

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080517\
 Data File : BF097395.D
 Acq On : 5 Aug 2017 14:17
 Operator : SJ/JU
 Sample : I4584-01 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 01:06:35 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

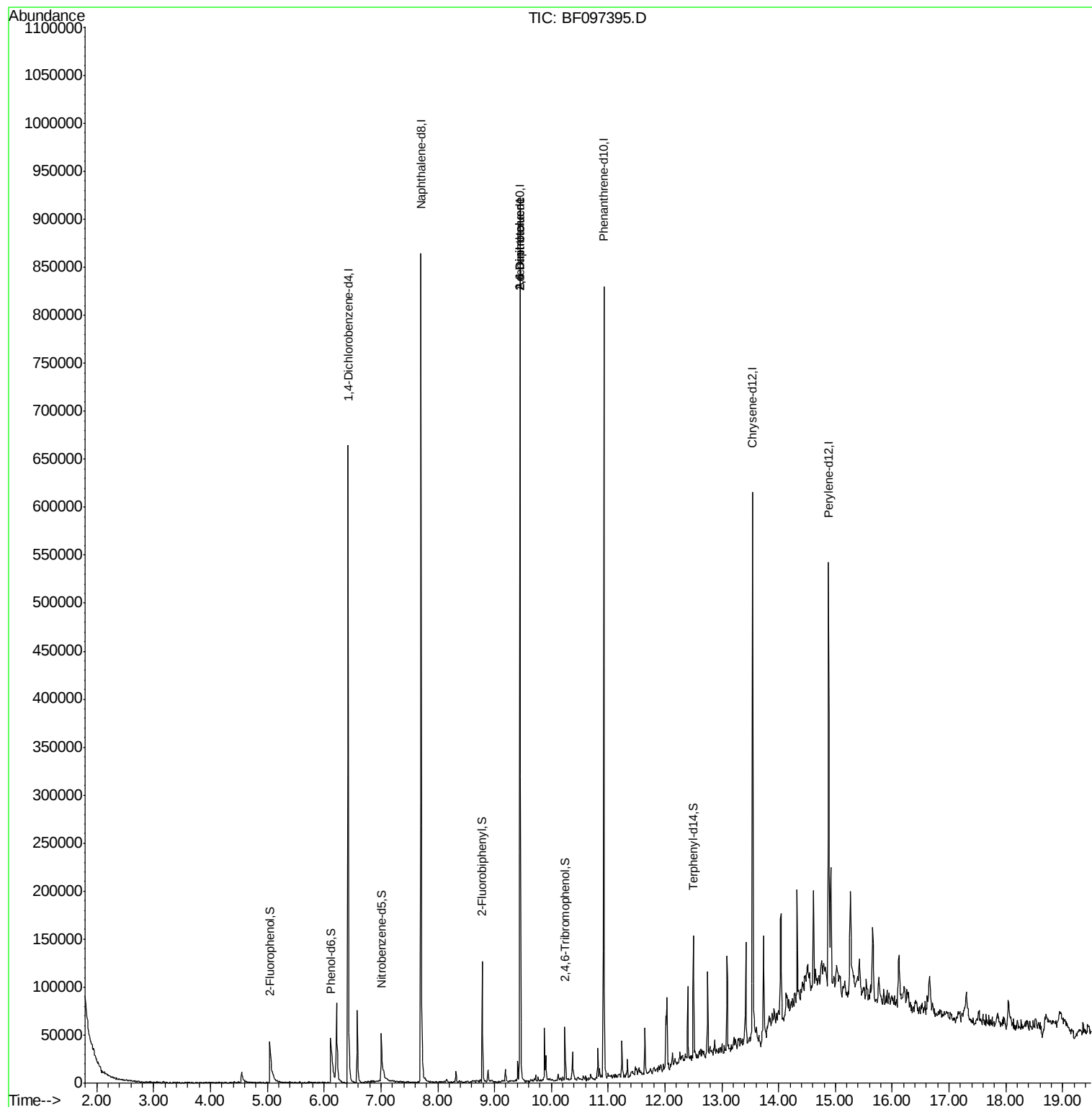
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.42	152	96675	20.00	ng	-0.08
21) Naphthalene-d8	7.70	136	423054	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	182564	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	293123	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	197543	20.00	ng	-0.09
86) Perylene-d12	14.88	264	173449	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	32392	5.05	ng	-0.05
7) Phenol-d6	6.12	99	42177	5.76	ng	-0.05
23) Nitrobenzene-d5	7.00	82	27829	3.86	ng	-0.07
41) 2,4,6-Tribromophenol	10.24	330	6665	4.62	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	43726	4.06	ng	-0.08
78) Terphenyl-d14	12.50	244	34054	3.51	ng	-0.09
Target Compounds						
50) 2,6-Dinitrotoluene	9.45	165	22044	7.50	ng	# 34
56) 2,4-Dinitrotoluene	9.45	165	22044	6.52	ng	# 33

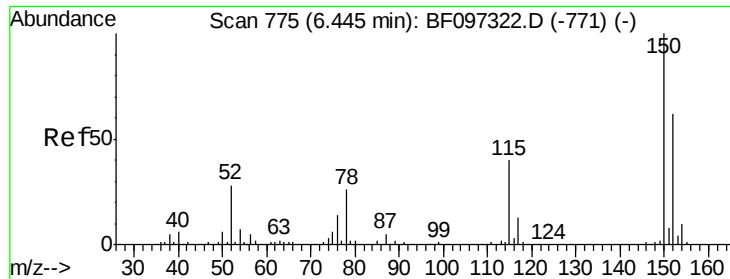
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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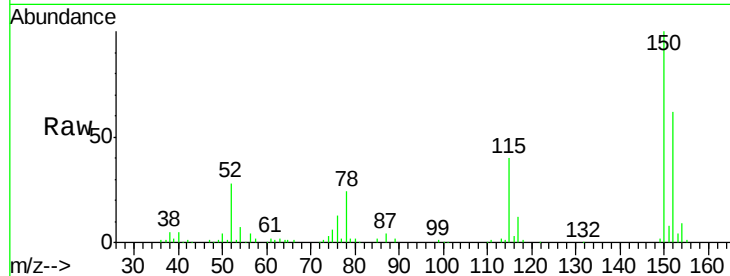


#1

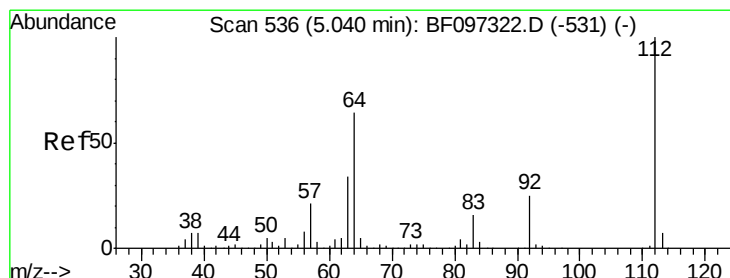
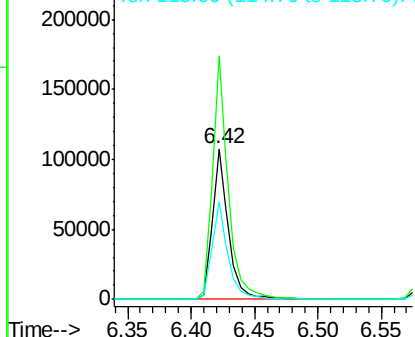
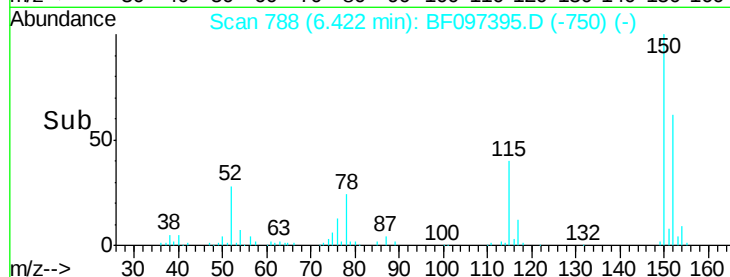
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.42 min Scan# 788
Delta R.T. -0.08 min
Lab File: BF097395.D
Acq: 5 Aug 2017 14:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96675
Ion Ratio Lower Upper
152 100
150 161.5 126.2 189.2
115 64.9 52.2 78.2



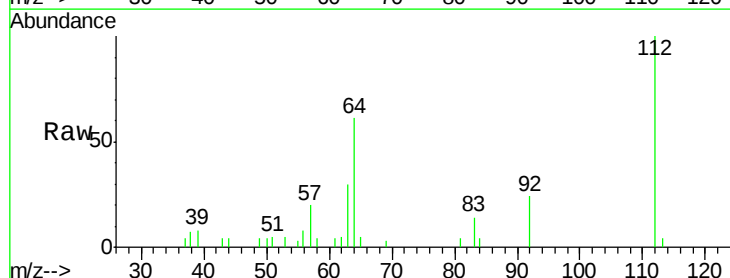
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



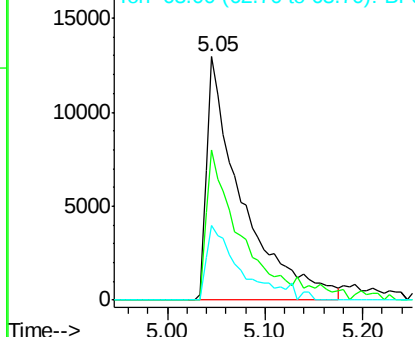
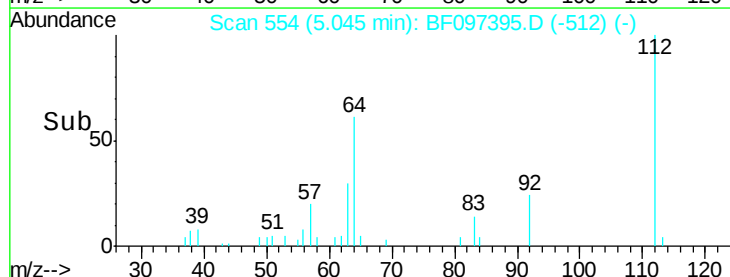
#5

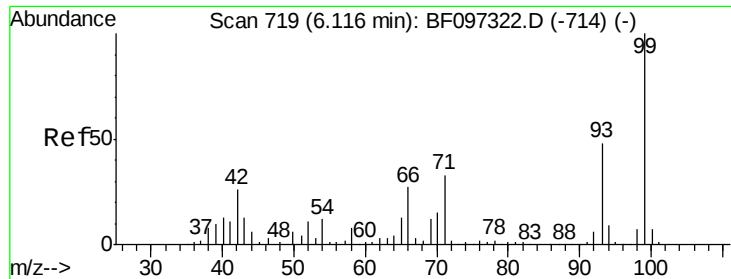
2-Fluorophenol
Concen: 5.05 ng
RT: 5.05 min Scan# 554
Delta R.T. -0.05 min
Lab File: BF097395.D
Acq: 5 Aug 2017 14:17

Tgt Ion:112 Resp: 32392
Ion Ratio Lower Upper
112 100
64 61.4 46.0 69.0
63 30.5 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: 5.76 ng

RT: 6.12 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF097395.D

Acq: 5 Aug 2017 14:17

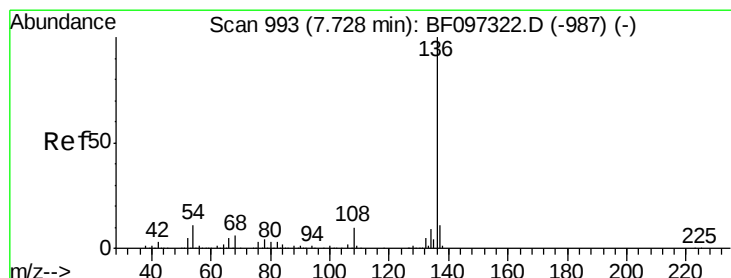
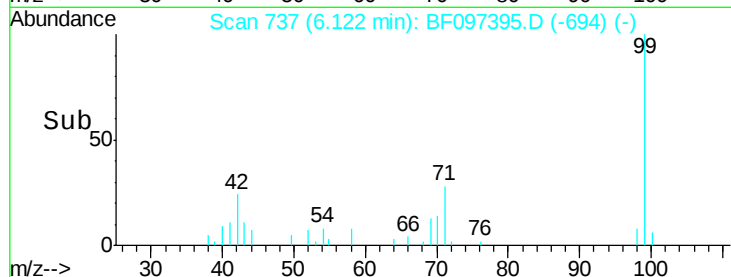
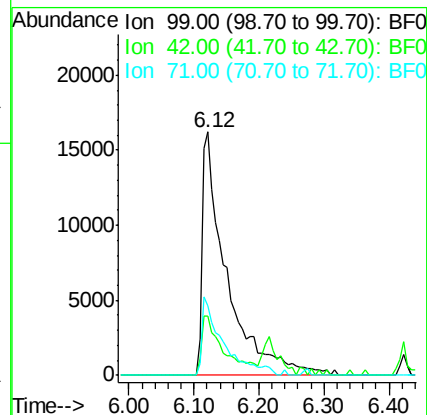
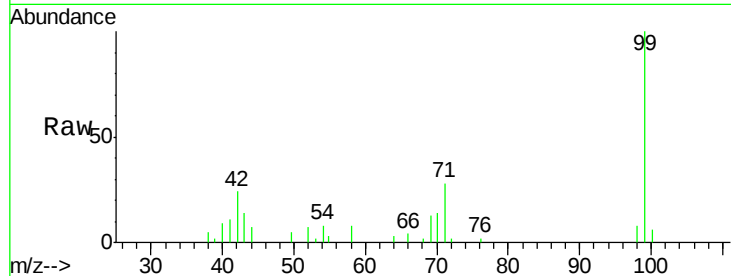
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 42177

Ion	Ratio	Lower	Upper
99	100		
42	24.4	13.5	20.3#
71	28.4	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.70 min Scan# 1006

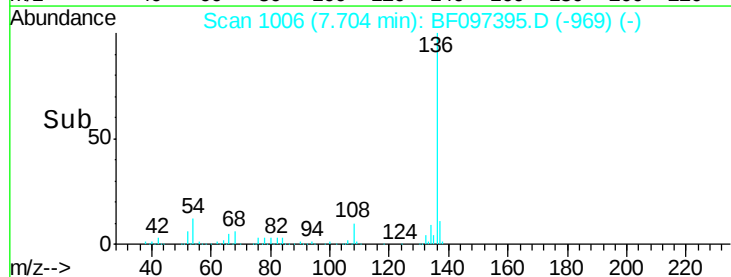
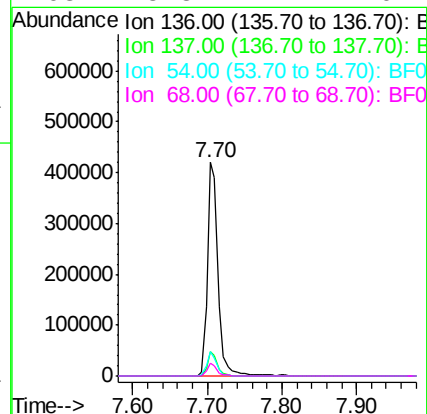
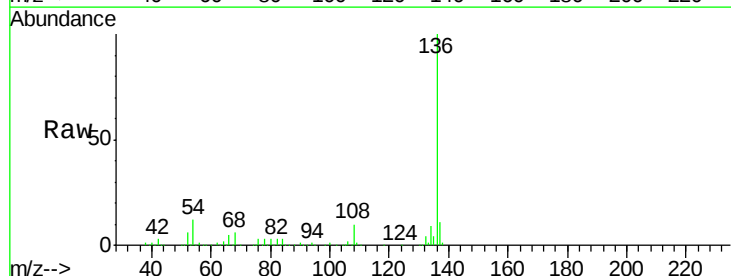
Delta R.T. -0.08 min

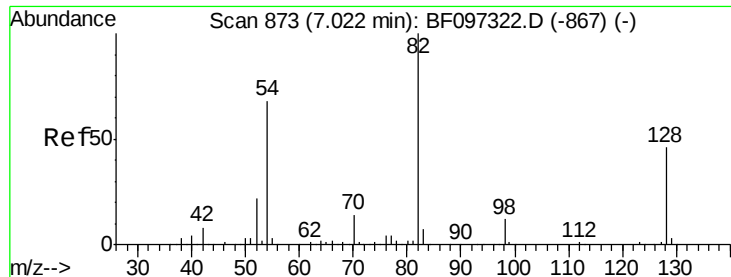
Lab File: BF097395.D

Acq: 5 Aug 2017 14:17

Tgt Ion: 136 Resp: 423054

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	11.6	4.9	7.3#
68	5.8	4.1	6.1

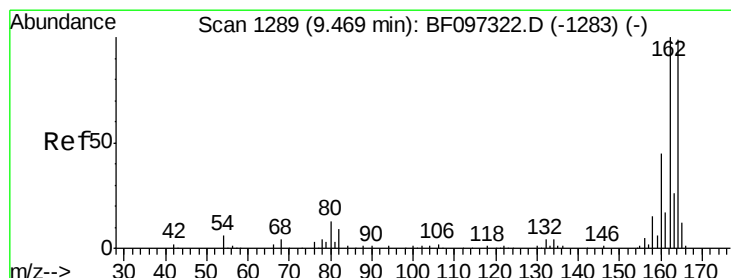
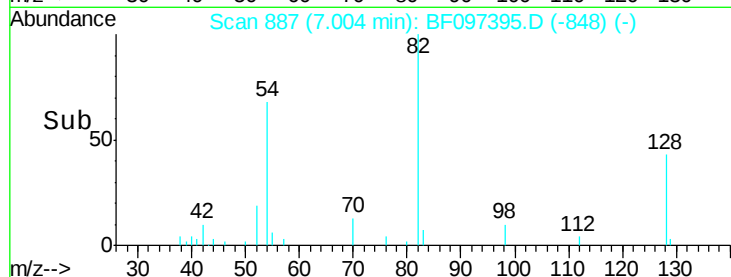
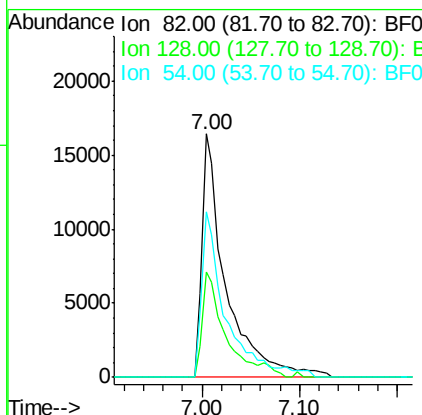
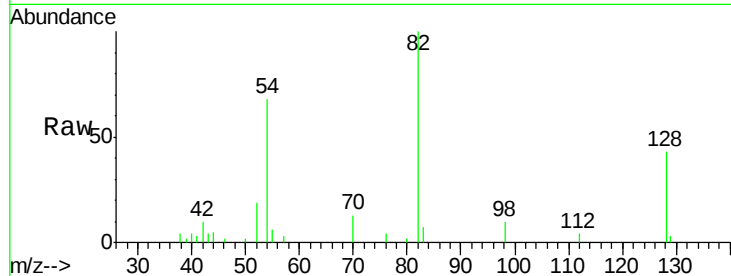




#23
 Nitrobenzene-d5
 Concen: 3.86 ng
 RT: 7.00 min Scan# 887
 Delta R.T. -0.07 min
 Lab File: BF097395.D
 Acq: 5 Aug 2017 14:17

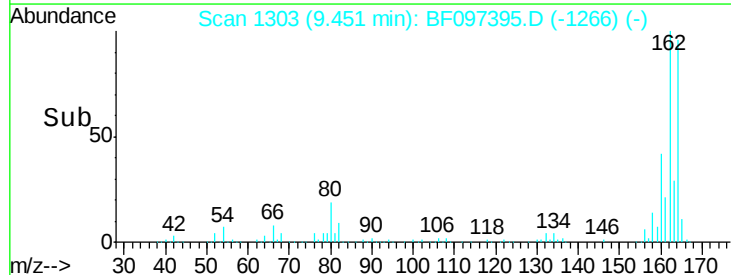
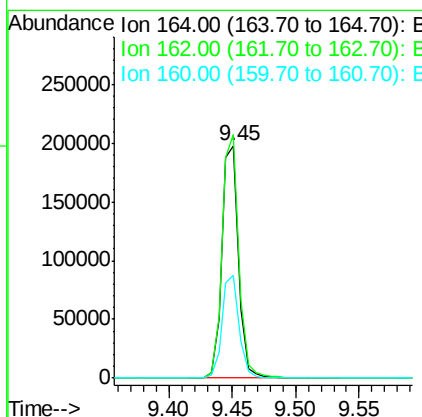
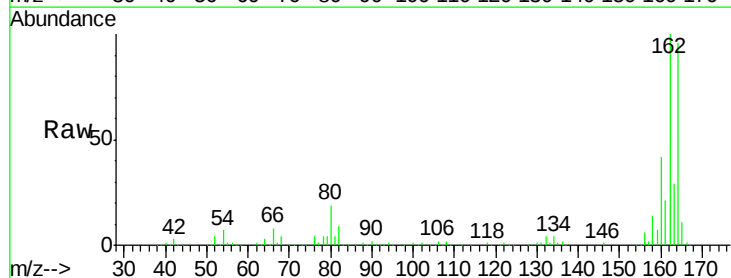
Instrument :
 BNA_F
 ClientSampled :

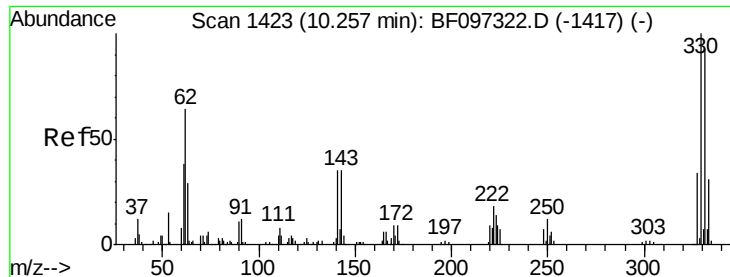
Tot Ion: 82 Resp: 27829
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.0 51.0
 54 67.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097395.D
 Acq: 5 Aug 2017 14:17

Tgt Ion:164 Resp: 182564
 Ion Ratio Lower Upper
 164 100
 162 104.7 82.6 123.8
 160 44.1 36.2 54.2

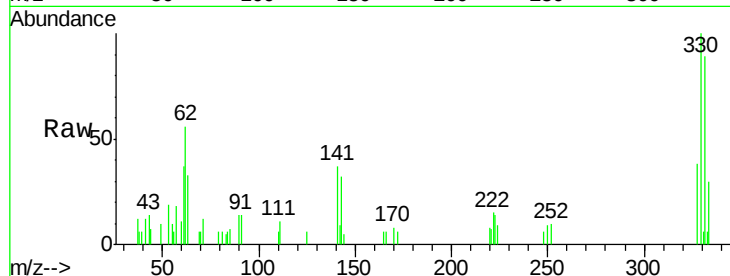




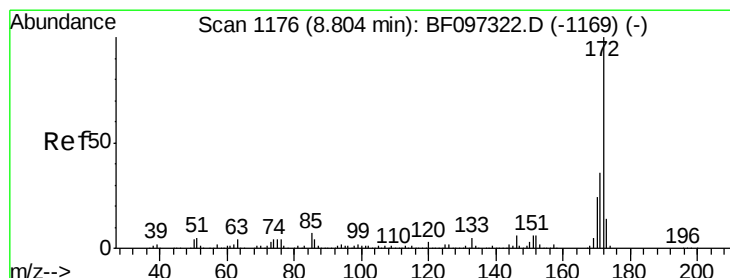
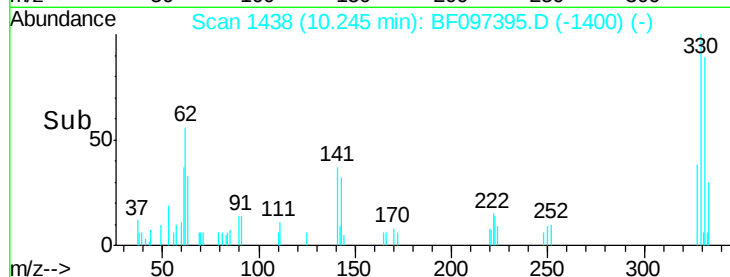
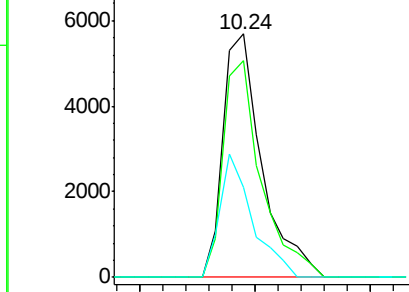
#41
 2,4,6-Tribromophenol
 Concen: 4.62 ng
 RT: 10.24 min Scan# 1438
 Delta R.T. -0.08 min
 Lab File: BF097395.D
 Acq: 5 Aug 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 6665
 Ion Ratio Lower Upper
 330 100
 332 87.1 76.6 115.0
 141 42.3 31.4 47.2

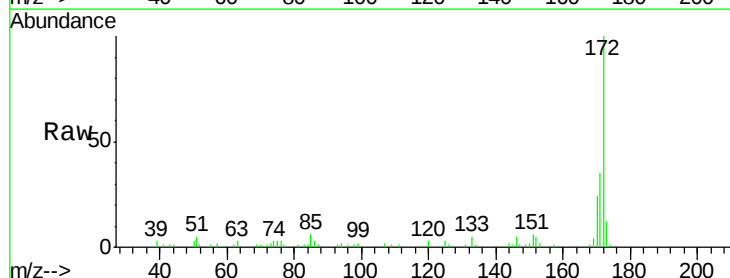


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

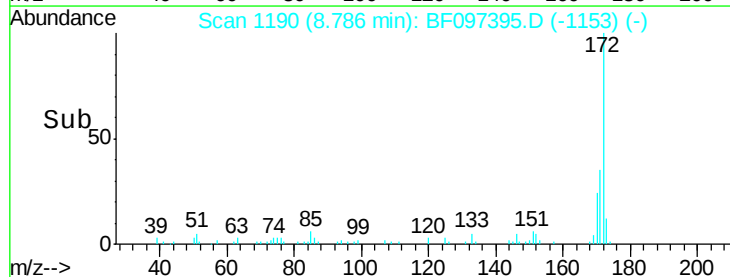
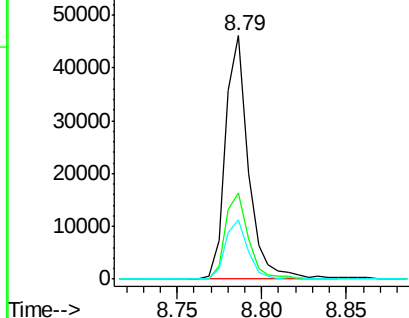


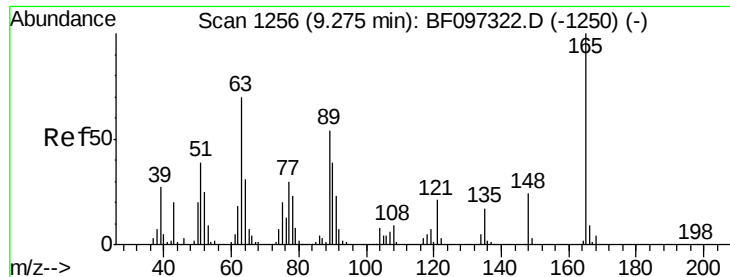
#44
 2-Fluorobiphenyl
 Concen: 4.06 ng
 RT: 8.79 min Scan# 1190
 Delta R.T. -0.08 min
 Lab File: BF097395.D
 Acq: 5 Aug 2017 14:17

Tgt Ion:172 Resp: 43726
 Ion Ratio Lower Upper
 172 100
 171 35.3 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

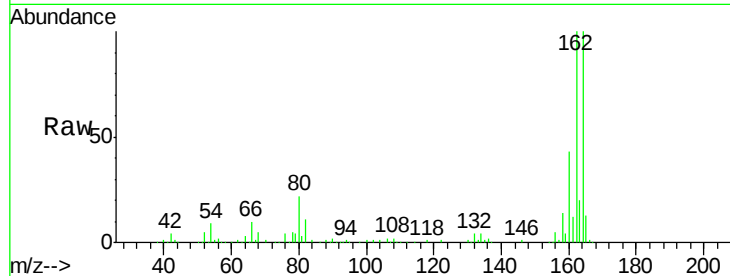




#50
 2,6-Dinitrotoluene
 Concen: 7.50 ng
 RT: 9.45 min Scan# 1302
 Delta R.T. 0.11 min
 Lab File: BF097395.D
 Acq: 5 Aug 2017 14:17

Instrument :
 BNA_F
 ClientSampleId :

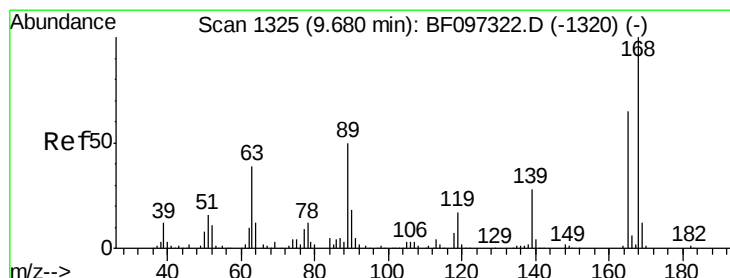
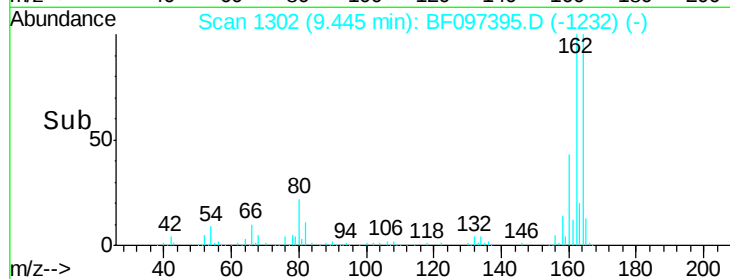
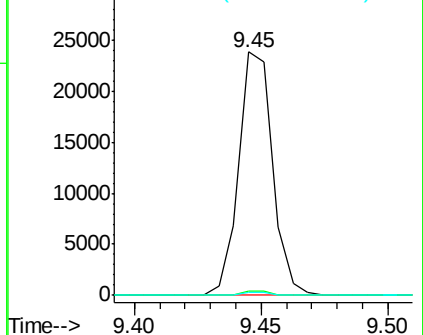
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	34.3	51.5#
89	1.3	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

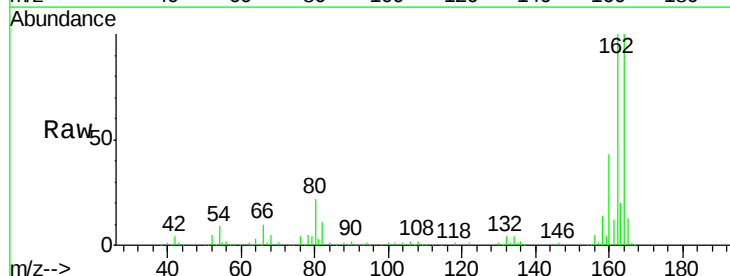
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.52 ng
 RT: 9.45 min Scan# 1302
 Delta R.T. -0.29 min
 Lab File: BF097395.D
 Acq: 5 Aug 2017 14:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

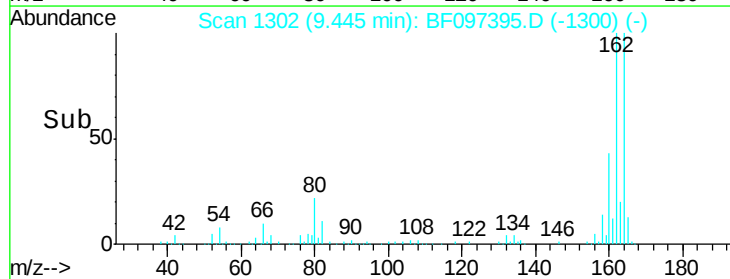
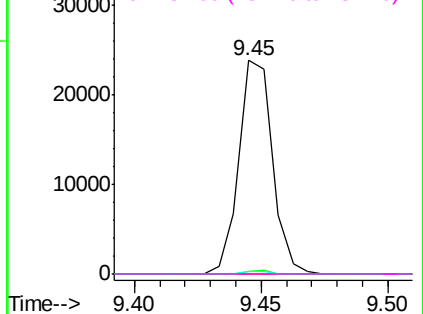


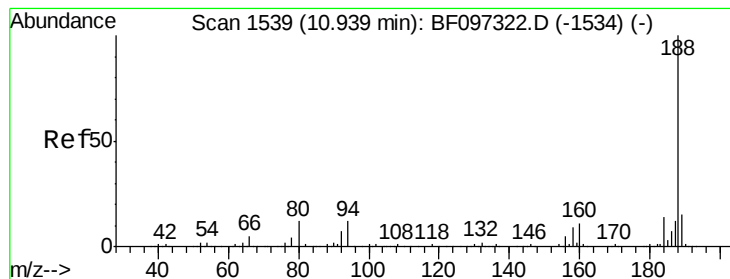
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.92 min Scan# 1553

Delta R.T. -0.08 min

Lab File: BF097395.D

Acq: 5 Aug 2017 14:17

Instrument :

BNA_F

ClientSampleId :

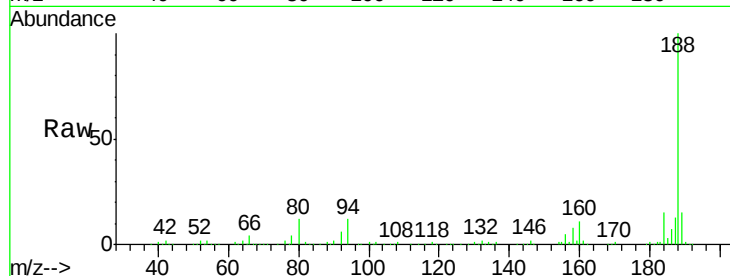
Tot Ion:188 Resp: 293123

Ion Ratio Lower Upper

188 100

94 12.2 9.4 14.2

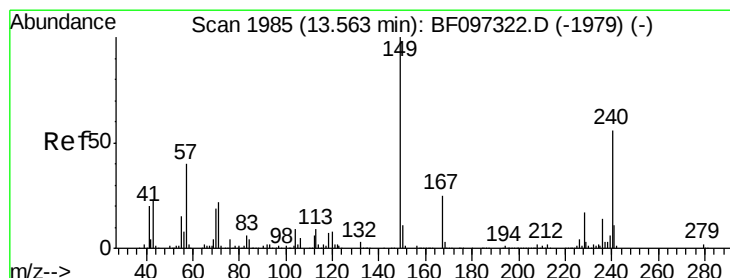
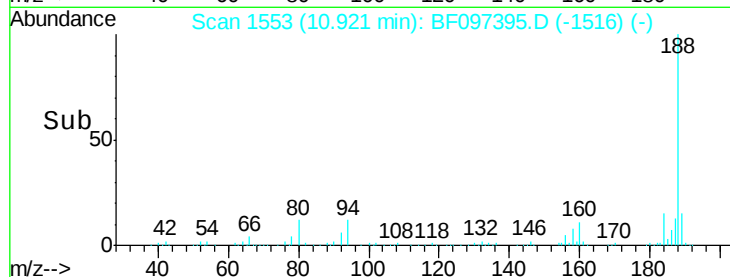
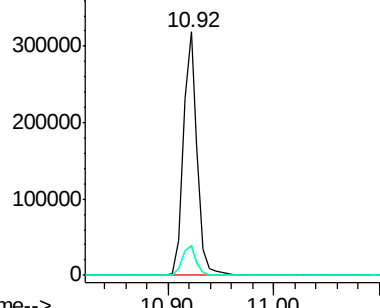
80 11.6 10.2 15.2



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: 20.00 ng

RT: 13.54 min Scan# 1998

Delta R.T. -0.09 min

Lab File: BF097395.D

Acq: 5 Aug 2017 14:17

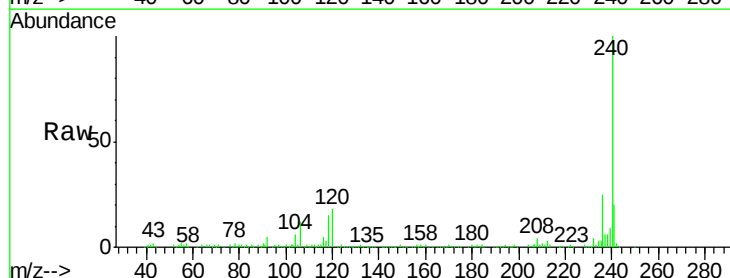
Tgt Ion:240 Resp: 197543

Ion Ratio Lower Upper

240 100

120 17.8 5.8 8.8#

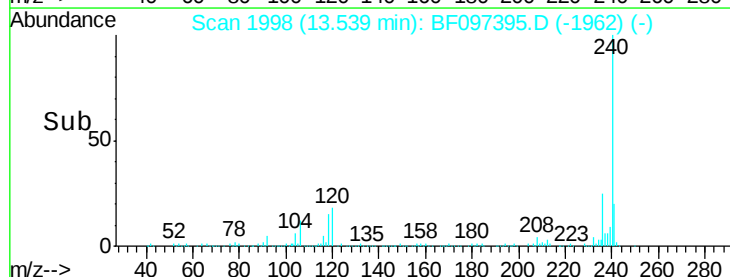
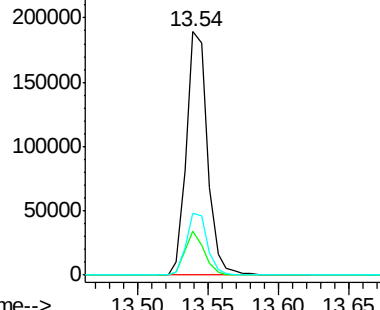
236 25.2 20.5 30.7

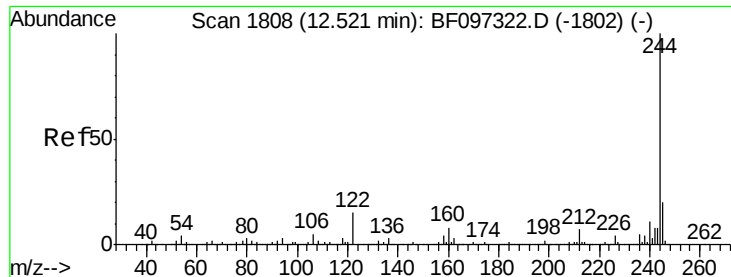


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

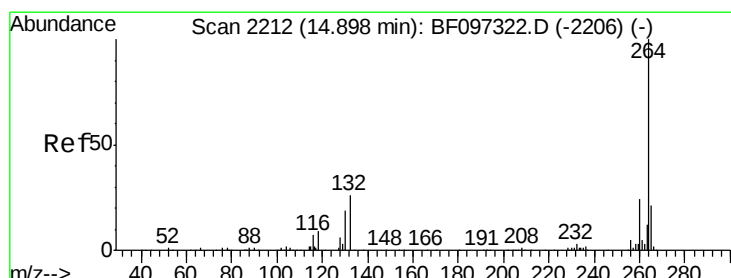
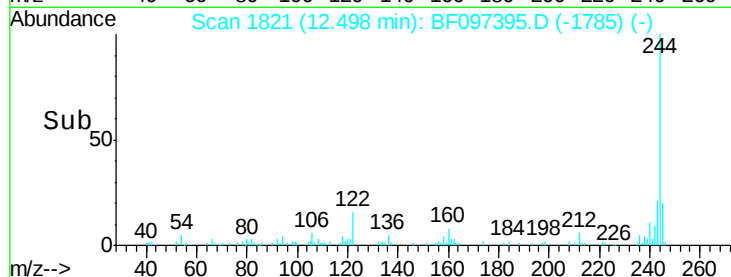
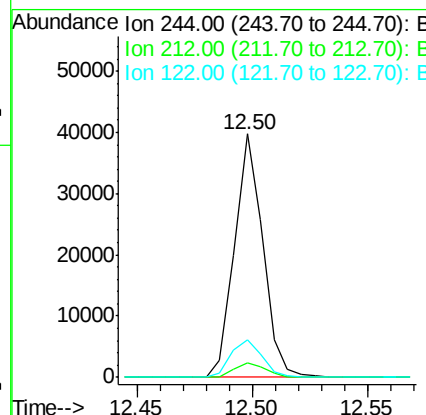
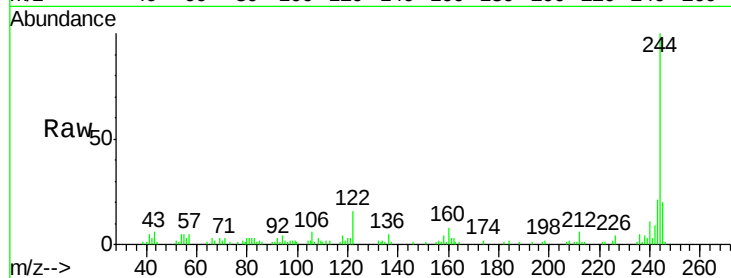




#78
 Terphenyl-d14
 Concen: 3.51 ng
 RT: 12.50 min Scan# 1821
 Delta R.T. -0.09 min
 Lab File: BF097395.D
 Acq: 5 Aug 2017 14:17

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 34054
 Ion Ratio Lower Upper
 244 100
 212 6.2 6.0 9.0
 122 15.5 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2226
 Delta R.T. -0.09 min
 Lab File: BF097395.D
 Acq: 5 Aug 2017 14:17

Tgt Ion:264 Resp: 173449
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 22.1 17.2 25.8

