

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099307.D
 Acq On : 10 Oct 2017 18:30
 Operator : SJ/JU
 Sample : I5716-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 19:05:19 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

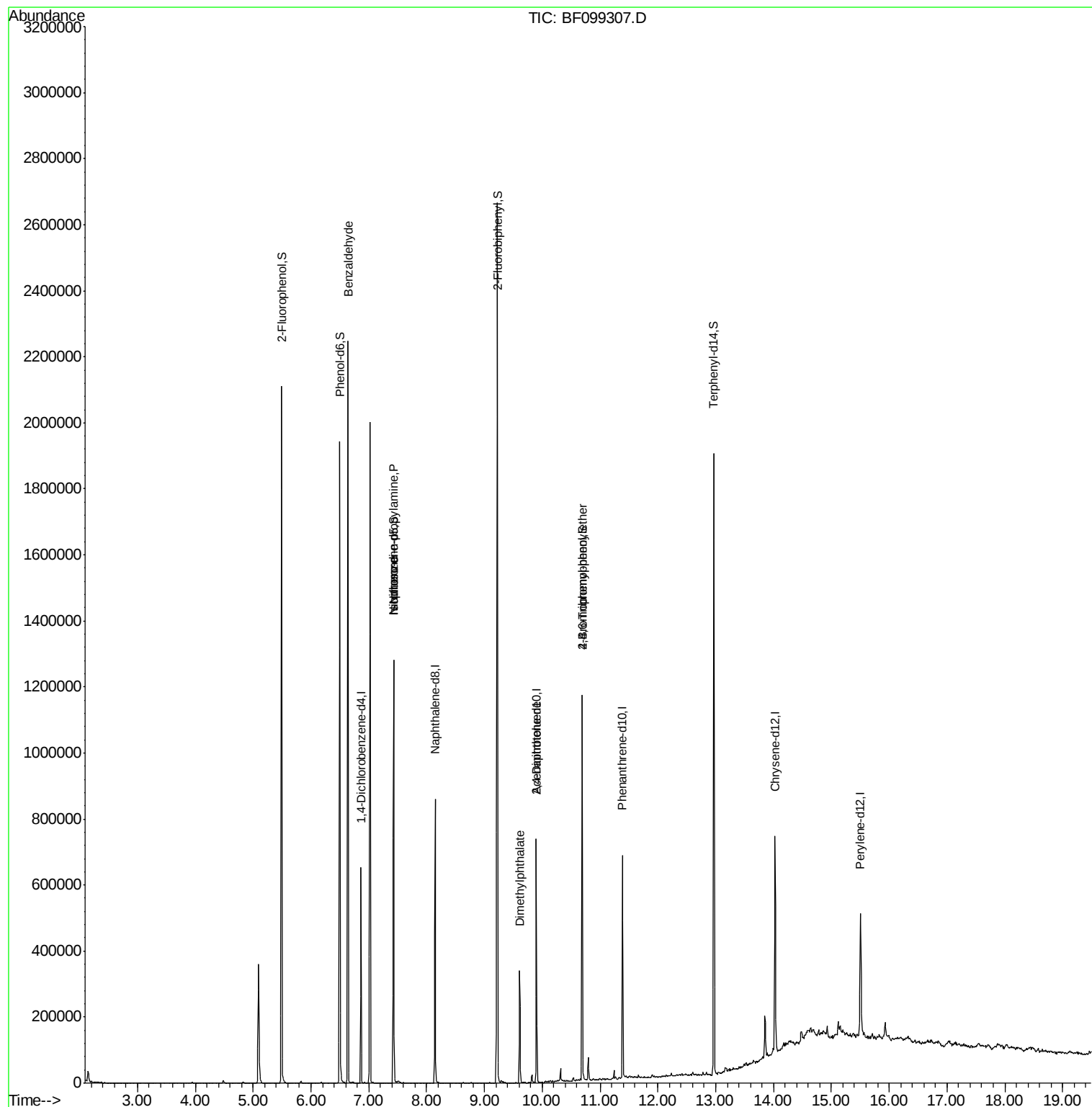
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	95050	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	374277	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	147508	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	218901	20.00	ng	0.00
75) Chrysene-d12	14.03	240	204064	20.00	ng	0.00
86) Perylene-d12	15.50	264	169006	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	656749	109.99	ng	0.01
7) Phenol-d6	6.50	99	800976	108.74	ng	0.00
23) Nitrobenzene-d5	7.43	82	461142	79.01	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	134015	111.03	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	829017	93.82	ng	0.00
78) Terphenyl-d14	12.97	244	617304	68.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.64	77	13087	3.063	ng	86
19) n-Nitroso-di-n-propylamine	7.43	70	58607	12.462	ng	# 75
25) Isophorone	7.43	82	461133	38.216	ng	# 64
49) Dimethylphthalate	9.61	163	132153	11.870	ng	100
56) 2,4-Dinitrotoluene	9.90	165	18598	5.912	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	9057	4.227	ng	# 1

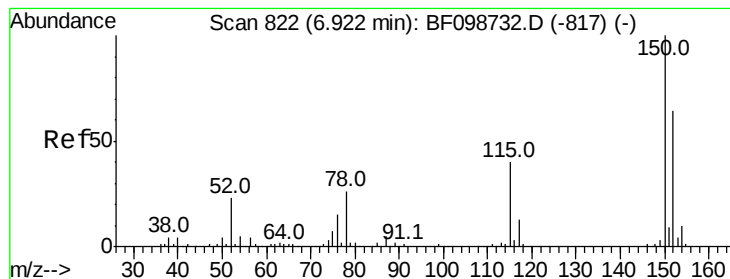
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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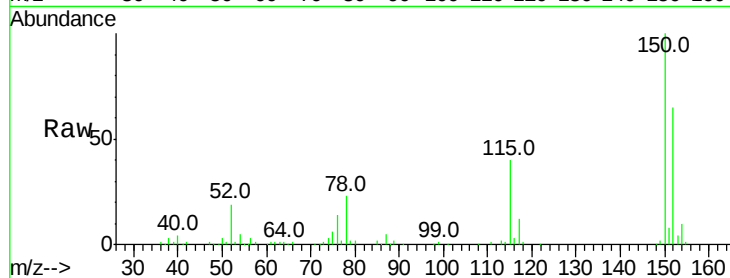


#1

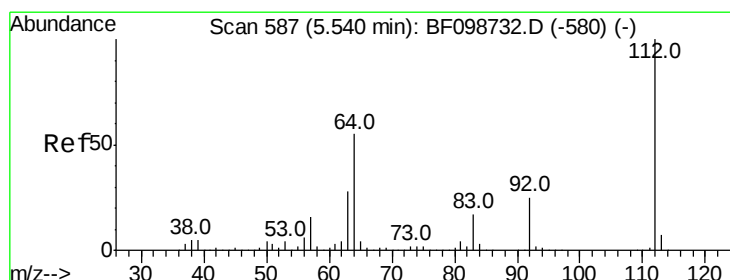
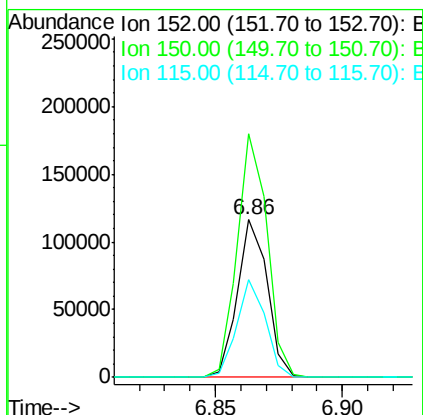
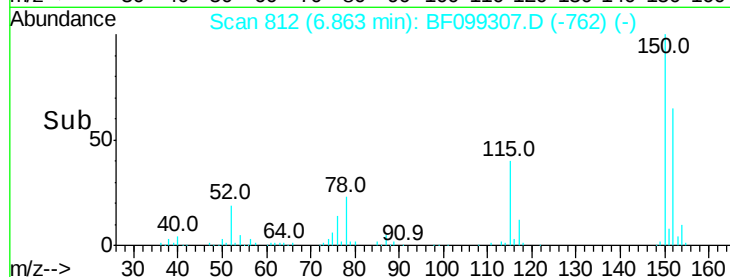
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099307.D
Acq: 10 Oct 2017 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95050
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 62.4 50.1 75.1



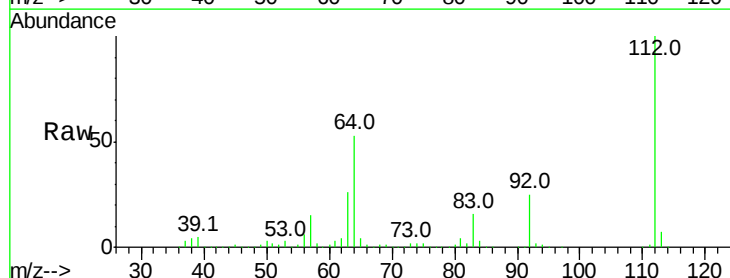
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



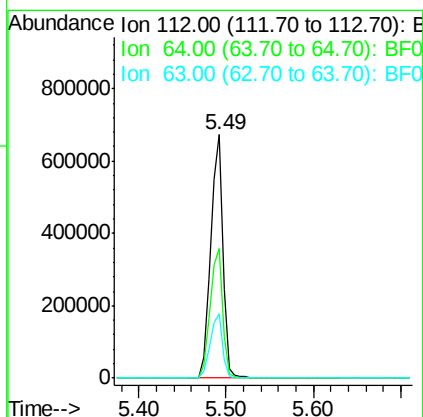
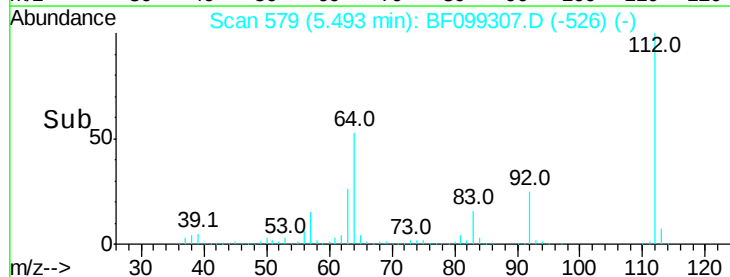
#5

2-Fluorophenol
Concen: 109.993 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099307.D
Acq: 10 Oct 2017 18:30

Tgt Ion:112 Resp: 656749
Ion Ratio Lower Upper
112 100
64 53.2 47.9 71.9
63 26.3 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: 108.744 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099307.D

Acq: 10 Oct 2017 18:30

Instrument :

BNA_F

ClientSampled :

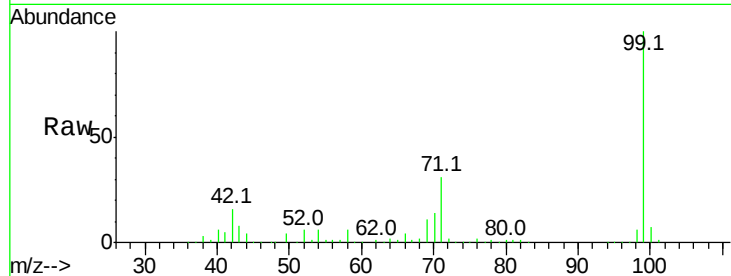
Tot Ion: 99 Resp: 800976

Ion Ratio Lower Upper

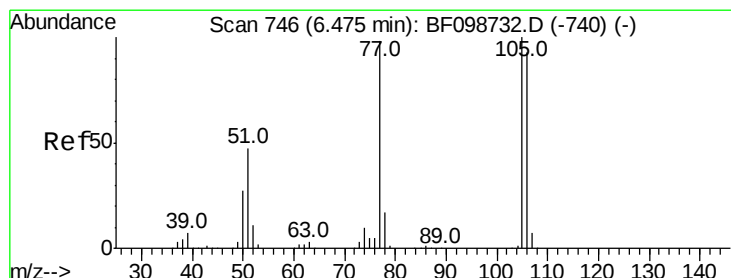
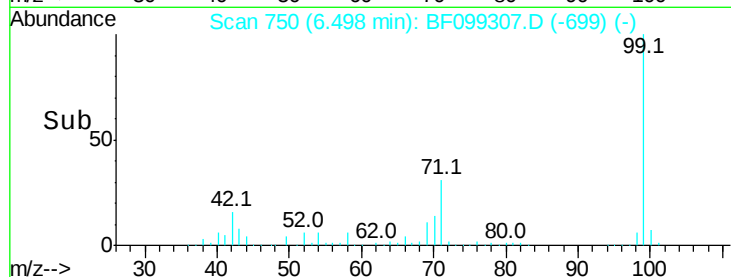
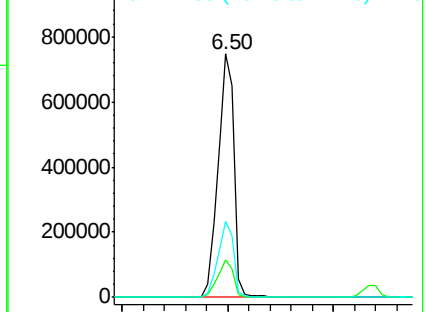
99 100

42 15.6 14.5 21.7

71 31.0 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: 3.063 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.22 min

Lab File: BF099307.D

Acq: 10 Oct 2017 18:30

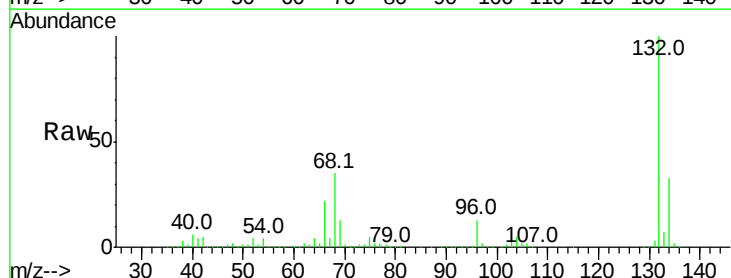
Tgt Ion: 77 Resp: 13087

Ion Ratio Lower Upper

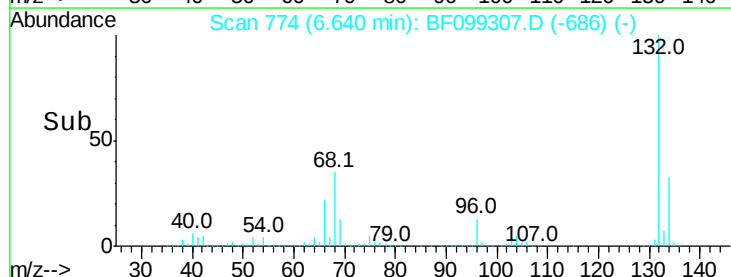
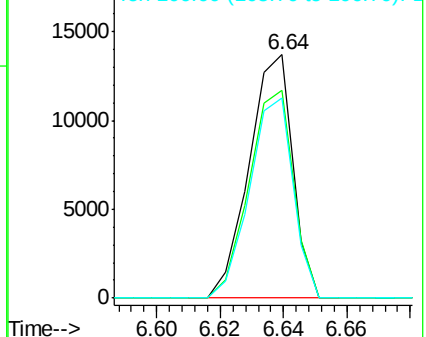
77 100

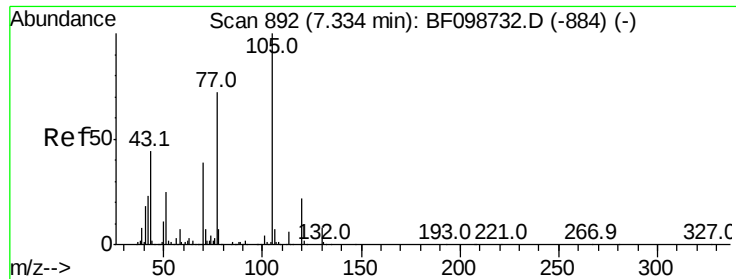
105 85.4 81.1 121.1

106 82.4 74.5 114.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 12.462 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099307.D

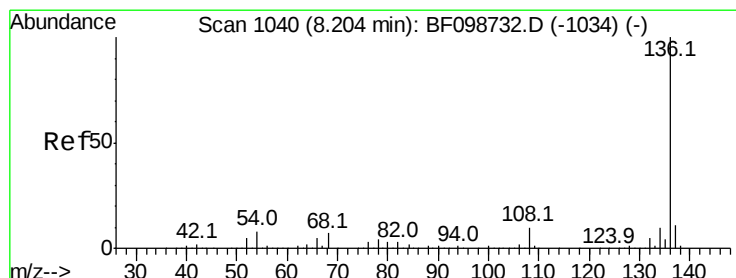
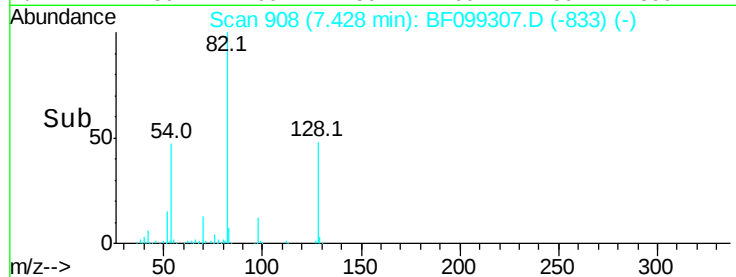
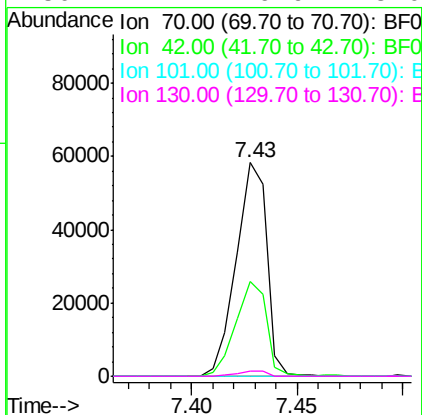
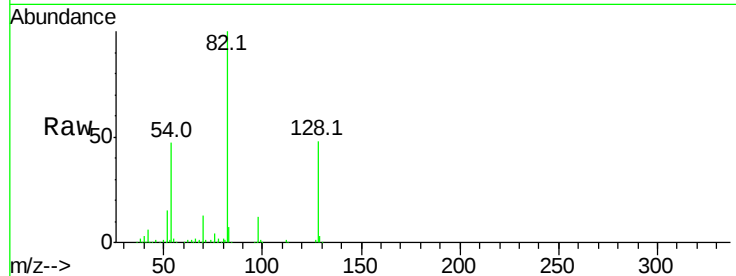
Acq: 10 Oct 2017 18:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	58607
Ion	Ratio	Lower	Upper
70	100		
42	44.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

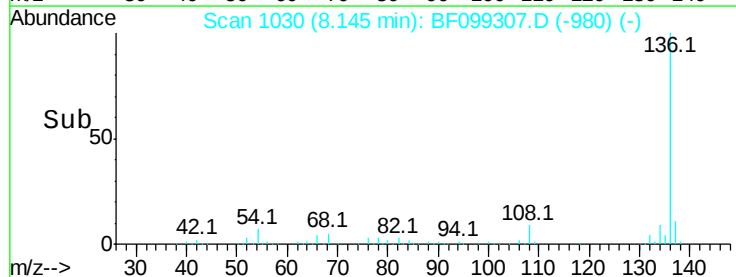
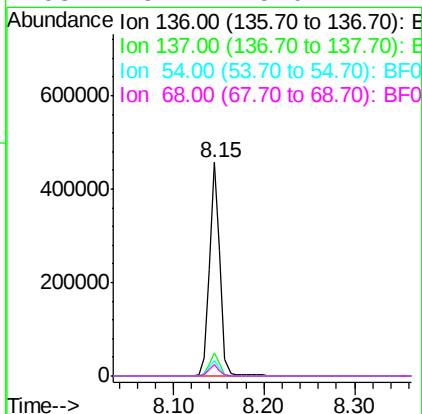
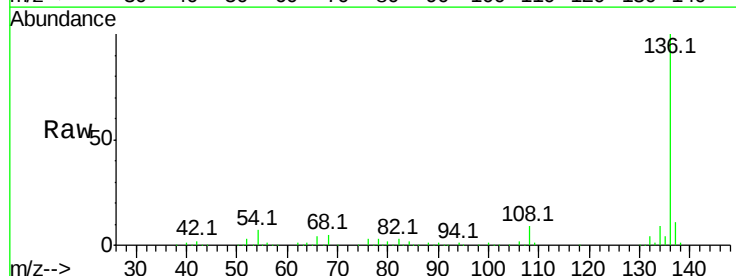
RT: 8.15 min Scan# 1030

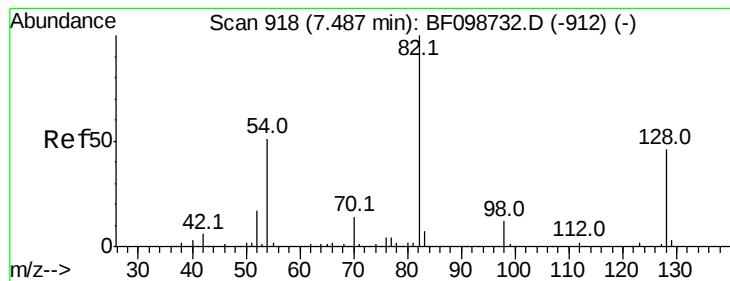
Delta R.T. -0.01 min

Lab File: BF099307.D

Acq: 10 Oct 2017 18:30

Tgt Ion:	136	Resp:	374277
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.0	6.6	9.8
68	5.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 79.014 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF099307.D

Acq: 10 Oct 2017 18:30

Instrument :

BNA_F

ClientSampled :

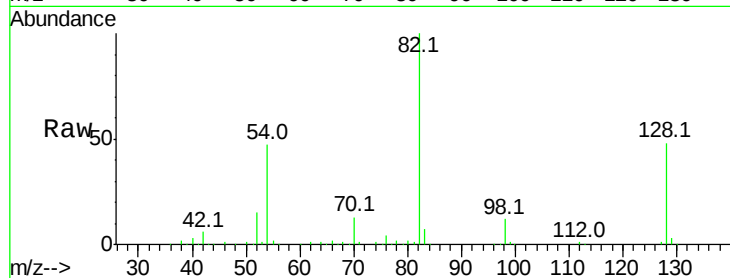
Tot Ion: 82 Resp: 461142

Ion Ratio Lower Upper

82 100

128 48.4 36.1 54.1

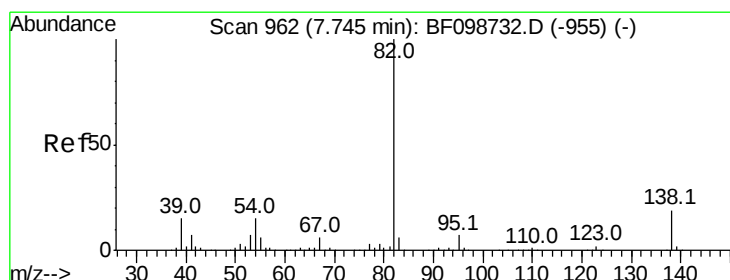
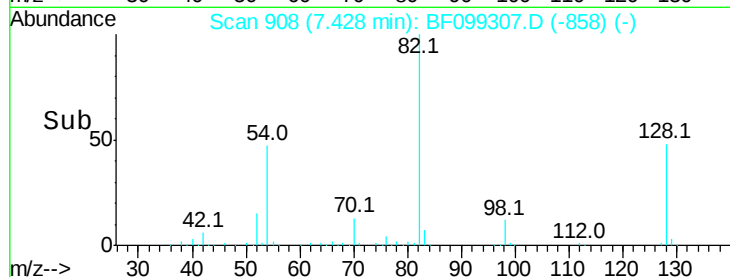
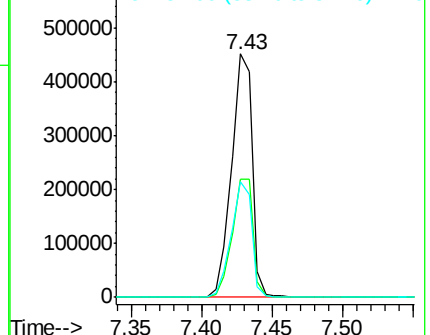
54 47.3 41.4 62.2



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: 38.216 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099307.D

Acq: 10 Oct 2017 18:30

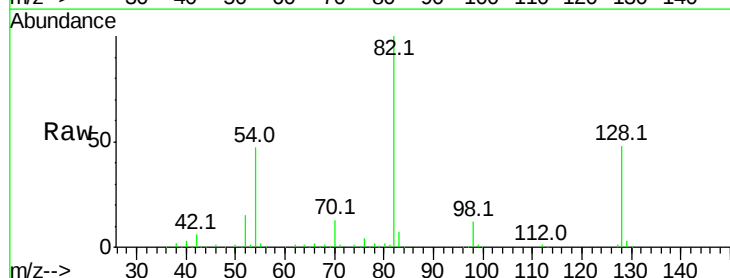
Tgt Ion: 82 Resp: 461133

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

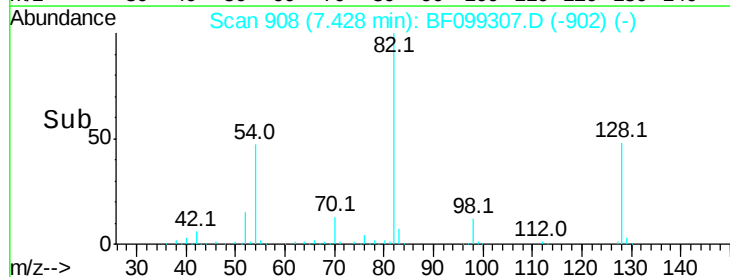
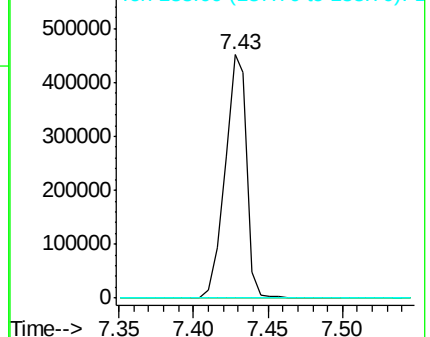
138 0.0 14.9 22.3#



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

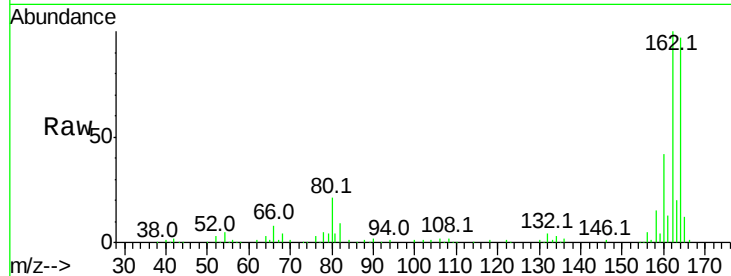




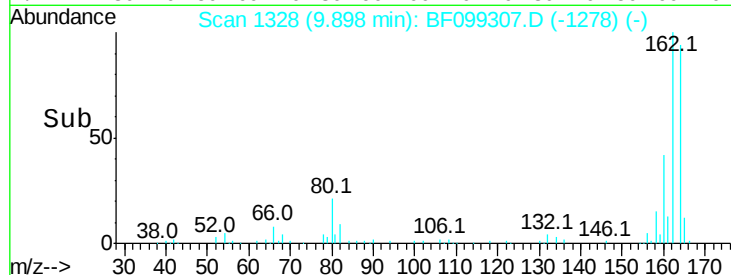
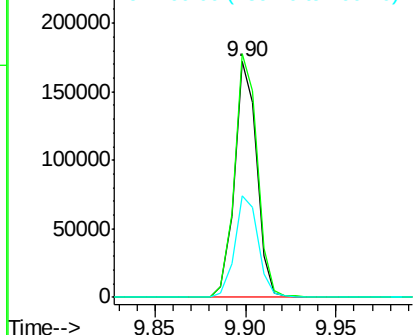
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099307.D
 Acq: 10 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 147508
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 43.1 38.3 57.5

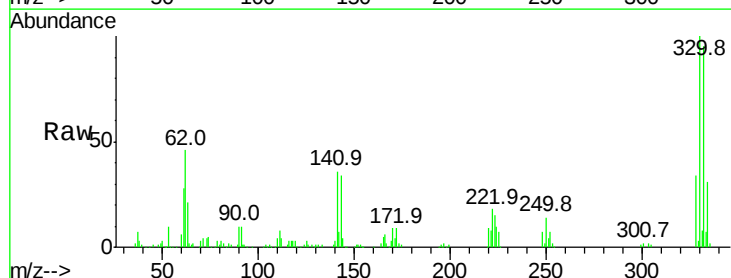


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

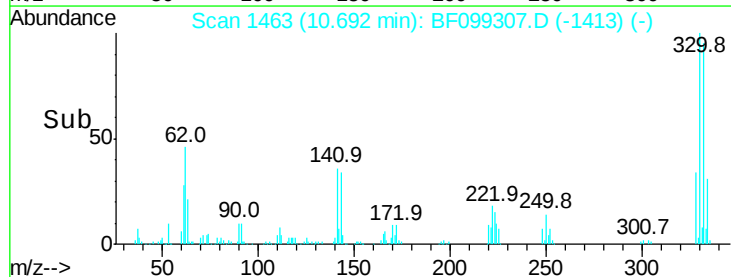
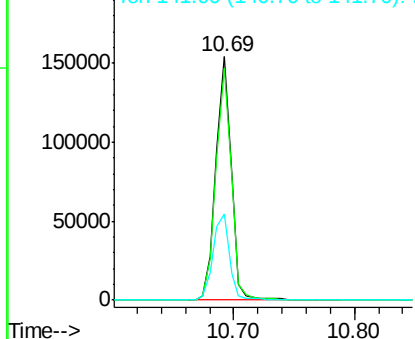


#41
 2,4,6-Tribromophenol
 Concen: 111.030 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099307.D
 Acq: 10 Oct 2017 18:30

Tgt Ion:330 Resp: 134015
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 37.9 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

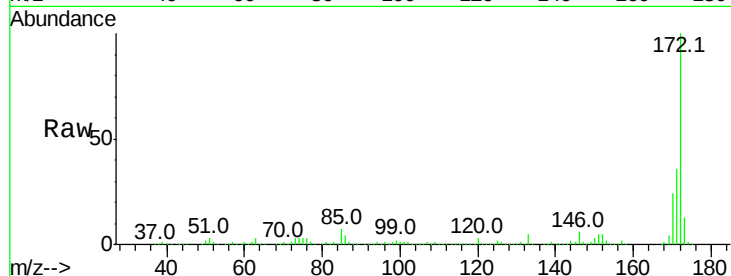




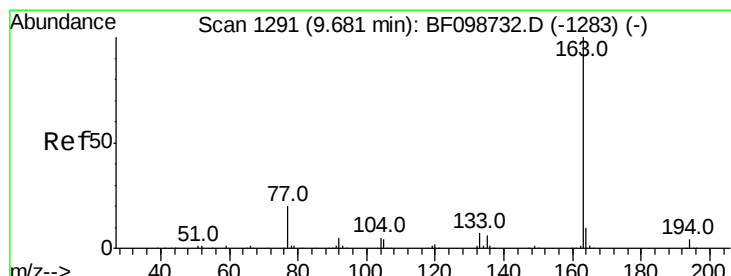
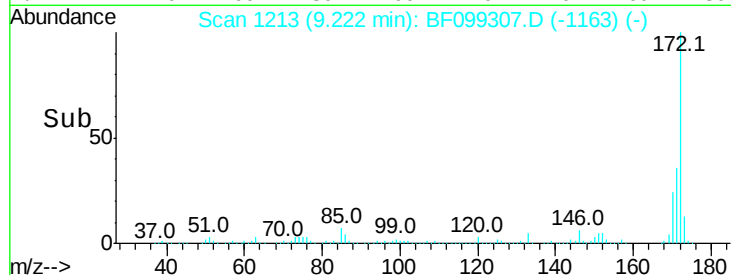
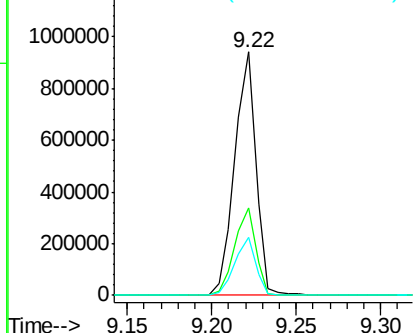
#44
 2-Fluorobiphenyl
 Concen: 93.824 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099307.D
 Acq: 10 Oct 2017 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.0	19.6	29.4

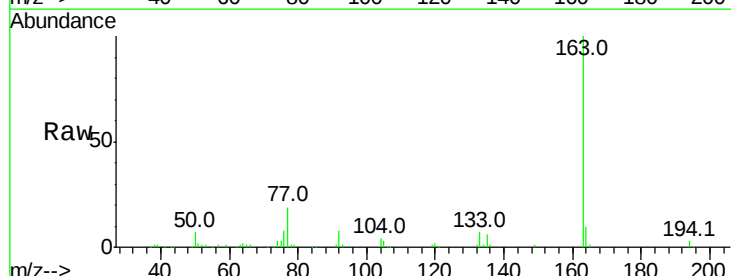


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

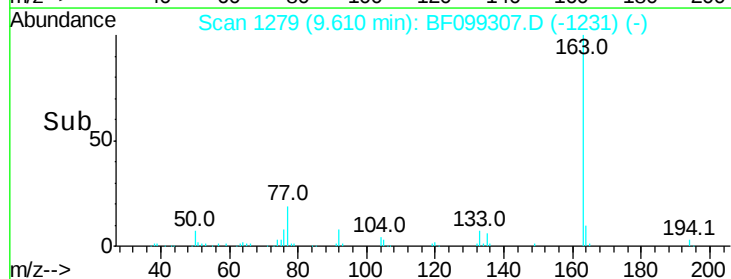
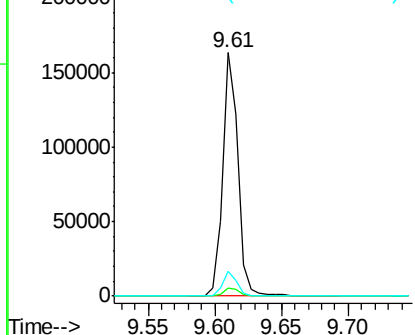


#49
 Dimethylphthalate
 Concen: 11.870 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099307.D
 Acq: 10 Oct 2017 18:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	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

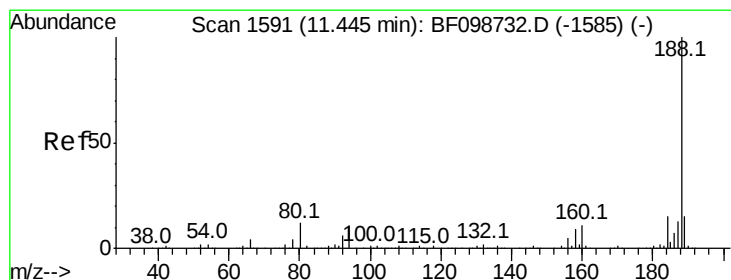
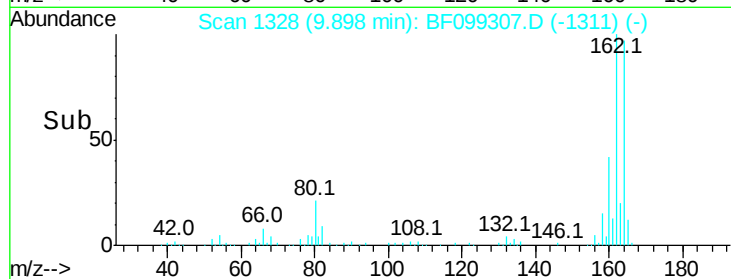
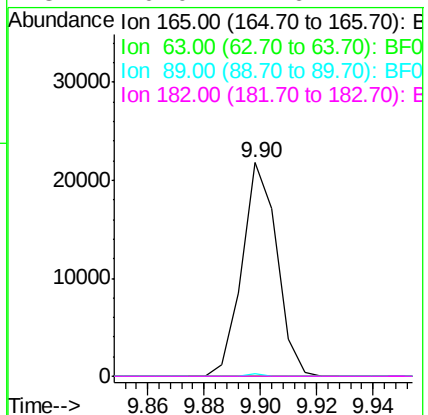
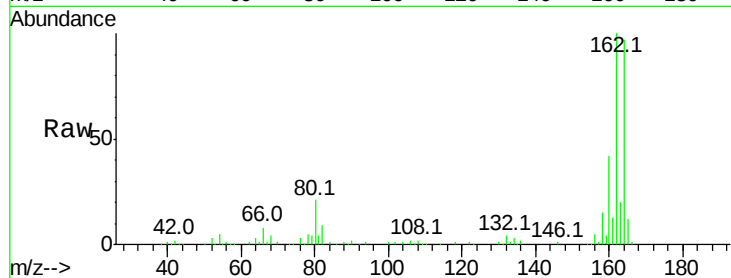




#56
 2,4-Dinitrotoluene
 Concen: 5.912 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099307.D
 Acq: 10 Oct 2017 18:30

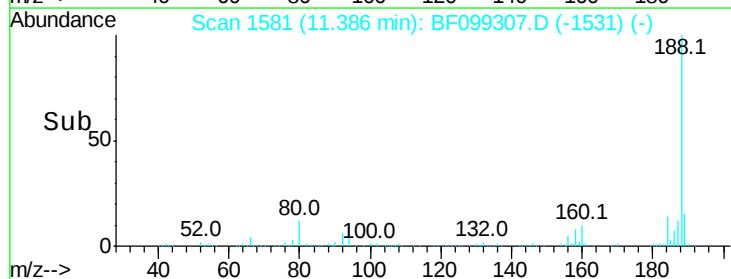
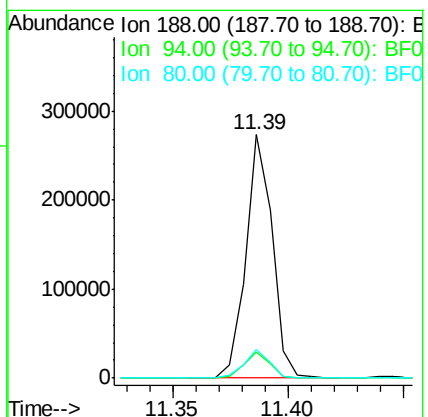
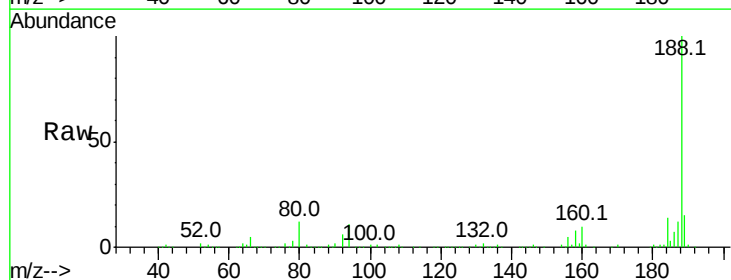
Instrument :
 BNA_F
 ClientSampleId :

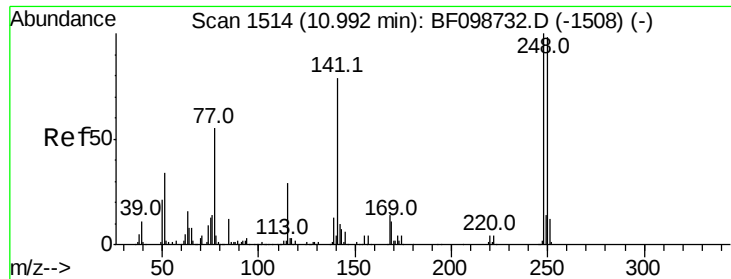
Tot Ion:165	Resp:	18598
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.4	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099307.D
 Acq: 10 Oct 2017 18:30

Tgt Ion:188	Resp:	218901
Ion Ratio	Lower	Upper
188	100	
94	10.6	8.5 12.7
80	11.8	9.2 13.8

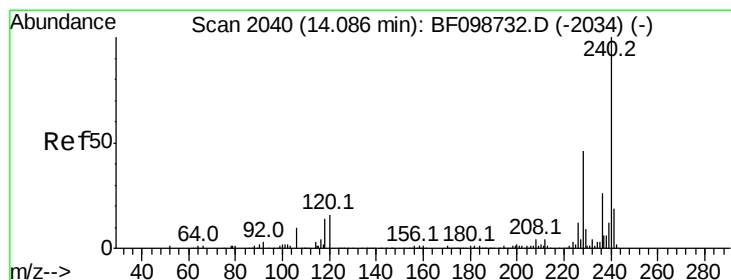
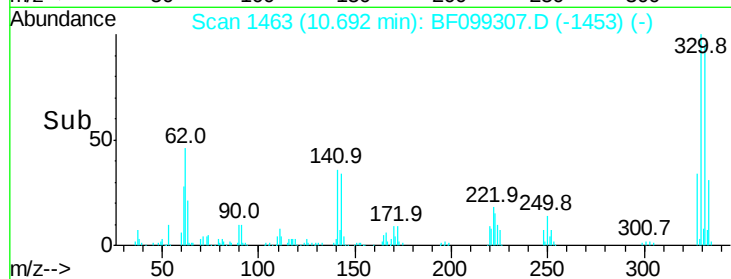
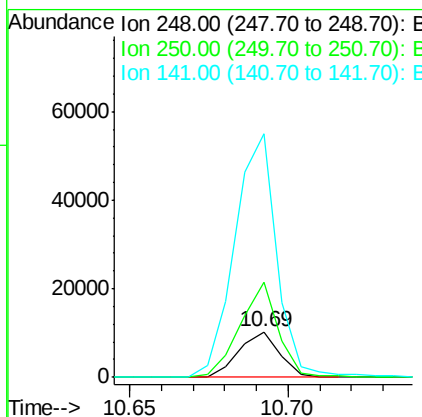
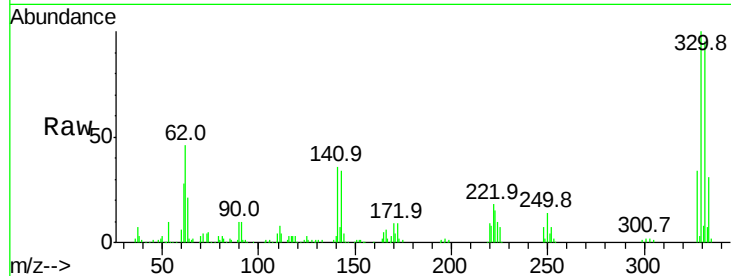




#66
 4-Bromophenyl-phenylether
 Concen: 4.227 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099307.D
 Acq: 10 Oct 2017 18:30

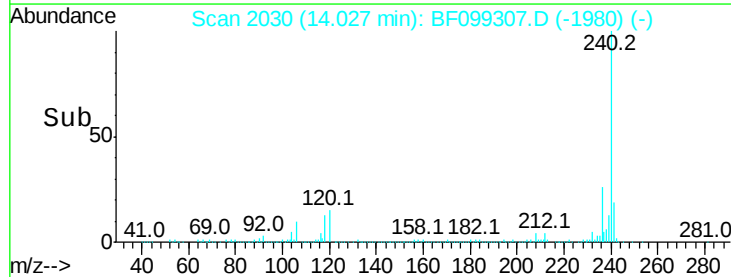
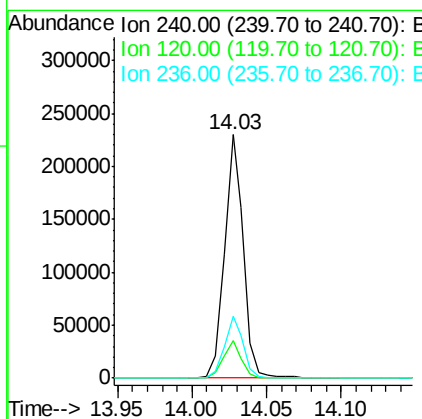
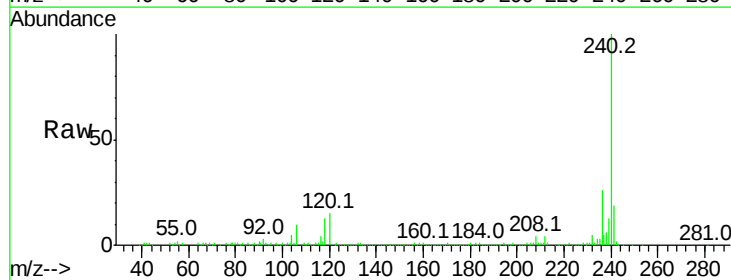
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 9057
 Ion Ratio Lower Upper
 248 100
 250 207.6 76.9 115.3#
 141 531.1 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099307.D
 Acq: 10 Oct 2017 18:30

Tgt Ion:240 Resp: 204064
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 68.796 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099307.D

Acq: 10 Oct 2017 18:30

Instrument :

BNA_F

ClientSampleId :

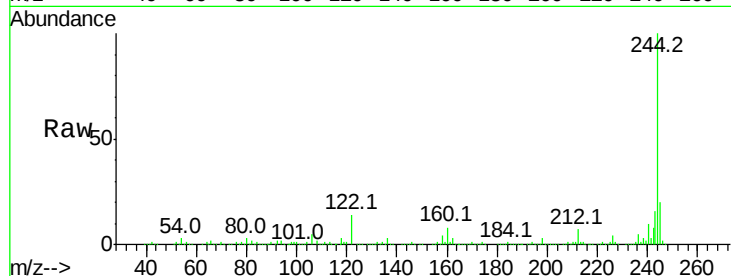
Tot Ion:244 Resp: 617304

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

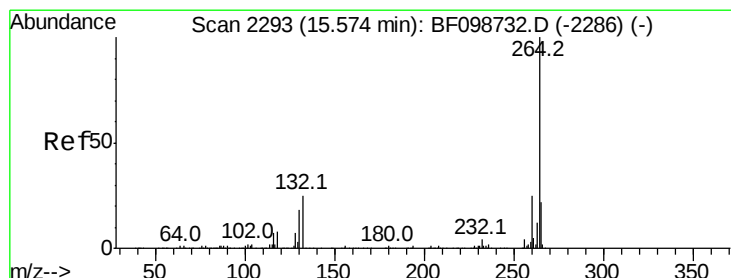
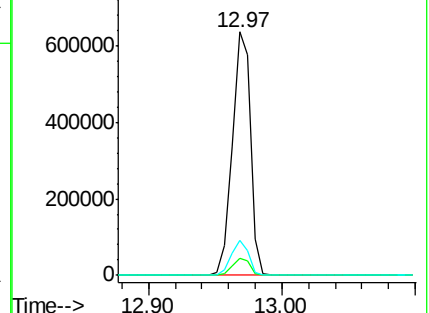
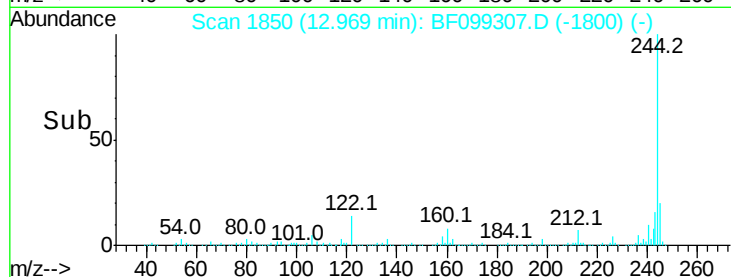
122 14.5 11.0 16.4



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: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF099307.D

Acq: 10 Oct 2017 18:30

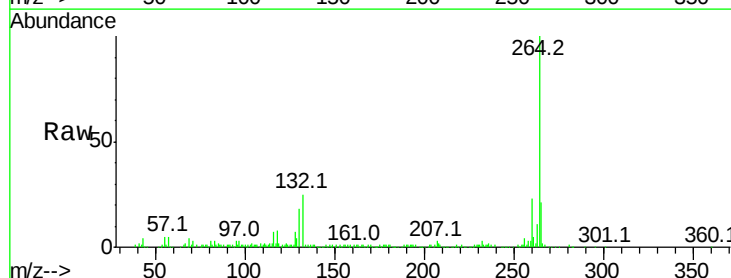
Tgt Ion:264 Resp: 169006

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.1 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

