

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099868.D
 Acq On : 26 Oct 2017 18:26
 Operator : SJ/JU
 Sample : I6078-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 19:02:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 16:31:52 2017
 Response via : Initial Calibration

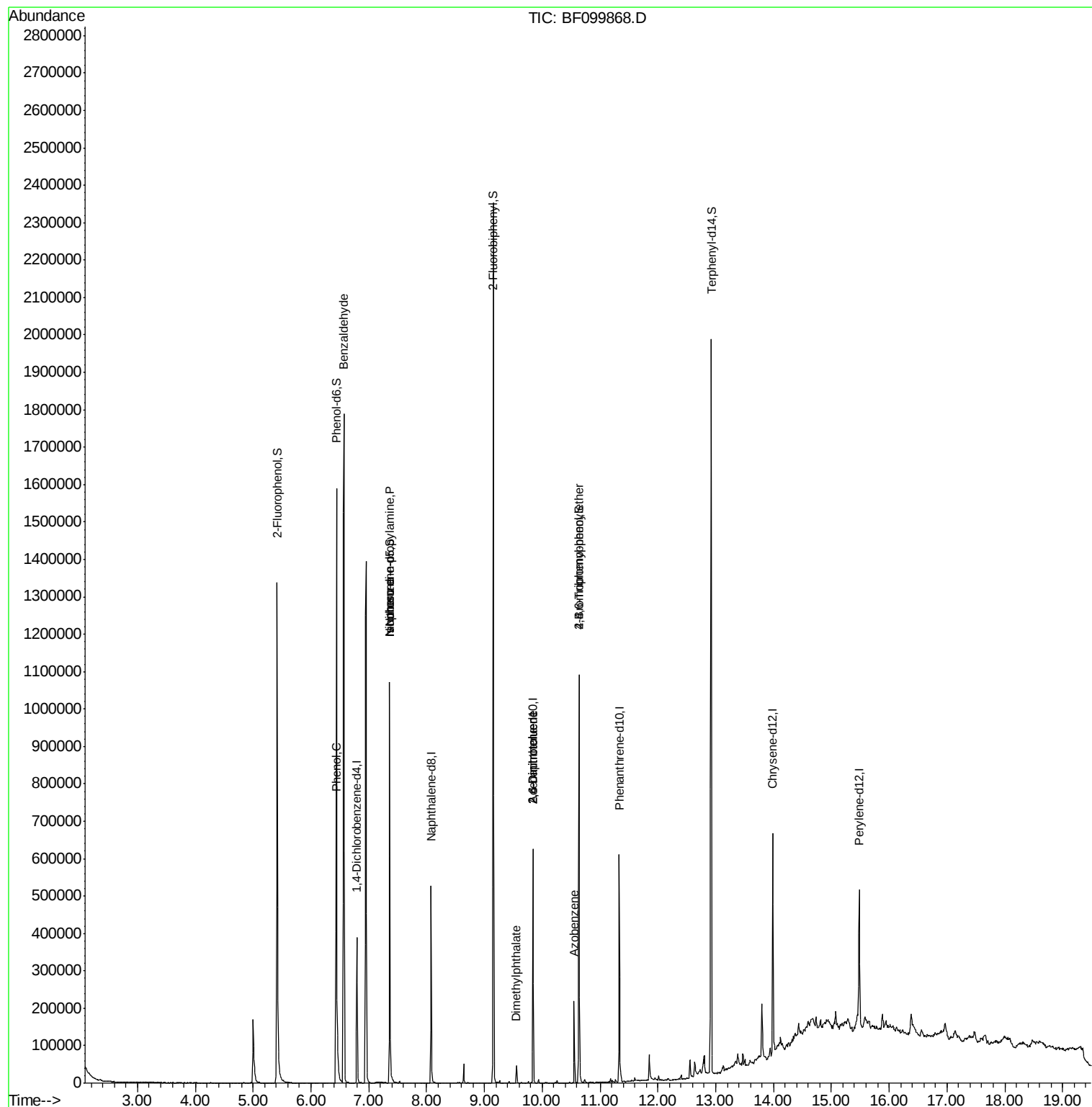
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	61557	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	259673	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	117478	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	211170	20.00	ng	0.00
75) Chrysene-d12	13.99	240	184354	20.00	ng	0.00
86) Perylene-d12	15.48	264	170695	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	501396	127.88	ng	0.00
7) Phenol-d6	6.44	99	609375	131.07	ng	0.00
23) Nitrobenzene-d5	7.36	82	345863	85.75	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	138665	129.52	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	709399	93.17	ng	0.00
78) Terphenyl-d14	12.92	244	648424	76.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	9535	3.432	ng	86
10) Phenol	6.45	94	30742	6.023	ng	95
19) n-Nitroso-di-n-propylamine	7.36	70	42186	15.484	ng	# 72
25) Isophorone	7.36	82	345863	47.256	ng	# 64
49) Dimethylphthalate	9.56	163	23919	2.571	ng	99
50) 2,6-Dinitrotoluene	9.84	165	14977	7.658	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	14977	6.359	ng	# 21
62) Azobenzene	10.55	77	38986	5.119	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	9124	4.104	ng	# 1

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
Data File : BF099868.D
Acq On : 26 Oct 2017 18:26
Operator : SJ/JU
Sample : I6078-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 26 19:02:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 26 16:31:52 2017
Response via : Initial Calibration



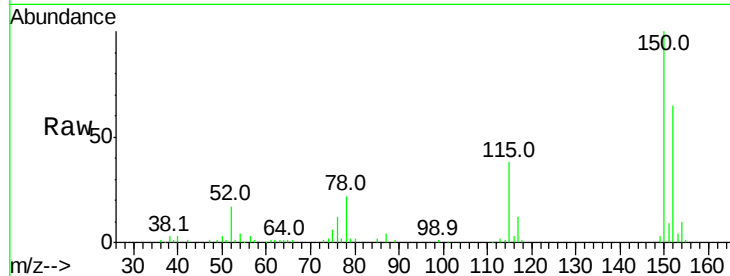


#1

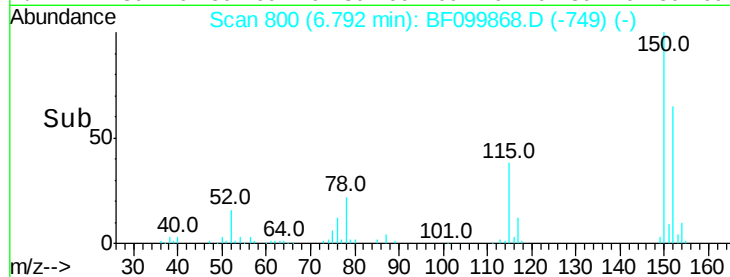
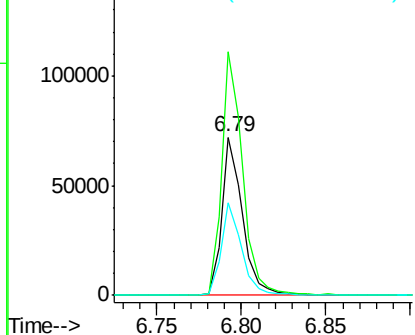
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099868.D
 Acq: 26 Oct 2017 18:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 61557
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.6 186.8
 115 58.6 50.1 75.1



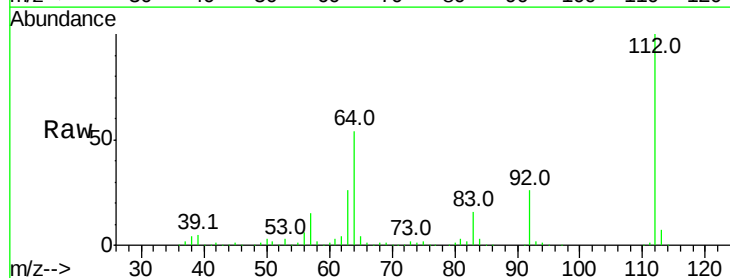
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



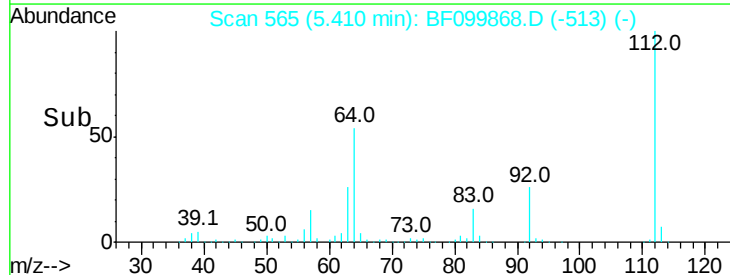
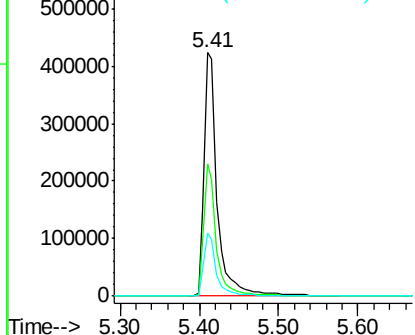
#5

2-Fluorophenol
 Concen: 127.877 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF099868.D
 Acq: 26 Oct 2017 18:26

Tgt Ion:112 Resp: 501396
 Ion Ratio Lower Upper
 112 100
 64 54.4 47.9 71.9
 63 26.1 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: 131.074 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF099868.D

Acq: 26 Oct 2017 18:26

Instrument :

BNA_F

ClientSampleId :

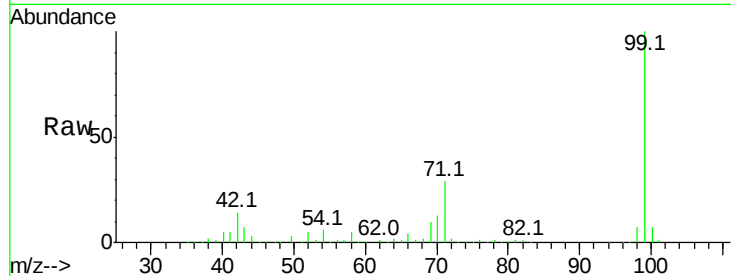
Tot Ion: 99 Resp: 609375

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

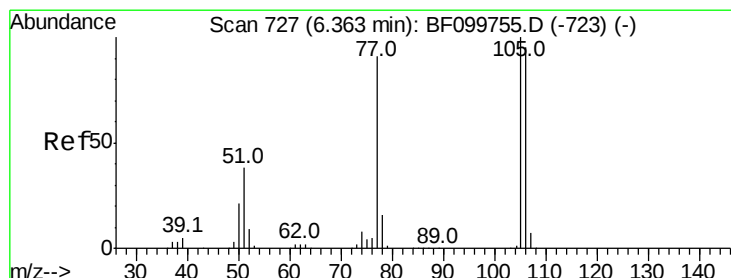
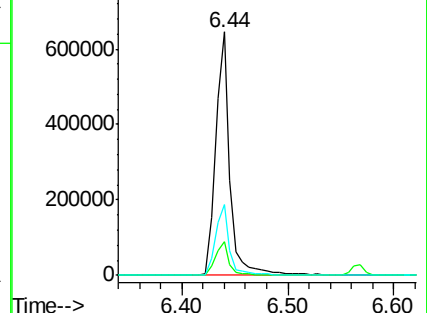
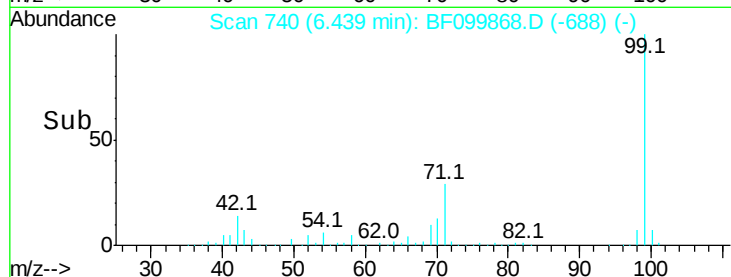
71 28.9 25.4 38.0



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: 3.432 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.22 min

Lab File: BF099868.D

Acq: 26 Oct 2017 18:26

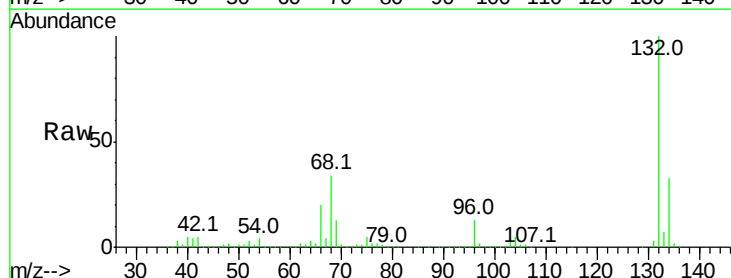
Tgt Ion: 77 Resp: 9535

Ion Ratio Lower Upper

77 100

105 82.8 81.1 121.1

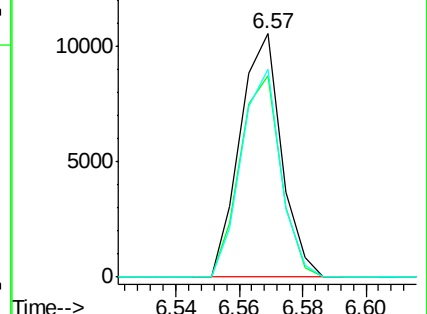
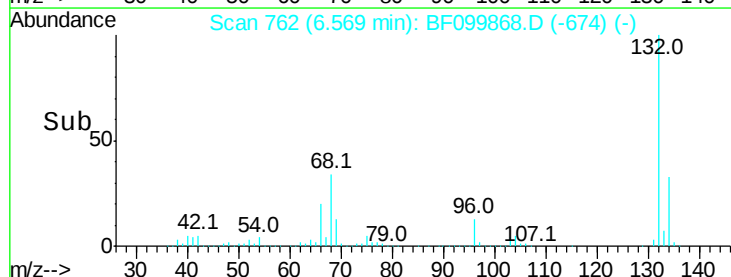
106 85.3 74.5 114.5

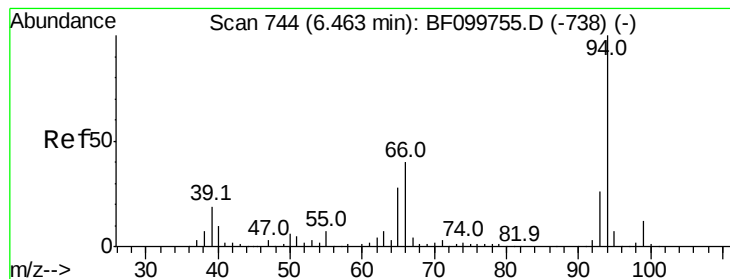


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.023 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099868.D

Acq: 26 Oct 2017 18:26

Instrument :

BNA_F

ClientSampleId :

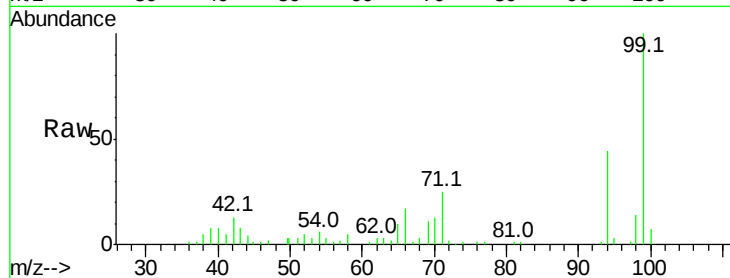
Tot Ion: 94 Resp: 30742

Ion Ratio Lower Upper

94 100

65 23.6 7.9 47.9

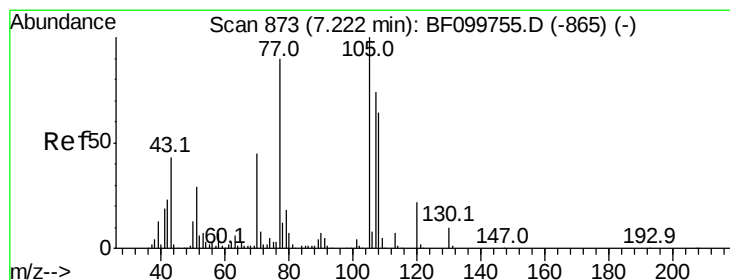
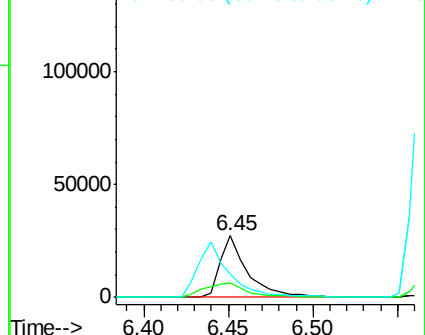
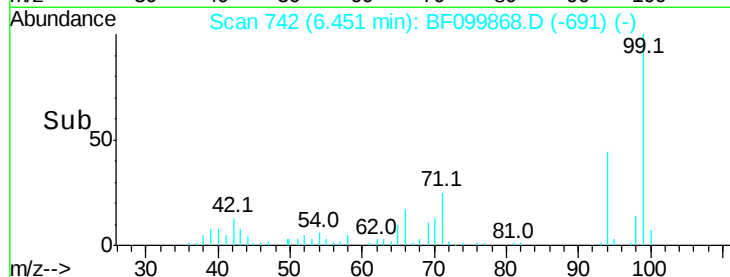
66 38.1 16.2 56.2



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: 15.484 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099868.D

Acq: 26 Oct 2017 18:26

Tgt Ion: 70 Resp: 42186

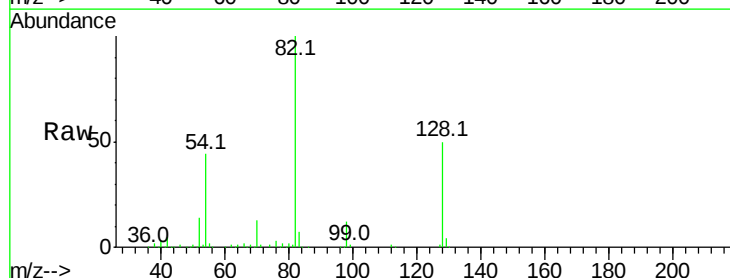
Ion Ratio Lower Upper

70 100

42 40.2 47.5 71.3#

101 0.0 7.4 11.2#

130 3.1 16.6 25.0#

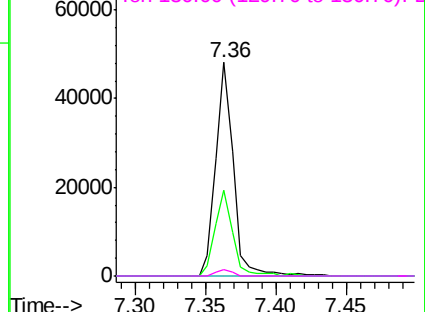
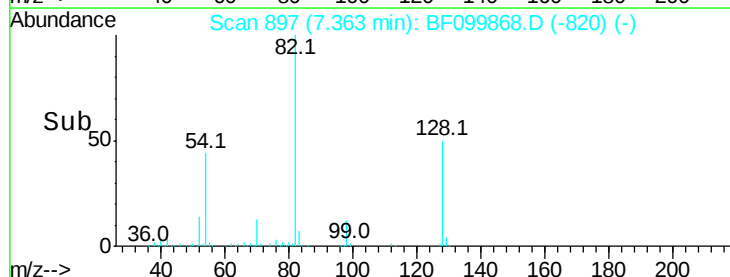


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

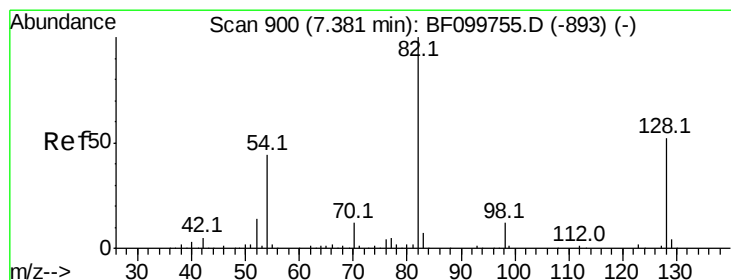
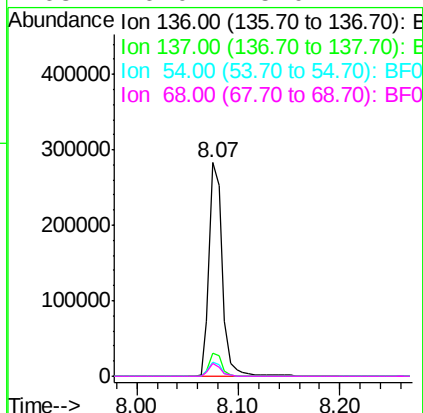
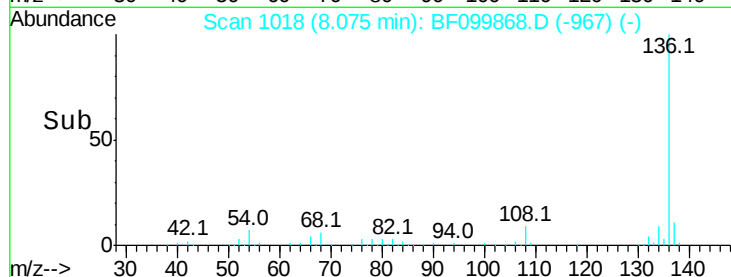
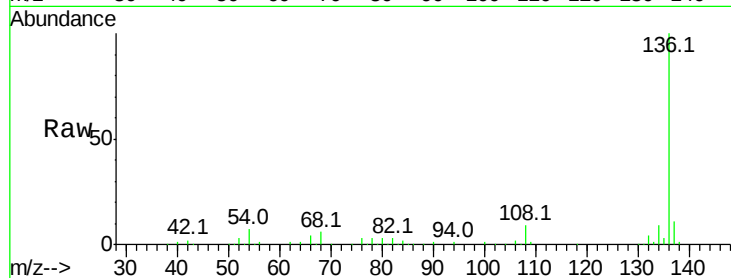




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF099868.D
Acq: 26 Oct 2017 18:26

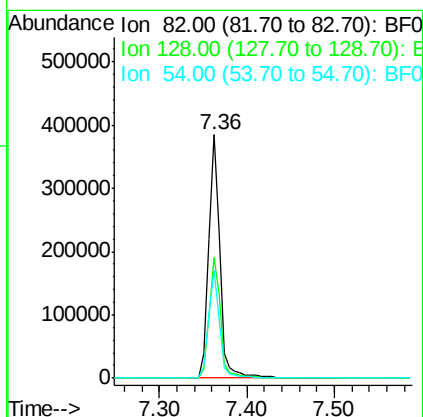
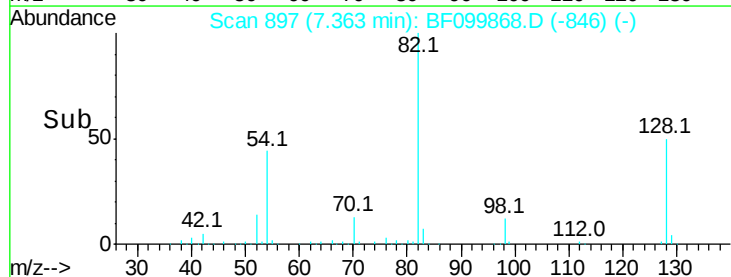
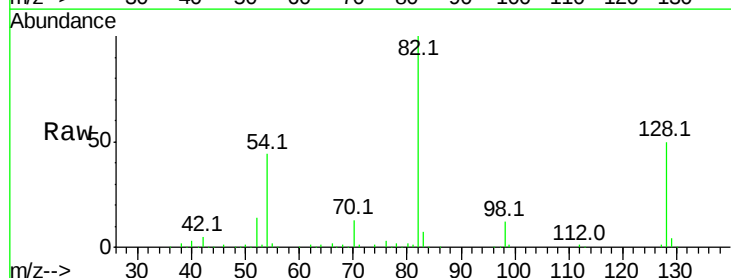
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	259673
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	6.8	6.6	9.8
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.749 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF099868.D
Acq: 26 Oct 2017 18:26

Tgt Ion:	82	Resp:	345863
Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.1	54.1
54	44.1	41.4	62.2

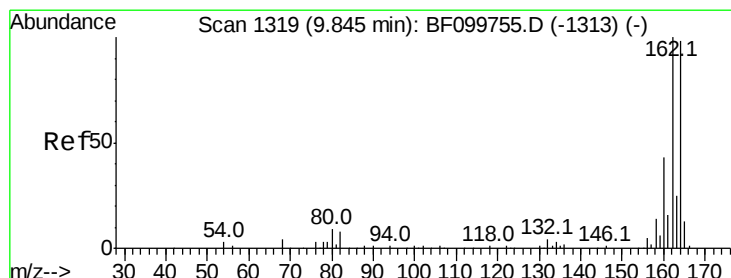
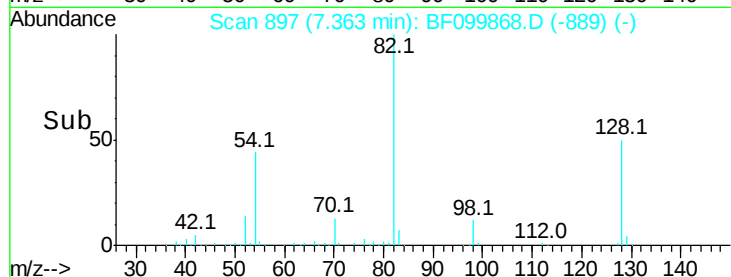
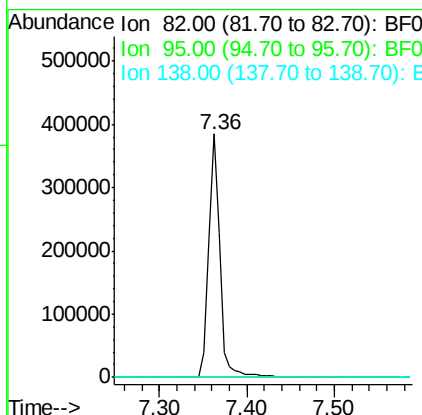
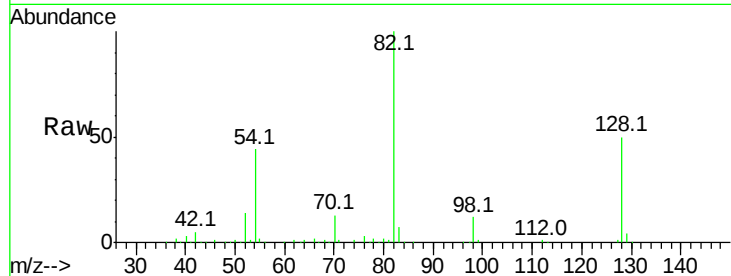




#25
Isophorone
Concen: 47.256 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.25 min
Lab File: BF099868.D
Acq: 26 Oct 2017 18:26

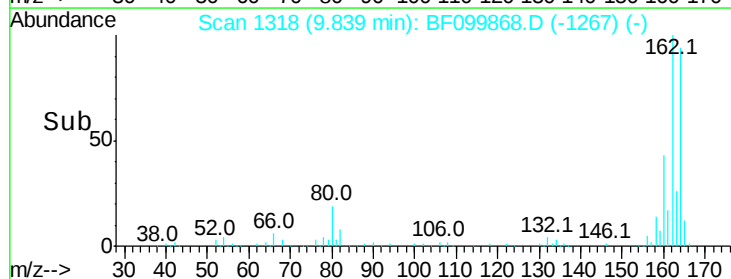
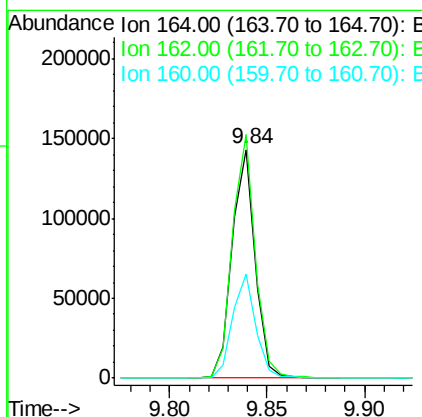
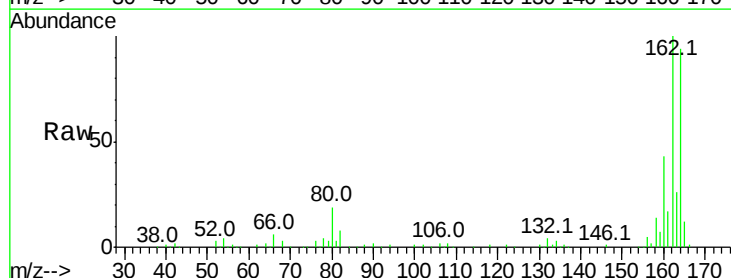
Instrument :
BNA_F
ClientSampleId :

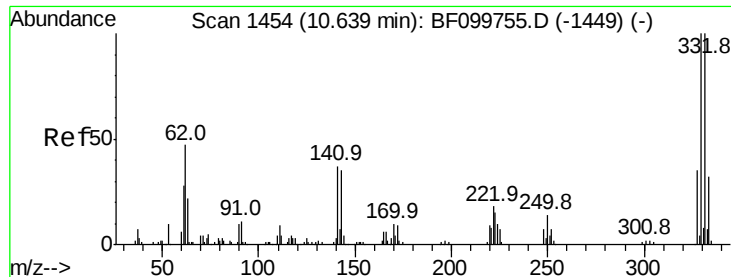
Tot Ion: 82 Resp: 345863
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF099868.D
Acq: 26 Oct 2017 18:26

Tgt Ion:164 Resp: 117478
Ion Ratio Lower Upper
164 100
162 106.5 86.1 129.1
160 45.6 38.3 57.5

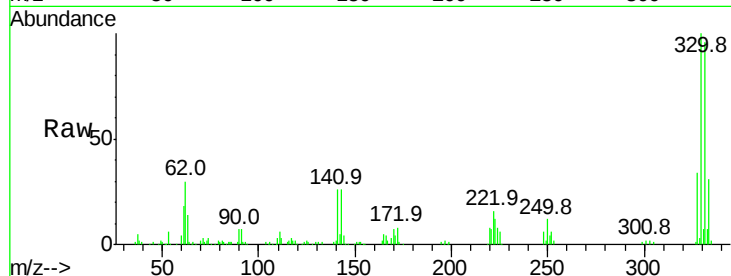




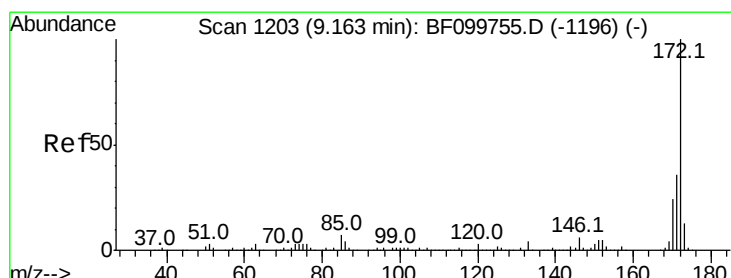
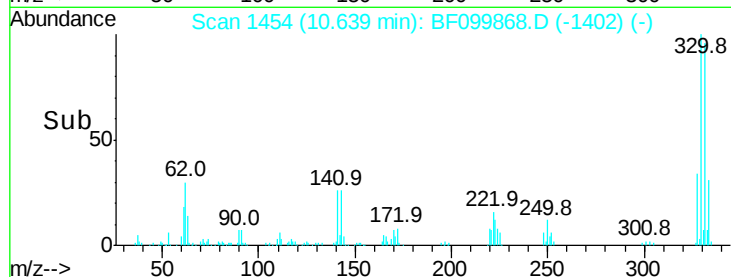
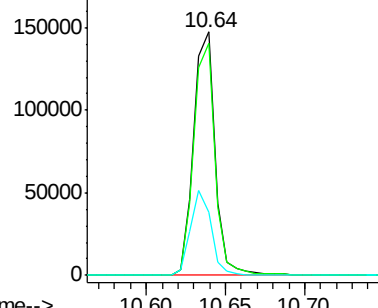
#41
 2,4,6-Tribromophenol
 Concen: 129.521 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BF099868.D
 Acq: 26 Oct 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	34.0	29.9	44.9

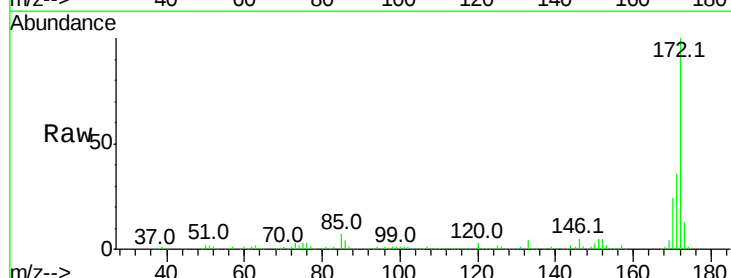


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

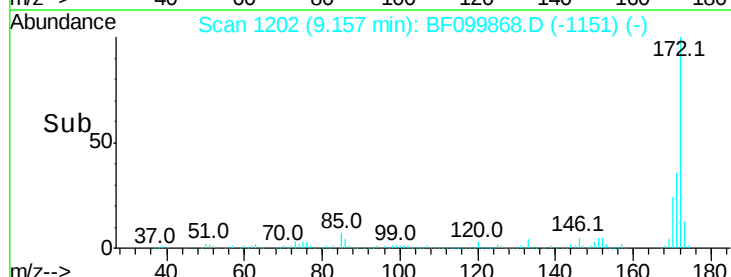
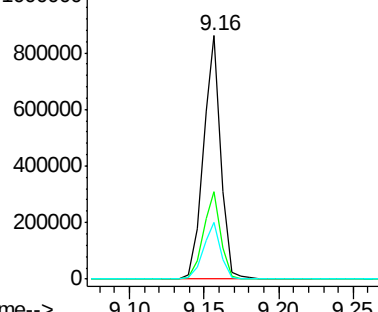


#44
 2-Fluorobiphenyl
 Concen: 93.165 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099868.D
 Acq: 26 Oct 2017 18:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	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

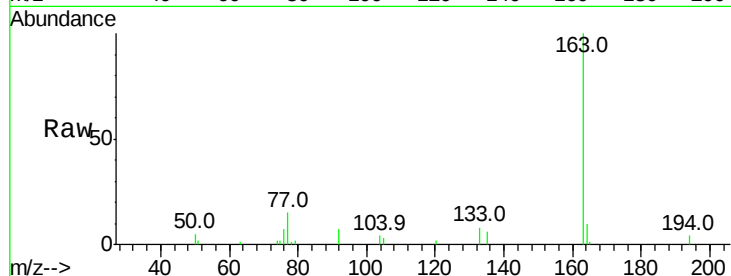




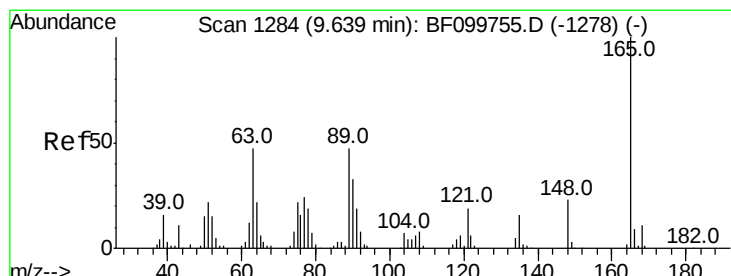
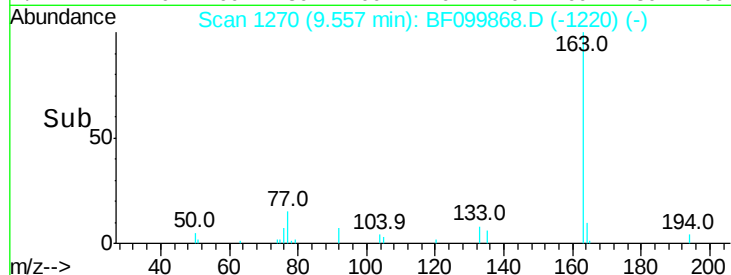
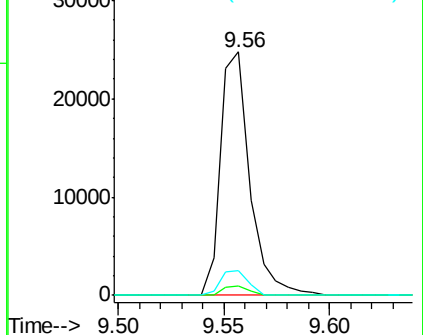
#49
Dimethylphthalate
Concen: 2.571 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF099868.D
Acq: 26 Oct 2017 18:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 23919
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.4 8.2 12.2

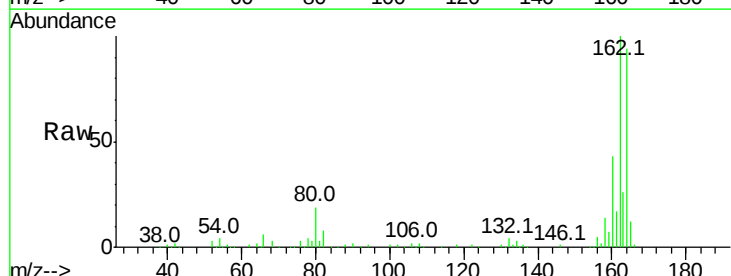


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

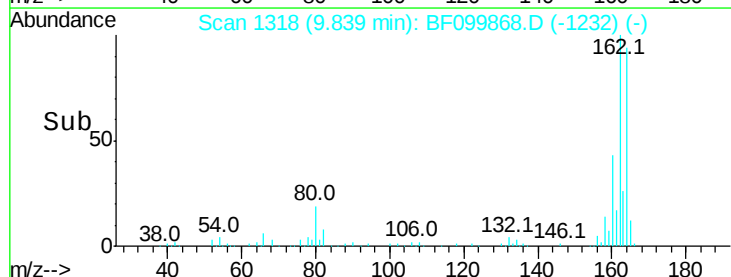
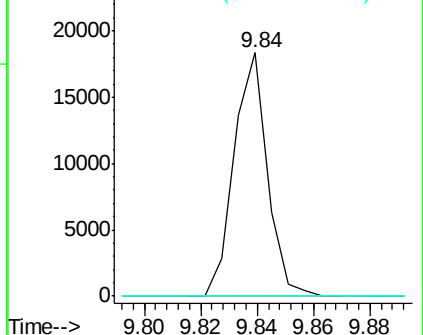


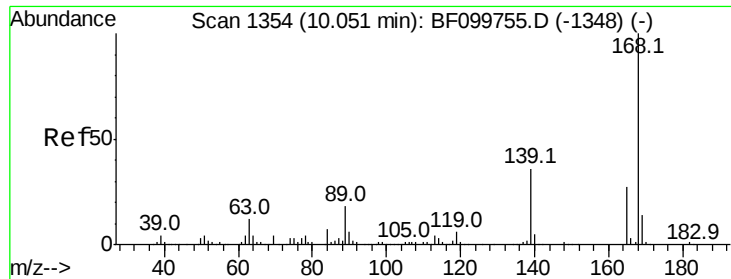
#50
2,6-Dinitrotoluene
Concen: 7.658 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.21 min
Lab File: BF099868.D
Acq: 26 Oct 2017 18:26

Tgt Ion:165 Resp: 14977
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

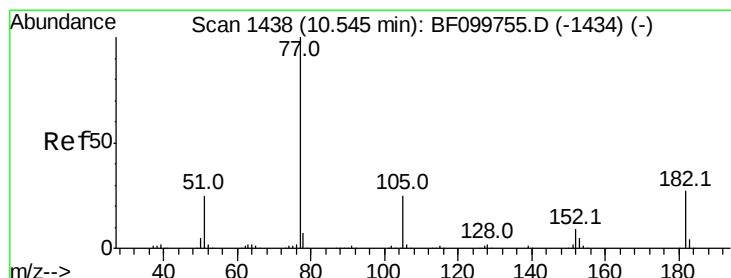
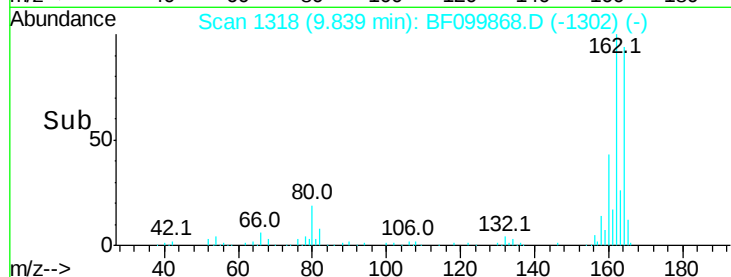
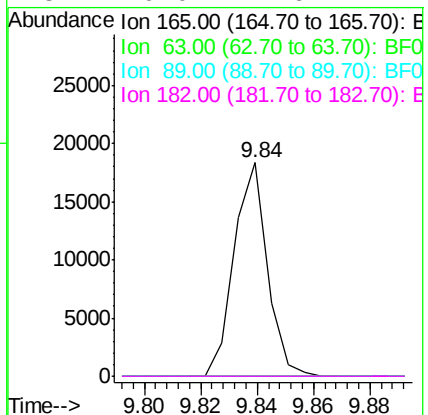
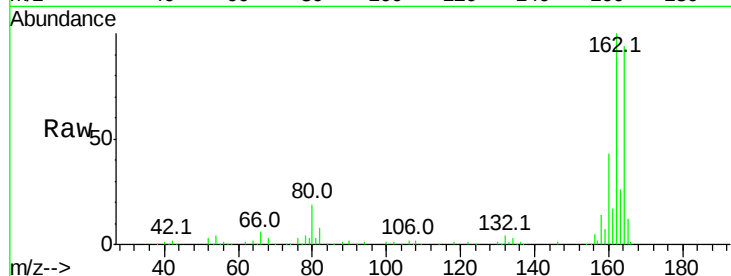




#56
 2,4-Dinitrotoluene
 Concen: 6.359 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF099868.D
 Acq: 26 Oct 2017 18:26

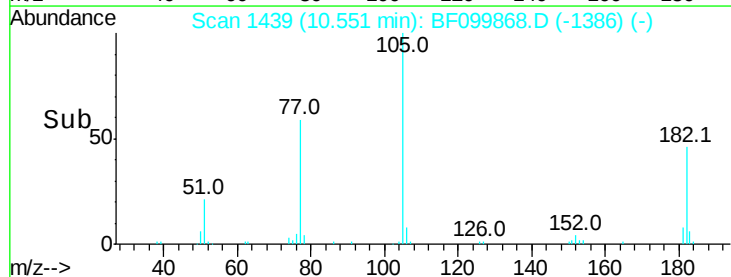
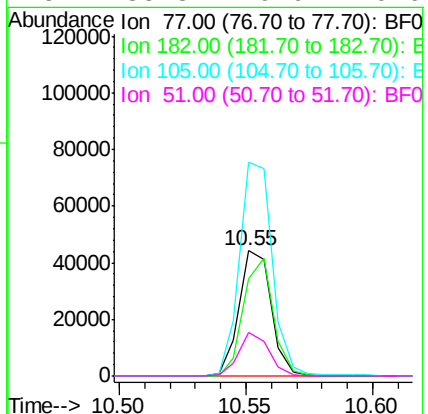
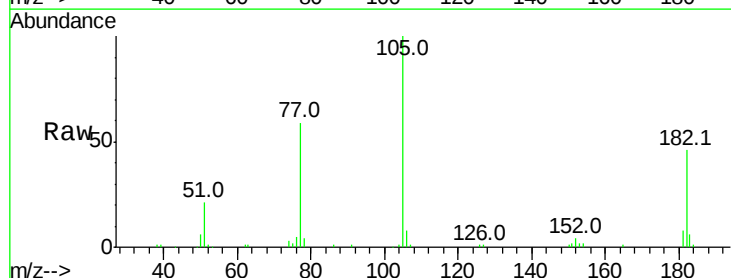
Instrument :
 BNA_F
 ClientSampleId :

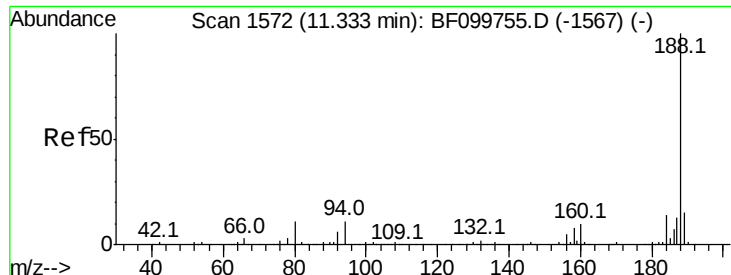
Tot Ion:	165	Resp:	14977
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#



#62
 Azobenzene
 Concen: 5.119 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF099868.D
 Acq: 26 Oct 2017 18:26

Tgt Ion:	77	Resp:	38986
Ion	Ratio	Lower	Upper
77	100		
182	77.7	1.7	41.7#
105	170.8	3.0	43.0#
51	35.3	9.9	49.9

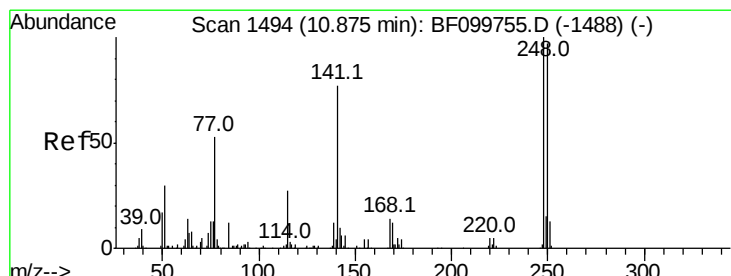
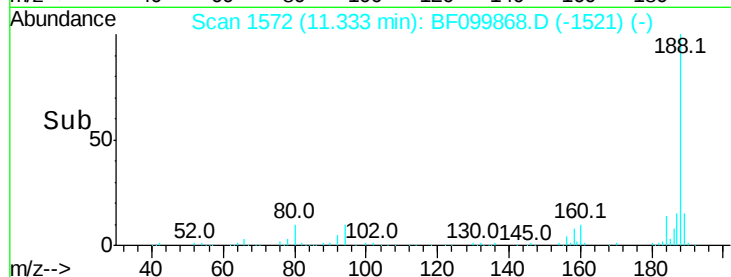
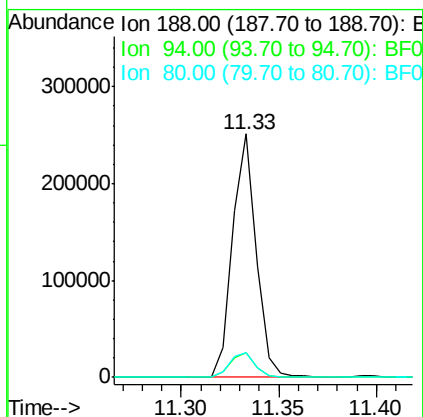
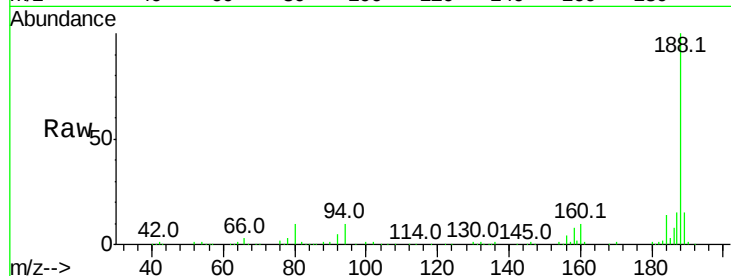




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF099868.D
 Acq: 26 Oct 2017 18:26

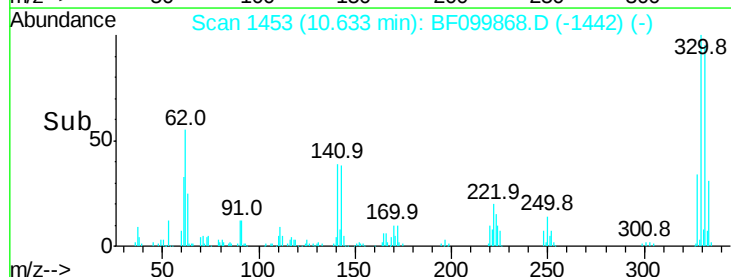
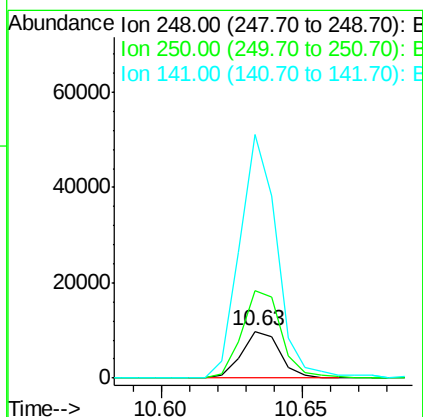
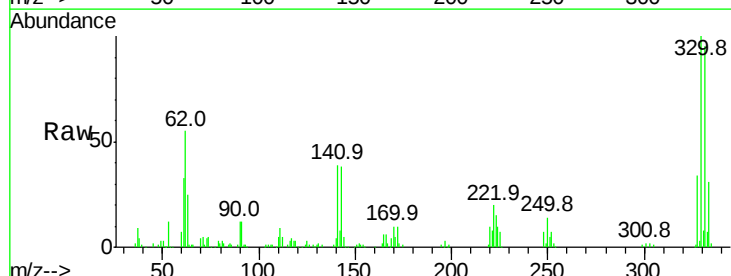
Instrument :
 BNA_F
 ClientSampleId :

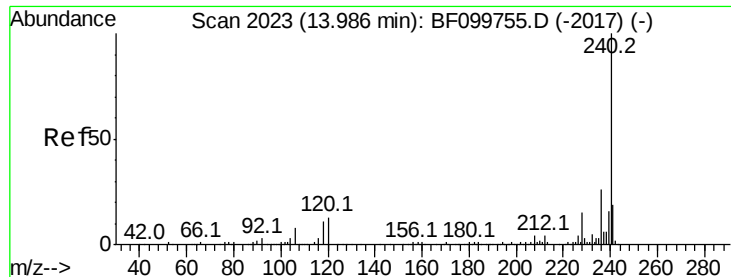
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.3	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.104 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF099868.D
 Acq: 26 Oct 2017 18:26

Tgt Ion	Ratio	Lower	Upper
248	100		
250	186.1	76.9	115.3#
141	519.4	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF099868.D

Acq: 26 Oct 2017 18:26

Instrument :

BNA_F

ClientSampled :

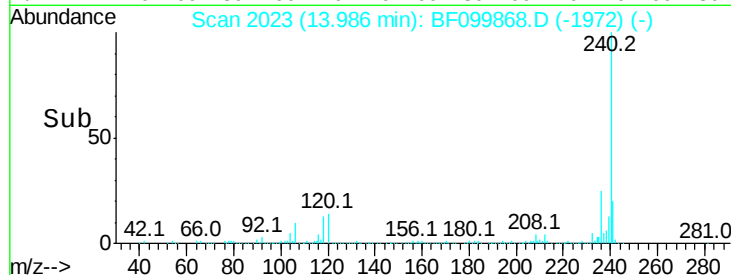
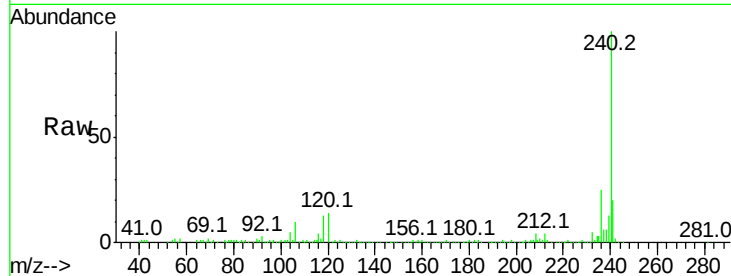
Tot Ion:240 Resp: 184354

Ion Ratio Lower Upper

240 100

120 14.3 9.5 14.3#

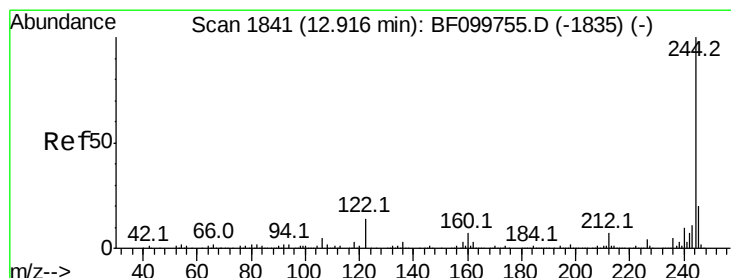
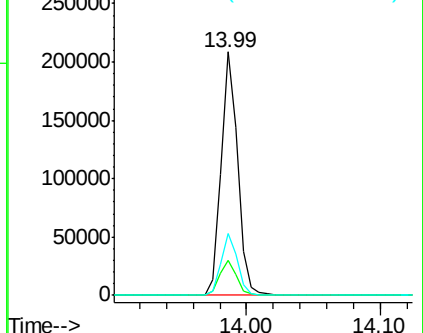
236 25.4 20.7 31.1



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: 76.866 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099868.D

Acq: 26 Oct 2017 18:26

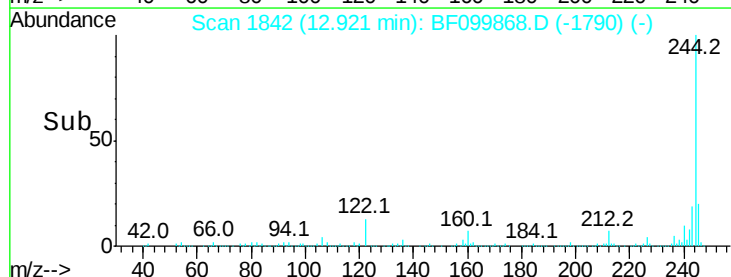
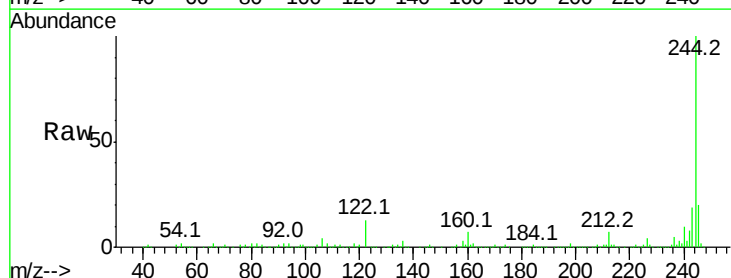
Tgt Ion:244 Resp: 648424

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

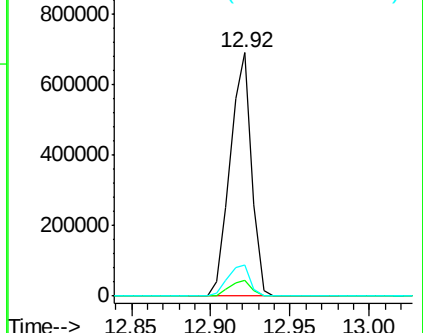
122 13.0 11.0 16.4

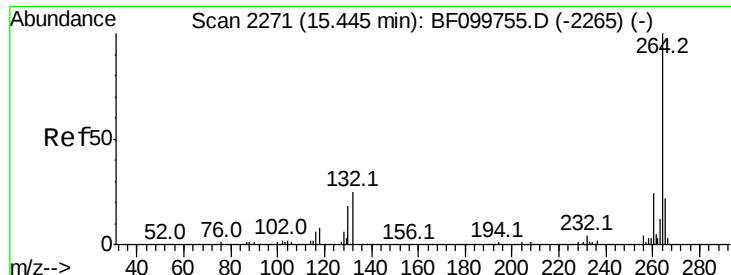


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

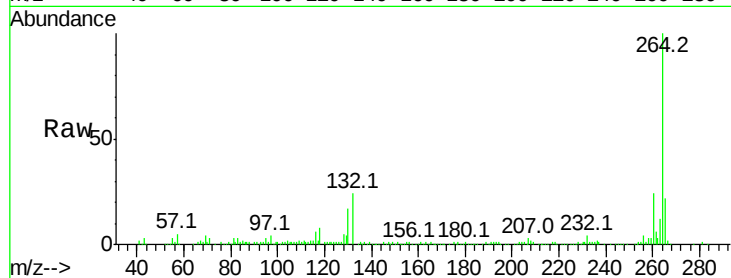




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.02 min
 Lab File: BF099868.D
 Acq: 26 Oct 2017 18:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	170695
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.9	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

