

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101617\
 Data File : BF099545.D
 Acq On : 16 Oct 2017 15:36
 Operator : SJ/JU
 Sample : I5782-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 16 23:26:12 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

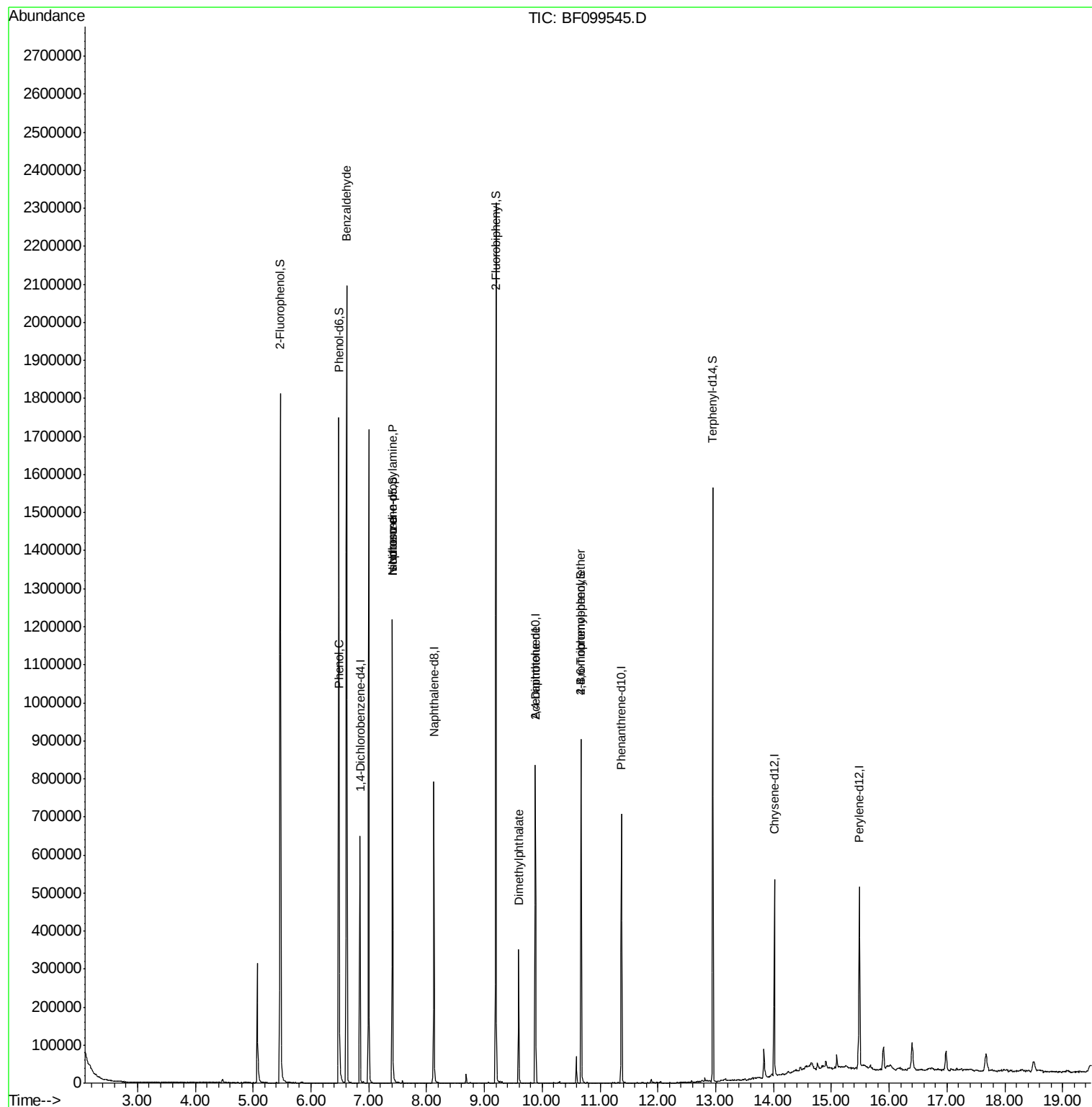
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	97504	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	382630	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	153671	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	231686	20.00	ng	0.00
75) Chrysene-d12	14.02	240	176747	20.00	ng	0.00
86) Perylene-d12	15.49	264	194831	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	559618	91.37	ng	0.00
7) Phenol-d6	6.48	99	649218	85.92	ng	0.00
23) Nitrobenzene-d5	7.41	82	378084	63.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	102290	81.35	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	703007	76.37	ng	-0.01
78) Terphenyl-d14	12.95	244	454672	58.50	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	10757	2.45	ng	88
10) Phenol	6.49	94	53135	6.29	ng	96
19) n-Nitroso-di-n-propylamine	7.41	70	46571	9.65	ng	# 72
25) Isophorone	7.41	82	378079	30.65	ng	# 64
49) Dimethylphthalate	9.59	163	137442	11.85	ng	100
56) 2,4-Dinitrotoluene	9.88	165	20161	6.15	ng	# 22
66) 4-Bromophenyl-phenylether	10.67	248	6804	3.00	ng	# 1

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

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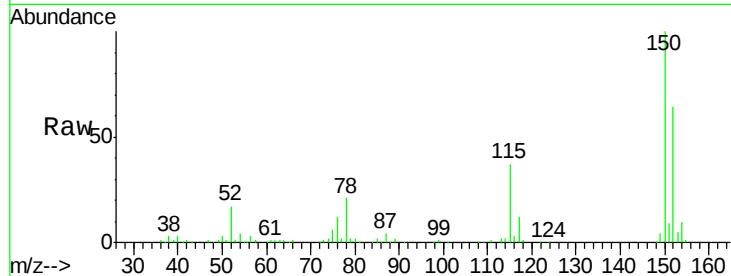




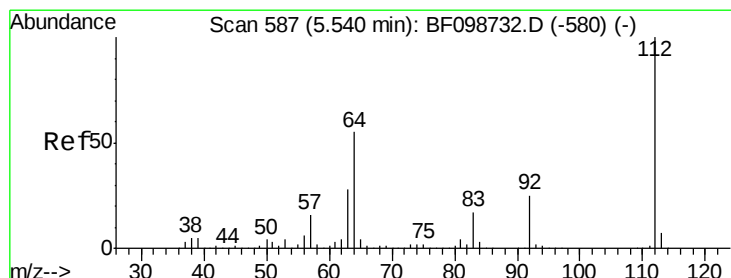
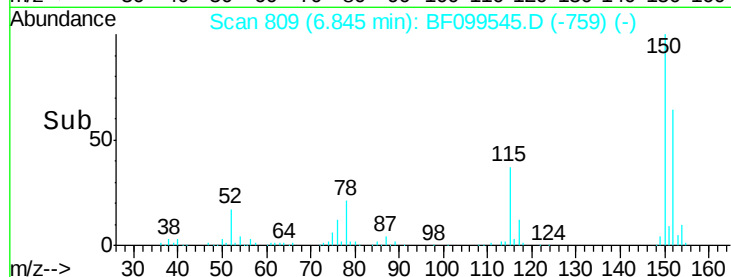
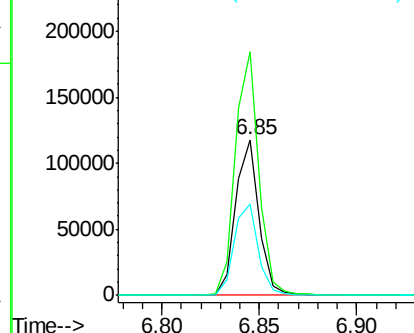
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF099545.D
 Acq: 16 Oct 2017 15:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 97504
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 58.5 50.1 75.1

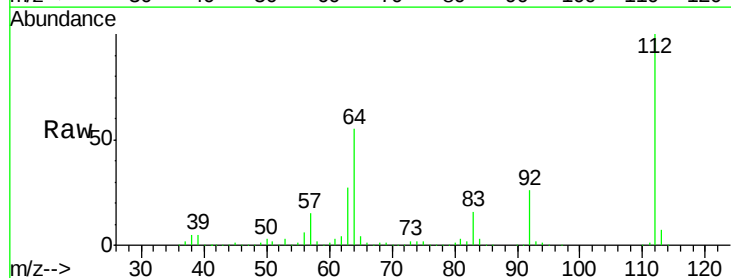


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

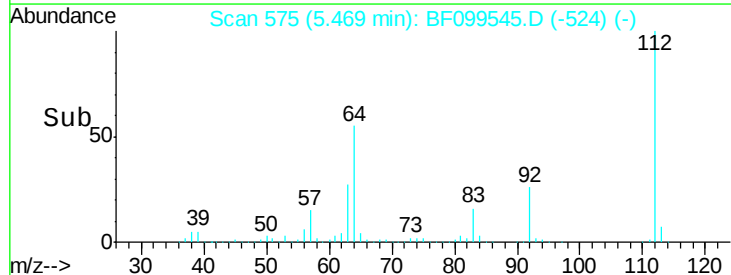
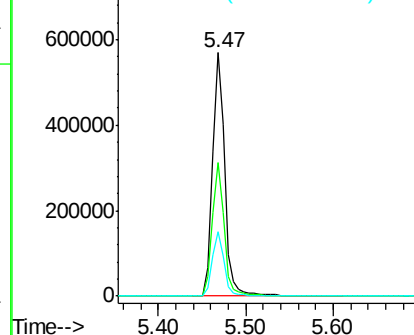


#5
 2-Fluorophenol
 Concen: 91.37 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF099545.D
 Acq: 16 Oct 2017 15:36

Tgt Ion:112 Resp: 559618
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.9 71.9
 63 26.6 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: 85.92 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

Instrument :

BNA_F

ClientSampled :

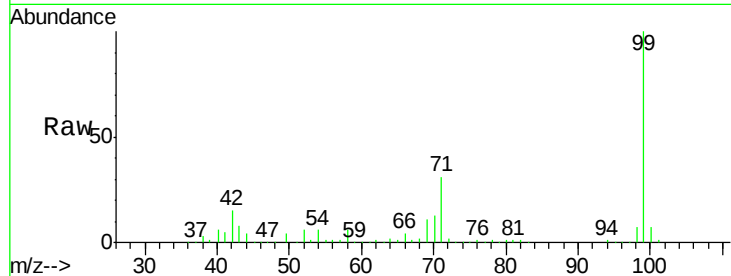
Tot Ion: 99 Resp: 649218

Ion Ratio Lower Upper

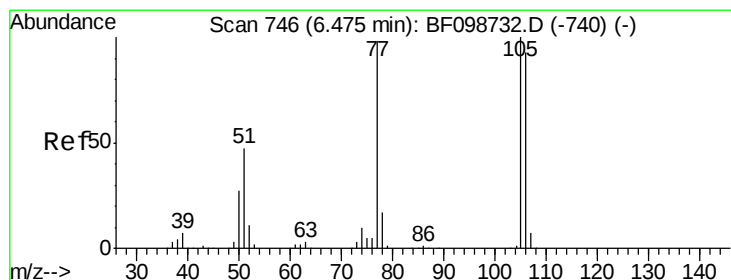
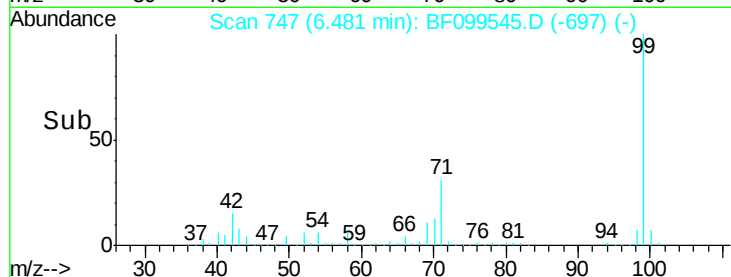
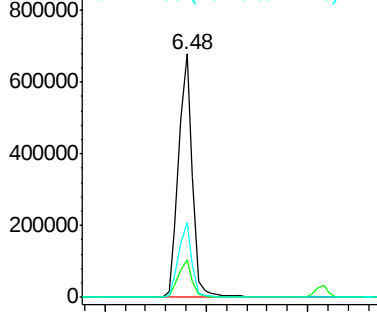
99 100

42 15.2 14.5 21.7

71 30.7 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: 2.45 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.21 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

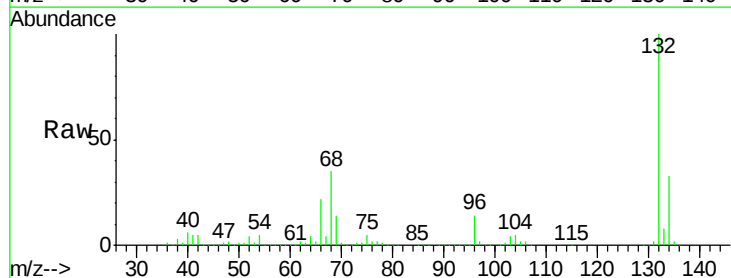
Tgt Ion: 77 Resp: 10757

Ion Ratio Lower Upper

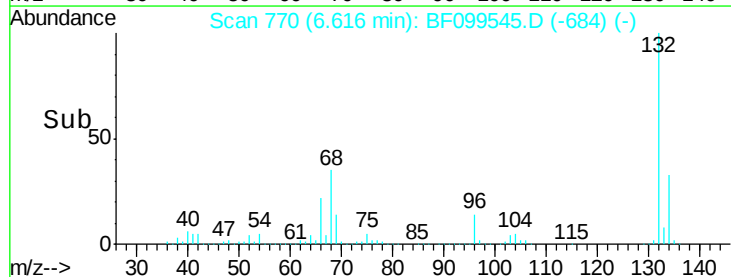
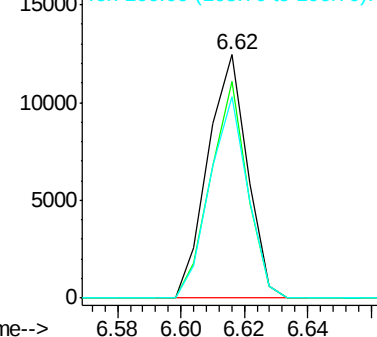
77 100

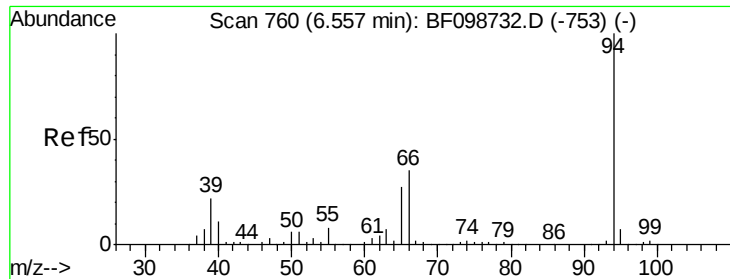
105 89.0 81.1 121.1

106 82.7 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





#10

Phenol

Concen: 6.29 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

Instrument :

BNA_F

ClientSampleId :

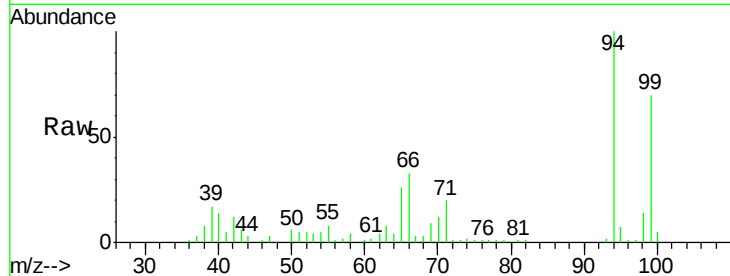
Tot Ion: 94 Resp: 53135

Ion Ratio Lower Upper

94 100

65 26.5 7.9 47.9

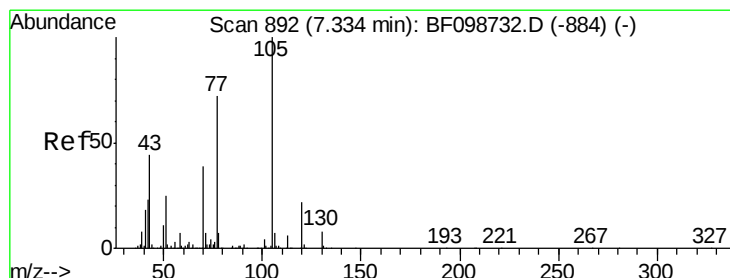
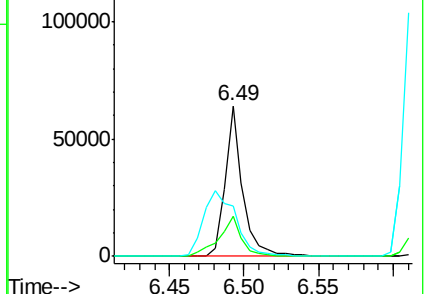
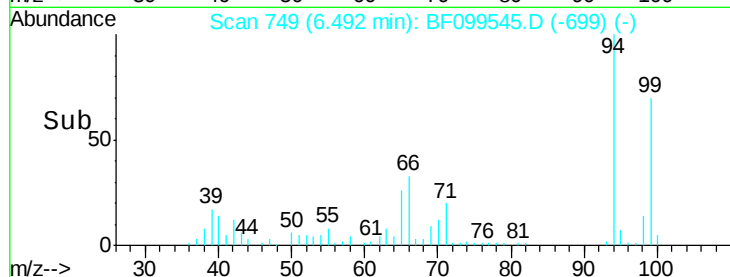
66 33.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 9.65 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.14 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

Tgt Ion: 70 Resp: 46571

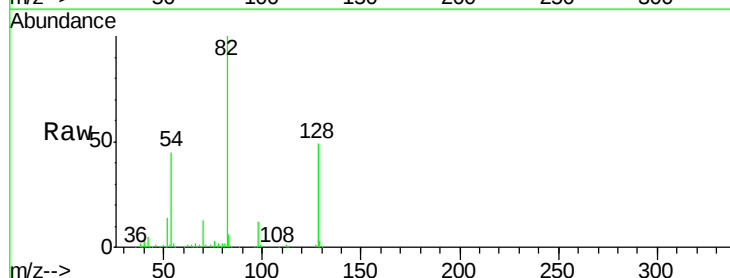
Ion Ratio Lower Upper

70 100

42 40.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

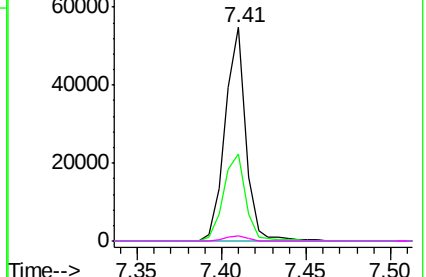
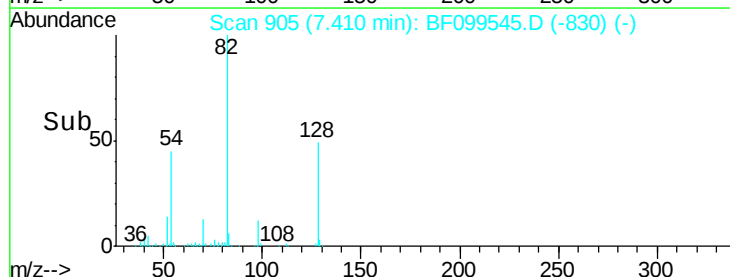


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

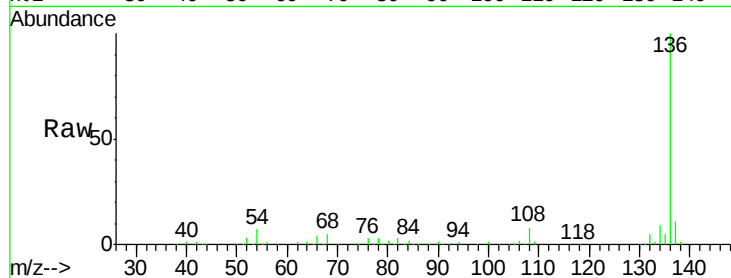




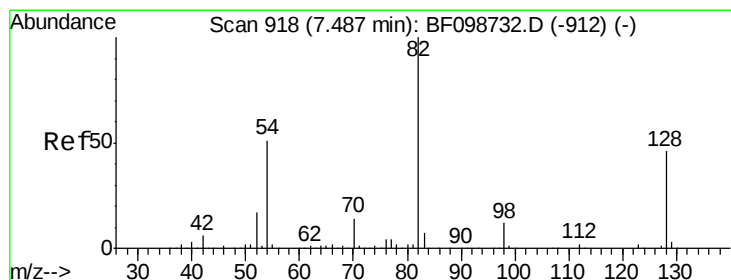
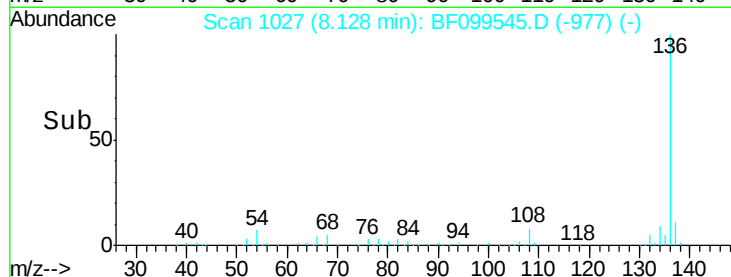
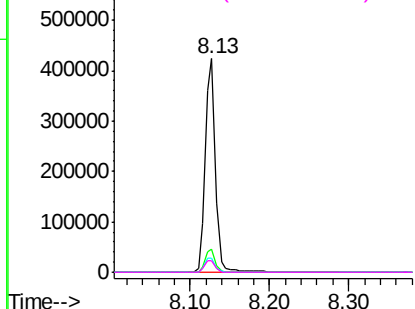
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	382630
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.9	13.3
54 6.6	6.6	9.8
68 5.4	5.0	7.4

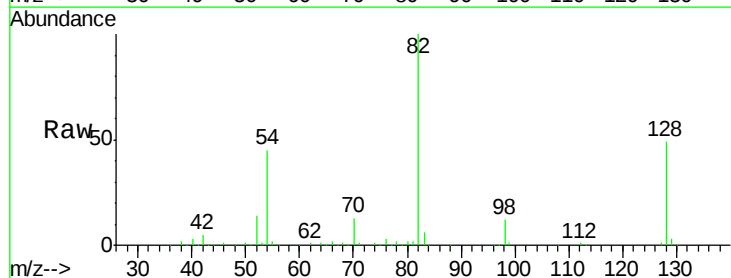


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

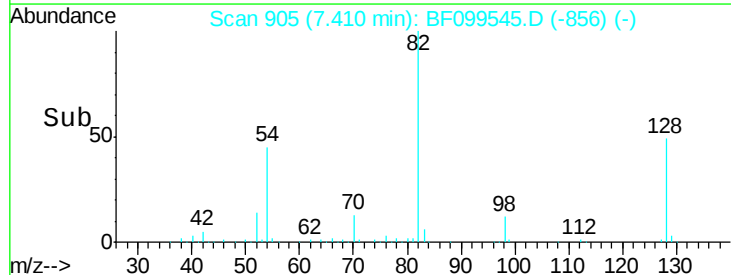
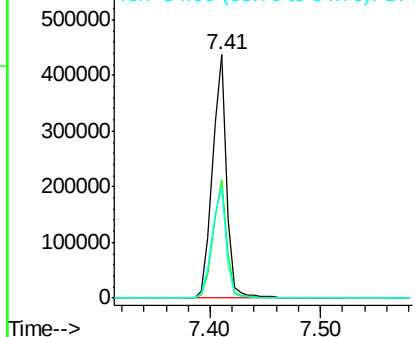


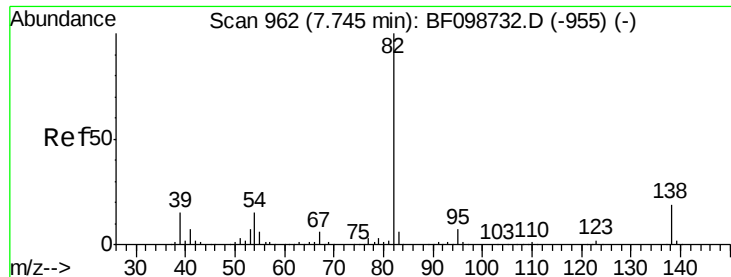
#23
Nitrobenzene-d5
Concen: 63.37 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Tgt Ion: 82	Resp: 378084
Ion Ratio	Lower Upper
82 100	
128 48.7	36.1 54.1
54 45.2	41.4 62.2



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





#25

Isophorone

Concen: 30.65 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

Instrument :

BNA_F

ClientSampled :

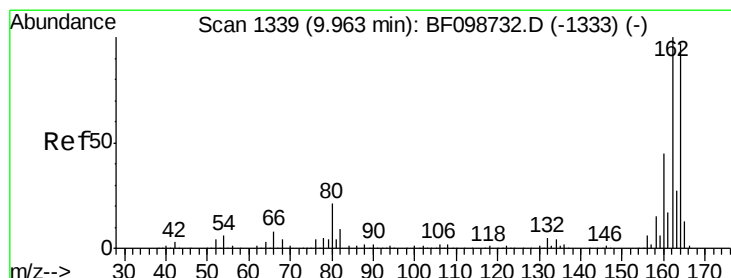
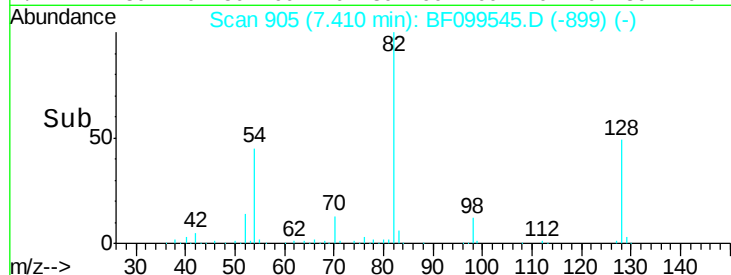
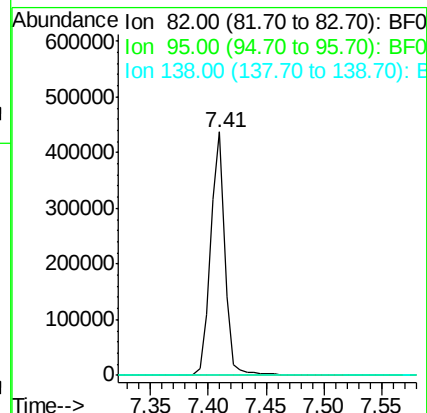
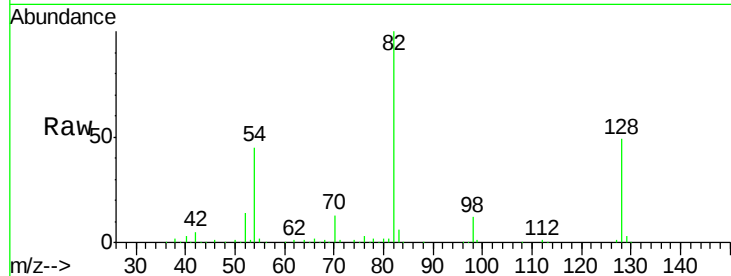
Tot Ion: 82 Resp: 378079

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

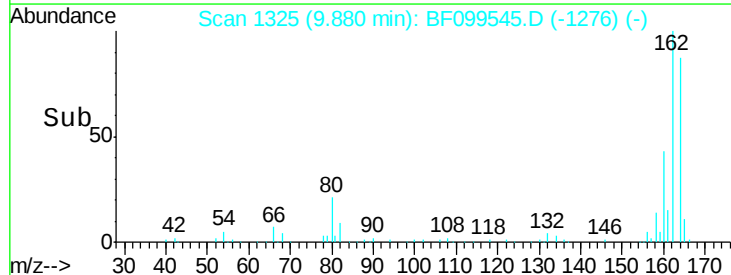
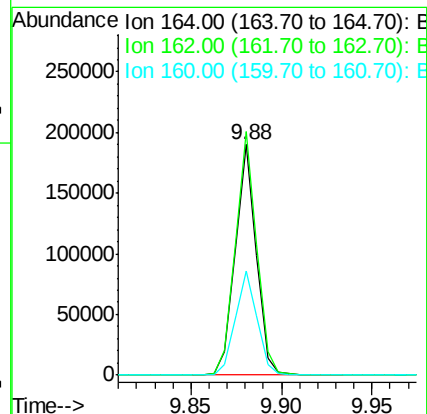
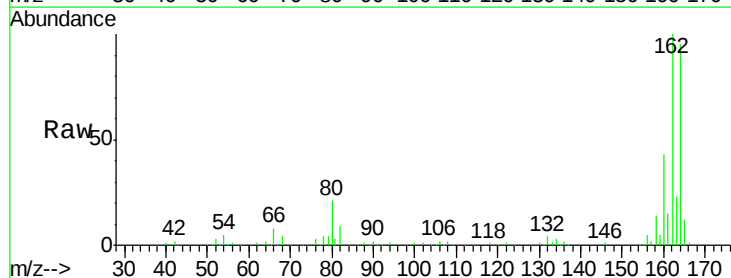
Tgt Ion: 164 Resp: 153671

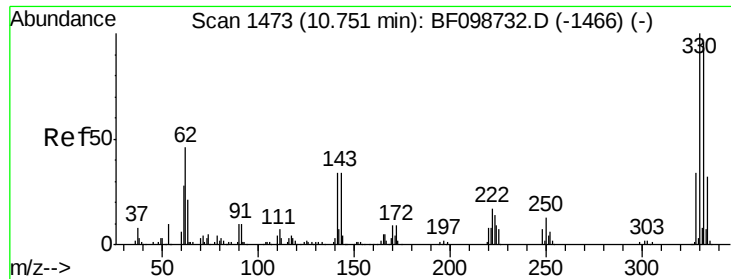
Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

160 45.5 38.3 57.5

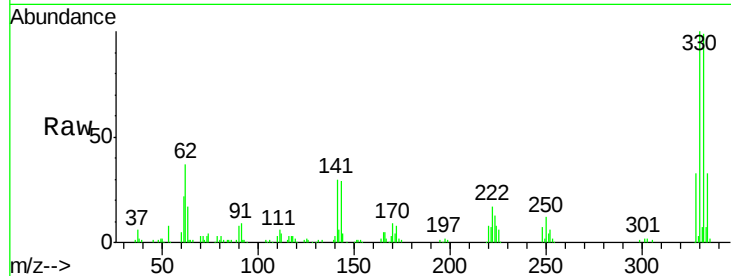




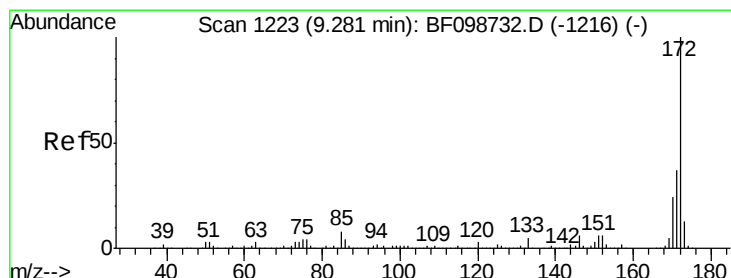
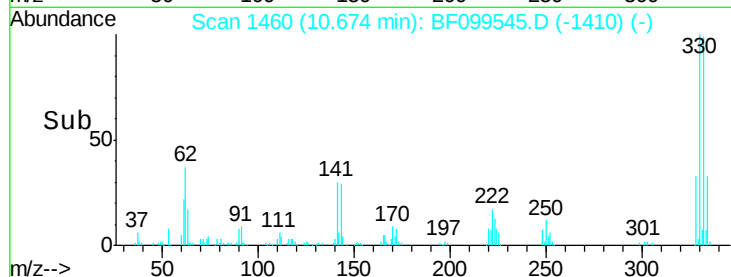
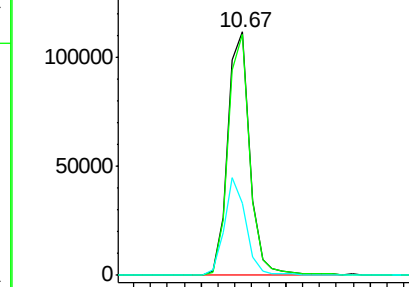
#41
 2,4,6-Tribromophenol
 Concen: 81.35 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF099545.D
 Acq: 16 Oct 2017 15:36

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	39.4	29.9	44.9

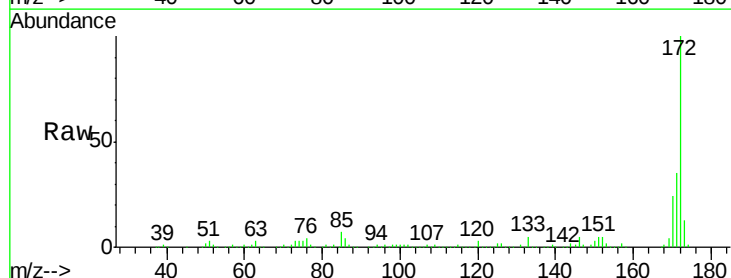


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

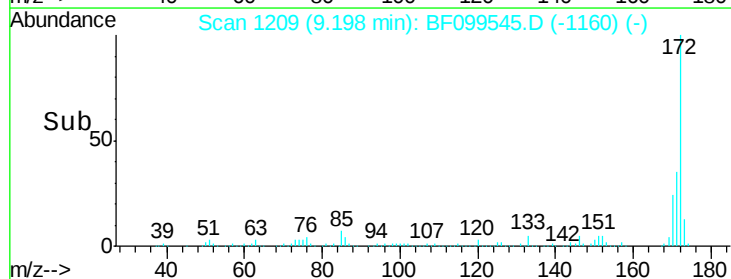
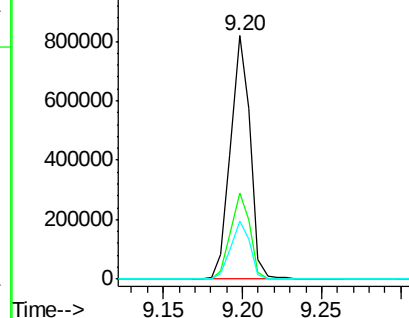


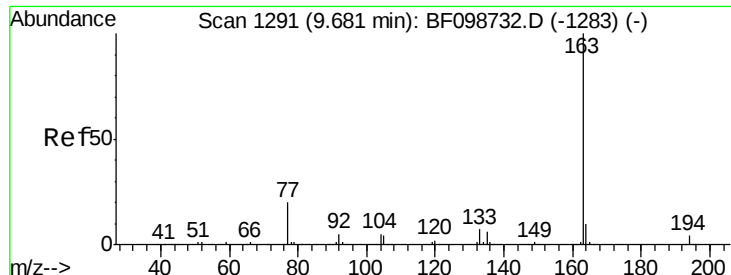
#44
 2-Fluorobiphenyl
 Concen: 76.37 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF099545.D
 Acq: 16 Oct 2017 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	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

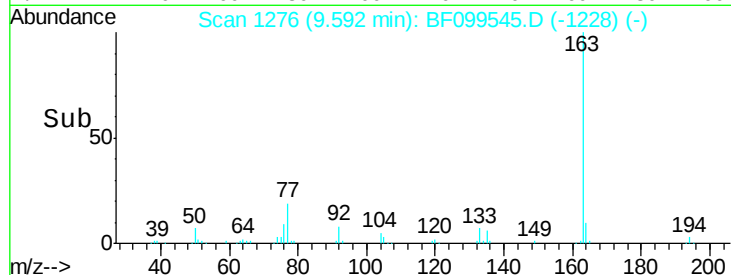
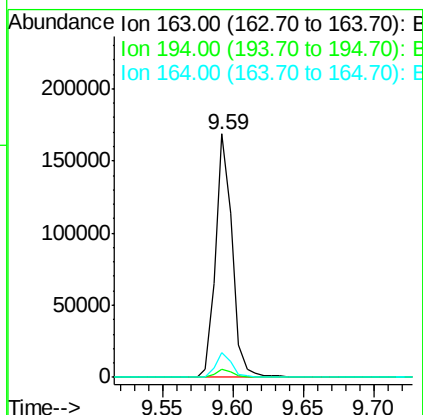
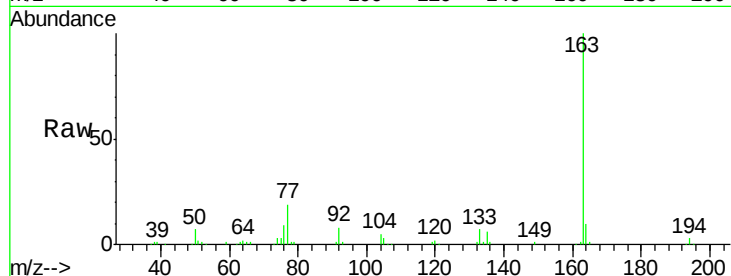




#49
Dimethylphthalate
Concen: 11.85 ng
RT: 9.59 min Scan# 1276
Delta R.T. -0.02 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

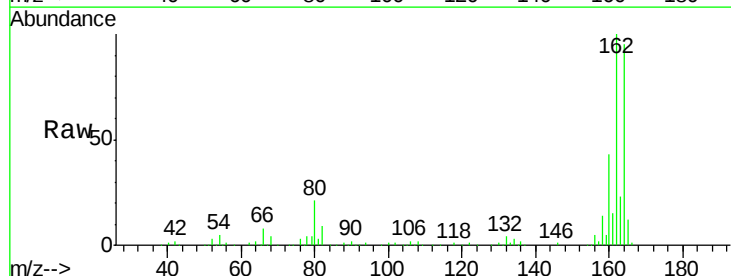
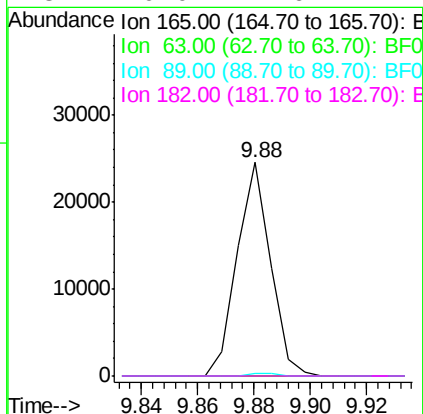
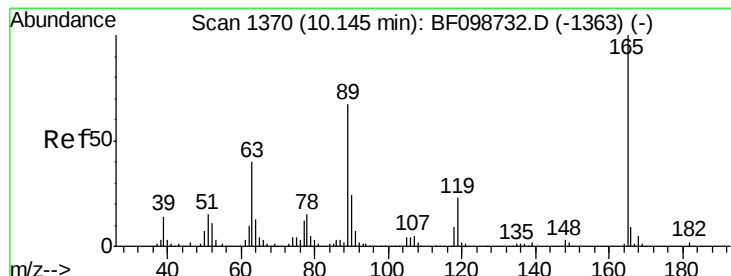
Instrument :
BNA_F
ClientSampleId :

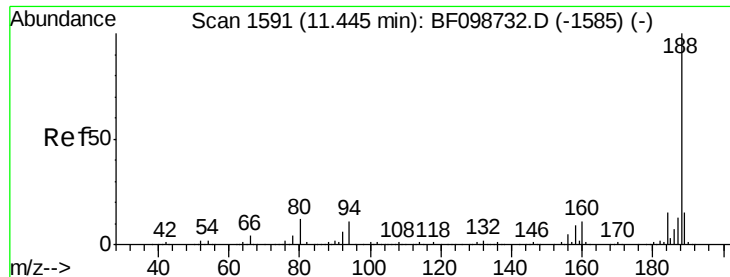
Tot Ion:163 Resp: 137442
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.2 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.21 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Tgt Ion:165 Resp: 20161
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#

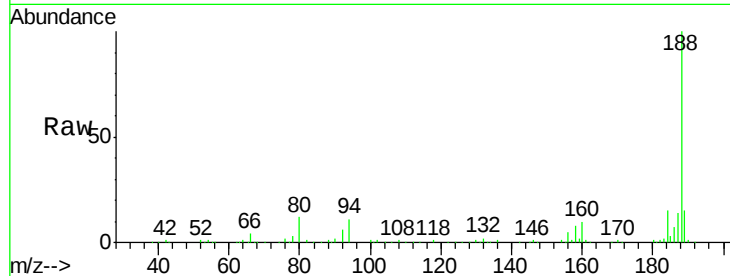




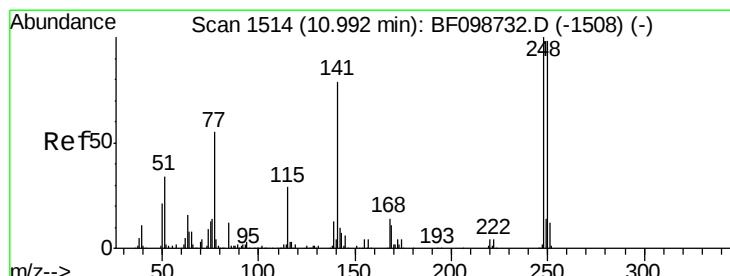
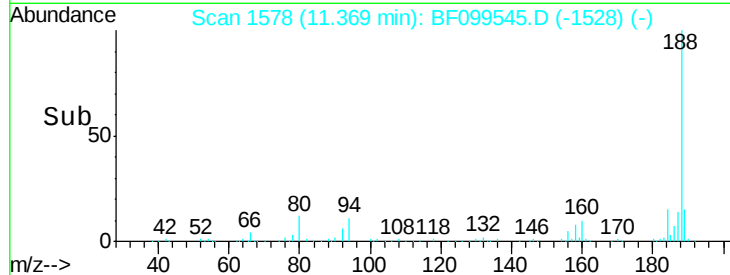
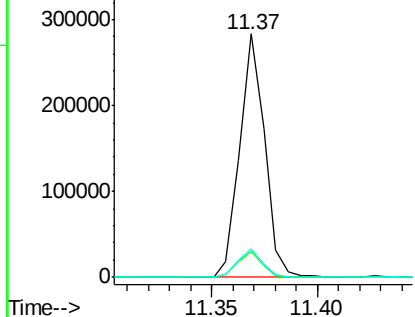
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 231686
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.8 9.2 13.8

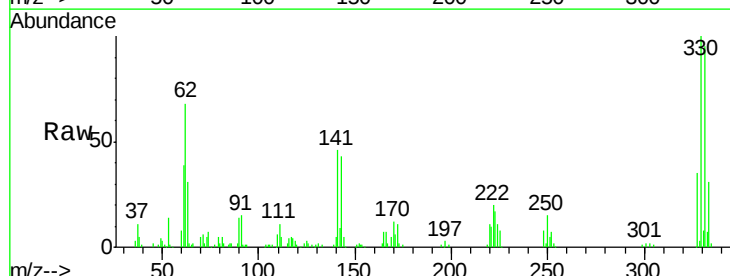


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

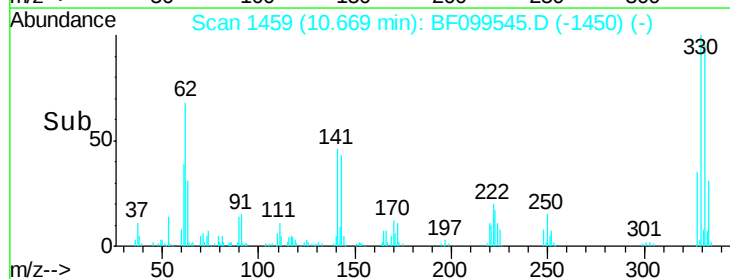
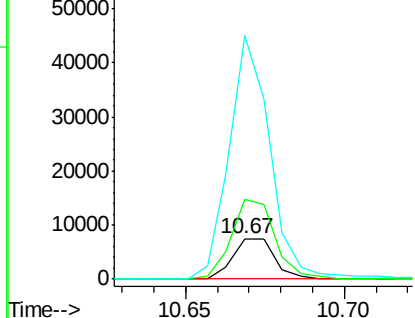


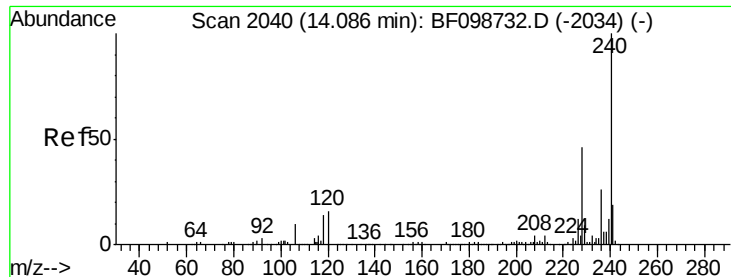
#66
4-Bromophenyl-phenylether
Concen: 3.00 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF099545.D
Acq: 16 Oct 2017 15:36

Tgt Ion:248 Resp: 6804
Ion Ratio Lower Upper
248 100
250 197.7 76.9 115.3#
141 601.4 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: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

Instrument :

BNA_F

ClientSampled :

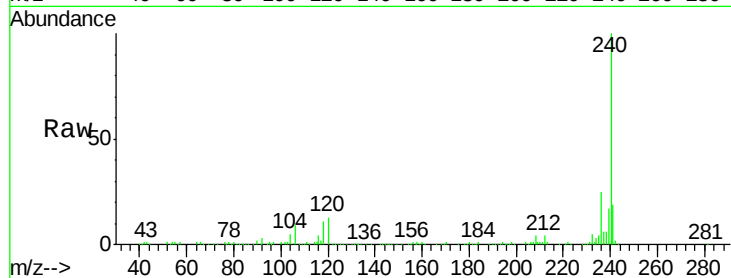
Tot Ion:240 Resp: 176747

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

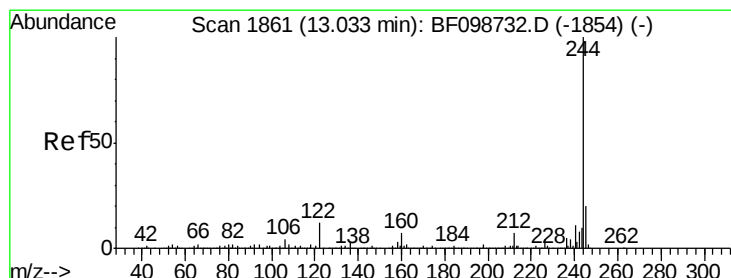
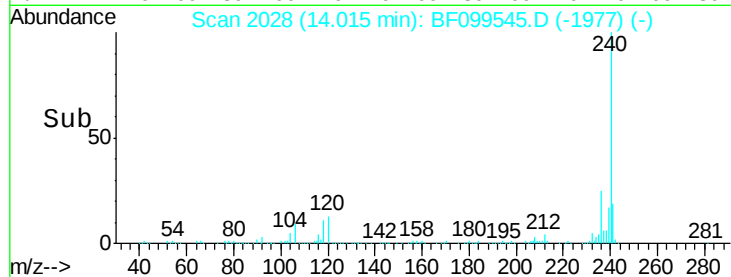
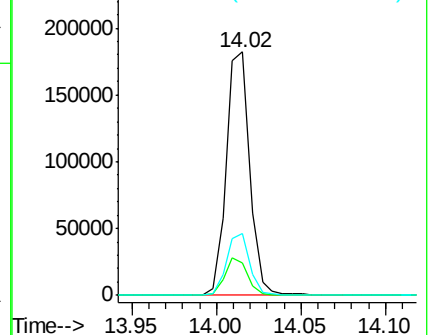
236 25.3 20.7 31.1



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: 58.50 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF099545.D

Acq: 16 Oct 2017 15:36

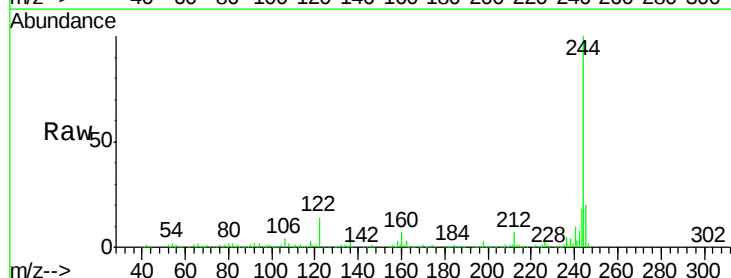
Tgt Ion:244 Resp: 454672

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

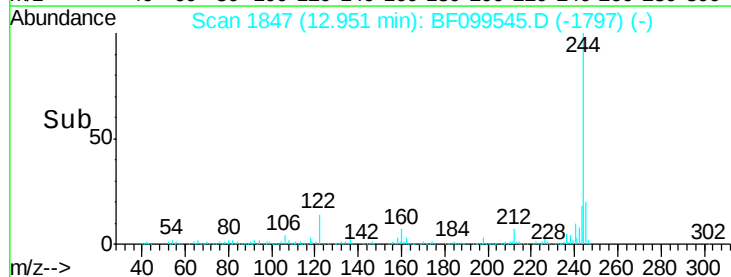
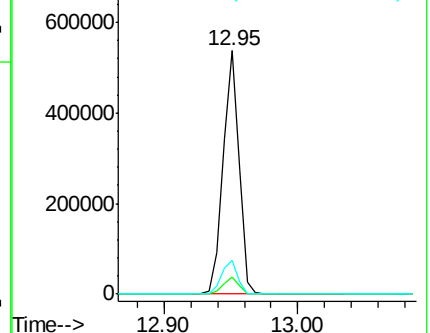
122 13.6 11.0 16.4

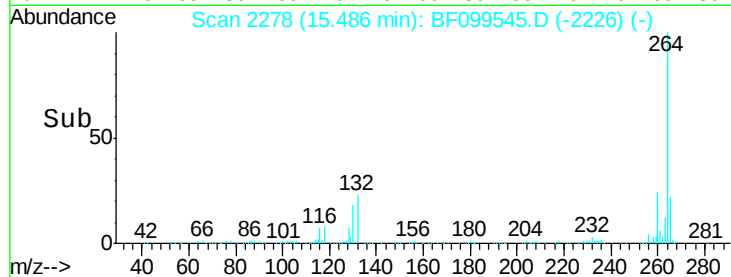
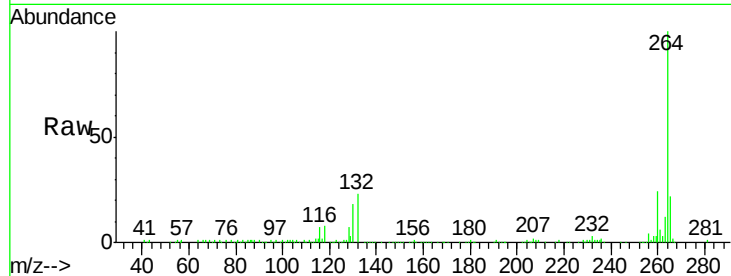
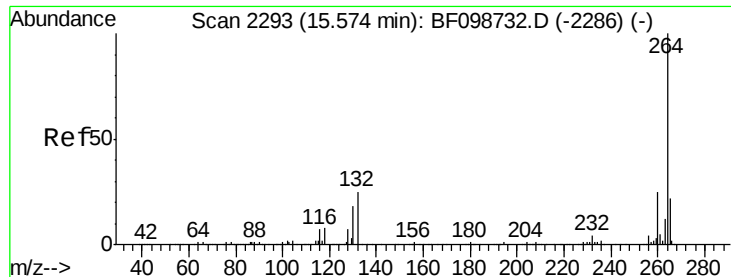


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF099545.D
 Acq: 16 Oct 2017 15:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	194831
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.6	17.5	26.3

