

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097258.D
 Acq On : 2 Aug 2017 7:00
 Operator : SJ/JU
 Sample : I4527-03 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-ESW

Quant Time: Aug 02 07:53:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

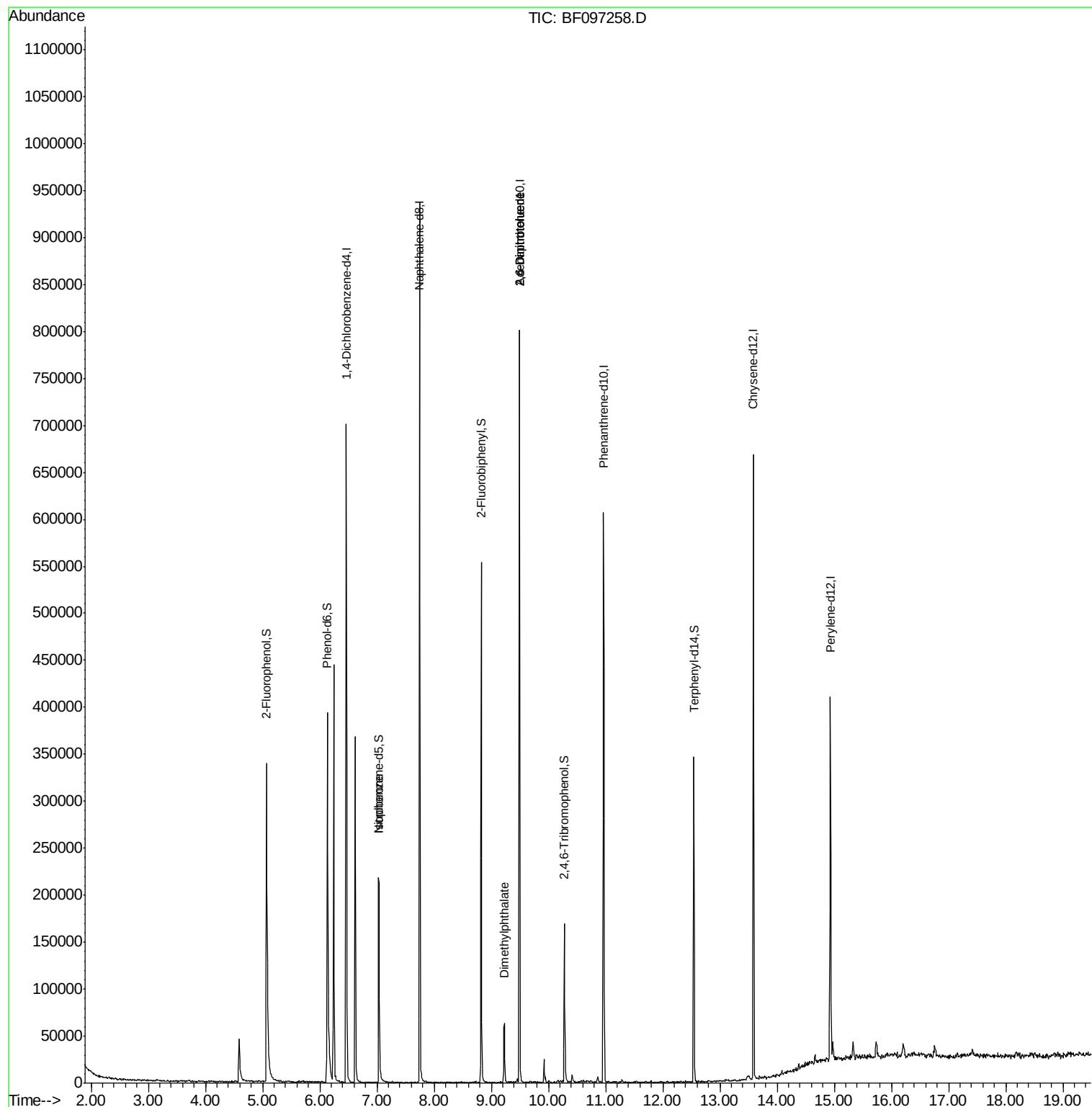
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	104125	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	391140	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	159361	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	209430	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	210198	20.00	ng	-0.04
86) Perylene-d12	14.93	264	152368	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	142091	20.57	ng	-0.03
7) Phenol-d6	6.13	99	165934	21.04	ng	-0.04
23) Nitrobenzene-d5	7.03	82	78211	11.73	ng	-0.05
41) 2,4,6-Tribromophenol	10.28	330	21268	16.89	ng	-0.04
44) 2-Fluorobiphenyl	8.82	172	156384	16.65	ng	-0.05
78) Terphenyl-d14	12.54	244	95759	9.29	ng	-0.04
Target Compounds						
25) Isophorone	7.03	82	76297	5.84	ng	# 67
49) Dimethylphthalate	9.23	163	29983	2.48	ng	97
50) 2,6-Dinitrotoluene	9.49	165	19644	7.65	ng	# 33
56) 2,4-Dinitrotoluene	9.49	165	19644	6.66	ng	# 32

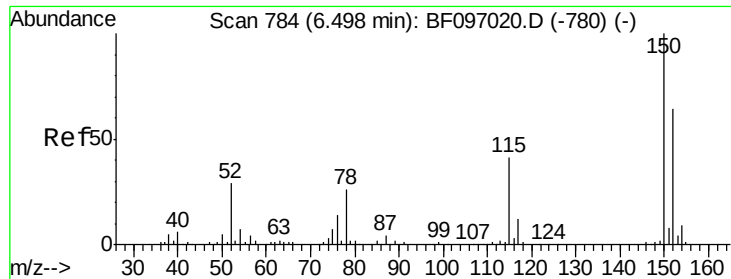
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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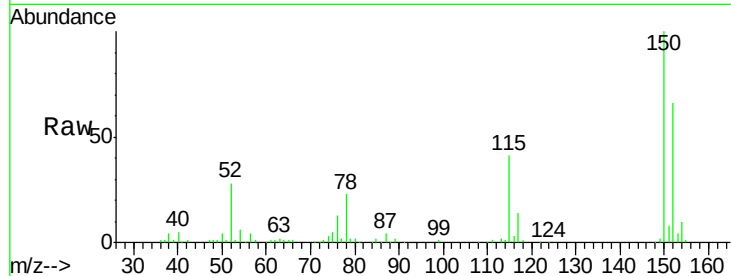


#1

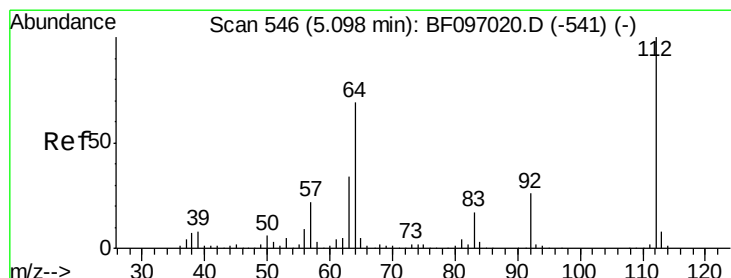
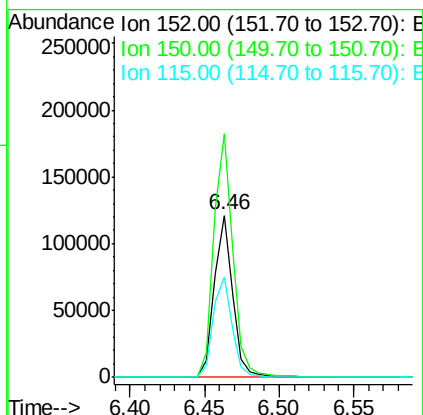
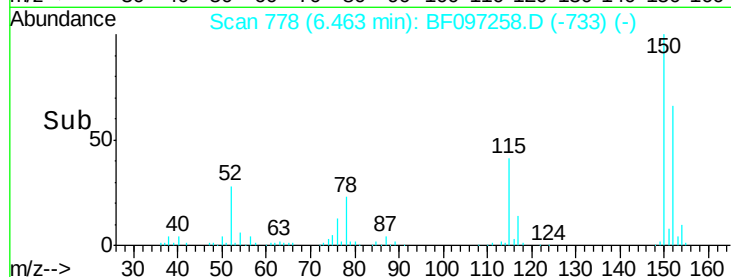
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF097258.D
Acq: 2 Aug 2017 7:00

Instrument :
BNA_F
ClientSampleId :
E2-HS7-ESW

Tot Ion:152 Resp: 104125
Ion Ratio Lower Upper
152 100
150 150.5 126.2 189.2
115 61.6 52.2 78.2



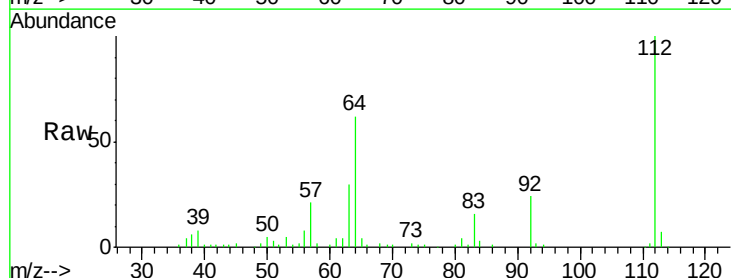
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



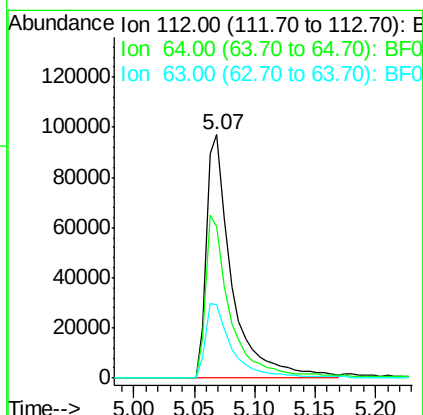
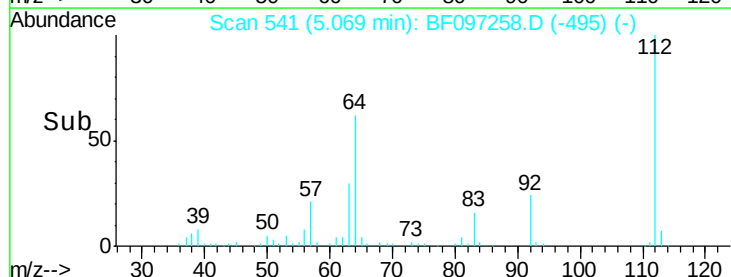
#5

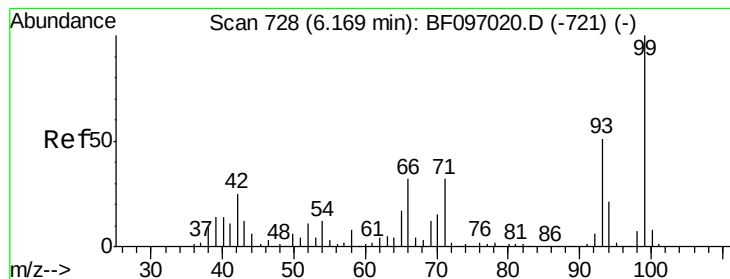
2-Fluorophenol
Concen: 20.57 ng
RT: 5.07 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF097258.D
Acq: 2 Aug 2017 7:00

Tgt Ion:112 Resp: 142091
Ion Ratio Lower Upper
112 100
64 62.2 46.0 69.0
63 30.4 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: 21.04 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF097258.D

Acq: 2 Aug 2017 7:00

Instrument :

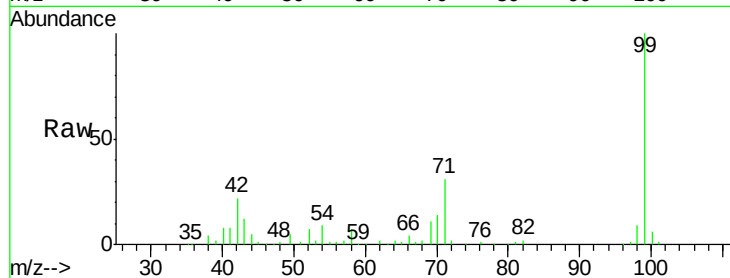
BNA_F

ClientSampleId :

E2-HS7-ESW

Tot Ion: 99 Resp: 165934

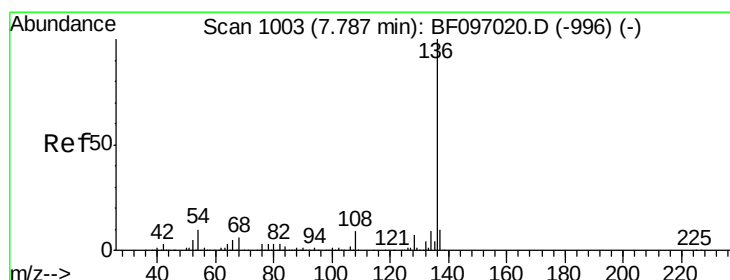
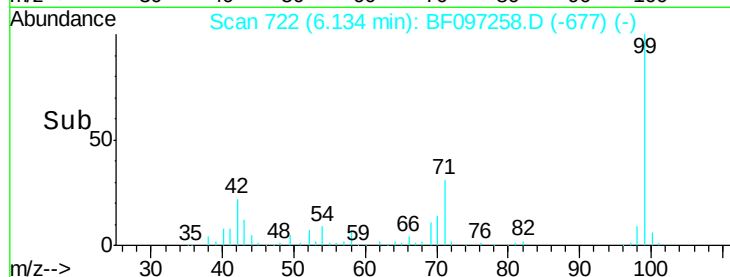
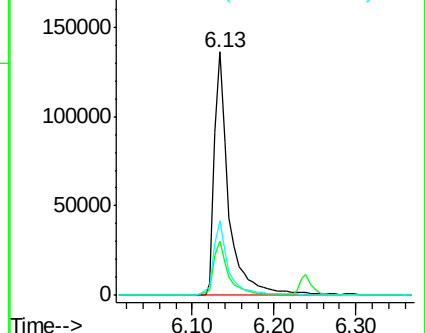
Ion	Ratio	Lower	Upper
99	100		
42	22.1	13.5	20.3#
71	30.5	24.5	36.7



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: 20.00 ng

RT: 7.75 min Scan# 996

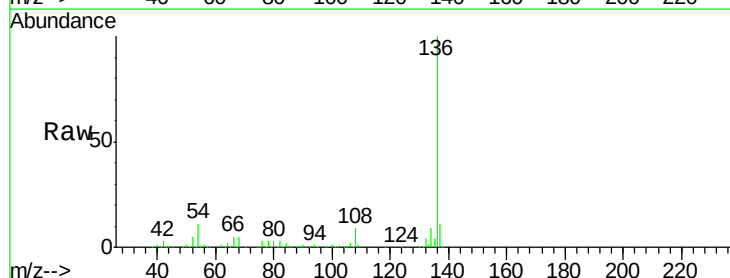
Delta R.T. -0.04 min

Lab File: BF097258.D

Acq: 2 Aug 2017 7:00

Tgt Ion: 136 Resp: 391140

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.8	4.9	7.3#
68	5.4	4.1	6.1

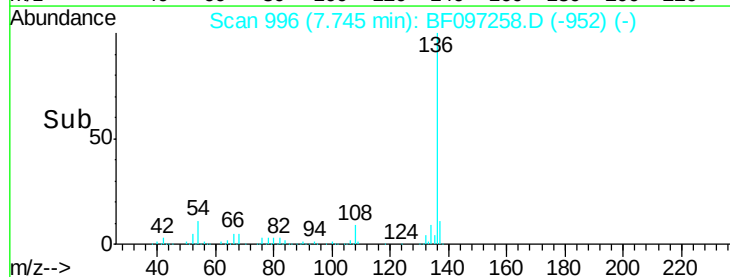
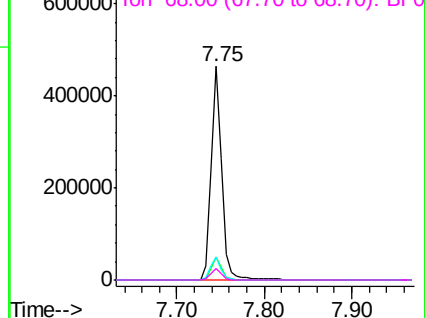


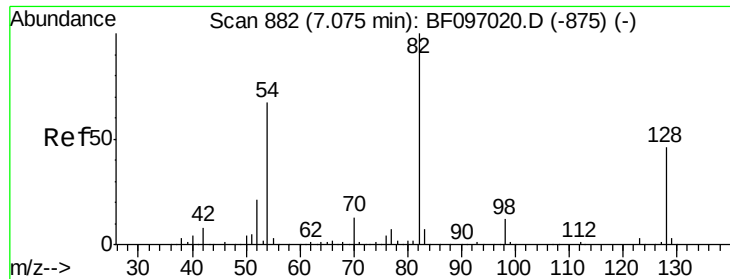
Abundance Ion 136.00 (135.70 to 136.70): E

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

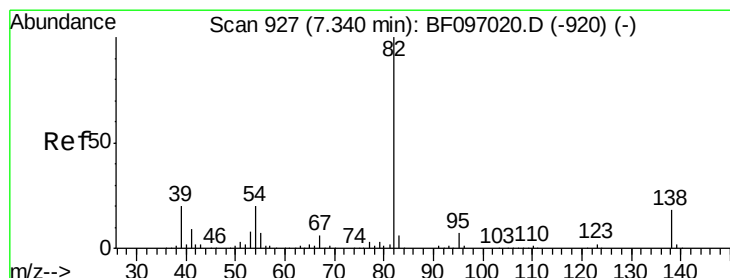
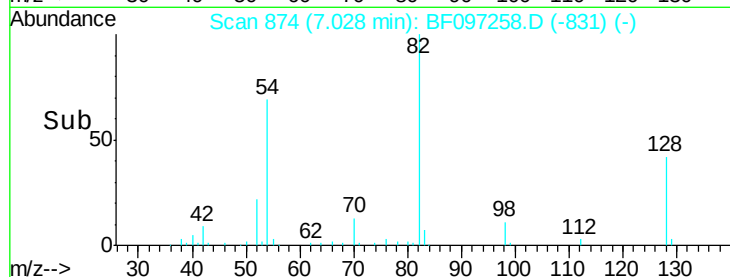
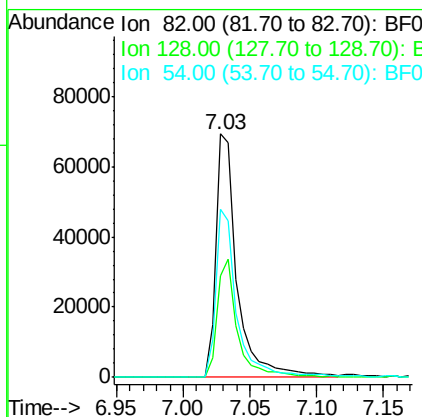
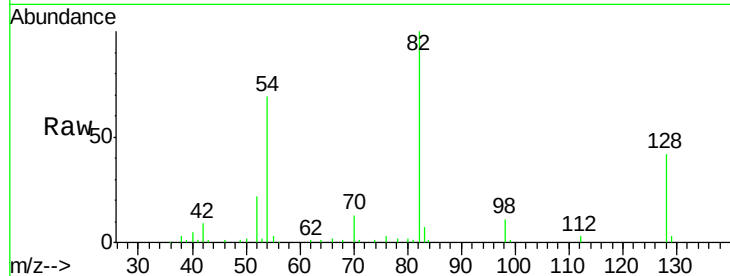




#23
 Nitrobenzene-d5
 Concen: 11.73 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.05 min
 Lab File: BF097258.D
 Acq: 2 Aug 2017 7:00

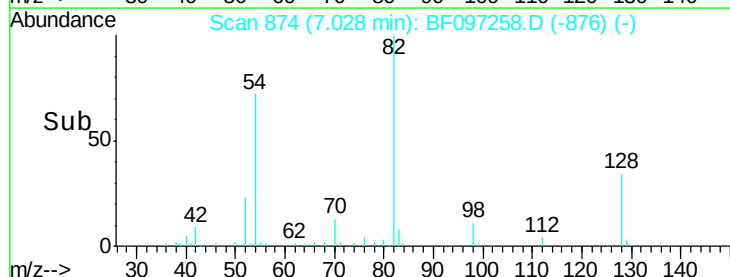
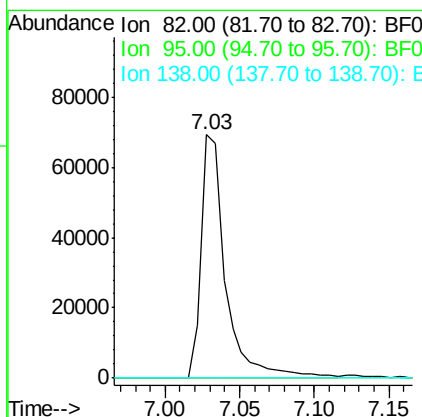
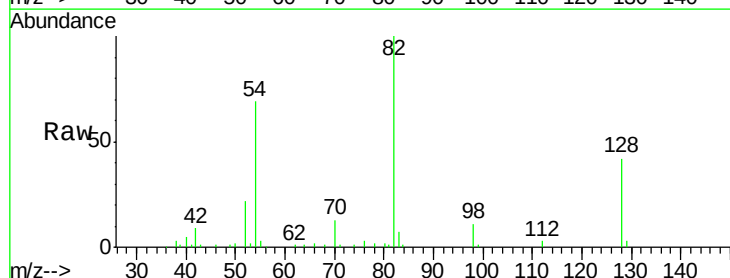
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-ESW

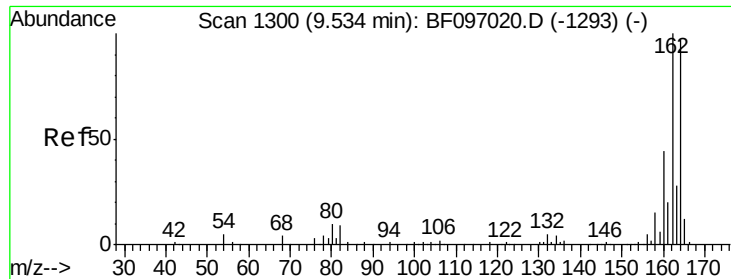
Tot Ion	82	Resp	78211
Ion Ratio	Lower	Upper	
82	100		
128	41.7	34.0	51.0
54	69.3	42.2	63.2#



#25
 Isophorone
 Concen: 5.84 ng
 RT: 7.03 min Scan# 874
 Delta R.T. -0.31 min
 Lab File: BF097258.D
 Acq: 2 Aug 2017 7:00

Tgt Ion	82	Resp	76297
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.04 min

Lab File: BF097258.D

Acq: 2 Aug 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS7-ESW

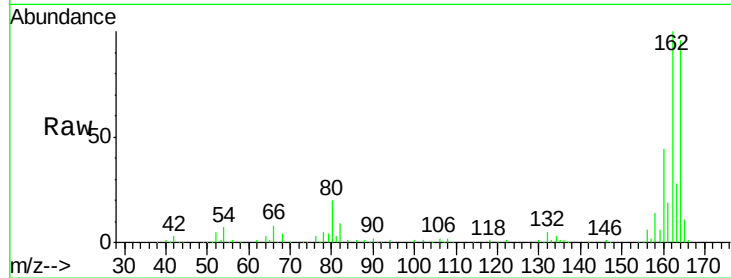
Tot Ion:164 Resp: 159361

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

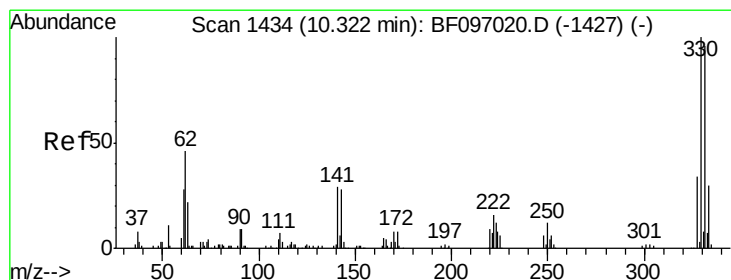
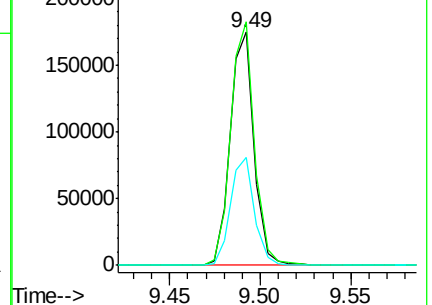
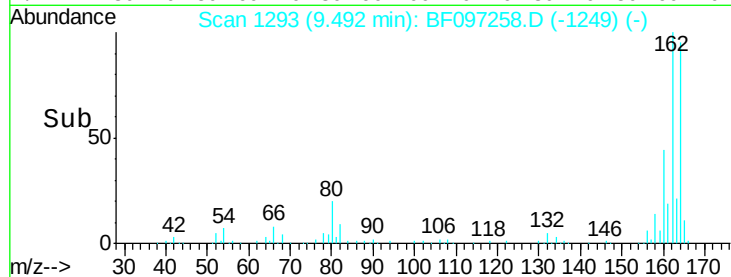
160 46.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 16.89 ng

RT: 10.28 min Scan# 1427

Delta R.T. -0.04 min

Lab File: BF097258.D

Acq: 2 Aug 2017 7:00

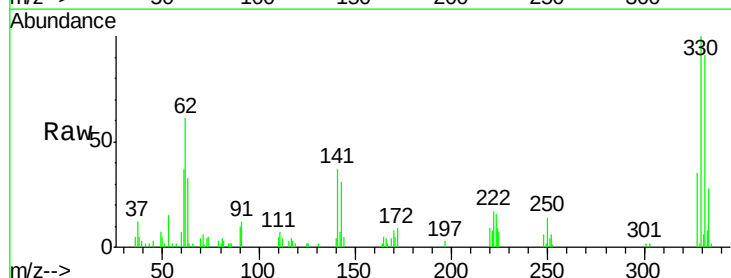
Tgt Ion:330 Resp: 21268

Ion Ratio Lower Upper

330 100

332 91.6 76.6 115.0

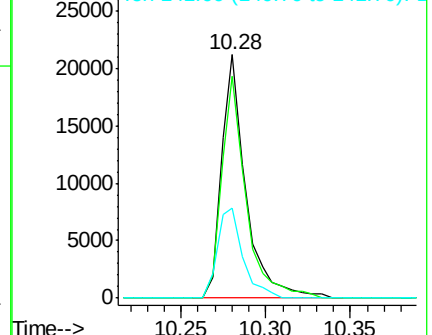
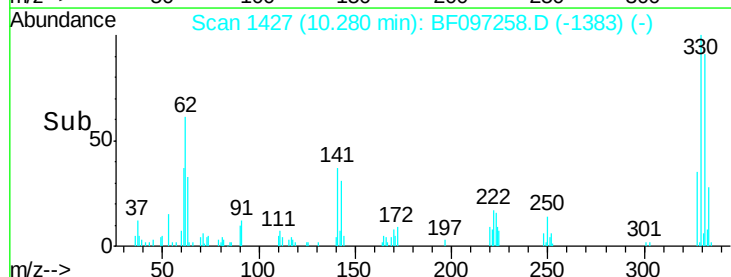
141 39.1 31.4 47.2

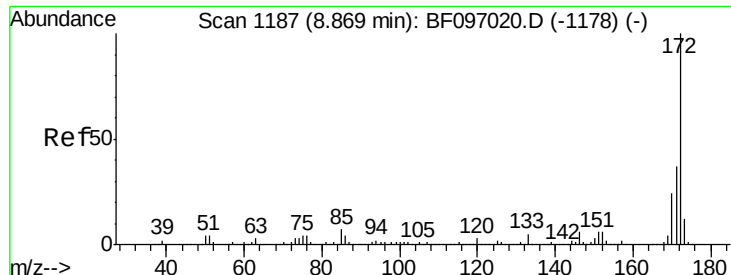


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

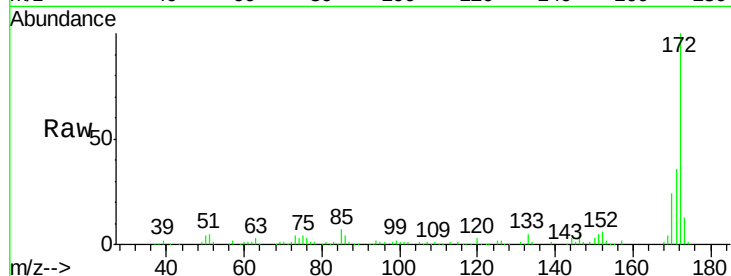




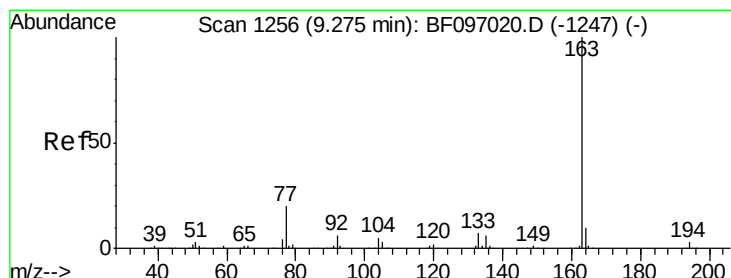
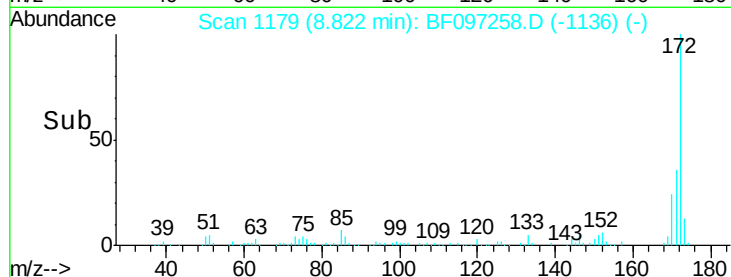
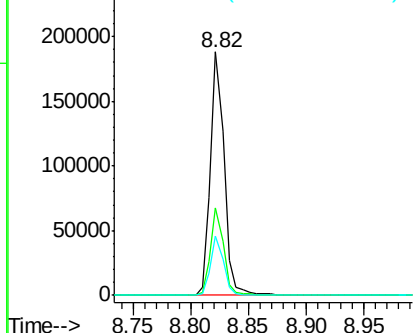
#44
 2-Fluorobiphenyl
 Concen: 16.65 ng
 RT: 8.82 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF097258.D
 Acq: 2 Aug 2017 7:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-ESW

Tot Ion:172 Resp: 156384
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.3 19.8 29.8

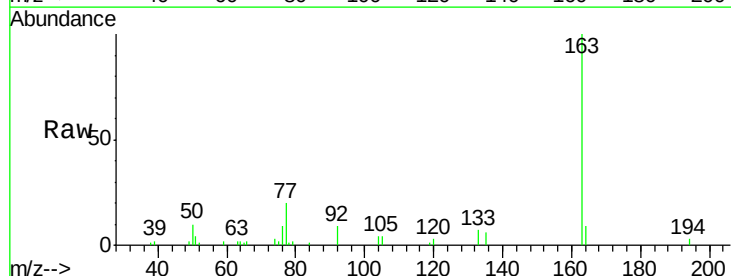


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

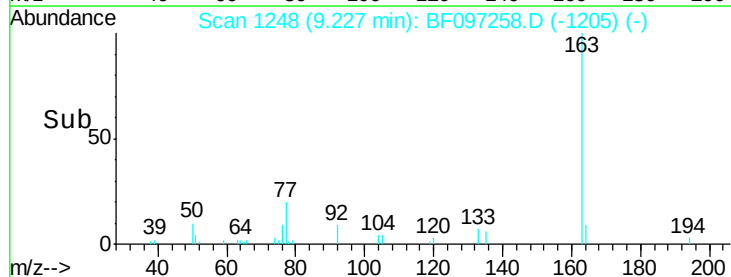
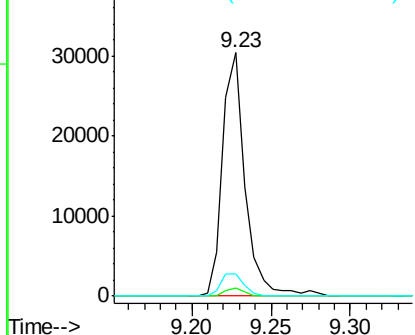


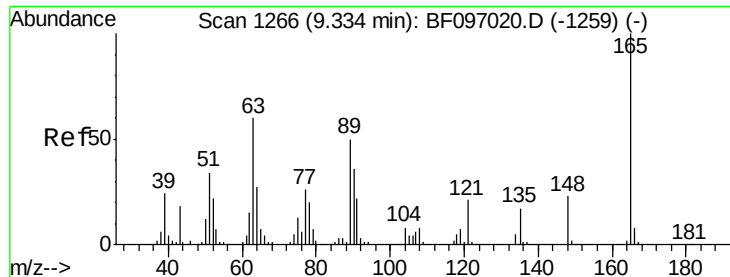
#49
 Dimethylphthalate
 Concen: 2.48 ng
 RT: 9.23 min Scan# 1248
 Delta R.T. -0.05 min
 Lab File: BF097258.D
 Acq: 2 Aug 2017 7:00

Tgt Ion:163 Resp: 29983
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.6 4.0
 164 9.2 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





#50

2,6-Dinitrotoluene

Concen: 7.65 ng

RT: 9.49 min Scan# 1293

Delta R.T. 0.16 min

Lab File: BF097258.D

Acq: 2 Aug 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS7-ESW

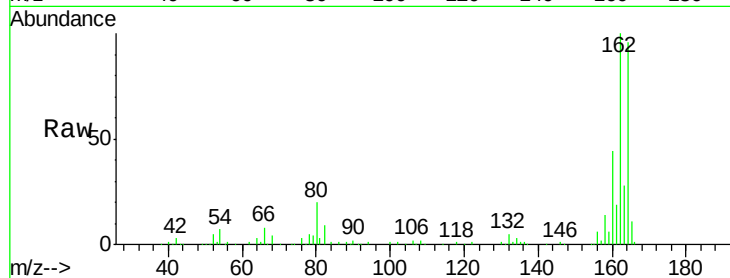
Tot Ion:165 Resp: 19644

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

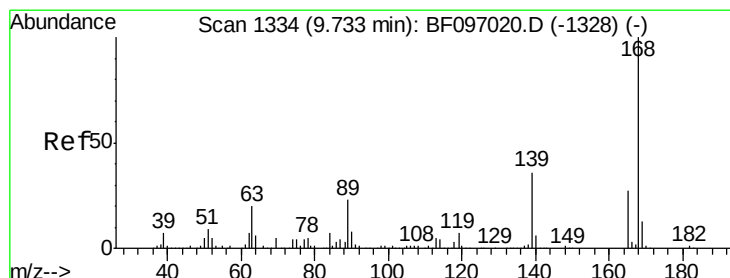
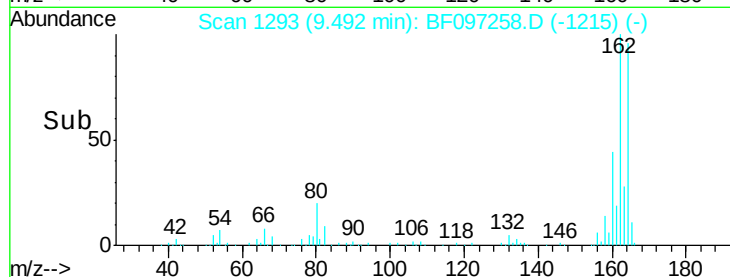
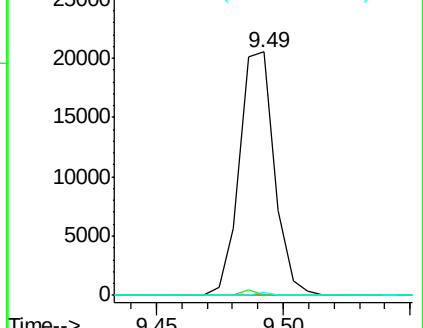
89 1.5 37.1 55.7#



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: 6.66 ng

RT: 9.49 min Scan# 1293

Delta R.T. -0.24 min

Lab File: BF097258.D

Acq: 2 Aug 2017 7:00

Tgt Ion:165 Resp: 19644

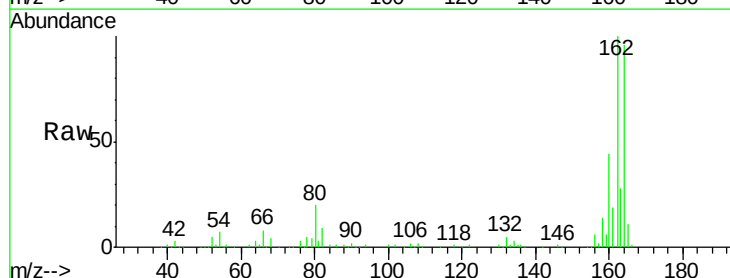
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.5 46.4 69.6#

182 0.0 1.8 2.6#

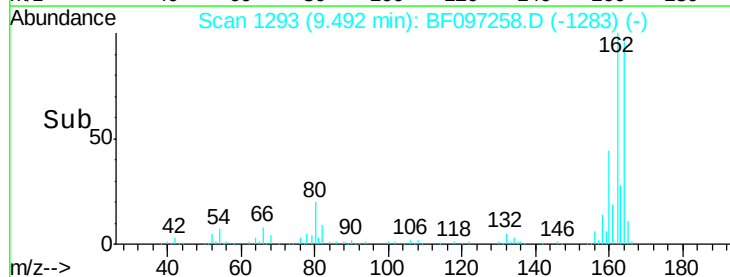
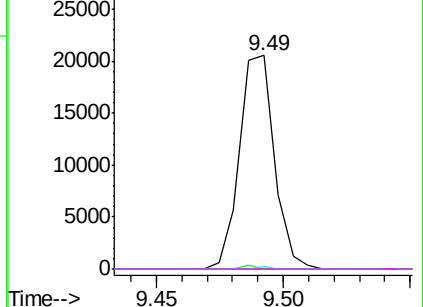


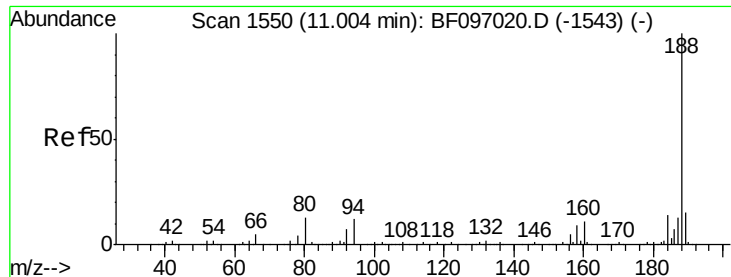
Abundance Ion 165.00 (164.70 to 165.70): E

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

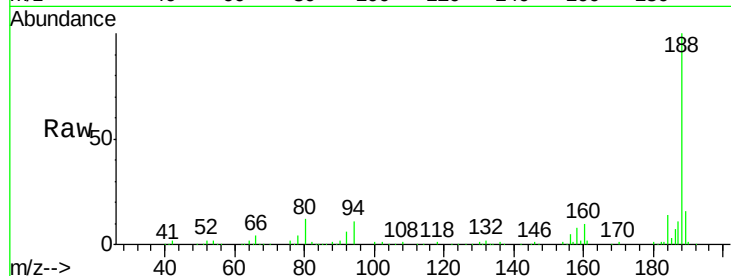




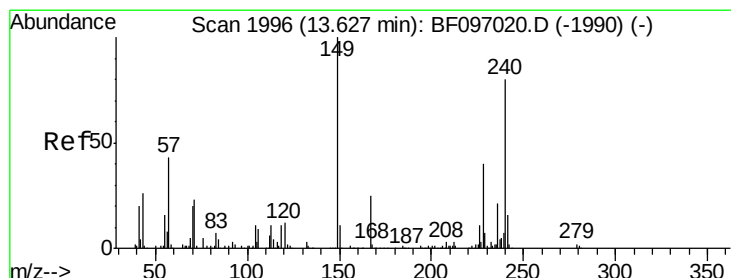
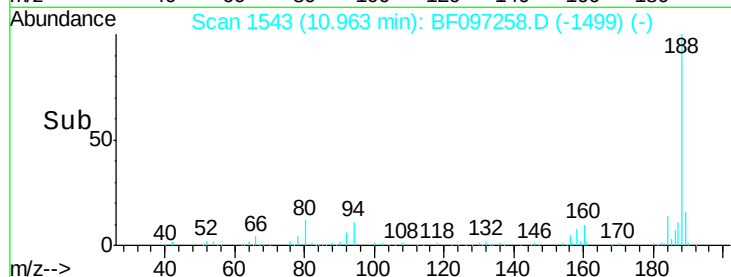
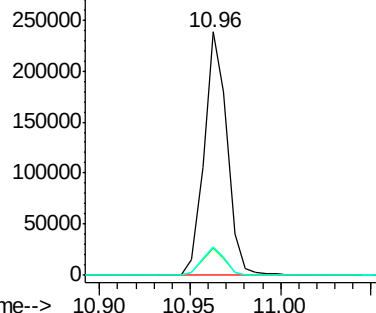
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF097258.D
Acq: 2 Aug 2017 7:00

Instrument :
BNA_F
ClientSampleId :
E2-HS7-ESW

Tot Ion:188 Resp: 209430
Ion Ratio Lower Upper
188 100
94 11.2 9.4 14.2
80 12.0 10.2 15.2

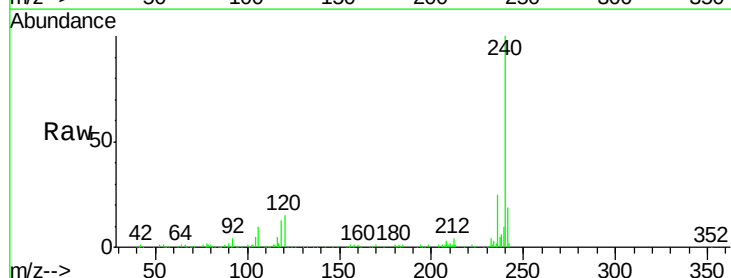


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

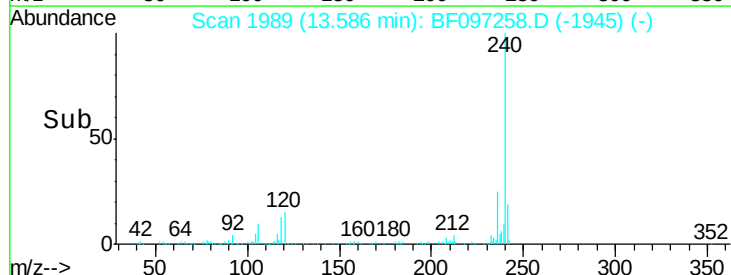
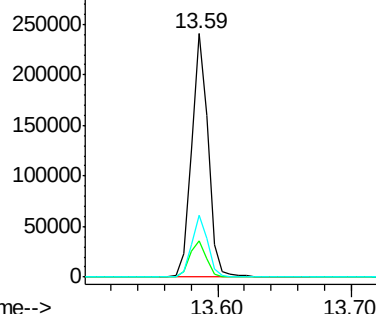


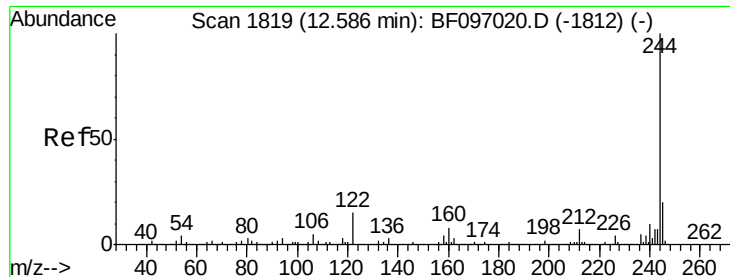
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.04 min
Lab File: BF097258.D
Acq: 2 Aug 2017 7:00

Tgt Ion:240 Resp: 210198
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.3 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

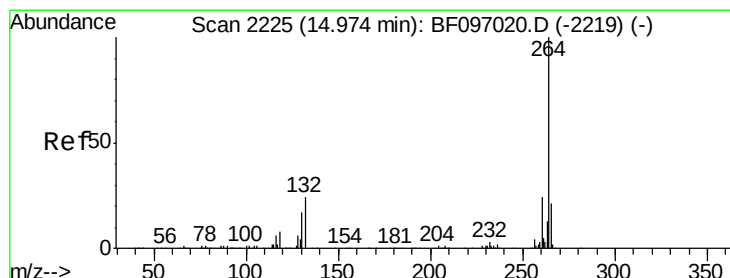
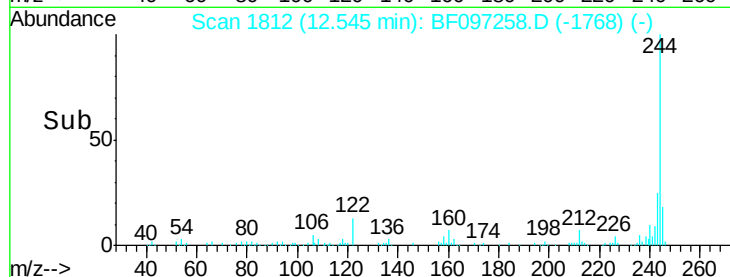
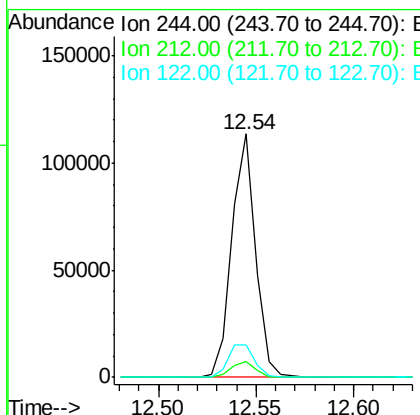
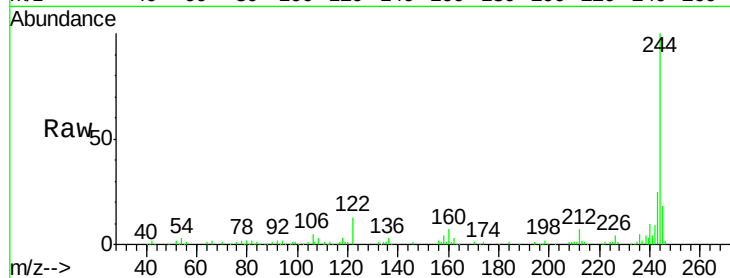




#78
 Terphenyl-d14
 Concen: 9.29 ng
 RT: 12.54 min Scan# 1812
 Delta R.T. -0.04 min
 Lab File: BF097258.D
 Acq: 2 Aug 2017 7:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS7-ESW

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	13.1	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.93 min Scan# 2218
 Delta R.T. -0.04 min
 Lab File: BF097258.D
 Acq: 2 Aug 2017 7:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.5	29.3
265	22.0	17.2	25.8

