

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101417\
 Data File : BF099496.D
 Acq On : 15 Oct 2017 00:19
 Operator : SJ/JU
 Sample : I5853-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

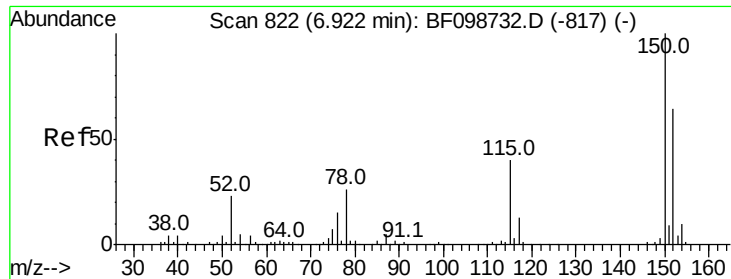
Quant Time: Oct 15 00:49:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 14 23:44:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	96396	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	398416	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	176360	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	289466	20.00	ng	0.00
75) Chrysene-d12	14.02	240	162668	20.00	ng	0.00
86) Perylene-d12	15.49	264	166211	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	792787	130.92	ng	0.01
7) Phenol-d6	6.49	99	954663	127.80	ng	0.00
23) Nitrobenzene-d5	7.42	82	572806	92.20	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	171276	118.69	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	992081	93.91	ng	0.00
78) Terphenyl-d14	12.96	244	675620	94.46	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.63	77	14983	3.458	ng	91
10) Phenol	6.50	94	46897	5.614	ng	98
19) n-Nitroso-di-n-propylamine	7.42	70	74203	15.559	ng	# 71
25) Isophorone	7.42	82	572800	44.595	ng	# 64
49) Dimethylphthalate	9.60	163	219434	16.486	ng	99
56) 2,4-Dinitrotoluene	9.89	165	22556	5.998	ng	# 22
66) 4-Bromophenyl-phenylether	10.68	248	11925	4.209	ng	# 1

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

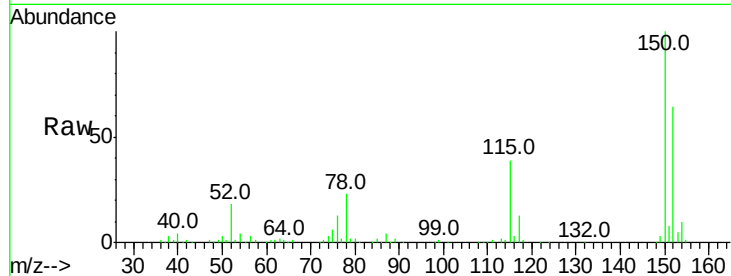


#1

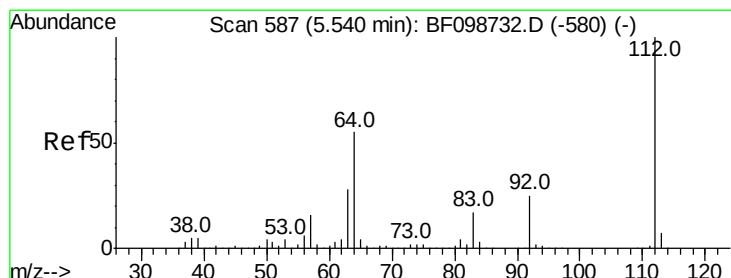
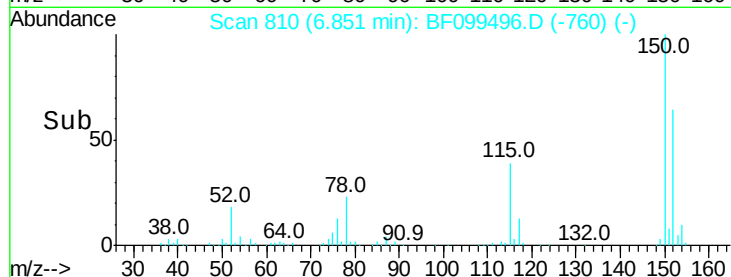
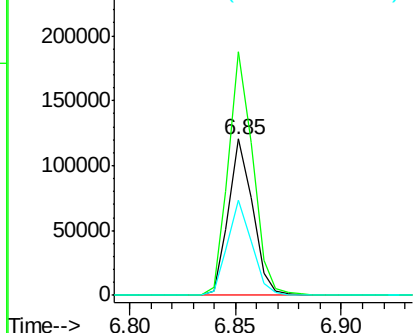
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF099496.D
Acq: 15 Oct 2017 00:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 96396
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 61.2 50.1 75.1



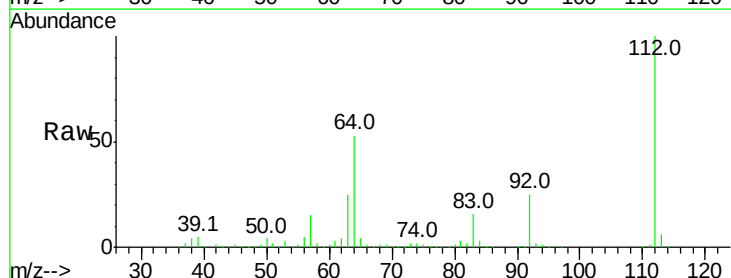
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



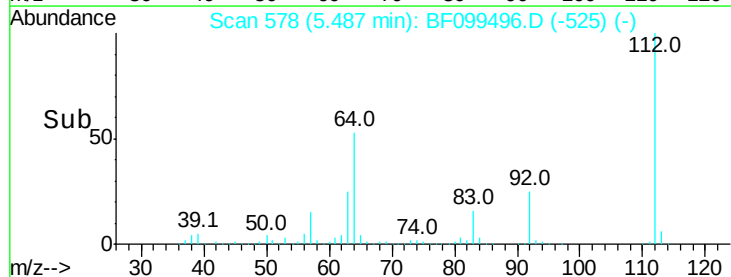
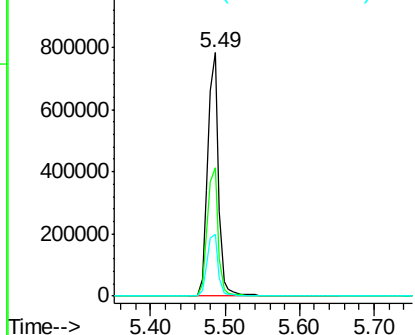
#5

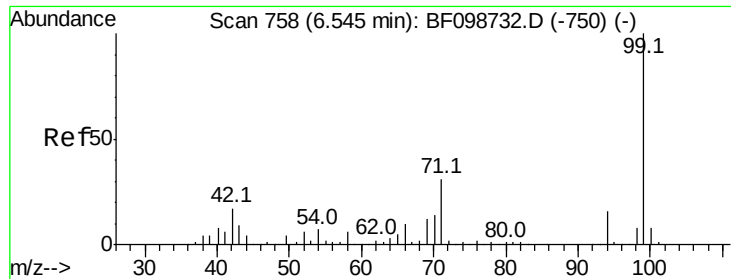
2-Fluorophenol
Concen: 130.922 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099496.D
Acq: 15 Oct 2017 00:19

Tgt Ion:112 Resp: 792787
Ion Ratio Lower Upper
112 100
64 52.7 47.9 71.9
63 25.3 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: 127.799 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF099496.D

Acq: 15 Oct 2017 00:19

Instrument :

BNA_F

ClientSampled :

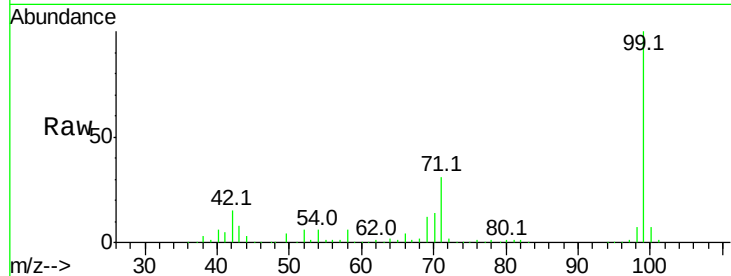
Tot Ion: 99 Resp: 954663

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

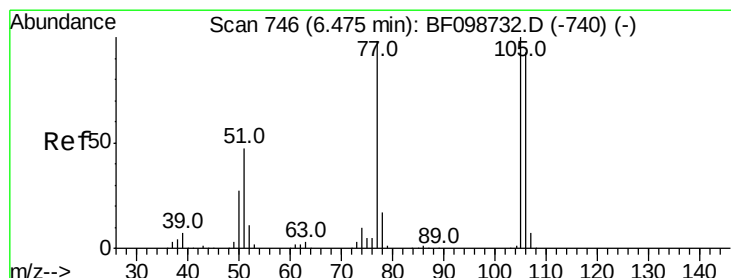
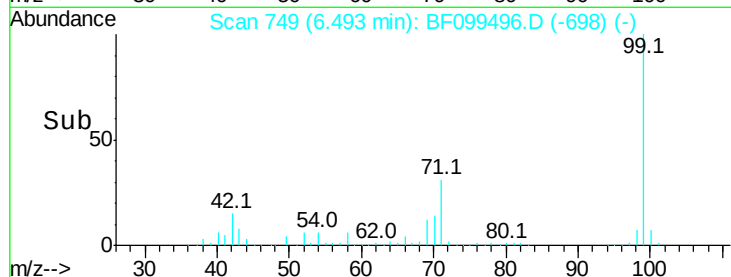
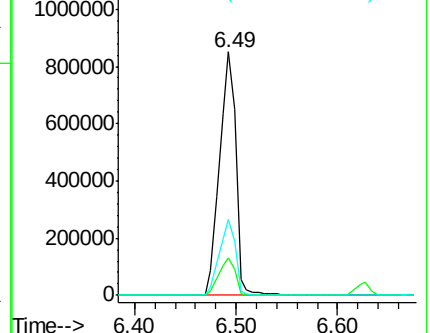
71 31.4 25.4 38.0



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: 3.458 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF099496.D

Acq: 15 Oct 2017 00:19

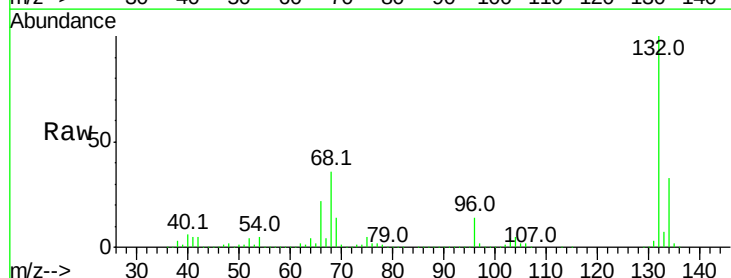
Tgt Ion: 77 Resp: 14983

Ion Ratio Lower Upper

77 100

105 91.8 81.1 121.1

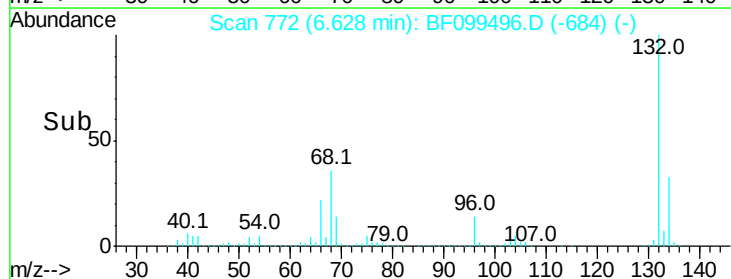
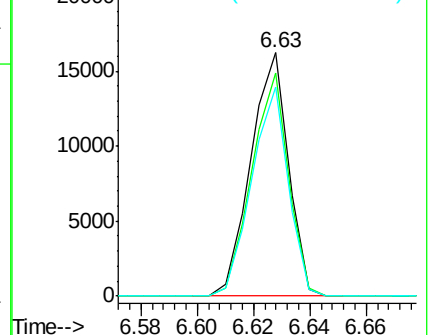
106 86.0 74.5 114.5

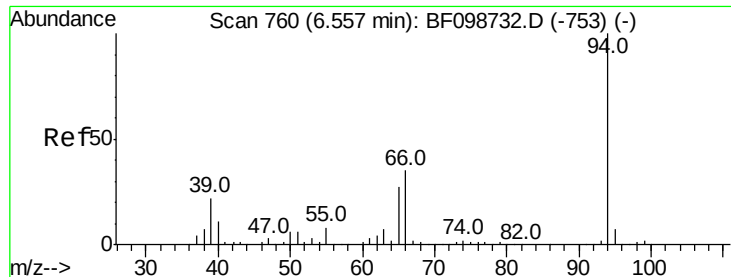


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

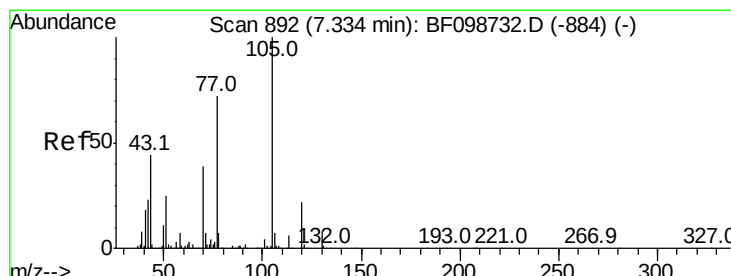
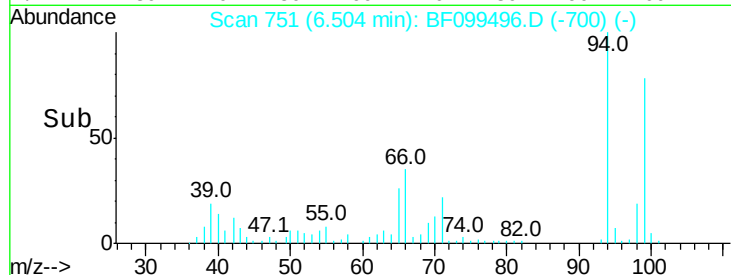
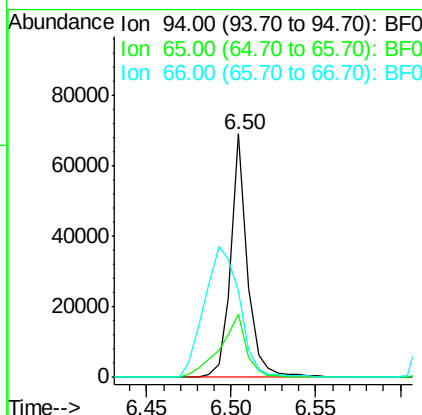
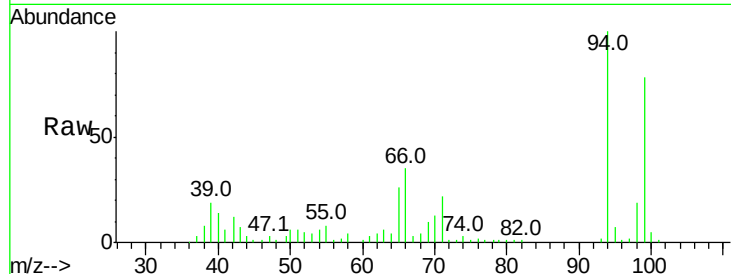




#10
Phenol
Concen: 5.614 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF099496.D
Acq: 15 Oct 2017 00:19

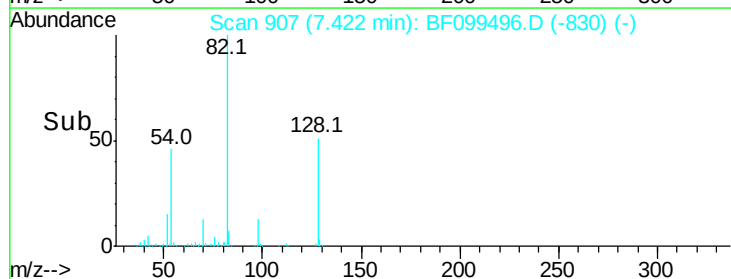
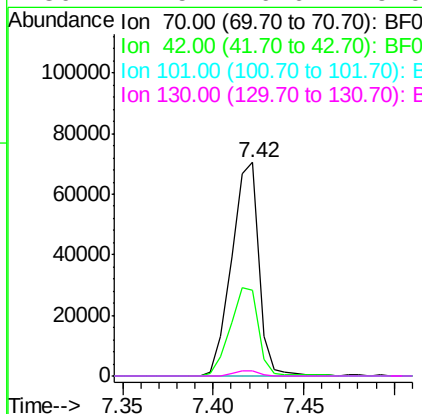
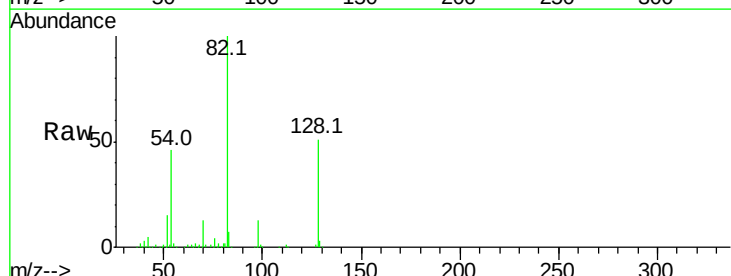
Instrument :
BNA_F
ClientSampled :

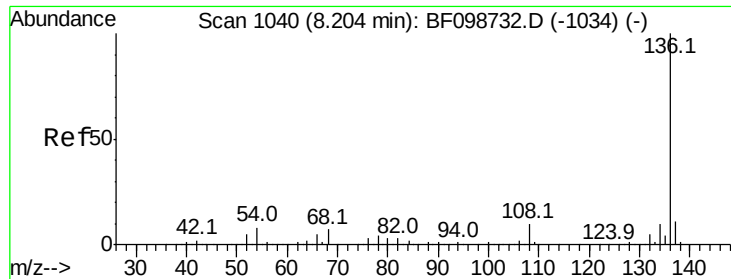
Tot Ion: 94 Resp: 46897
Ion Ratio Lower Upper
94 100
65 26.2 7.9 47.9
66 35.3 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.559 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF099496.D
Acq: 15 Oct 2017 00:19

Tgt Ion: 70 Resp: 74203
Ion Ratio Lower Upper
70 100
42 40.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#

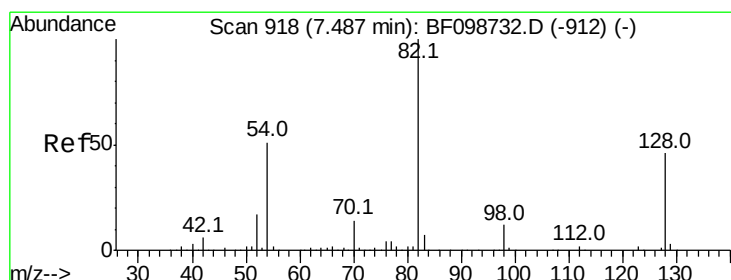
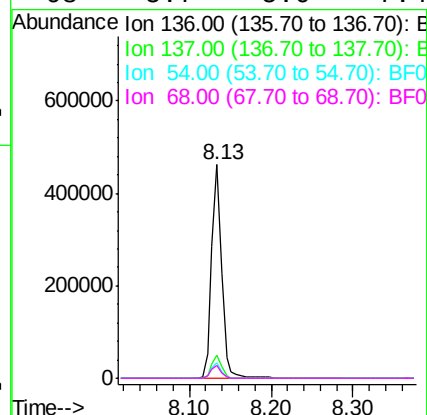
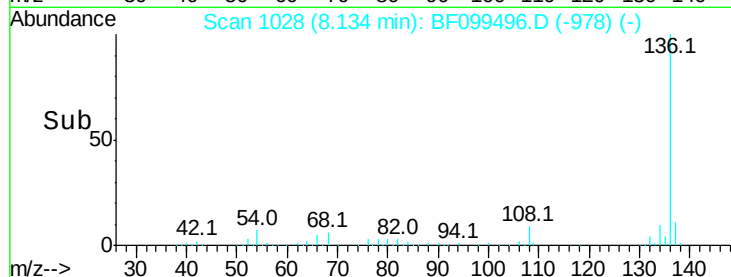
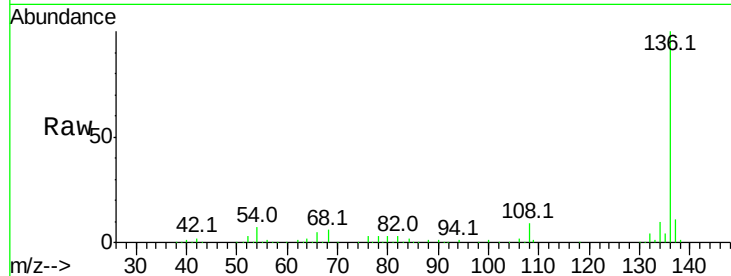




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF099496.D
Acq: 15 Oct 2017 00:19

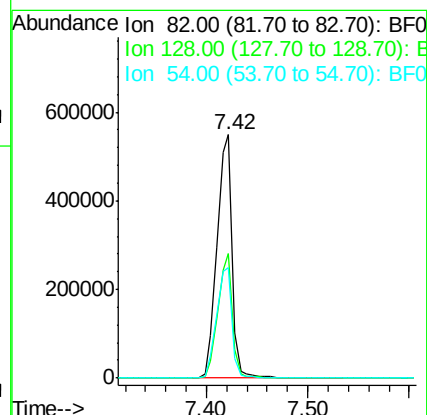
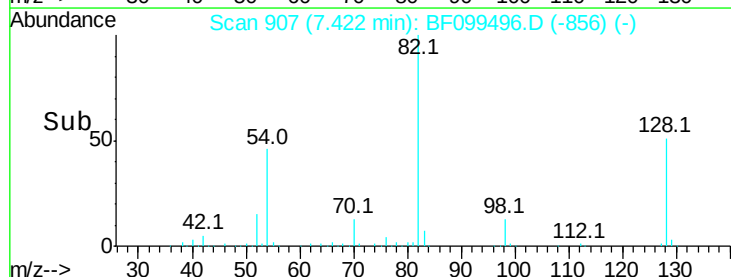
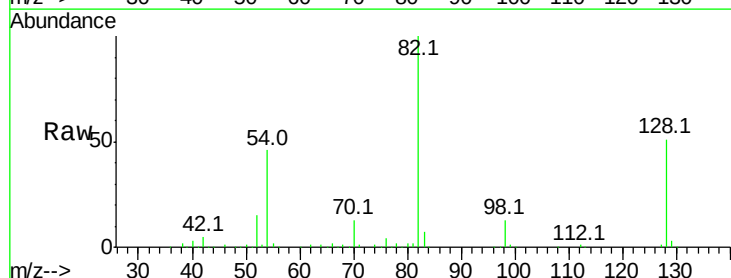
Instrument :
BNA_F
ClientSampleId :

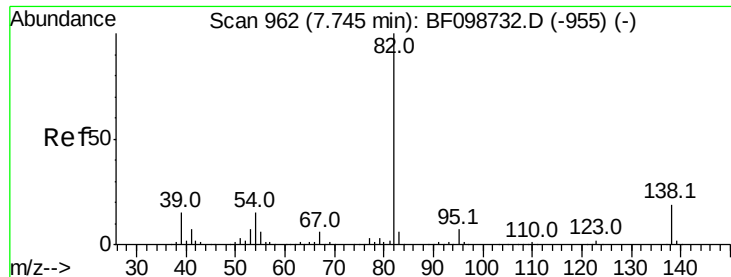
Tot Ion:	136	Resp:	398416
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.1	6.6	9.8
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 92.200 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF099496.D
Acq: 15 Oct 2017 00:19

Tgt Ion:	82	Resp:	572806
Ion	Ratio	Lower	Upper
82	100		
128	51.0	36.1	54.1
54	45.6	41.4	62.2





#25

Isophorone

Concen: 44.595 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.26 min

Lab File: BF099496.D

Acq: 15 Oct 2017 00:19

Instrument :

BNA_F

ClientSampleId :

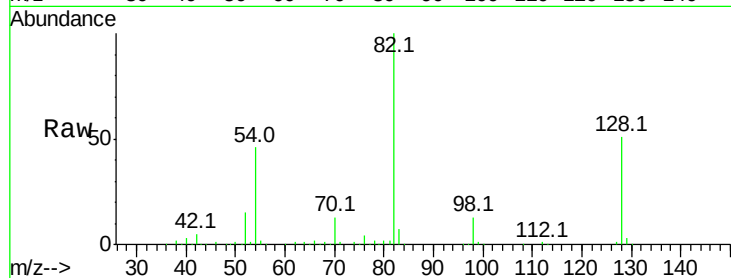
Tot Ion: 82 Resp: 572800

Ion Ratio Lower Upper

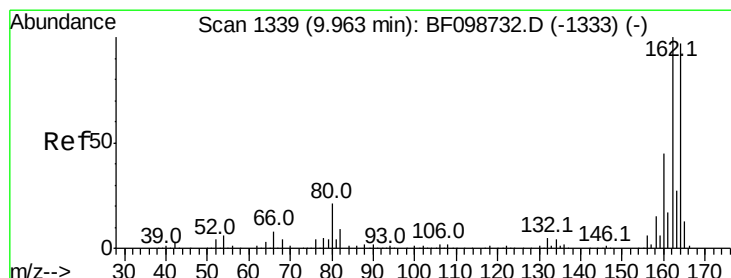
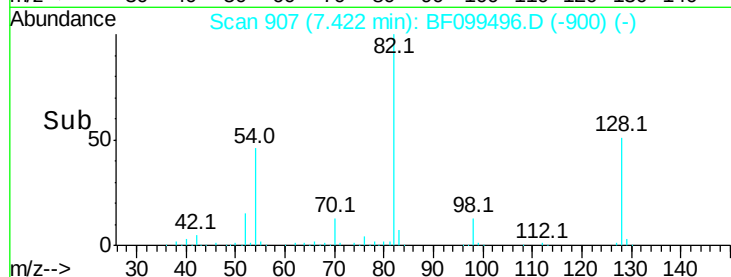
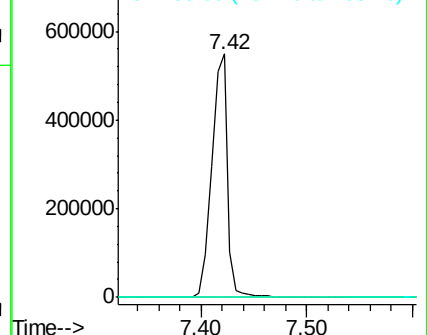
82 100

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: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF099496.D

Acq: 15 Oct 2017 00:19

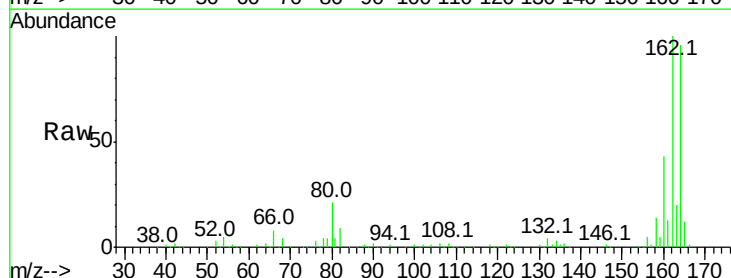
Tgt Ion:164 Resp: 176360

Ion Ratio Lower Upper

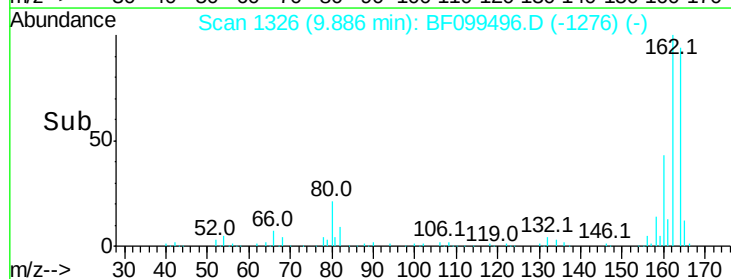
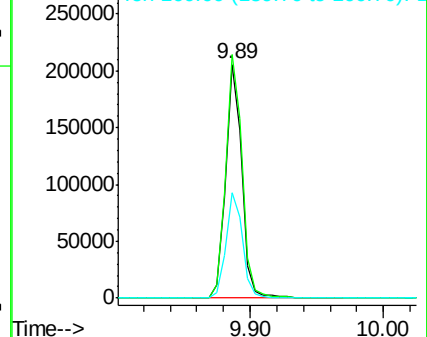
164 100

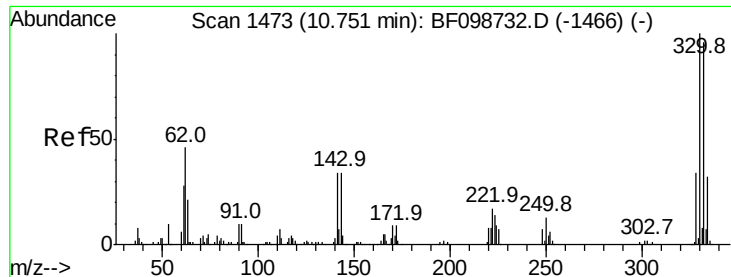
162 104.3 86.1 129.1

160 44.9 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

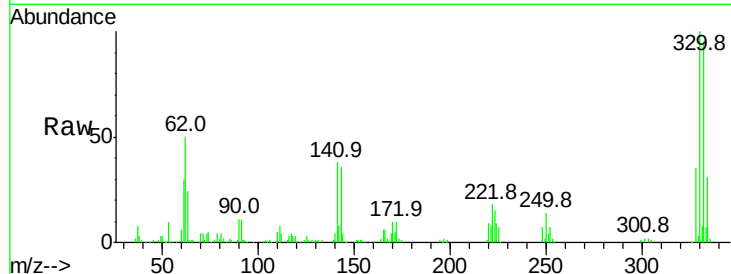




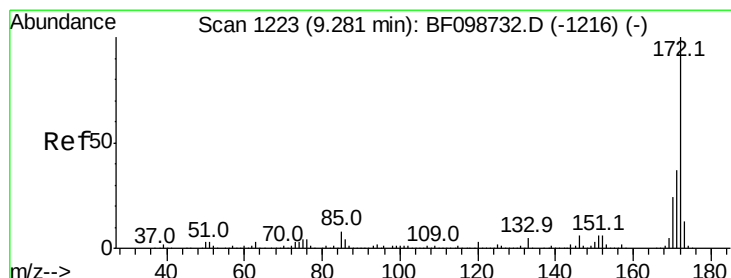
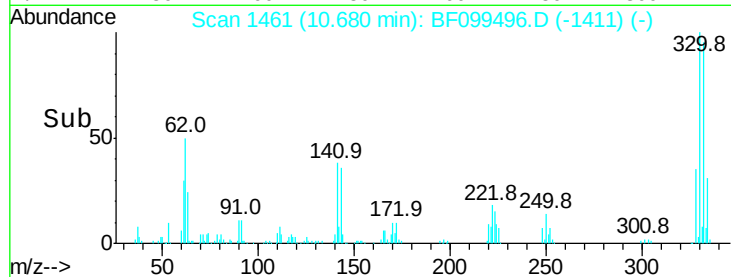
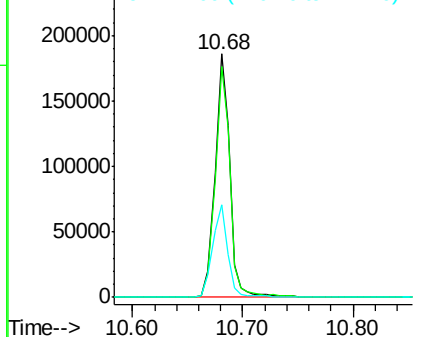
#41
 2,4,6-Tribromophenol
 Concen: 118.686 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: BF099496.D
 Acq: 15 Oct 2017 00:19

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	38.8	29.9	44.9

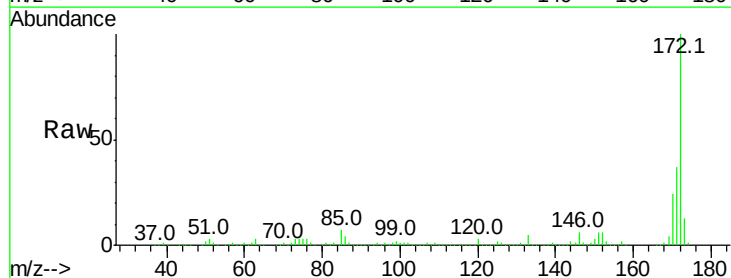


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

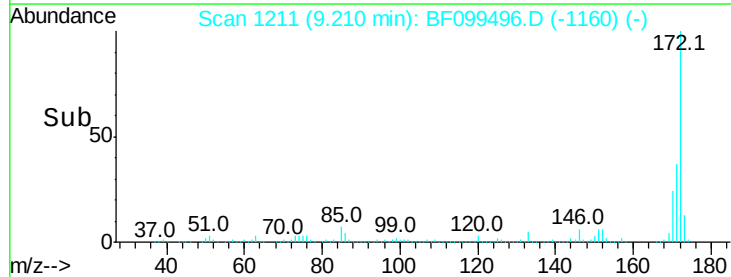
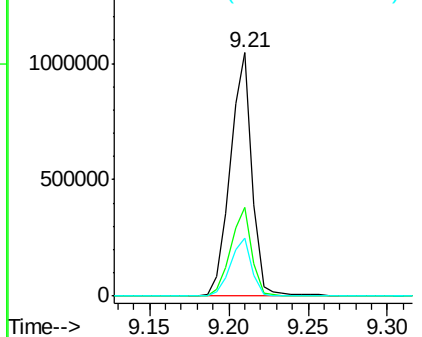


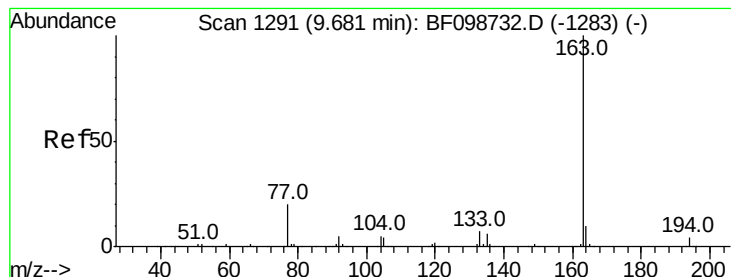
#44
 2-Fluorobiphenyl
 Concen: 93.910 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF099496.D
 Acq: 15 Oct 2017 00:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.1	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: 16.486 ng

RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF099496.D

Acq: 15 Oct 2017 00:19

Instrument :

BNA_F

ClientSampleId :

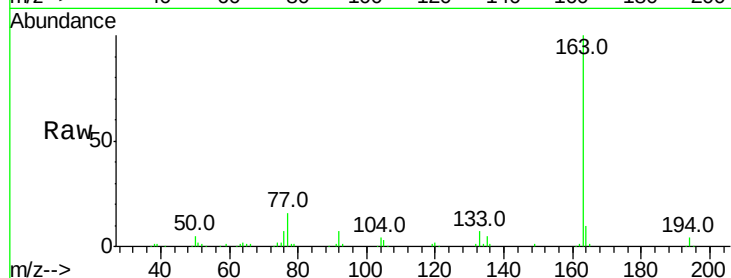
Tot Ion:163 Resp: 219434

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

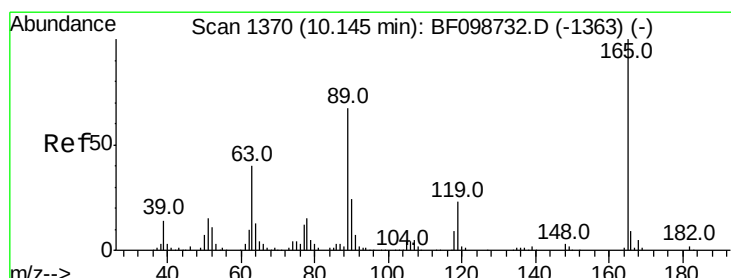
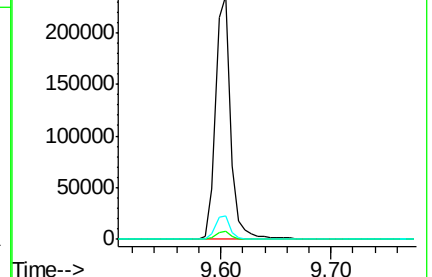
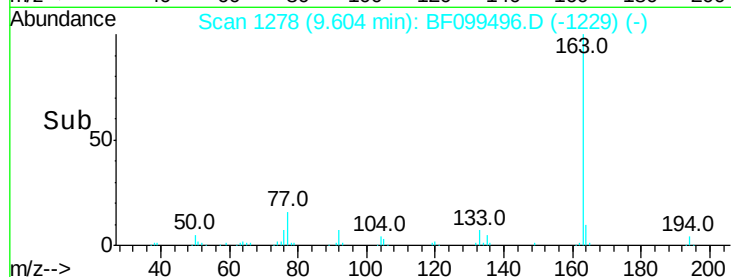
164 9.7 8.2 12.2



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: 5.998 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.21 min

Lab File: BF099496.D

Acq: 15 Oct 2017 00:19

Tgt Ion:165 Resp: 22556

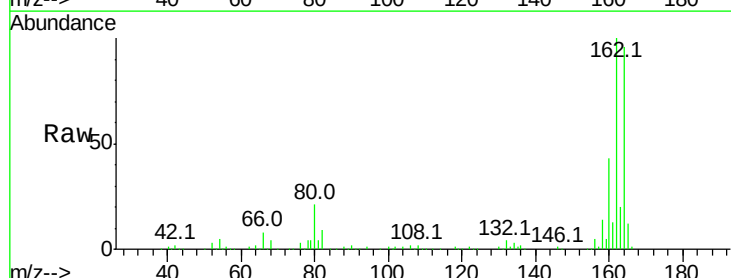
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.3 57.8 86.6#

182 0.0 1.6 2.4#

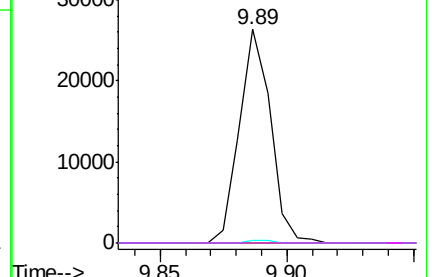
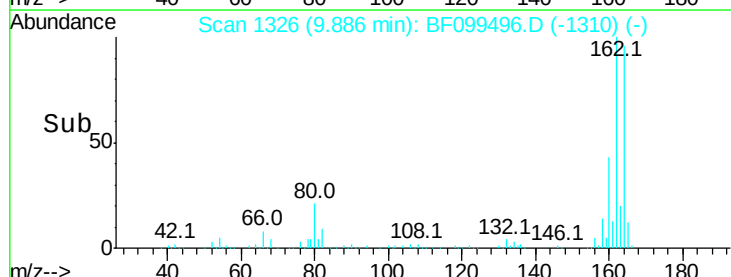


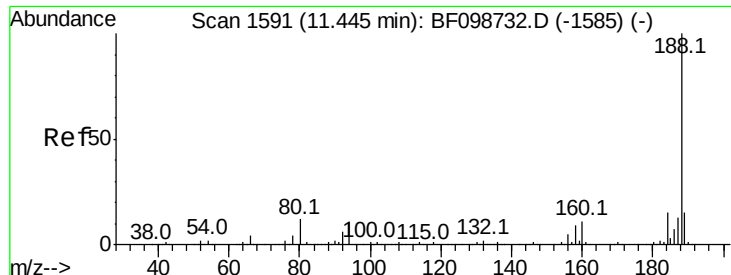
Abundance Ion 165.00 (164.70 to 165.70): E

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

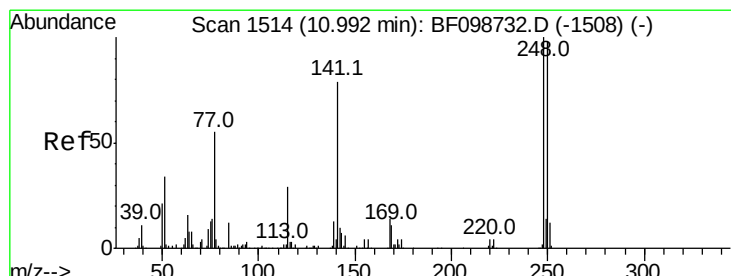
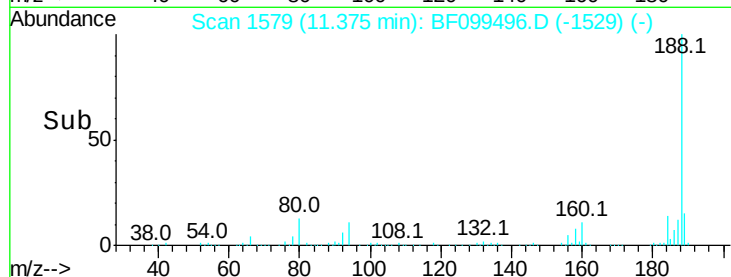
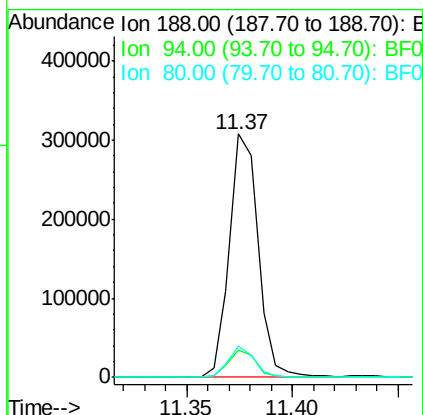
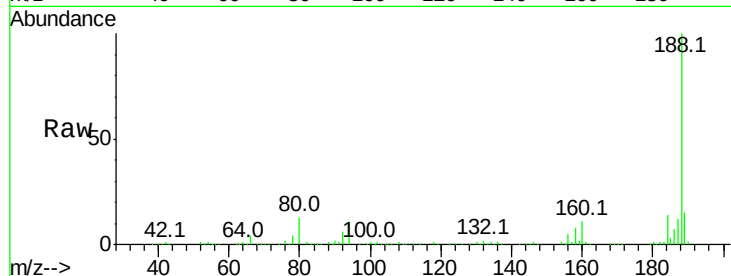




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF099496.D
 Acq: 15 Oct 2017 00:19

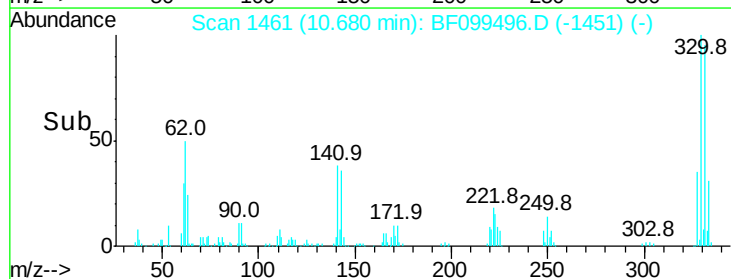
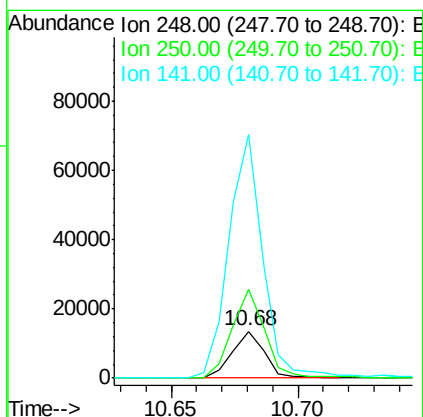
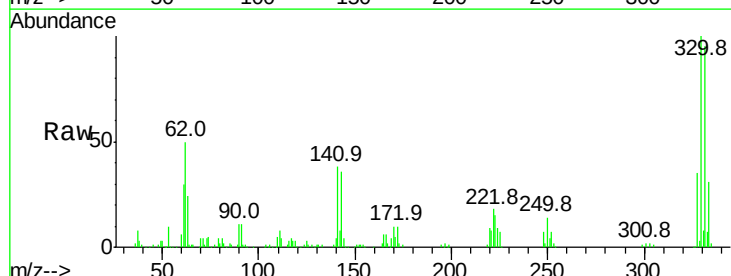
Instrument :
 BNA_F
 ClientSampleId :

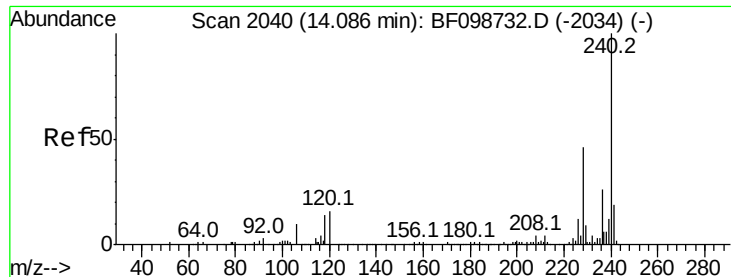
Tot Ion:188 Resp: 289466
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.6 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.209 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.24 min
 Lab File: BF099496.D
 Acq: 15 Oct 2017 00:19

Tgt Ion:248 Resp: 11925
 Ion Ratio Lower Upper
 248 100
 250 191.1 76.9 115.3#
 141 521.5 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF099496.D

Acq: 15 Oct 2017 00:19

Instrument :

BNA_F

ClientSampleId :

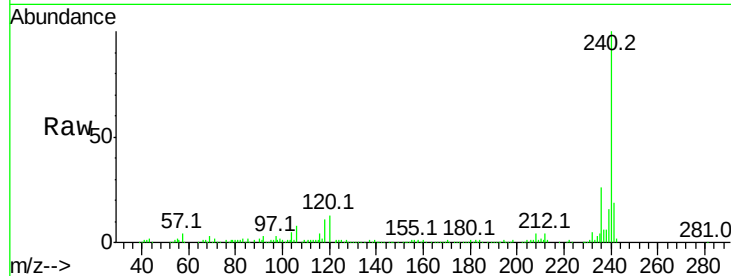
Tot Ion:240 Resp: 162668

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

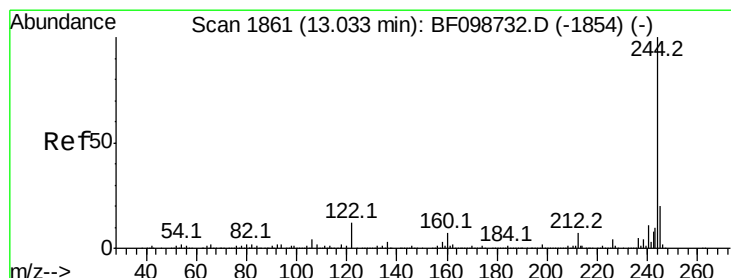
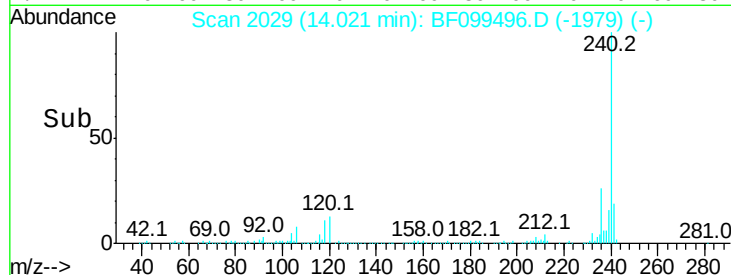
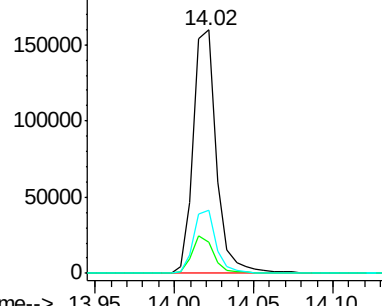
236 25.9 20.7 31.1



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: 94.456 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF099496.D

Acq: 15 Oct 2017 00:19

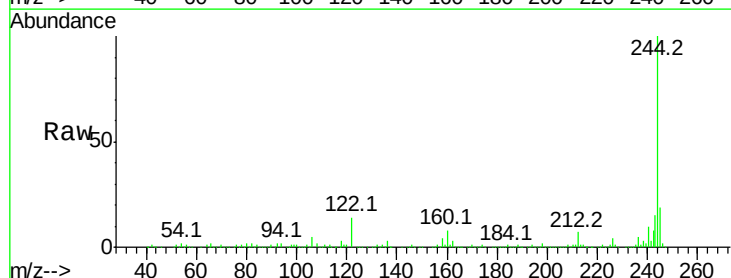
Tgt Ion:244 Resp: 675620

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

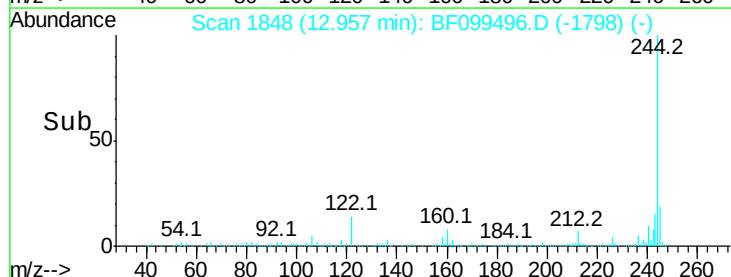
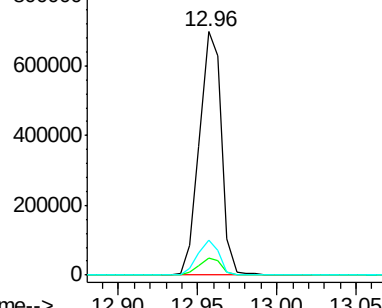
122 14.2 11.0 16.4

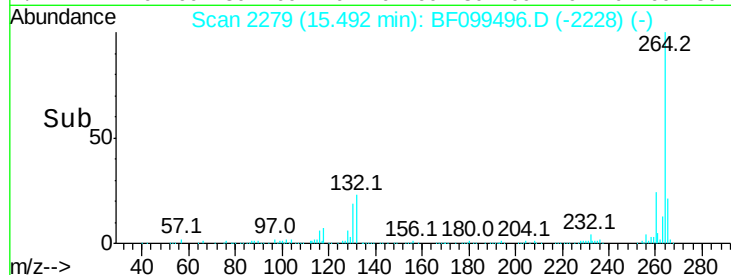
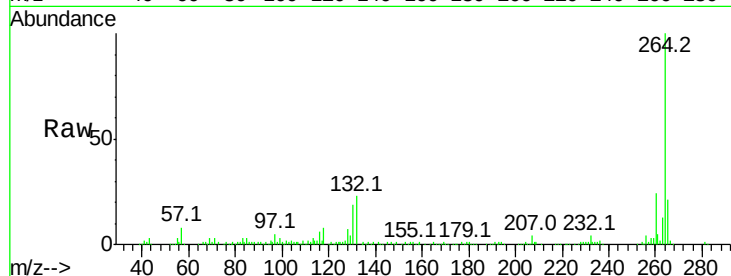
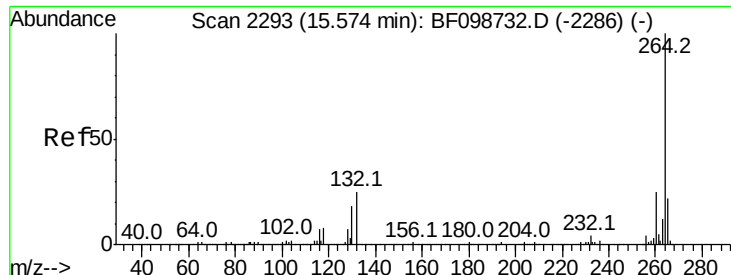


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF099496.D
 Acq: 15 Oct 2017 00:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	166211
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.2	28.8
265	21.2	17.5	26.3

