

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099543.D
 Acq On : 16 Oct 2017 14:40
 Operator : SJ/JU
 Sample : I5841-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:25:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

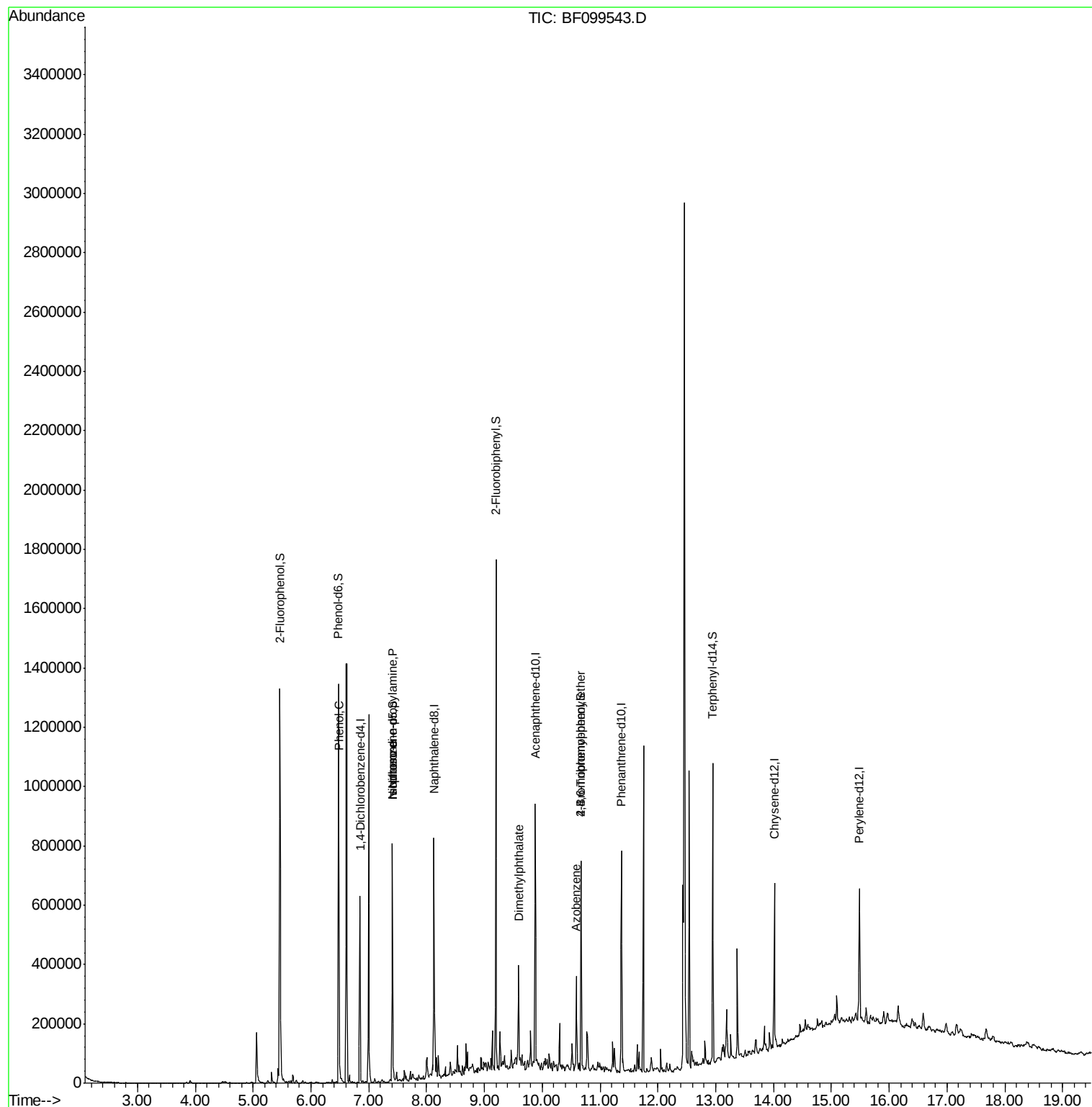
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97915	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	384742	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	159811	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	243037	20.00	ng	0.00
75) Chrysene-d12	14.02	240	177661	20.00	ng	0.00
86) Perylene-d12	15.49	264	191928	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	405381	65.91	ng	0.00
7) Phenol-d6	6.47	99	474957	62.60	ng	-0.01
23) Nitrobenzene-d5	7.40	82	277534	46.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	76698	58.65	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	486211	50.79	ng	-0.01
78) Terphenyl-d14	12.95	244	294003	37.63	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.49	94	25450	3.00	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	35682	7.37	ng	# 75
25) Isophorone	7.40	82	274900	22.16	ng	# 64
49) Dimethylphthalate	9.59	163	85949	7.13	ng	100
62) Azobenzene	10.59	77	45416	4.19	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	5041	2.12	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: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF099543.D

Acq: 16 Oct 2017 14:40

Instrument :

BNA_F

ClientSampleId :

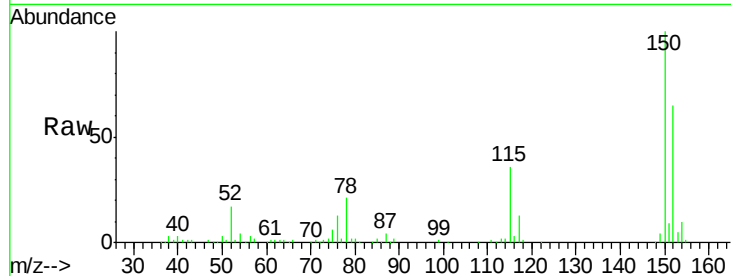
Tot Ion:152 Resp: 97915

Ion Ratio Lower Upper

152 100

150 153.2 124.6 186.8

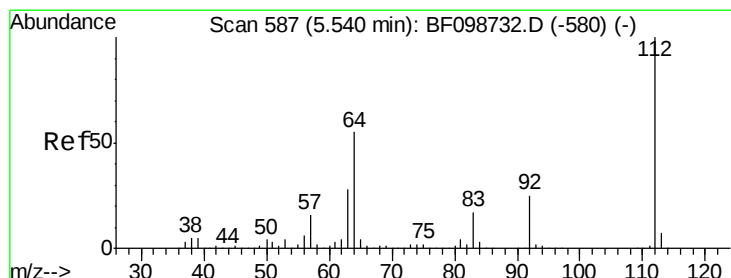
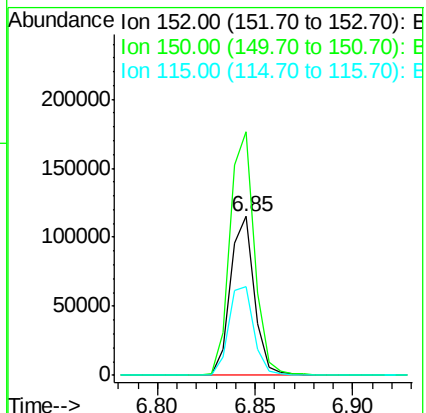
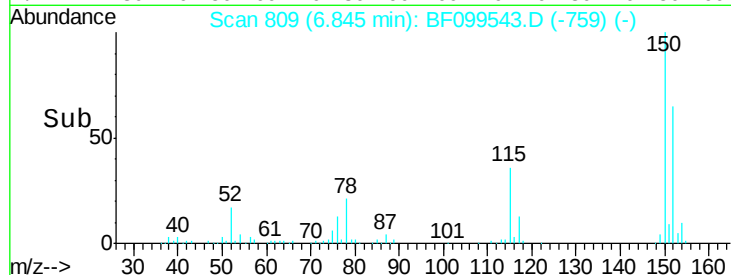
115 55.5 50.1 75.1



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: 65.91 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF099543.D

Acq: 16 Oct 2017 14:40

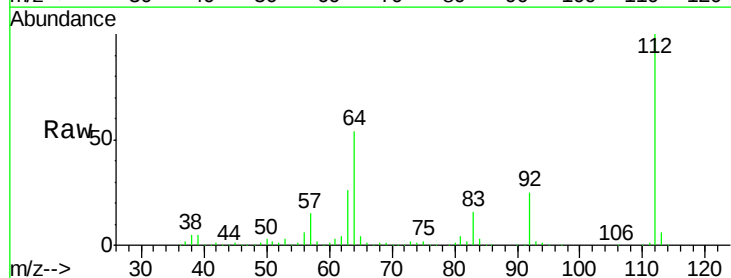
Tgt Ion:112 Resp: 405381

Ion Ratio Lower Upper

112 100

64 53.6 47.9 71.9

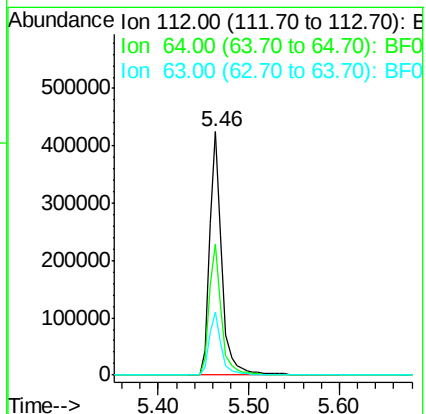
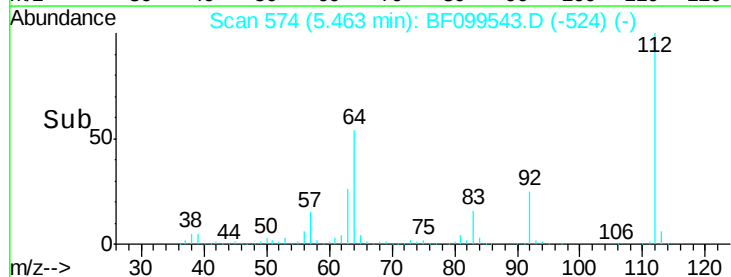
63 26.2 23.7 35.5

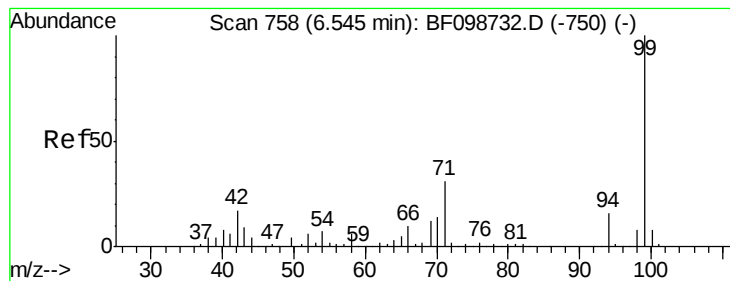


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 62.60 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099543.D

Acq: 16 Oct 2017 14:40

Instrument :

BNA_F

ClientSampleId :

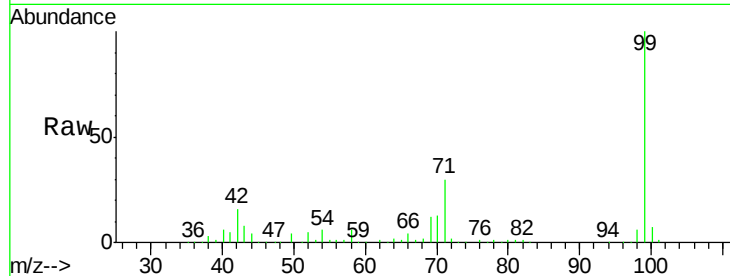
Tot Ion: 99 Resp: 474957

Ion Ratio Lower Upper

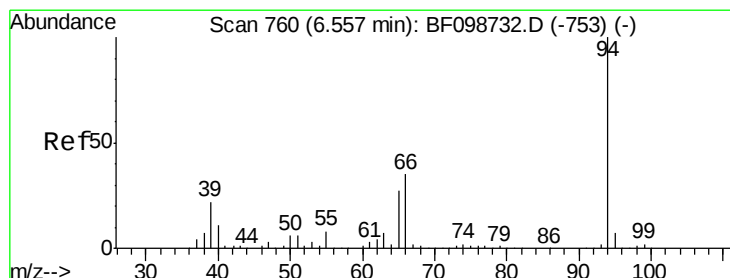
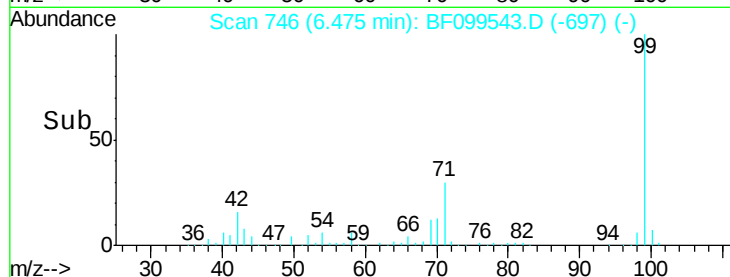
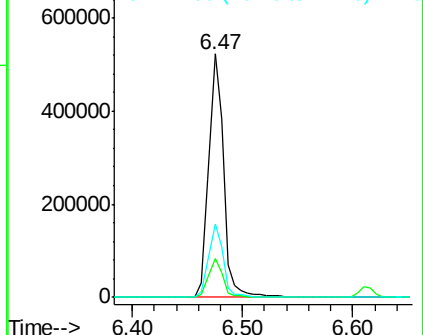
99 100

42 15.9 14.5 21.7

71 30.2 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: 3.00 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099543.D

Acq: 16 Oct 2017 14:40

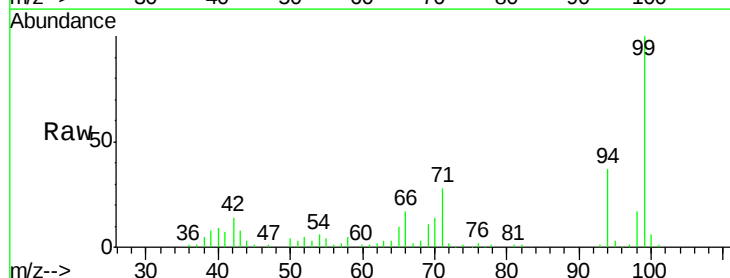
Tgt Ion: 94 Resp: 25450

Ion Ratio Lower Upper

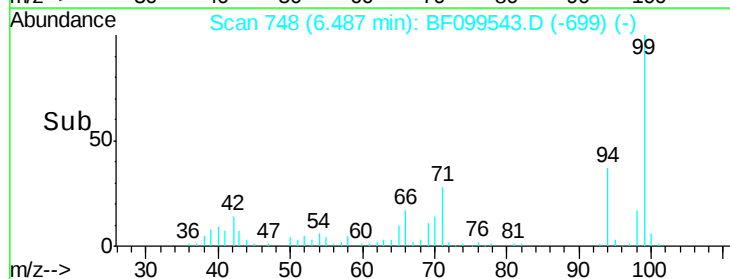
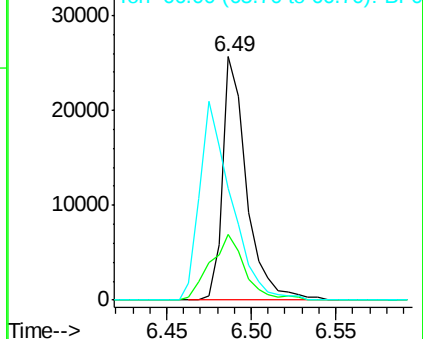
94 100

65 26.9 7.9 47.9

66 45.9 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

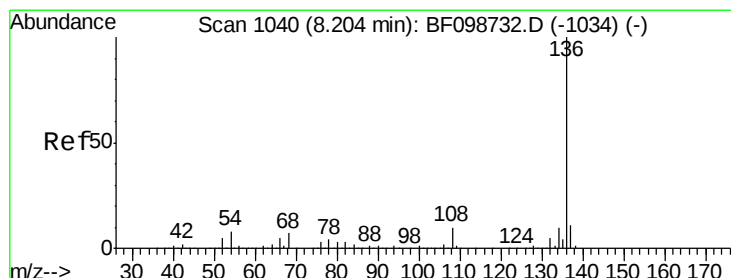
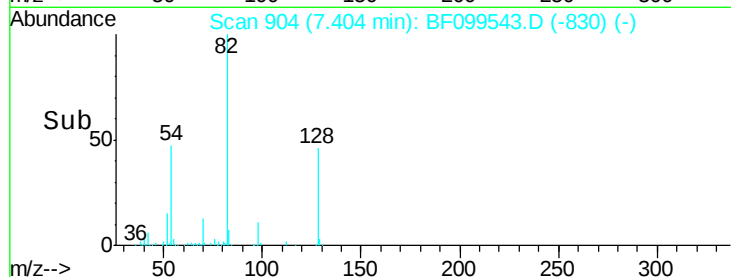
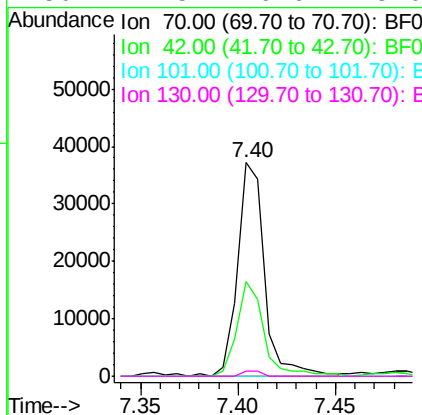
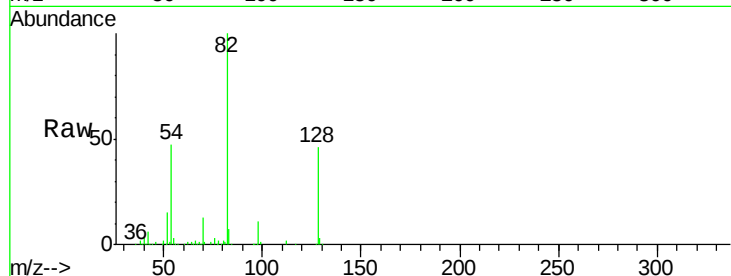




#19
n-Nitroso-di-n-propylamine
Concen: 7.37 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.14 min
Lab File: BF099543.D
Acq: 16 Oct 2017 14:40

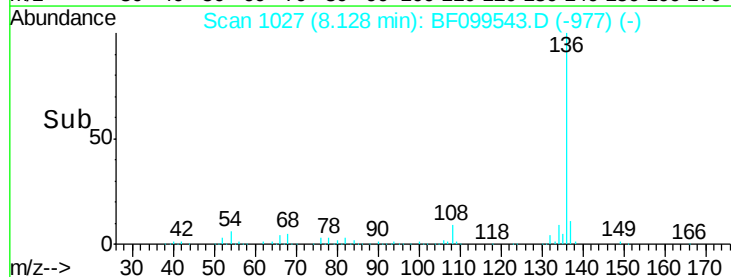
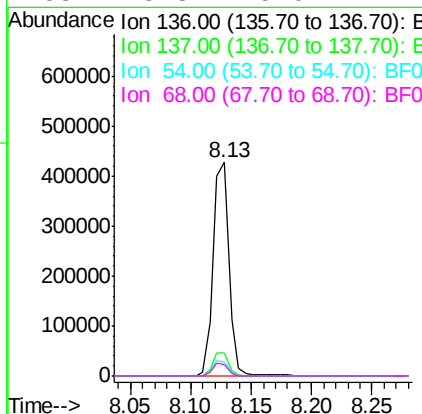
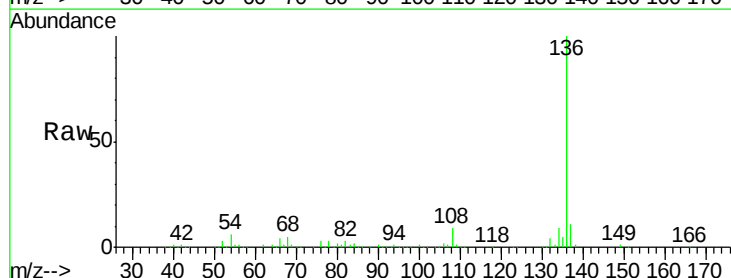
Instrument :
BNA_F
ClientSampleId :

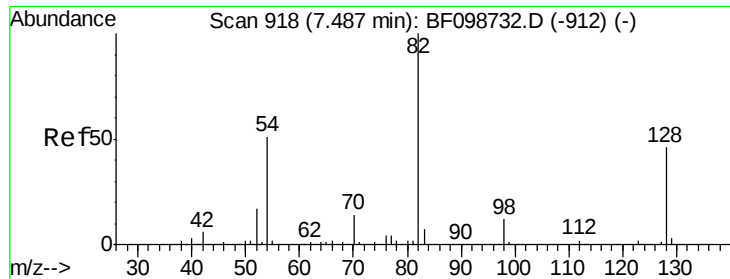
Tot Ion: 70 Resp: 35682
Ion Ratio Lower Upper
70 100
42 44.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099543.D
Acq: 16 Oct 2017 14:40

Tgt Ion: 136 Resp: 384742
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 6.3 6.6 9.8#
68 5.3 5.0 7.4

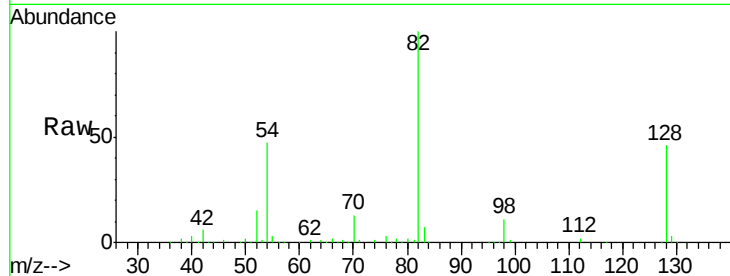




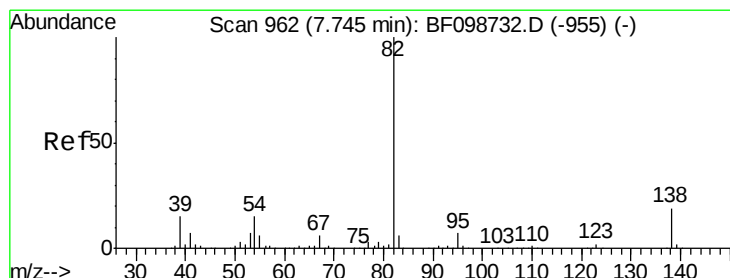
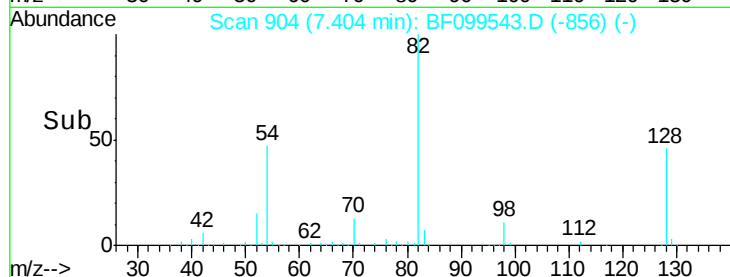
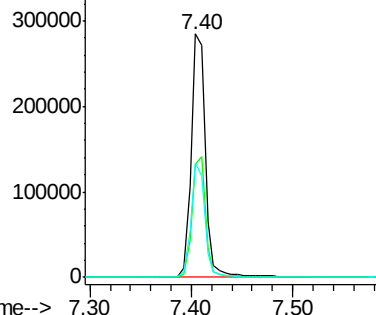
#23
 Nitrobenzene-d5
 Concen: 46.26 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BF099543.D
 Acq: 16 Oct 2017 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 277534
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 47.0 41.4 62.2

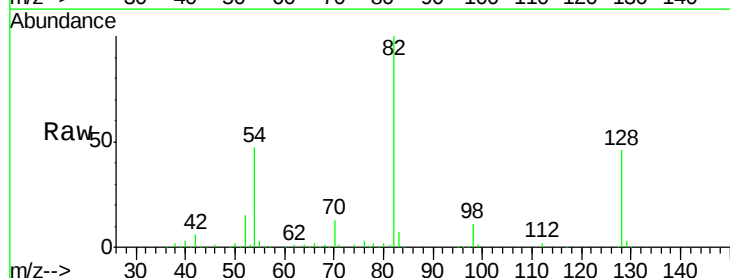


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

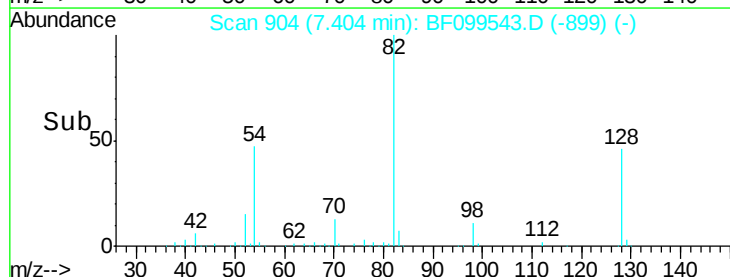
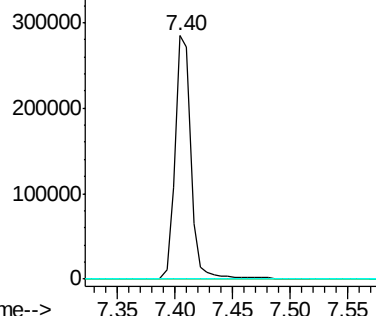


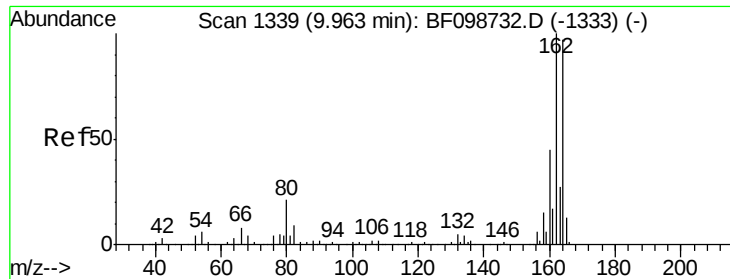
#25
 Isophorone
 Concen: 22.16 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.27 min
 Lab File: BF099543.D
 Acq: 16 Oct 2017 14:40

Tgt Ion: 82 Resp: 274900
 Ion Ratio Lower Upper
 82 100
 95 0.1 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

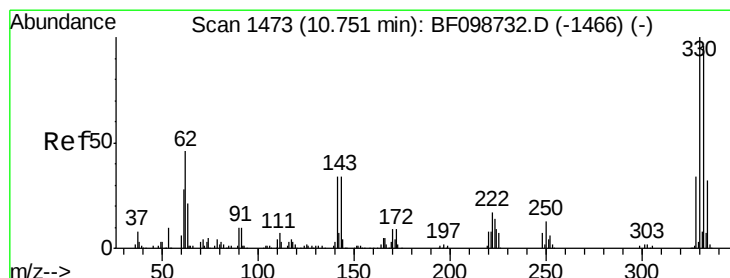
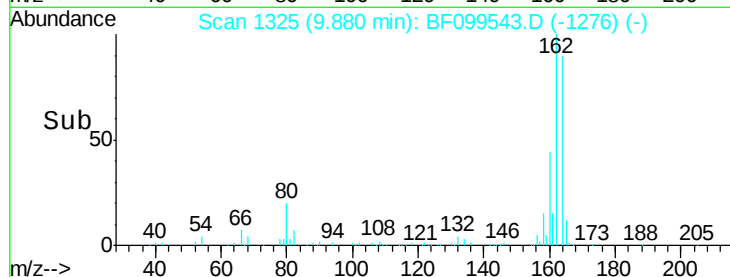
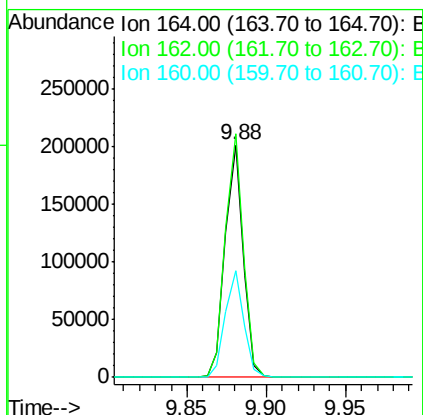
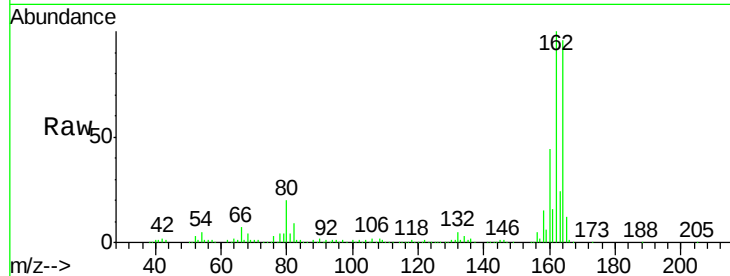




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF099543.D
 Acq: 16 Oct 2017 14:40

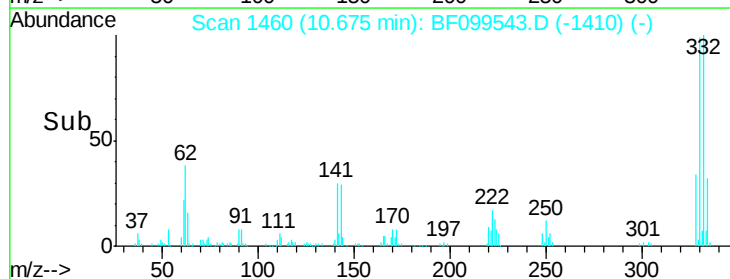
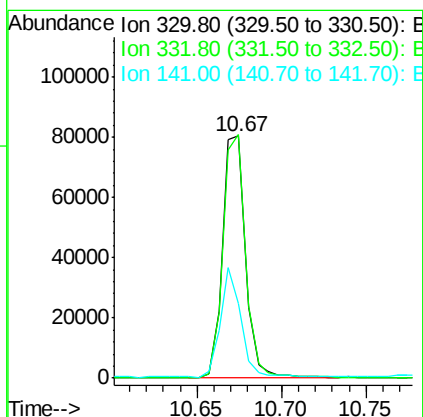
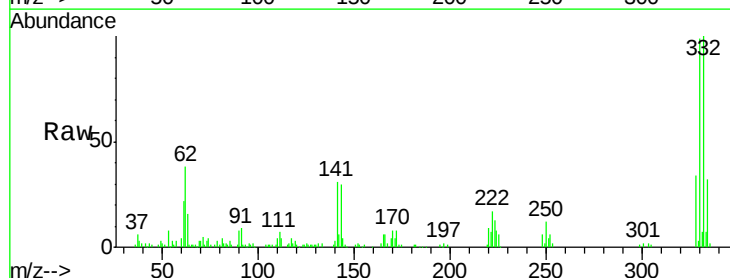
Instrument :
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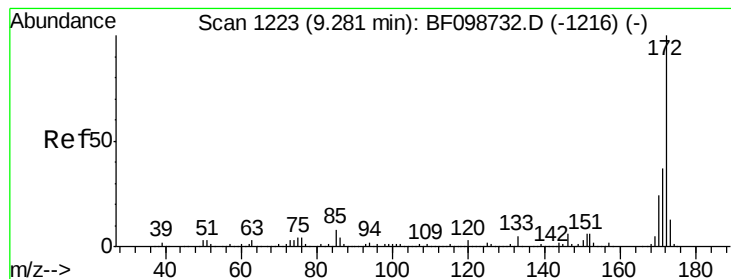
Tot Ion:164 Resp: 159811
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 45.9 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 58.65 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099543.D
 Acq: 16 Oct 2017 14:40

Tgt Ion:330 Resp: 76698
 Ion Ratio Lower Upper
 330 100
 332 98.9 77.0 115.6
 141 40.1 29.9 44.9





#44

2-Fluorobiphenyl

Concen: 50.79 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF099543.D

Acq: 16 Oct 2017 14:40

Instrument :

BNA_F

ClientSampleId :

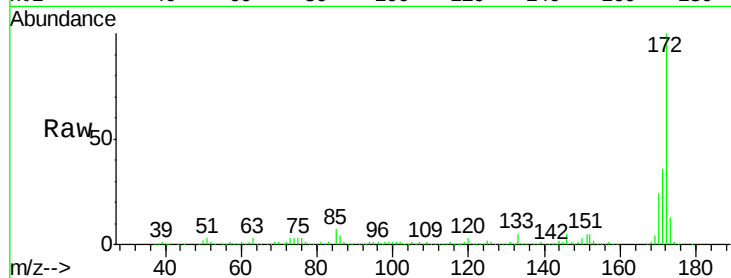
Tot Ion:172 Resp: 486211

Ion Ratio Lower Upper

172 100

171 36.4 29.7 44.5

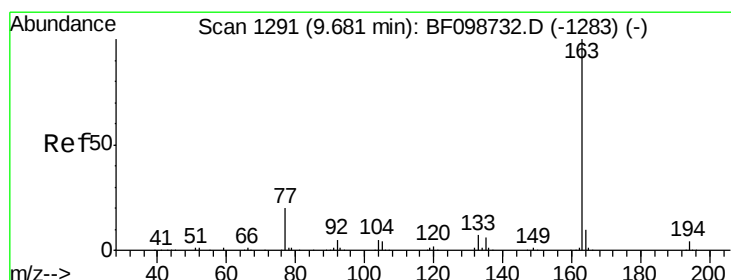
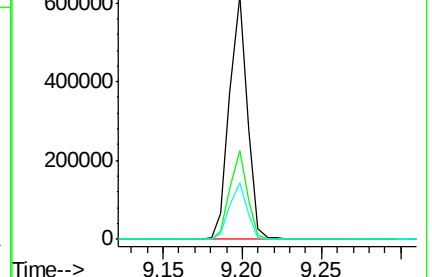
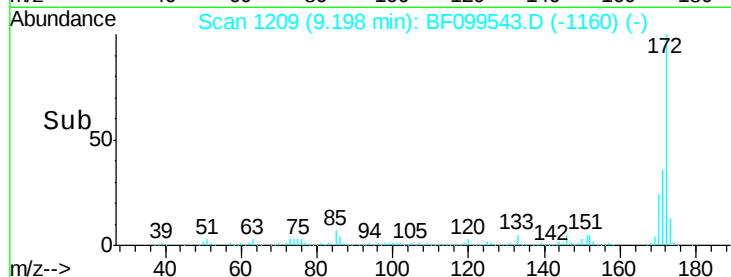
170 23.6 19.6 29.4



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: 7.13 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF099543.D

Acq: 16 Oct 2017 14:40

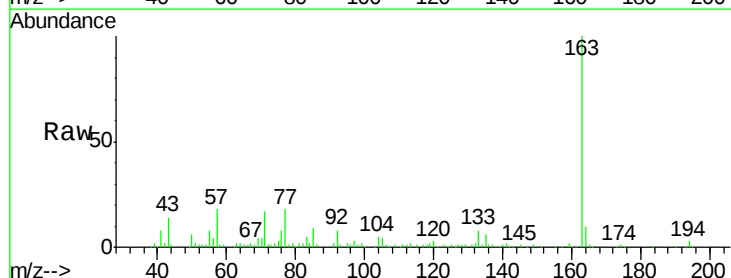
Tgt Ion:163 Resp: 85949

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

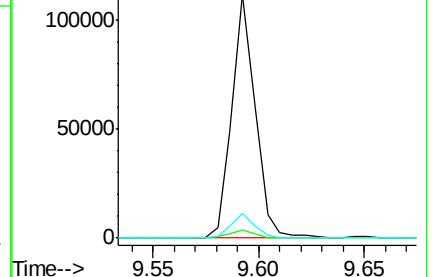
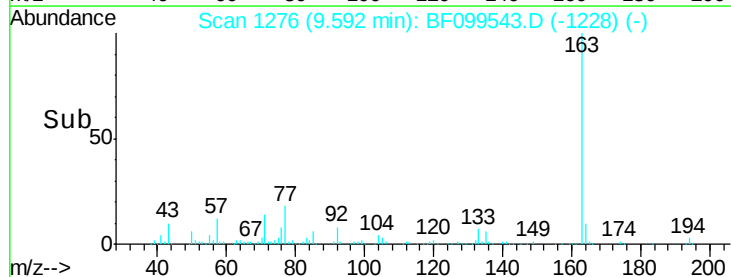
164 10.4 8.2 12.2

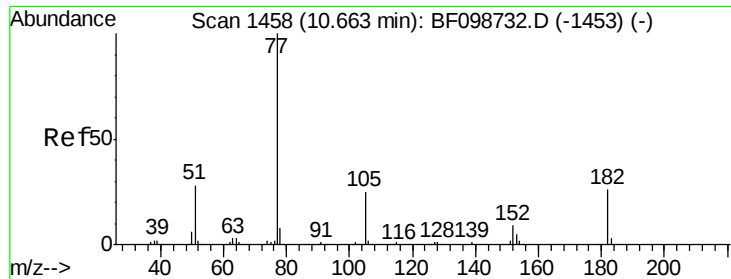


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#62

Azobenzene

Concen: 4.19 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

Lab File: BF099543.D

Acq: 16 Oct 2017 14:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 45416

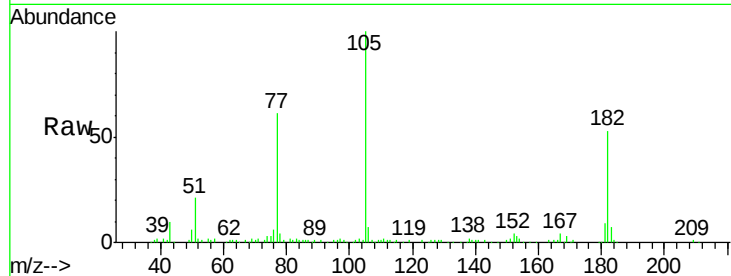
Ion Ratio Lower Upper

77 100

182 87.0 1.7 41.7#

105 165.0 3.0 43.0#

51 33.9 9.9 49.9

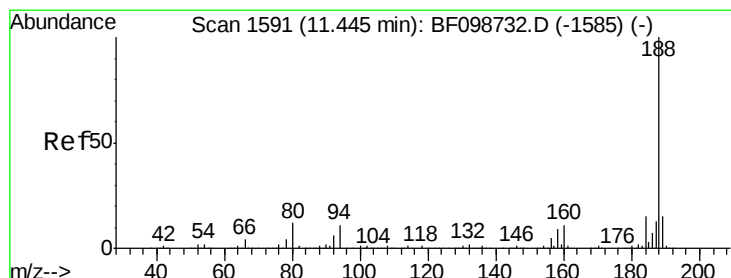
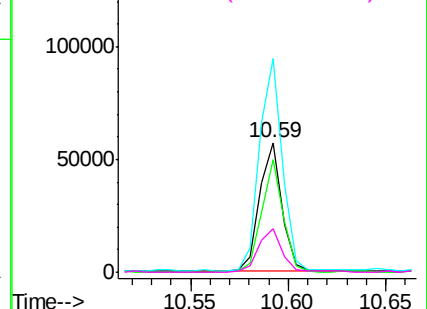
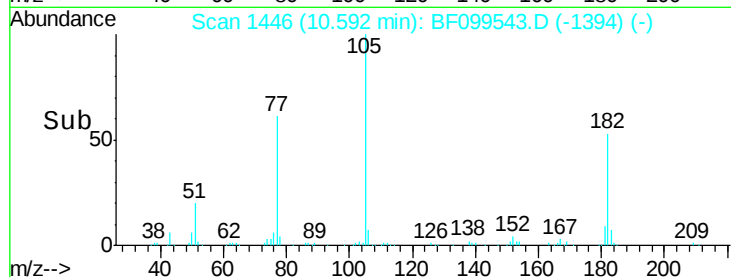


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF099543.D

Acq: 16 Oct 2017 14:40

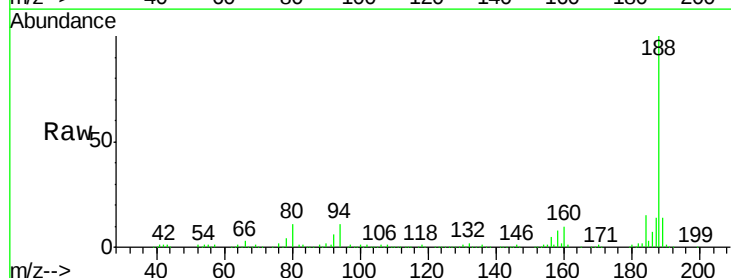
Tgt Ion: 188 Resp: 243037

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

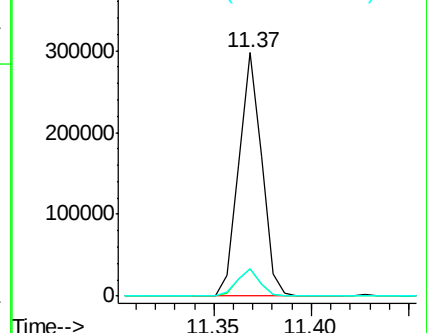
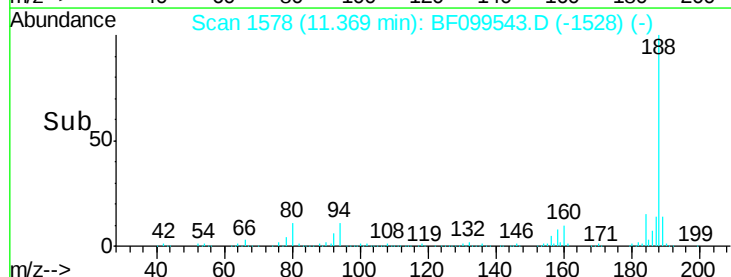
80 11.0 9.2 13.8

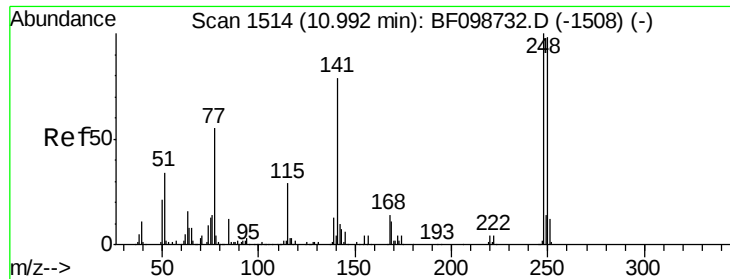


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

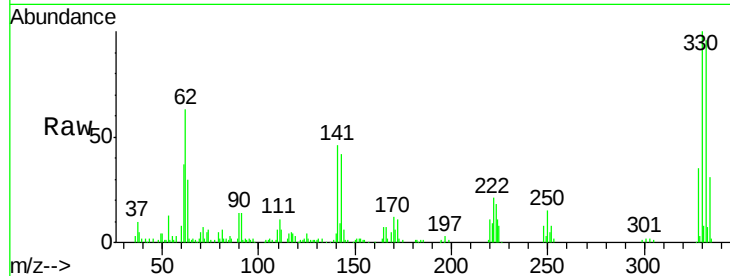




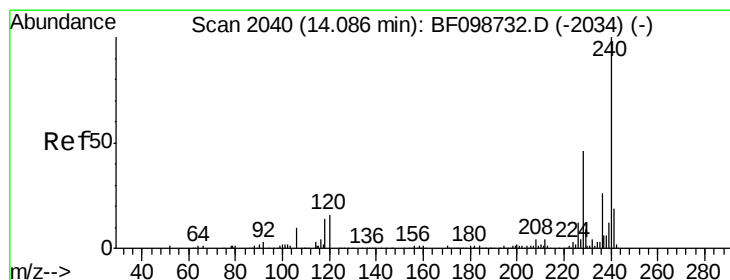
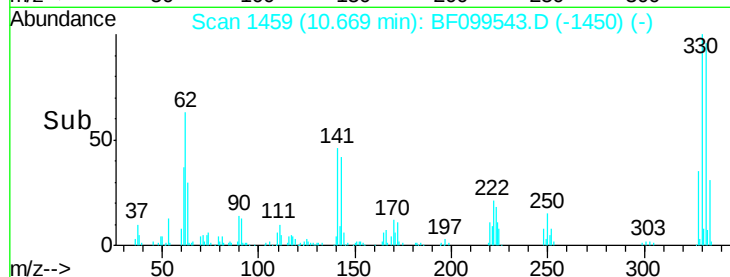
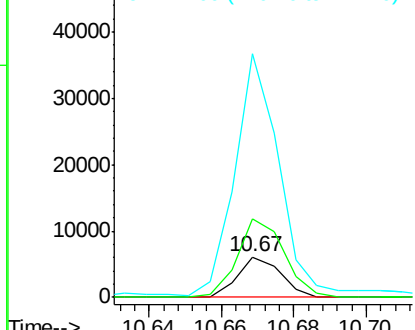
#66
 4-Bromophenyl-phenylether
 Concen: 2.12 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF099543.D
 Acq: 16 Oct 2017 14:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 5041
 Ion Ratio Lower Upper
 248 100
 250 192.9 76.9 115.3#
 141 600.8 74.4 111.6#

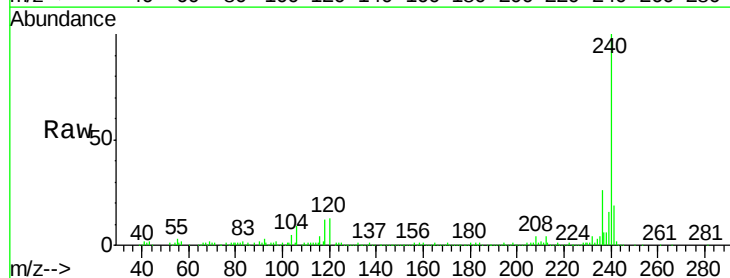


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

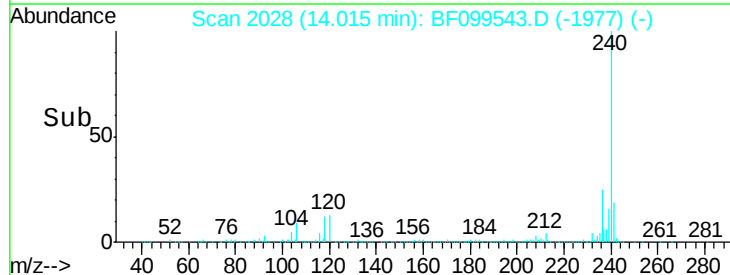
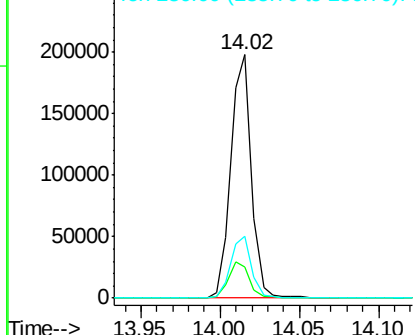


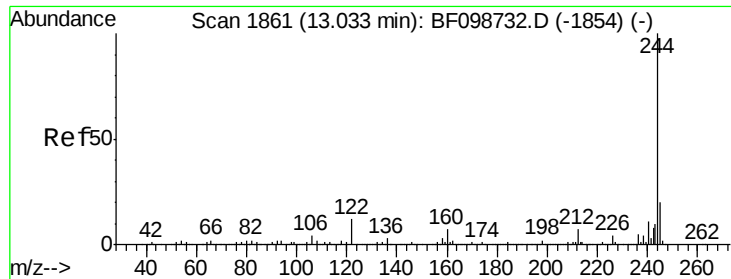
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF099543.D
 Acq: 16 Oct 2017 14:40

Tgt Ion:240 Resp: 177661
 Ion Ratio Lower Upper
 240 100
 120 13.0 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

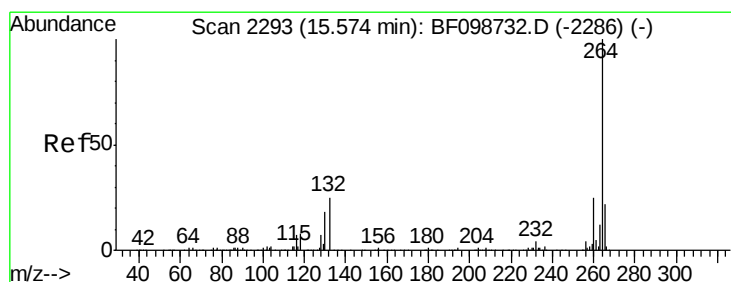
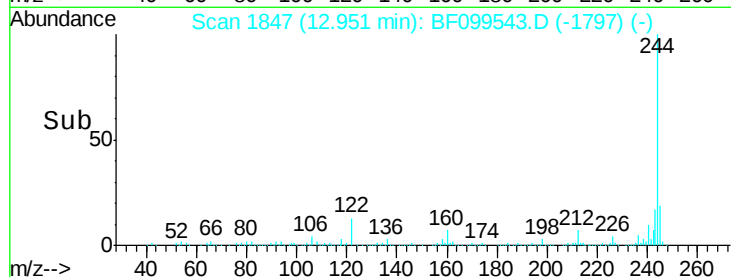
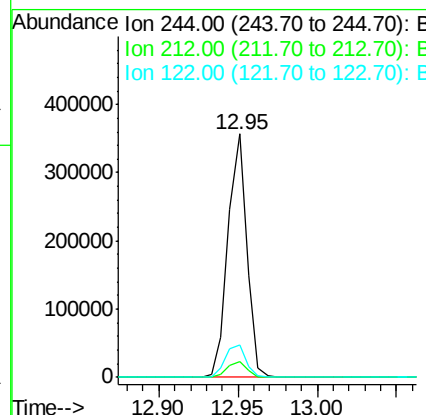
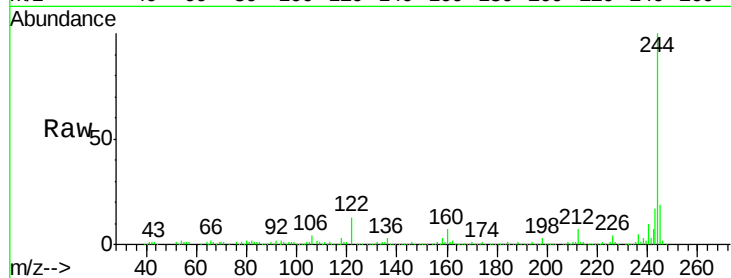




#78
 Terphenyl-d14
 Concen: 37.63 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099543.D
 Acq: 16 Oct 2017 14:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	13.1	11.0	16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099543.D
 Acq: 16 Oct 2017 14:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.2	17.5	26.3

