

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102617\
 Data File : BF099864.D
 Acq On : 26 Oct 2017 16:30
 Operator : SJ/JU
 Sample : I6089-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 17:13:47 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

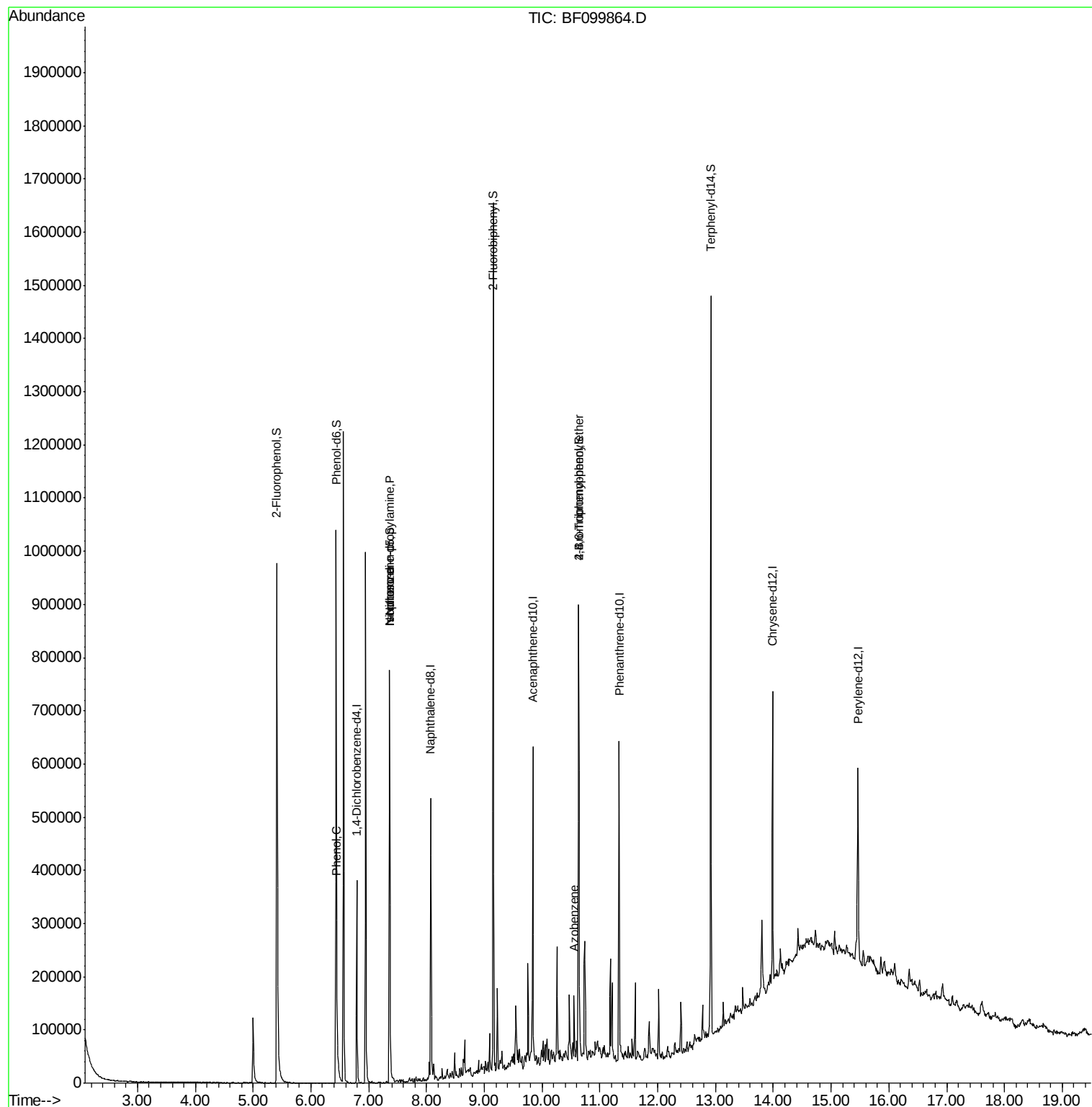
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	59495	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	247812	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	115197	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	207588	20.00	ng	0.00
75) Chrysene-d12	13.99	240	176274	20.00	ng	0.00
86) Perylene-d12	15.46	264	168864	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	366173	96.63	ng	0.00
7) Phenol-d6	6.43	99	437088	97.27	ng	0.00
23) Nitrobenzene-d5	7.36	82	247300	64.25	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	98396	93.73	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	527472	70.64	ng	0.00
78) Terphenyl-d14	12.92	244	481584	59.70	ng	0.00
Target Compounds						
10) Phenol	6.45	94	21638	4.386	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	31330	11.898	ng	# 73
25) Isophorone	7.36	82	247300	35.406	ng	# 64
62) Azobenzene	10.55	77	20587	2.757	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	6375	2.917	ng	# 1

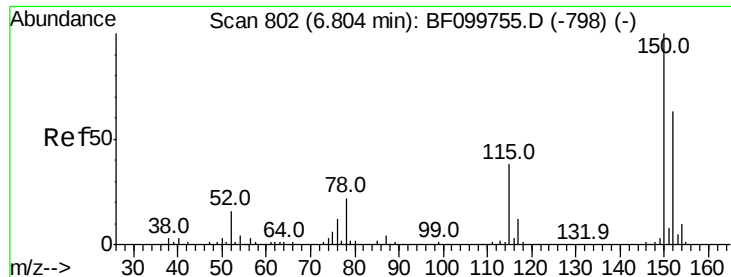
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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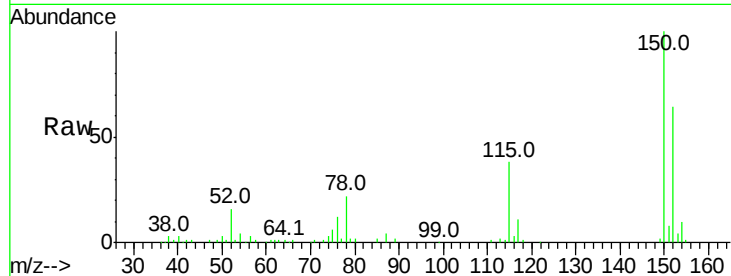


#1

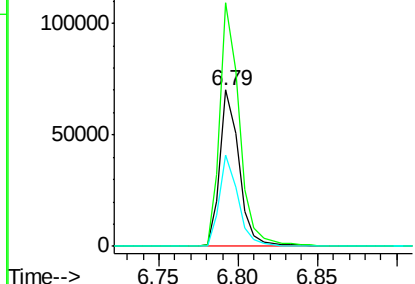
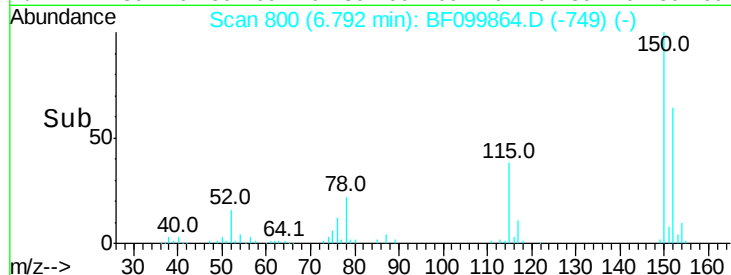
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099864.D
Acq: 26 Oct 2017 16:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 59495
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 58.7 50.1 75.1



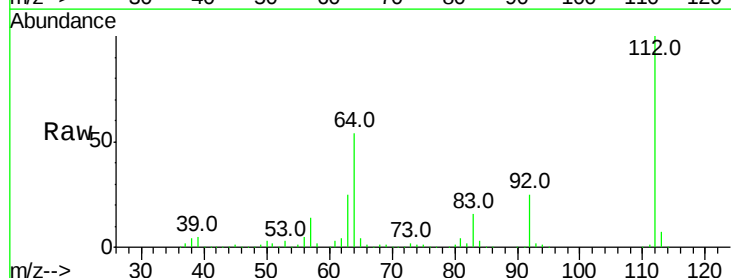
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



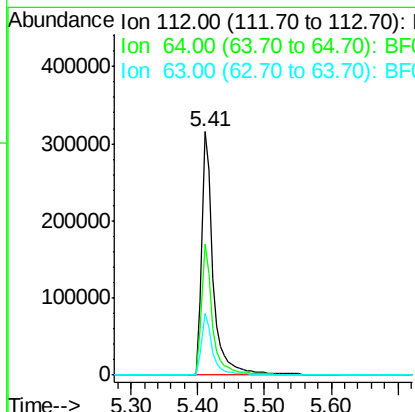
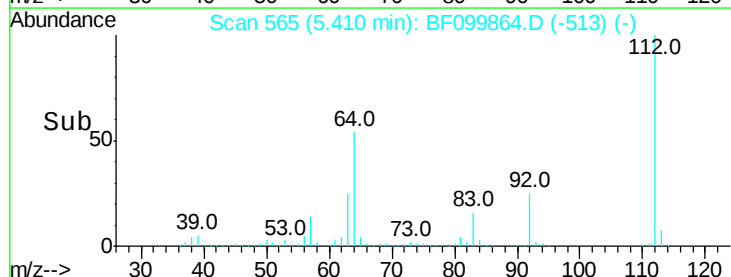
#5

2-Fluorophenol
Concen: 96.626 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099864.D
Acq: 26 Oct 2017 16:30

Tgt Ion:112 Resp: 366173
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 25.2 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: 97.274 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF099864.D

Acq: 26 Oct 2017 16:30

Instrument :

BNA_F

ClientSampleId :

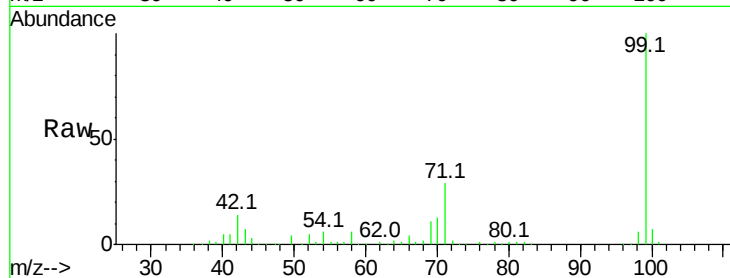
Tot Ion: 99 Resp: 437088

Ion Ratio Lower Upper

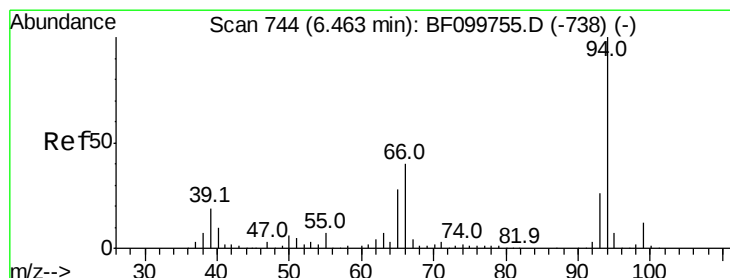
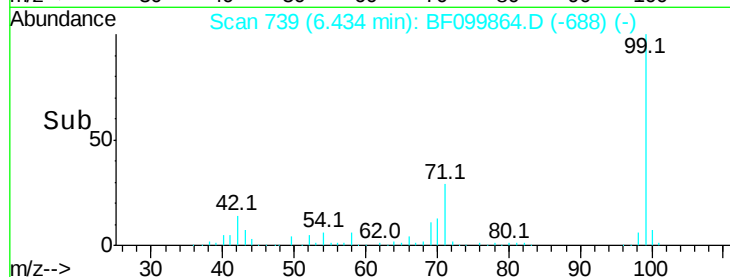
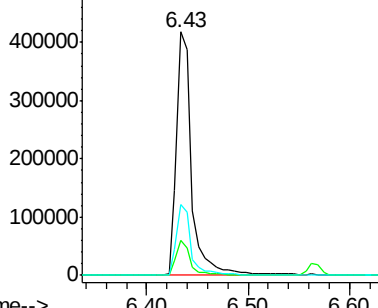
99 100

42 14.4 14.5 21.7#

71 29.3 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



#10

Phenol

Concen: 4.386 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099864.D

Acq: 26 Oct 2017 16:30

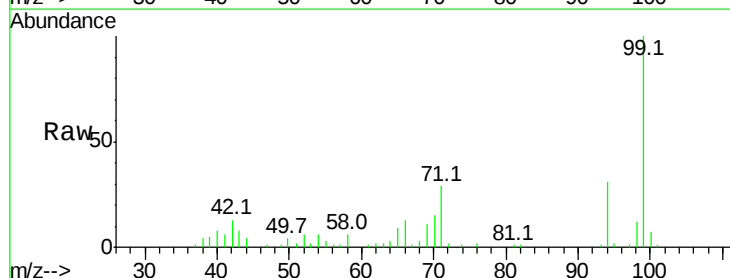
Tgt Ion: 94 Resp: 21638

Ion Ratio Lower Upper

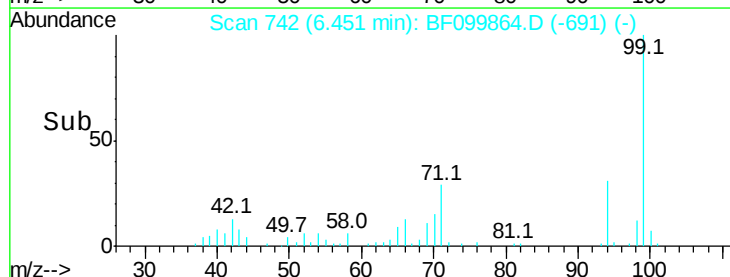
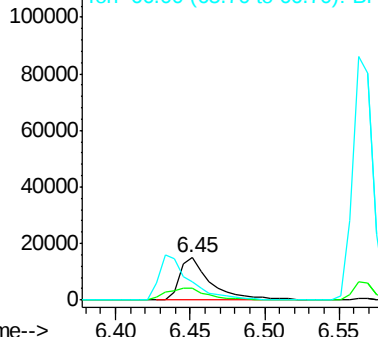
94 100

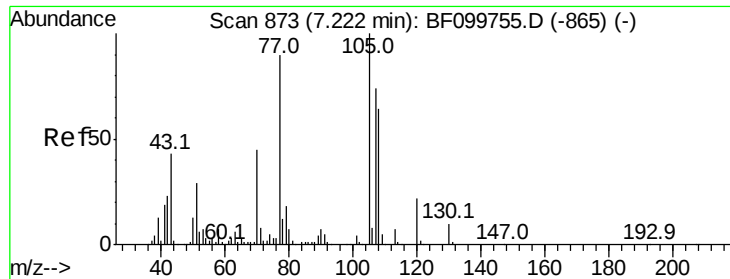
65 28.2 7.9 47.9

66 42.4 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

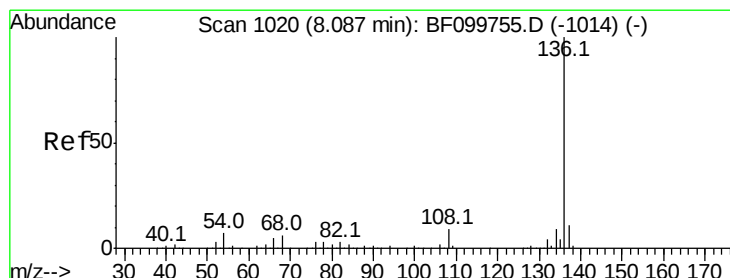
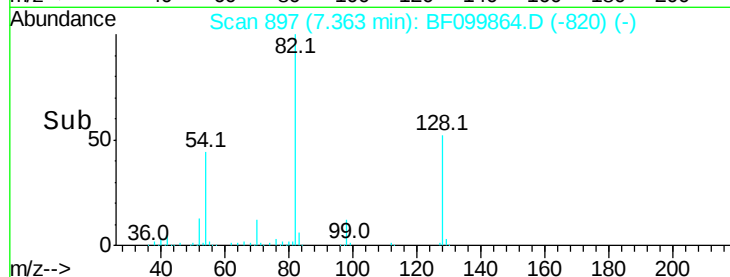
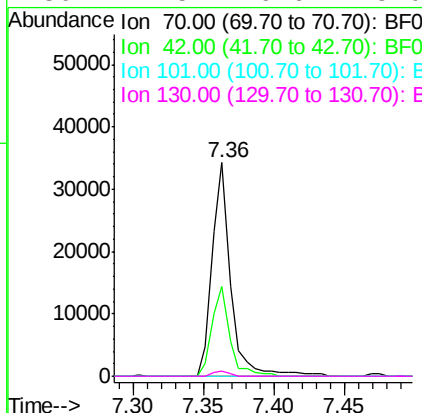
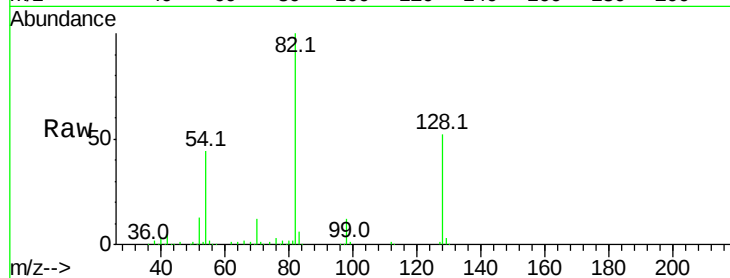




#19
n-Nitroso-di-n-propylamine
Concen: 11.898 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF099864.D
Acq: 26 Oct 2017 16:30

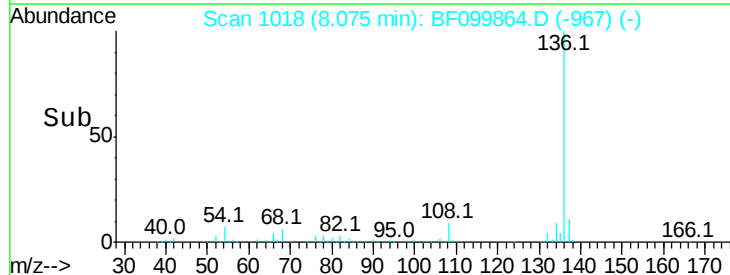
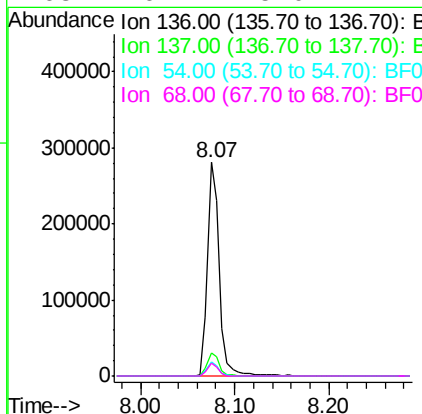
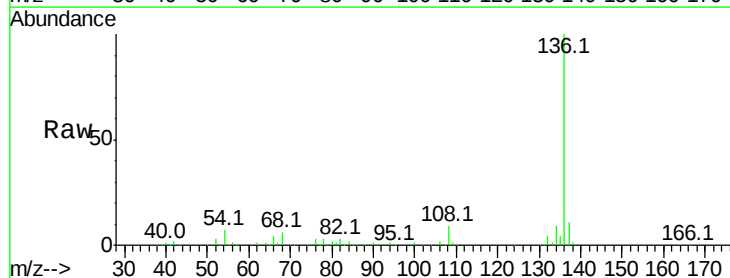
Instrument :
BNA_F
ClientSampleId :

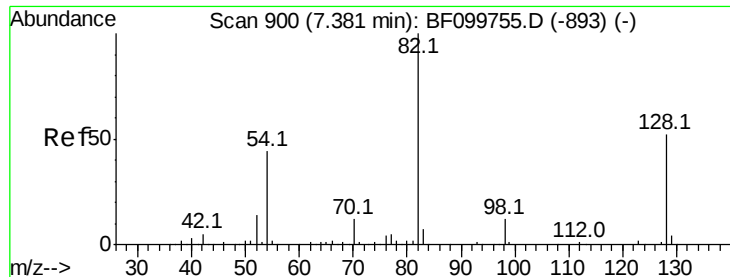
Tot Ion: 70 Resp: 31330
Ion Ratio Lower Upper
70 100
42 42.1 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF099864.D
Acq: 26 Oct 2017 16:30

Tgt Ion:136 Resp: 247812
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 6.8 6.6 9.8
68 6.2 5.0 7.4

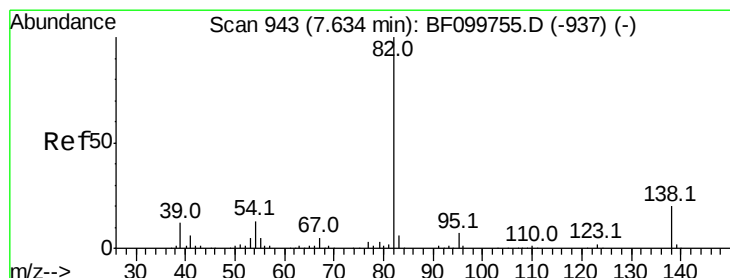
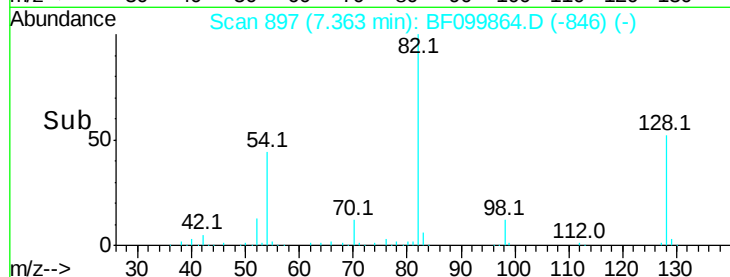
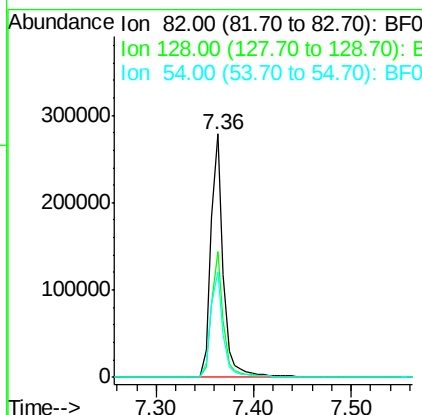
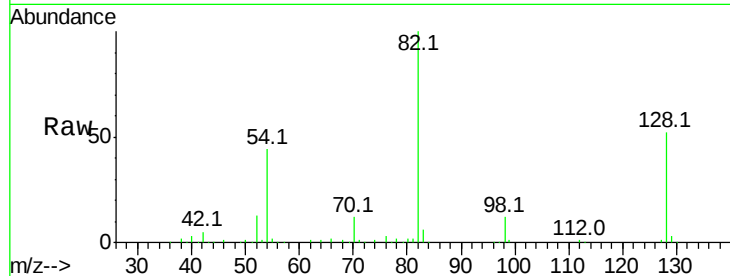




#23
 Nitrobenzene-d5
 Concen: 64.247 ng
 RT: 7.36 min Scan# 897
 Delta R.T. 0.00 min
 Lab File: BF099864.D
 Acq: 26 Oct 2017 16:30

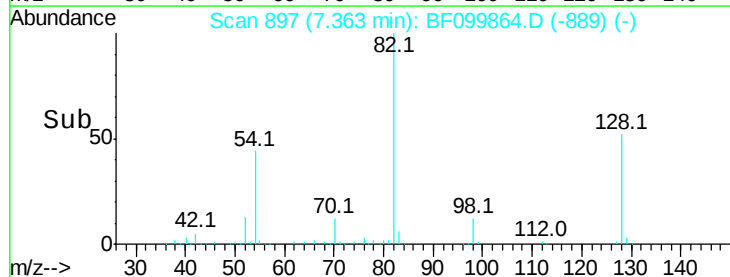
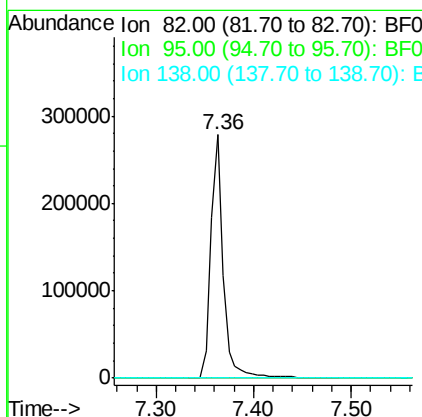
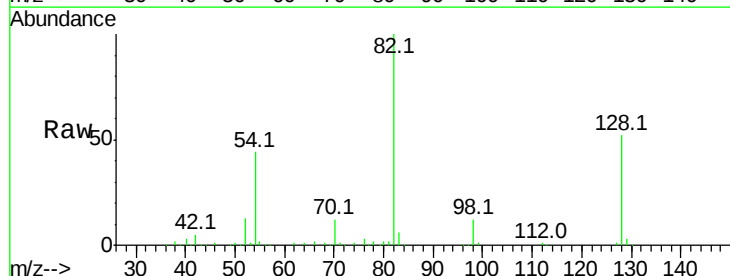
Instrument :
 BNA_F
 ClientSampleId :

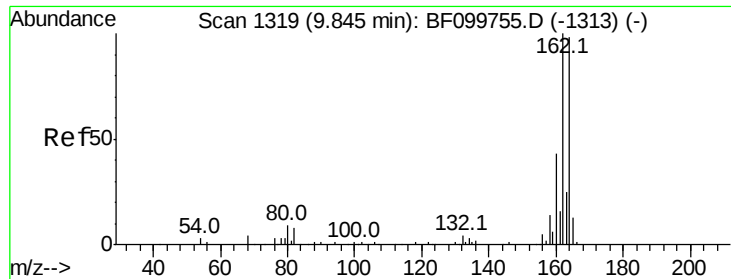
Tot Ion: 82 Resp: 247300
 Ion Ratio Lower Upper
 82 100
 128 51.6 36.1 54.1
 54 43.5 41.4 62.2



#25
 Isophorone
 Concen: 35.406 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.25 min
 Lab File: BF099864.D
 Acq: 26 Oct 2017 16:30

Tgt Ion: 82 Resp: 247300
 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: BF099864.D

Acq: 26 Oct 2017 16:30

Instrument :

BNA_F

ClientSampleId :

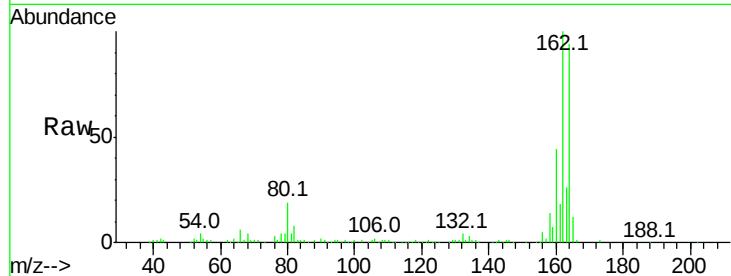
Tot Ion:164 Resp: 115197

Ion Ratio Lower Upper

164 100

162 106.3 86.1 129.1

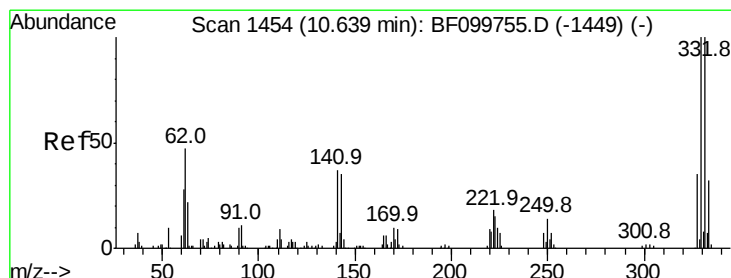
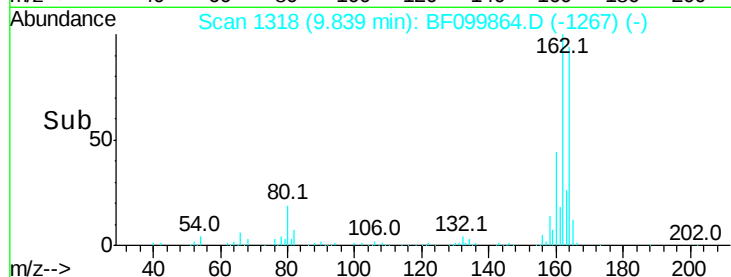
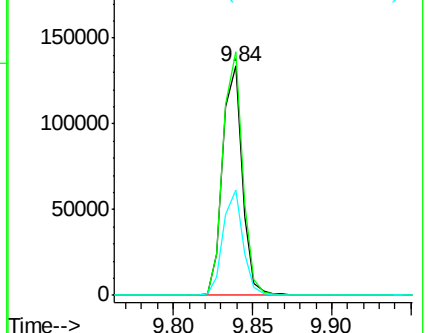
160 46.3 38.3 57.5



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: 93.727 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF099864.D

Acq: 26 Oct 2017 16:30

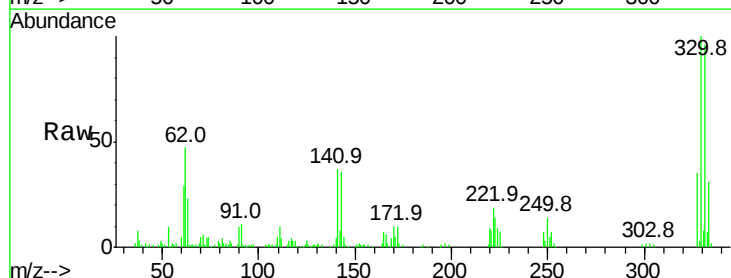
Tgt Ion:330 Resp: 98396

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

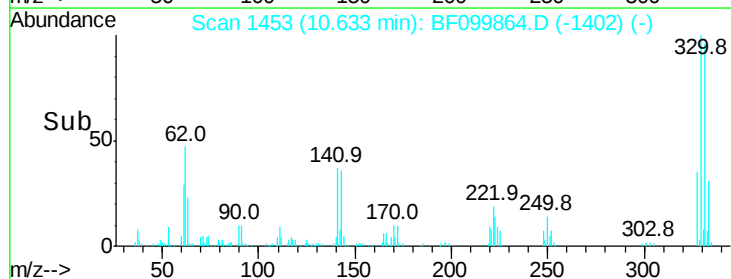
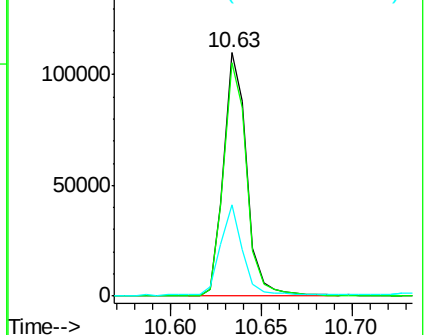
141 34.5 29.9 44.9

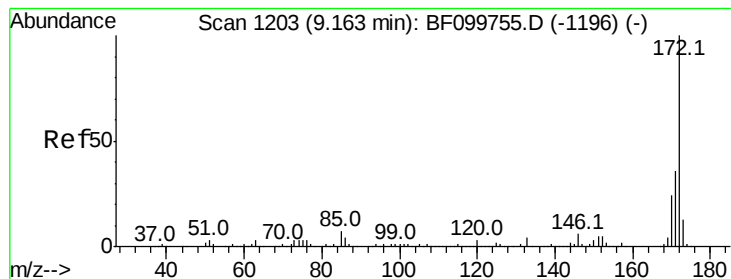


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 70.645 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BF099864.D

Acq: 26 Oct 2017 16:30

Instrument :

BNA_F

ClientSampleId :

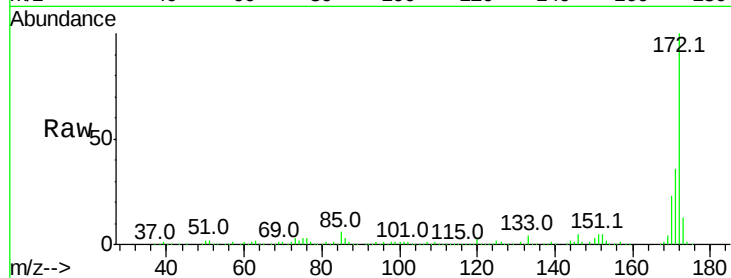
Tot Ion:172 Resp: 527472

Ion Ratio Lower Upper

172 100

171 35.6 29.7 44.5

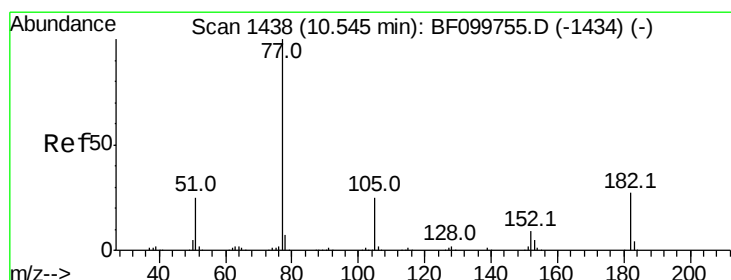
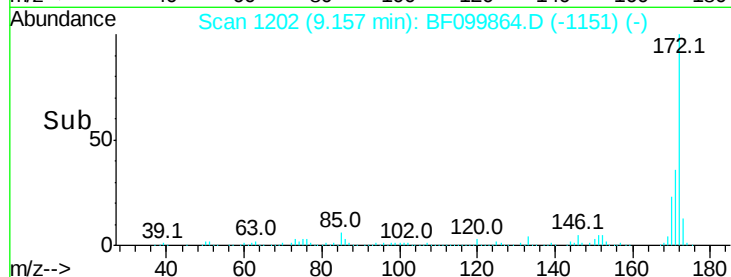
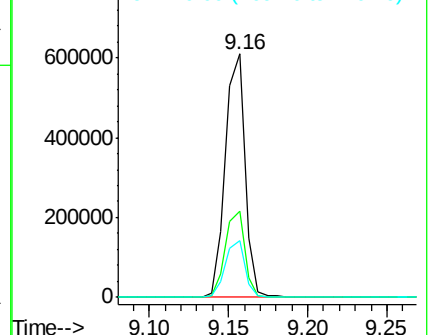
170 23.5 19.6 29.4



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



#62

Azobenzene

Concen: 2.757 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF099864.D

Acq: 26 Oct 2017 16:30

Tgt Ion: 77 Resp: 20587

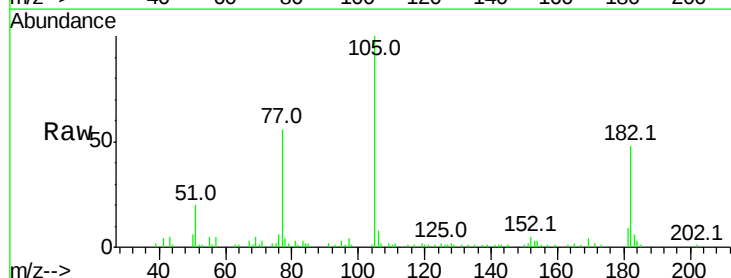
Ion Ratio Lower Upper

77 100

182 85.4 1.7 41.7#

105 178.3 3.0 43.0#

51 35.1 9.9 49.9

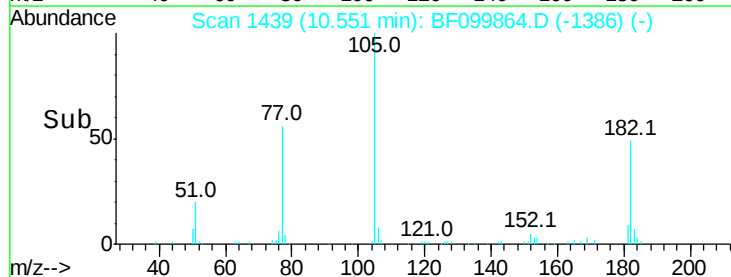
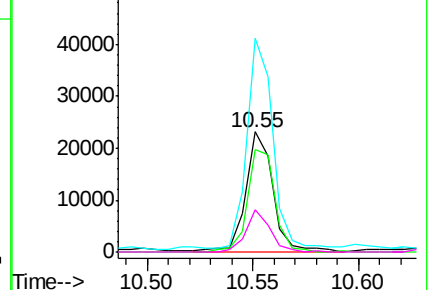


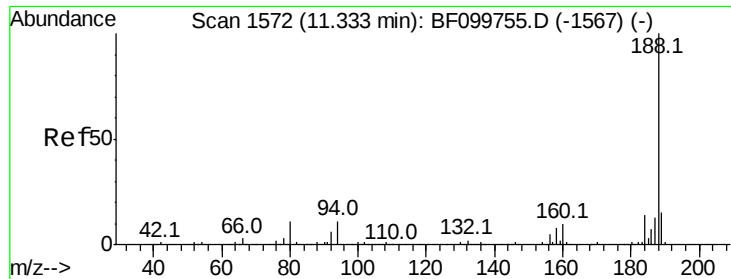
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

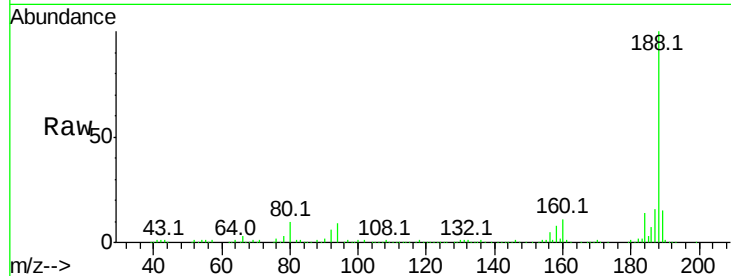




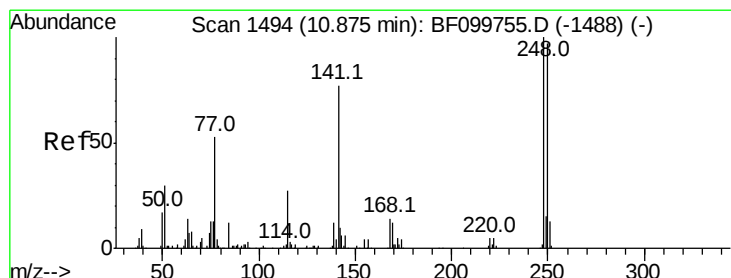
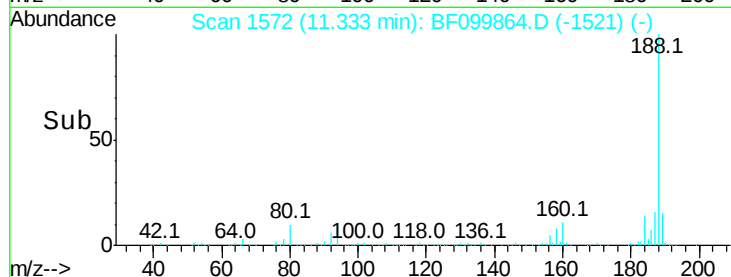
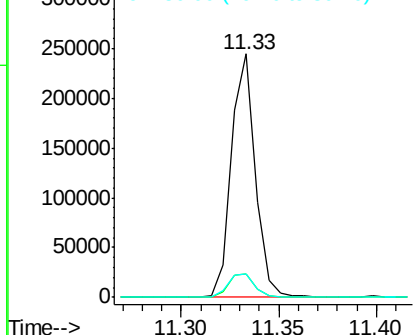
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099864.D
Acq: 26 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 207588
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.6 9.2 13.8

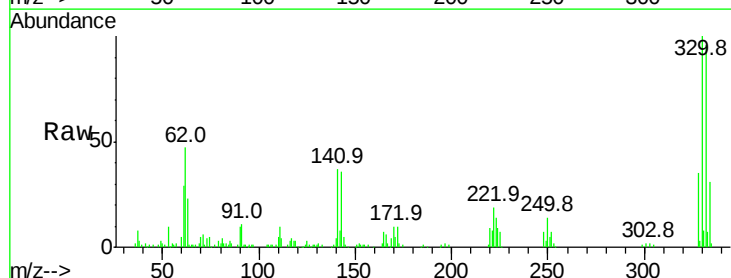


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

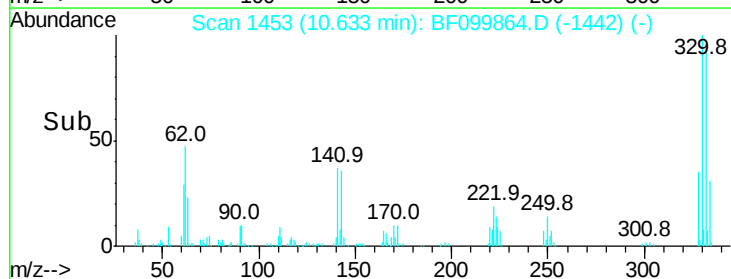
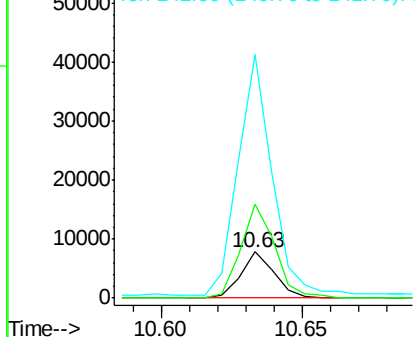


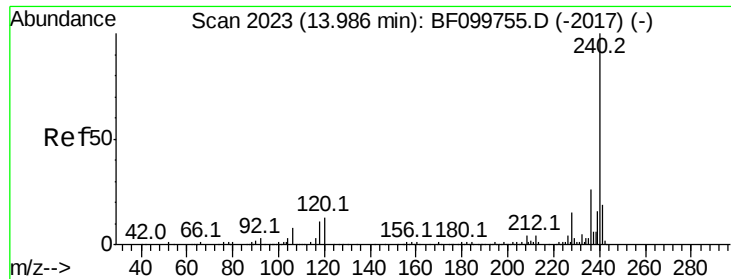
#66
4-Bromophenyl-phenylether
Concen: 2.917 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099864.D
Acq: 26 Oct 2017 16:30

Tgt Ion:248 Resp: 6375
Ion Ratio Lower Upper
248 100
250 204.4 76.9 115.3#
141 529.8 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

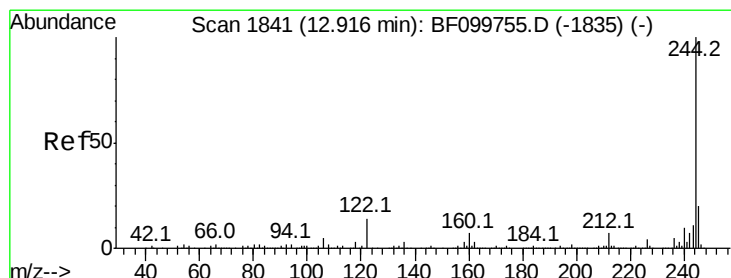
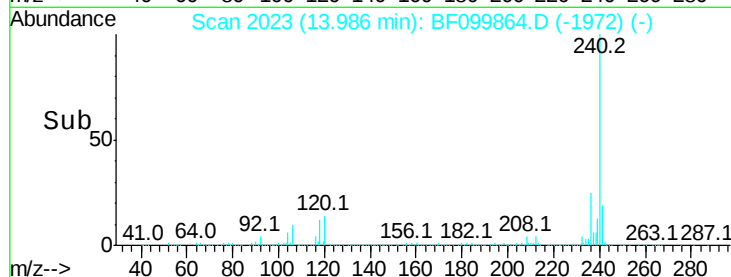
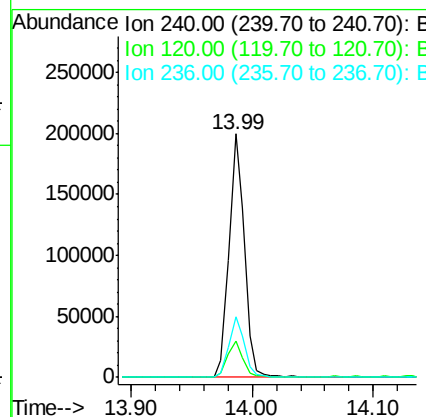
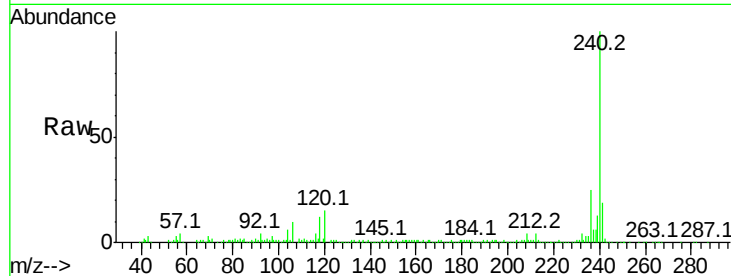




#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BF099864.D
Acq: 26 Oct 2017 16:30

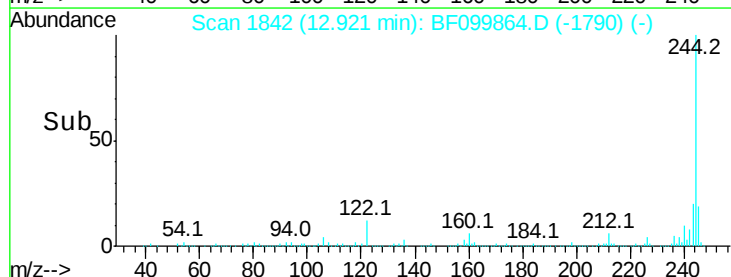
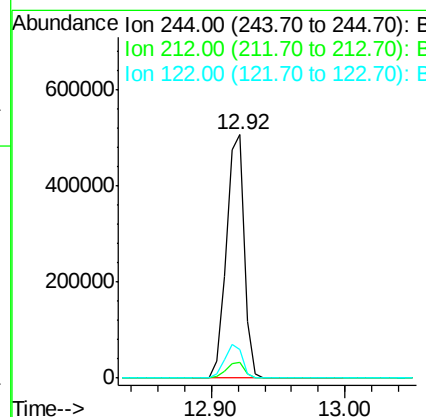
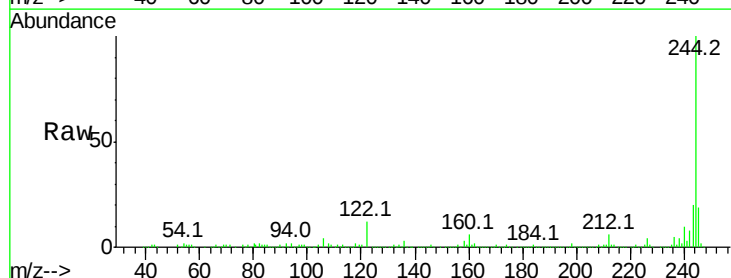
Instrument :
BNA_F
ClientSampleId :

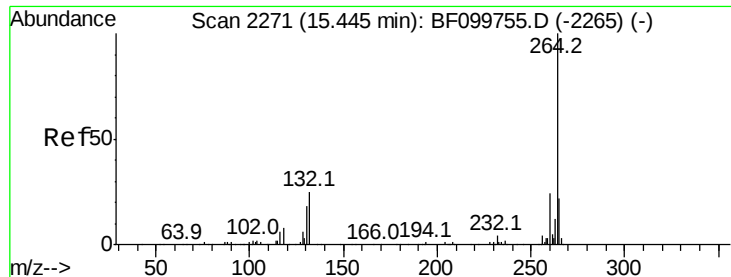
Tot Ion:240 Resp: 176274
Ion Ratio Lower Upper
240 100
120 14.7 9.5 14.3#
236 25.1 20.7 31.1



#78
Terphenyl-d14
Concen: 59.705 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BF099864.D
Acq: 26 Oct 2017 16:30

Tgt Ion:244 Resp: 481584
Ion Ratio Lower Upper
244 100
212 6.4 5.4 8.0
122 11.8 11.0 16.4

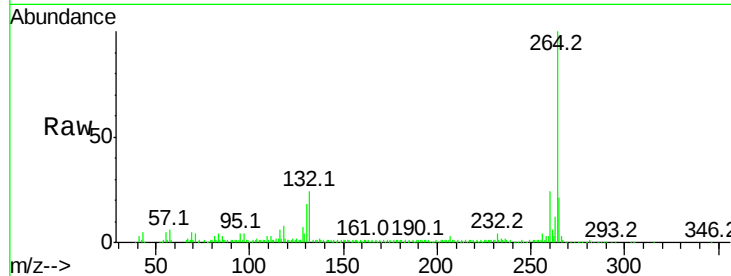




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF099864.D
Acq: 26 Oct 2017 16:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.0	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

