

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099576.D
 Acq On : 17 Oct 2017 6:36
 Operator : SJ/JU
 Sample : I5907-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 07:07:49 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

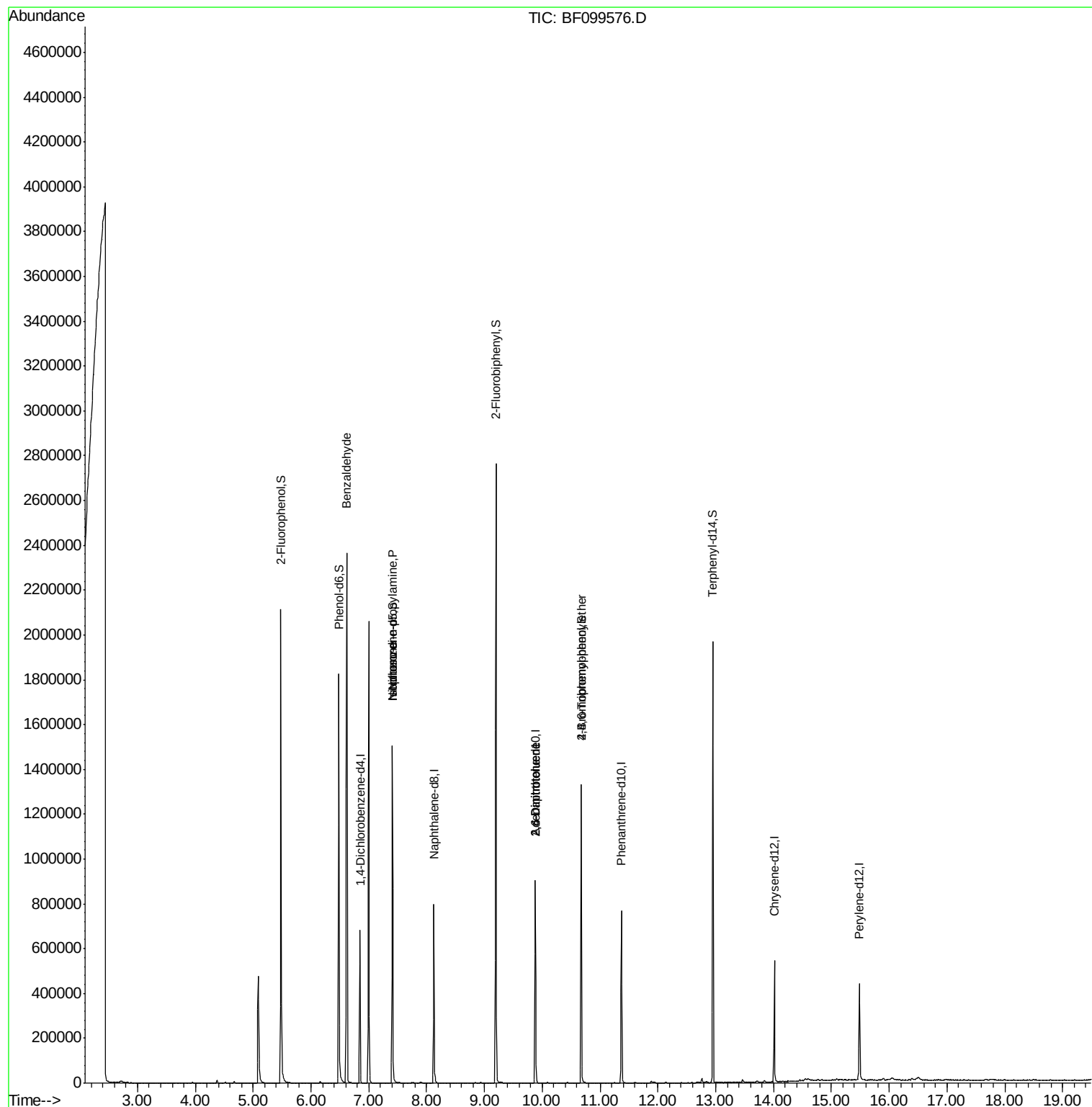
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	101795	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	406989	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	168038	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	252987	20.00	ng	0.00
75) Chrysene-d12	14.02	240	185000	20.00	ng	0.00
86) Perylene-d12	15.49	264	193086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	699412	109.38	ng	0.01
7) Phenol-d6	6.48	99	754417	95.64	ng	0.00
23) Nitrobenzene-d5	7.41	82	523234	82.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	159464	115.97	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	972585	96.62	ng	-0.01
78) Terphenyl-d14	12.95	244	634325	77.98	ng	0.00
Target Compounds						
9) Benzaldehyde	6.62	77	13578	2.97	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.41	70	66262	13.16	ng	# 74
25) Isophorone	7.41	82	523228	39.88	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	21449	7.77	ng	# 25
56) 2,4-Dinitrotoluene	9.88	165	21449	5.99	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	10317	4.17	ng	# 1

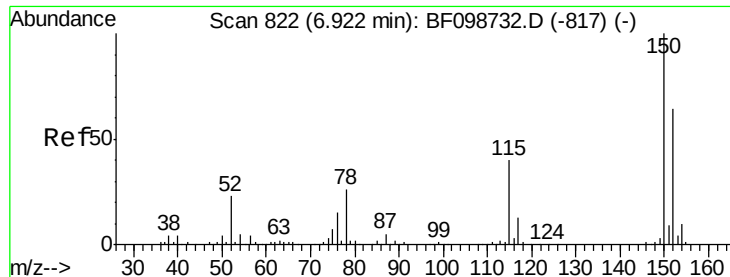
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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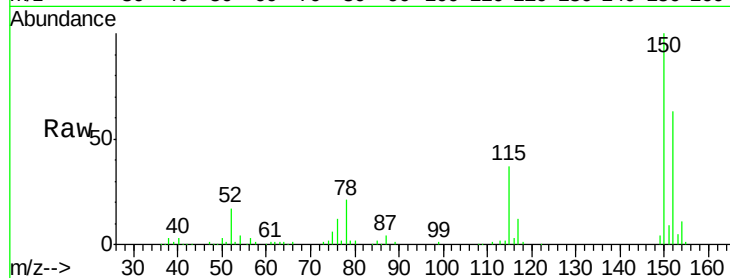


#1

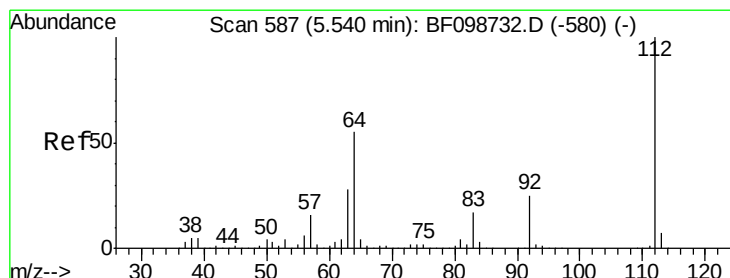
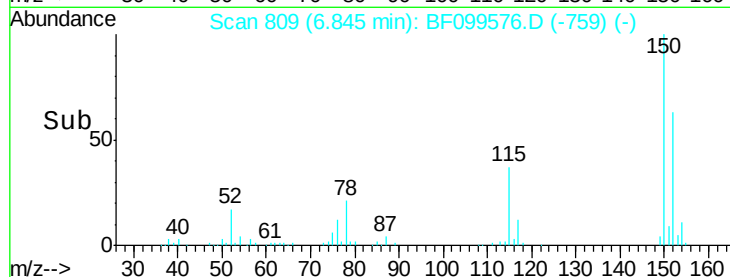
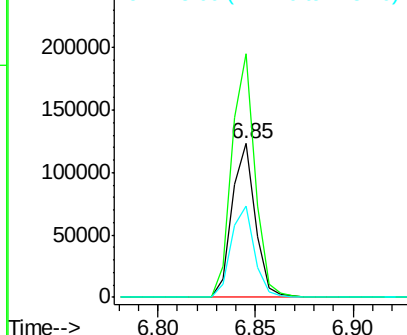
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	186.8
115	59.1	50.1	75.1



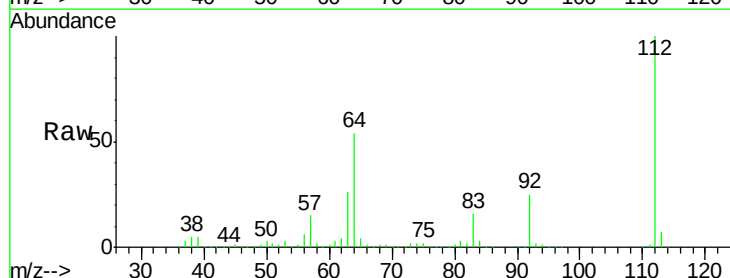
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



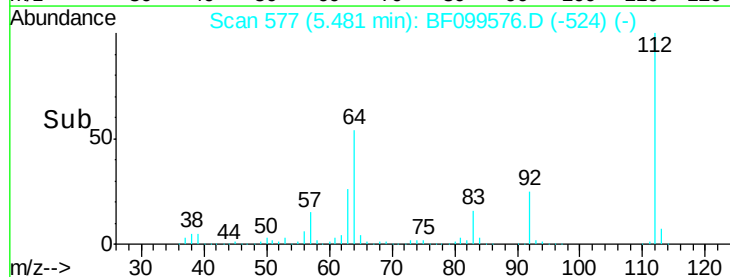
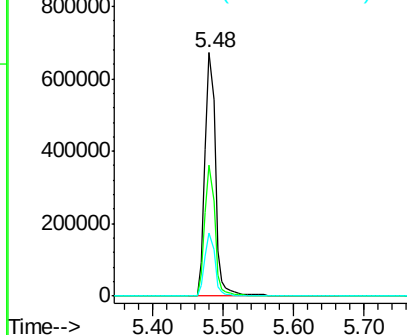
#5

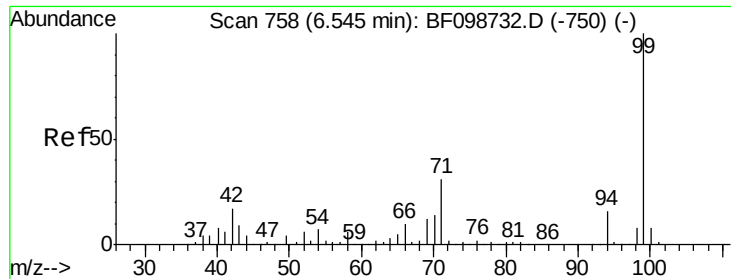
2-Fluorophenol
Concen: 109.38 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.1	47.9	71.9
63	26.1	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: 95.64 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099576.D

Acq: 17 Oct 2017 6:36

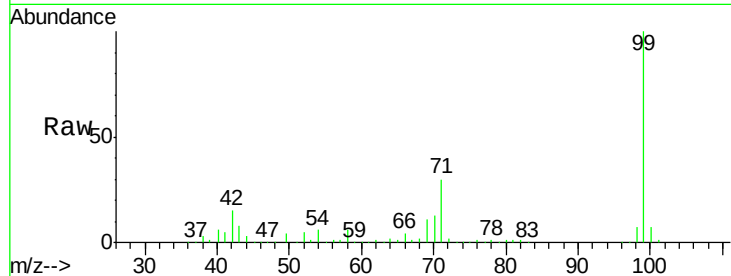
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 754417

Ion	Ratio	Lower	Upper
99	100		
42	14.8	14.5	21.7
71	30.5	25.4	38.0

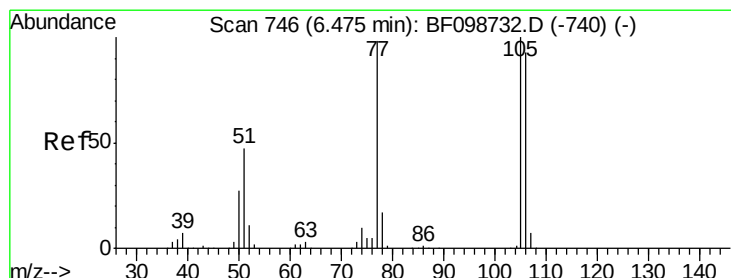
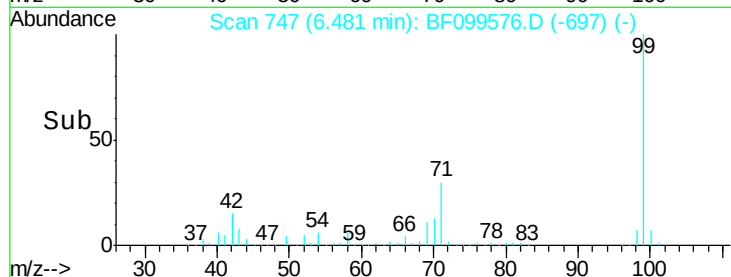
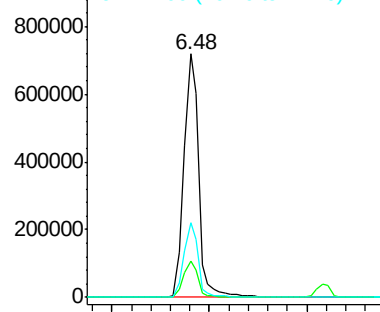


Abundance

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: 2.97 ng

RT: 6.62 min Scan# 770

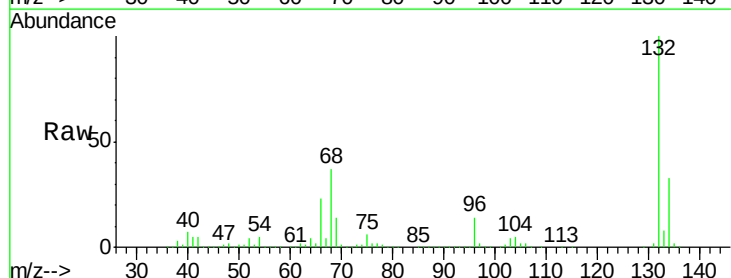
Delta R.T. 0.21 min

Lab File: BF099576.D

Acq: 17 Oct 2017 6:36

Tgt Ion: 77 Resp: 13578

Ion	Ratio	Lower	Upper
77	100		
105	83.6	81.1	121.1
106	90.8	74.5	114.5

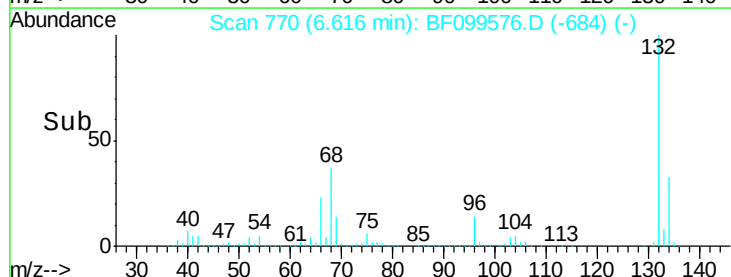
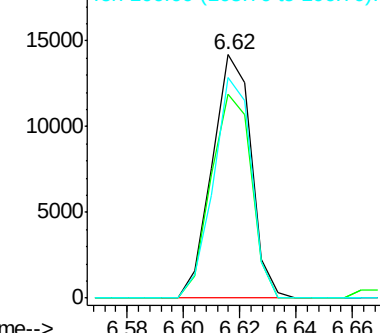


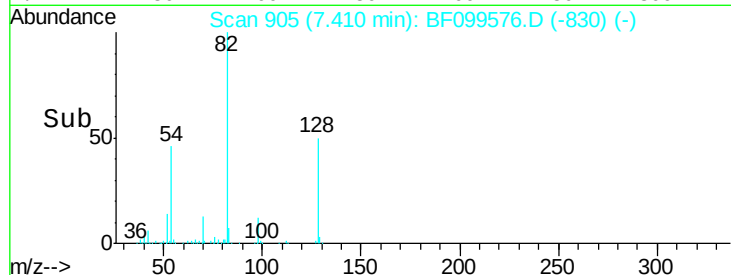
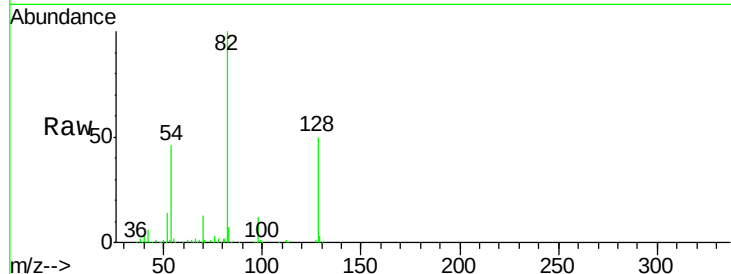
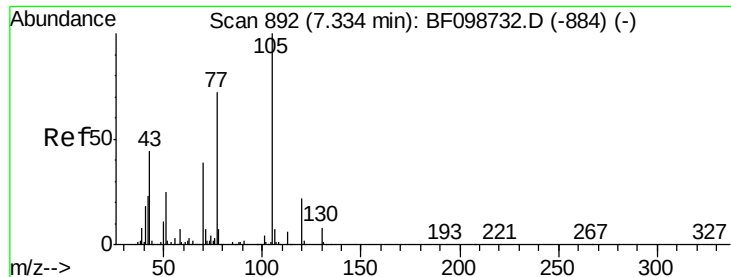
Abundance

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

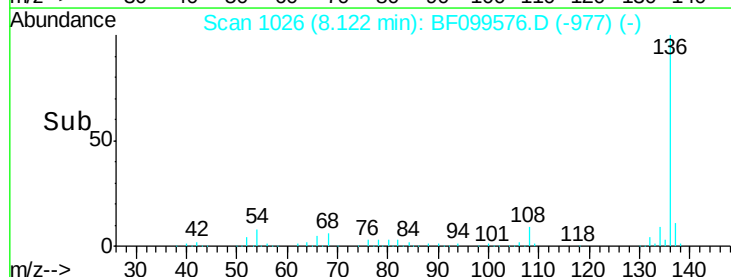
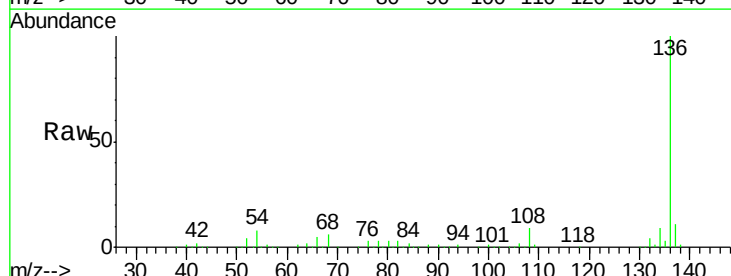
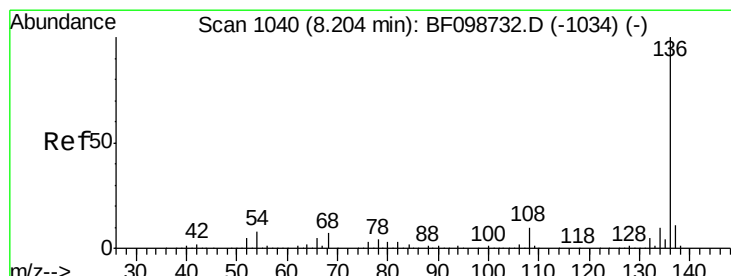
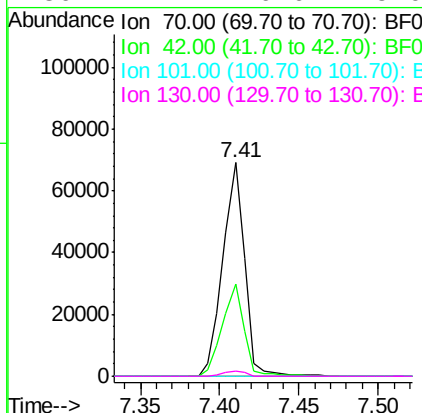




#19
n-Nitroso-di-n-propylamine
Concen: 13.16 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.14 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

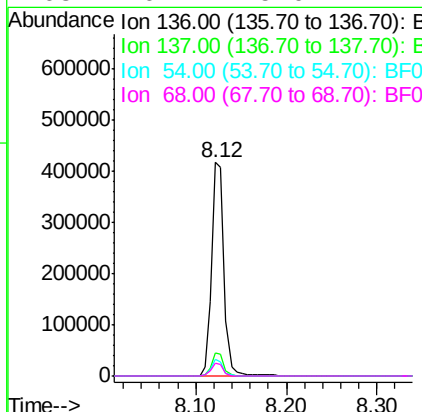
Instrument :
BNA_F
ClientSampled :

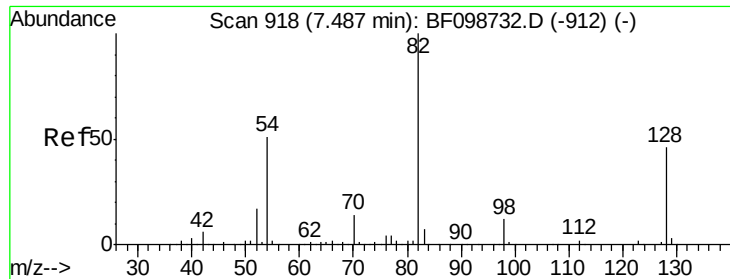
Tot Ion: 70 Resp: 66262
Ion Ratio Lower Upper
70 100
42 43.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

Tgt Ion: 136 Resp: 406989
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.5 6.6 9.8
68 6.2 5.0 7.4

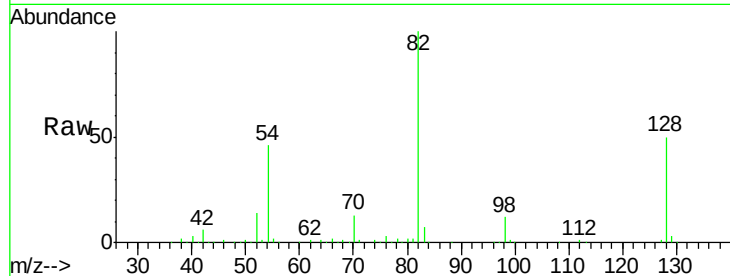




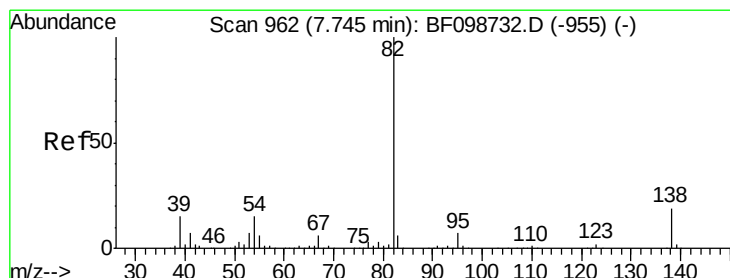
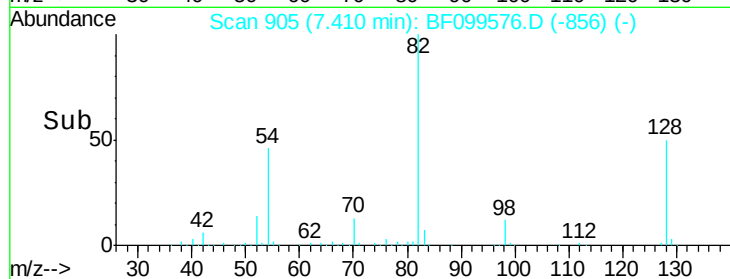
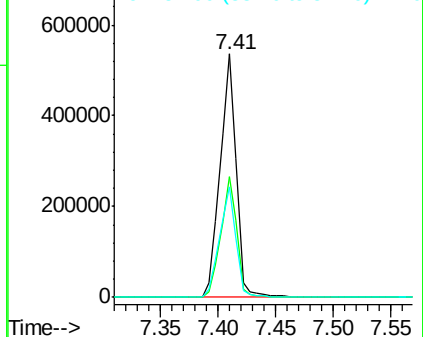
#23
 Nitrobenzene-d5
 Concen: 82.45 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF099576.D
 Acq: 17 Oct 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	523234
Ion Ratio	Lower	Upper	
82	100		
128	49.6	36.1	54.1
54	45.5	41.4	62.2

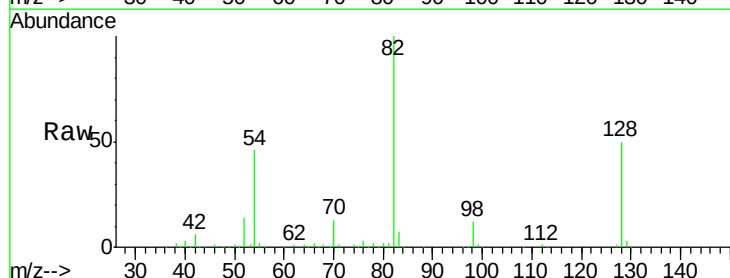


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

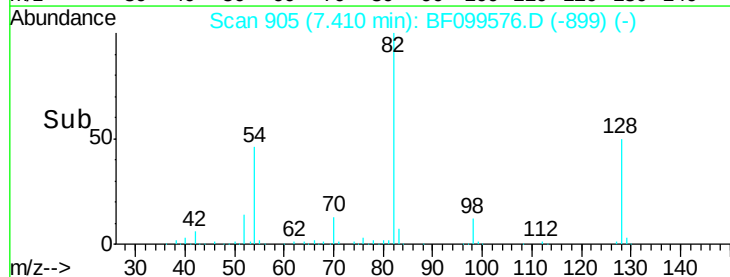
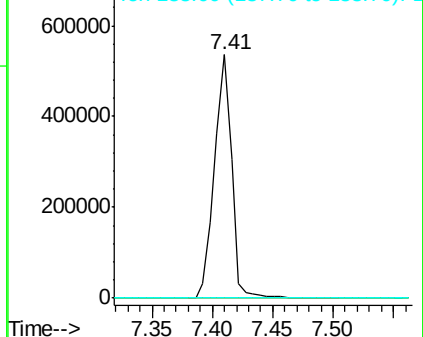


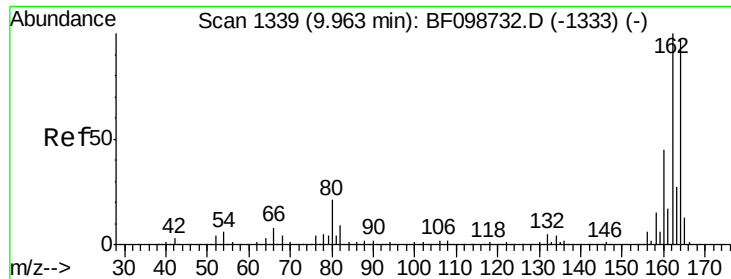
#25
 Isophorone
 Concen: 39.88 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF099576.D
 Acq: 17 Oct 2017 6:36

Tgt Ion	82	Resp	523228
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

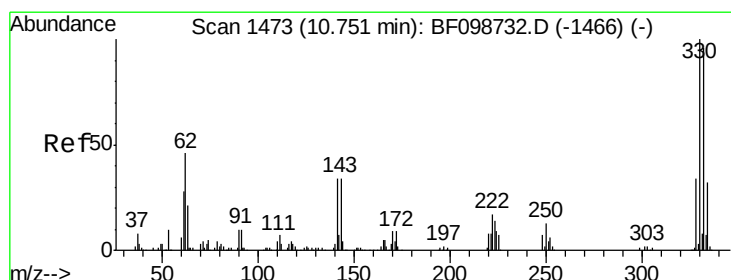
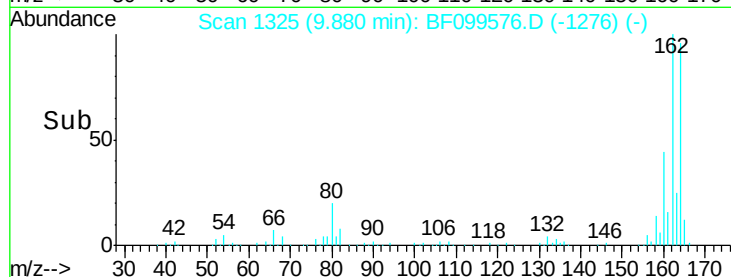
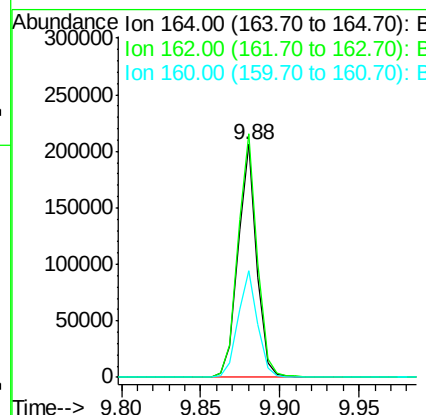
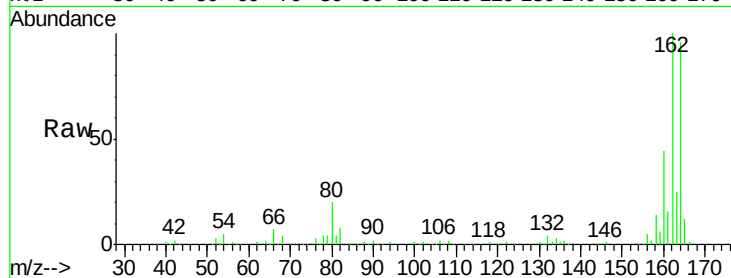




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

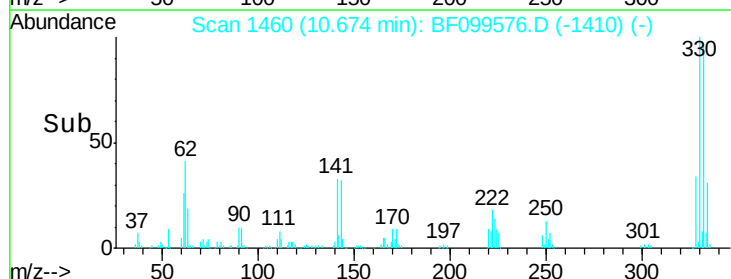
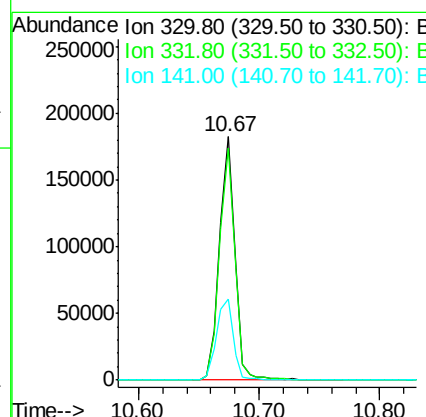
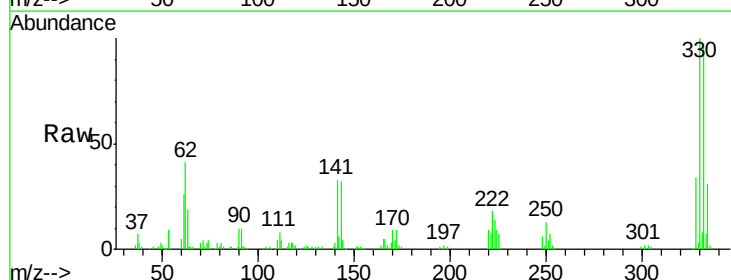
Instrument :
BNA_F
ClientSampleId :

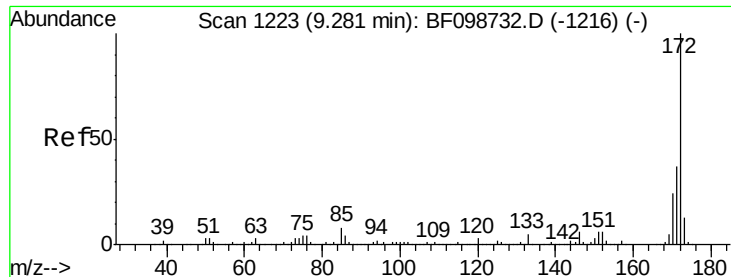
Tot Ion:164 Resp: 168038
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 45.7 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 115.97 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

Tgt Ion:330 Resp: 159464
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 36.8 29.9 44.9

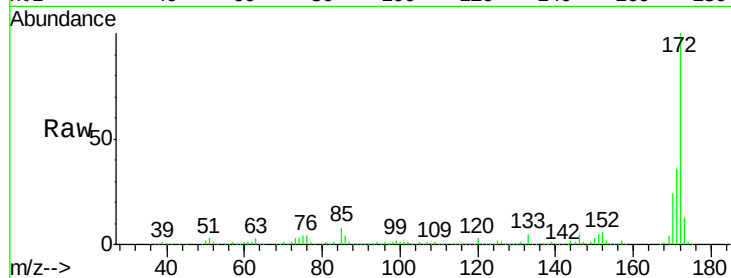




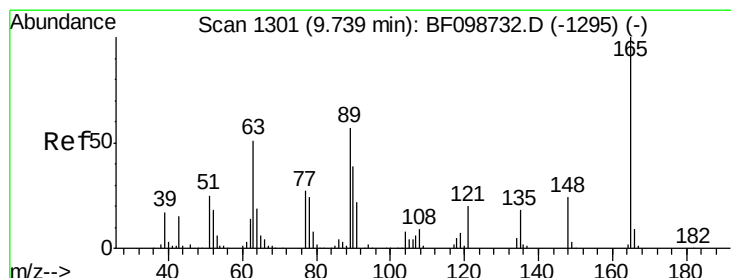
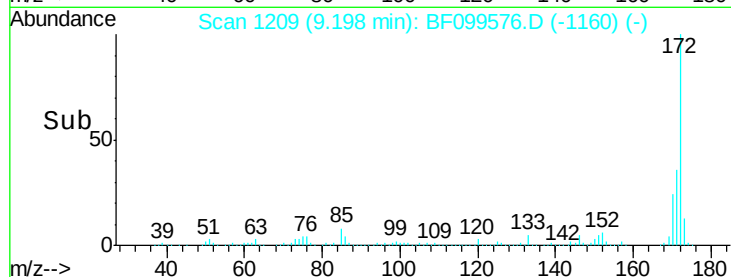
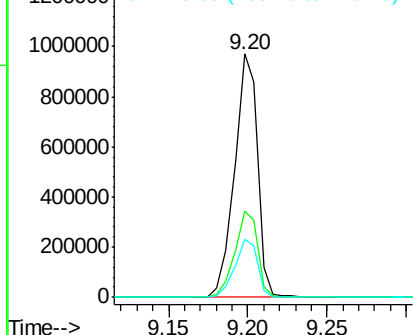
#44
2-Fluorobiphenyl
Concen: 96.62 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 972585
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.6 19.6 29.4

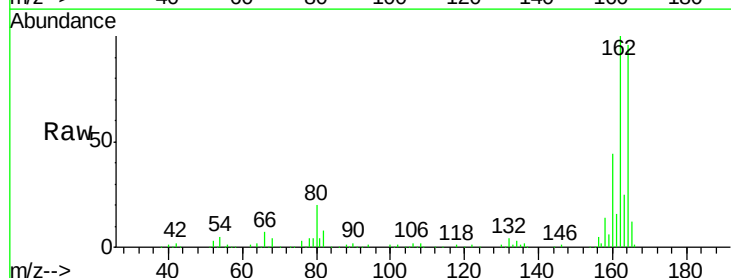


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

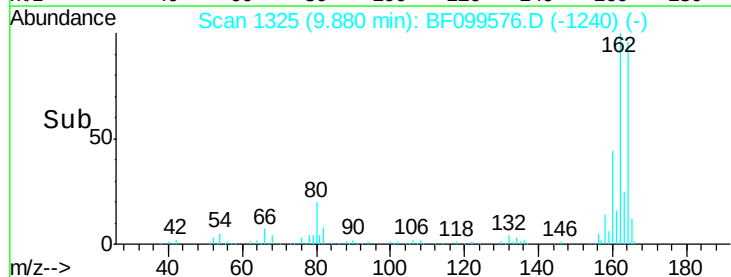
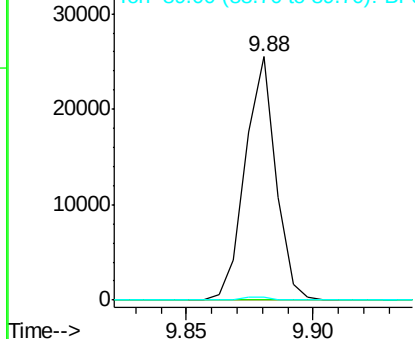


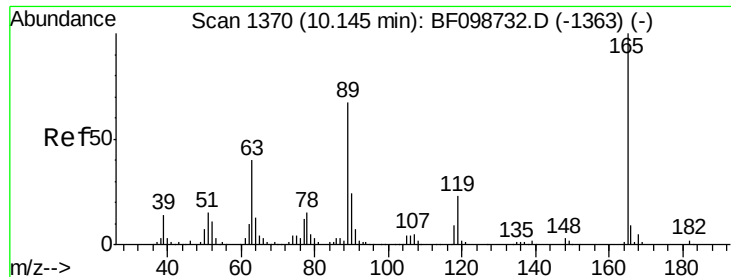
#50
2,6-Dinitrotoluene
Concen: 7.77 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.20 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

Tgt Ion:165 Resp: 21449
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.3 44.0 66.0#



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

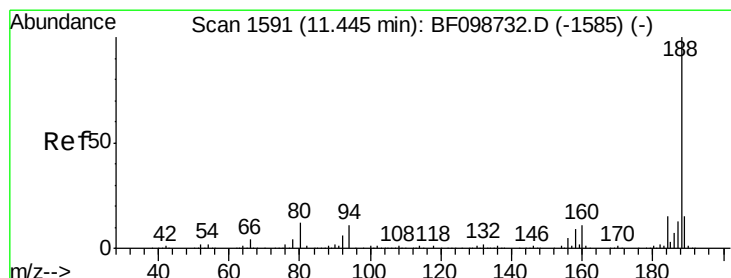
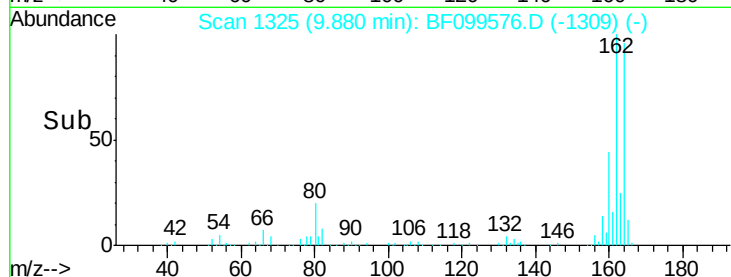
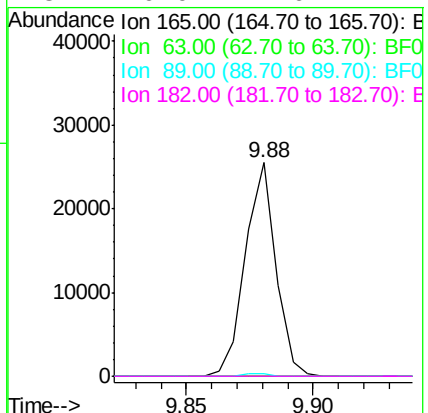
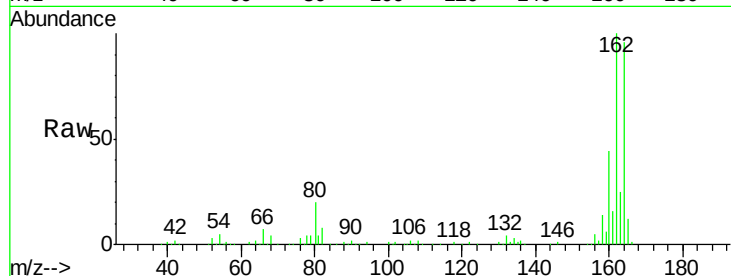




#56
 2,4-Dinitrotoluene
 Concen: 5.99 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.21 min
 Lab File: BF099576.D
 Acq: 17 Oct 2017 6:36

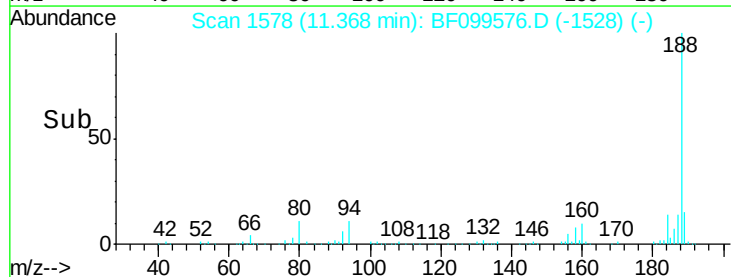
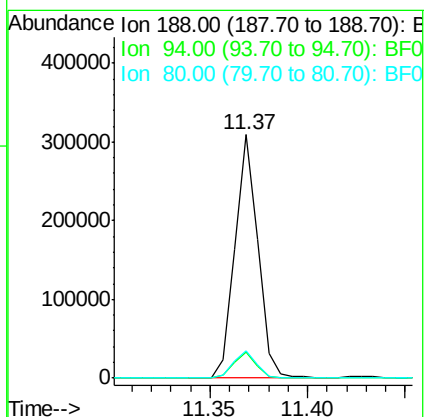
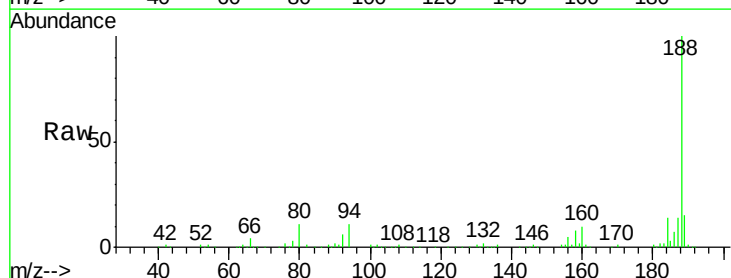
Instrument :
 BNA_F
 ClientSampleId :

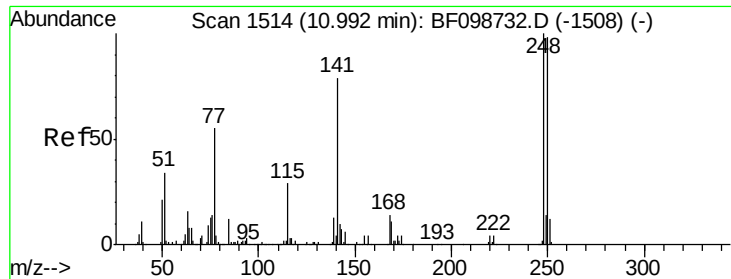
Tot Ion:165	Resp:	21449
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.3	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF099576.D
 Acq: 17 Oct 2017 6:36

Tgt Ion:188	Resp:	252987
Ion Ratio	Lower	Upper
188	100	
94	10.5	8.5 12.7
80	11.1	9.2 13.8

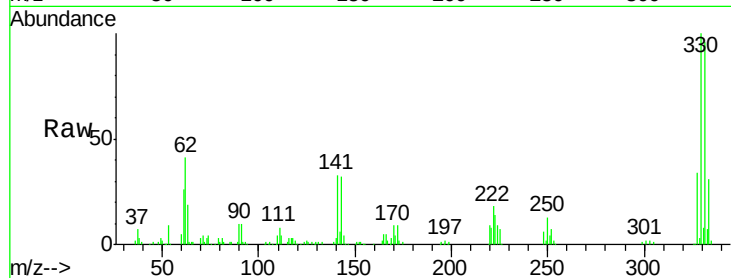




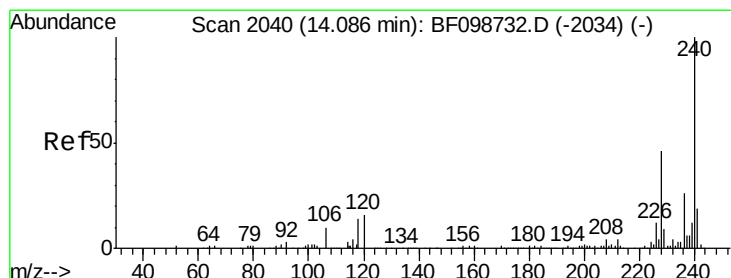
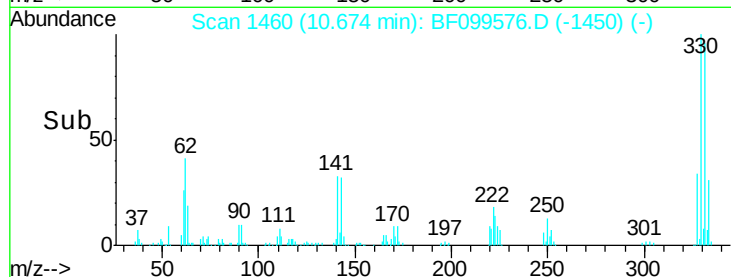
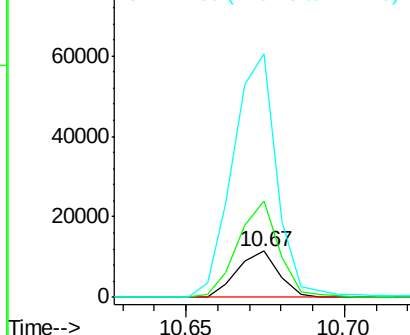
#66
4-Bromophenyl-phenylether
Concen: 4.17 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10317
Ion Ratio Lower Upper
248 100
250 210.0 76.9 115.3#
141 530.2 74.4 111.6#

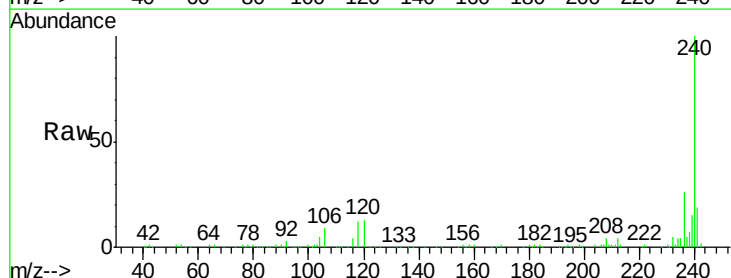


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

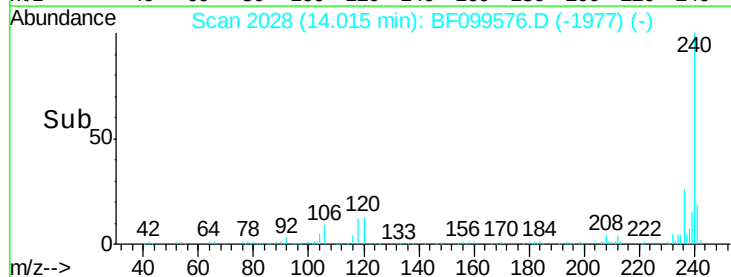
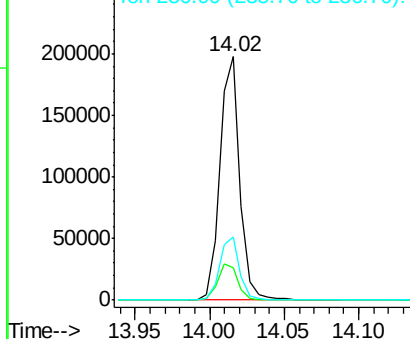


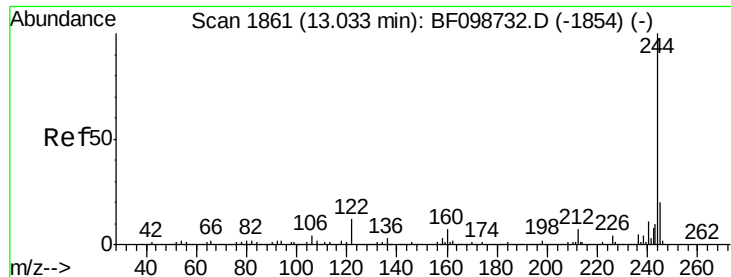
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF099576.D
Acq: 17 Oct 2017 6:36

Tgt Ion:240 Resp: 185000
Ion Ratio Lower Upper
240 100
120 13.3 9.5 14.3
236 25.8 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

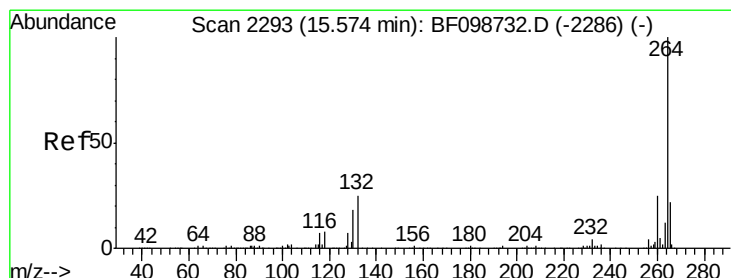
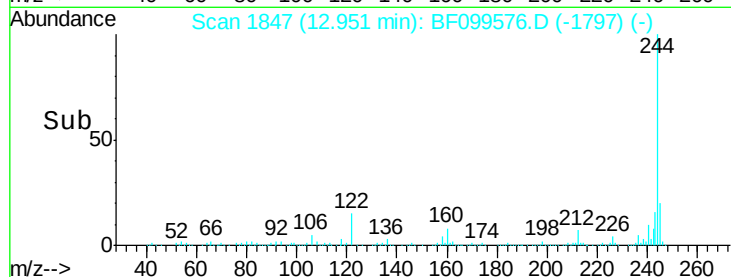
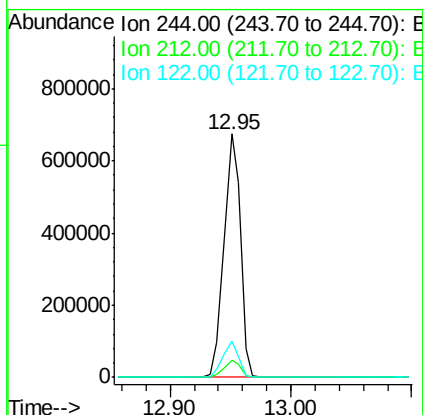
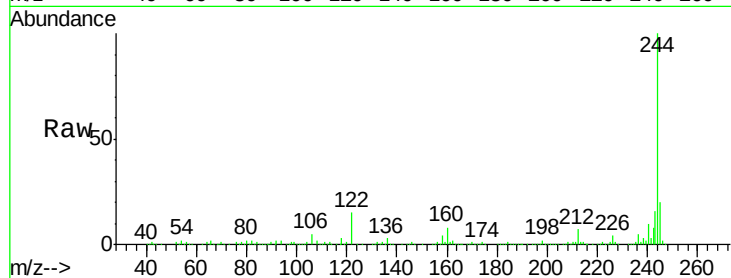




#78
 Terphenyl-d14
 Concen: 77.98 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF099576.D
 Acq: 17 Oct 2017 6:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 634325
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.8 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: BF099576.D
 Acq: 17 Oct 2017 6:36

Tgt Ion:264 Resp: 193086
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.2 28.8
 265 20.0 17.5 26.3

