

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097638.D
 Acq On : 12 Aug 2017 17:03
 Operator : SJ/JU
 Sample : I4699-01 50X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080917

Quant Time: Aug 14 05:19:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

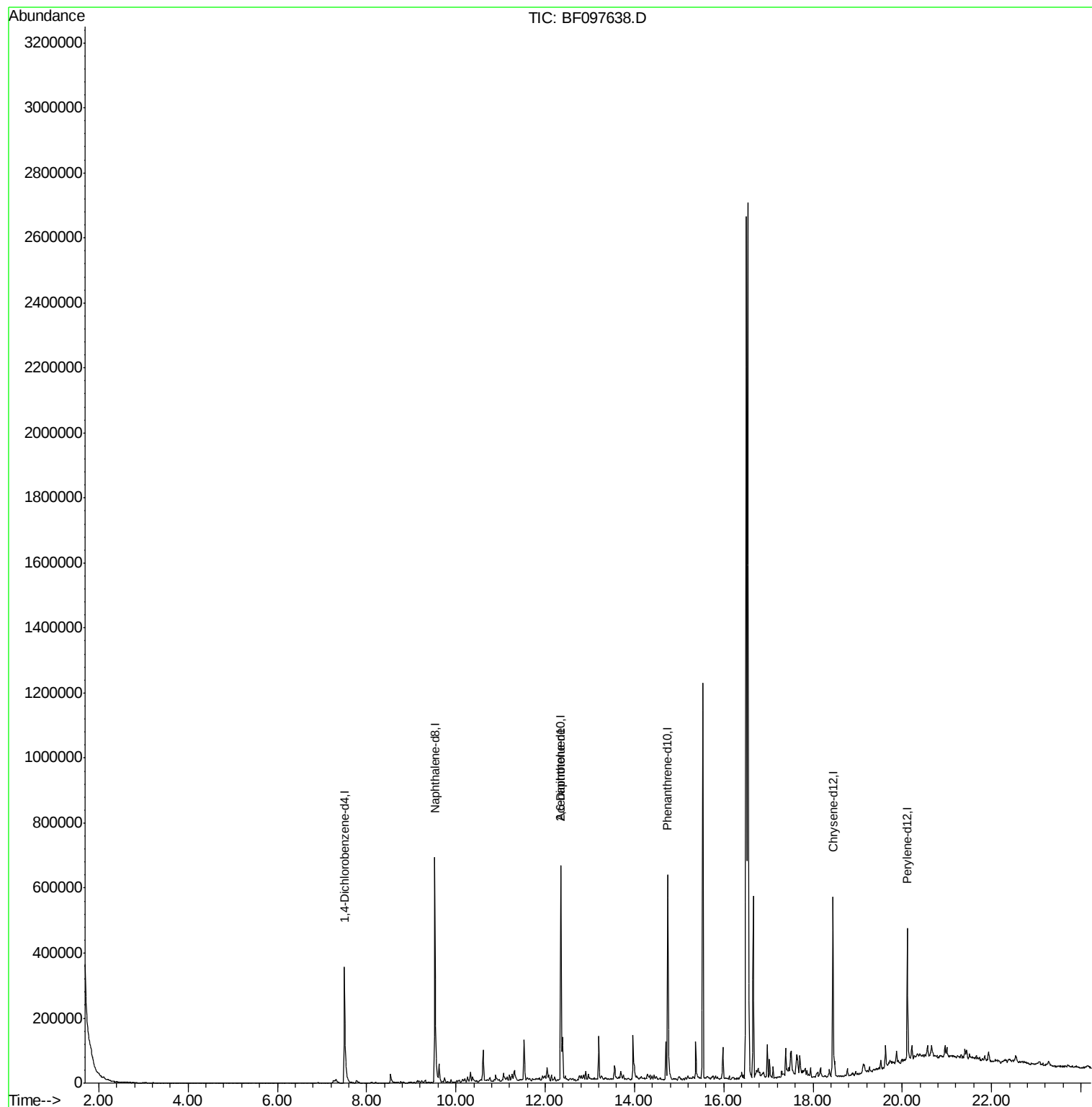
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	104843	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	488567	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	198906	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	328404	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	228020	20.00	ng	-0.02
86) Perylene-d12	20.11	264	177177	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.25	99	2037	0.25	ng	0.19
23) Nitrobenzene-d5	8.55	82	2479	0.32	ng	0.13
41) 2,4,6-Tribromophenol	13.69	330	1498	0.99	ng	0.03
44) 2-Fluorobiphenyl	11.32	172	16862	1.28	ng	0.00
78) Terphenyl-d14	17.10	244	11424	1.04	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.35	165	24271	7.67	ng	Qvalue # 31

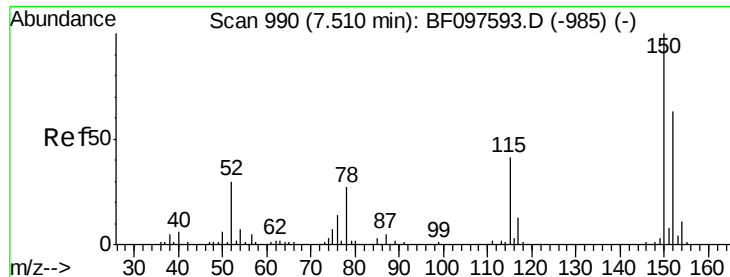
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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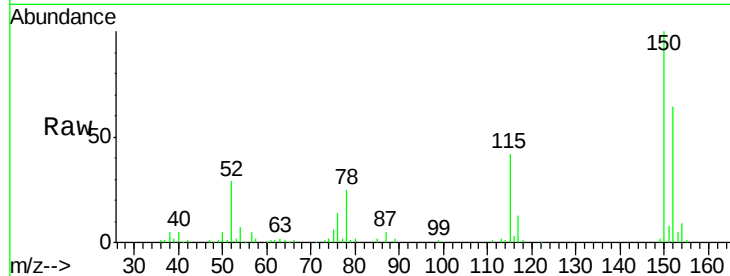


#1

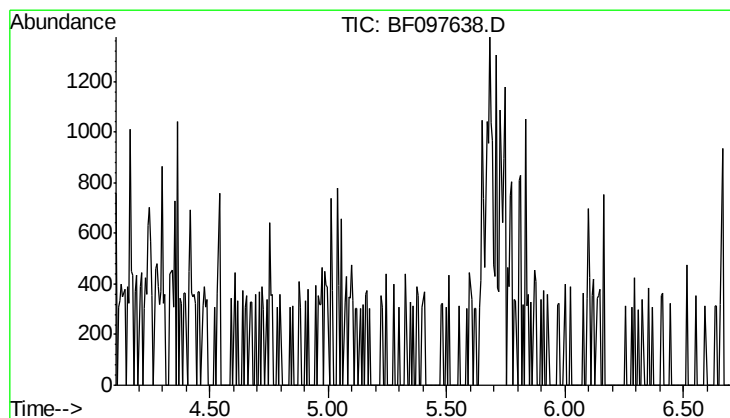
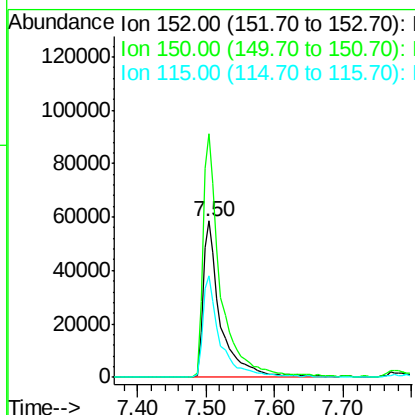
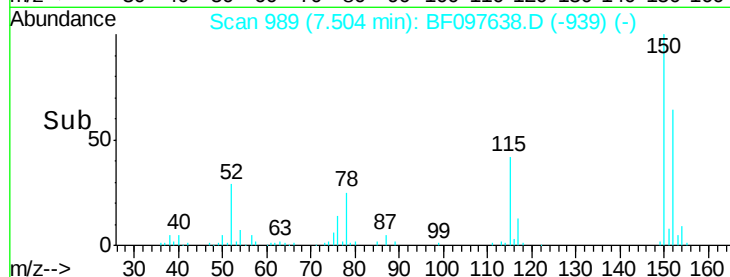
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF097638.D
Acq: 12 Aug 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SU-04-080917

Tot Ion:152 Resp: 104843
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 65.3 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

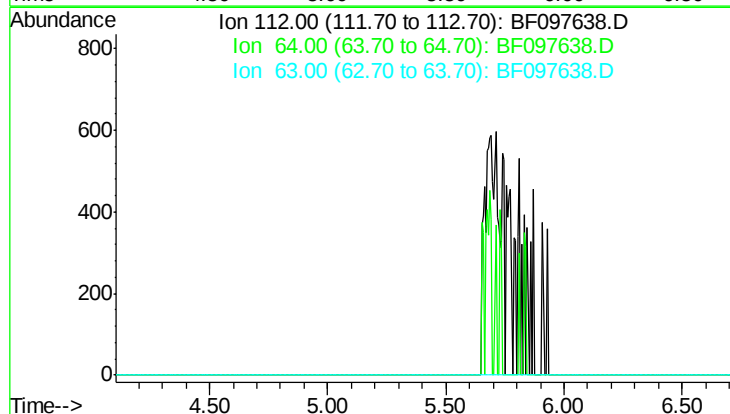


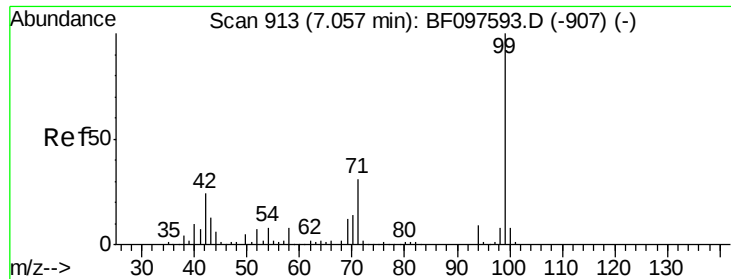
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.40 min

Lab File: BF097638.D
Acq: 12 Aug 2017 17:03

Tgt Ion: 112
Sig Exp Ratio
112 100
64 57.5
63 29.2





#7

Phenol-d6

Concen: 0.25 ng

RT: 7.25 min Scan# 945

Delta R.T. 0.19 min

Lab File: BF097638.D

Acq: 12 Aug 2017 17:03

Instrument :

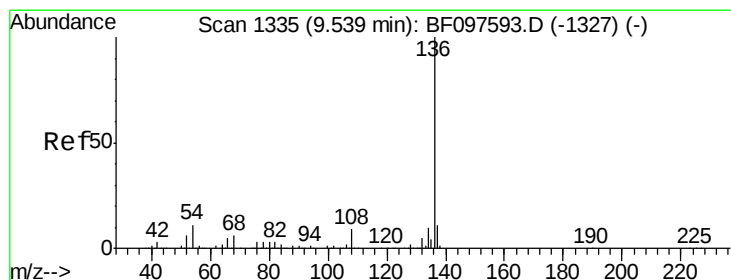
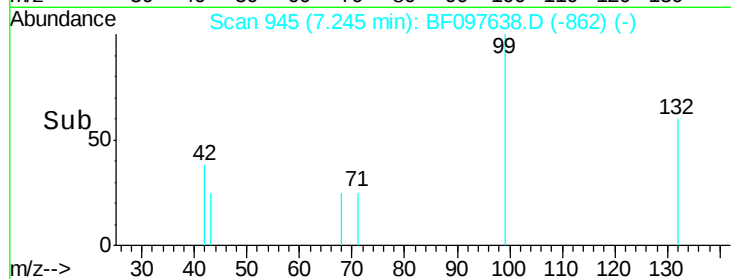
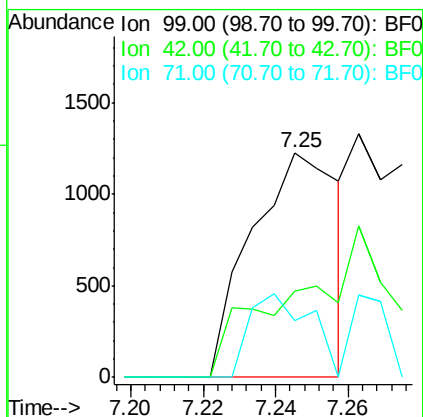
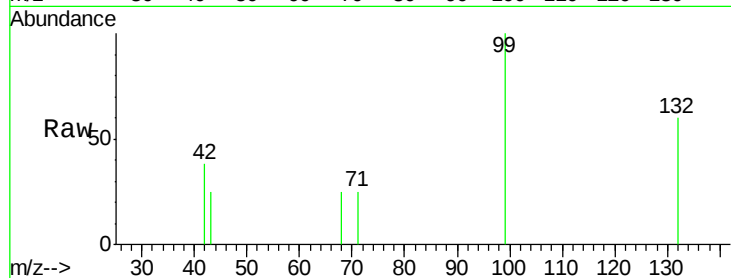
BNA_F

ClientSampleId :

SU-04-080917

Tot Ion: 99 Resp: 2037

Ion	Ratio	Lower	Upper
99	100		
42	38.5	13.5	20.3#
71	25.4	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 1333

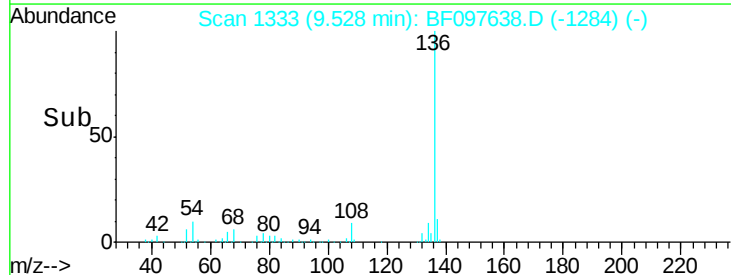
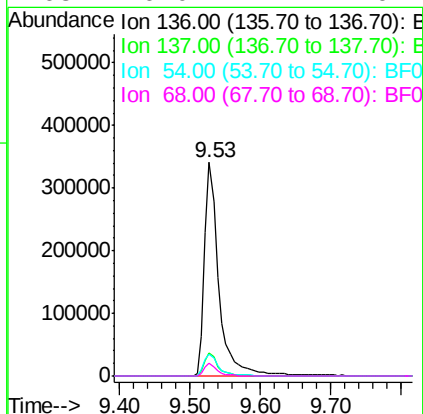
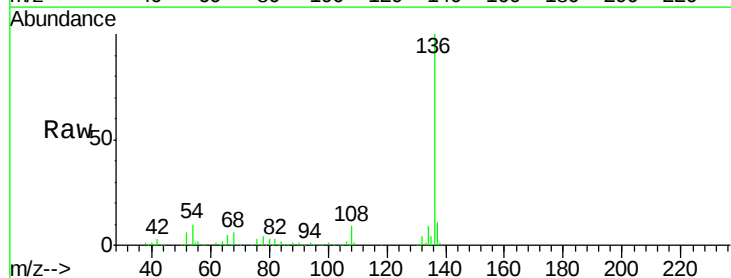
Delta R.T. -0.01 min

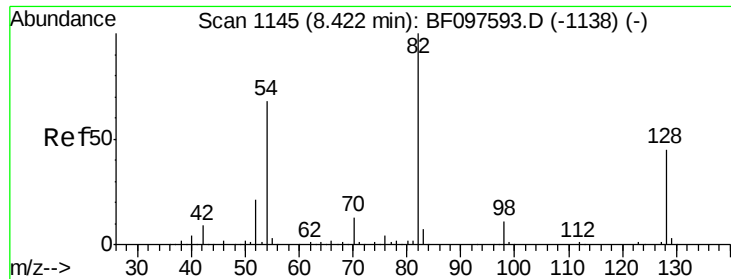
Lab File: BF097638.D

Acq: 12 Aug 2017 17:03

Tgt Ion: 136 Resp: 488567

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.2	4.9	7.3#
68	6.0	4.1	6.1

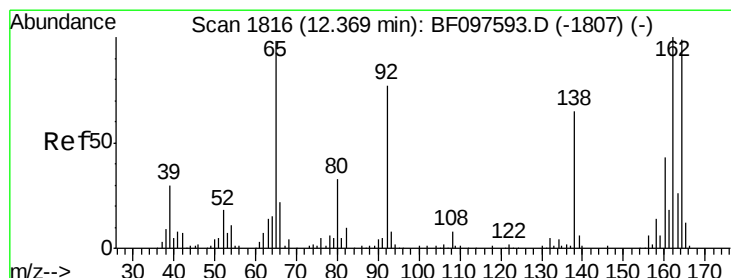
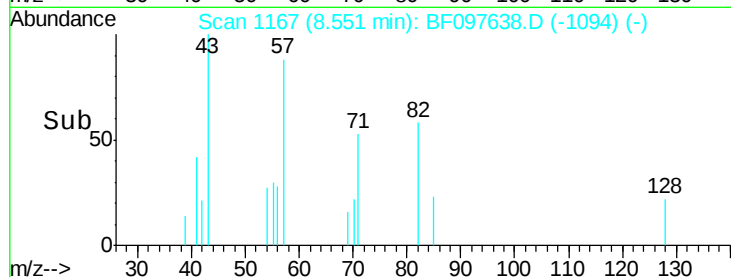
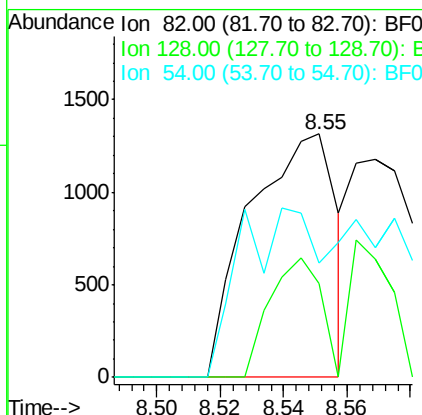
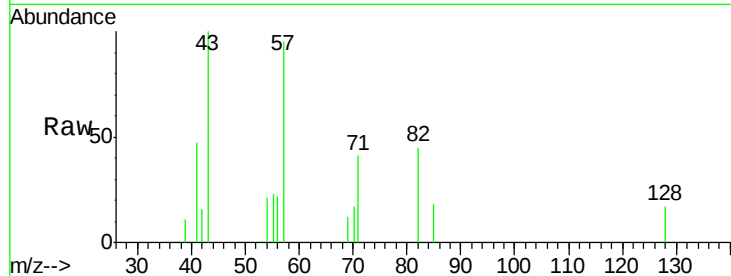




#23
 Nitrobenzene-d5
 Concen: 0.32 ng
 RT: 8.55 min Scan# 1167
 Delta R.T. 0.13 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

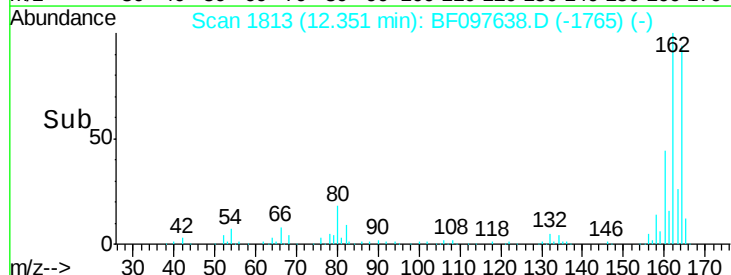
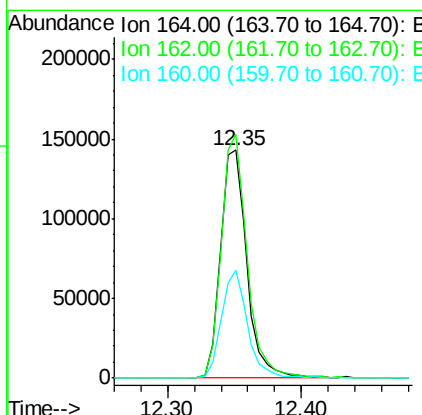
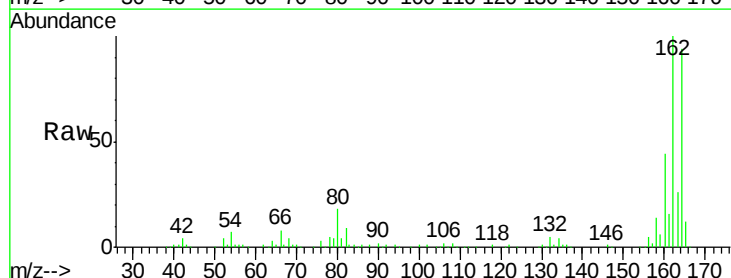
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080917

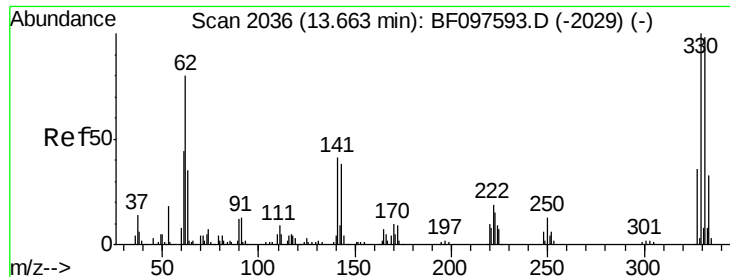
Tot Ion: 82 Resp: 2479
 Ion Ratio Lower Upper
 82 100
 128 38.6 34.0 51.0
 54 47.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Tgt Ion: 164 Resp: 198906
 Ion Ratio Lower Upper
 164 100
 162 106.9 82.6 123.8
 160 47.4 36.2 54.2

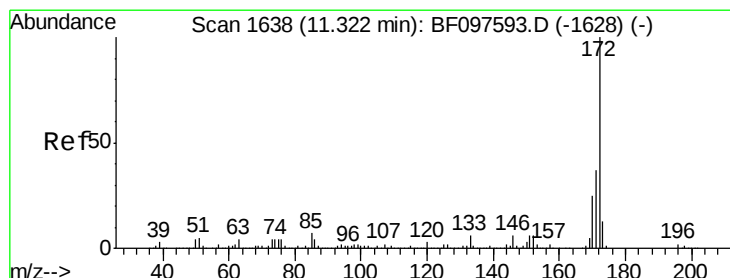
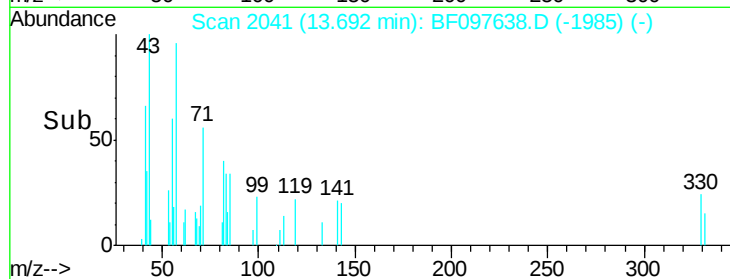
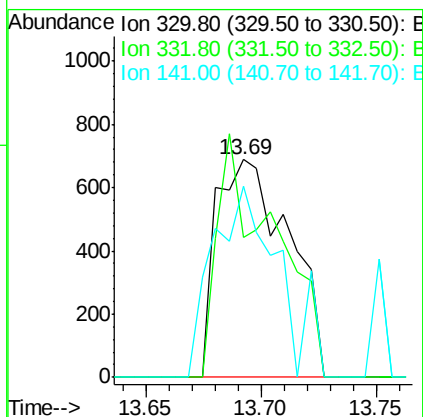
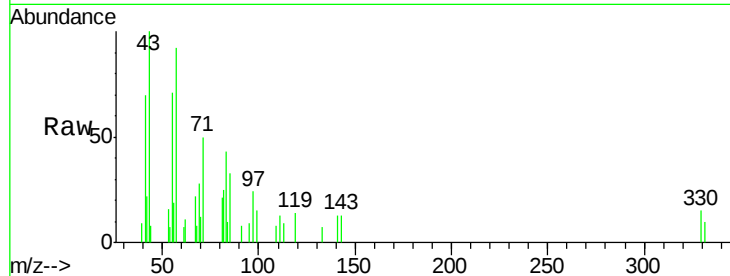




#41
 2,4,6-Tribromophenol
 Concen: 0.99 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. 0.03 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

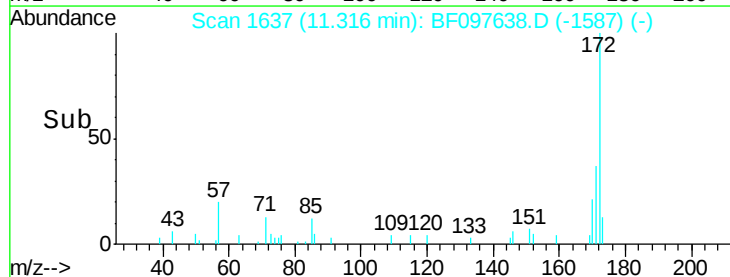
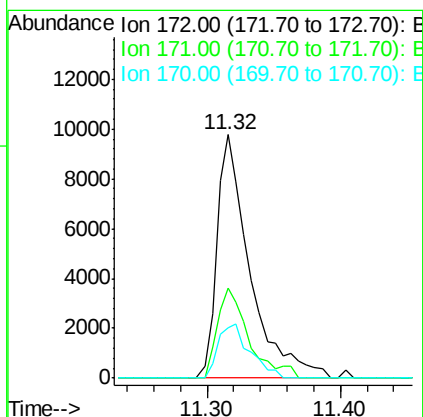
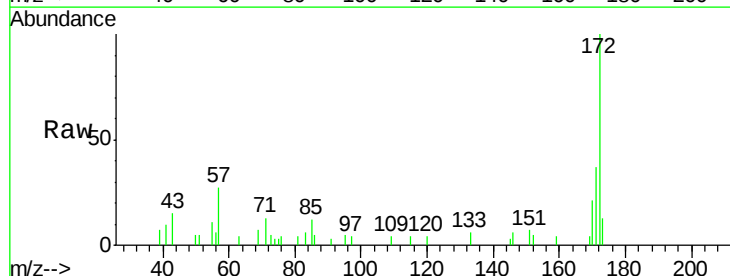
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080917

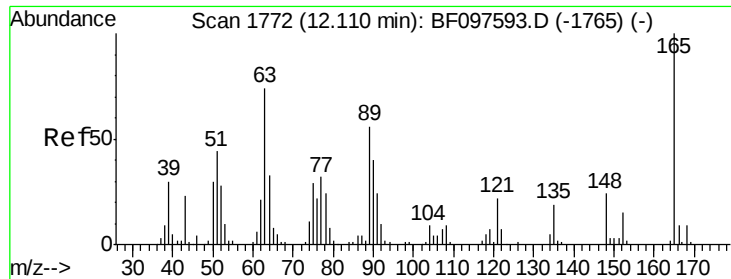
Tot Ion:330 Resp: 1498
 Ion Ratio Lower Upper
 330 100
 332 87.4 76.6 115.0
 141 80.4 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 1.28 ng
 RT: 11.32 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Tgt Ion:172 Resp: 16862
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 20.6 19.8 29.8

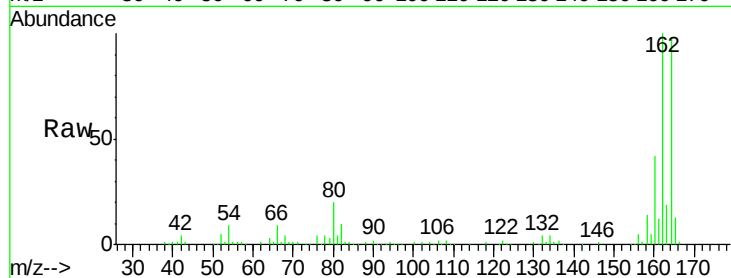




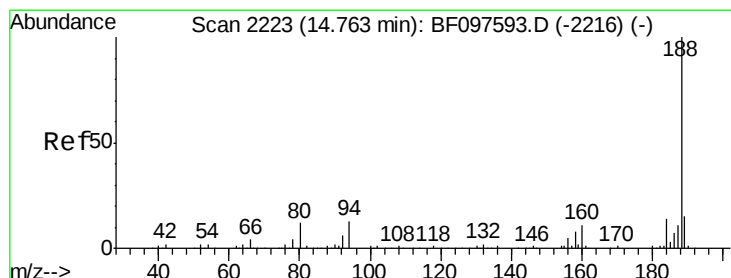
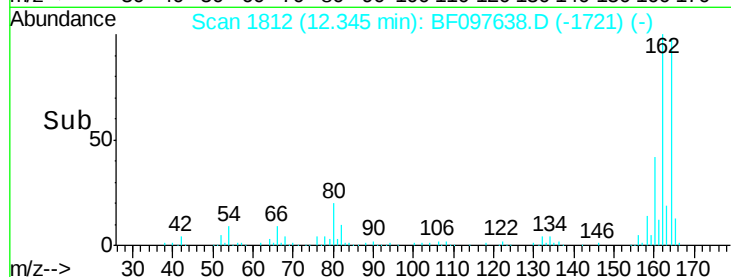
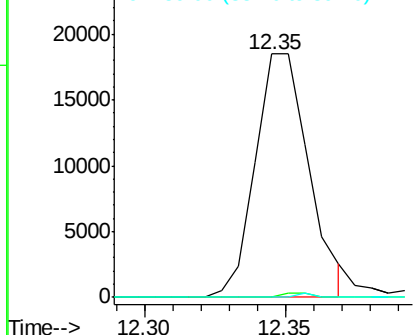
#50
 2,6-Dinitrotoluene
 Concen: 7.67 ng
 RT: 12.35 min Scan# 1812
 Delta R.T. 0.24 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-080917

Tot Ion:165 Resp: 24271
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

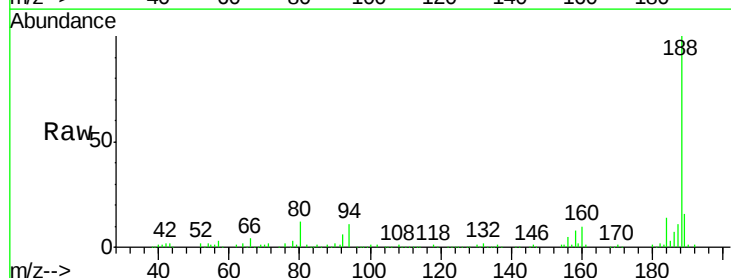


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

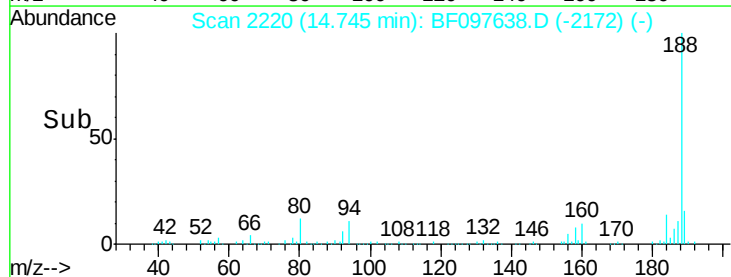
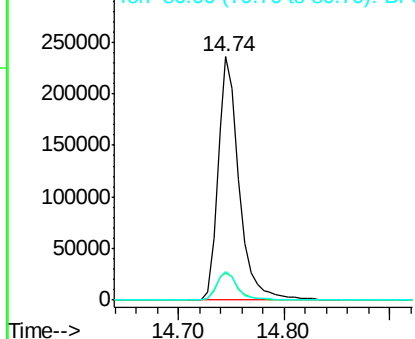


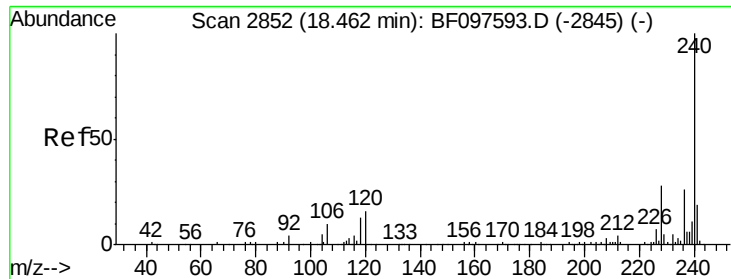
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2220
 Delta R.T. -0.02 min
 Lab File: BF097638.D
 Acq: 12 Aug 2017 17:03

Tgt Ion:188 Resp: 328404
 Ion Ratio Lower Upper
 188 100
 94 11.2 9.4 14.2
 80 11.7 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: 20.00 ng

RT: 18.44 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BF097638.D

Acq: 12 Aug 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SU-04-080917

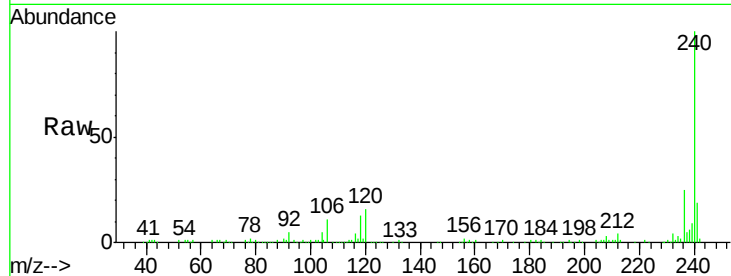
Tot Ion:240 Resp: 228020

Ion Ratio Lower Upper

240 100

120 16.1 5.8 8.8#

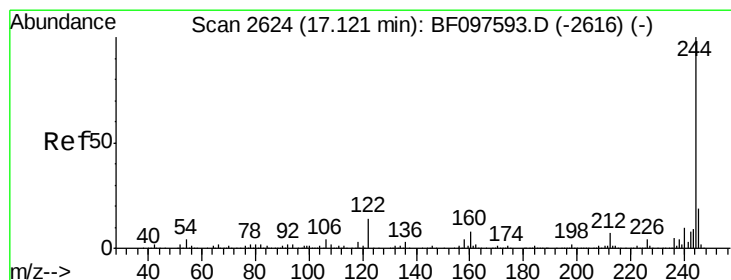
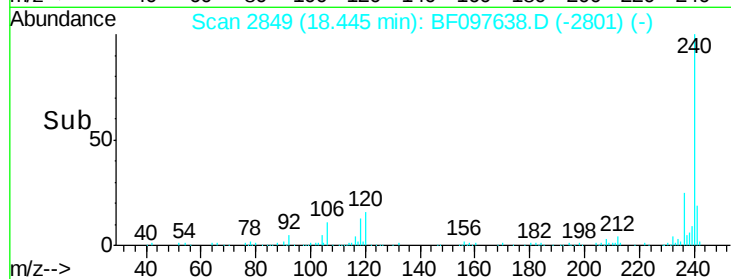
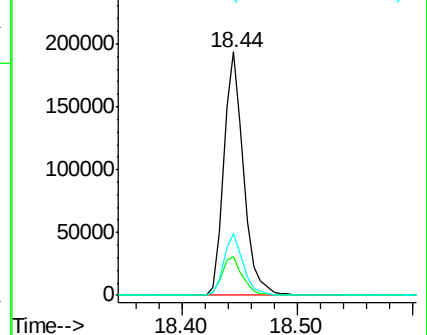
236 25.4 20.5 30.7



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: 1.04 ng

RT: 17.10 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BF097638.D

Acq: 12 Aug 2017 17:03

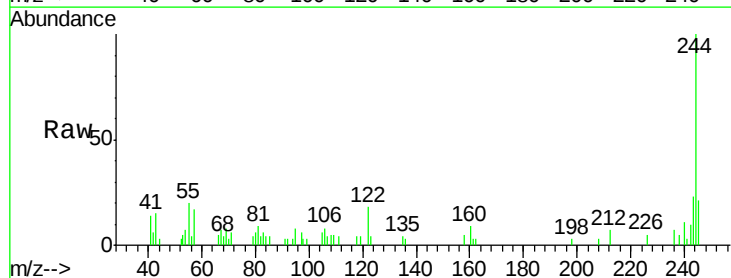
Tgt Ion:244 Resp: 11424

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

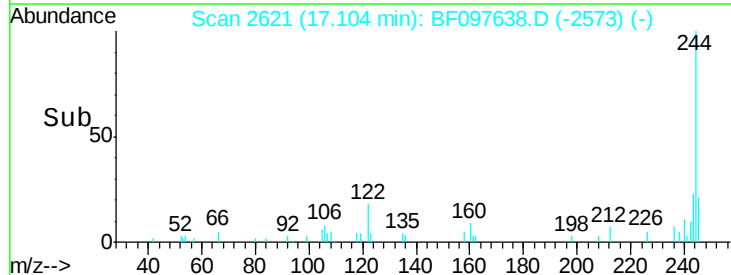
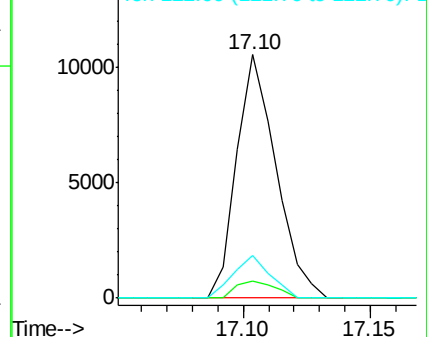
122 17.6 10.3 15.5#

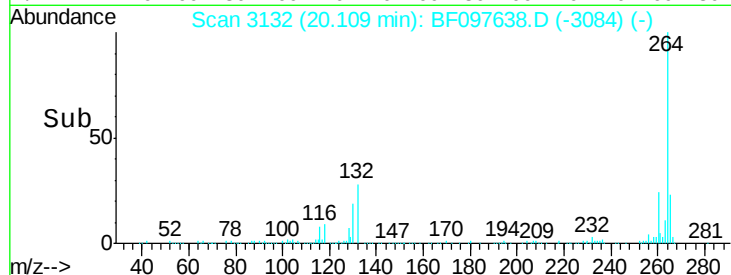
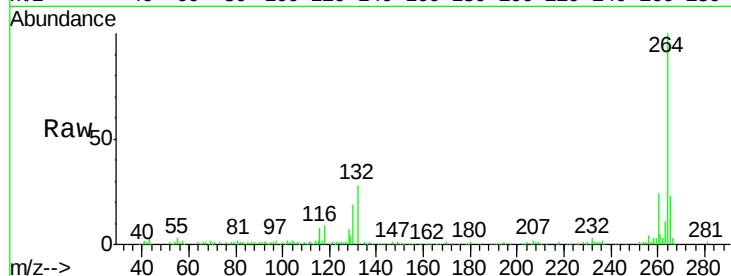
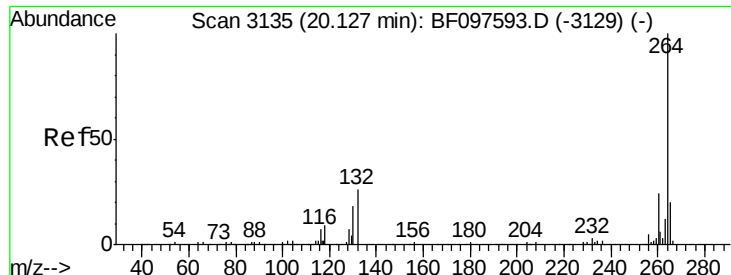


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.11 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BF097638.D
Acq: 12 Aug 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SU-04-080917

Tot Ion:264	Resp:	177177
Ion Ratio	Lower	Upper
264	100	
260	24.1	19.5 29.3
265	22.6	17.2 25.8

