

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 23:13:45 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

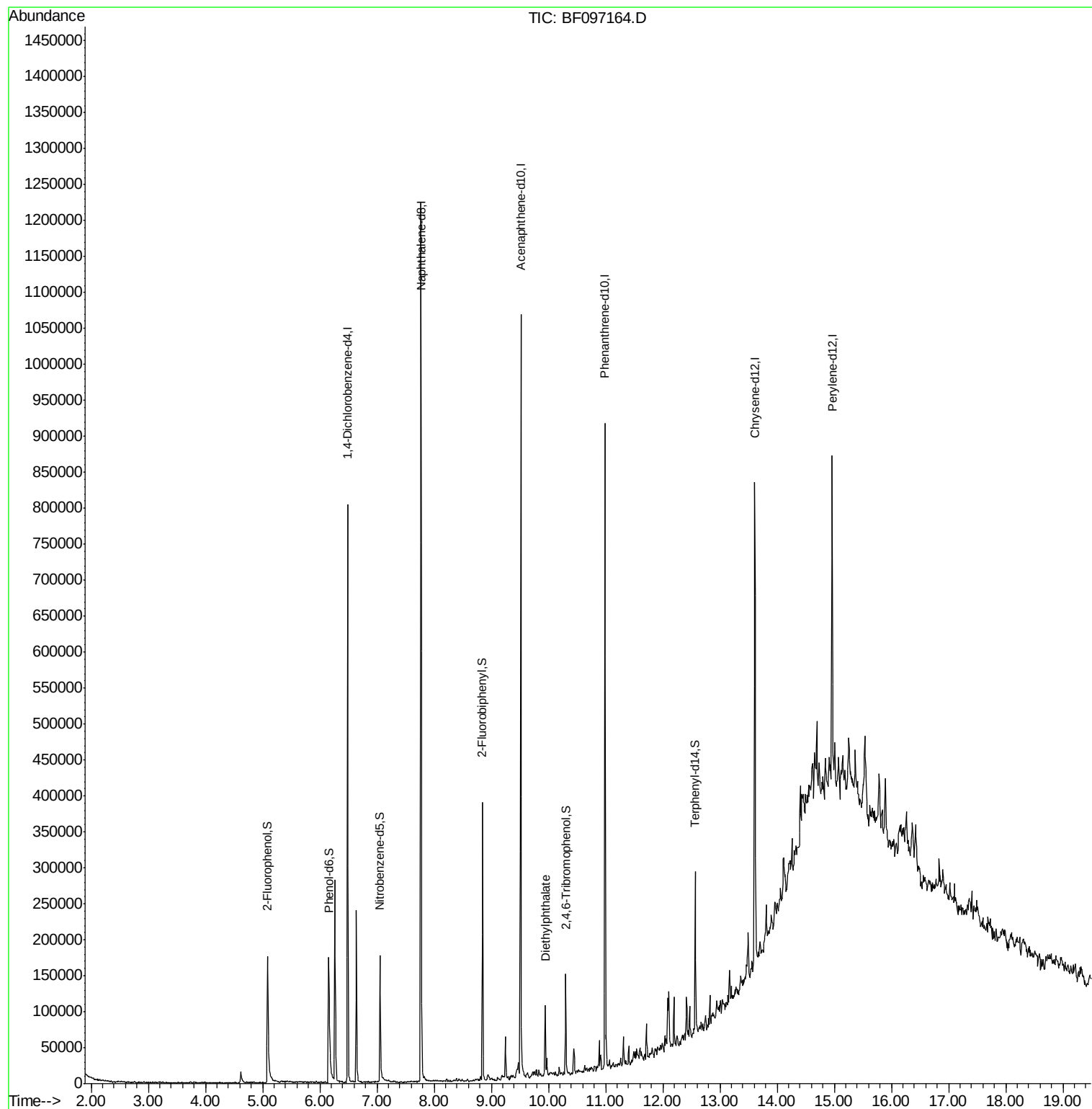
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	118571	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	512354	20.00	ng	-0.02
38) Acenaphthene-d10	9.52	164	212921	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	302038	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	221358	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						Qvalue
59) Diethylphthalate	9.95	149	38568	2.600	ng	98

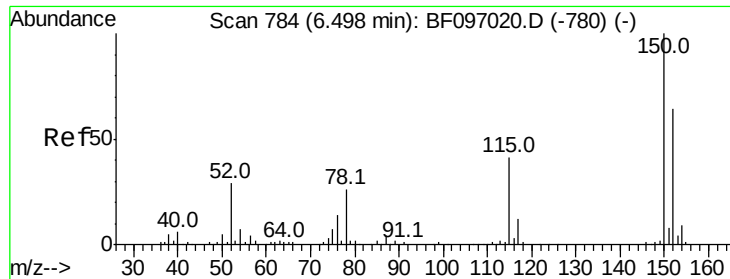
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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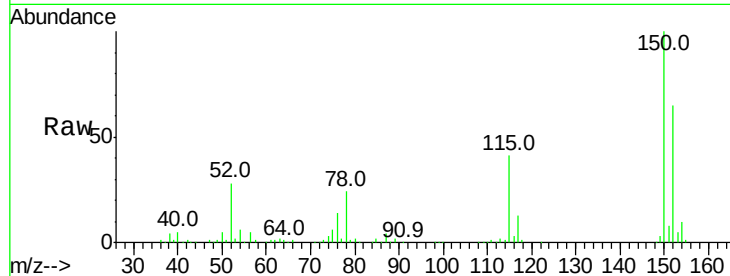


#1

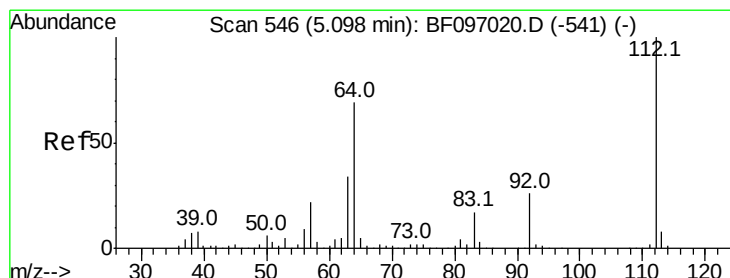
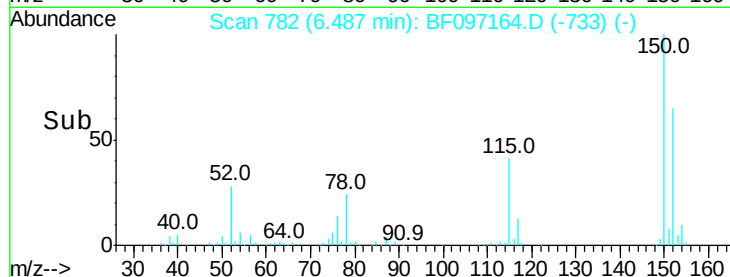
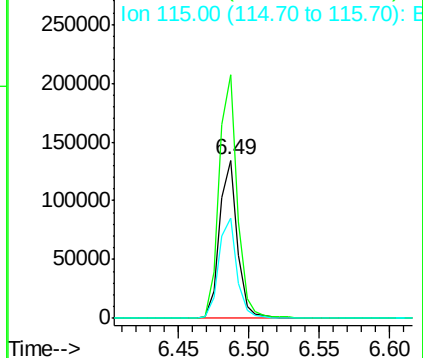
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

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



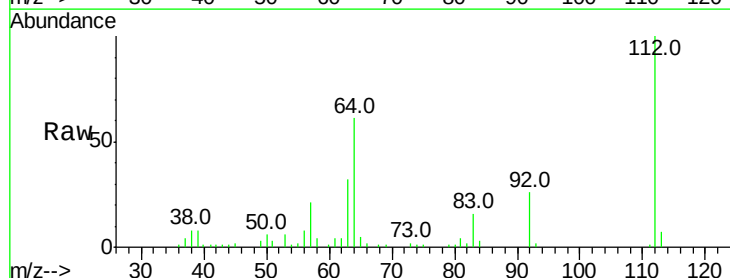
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



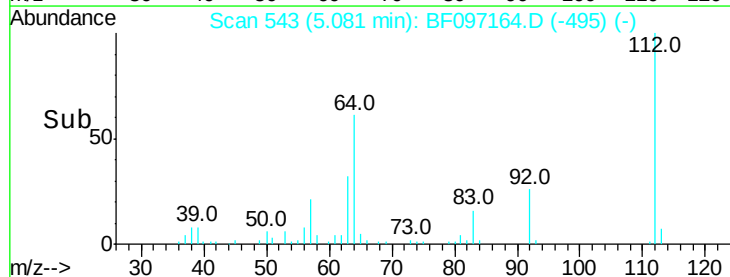
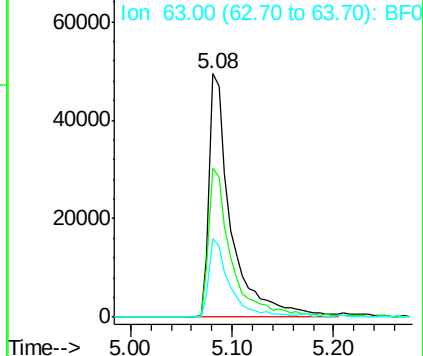
#5

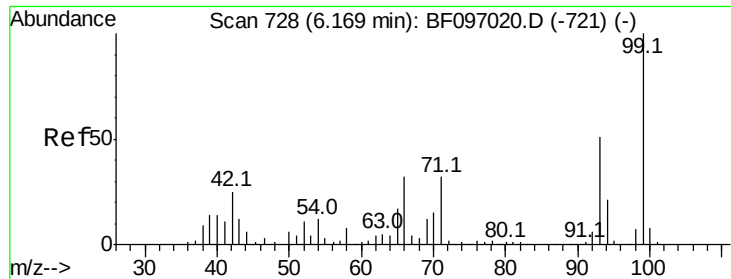
2-Fluorophenol
Concen: 9.488 ng
RT: 5.08 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

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: 11.318 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF097164.D

Acq: 28 Jul 2017 20:03

Instrument :

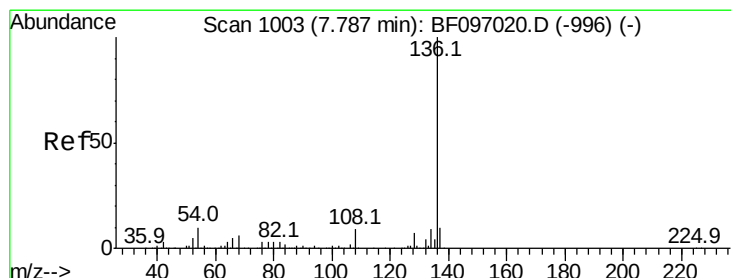
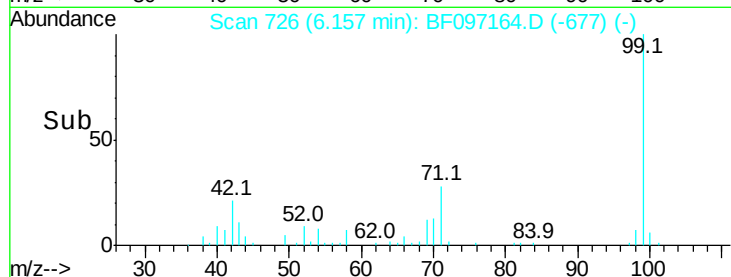
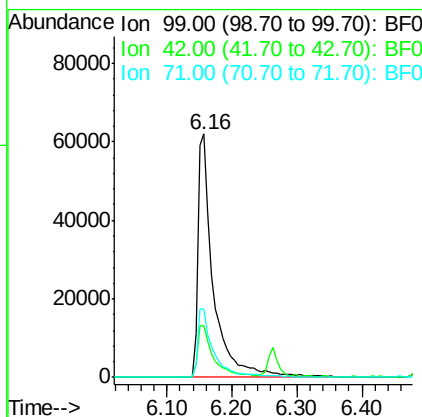
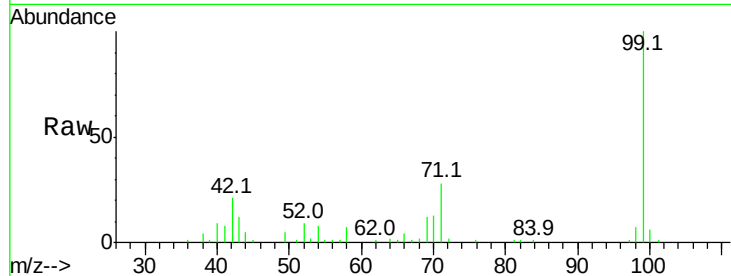
BNA_F

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.77 min Scan# 1000

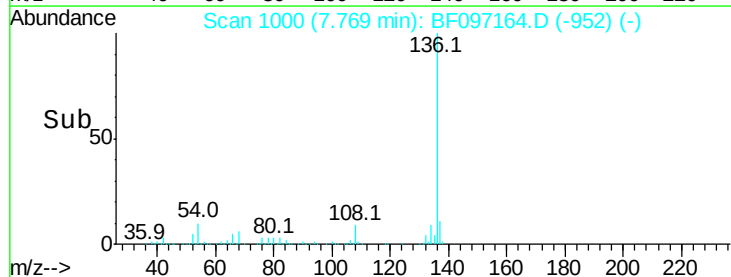
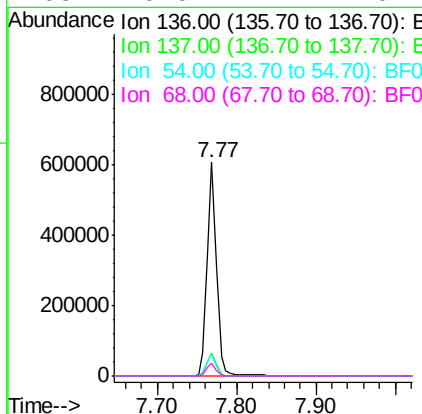
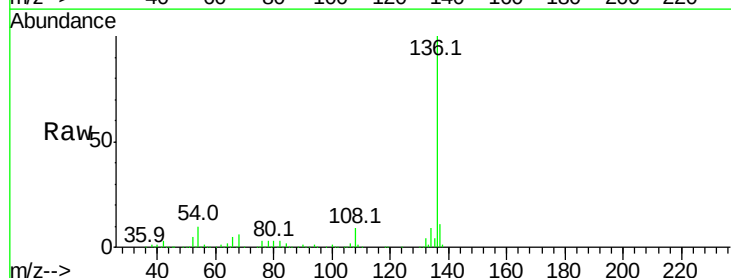
Delta R.T. -0.02 min

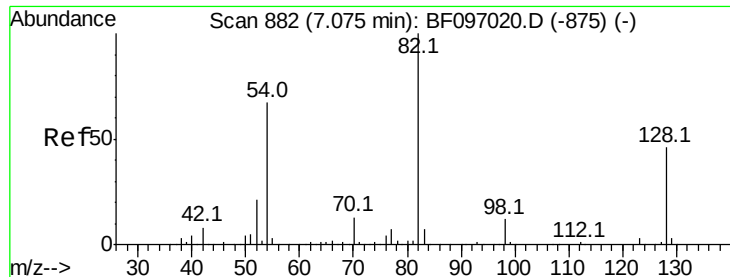
Lab File: BF097164.D

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

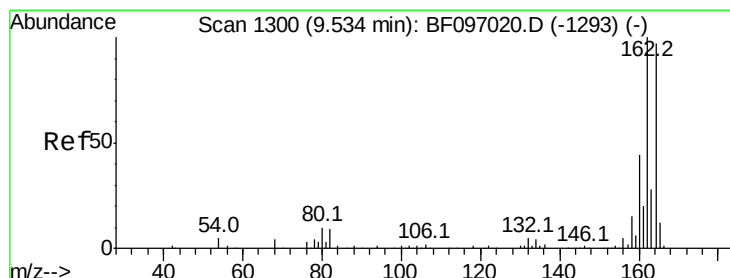
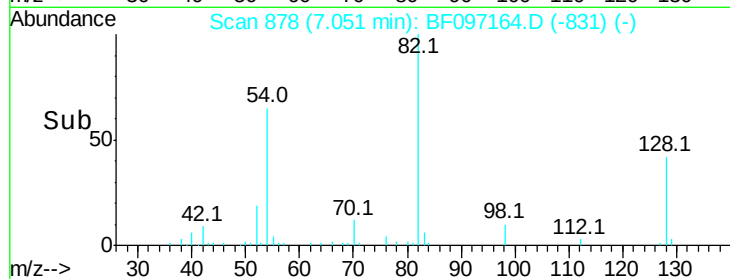
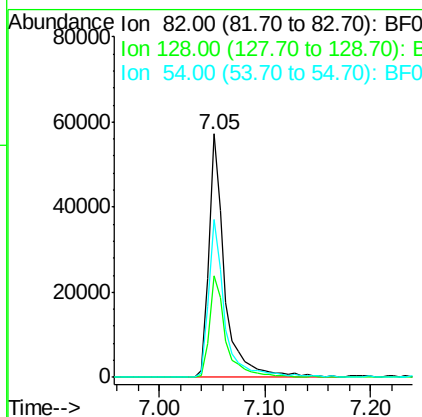
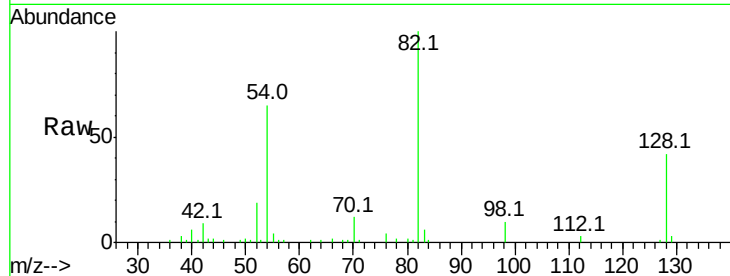




#23
 Nitrobenzene-d5
 Concen: 6.887 ng
 RT: 7.05 min Scan# 878
 Delta R.T. -0.02 min
 Lab File: BF097164.D
 Acq: 28 Jul 2017 20:03

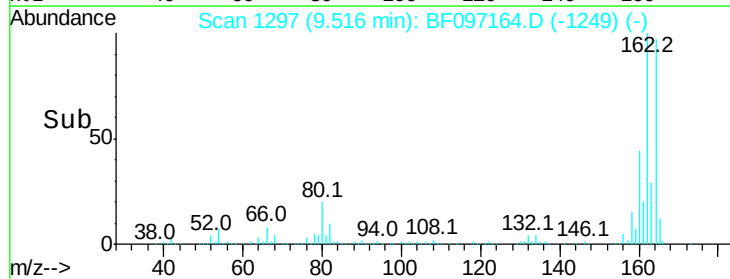
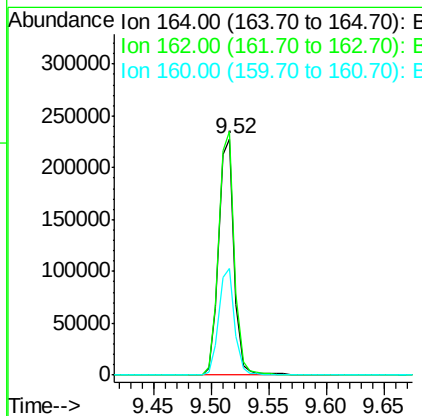
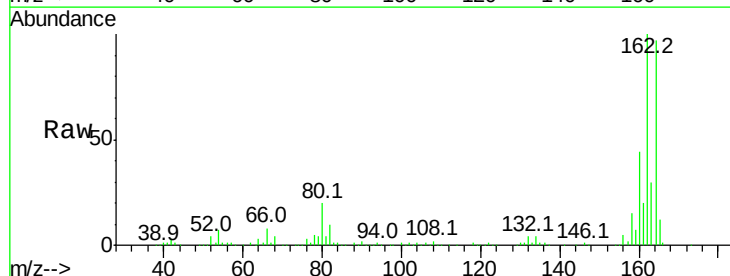
Instrument :
 BNA_F
 ClientSampleId :
 OK-03-072617-B

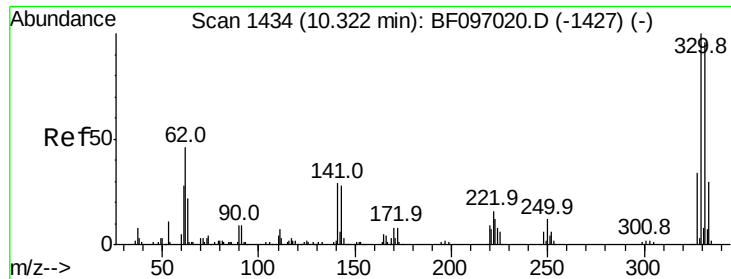
Tot Ion: 82 Resp: 60147
 Ion Ratio Lower Upper
 82 100
 128 41.8 34.0 51.0
 54 64.9 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.52 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF097164.D
 Acq: 28 Jul 2017 20:03

Tgt Ion:164 Resp: 212921
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 45.4 36.2 54.2

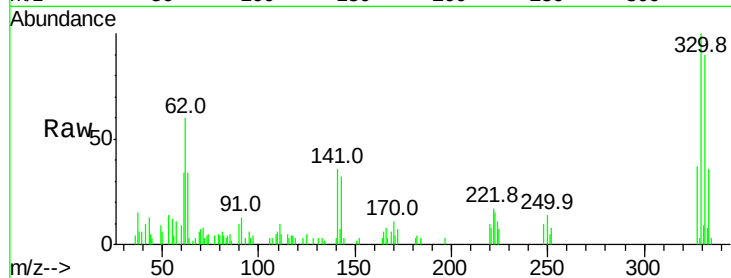




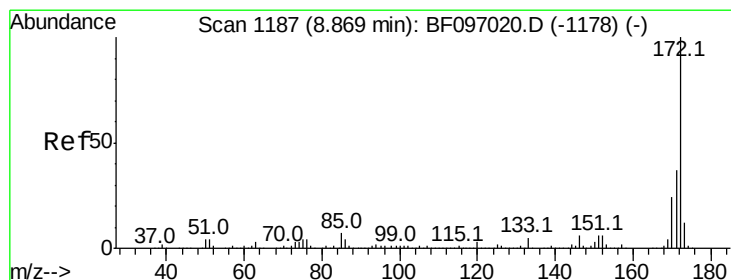
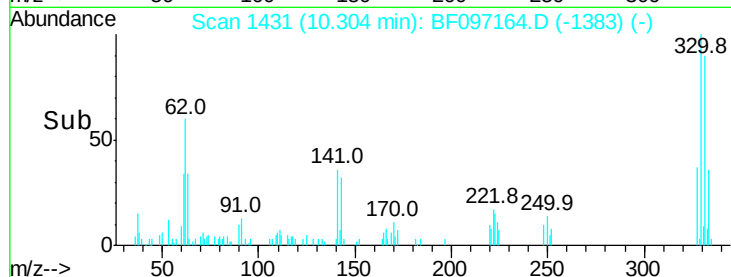
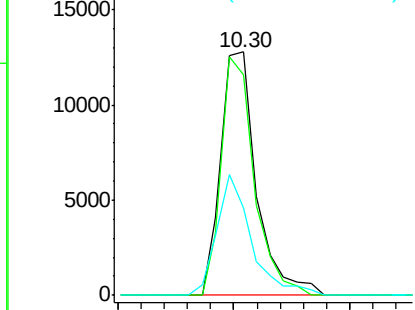
#41
 2,4,6-Tribromophenol
 Concen: 8.214 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097164.D
 Acq: 28 Jul 2017 20:03

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	90.3	76.6	115.0
141	47.9	31.4	47.2#

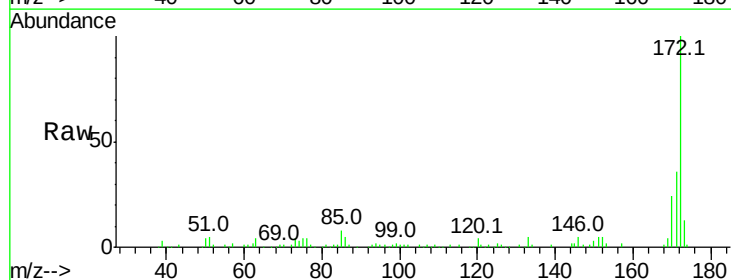


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

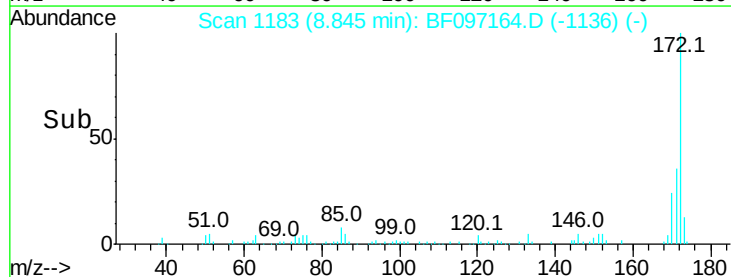
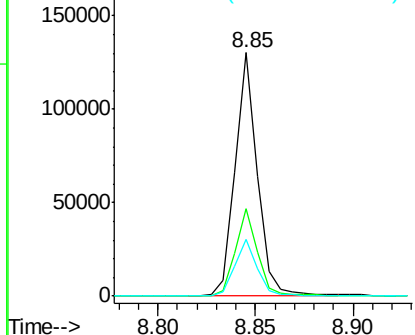


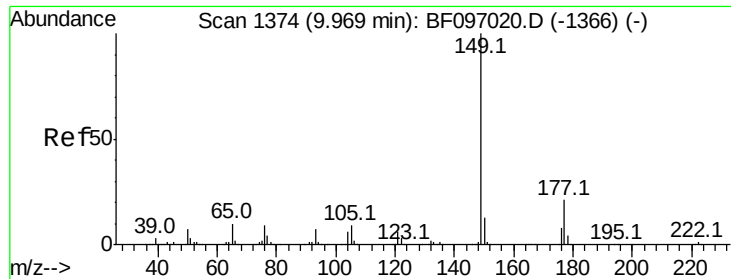
#44
 2-Fluorobiphenyl
 Concen: 8.261 ng
 RT: 8.85 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF097164.D
 Acq: 28 Jul 2017 20:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.5	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

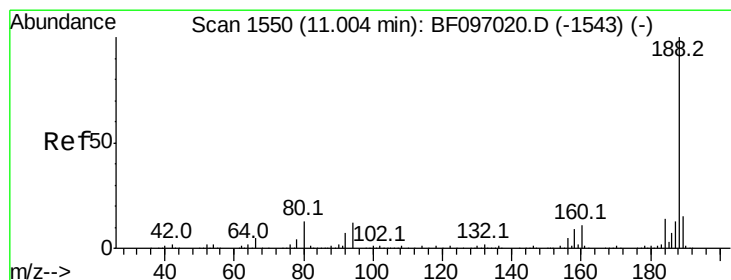
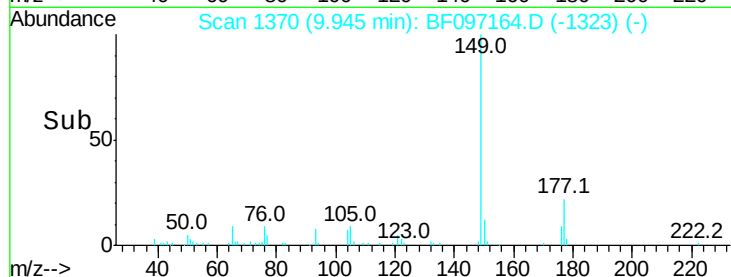
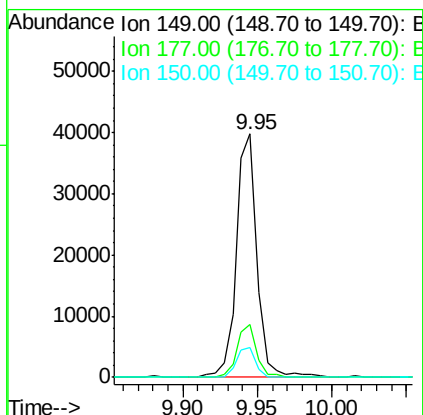
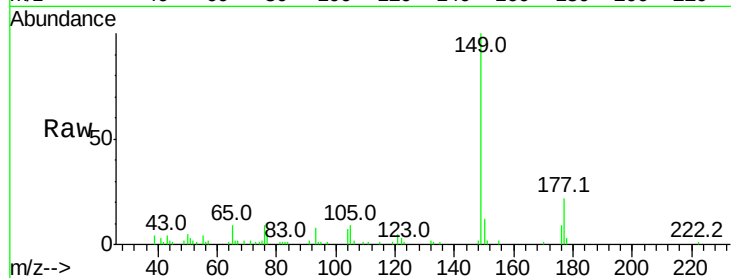




#59
Diethylphthalate
Concen: 2.600 ng
RT: 9.95 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

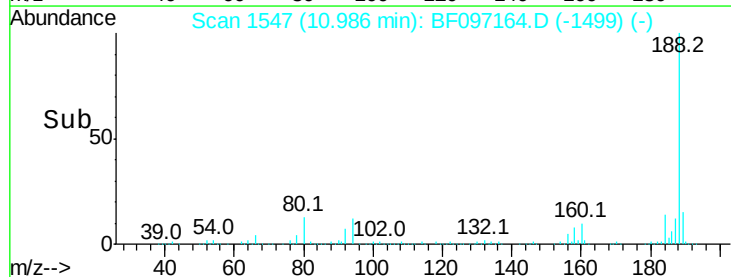
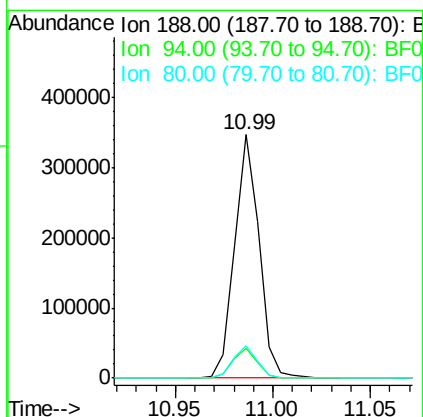
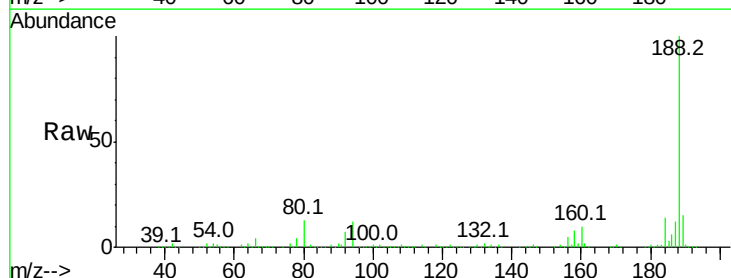
Instrument :
BNA_F
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OK-03-072617-B

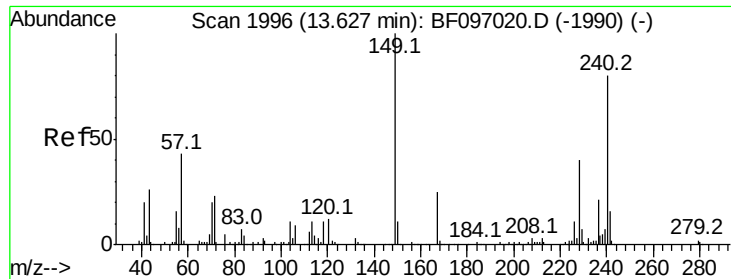
Tot Ion:149 Resp: 38568
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.0 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097164.D
Acq: 28 Jul 2017 20:03

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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.61 min Scan# 1993

Delta R.T. -0.02 min

Lab File: BF097164.D

Acq: 28 Jul 2017 20:03

Instrument :

BNA_F

ClientSampleId :

OK-03-072617-B

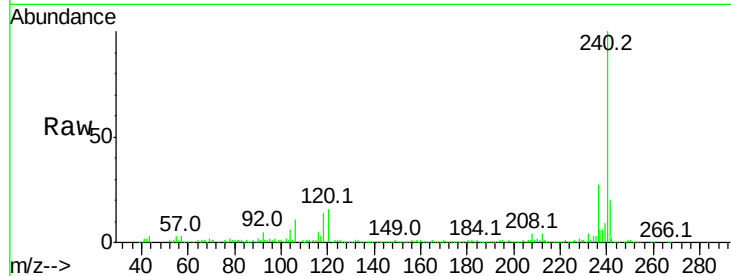
Tot Ion:240 Resp: 221358

Ion Ratio Lower Upper

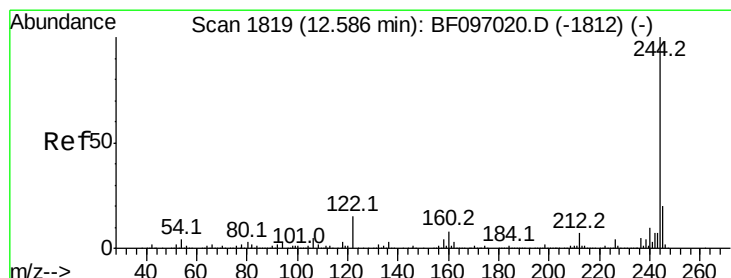
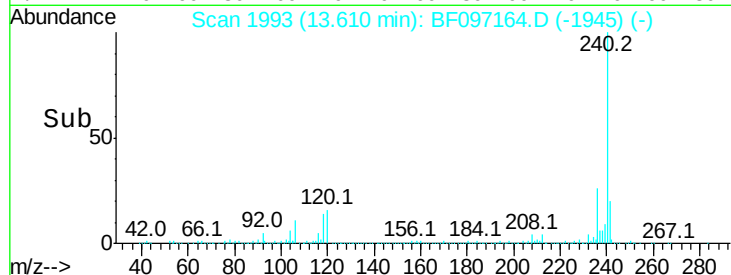
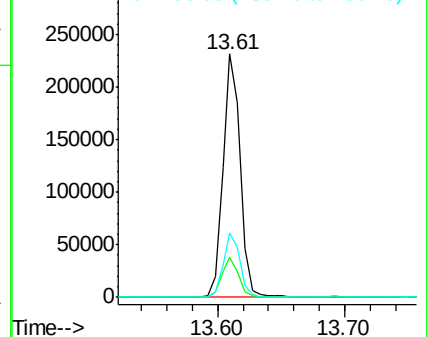
240 100

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: 5.559 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097164.D

Acq: 28 Jul 2017 20:03

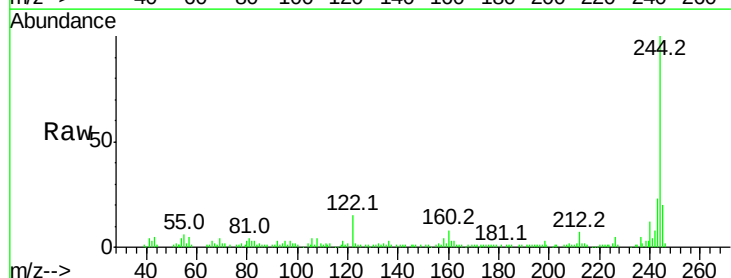
Tgt Ion:244 Resp: 60355

Ion Ratio Lower Upper

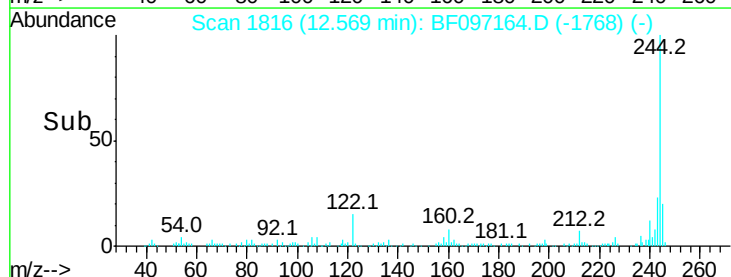
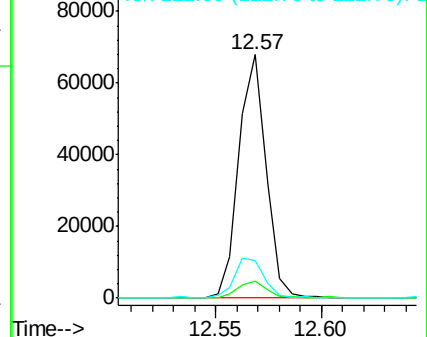
244 100

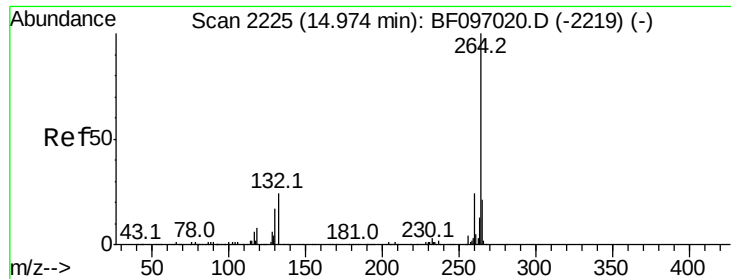
212 7.2 6.0 9.0

122 15.3 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.96 min Scan# 2223
 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	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.2	17.2	25.8

