

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097362.D
 Acq On : 4 Aug 2017 18:14
 Operator : SJ/JU
 Sample : PB101226BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101226BL

Quant Time: Aug 04 23:38:31 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	6.44	152	99542	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	455688	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	184510	20.00	ng	-0.08
63) Phenanthrene-d10	10.93	188	318533	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	262882	20.00	ng	-0.08
86) Perylene-d12	14.89	264	187252	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	893838	135.37	ng	-0.05
7) Phenol-d6	6.11	99	1050523	139.36	ng	-0.06
23) Nitrobenzene-d5	7.01	82	586111	75.45	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	185459	127.22	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	1011570	93.04	ng	-0.07
78) Terphenyl-d14	12.52	244	816071	63.29	ng	-0.07

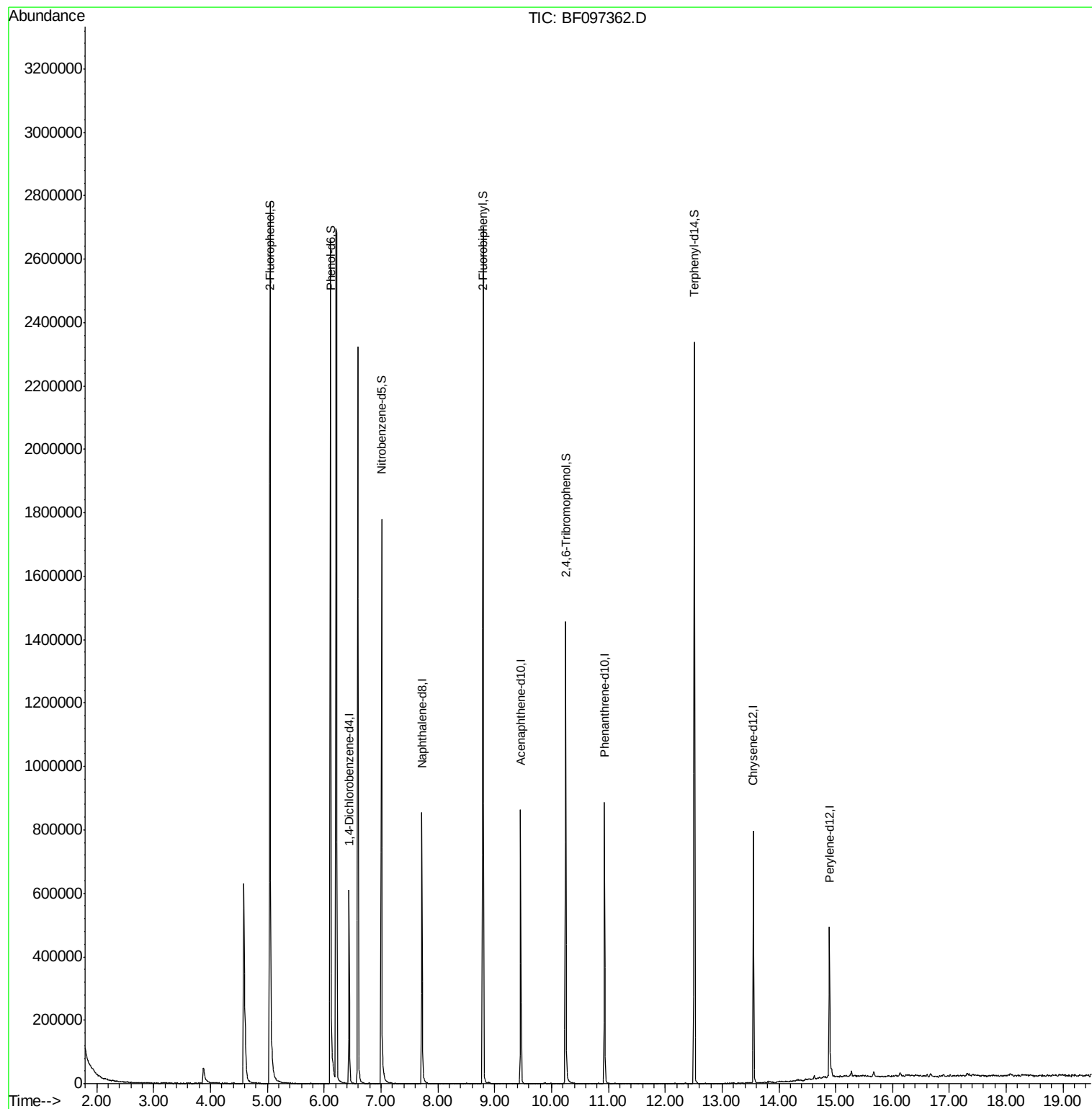
Target Compounds Qvalue

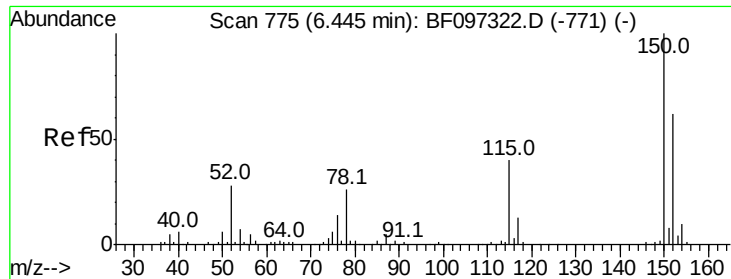
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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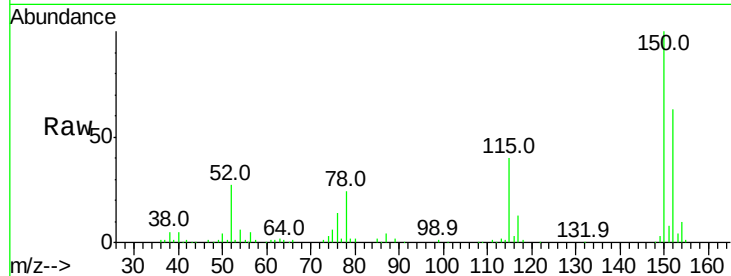


#1

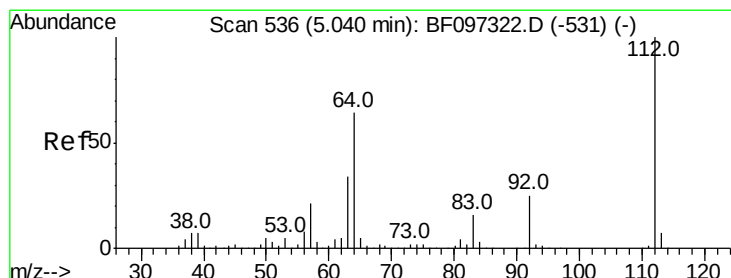
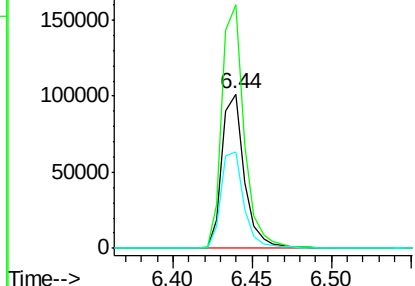
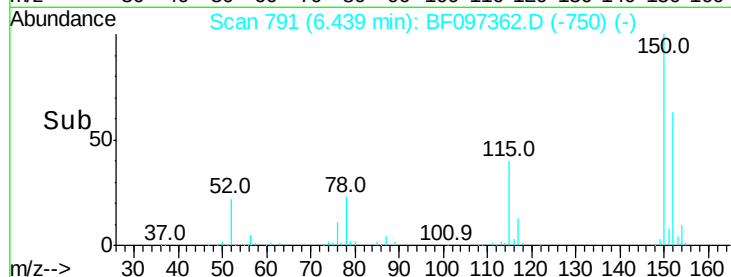
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Instrument :
BNA_F
ClientSampleId :
PB101226BL

Tot Ion:152 Resp: 99542
Ion Ratio Lower Upper
152 100
150 157.6 126.2 189.2
115 62.6 52.2 78.2



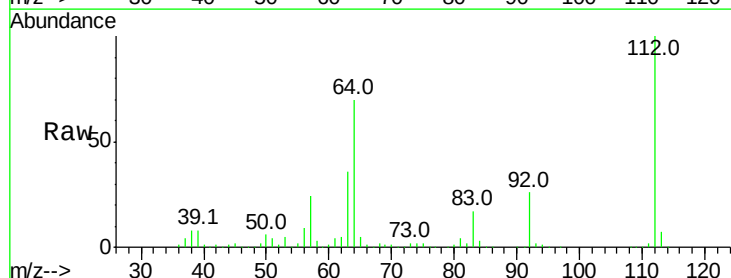
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



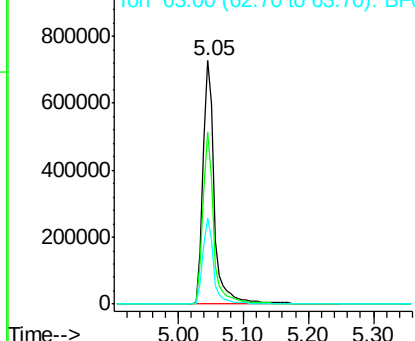
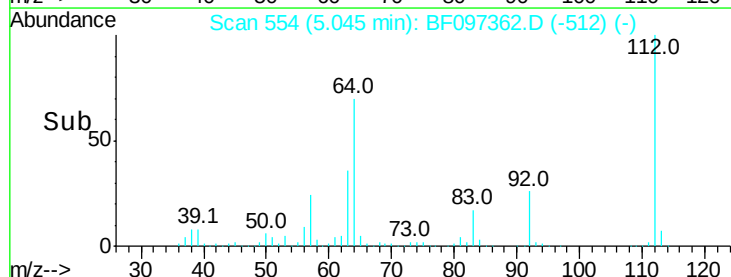
#5

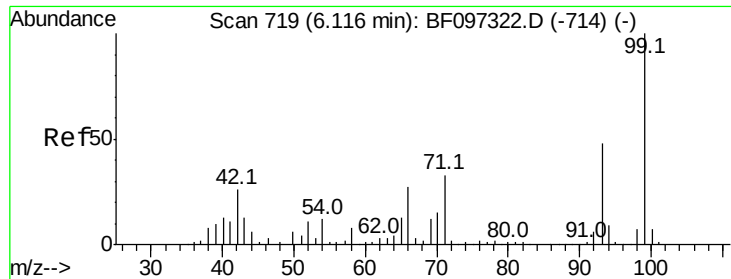
2-Fluorophenol
Concen: 135.365 ng
RT: 5.05 min Scan# 554
Delta R.T. -0.05 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Tgt Ion:112 Resp: 893838
Ion Ratio Lower Upper
112 100
64 70.4 46.0 69.0#
63 35.5 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: 139.358 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.06 min

Lab File: BF097362.D

Acq: 4 Aug 2017 18:14

Instrument :

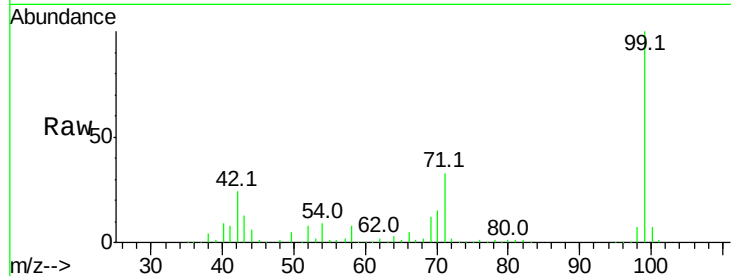
BNA_F

ClientSampleId :

PB101226BL

Tot Ion: 99 Resp: 1050523

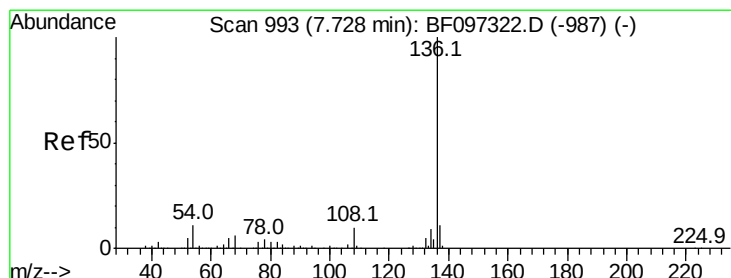
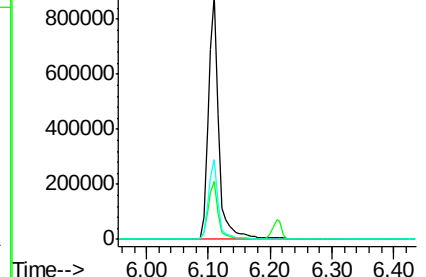
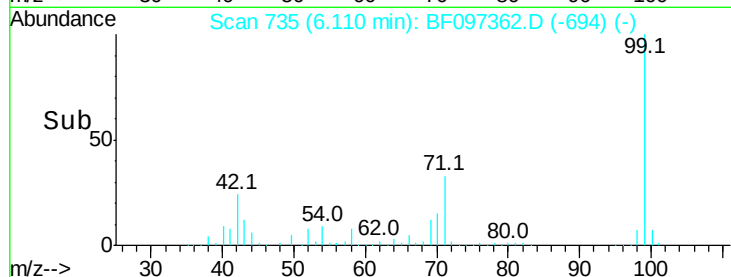
Ion	Ratio	Lower	Upper
99	100		
42	23.8	13.5	20.3#
71	32.9	24.5	36.7



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: 7.72 min Scan# 1009

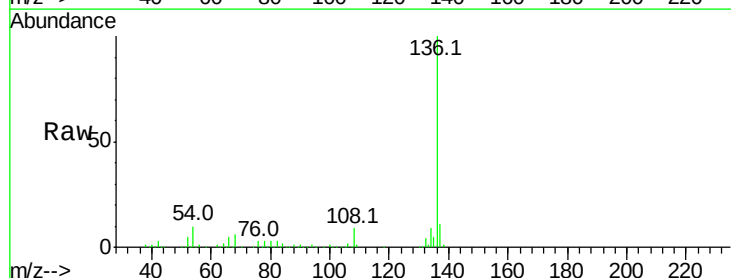
Delta R.T. -0.06 min

Lab File: BF097362.D

Acq: 4 Aug 2017 18:14

Tgt Ion: 136 Resp: 455688

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.3	4.9	7.3#
68	5.8	4.1	6.1

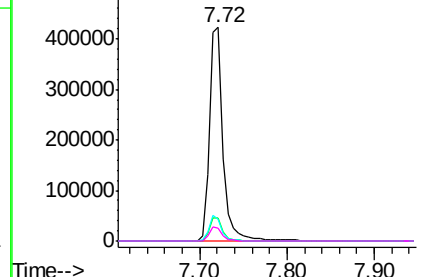
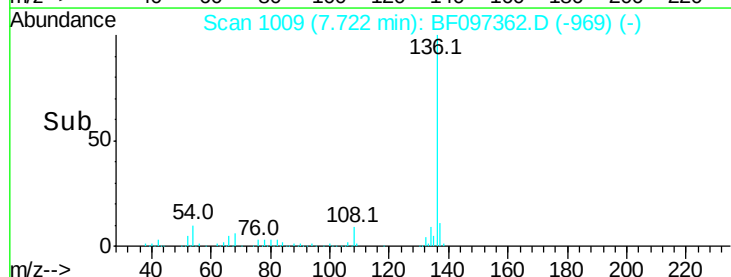


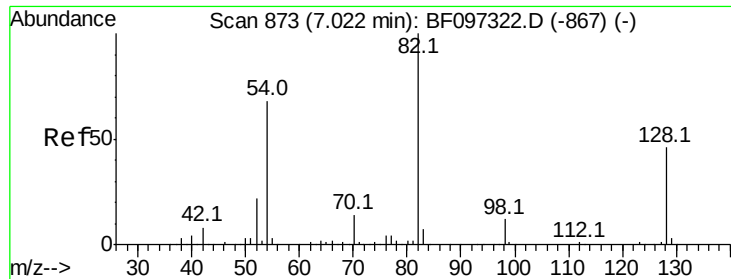
Abundance Ion 136.00 (135.70 to 136.70): E

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

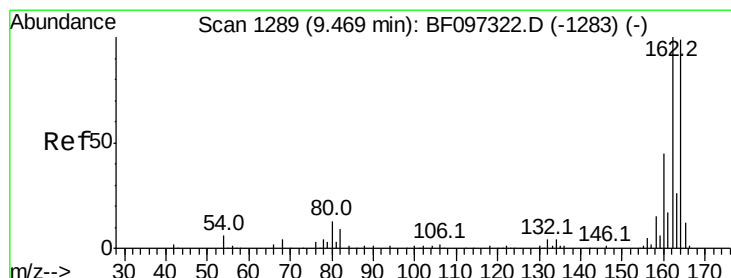
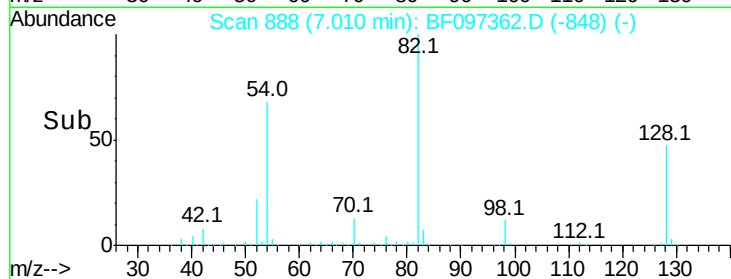
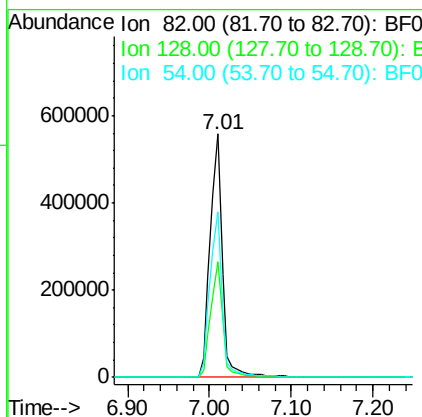
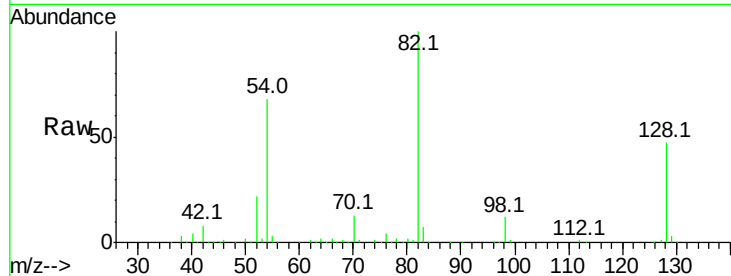




#23
 Nitrobenzene-d5
 Concen: 75.454 ng
 RT: 7.01 min Scan# 888
 Delta R.T. -0.06 min
 Lab File: BF097362.D
 Acq: 4 Aug 2017 18:14

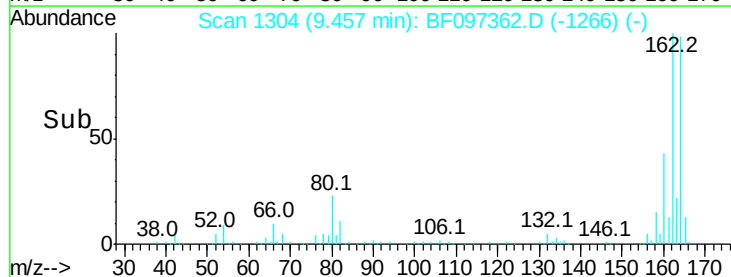
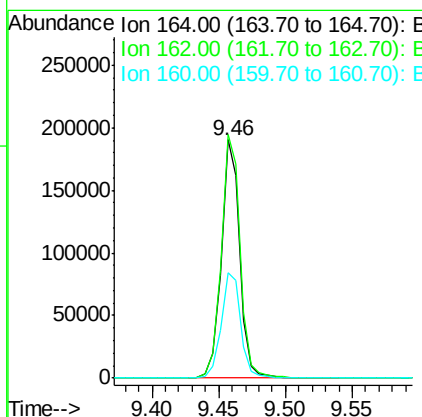
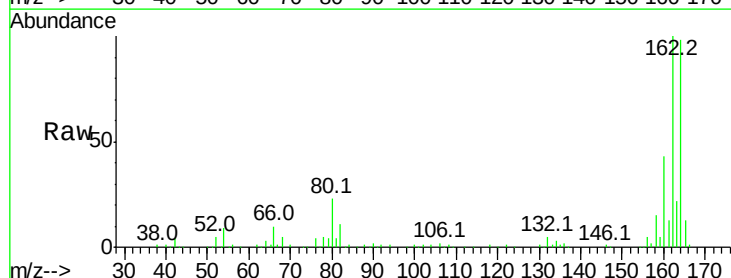
Instrument :
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 PB101226BL

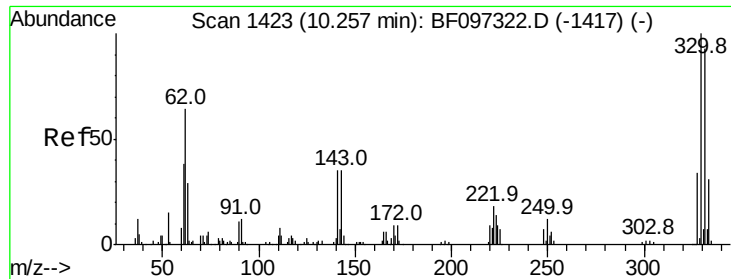
Tot Ion: 82 Resp: 586111
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 67.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1304
 Delta R.T. -0.08 min
 Lab File: BF097362.D
 Acq: 4 Aug 2017 18:14

Tgt Ion: 164 Resp: 184510
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 44.4 36.2 54.2

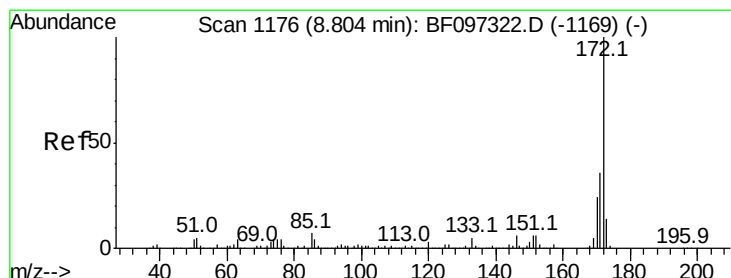
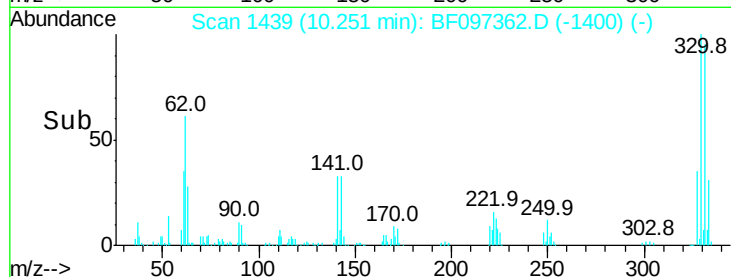
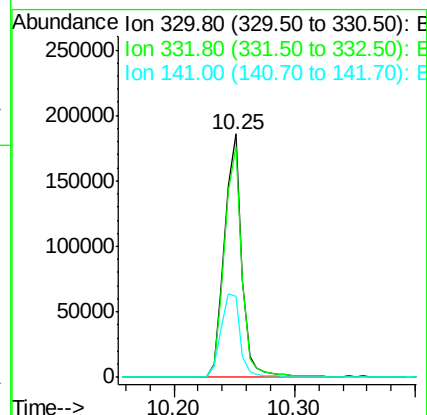
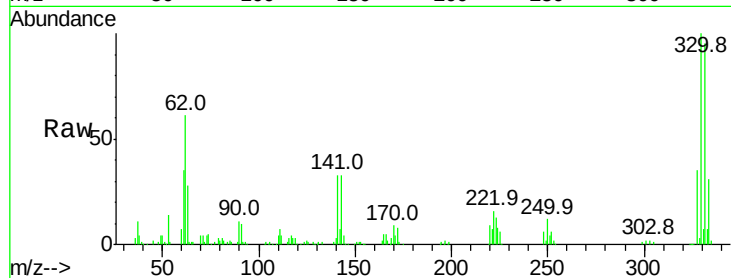




#41
 2,4,6-Tribromophenol
 Concen: 127.218 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097362.D
 Acq: 4 Aug 2017 18:14

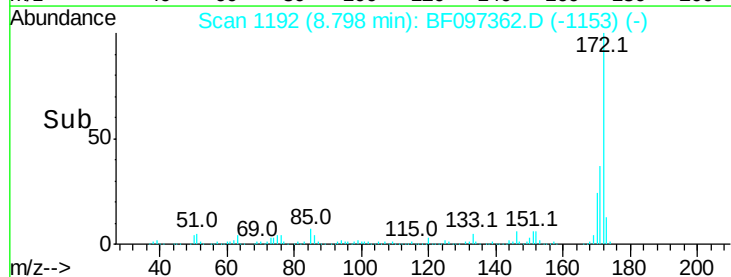
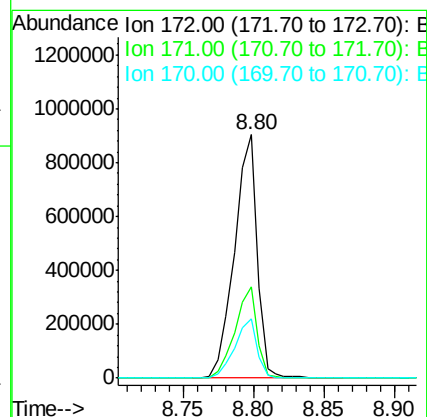
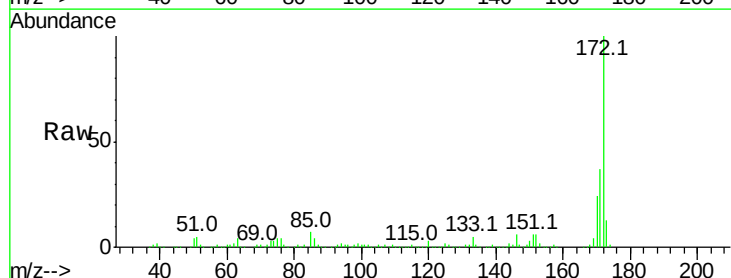
Instrument :
 BNA_F
 ClientSampleId :
 PB101226BL

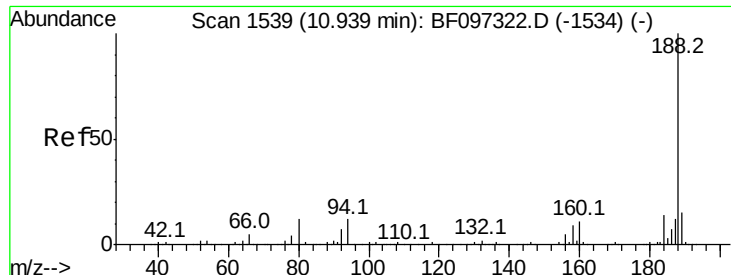
Tot Ion:330 Resp: 185459
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 38.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 93.043 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097362.D
 Acq: 4 Aug 2017 18:14

Tgt Ion:172 Resp: 1011570
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.5 19.8 29.8

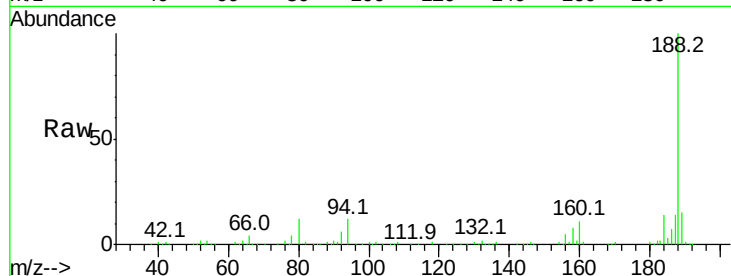




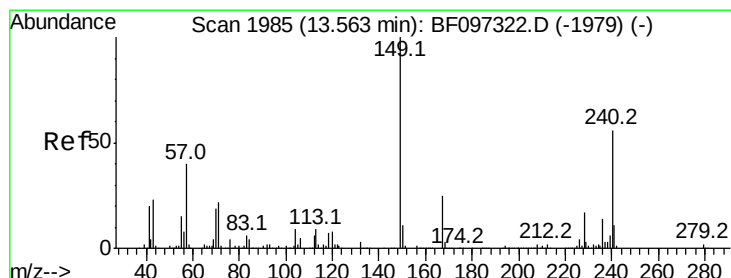
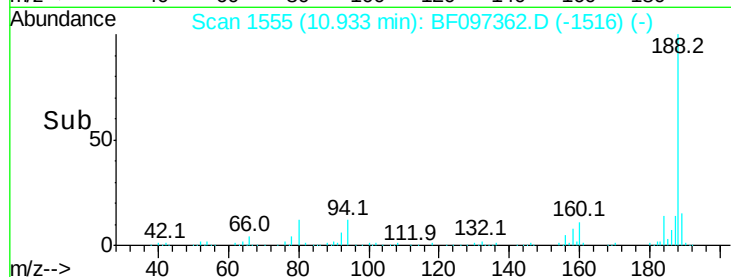
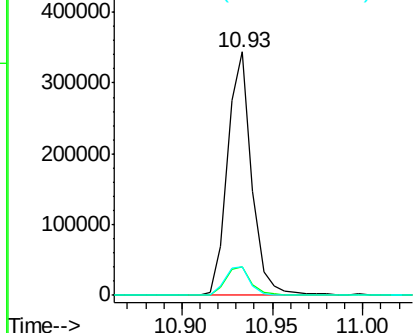
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Instrument :
BNA_F
ClientSampleId :
PB101226BL

Tot Ion:188 Resp: 318533
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 11.6 10.2 15.2

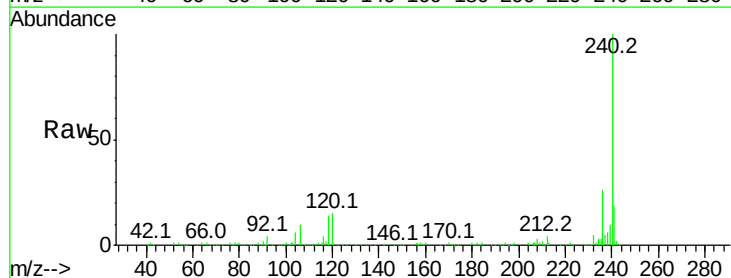


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

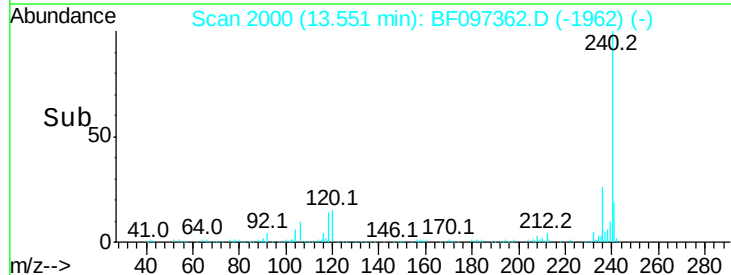
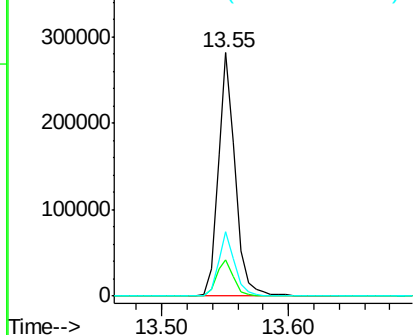


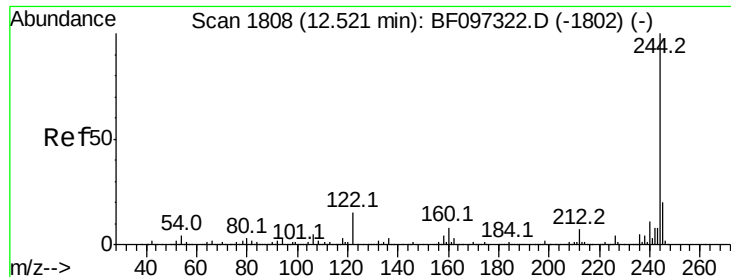
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.55 min Scan# 2000
Delta R.T. -0.08 min
Lab File: BF097362.D
Acq: 4 Aug 2017 18:14

Tgt Ion:240 Resp: 262882
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 26.4 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

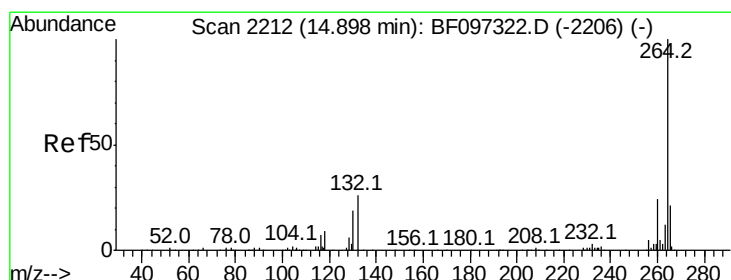
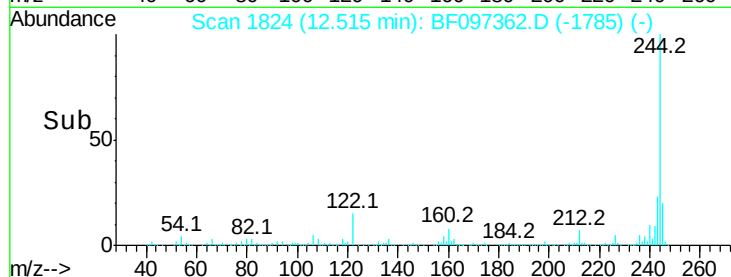
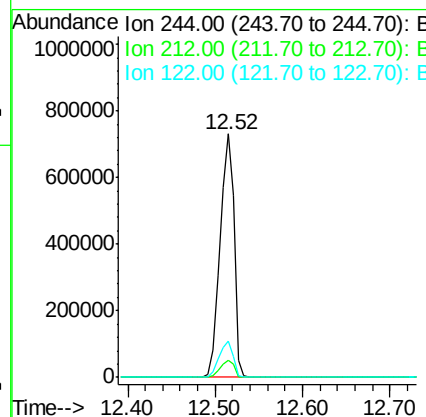
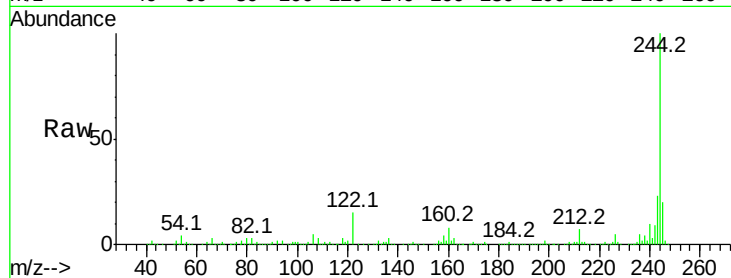




#78
 Terphenyl-d14
 Concen: 63.293 ng
 RT: 12.52 min Scan# 1824
 Delta R.T. -0.07 min
 Lab File: BF097362.D
 Acq: 4 Aug 2017 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PB101226BL

Tot Ion:244 Resp: 816071
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 14.9 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.89 min Scan# 2227
 Delta R.T. -0.09 min
 Lab File: BF097362.D
 Acq: 4 Aug 2017 18:14

Tgt Ion:264 Resp: 187252
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.8 17.2 25.8

