

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099280.D
 Acq On : 9 Oct 2017 23:35
 Operator : SJ/JU
 Sample : I5651-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:15:19 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

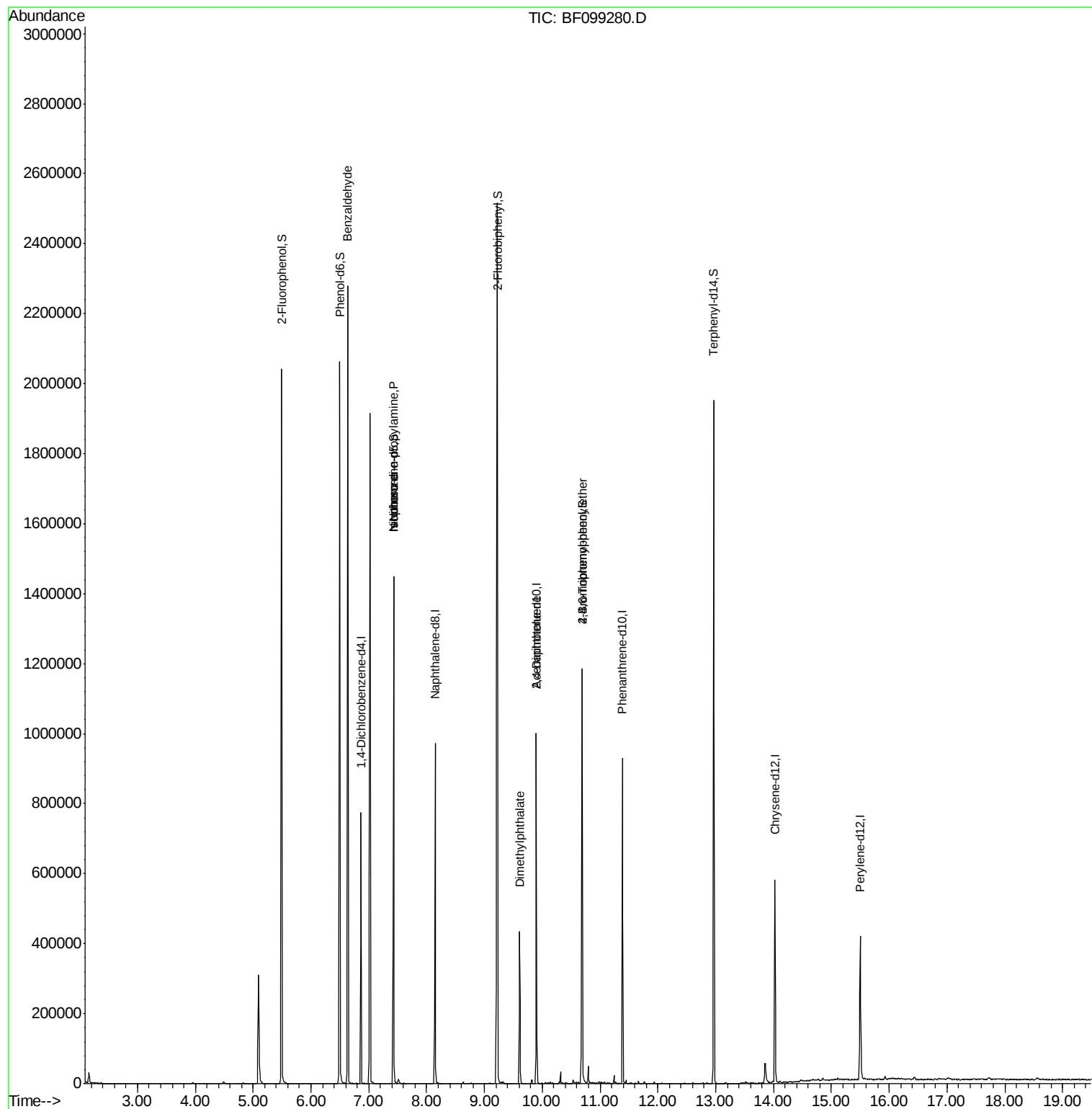
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	104116	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	429806	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	186912	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	297155	20.00	ng	0.00
75) Chrysene-d12	14.03	240	197180	20.00	ng	0.00
86) Perylene-d12	15.50	264	188984	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	658754	100.72	ng	0.01
7) Phenol-d6	6.50	99	777997	96.43	ng	0.00
23) Nitrobenzene-d5	7.43	82	460986	68.78	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	151032	98.75	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	875114	78.16	ng	0.00
78) Terphenyl-d14	12.97	244	590317	68.08	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	12964	2.77	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.43	70	57365	11.14	ng	# 75
25) Isophorone	7.43	82	460981	33.27	ng	# 64
49) Dimethylphthalate	9.61	163	164461	11.66	ng	99
56) 2,4-Dinitrotoluene	9.90	165	23725	5.95	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	9878	3.40	ng	# 1

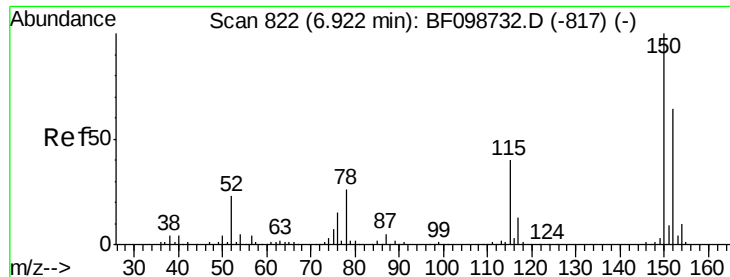
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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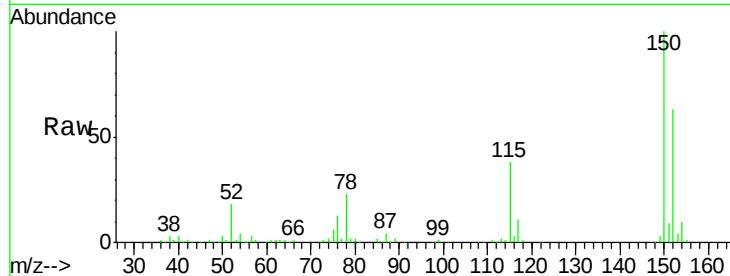


#1

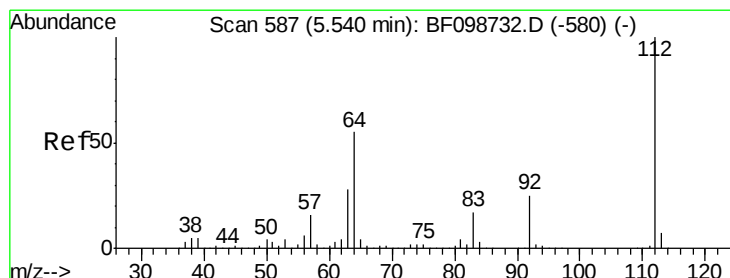
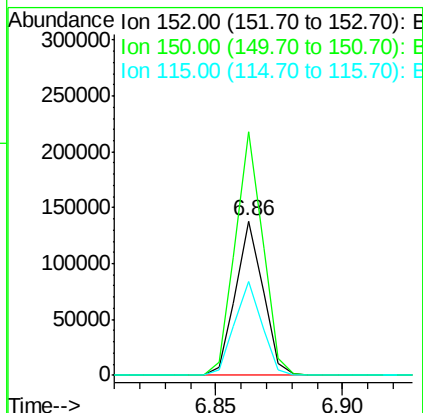
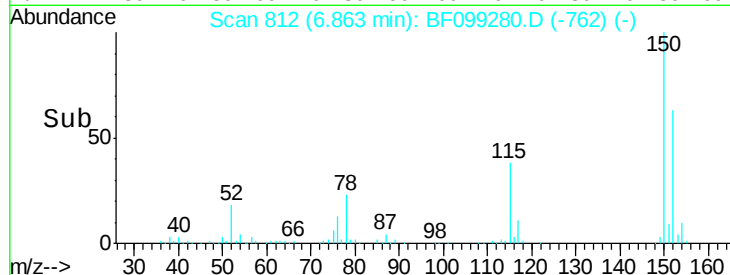
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099280.D
Acq: 9 Oct 2017 23:35

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 104116
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 60.4 50.1 75.1



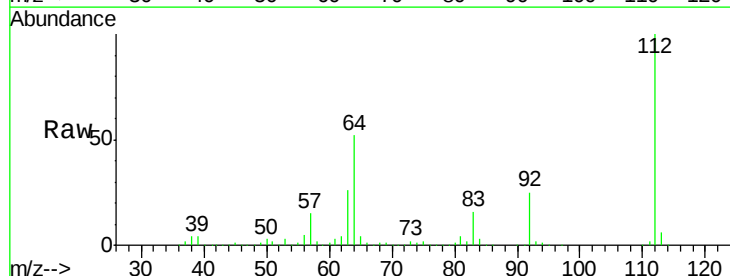
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



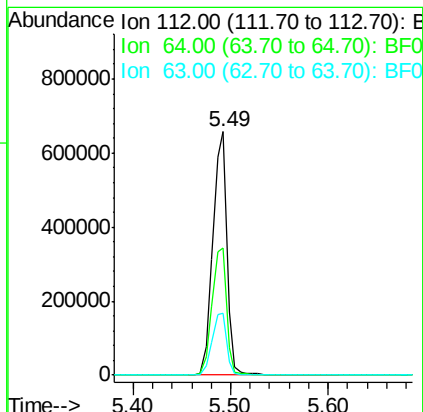
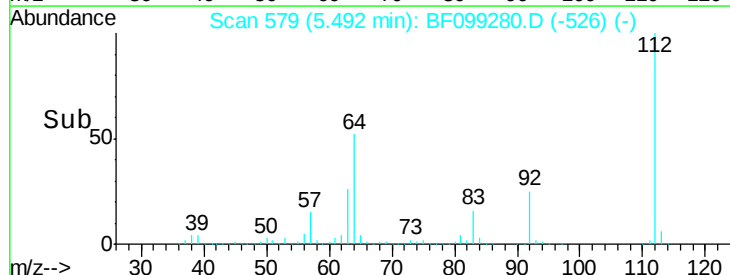
#5

2-Fluorophenol
Concen: 100.72 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099280.D
Acq: 9 Oct 2017 23:35

Tgt Ion:112 Resp: 658754
Ion Ratio Lower Upper
112 100
64 52.3 47.9 71.9
63 25.6 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: 96.43 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099280.D

Acq: 9 Oct 2017 23:35

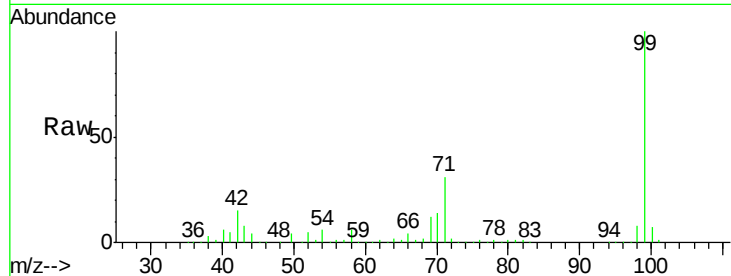
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 777997

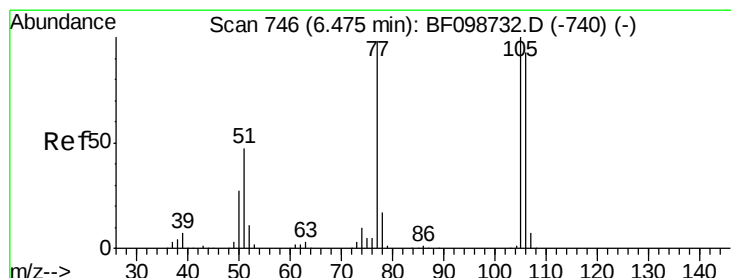
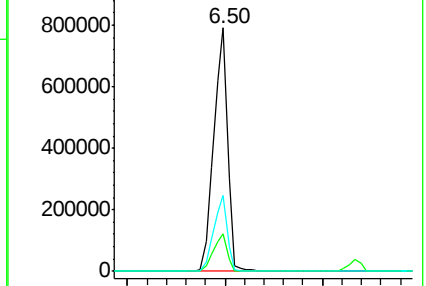
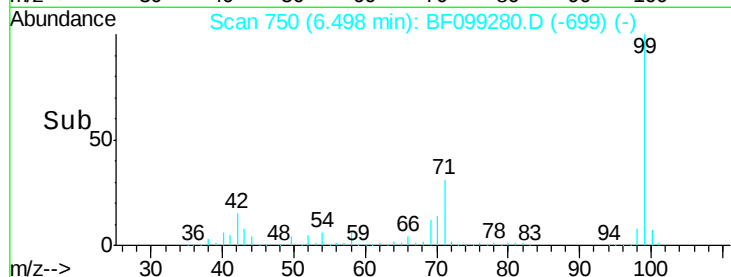
Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.5	21.7
71	31.0	25.4	38.0



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: 2.77 ng

RT: 6.63 min Scan# 773

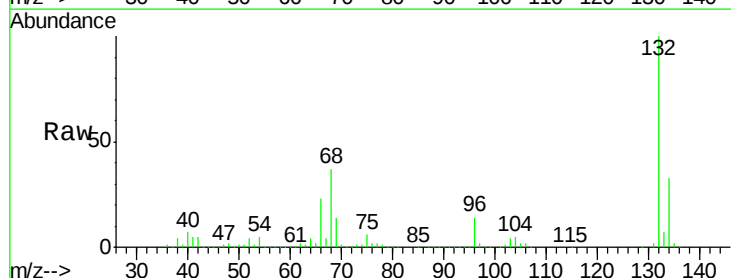
Delta R.T. 0.21 min

Lab File: BF099280.D

Acq: 9 Oct 2017 23:35

Tgt Ion: 77 Resp: 12964

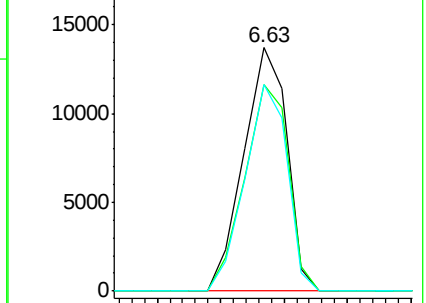
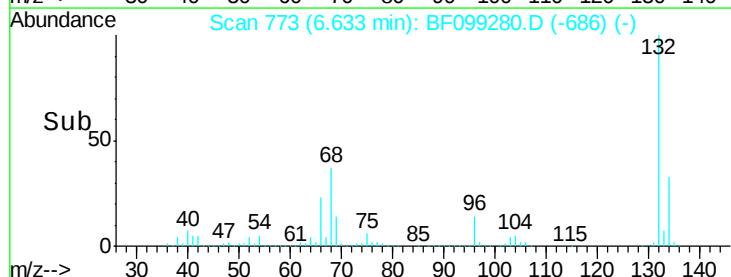
Ion	Ratio	Lower	Upper
77	100		
105	84.8	81.1	121.1
106	85.0	74.5	114.5

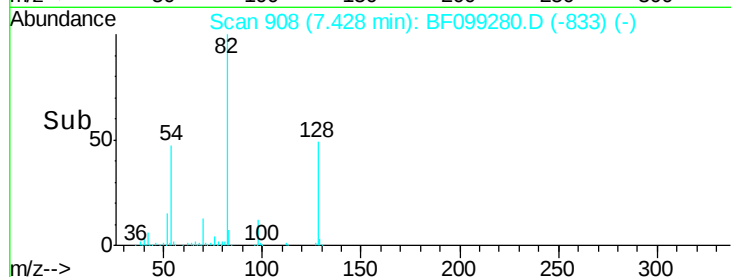
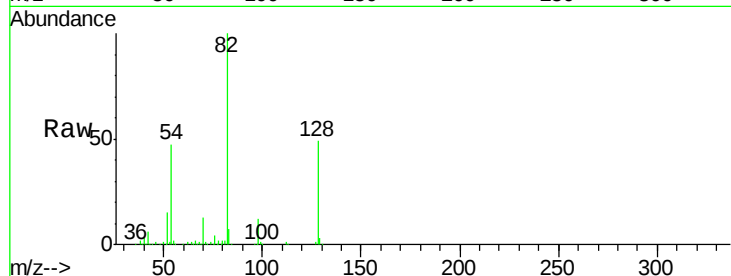


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.14 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099280.D

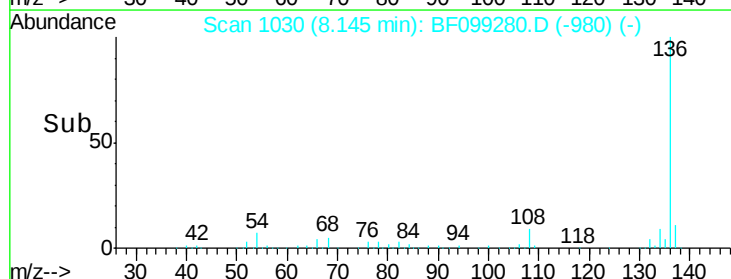
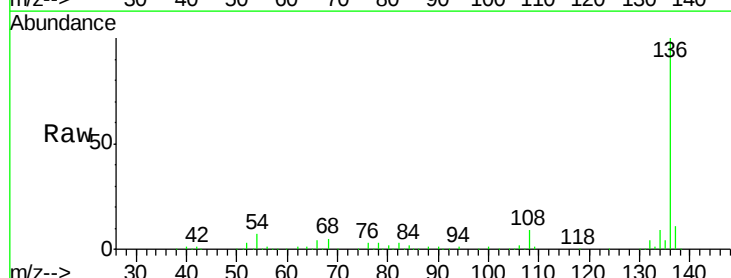
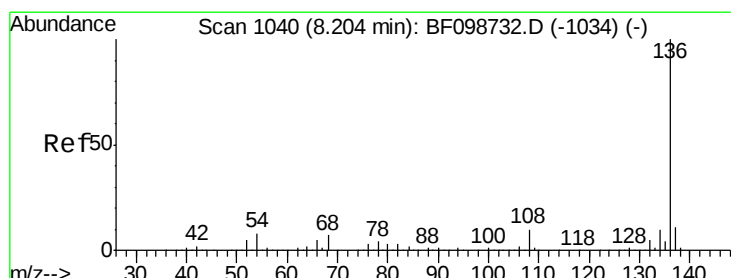
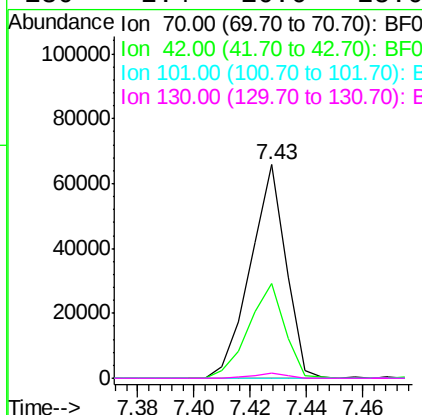
Acq: 9 Oct 2017 23:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	57365
Ion	Ratio	Lower	Upper
70	100		
42	44.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.4	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

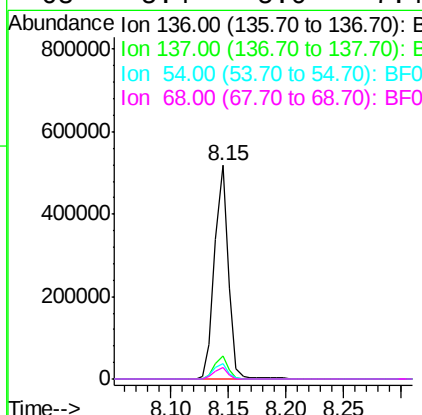
RT: 8.15 min Scan# 1030

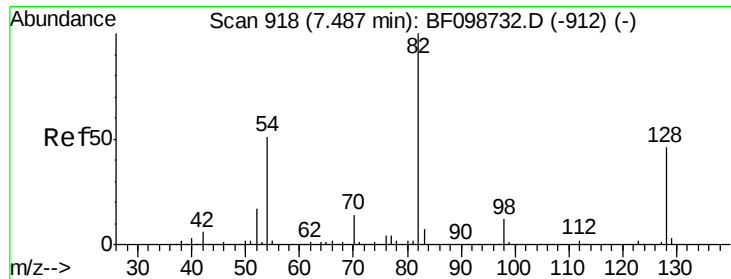
Delta R.T. -0.01 min

Lab File: BF099280.D

Acq: 9 Oct 2017 23:35

Tgt Ion:	136	Resp:	429806
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.9	6.6	9.8
68	5.4	5.0	7.4

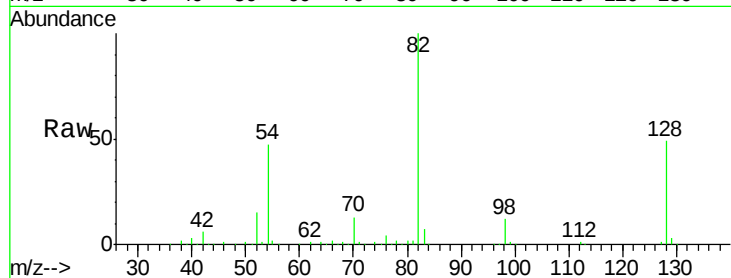




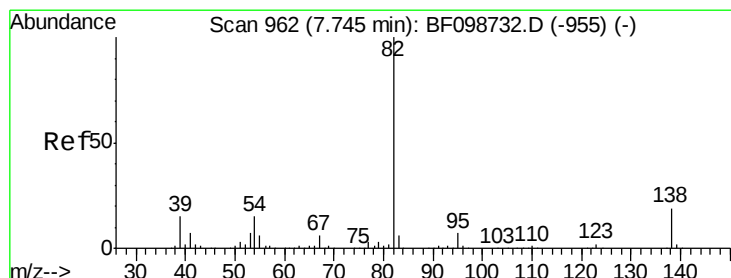
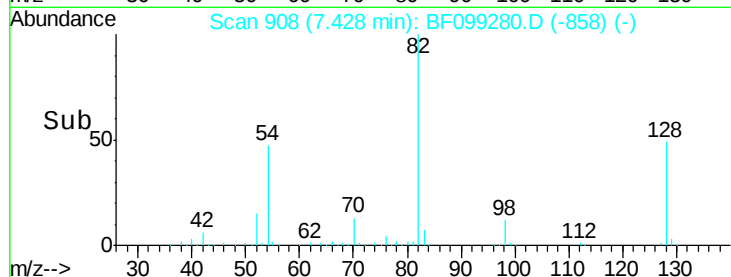
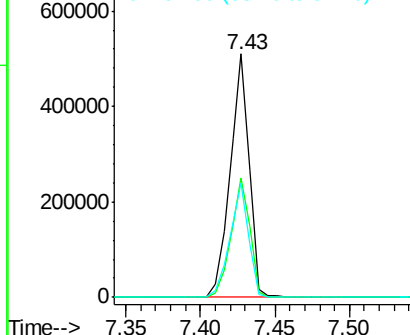
#23
Nitrobenzene-d5
Concen: 68.78 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099280.D
Acq: 9 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 460986
Ion Ratio Lower Upper
82 100
128 49.1 36.1 54.1
54 46.8 41.4 62.2

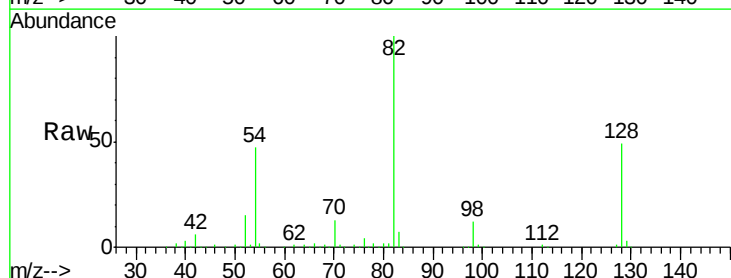


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

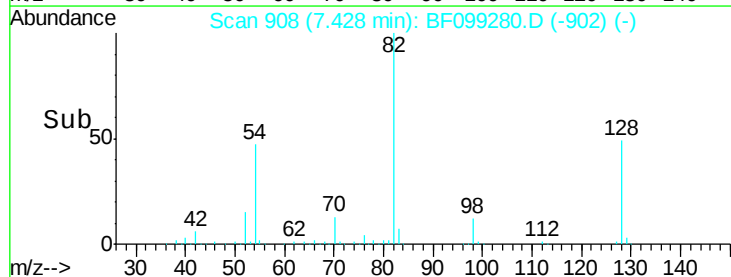
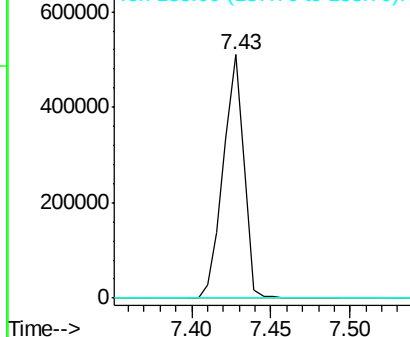


#25
Isophorone
Concen: 33.27 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.26 min
Lab File: BF099280.D
Acq: 9 Oct 2017 23:35

Tgt Ion: 82 Resp: 460981
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

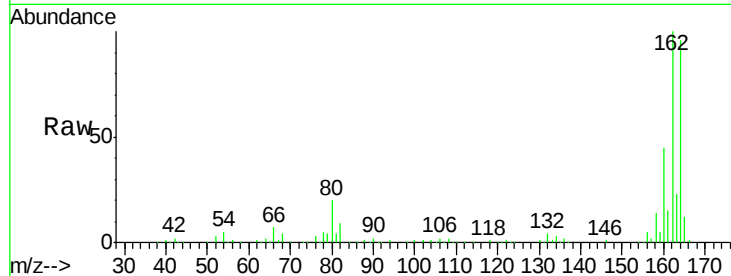




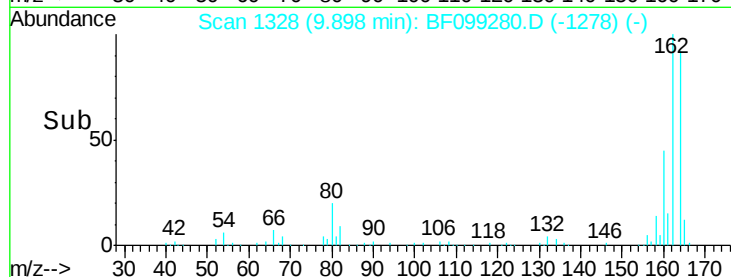
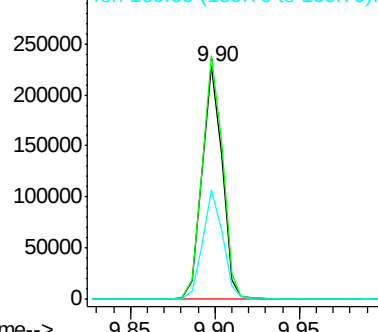
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF099280.D
Acq: 9 Oct 2017 23:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 186912
Ion Ratio Lower Upper
164 100
162 104.4 86.1 129.1
160 46.7 38.3 57.5

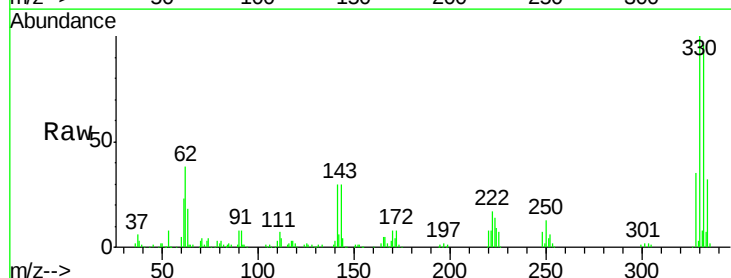


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

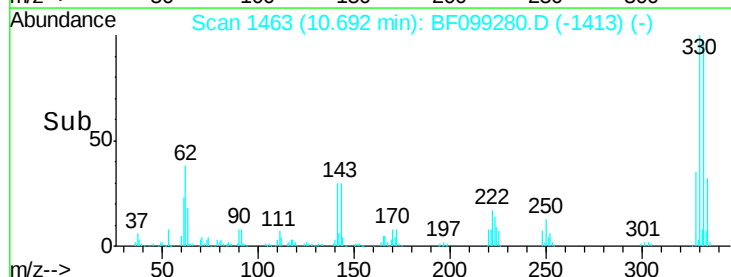
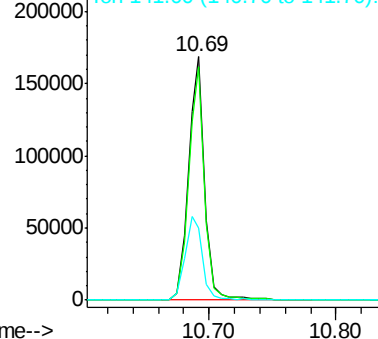


#41
2,4,6-Tribromophenol
Concen: 98.75 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF099280.D
Acq: 9 Oct 2017 23:35

Tgt Ion:330 Resp: 151032
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 37.3 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

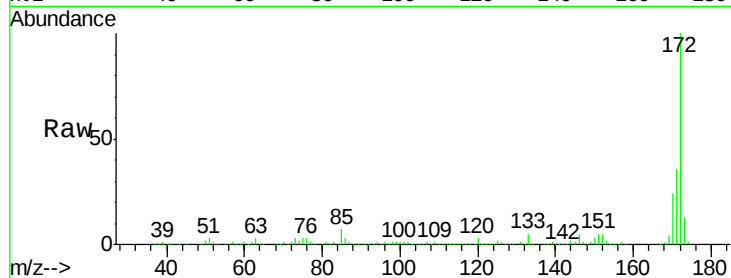




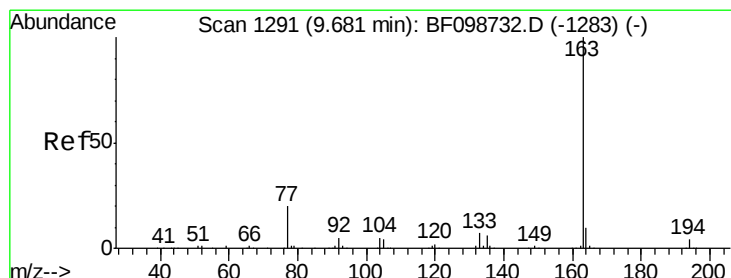
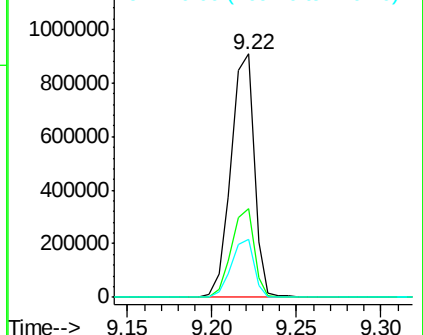
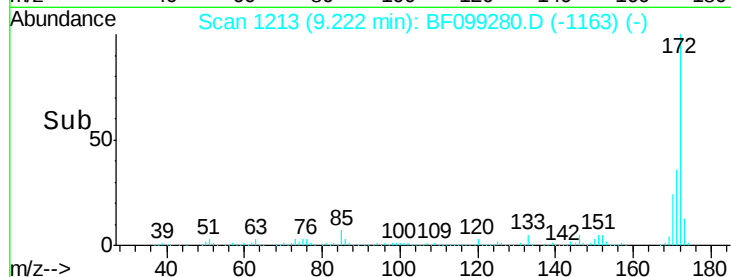
#44
 2-Fluorobiphenyl
 Concen: 78.16 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 875114
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.0 19.6 29.4

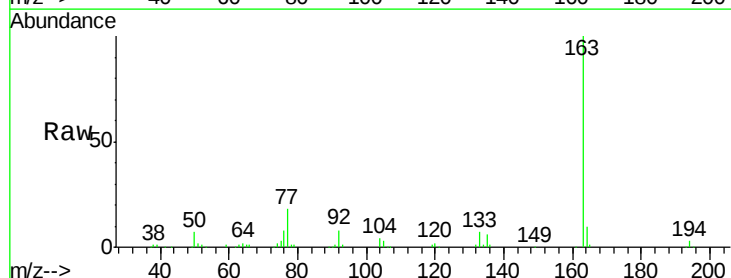


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

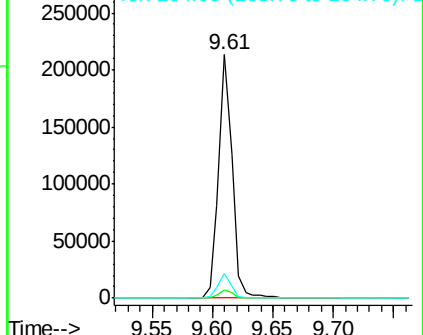
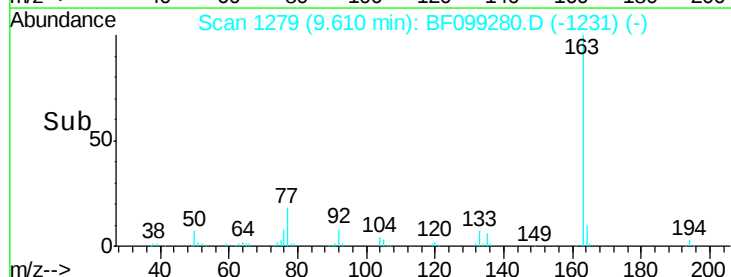


#49
 Dimethylphthalate
 Concen: 11.66 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Tgt Ion:163 Resp: 164461
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 9.9 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

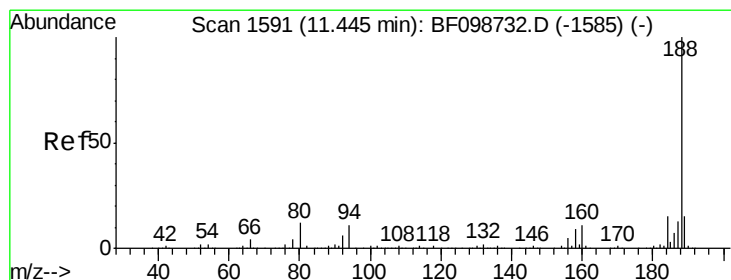
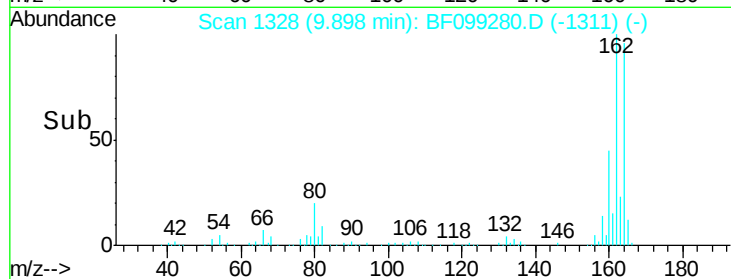
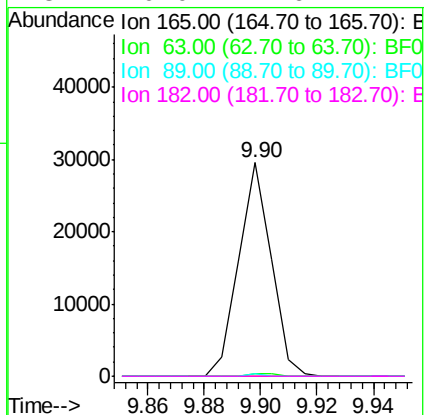
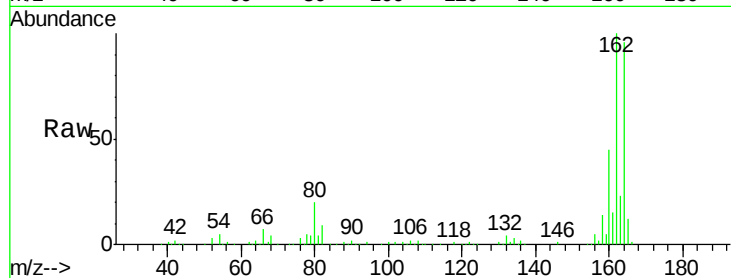




#56
 2,4-Dinitrotoluene
 Concen: 5.95 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

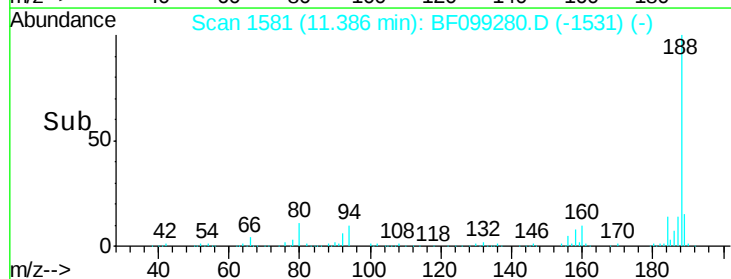
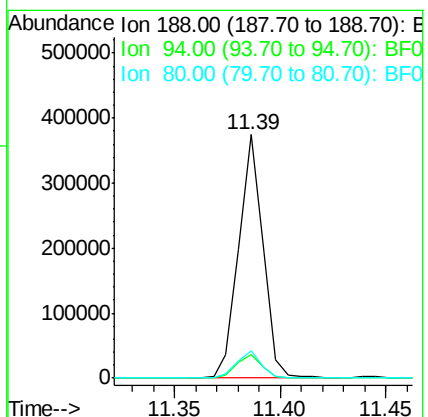
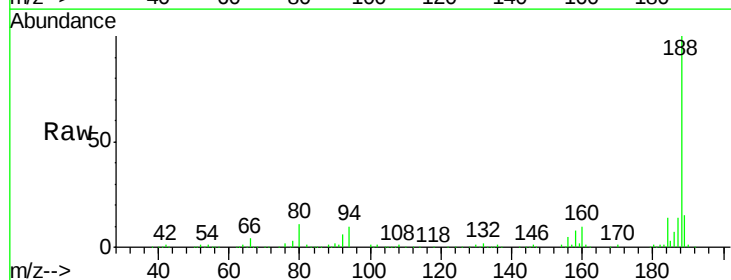
Instrument :
 BNA_F
 ClientSampleId :

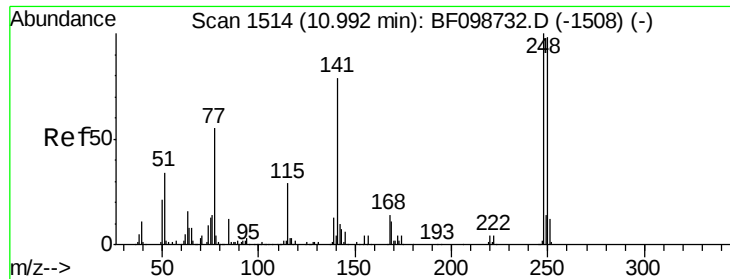
Tot Ion:165	Resp:	23725
Ion Ratio	Lower	Upper
165	100	
63	1.1	36.4 54.6#
89	1.1	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Tgt Ion:188	Resp:	297155
Ion Ratio	Lower	Upper
188	100	
94	9.9	8.5 12.7
80	11.0	9.2 13.8

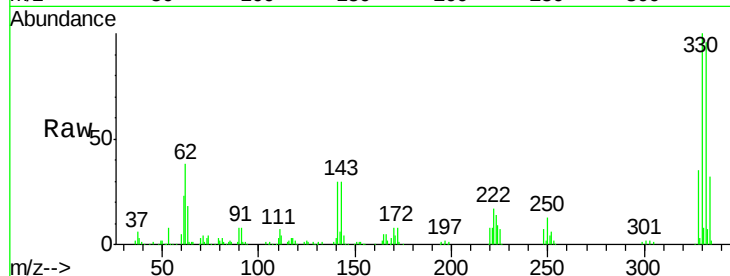




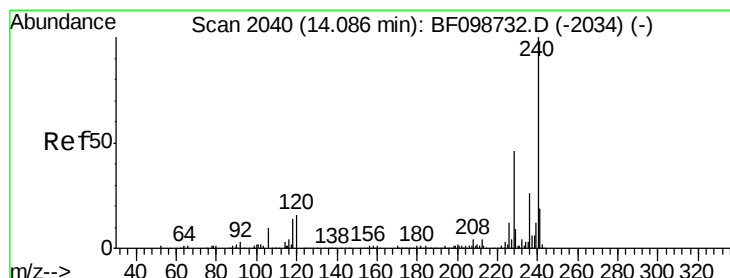
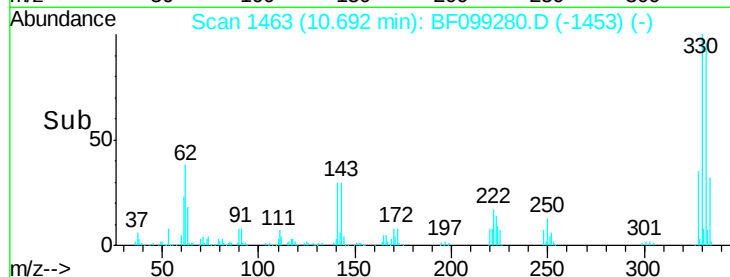
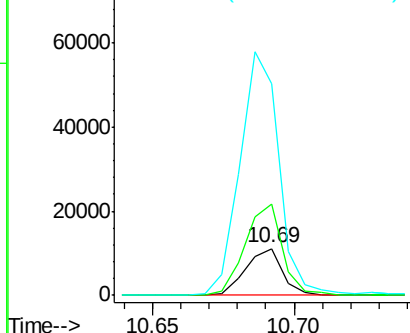
#66
 4-Bromophenyl-phenylether
 Concen: 3.40 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.9	115.3#
141	453.2	74.4	111.6#

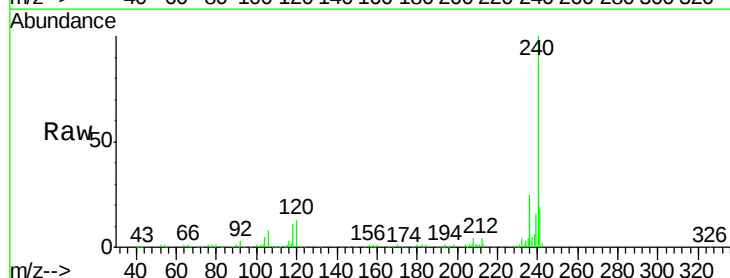


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

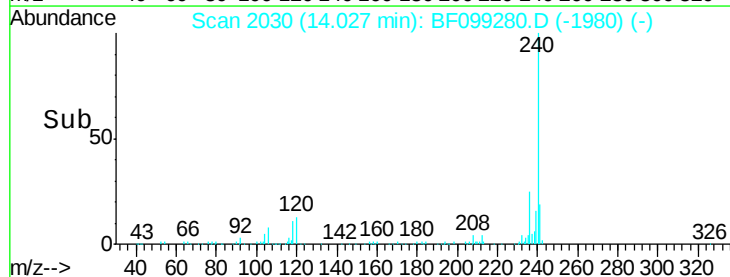
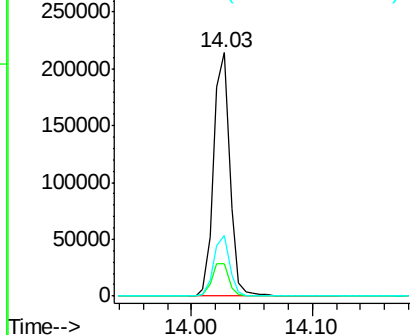


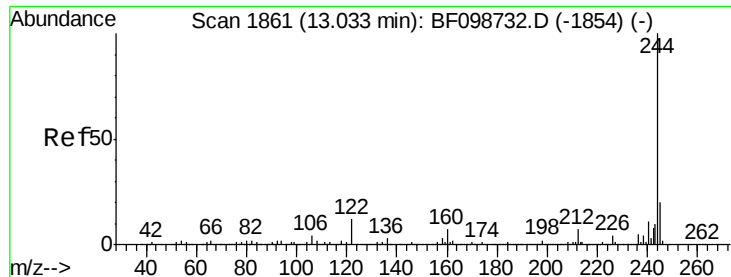
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	24.8	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

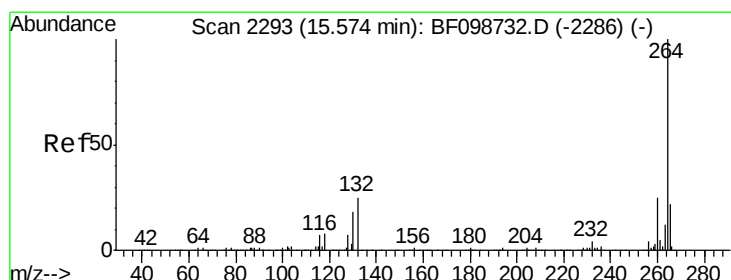
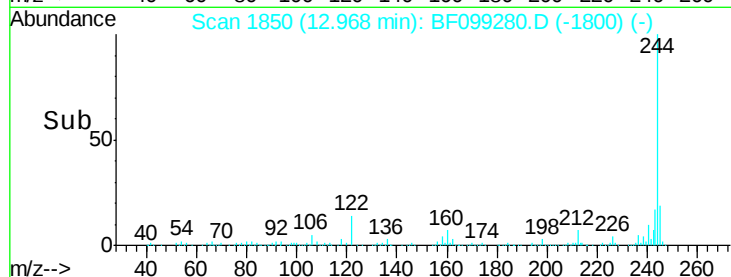
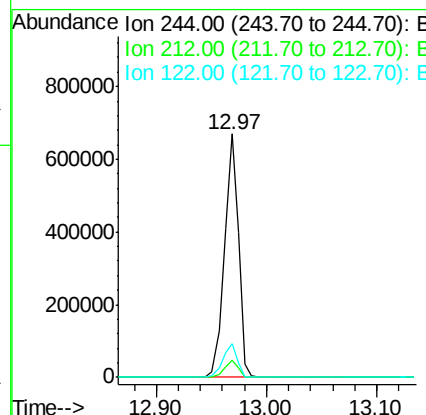
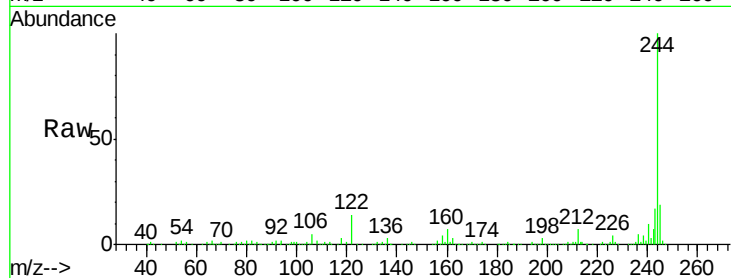




#78
 Terphenyl-d14
 Concen: 68.08 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 590317
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 13.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099280.D
 Acq: 9 Oct 2017 23:35

Tgt Ion:264 Resp: 188984
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.3 17.5 26.3

