

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099741.D
 Acq On : 21 Oct 2017 21:26
 Operator : SJ/JU
 Sample : I6025-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 22 00:50:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

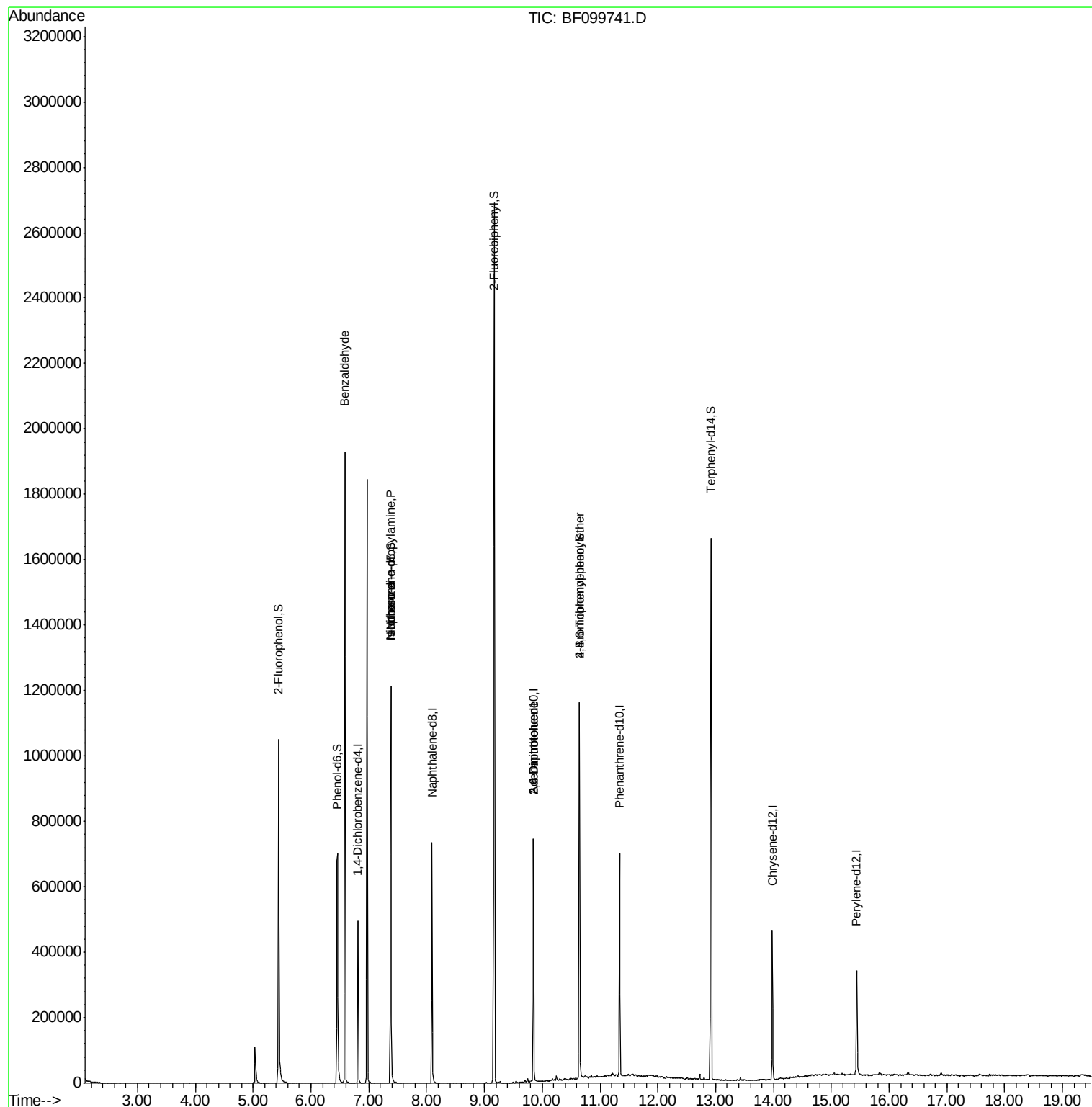
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	83055	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	347022	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	154273	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	247450	20.00	ng	0.00
75) Chrysene-d12	13.98	240	140548	20.00	ng	0.00
86) Perylene-d12	15.44	264	148958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	348178	66.73	ng	0.00
7) Phenol-d6	6.46	99	302749	47.04	ng	0.00
23) Nitrobenzene-d5	7.38	82	453832	83.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	150145	118.94	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	910905	98.57	ng	0.00
78) Terphenyl-d14	12.92	244	559361	90.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.59	77	10226	2.739	ng	98
19) n-Nitroso-di-n-propylamine	7.38	70	57251	13.932	ng	# 72
25) Isophorone	7.38	82	453832	40.565	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	20180	7.961	ng	# 24
56) 2,4-Dinitrotoluene	9.85	165	20180	6.134	ng	# 21
66) 4-Bromophenyl-phenylether	10.65	248	9802	4.047	ng	# 1

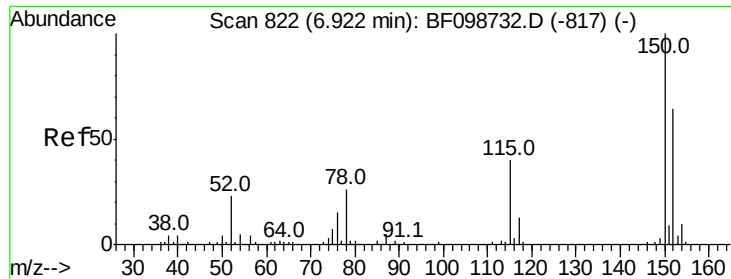
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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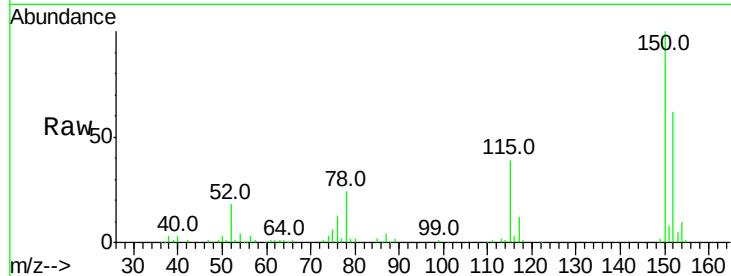


#1

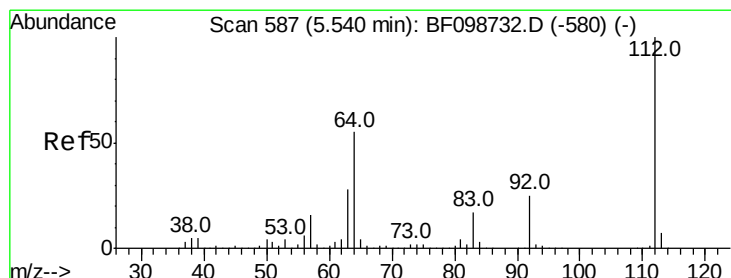
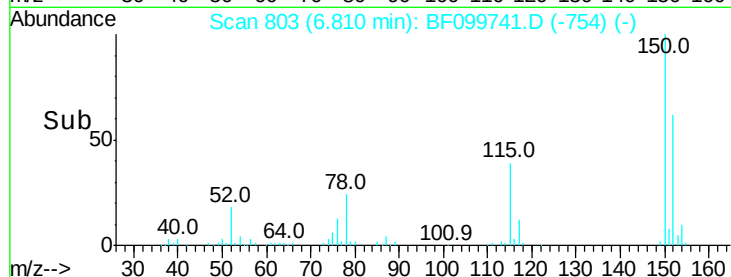
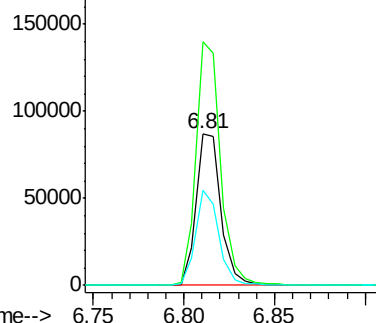
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099741.D
Acq: 21 Oct 2017 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83055
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 62.9 50.1 75.1



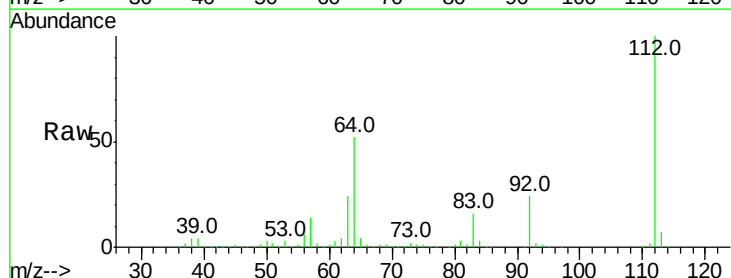
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



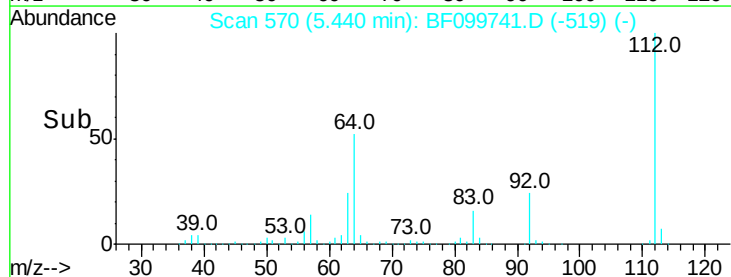
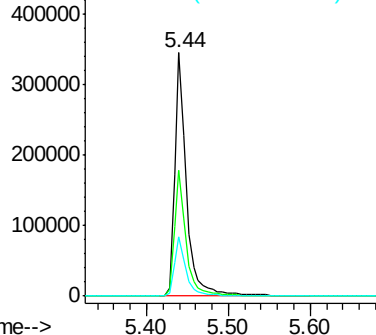
#5

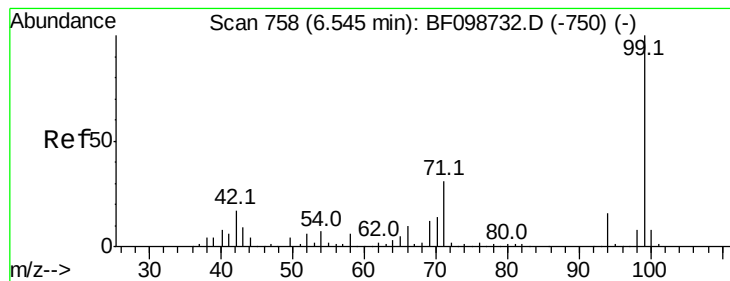
2-Fluorophenol
Concen: 66.735 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.00 min
Lab File: BF099741.D
Acq: 21 Oct 2017 21:26

Tgt Ion:112 Resp: 348178
Ion Ratio Lower Upper
112 100
64 51.9 47.9 71.9
63 24.5 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: 47.039 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099741.D

Acq: 21 Oct 2017 21:26

Instrument :

BNA_F

ClientSampled :

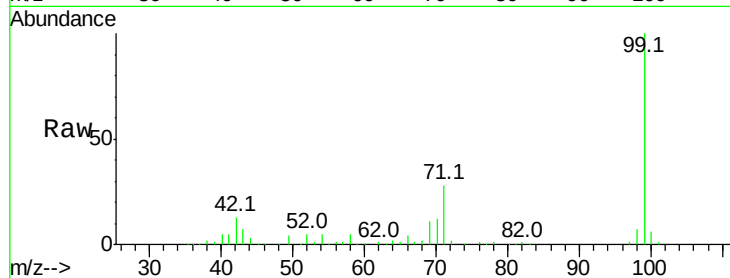
Tot Ion: 99 Resp: 302749

Ion Ratio Lower Upper

99 100

42 13.1 14.5 21.7#

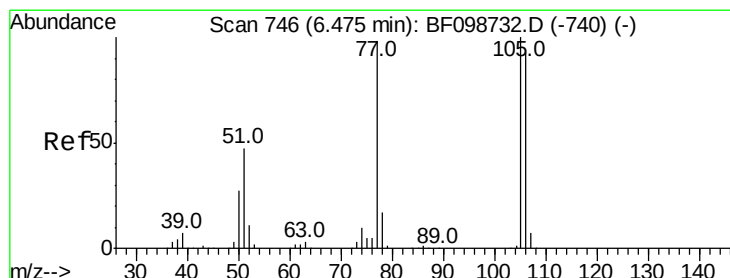
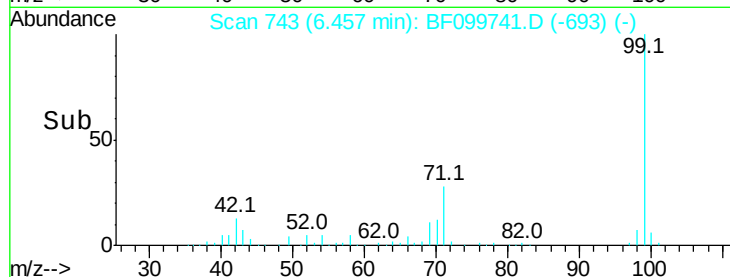
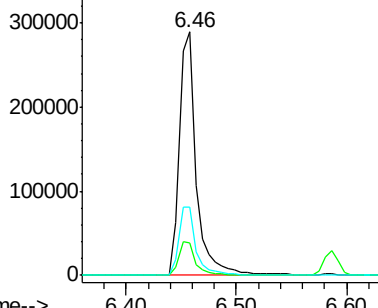
71 27.8 25.4 38.0



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: 2.739 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.21 min

Lab File: BF099741.D

Acq: 21 Oct 2017 21:26

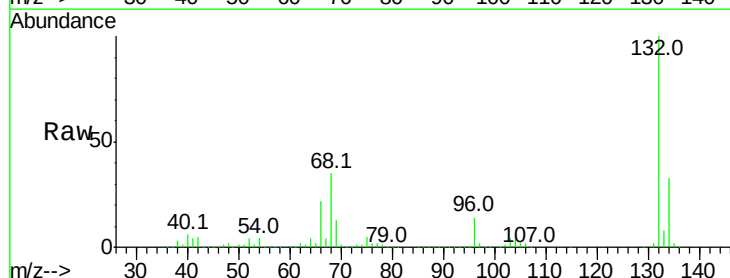
Tgt Ion: 77 Resp: 10226

Ion Ratio Lower Upper

77 100

105 98.0 81.1 121.1

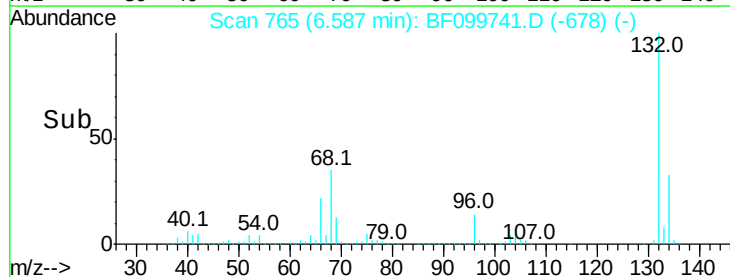
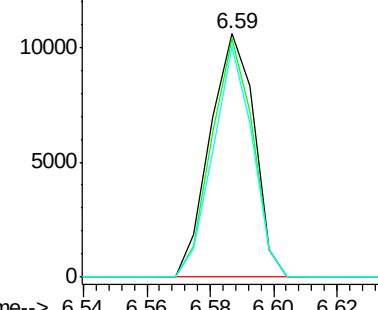
106 94.6 74.5 114.5

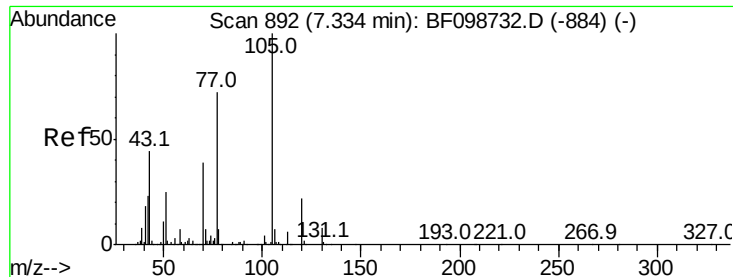


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

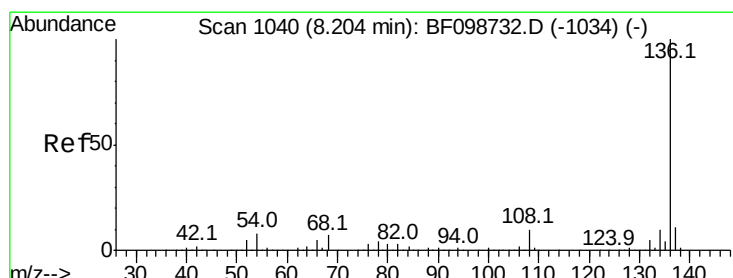
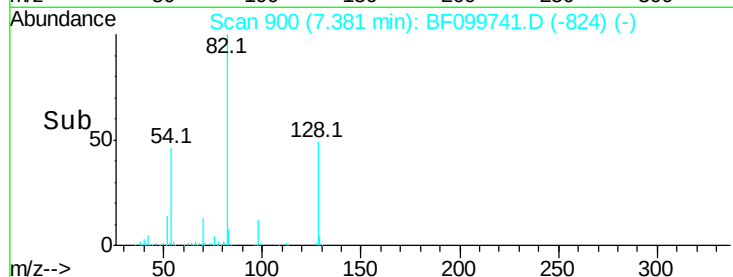
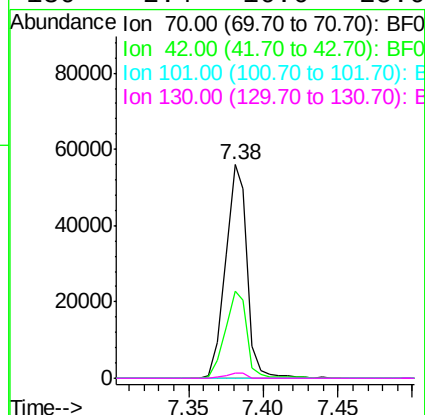
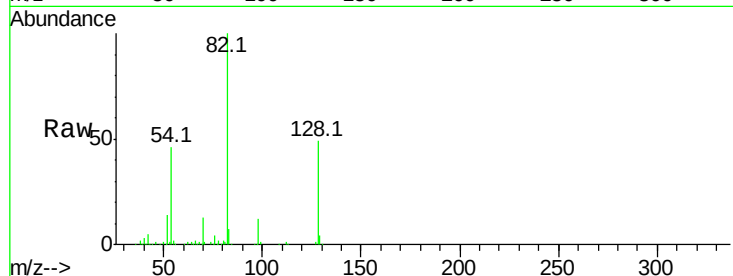




#19
n-Nitroso-di-n-propylamine
Concen: 13.932 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF099741.D
Acq: 21 Oct 2017 21:26

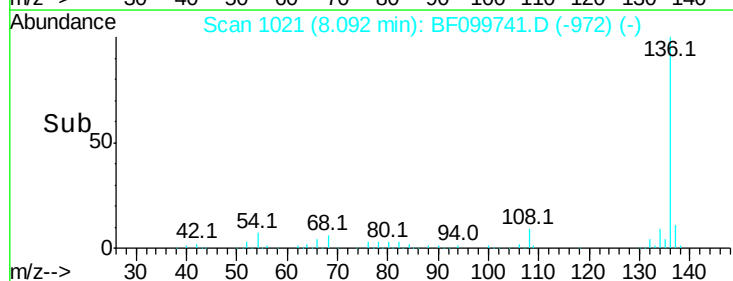
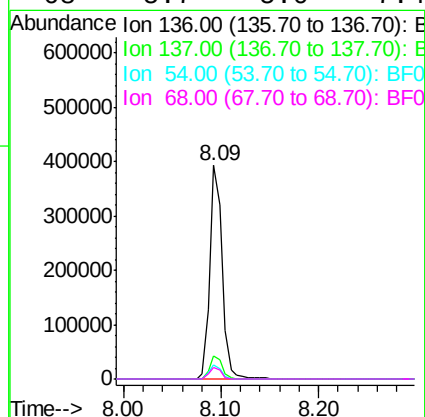
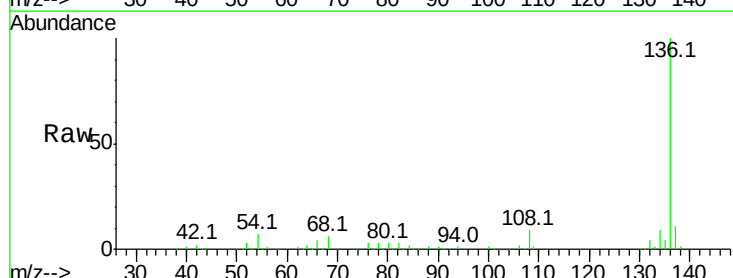
Instrument :
BNA_F
ClientSampleId :

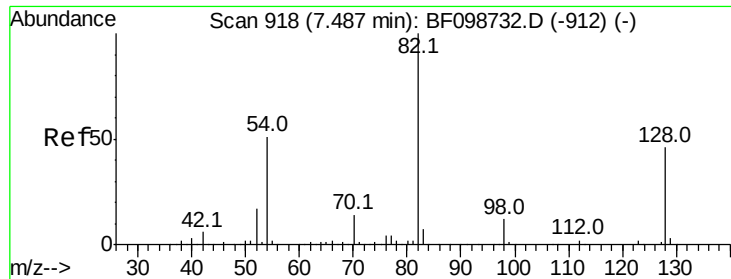
Tot Ion: 70 Resp: 57251
Ion Ratio Lower Upper
70 100
42 41.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF099741.D
Acq: 21 Oct 2017 21:26

Tgt Ion: 136 Resp: 347022
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.6 9.8
68 5.7 5.0 7.4

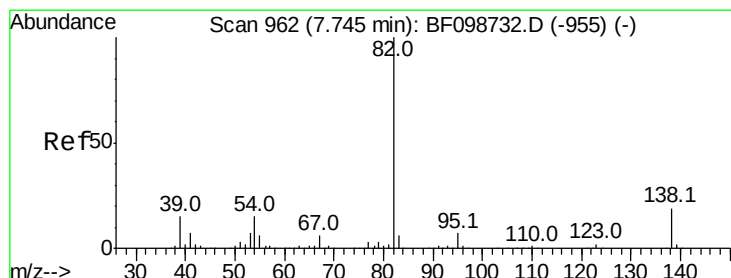
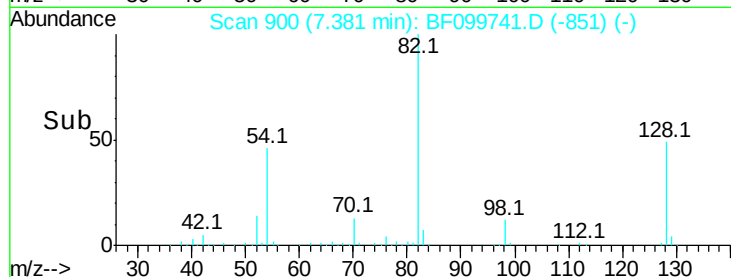
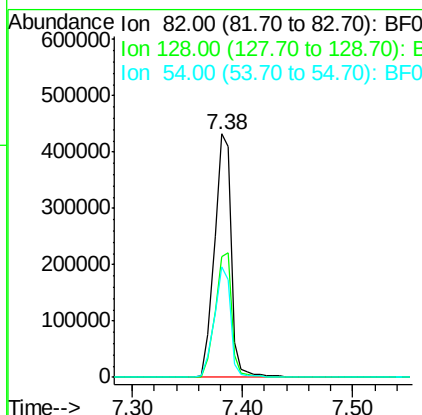
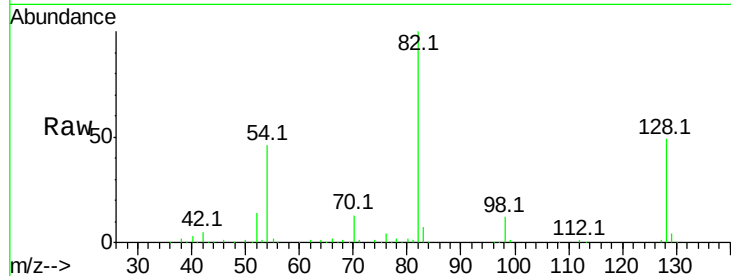




#23
 Nitrobenzene-d5
 Concen: 83.869 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

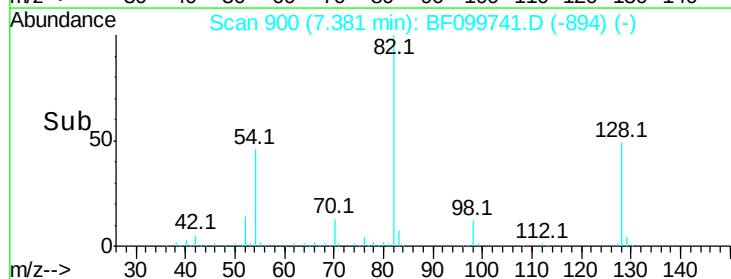
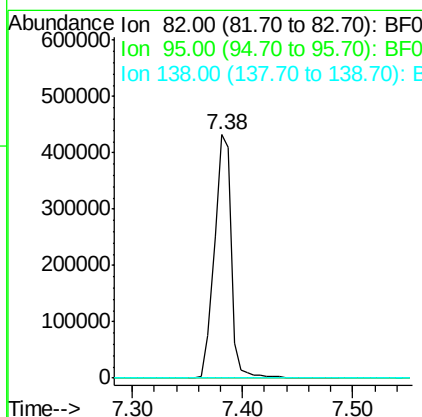
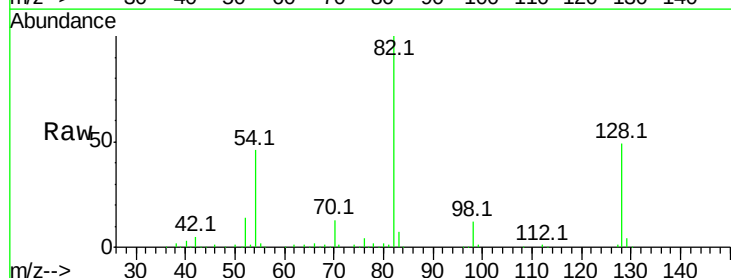
Instrument :
 BNA_F
 ClientSampled :

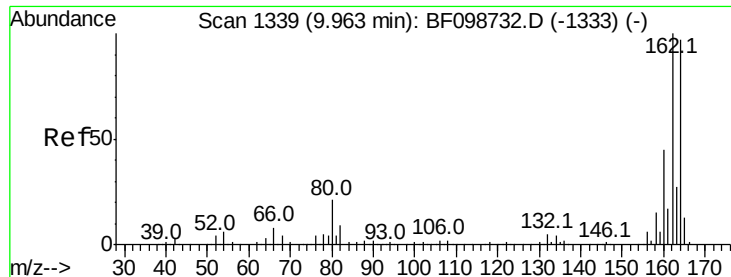
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.4	36.1	54.1
54	45.6	41.4	62.2



#25
 Isophorone
 Concen: 40.565 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.26 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

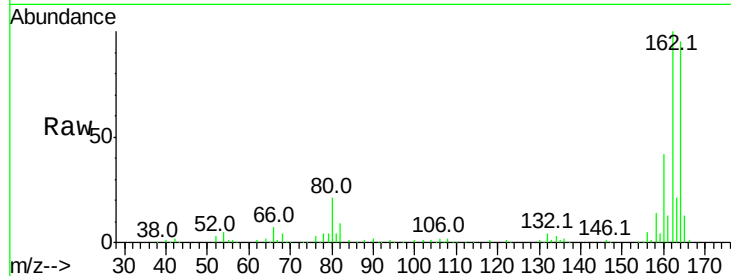




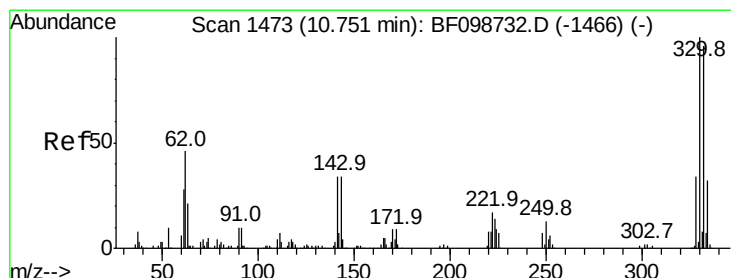
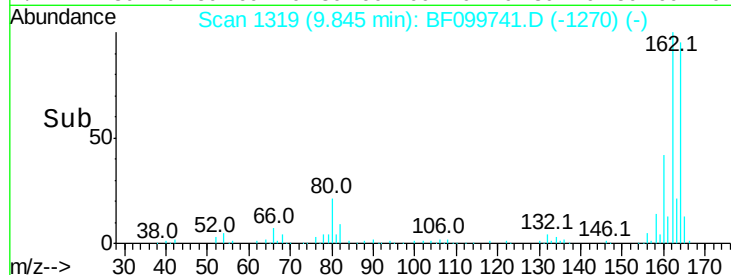
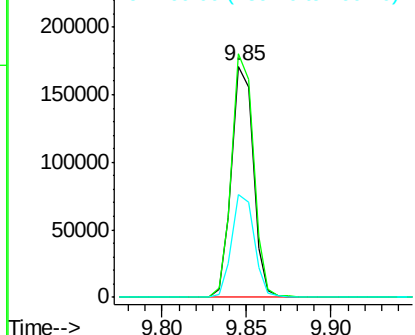
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 154273
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 44.7 38.3 57.5

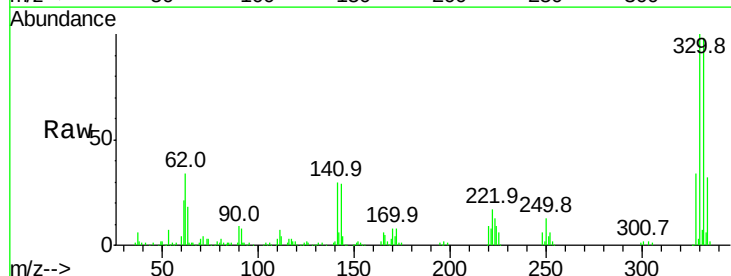


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

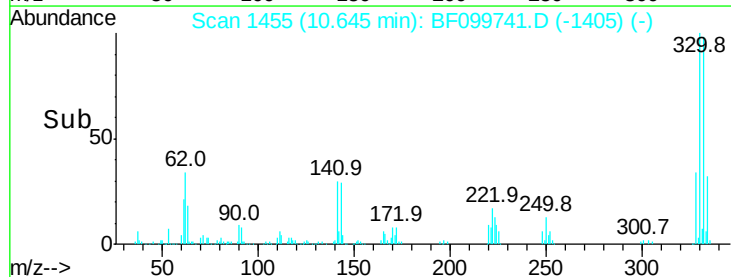
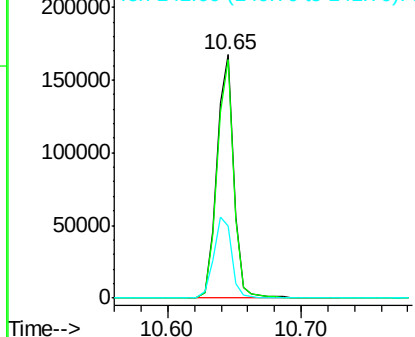


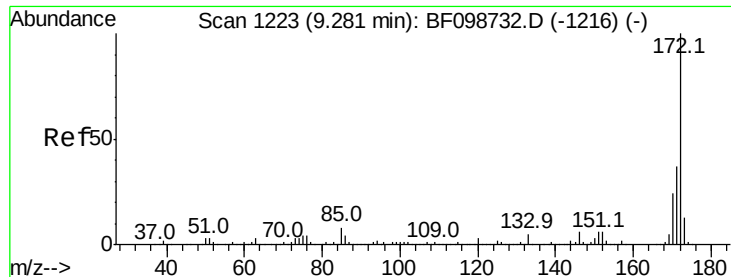
#41
 2,4,6-Tribromophenol
 Concen: 118.939 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Tgt Ion:330 Resp: 150145
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 36.1 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

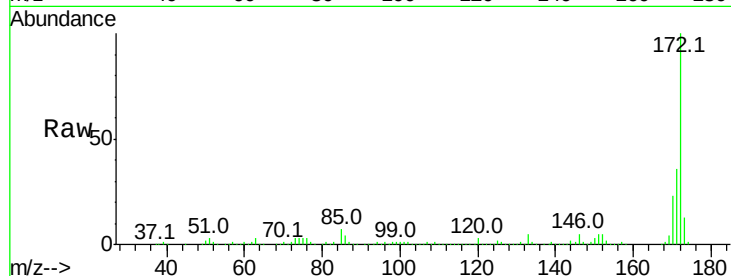




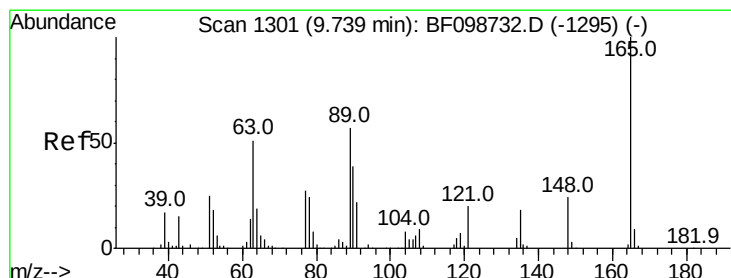
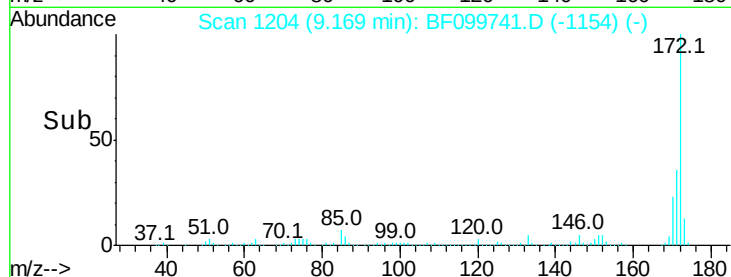
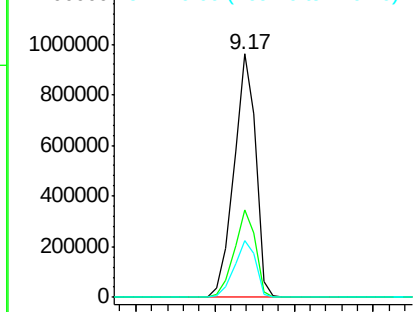
#44
 2-Fluorobiphenyl
 Concen: 98.571 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 910905
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.4 19.6 29.4

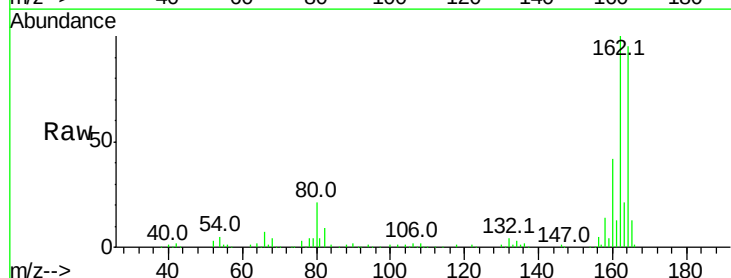


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

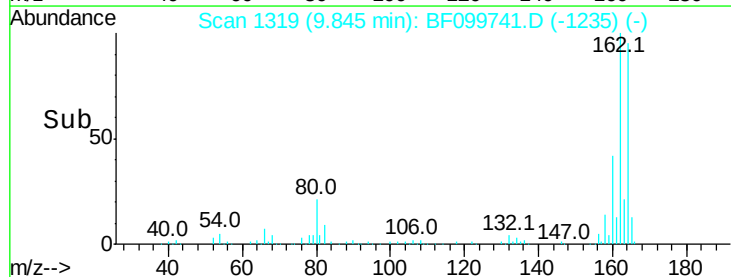
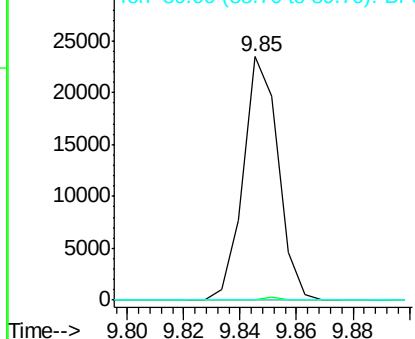


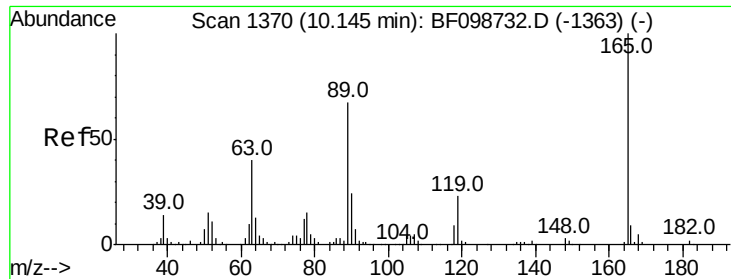
#50
 2,6-Dinitrotoluene
 Concen: 7.961 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.19 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Tgt Ion:165 Resp: 20180
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 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

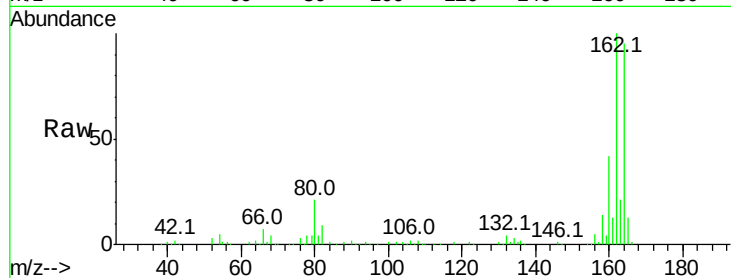




#56
 2,4-Dinitrotoluene
 Concen: 6.134 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.21 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	20180
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	0.0	57.8 86.6#
182	0.0	1.6 2.4#

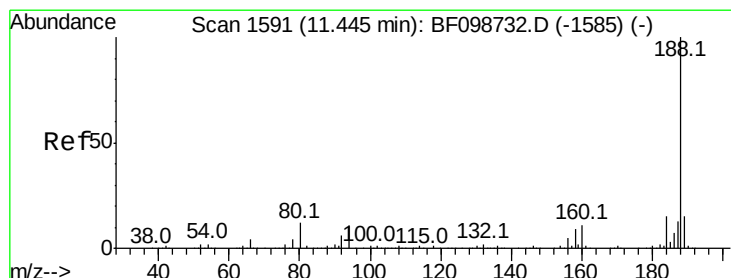
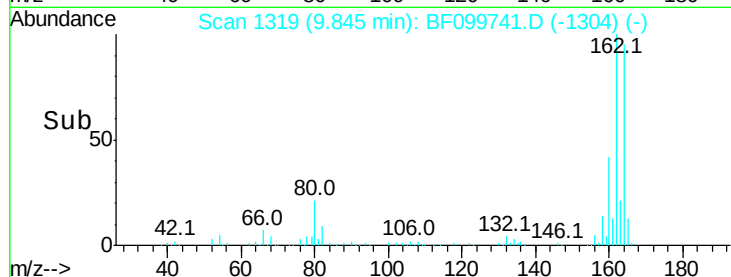
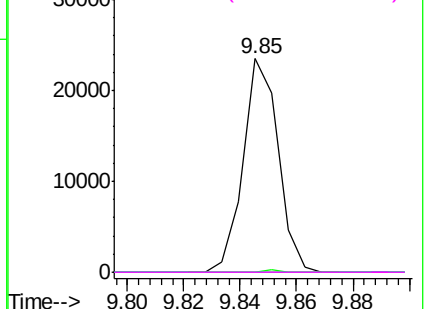


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

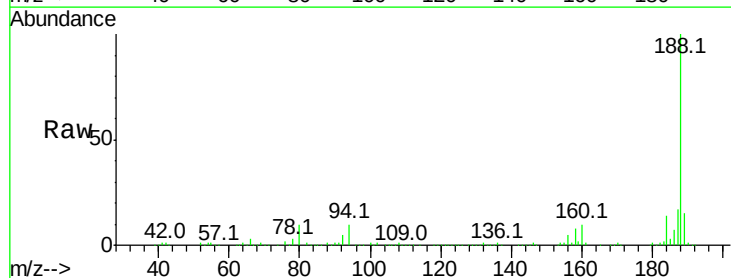
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

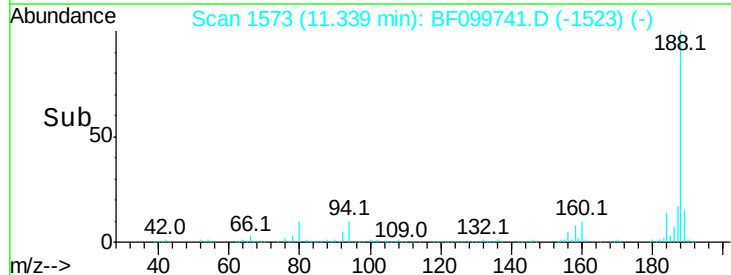
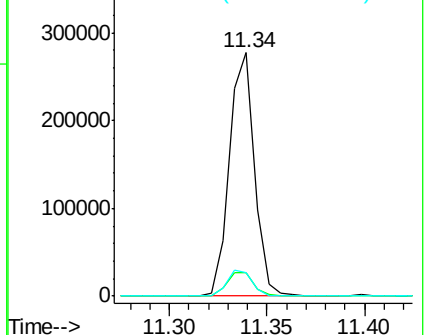
Tgt Ion:188	Resp:	247450
Ion Ratio	Lower	Upper
188	100	
94	9.7	8.5 12.7
80	9.9	9.2 13.8

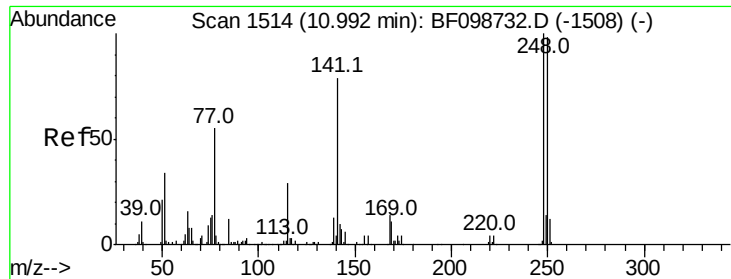


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

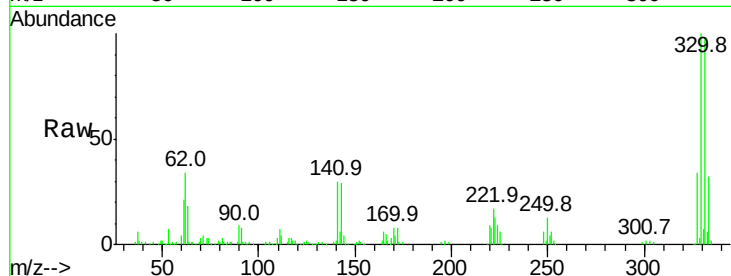




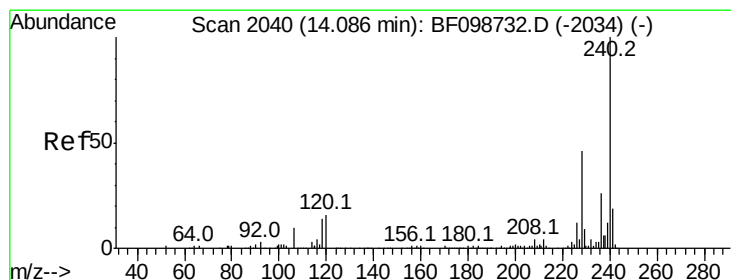
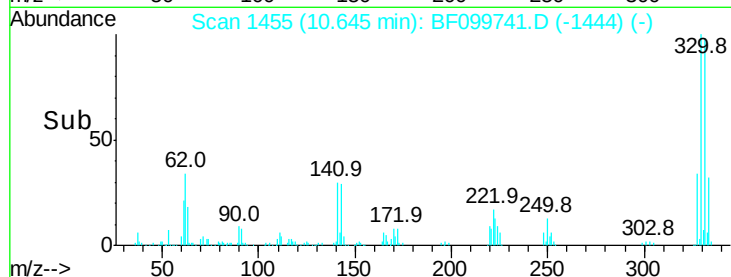
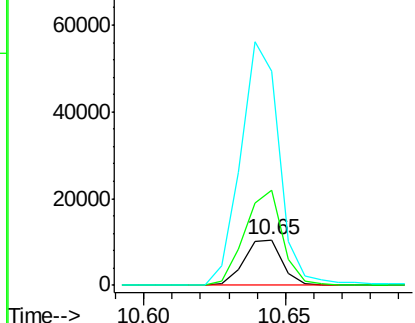
#66
4-Bromophenyl-phenylether
Concen: 4.047 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.24 min
Lab File: BF099741.D
Acq: 21 Oct 2017 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9802
Ion Ratio Lower Upper
248 100
250 208.1 76.9 115.3#
141 471.6 74.4 111.6#

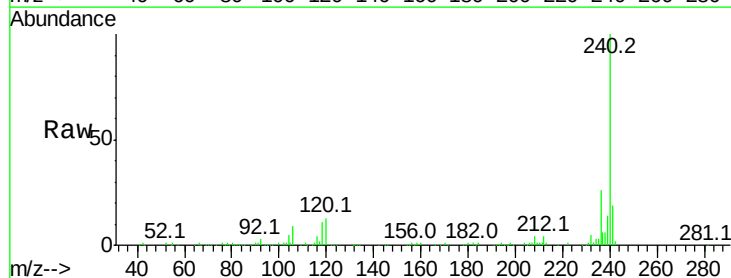


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

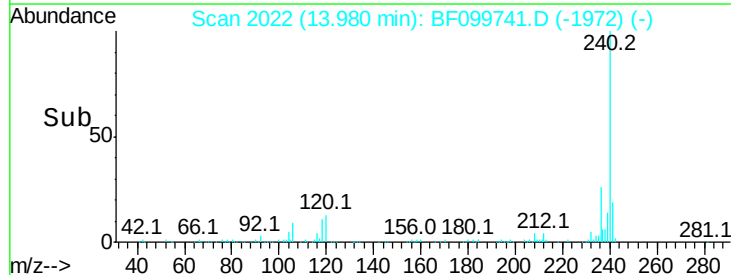
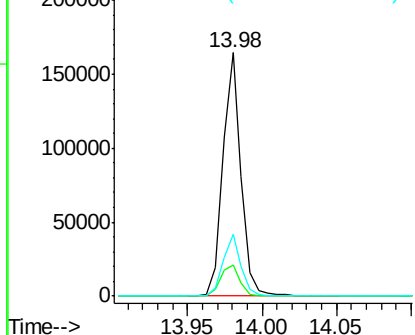


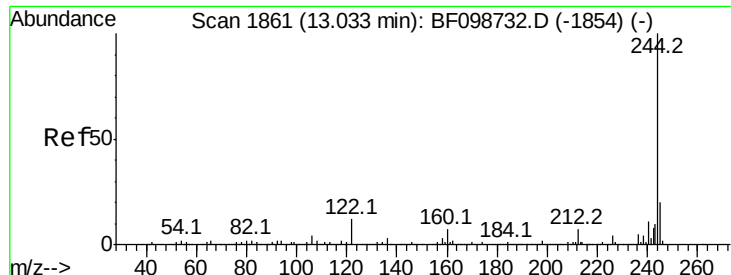
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099741.D
Acq: 21 Oct 2017 21:26

Tgt Ion:240 Resp: 140548
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.5 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

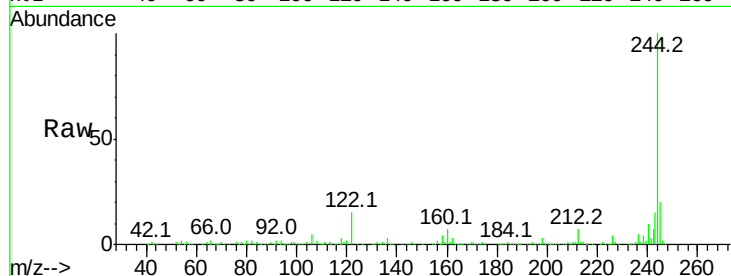




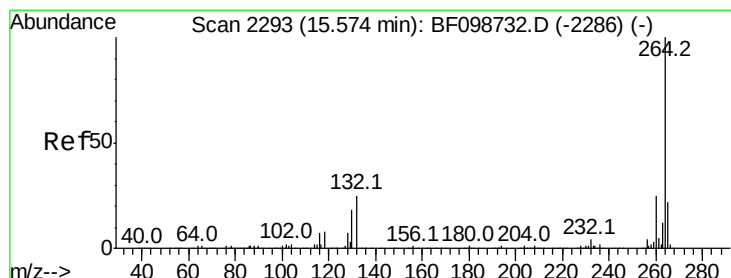
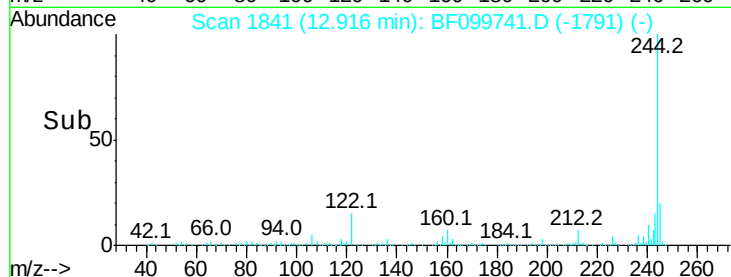
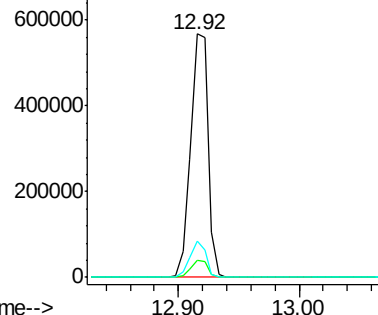
#78
 Terphenyl-d14
 Concen: 90.510 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 559361
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 15.0 11.0 16.4

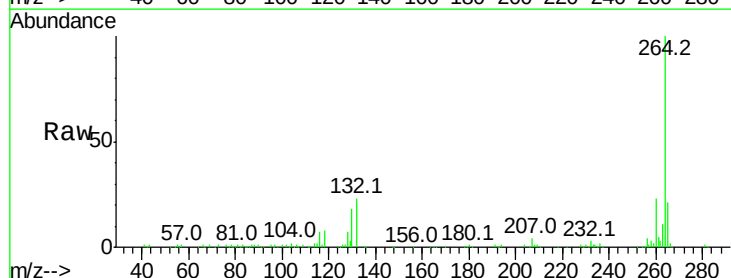


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: BF099741.D
 Acq: 21 Oct 2017 21:26

Tgt Ion:264 Resp: 148958
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.9 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

