

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080717\
 Data File : BF097432.D
 Acq On : 7 Aug 2017 16:38
 Operator : SJ/JU
 Sample : I4625-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-2

Quant Time: Aug 08 04:46:26 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

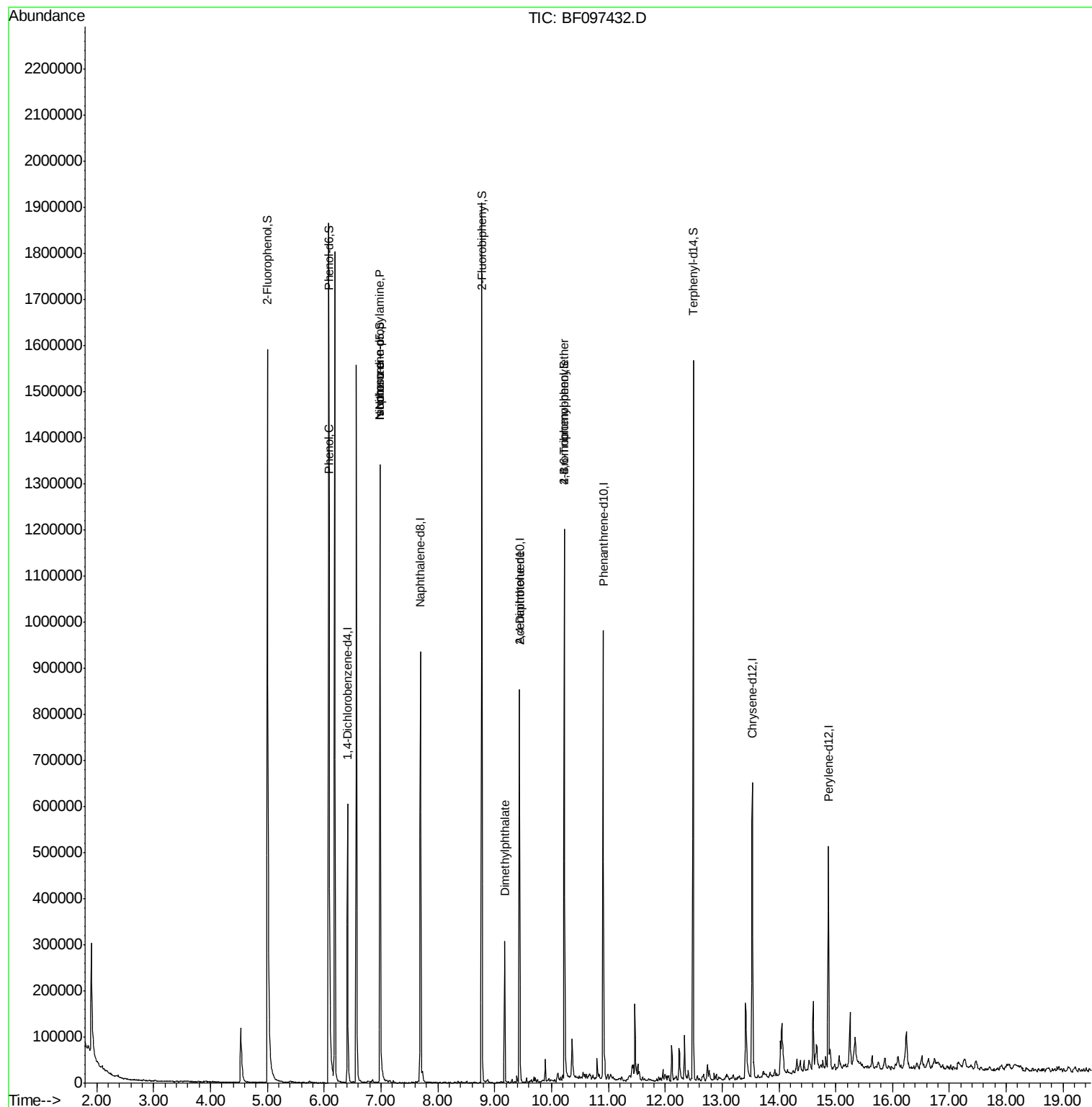
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.41	152	89456	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	427072	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	168273	20.00	ng	0.00
63) Phenanthrene-d10	10.91	188	317730	20.00	ng	0.00
75) Chrysene-d12	13.53	240	214262	20.00	ng	0.00
86) Perylene-d12	14.87	264	181051	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	599137	100.96	ng	0.00
7) Phenol-d6	6.08	99	667492	98.53	ng	0.00
23) Nitrobenzene-d5	6.98	82	415114	57.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.23	330	139100	104.62	ng	0.00
44) 2-Fluorobiphenyl	8.77	172	645356	65.09	ng	0.00
78) Terphenyl-d14	12.49	244	472452	44.96	ng	0.00
Target Compounds						
10) Phenol	6.09	94	27277	3.39	ng	Qvalue 80
19) n-Nitroso-di-n-propylamine	6.98	70	55053	12.35	ng	# 84
25) Isophorone	6.98	82	415109	29.12	ng	# 67
49) Dimethylphthalate	9.17	163	120946	9.46	ng	98
56) 2,4-Dinitrotoluene	9.43	165	21385	6.86	ng	# 33
66) 4-Bromophenyl-phenylether	10.23	248	8369	2.64	ng	# 1

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

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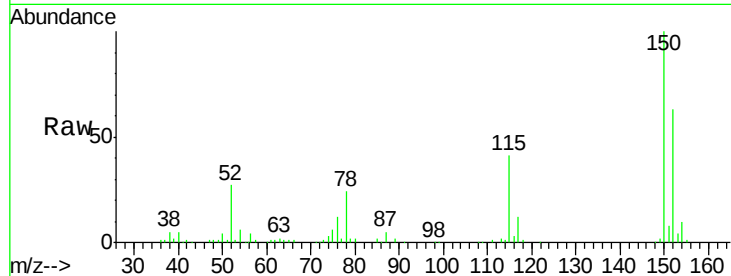


#1

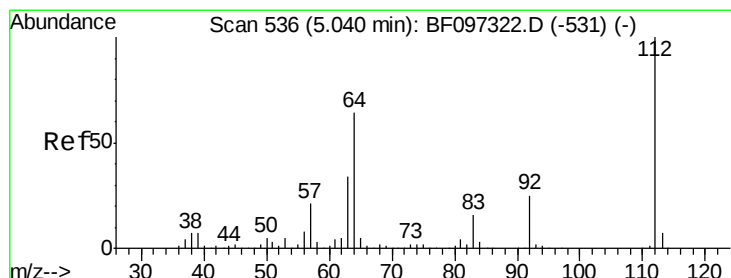
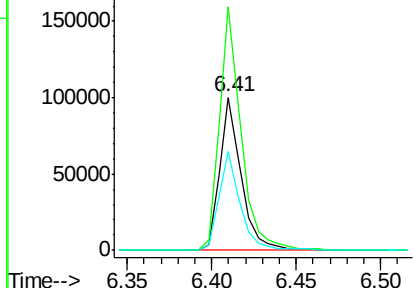
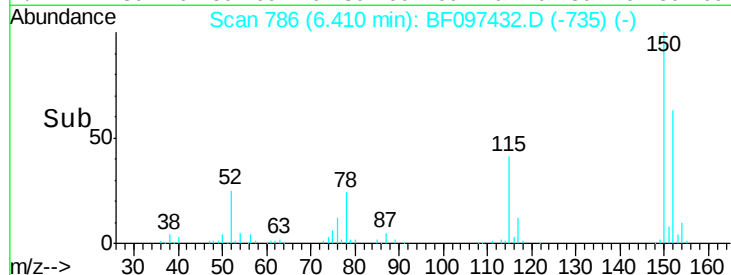
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.41 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-COMP-2

Tot Ion:152 Resp: 89456
Ion Ratio Lower Upper
152 100
150 159.1 126.2 189.2
115 64.7 52.2 78.2



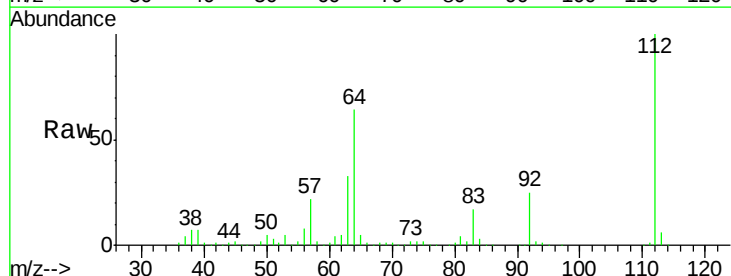
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



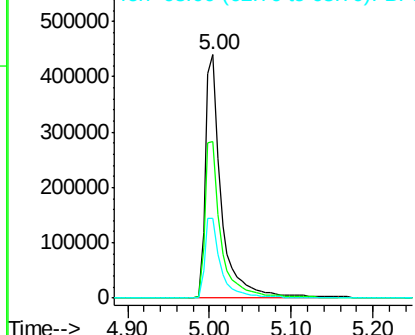
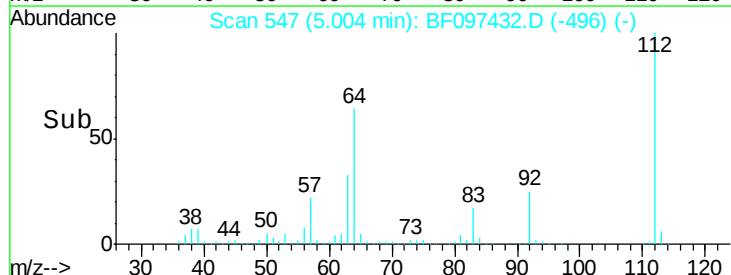
#5

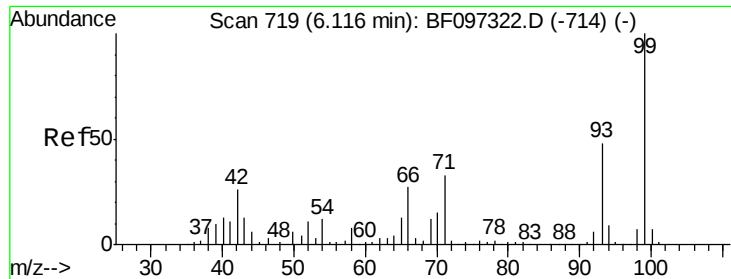
2-Fluorophenol
Concen: 100.96 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

Tgt Ion:112 Resp: 599137
Ion Ratio Lower Upper
112 100
64 64.2 46.0 69.0
63 32.6 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: 98.53 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-2

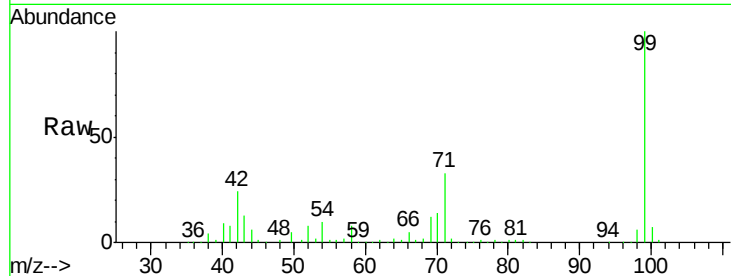
Tot Ion: 99 Resp: 667492

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

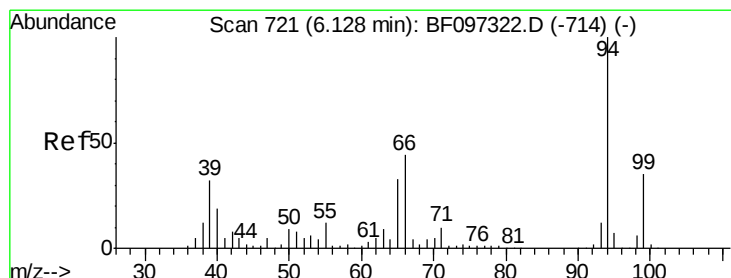
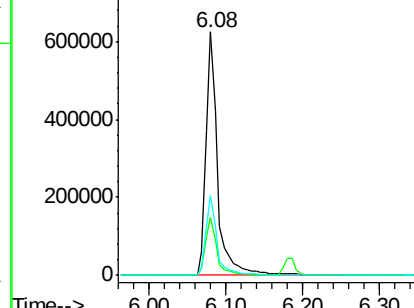
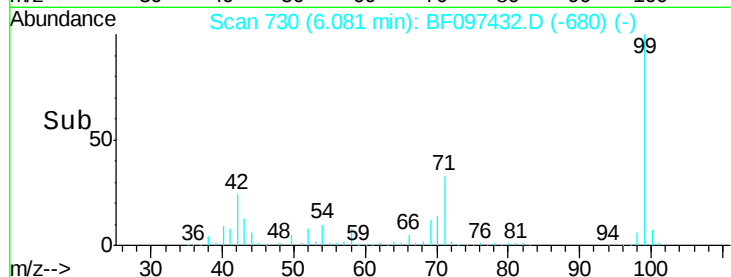
71 32.8 24.5 36.7



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



#10

Phenol

Concen: 3.39 ng

RT: 6.09 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

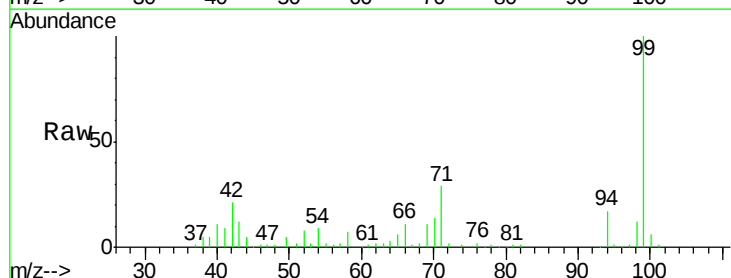
Tgt Ion: 94 Resp: 27277

Ion Ratio Lower Upper

94 100

65 33.0 9.9 49.9

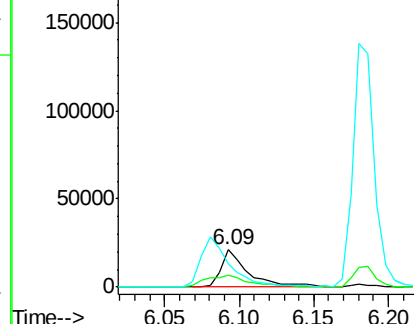
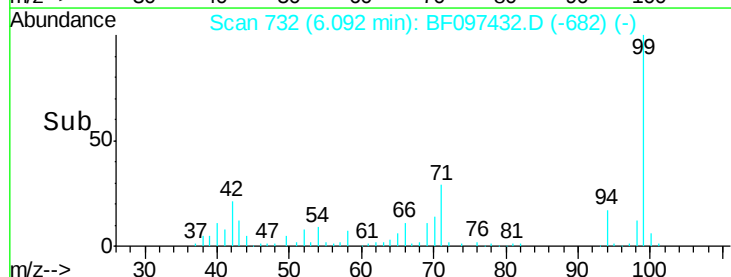
66 62.7 23.1 63.1

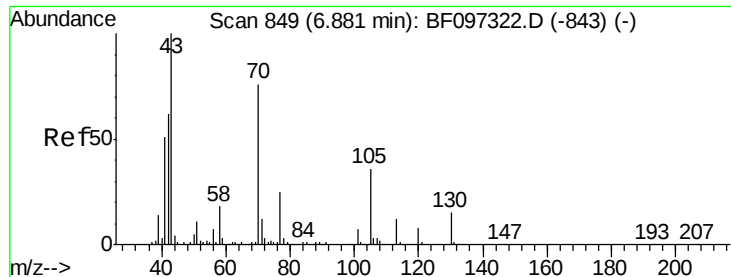


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

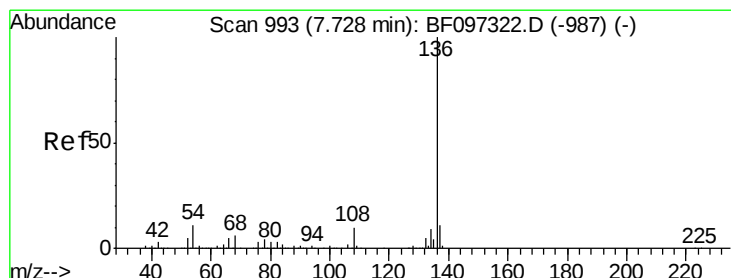
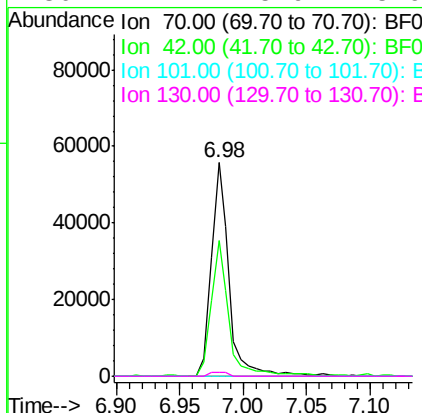
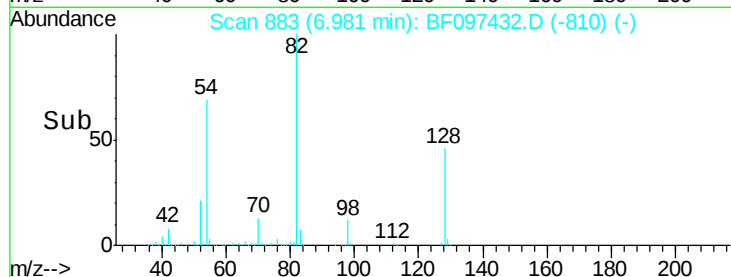
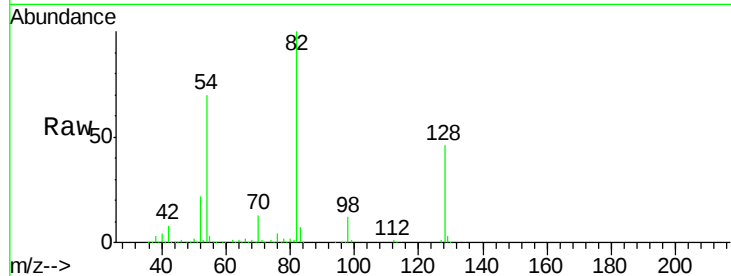




#19
n-Nitroso-di-n-propylamine
Concen: 12.35 ng
RT: 6.98 min Scan# 883
Delta R.T. 0.13 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

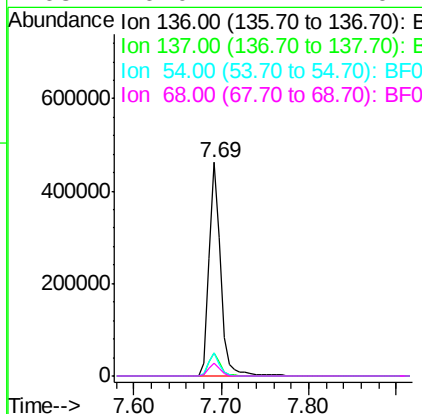
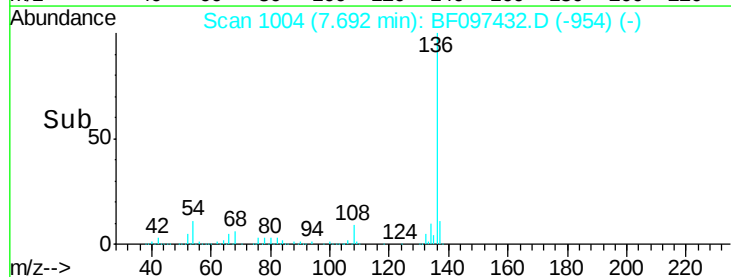
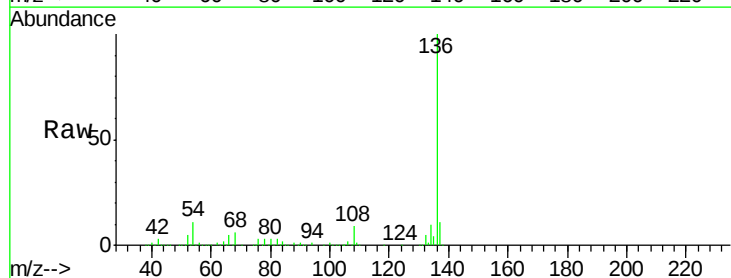
Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-COMP-2

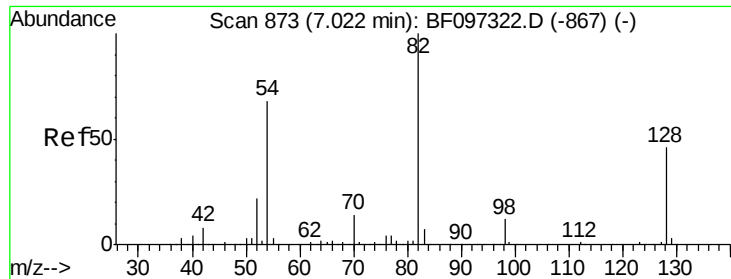
Tot Ion: 70 Resp: 55053
Ion Ratio Lower Upper
70 100
42 63.7 47.2 70.8
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.69 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

Tgt Ion: 136 Resp: 427072
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.8 4.9 7.3#
68 6.0 4.1 6.1

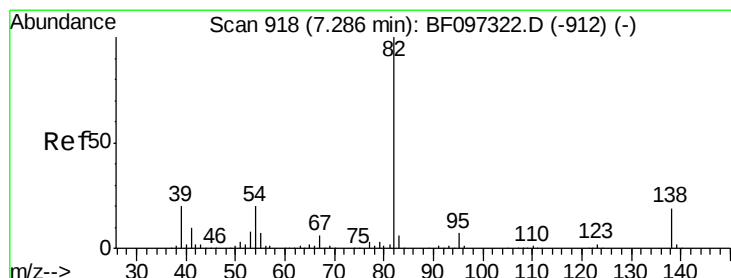
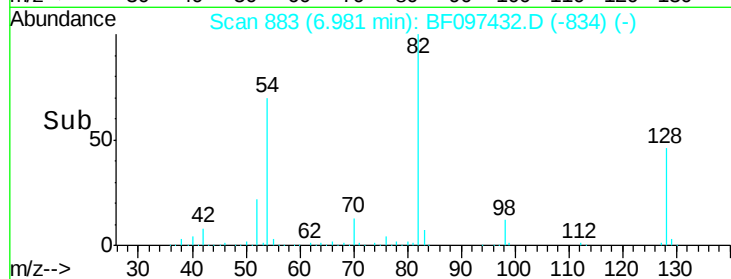
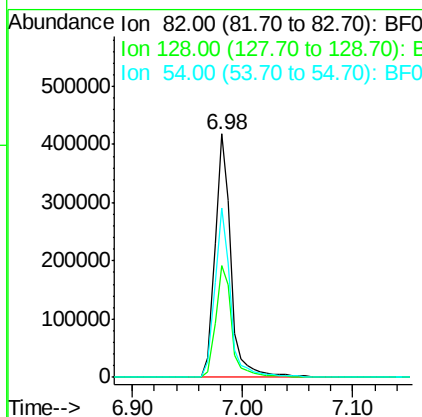
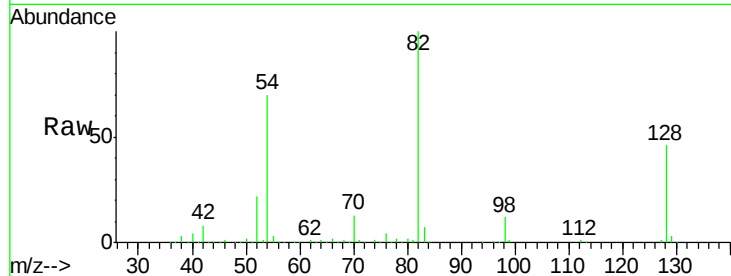




#23
Nitrobenzene-d5
Concen: 57.02 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

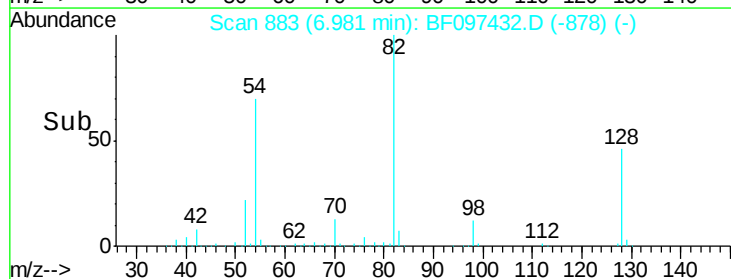
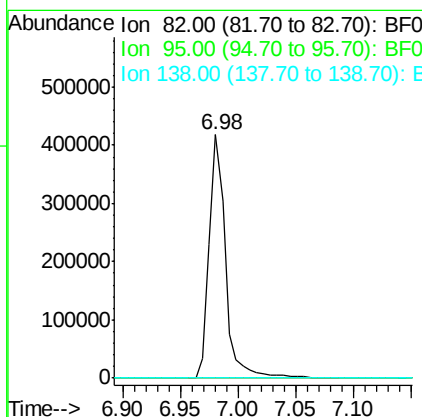
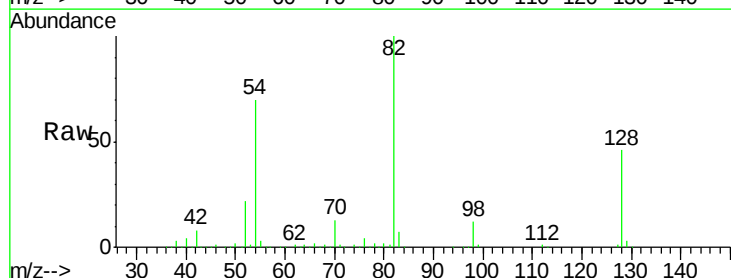
Instrument :
BNA_F
ClientSampleId :
CLINTON-AVE-COMP-2

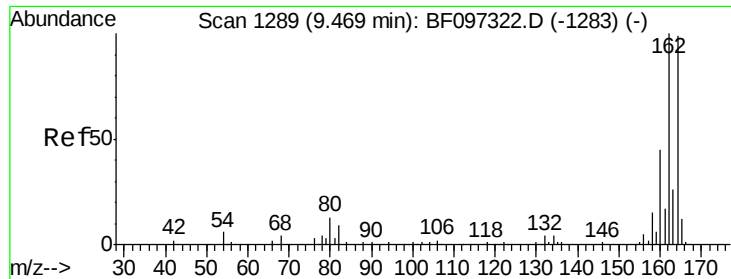
Tot Ion: 82 Resp: 415114
Ion Ratio Lower Upper
82 100
128 46.1 34.0 51.0
54 69.7 42.2 63.2#



#25
Isophorone
Concen: 29.12 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.27 min
Lab File: BF097432.D
Acq: 7 Aug 2017 16:38

Tgt Ion: 82 Resp: 415109
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

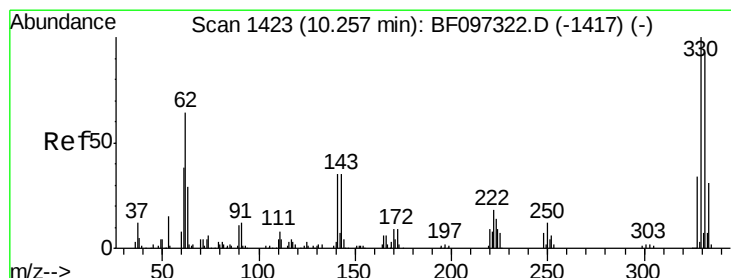
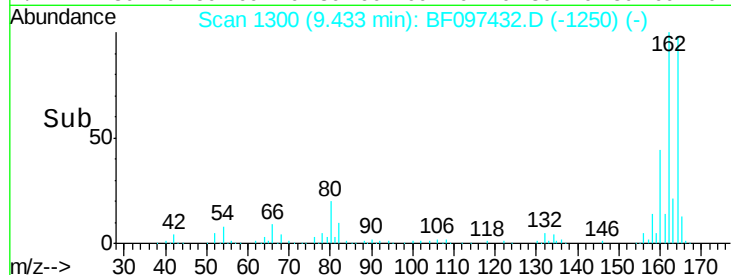
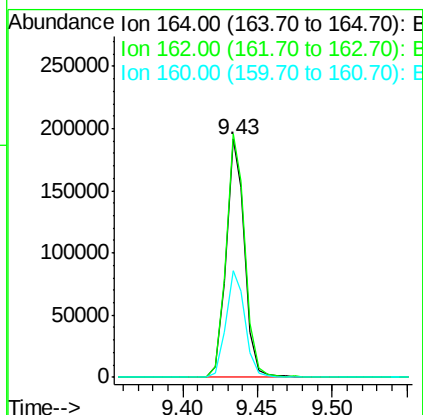
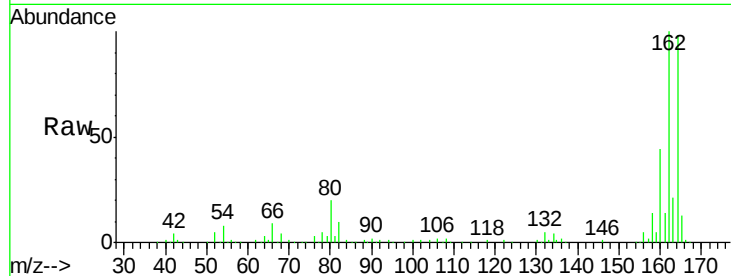




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097432.D
 Acq: 7 Aug 2017 16:38

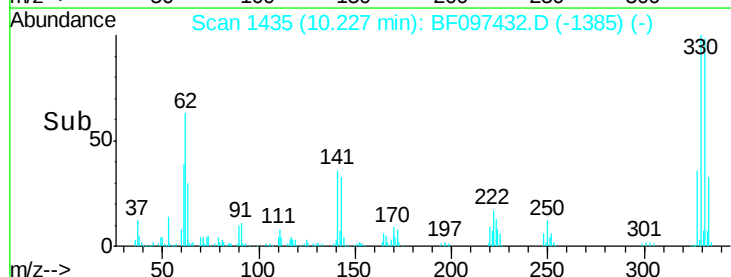
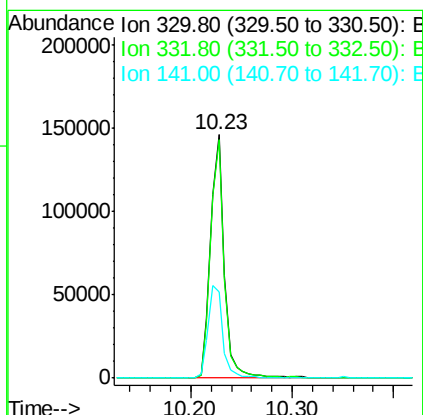
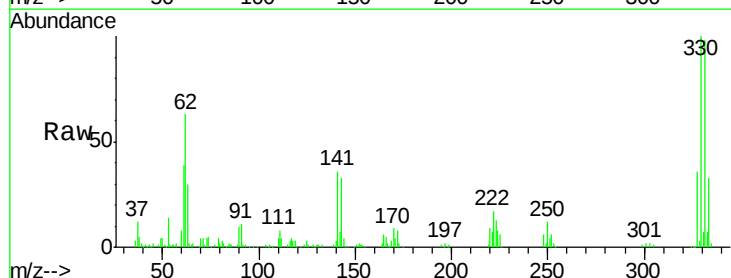
Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-2

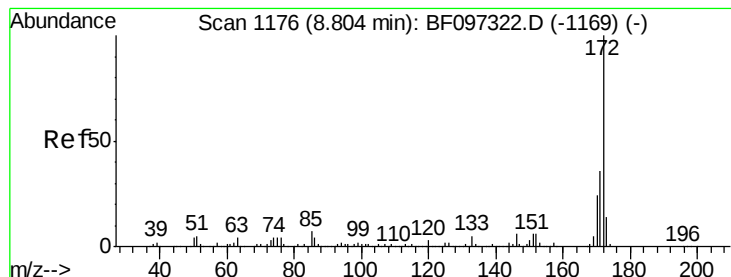
Tot Ion:164 Resp: 168273
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.6 123.8
 160 44.7 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 104.62 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF097432.D
 Acq: 7 Aug 2017 16:38

Tgt Ion:330 Resp: 139100
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 40.2 31.4 47.2





#44

2-Fluorobiphenyl

Concen: 65.09 ng

RT: 8.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-2

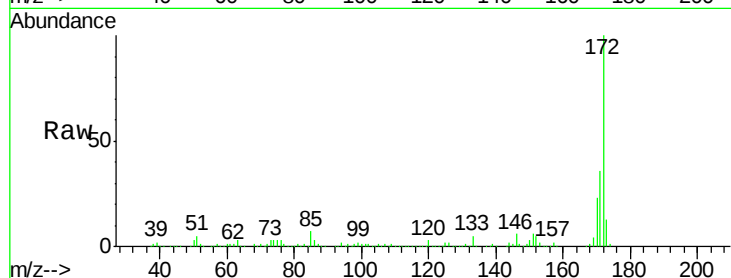
Tot Ion:172 Resp: 645356

Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

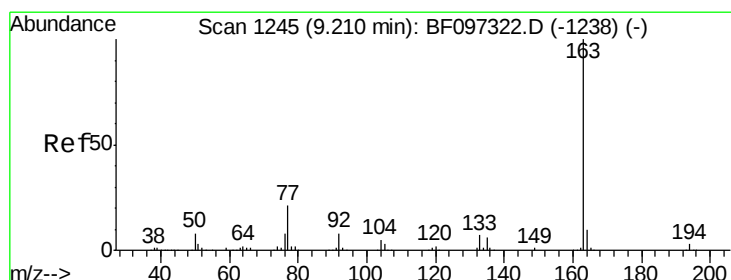
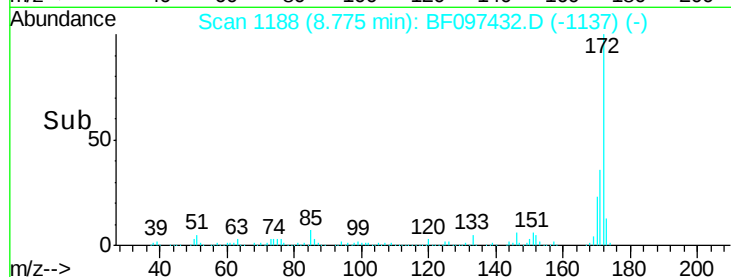
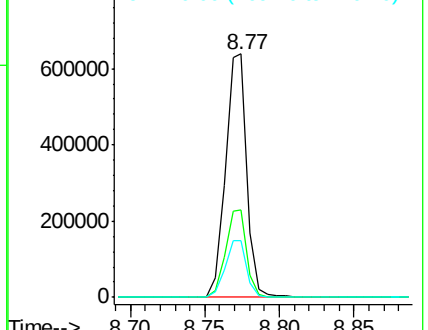
170 23.4 19.8 29.8



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: 9.46 ng

RT: 9.17 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

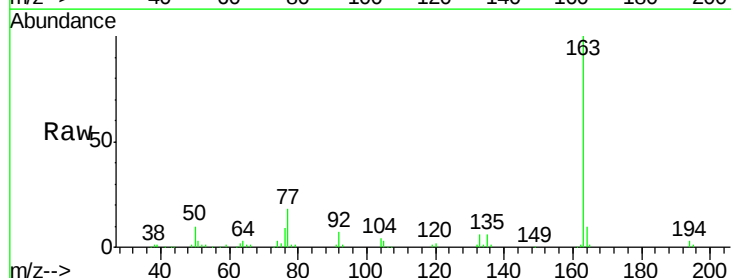
Tgt Ion:163 Resp: 120946

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

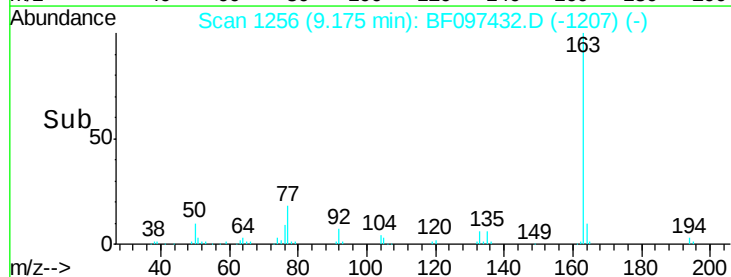
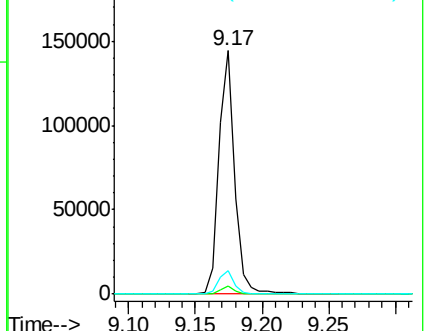
164 9.8 8.4 12.6



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

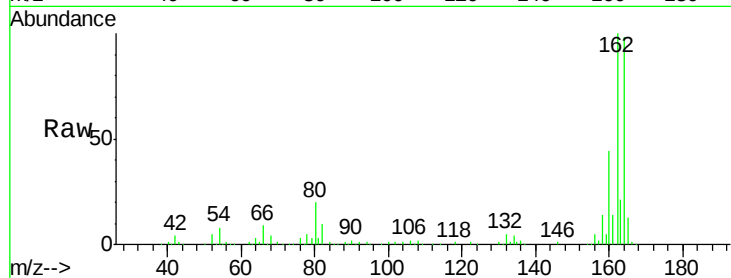




#56
 2,4-Dinitrotoluene
 Concen: 6.86 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.23 min
 Lab File: BF097432.D
 Acq: 7 Aug 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-2

Tot Ion:	165	Resp:	21385
Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

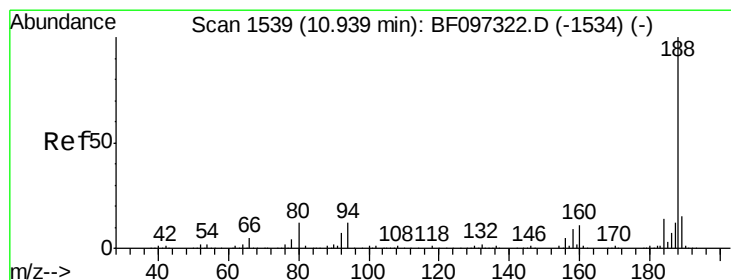
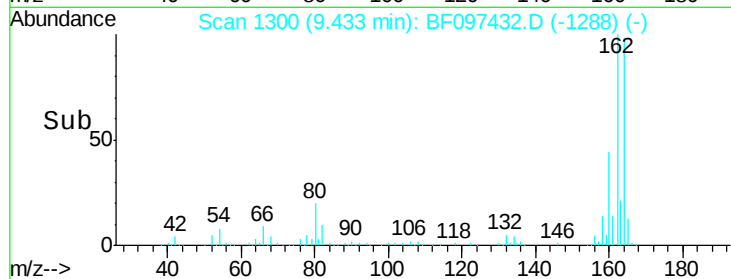
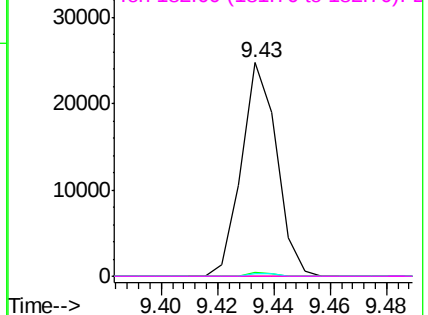


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

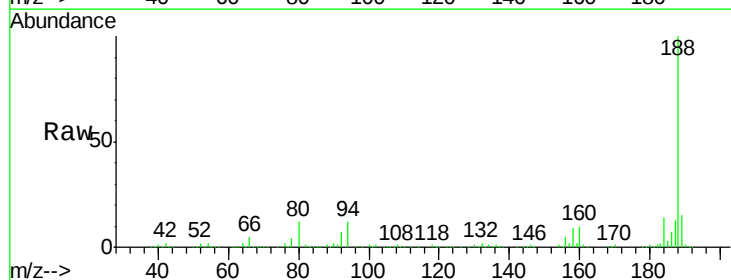
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.91 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF097432.D
 Acq: 7 Aug 2017 16:38

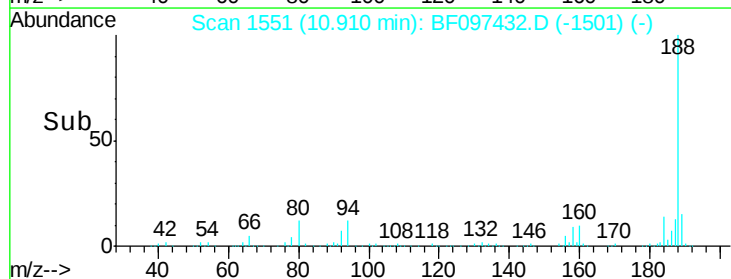
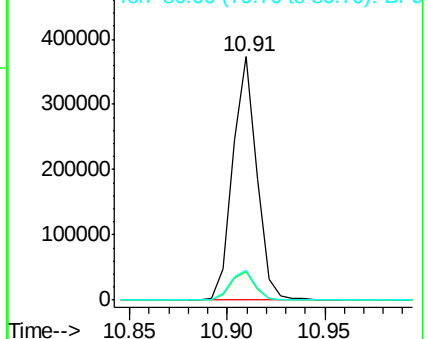
Tgt Ion:	188	Resp:	317730
Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.2
80	12.3	10.2	15.2



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

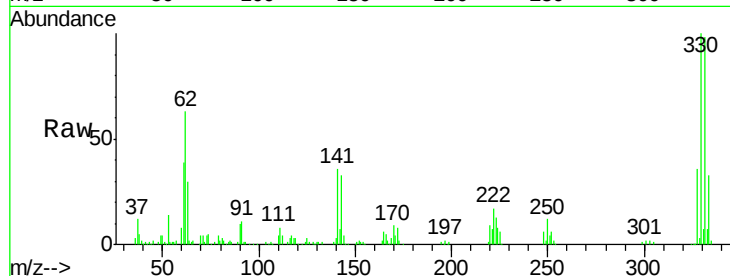




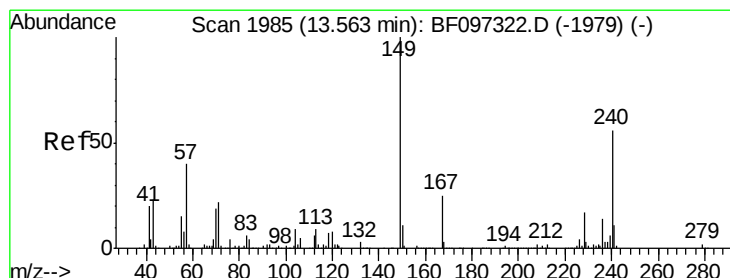
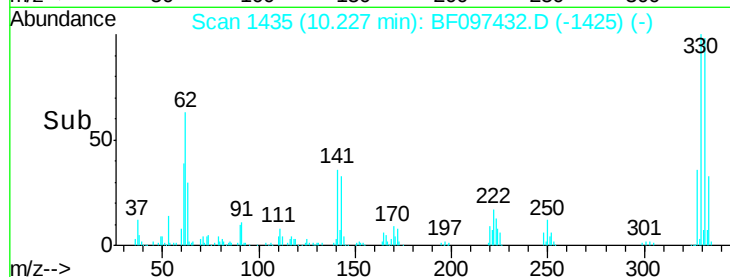
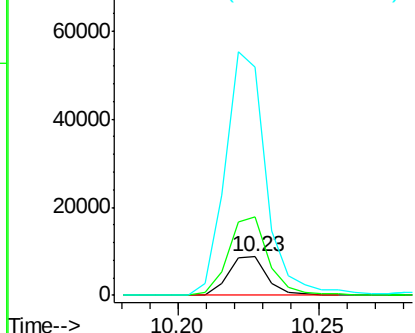
#66
 4-Bromophenyl-phenylether
 Concen: 2.64 ng
 RT: 10.23 min Scan# 1435
 Delta R.T. -0.24 min
 Lab File: BF097432.D
 Acq: 7 Aug 2017 16:38

Instrument :
 BNA_F
 ClientSampleId :
 CLINTON-AVE-COMP-2

Tot Ion:248 Resp: 8369
 Ion Ratio Lower Upper
 248 100
 250 204.4 76.8 115.2#
 141 595.1 68.6 103.0#

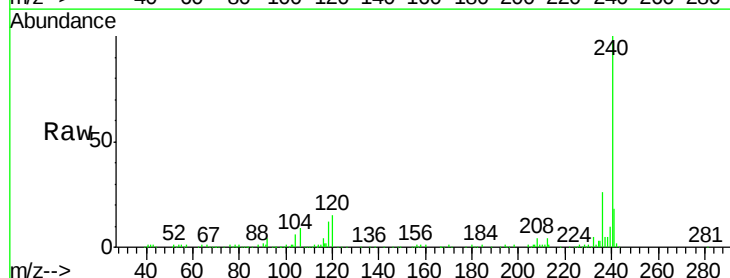


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

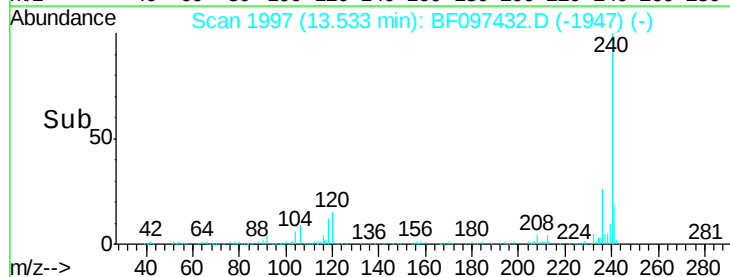
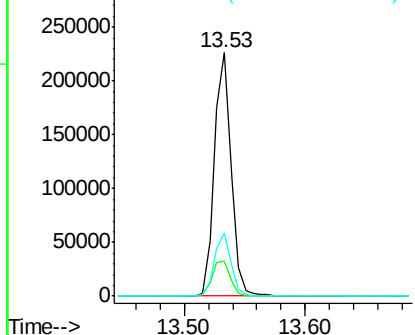


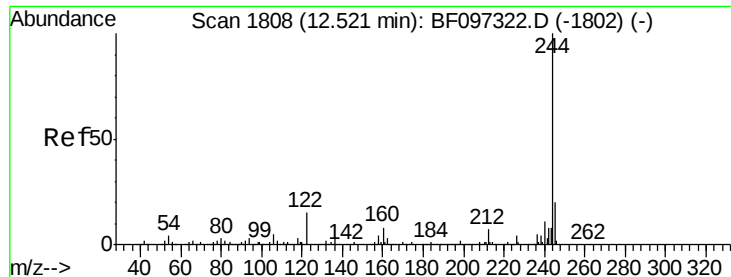
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.53 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF097432.D
 Acq: 7 Aug 2017 16:38

Tgt Ion:240 Resp: 214262
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 25.8 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: 44.96 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

Instrument :

BNA_F

ClientSampleId :

CLINTON-AVE-COMP-2

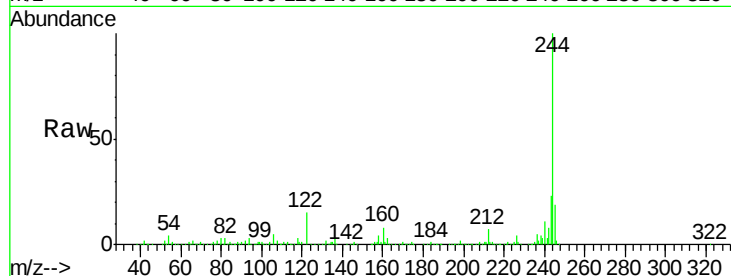
Tot Ion:244 Resp: 472452

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

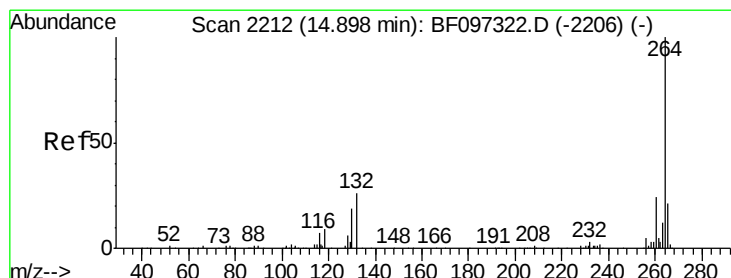
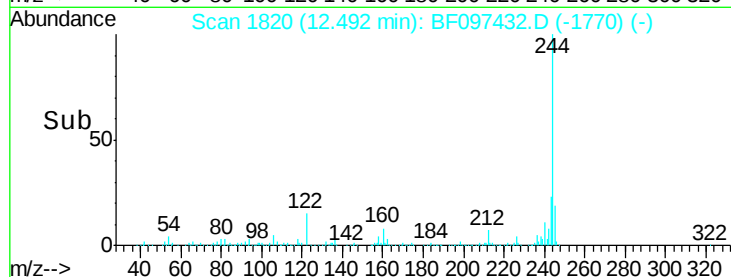
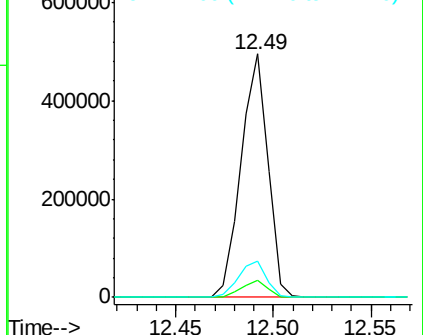
122 14.8 10.3 15.5



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: 20.00 ng

RT: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097432.D

Acq: 7 Aug 2017 16:38

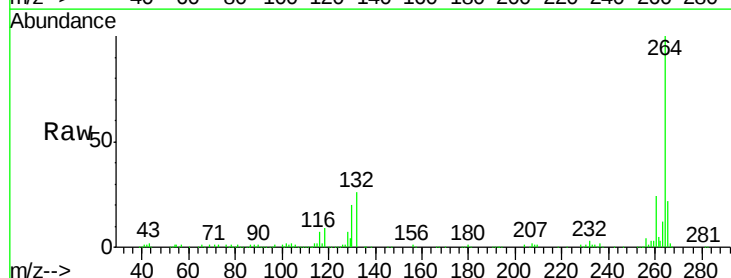
Tgt Ion:264 Resp: 181051

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.9 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

