

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
 Data File : BF099734.D
 Acq On : 21 Oct 2017 18:11
 Operator : SJ/JU
 Sample : I6025-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Quant Time: Oct 22 01:25:36 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	84856	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	350449	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	152746	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	237969	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	147074	20.00	ng	0.00
86) Perylene-d12	15.44	264	154410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	370306	69.47	ng	0.00
7) Phenol-d6	6.45	99	305708	46.49	ng	-0.01
23) Nitrobenzene-d5	7.38	82	477348	87.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	152708	122.18	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	911030	99.57	ng	0.00
78) Terphenyl-d14	12.92	244	576766	89.19	ng	0.00

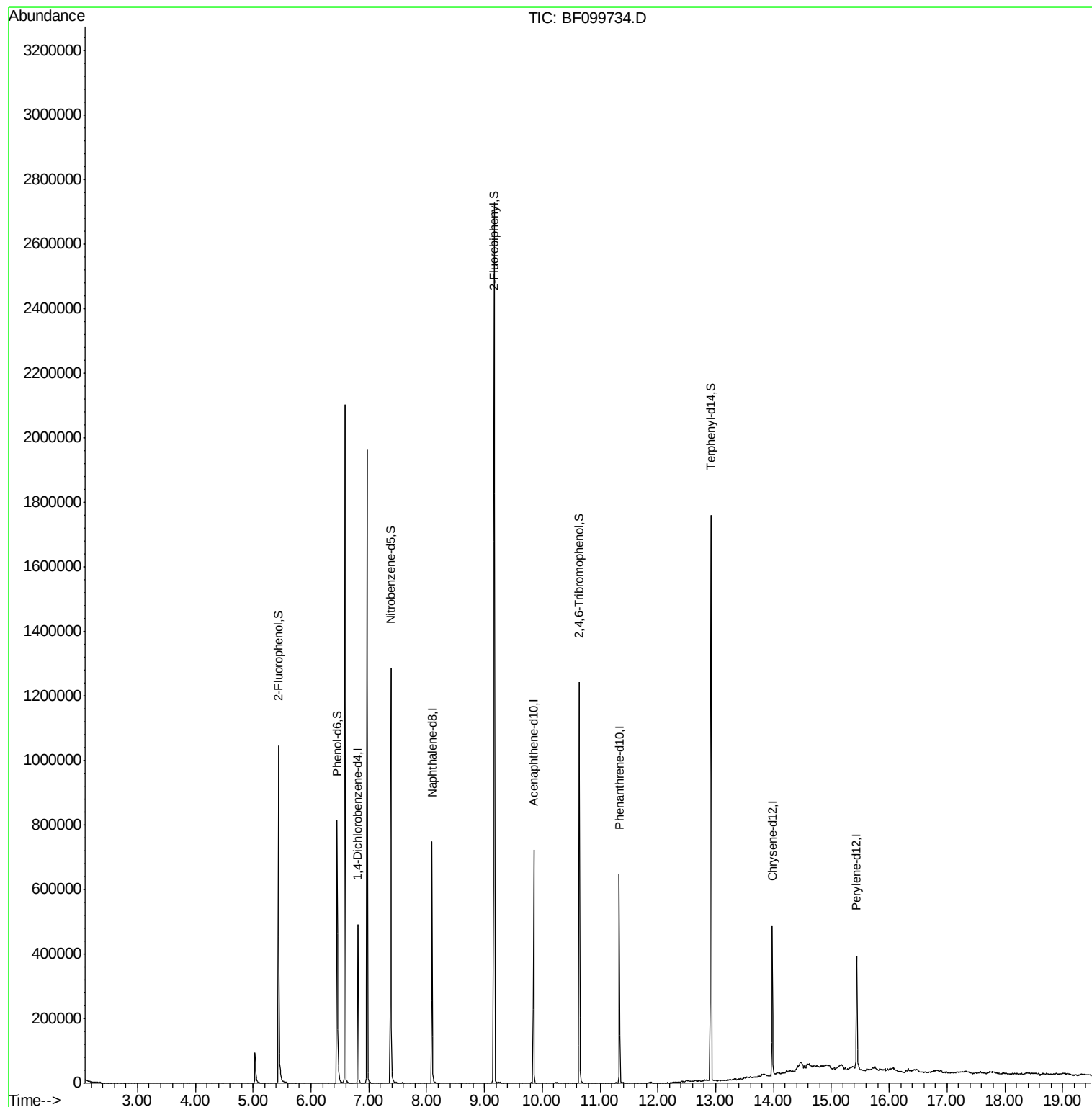
Target Compounds Qvalue

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

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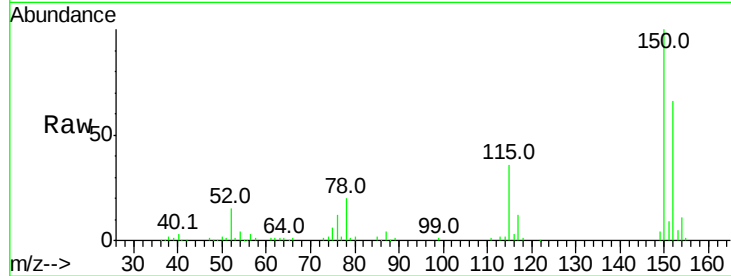


#1

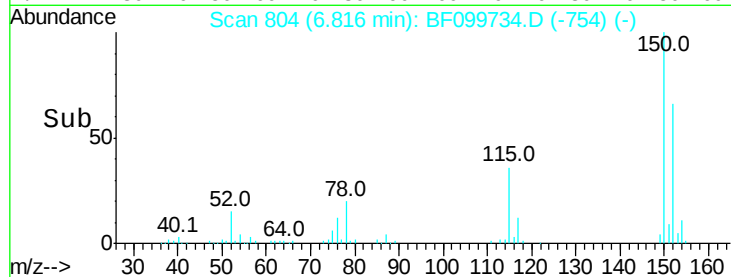
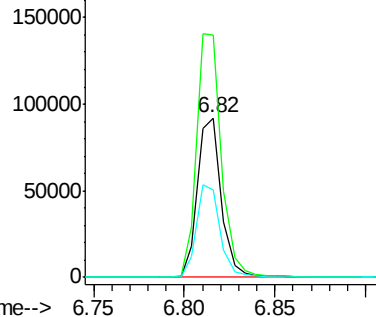
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099734.D
Acq: 21 Oct 2017 18:11

Instrument :
BNA_F
ClientSampleId :
MW-02

Tot Ion:152 Resp: 84856
Ion Ratio Lower Upper
152 100
150 151.5 124.6 186.8
115 54.9 50.1 75.1



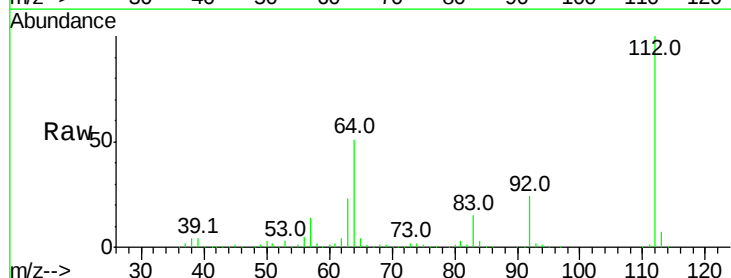
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



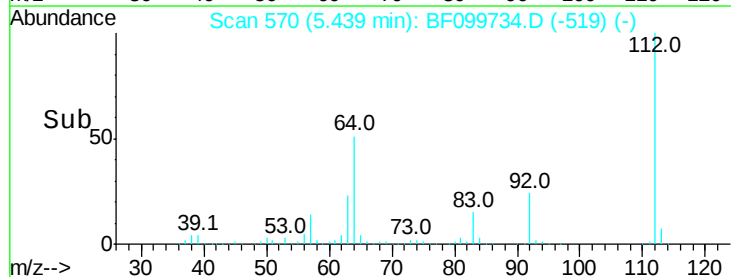
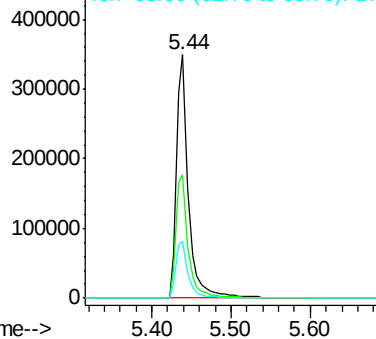
#5

2-Fluorophenol
Concen: 69.469 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF099734.D
Acq: 21 Oct 2017 18:11

Tgt Ion:112 Resp: 370306
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 23.3 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: 46.490 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099734.D

Acq: 21 Oct 2017 18:11

Instrument :

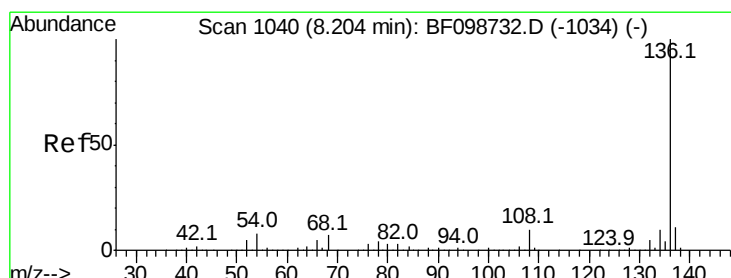
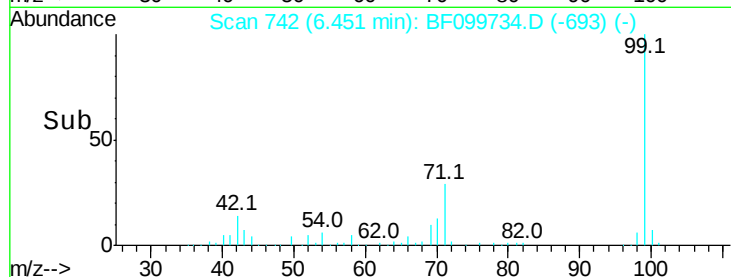
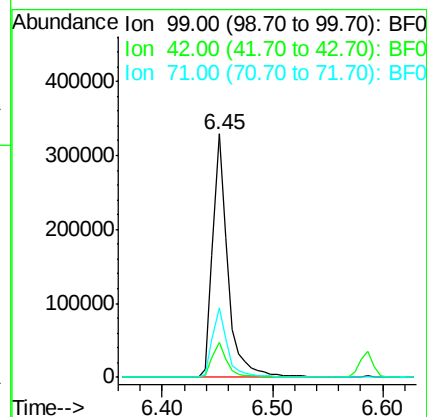
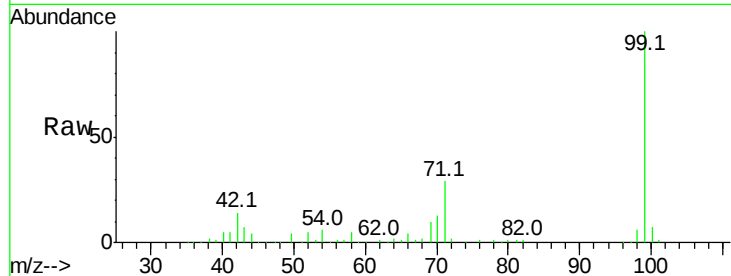
BNA_F

ClientSampleId :

MW-02

Tot Ion: 99 Resp: 305708

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.5	21.7#
71	28.6	25.4	38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

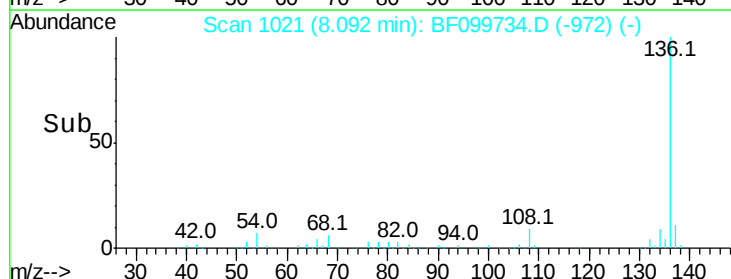
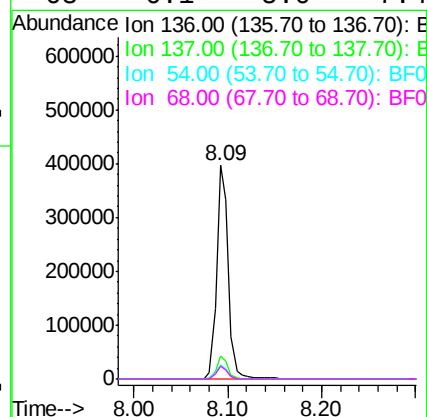
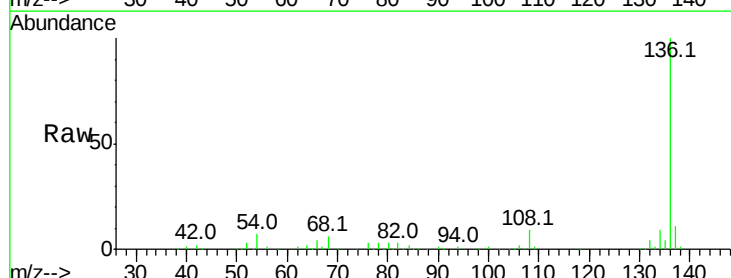
Delta R.T. -0.01 min

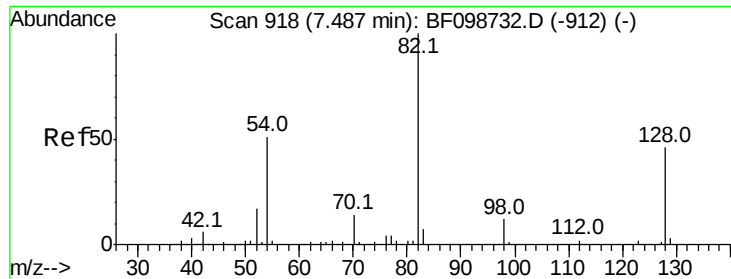
Lab File: BF099734.D

Acq: 21 Oct 2017 18:11

Tgt Ion: 136 Resp: 350449

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.8	6.6	9.8
68	6.1	5.0	7.4

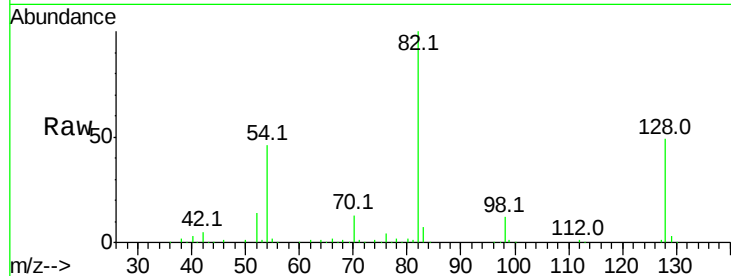




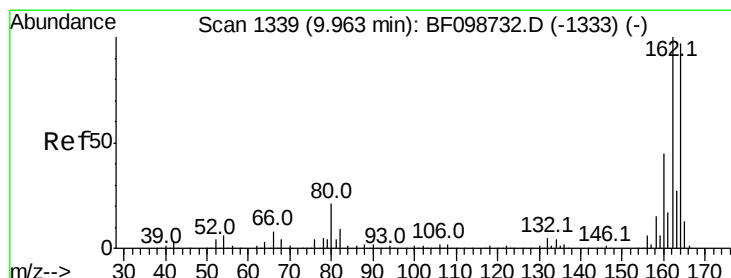
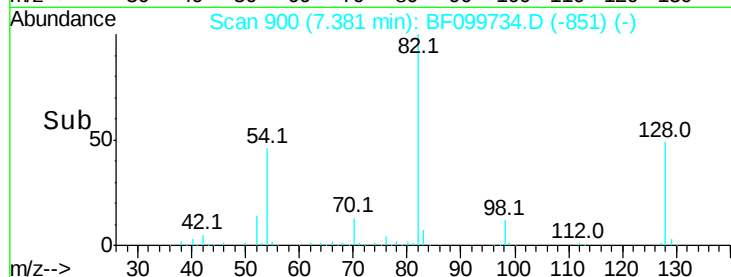
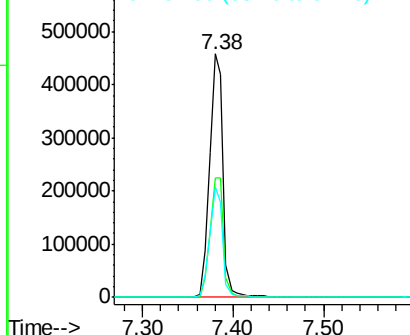
#23
 Nitrobenzene-d5
 Concen: 87.352 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampled :
 MW-02

Tot Ion: 82 Resp: 477348
 Ion Ratio Lower Upper
 82 100
 128 48.9 36.1 54.1
 54 45.6 41.4 62.2

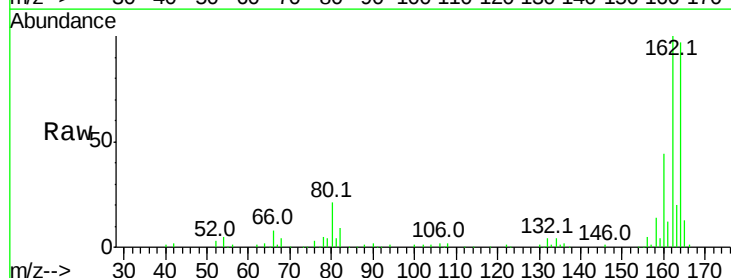


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

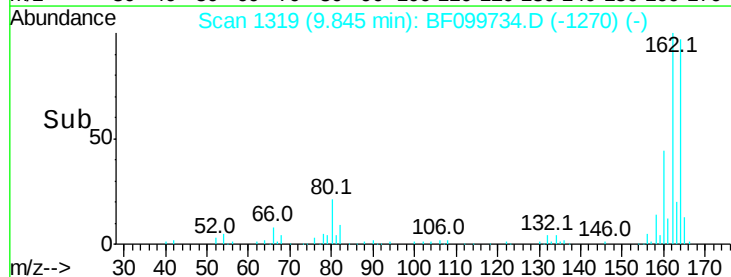
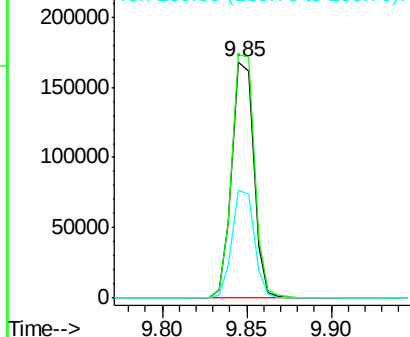


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Tgt Ion:164 Resp: 152746
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 45.5 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

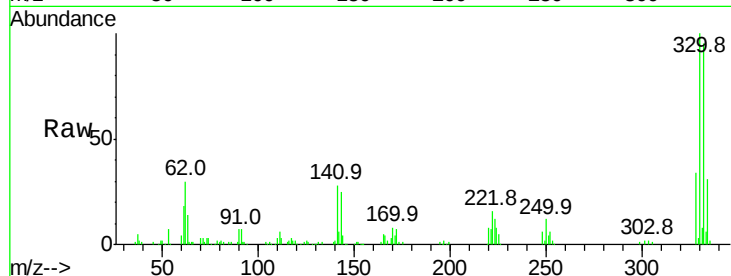




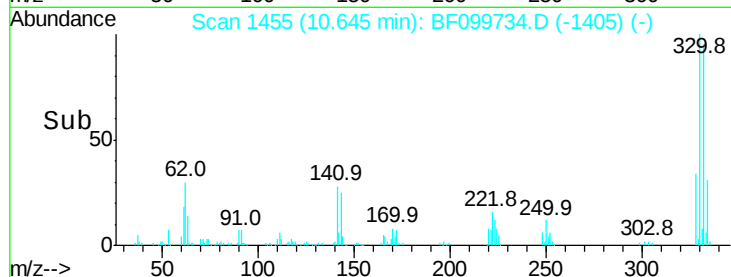
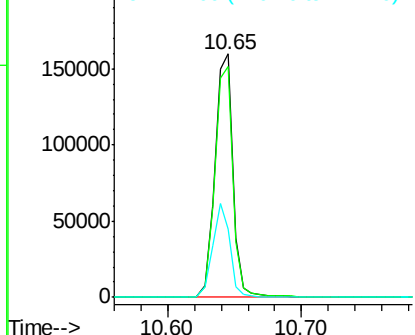
#41
 2,4,6-Tribromophenol
 Concen: 122.178 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-02

Tot Ion:330 Resp: 152708
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 36.4 29.9 44.9

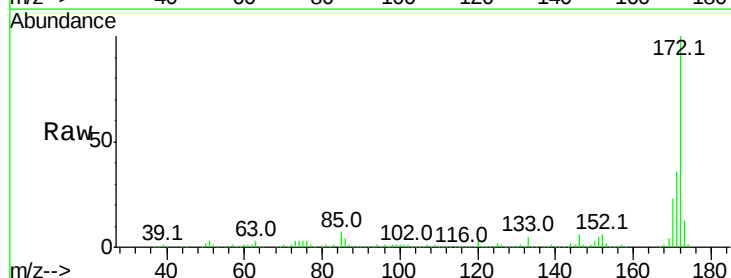


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

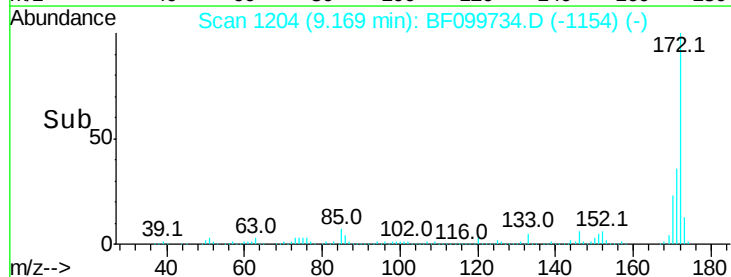
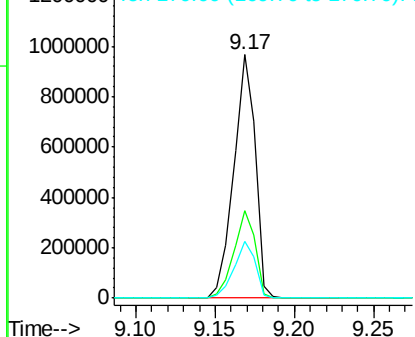


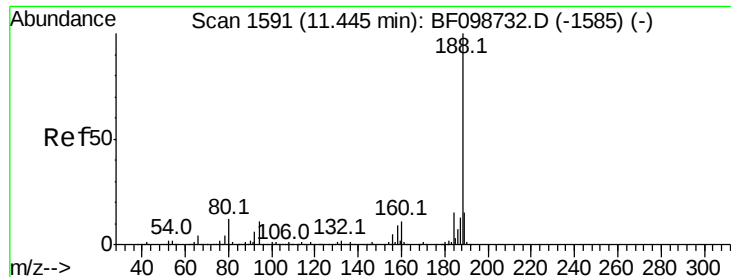
#44
 2-Fluorobiphenyl
 Concen: 99.570 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099734.D
 Acq: 21 Oct 2017 18:11

Tgt Ion:172 Resp: 911030
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.3 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

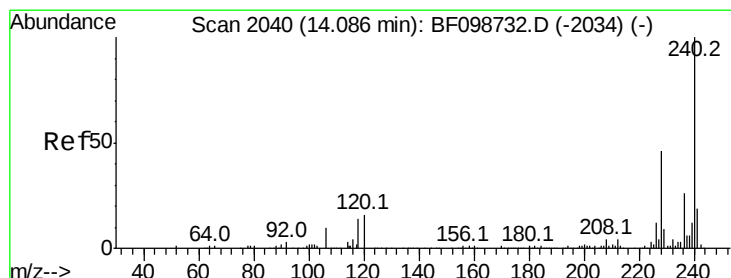
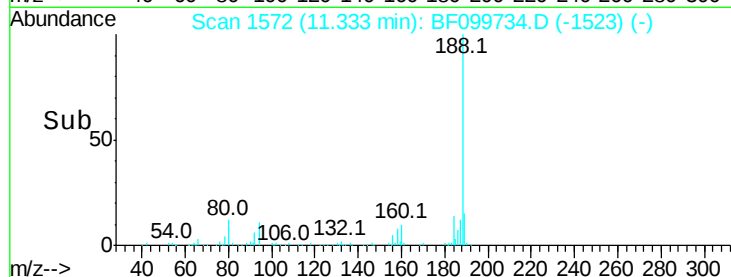
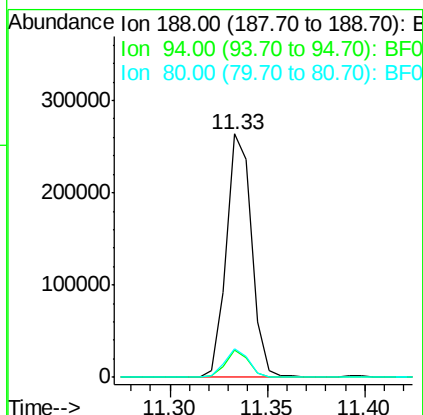
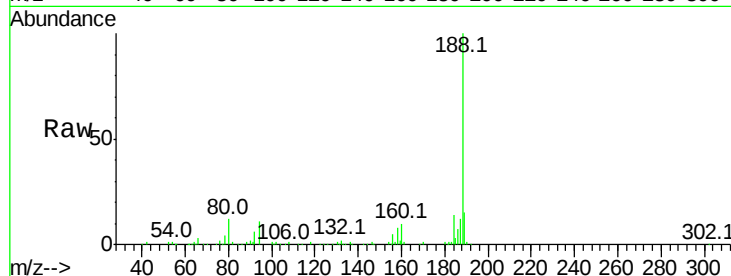




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF099734.D
Acq: 21 Oct 2017 18:11

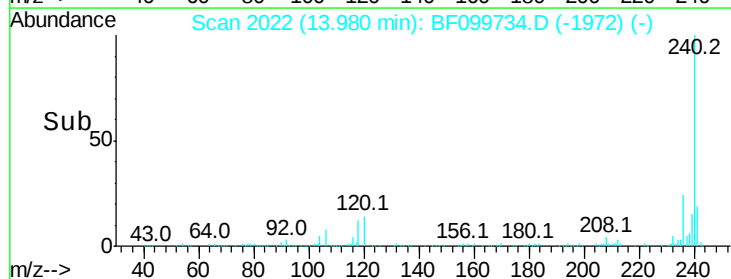
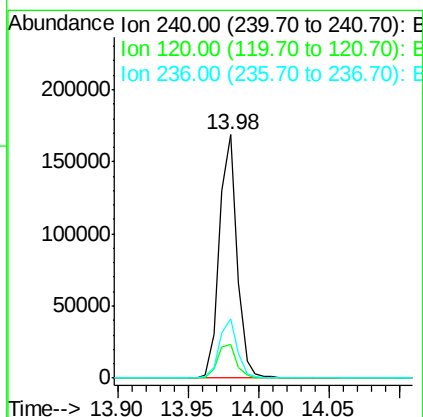
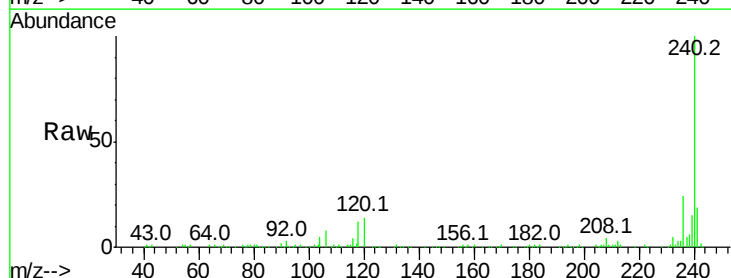
Instrument :
BNA_F
ClientSampleId :
MW-02

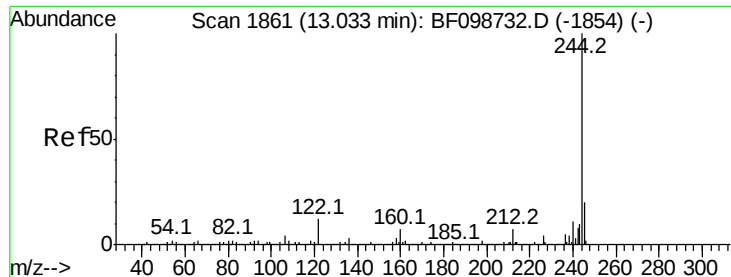
Tot Ion:188 Resp: 237969
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF099734.D
Acq: 21 Oct 2017 18:11

Tgt Ion:240 Resp: 147074
Ion Ratio Lower Upper
240 100
120 13.8 9.5 14.3
236 24.4 20.7 31.1





#78

Terphenyl-d14

Concen: 89.185 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099734.D

Acq: 21 Oct 2017 18:11

Instrument :

BNA_F

ClientSampleId :

MW-02

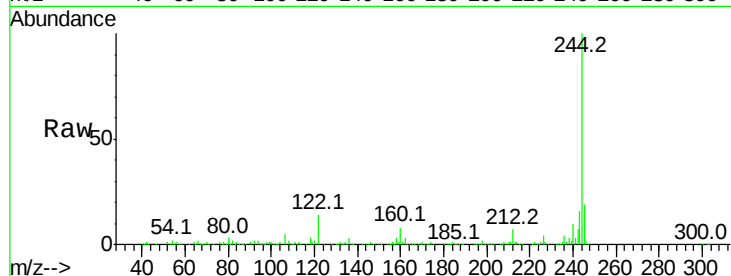
Tot Ion:244 Resp: 576766

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

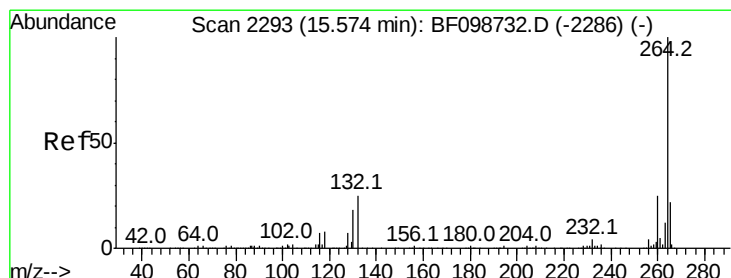
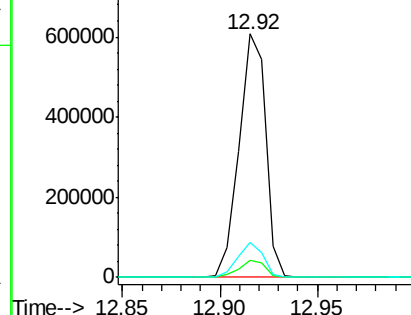
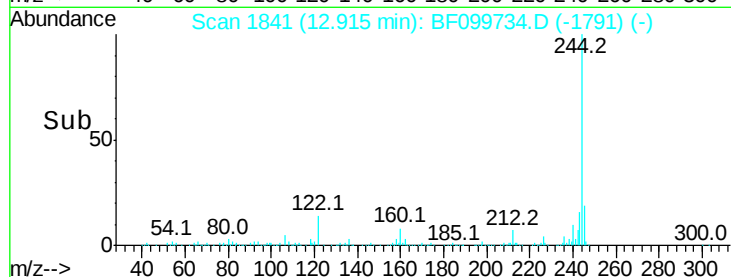
122 14.5 11.0 16.4



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: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF099734.D

Acq: 21 Oct 2017 18:11

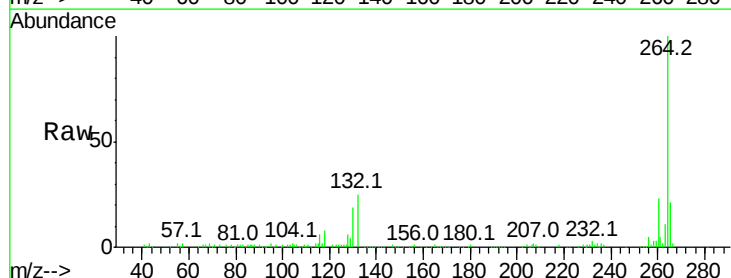
Tgt Ion:264 Resp: 154410

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.9 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

