

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098925.D
 Acq On : 28 Sep 2017 23:52
 Operator : SJ/JU
 Sample : I5472-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 29 00:47:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

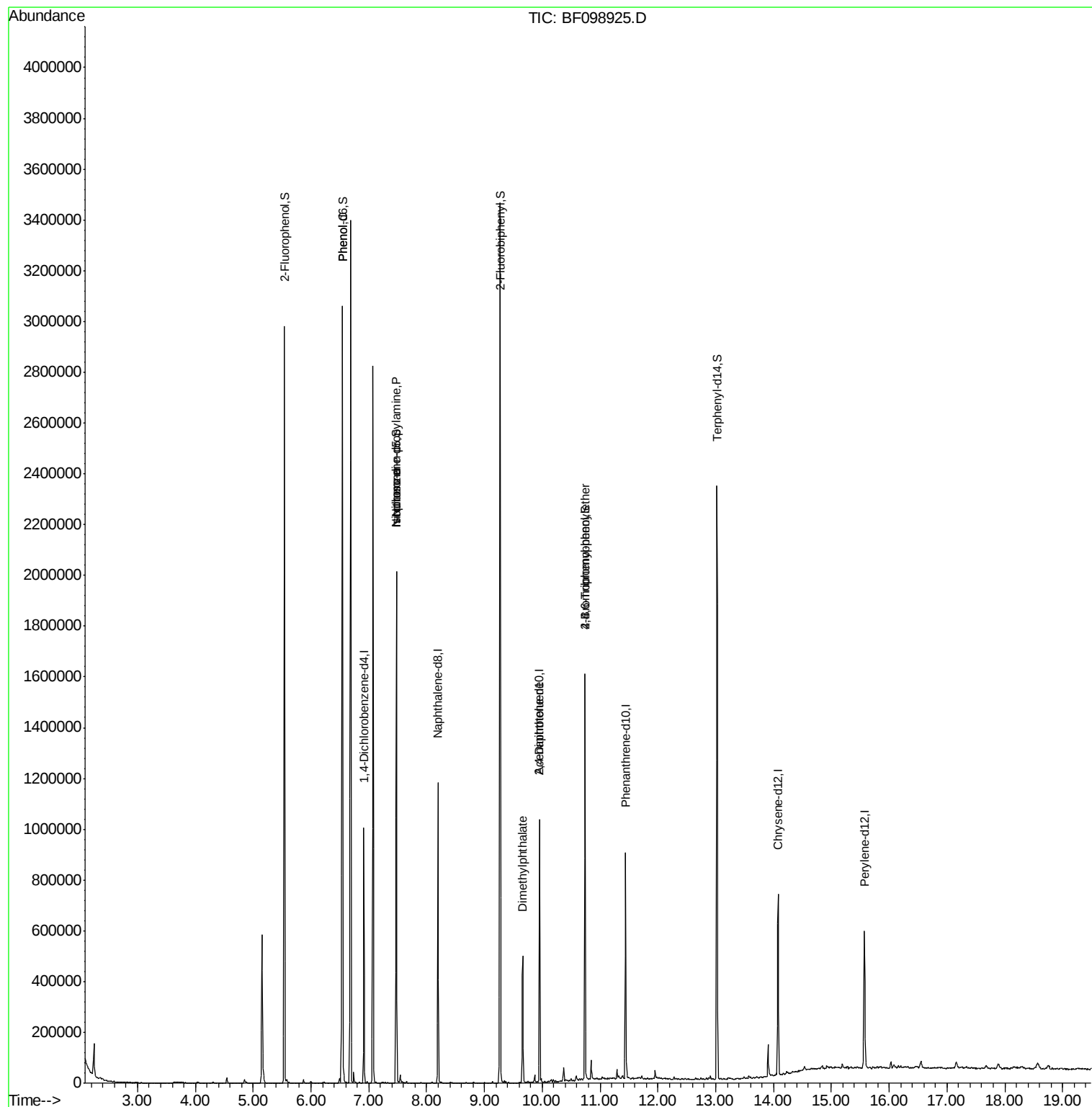
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	131835	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	507114	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	195045	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	272860	20.00	ng	0.00
75) Chrysene-d12	14.08	240	224265	20.00	ng	0.00
86) Perylene-d12	15.57	264	225059	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	994616	120.10	ng	0.00
7) Phenol-d6	6.55	99	1167835	114.31	ng	0.00
23) Nitrobenzene-d5	7.48	82	701408	88.70	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	162436	101.78	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1112893	95.25	ng	0.00
78) Terphenyl-d14	13.02	244	704634	71.45	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	34756	3.04	ng	Qvalue 78
19) n-Nitroso-di-n-propylamine	7.48	70	93532	14.34	ng	# 76
25) Isophorone	7.48	82	698451	42.72	ng	# 64
49) Dimethylphthalate	9.66	163	192743	13.09	ng	99
56) 2,4-Dinitrotoluene	9.95	165	24469	5.88	ng	# 23
66) 4-Bromophenyl-phenylether	10.74	248	11672	4.37	ng	# 1

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

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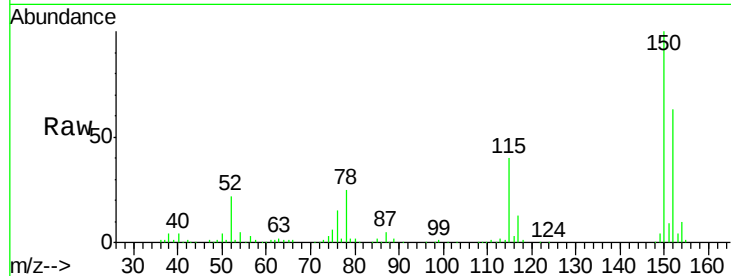


#1

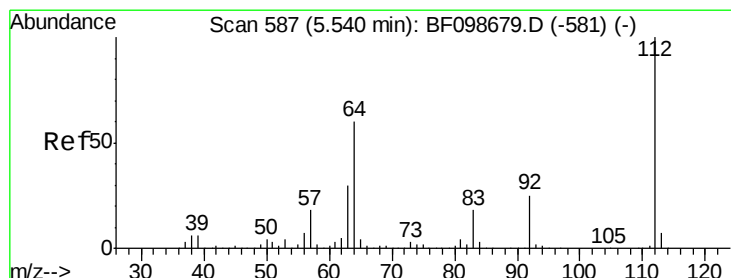
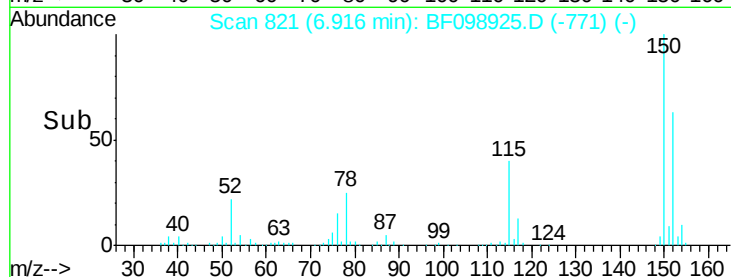
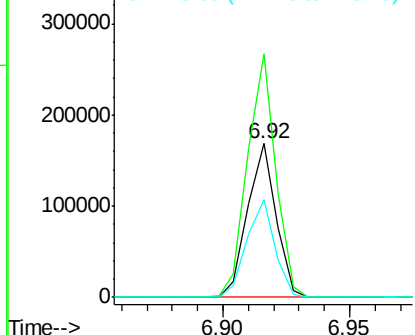
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098925.D
 Acq: 28 Sep 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 131835
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 63.1 50.1 75.1



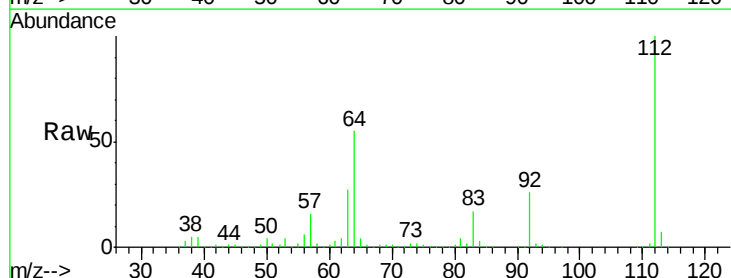
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



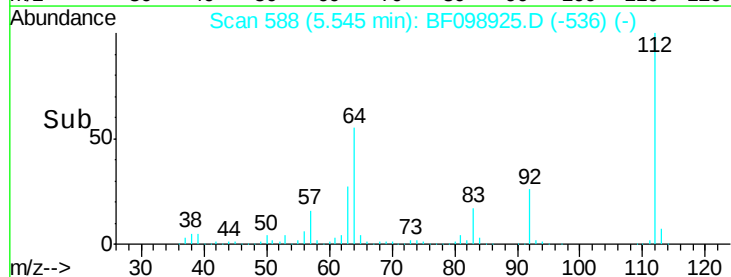
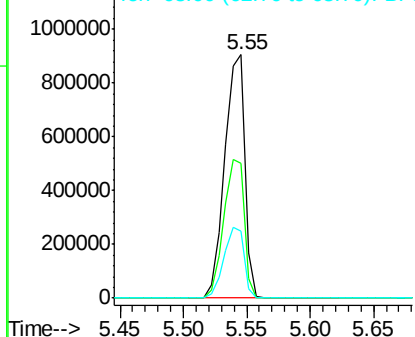
#5

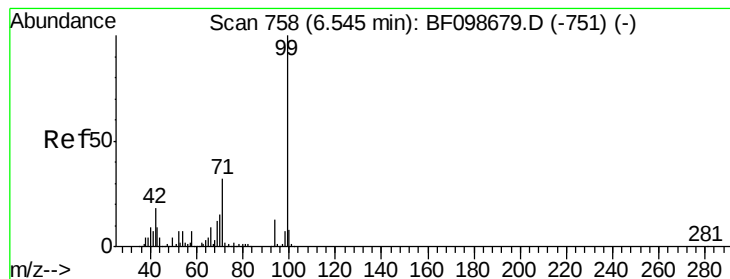
2-Fluorophenol
 Concen: 120.10 ng
 RT: 5.55 min Scan# 588
 Delta R.T. 0.01 min
 Lab File: BF098925.D
 Acq: 28 Sep 2017 23:52

Tgt Ion:112 Resp: 994616
 Ion Ratio Lower Upper
 112 100
 64 55.3 47.9 71.9
 63 27.4 23.7 35.5



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: 114.31 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF098925.D

Acq: 28 Sep 2017 23:52

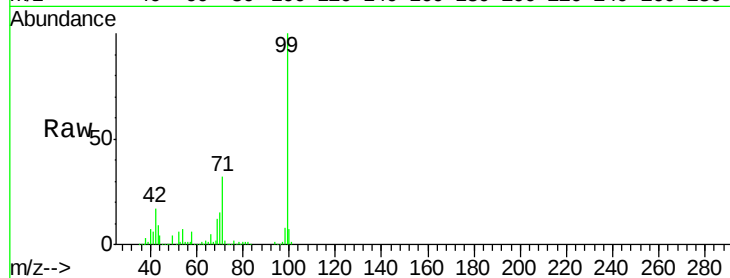
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1167835

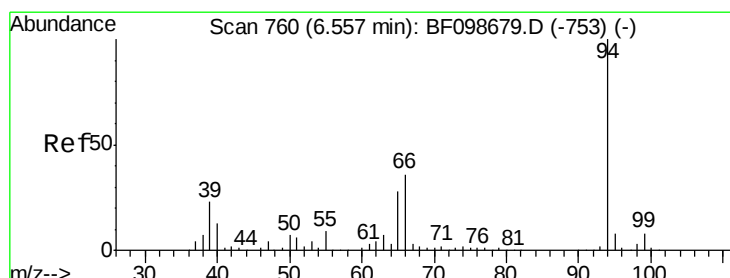
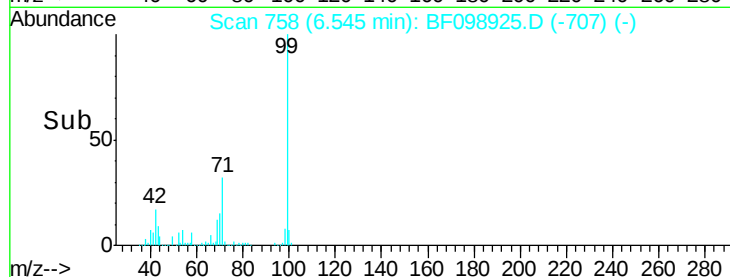
Ion	Ratio	Lower	Upper
99	100		
42	17.4	14.5	21.7
71	32.3	25.4	38.0



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



#10

Phenol

Concen: 3.04 ng

RT: 6.55 min Scan# 759

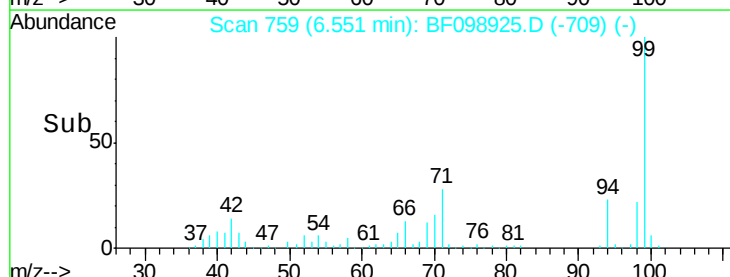
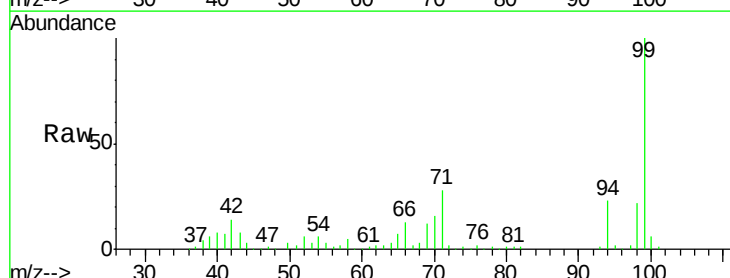
Delta R.T. -0.01 min

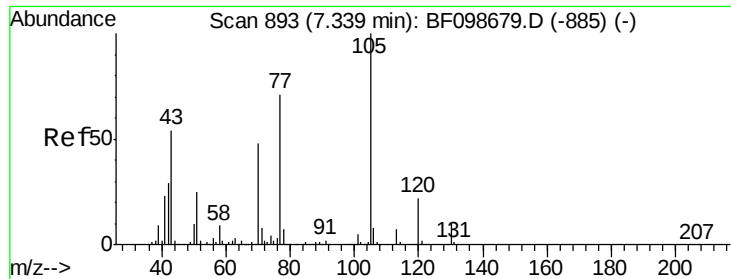
Lab File: BF098925.D

Acq: 28 Sep 2017 23:52

Tgt Ion: 94 Resp: 34756

Ion	Ratio	Lower	Upper
94	100		
65	32.6	7.9	47.9
66	54.7	16.2	56.2

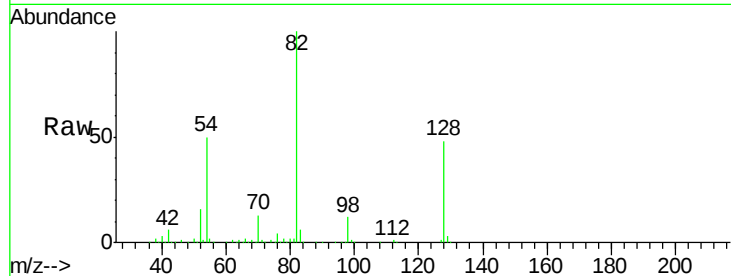




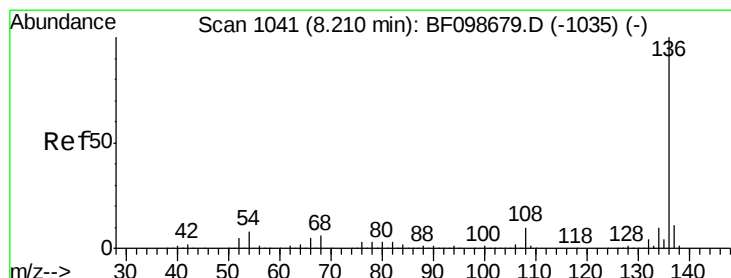
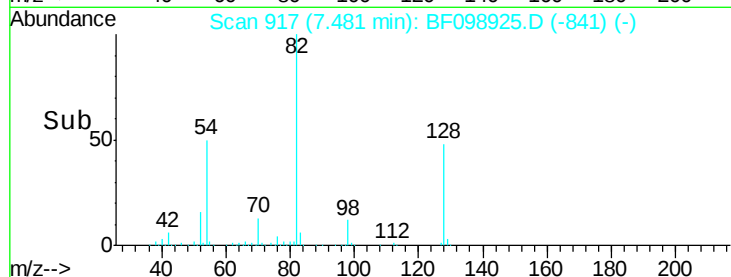
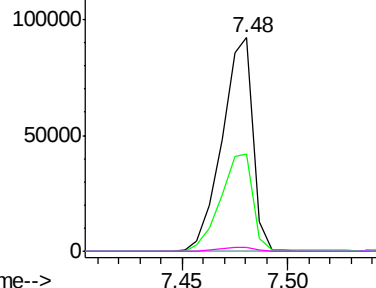
#19
n-Nitroso-di-n-propylamine
Concen: 14.34 ng
RT: 7.48 min Scan# 917
Delta R.T. 0.15 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 93532
Ion Ratio Lower Upper
70 100
42 45.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#

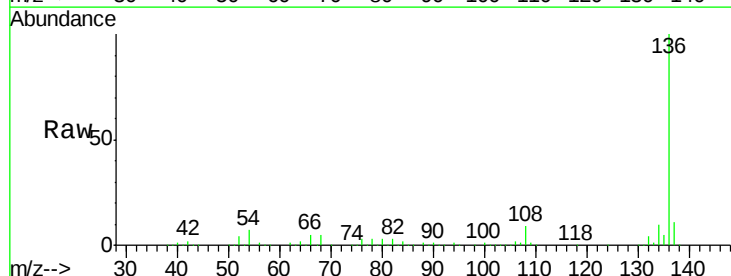


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

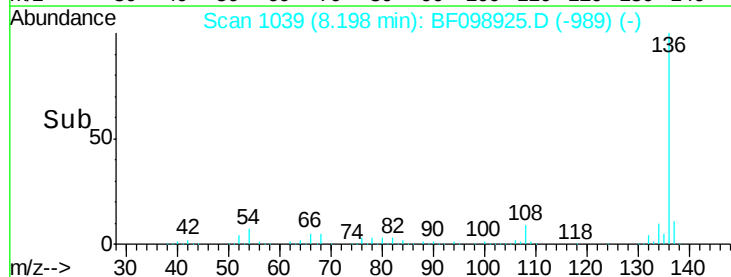
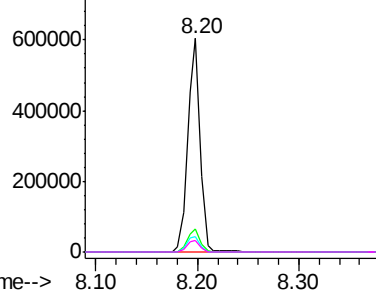


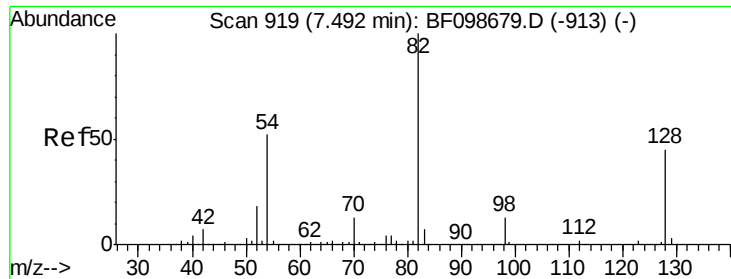
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Tgt Ion: 136 Resp: 507114
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.3 6.6 9.8
68 5.3 5.0 7.4



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

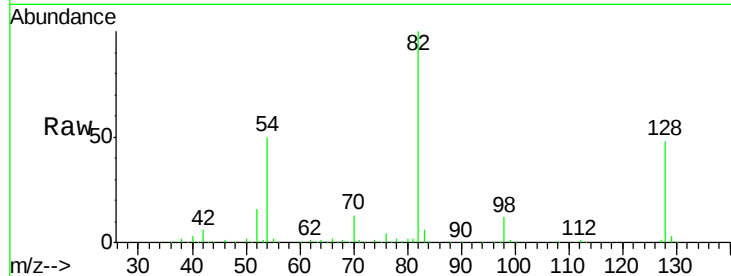




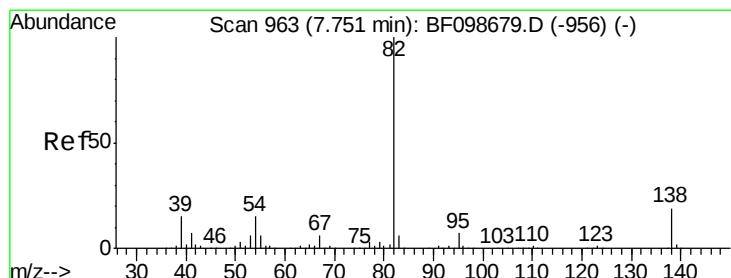
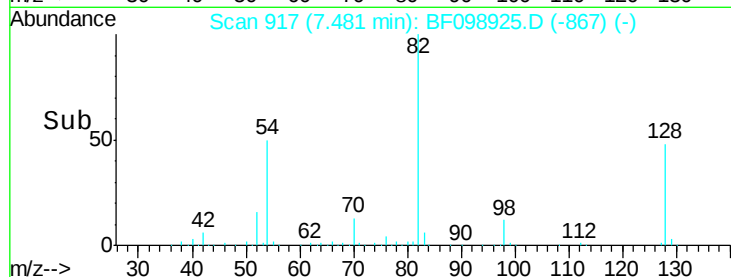
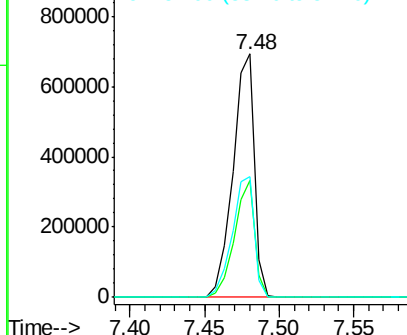
#23
Nitrobenzene-d5
Concen: 88.70 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 701408
Ion Ratio Lower Upper
82 100
128 47.9 36.1 54.1
54 49.8 41.4 62.2

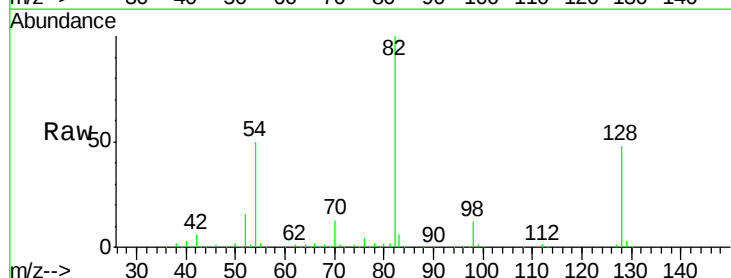


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

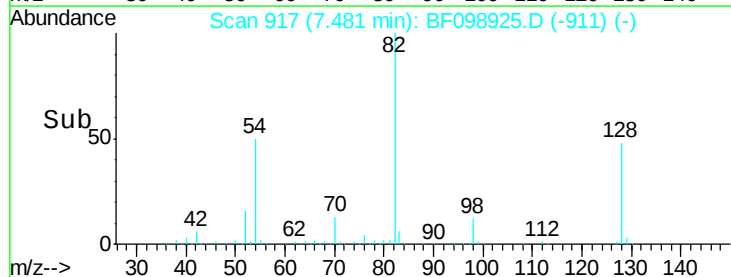
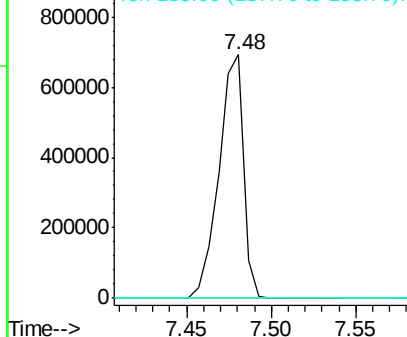


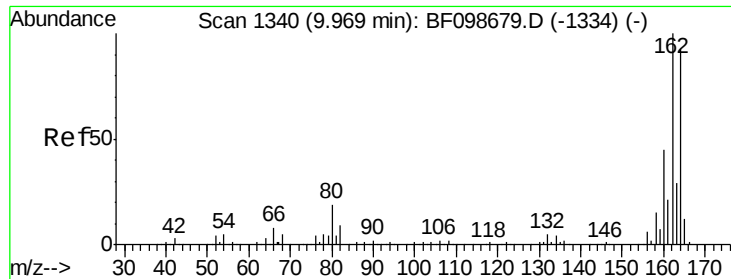
#25
Isophorone
Concen: 42.72 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.26 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Tgt Ion: 82 Resp: 698451
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



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: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098925.D

Acq: 28 Sep 2017 23:52

Instrument :

BNA_F

ClientSampleId :

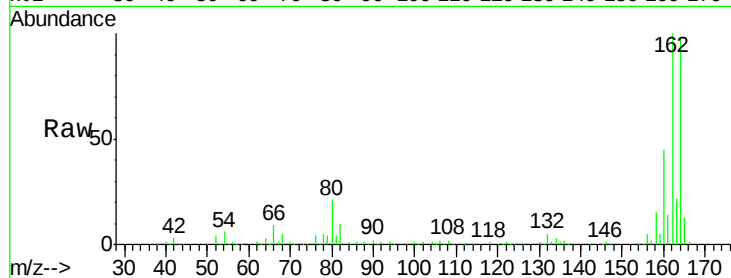
Tot Ion:164 Resp: 195045

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

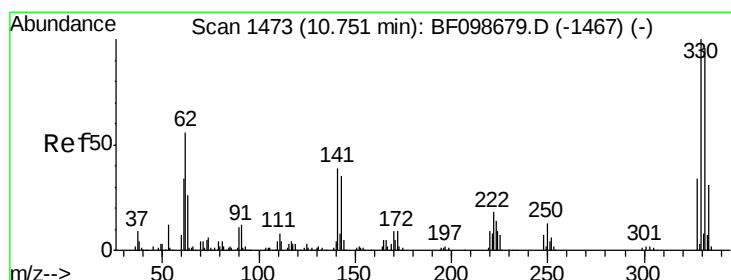
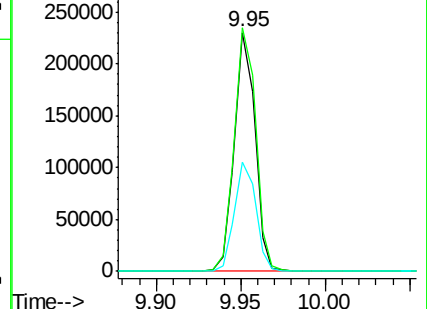
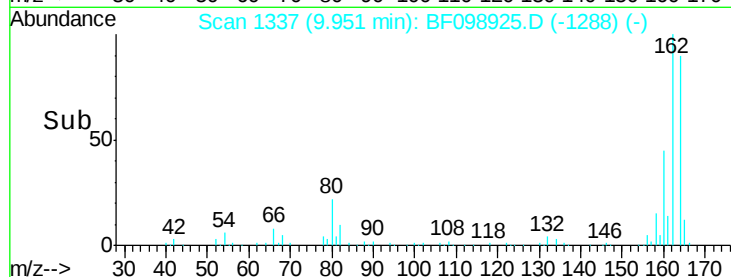
160 45.8 38.3 57.5



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: 101.78 ng

RT: 10.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BF098925.D

Acq: 28 Sep 2017 23:52

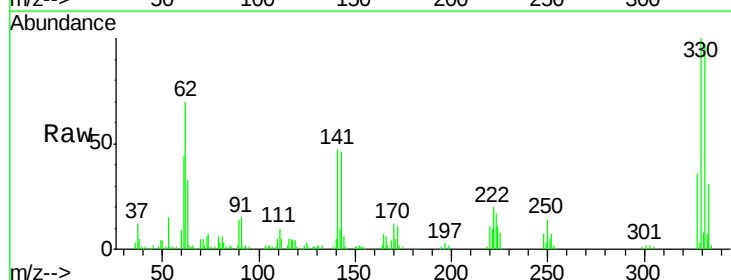
Tgt Ion:330 Resp: 162436

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

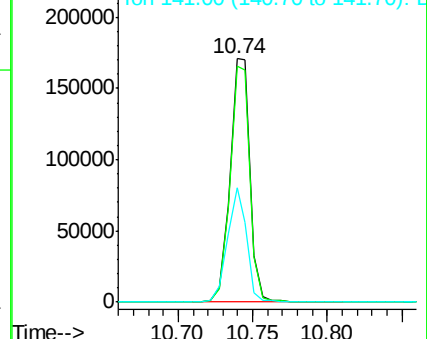
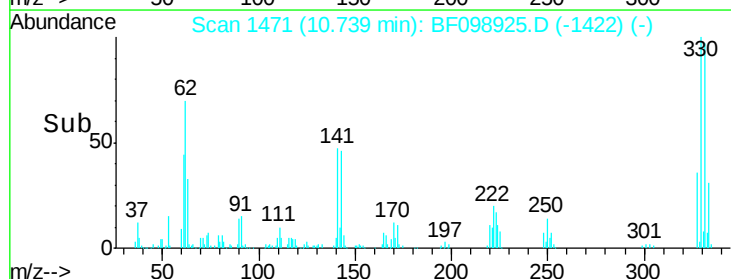
141 44.8 29.9 44.9

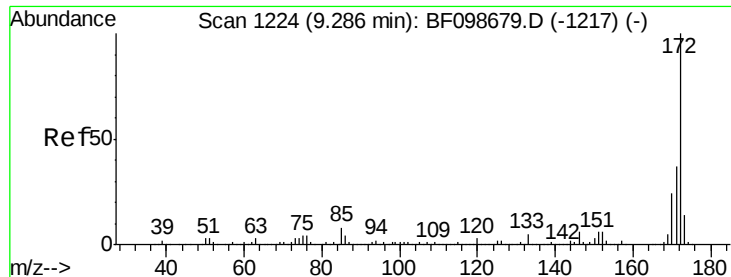


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

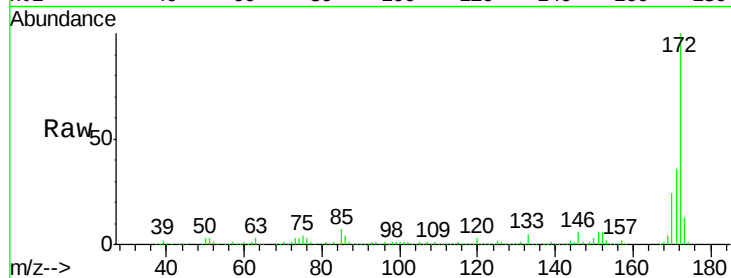




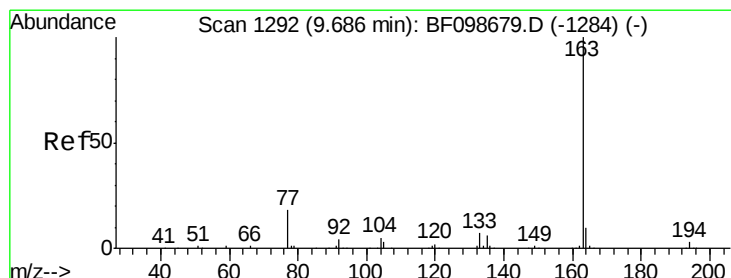
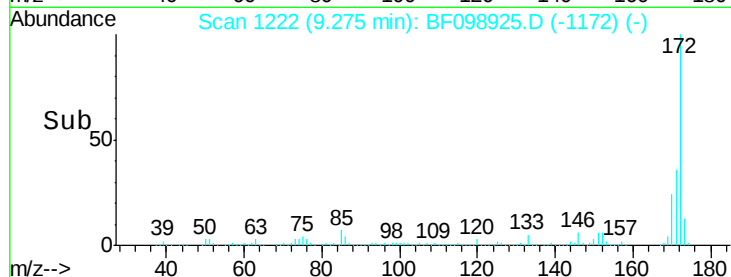
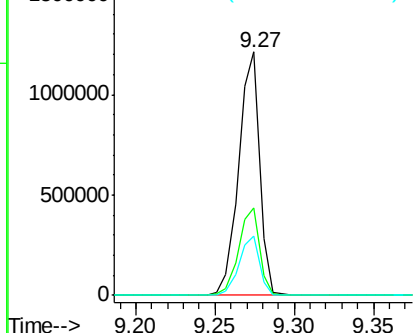
#44
2-Fluorobiphenyl
Concen: 95.25 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1112893
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.4 19.6 29.4

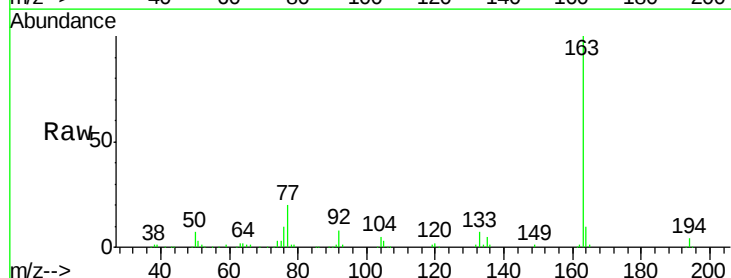


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

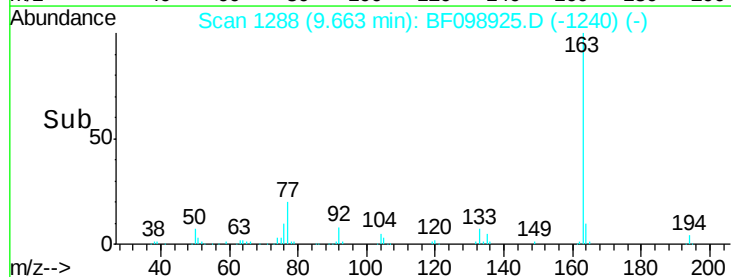
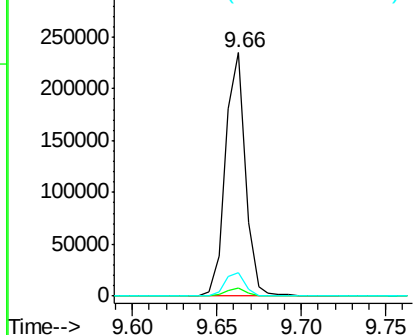


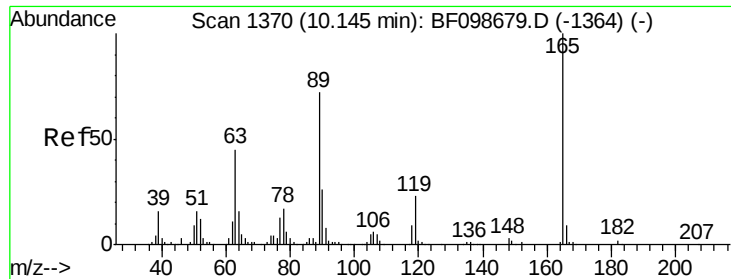
#49
Dimethylphthalate
Concen: 13.09 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Tgt Ion:163 Resp: 192743
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.5 8.2 12.2



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

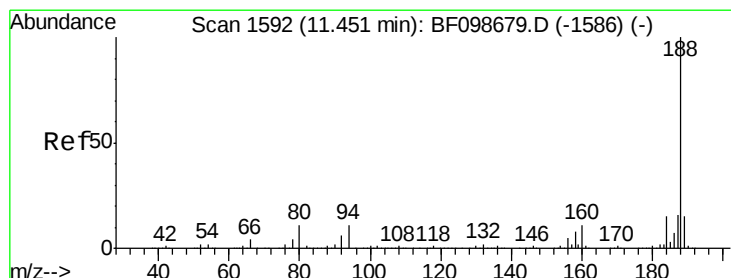
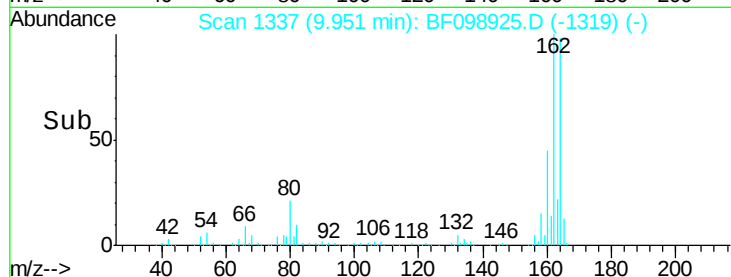
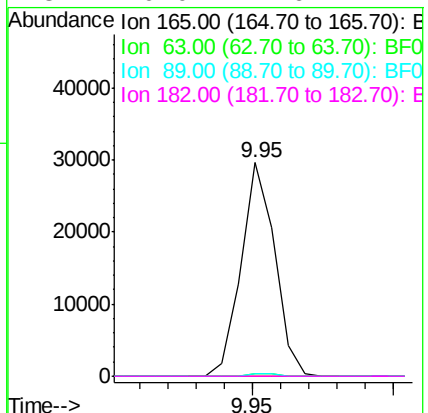
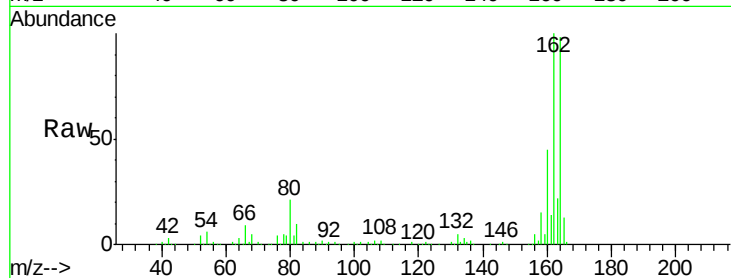




#56
 2,4-Dinitrotoluene
 Concen: 5.88 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.19 min
 Lab File: BF098925.D
 Acq: 28 Sep 2017 23:52

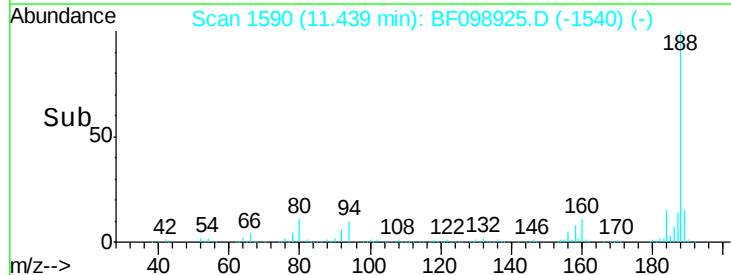
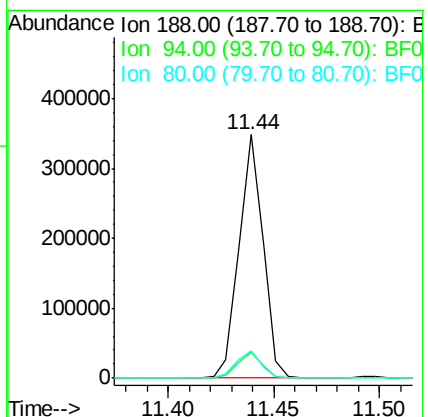
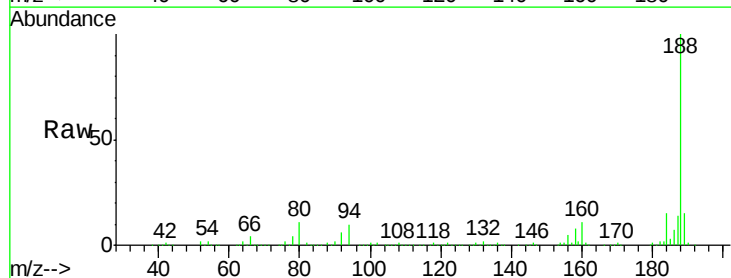
Instrument :
 BNA_F
 ClientSampleId :

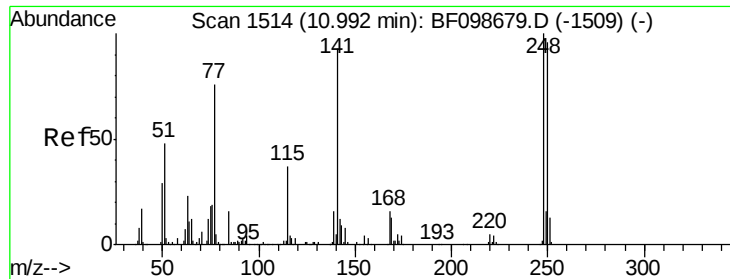
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BF098925.D
 Acq: 28 Sep 2017 23:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.2	9.2	13.8

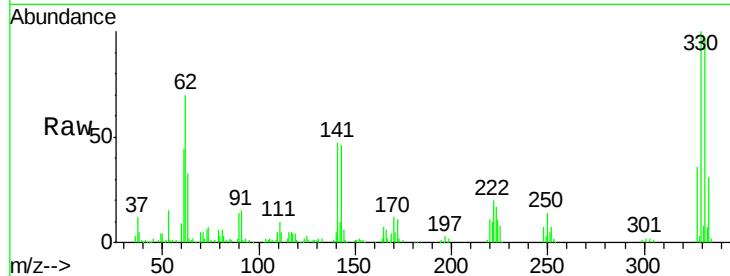




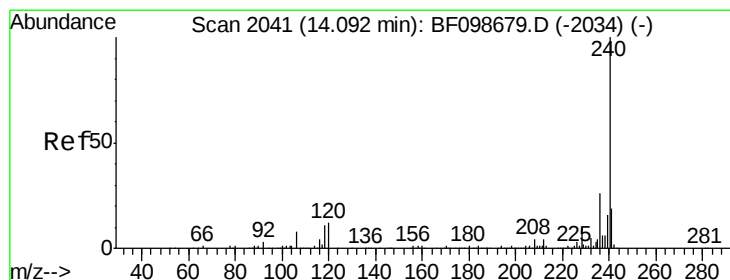
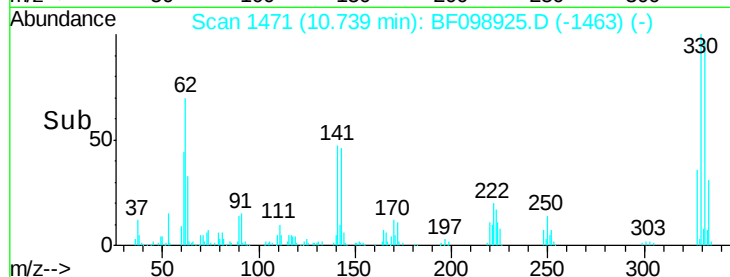
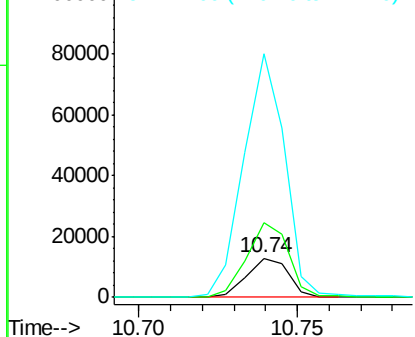
#66
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.25 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11672
Ion Ratio Lower Upper
248 100
250 193.0 76.9 115.3#
141 627.2 74.4 111.6#

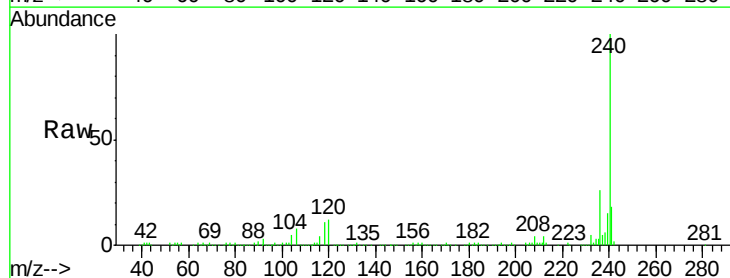


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

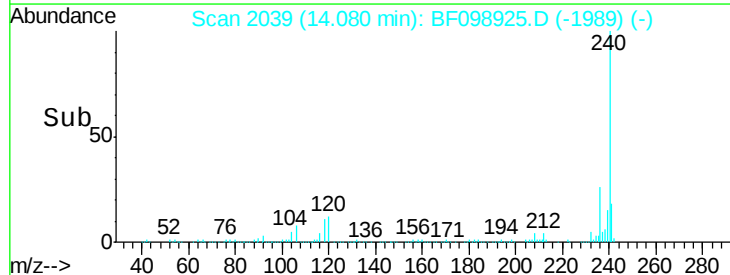
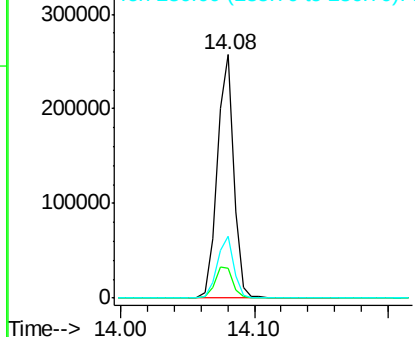


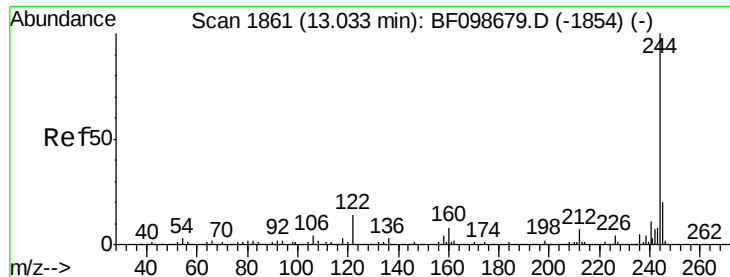
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 2039
Delta R.T. -0.01 min
Lab File: BF098925.D
Acq: 28 Sep 2017 23:52

Tgt Ion:240 Resp: 224265
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.6 20.7 31.1



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: 71.45 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098925.D

Acq: 28 Sep 2017 23:52

Instrument :

BNA_F

ClientSampleId :

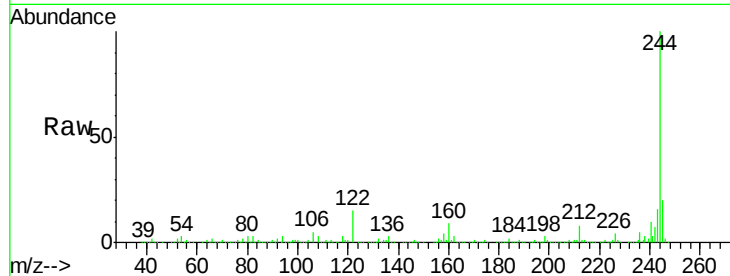
Tot Ion:244 Resp: 704634

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

122 15.0 11.0 16.4



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

13.02

800000

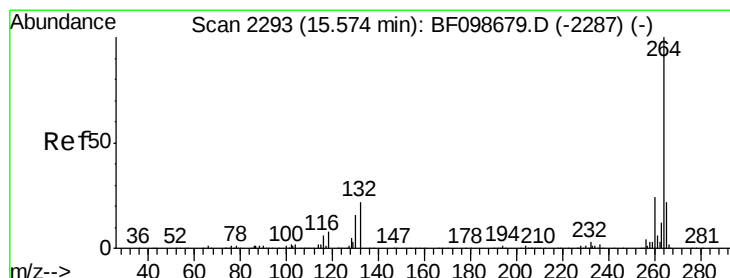
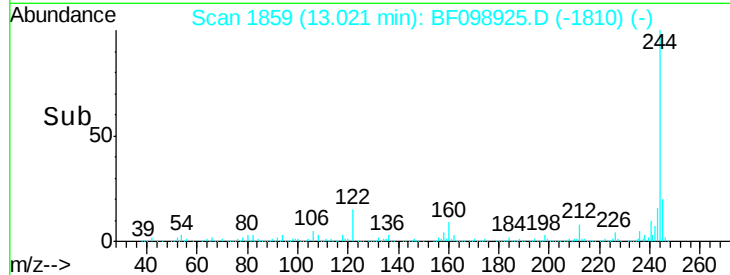
600000

400000

200000

0

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BF098925.D

Acq: 28 Sep 2017 23:52

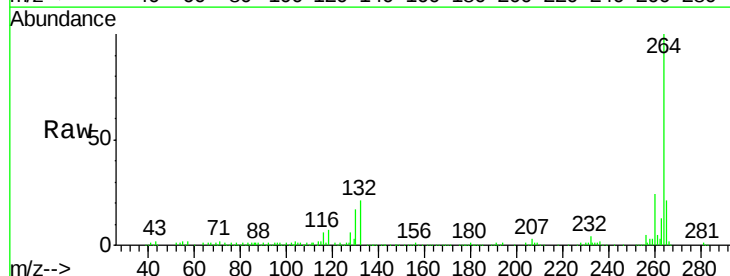
Tgt Ion:264 Resp: 225059

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.4 17.5 26.3



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

15.57

250000

200000

150000

100000

50000

0

Time-->

