

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097166.D
 Acq On : 28 Jul 2017 20:58
 Operator : SJ/JU
 Sample : I4465-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-072617-A

Quant Time: Jul 28 22:43:49 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

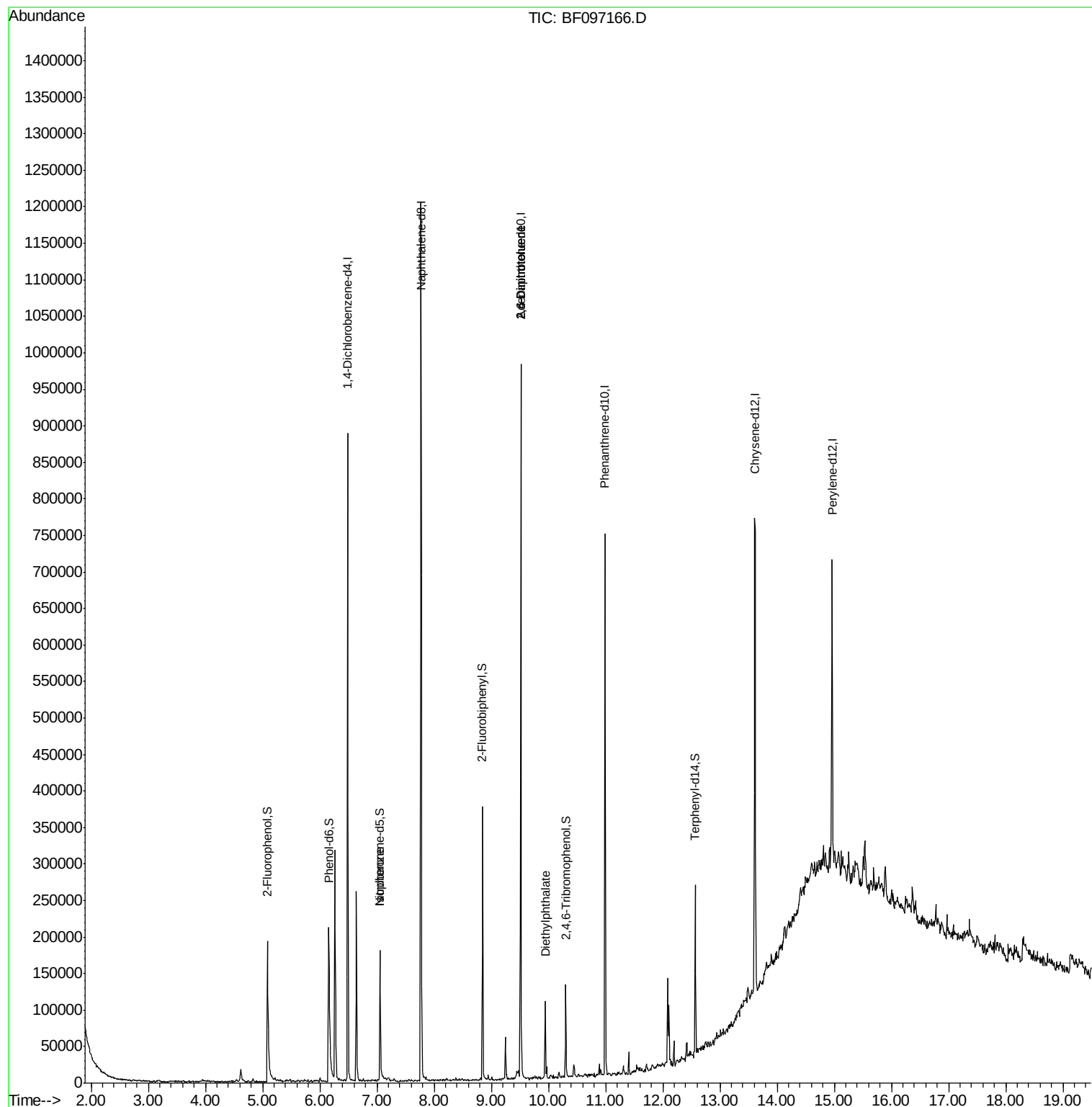
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	124011	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	495121	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	183555	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	242366	20.00	ng	-0.02
75) Chrysene-d12	13.62	240	226262	20.00	ng	-0.01
86) Perylene-d12	14.96	264	163720	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	82099	9.98	ng	-0.01
7) Phenol-d6	6.16	99	111712	11.90	ng	-0.01
23) Nitrobenzene-d5	7.05	82	59777	7.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	12289	8.47	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	102934	9.52	ng	-0.02
78) Terphenyl-d14	12.57	244	57507	5.18	ng	-0.02
Target Compounds						
25) Isophorone	7.05	82	59776	3.62	ng	# 67
50) 2,6-Dinitrotoluene	9.52	165	22887	7.74	ng	# 34
56) 2,4-Dinitrotoluene	9.52	165	22887	6.73	ng	# 33
59) Diethylphthalate	9.95	149	37366	2.92	ng	96

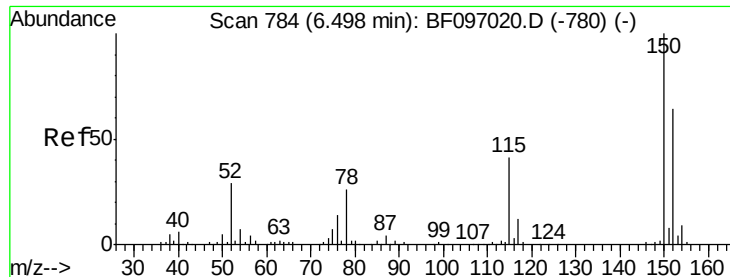
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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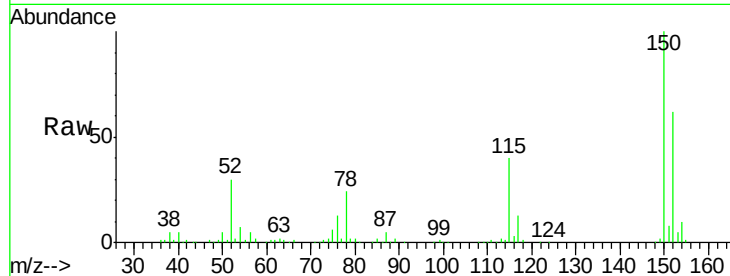


#1

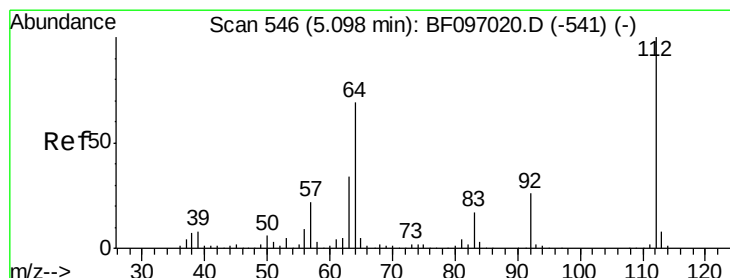
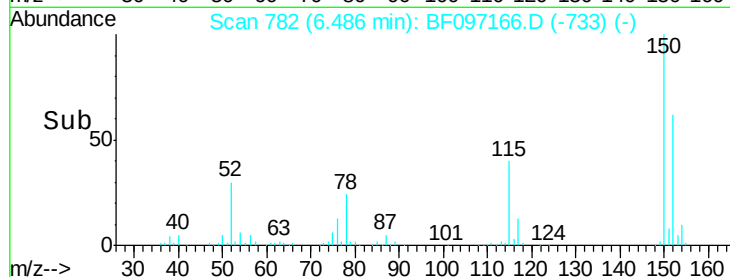
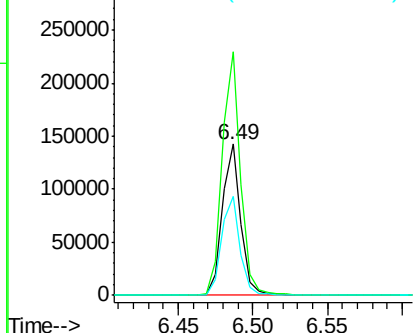
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097166.D
Acq: 28 Jul 2017 20:58

Instrument :
BNA_F
ClientSampleId :
OK-03-072617-A

Tot Ion:152 Resp: 124011
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.2
115 65.2 52.2 78.2



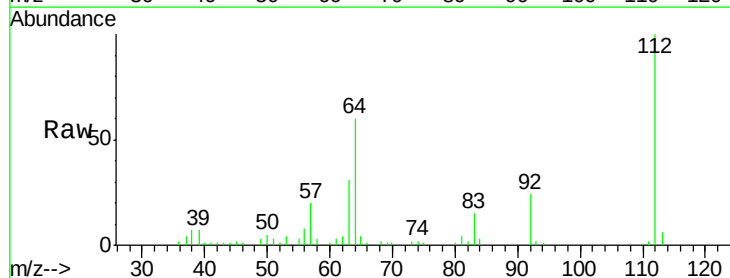
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



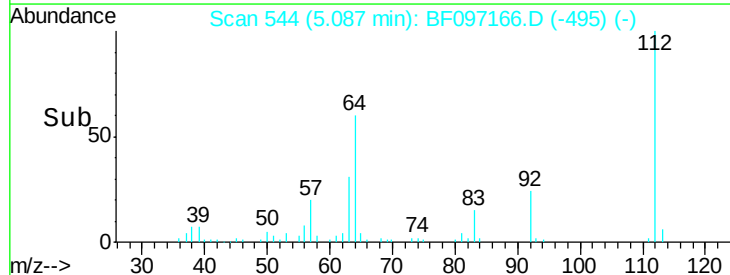
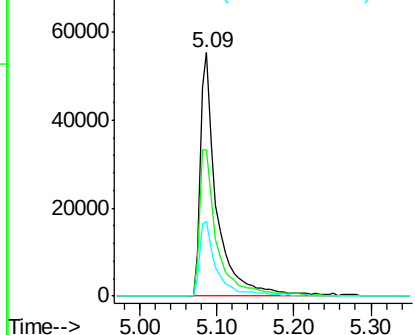
#5

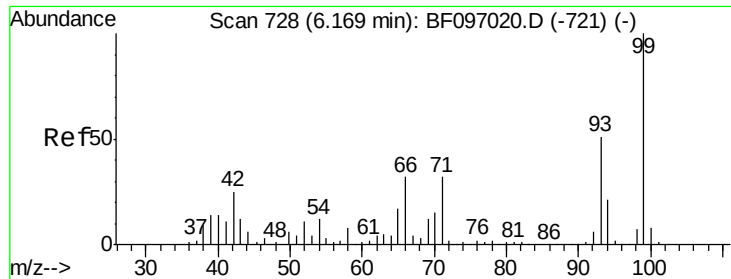
2-Fluorophenol
Concen: 9.98 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097166.D
Acq: 28 Jul 2017 20:58

Tgt Ion:112 Resp: 82099
Ion Ratio Lower Upper
112 100
64 60.3 46.0 69.0
63 30.8 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: 11.90 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097166.D

Acq: 28 Jul 2017 20:58

Instrument :

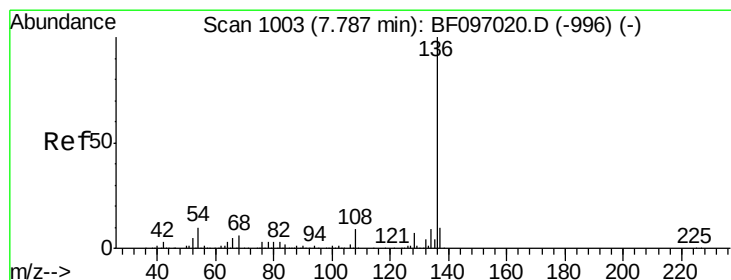
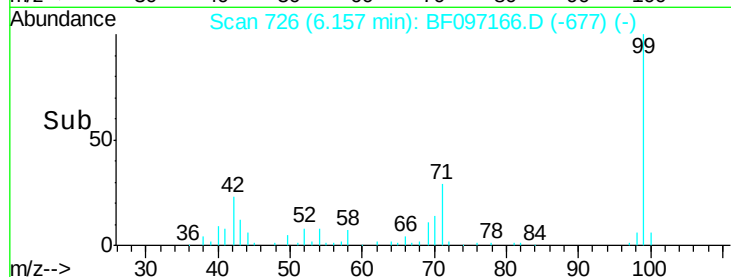
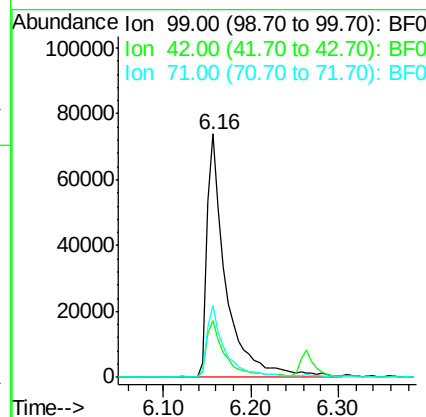
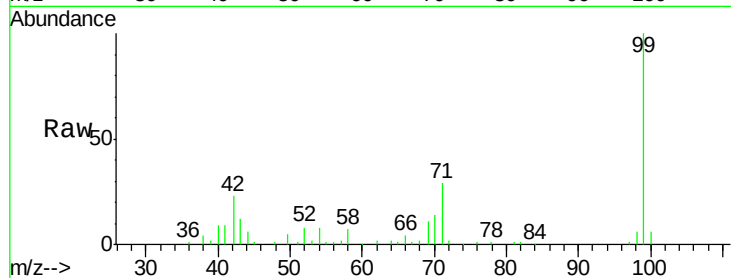
BNA_F

ClientSampleId :

OK-03-072617-A

Tot Ion: 99 Resp: 111712

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	29.4	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 1000

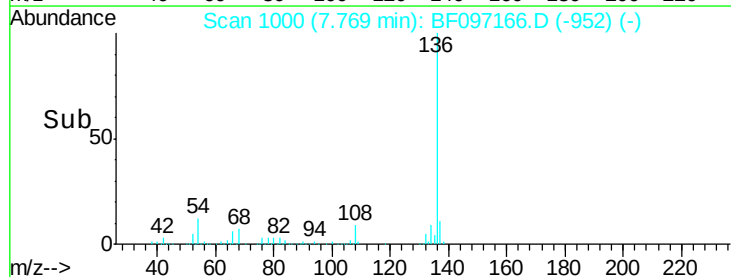
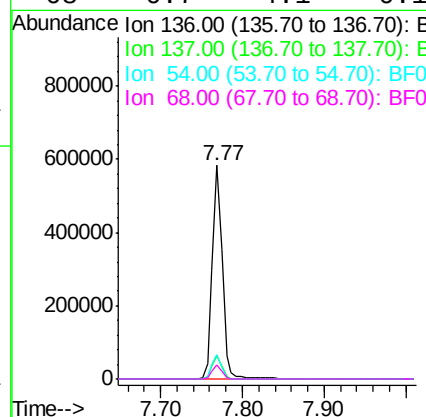
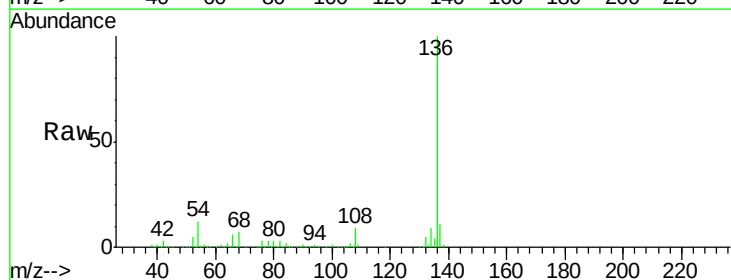
Delta R.T. -0.02 min

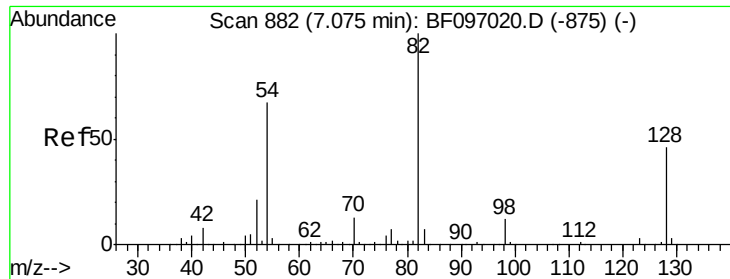
Lab File: BF097166.D

Acq: 28 Jul 2017 20:58

Tgt Ion: 136 Resp: 495121

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.5	4.9	7.3#
68	6.7	4.1	6.1#

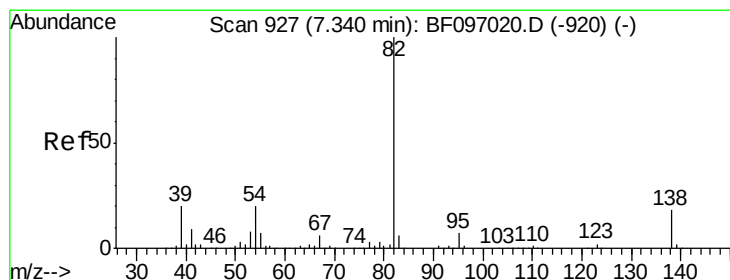
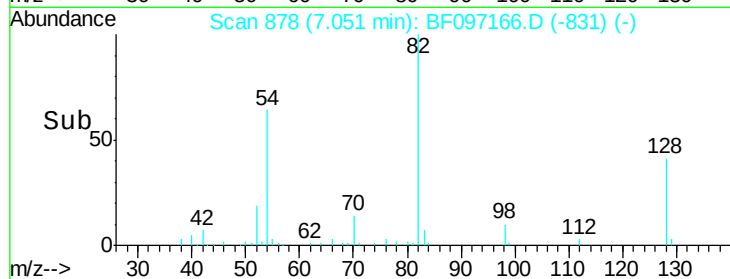
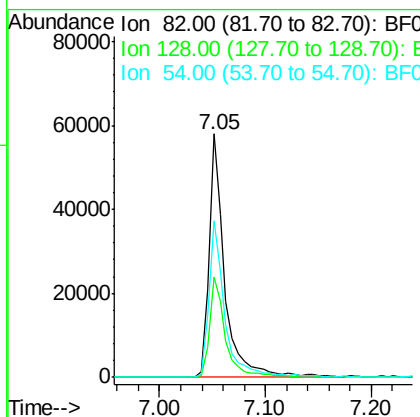
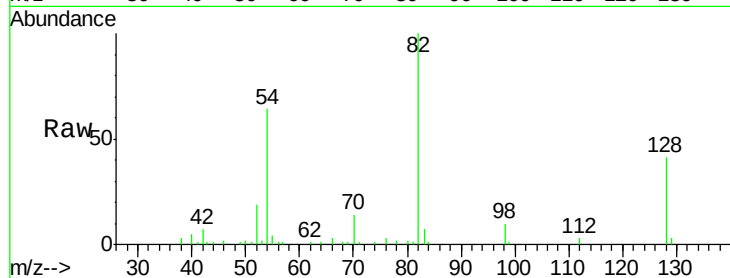




#23
 Nitrobenzene-d5
 Concen: 7.08 na
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097166.D
 Acq: 28 Jul 2017 20:58

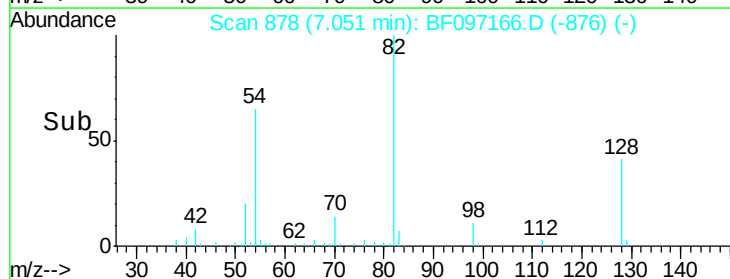
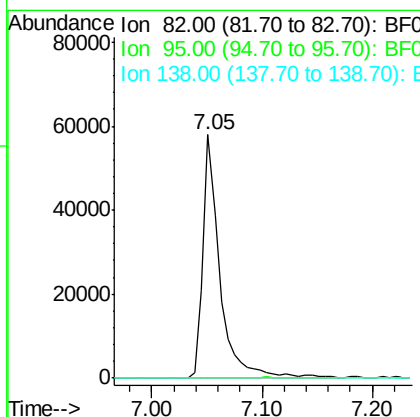
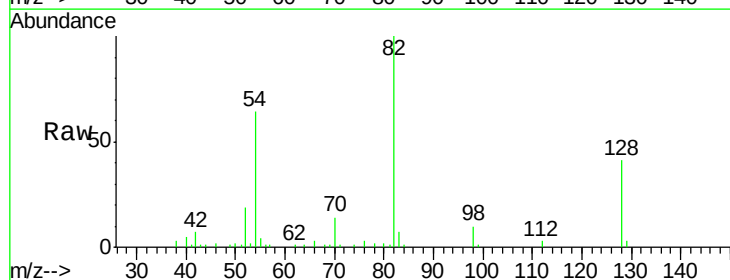
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-072617-A

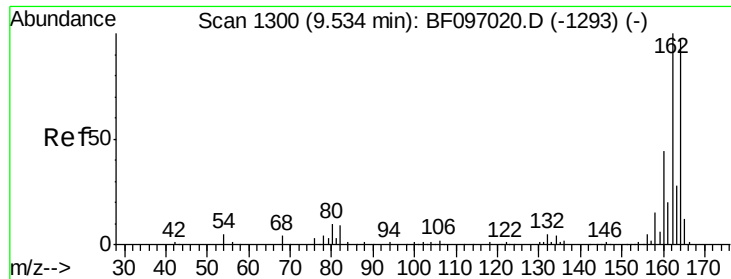
Tot Ion: 82 Resp: 59777
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.0 51.0
 54 64.4 42.2 63.2#



#25
 Isophorone
 Concen: 3.62 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.29 min
 Lab File: BF097166.D
 Acq: 28 Jul 2017 20:58

Tgt Ion: 82 Resp: 59776
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.1 19.7#

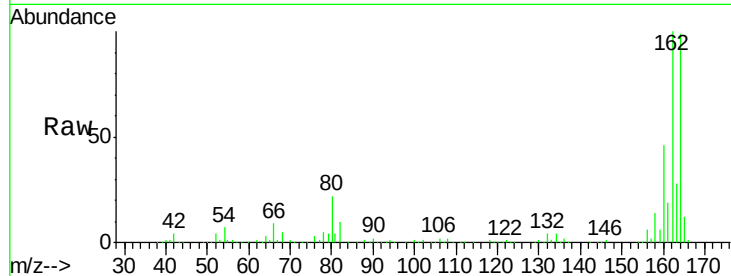




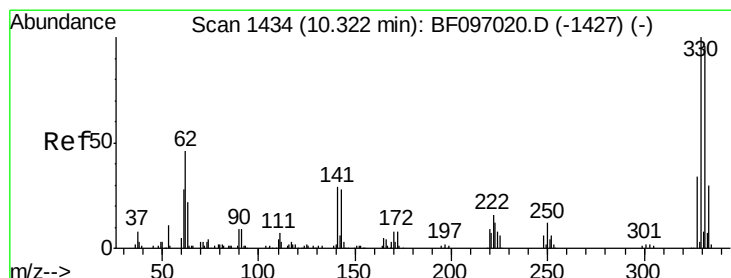
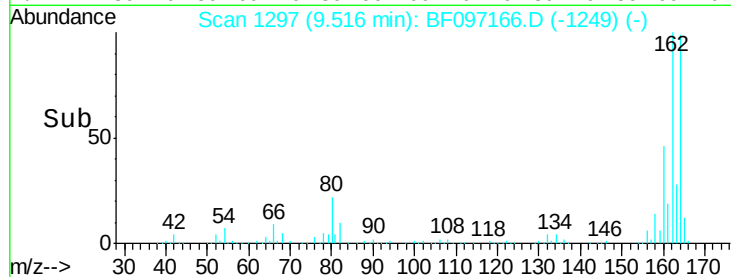
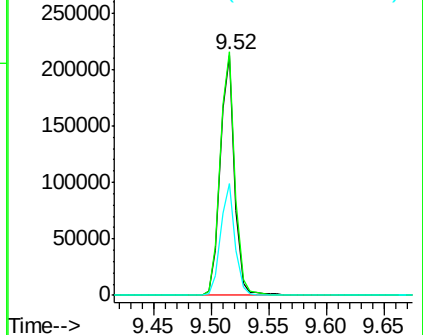
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097166.D
Acq: 28 Jul 2017 20:58

Instrument :
BNA_F
ClientSampleId :
OK-03-072617-A

Tot Ion:164 Resp: 183555
Ion Ratio Lower Upper
164 100
162 101.3 82.6 123.8
160 46.7 36.2 54.2

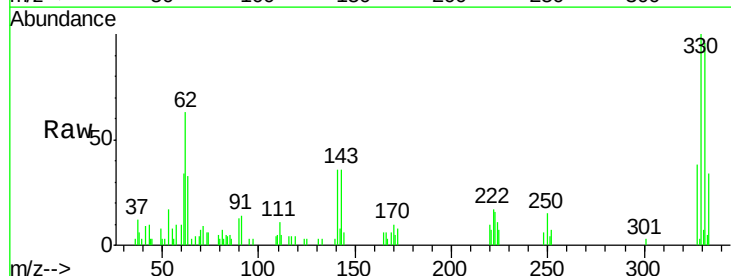


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

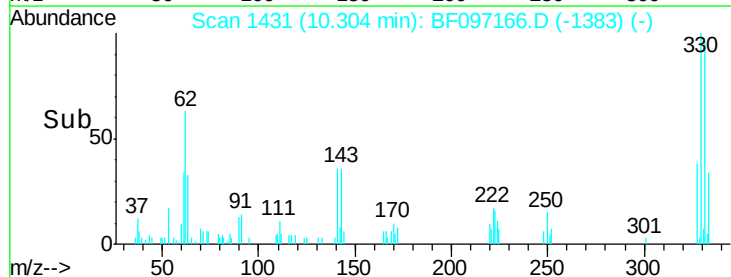
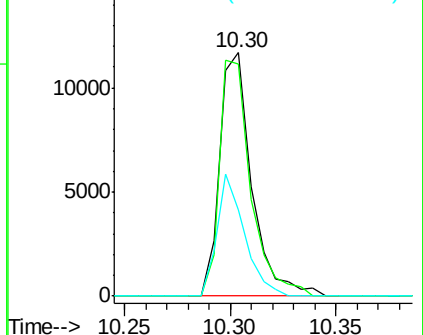


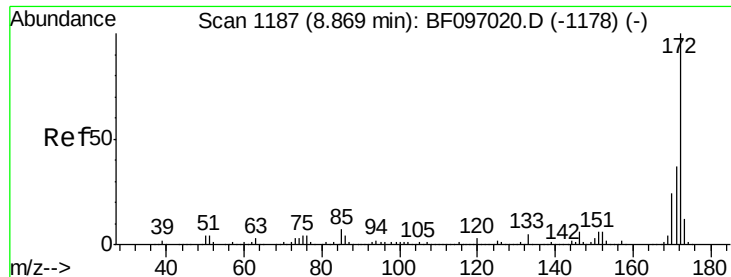
#41
2,4,6-Tribromophenol
Concen: 8.47 ng
RT: 10.30 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF097166.D
Acq: 28 Jul 2017 20:58

Tgt Ion:330 Resp: 12289
Ion Ratio Lower Upper
330 100
332 94.9 76.6 115.0
141 43.3 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

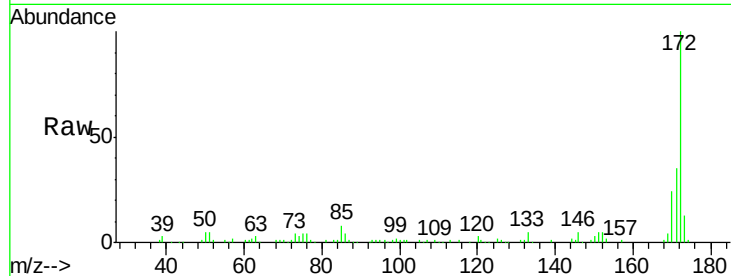




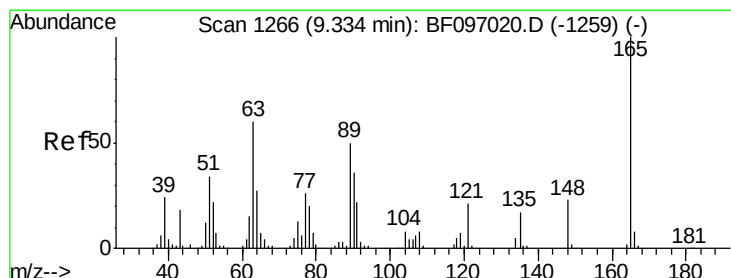
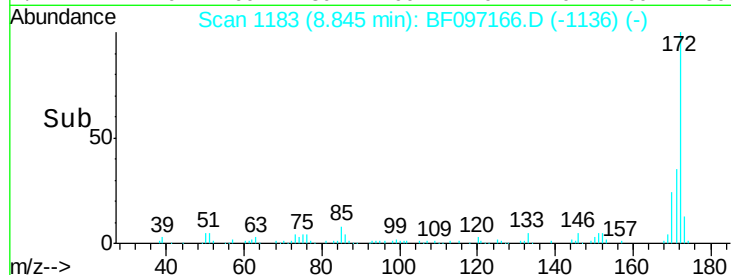
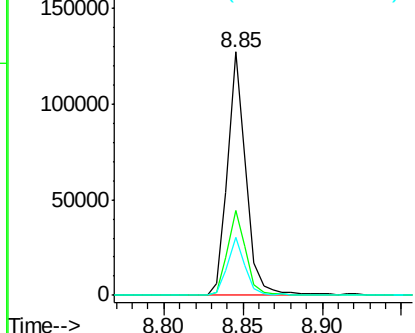
#44
 2-Fluorobiphenyl
 Concen: 9.52 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097166.D
 Acq: 28 Jul 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-072617-A

Tot Ion:172 Resp: 102934
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 23.6 19.8 29.8

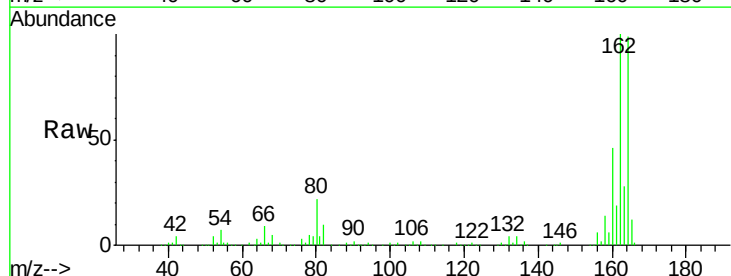


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

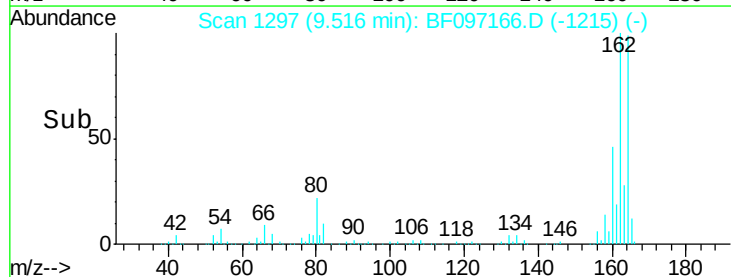
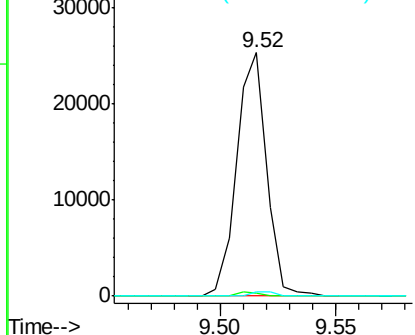


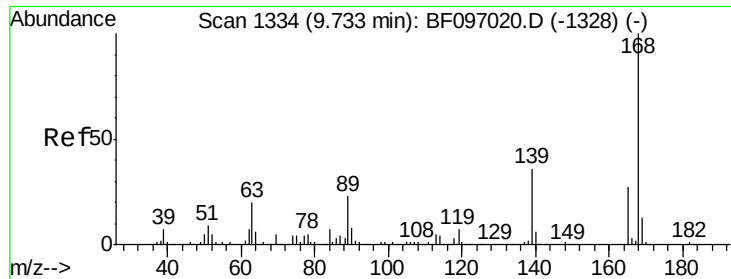
#50
 2,6-Dinitrotoluene
 Concen: 7.74 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. 0.18 min
 Lab File: BF097166.D
 Acq: 28 Jul 2017 20:58

Tgt Ion:165 Resp: 22887
 Ion Ratio Lower Upper
 165 100
 63 1.2 34.3 51.5#
 89 1.6 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: 6.73 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.22 min

Lab File: BF097166.D

Acq: 28 Jul 2017 20:58

Instrument :

BNA_F

ClientSampleId :

OK-03-072617-A

Tot Ion:165 Resp: 22887

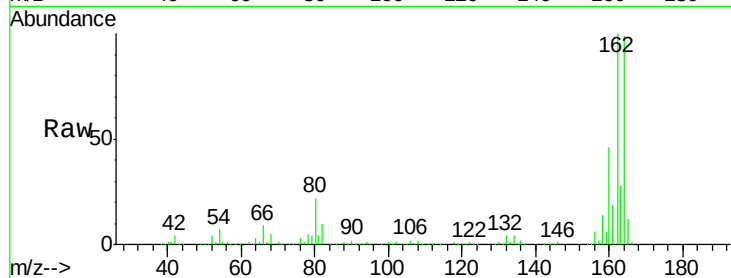
Ion Ratio Lower Upper

165 100

63 1.2 25.4 38.0#

89 1.6 46.4 69.6#

182 0.0 1.8 2.6#

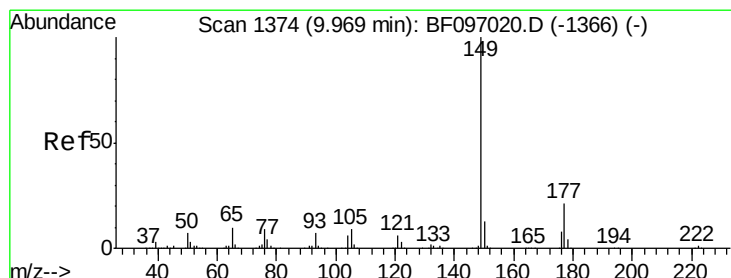
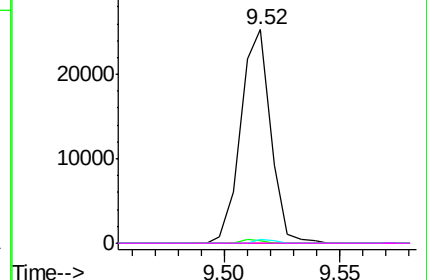
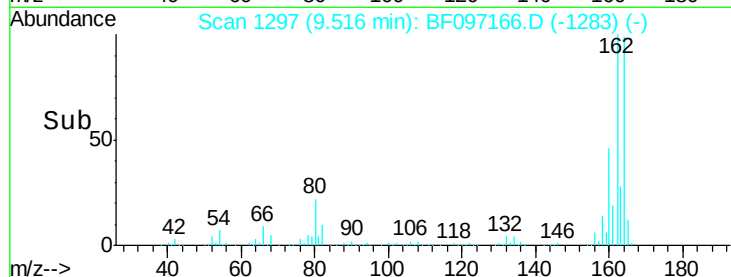


Abundance Ion 165.00 (164.70 to 165.70): E

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



#59

Diethylphthalate

Concen: 2.92 ng

RT: 9.95 min Scan# 1370

Delta R.T. -0.02 min

Lab File: BF097166.D

Acq: 28 Jul 2017 20:58

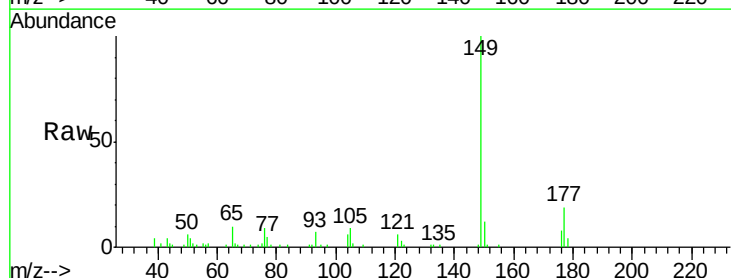
Tgt Ion:149 Resp: 37366

Ion Ratio Lower Upper

149 100

177 18.8 16.7 25.1

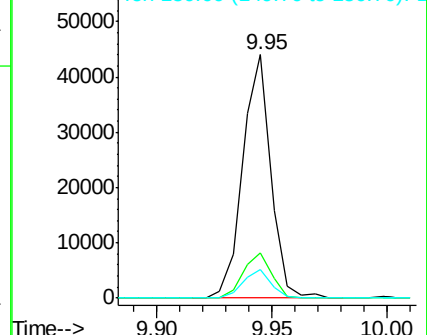
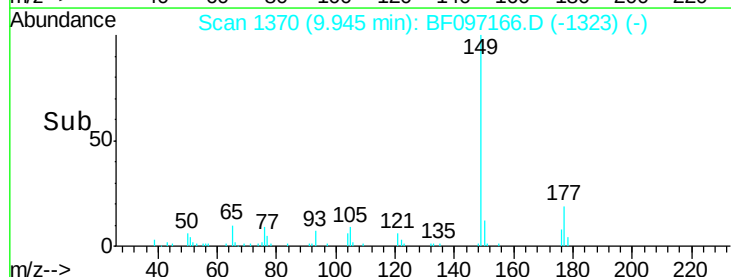
150 11.9 10.2 15.2

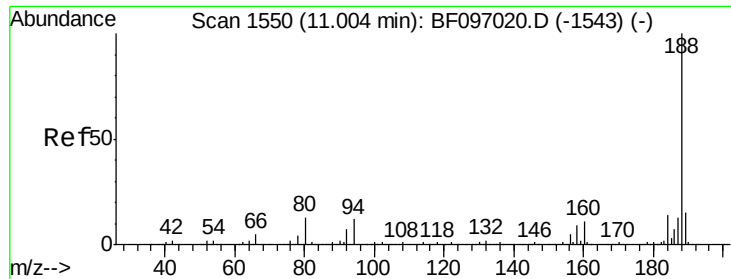


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

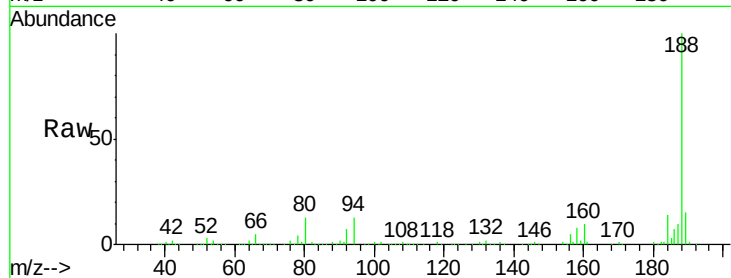




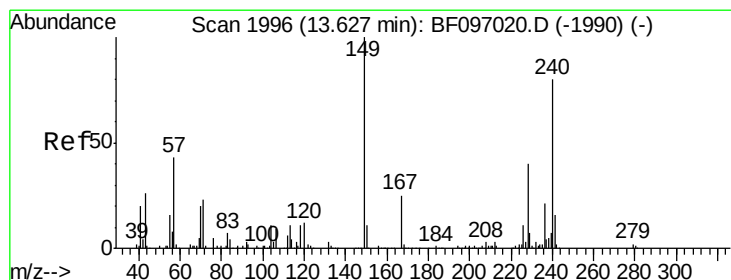
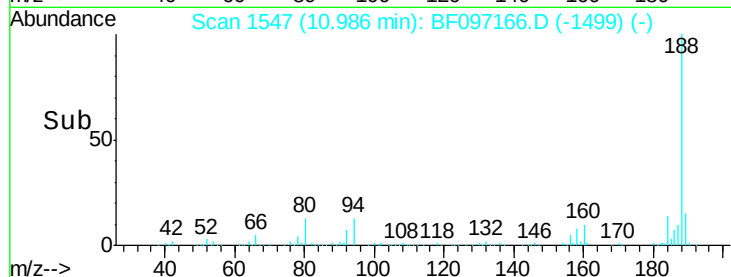
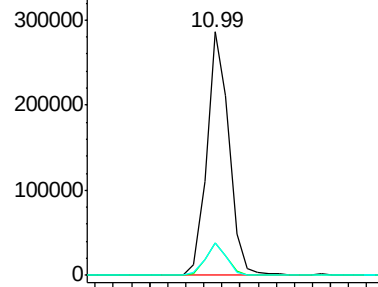
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097166.D
Acq: 28 Jul 2017 20:58

Instrument :
BNA_F
ClientSampleId :
OK-03-072617-A

Tot Ion	Ratio	Lower	Upper
188	100		
94	13.1	9.4	14.2
80	13.2	10.2	15.2

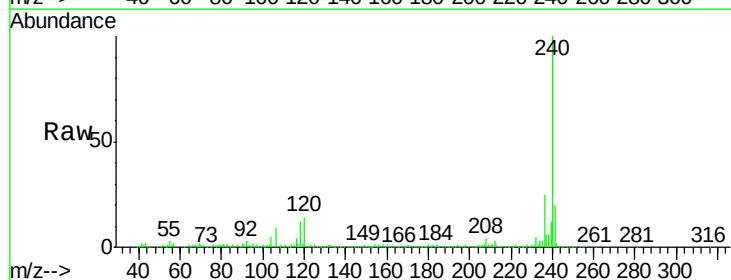


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

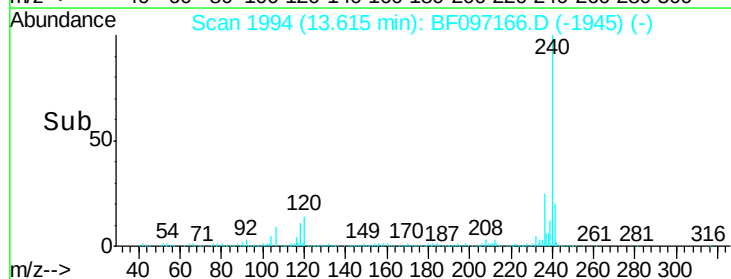
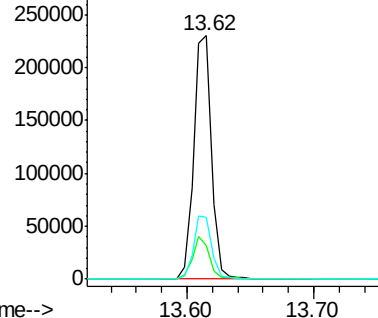


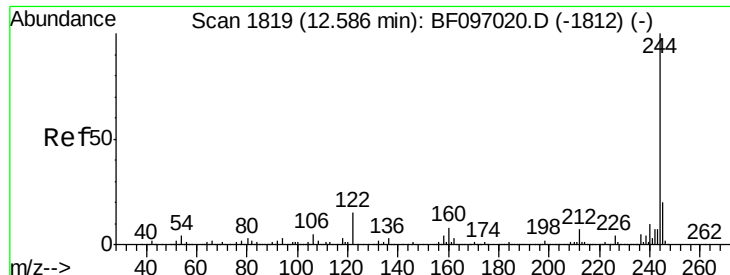
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097166.D
Acq: 28 Jul 2017 20:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.8	5.8	8.8#
236	25.5	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: 5.18 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097166.D

Acq: 28 Jul 2017 20:58

Instrument :

BNA_F

ClientSampleId :

OK-03-072617-A

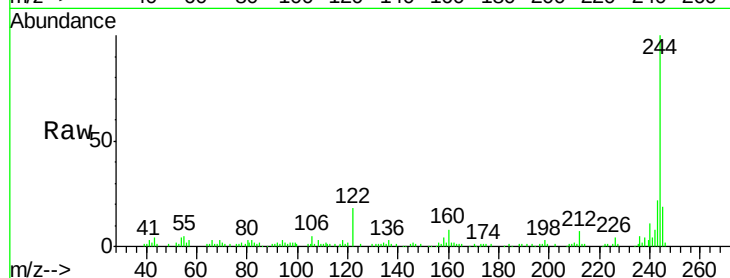
Tot Ion:244 Resp: 57507

Ion Ratio Lower Upper

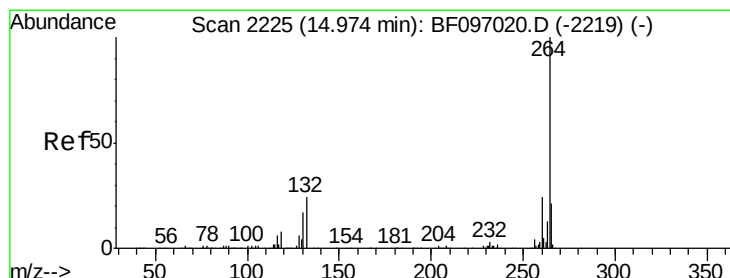
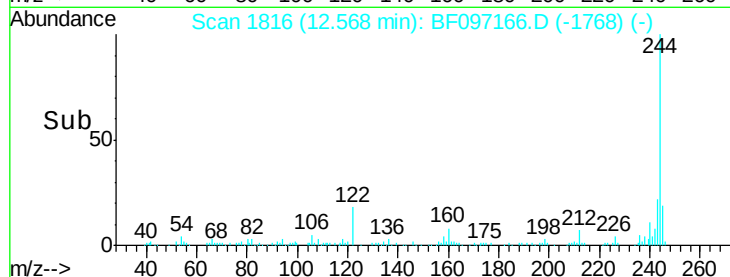
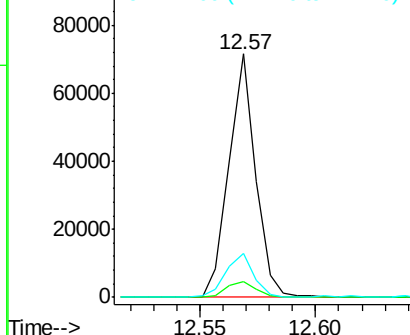
244 100

212 6.7 6.0 9.0

122 18.0 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: 14.96 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097166.D

Acq: 28 Jul 2017 20:58

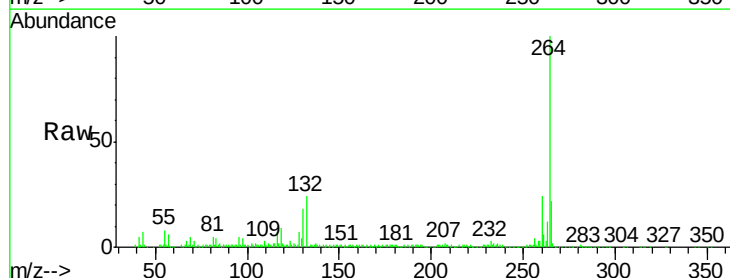
Tgt Ion:264 Resp: 163720

Ion Ratio Lower Upper

264 100

260 23.9 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

