

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097423.D
 Acq On : 6 Aug 2017 6:35
 Operator : SJ/JU
 Sample : I4593-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-294

Quant Time: Aug 06 08:09:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

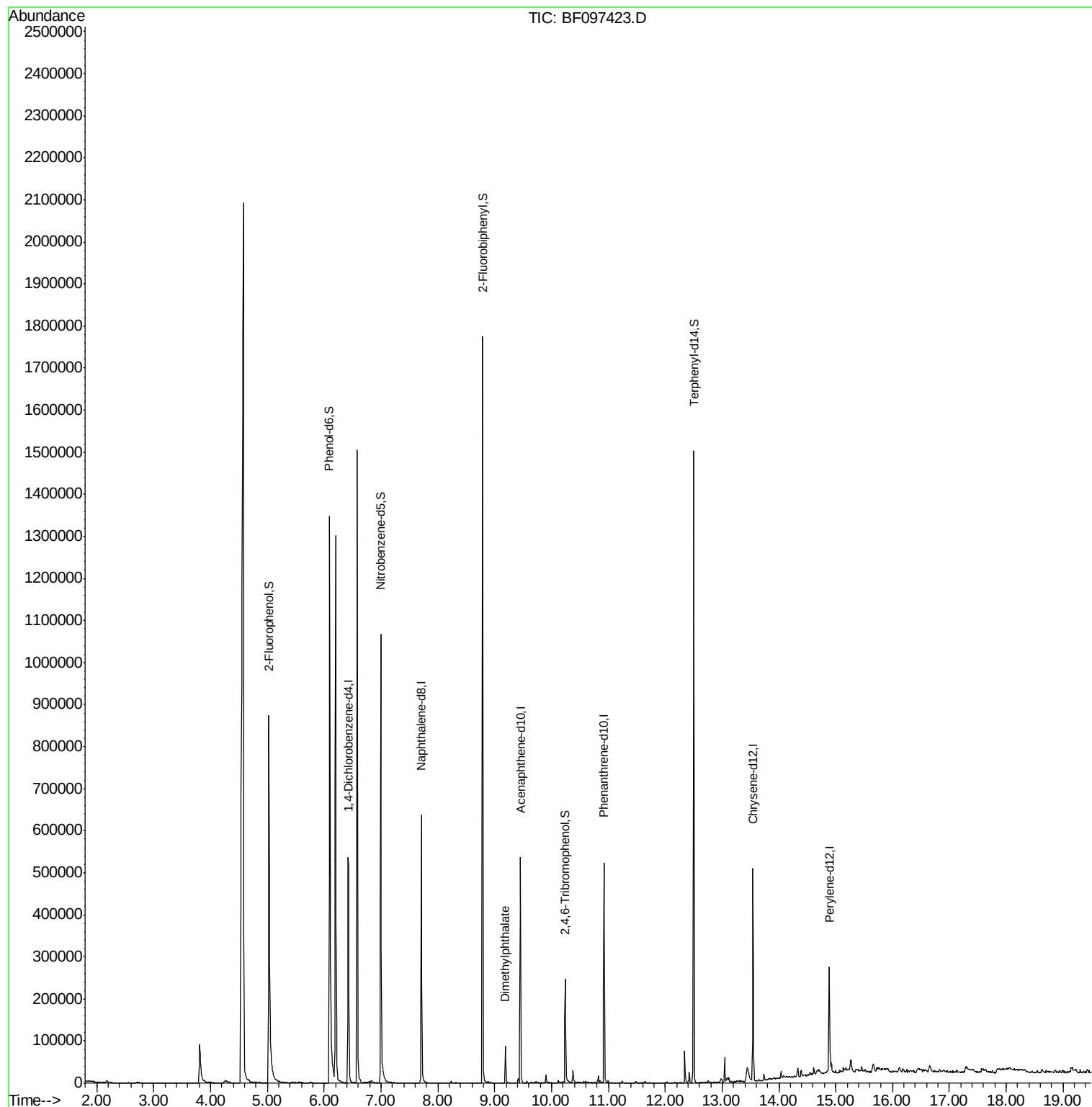
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	88303	20.00	ng	-0.07
21) Naphthalene-d8	7.71	136	328089	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	105086	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	184214	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	168070	20.00	ng	-0.08
86) Perylene-d12	14.89	264	104733	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	362435	61.87	ng	-0.07
7) Phenol-d6	6.09	99	548773	82.06	ng	-0.08
23) Nitrobenzene-d5	6.99	82	372348	66.58	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	30064	36.21	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	553108	89.32	ng	-0.08
78) Terphenyl-d14	12.50	244	430706	52.25	ng	-0.08
Target Compounds						Qvalue
49) Dimethylphthalate	9.19	163	40459	5.070	ng	98

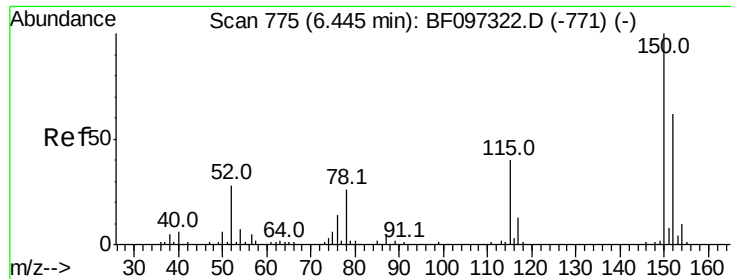
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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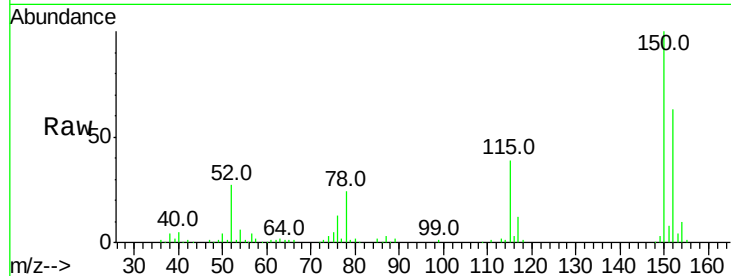


#1

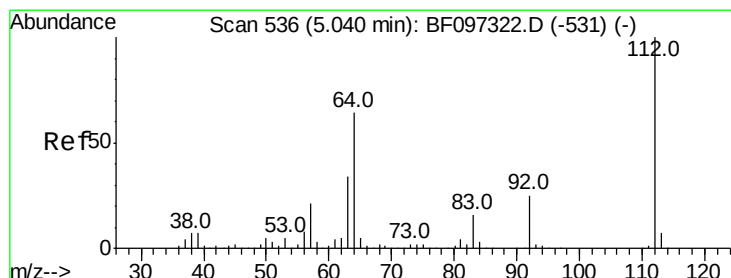
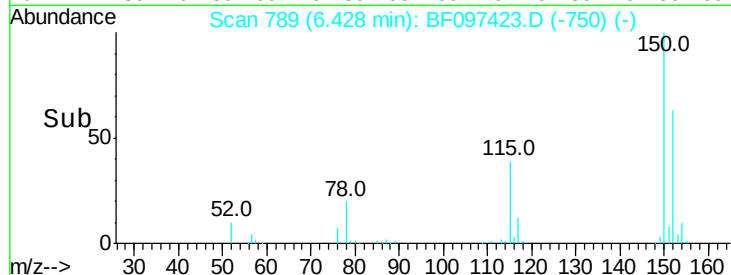
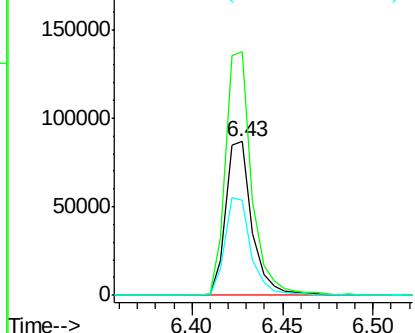
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.43 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF097423.D
Acq: 6 Aug 2017 6:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-294

Tot Ion:152 Resp: 88303
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 61.6 52.2 78.2



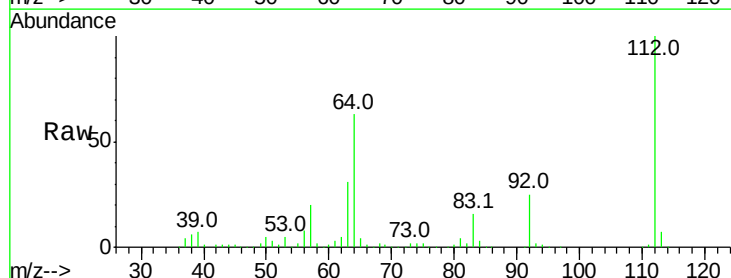
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



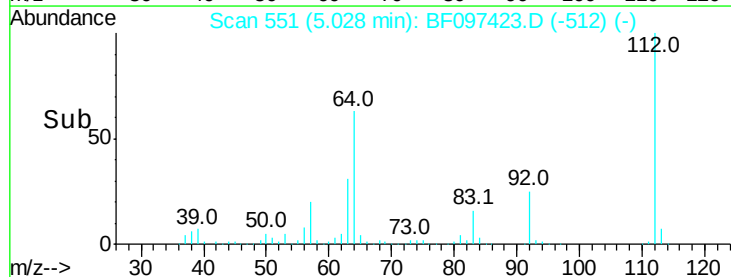
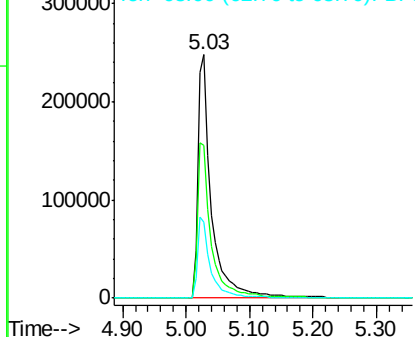
#5

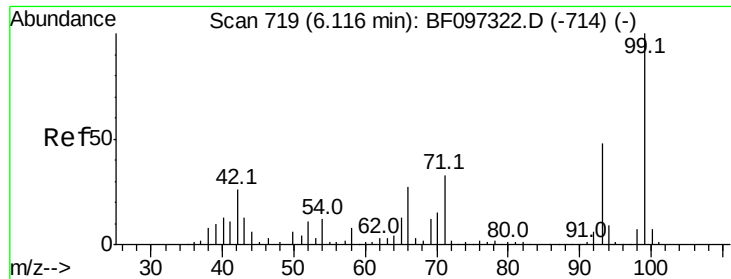
2-Fluorophenol
Concen: 61.874 ng
RT: 5.03 min Scan# 551
Delta R.T. -0.07 min
Lab File: BF097423.D
Acq: 6 Aug 2017 6:35

Tgt Ion:112 Resp: 362435
Ion Ratio Lower Upper
112 100
64 62.8 46.0 69.0
63 31.3 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: 82.064 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.08 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-294

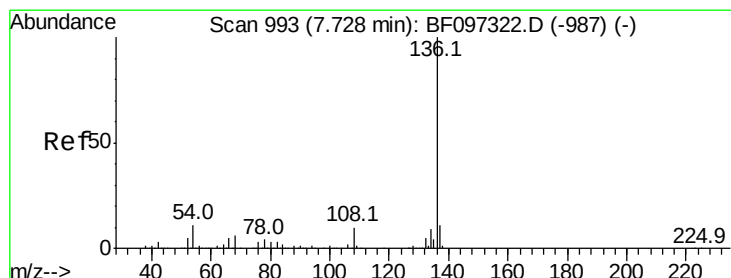
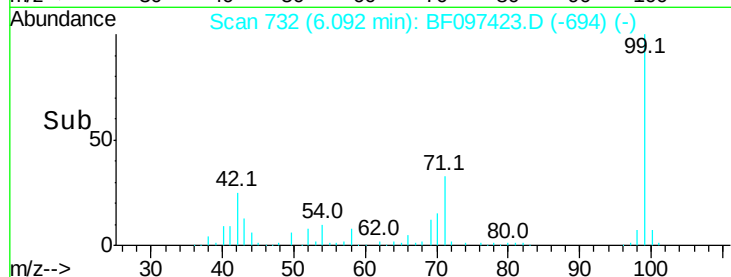
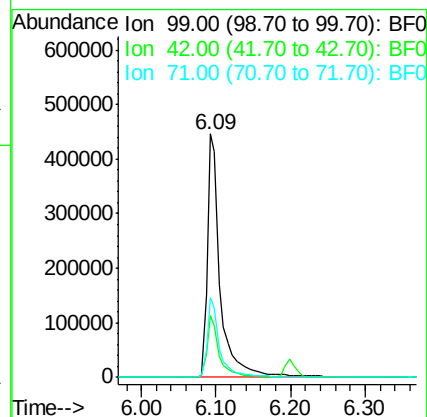
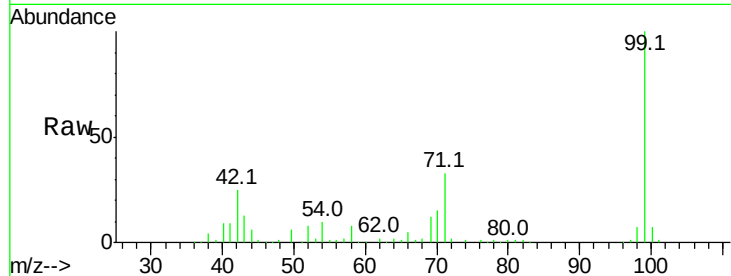
Tot Ion: 99 Resp: 548773

Ion Ratio Lower Upper

99 100

42 25.4 13.5 20.3#

71 32.6 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.08 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

Tgt Ion: 136 Resp: 328089

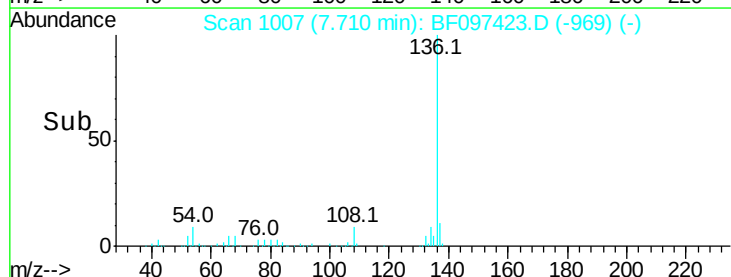
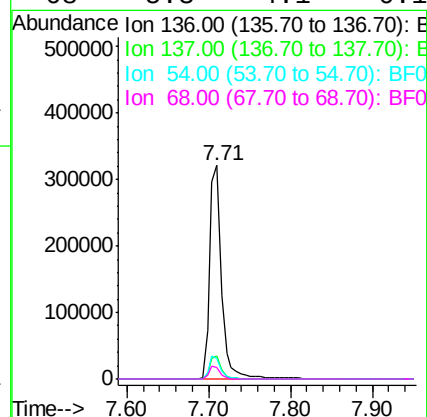
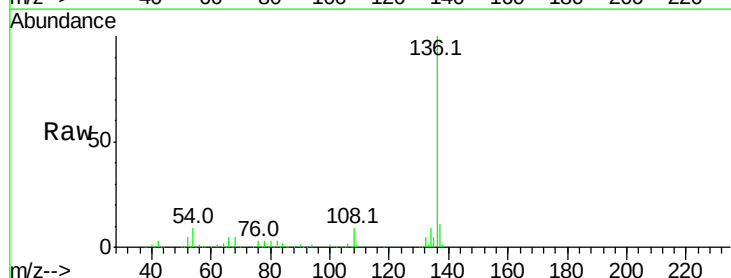
Ion Ratio Lower Upper

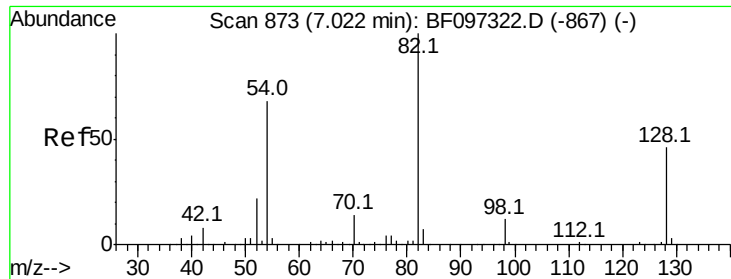
136 100

137 10.6 8.5 12.7

54 9.4 4.9 7.3#

68 5.3 4.1 6.1

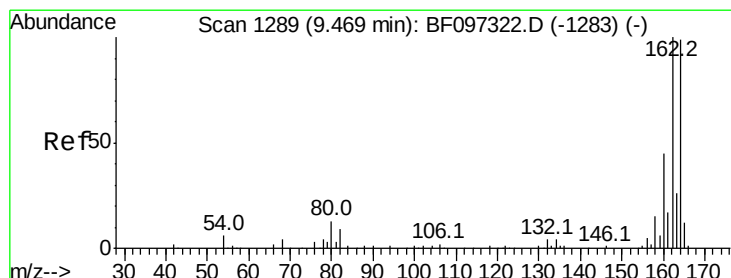
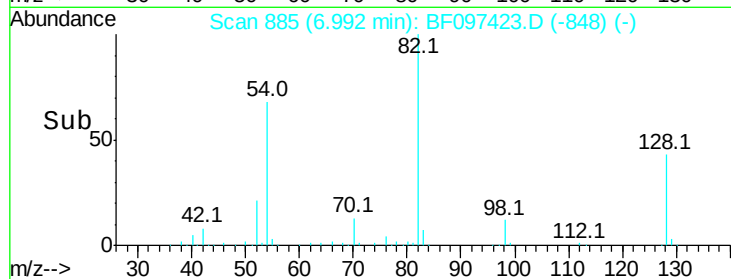
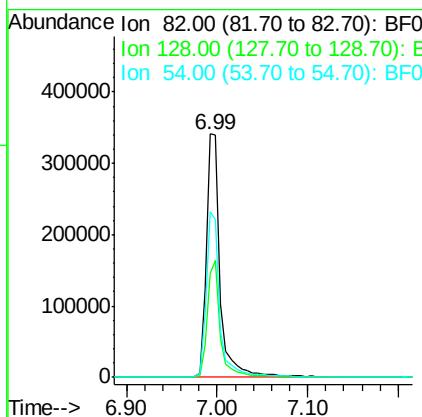
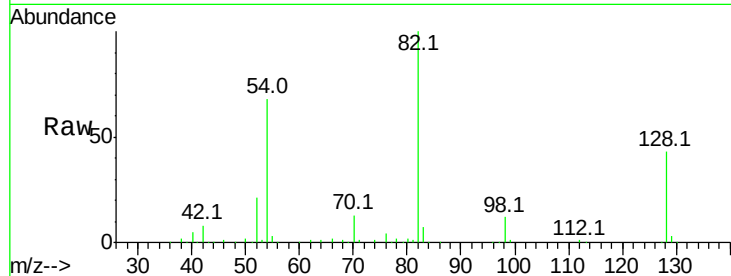




#23
 Nitrobenzene-d5
 Concen: 66.578 ng
 RT: 6.99 min Scan# 885
 Delta R.T. -0.08 min
 Lab File: BF097423.D
 Acq: 6 Aug 2017 6:35

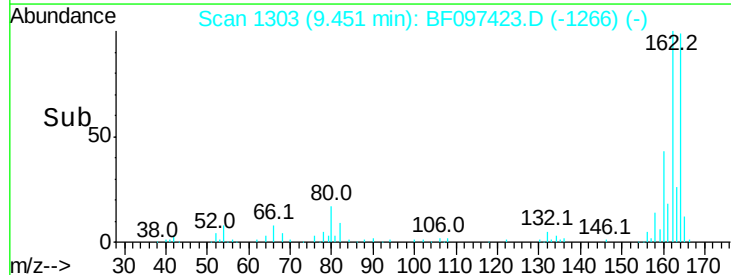
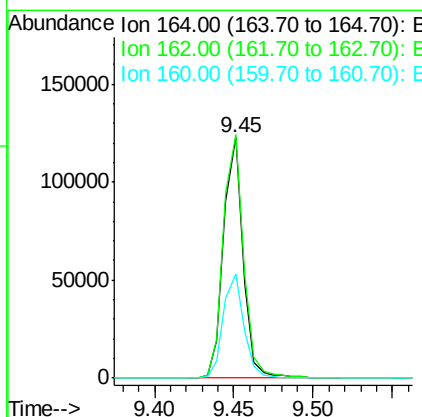
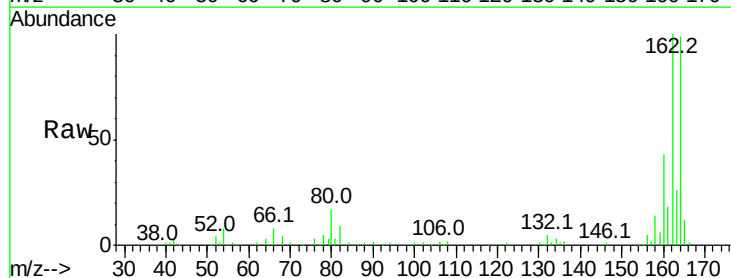
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-294

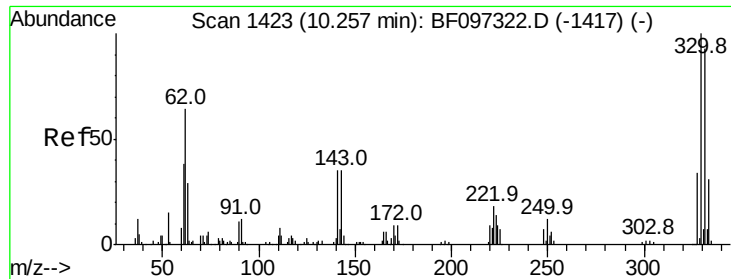
Tot Ion: 82 Resp: 372348
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.0 51.0
 54 68.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097423.D
 Acq: 6 Aug 2017 6:35

Tgt Ion:164 Resp: 105086
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 123.8
 160 43.5 36.2 54.2

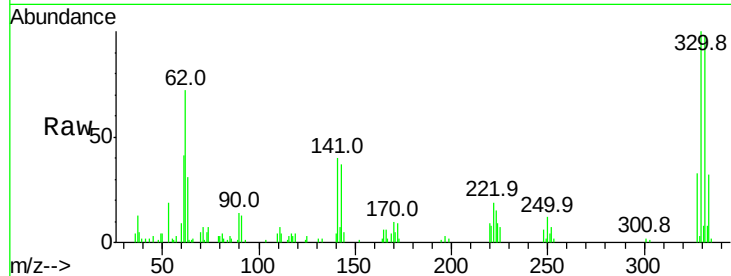




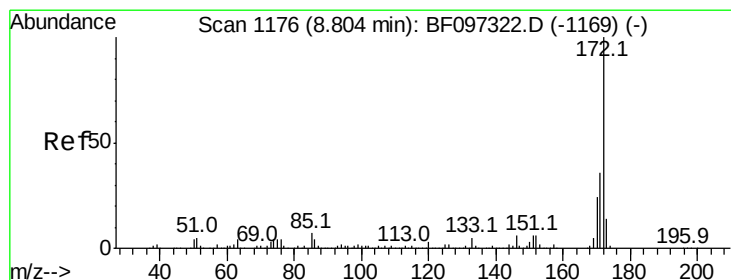
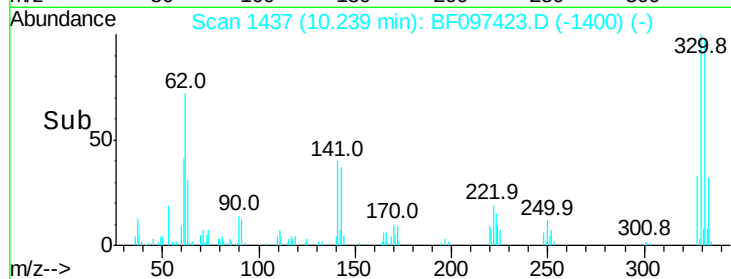
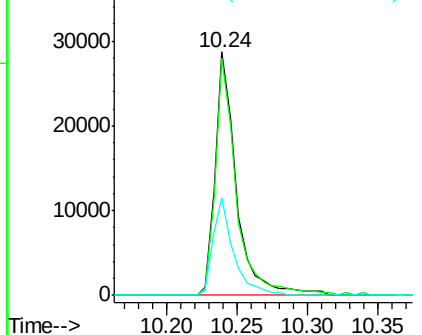
#41
 2,4,6-Tribromophenol
 Concen: 36.209 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097423.D
 Acq: 6 Aug 2017 6:35

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-294

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	38.6	31.4	47.2

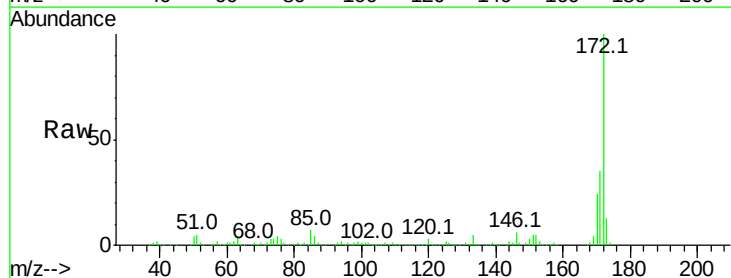


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

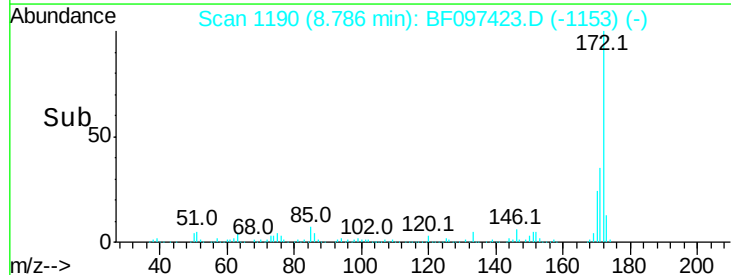
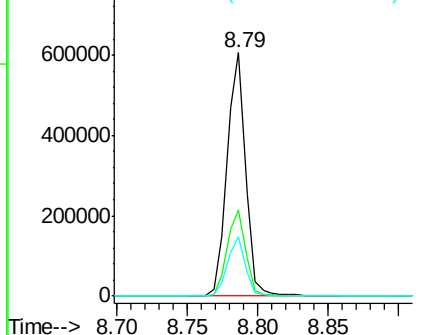


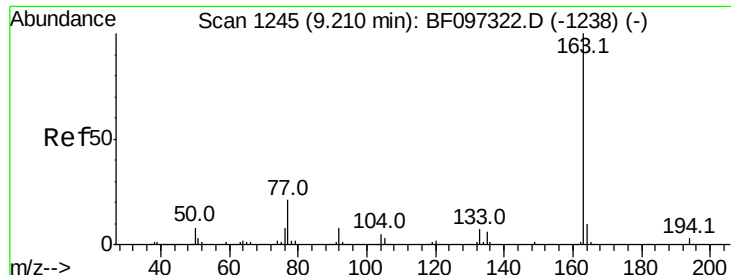
#44
 2-Fluorobiphenyl
 Concen: 89.325 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097423.D
 Acq: 6 Aug 2017 6:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.4	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

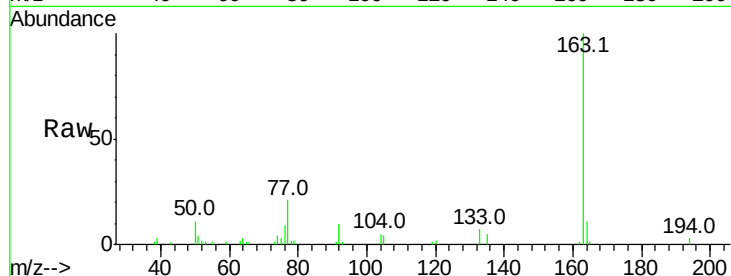




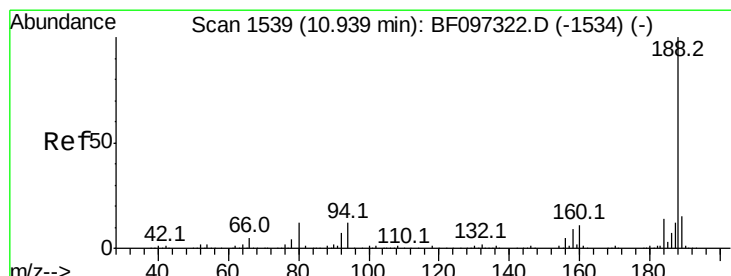
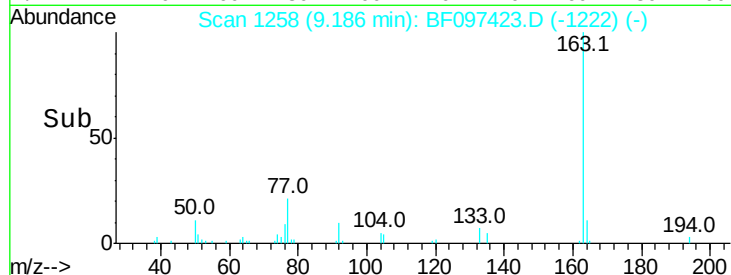
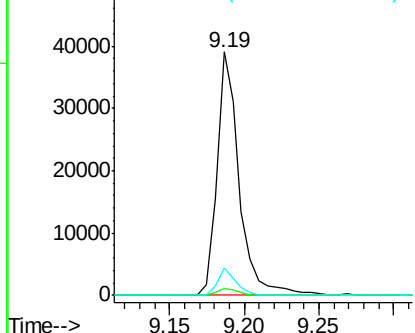
#49
Dimethylphthalate
Concen: 5.070 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097423.D
Acq: 6 Aug 2017 6:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-294

Tot Ion:163 Resp: 40459
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 11.2 8.4 12.6

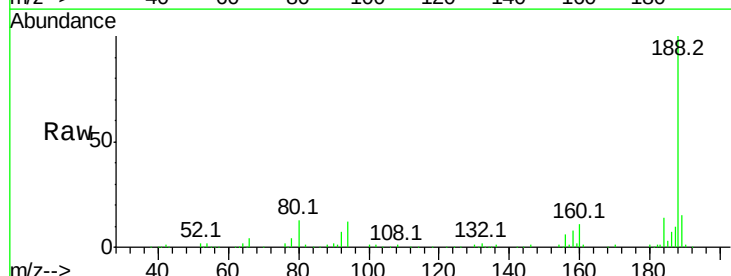


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

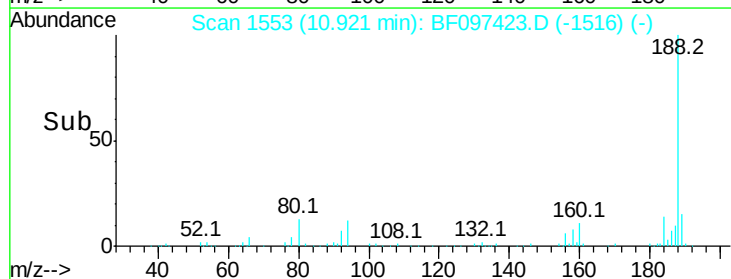
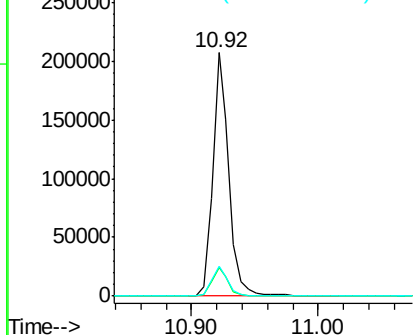


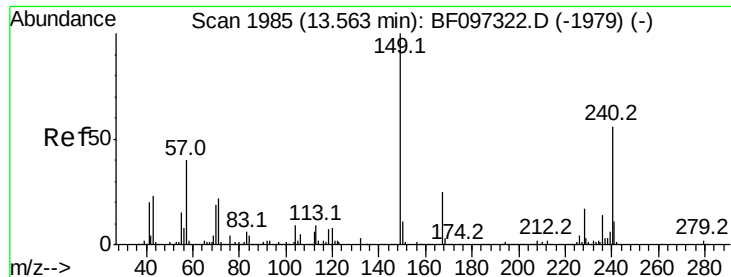
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097423.D
Acq: 6 Aug 2017 6:35

Tgt Ion:188 Resp: 184214
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.5 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: 13.54 min Scan# 1999

Delta R.T. -0.08 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-294

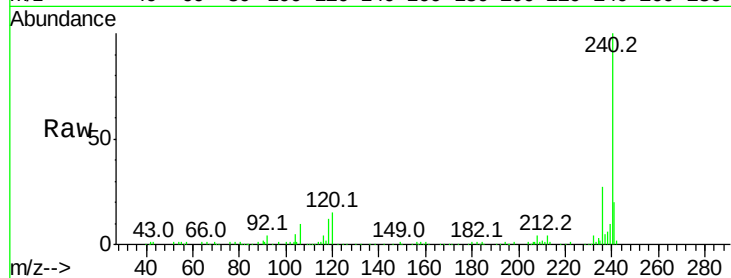
Tot Ion:240 Resp: 168070

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

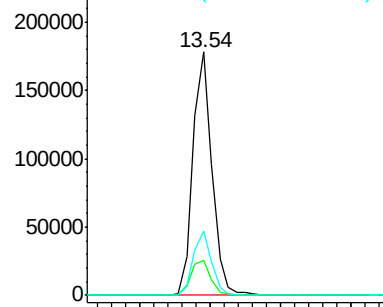
236 26.7 20.5 30.7



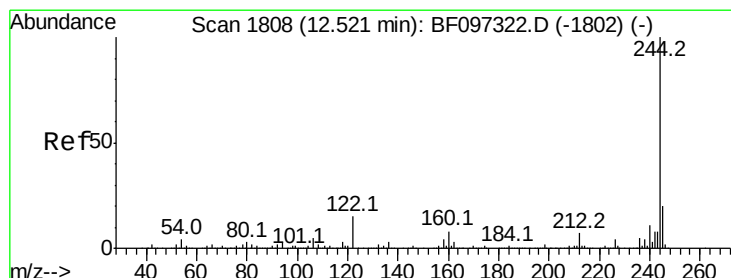
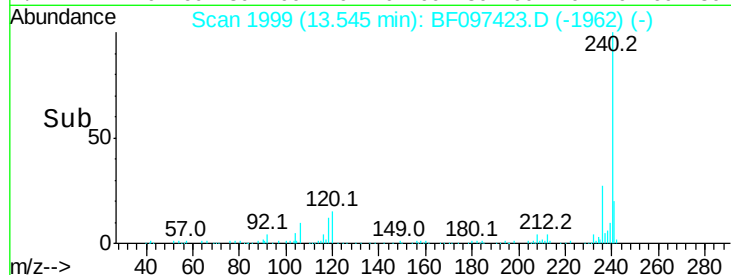
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 52.249 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097423.D

Acq: 6 Aug 2017 6:35

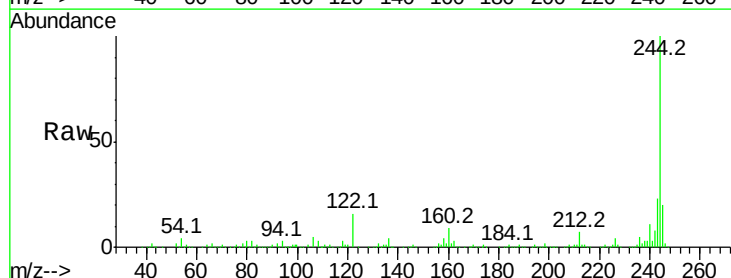
Tgt Ion:244 Resp: 430706

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

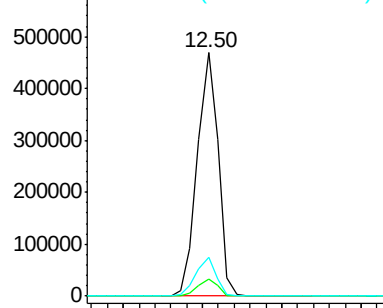
122 15.7 10.3 15.5#



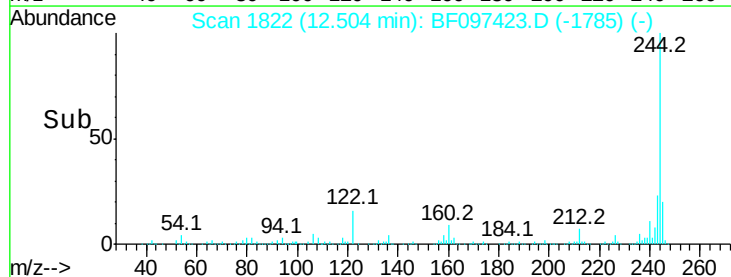
Abundance Ion 244.00 (243.70 to 244.70): E

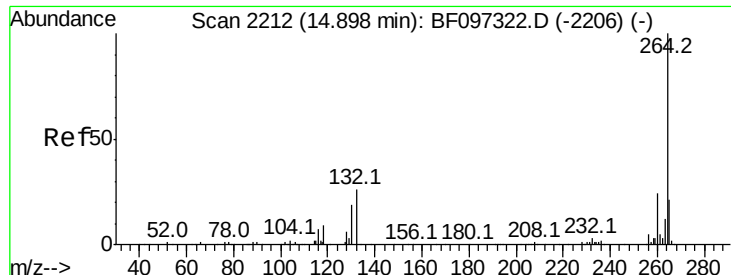
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

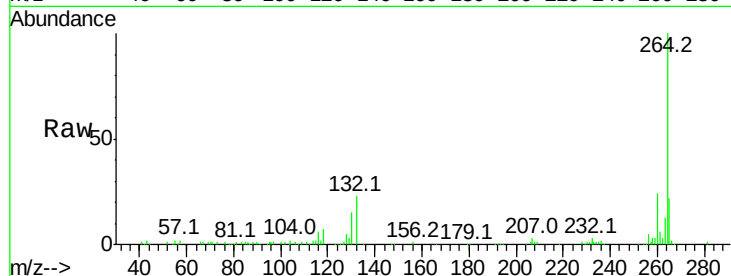




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097423.D
Acq: 6 Aug 2017 6:35

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-294

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.8	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

