

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
 Data File : BF097421.D
 Acq On : 6 Aug 2017 5:39
 Operator : SJ/JU
 Sample : I4601-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20S-194-293-20S-195-COMP

Quant Time: Aug 06 07:54:22 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

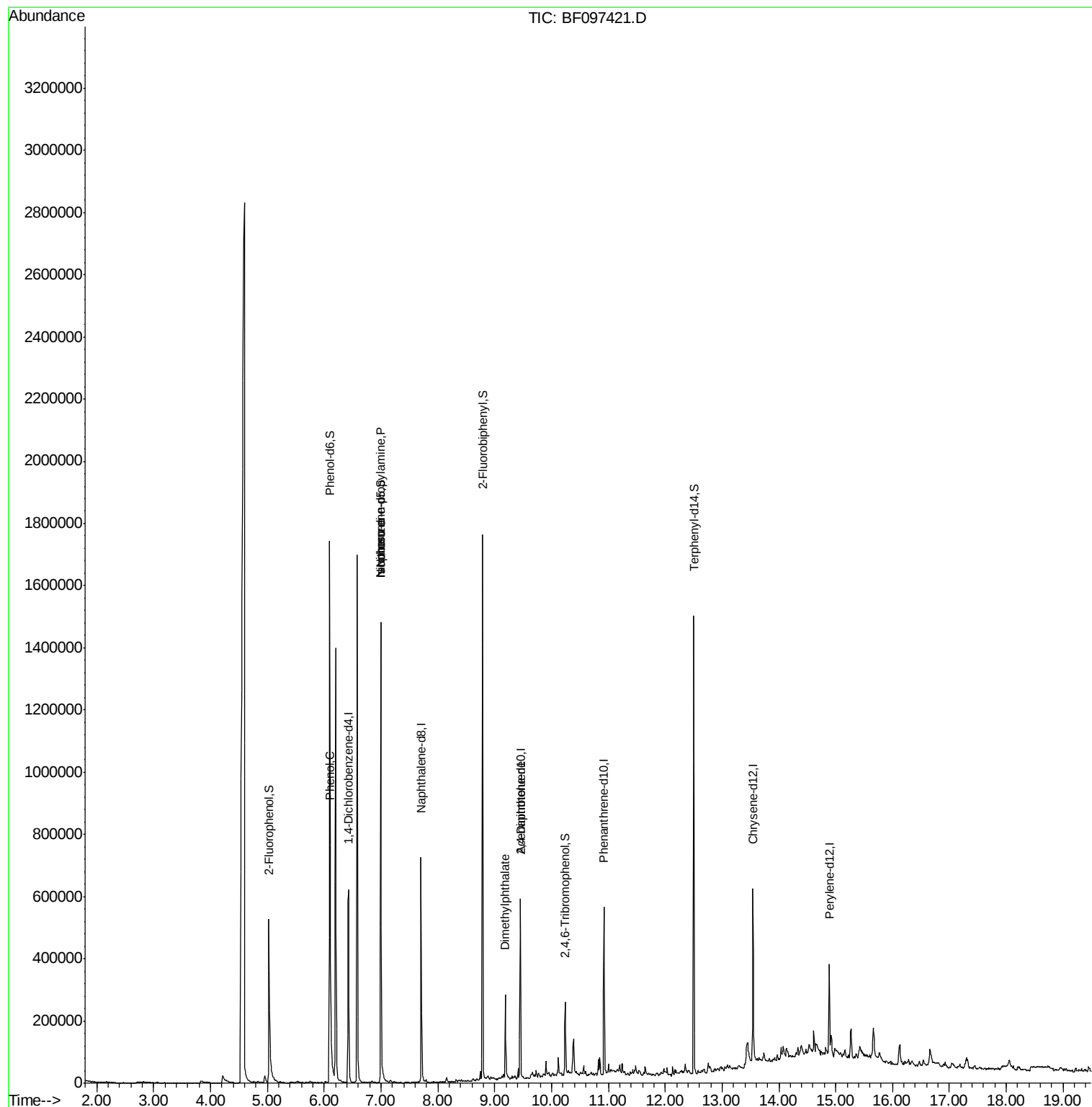
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	100963	20.00	ng	-0.07
21) Naphthalene-d8	7.70	136	348580	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	109631	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	177937	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	182903	20.00	ng	-0.08
86) Perylene-d12	14.89	264	110311	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	222153	33.17	ng	-0.07
7) Phenol-d6	6.10	99	687241	89.88	ng	-0.07
23) Nitrobenzene-d5	7.00	82	449594	75.66	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	27393	31.62	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	530973	82.20	ng	-0.08
78) Terphenyl-d14	12.50	244	429200	47.84	ng	-0.08
Target Compounds						
10) Phenol	6.11	94	24321	2.68	ng	# 74
19) n-Nitroso-di-n-propylamine	7.00	70	61323	12.18	ng	# 88
25) Isophorone	7.00	82	449590	38.64	ng	# 67
49) Dimethylphthalate	9.19	163	101809	12.23	ng	97
56) 2,4-Dinitrotoluene	9.45	165	13766	6.78	ng	# 31

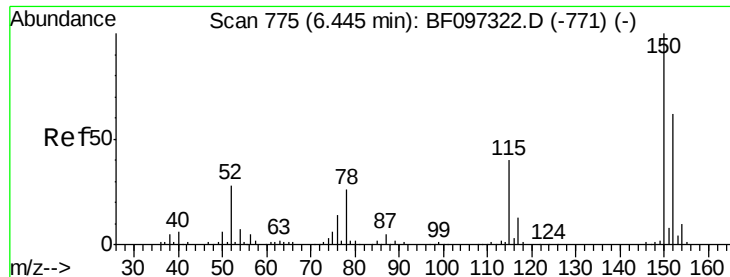
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080517\
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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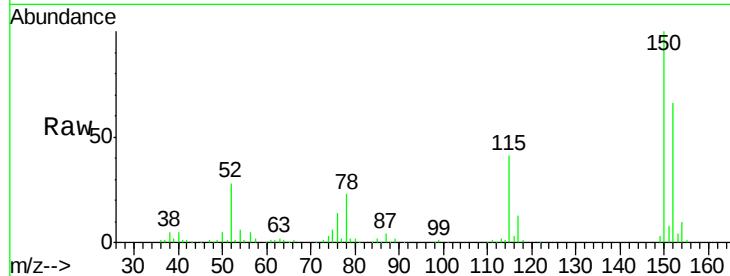


#1

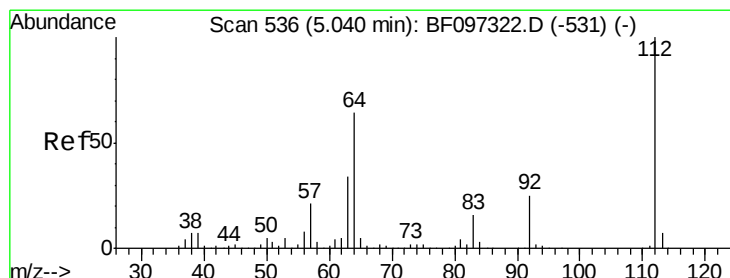
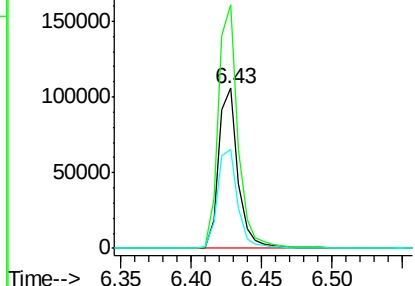
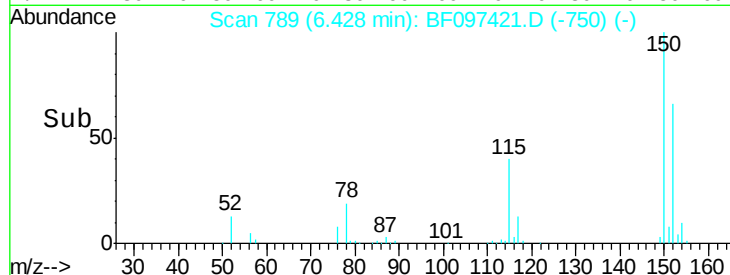
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.43 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF097421.D
Acq: 6 Aug 2017 5:39

Instrument :
BNA_F
ClientSampleId :
20S-194-293-20S-195-COMP

Tgt Ion:152 Resp: 100963
Ion Ratio Lower Upper
152 100
150 152.1 126.2 189.2
115 61.7 52.2 78.2



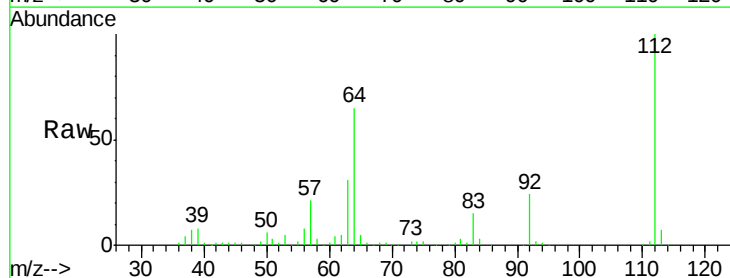
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



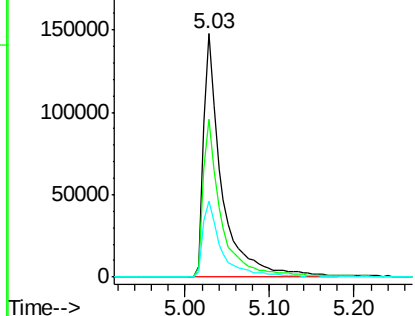
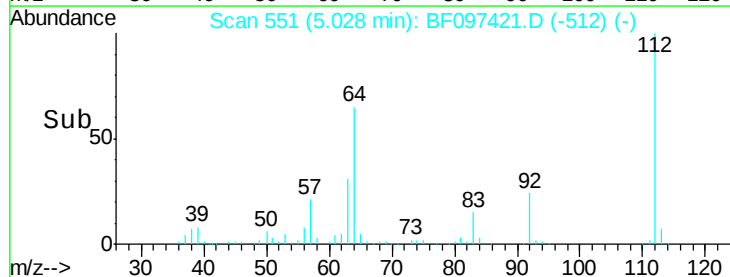
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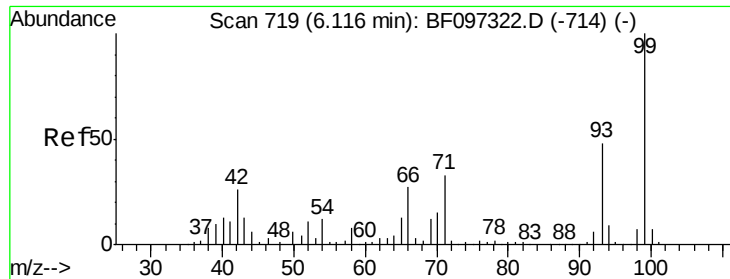
2-Fluorophenol
Concen: 33.17 ng
RT: 5.03 min Scan# 551
Delta R.T. -0.07 min
Lab File: BF097421.D
Acq: 6 Aug 2017 5:39

Tgt Ion:112 Resp: 222153
Ion Ratio Lower Upper
112 100
64 64.9 46.0 69.0
63 31.4 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: 89.88 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

Instrument :

BNA_F

ClientSampleId :

20S-194-293-20S-195-COMP

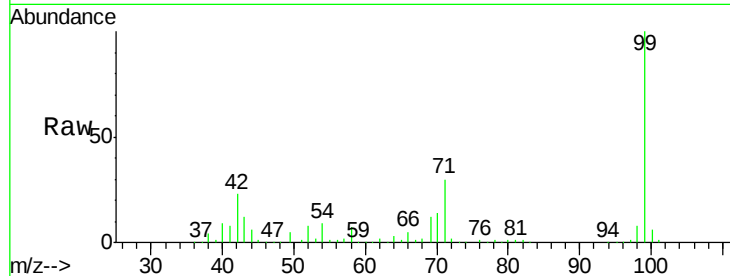
Tgt Ion: 99 Resp: 687241

Ion Ratio Lower Upper

99 100

42 22.7 13.5 20.3#

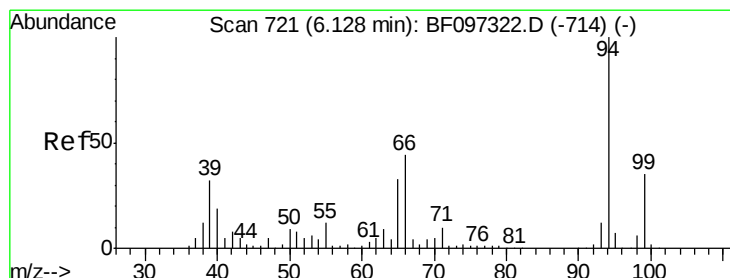
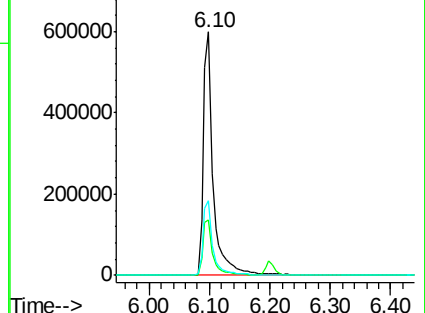
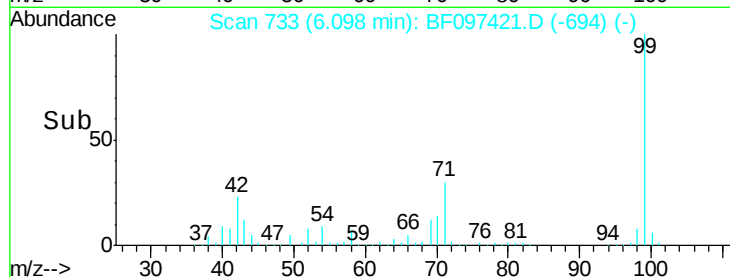
71 30.5 24.5 36.7



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



#10

Phenol

Concen: 2.68 ng

RT: 6.11 min Scan# 735

Delta R.T. -0.07 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

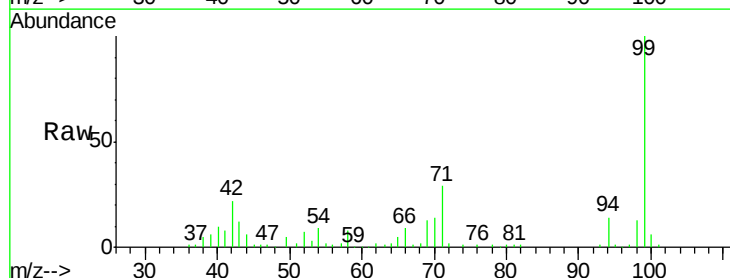
Tgt Ion: 94 Resp: 24321

Ion Ratio Lower Upper

94 100

65 36.3 9.9 49.9

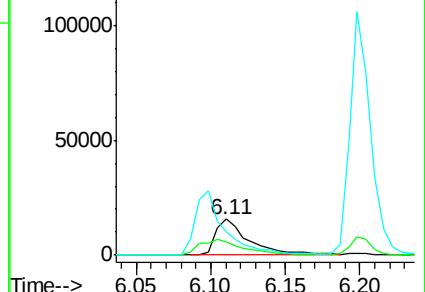
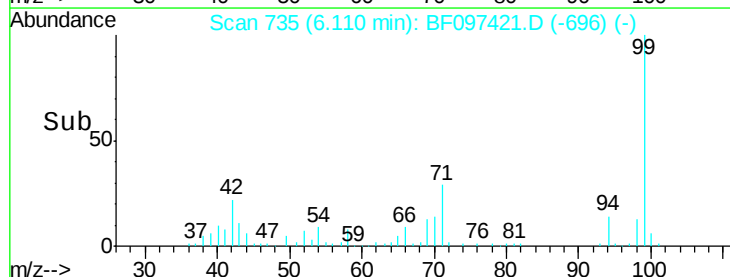
66 66.2 23.1 63.1#

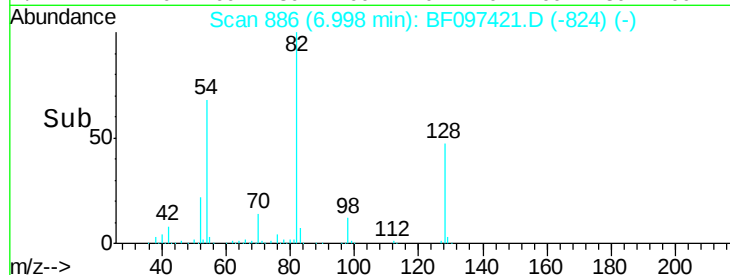
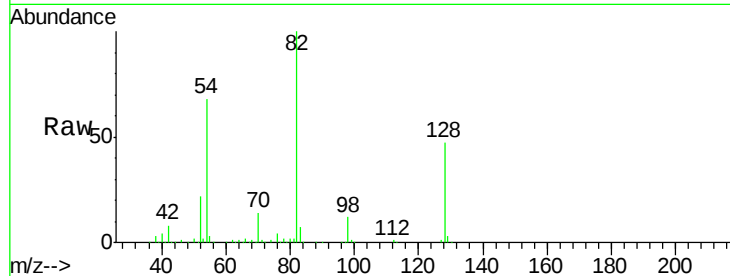
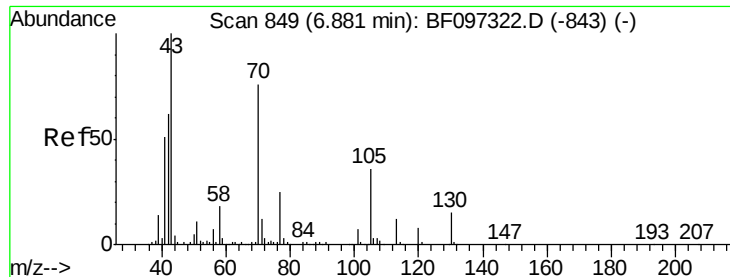


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

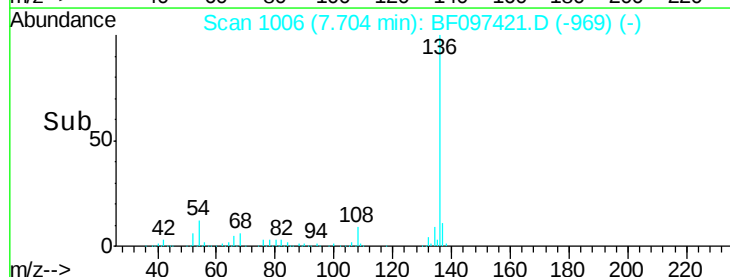
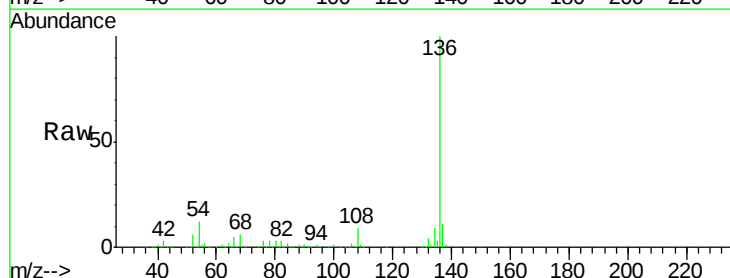
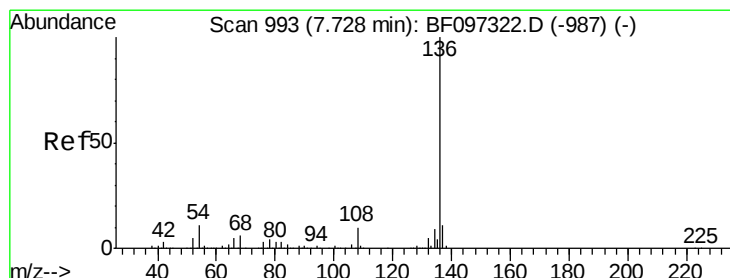
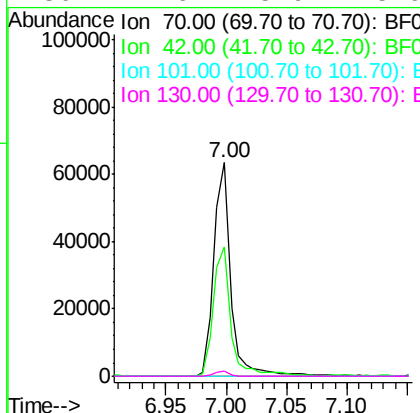




#19
n-Nitroso-di-n-propylamine
Concen: 12.18 ng
RT: 7.00 min Scan# 886
Delta R.T. 0.06 min
Lab File: BF097421.D
Acq: 6 Aug 2017 5:39

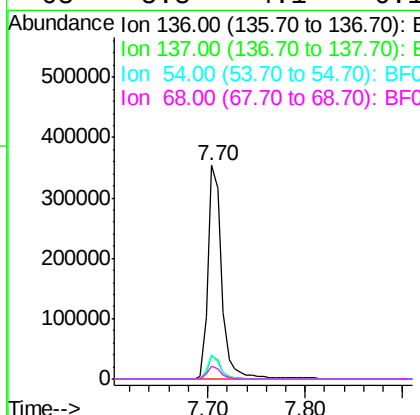
Instrument :
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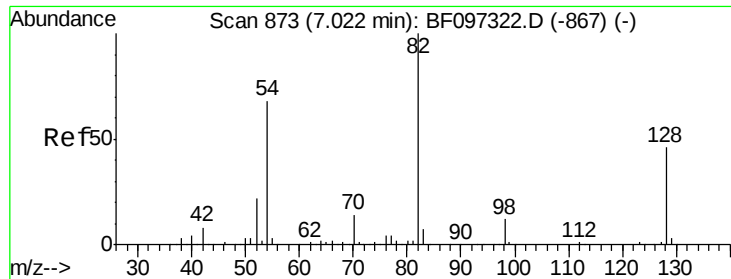
Tgt Ion: 70 Resp: 61323
Ion Ratio Lower Upper
70 100
42 60.5 47.2 70.8
101 0.0 7.2 10.8#
130 2.6 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.70 min Scan# 1006
Delta R.T. -0.08 min
Lab File: BF097421.D
Acq: 6 Aug 2017 5:39

Tgt Ion: 136 Resp: 348580
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.6 4.9 7.3#
68 5.8 4.1 6.1

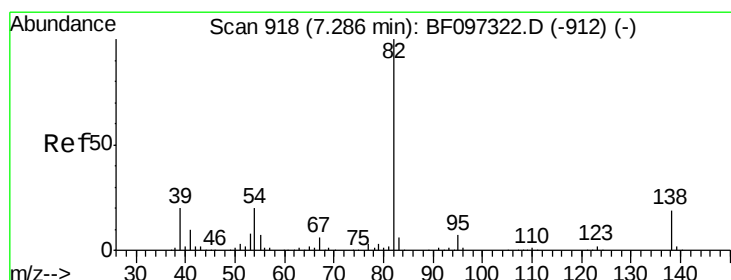
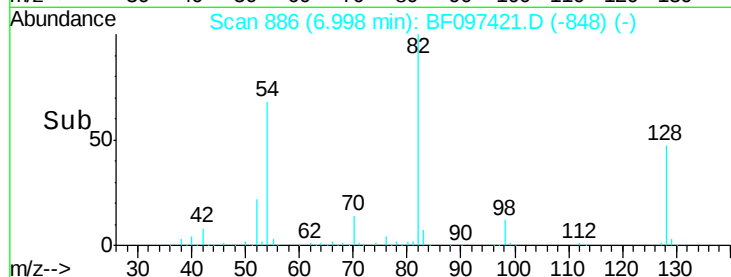
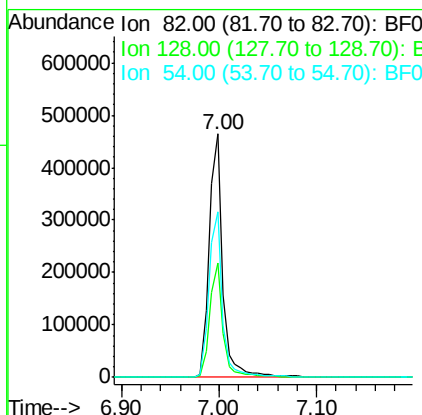
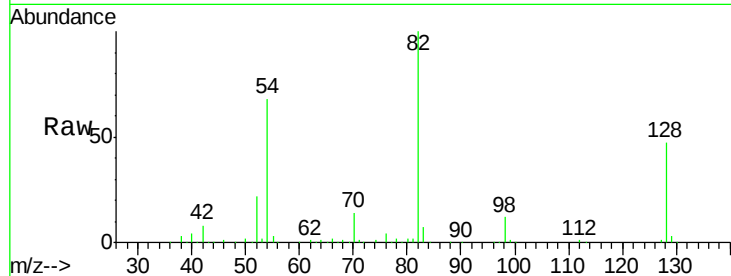




#23
 Nitrobenzene-d5
 Concen: 75.66 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.08 min
 Lab File: BF097421.D
 Acq: 6 Aug 2017 5:39

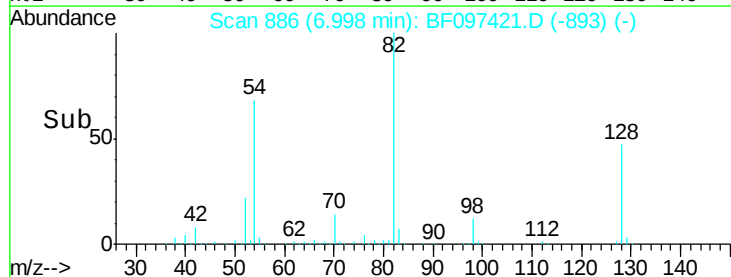
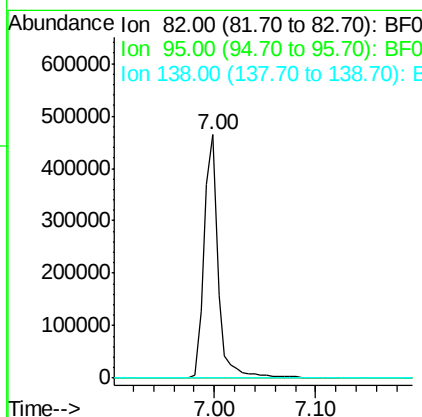
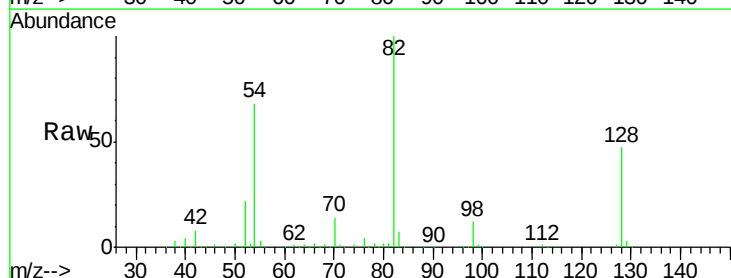
Instrument :
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 ClientSampleId :
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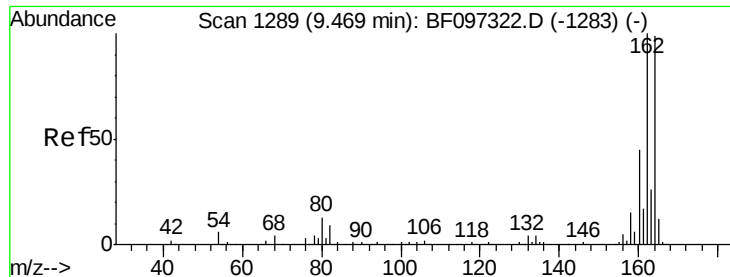
Tgt Ion: 82 Resp: 449594
 Ion Ratio Lower Upper
 82 100
 128 47.1 34.0 51.0
 54 67.7 42.2 63.2#



#25
 Isophorone
 Concen: 38.64 ng
 RT: 7.00 min Scan# 886
 Delta R.T. -0.34 min
 Lab File: BF097421.D
 Acq: 6 Aug 2017 5:39

Tgt Ion: 82 Resp: 449590
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

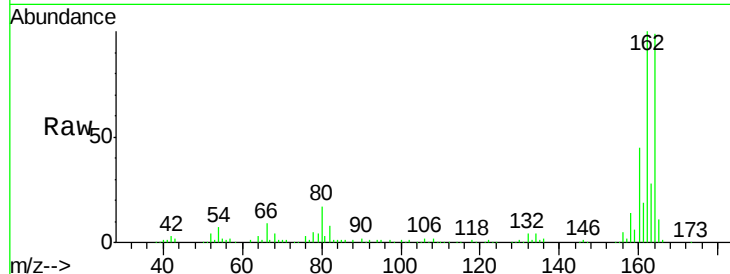




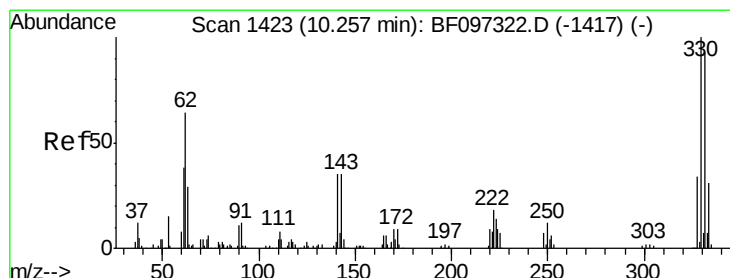
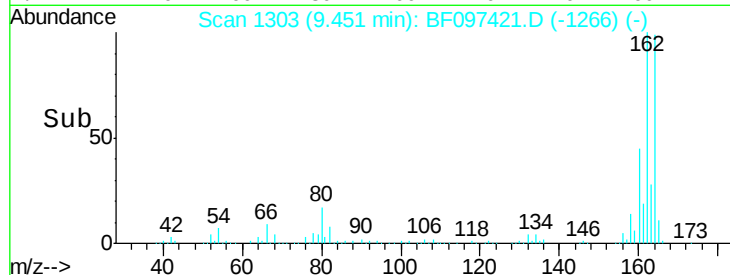
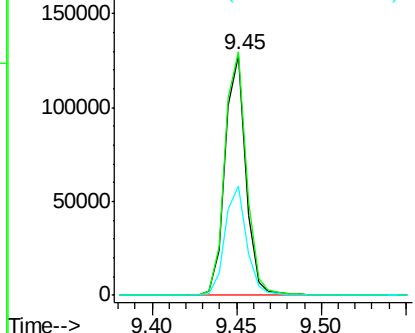
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.45 min Scan# 1303
 Delta R.T. -0.08 min
 Lab File: BF097421.D
 Acq: 6 Aug 2017 5:39

Instrument :
 BNA_F
 ClientSampleId :
 20S-194-293-20S-195-COMP

Tgt Ion:164 Resp: 109631
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.6 123.8
 160 45.4 36.2 54.2

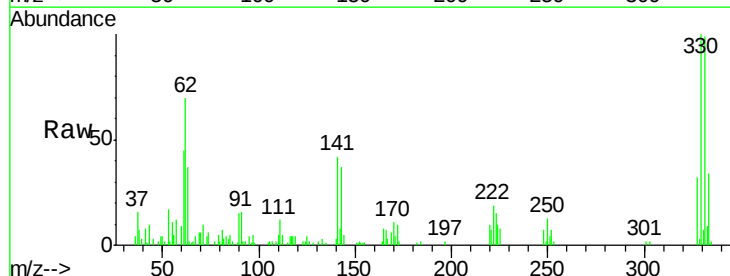


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

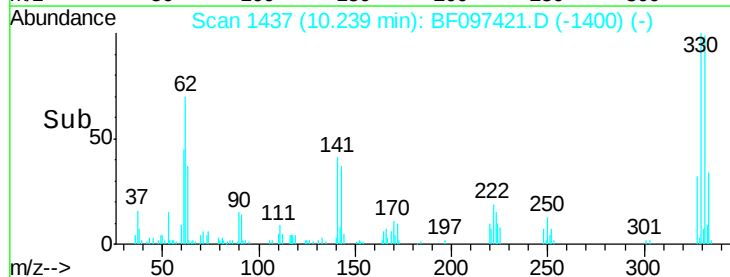
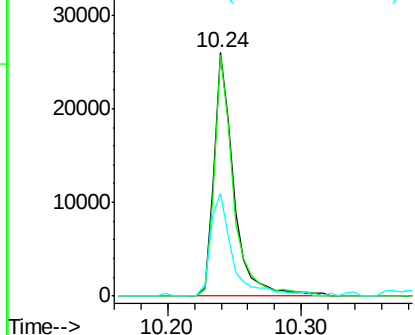


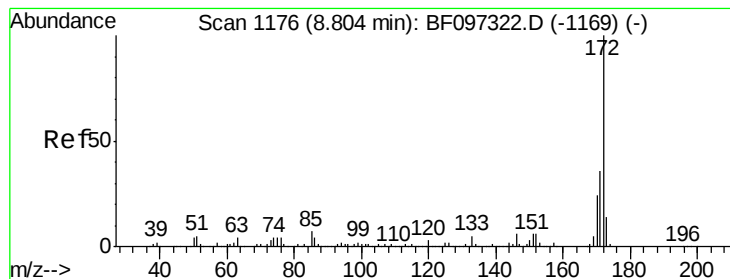
#41
 2,4,6-Tribromophenol
 Concen: 31.62 ng
 RT: 10.24 min Scan# 1437
 Delta R.T. -0.08 min
 Lab File: BF097421.D
 Acq: 6 Aug 2017 5:39

Tgt Ion:330 Resp: 27393
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 46.3 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

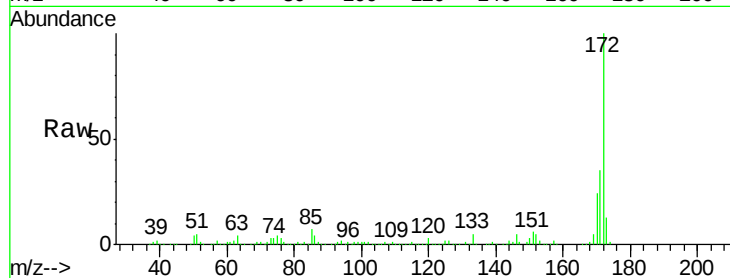




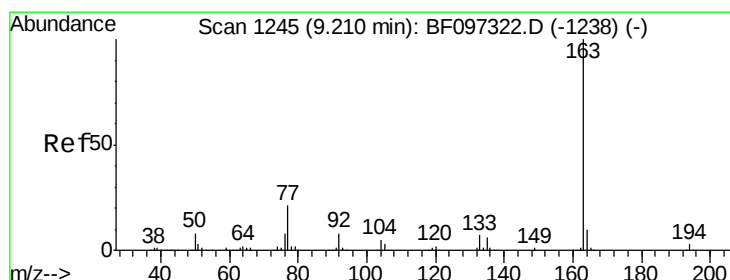
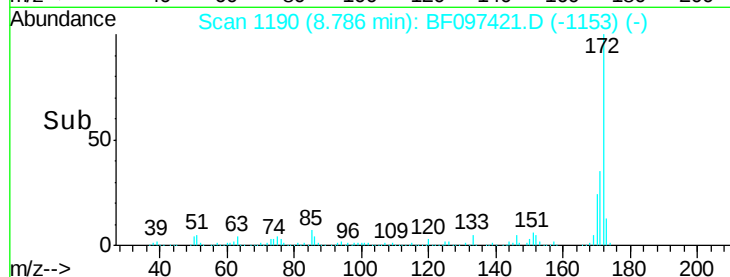
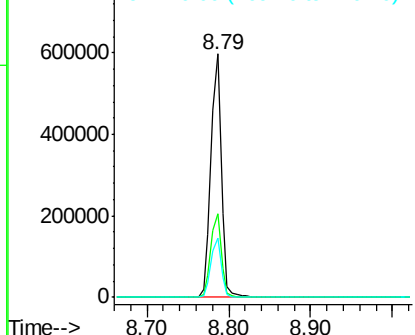
#44
2-Fluorobiphenyl
Concen: 82.20 ng
RT: 8.79 min Scan# 1190
Delta R.T. -0.08 min
Lab File: BF097421.D
Acq: 6 Aug 2017 5:39

Instrument :
BNA_F
ClientSampleId :
20S-194-293-20S-195-COMP

Tgt Ion:172 Resp: 530973
Ion Ratio Lower Upper
172 100
171 34.6 29.6 44.4
170 24.1 19.8 29.8

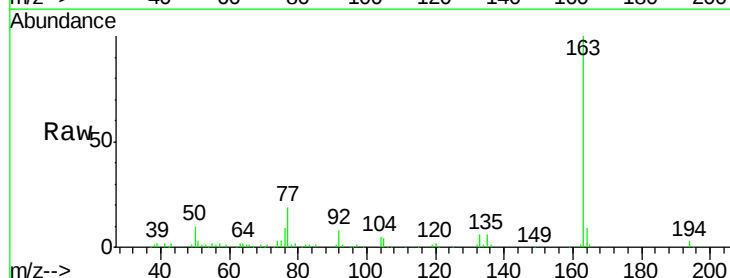


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

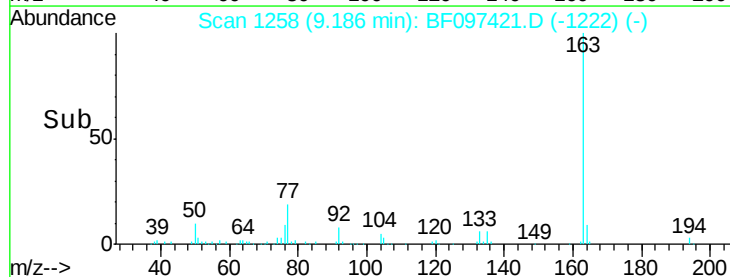
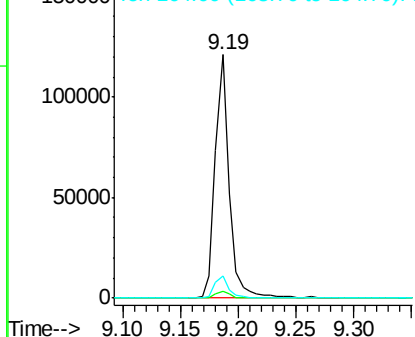


#49
Dimethylphthalate
Concen: 12.23 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097421.D
Acq: 6 Aug 2017 5:39

Tgt Ion:163 Resp: 101809
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 9.1 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

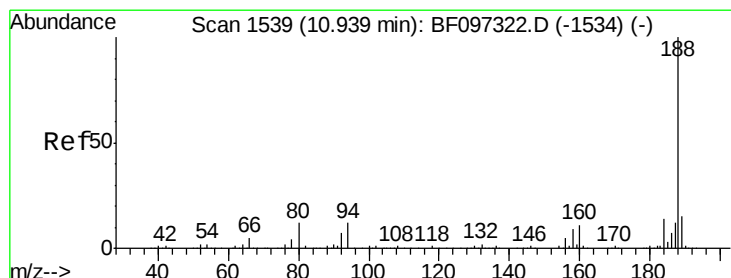
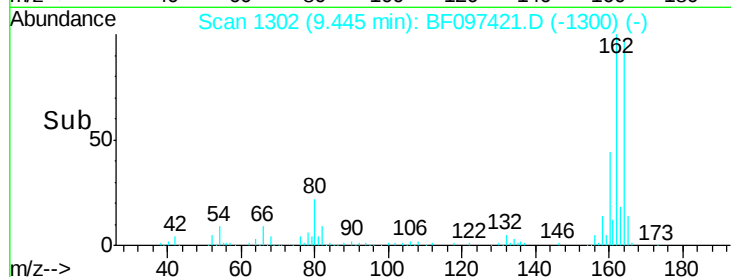
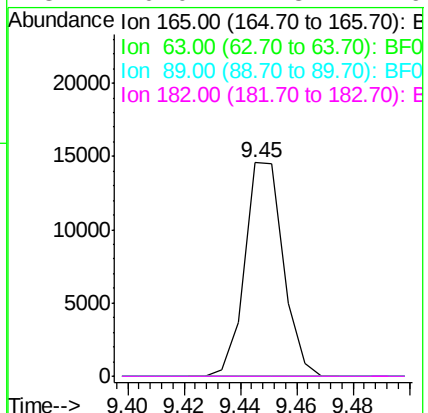
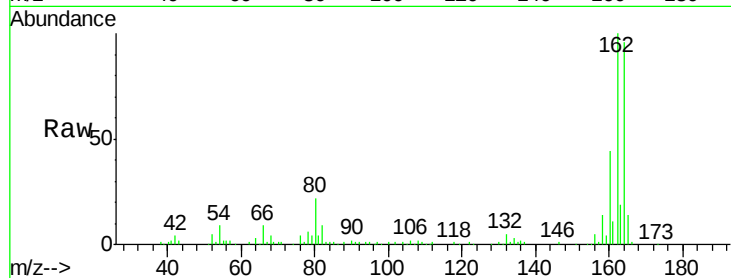




#56
 2,4-Dinitrotoluene
 Concen: 6.78 ng
 RT: 9.45 min Scan# 1302
 Delta R.T. -0.29 min
 Lab File: BF097421.D
 Acq: 6 Aug 2017 5:39

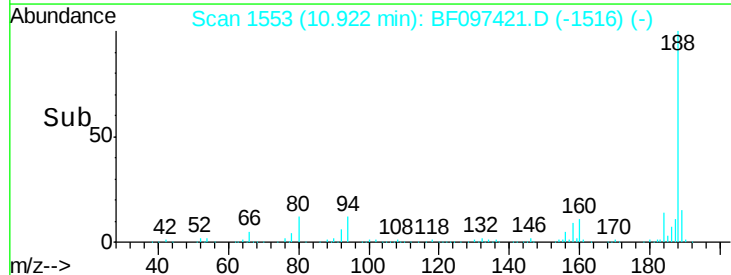
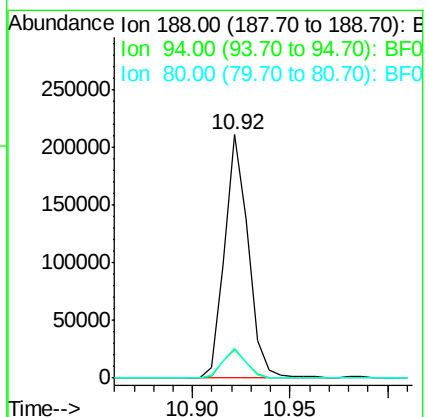
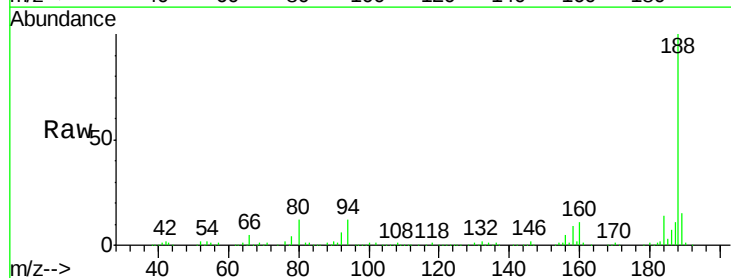
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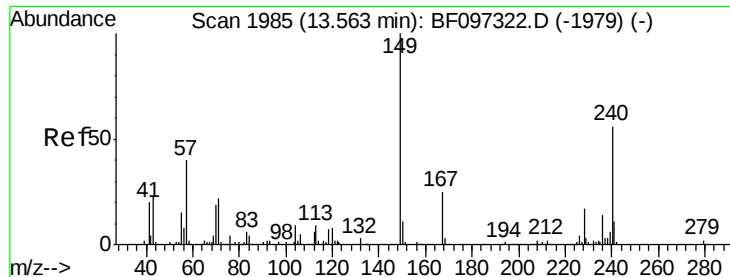
Tgt Ion:	165	Resp:	13766
Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.92 min Scan# 1553
 Delta R.T. -0.08 min
 Lab File: BF097421.D
 Acq: 6 Aug 2017 5:39

Tgt Ion:	188	Resp:	177937
Ion	Ratio	Lower	Upper
188	100		
94	11.9	9.4	14.2
80	12.0	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.08 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

Instrument :

BNA_F

ClientSampleId :

20S-194-293-20S-195-COMP

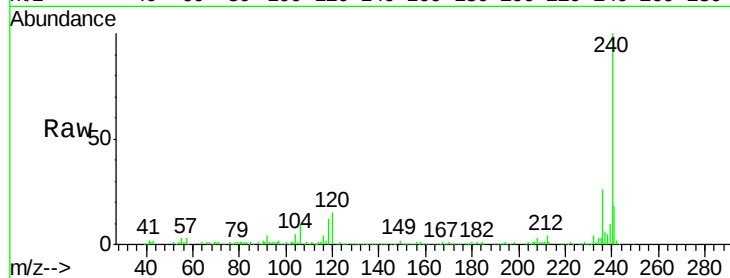
Tgt Ion:240 Resp: 182903

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

236 26.3 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

250000

200000

150000

100000

50000

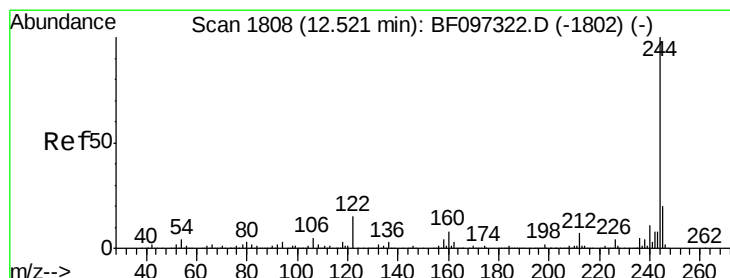
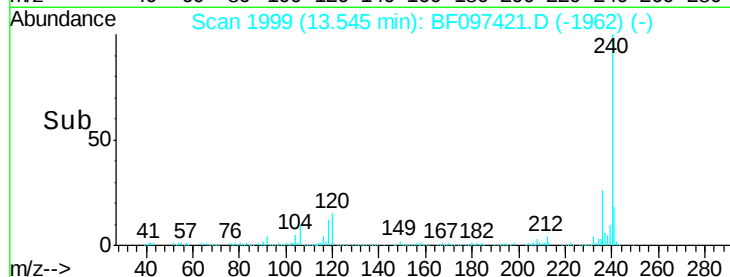
0

13.54

13.50

13.60

Time-->



#78

Terphenyl-d14

Concen: 47.84 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097421.D

Acq: 6 Aug 2017 5:39

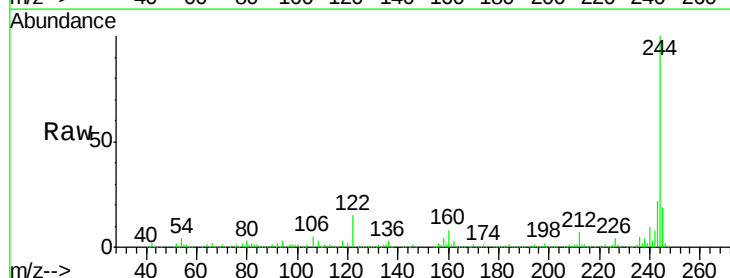
Tgt Ion:244 Resp: 429200

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

122 14.9 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

600000

500000

400000

300000

200000

100000

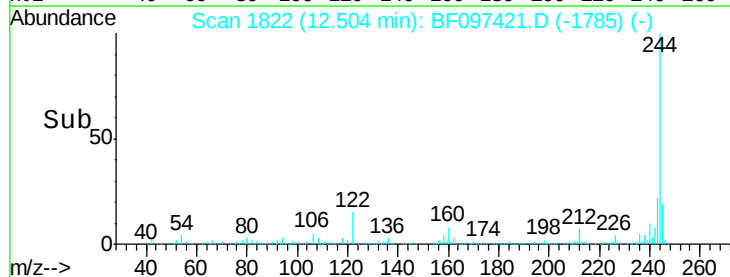
0

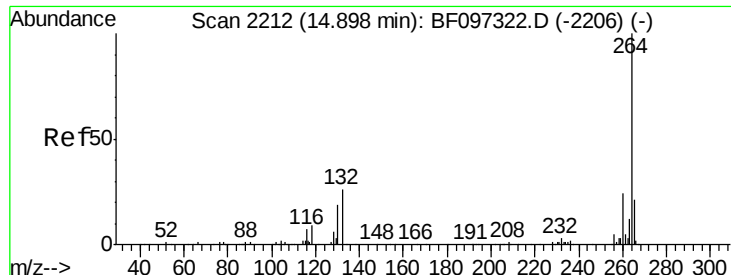
12.50

12.45

12.55

Time-->

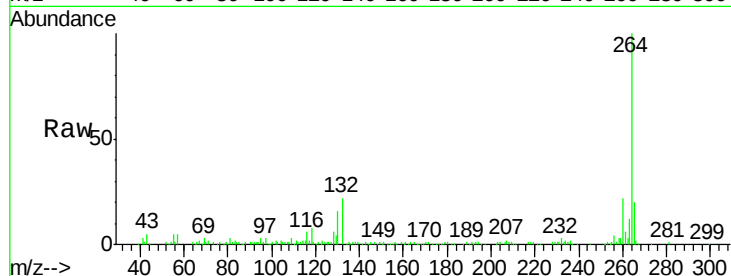




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2227
Delta R.T. -0.09 min
Lab File: BF097421.D
Acq: 6 Aug 2017 5:39

Instrument :
BNA_F
ClientSampleId :
20S-194-293-20S-195-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.5	29.3
265	19.5	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

