

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
 Data File : BF097132.D
 Acq On : 27 Jul 2017 19:45
 Operator : SJ/JU
 Sample : I4424-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 28 00:44:13 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

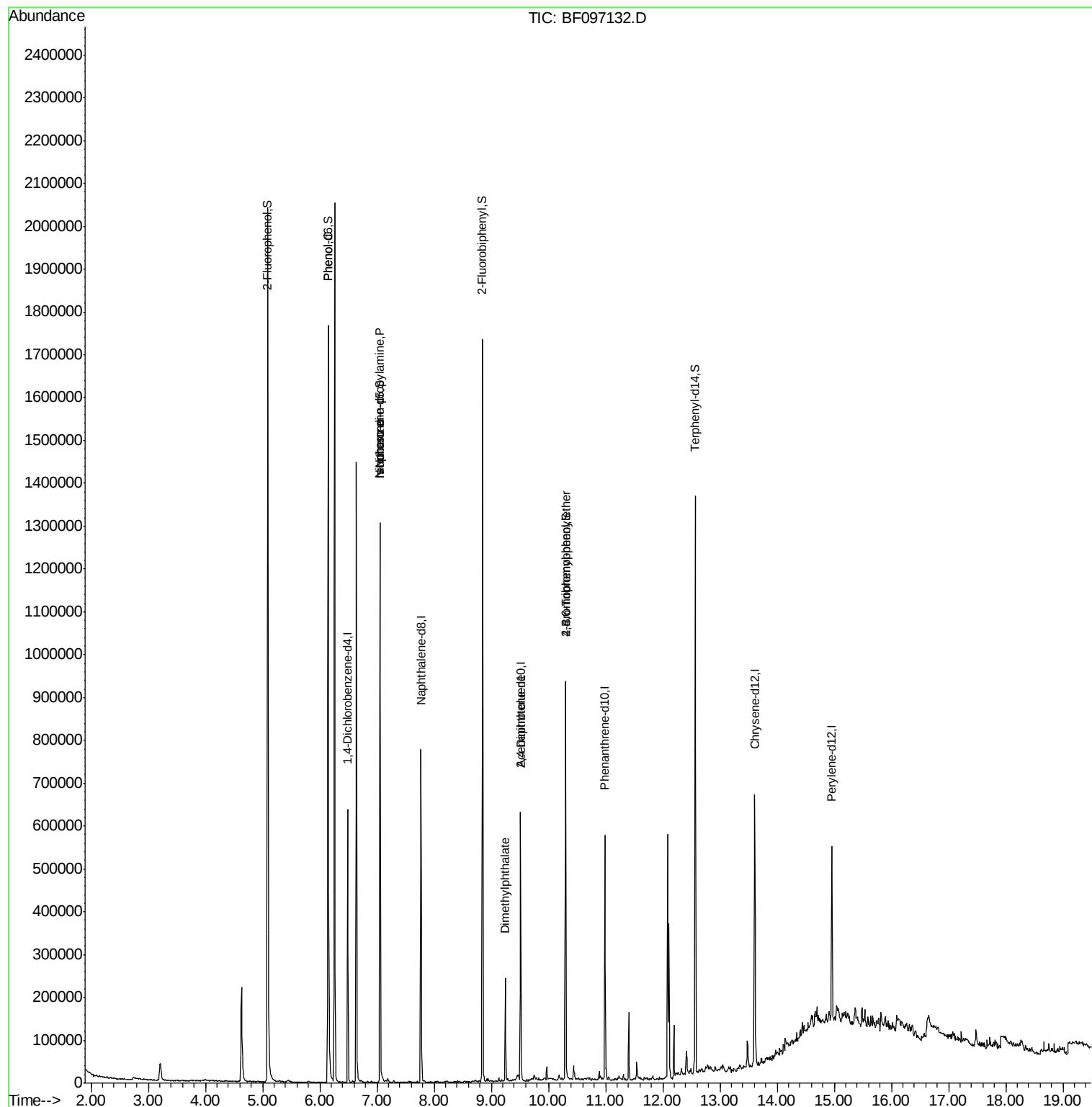
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	90299	20.00	ng	-0.01
21) Naphthalene-d8	7.77	136	333672	20.00	ng	-0.02
38) Acenaphthene-d10	9.51	164	127190	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	188818	20.00	ng	-0.02
75) Chrysene-d12	13.61	240	198372	20.00	ng	-0.02
86) Perylene-d12	14.96	264	165682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	590368	98.56	ng	-0.01
7) Phenol-d6	6.15	99	616778	90.19	ng	-0.02
23) Nitrobenzene-d5	7.05	82	377903	66.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.30	330	91621	91.17	ng	-0.02
44) 2-Fluorobiphenyl	8.85	172	504113	67.26	ng	-0.02
78) Terphenyl-d14	12.57	244	374823	38.52	ng	-0.02
Target Compounds						
10) Phenol	6.16	94	21173	2.61	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.05	70	50471	11.21	ng	# 87
25) Isophorone	7.05	82	373888	33.57	ng	# 67
49) Dimethylphthalate	9.25	163	86708	8.98	ng	97
56) 2,4-Dinitrotoluene	9.51	165	16451	6.99	ng	# 31
66) 4-Bromophenyl-phenylether	10.30	248	5830	3.09	ng	# 1

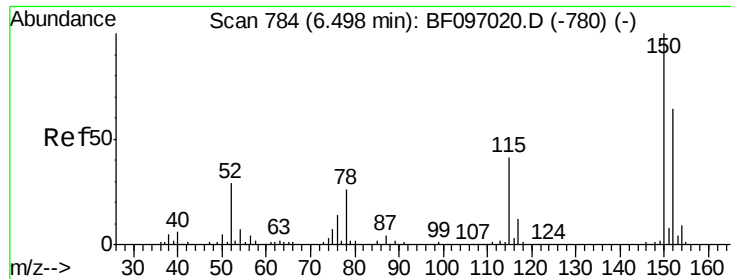
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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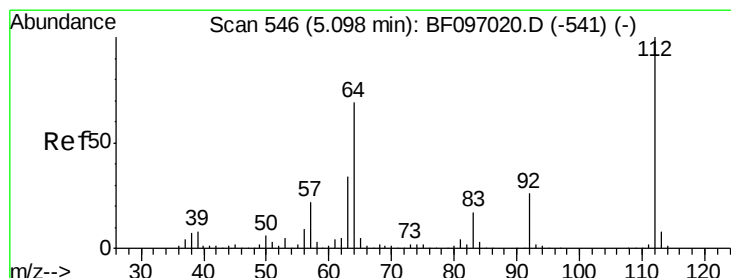
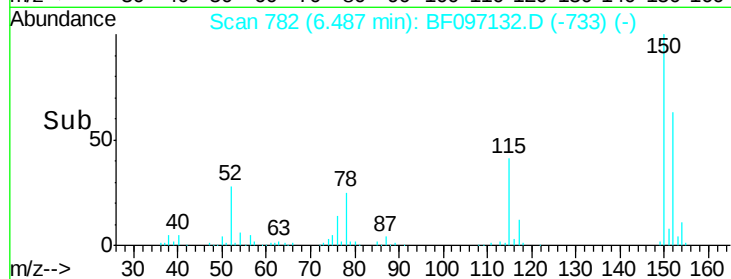
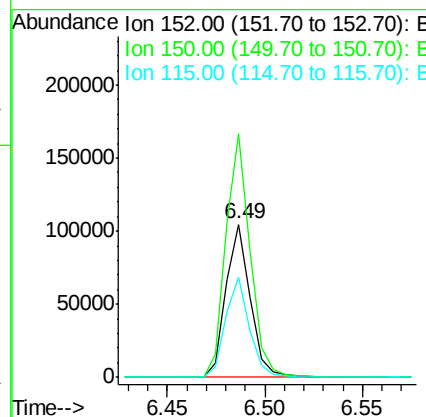
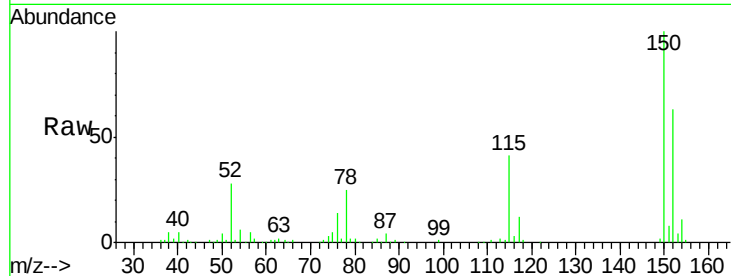


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Instrument :
BNA_F
ClientSampled :

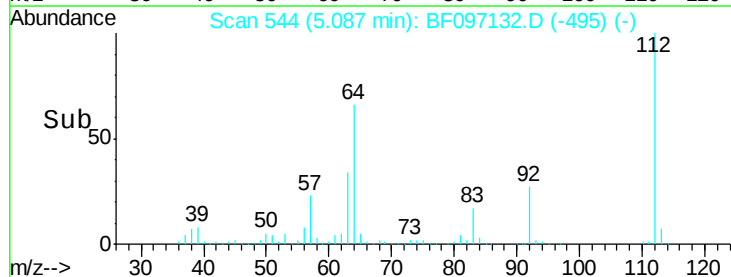
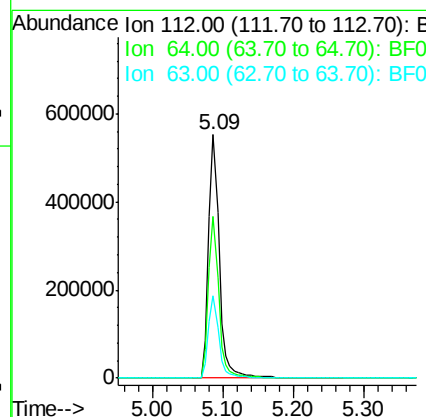
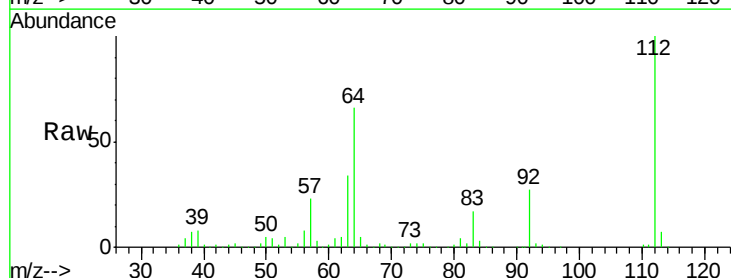
Tot Ion:152 Resp: 90299
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 65.2 52.2 78.2

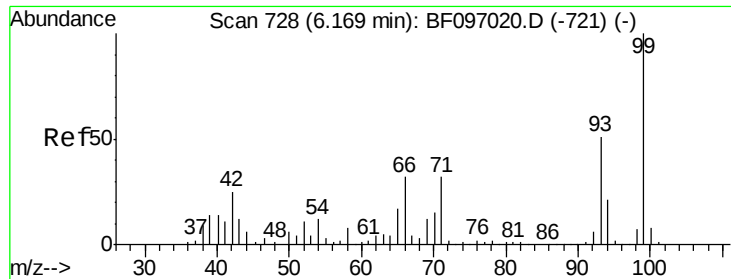


#5

2-Fluorophenol
Concen: 98.56 ng
RT: 5.09 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Tgt Ion:112 Resp: 590368
Ion Ratio Lower Upper
112 100
64 66.2 46.0 69.0
63 33.8 23.4 35.0





#7

Phenol-d6

Concen: 90.19 ng

RT: 6.15 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

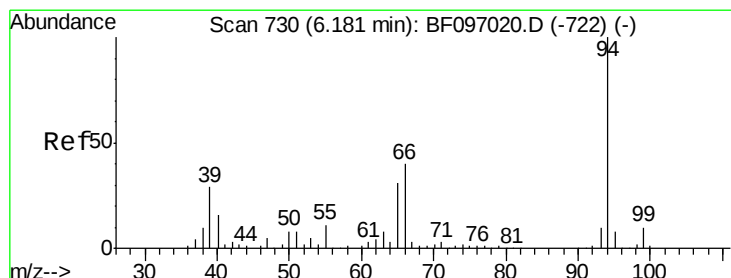
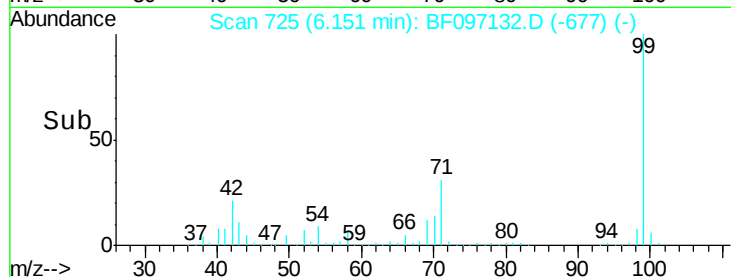
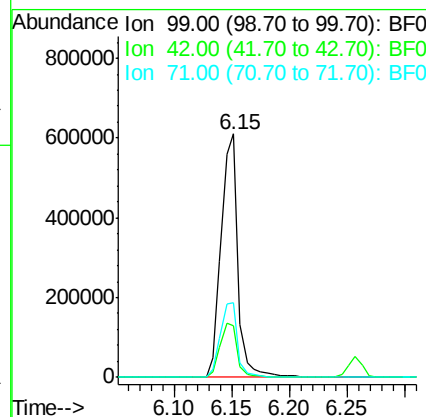
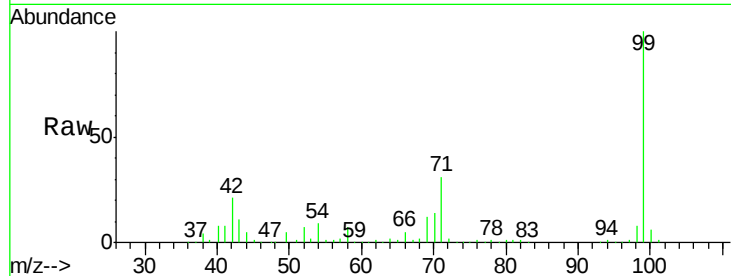
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 616778

Ion	Ratio	Lower	Upper
99	100		
42	21.4	13.5	20.3#
71	30.8	24.5	36.7



#10

Phenol

Concen: 2.61 ng

RT: 6.16 min Scan# 726

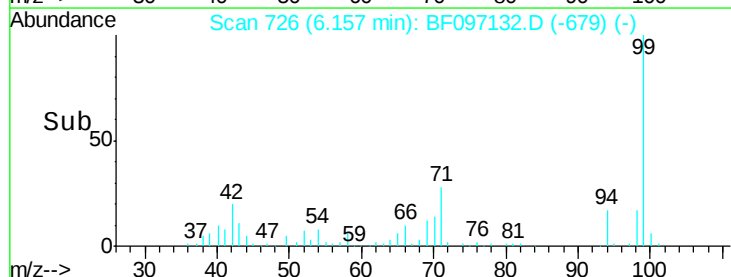
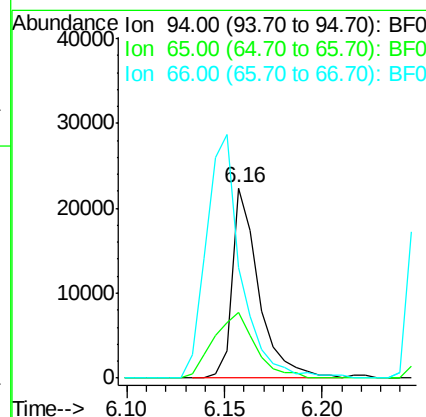
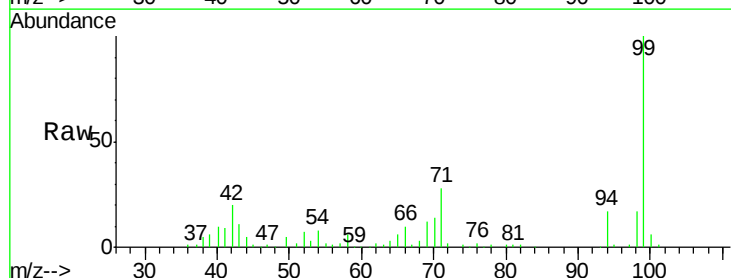
Delta R.T. -0.02 min

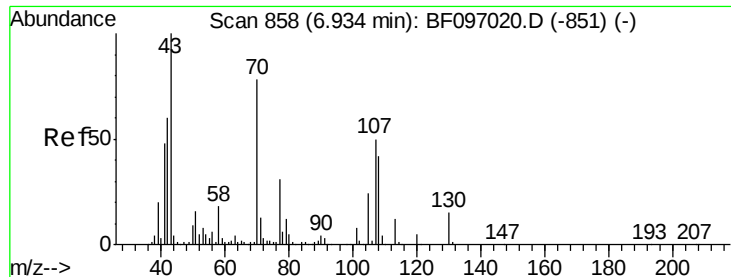
Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

Tgt Ion: 94 Resp: 21173

Ion	Ratio	Lower	Upper
94	100		
65	34.8	9.9	49.9
66	58.5	23.1	63.1

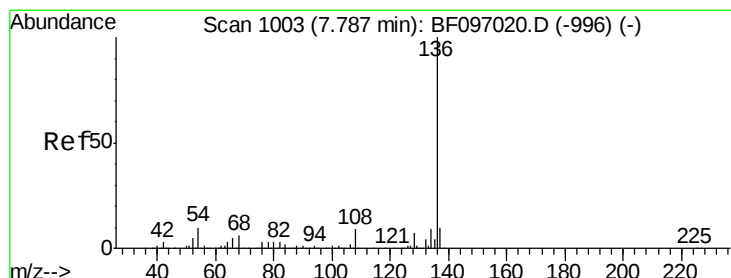
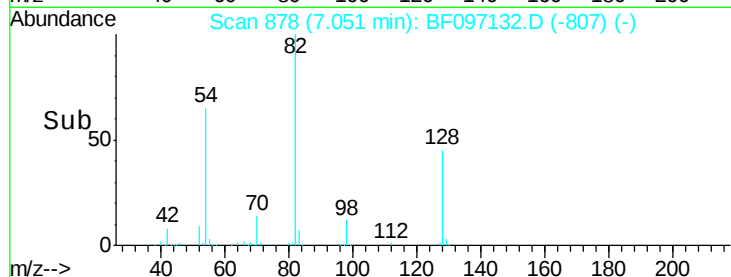
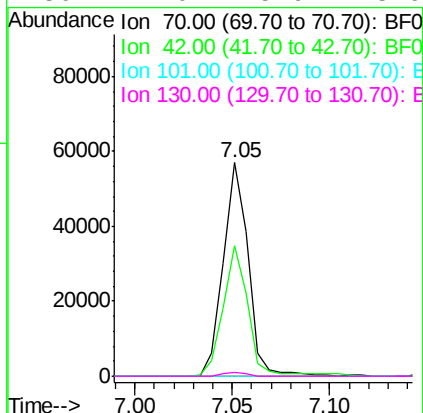
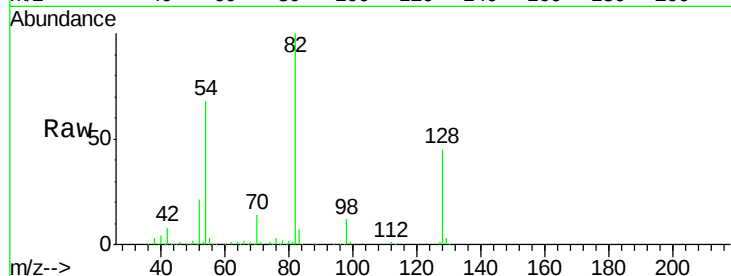




#19
n-Nitroso-di-n-propylamine
Concen: 11.21 ng
RT: 7.05 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

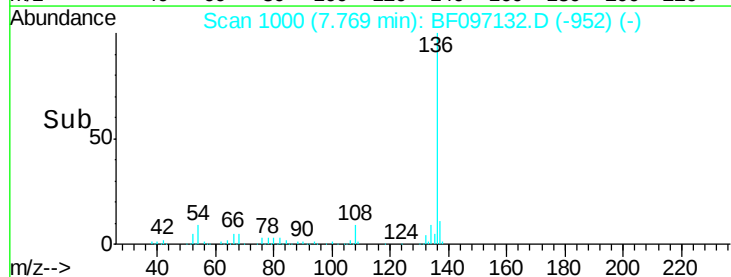
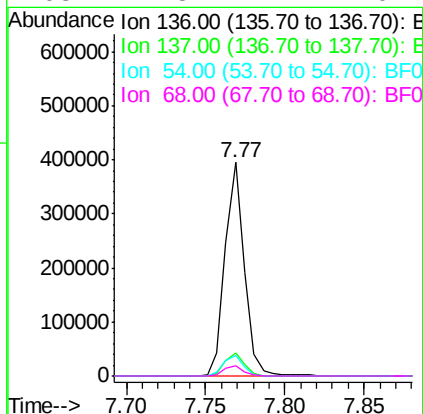
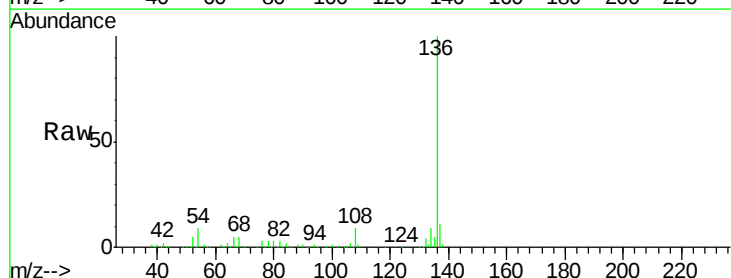
Instrument :
BNA_F
ClientSampled :

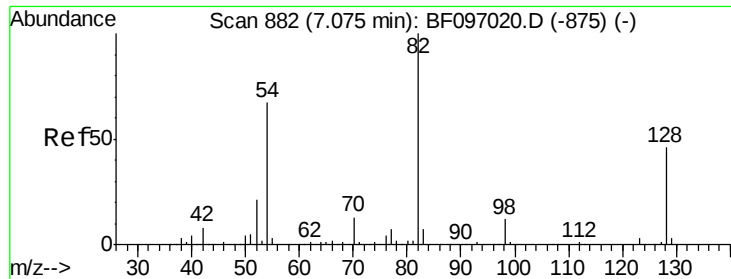
Tot Ion: 70 Resp: 50471
Ion Ratio Lower Upper
70 100
42 61.4 47.2 70.8
101 0.0 7.2 10.8#
130 2.0 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Tgt Ion:136 Resp: 333672
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 9.5 4.9 7.3#
68 4.8 4.1 6.1

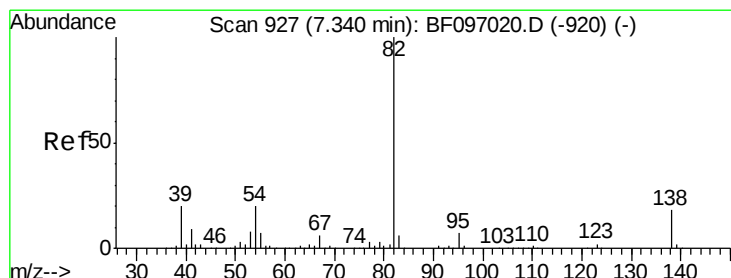
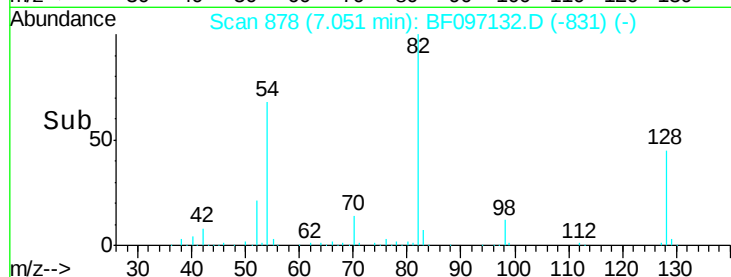
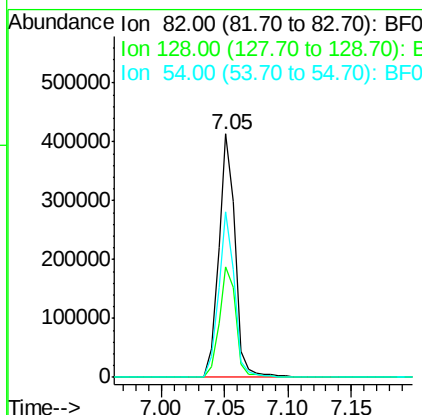
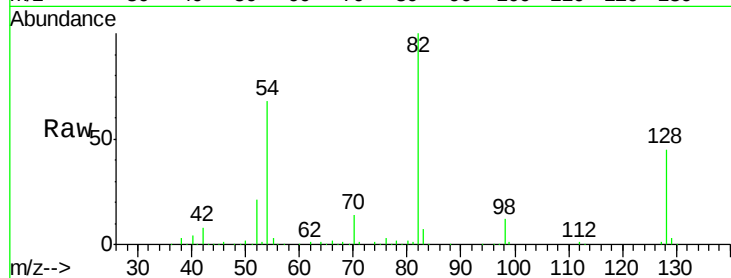




#23
Nitrobenzene-d5
Concen: 66.44 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

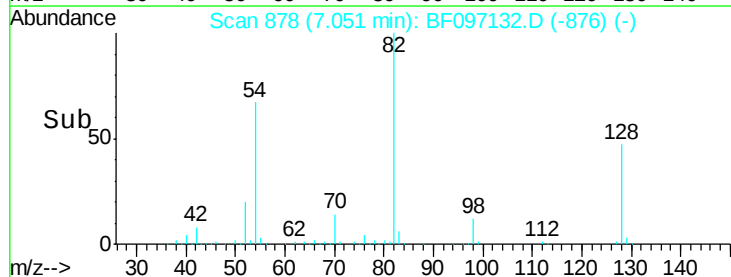
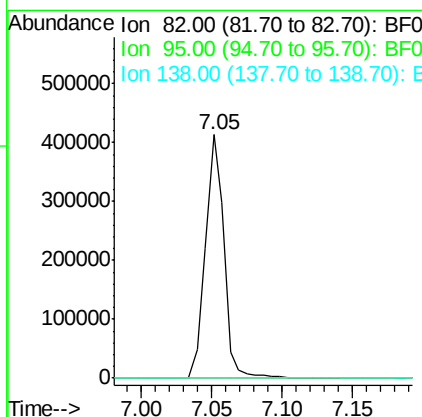
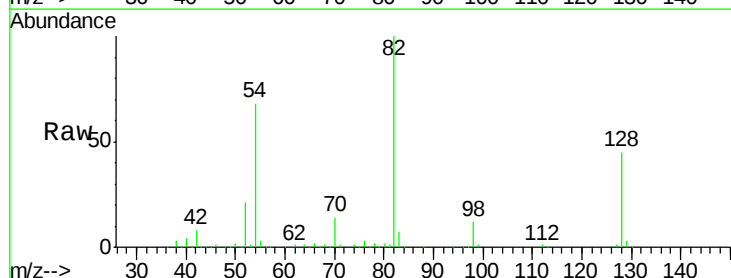
Instrument :
BNA_F
ClientSampled :

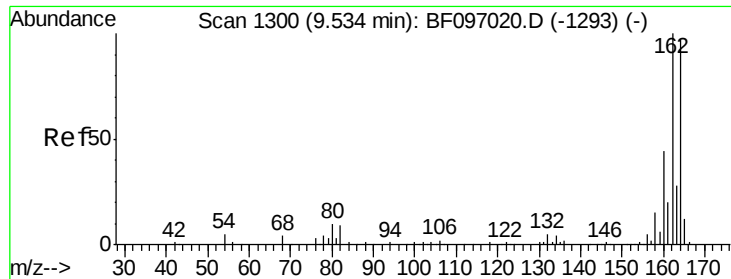
Tot Ion: 82 Resp: 377903
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 68.0 42.2 63.2#



#25
Isophorone
Concen: 33.57 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Tgt Ion: 82 Resp: 373888
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#

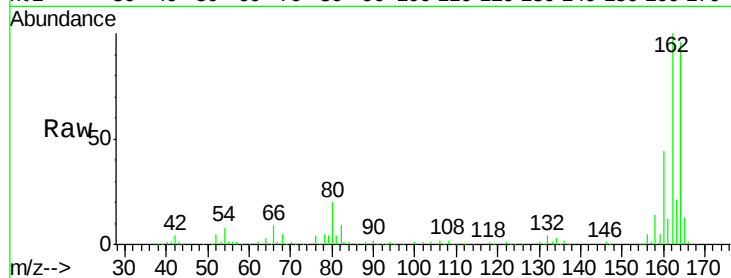




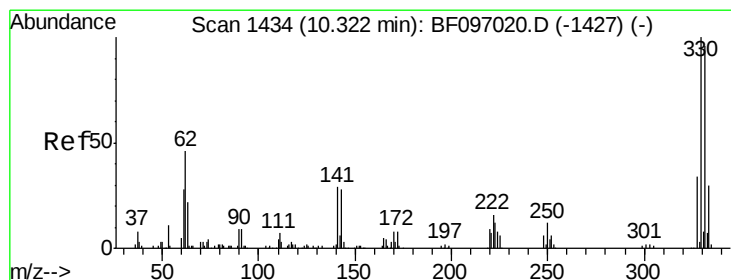
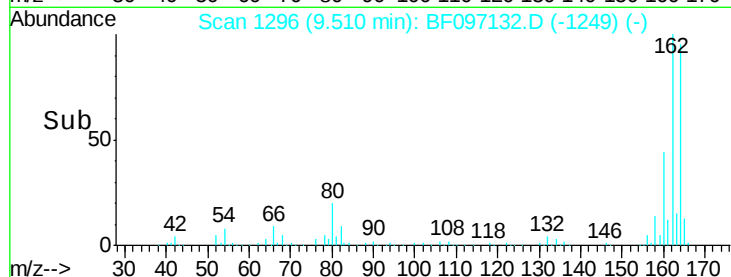
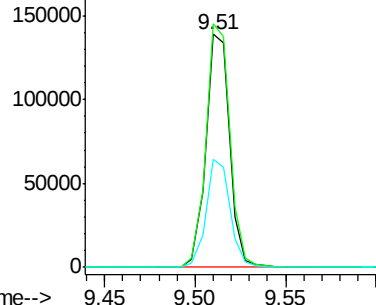
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.02 min
 Lab File: BF097132.D
 Acq: 27 Jul 2017 19:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 127190
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.6 123.8
 160 46.2 36.2 54.2

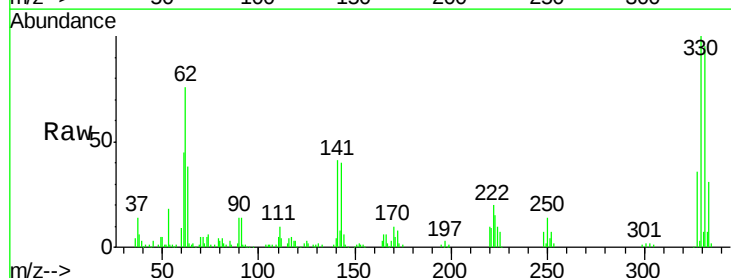


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

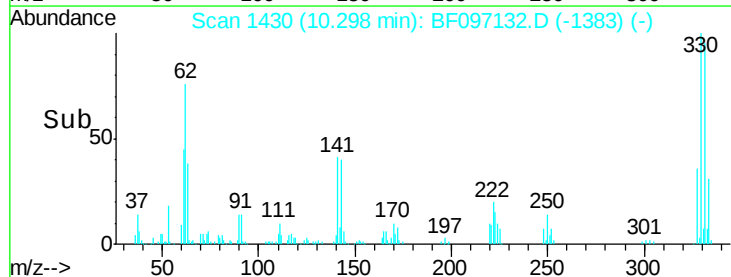
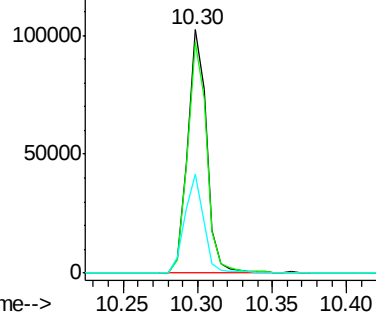


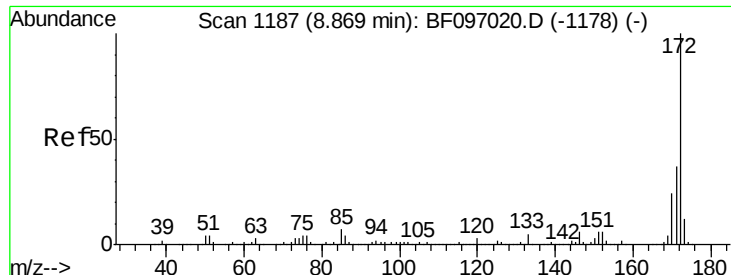
#41
 2,4,6-Tribromophenol
 Concen: 91.17 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.02 min
 Lab File: BF097132.D
 Acq: 27 Jul 2017 19:45

Tgt Ion:330 Resp: 91621
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 40.2 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

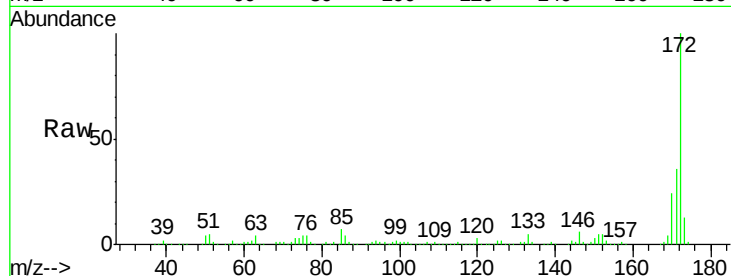




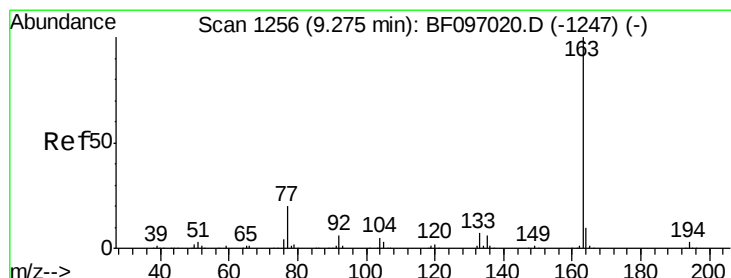
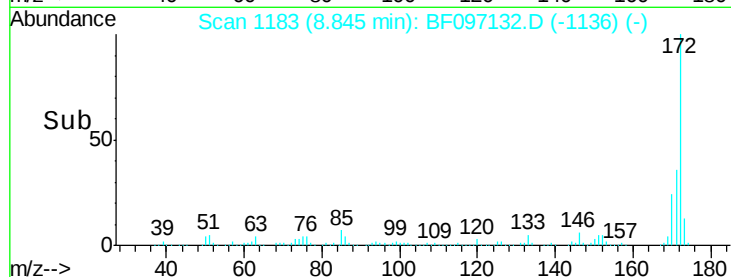
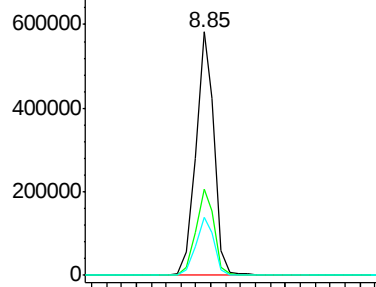
#44
2-Fluorobiphenyl
Concen: 67.26 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.7	19.8	29.8

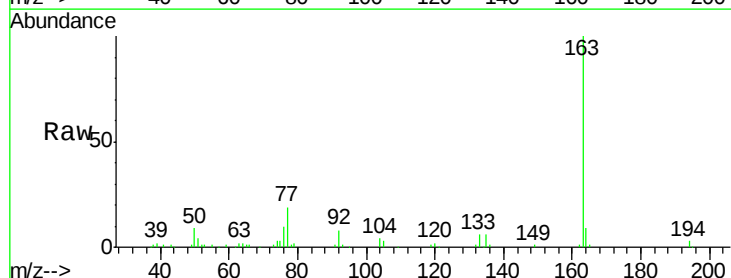


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

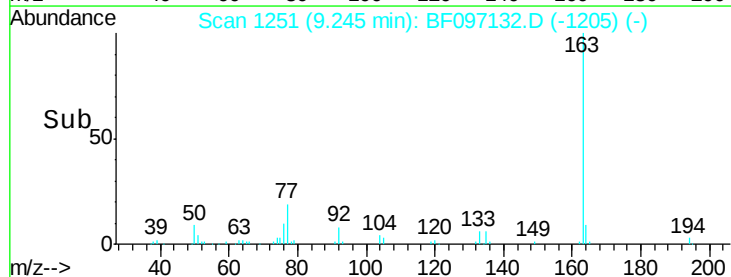
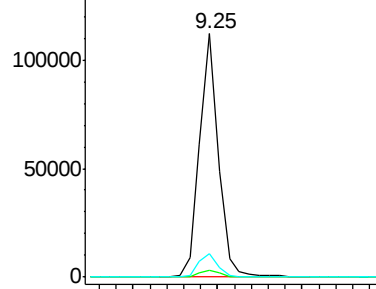


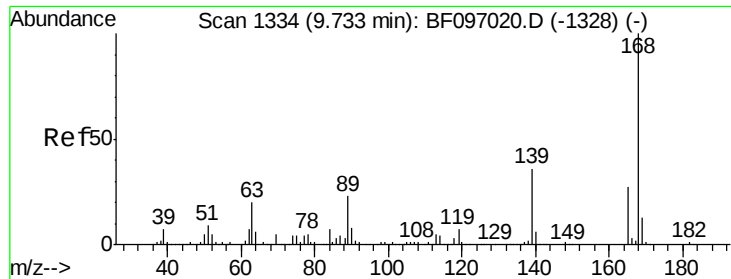
#49
Dimethylphthalate
Concen: 8.98 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097132.D
Acq: 27 Jul 2017 19:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	2.8	2.6	4.0
164	9.4	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

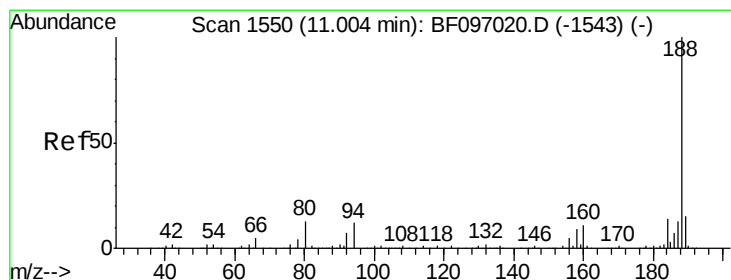
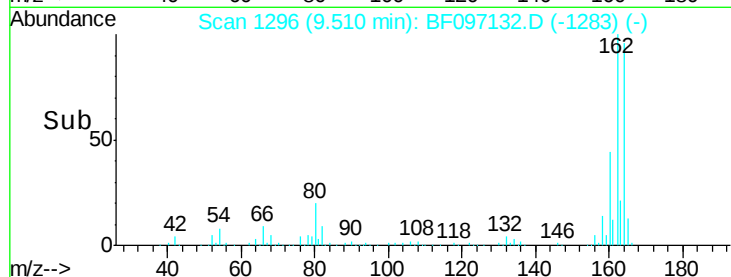
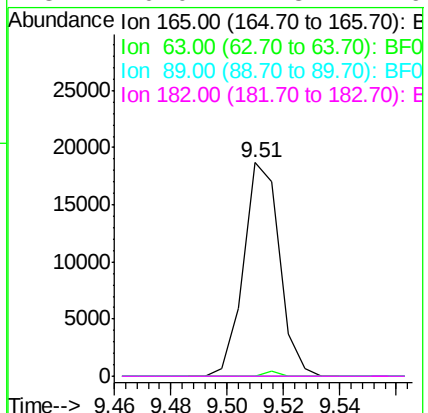
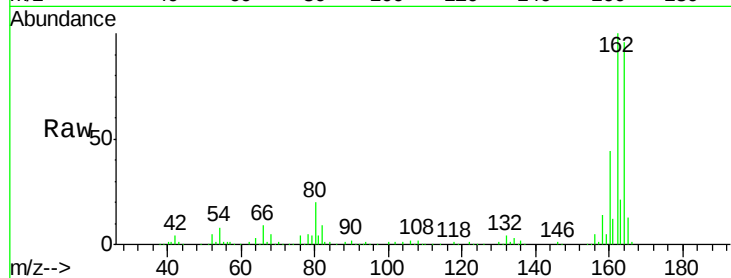




#56
 2,4-Dinitrotoluene
 Concen: 6.99 ng
 RT: 9.51 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF097132.D
 Acq: 27 Jul 2017 19:45

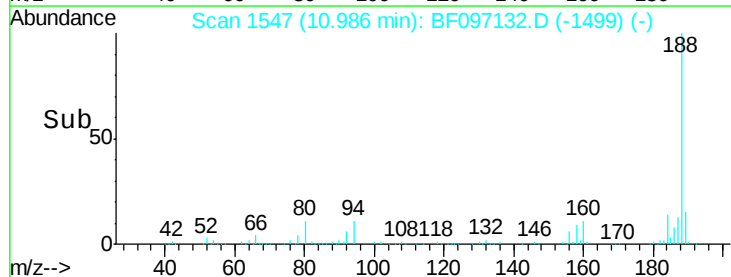
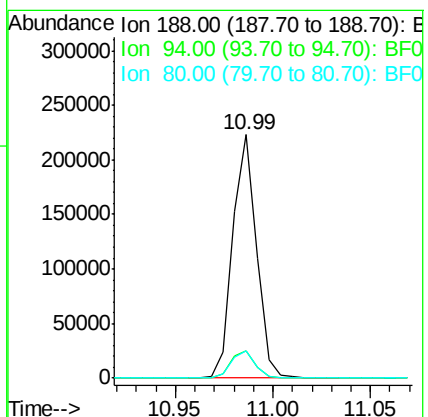
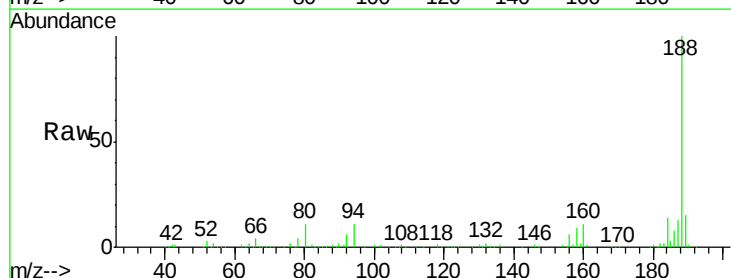
Instrument :
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 ClientSampled :

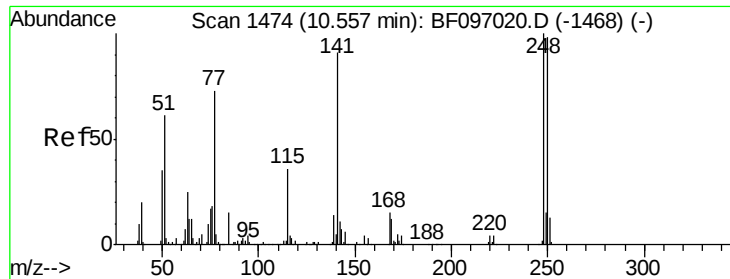
Tot Ion:165 Resp: 16451
 Ion Ratio Lower Upper
 165 100
 63 0.0 25.4 38.0#
 89 0.0 46.4 69.6#
 182 0.0 1.8 2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.99 min Scan# 1547
 Delta R.T. -0.02 min
 Lab File: BF097132.D
 Acq: 27 Jul 2017 19:45

Tgt Ion:188 Resp: 188818
 Ion Ratio Lower Upper
 188 100
 94 11.3 9.4 14.2
 80 11.3 10.2 15.2

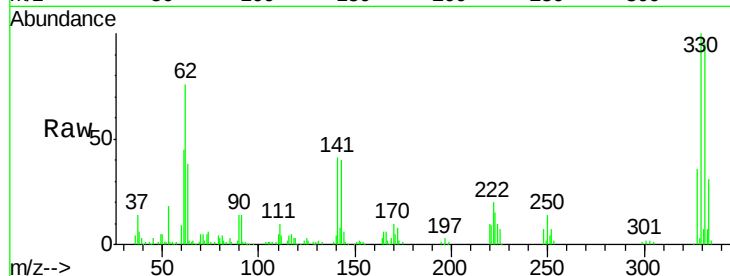




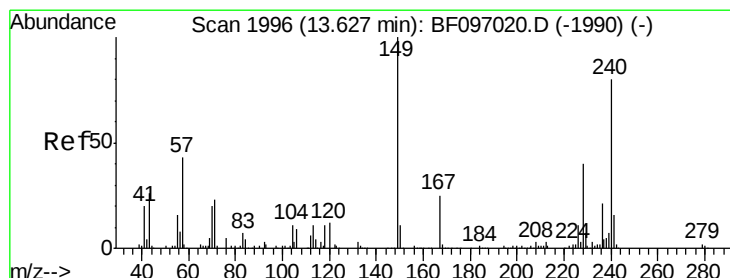
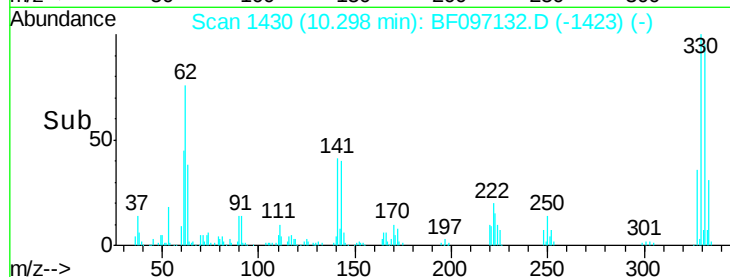
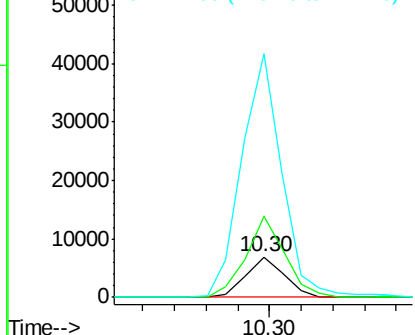
#66
 4-Bromophenyl-phenylether
 Concen: 3.09 ng
 RT: 10.30 min Scan# 1430
 Delta R.T. -0.26 min
 Lab File: BF097132.D
 Acq: 27 Jul 2017 19:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 5830
 Ion Ratio Lower Upper
 248 100
 250 200.8 76.8 115.2#
 141 601.6 68.6 103.0#

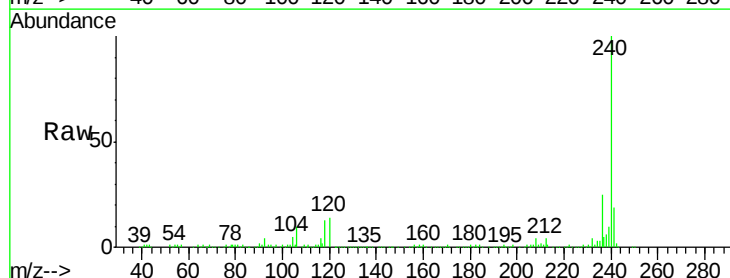


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

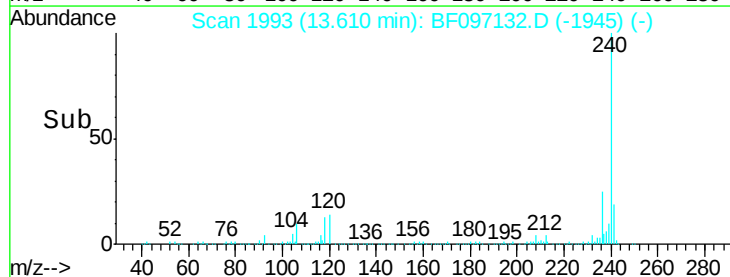
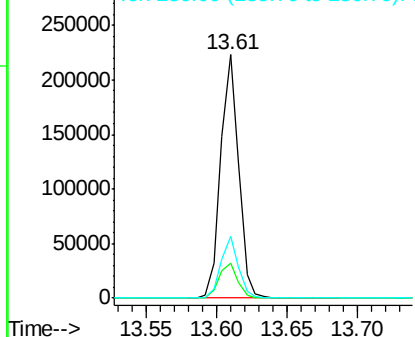


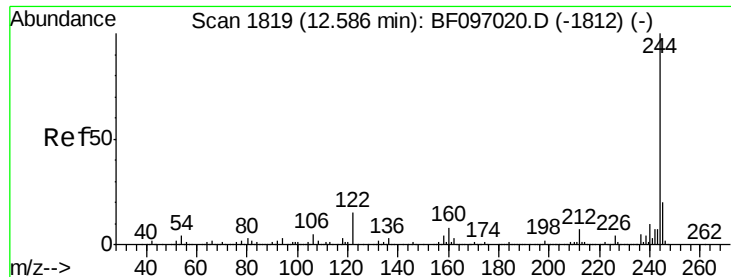
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.61 min Scan# 1993
 Delta R.T. -0.02 min
 Lab File: BF097132.D
 Acq: 27 Jul 2017 19:45

Tgt Ion:240 Resp: 198372
 Ion Ratio Lower Upper
 240 100
 120 14.2 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: 38.52 ng

RT: 12.57 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

Instrument :

BNA_F

ClientSampleId :

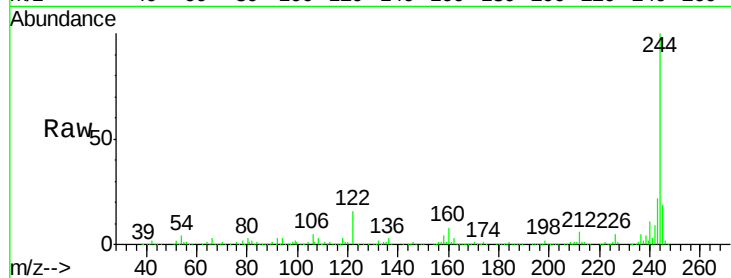
Tot Ion:244 Resp: 374823

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

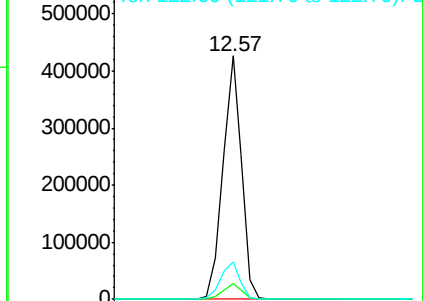
122 15.6 10.3 15.5#



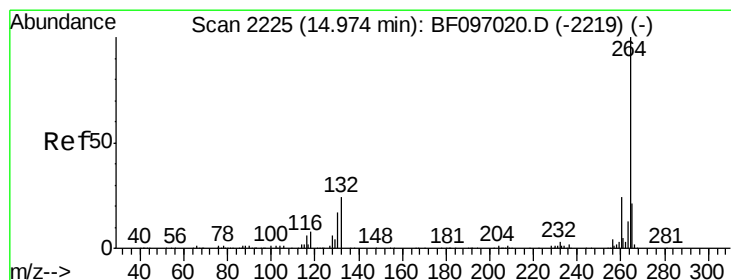
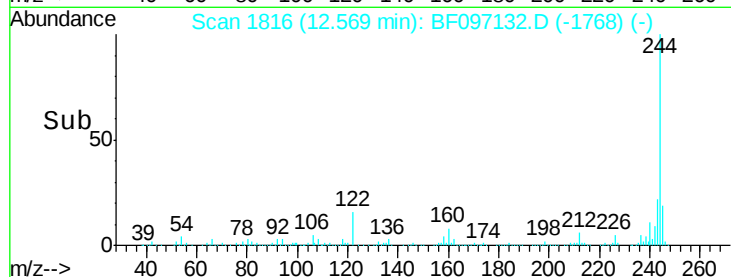
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.50 12.55 12.60 12.65



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.96 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF097132.D

Acq: 27 Jul 2017 19:45

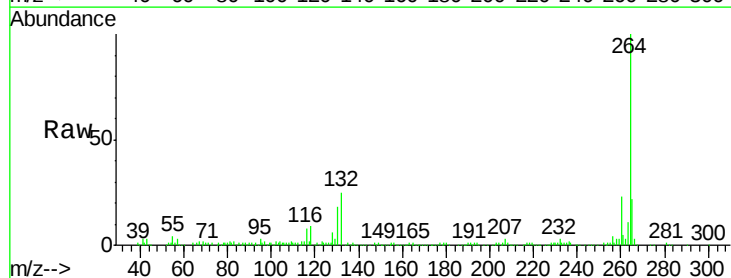
Tgt Ion:264 Resp: 165682

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

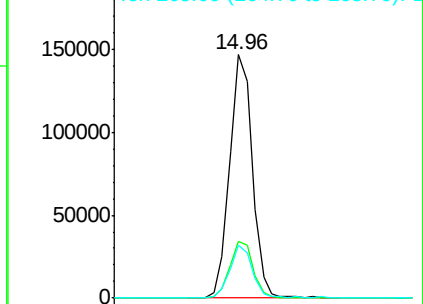
265 21.8 17.2 25.8



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



Time--> 14.90 14.95 15.00 15.05

