

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098063.D
 Acq On : 28 Aug 2017 12:40
 Operator : SJ/JU
 Sample : I4924-03RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11975-COMPRE

Quant Time: Aug 28 13:47:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

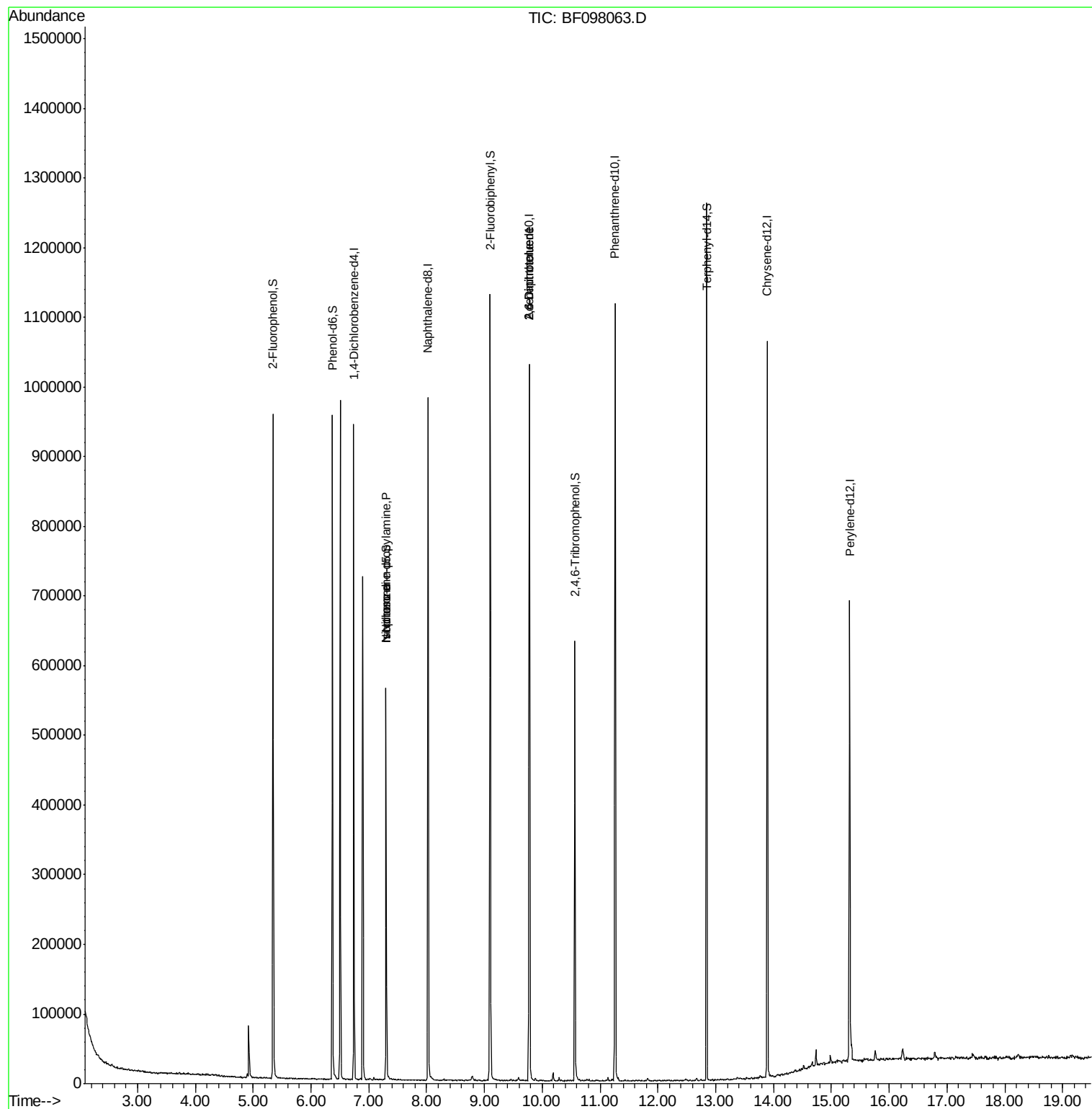
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	120277	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	473974	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	212546	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	415921	20.00	ng	0.00
75) Chrysene-d12	13.89	240	367561	20.00	ng	0.00
86) Perylene-d12	15.32	264	290522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	249476	31.55	ng	0.00
7) Phenol-d6	6.37	99	312223	29.06	ng	-0.02
23) Nitrobenzene-d5	7.30	82	202602	23.22	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	63085	34.21	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	323764	22.38	ng	-0.01
78) Terphenyl-d14	12.84	244	358705	20.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	27029	3.675	ng	# 74
25) Isophorone	7.30	82	195083	10.753	ng	# 67
50) 2,6-Dinitrotoluene	9.77	165	26565	8.566	ng	# 34
56) 2,4-Dinitrotoluene	9.77	165	26565	6.826	ng	# 33

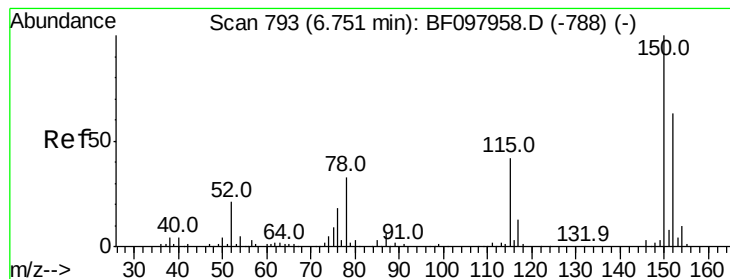
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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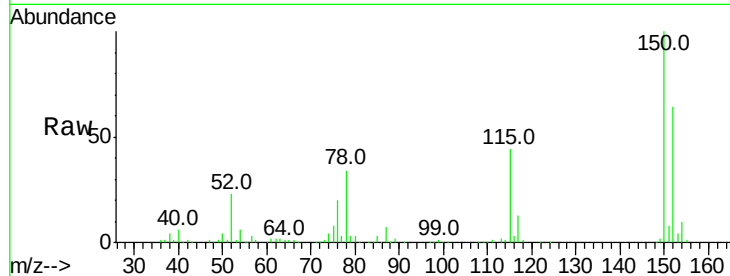


#1

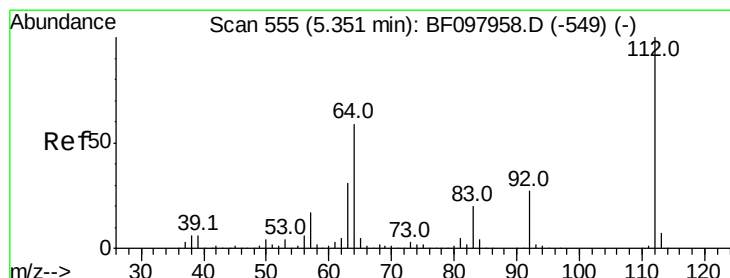
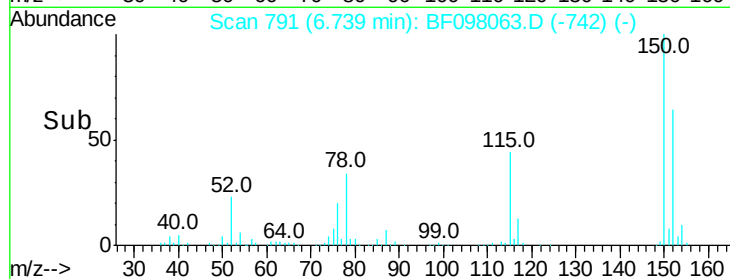
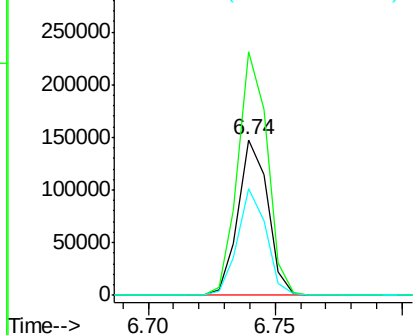
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098063.D
 Acq: 28 Aug 2017 12:40

Instrument :
 BNA_F
 ClientSampleId :
 72-11975-COMPRE

Tot Ion:152 Resp: 120277
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.2
 115 68.2 52.2 78.2



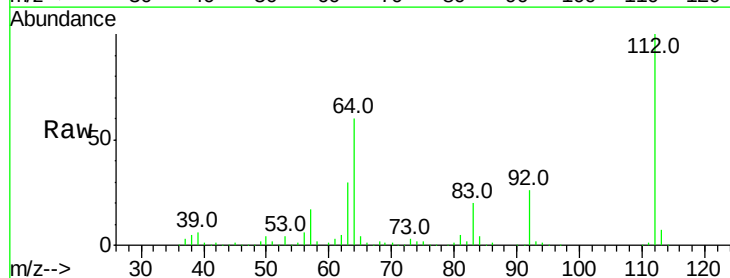
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



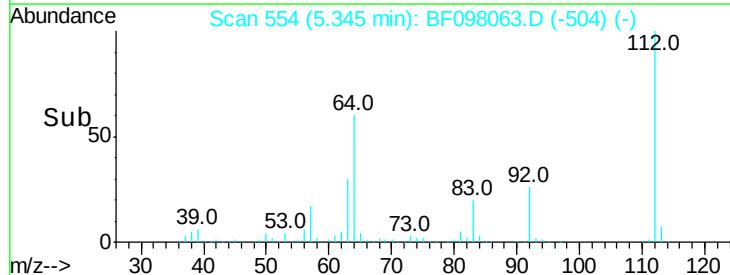
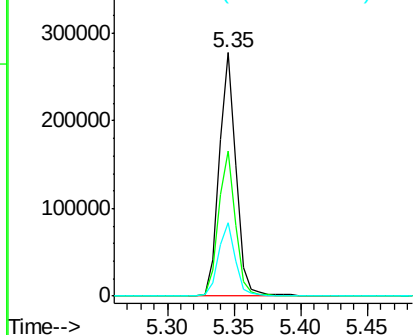
#5

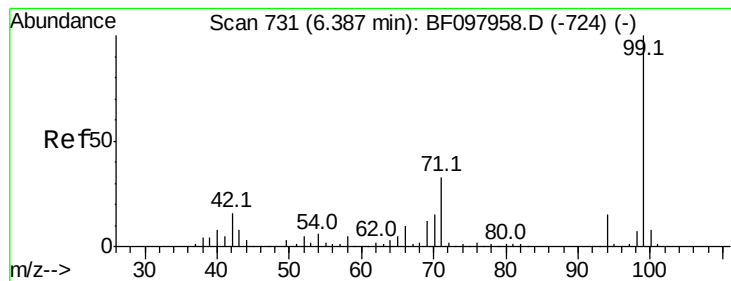
2-Fluorophenol
 Concen: 31.550 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF098063.D
 Acq: 28 Aug 2017 12:40

Tgt Ion:112 Resp: 249476
 Ion Ratio Lower Upper
 112 100
 64 59.6 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: 29.061 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098063.D

Acq: 28 Aug 2017 12:40

Instrument :

BNA_F

ClientSampleId :

72-11975-COMPRE

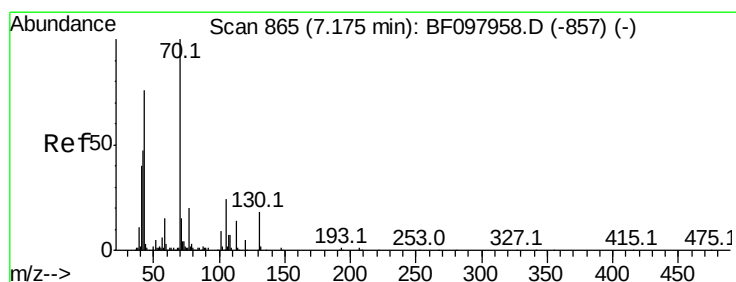
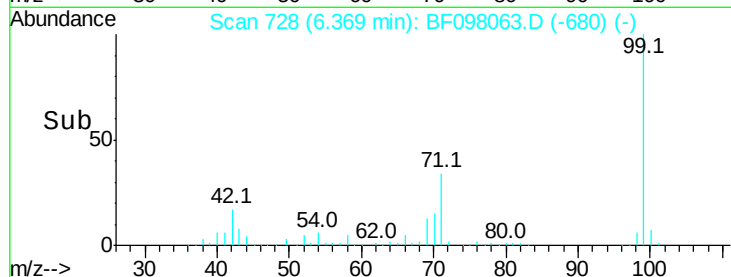
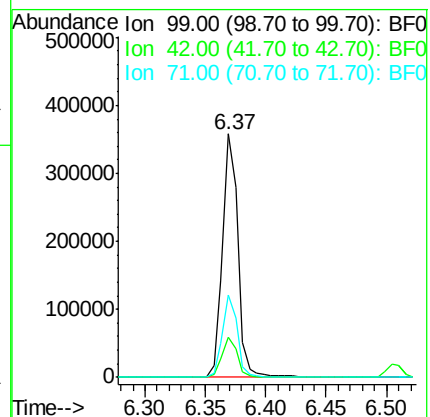
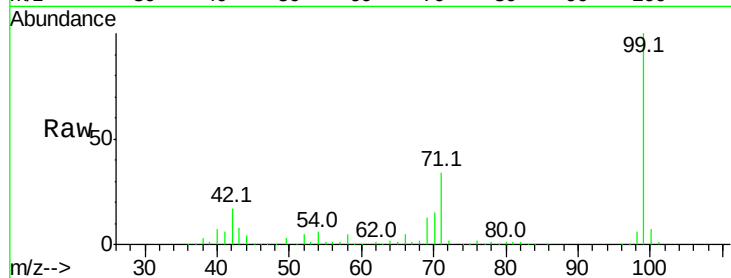
Tot Ion: 99 Resp: 312223

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 33.7 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 3.675 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.12 min

Lab File: BF098063.D

Acq: 28 Aug 2017 12:40

Tgt Ion: 70 Resp: 27029

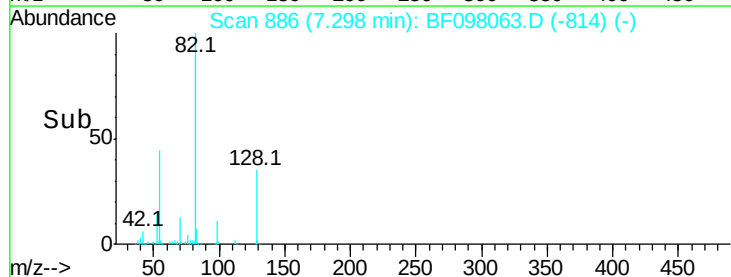
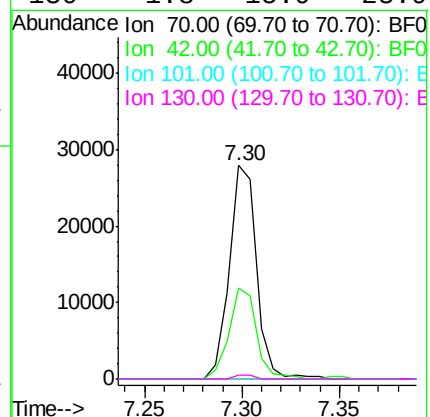
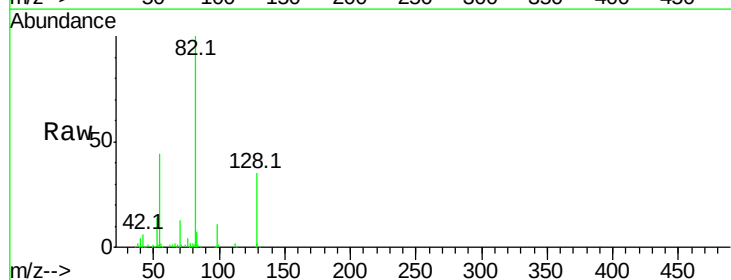
Ion Ratio Lower Upper

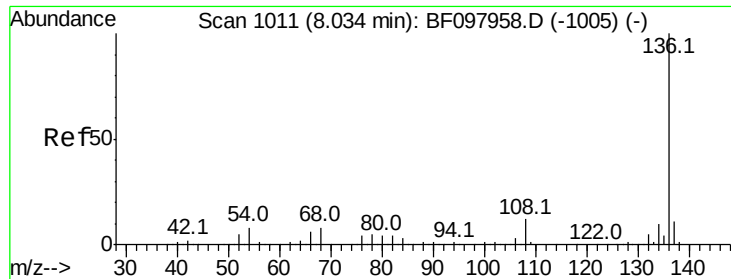
70 100

42 42.8 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

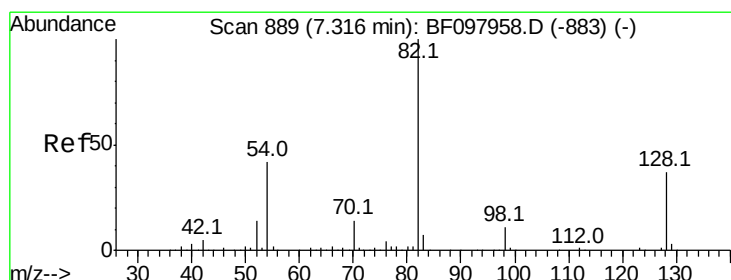
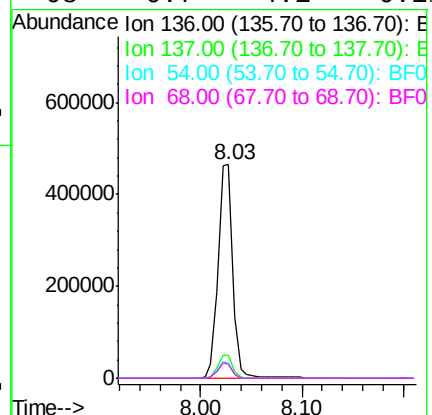
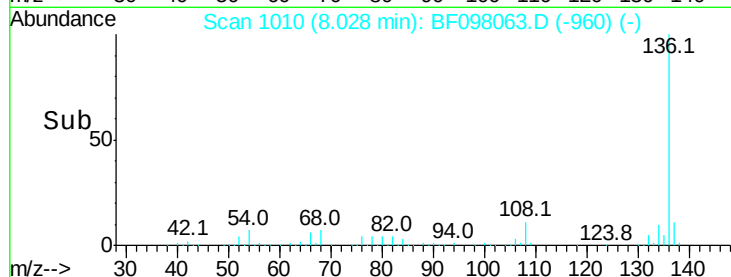
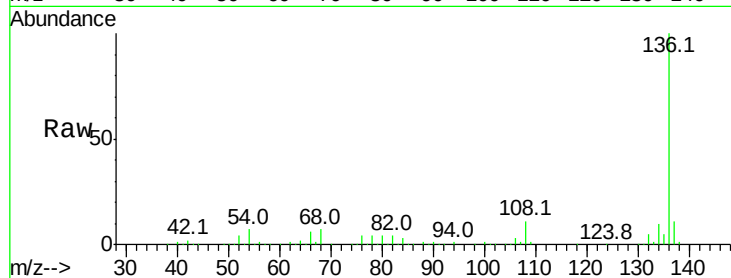




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098063.D
Acq: 28 Aug 2017 12:40

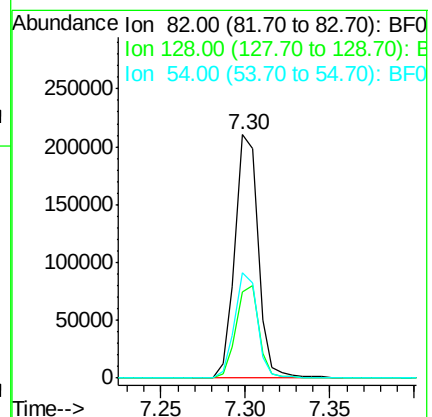
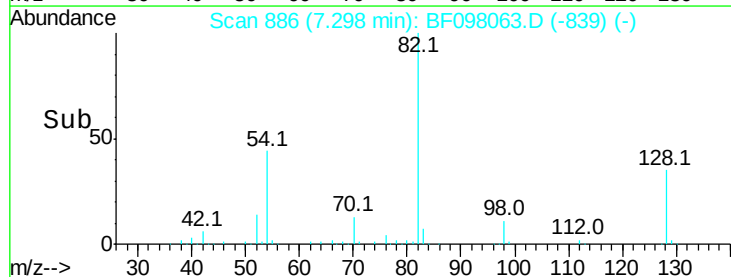
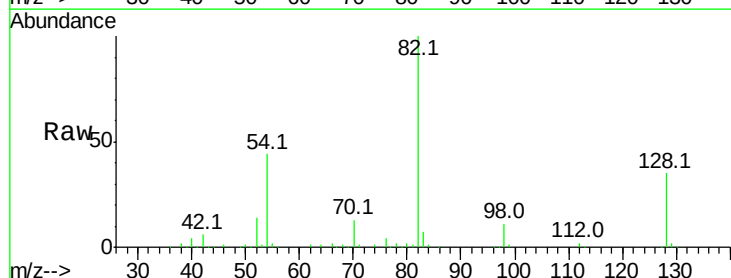
Instrument :
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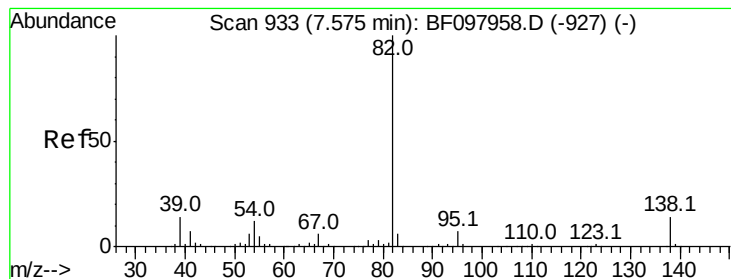
Tot Ion:	136	Resp:	473974
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.1	4.9	7.3
68	6.7	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 23.221 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098063.D
Acq: 28 Aug 2017 12:40

Tgt Ion:	82	Resp:	202602
Ion	Ratio	Lower	Upper
82	100		
128	35.3	34.0	51.0
54	43.5	42.2	63.2





#25

Isophorone

Concen: 10.753 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.28 min

Lab File: BF098063.D

Acq: 28 Aug 2017 12:40

Instrument :

BNA_F

ClientSampleId :

72-11975-COMPRE

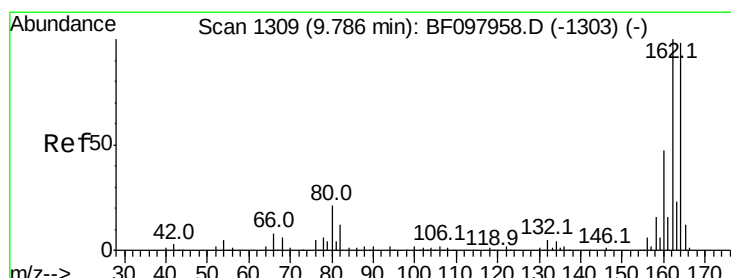
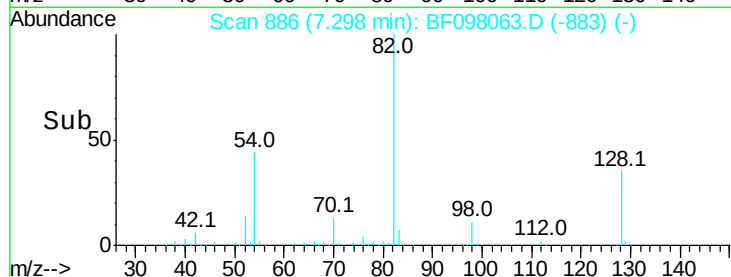
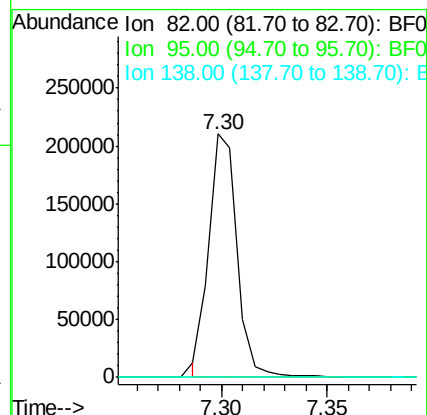
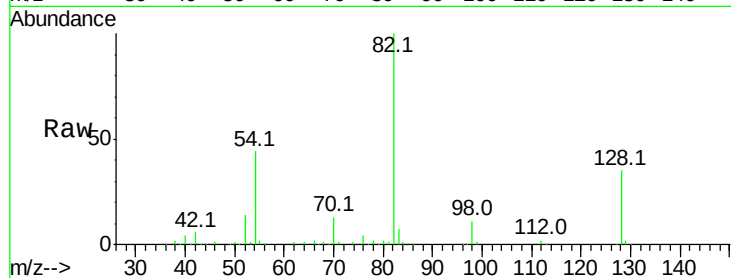
Tot Ion: 82 Resp: 195083

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF098063.D

Acq: 28 Aug 2017 12:40

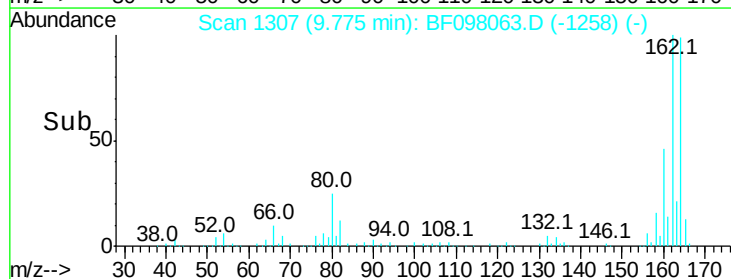
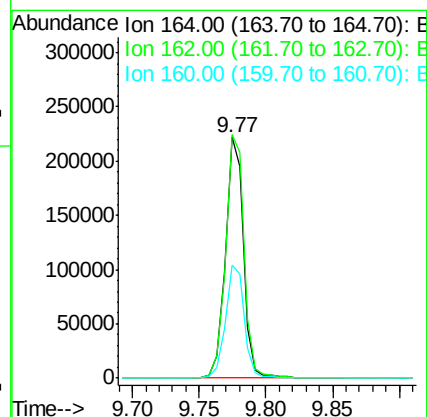
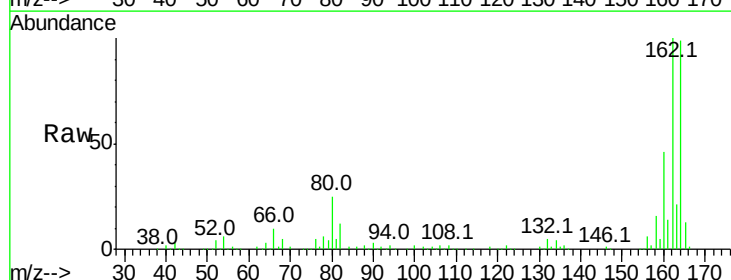
Tgt Ion:164 Resp: 212546

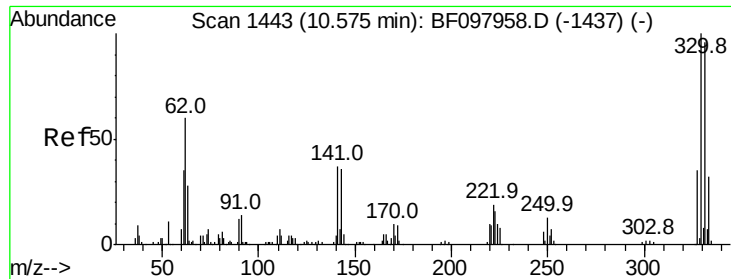
Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

160 46.9 36.2 54.2

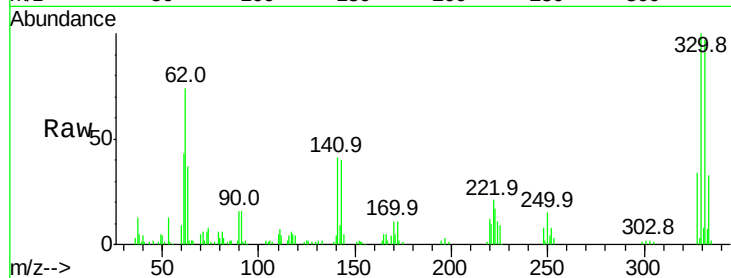




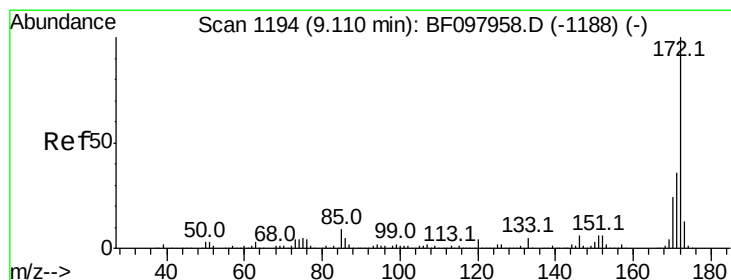
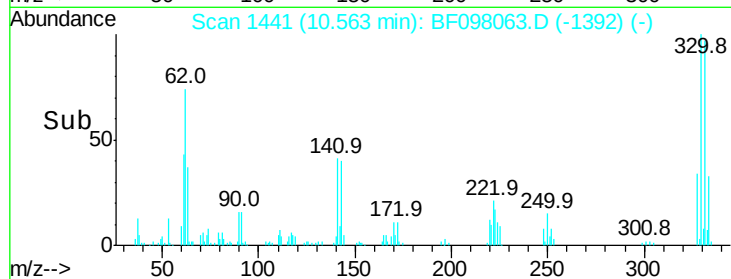
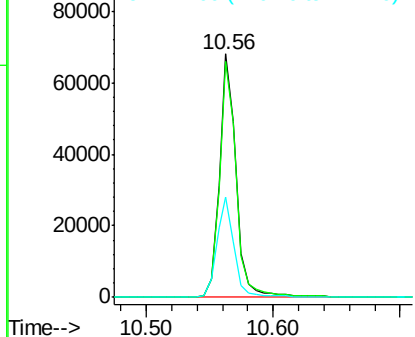
#41
 2,4,6-Tribromophenol
 Concen: 34.208 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098063.D
 Acq: 28 Aug 2017 12:40

Instrument :
 BNA_F
 ClientSampleId :
 72-11975-COMPRE

Tot Ion:330 Resp: 63085
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 42.8 31.4 47.2

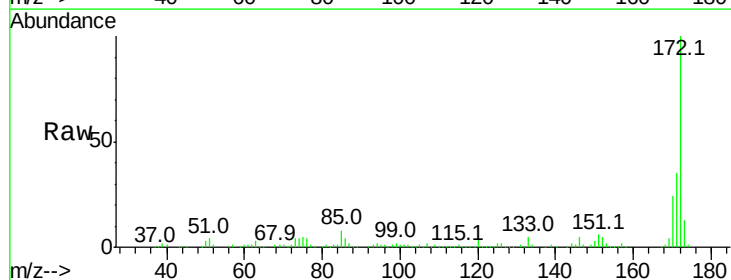


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

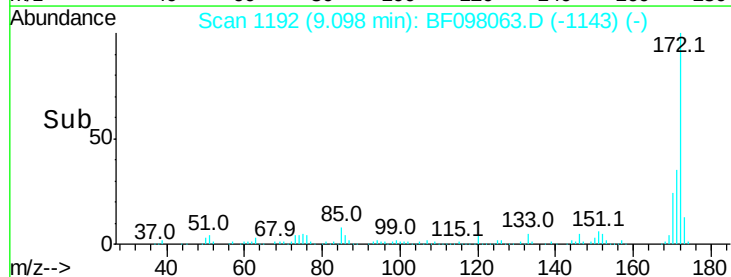
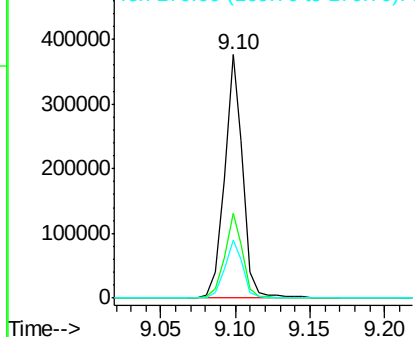


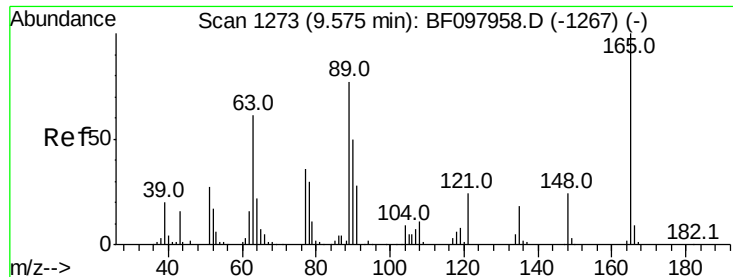
#44
 2-Fluorobiphenyl
 Concen: 22.380 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098063.D
 Acq: 28 Aug 2017 12:40

Tgt Ion:172 Resp: 323764
 Ion Ratio Lower Upper
 172 100
 171 34.8 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

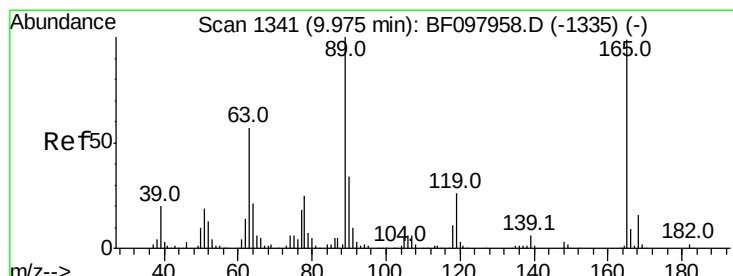
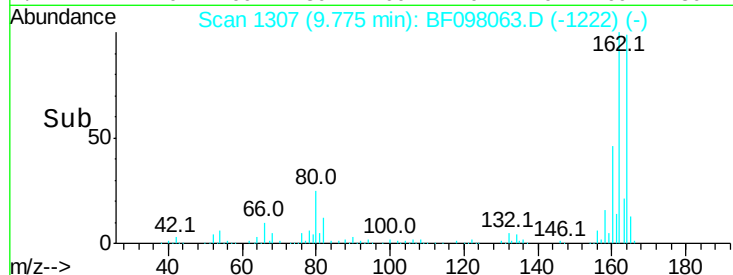
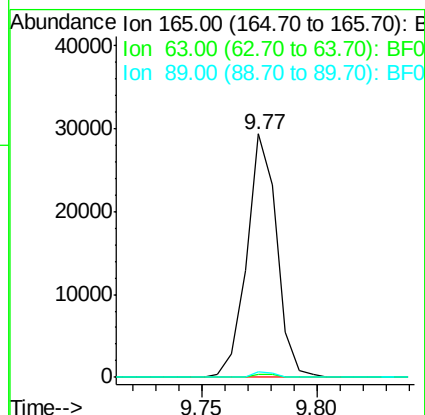
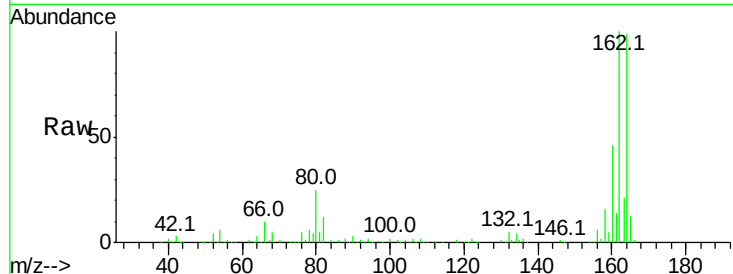




#50
 2,6-Dinitrotoluene
 Concen: 8.566 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. 0.20 min
 Lab File: BF098063.D
 Acq: 28 Aug 2017 12:40

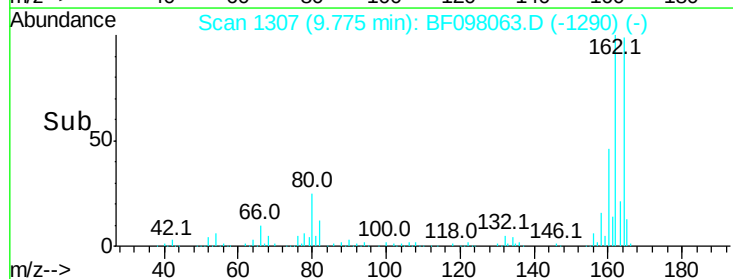
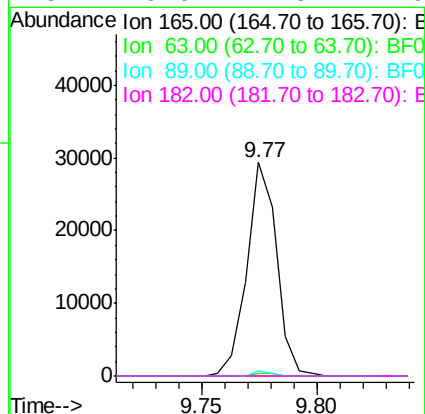
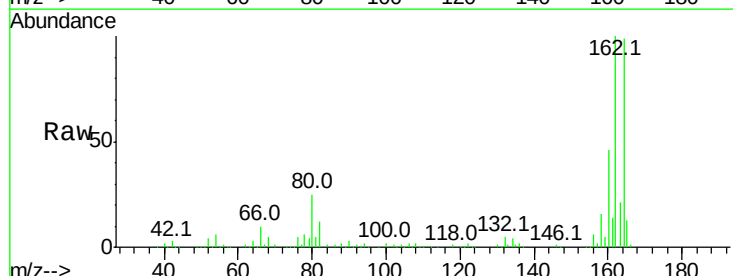
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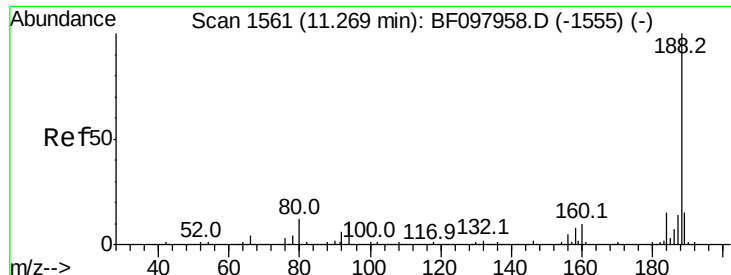
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	34.3	51.5#
89	2.1	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.826 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.20 min
 Lab File: BF098063.D
 Acq: 28 Aug 2017 12:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	2.1	46.4	69.6#
182	0.0	1.8	2.6#

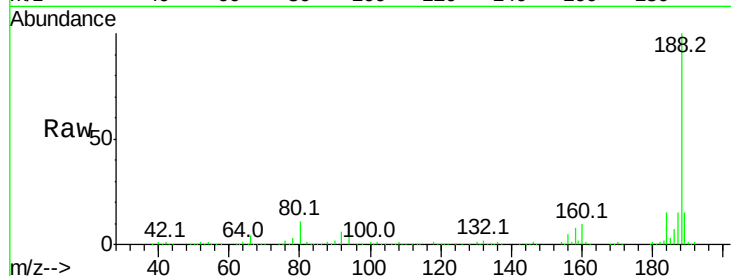




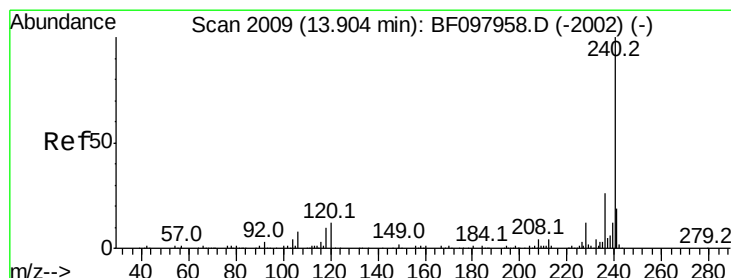
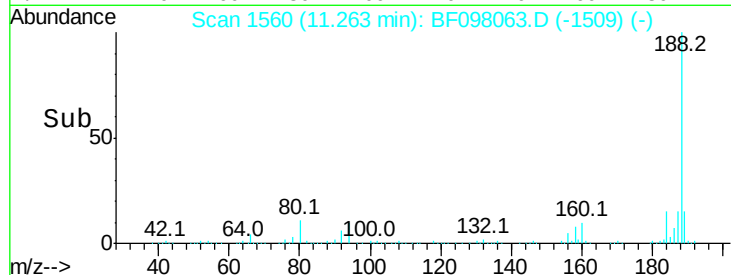
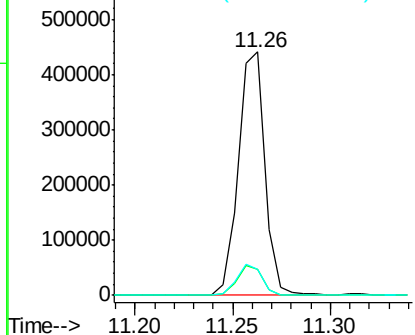
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. 0.00 min
Lab File: BF098063.D
Acq: 28 Aug 2017 12:40

Instrument :
BNA_F
ClientSampleId :
72-11975-COMPRE

Tot Ion:188 Resp: 415921
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 10.6 10.2 15.2

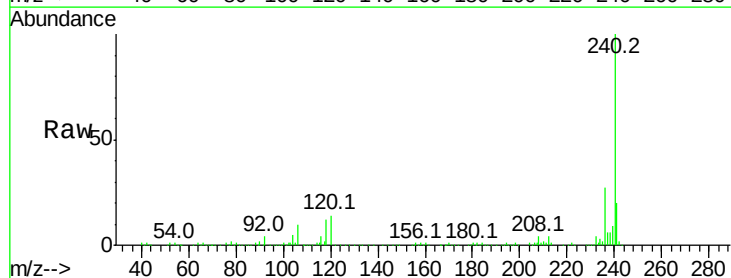


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

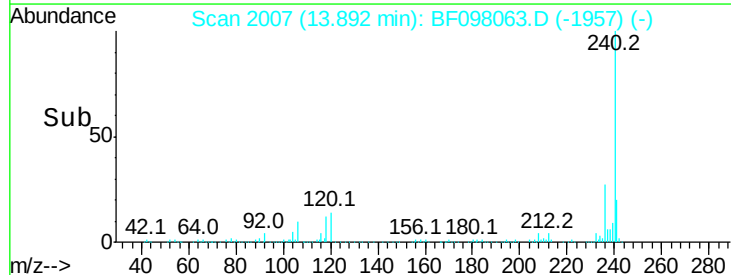
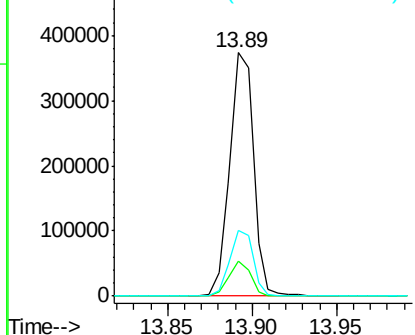


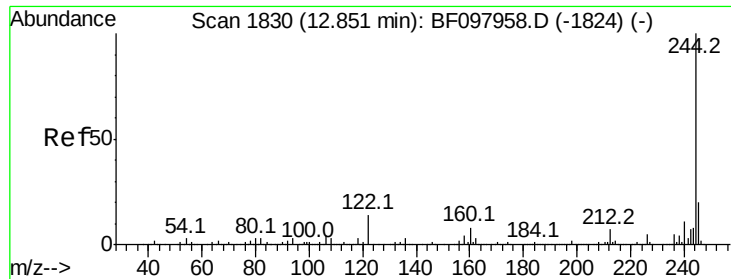
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098063.D
Acq: 28 Aug 2017 12:40

Tgt Ion:240 Resp: 367561
Ion Ratio Lower Upper
240 100
120 14.4 5.8 8.8#
236 27.0 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: 20.351 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098063.D

Acq: 28 Aug 2017 12:40

Instrument :

BNA_F

ClientSampleId :

72-11975-COMPRE

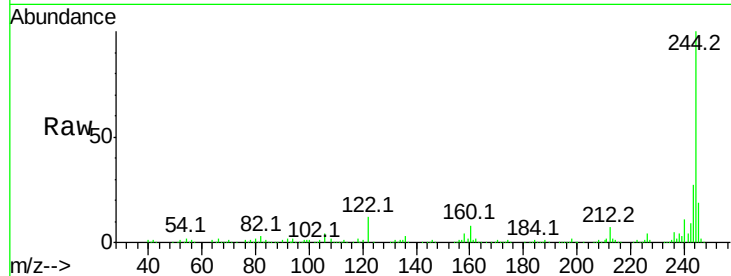
Tot Ion:244 Resp: 358705

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

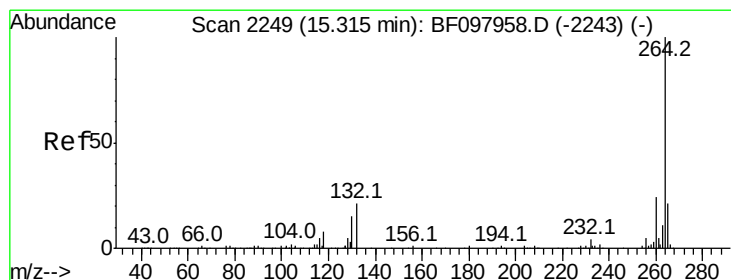
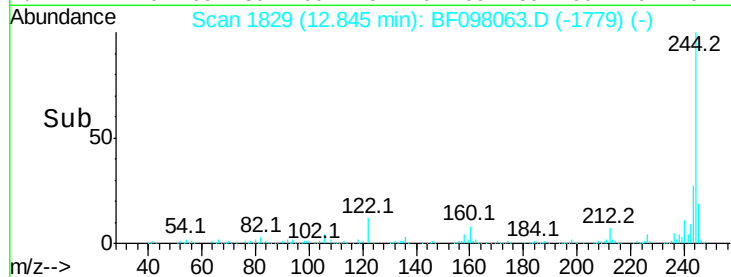
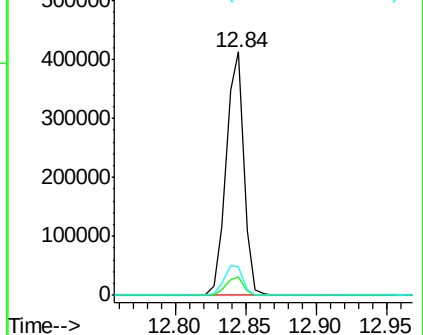
122 11.7 10.3 15.5



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: 15.32 min Scan# 2249

Delta R.T. 0.01 min

Lab File: BF098063.D

Acq: 28 Aug 2017 12:40

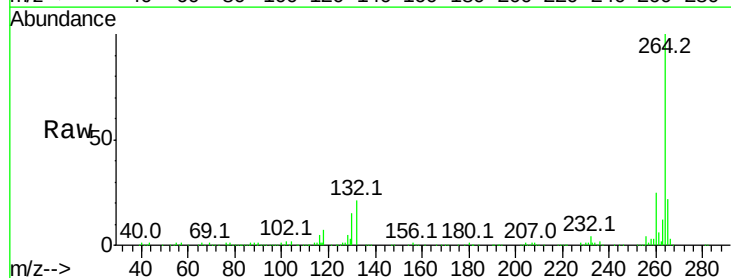
Tgt Ion:264 Resp: 290522

Ion Ratio Lower Upper

264 100

260 24.5 19.5 29.3

265 21.6 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

