

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099828.D
 Acq On : 25 Oct 2017 22:11
 Operator : SJ/JU
 Sample : I6068-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Time: Oct 26 03:52:33 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

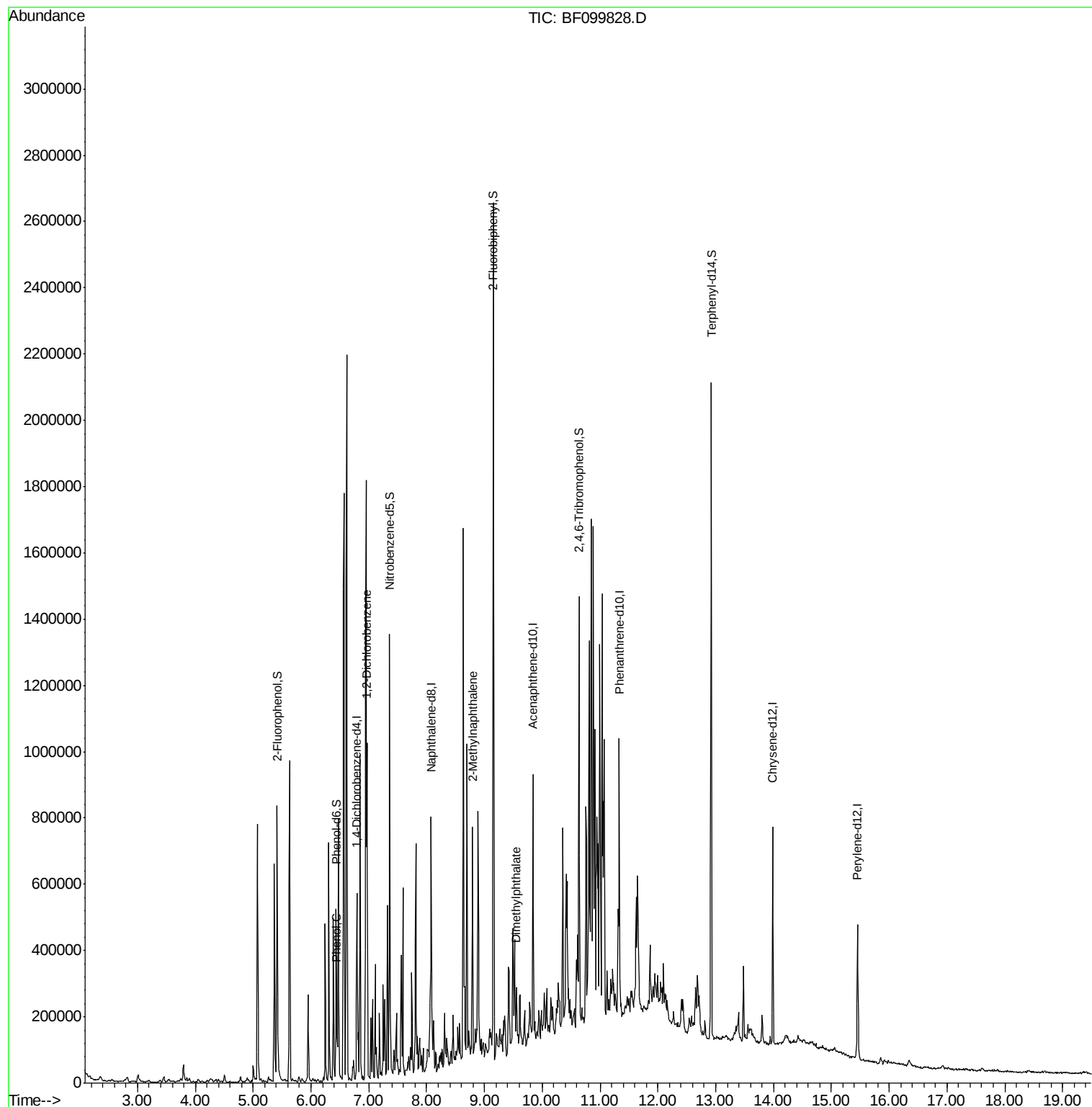
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	83892	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	334174	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	151290	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	255519	20.00	ng	0.00
75) Chrysene-d12	13.99	240	204308	20.00	ng	0.00
86) Perylene-d12	15.46	264	172754	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	301398	56.40	ng	0.00
7) Phenol-d6	6.43	99	227586	35.92	ng	0.00
23) Nitrobenzene-d5	7.36	82	411709	79.32	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	162533	117.89	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	842165	85.88	ng	0.00
78) Terphenyl-d14	12.92	244	672007	71.88	ng	0.00
Target Compounds						
10) Phenol	6.45	94	17093	2.457	ng	94
14) 1,2-Dichlorobenzene	6.96	146	77635	13.125	ng	98
37) 2-Methylnaphthalene	8.79	142	180139	16.664	ng	98
49) Dimethylphthalate	9.56	163	60304	5.033	ng	99

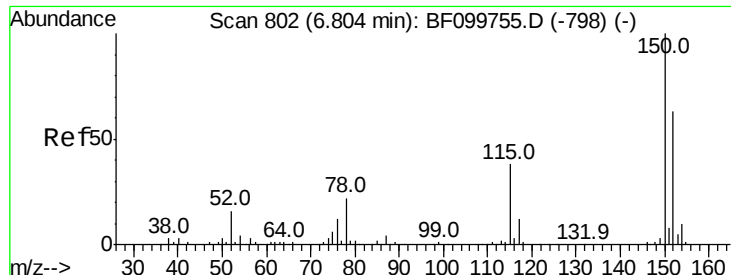
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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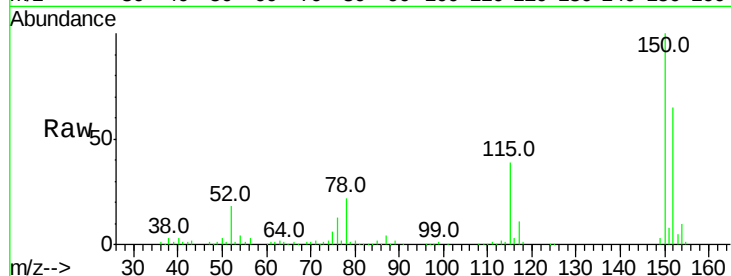


#1

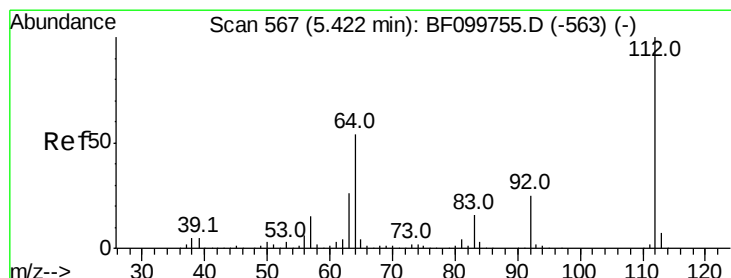
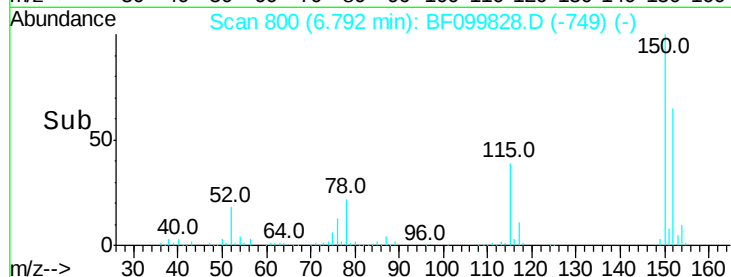
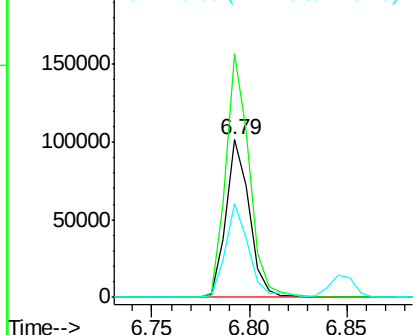
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF099828.D
Acq: 25 Oct 2017 22:11

Instrument :
BNA_F
ClientSampleId :
MW-03

Tot Ion:152 Resp: 83892
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 59.4 50.1 75.1



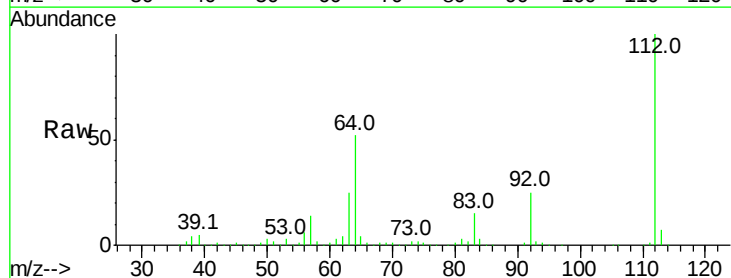
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



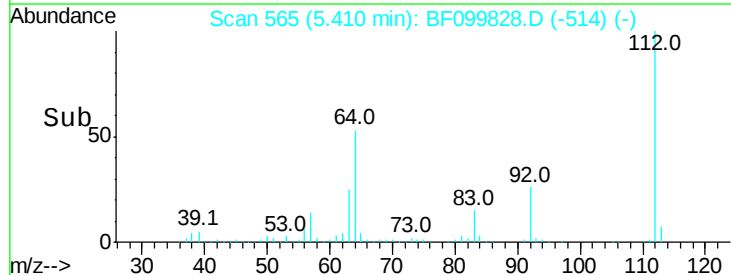
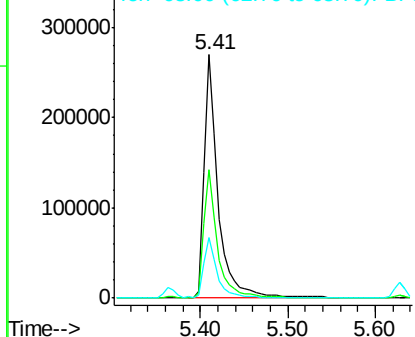
#5

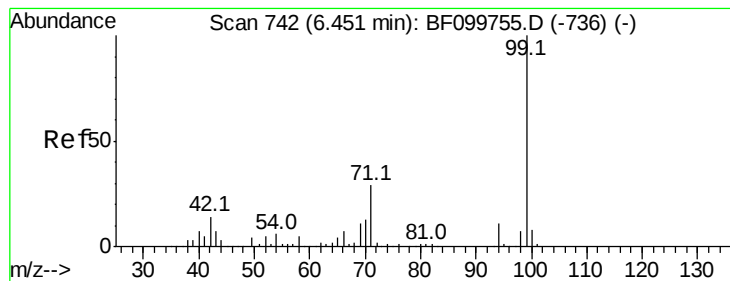
2-Fluorophenol
Concen: 56.404 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF099828.D
Acq: 25 Oct 2017 22:11

Tgt Ion:112 Resp: 301398
Ion Ratio Lower Upper
112 100
64 52.5 47.9 71.9
63 25.0 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: 35.920 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099828.D

Acq: 25 Oct 2017 22:11

Instrument :

BNA_F

ClientSampled :

MW-03

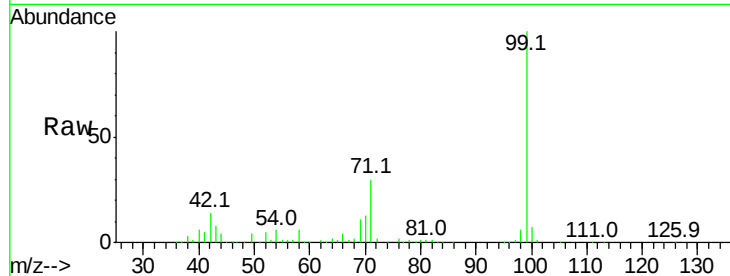
Tot Ion: 99 Resp: 227586

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

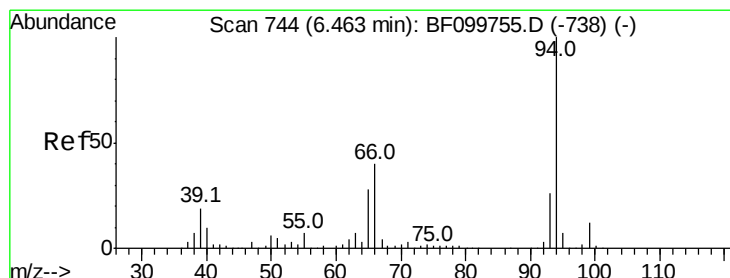
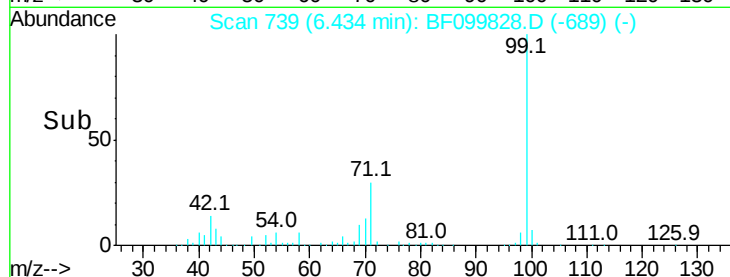
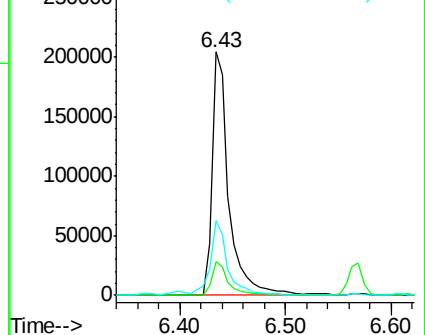
71 30.5 25.4 38.0



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



#10

Phenol

Concen: 2.457 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF099828.D

Acq: 25 Oct 2017 22:11

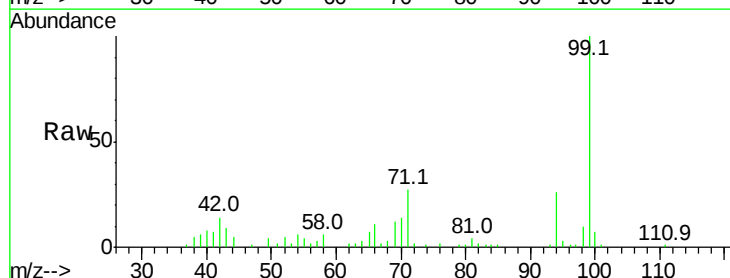
Tgt Ion: 94 Resp: 17093

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

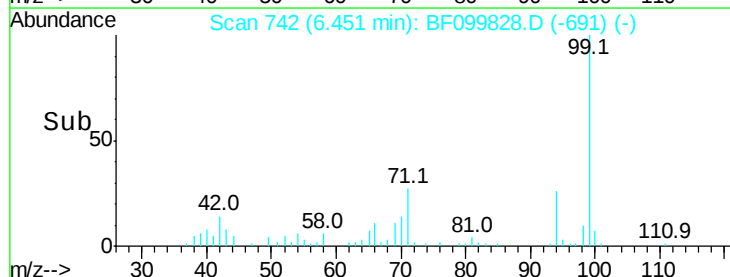
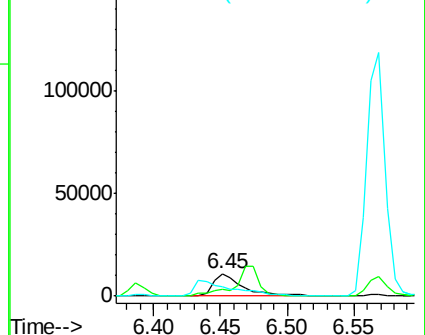
66 41.6 16.2 56.2

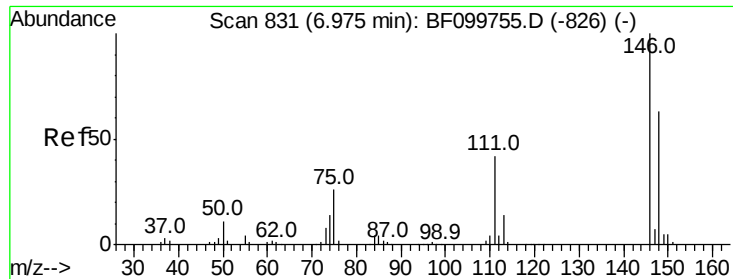


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

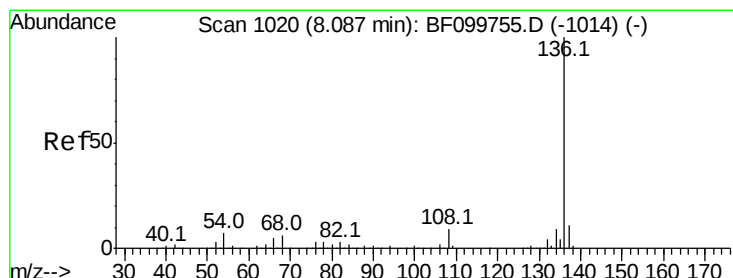
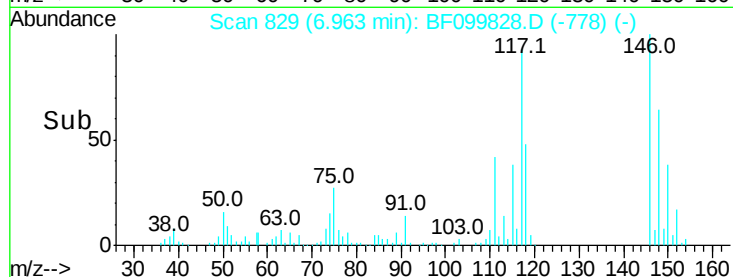
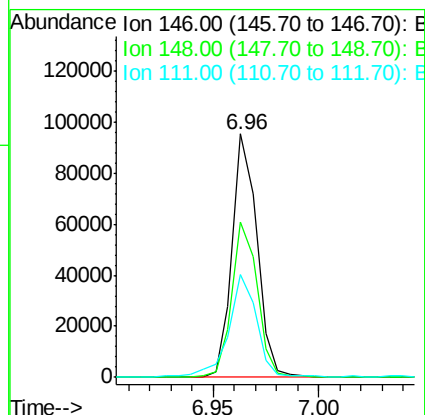
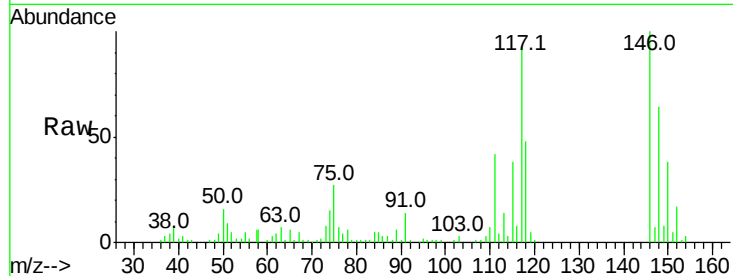




#14
1,2-Dichlorobenzene
Concen: 13.125 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF099828.D
Acq: 25 Oct 2017 22:11

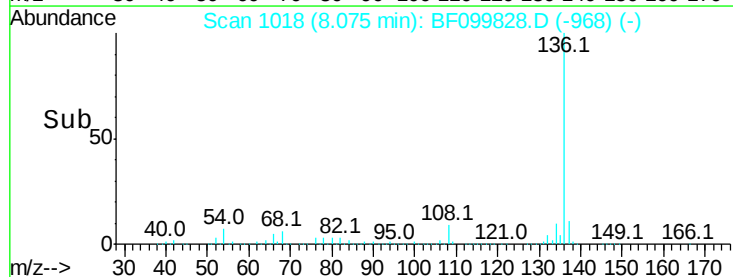
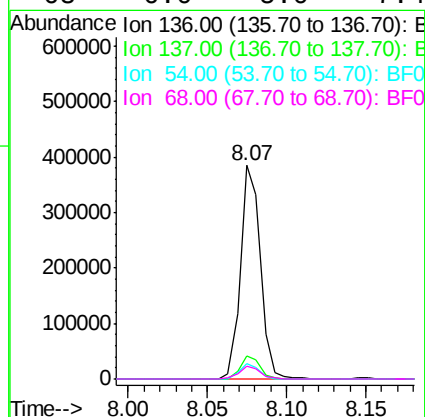
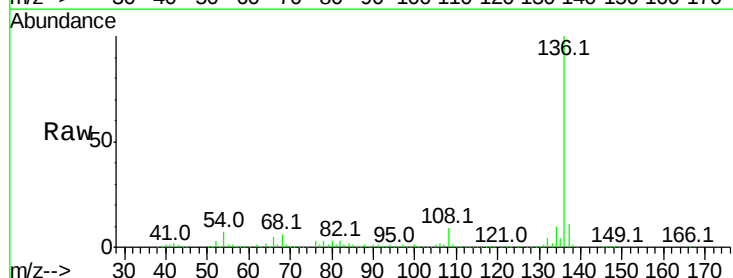
Instrument :
BNA_F
ClientSampleId :
MW-03

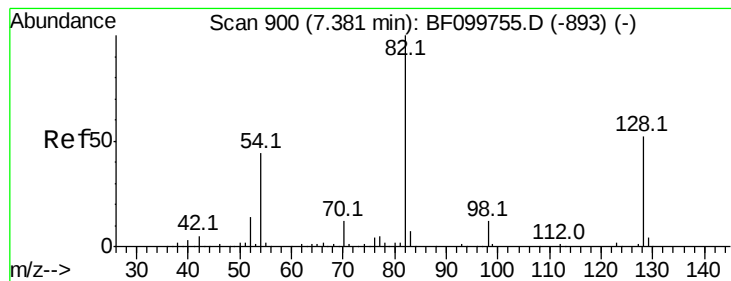
Tot Ion:146 Resp: 77635
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
111 42.1 36.0 54.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099828.D
Acq: 25 Oct 2017 22:11

Tgt Ion:136 Resp: 334174
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.1 6.6 9.8
68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 79.318 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF099828.D

Acq: 25 Oct 2017 22:11

Instrument :

BNA_F

ClientSampled :

MW-03

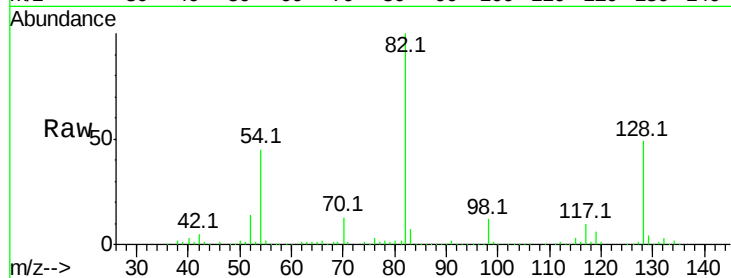
Tot Ion: 82 Resp: 411709

Ion Ratio Lower Upper

82 100

128 49.2 36.1 54.1

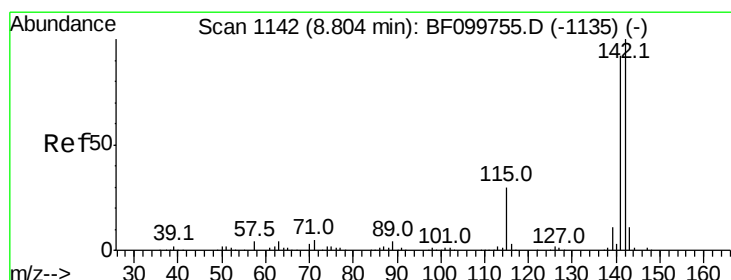
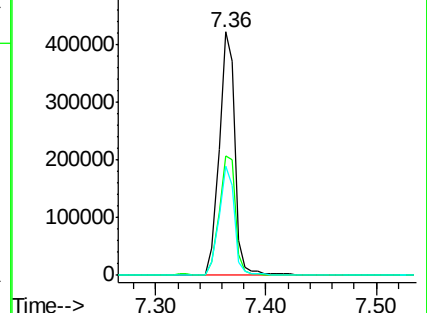
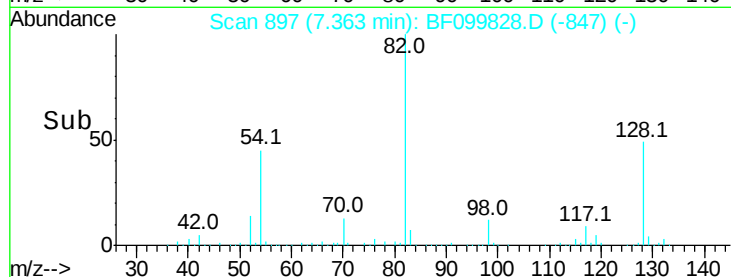
54 44.7 41.4 62.2



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



#37

2-Methylnaphthalene

Concen: 16.664 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF099828.D

Acq: 25 Oct 2017 22:11

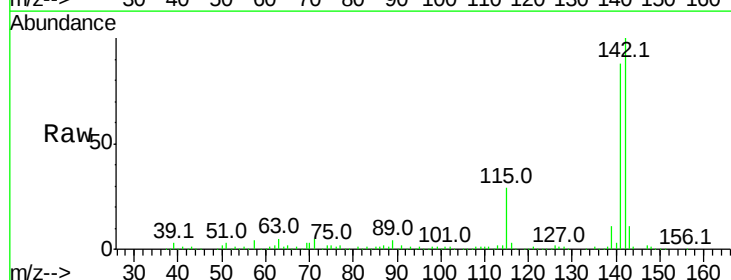
Tgt Ion:142 Resp: 180139

Ion Ratio Lower Upper

142 100

141 88.5 70.8 106.2

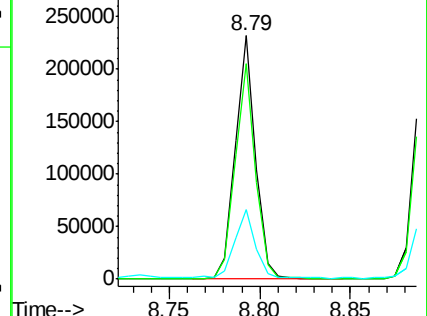
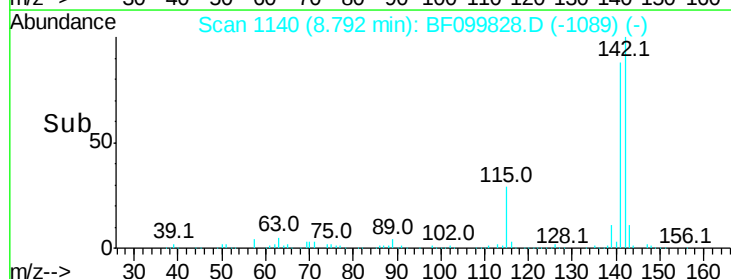
115 28.8 26.1 39.1

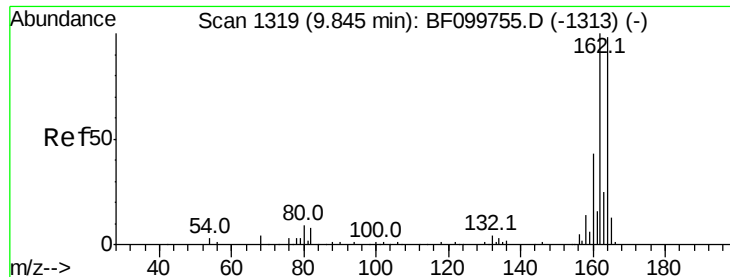


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF099828.D

Acq: 25 Oct 2017 22:11

Instrument :

BNA_F

ClientSampled :

MW-03

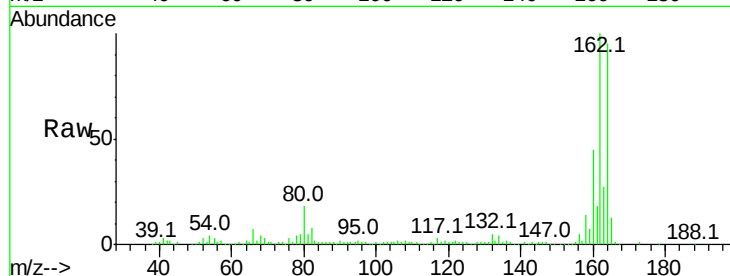
Tot Ion:164 Resp: 151290

Ion Ratio Lower Upper

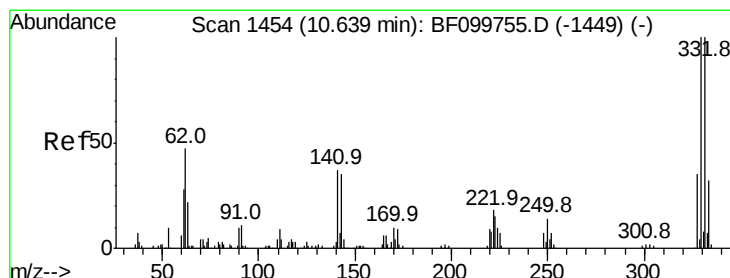
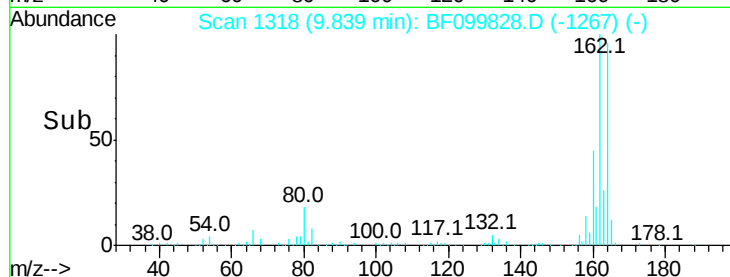
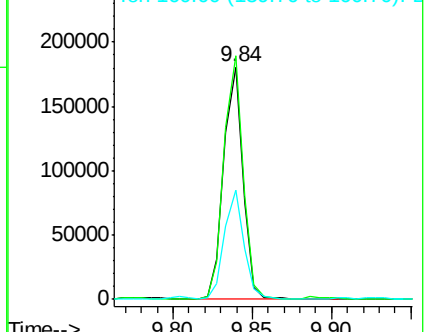
164 100

162 104.8 86.1 129.1

160 46.9 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: 117.886 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BF099828.D

Acq: 25 Oct 2017 22:11

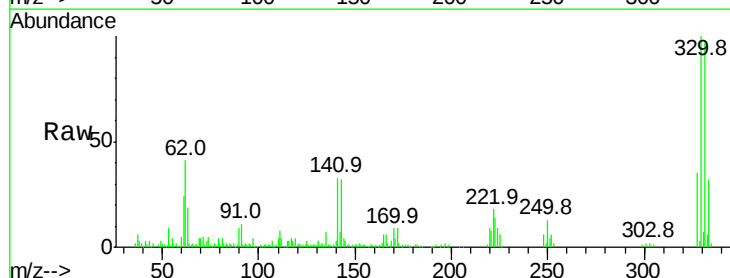
Tgt Ion:330 Resp: 162533

Ion Ratio Lower Upper

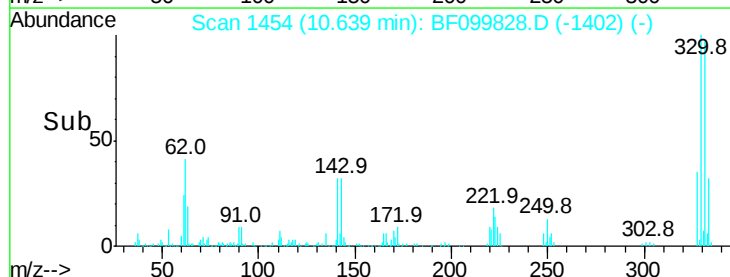
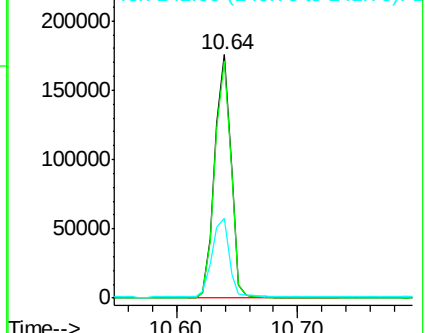
330 100

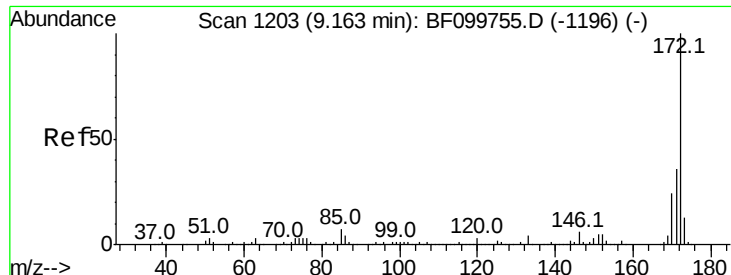
332 96.4 77.0 115.6

141 33.5 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

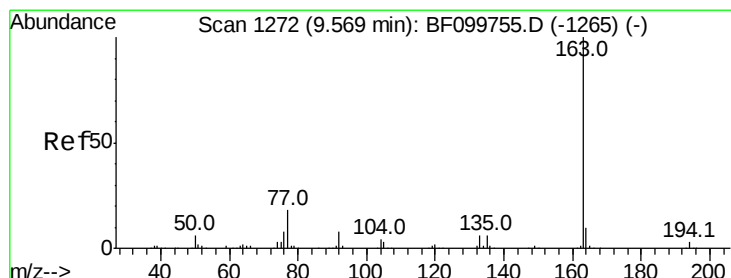
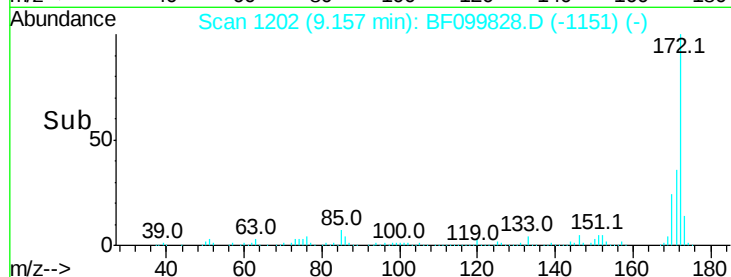
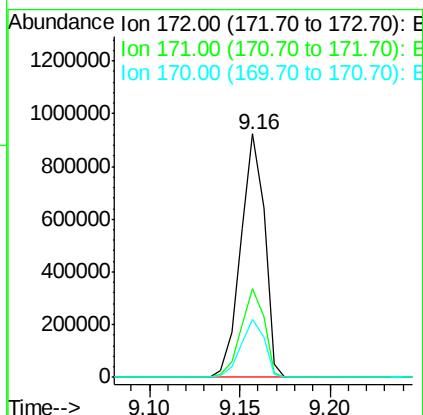
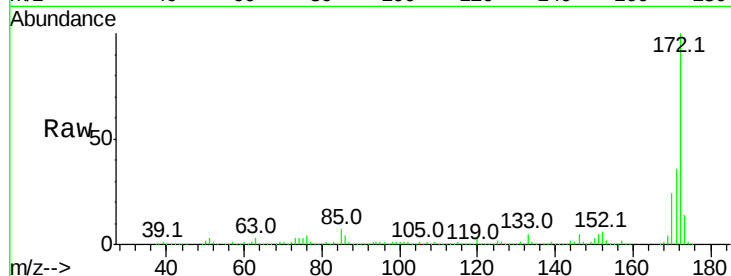




#44
 2-Fluorobiphenyl
 Concen: 85.883 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BF099828.D
 Acq: 25 Oct 2017 22:11

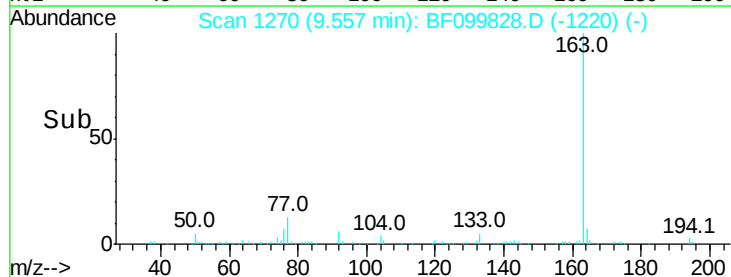
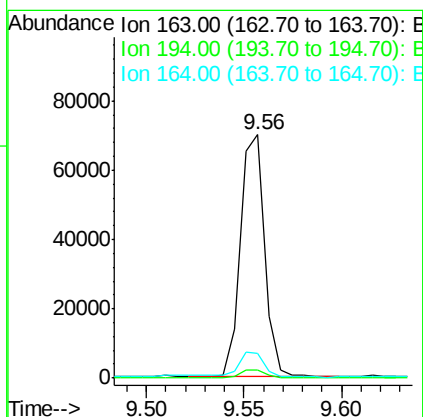
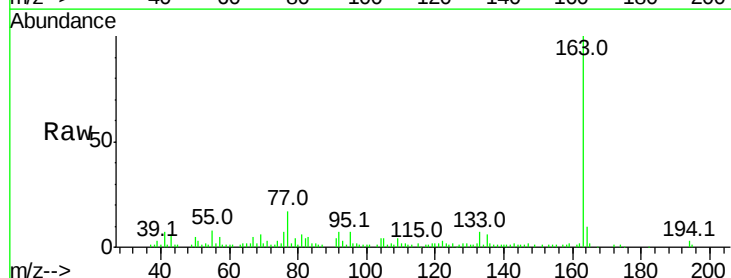
Instrument :
 BNA_F
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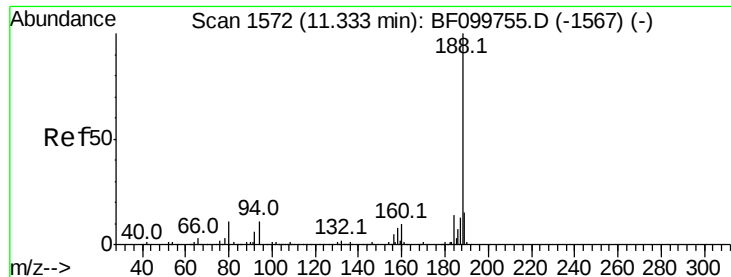
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.1	19.6	29.4



#49
 Dimethylphthalate
 Concen: 5.033 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BF099828.D
 Acq: 25 Oct 2017 22:11

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.9	8.2	12.2

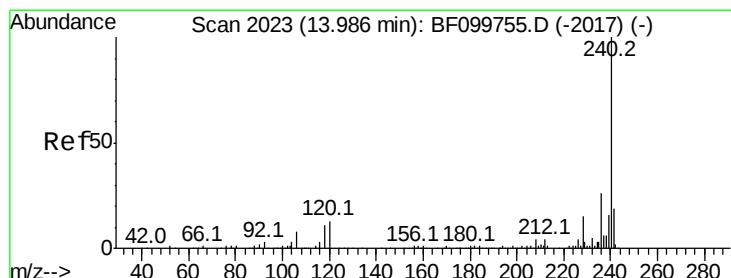
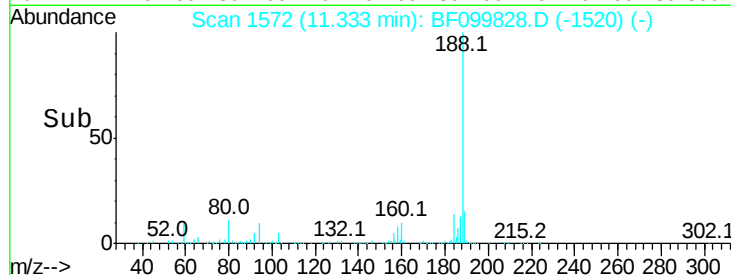
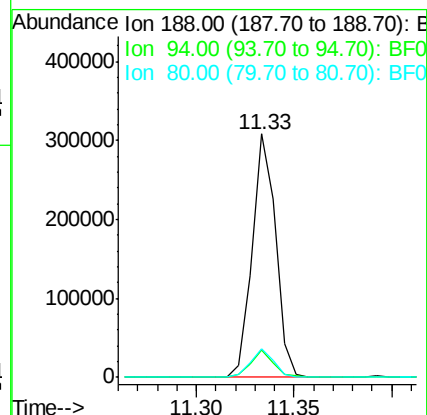
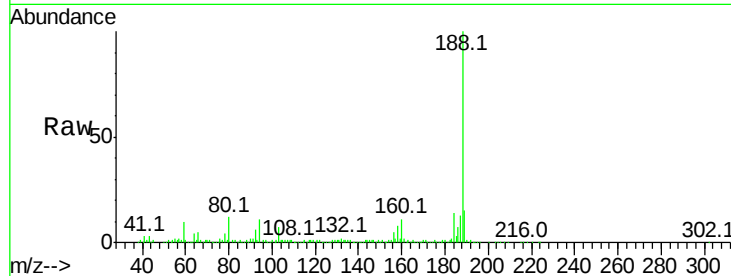




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF099828.D
Acq: 25 Oct 2017 22:11

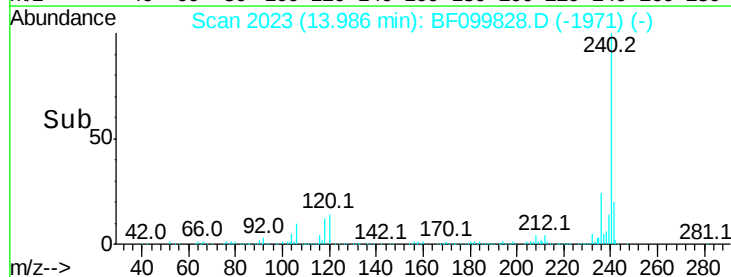
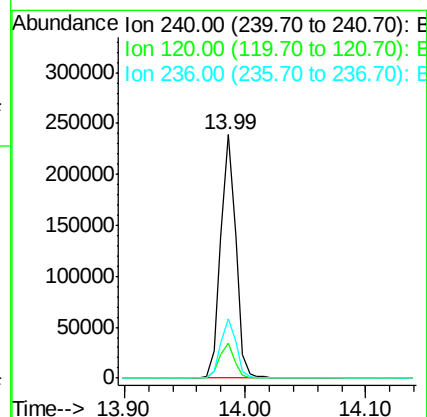
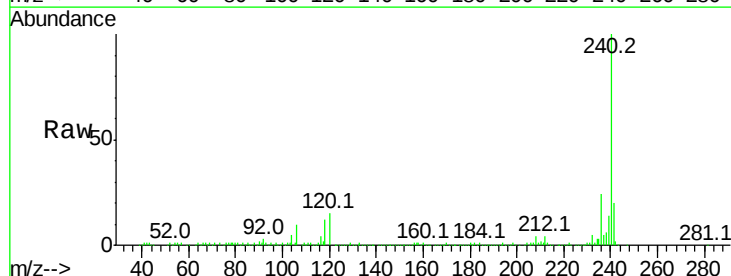
Instrument :
BNA_F
ClientSampleId :
MW-03

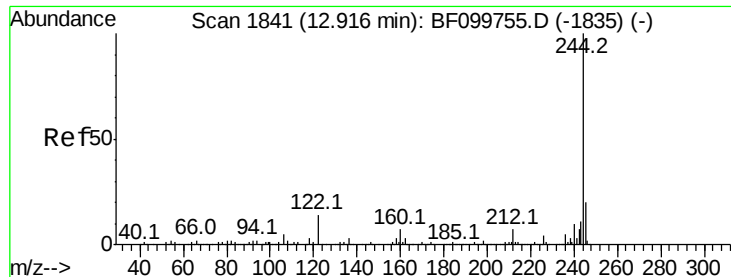
Tot Ion:188 Resp: 255519
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.01 min
Lab File: BF099828.D
Acq: 25 Oct 2017 22:11

Tgt Ion:240 Resp: 204308
Ion Ratio Lower Upper
240 100
120 14.5 9.5 14.3#
236 24.3 20.7 31.1





#78

Terphenyl-d14

Concen: 71.881 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BF099828.D

Acq: 25 Oct 2017 22:11

Instrument :

BNA_F

ClientSampled :

MW-03

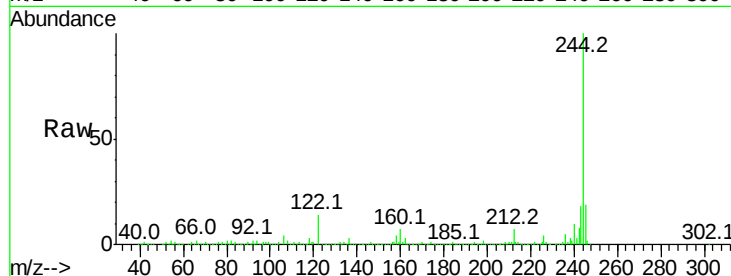
Tot Ion:244 Resp: 672007

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

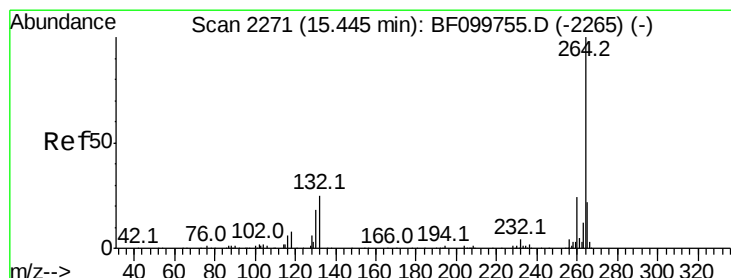
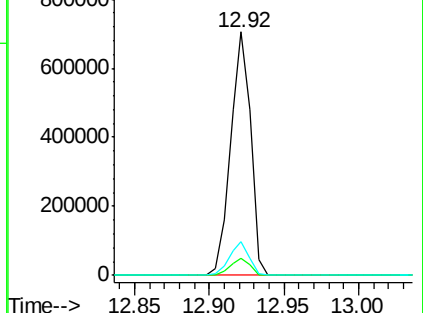
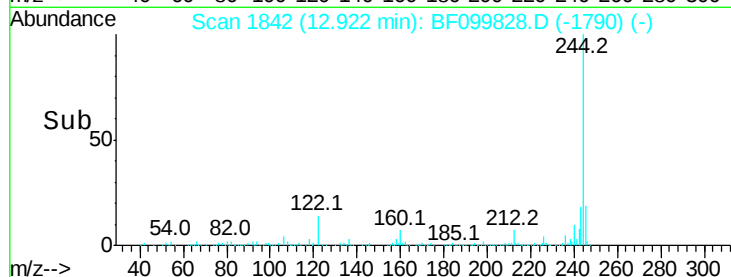
122 13.9 11.0 16.4



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: BF099828.D

Acq: 25 Oct 2017 22:11

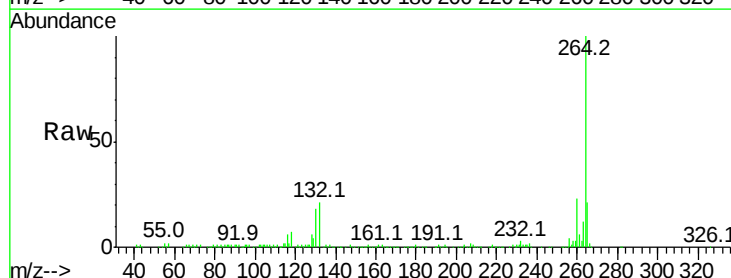
Tgt Ion:264 Resp: 172754

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.6 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

