

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099663.D
 Acq On : 19 Oct 2017 18:06
 Operator : SJ/JU
 Sample : I5869-02RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5S-10-11-17RE

Quant Time: Oct 20 13:15:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

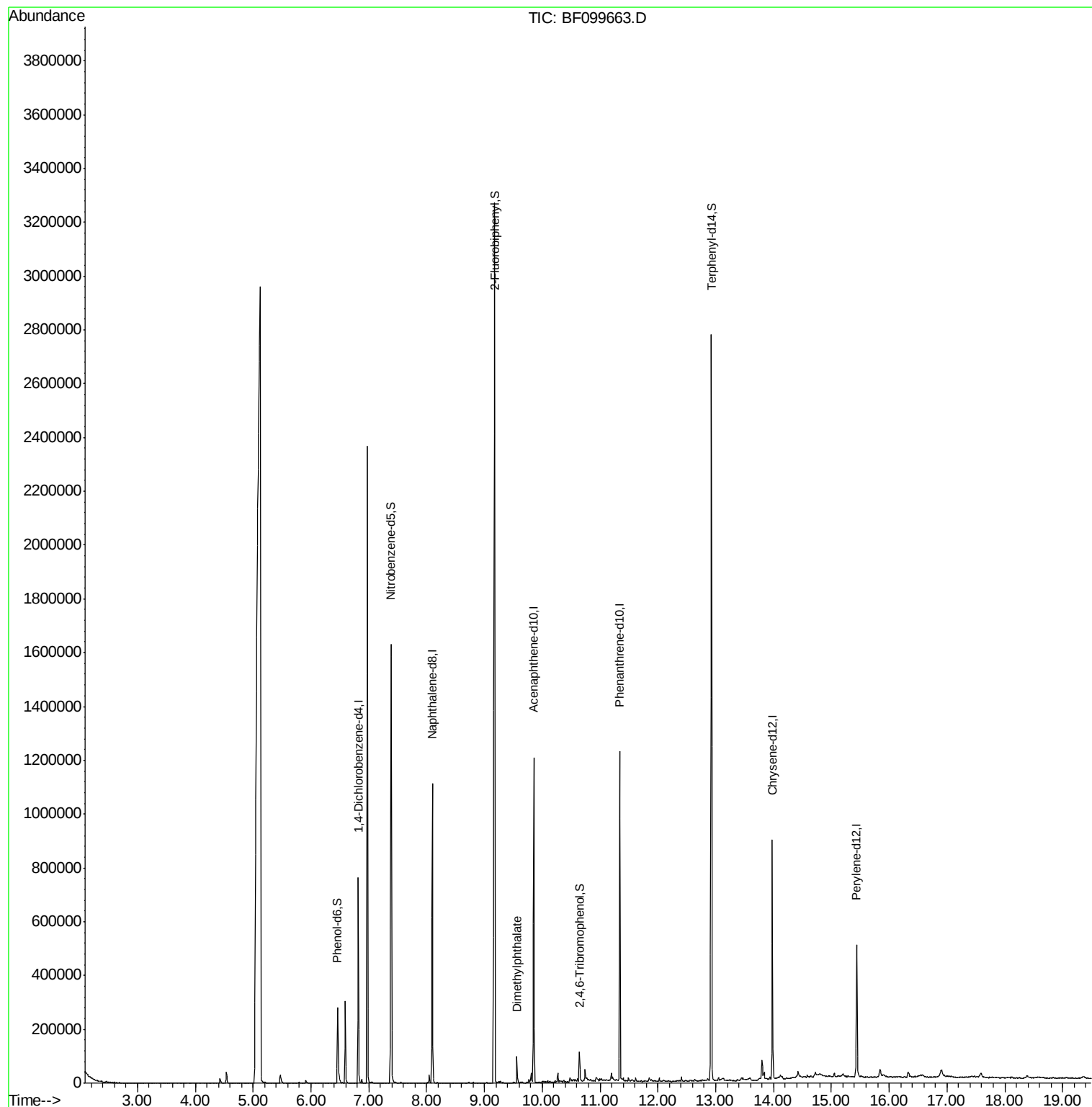
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	124011	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	508447	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	238345	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	421329	20.00	ng	0.00
75) Chrysene-d12	13.98	240	272181	20.00	ng	0.00
86) Perylene-d12	15.44	264	213004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	15578	2.00	ng	0.03
7) Phenol-d6	6.46	99	121757	12.67	ng	0.00
23) Nitrobenzene-d5	7.39	82	667880	84.24	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	13403	6.87	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1239787	86.84	ng	0.00
78) Terphenyl-d14	12.93	244	1030322	86.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	42932	2.387	ng	Qvalue 99

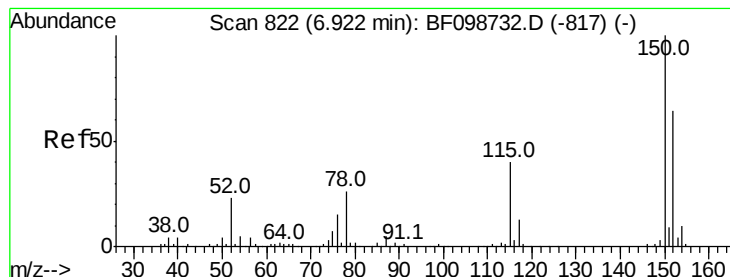
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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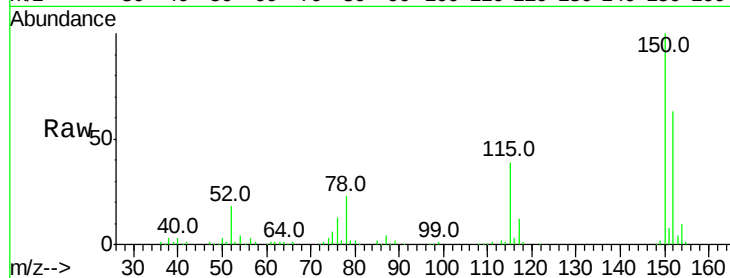


#1

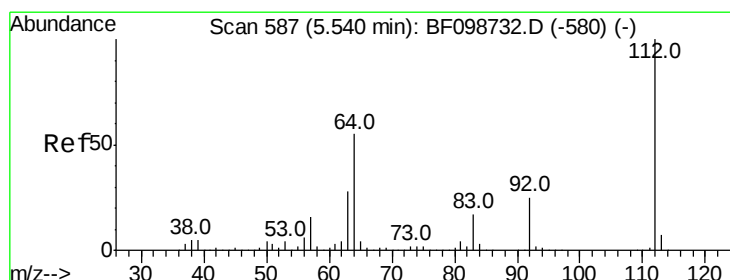
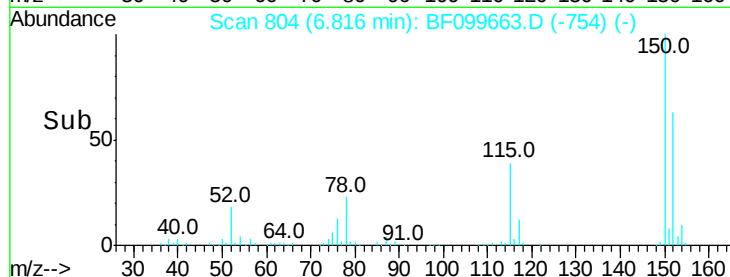
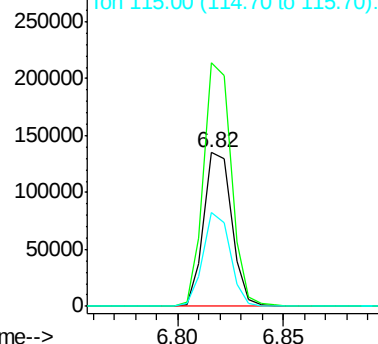
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

Instrument :
BNA_F
ClientSampleId :
MW-5S-10-11-17RE

Tot Ion:152 Resp: 124011
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 61.3 50.1 75.1



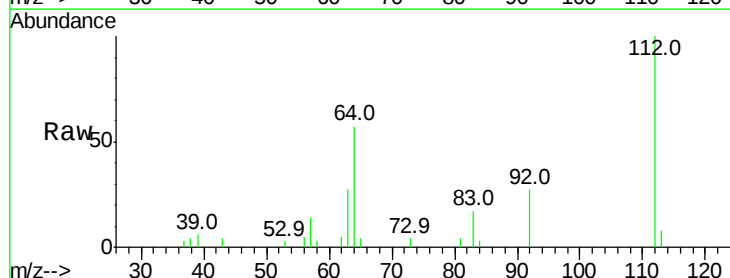
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



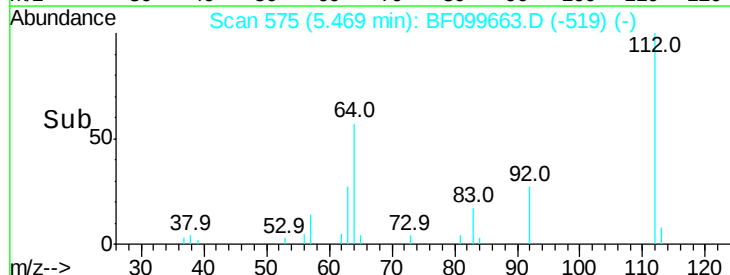
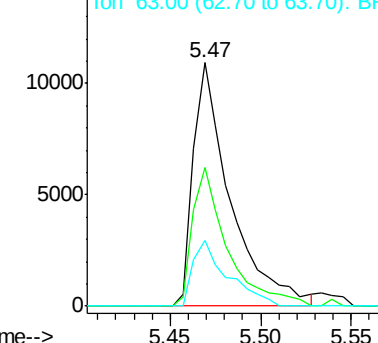
#5

2-Fluorophenol
Concen: 2.000 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.03 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

Tgt Ion:112 Resp: 15578
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 27.1 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: 12.670 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099663.D

Acq: 19 Oct 2017 18:06

Instrument :

BNA_F

ClientSampleId :

MW-5S-10-11-17RE

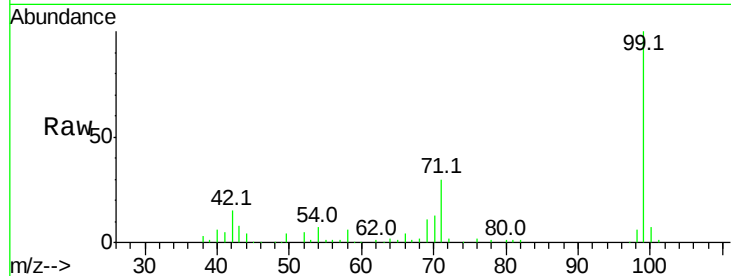
Tot Ion: 99 Resp: 121757

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

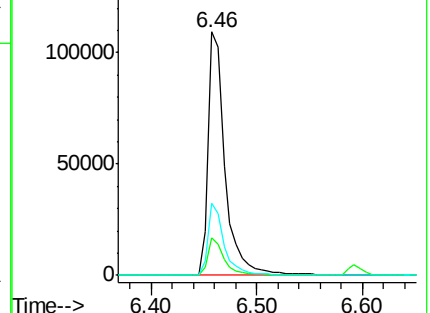
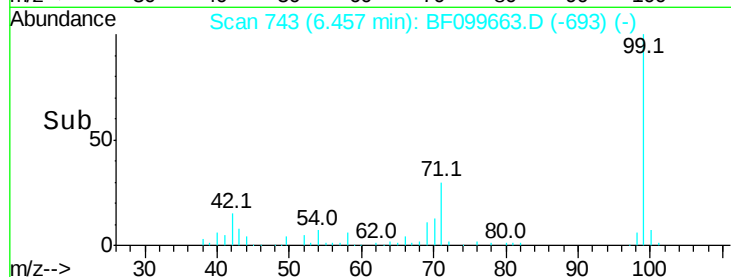
71 29.6 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099663.D

Acq: 19 Oct 2017 18:06

Tgt Ion: 136 Resp: 508447

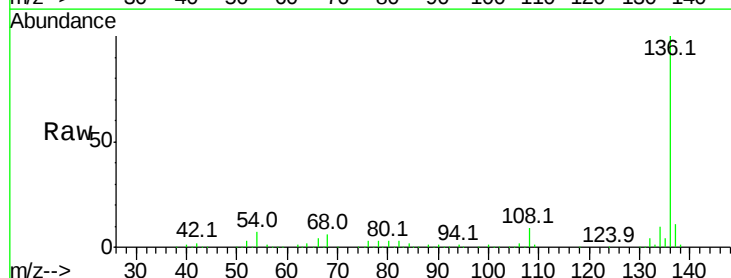
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.8 6.6 9.8

68 6.0 5.0 7.4

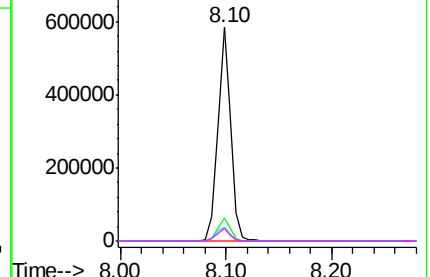
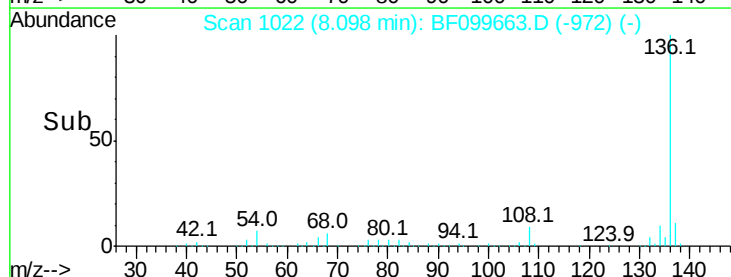


Abundance Ion 136.00 (135.70 to 136.70): E

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

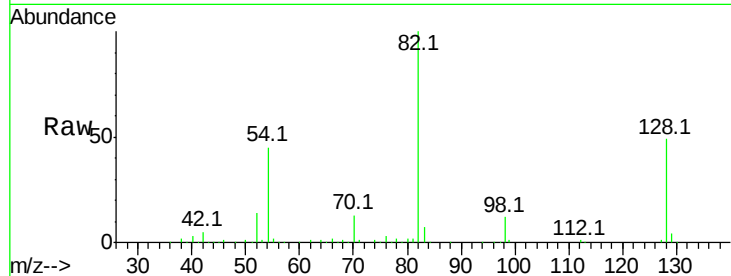




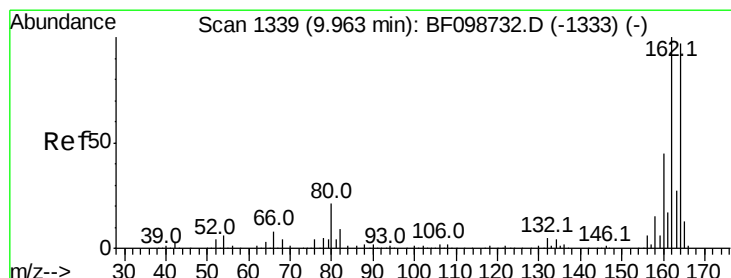
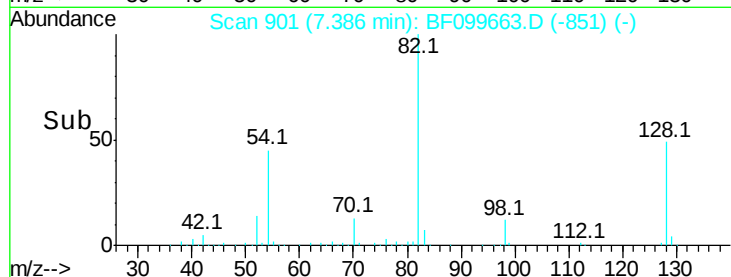
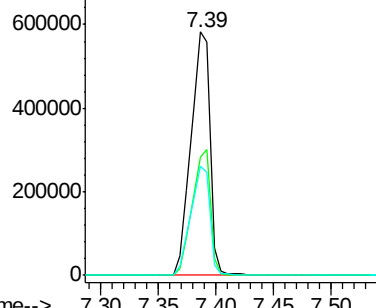
#23
 Nitrobenzene-d5
 Concen: 84.239 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-5S-10-11-17RE

Tot Ion	82	Resp	667880
Ion Ratio	Lower	Upper	
82	100		
128	48.8	36.1	54.1
54	45.1	41.4	62.2

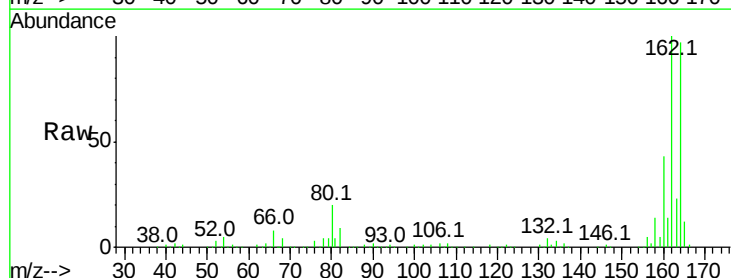


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

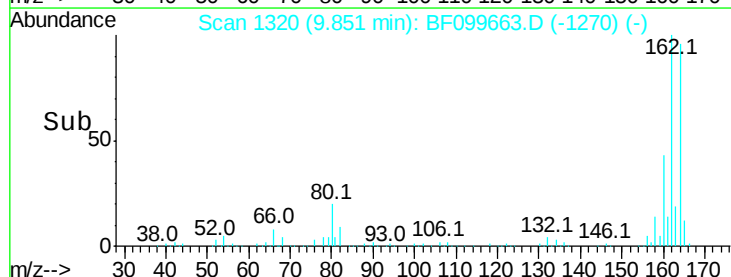
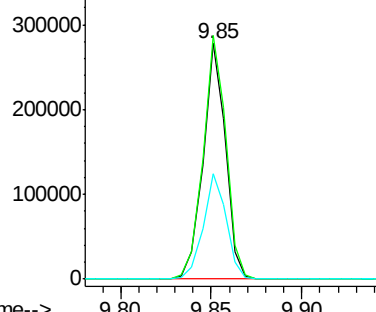


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

Tgt Ion	164	Resp	238345
Ion Ratio	Lower	Upper	
164	100		
162	103.4	86.1	129.1
160	44.6	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

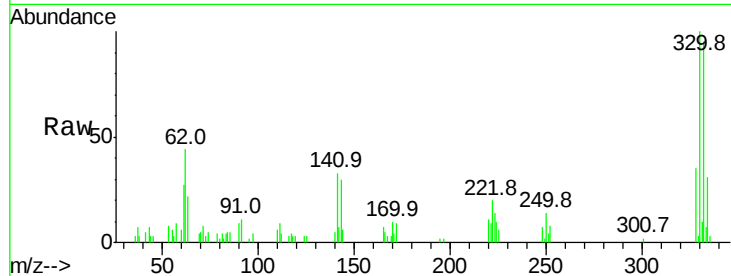




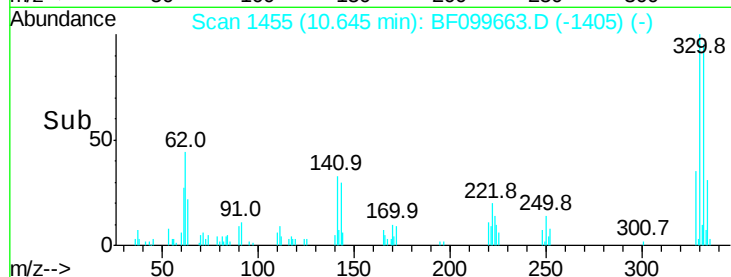
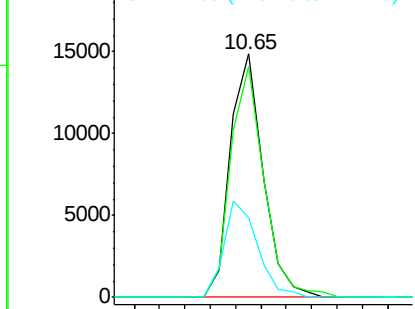
#41
 2,4,6-Tribromophenol
 Concen: 6.872 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

Instrument :
 BNA_F
 ClientSampleId :
 MW-5S-10-11-17RE

Tot Ion:330 Resp: 13403
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 40.5 29.9 44.9

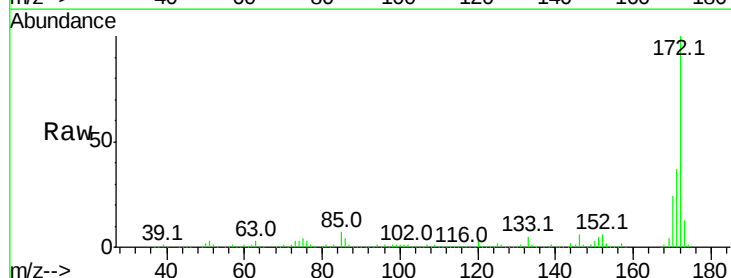


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

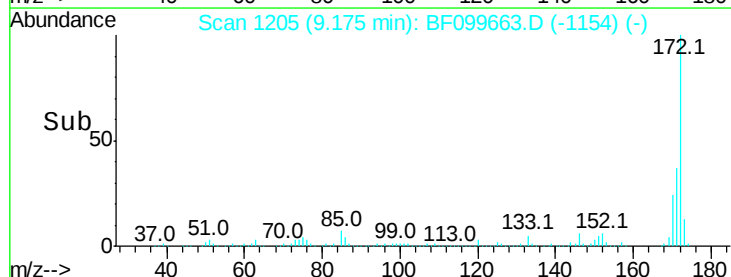
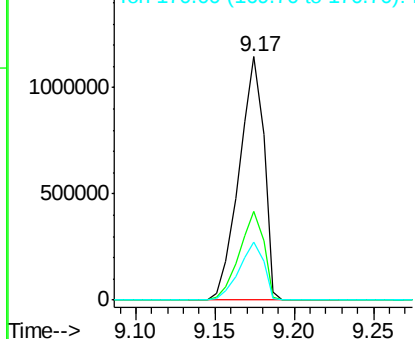


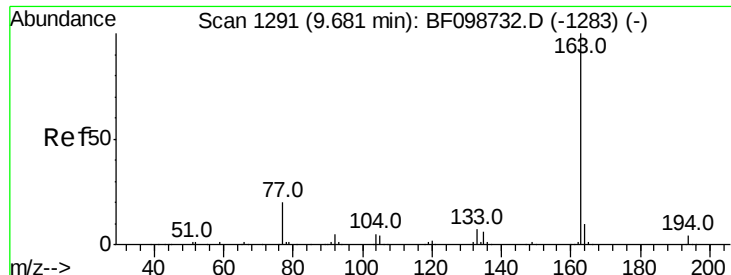
#44
 2-Fluorobiphenyl
 Concen: 86.837 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF099663.D
 Acq: 19 Oct 2017 18:06

Tgt Ion:172 Resp: 1239787
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.0 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

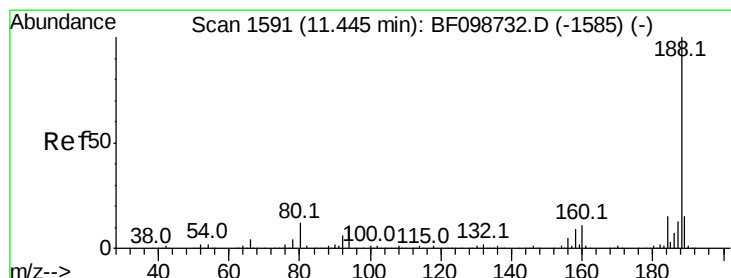
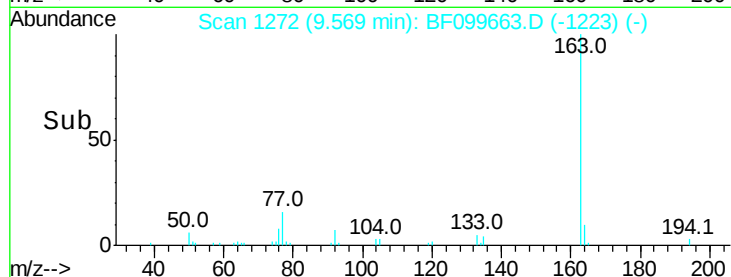
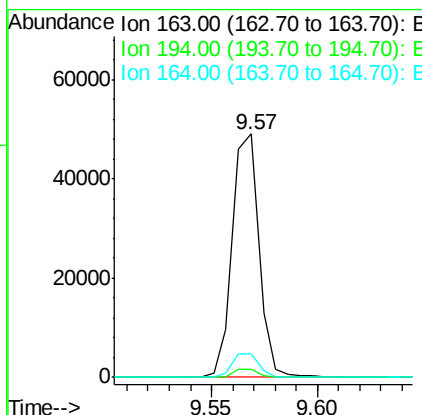
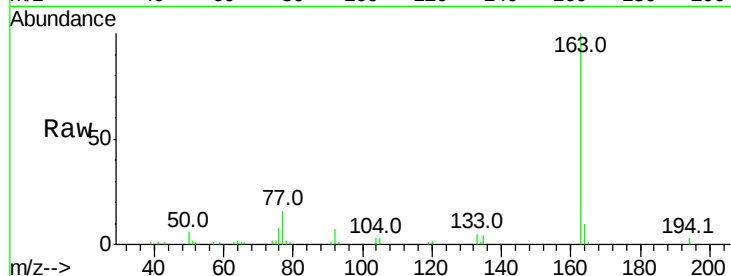




#49
Dimethylphthalate
Concen: 2.387 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

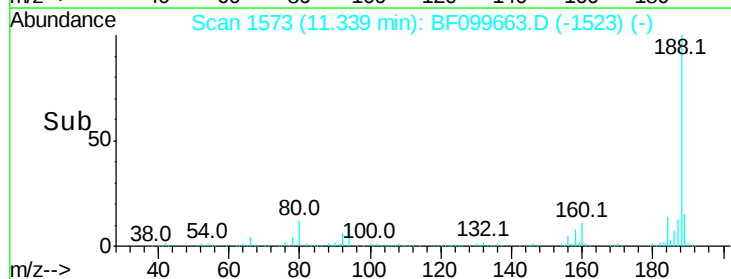
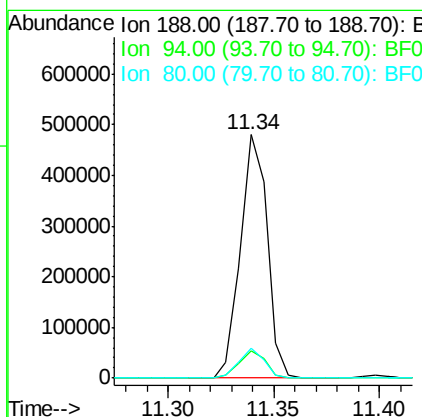
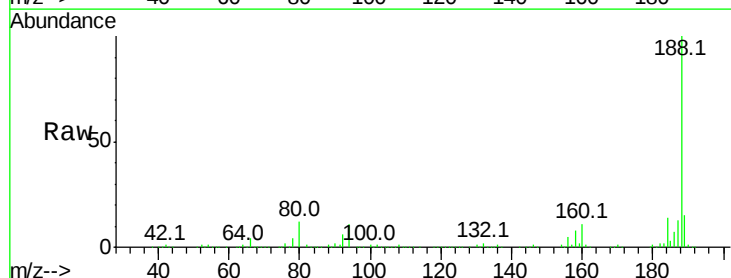
Instrument :
BNA_F
ClientSampleId :
MW-5S-10-11-17RE

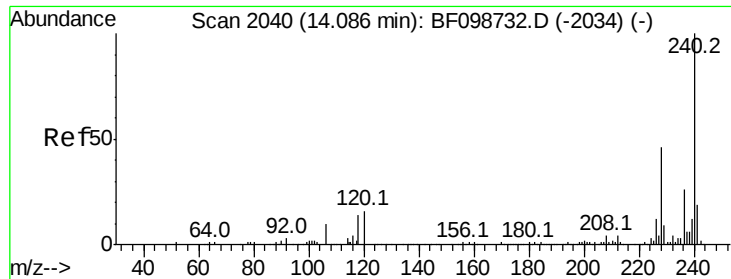
Tot Ion:163 Resp: 42932
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.5 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

Tgt Ion:188 Resp: 421329
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.5 9.2 13.8

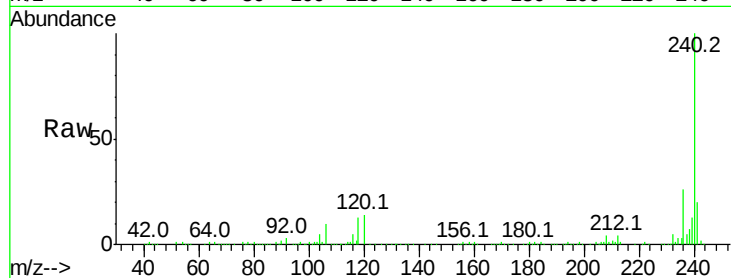




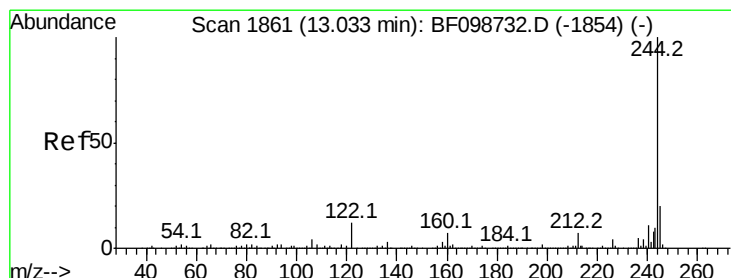
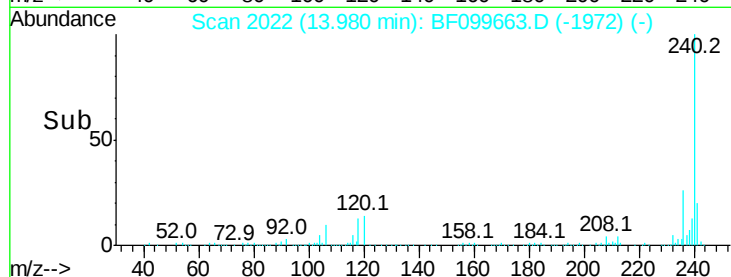
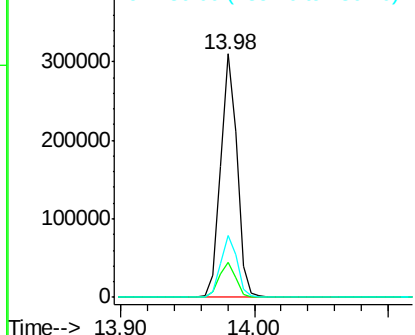
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

Instrument :
BNA_F
ClientSampleId :
MW-5S-10-11-17RE

Tot Ion:240 Resp: 272181
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 25.6 20.7 31.1

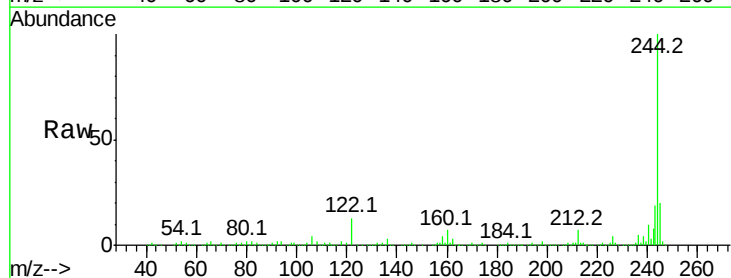


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

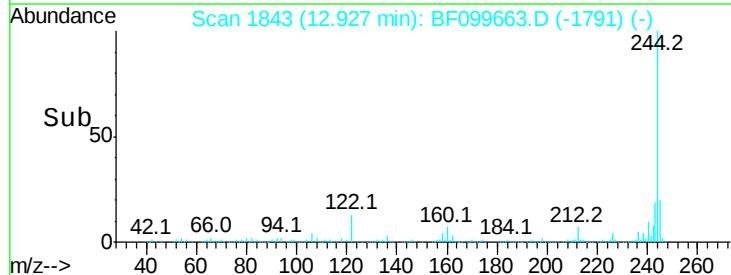
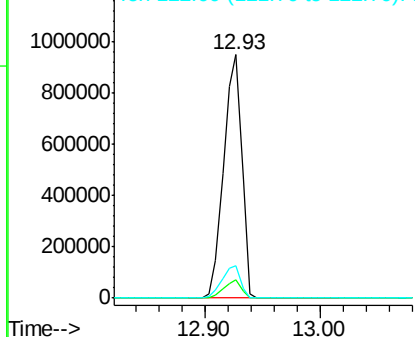


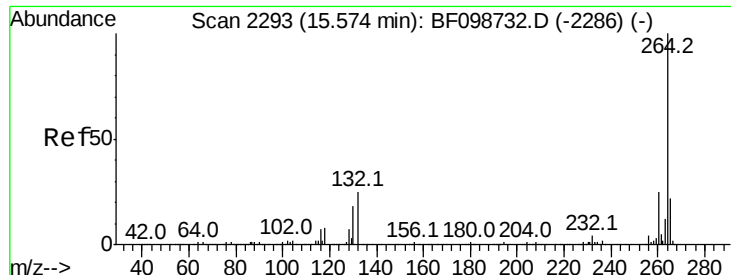
#78
Terphenyl-d14
Concen: 86.088 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

Tgt Ion:244 Resp: 1030322
Ion Ratio Lower Upper
244 100
212 7.3 5.4 8.0
122 13.3 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

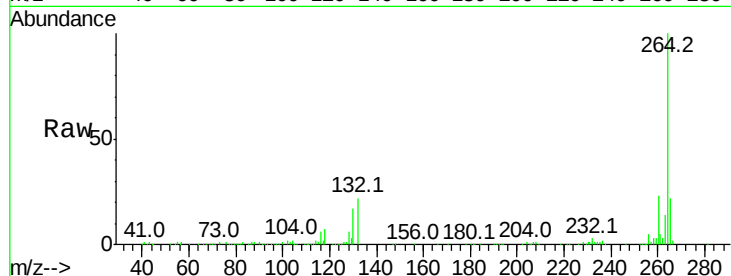




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF099663.D
Acq: 19 Oct 2017 18:06

Instrument :
BNA_F
ClientSampleId :
MW-5S-10-11-17RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	22.1	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

