

Data Path : Z:\HPCHEM1\BNA_F\Data\BF080517\
 Data File : BF097415.D
 Acq On : 5 Aug 2017 23:35
 Operator : SJ/JU
 Sample : I4564-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 05:19:02 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

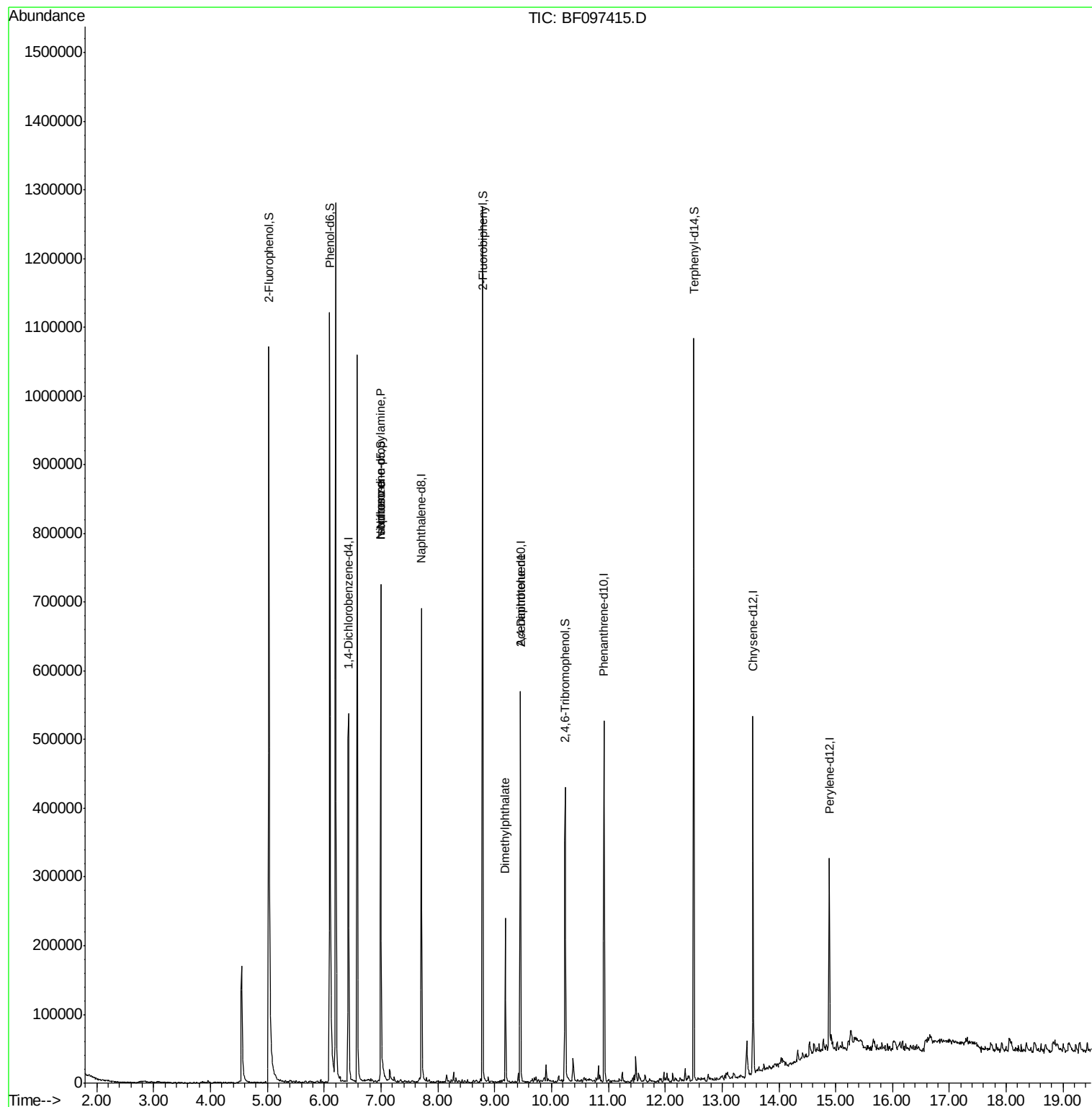
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.43	152	87237	20.00	ng	-0.07
21) Naphthalene-d8	7.71	136	319868	20.00	ng	-0.08
38) Acenaphthene-d10	9.45	164	107435	20.00	ng	-0.08
63) Phenanthrene-d10	10.92	188	182050	20.00	ng	-0.08
75) Chrysene-d12	13.54	240	164767	20.00	ng	-0.08
86) Perylene-d12	14.89	264	107682	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	398197	68.81	ng	-0.08
7) Phenol-d6	6.10	99	444664	67.31	ng	-0.07
23) Nitrobenzene-d5	6.99	82	240658	44.14	ng	-0.08
41) 2,4,6-Tribromophenol	10.24	330	49085	57.83	ng	-0.08
44) 2-Fluorobiphenyl	8.79	172	386135	61.00	ng	-0.08
78) Terphenyl-d14	12.50	244	310381	38.41	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.99	70	30782	7.079	ng	# 80
25) Isophorone	6.99	82	235448	22.050	ng	# 67
49) Dimethylphthalate	9.19	163	91379	11.201	ng	99
56) 2,4-Dinitrotoluene	9.45	165	13687	6.881	ng	# 31

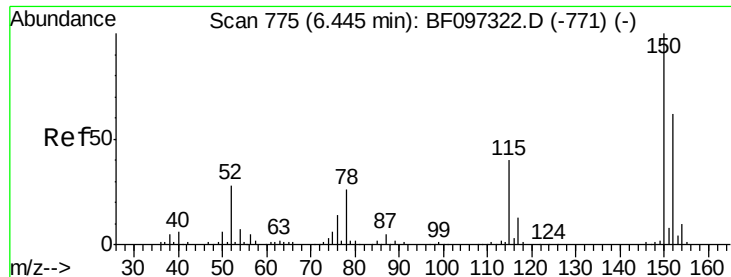
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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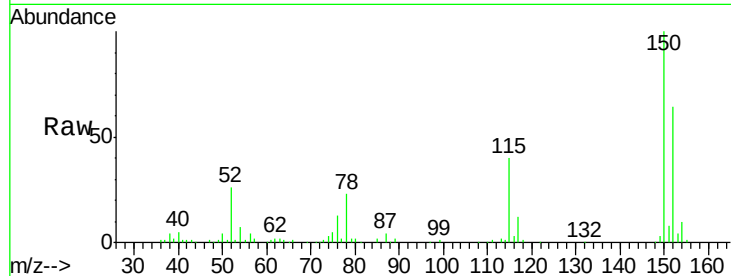


#1

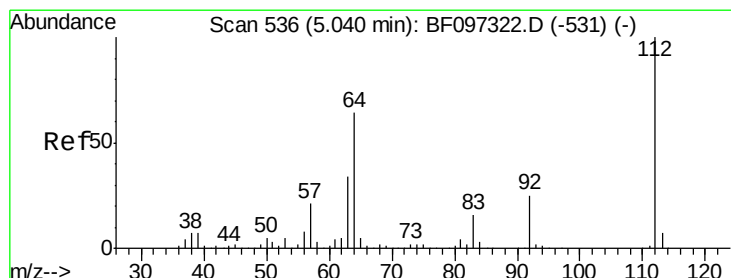
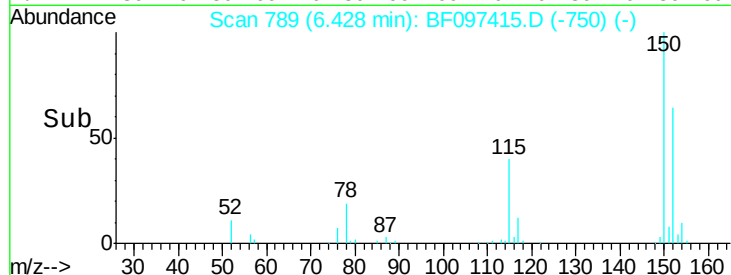
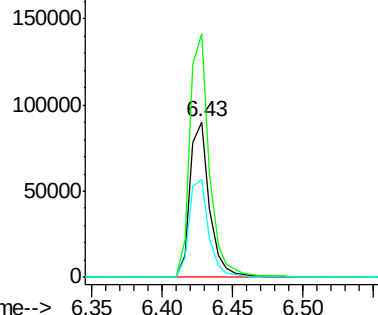
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.43 min Scan# 789
Delta R.T. -0.07 min
Lab File: BF097415.D
Acq: 5 Aug 2017 23:35

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 87237
Ion Ratio Lower Upper
152 100
150 156.7 126.2 189.2
115 62.9 52.2 78.2



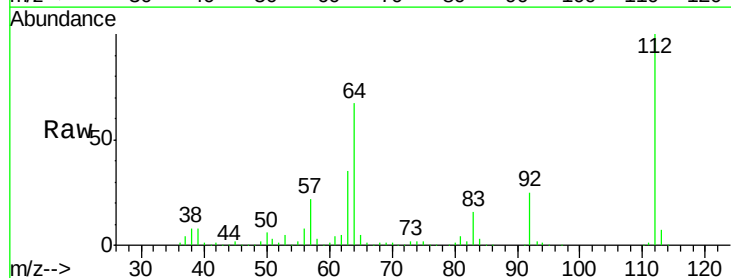
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



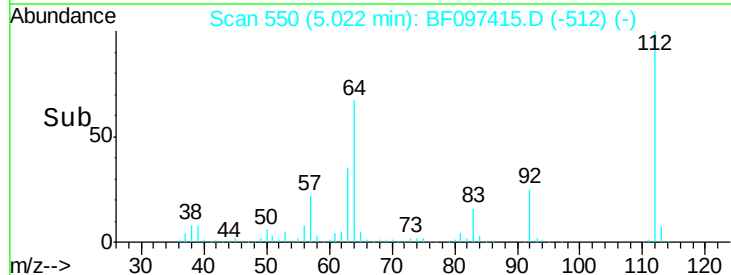
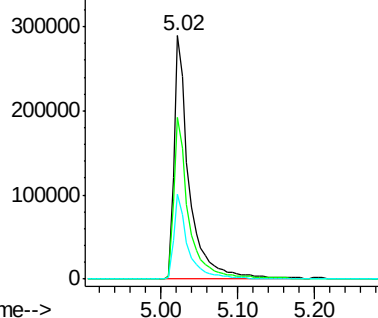
#5

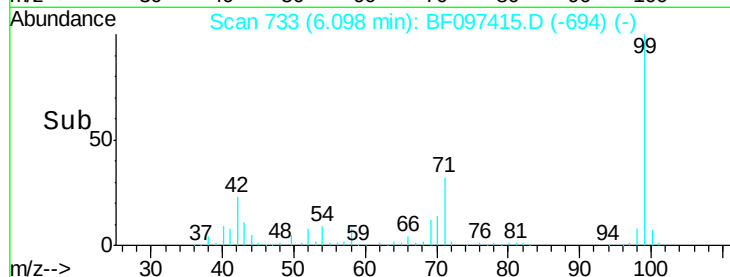
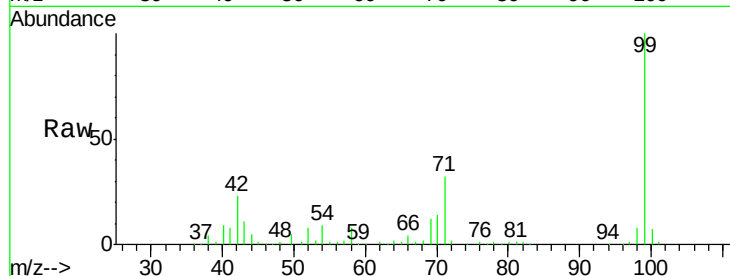
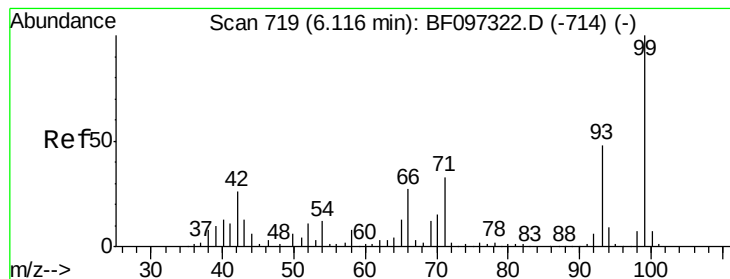
2-Fluorophenol
Concen: 68.810 ng
RT: 5.02 min Scan# 550
Delta R.T. -0.08 min
Lab File: BF097415.D
Acq: 5 Aug 2017 23:35

Tgt Ion:112 Resp: 398197
Ion Ratio Lower Upper
112 100
64 66.7 46.0 69.0
63 34.7 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: 67.308 ng

RT: 6.10 min Scan# 733

Delta R.T. -0.07 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Instrument :

BNA_F

ClientSampleId :

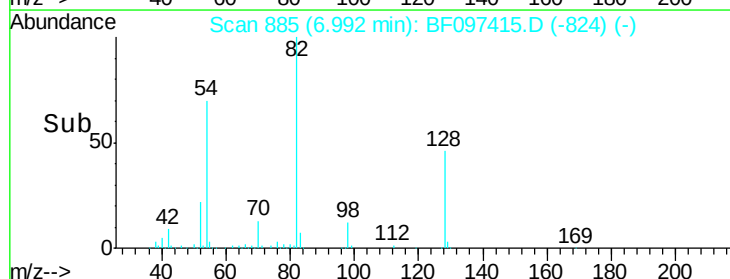
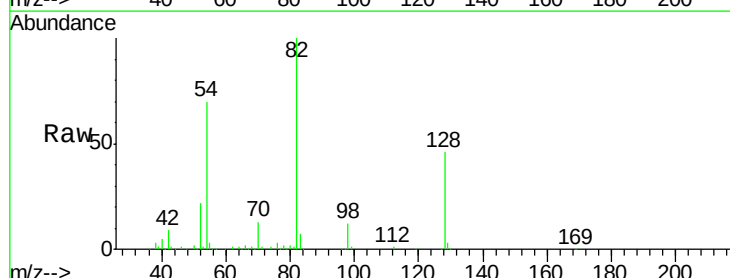
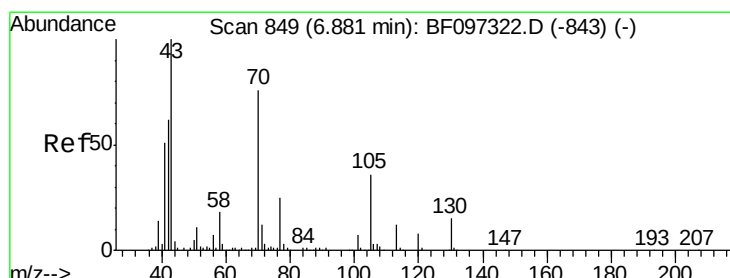
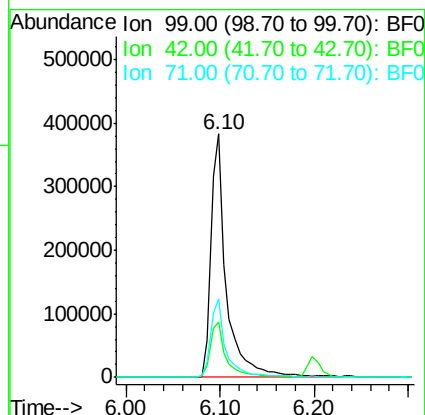
Tgt Ion: 99 Resp: 444664

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

71 32.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 7.079 ng

RT: 6.99 min Scan# 885

Delta R.T. 0.06 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Tgt Ion: 70 Resp: 30782

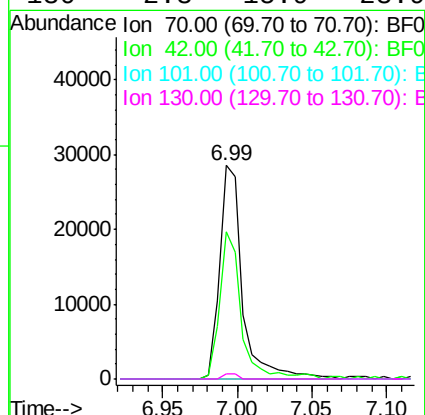
Ion Ratio Lower Upper

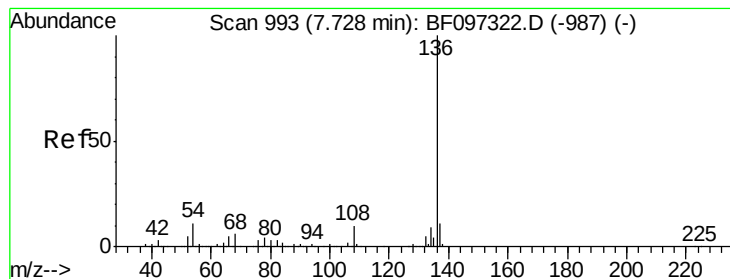
70 100

42 68.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.71 min Scan# 1007

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:136 Resp: 319868

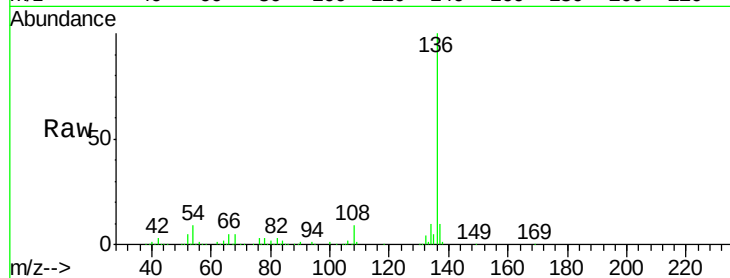
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 9.1 4.9 7.3#

68 5.2 4.1 6.1

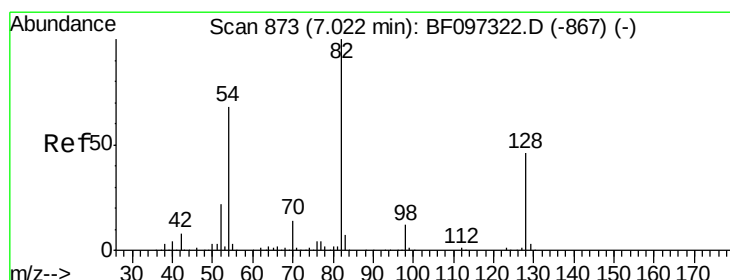
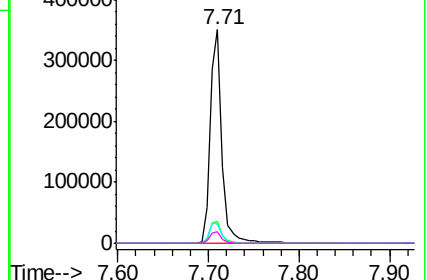
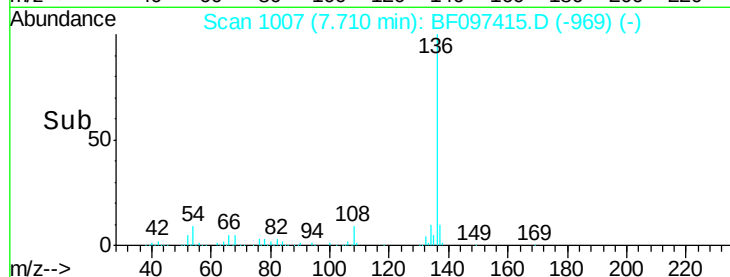


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.137 ng

RT: 6.99 min Scan# 885

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

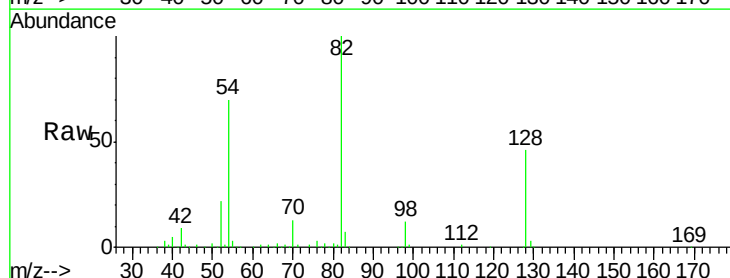
Tgt Ion: 82 Resp: 240658

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

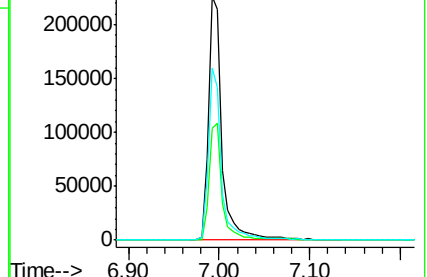
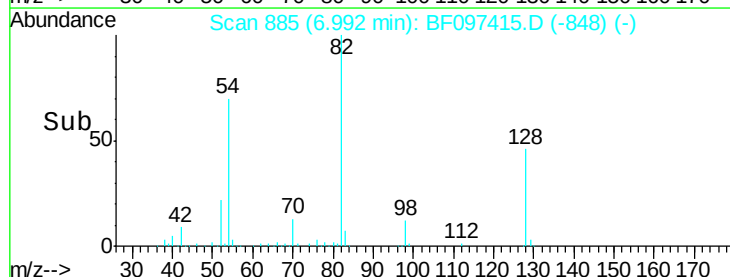
54 70.4 42.2 63.2#

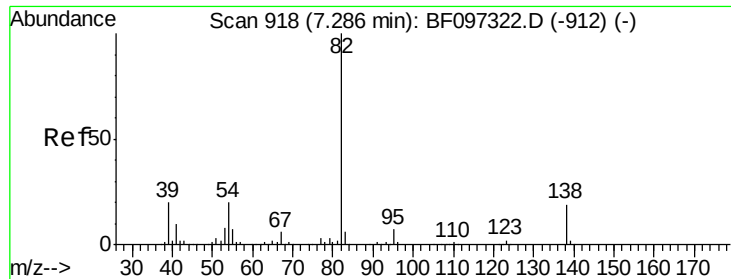


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 22.050 ng

RT: 6.99 min Scan# 885

Delta R.T. -0.35 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Instrument :

BNA_F

ClientSampled :

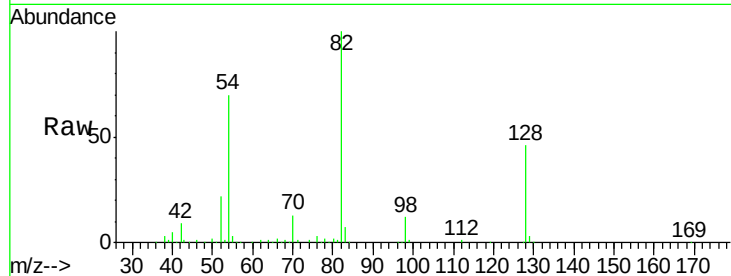
Tgt Ion: 82 Resp: 235448

Ion Ratio Lower Upper

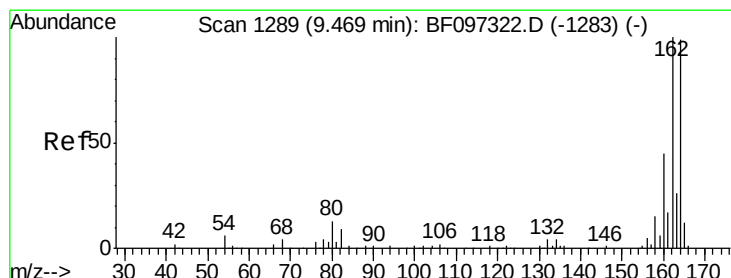
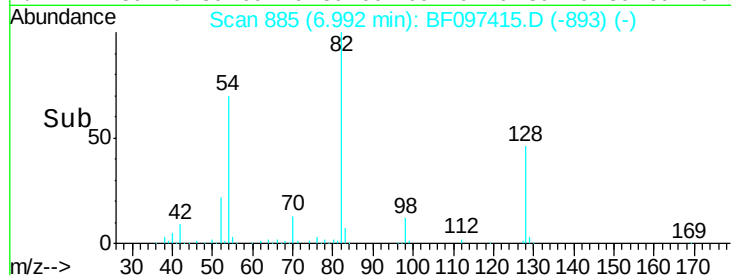
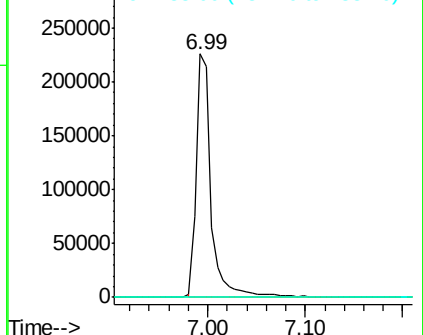
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.45 min Scan# 1303

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

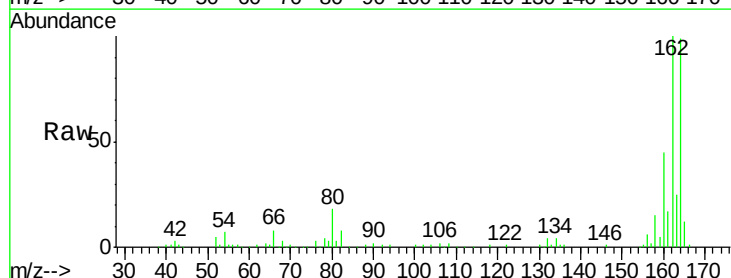
Tgt Ion: 164 Resp: 107435

Ion Ratio Lower Upper

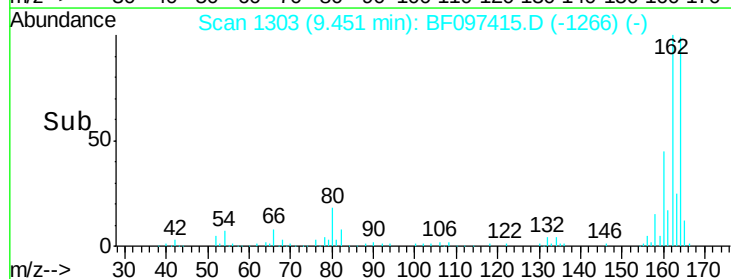
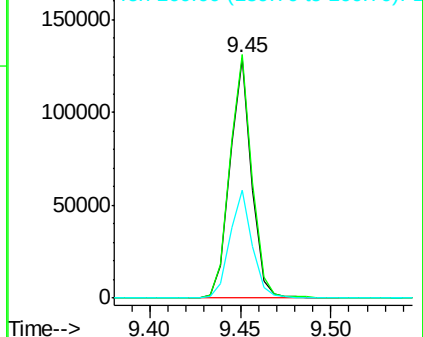
164 100

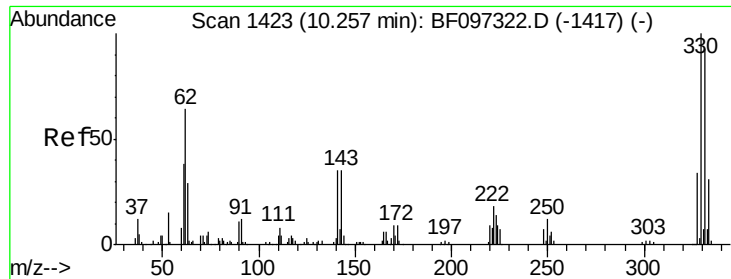
162 101.4 82.6 123.8

160 45.2 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: 57.826 ng

RT: 10.24 min Scan# 1437

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Instrument :

BNA_F

ClientSampleId :

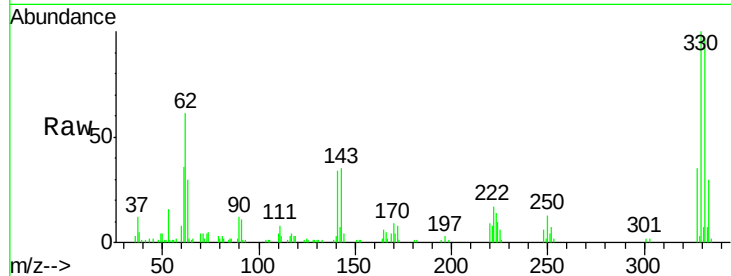
Tgt Ion:330 Resp: 49085

Ion Ratio Lower Upper

330 100

332 94.6 76.6 115.0

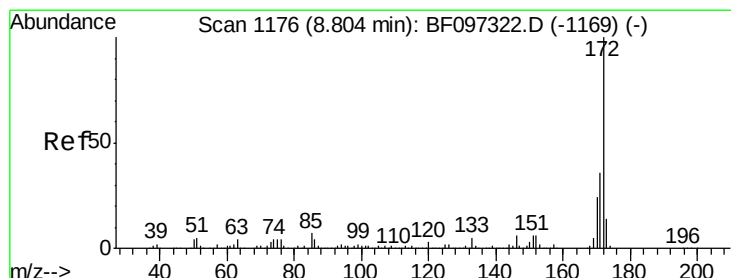
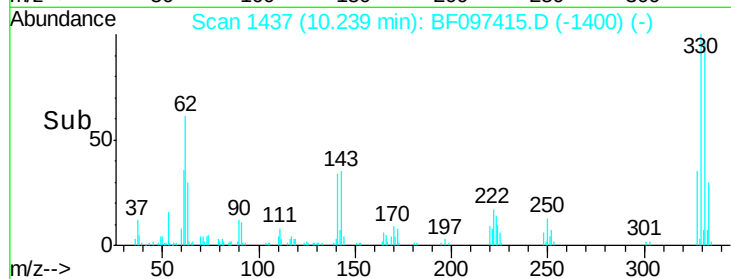
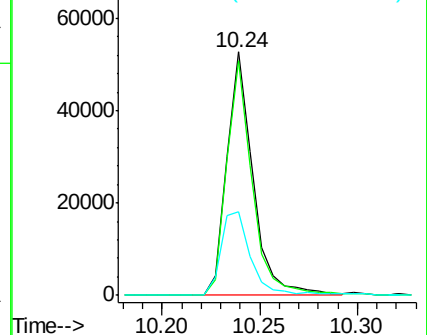
141 40.1 31.4 47.2



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: 60.996 ng

RT: 8.79 min Scan# 1190

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

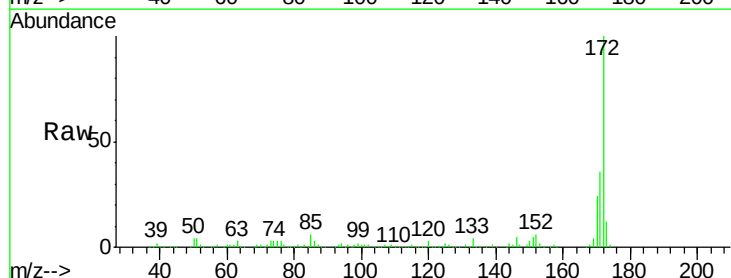
Tgt Ion:172 Resp: 386135

Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

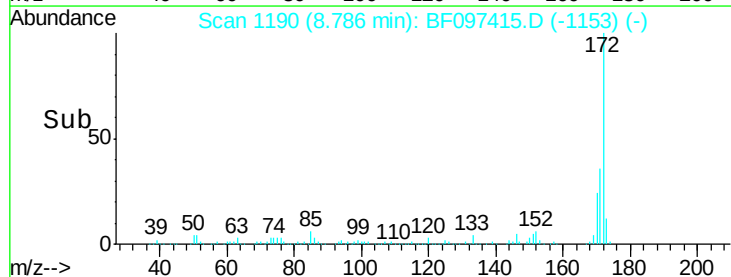
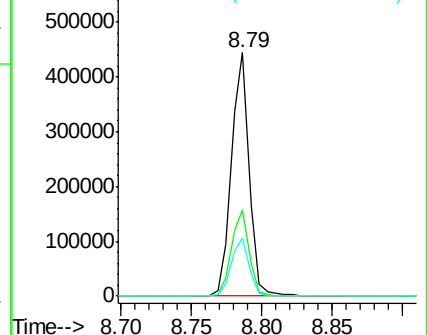
170 23.8 19.8 29.8

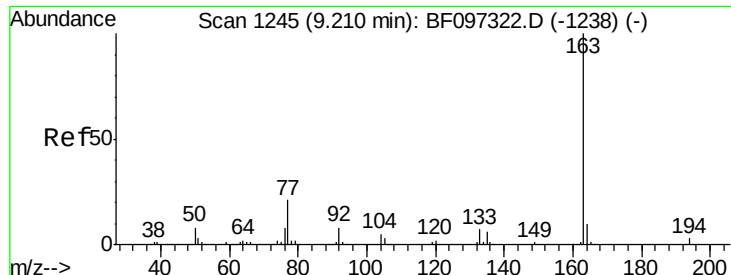


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

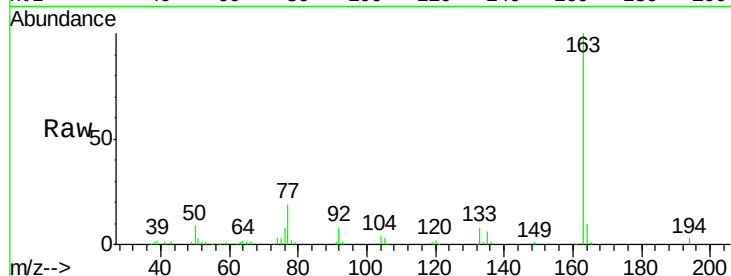




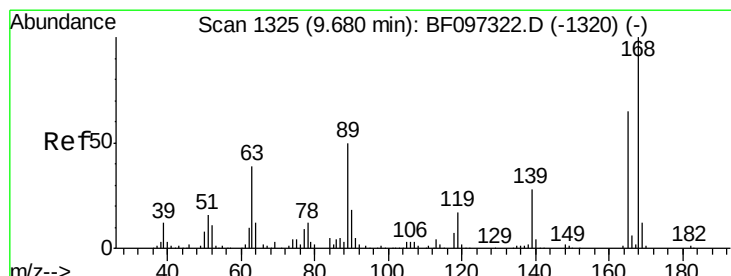
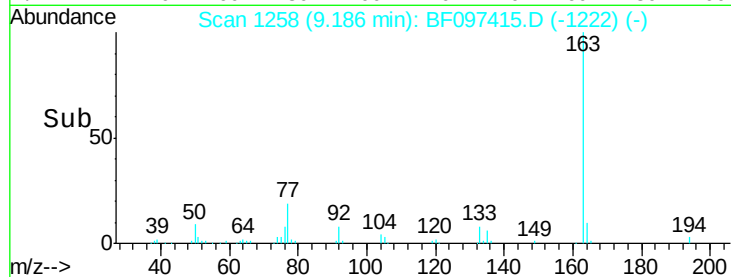
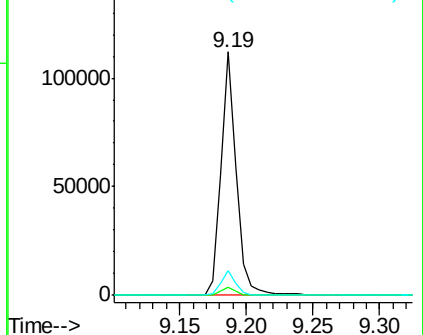
#49
Dimethylphthalate
Concen: 11.201 ng
RT: 9.19 min Scan# 1258
Delta R.T. -0.09 min
Lab File: BF097415.D
Acq: 5 Aug 2017 23:35

Instrument :
BNA_F
ClientSampled :

Tgt Ion:163 Resp: 91379
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 8.4 12.6

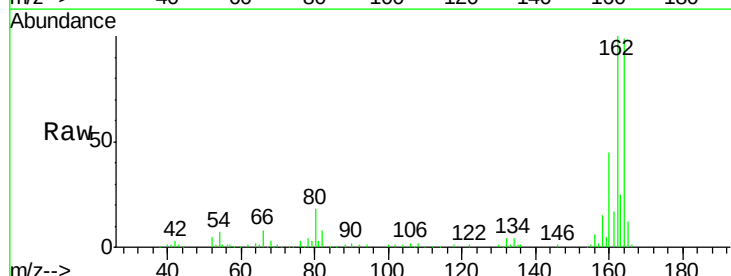


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

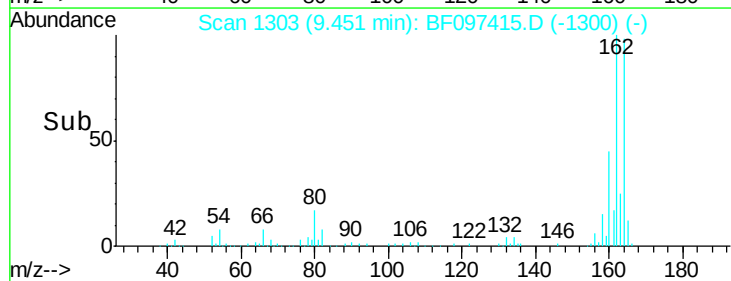
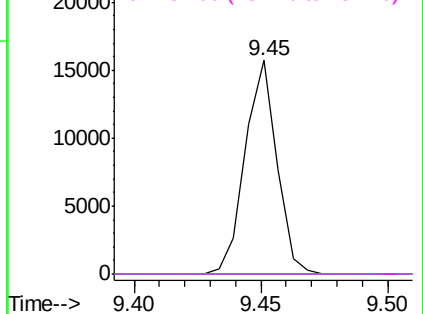


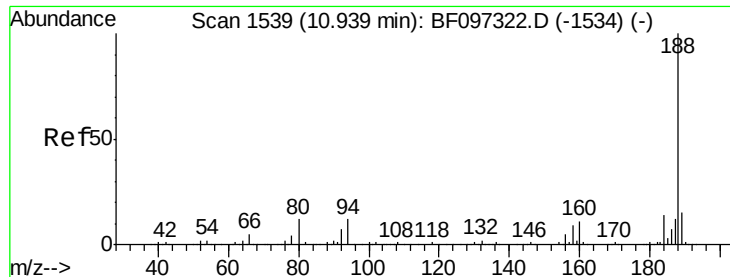
#56
2,4-Dinitrotoluene
Concen: 6.881 ng
RT: 9.45 min Scan# 1303
Delta R.T. -0.28 min
Lab File: BF097415.D
Acq: 5 Aug 2017 23:35

Tgt Ion:165 Resp: 13687
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#



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

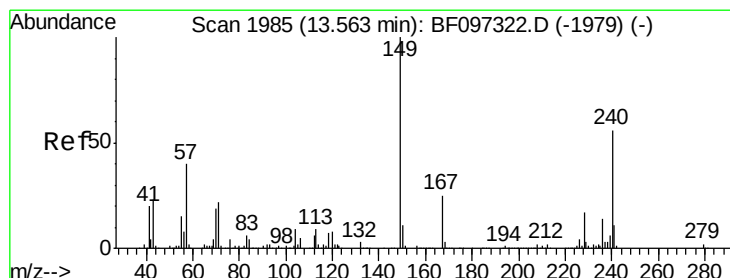
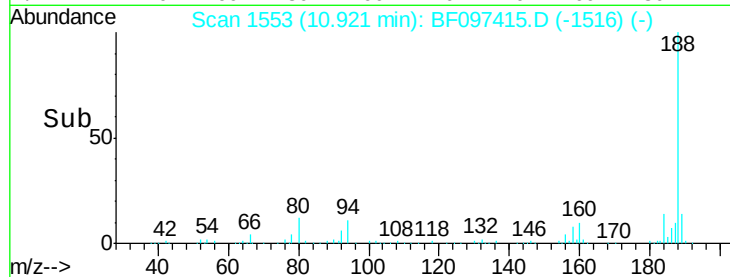
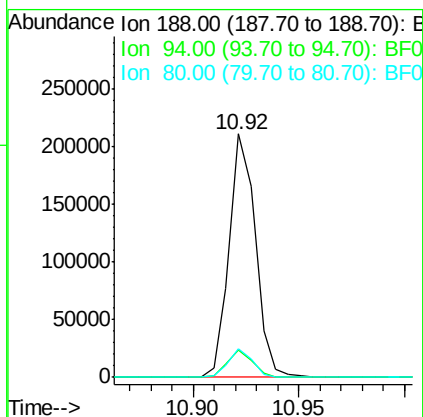
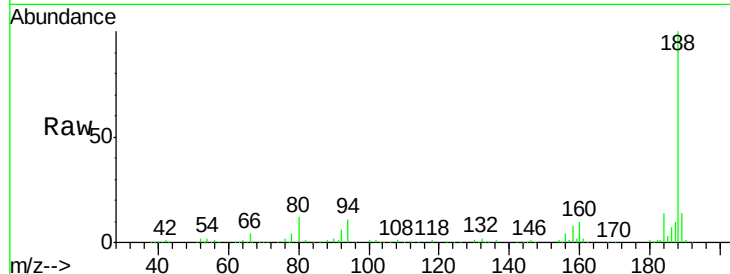




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.08 min
Lab File: BF097415.D
Acq: 5 Aug 2017 23:35

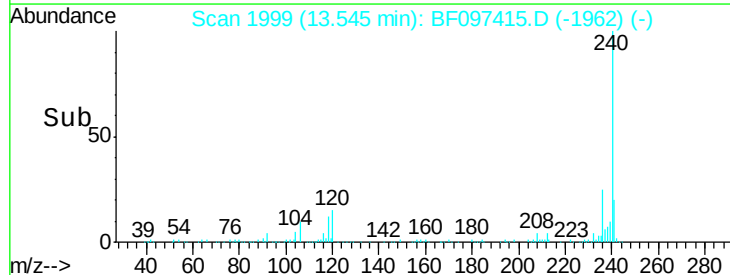
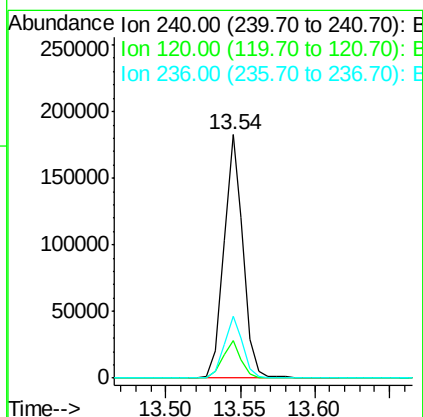
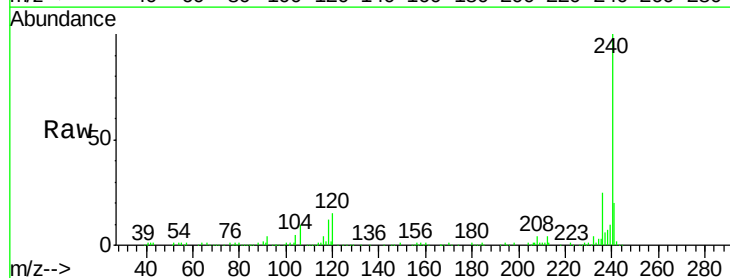
Instrument :
BNA_F
ClientSampled :

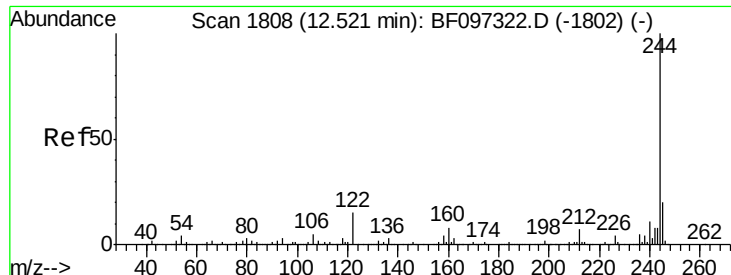
Tgt Ion:188 Resp: 182050
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 11.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.08 min
Lab File: BF097415.D
Acq: 5 Aug 2017 23:35

Tgt Ion:240 Resp: 164767
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 25.3 20.5 30.7





#78

Terphenyl-d14

Concen: 38.407 ng

RT: 12.50 min Scan# 1822

Delta R.T. -0.08 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

Instrument :

BNA_F

ClientSampleId :

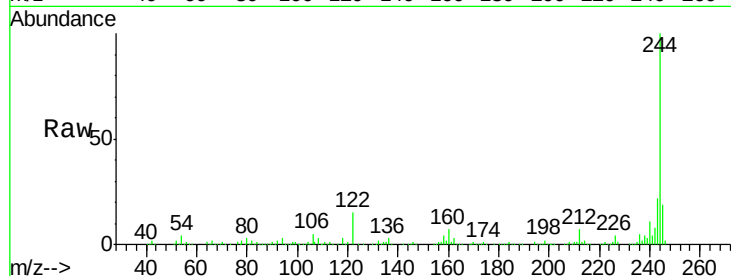
Tgt Ion:244 Resp: 310381

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

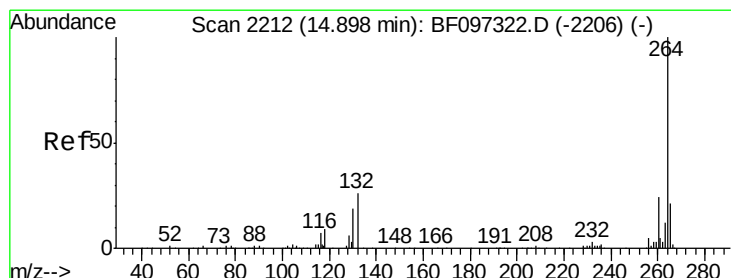
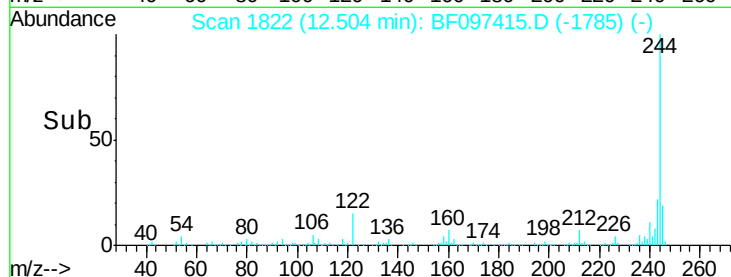
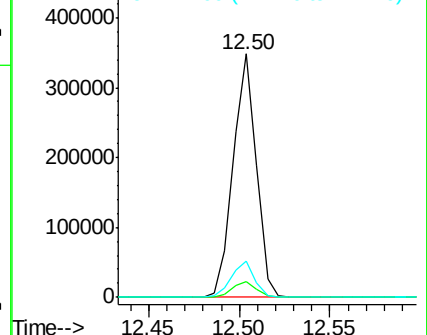
122 14.9 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.89 min Scan# 2227

Delta R.T. -0.09 min

Lab File: BF097415.D

Acq: 5 Aug 2017 23:35

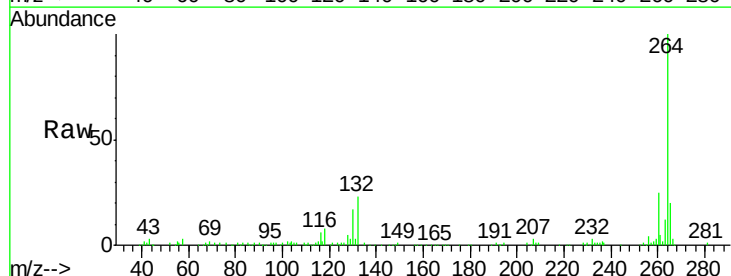
Tgt Ion:264 Resp: 107682

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 19.8 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

