

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101817\
 Data File : BF099616.D
 Acq On : 18 Oct 2017 14:38
 Operator : SJ/JU
 Sample : I5810-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 18 15:22:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 18 15:18:49 2017
 Response via : Initial Calibration

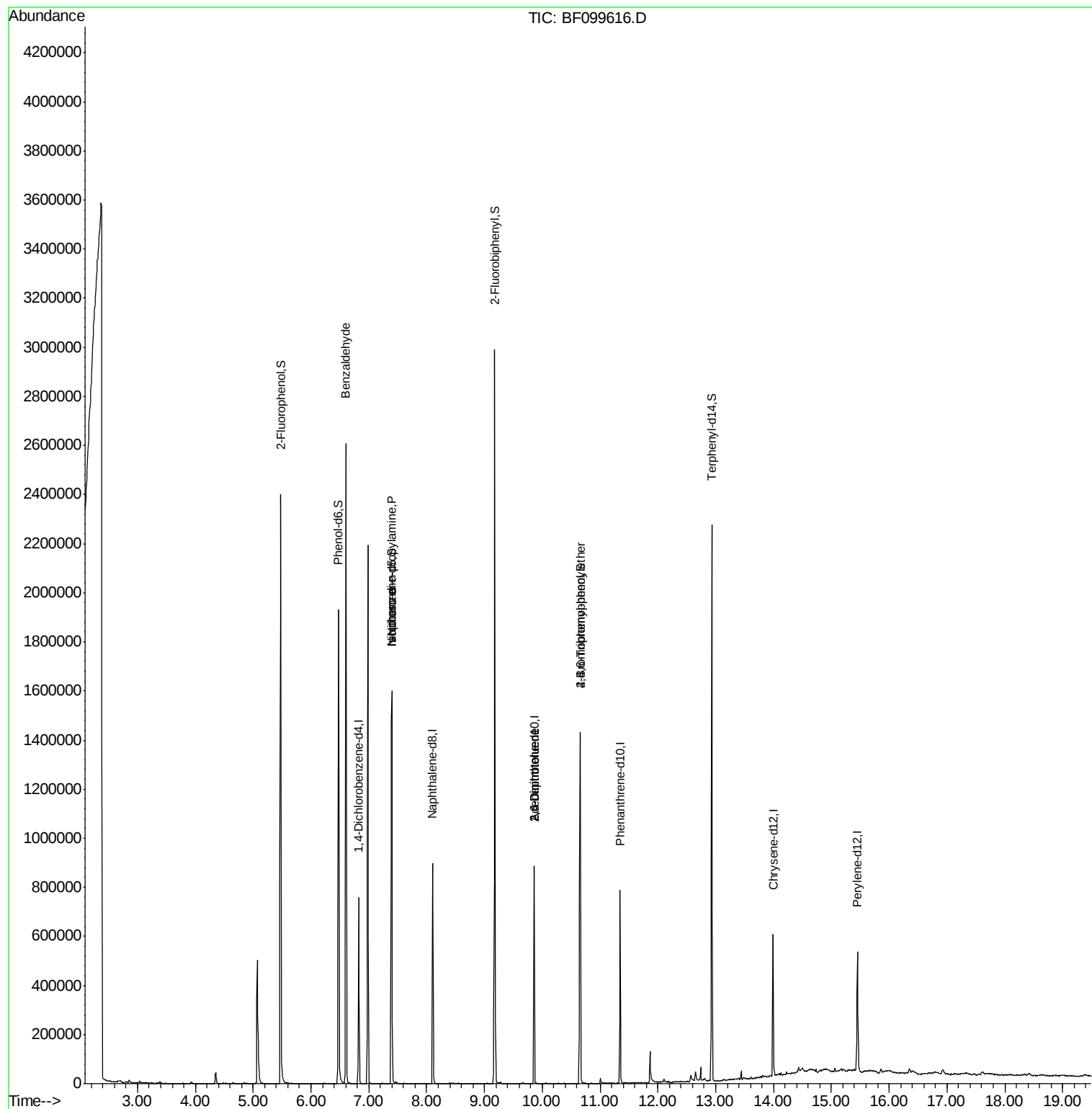
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	109187	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	436988	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	185817	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	295511	20.00	ng	0.00
75) Chrysene-d12	13.99	240	197707	20.00	ng	0.00
86) Perylene-d12	15.45	264	219093	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	789299	115.08	ng	0.02
7) Phenol-d6	6.47	99	886209	104.74	ng	0.00
23) Nitrobenzene-d5	7.40	82	600108	88.07	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	196401	129.17	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1102430	99.04	ng	0.00
78) Terphenyl-d14	12.93	244	735854	84.64	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	15271	3.111	ng	86
19) n-Nitroso-di-n-propylamine	7.40	70	75669	14.007	ng	# 73
25) Isophorone	7.40	82	600188	42.602	ng	# 64
50) 2,6-Dinitrotoluene	9.86	165	24476	8.016	ng	# 24
56) 2,4-Dinitrotoluene	9.86	165	24476	6.177	ng	# 21
66) 4-Bromophenyl-phenylether	10.66	248	13326	4.607	ng	# 1

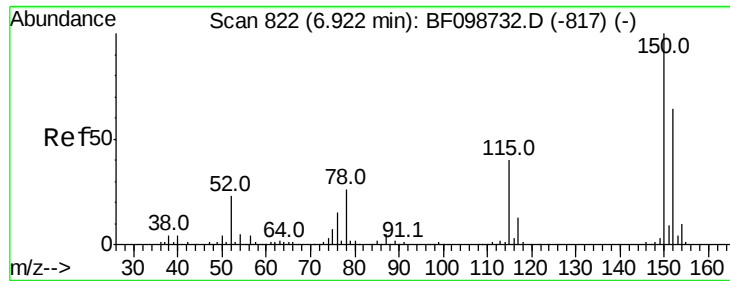
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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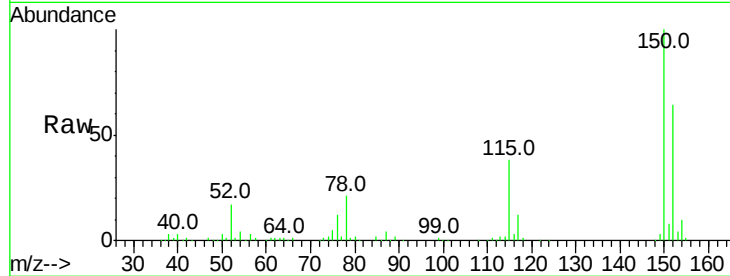


#1

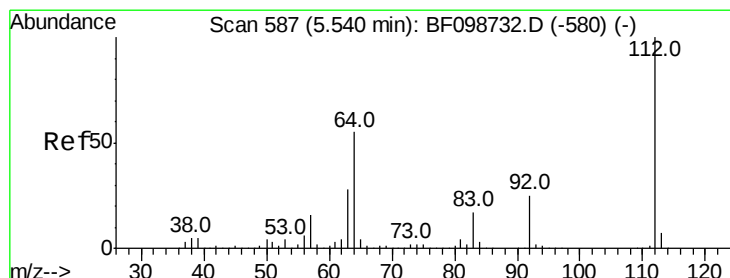
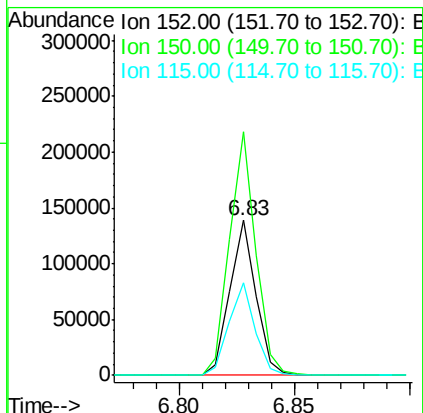
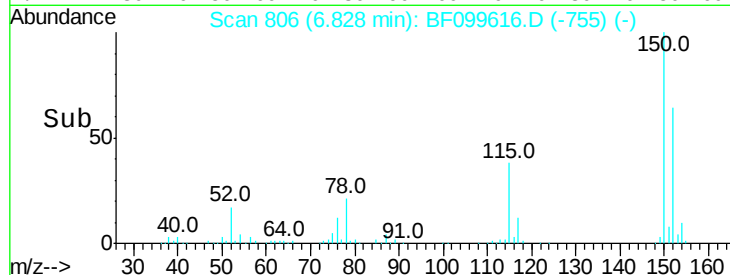
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 109187
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.6 186.8
 115 59.5 50.1 75.1



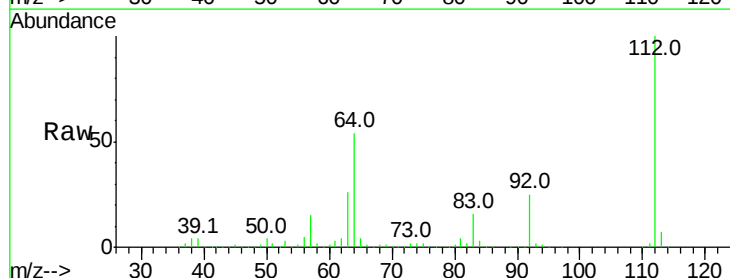
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



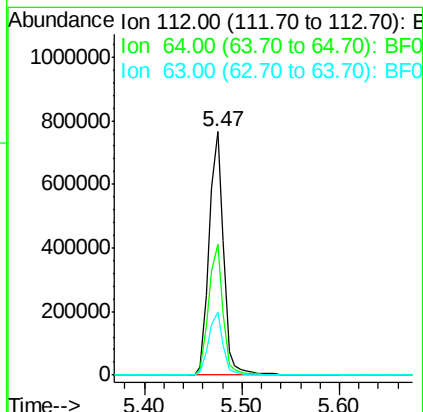
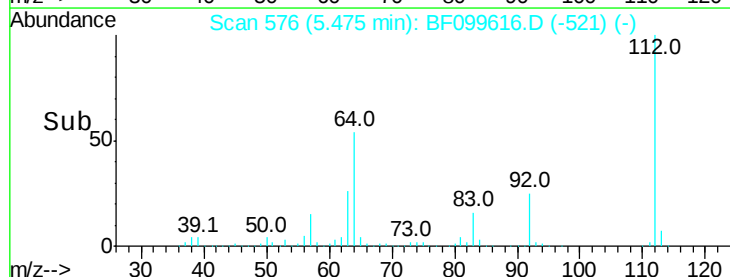
#5

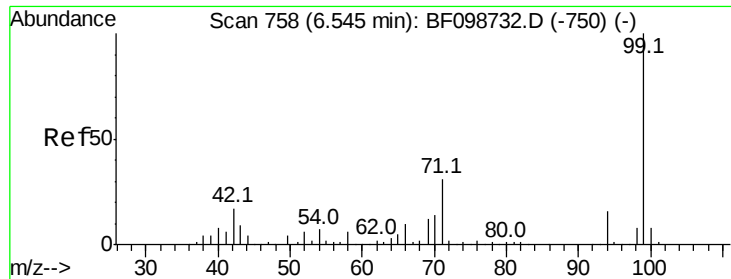
2-Fluorophenol
 Concen: 115.076 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.02 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Tgt Ion:112 Resp: 789299
 Ion Ratio Lower Upper
 112 100
 64 53.6 47.9 71.9
 63 25.9 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: 104.738 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF099616.D

Acq: 18 Oct 2017 14:38

Instrument :

BNA_F

ClientSampled :

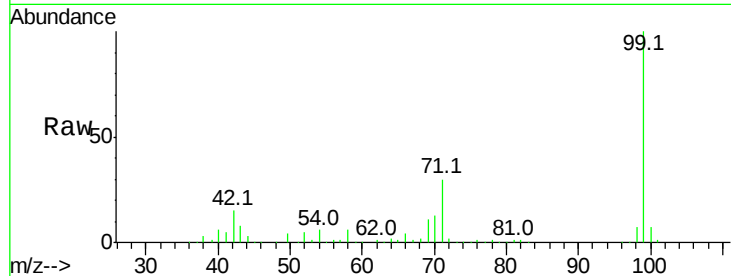
Tot Ion: 99 Resp: 886209

Ion Ratio Lower Upper

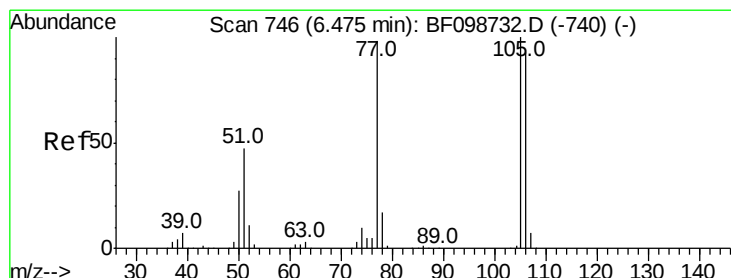
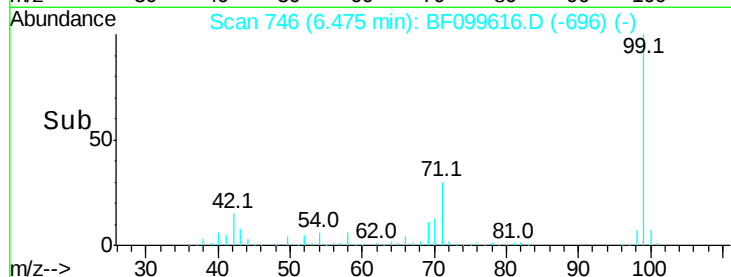
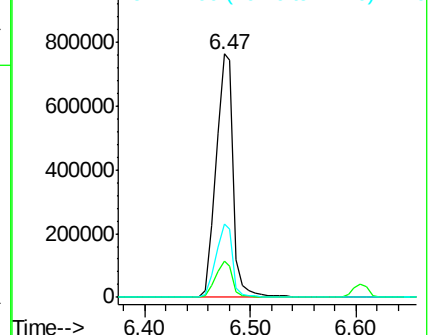
99 100

42 14.9 14.5 21.7

71 30.0 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: 3.111 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.22 min

Lab File: BF099616.D

Acq: 18 Oct 2017 14:38

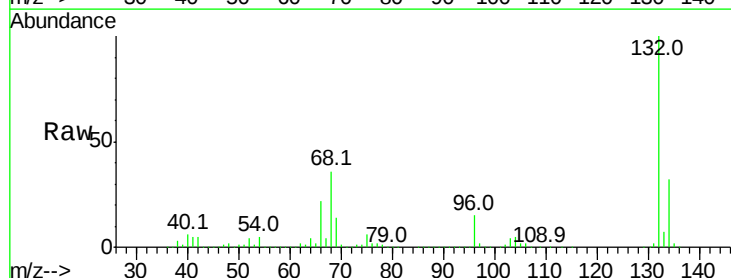
Tgt Ion: 77 Resp: 15271

Ion Ratio Lower Upper

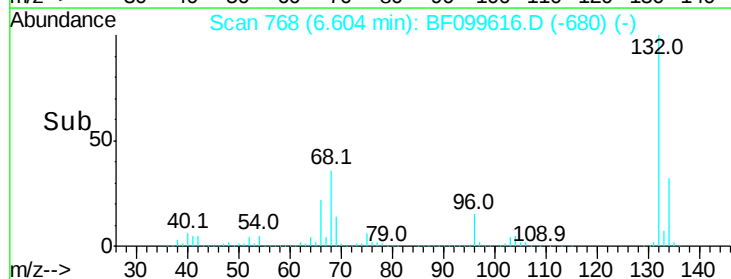
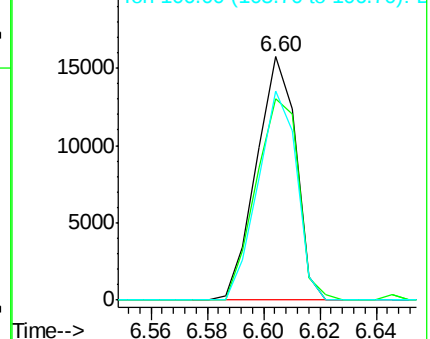
77 100

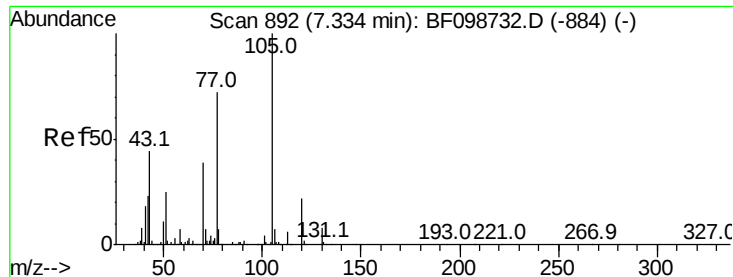
105 83.0 81.1 121.1

106 85.8 74.5 114.5



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

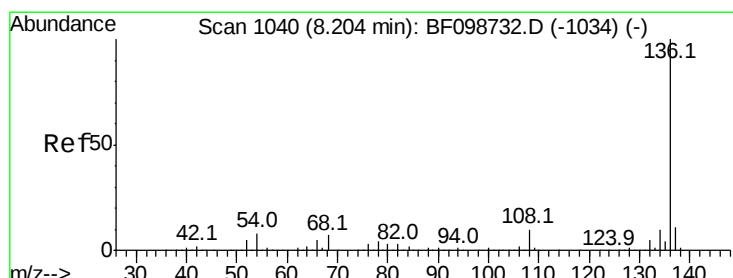
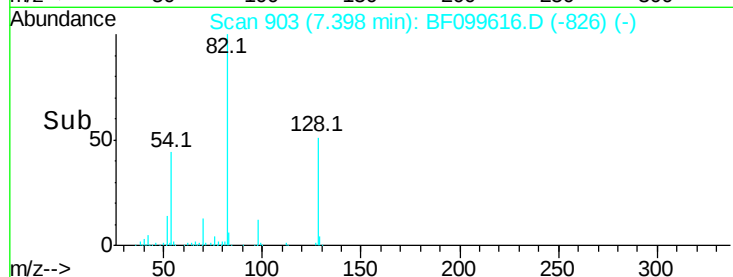
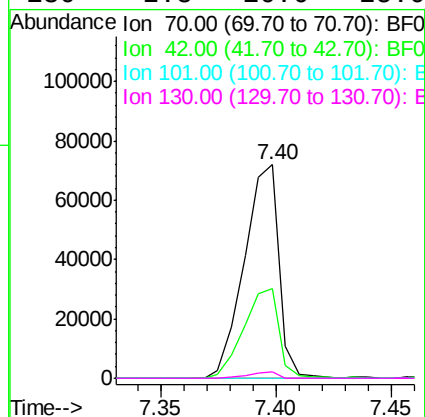
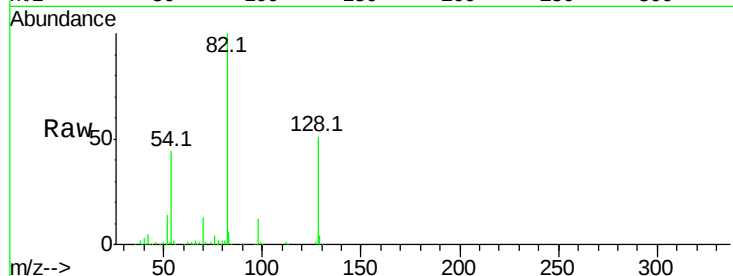




#19
n-Nitroso-di-n-propylamine
Concen: 14.007 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.15 min
Lab File: BF099616.D
Acq: 18 Oct 2017 14:38

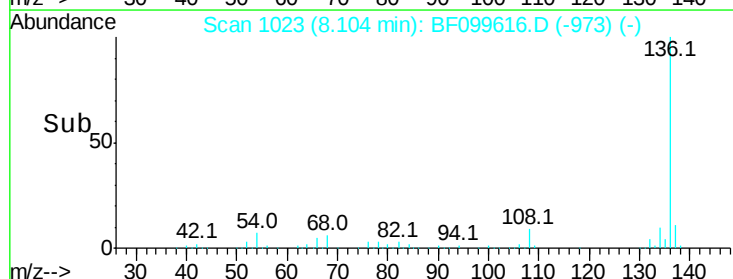
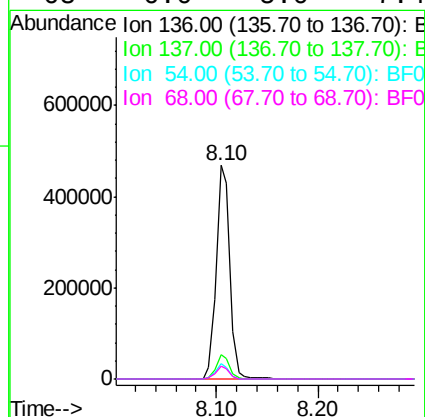
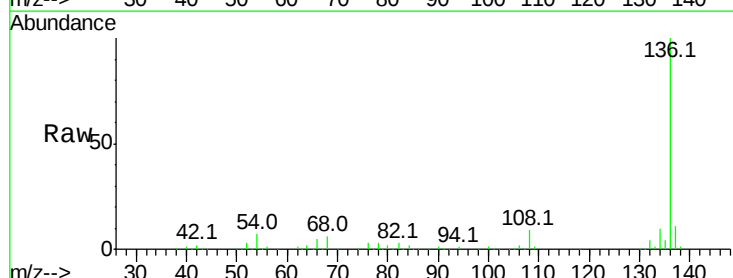
Instrument :
BNA_F
ClientSampled :

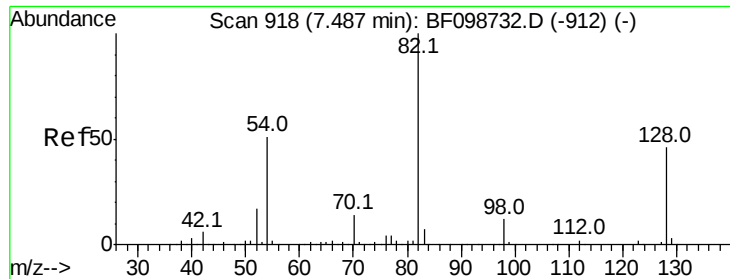
Tot Ion: 70 Resp: 75669
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF099616.D
Acq: 18 Oct 2017 14:38

Tgt Ion:136 Resp: 436988
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.2 6.6 9.8
68 6.0 5.0 7.4

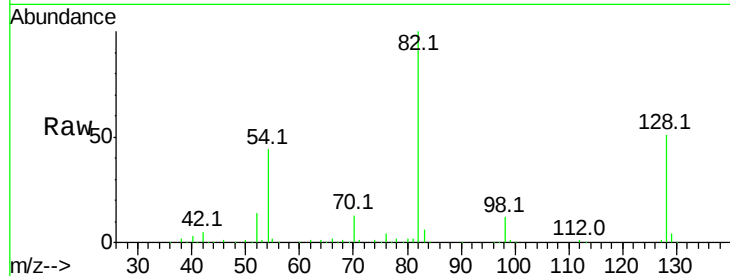




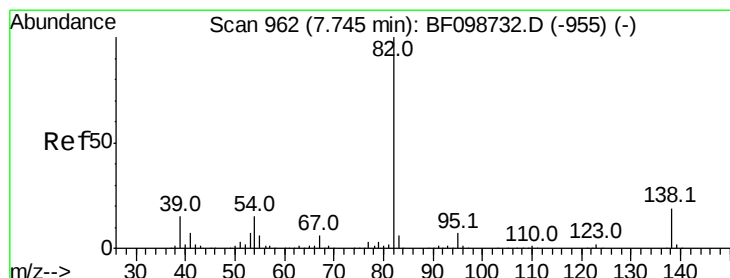
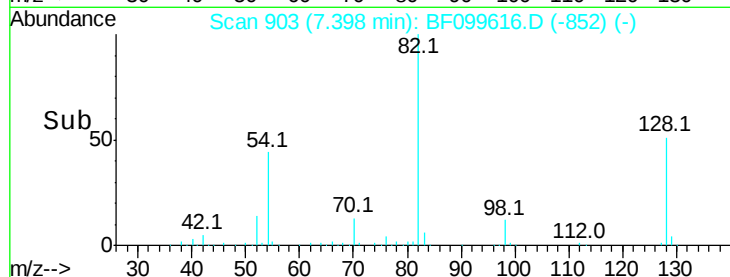
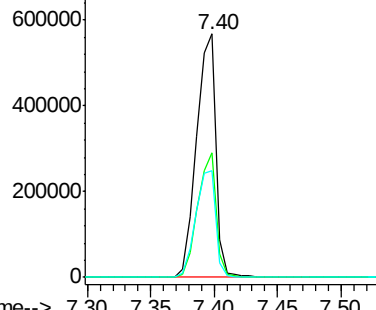
#23
 Nitrobenzene-d5
 Concen: 88.069 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 600108
 Ion Ratio Lower Upper
 82 100
 128 51.3 36.1 54.1
 54 43.9 41.4 62.2

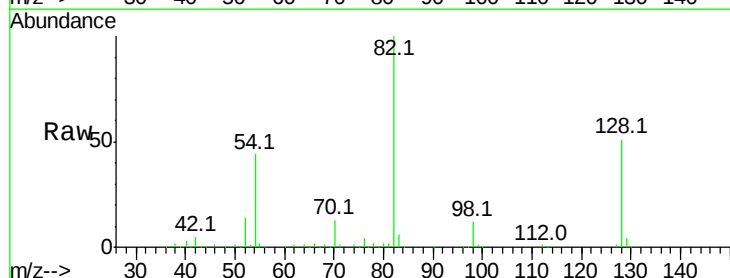


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

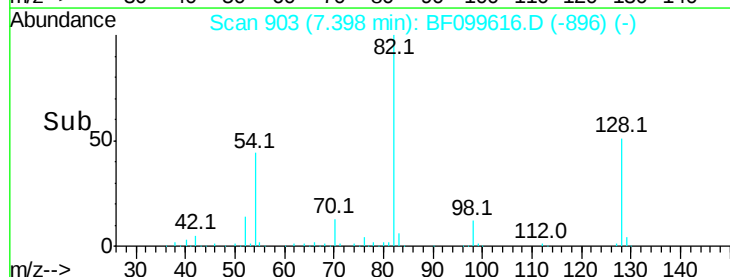
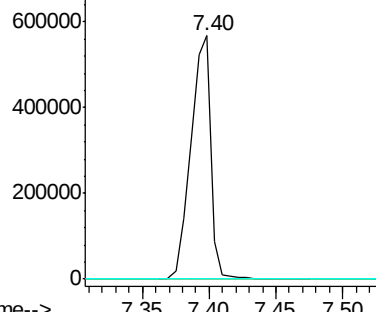


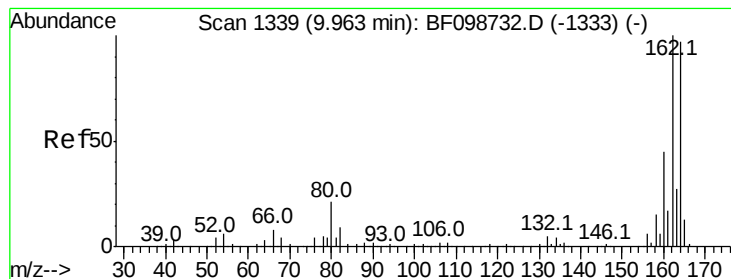
#25
 Isophorone
 Concen: 42.602 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.26 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Tgt Ion: 82 Resp: 600188
 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: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF099616.D

Acq: 18 Oct 2017 14:38

Instrument :

BNA_F

ClientSampleId :

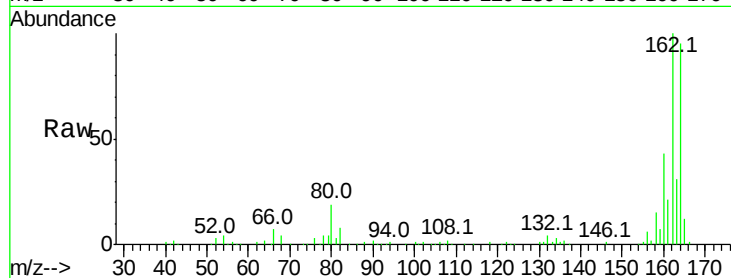
Tot Ion:164 Resp: 185817

Ion Ratio Lower Upper

164 100

162 105.7 86.1 129.1

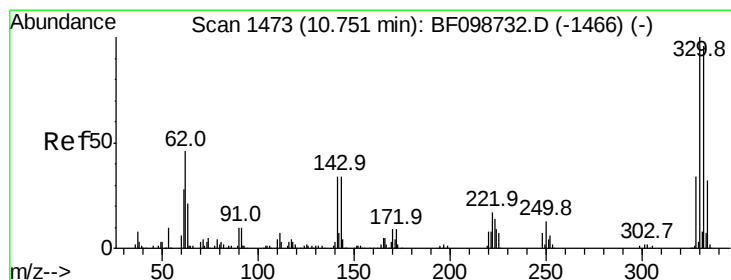
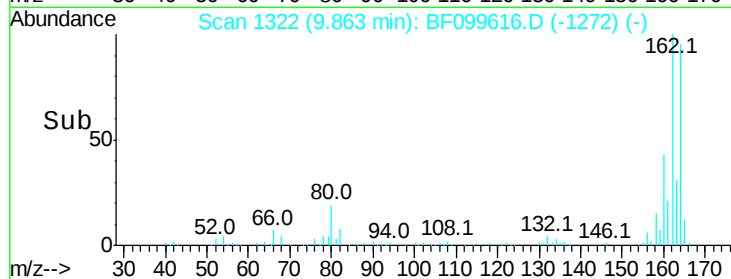
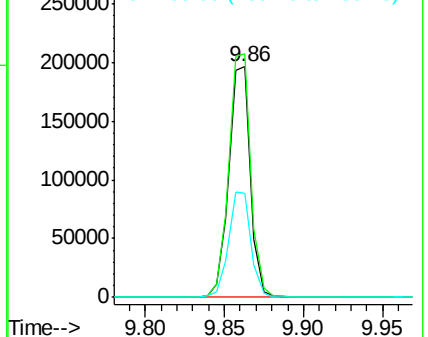
160 45.4 38.3 57.5



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: 129.170 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF099616.D

Acq: 18 Oct 2017 14:38

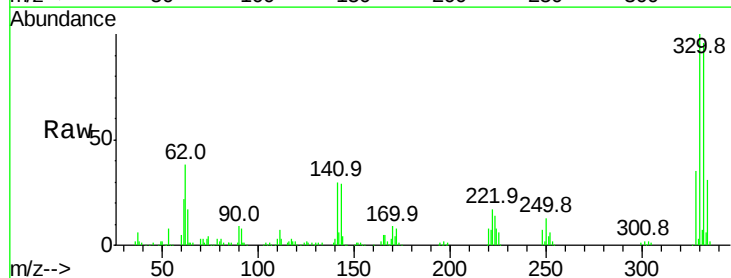
Tgt Ion:330 Resp: 196401

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

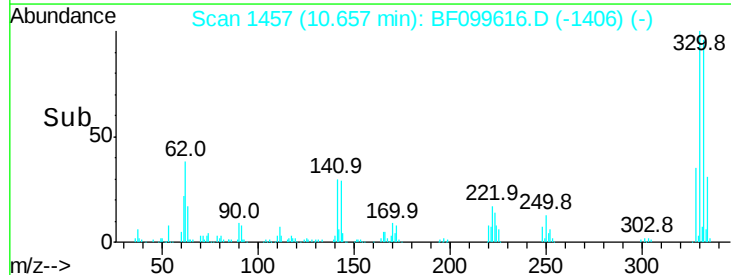
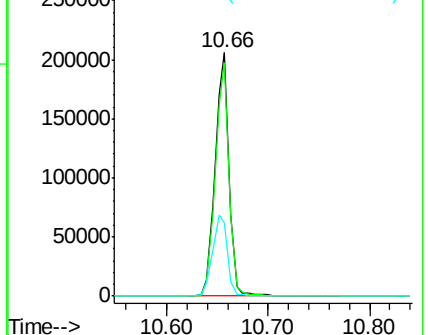
141 35.5 29.9 44.9

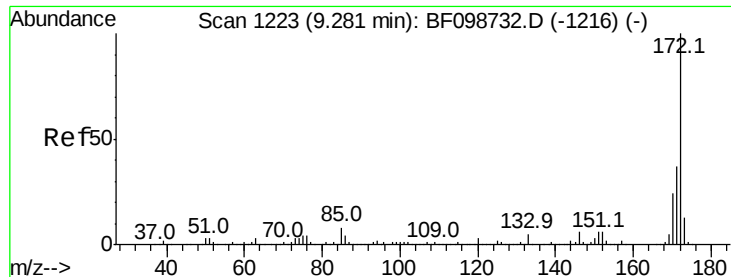


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



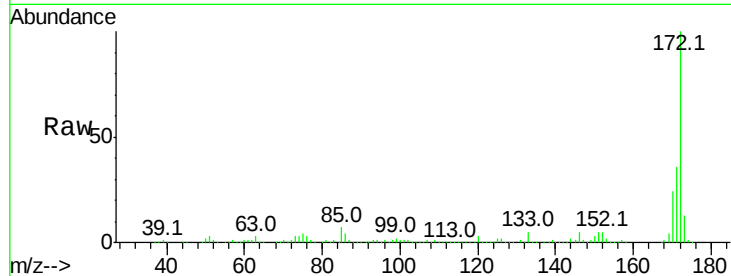


#44
 2-Fluorobiphenyl
 Concen: 99.044 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

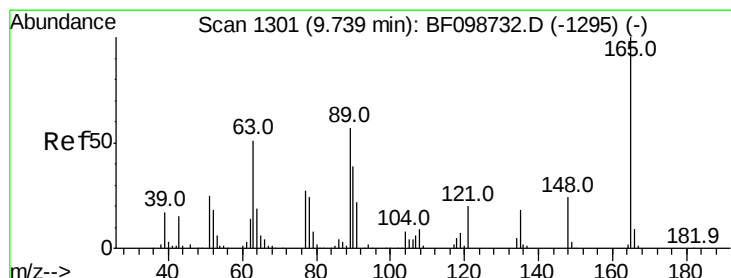
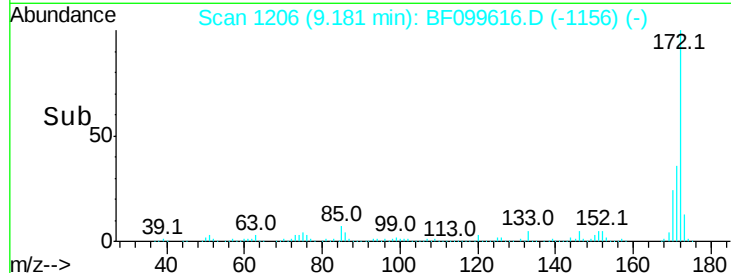
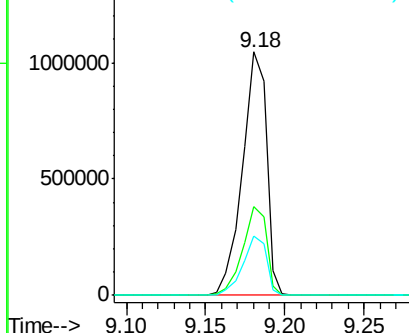
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1102430

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



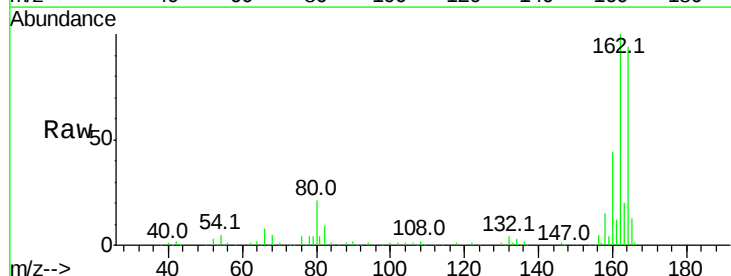
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



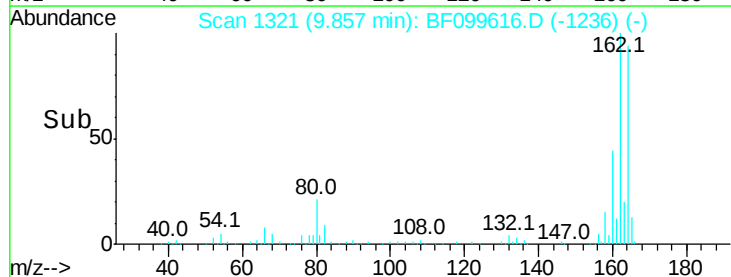
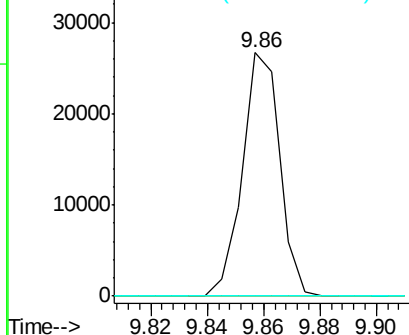
#50
 2,6-Dinitrotoluene
 Concen: 8.016 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

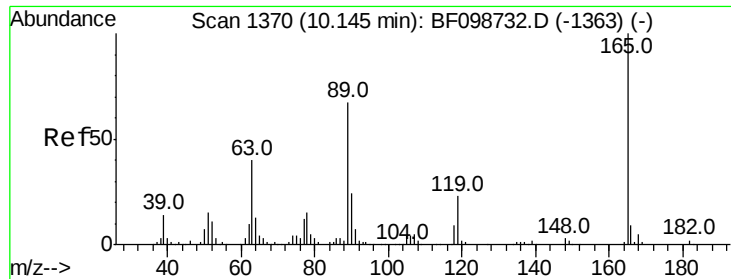
Tgt Ion:165 Resp: 24476

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

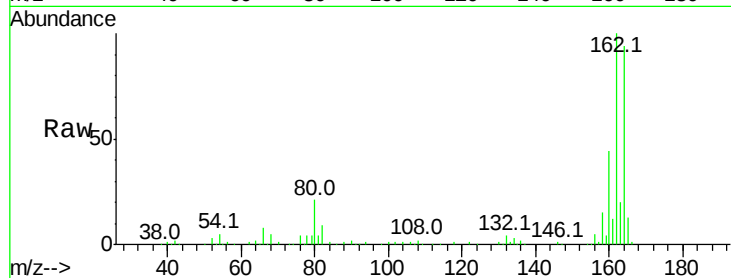




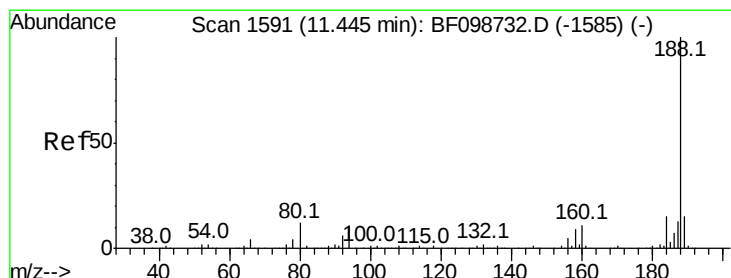
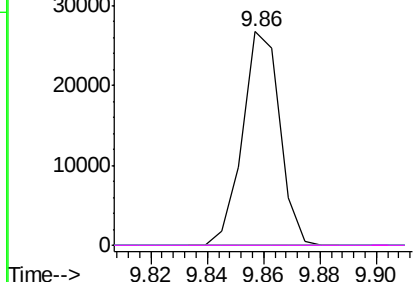
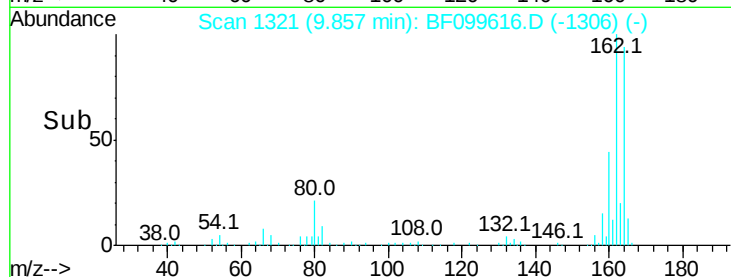
#56
 2,4-Dinitrotoluene
 Concen: 6.177 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.21 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 24476
 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#

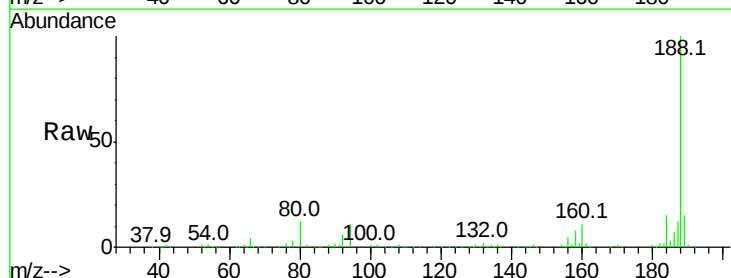


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

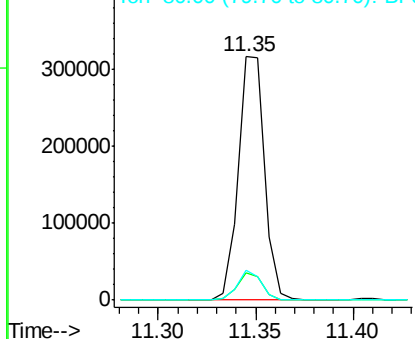
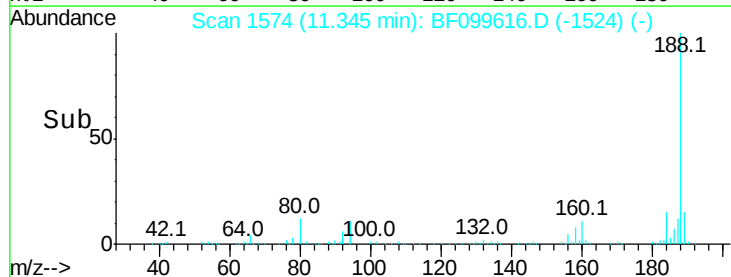


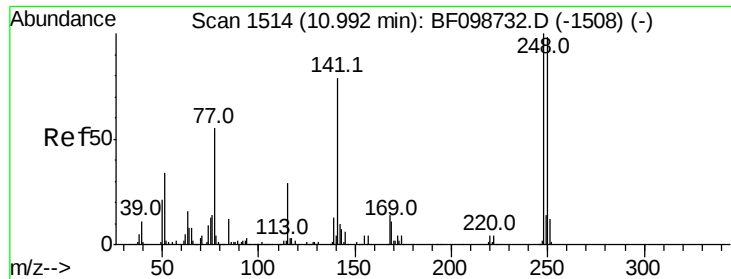
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Tgt Ion:188 Resp: 295511
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.3 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

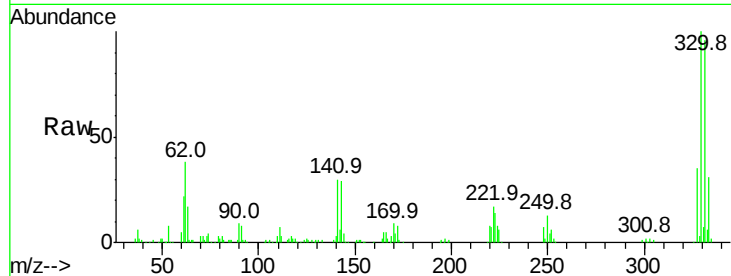




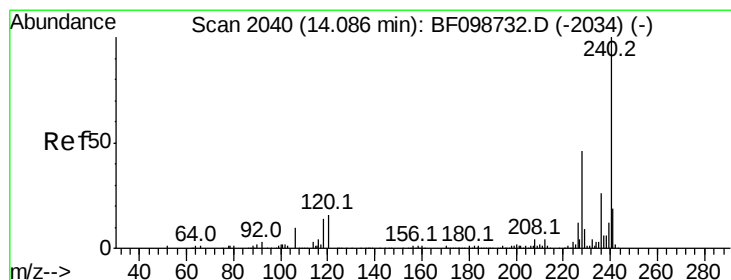
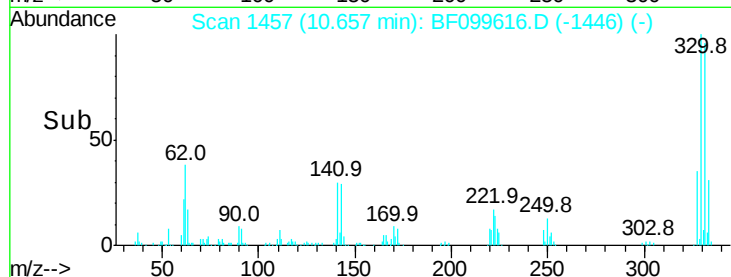
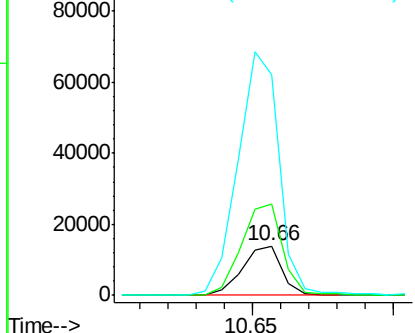
#66
 4-Bromophenyl-phenylether
 Concen: 4.607 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.23 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	186.4	76.9	115.3#
141	449.0	74.4	111.6#

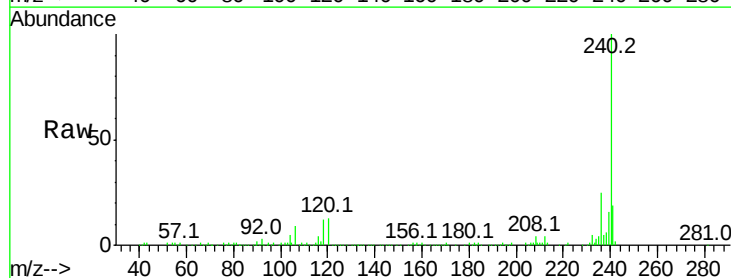


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

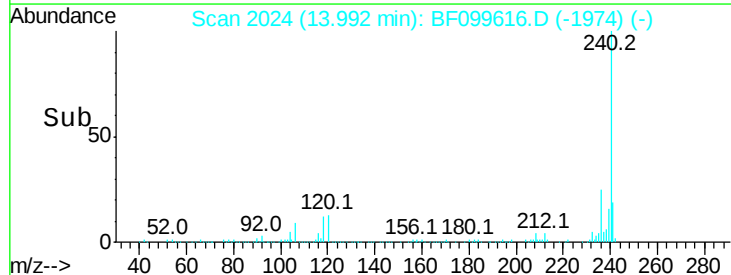
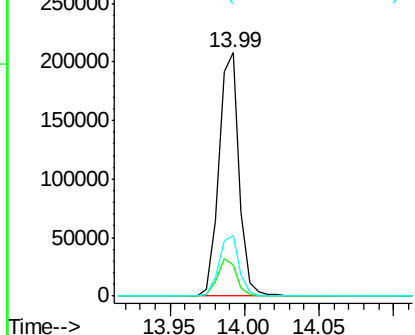


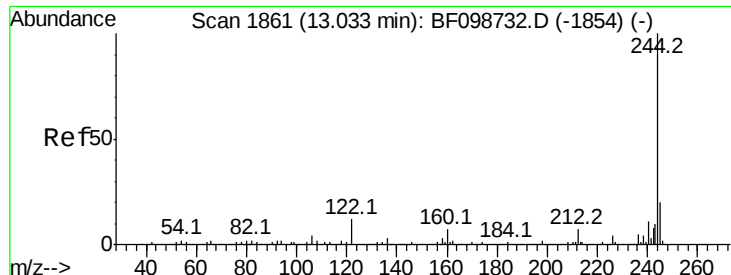
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	9.5	14.3
236	25.0	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

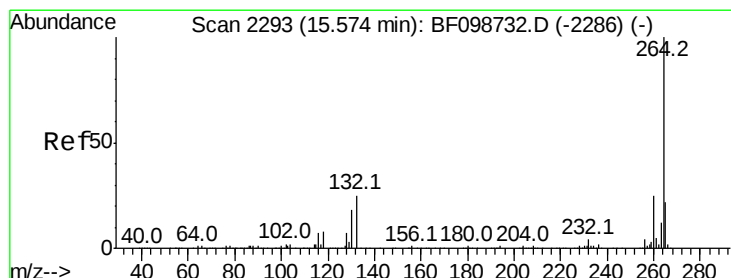
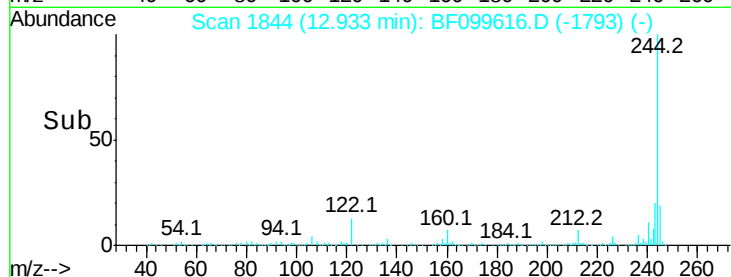
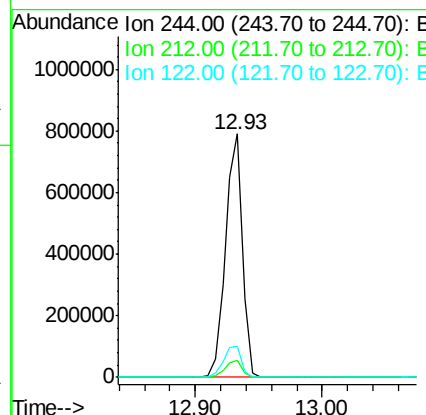
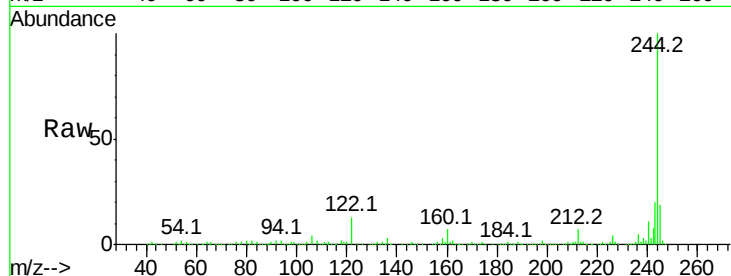




#78
 Terphenyl-d14
 Concen: 84.644 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 735854
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BF099616.D
 Acq: 18 Oct 2017 14:38

Tgt Ion:264 Resp: 219093
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.2 17.5 26.3

