

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100617\
 Data File : BF099162.D
 Acq On : 6 Oct 2017 22:07
 Operator : SJ/JU
 Sample : I5516-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 23:00:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

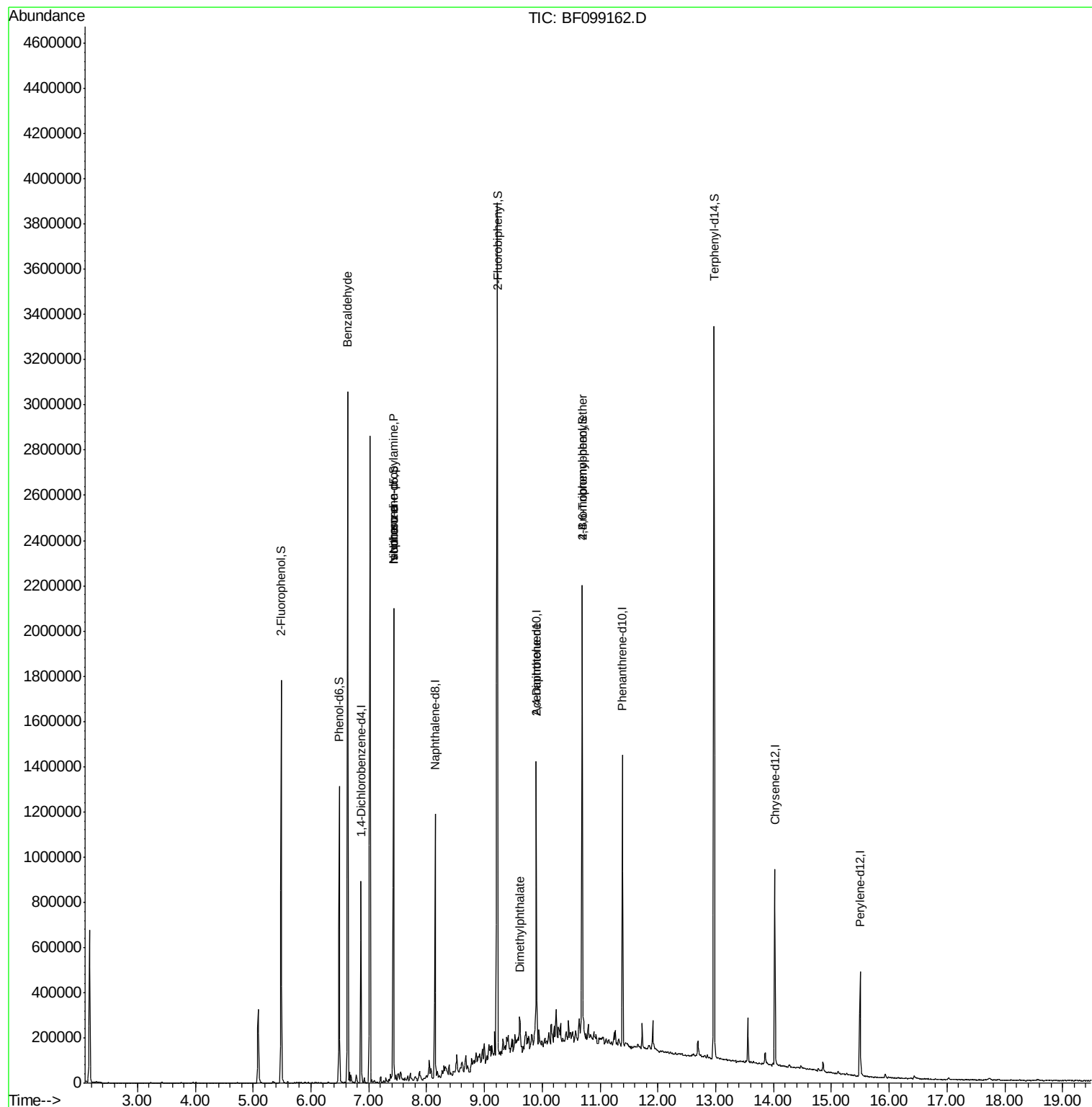
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	124885	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	511806	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	237848	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	426635	20.00	ng	0.00
75) Chrysene-d12	14.02	240	276405	20.00	ng	-0.01
86) Perylene-d12	15.50	264	204056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	555783	70.85	ng	0.00
7) Phenol-d6	6.49	99	436439	45.10	ng	-0.01
23) Nitrobenzene-d5	7.43	82	792230	99.27	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	273907	140.74	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1328683	93.26	ng	0.00
78) Terphenyl-d14	12.97	244	1216920	100.13	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	18537	3.30	ng	# 82
19) n-Nitroso-di-n-propylamine	7.43	70	103344	16.73	ng	# 74
25) Isophorone	7.43	82	788972	47.82	ng	# 64
49) Dimethylphthalate	9.61	163	41843	2.33	ng	96
56) 2,4-Dinitrotoluene	9.90	165	30010	5.92	ng	# 24
66) 4-Bromophenyl-phenylether	10.69	248	17902	4.29	ng	# 1

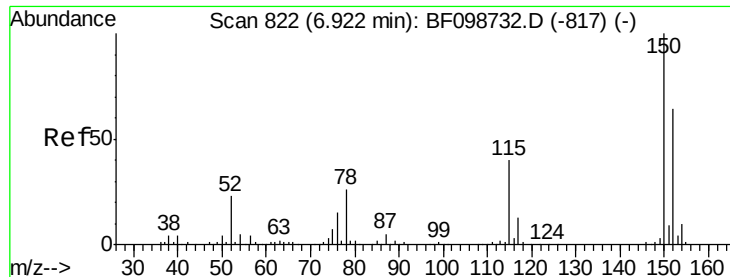
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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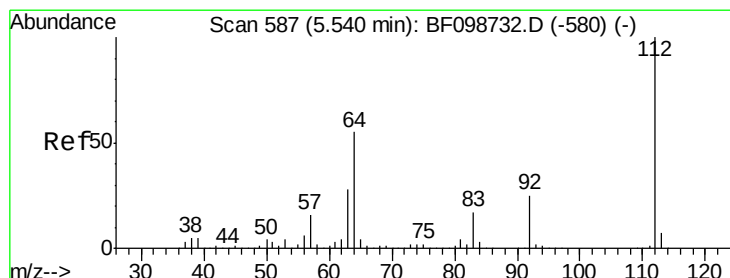
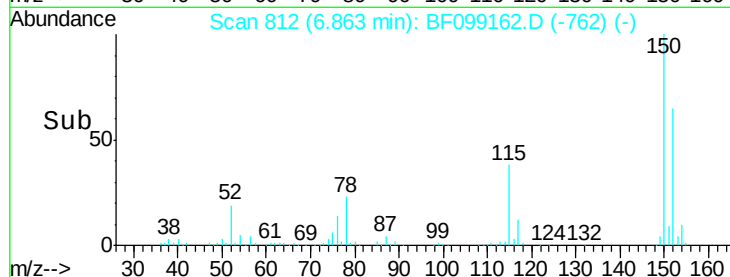
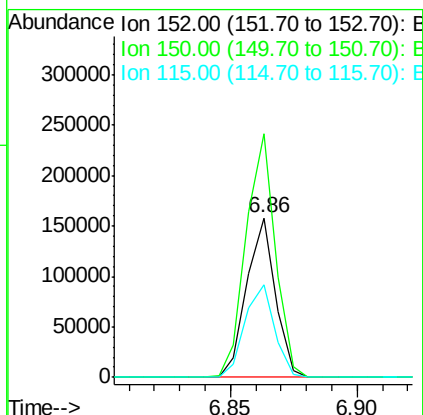
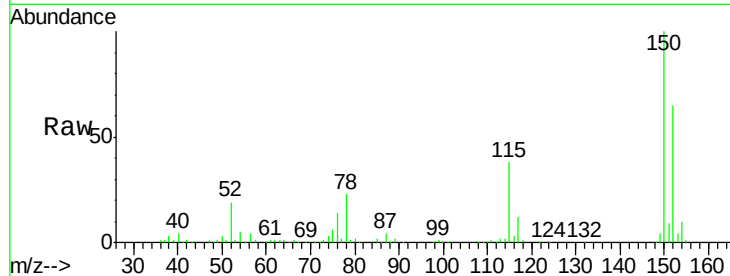


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099162.D
Acq: 6 Oct 2017 22:07

Instrument :
BNA_F
ClientSampleId :

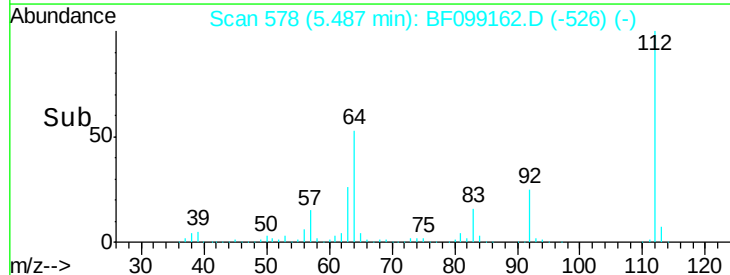
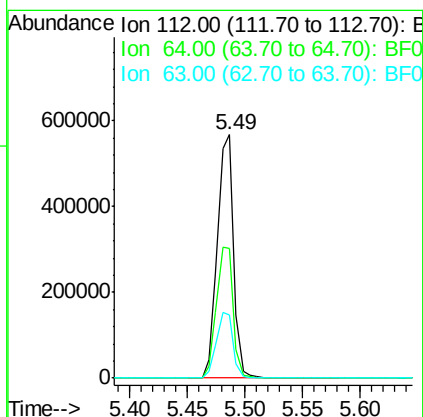
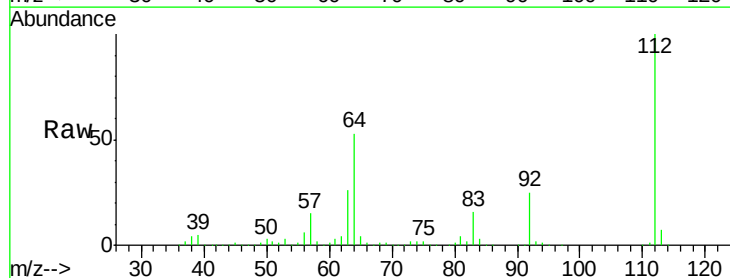
Tot Ion:152 Resp: 124885
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 58.3 50.1 75.1

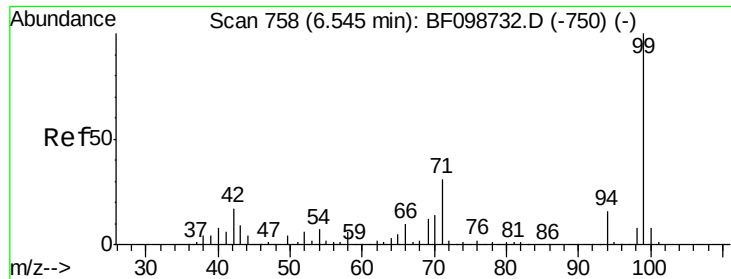


#5

2-Fluorophenol
Concen: 70.85 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099162.D
Acq: 6 Oct 2017 22:07

Tgt Ion:112 Resp: 555783
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 26.0 23.7 35.5





#7

Phenol-d6

Concen: 45.10 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099162.D

Acq: 6 Oct 2017 22:07

Instrument :

BNA_F

ClientSampleId :

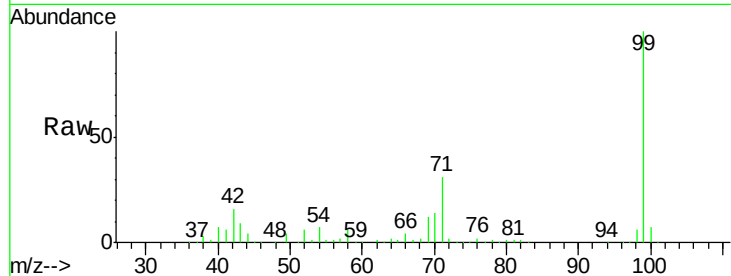
Tot Ion: 99 Resp: 436439

Ion Ratio Lower Upper

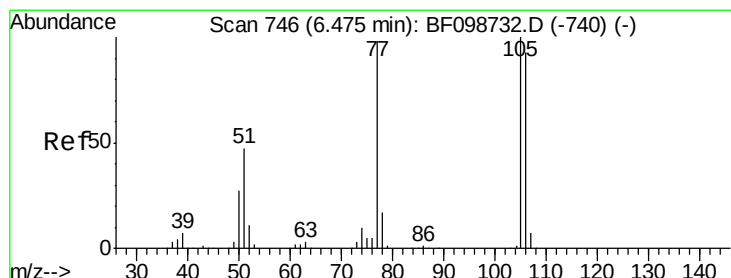
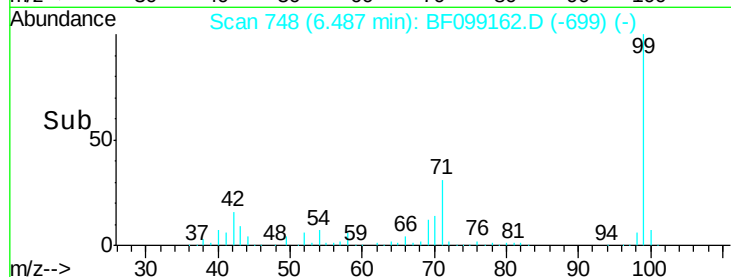
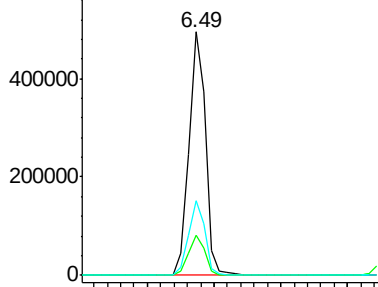
99 100

42 16.3 14.5 21.7

71 30.9 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



#9

Benzaldehyde

Concen: 3.30 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099162.D

Acq: 6 Oct 2017 22:07

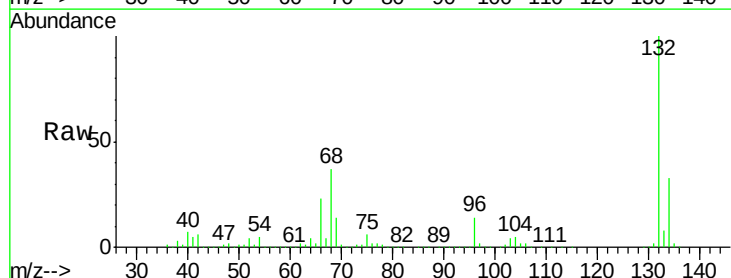
Tgt Ion: 77 Resp: 18537

Ion Ratio Lower Upper

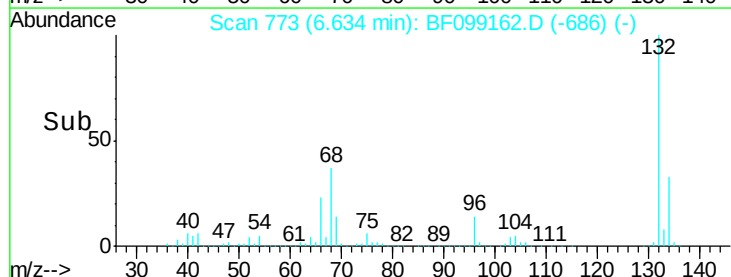
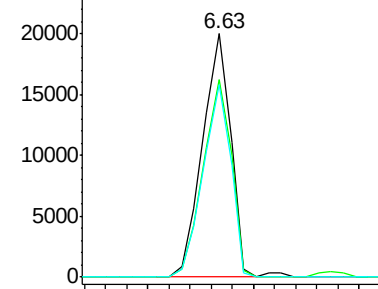
77 100

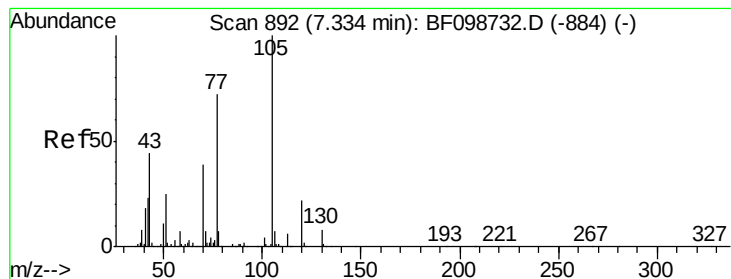
105 81.0 81.1 121.1#

106 79.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 16.73 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099162.D

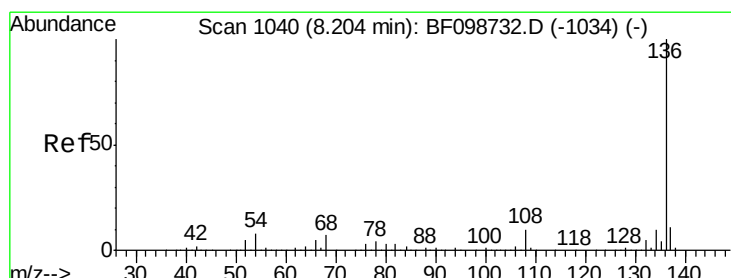
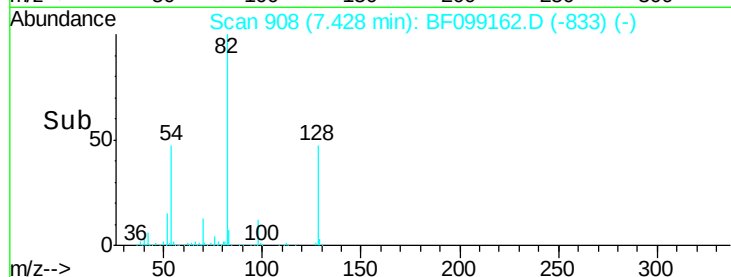
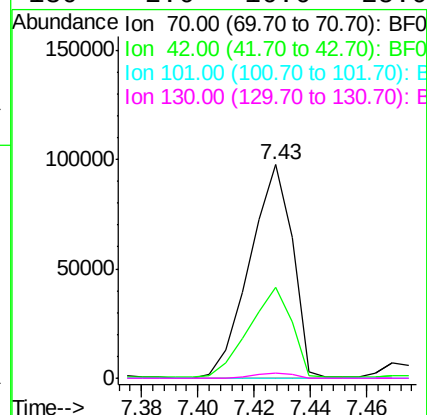
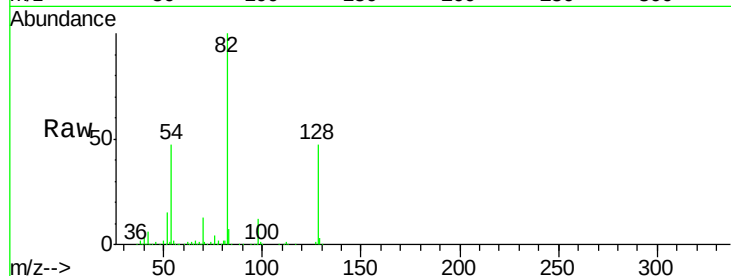
Acq: 6 Oct 2017 22:07

Instrument :

BNA_F

ClientSampled :

Tot Ion:	70	Resp:	103344
Ion	Ratio	Lower	Upper
70	100		
42	42.7	47.5	71.3#
101	0.0	7.4	11.2#
130	2.6	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

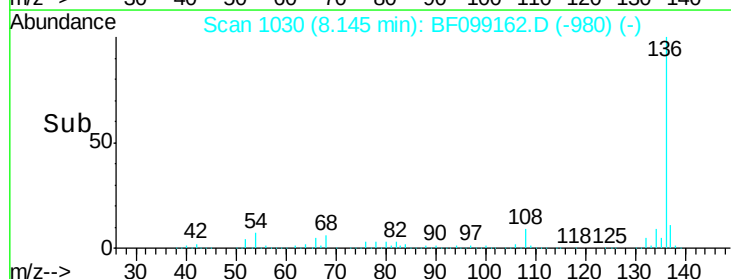
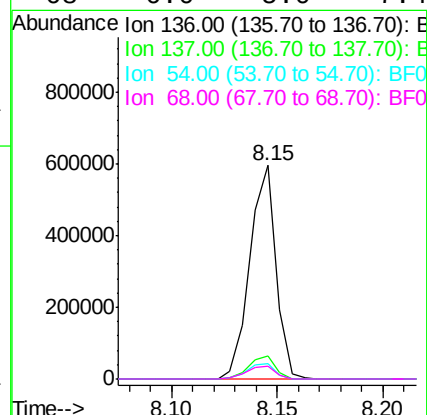
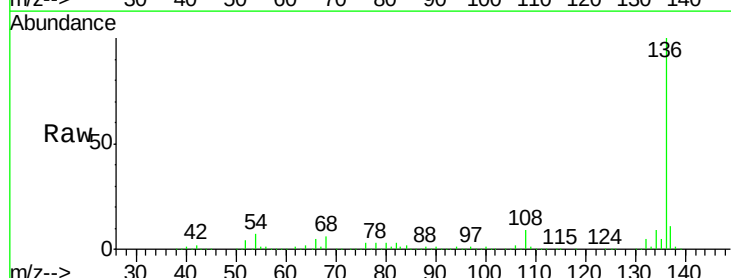
RT: 8.15 min Scan# 1030

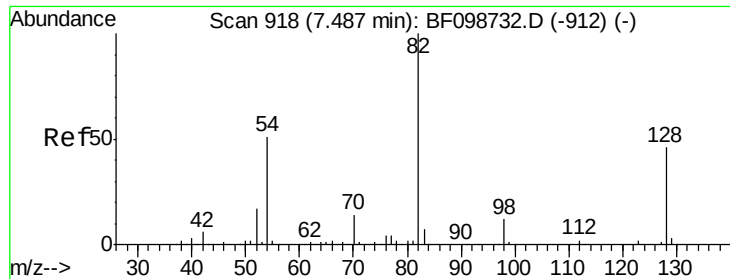
Delta R.T. -0.01 min

Lab File: BF099162.D

Acq: 6 Oct 2017 22:07

Tgt Ion:	136	Resp:	511806
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.3	6.6	9.8
68	6.0	5.0	7.4

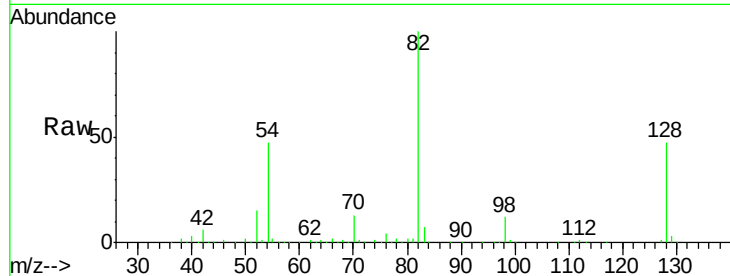




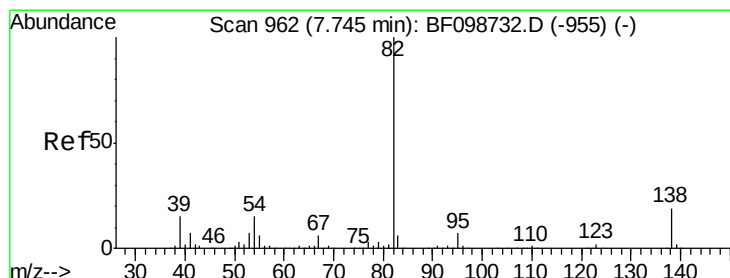
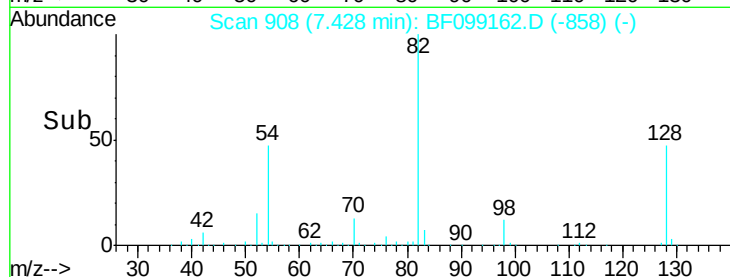
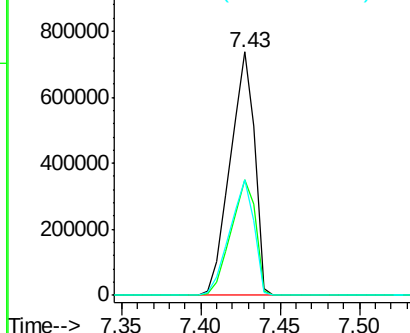
#23
Nitrobenzene-d5
Concen: 99.27 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099162.D
Acq: 6 Oct 2017 22:07

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	792230
Ion Ratio	100	Lower	Upper
128	47.4	36.1	54.1
54	47.4	41.4	62.2

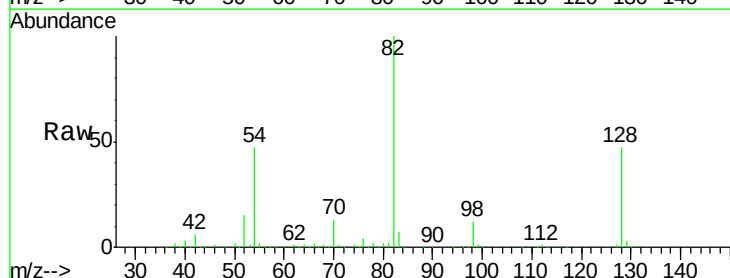


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

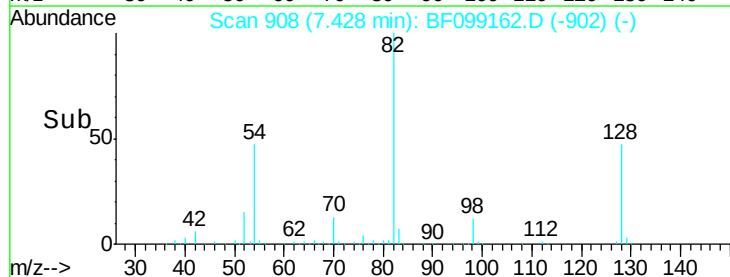
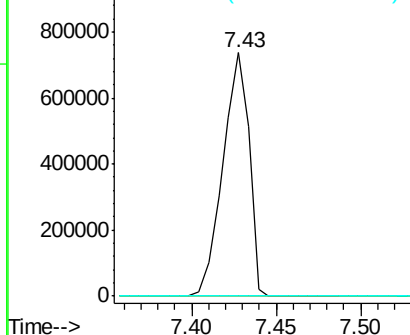


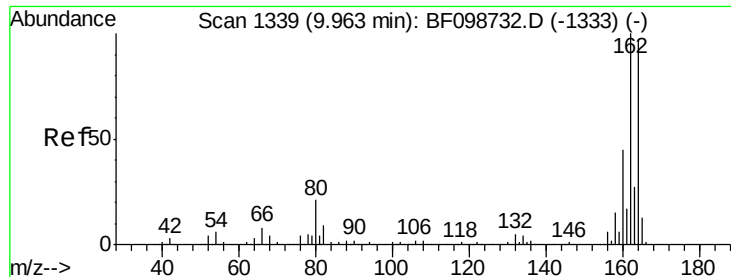
#25
Isophorone
Concen: 47.82 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099162.D
Acq: 6 Oct 2017 22:07

Tgt Ion	82	Resp	788972
Ion Ratio	100	Lower	Upper
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

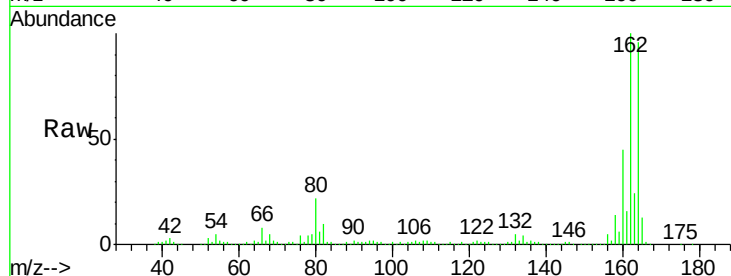




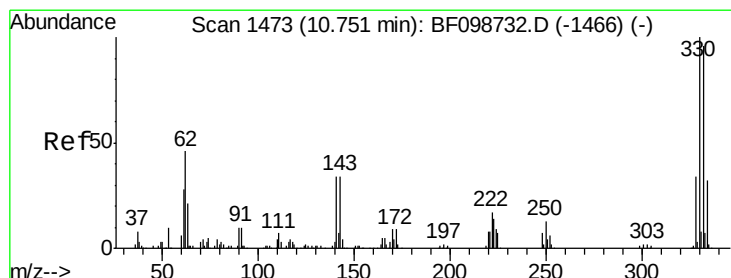
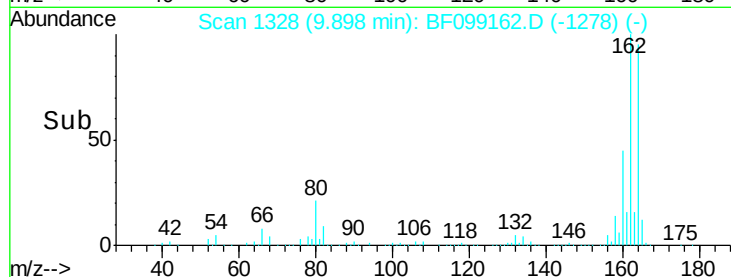
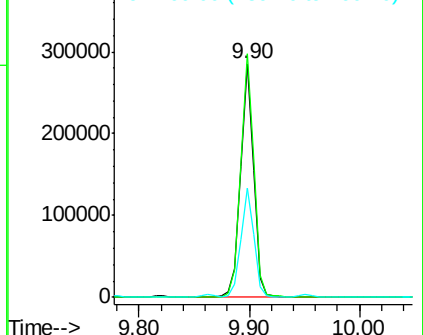
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099162.D
Acq: 6 Oct 2017 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 237848
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 46.9 38.3 57.5

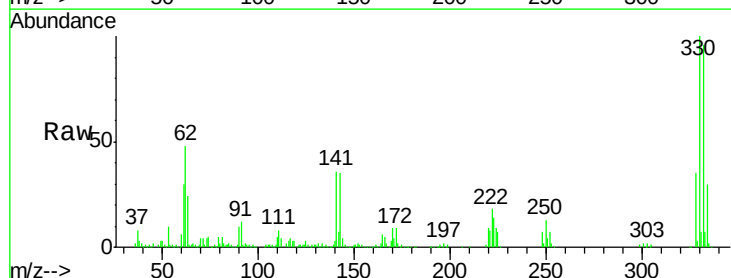


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

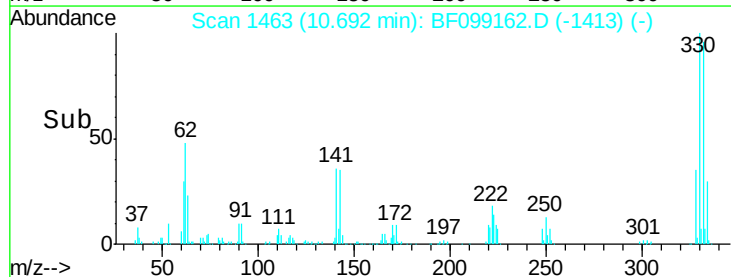
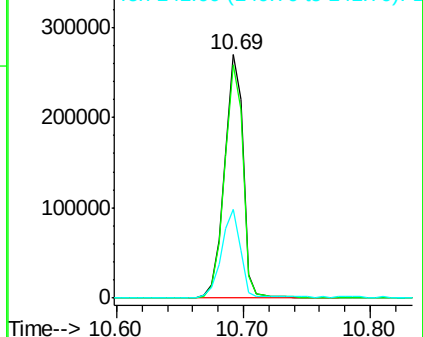


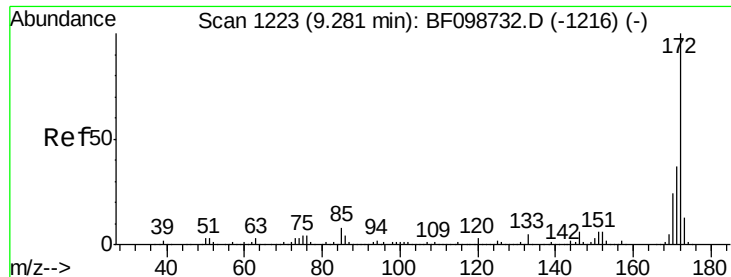
#41
2,4,6-Tribromophenol
Concen: 140.74 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099162.D
Acq: 6 Oct 2017 22:07

Tgt Ion:330 Resp: 273907
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 37.1 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



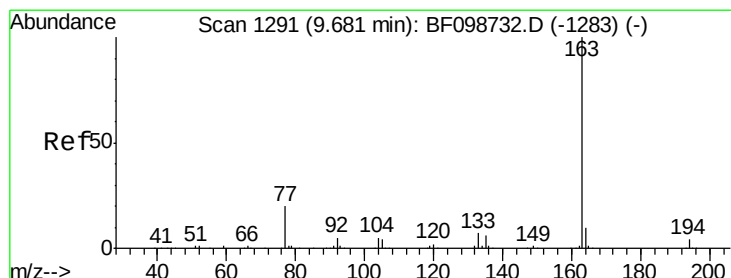
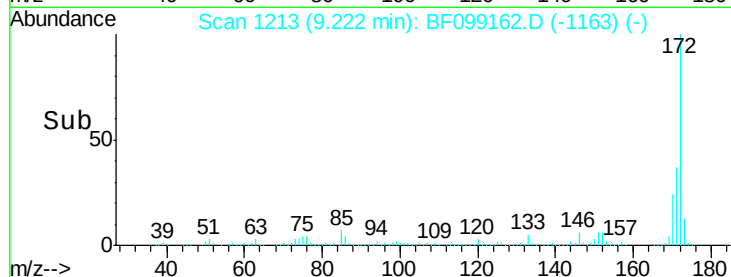
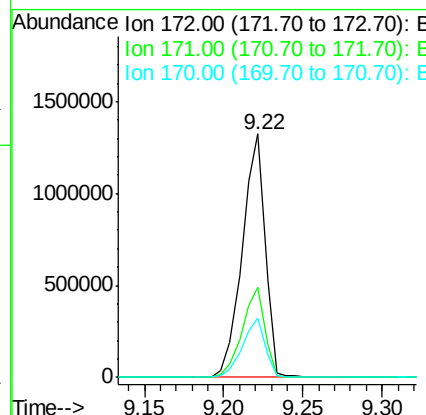
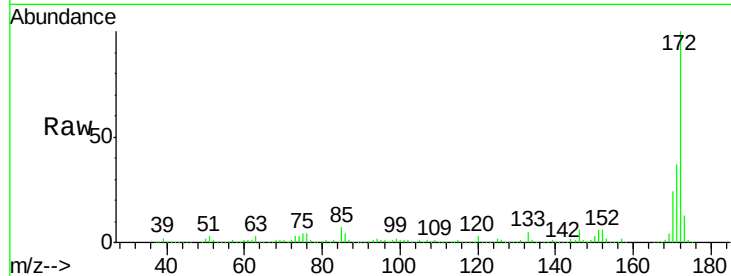


#44
 2-Fluorobiphenyl
 Concen: 93.26 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099162.D
 Acq: 6 Oct 2017 22:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1328683

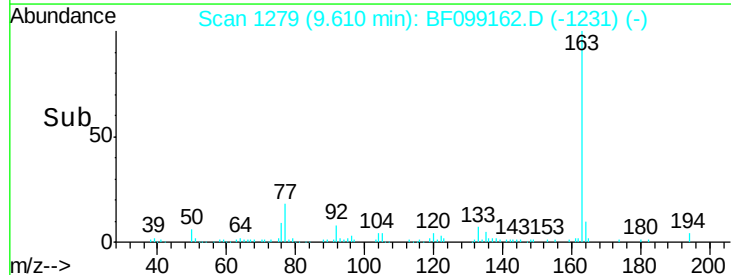
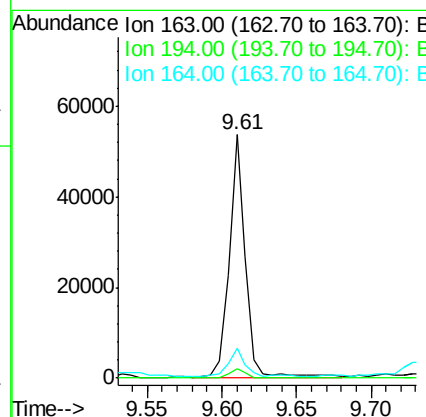
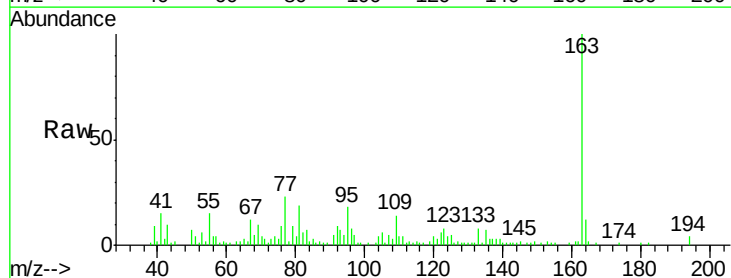
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.5	19.6	29.4

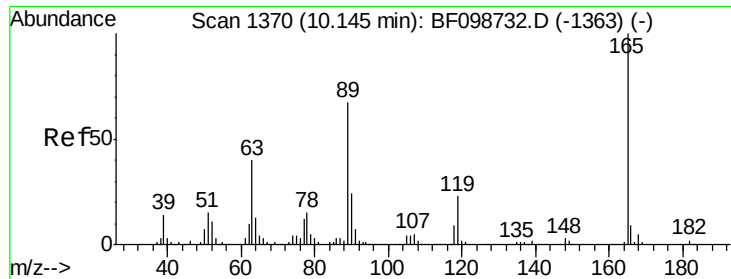


#49
 Dimethylphthalate
 Concen: 2.33 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099162.D
 Acq: 6 Oct 2017 22:07

Tgt Ion:163 Resp: 41843

Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.7	4.1
164	12.1	8.2	12.2

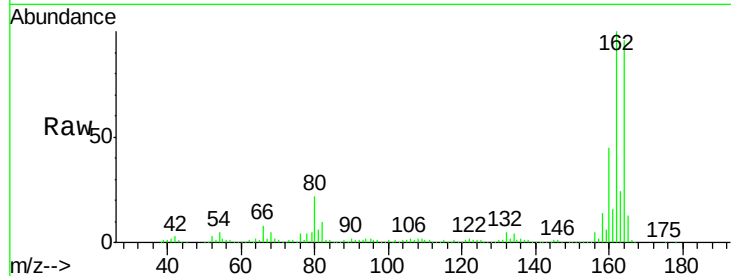




#56
2,4-Dinitrotoluene
Concen: 5.92 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099162.D
Acq: 6 Oct 2017 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	165	Resp:	30010
Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#

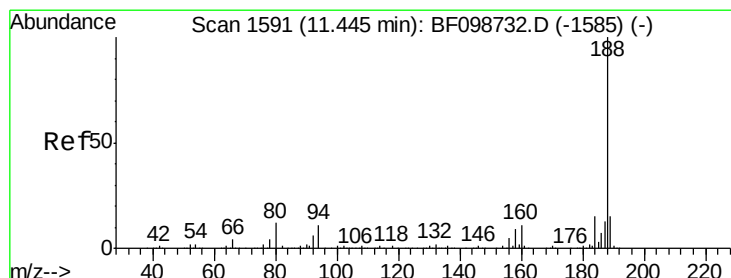
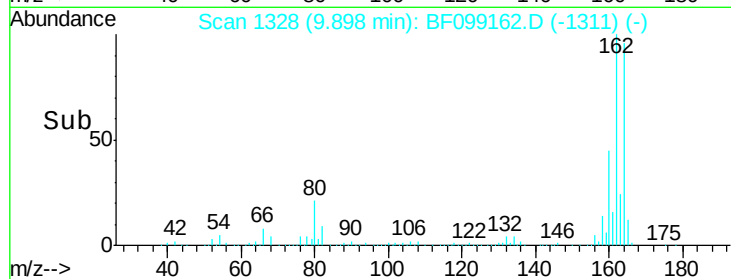
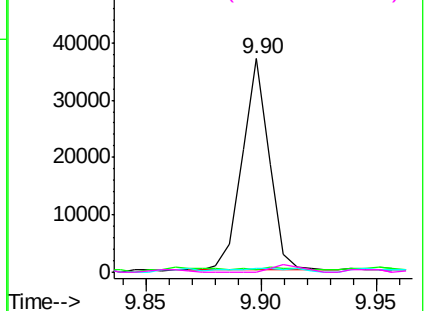


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

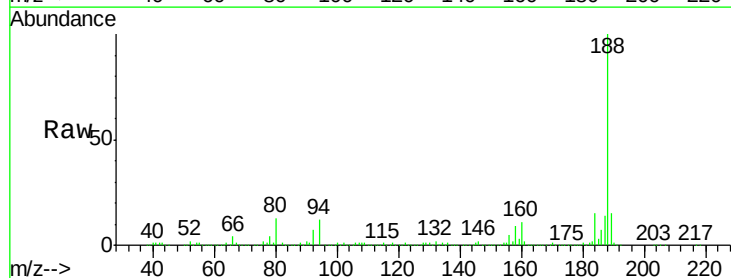
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099162.D
Acq: 6 Oct 2017 22:07

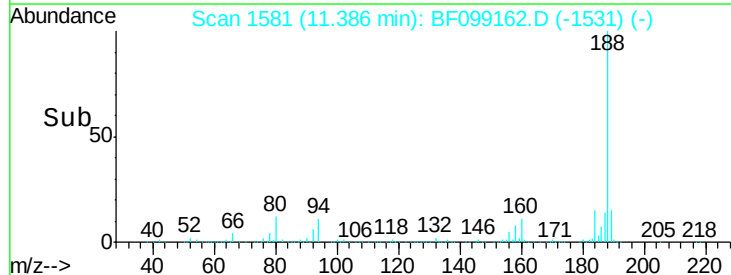
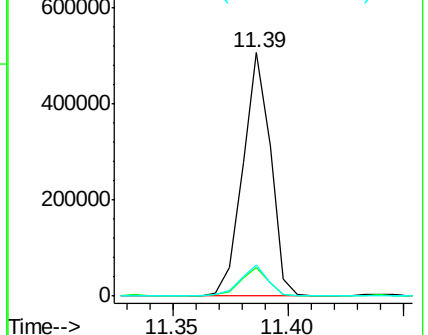
Tgt Ion:	188	Resp:	426635
Ion	Ratio	Lower	Upper
188	100		
94	11.8	8.5	12.7
80	12.7	9.2	13.8

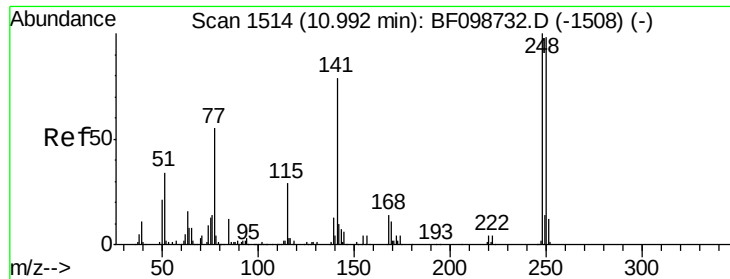


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

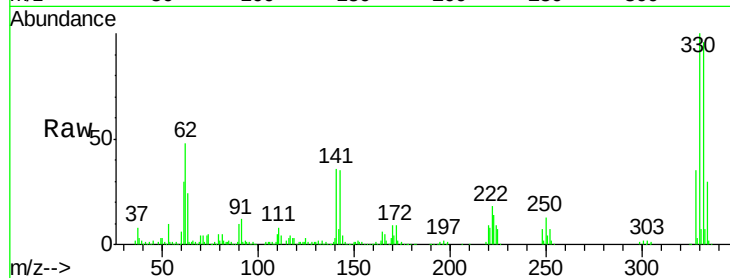




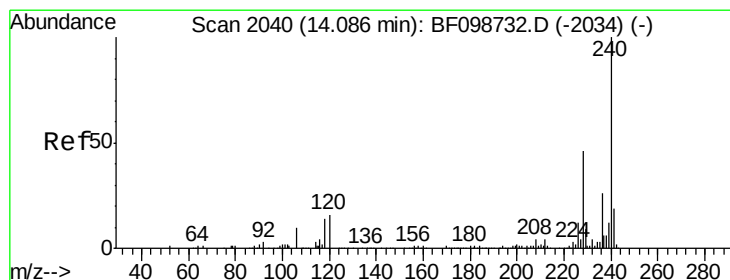
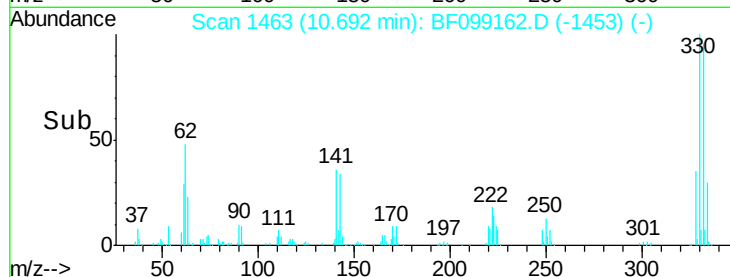
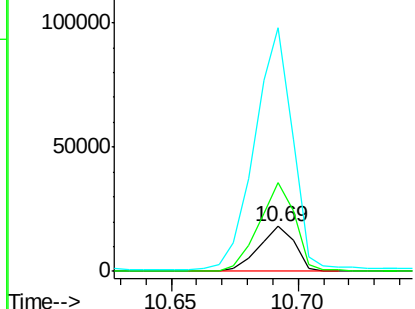
#66
4-Bromophenyl-phenylether
Concen: 4.29 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099162.D
Acq: 6 Oct 2017 22:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17902
Ion Ratio Lower Upper
248 100
250 198.4 76.9 115.3#
141 543.3 74.4 111.6#

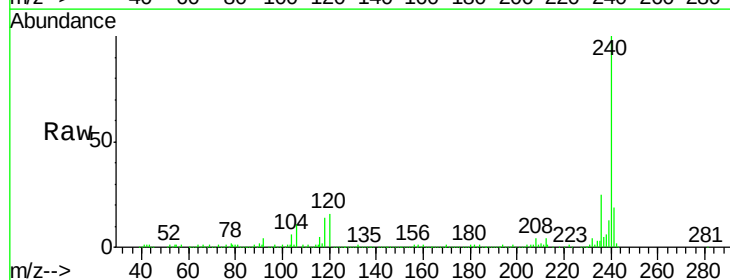


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

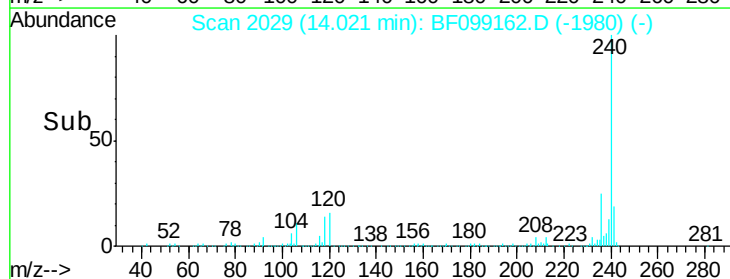
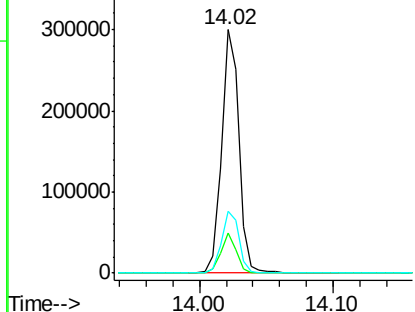


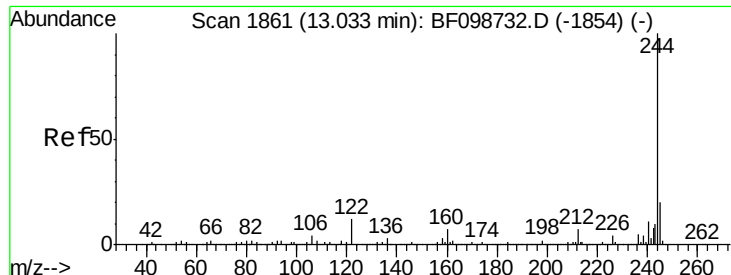
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099162.D
Acq: 6 Oct 2017 22:07

Tgt Ion:240 Resp: 276405
Ion Ratio Lower Upper
240 100
120 16.3 9.5 14.3#
236 25.3 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: 100.13 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099162.D

Acq: 6 Oct 2017 22:07

Instrument :

BNA_F

ClientSampled :

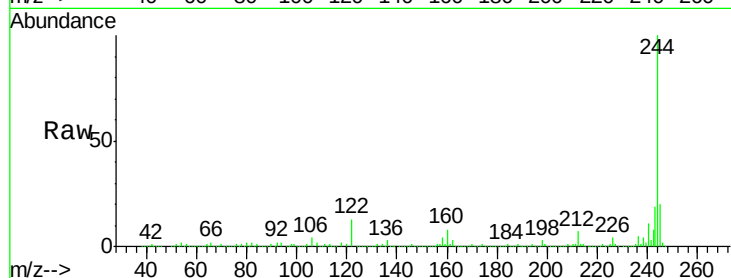
Tot Ion:244 Resp: 1216920

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

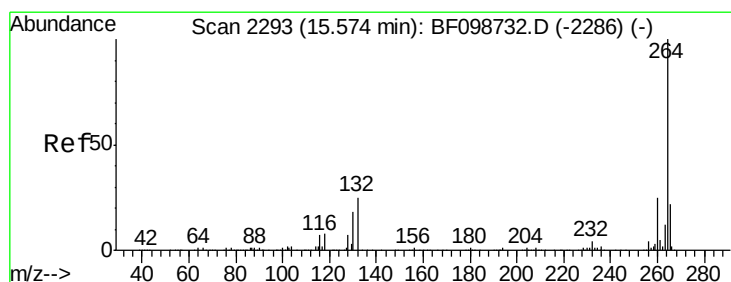
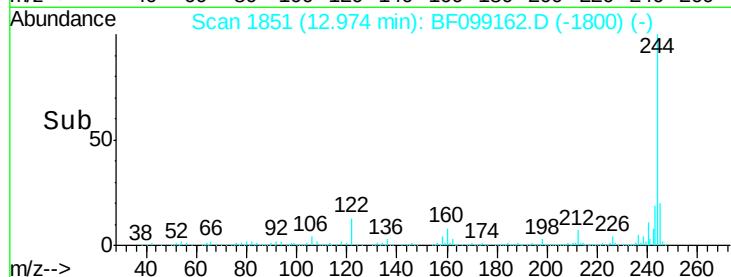
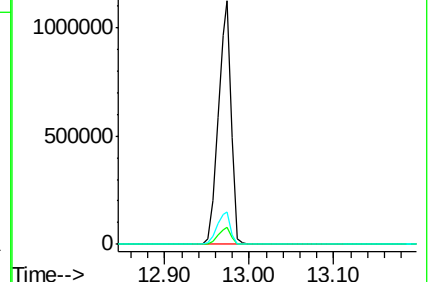
122 13.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099162.D

Acq: 6 Oct 2017 22:07

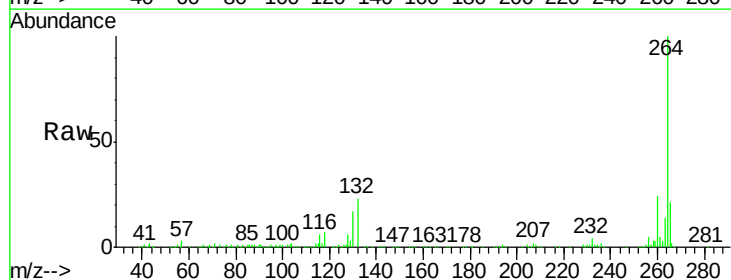
Tgt Ion:264 Resp: 204056

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.3 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

