

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099829.D
 Acq On : 25 Oct 2017 22:39
 Operator : SJ/JU
 Sample : I6068-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 02:38:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

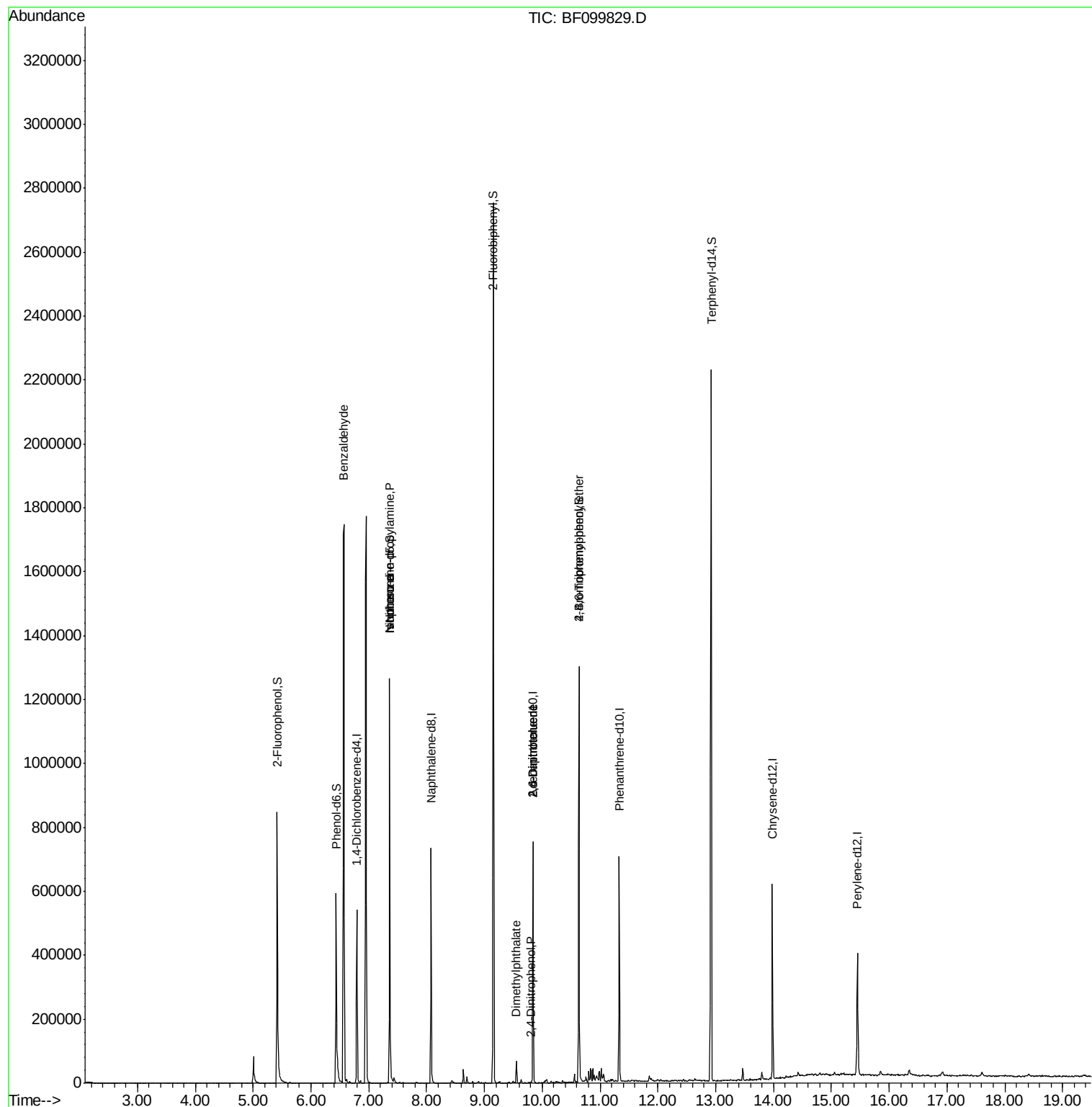
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	82136	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	337865	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	148953	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	266349	20.00	ng	0.00
75) Chrysene-d12	13.98	240	205487	20.00	ng	0.00
86) Perylene-d12	15.46	264	174417	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	329503	62.98	ng	0.00
7) Phenol-d6	6.43	99	246999	39.82	ng	0.00
23) Nitrobenzene-d5	7.36	82	447581	85.29	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	162411	119.65	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	873013	90.43	ng	0.00
78) Terphenyl-d14	12.92	244	755654	80.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	9402	2.536	ng	90
19) n-Nitroso-di-n-propylamine	7.36	70	55184	15.180	ng	# 73
25) Isophorone	7.36	82	447581	47.001	ng	# 64
49) Dimethylphthalate	9.55	163	28980	2.457	ng	98
50) 2,6-Dinitrotoluene	9.84	165	18660	7.525	ng	# 25
53) 2,4-Dinitrophenol	9.80	184	109	5.865	ng	# 16
56) 2,4-Dinitrotoluene	9.84	165	18660	6.248	ng	# 22
66) 4-Bromophenyl-phenylether	10.63	248	9929	3.541	ng	# 1

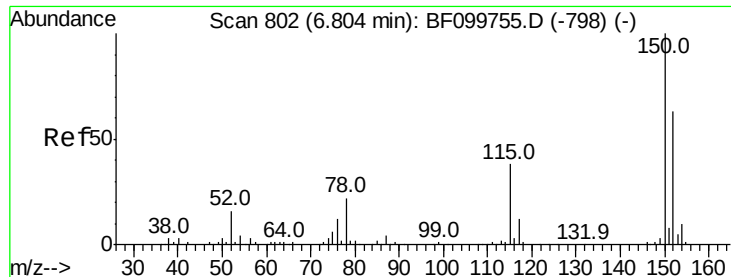
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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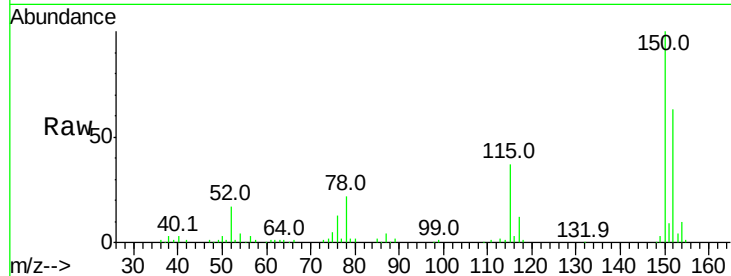


#1

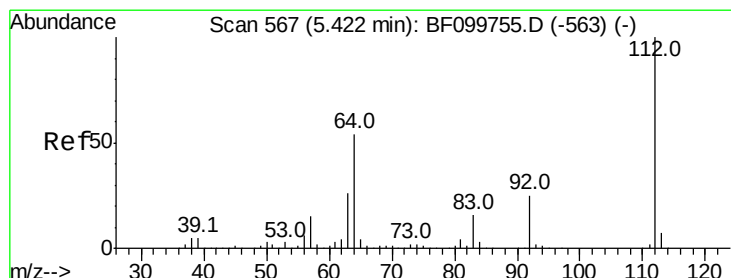
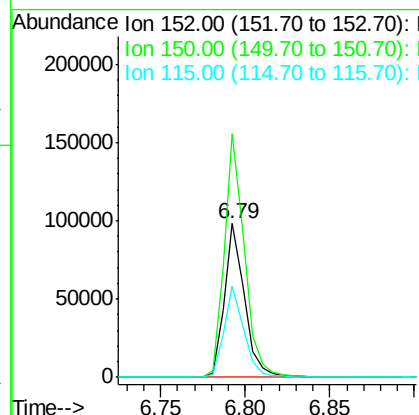
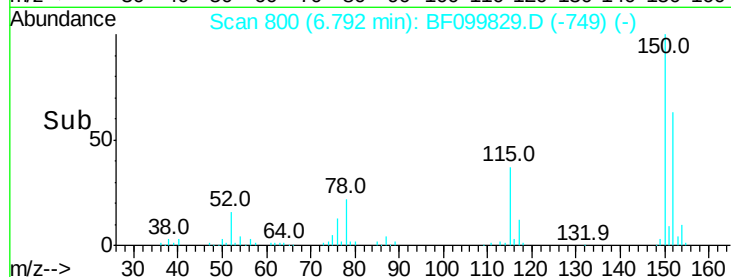
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099829.D
Acq: 25 Oct 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82136
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 59.2 50.1 75.1



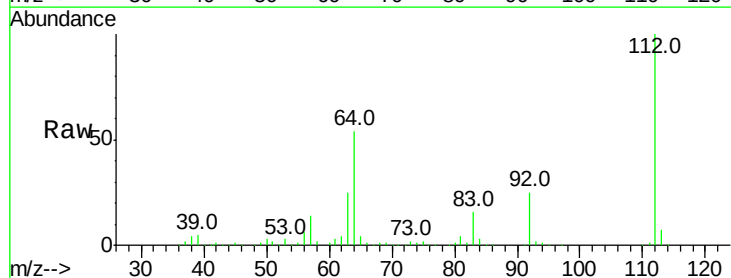
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



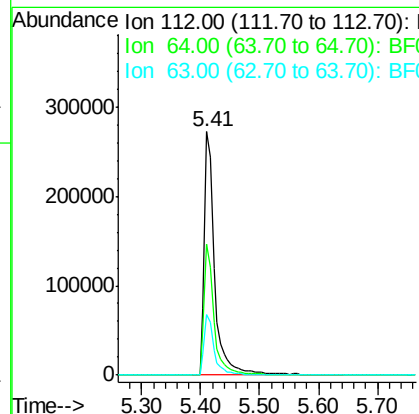
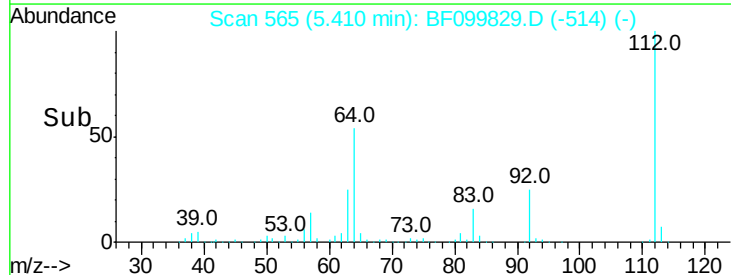
#5

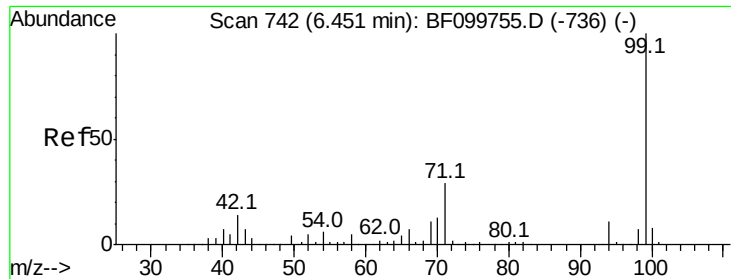
2-Fluorophenol
Concen: 62.982 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF099829.D
Acq: 25 Oct 2017 22:39

Tgt Ion:112 Resp: 329503
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 24.9 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: 39.817 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099829.D

Acq: 25 Oct 2017 22:39

Instrument :

BNA_F

ClientSampleId :

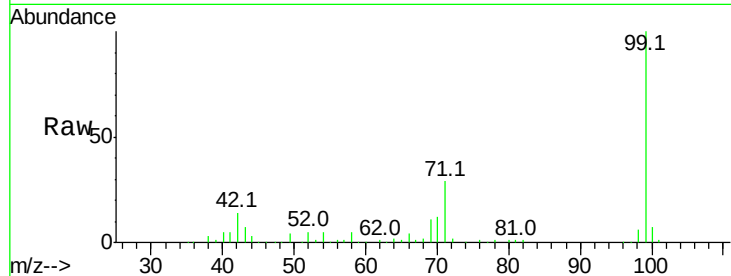
Tot Ion: 99 Resp: 246999

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

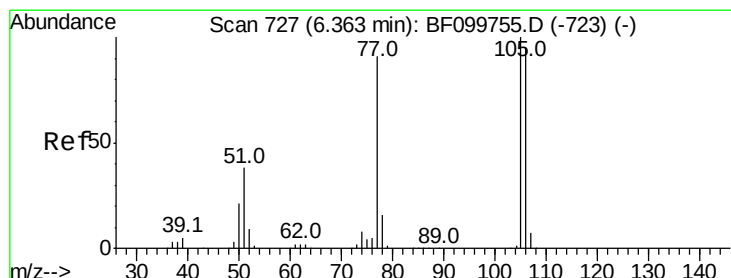
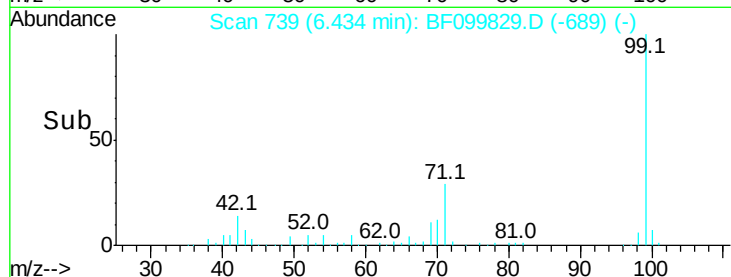
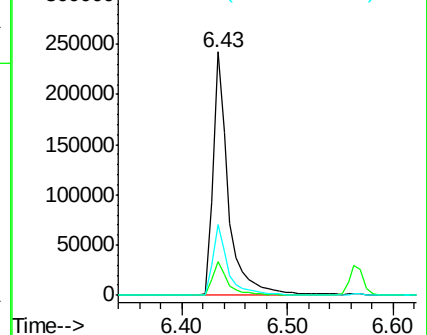
71 29.0 25.4 38.0



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: 2.536 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF099829.D

Acq: 25 Oct 2017 22:39

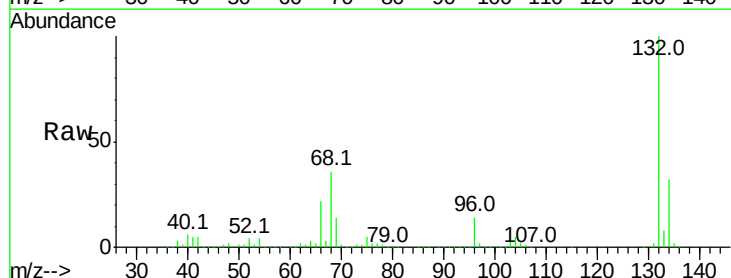
Tgt Ion: 77 Resp: 9402

Ion Ratio Lower Upper

77 100

105 91.6 81.1 121.1

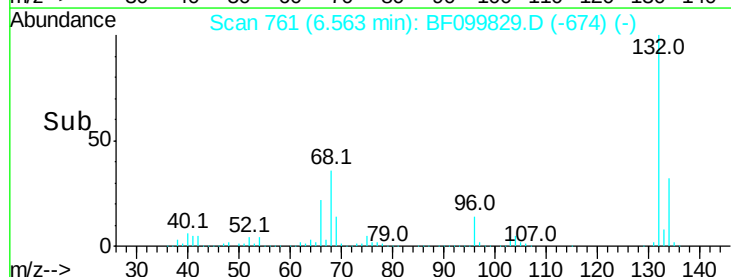
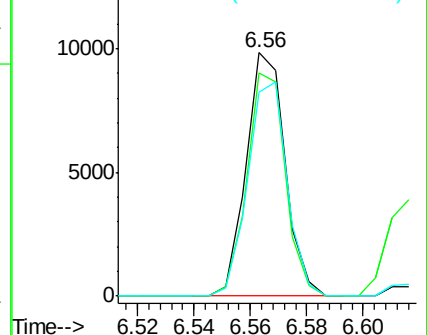
106 83.5 74.5 114.5

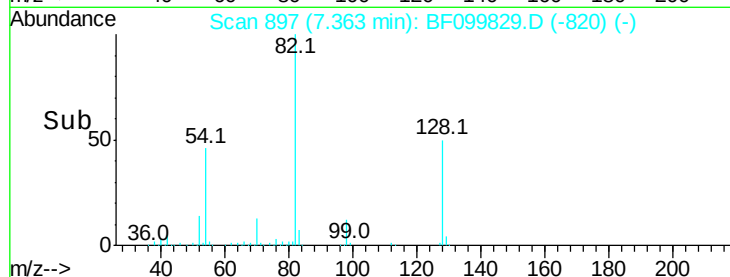
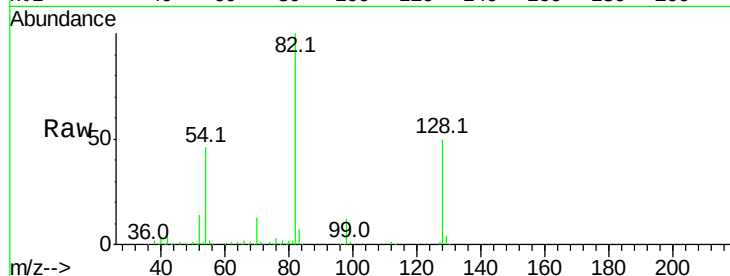
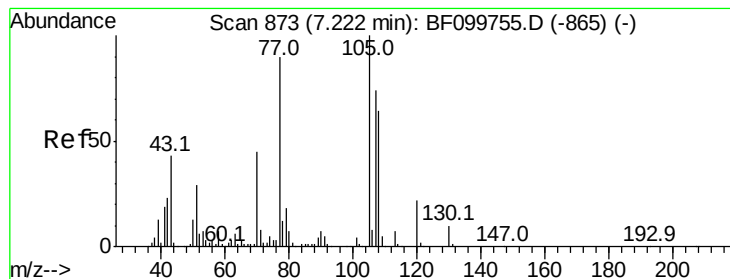


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 15.180 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099829.D

Acq: 25 Oct 2017 22:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 55184

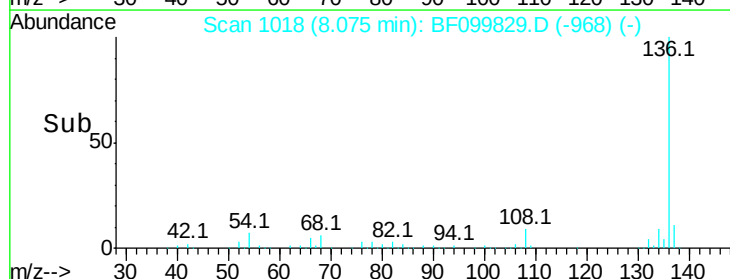
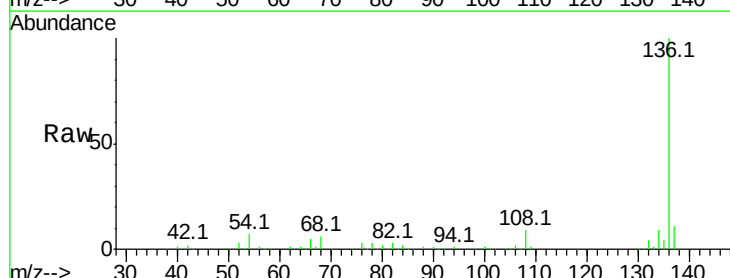
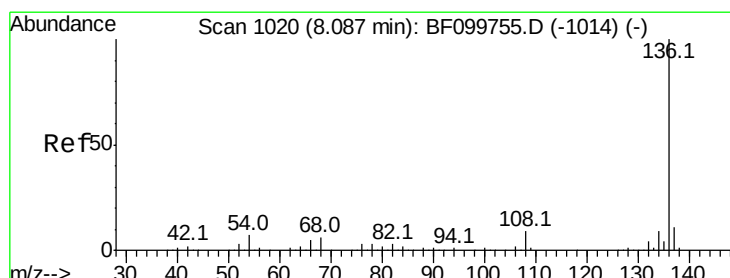
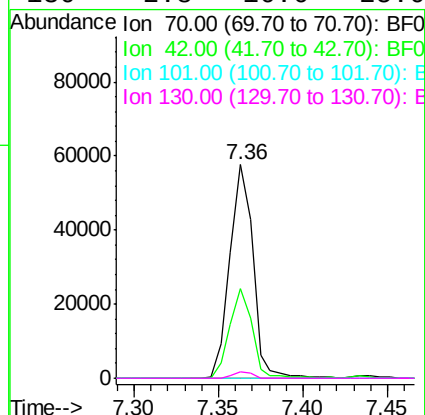
Ion Ratio Lower Upper

70 100

42 41.7 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: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF099829.D

Acq: 25 Oct 2017 22:39

Tgt Ion: 136 Resp: 337865

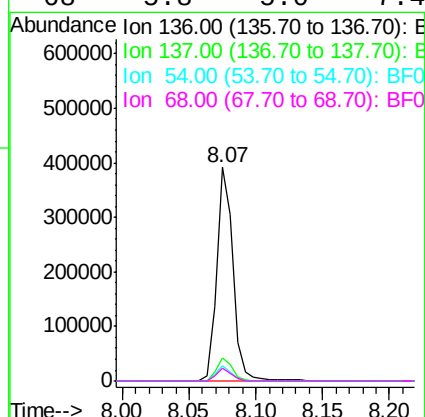
Ion Ratio Lower Upper

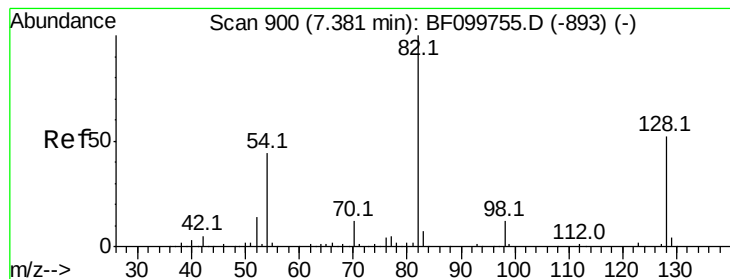
136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 85.287 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099829.D

Acq: 25 Oct 2017 22:39

Instrument :

BNA_F

ClientSampleId :

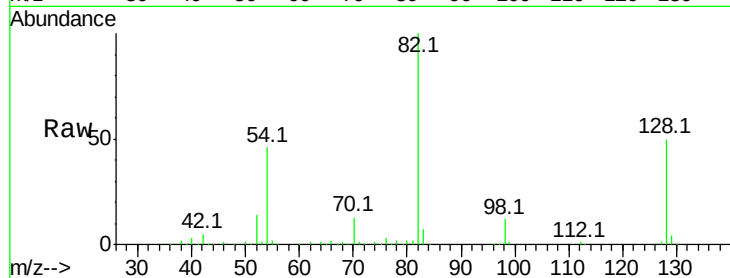
Tot Ion: 82 Resp: 447581

Ion Ratio Lower Upper

82 100

128 49.7 36.1 54.1

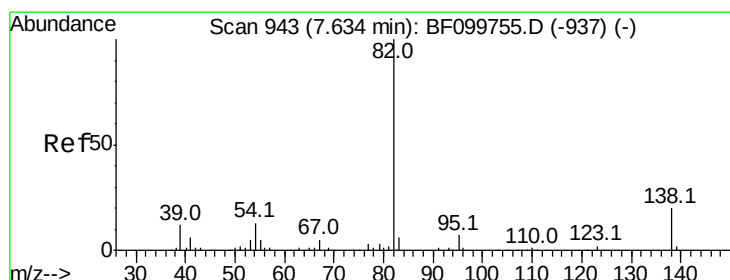
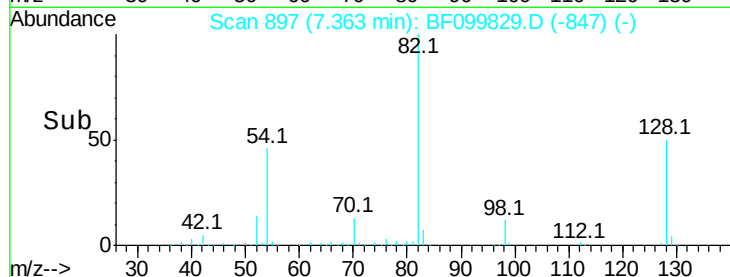
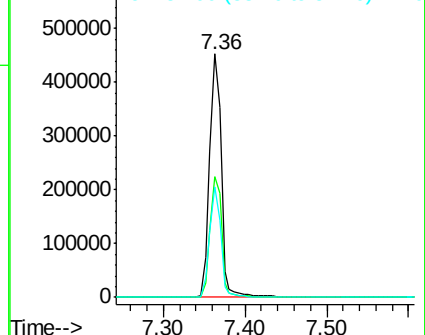
54 45.6 41.4 62.2



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: 47.001 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099829.D

Acq: 25 Oct 2017 22:39

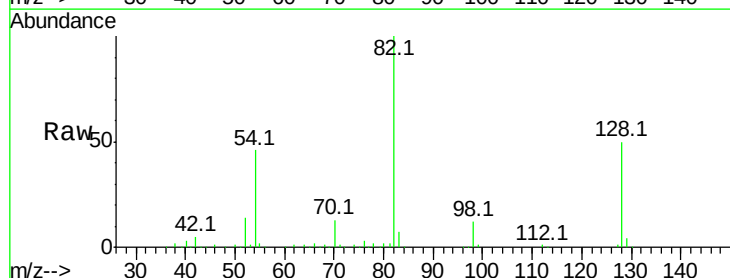
Tgt Ion: 82 Resp: 447581

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

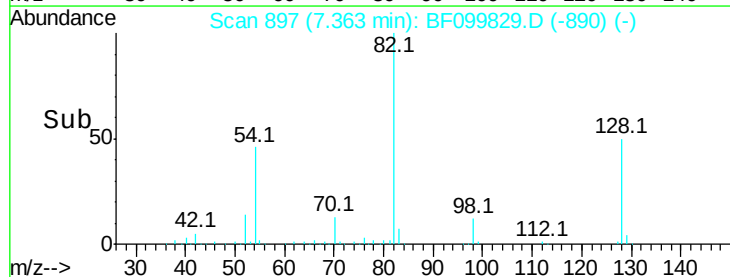
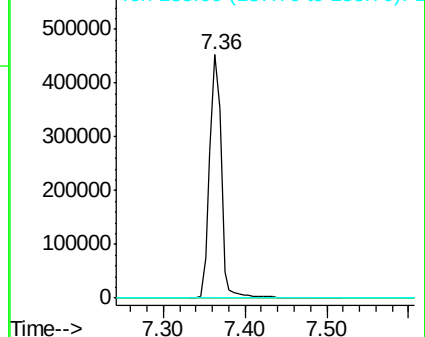
138 0.0 14.9 22.3#

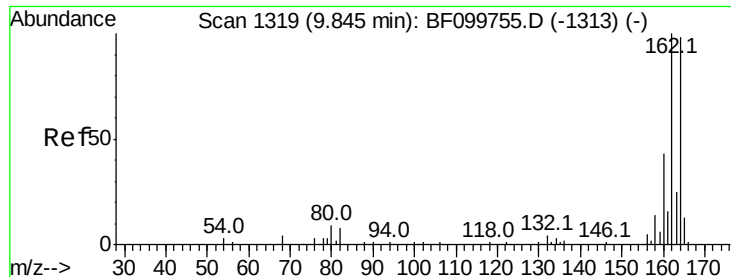


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

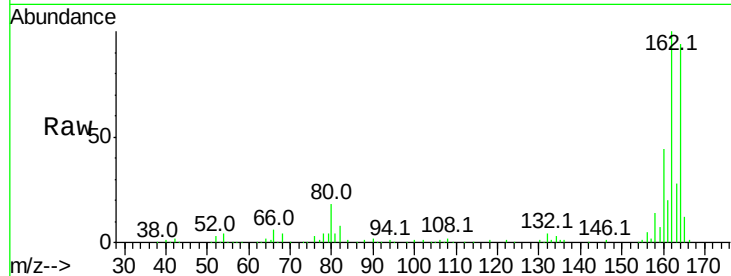




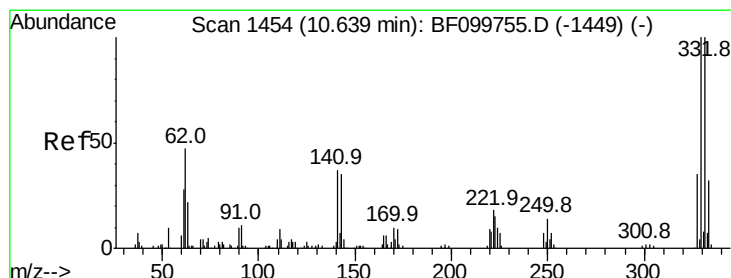
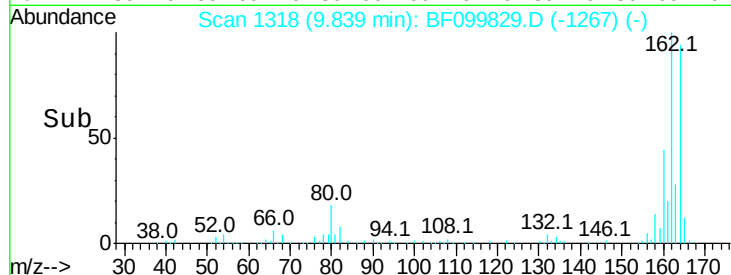
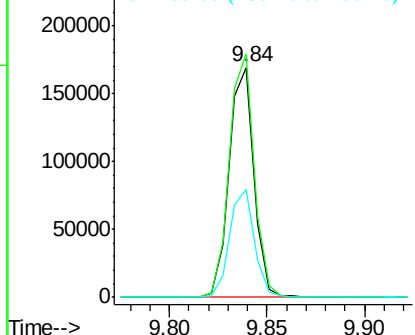
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099829.D
Acq: 25 Oct 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 148953
Ion Ratio Lower Upper
164 100
162 106.1 86.1 129.1
160 47.1 38.3 57.5

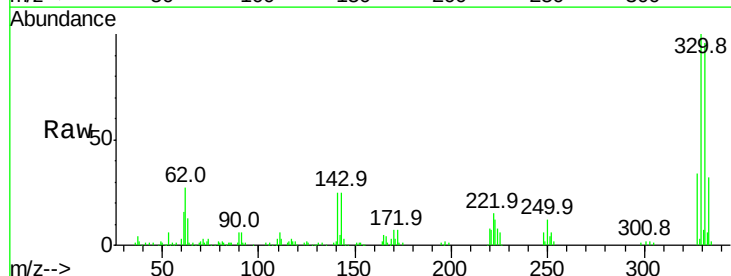


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

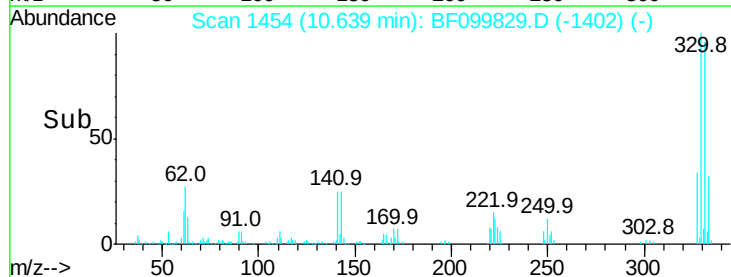
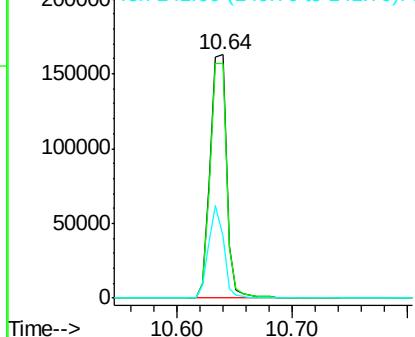


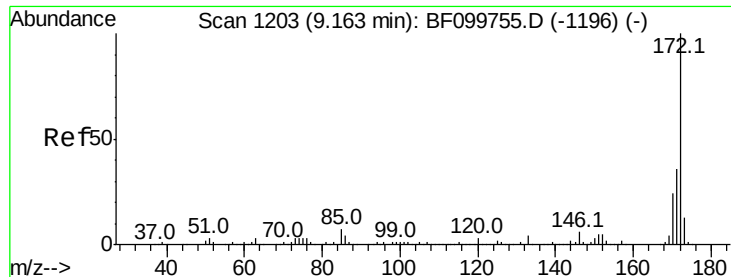
#41
2,4,6-Tribromophenol
Concen: 119.646 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF099829.D
Acq: 25 Oct 2017 22:39

Tgt Ion:330 Resp: 162411
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 35.0 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

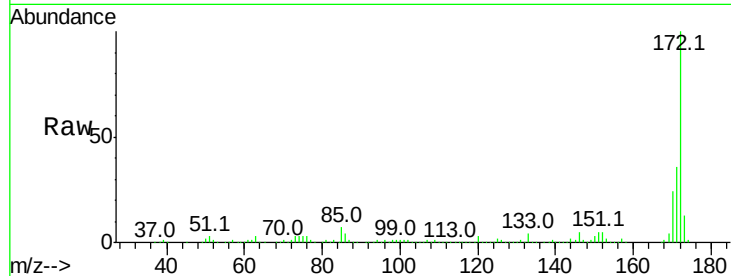




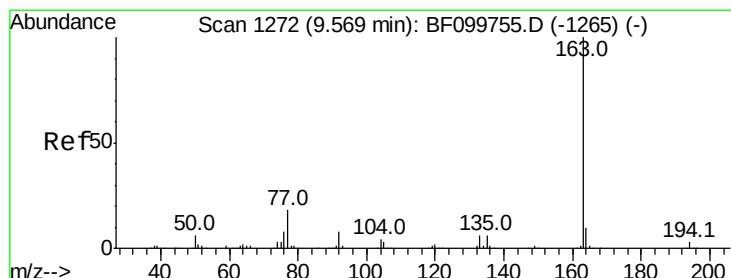
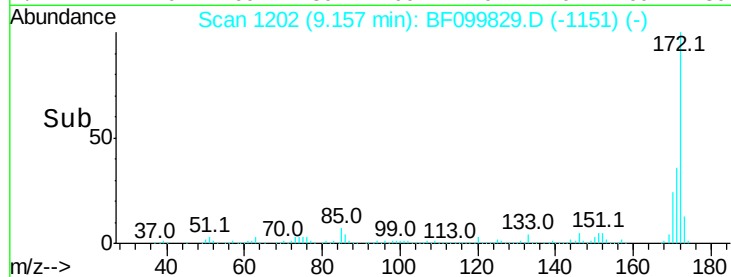
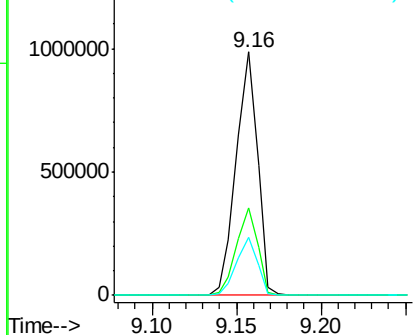
#44
2-Fluorobiphenyl
Concen: 90.426 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099829.D
Acq: 25 Oct 2017 22:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	23.6	19.6	29.4

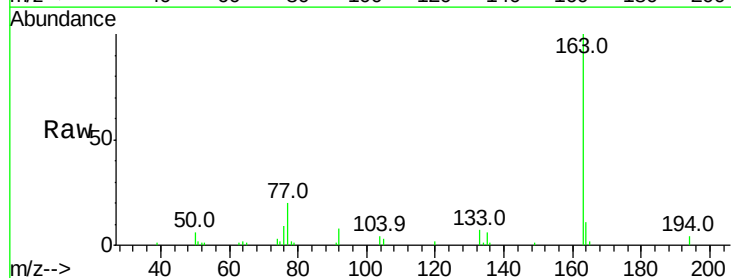


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

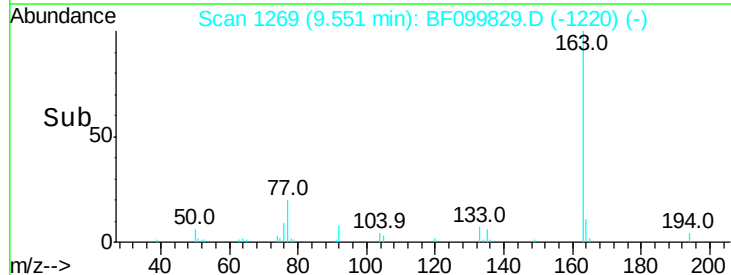
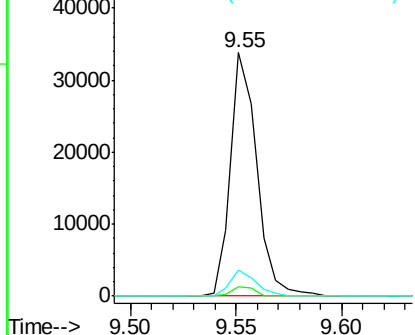


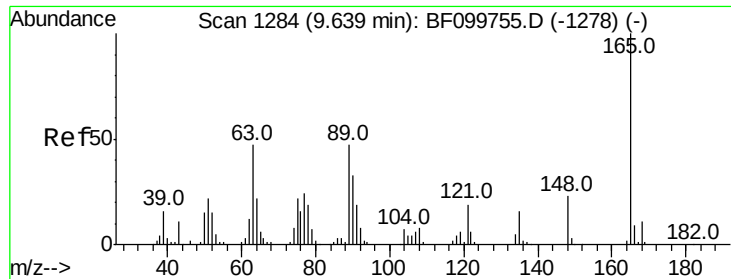
#49
Dimethylphthalate
Concen: 2.457 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099829.D
Acq: 25 Oct 2017 22:39

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.8	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

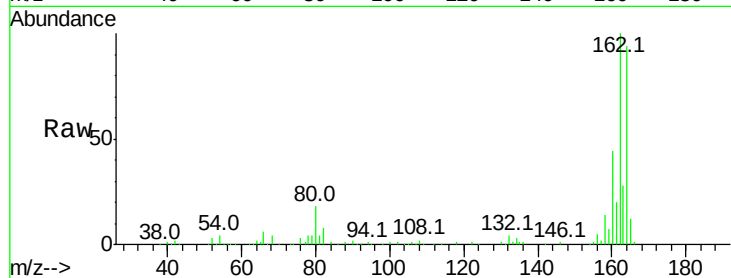




#50
 2,6-Dinitrotoluene
 Concen: 7.525 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF099829.D
 Acq: 25 Oct 2017 22:39

Instrument :
 BNA_F
 ClientSampleId :

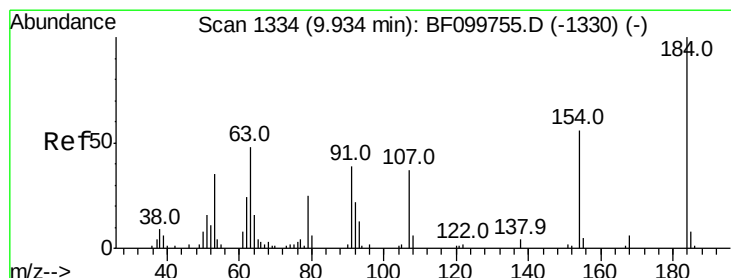
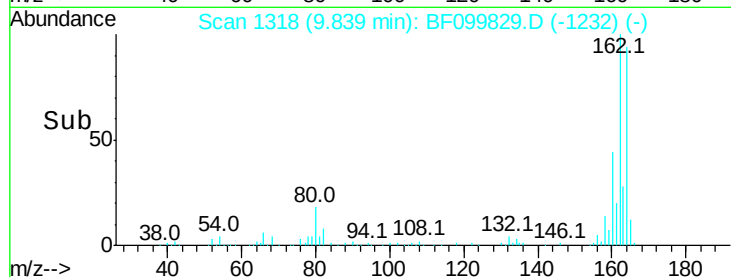
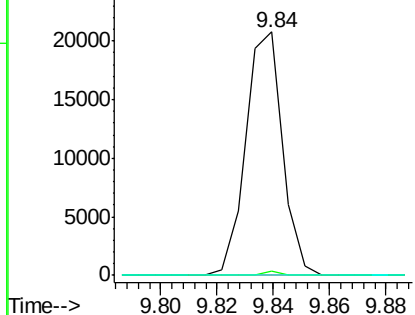
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

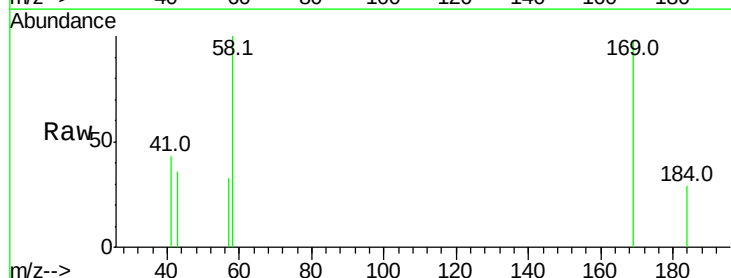
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#53
 2,4-Dinitrophenol
 Concen: 5.865 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.12 min
 Lab File: BF099829.D
 Acq: 25 Oct 2017 22:39

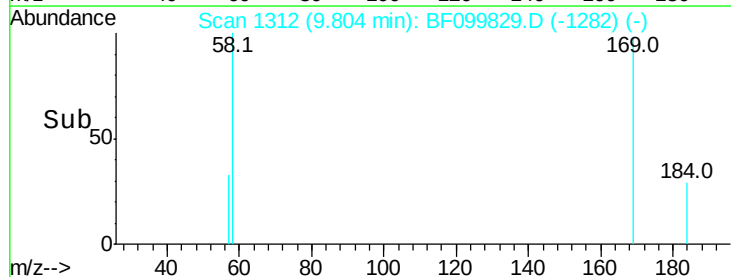
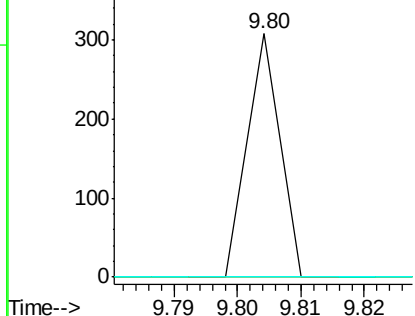
Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	54.2	81.2#
154	0.0	53.5	80.3#

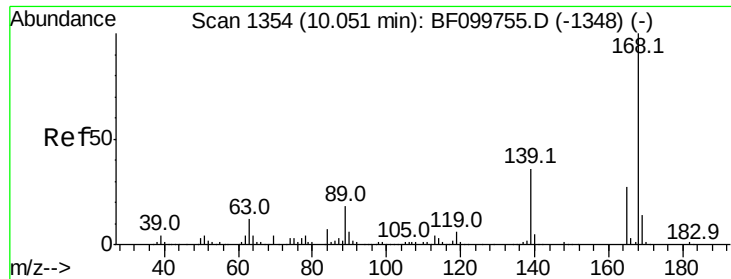


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

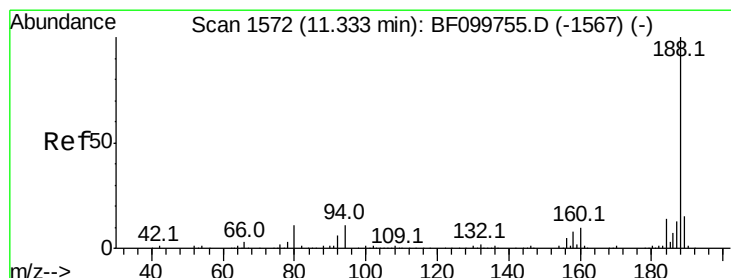
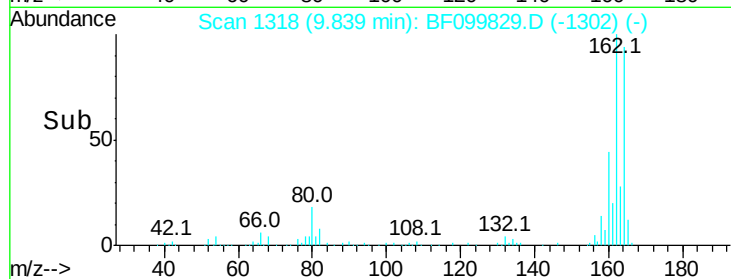
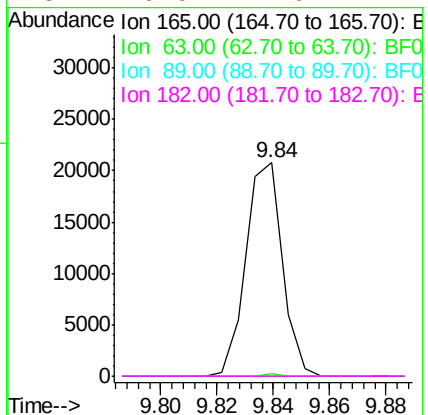
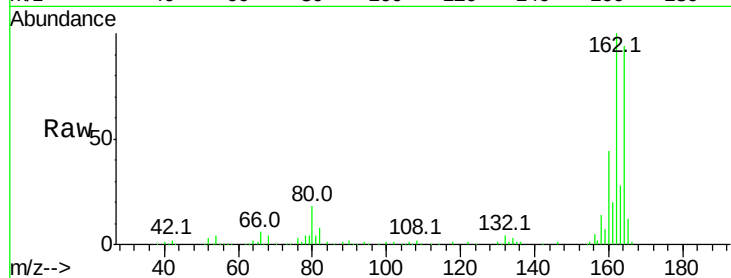




#56
 2,4-Dinitrotoluene
 Concen: 6.248 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099829.D
 Acq: 25 Oct 2017 22:39

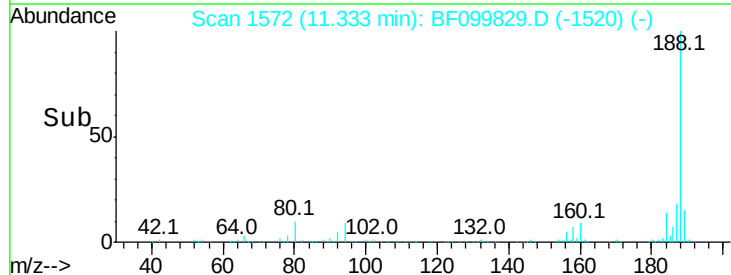
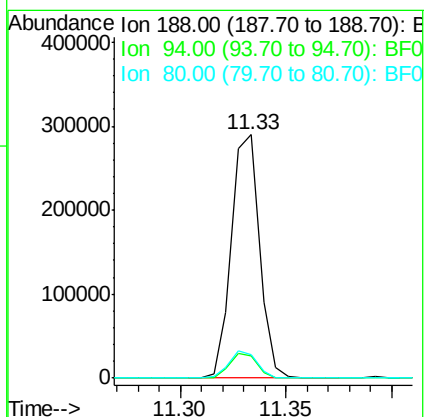
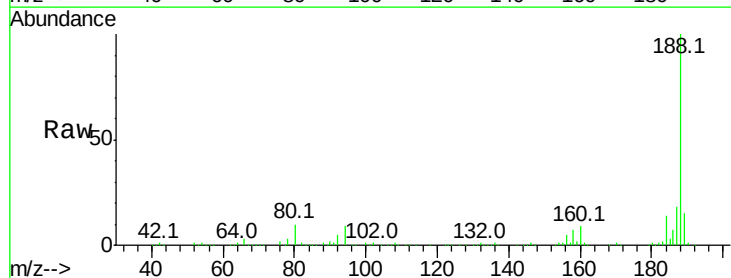
Instrument :
 BNA_F
 ClientSampleId :

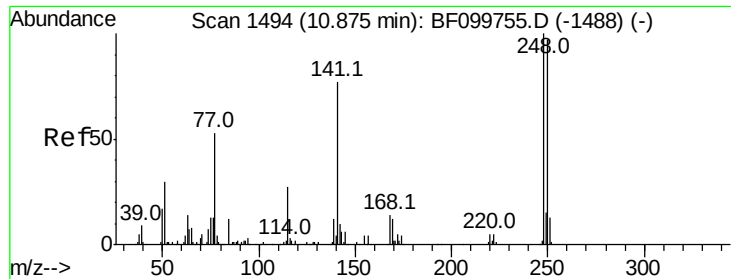
Tot Ion:165 Resp: 18660
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.01 min
 Lab File: BF099829.D
 Acq: 25 Oct 2017 22:39

Tgt Ion:188 Resp: 266349
 Ion Ratio Lower Upper
 188 100
 94 9.0 8.5 12.7
 80 9.6 9.2 13.8

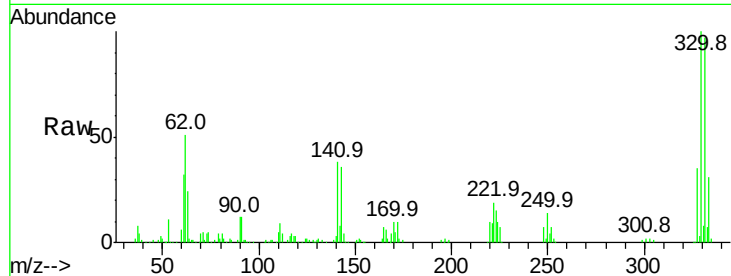




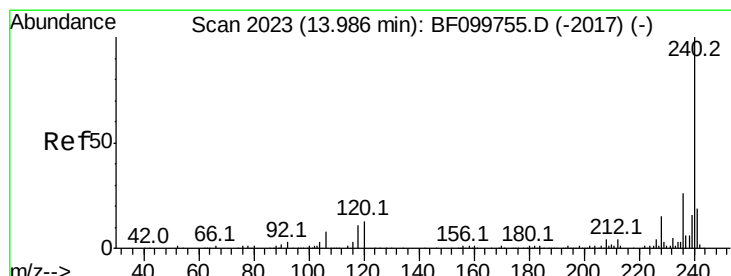
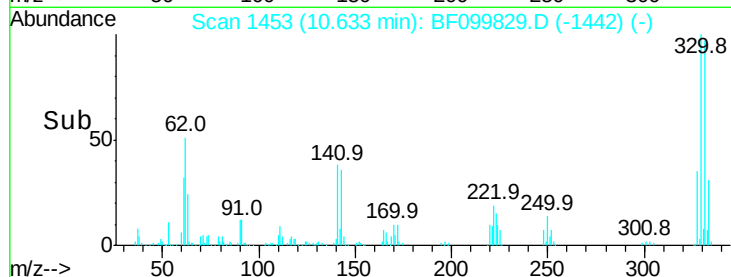
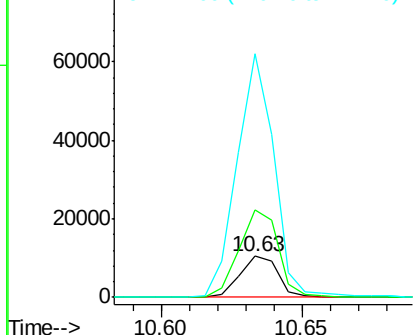
#66
4-Bromophenyl-phenylether
Concen: 3.541 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099829.D
Acq: 25 Oct 2017 22:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9929
Ion Ratio Lower Upper
248 100
250 211.7 76.9 115.3#
141 590.1 74.4 111.6#

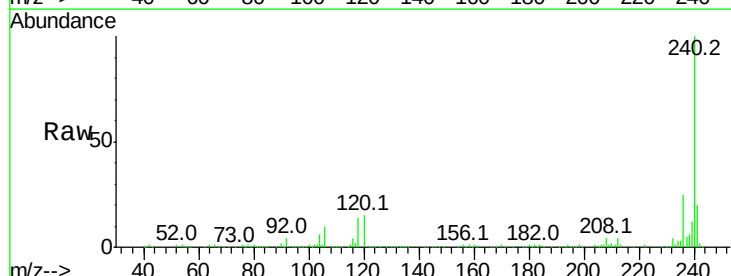


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

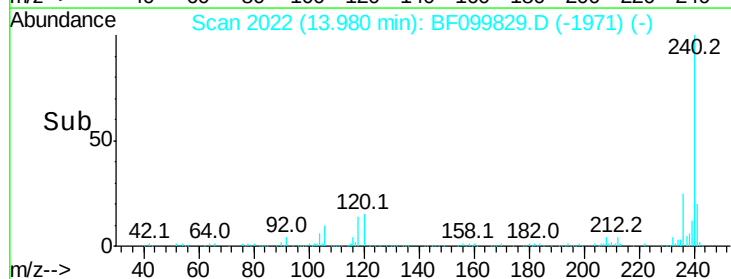
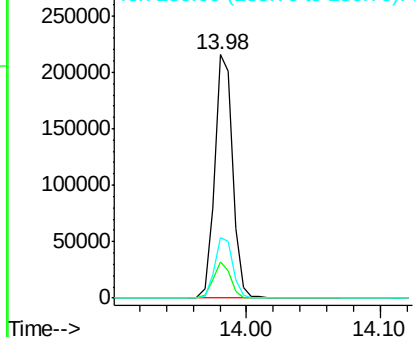


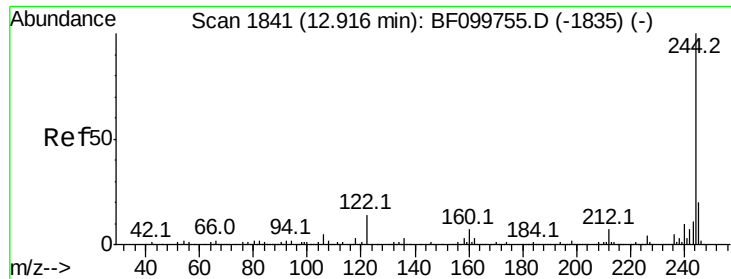
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BF099829.D
Acq: 25 Oct 2017 22:39

Tgt Ion:240 Resp: 205487
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 24.8 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

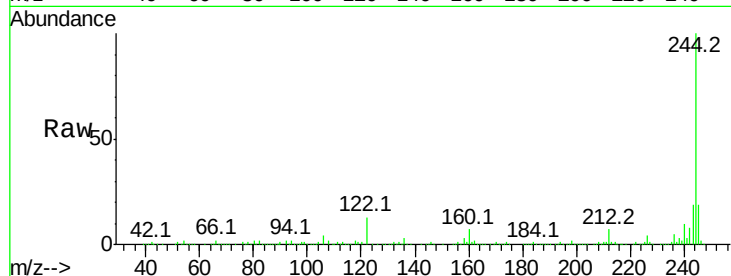




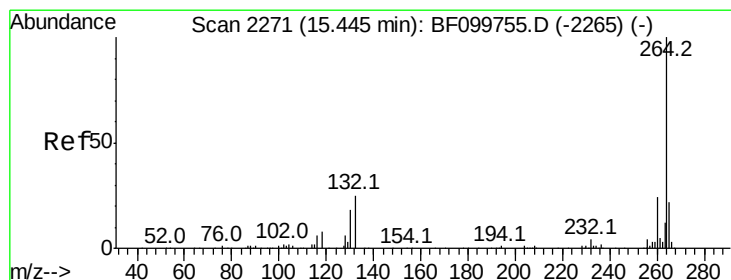
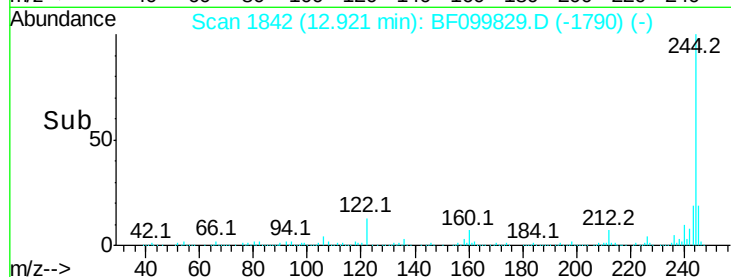
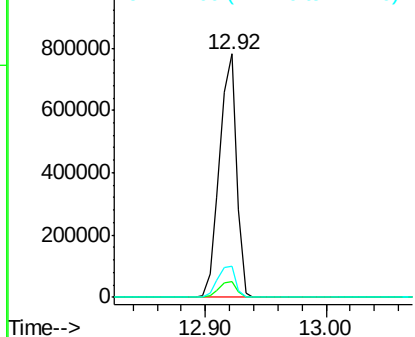
#78
 Terphenyl-d14
 Concen: 80.364 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF099829.D
 Acq: 25 Oct 2017 22:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 755654
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 12.9 11.0 16.4

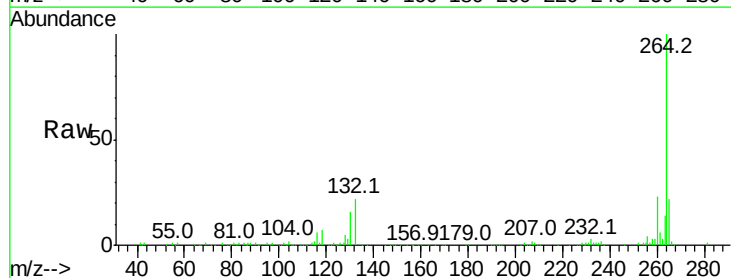


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099829.D
 Acq: 25 Oct 2017 22:39

Tgt Ion:264 Resp: 174417
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.7 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

