

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099840.D
 Acq On : 26 Oct 2017 4:45
 Operator : SJ/JU
 Sample : I6024-25
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 05:17:24 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

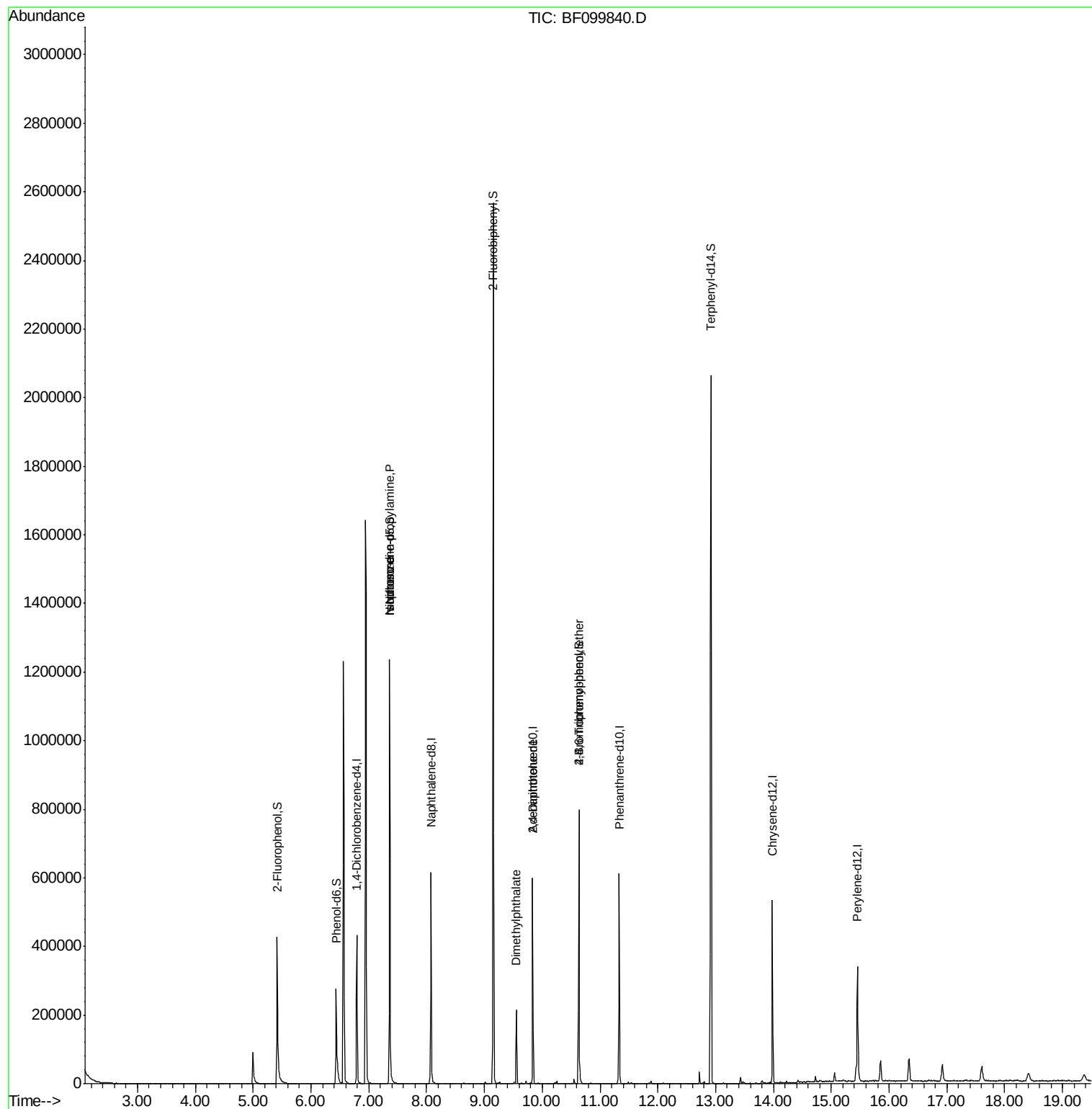
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	68601	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	280191	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	124055	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	220008	20.00	ng	0.00
75) Chrysene-d12	13.98	240	184999	20.00	ng	0.00
86) Perylene-d12	15.45	264	158672	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	192244	44.00	ng	0.00
7) Phenol-d6	6.43	99	143445	27.69	ng	0.00
23) Nitrobenzene-d5	7.36	82	407358	93.60	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	101936	90.17	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	809312	100.65	ng	0.00
78) Terphenyl-d14	12.92	244	748893	88.47	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	50389	16.596	ng	# 74
25) Isophorone	7.36	82	407358	51.582	ng	# 64
49) Dimethylphthalate	9.55	163	91114	9.275	ng	99
56) 2,4-Dinitrotoluene	9.83	165	15566	6.259	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	6690	2.888	ng	# 1

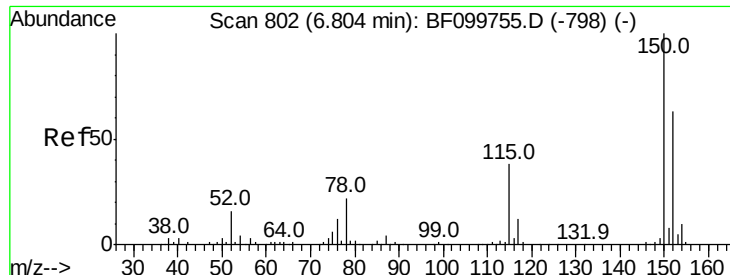
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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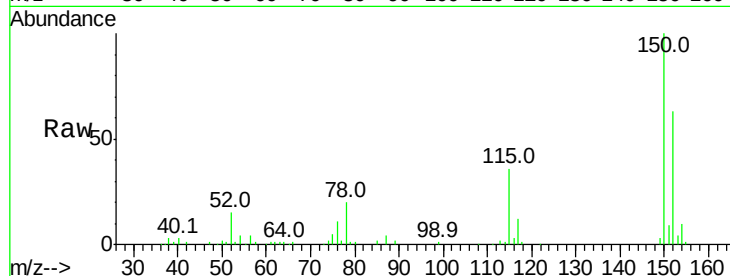


#1

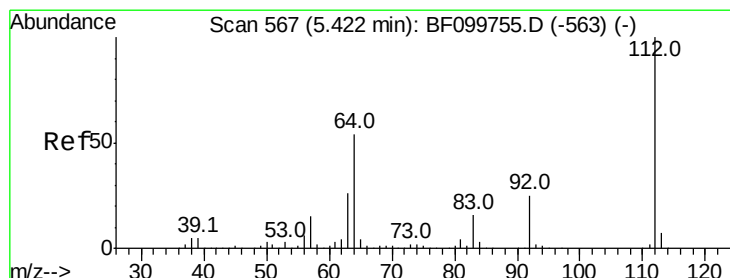
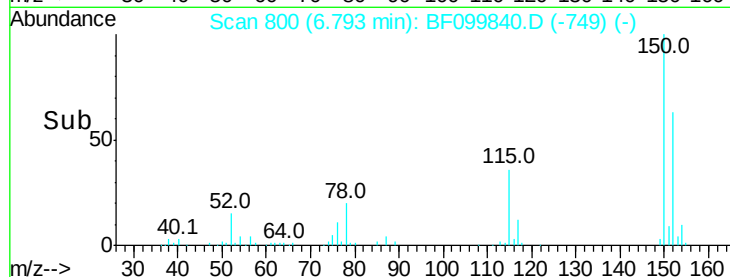
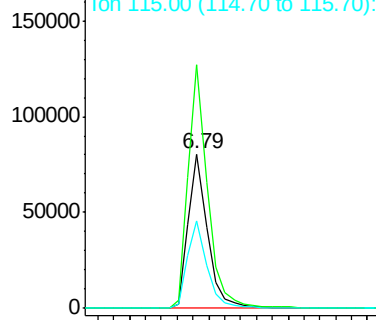
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099840.D
Acq: 26 Oct 2017 4:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68601
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 56.6 50.1 75.1



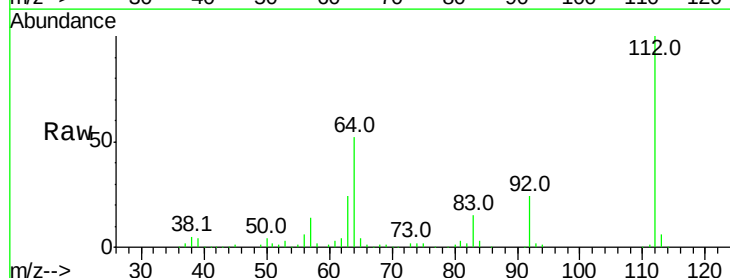
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



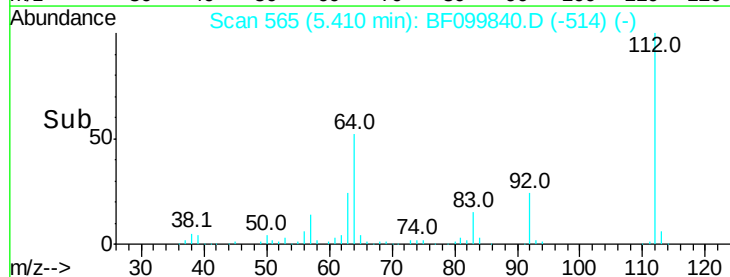
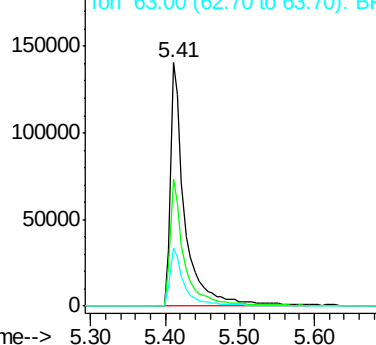
#5

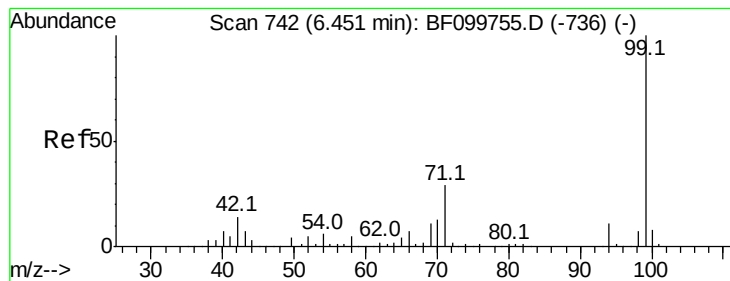
2-Fluorophenol
Concen: 43.996 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF099840.D
Acq: 26 Oct 2017 4:45

Tgt Ion:112 Resp: 192244
Ion Ratio Lower Upper
112 100
64 52.2 47.9 71.9
63 23.9 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: 27.686 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099840.D

Acq: 26 Oct 2017 4:45

Instrument :

BNA_F

ClientSampled :

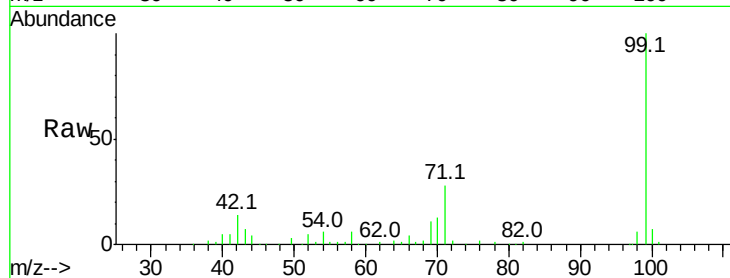
Tot Ion: 99 Resp: 143445

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

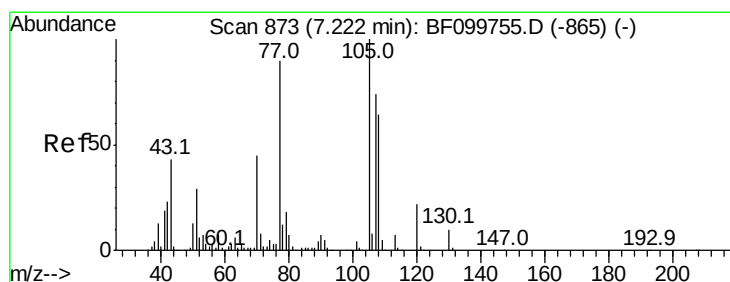
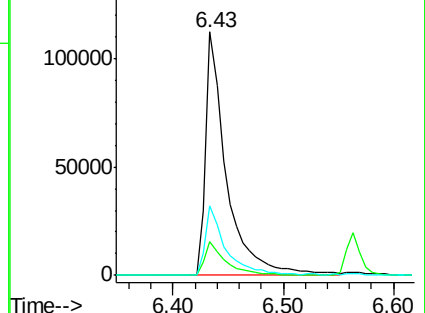
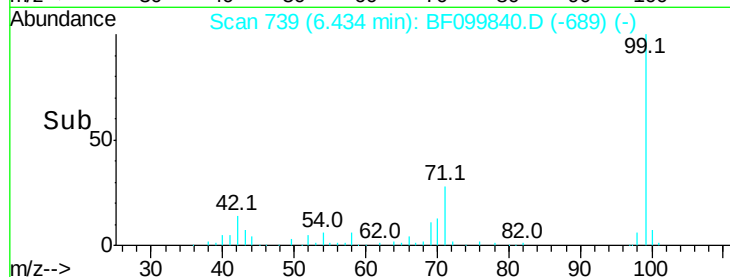
71 28.5 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.596 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099840.D

Acq: 26 Oct 2017 4:45

Tgt Ion: 70 Resp: 50389

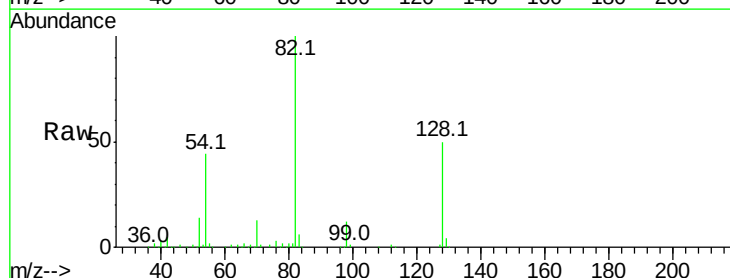
Ion Ratio Lower Upper

70 100

42 43.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

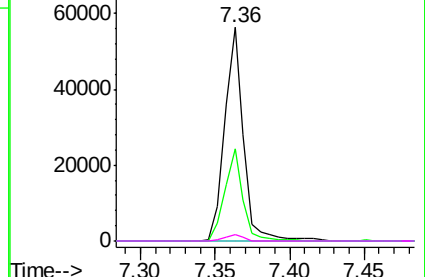
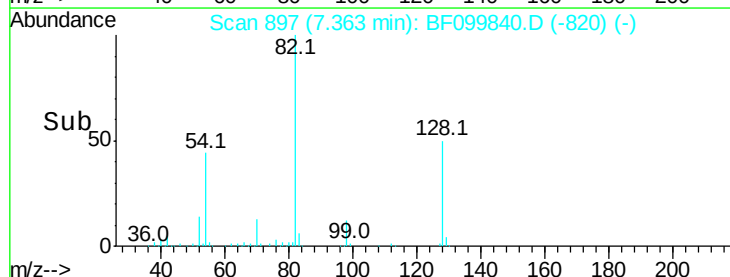


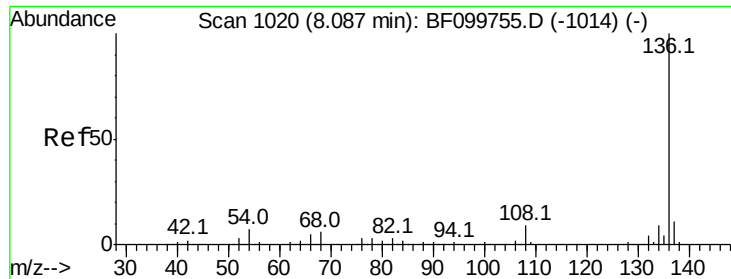
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

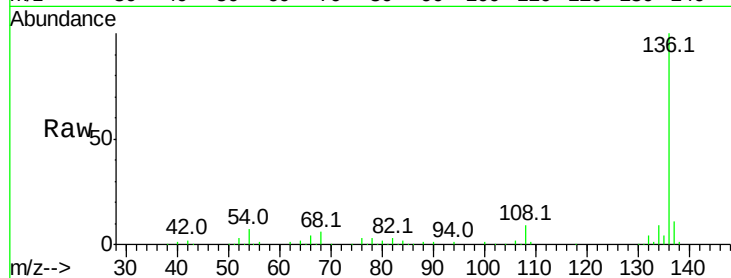




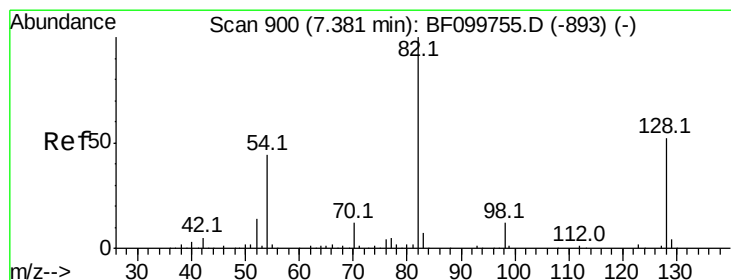
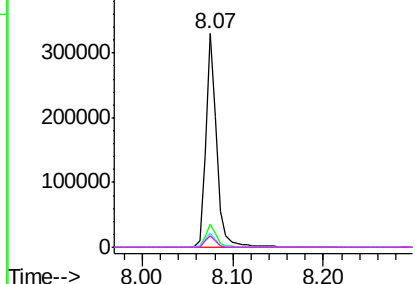
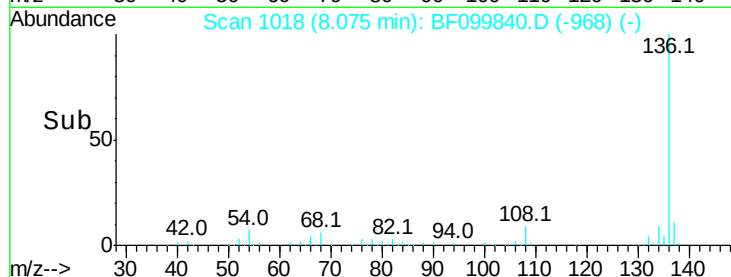
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099840.D
Acq: 26 Oct 2017 4:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	280191
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.7	6.6	9.8
68	5.7	5.0	7.4

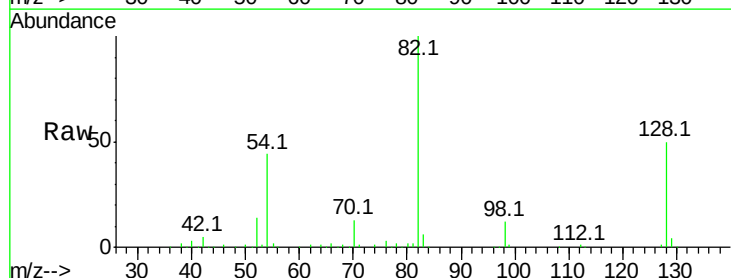


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

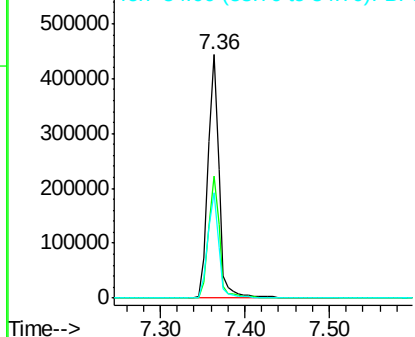
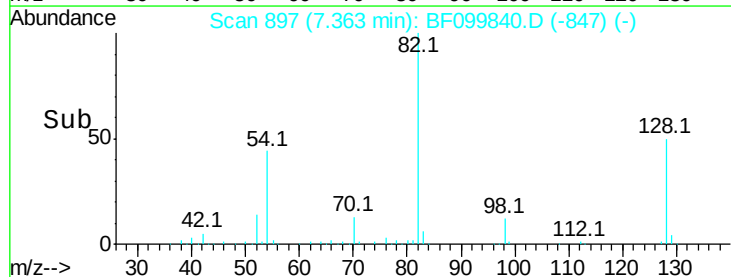


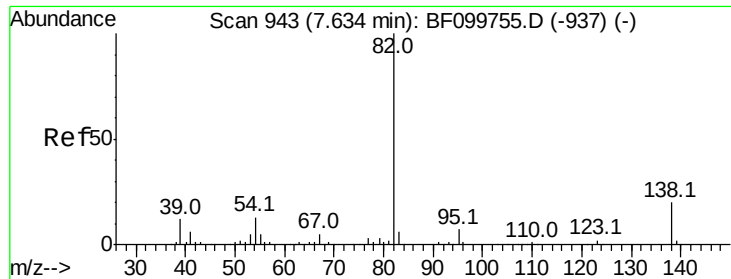
#23
Nitrobenzene-d5
Concen: 93.600 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099840.D
Acq: 26 Oct 2017 4:45

Tgt Ion:	82	Resp:	407358
Ion	Ratio	Lower	Upper
82	100		
128	50.0	36.1	54.1
54	43.5	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

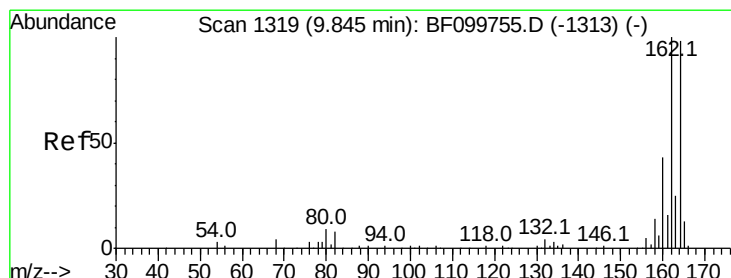
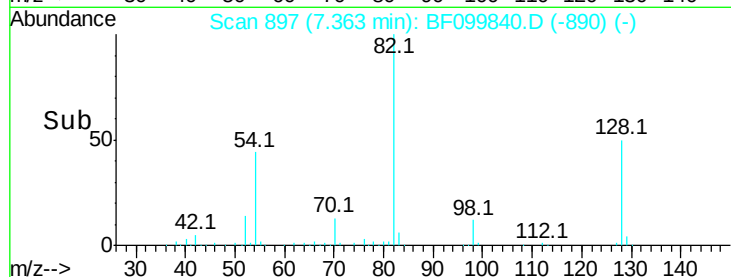
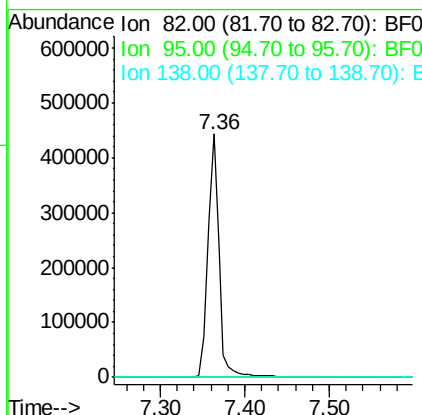
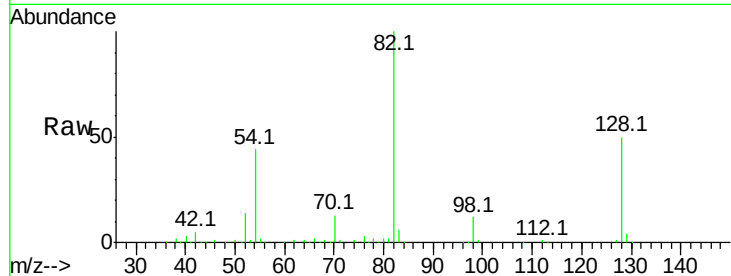




#25
Isophorone
Concen: 51.582 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF099840.D
Acq: 26 Oct 2017 4:45

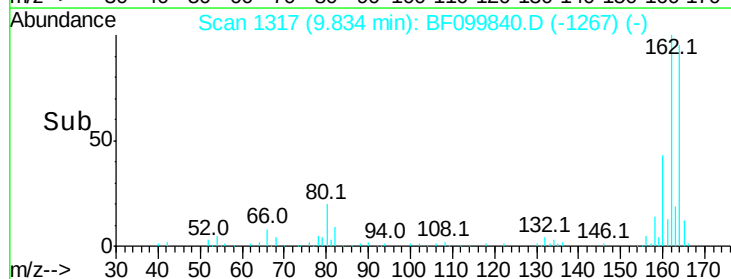
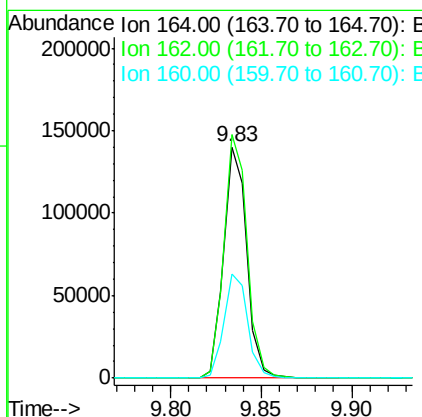
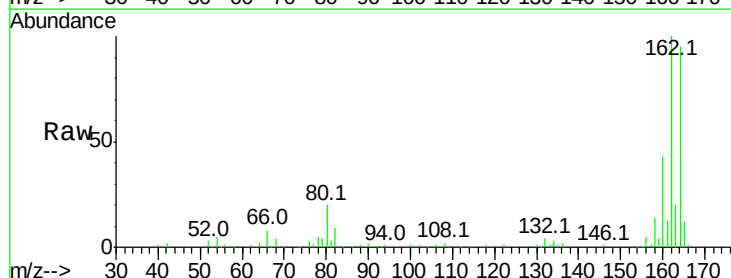
Instrument :
BNA_F
ClientSampleId :

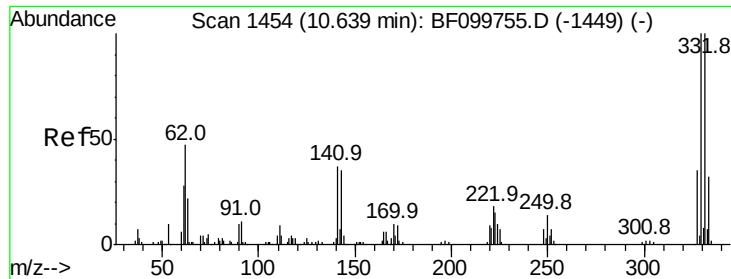
Tot Ion: 82 Resp: 407358
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099840.D
Acq: 26 Oct 2017 4:45

Tgt Ion:164 Resp: 124055
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 44.8 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 90.166 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF099840.D

Acq: 26 Oct 2017 4:45

Instrument :

BNA_F

ClientSampleId :

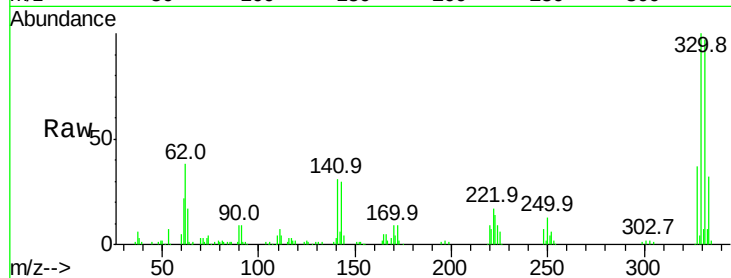
Tot Ion:330 Resp: 101936

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

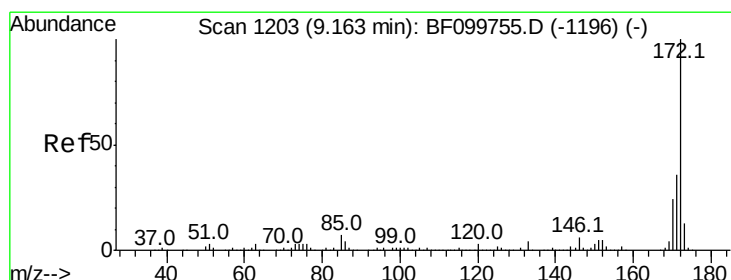
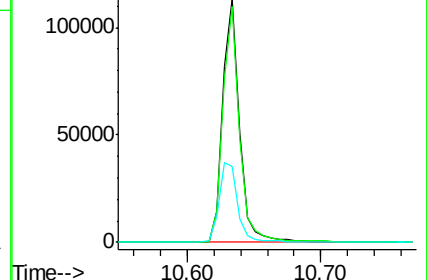
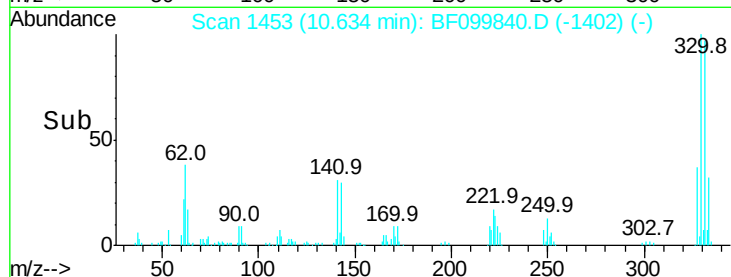
141 36.0 29.9 44.9



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: 100.652 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF099840.D

Acq: 26 Oct 2017 4:45

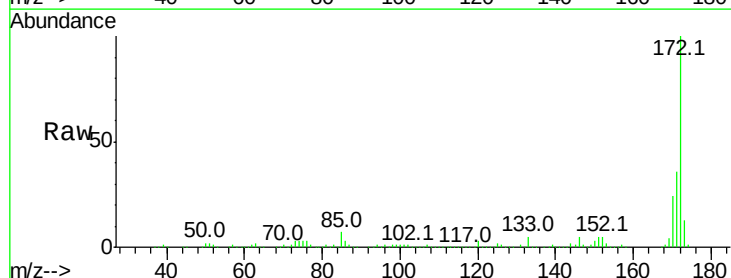
Tgt Ion:172 Resp: 809312

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

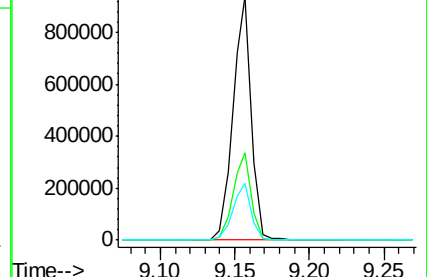
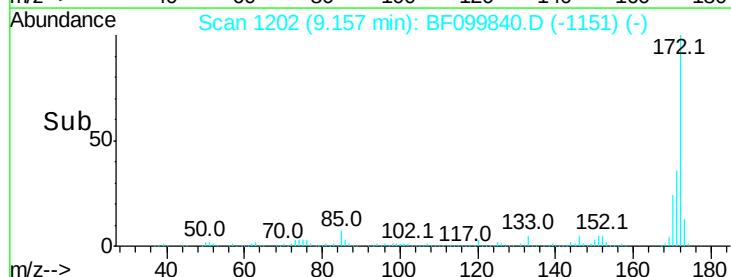
170 23.6 19.6 29.4

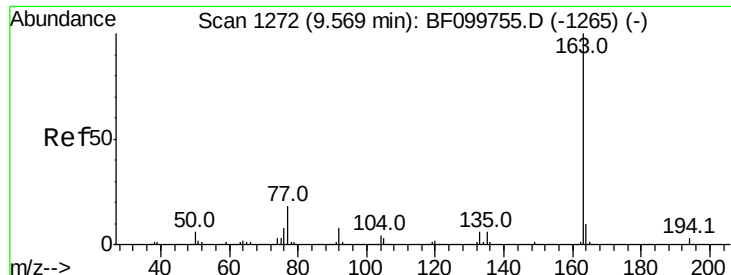


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.275 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF099840.D

Acq: 26 Oct 2017 4:45

Instrument :

BNA_F

ClientSampleId :

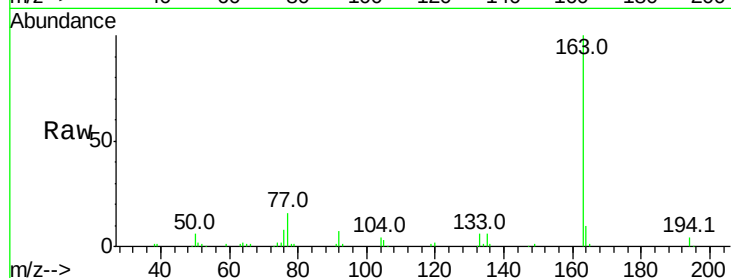
Tot Ion:163 Resp: 91114

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

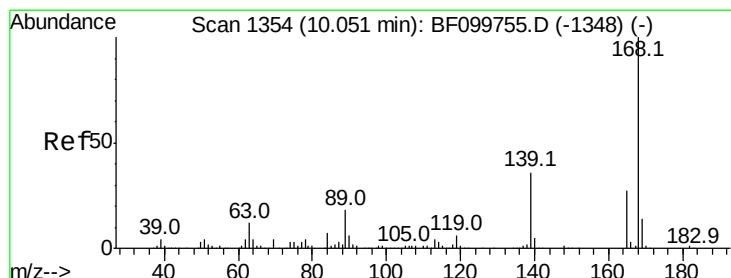
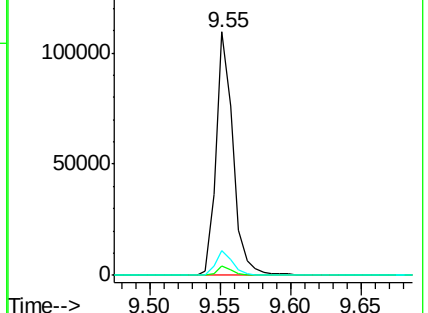
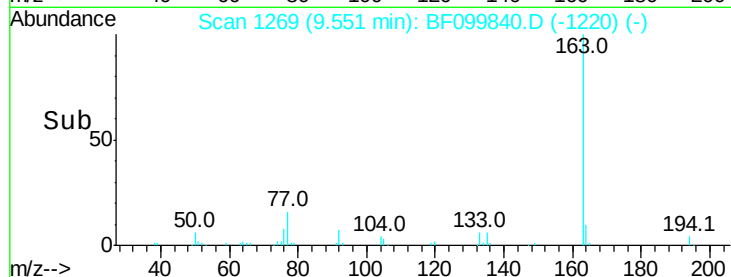
164 10.0 8.2 12.2



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: 6.259 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.21 min

Lab File: BF099840.D

Acq: 26 Oct 2017 4:45

Tgt Ion:165 Resp: 15566

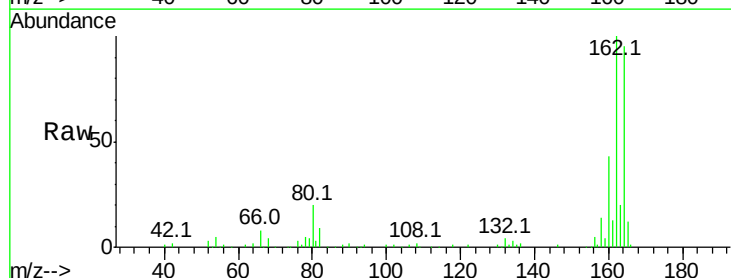
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

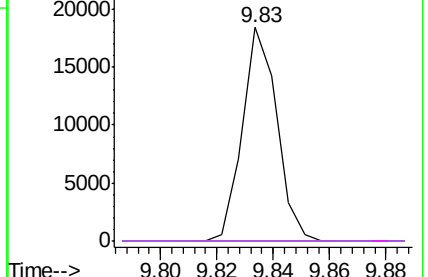
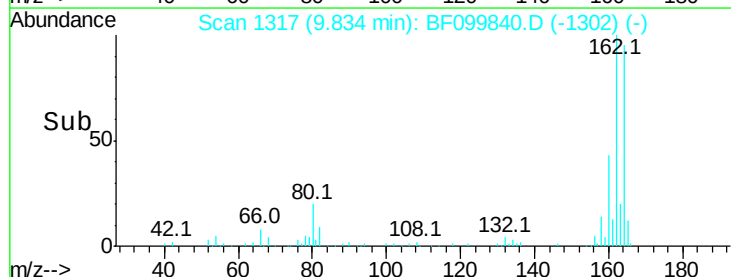


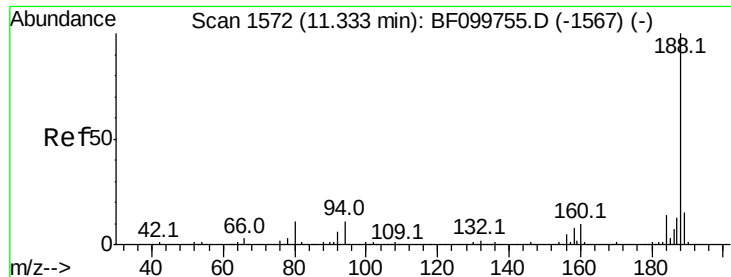
Abundance Ion 165.00 (164.70 to 165.70): E

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

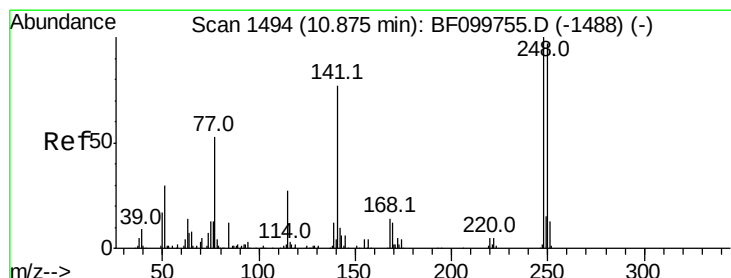
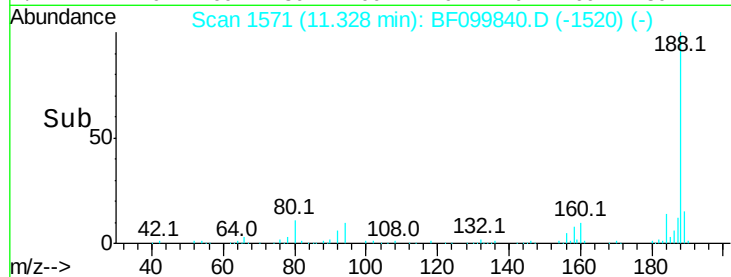
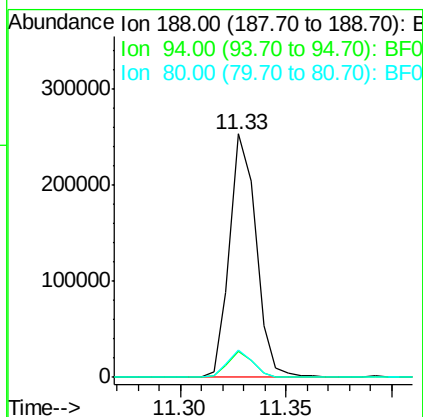
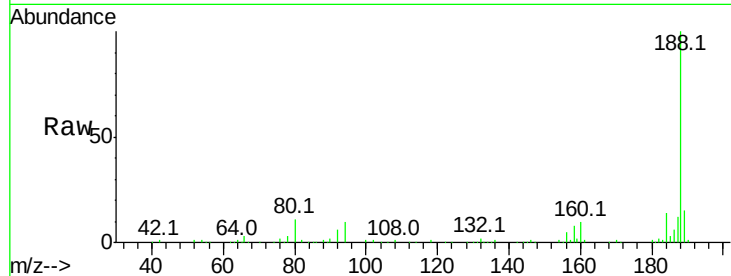




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: BF099840.D
 Acq: 26 Oct 2017 4:45

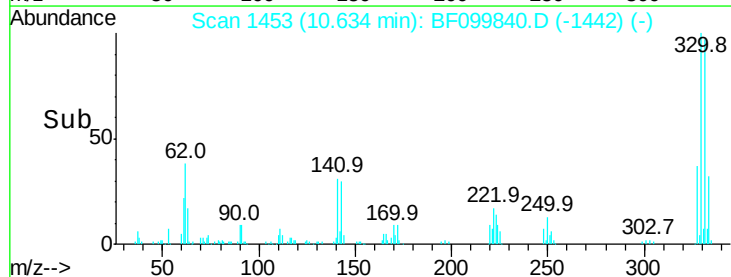
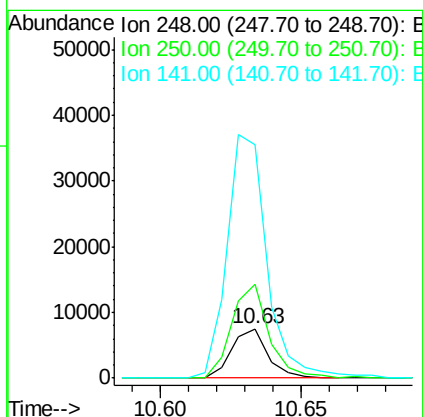
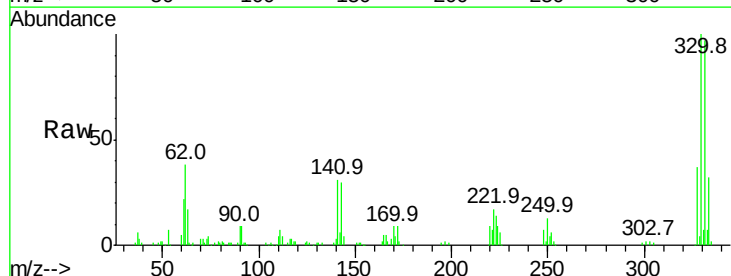
Instrument :
 BNA_F
 ClientSampleId :

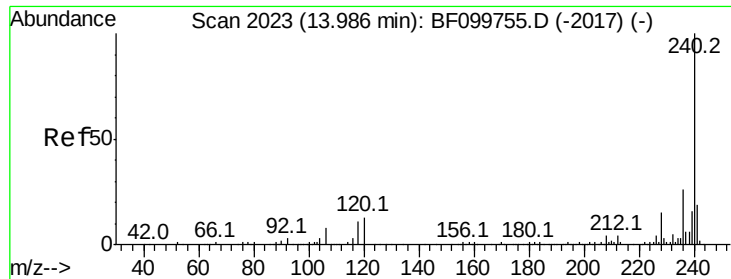
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.3	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.888 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.24 min
 Lab File: BF099840.D
 Acq: 26 Oct 2017 4:45

Tgt Ion	Ratio	Lower	Upper
248	100		
250	192.1	76.9	115.3#
141	476.4	74.4	111.6#

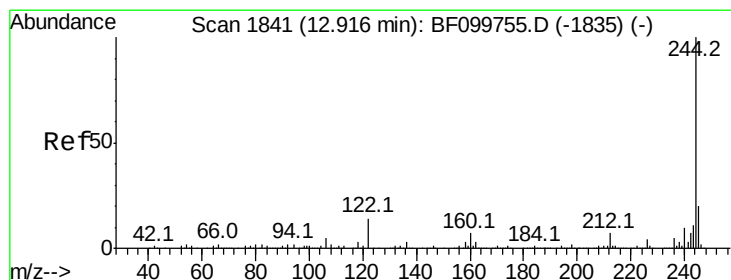
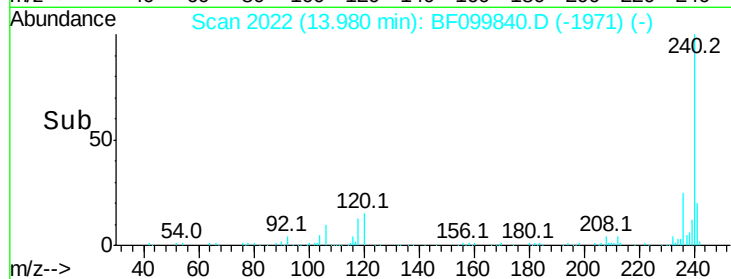
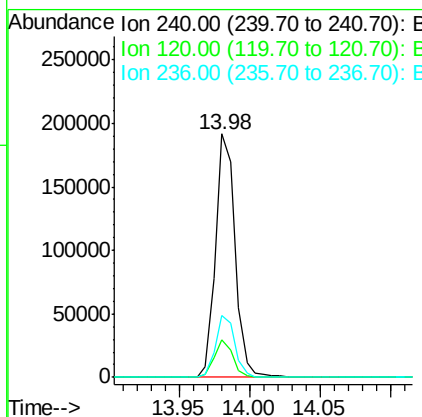
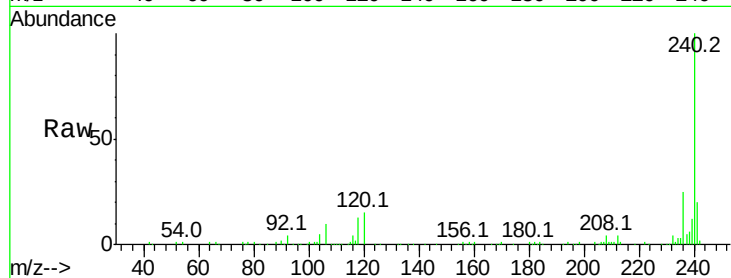




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BF099840.D
 Acq: 26 Oct 2017 4:45

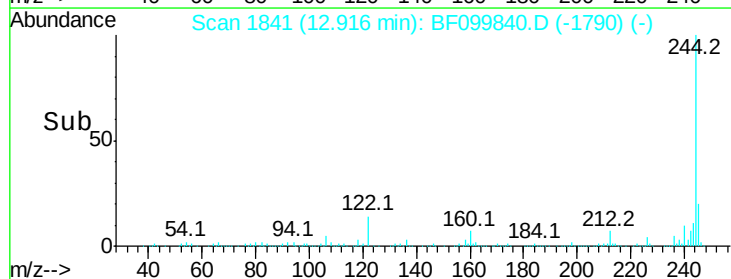
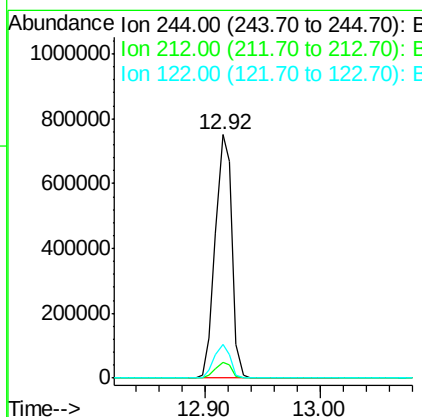
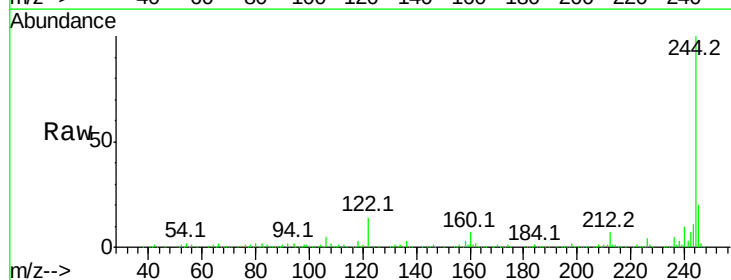
Instrument :
 BNA_F
 ClientSampleId :

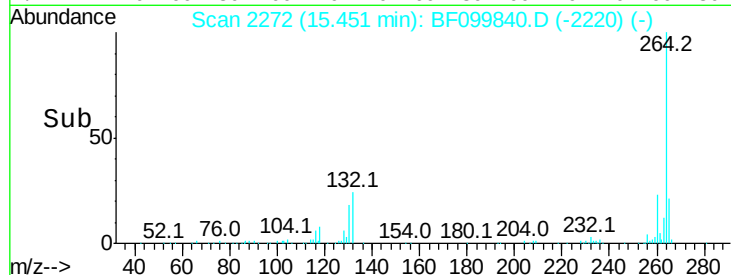
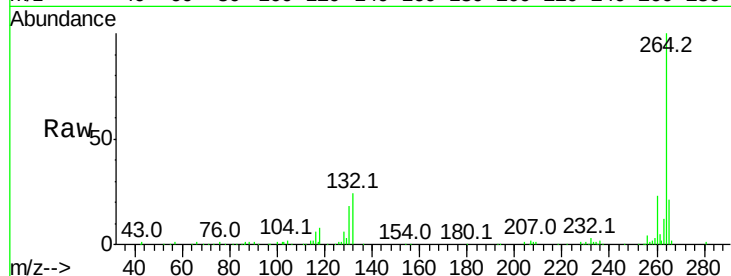
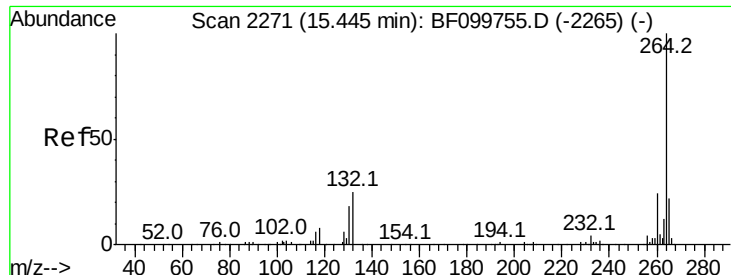
Tot Ion:240 Resp: 184999
 Ion Ratio Lower Upper
 240 100
 120 15.2 9.5 14.3#
 236 25.4 20.7 31.1



#78
 Terphenyl-d14
 Concen: 88.466 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099840.D
 Acq: 26 Oct 2017 4:45

Tgt Ion:244 Resp: 748893
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 14.0 11.0 16.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF099840.D
Acq: 26 Oct 2017 4:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	158672
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.0	17.5	26.3

