

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097505.D
 Acq On : 9 Aug 2017 8:59
 Operator : SJ/JU
 Sample : PB101261TB
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101261TB

Quant Time: Aug 09 11:10:02 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	105479	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	443321	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	167269	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	248736	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	194665	20.00	ng	0.00
86) Perylene-d12	14.87	264	133891	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	824024	117.77	ng	0.01
7) Phenol-d6	6.08	99	965410	120.86	ng	0.00
23) Nitrobenzene-d5	6.98	82	573506	75.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	150573	113.93	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	945767	95.96	ng	0.00
78) Terphenyl-d14	12.49	244	601423	62.99	ng	0.00

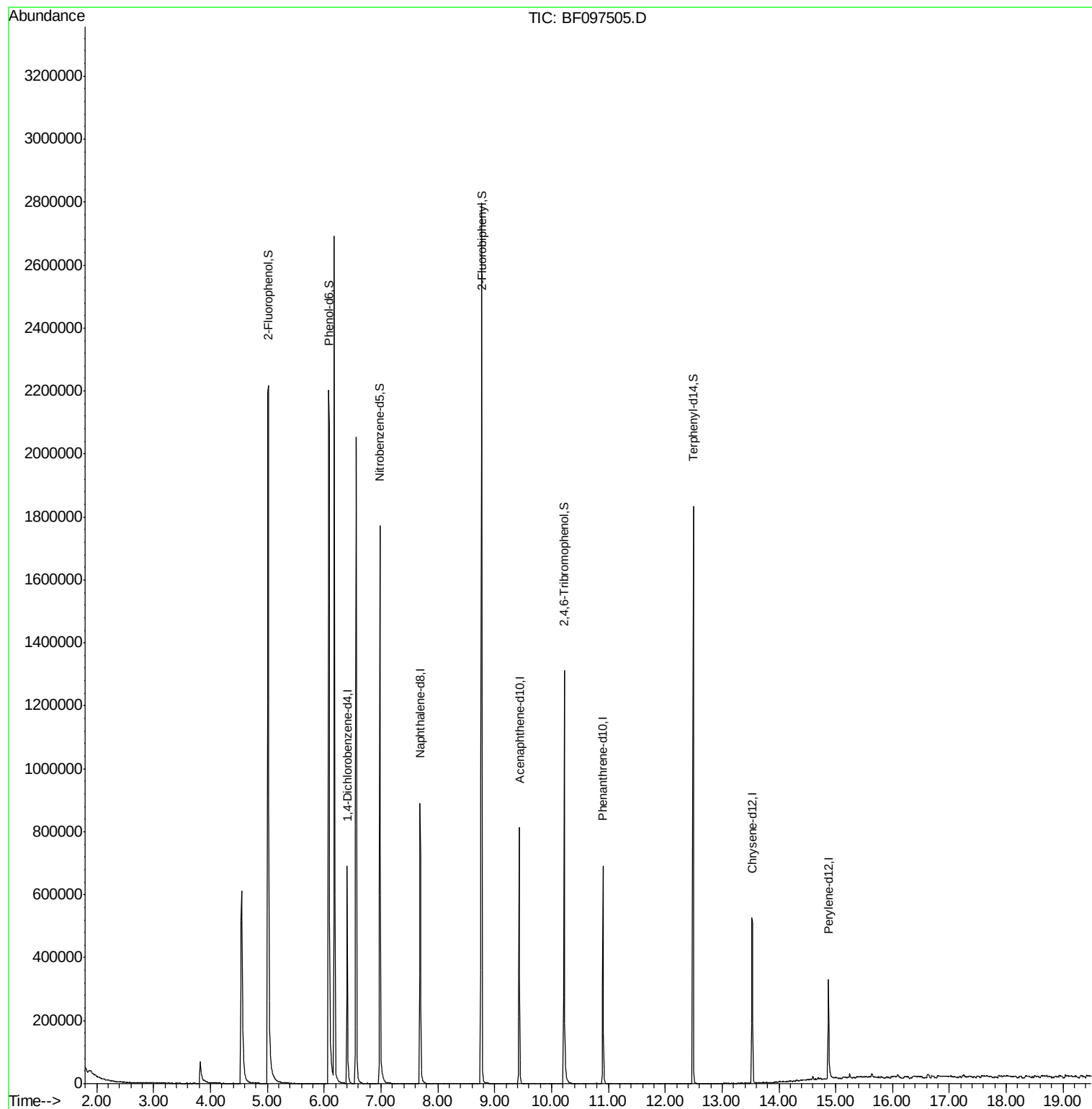
Target Compounds Qvalue

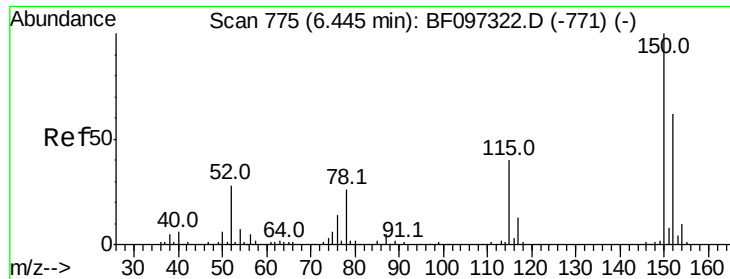
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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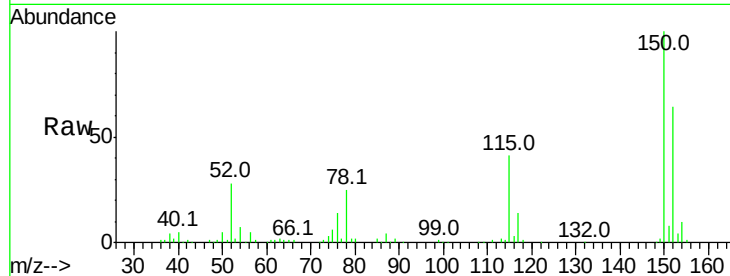


#1

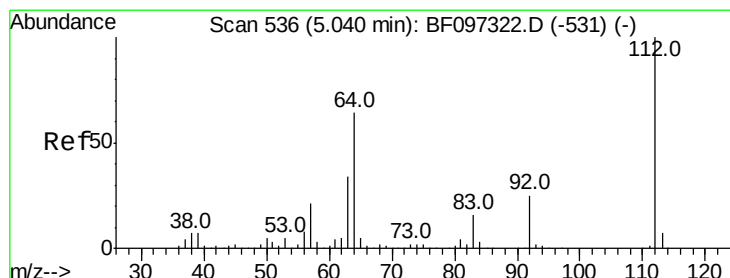
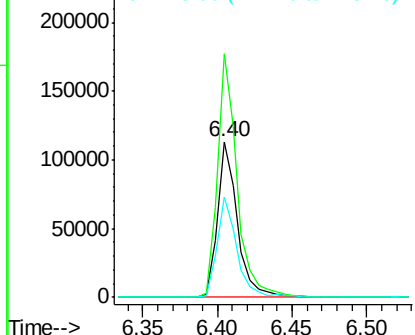
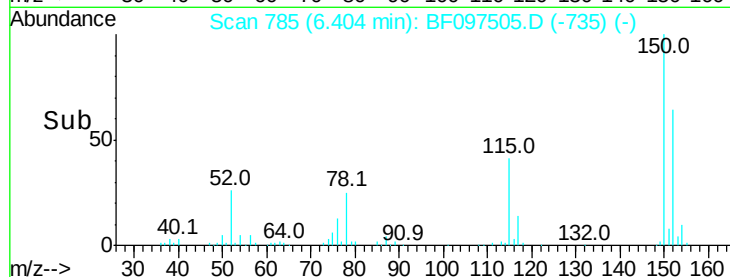
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097505.D
Acq: 9 Aug 2017 8:59

Instrument :
BNA_F
ClientSampleId :
PB101261TB

Tot Ion:152 Resp: 105479
Ion Ratio Lower Upper
152 100
150 156.5 126.2 189.2
115 64.2 52.2 78.2



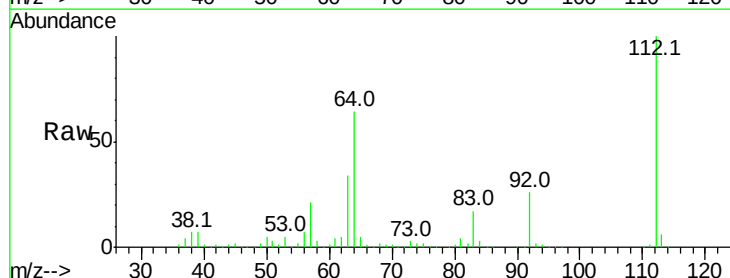
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



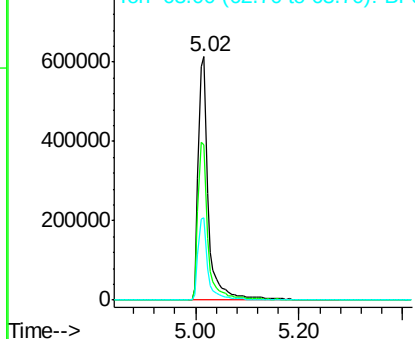
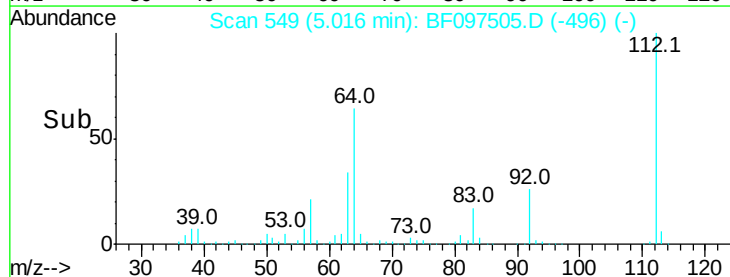
#5

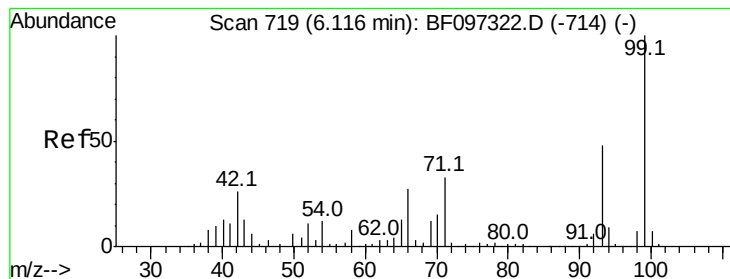
2-Fluorophenol
Concen: 117.768 ng
RT: 5.02 min Scan# 549
Delta R.T. 0.01 min
Lab File: BF097505.D
Acq: 9 Aug 2017 8:59

Tgt Ion:112 Resp: 824024
Ion Ratio Lower Upper
112 100
64 63.8 46.0 69.0
63 33.9 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: 120.859 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

Instrument :

BNA_F

ClientSampleId :

PB101261TB

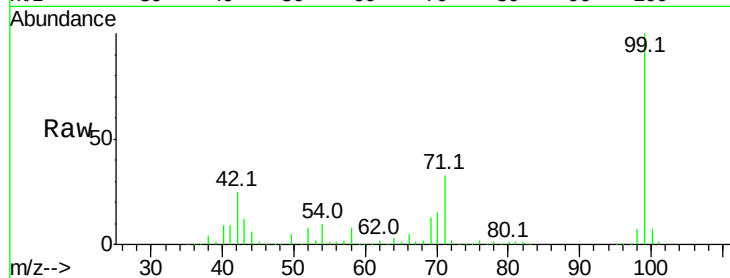
Tot Ion: 99 Resp: 965410

Ion Ratio Lower Upper

99 100

42 24.7 13.5 20.3#

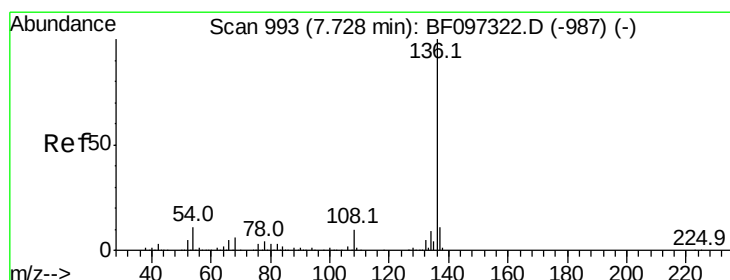
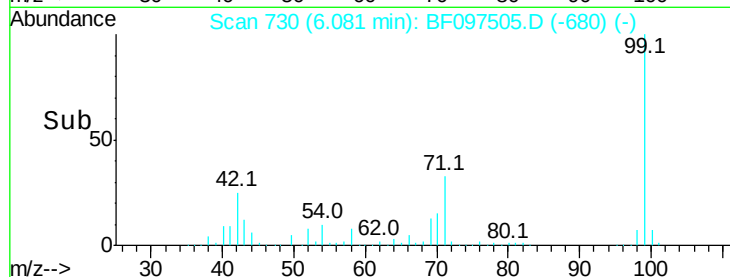
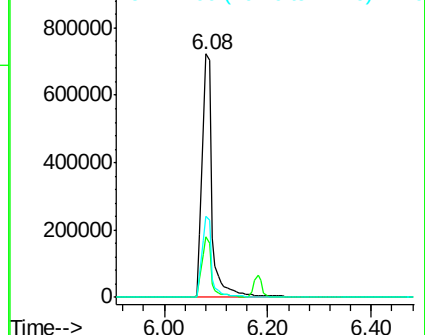
71 33.4 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

Tgt Ion: 136 Resp: 443321

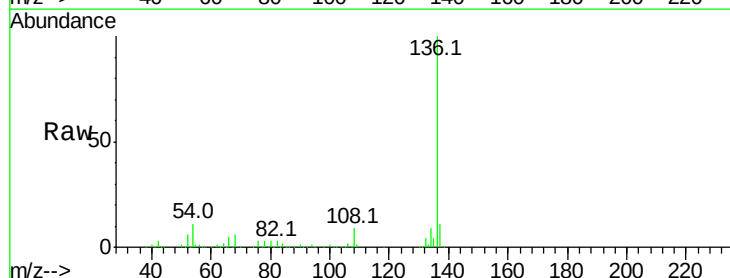
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 10.9 4.9 7.3#

68 6.0 4.1 6.1

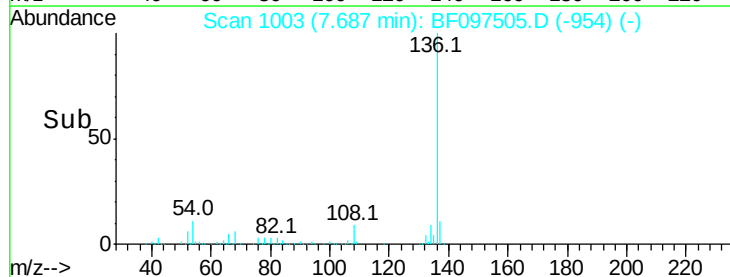
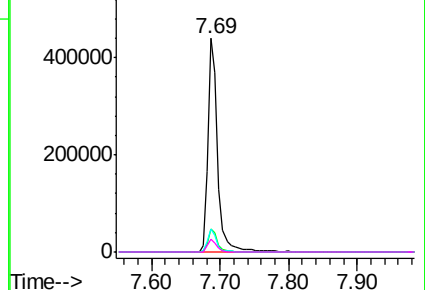


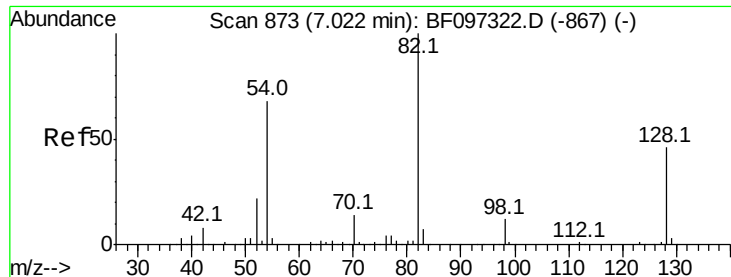
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

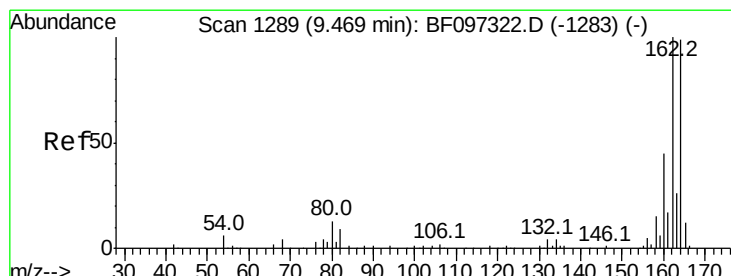
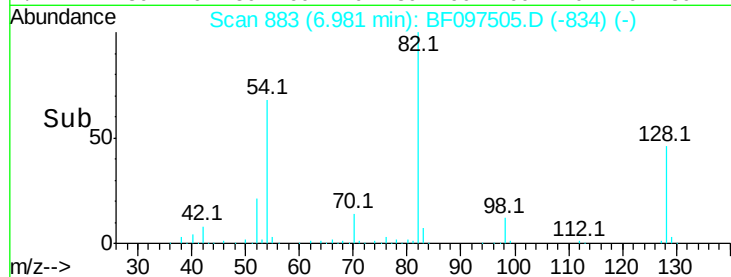
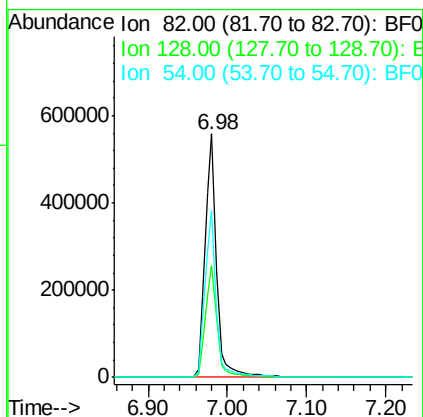
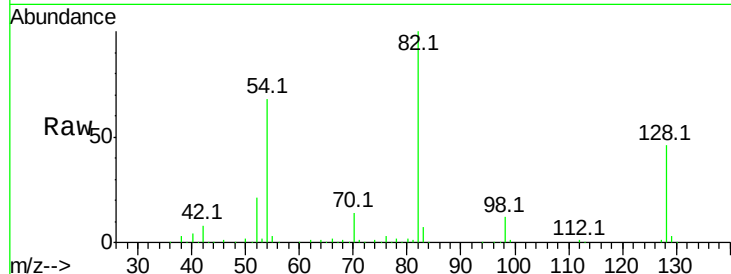




#23
 Nitrobenzene-d5
 Concen: 75.891 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097505.D
 Acq: 9 Aug 2017 8:59

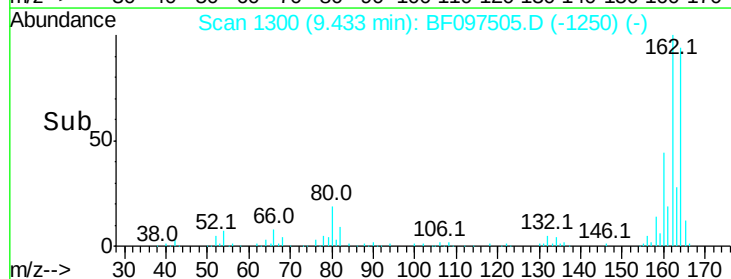
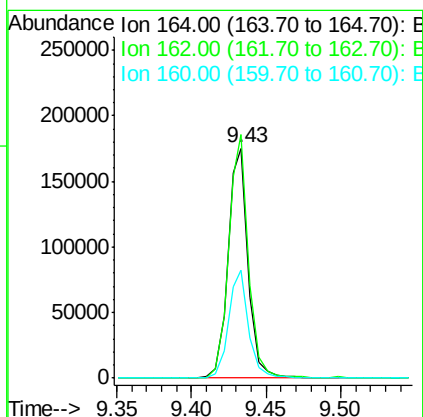
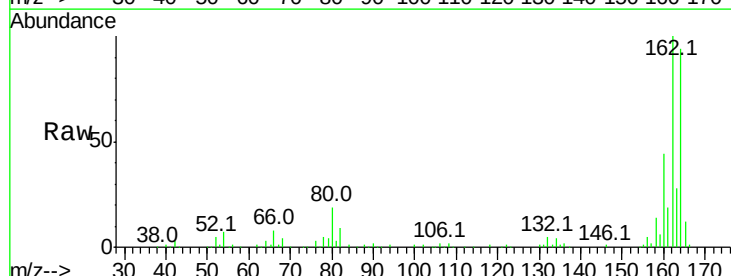
Instrument :
 BNA_F
 ClientSampleId :
 PB101261TB

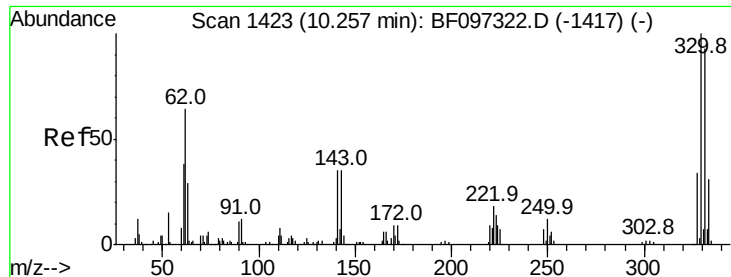
Tot Ion: 82 Resp: 573506
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 68.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097505.D
 Acq: 9 Aug 2017 8:59

Tgt Ion:164 Resp: 167269
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.6 123.8
 160 46.9 36.2 54.2

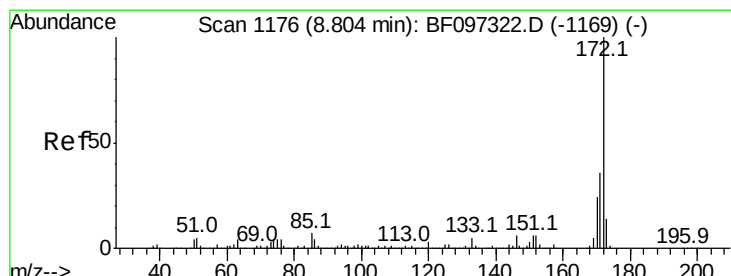
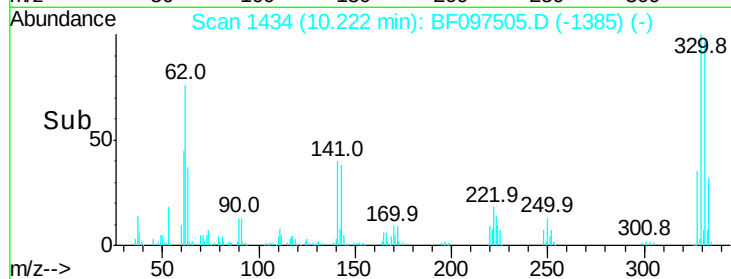
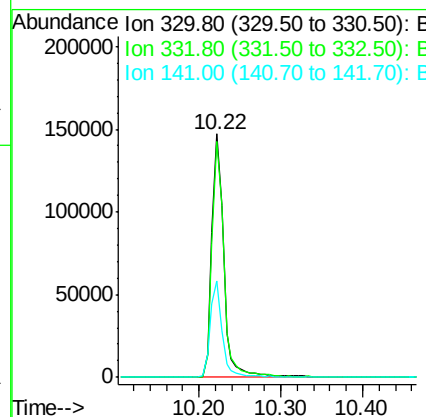
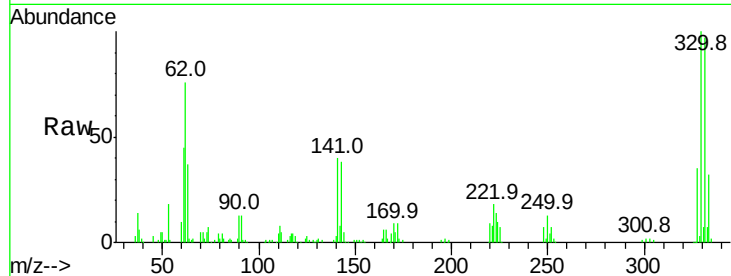




#41
 2,4,6-Tribromophenol
 Concen: 113.934 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097505.D
 Acq: 9 Aug 2017 8:59

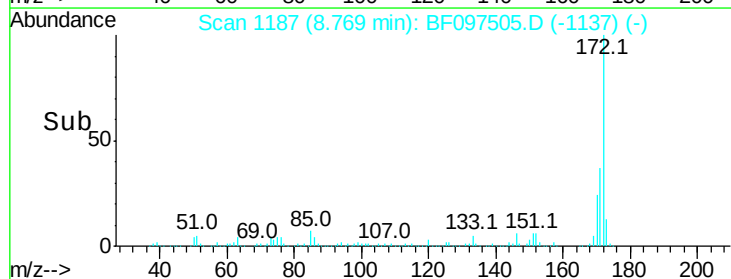
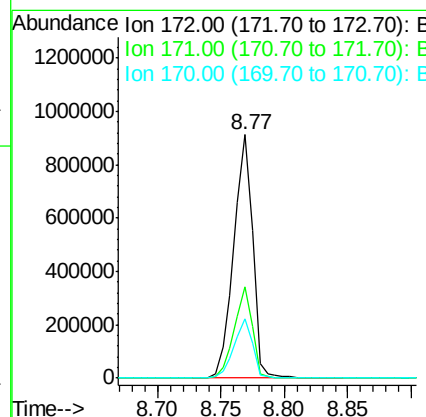
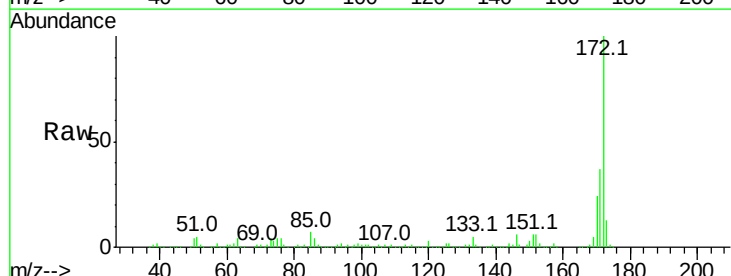
Instrument :
 BNA_F
 ClientSampleId :
 PB101261TB

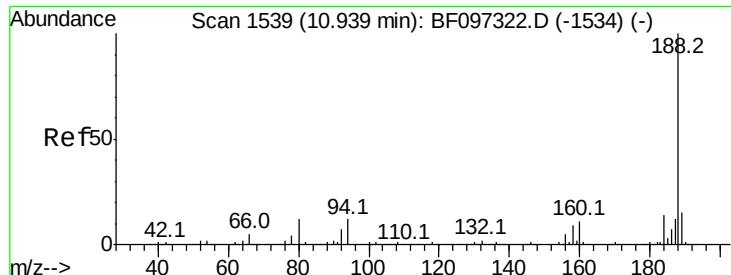
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	39.9	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 95.957 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097505.D
 Acq: 9 Aug 2017 8:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.6	44.4
170	24.5	19.8	29.8

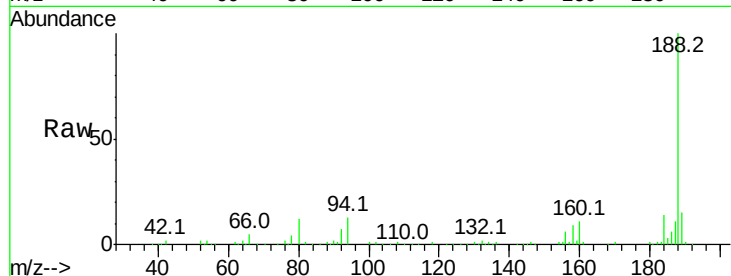




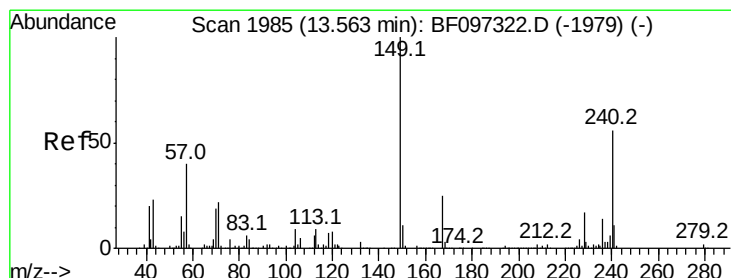
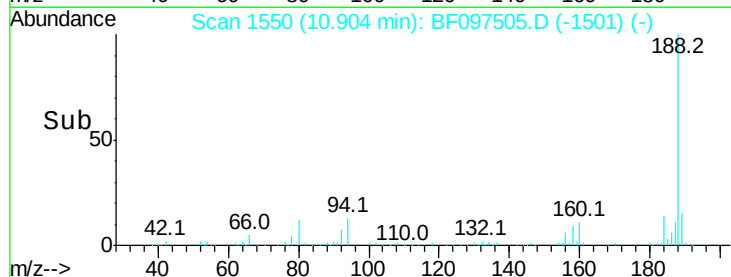
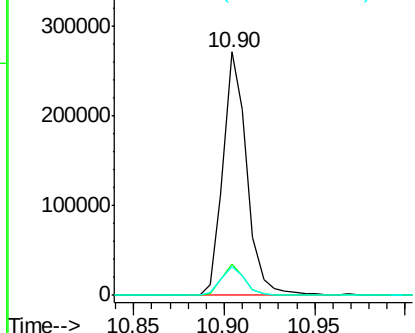
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097505.D
Acq: 9 Aug 2017 8:59

Instrument :
BNA_F
ClientSampleId :
PB101261TB

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.5	9.4	14.2
80	11.9	10.2	15.2

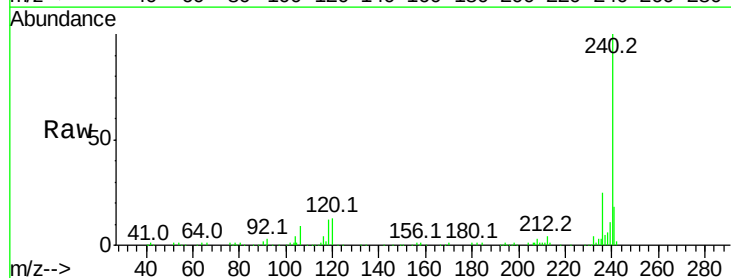


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

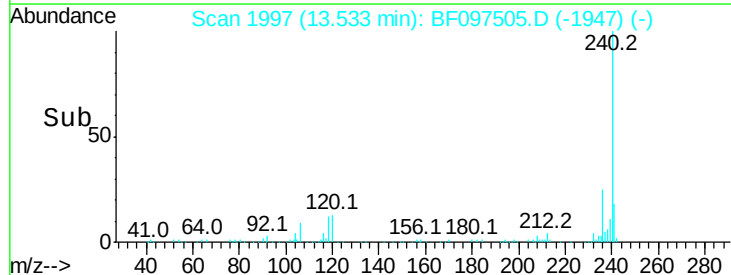
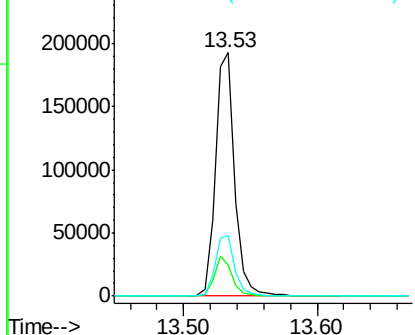


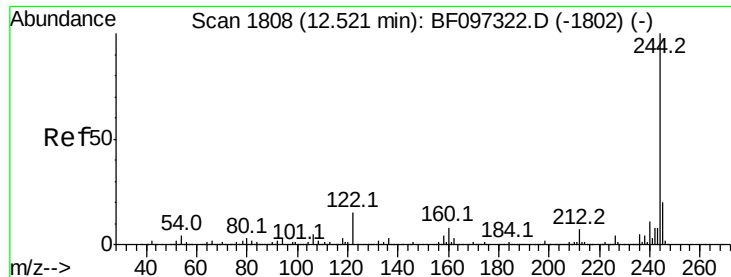
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097505.D
Acq: 9 Aug 2017 8:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	24.9	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: 62.991 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097505.D

Acq: 9 Aug 2017 8:59

Instrument :

BNA_F

ClientSampleId :

PB101261TB

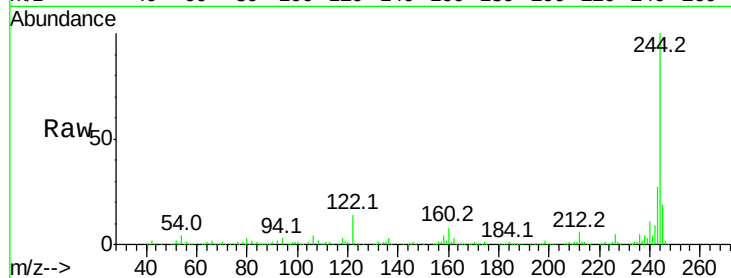
Tot Ion:244 Resp: 601423

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

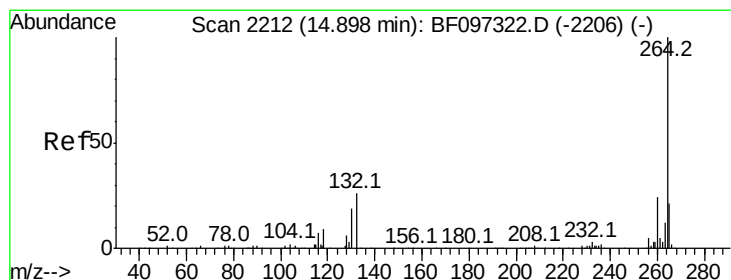
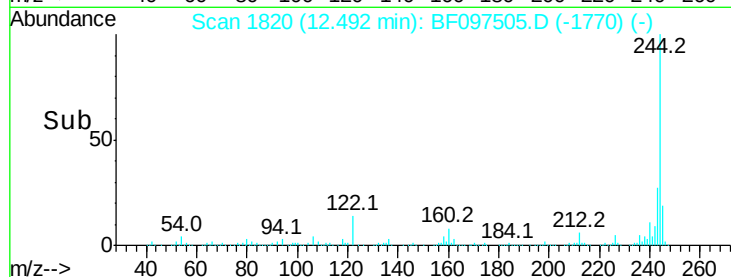
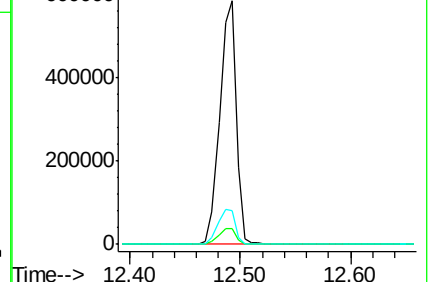
122 13.9 10.3 15.5



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: BF097505.D

Acq: 9 Aug 2017 8:59

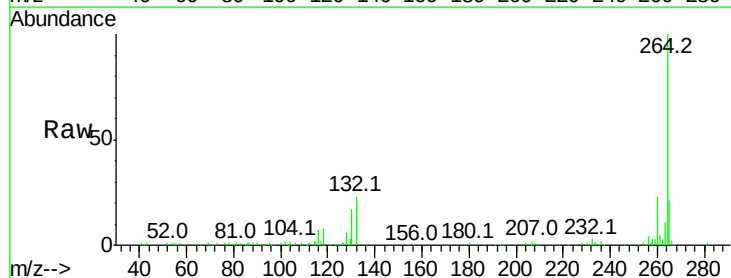
Tgt Ion:264 Resp: 133891

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

265 21.3 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

