

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099841.D
 Acq On : 26 Oct 2017 5:13
 Operator : SJ/JU
 Sample : I6024-26
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 08:51:33 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

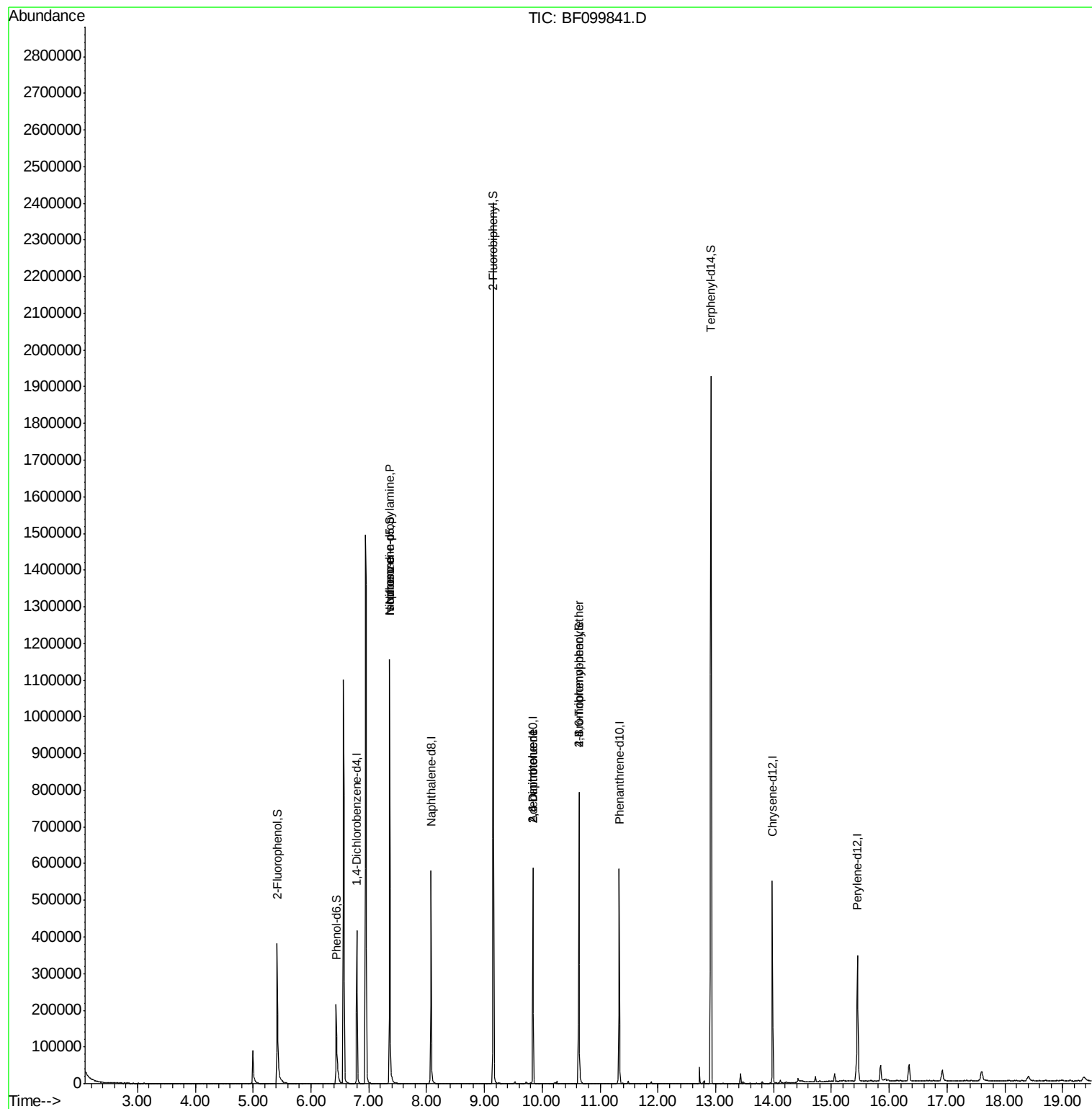
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	67000	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	273634	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	123810	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	223795	20.00	ng	0.00
75) Chrysene-d12	13.98	240	190848	20.00	ng	0.00
86) Perylene-d12	15.46	264	166495	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	173313	40.61	ng	0.00
7) Phenol-d6	6.43	99	128055	25.31	ng	0.00
23) Nitrobenzene-d5	7.36	82	369802	87.01	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	99711	88.37	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	757296	94.37	ng	0.00
78) Terphenyl-d14	12.92	244	695673	79.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	45833	15.456	ng	# 72
25) Isophorone	7.36	82	369802	47.949	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	15706	7.620	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	15706	6.327	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	6309	2.678	ng	# 1

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

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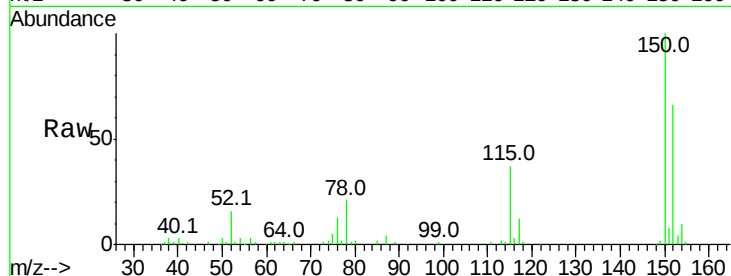


#1

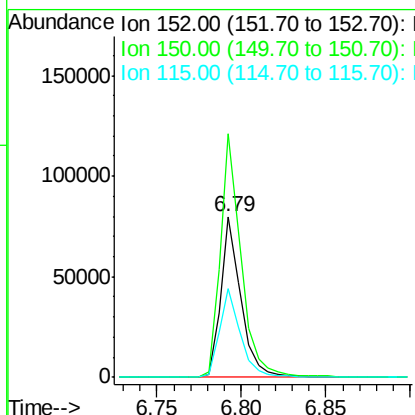
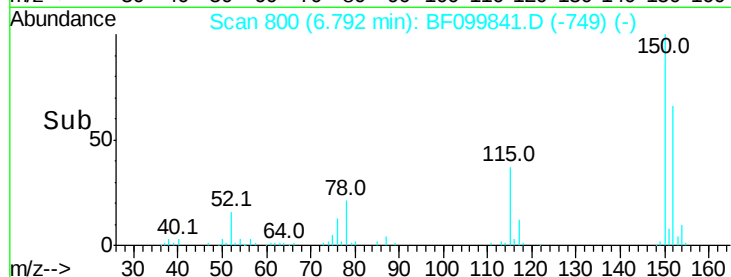
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099841.D
Acq: 26 Oct 2017 5:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67000
Ion Ratio Lower Upper
152 100
150 151.4 124.6 186.8
115 55.3 50.1 75.1



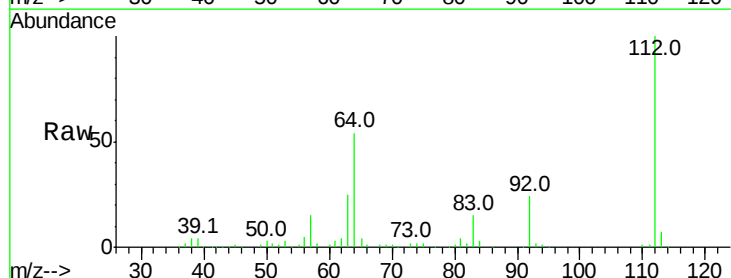
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



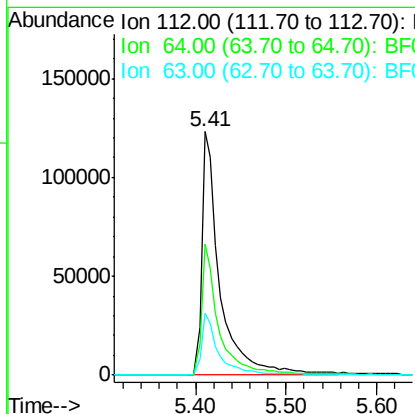
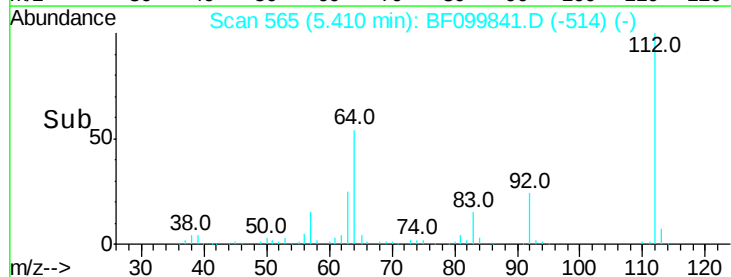
#5

2-Fluorophenol
Concen: 40.611 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF099841.D
Acq: 26 Oct 2017 5:13

Tgt Ion:112 Resp: 173313
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 25.5 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: 25.306 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099841.D

Acq: 26 Oct 2017 5:13

Instrument :

BNA_F

ClientSampleId :

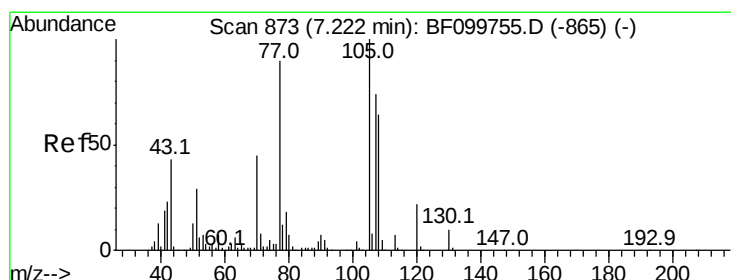
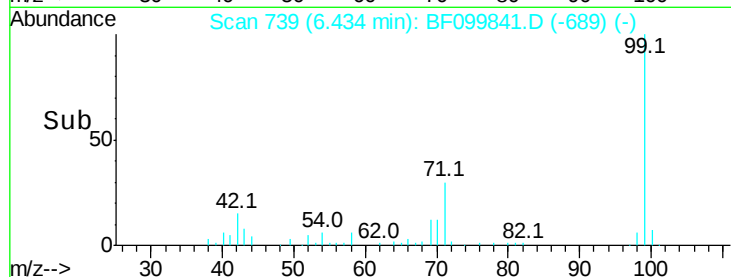
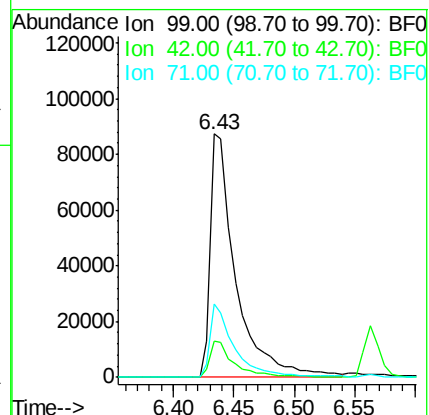
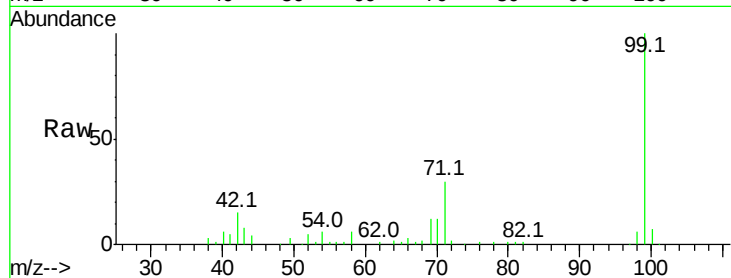
Tot Ion: 99 Resp: 128055

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

71 29.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.456 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099841.D

Acq: 26 Oct 2017 5:13

Tgt Ion: 70 Resp: 45833

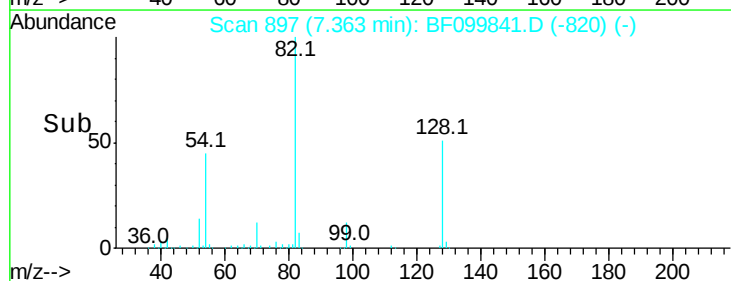
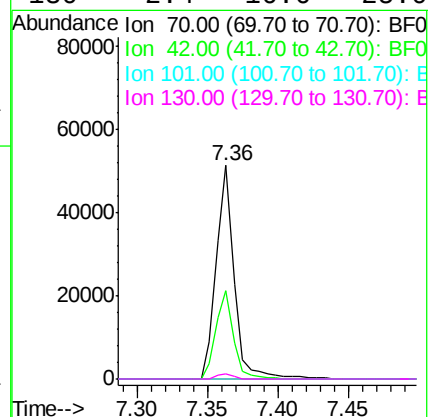
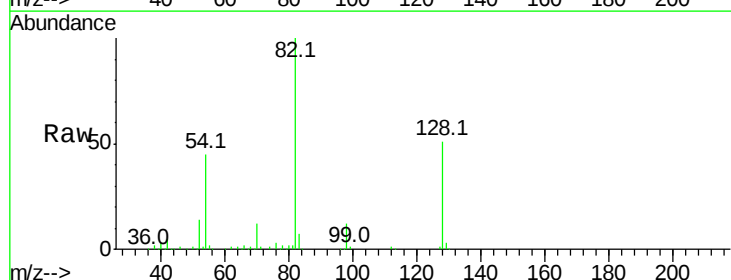
Ion Ratio Lower Upper

70 100

42 41.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 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: BF099841.D

Acq: 26 Oct 2017 5:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 273634

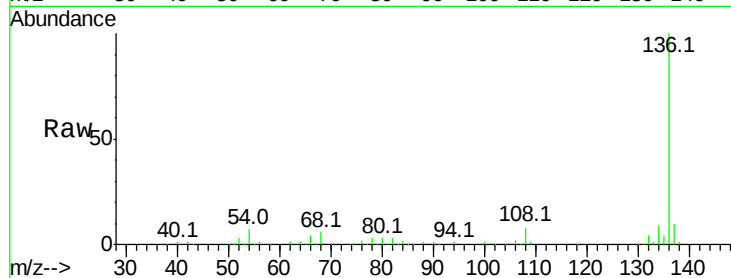
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.6 6.6 9.8

68 5.9 5.0 7.4

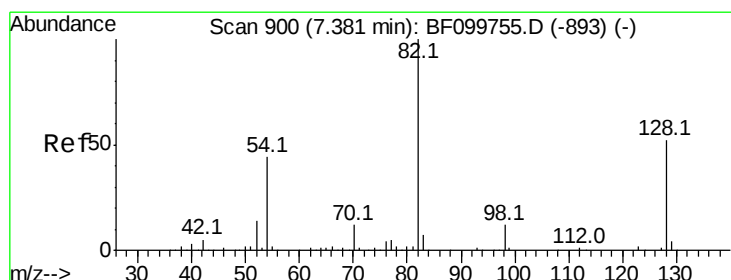
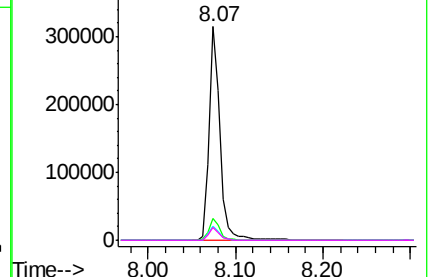
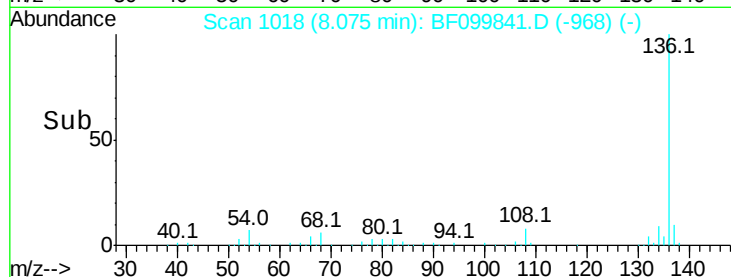


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.007 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099841.D

Acq: 26 Oct 2017 5:13

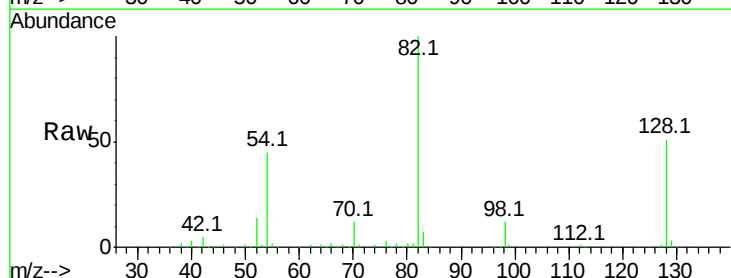
Tgt Ion: 82 Resp: 369802

Ion Ratio Lower Upper

82 100

128 51.2 36.1 54.1

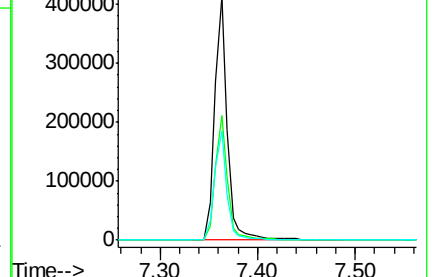
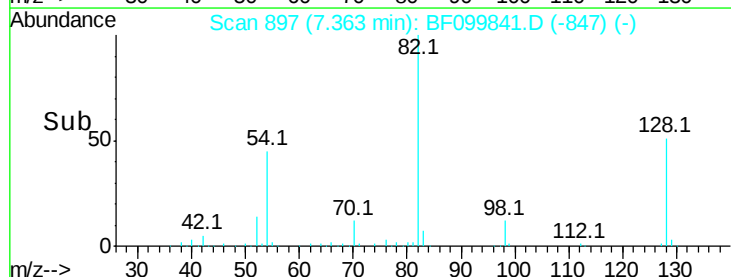
54 45.1 41.4 62.2

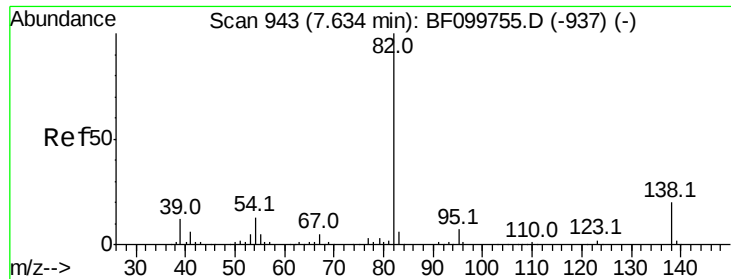


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

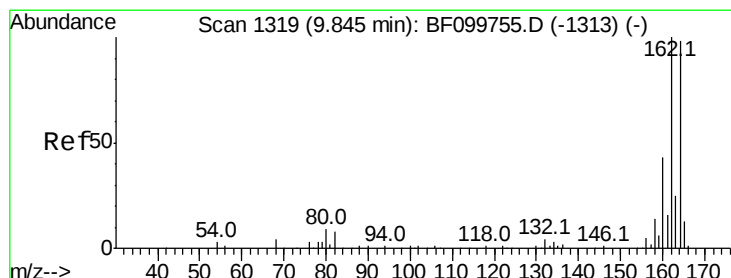
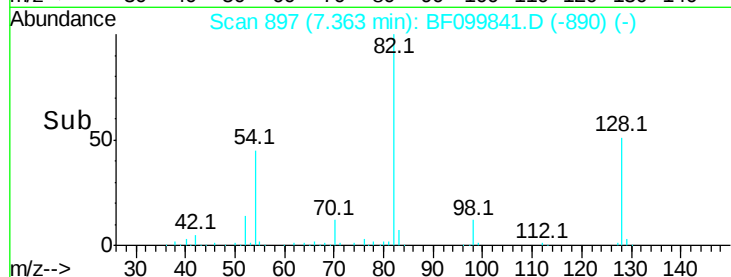
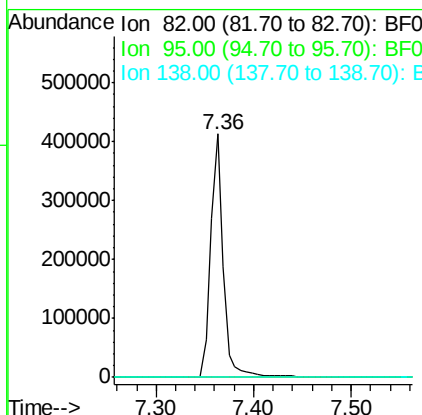
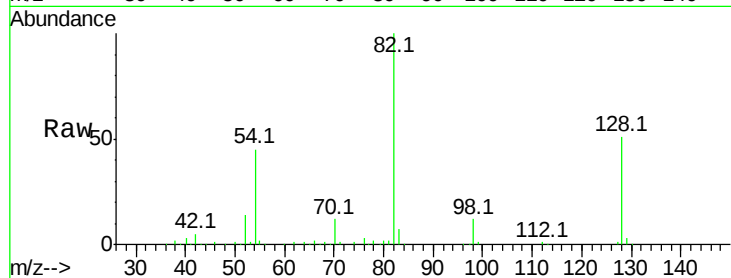




#25
Isophorone
Concen: 47.949 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF099841.D
Acq: 26 Oct 2017 5:13

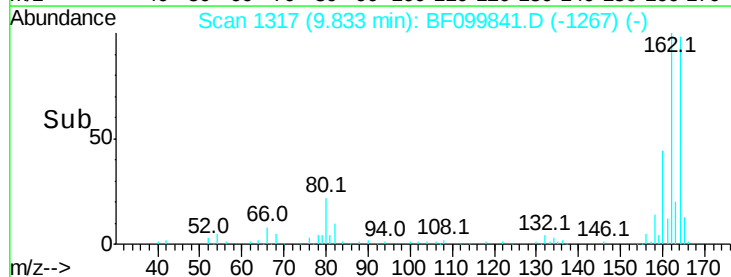
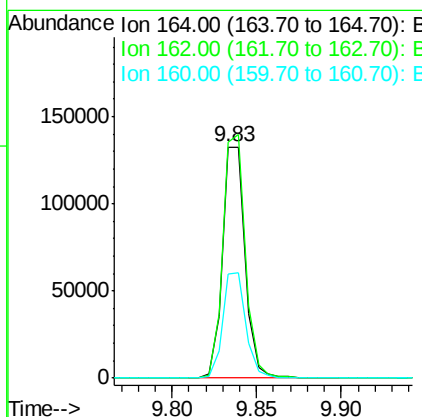
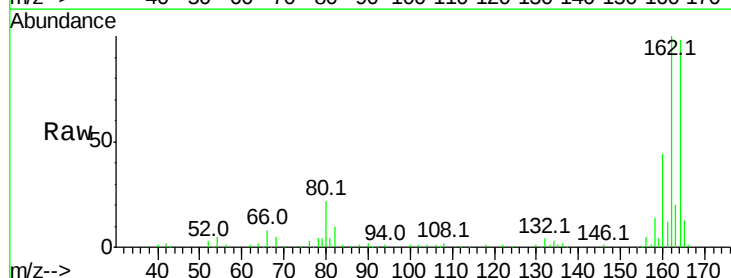
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 369802
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: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099841.D
Acq: 26 Oct 2017 5:13

Tgt Ion:164 Resp: 123810
Ion Ratio Lower Upper
164 100
162 102.0 86.1 129.1
160 45.0 38.3 57.5

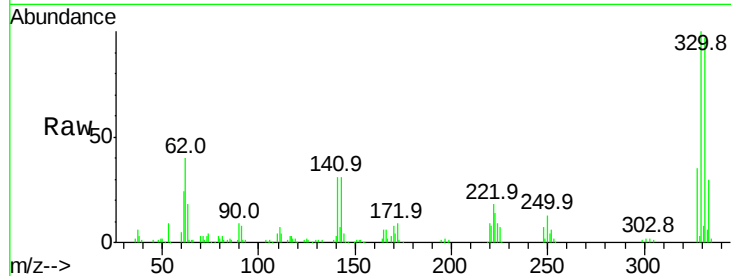




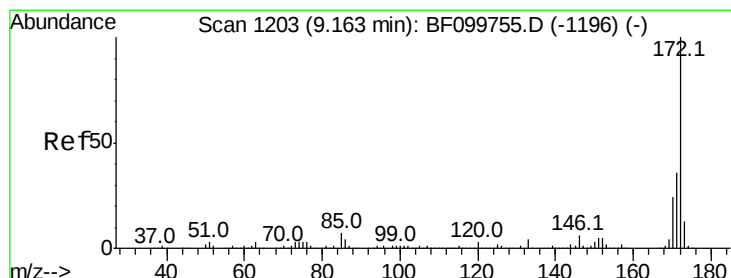
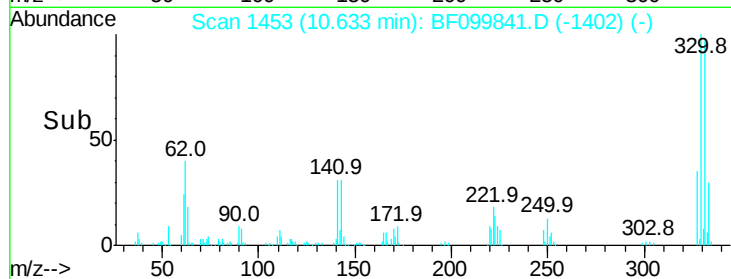
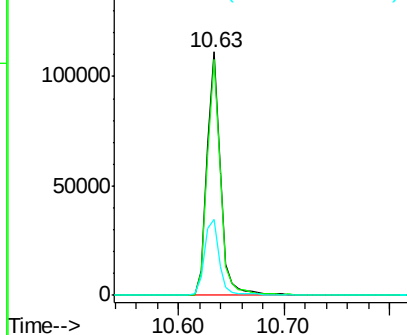
#41
 2,4,6-Tribromophenol
 Concen: 88.373 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 99711
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 34.4 29.9 44.9

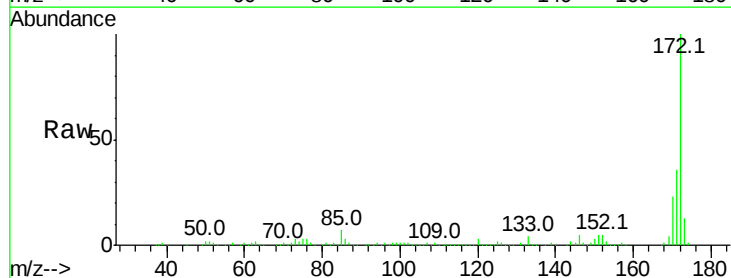


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

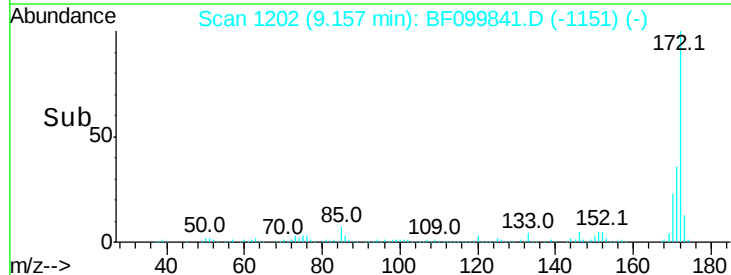
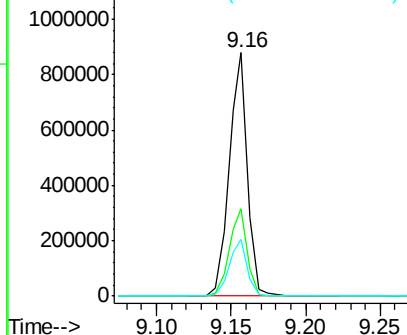


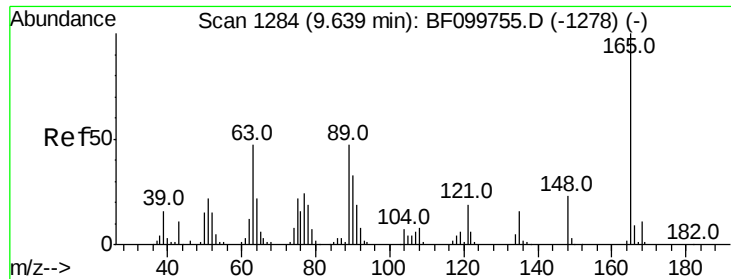
#44
 2-Fluorobiphenyl
 Concen: 94.369 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Tgt Ion:172 Resp: 757296
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.4 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

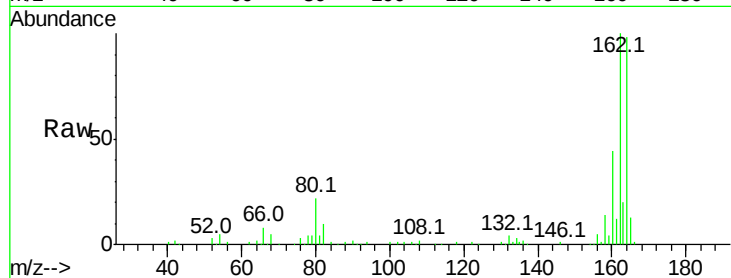




#50
 2,6-Dinitrotoluene
 Concen: 7.620 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Instrument :
 BNA_F
 ClientSampleId :

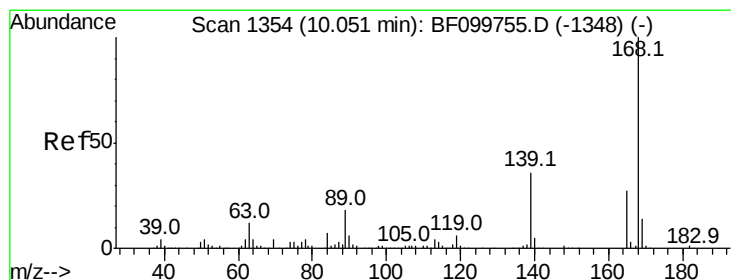
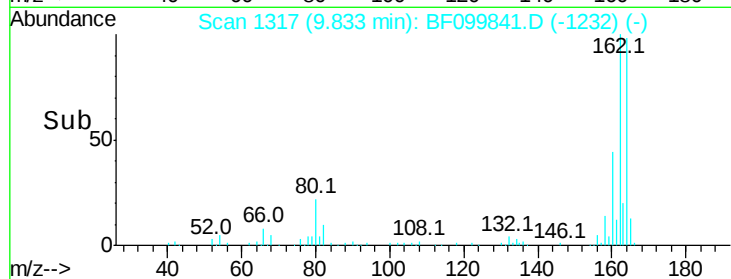
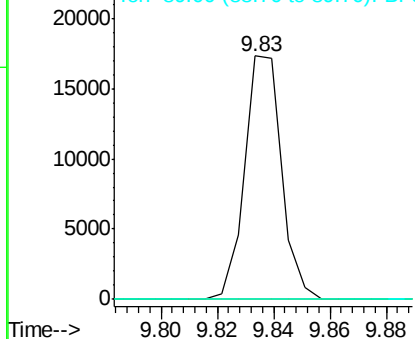
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

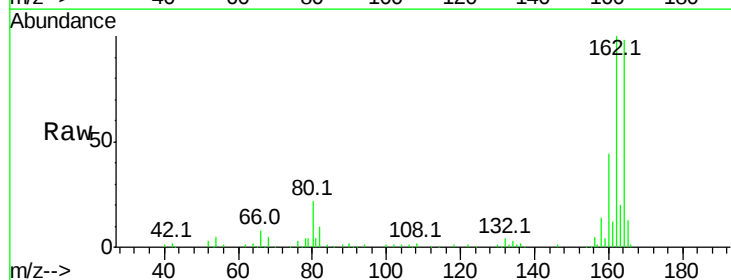
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.327 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Tgt 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#

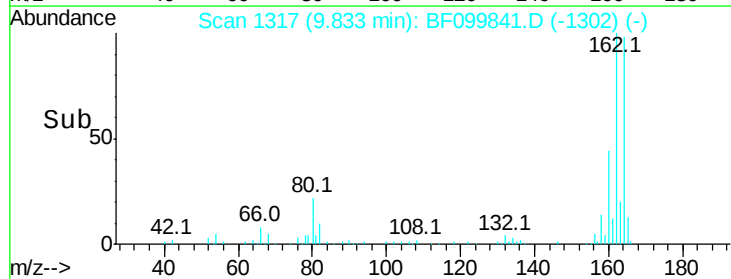
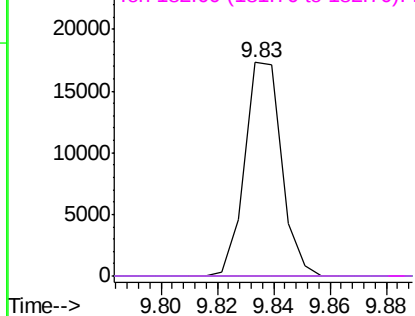


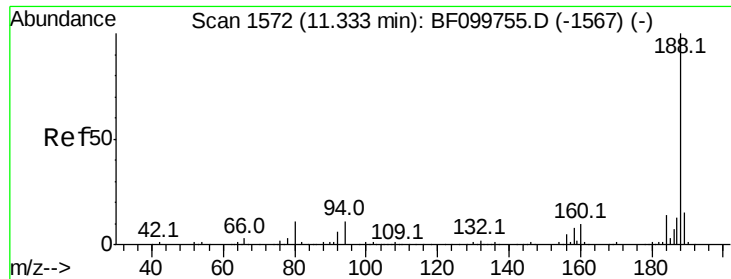
Abundance Ion 165.00 (164.70 to 165.70): E

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

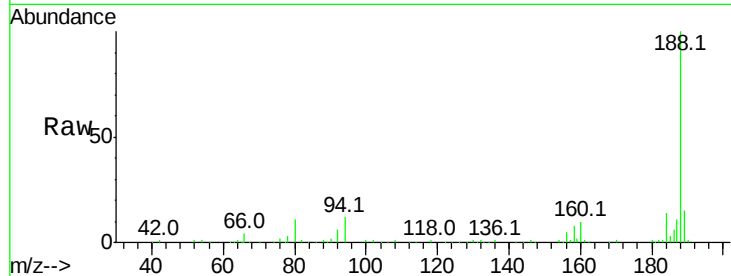




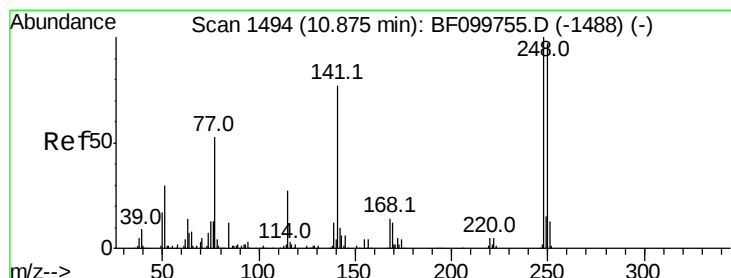
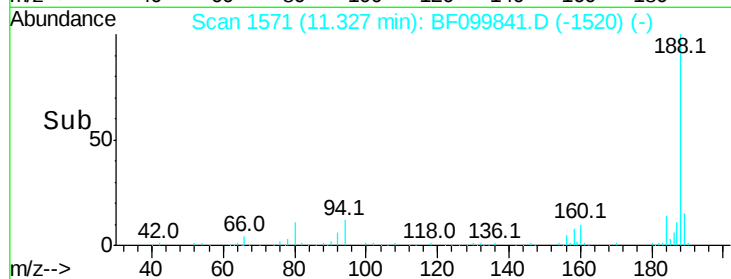
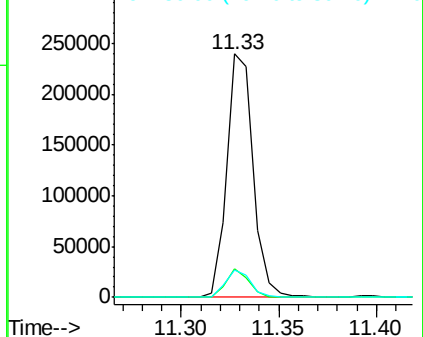
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 223795
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.5 12.7
 80 11.4 9.2 13.8

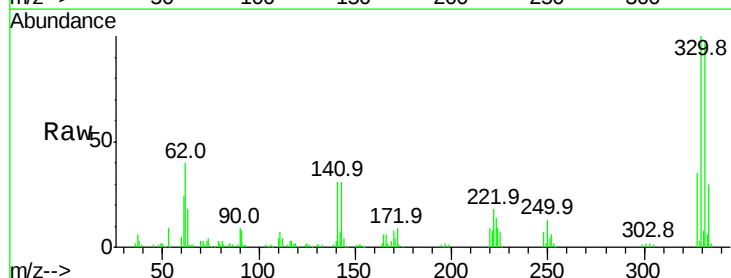


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

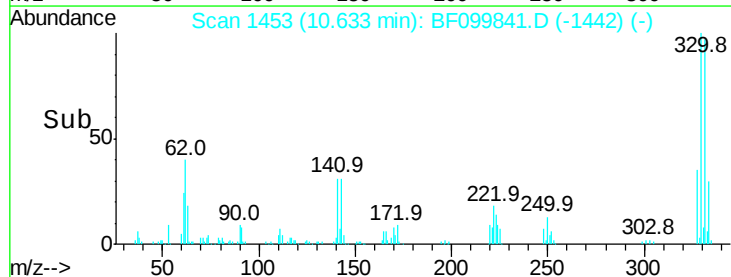
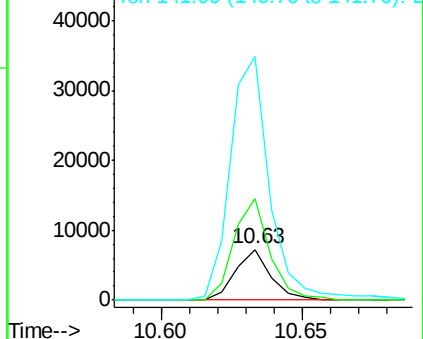


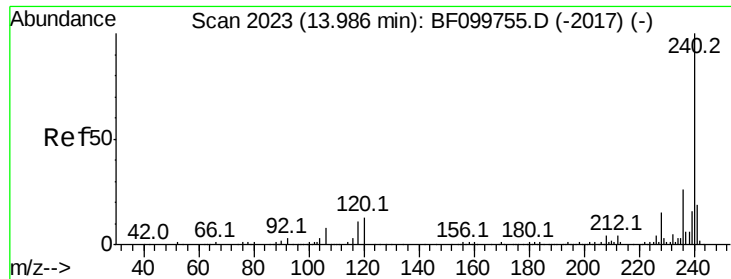
#66
 4-Bromophenyl-phenylether
 Concen: 2.678 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Tgt Ion:248 Resp: 6309
 Ion Ratio Lower Upper
 248 100
 250 201.5 76.9 115.3#
 141 480.4 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

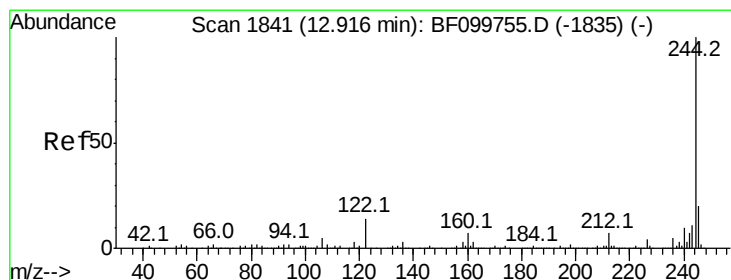
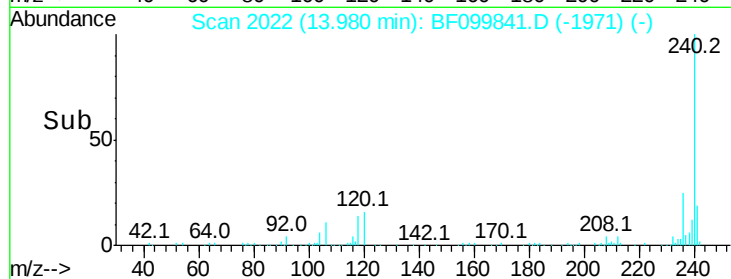
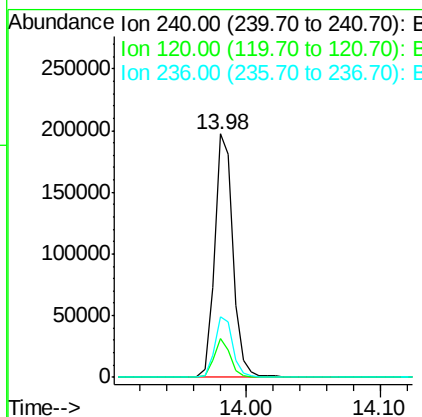
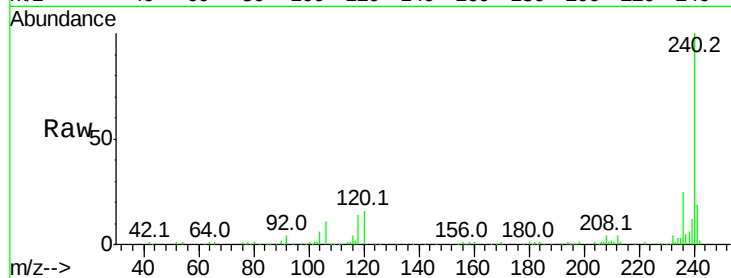




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.00 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

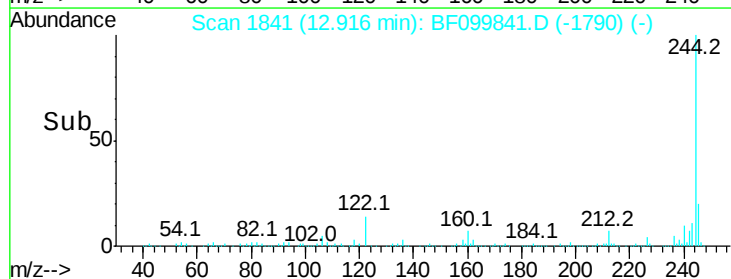
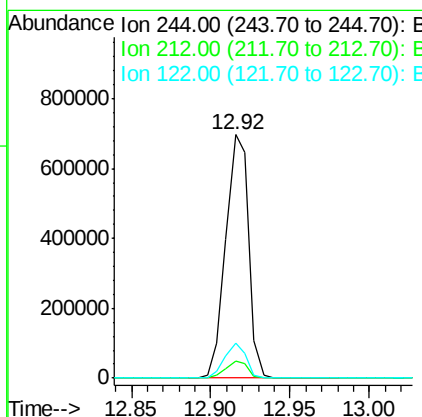
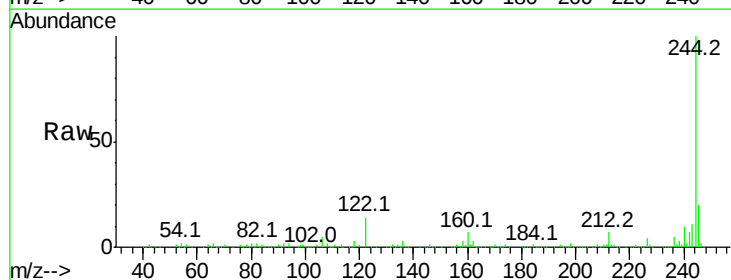
Instrument :
 BNA_F
 ClientSampled :

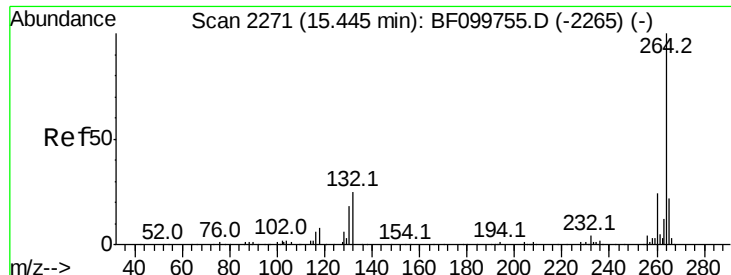
Tot Ion:240 Resp: 190848
 Ion Ratio Lower Upper
 240 100
 120 15.7 9.5 14.3#
 236 24.8 20.7 31.1



#78
 Terphenyl-d14
 Concen: 79.660 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Tgt Ion:244 Resp: 695673
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 14.4 11.0 16.4

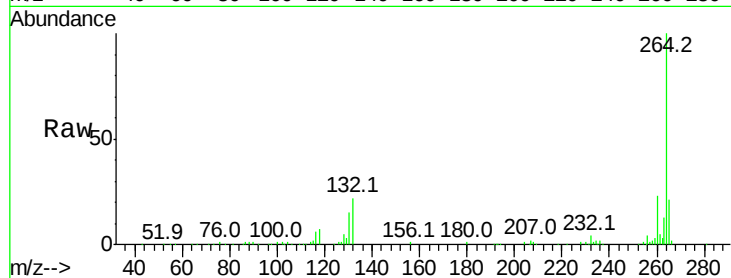




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF099841.D
 Acq: 26 Oct 2017 5:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	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

