

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099316.D
 Acq On : 10 Oct 2017 22:47
 Operator : SJ/JU
 Sample : I5691-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 00:53:52 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

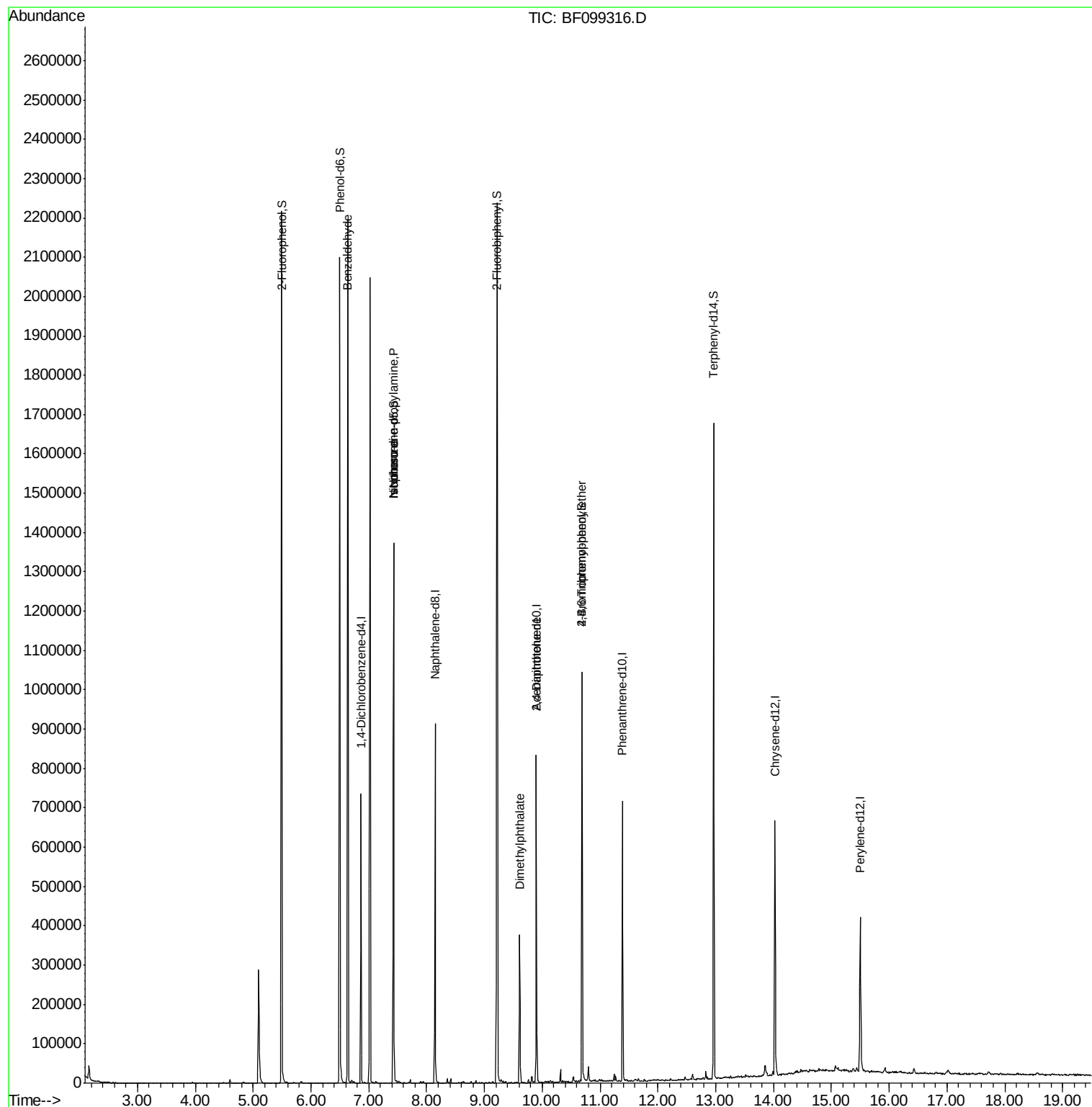
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	101285	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	400560	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	158377	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	233644	20.00	ng	0.00
75) Chrysene-d12	14.03	240	208080	20.00	ng	0.00
86) Perylene-d12	15.50	264	176886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	689273	108.33	ng	0.01
7) Phenol-d6	6.50	99	819102	104.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	475283	76.09	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	127667	98.51	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	780045	82.22	ng	0.00
78) Terphenyl-d14	12.97	244	496355	54.25	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.63	77	13203	2.90	ng	87
19) n-Nitroso-di-n-propylamine	7.43	70	60554	12.08	ng	# 74
25) Isophorone	7.43	82	475277	36.80	ng	# 64
49) Dimethylphthalate	9.61	163	146355	12.24	ng	99
56) 2,4-Dinitrotoluene	9.90	165	20663	6.12	ng	# 22
66) 4-Bromophenyl-phenylether	10.69	248	8486	3.71	ng	# 1

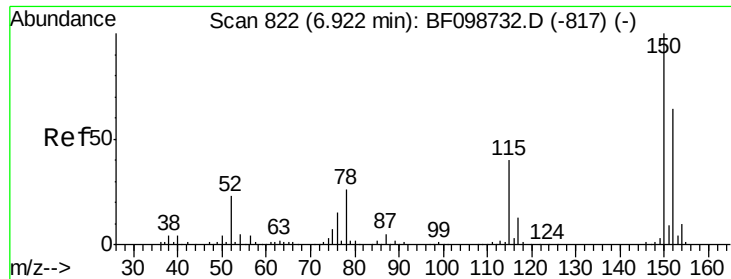
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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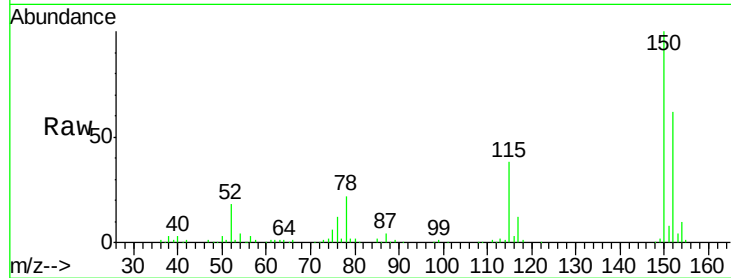


#1

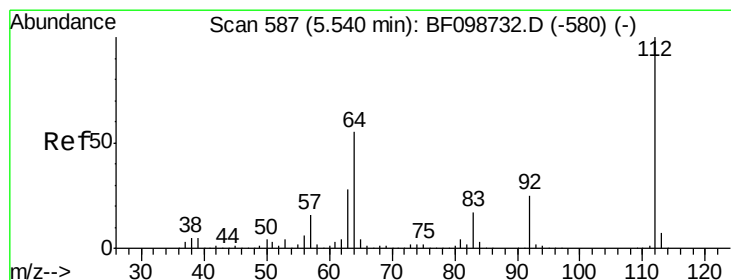
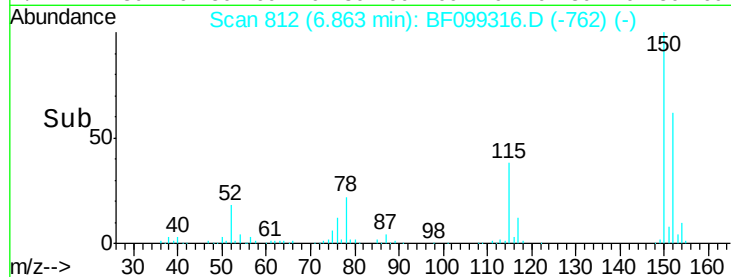
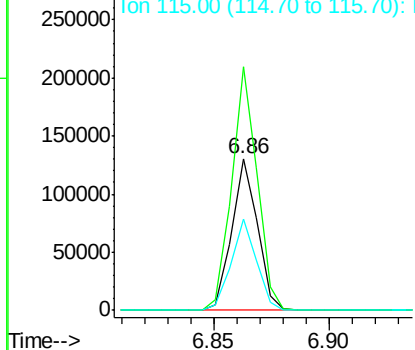
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099316.D
Acq: 10 Oct 2017 22:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 101285
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 60.2 50.1 75.1



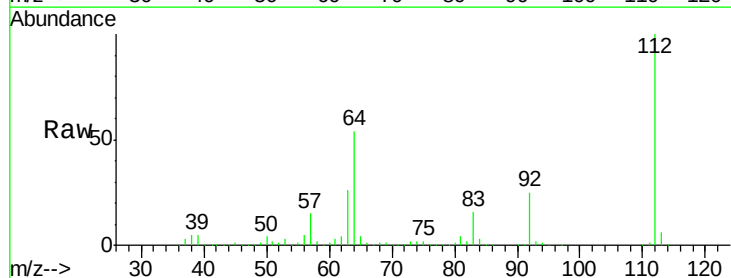
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



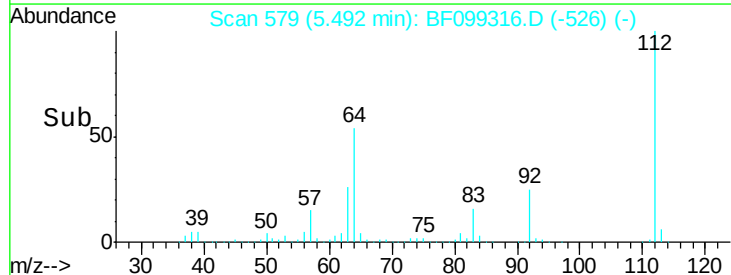
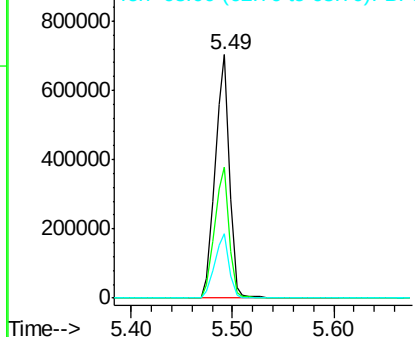
#5

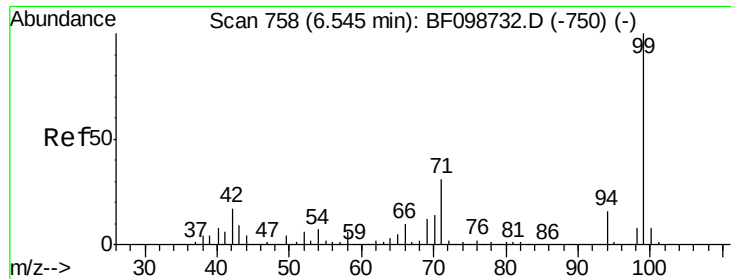
2-Fluorophenol
Concen: 108.33 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF099316.D
Acq: 10 Oct 2017 22:47

Tgt Ion:112 Resp: 689273
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 26.5 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: 104.36 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099316.D

Acq: 10 Oct 2017 22:47

Instrument :

BNA_F

ClientSampled :

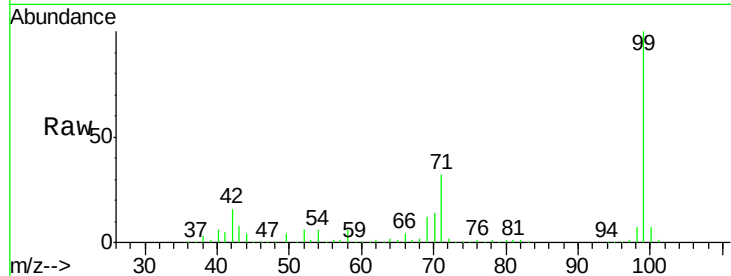
Tot Ion: 99 Resp: 819102

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

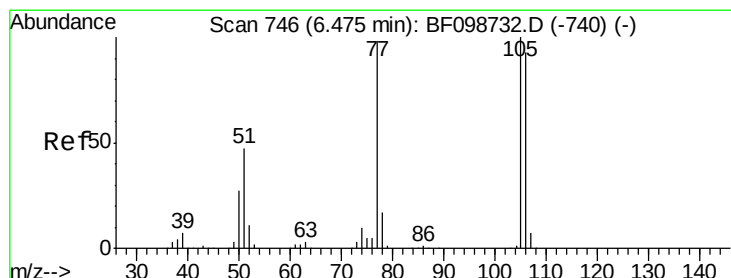
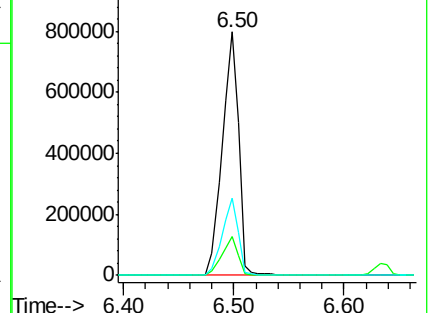
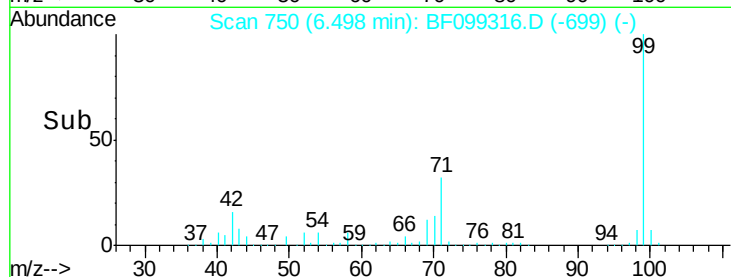
71 31.9 25.4 38.0



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: 2.90 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.21 min

Lab File: BF099316.D

Acq: 10 Oct 2017 22:47

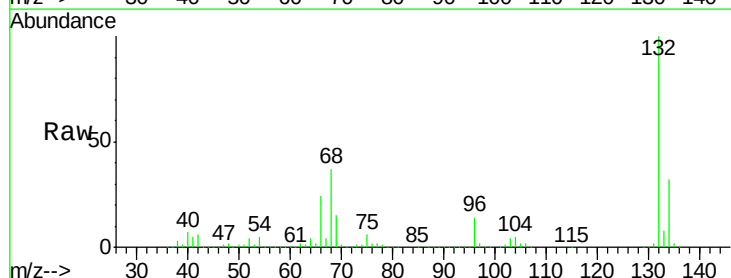
Tgt Ion: 77 Resp: 13203

Ion Ratio Lower Upper

77 100

105 85.0 81.1 121.1

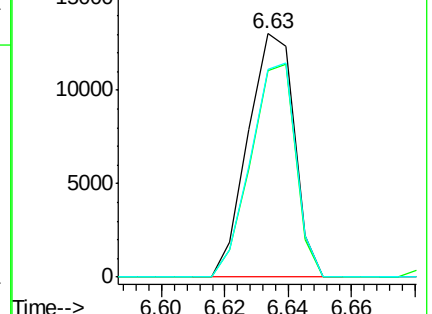
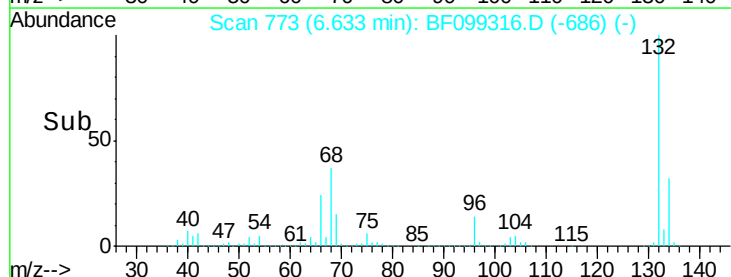
106 85.1 74.5 114.5

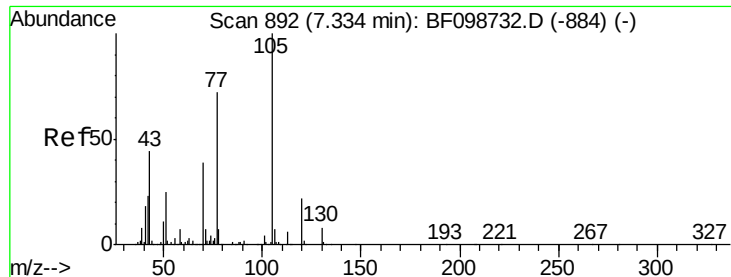


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

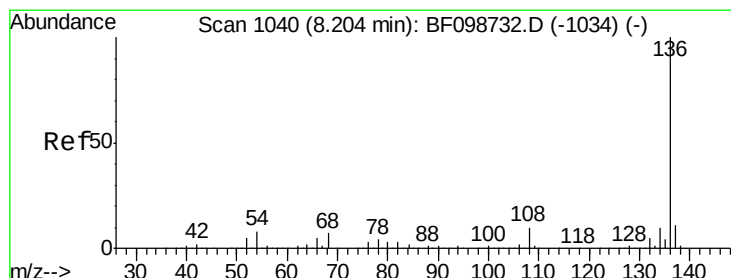
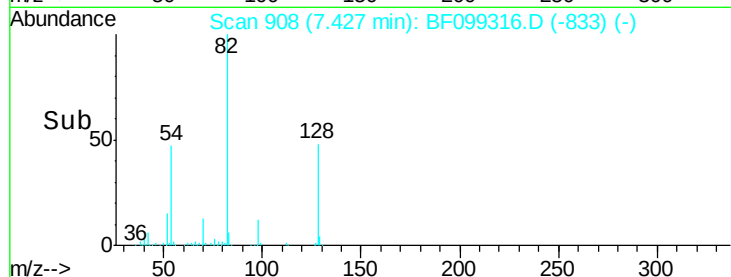
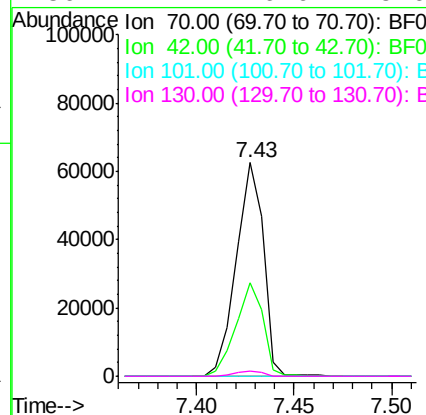
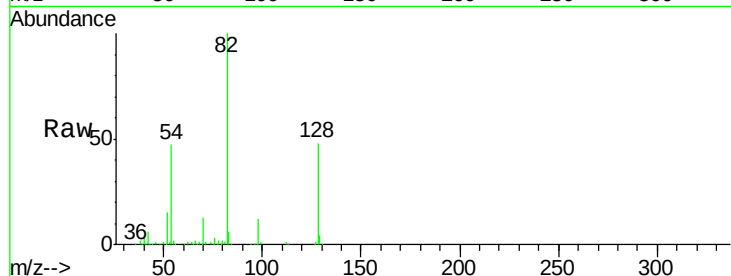




#19
n-Nitroso-di-n-propylamine
Concen: 12.08 ng
RT: 7.43 min Scan# 908
Delta R.T. 0.14 min
Lab File: BF099316.D
Acq: 10 Oct 2017 22:47

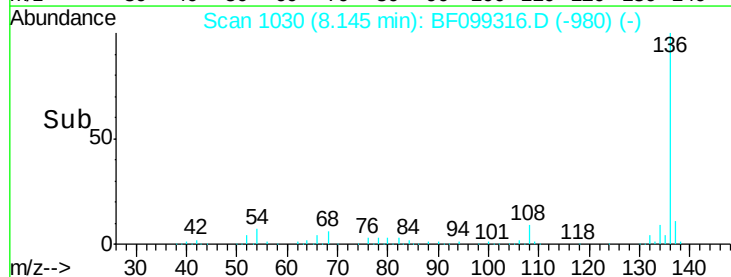
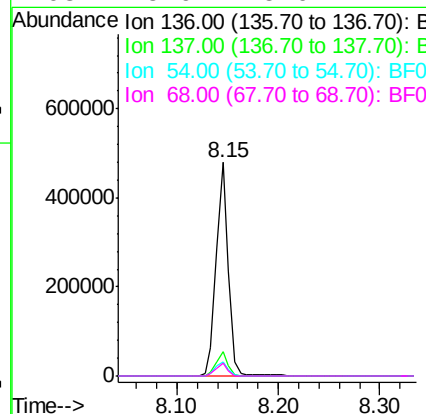
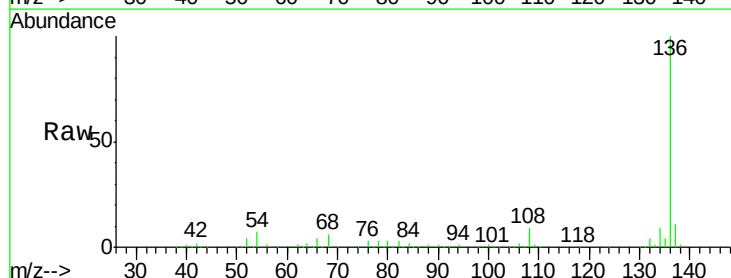
Instrument :
BNA_F
ClientSampleID :

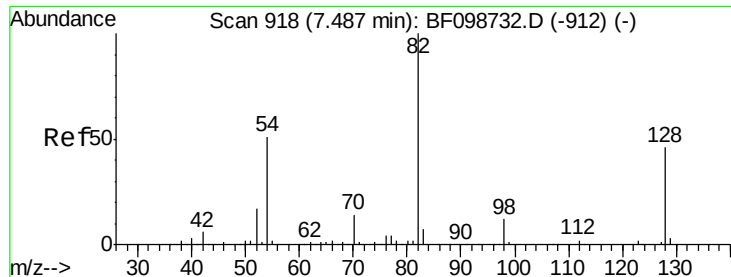
Tot Ion: 70 Resp: 60554
Ion Ratio Lower Upper
70 100
42 43.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099316.D
Acq: 10 Oct 2017 22:47

Tgt Ion: 136 Resp: 400560
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 6.9 6.6 9.8
68 5.9 5.0 7.4

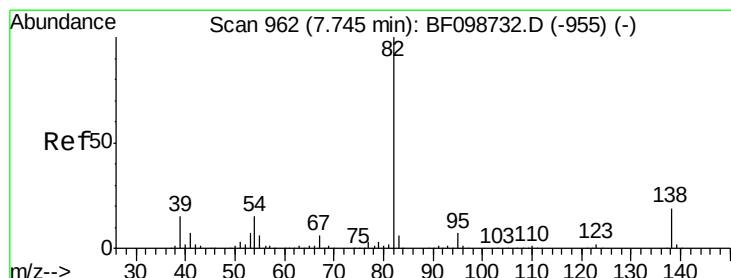
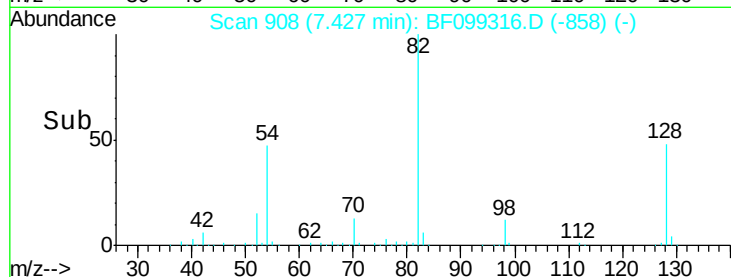
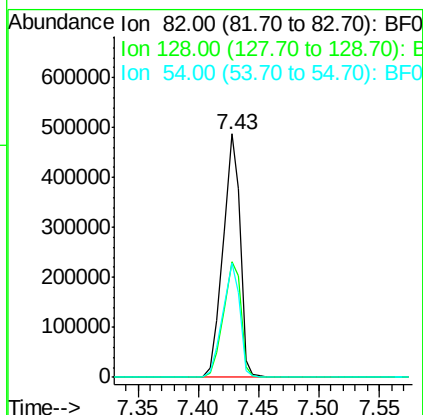
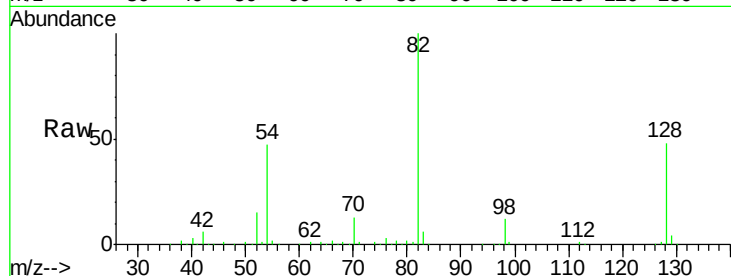




#23
 Nitrobenzene-d5
 Concen: 76.09 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

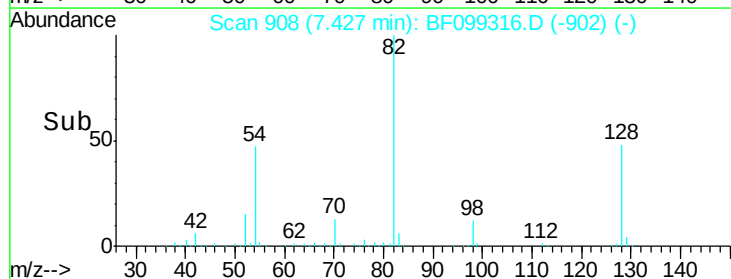
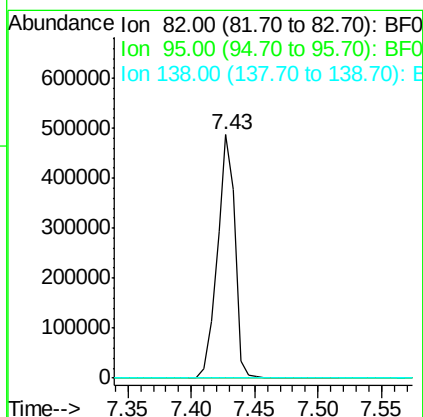
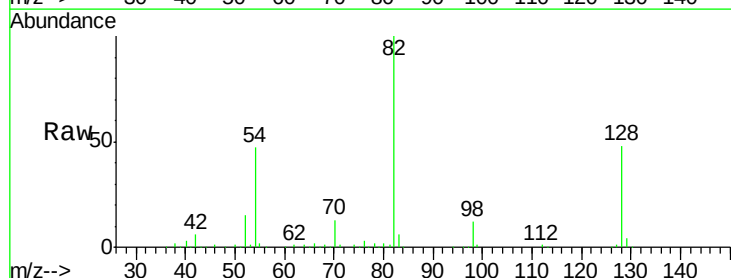
Instrument :
 BNA_F
 ClientSampleId :

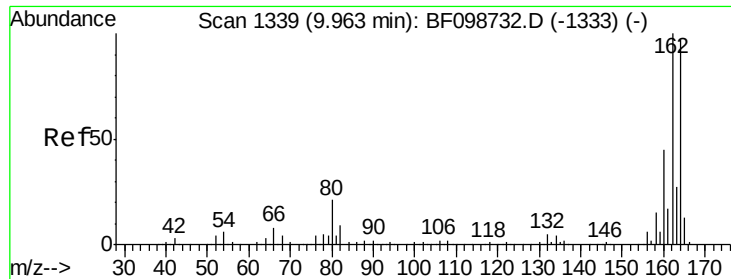
Tot Ion: 82 Resp: 475283
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 46.7 41.4 62.2



#25
 Isophorone
 Concen: 36.80 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.26 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

Tgt Ion: 82 Resp: 475277
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099316.D

Acq: 10 Oct 2017 22:47

Instrument :

BNA_F

ClientSampled :

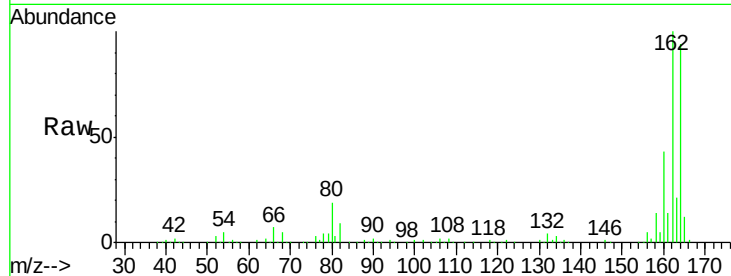
Tot Ion:164 Resp: 158377

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

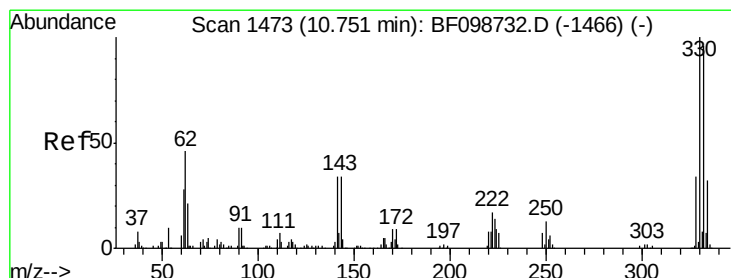
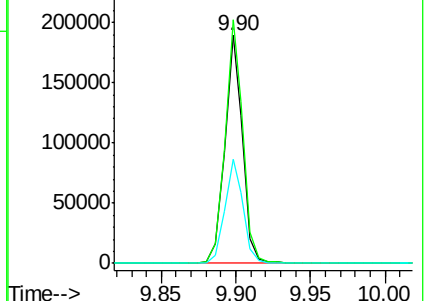
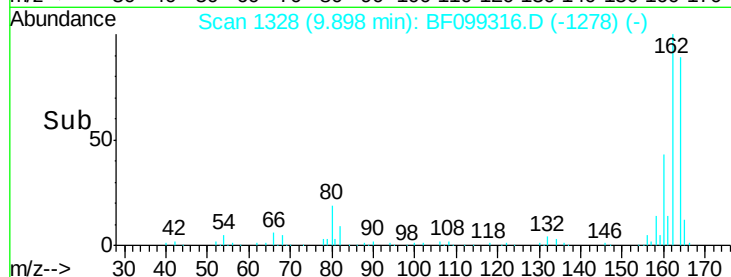
160 45.4 38.3 57.5



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: 98.51 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF099316.D

Acq: 10 Oct 2017 22:47

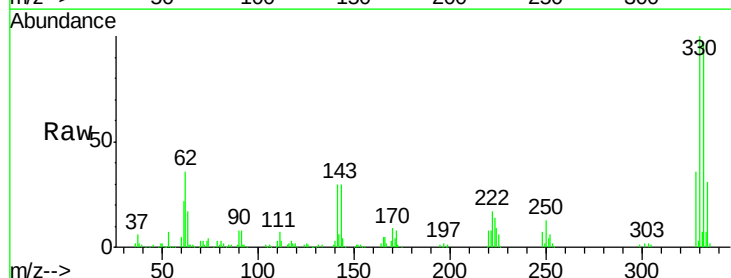
Tgt Ion:330 Resp: 127667

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

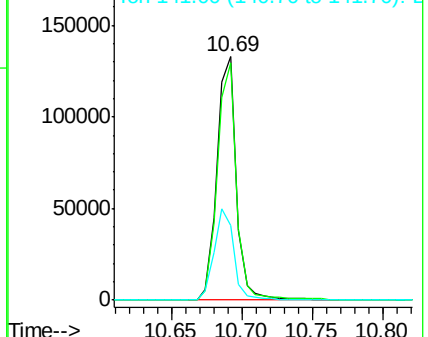
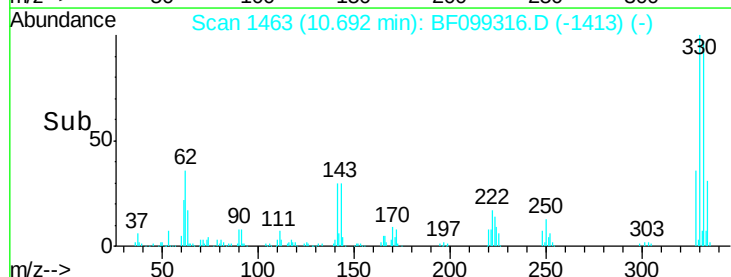
141 38.1 29.9 44.9

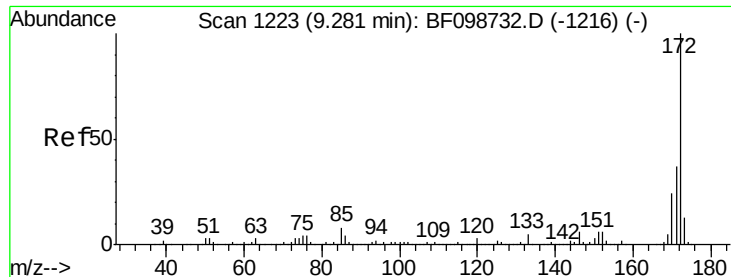


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

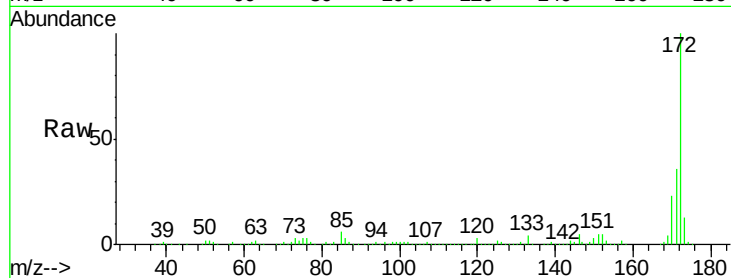




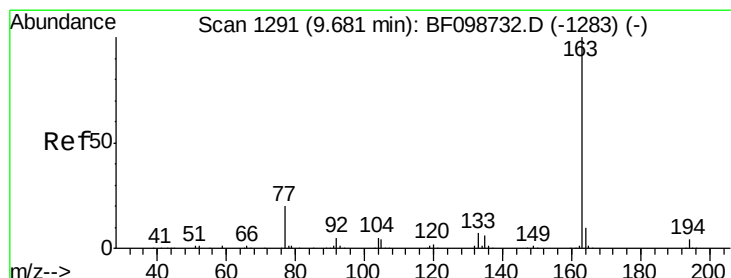
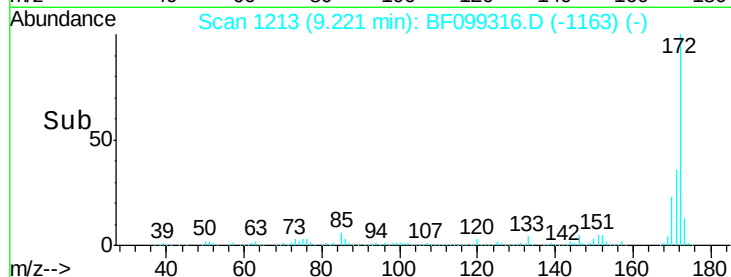
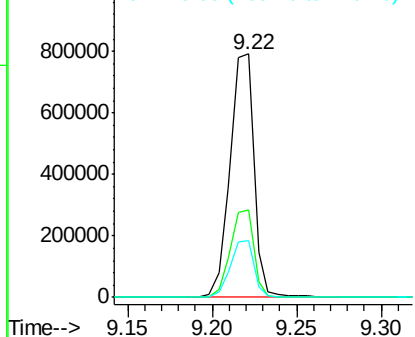
#44
2-Fluorobiphenyl
Concen: 82.22 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF099316.D
Acq: 10 Oct 2017 22:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 780045
Ion Ratio Lower Upper
172 100
171 35.7 29.7 44.5
170 23.2 19.6 29.4

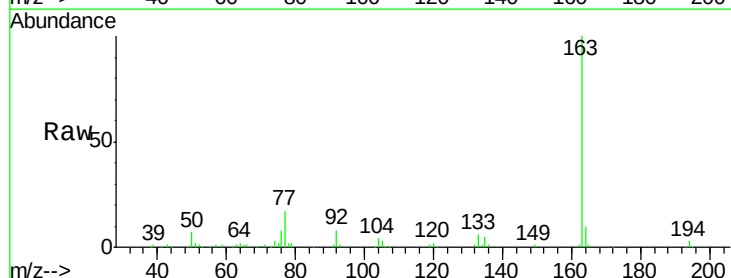


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

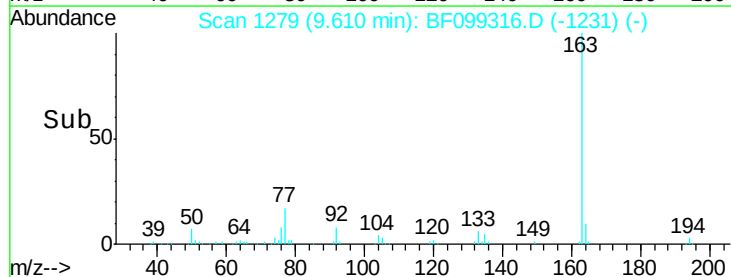
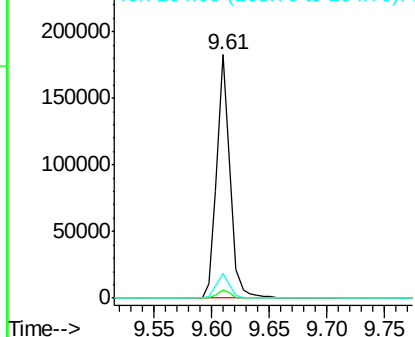


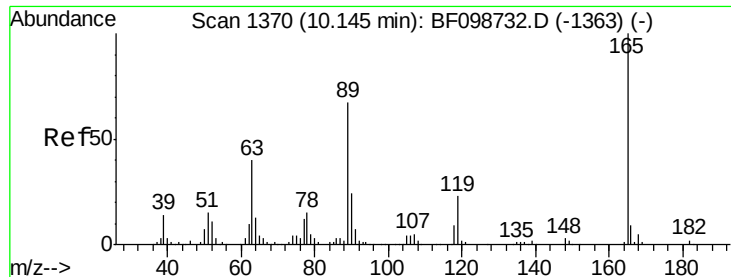
#49
Dimethylphthalate
Concen: 12.24 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099316.D
Acq: 10 Oct 2017 22:47

Tgt Ion:163 Resp: 146355
Ion Ratio Lower Upper
163 100
194 3.2 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

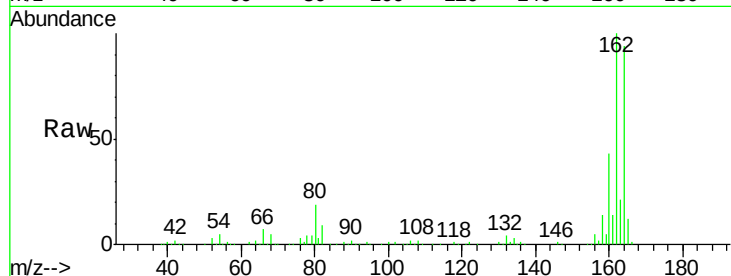




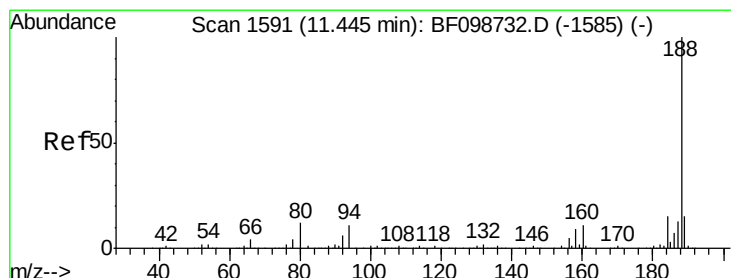
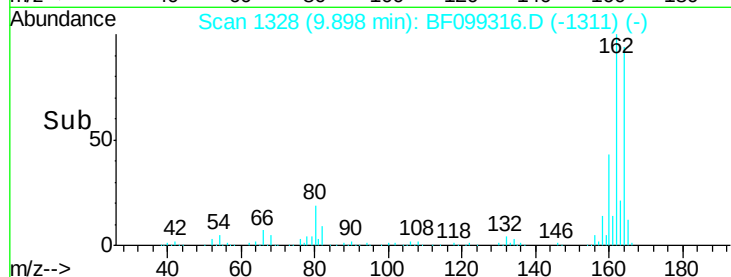
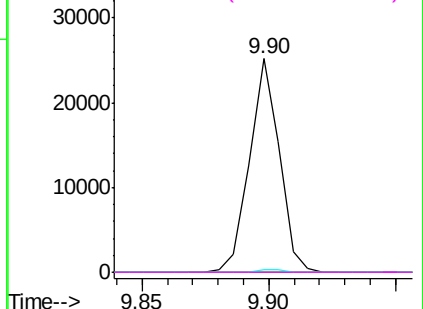
#56
 2,4-Dinitrotoluene
 Concen: 6.12 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	20663
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#

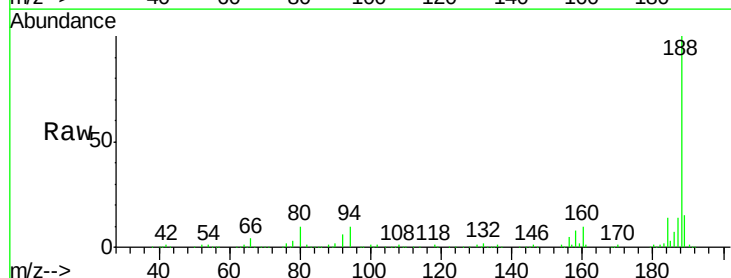


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

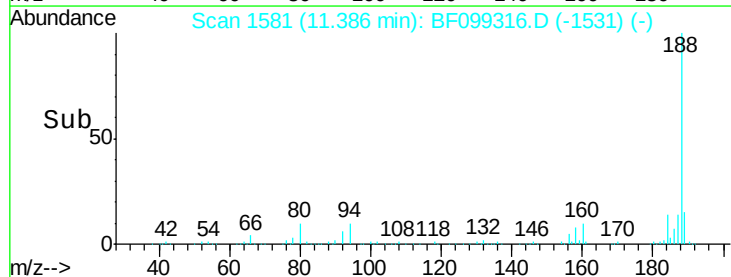
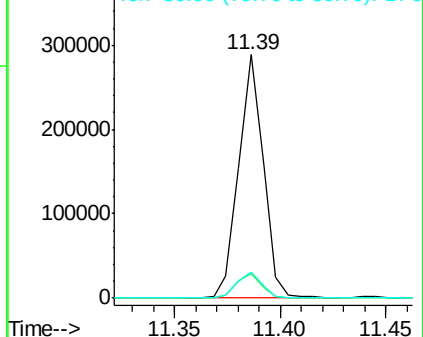


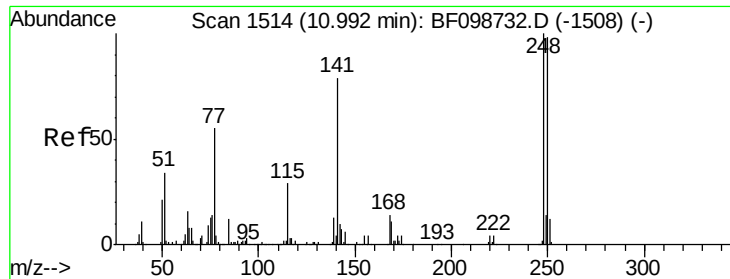
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

Tgt Ion:188	Resp:	233644
Ion Ratio	Lower	Upper
188	100	
94	10.4	8.5 12.7
80	10.5	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

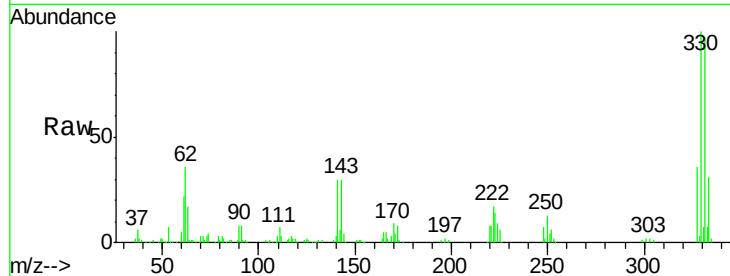




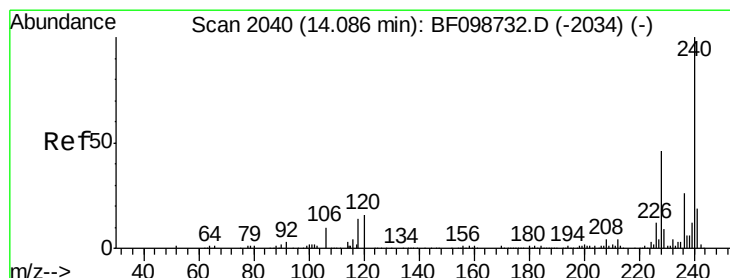
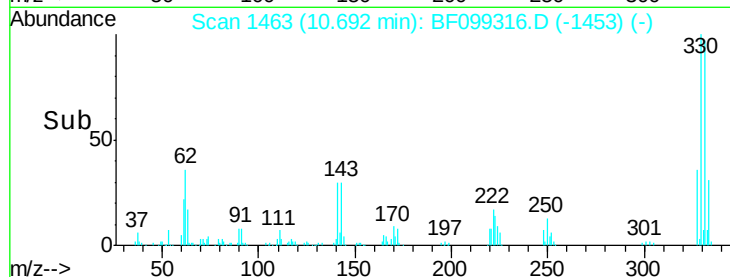
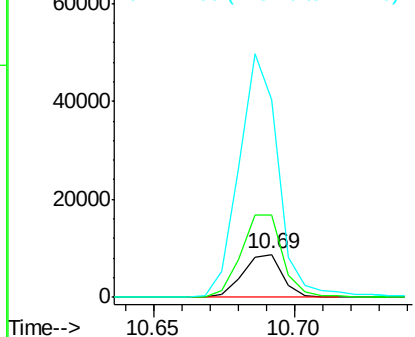
#66
4-Bromophenyl-phenylether
Concen: 3.71 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF099316.D
Acq: 10 Oct 2017 22:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8486
Ion Ratio Lower Upper
248 100
250 192.7 76.9 115.3#
141 460.4 74.4 111.6#

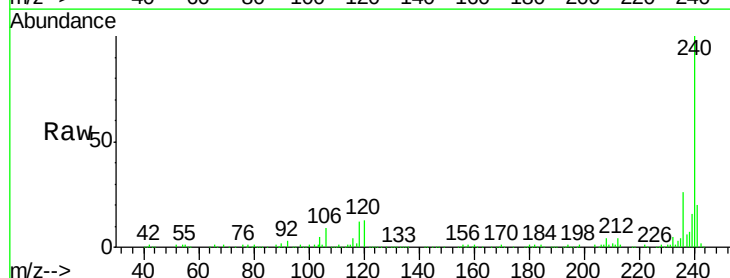


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

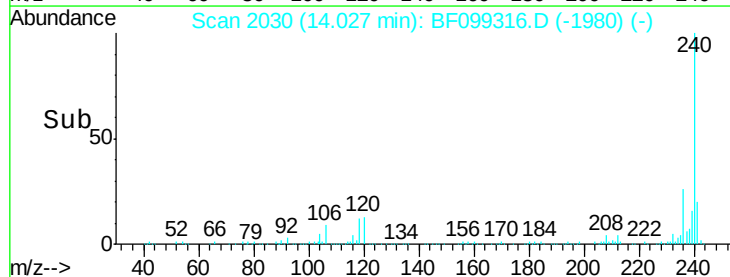
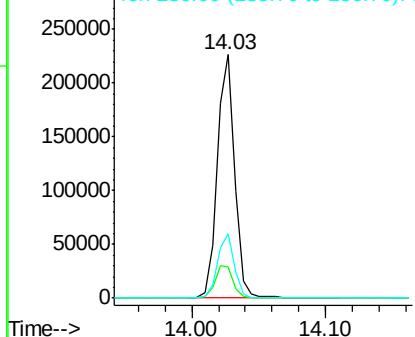


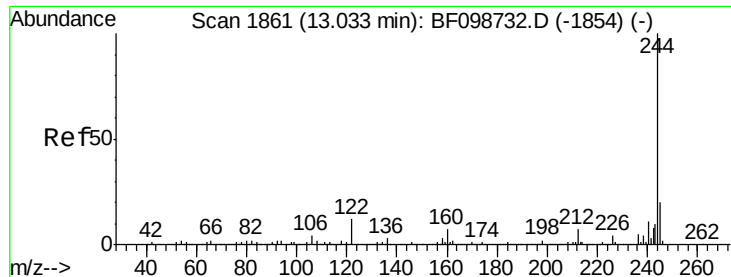
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099316.D
Acq: 10 Oct 2017 22:47

Tgt Ion:240 Resp: 208080
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 26.4 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

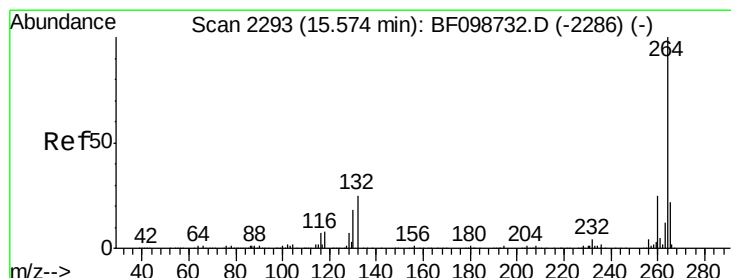
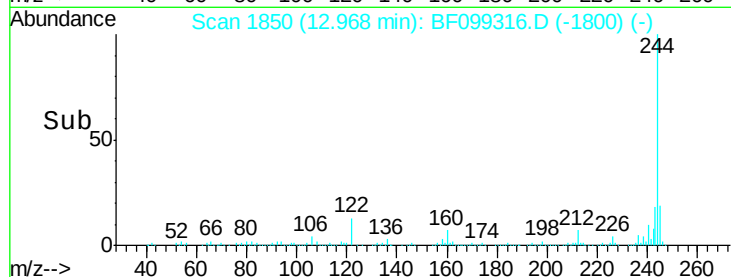
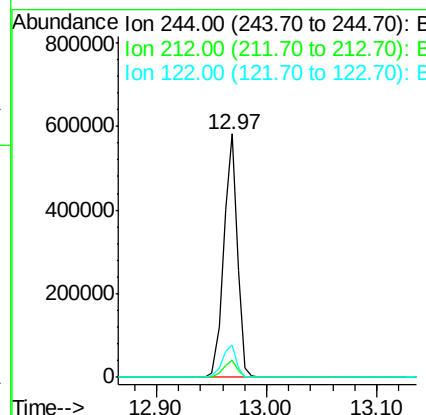
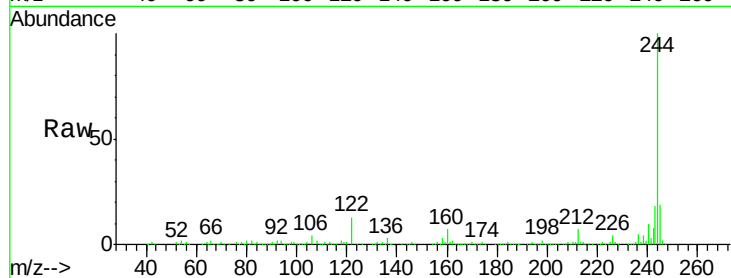




#78
 Terphenyl-d14
 Concen: 54.25 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099316.D
 Acq: 10 Oct 2017 22:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.3	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: BF099316.D
 Acq: 10 Oct 2017 22:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	21.0	17.5	26.3

