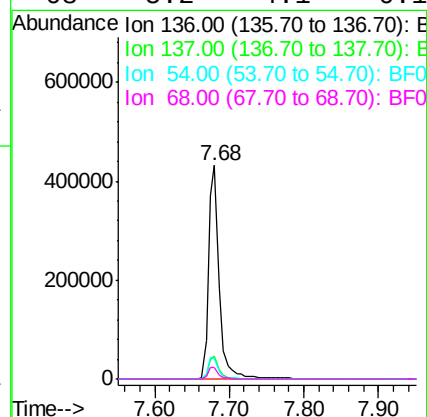
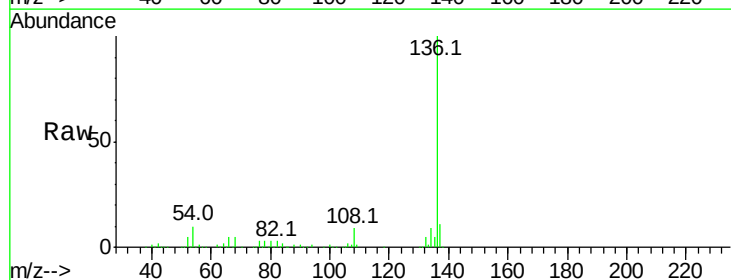
Delta R.T. -0.02 min

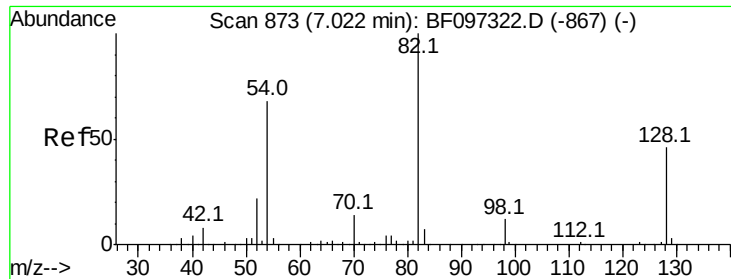
Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

Tgt Ion: 136 Resp: 434500

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.6	4.9	7.3#
68	5.2	4.1	6.1

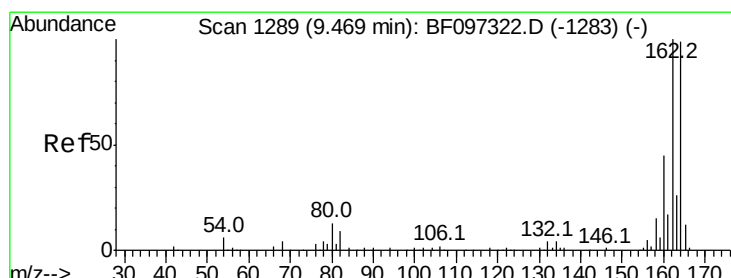
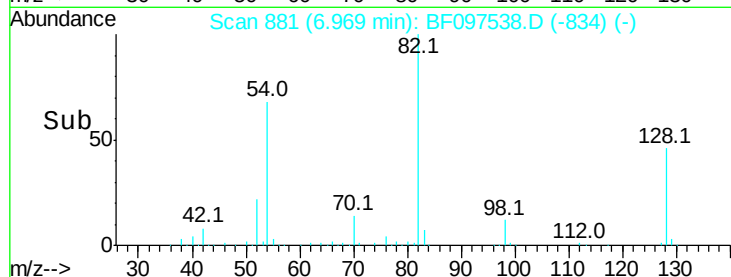
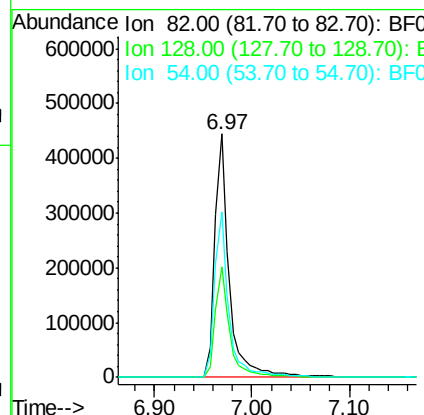
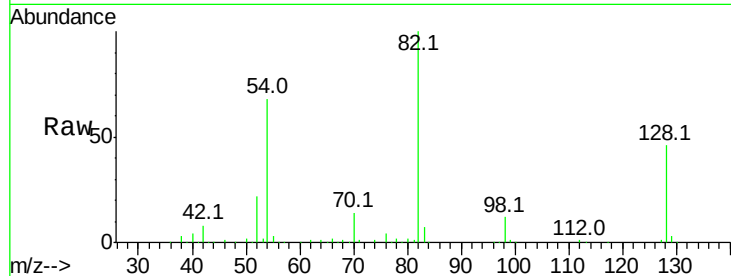




#23
 Nitrobenzene-d5
 Concen: 61.892 ng
 RT: 6.97 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF097538.D
 Acq: 10 Aug 2017 1:43

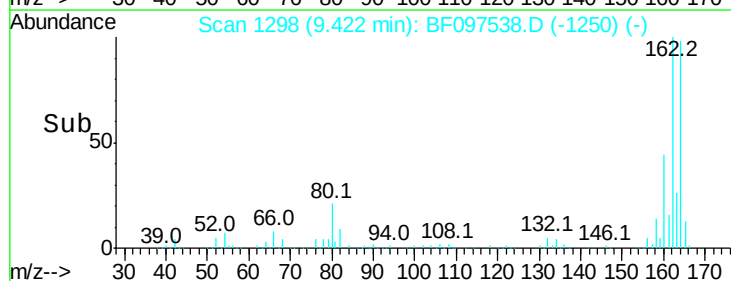
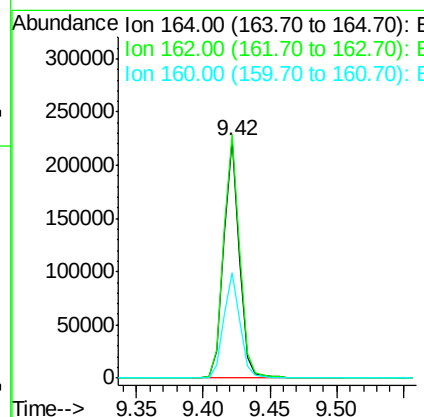
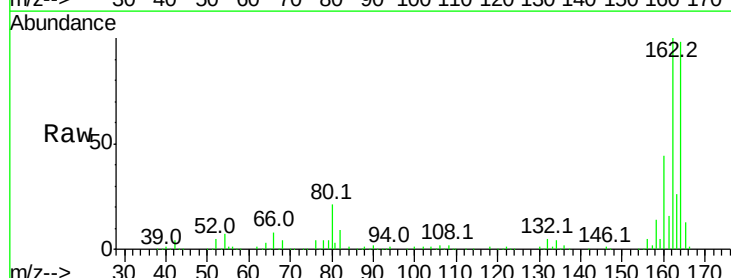
Instrument :
 BNA_F
 ClientSampleId :
 E2-E10-BASE

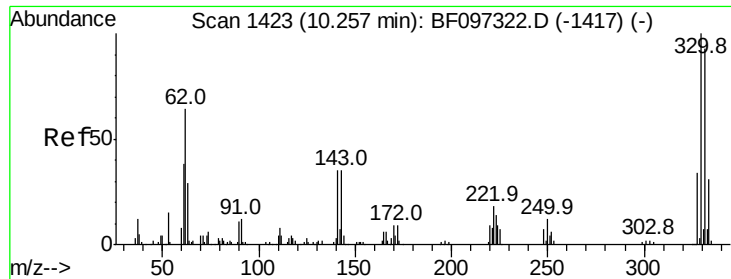
Tot Ion: 82 Resp: 458409
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.0 51.0
 54 67.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.42 min Scan# 1298
 Delta R.T. -0.02 min
 Lab File: BF097538.D
 Acq: 10 Aug 2017 1:43

Tgt Ion: 164 Resp: 186796
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 44.5 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 83.776 ng

RT: 10.21 min Scan# 1432

Delta R.T. -0.02 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

Instrument :

BNA_F

ClientSampleId :

E2-E10-BASE

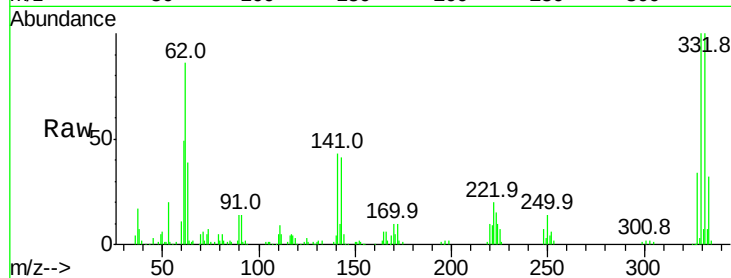
Tot Ion:330 Resp: 123642

Ion Ratio Lower Upper

330 100

332 101.3 76.6 115.0

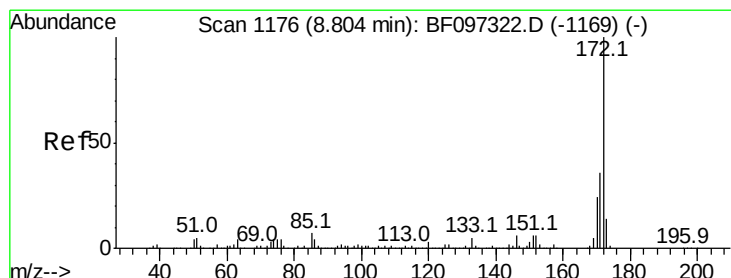
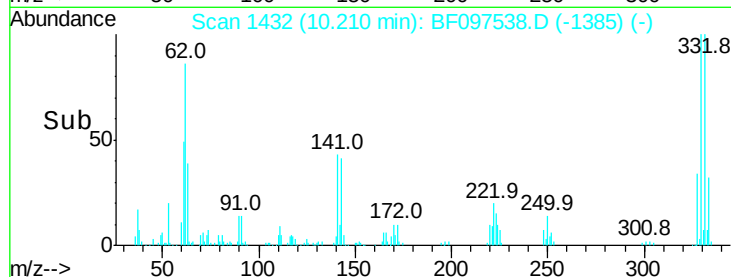
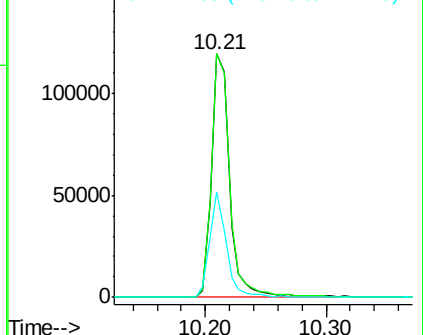
141 39.5 31.4 47.2



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: 62.477 ng

RT: 8.76 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

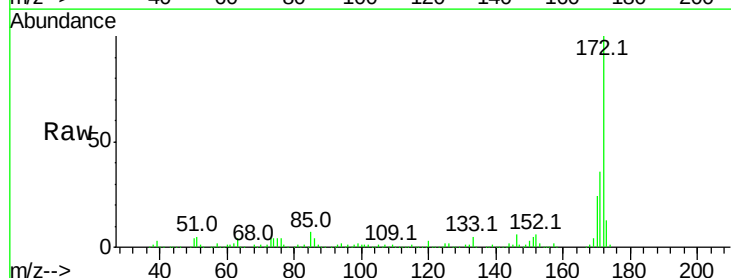
Tgt Ion:172 Resp: 687668

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

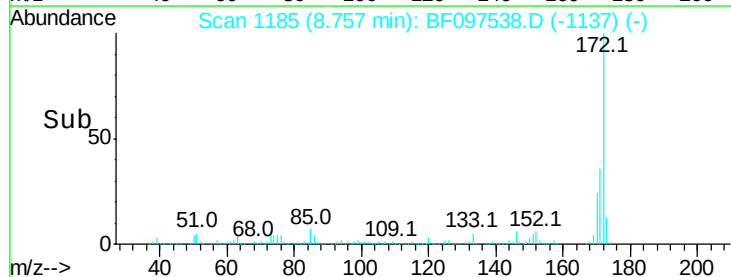
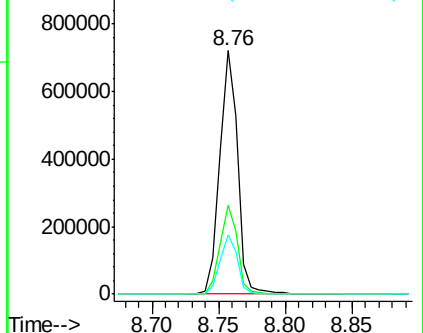
170 24.3 19.8 29.8

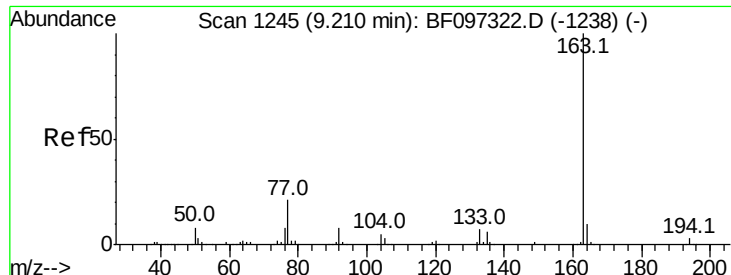


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

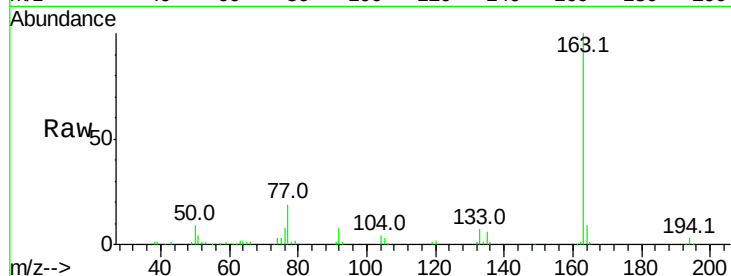




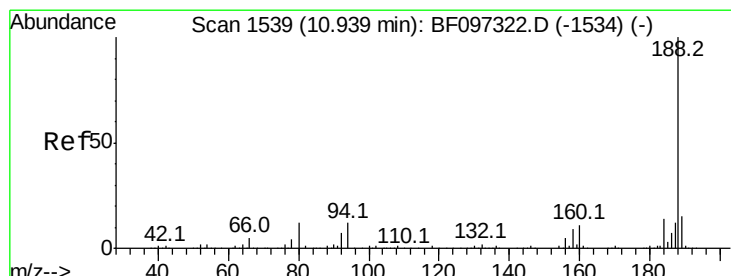
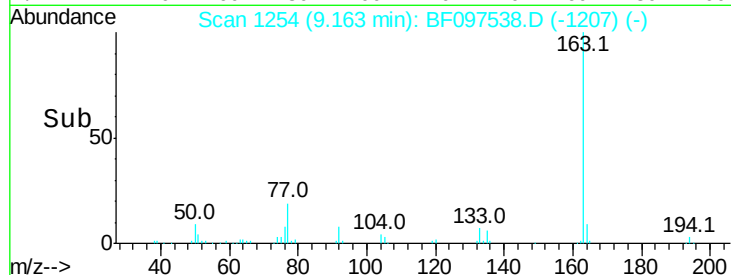
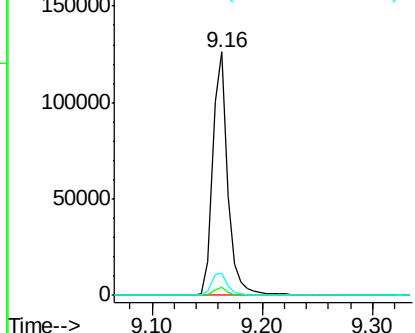
#49
 Dimethylphthalate
 Concen: 8.282 ng
 RT: 9.16 min Scan# 1254
 Delta R.T. -0.02 min
 Lab File: BF097538.D
 Acq: 10 Aug 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-E10-BASE

Tot Ion:163 Resp: 117477
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.1 8.4 12.6

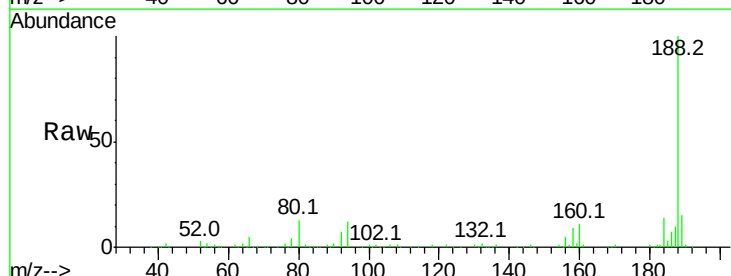


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

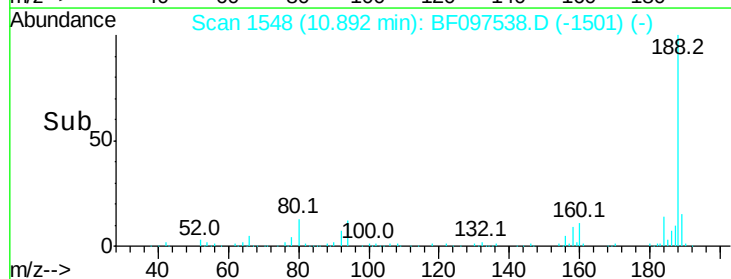
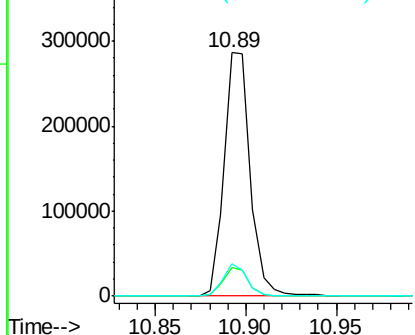


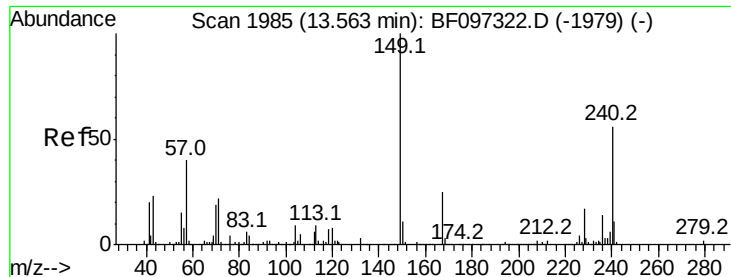
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 10.89 min Scan# 1548
 Delta R.T. -0.02 min
 Lab File: BF097538.D
 Acq: 10 Aug 2017 1:43

Tgt Ion:188 Resp: 287784
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 13.1 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: 13.52 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

Instrument :

BNA_F

ClientSampleId :

E2-E10-BASE

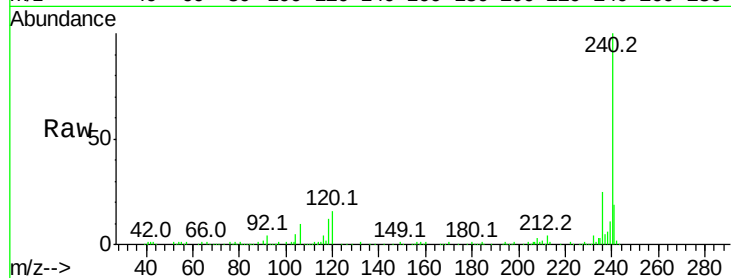
Tot Ion:240 Resp: 210355

Ion Ratio Lower Upper

240 100

120 15.9 5.8 8.8#

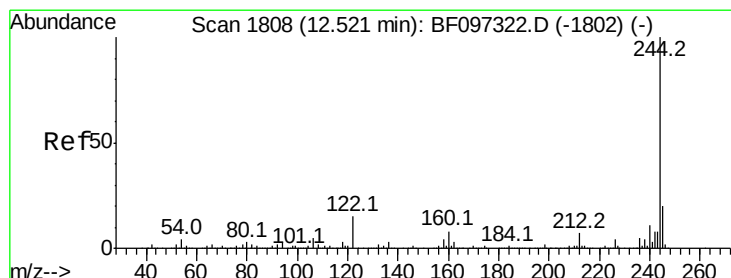
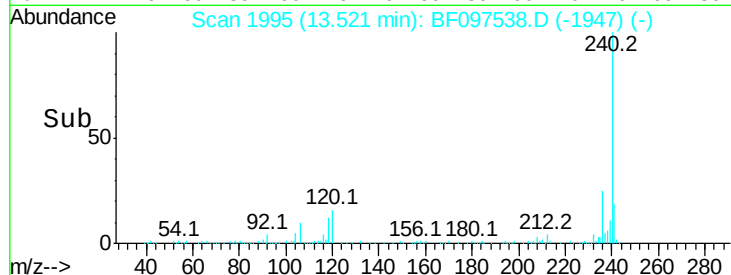
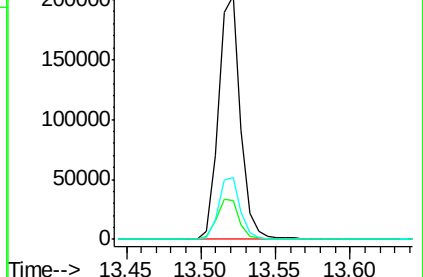
236 25.2 20.5 30.7



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: 38.322 ng

RT: 12.47 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF097538.D

Acq: 10 Aug 2017 1:43

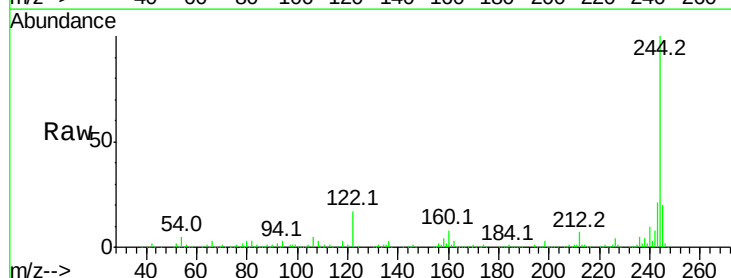
Tgt Ion:244 Resp: 395377

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

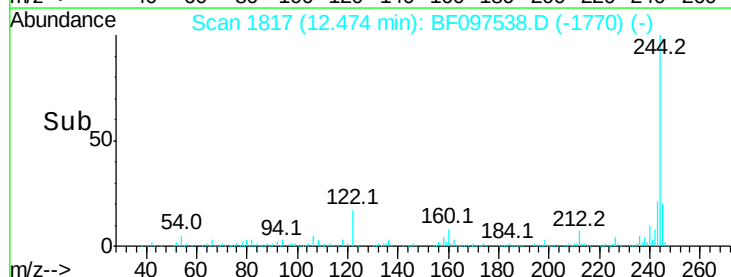
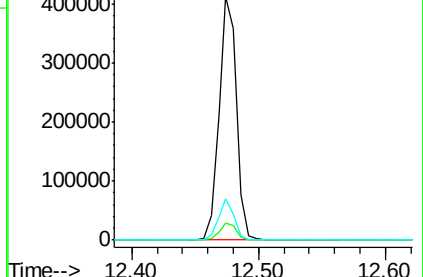
122 16.7 10.3 15.5#

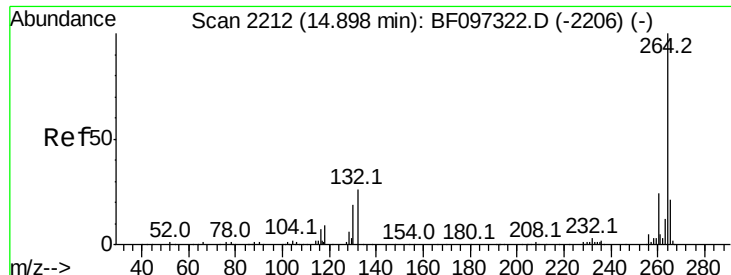


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

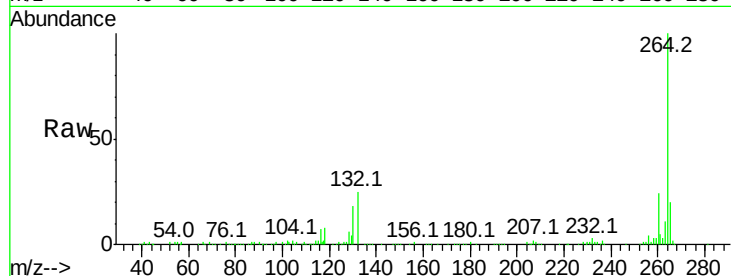




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.86 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BF097538.D
 Acq: 10 Aug 2017 1:43

Instrument :
 BNA_F
 ClientSampleId :
 E2-E10-BASE

Tot Ion:264 Resp: 173318
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 20.5 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

