

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
 Data File : BF097164.D
 Acq On : 28 Jul 2017 20:03
 Operator : SJ/JU
 Sample : I4465-04 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jul 28 22:43:15 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

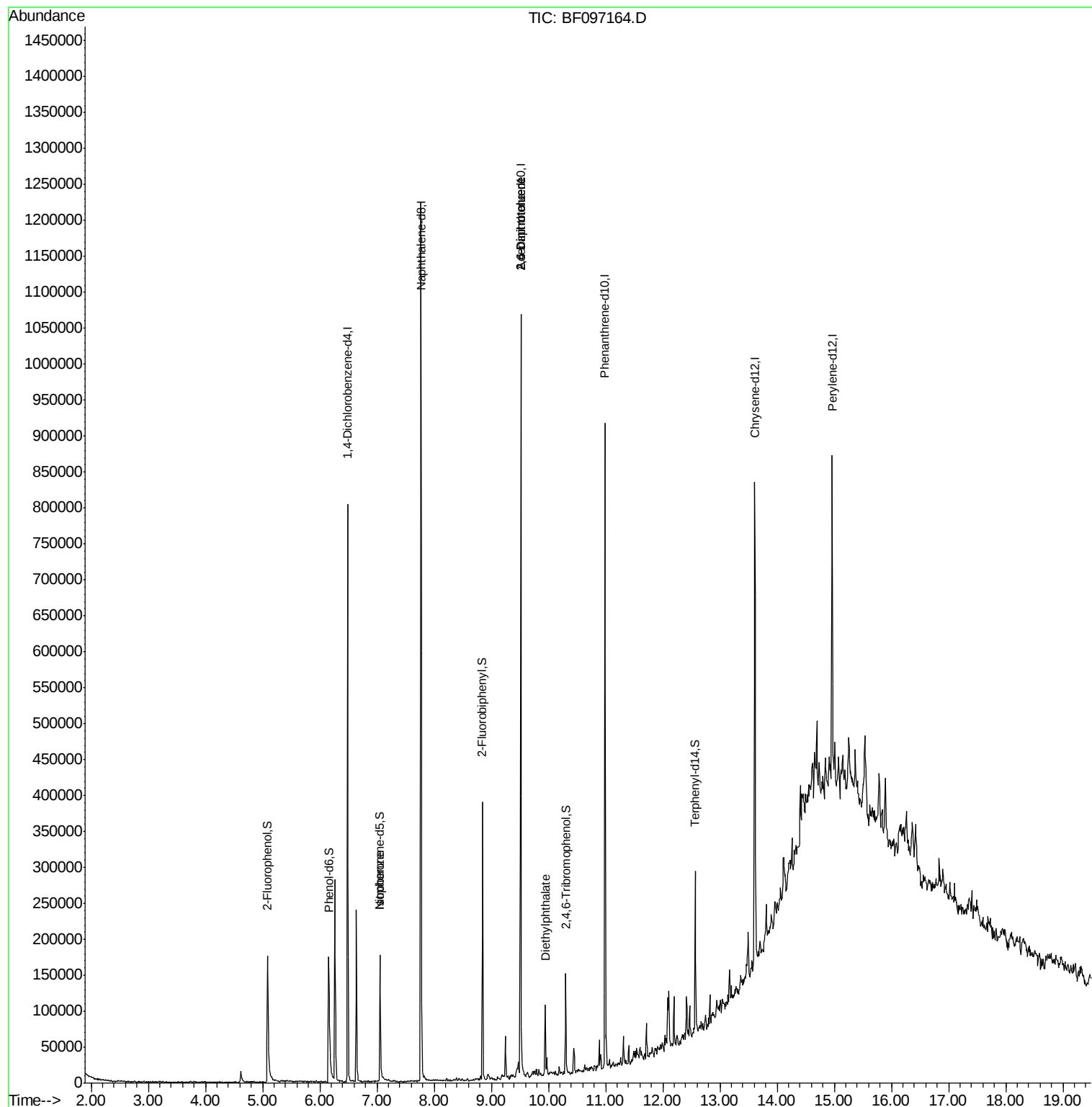
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	118571	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	512354	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	212921	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	302038	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	221358	20.00	ng	-0.02
86) Perylene-d12	14.96	264	181049	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	74626	9.49	ng	-0.02
7) Phenol-d6	6.16	99	101626	11.32	ng	-0.01
23) Nitrobenzene-d5	7.05	82	60147	6.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	13819	8.21	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	103639	8.26	ng	-0.02
78) Terphenyl-d14	12.57	244	60355	5.56	ng	-0.02
Target Compounds						
25) Isophorone	7.05	82	60146	3.52	ng	# 67
50) 2,6-Dinitrotoluene	9.52	165	26621	7.76	ng	# 33
56) 2,4-Dinitrotoluene	9.52	165	26621	6.75	ng	# 33
59) Diethylphthalate	9.95	149	38568	2.60	ng	98

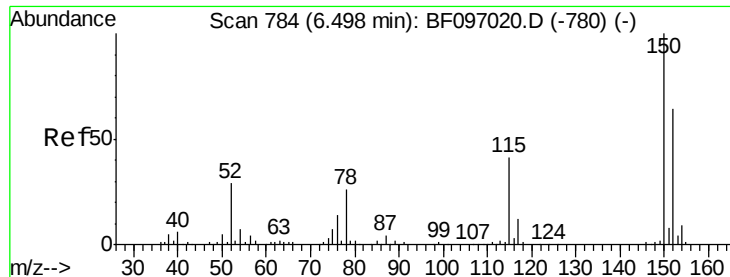
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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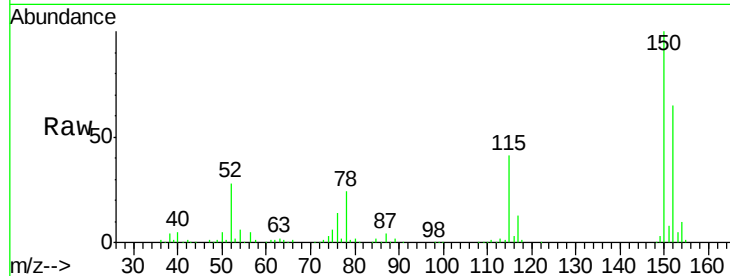


#1

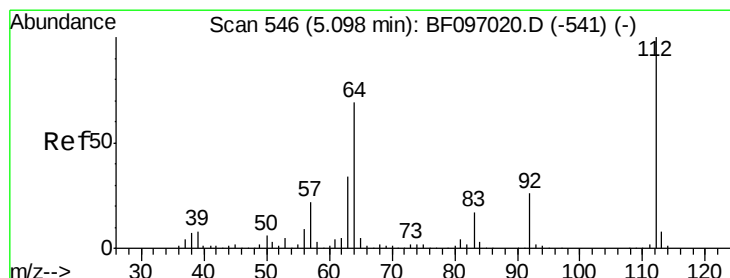
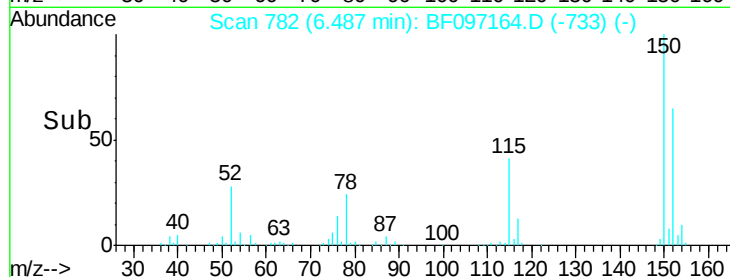
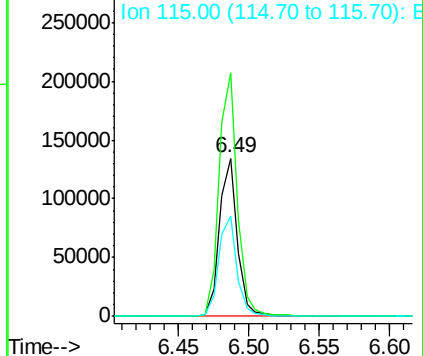
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

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

Tot Ion:152 Resp: 118571
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.2
115 63.3 52.2 78.2



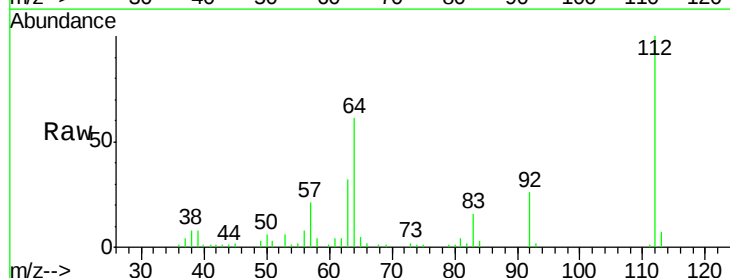
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



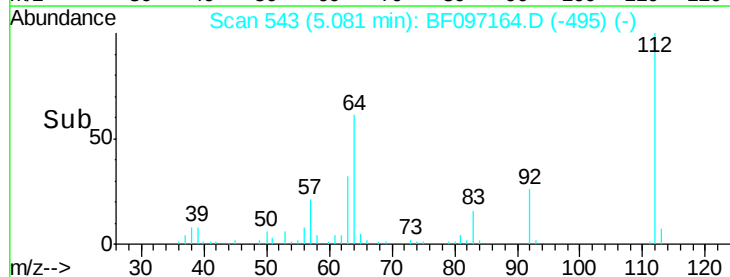
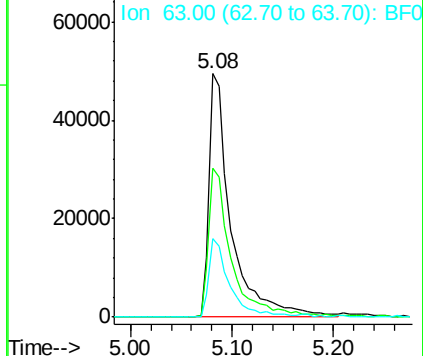
#5

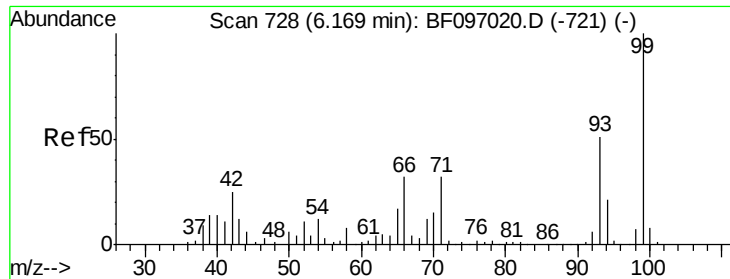
2-Fluorophenol
Concen: 9.49 ng
RT: 5.08 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

Tgt Ion:112 Resp: 74626
Ion Ratio Lower Upper
112 100
64 61.0 46.0 69.0
63 32.4 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: 11.32 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097164.D

Acq: 28 Jul 2017 20:03

Instrument :

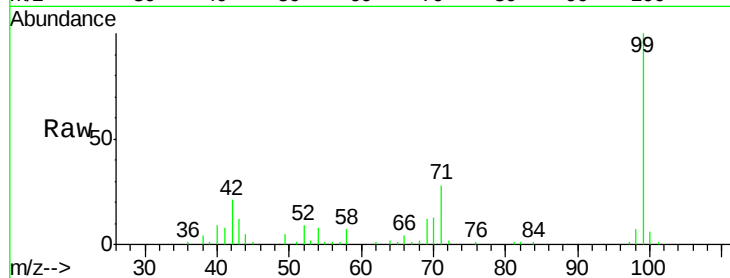
BNA_F

ClientSampleId :

OK-03-072617-B

Tot Ion: 99 Resp: 101626

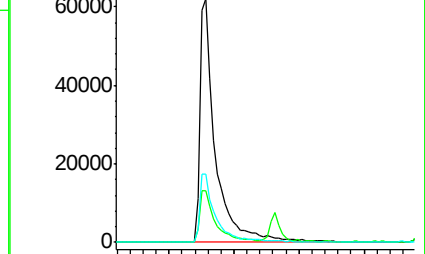
Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.5	20.3#
71	27.9	24.5	36.7



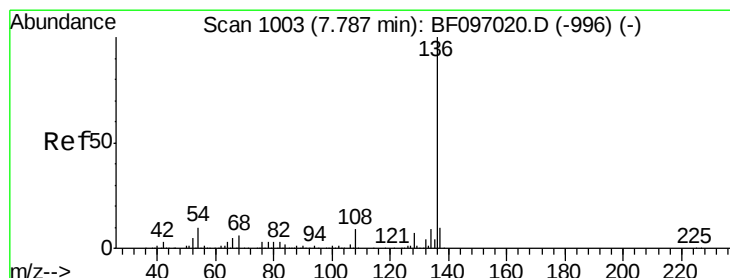
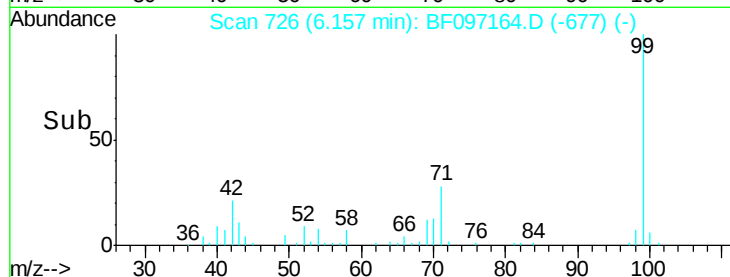
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 1000

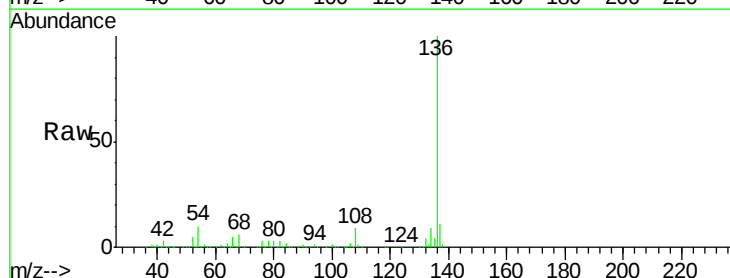
Delta R.T. -0.02 min

Lab File: BF097164.D

Acq: 28 Jul 2017 20:03

Tgt Ion:136 Resp: 512354

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.4	4.9	7.3#
68	6.0	4.1	6.1

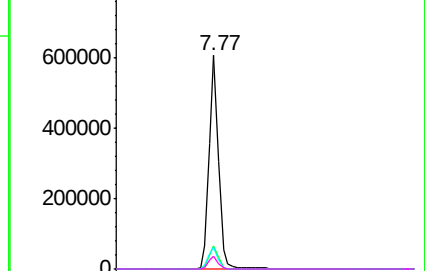


Abundance Ion 136.00 (135.70 to 136.70): E

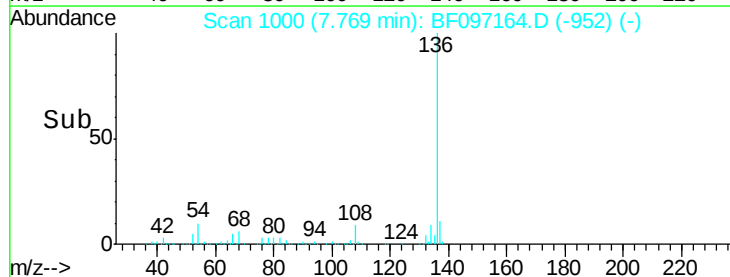
Ion 137.00 (136.70 to 137.70): E

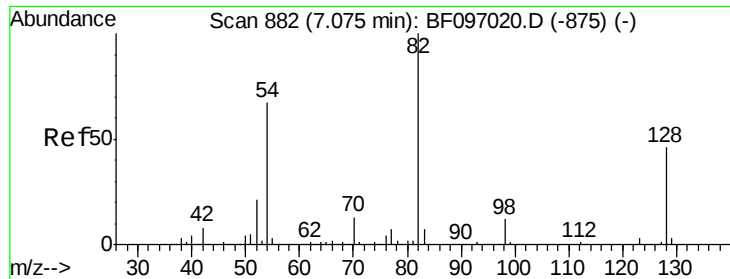
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->

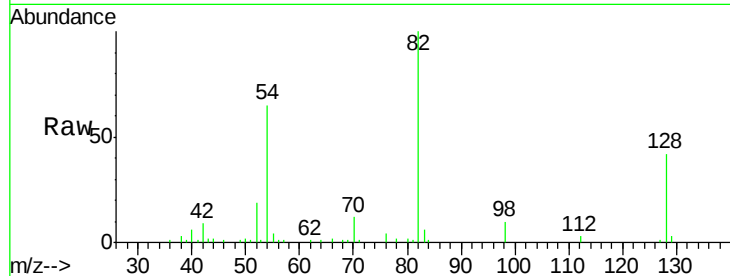




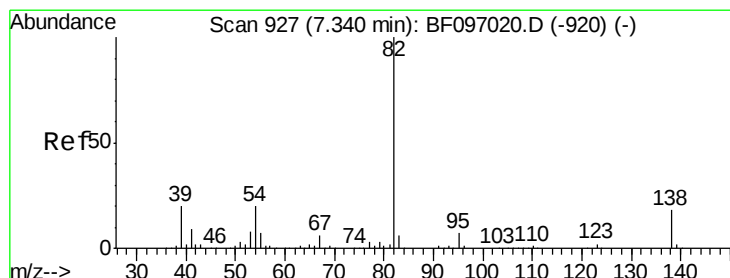
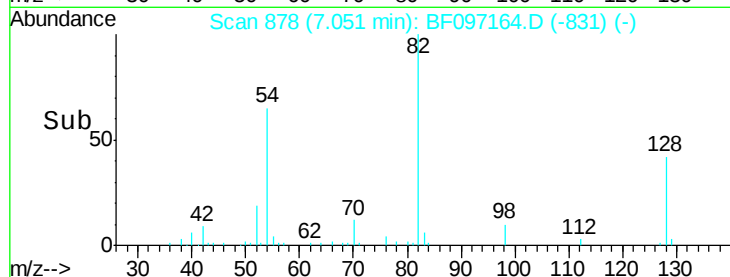
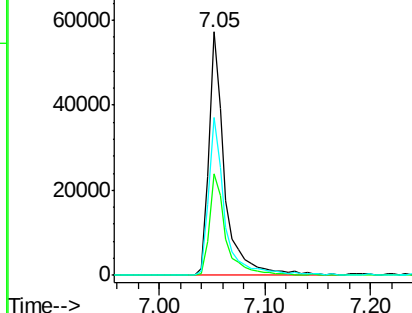
#23
Nitrobenzene-d5
Concen: 6.89 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

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

Tot Ion: 82 Resp: 60147
Ion Ratio Lower Upper
82 100
128 41.8 34.0 51.0
54 64.9 42.2 63.2#

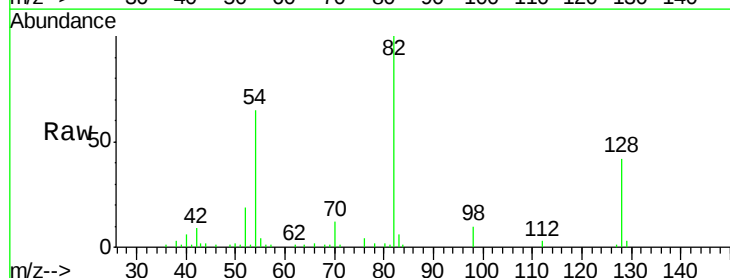


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

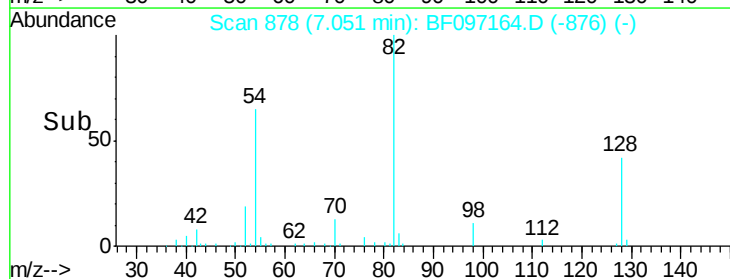
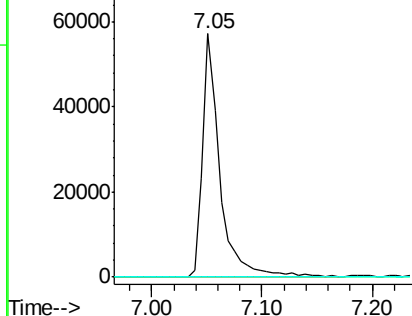


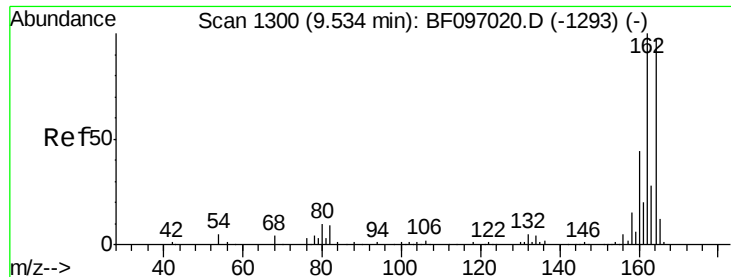
#25
Isophorone
Concen: 3.52 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

Tgt Ion: 82 Resp: 60146
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: 20.00 ng

RT: 9.52 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF097164.D

Acq: 28 Jul 2017 20:03

Instrument :

BNA_F

ClientSampleId :

OK-03-072617-B

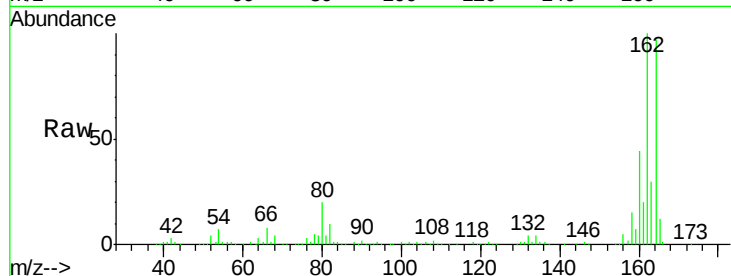
Tot Ion:164 Resp: 212921

Ion Ratio Lower Upper

164 100

162 103.2 82.6 123.8

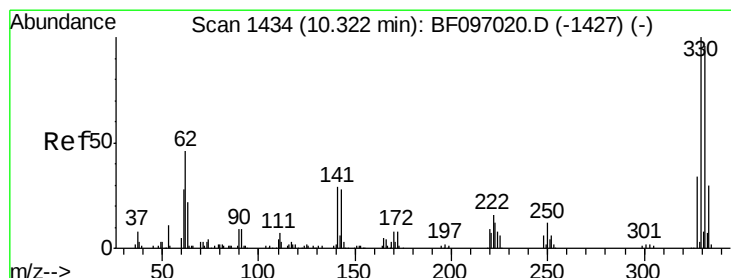
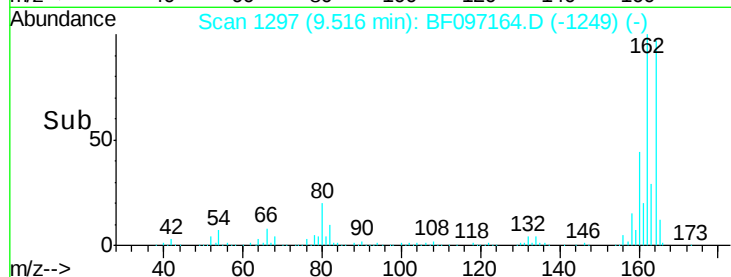
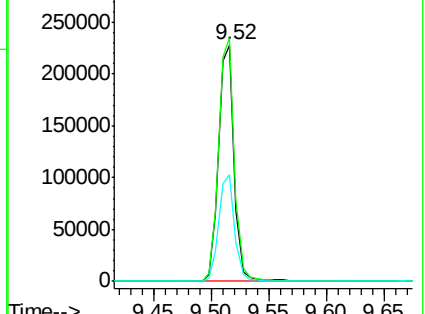
160 45.4 36.2 54.2



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: 8.21 ng

RT: 10.30 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF097164.D

Acq: 28 Jul 2017 20:03

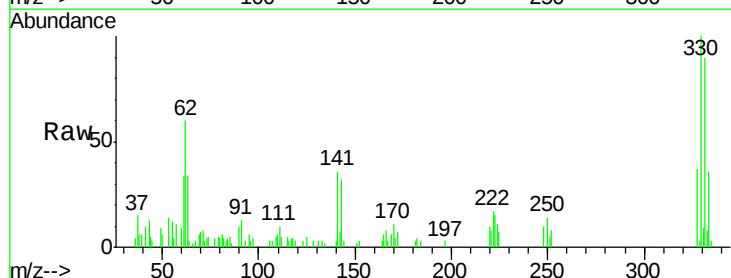
Tgt Ion:330 Resp: 13819

Ion Ratio Lower Upper

330 100

332 90.3 76.6 115.0

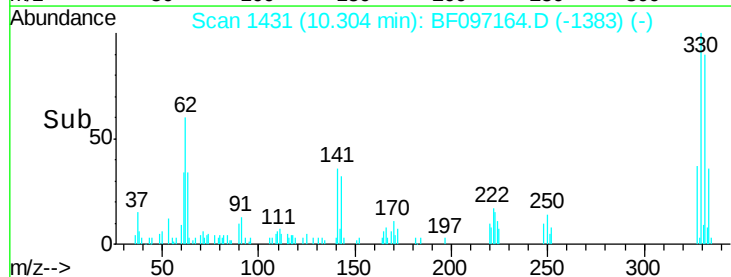
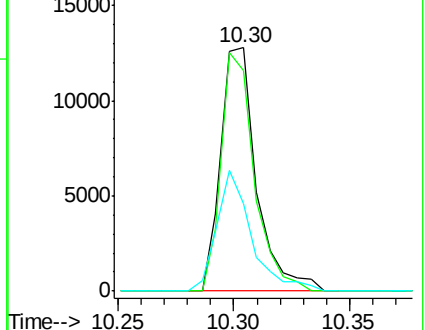
141 47.9 31.4 47.2#

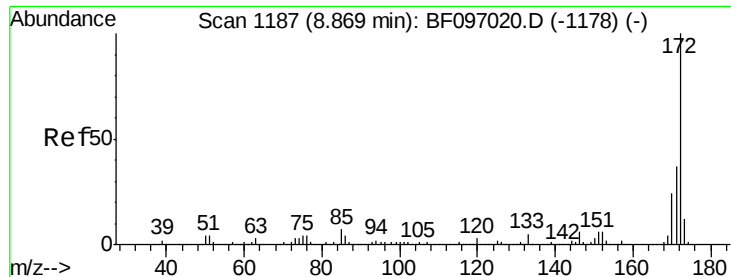


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

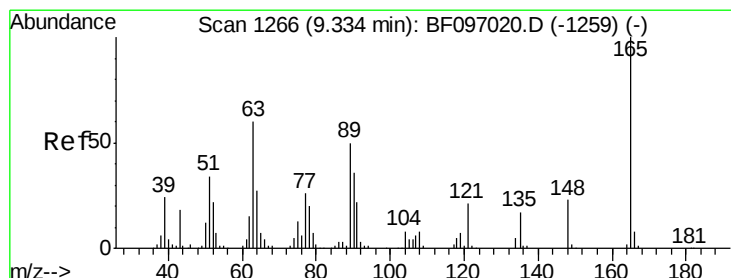
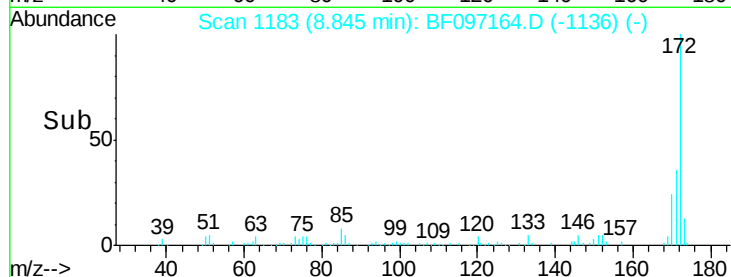
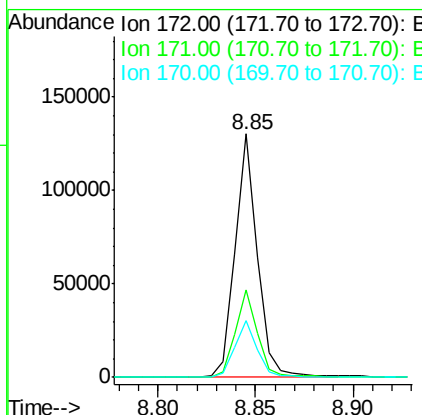
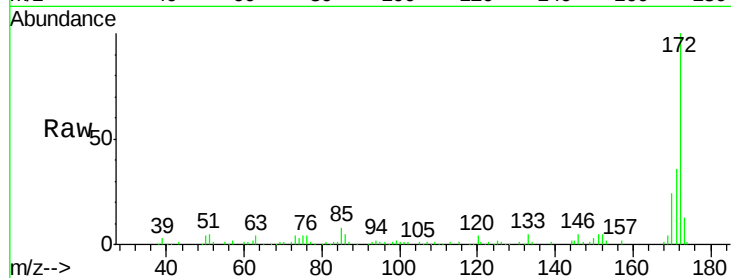




#44
2-Fluorobiphenyl
Concen: 8.26 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

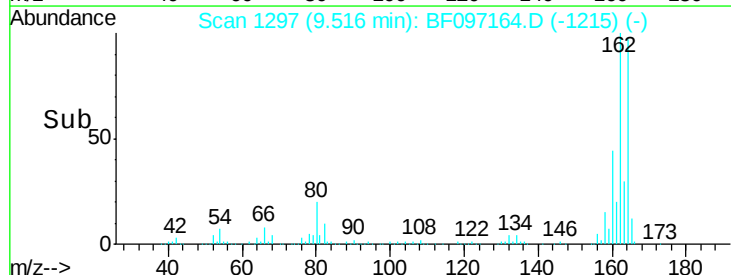
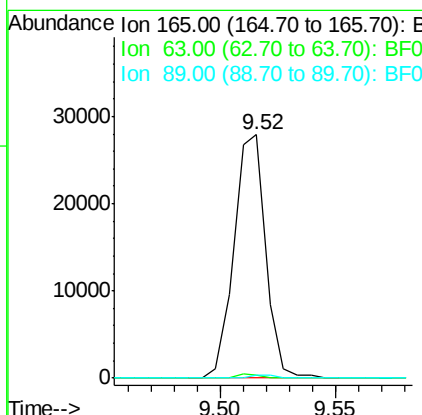
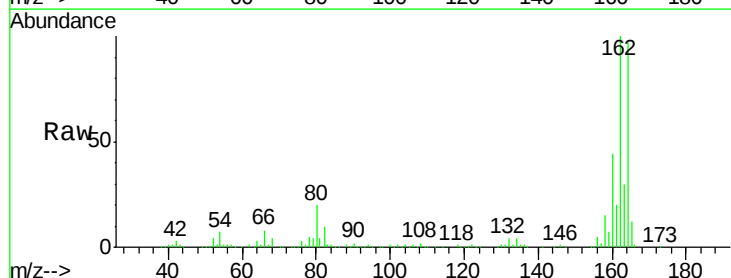
Instrument :
BNA_F
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OK-03-072617-B

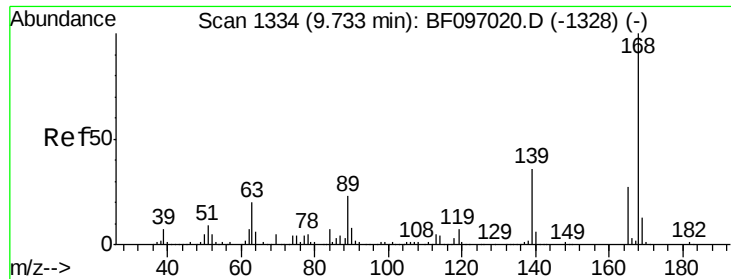
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.5	19.8	29.8



#50
2,6-Dinitrotoluene
Concen: 7.76 ng
RT: 9.52 min Scan# 1297
Delta R.T. 0.18 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	34.3	51.5#
89	1.1	37.1	55.7#

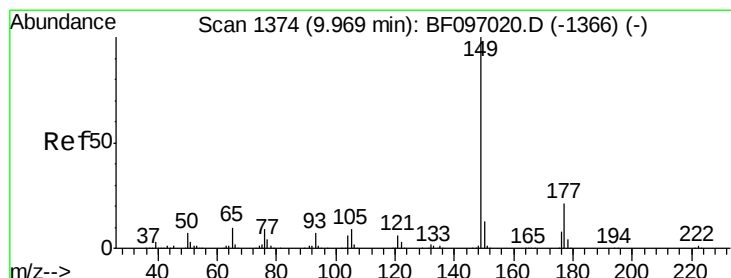
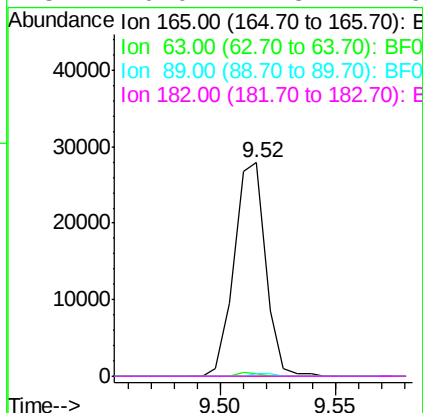
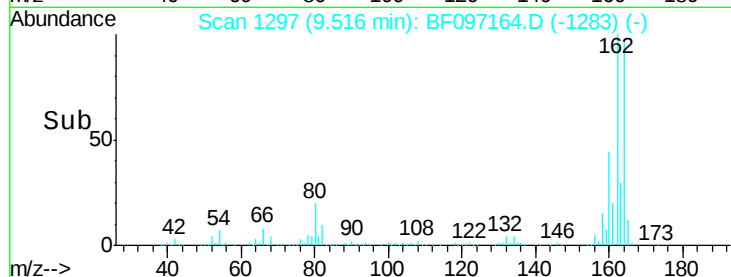
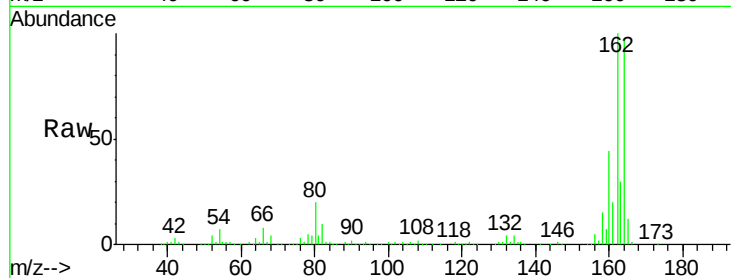




#56
 2,4-Dinitrotoluene
 Concen: 6.75 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.22 min
 Lab File: BF097164.D
 Acq: 28 Jul 2017 20:03

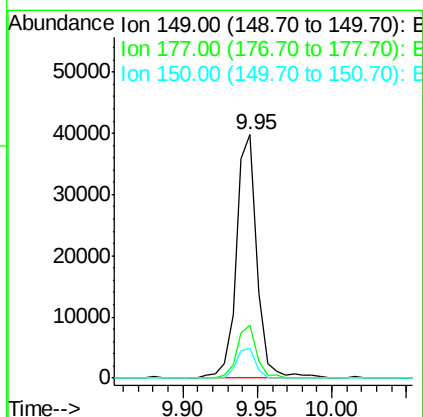
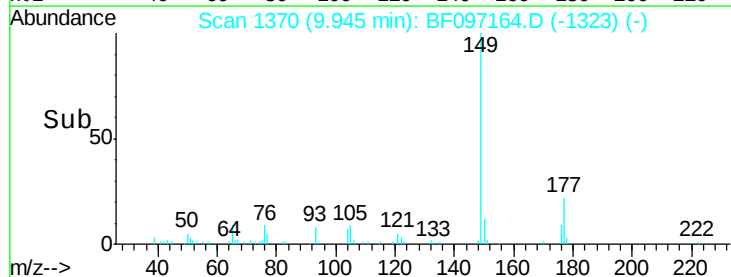
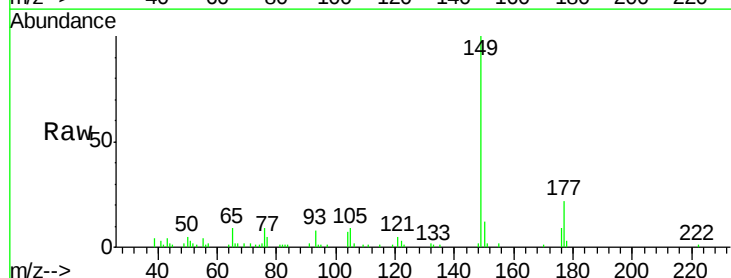
Instrument :
 BNA_F
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 OK-03-072617-B

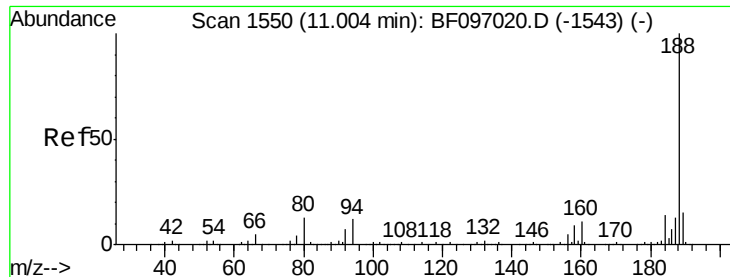
Tot Ion:165 Resp: 26621
 Ion Ratio Lower Upper
 165 100
 63 1.3 25.4 38.0#
 89 1.1 46.4 69.6#
 182 0.0 1.8 2.6#



#59
 Diethylphthalate
 Concen: 2.60 ng
 RT: 9.95 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF097164.D
 Acq: 28 Jul 2017 20:03

Tgt Ion:149 Resp: 38568
 Ion Ratio Lower Upper
 149 100
 177 21.8 16.7 25.1
 150 12.0 10.2 15.2

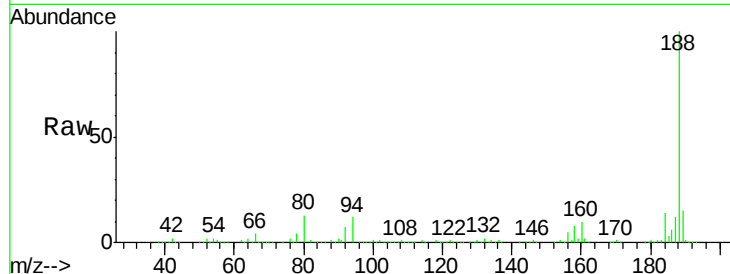




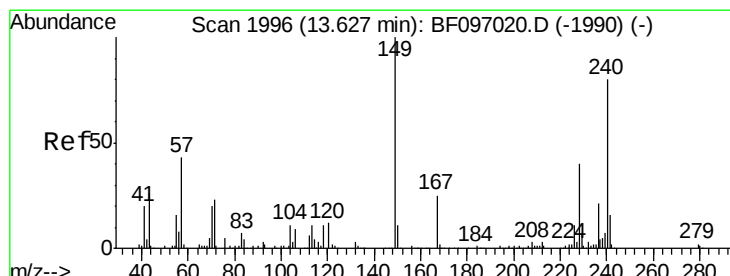
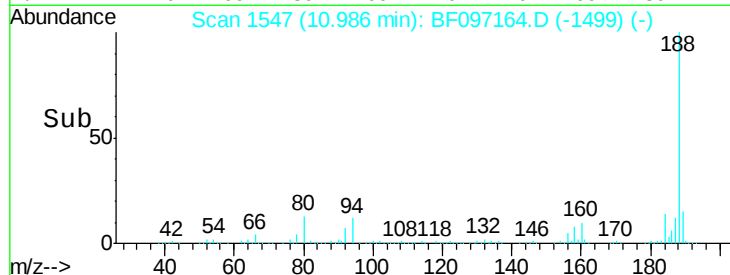
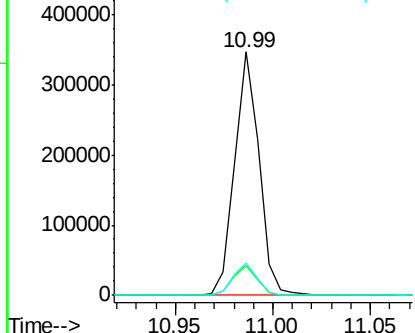
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

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

Tot Ion:188 Resp: 302038
Ion Ratio Lower Upper
188 100
94 12.4 9.4 14.2
80 13.1 10.2 15.2

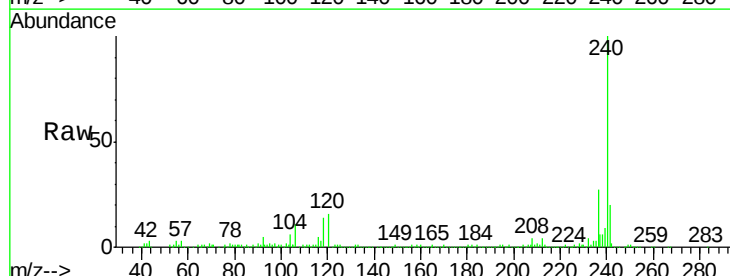


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

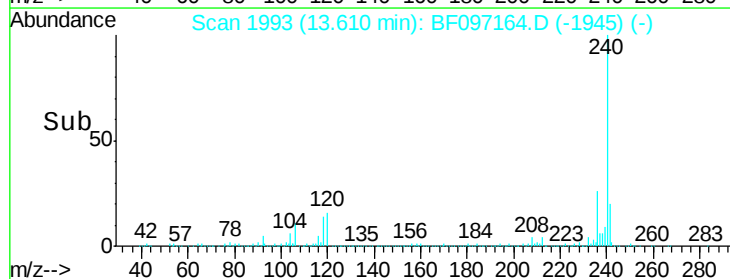
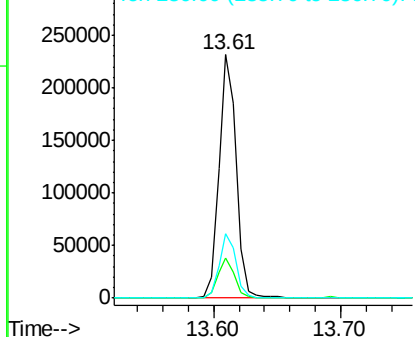


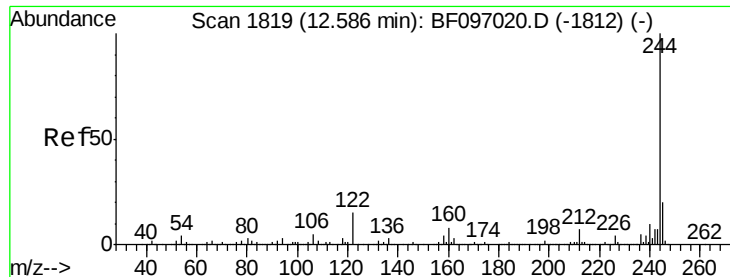
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

Tgt Ion:240 Resp: 221358
Ion Ratio Lower Upper
240 100
120 16.4 5.8 8.8#
236 26.7 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

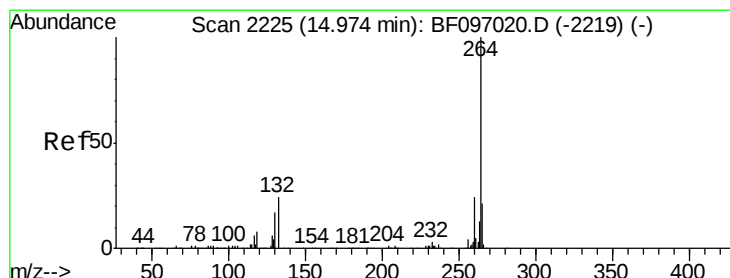
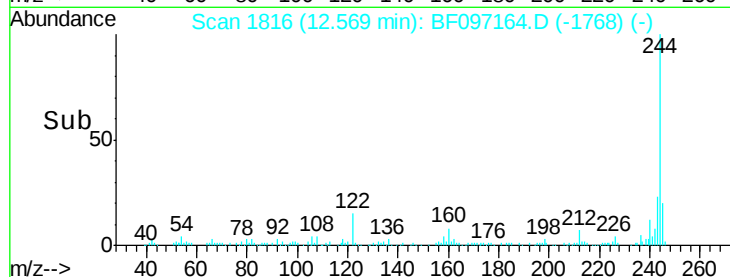
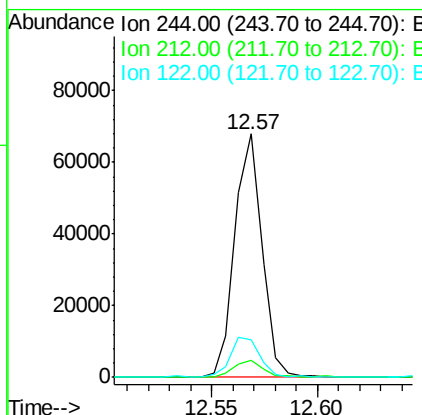
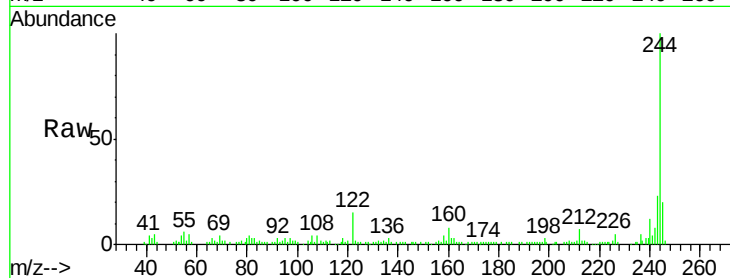




#78
 Terphenyl-d14
 Concen: 5.56 ng
 RT: 12.57 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF097164.D
 Acq: 28 Jul 2017 20:03

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

Tot Ion:244 Resp: 60355
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 15.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF097164.D
 Acq: 28 Jul 2017 20:03

Tgt Ion:264 Resp: 181049
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.2 17.2 25.8

