

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051517\
 Data File : BM010051.D
 Acq On : 15 May 2017 21:54
 Operator : SJ/MA
 Sample : I3147-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-2COMP

Quant Time: May 16 05:07:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	44507	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	159526	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	80494	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	172647	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	204727	20.00	ng	-0.03
86) Perylene-d12	23.65	264	196497	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	435828	153.24	ng	-0.02
7) Phenol-d6	6.94	99	553896	121.54	ng	-0.03
23) Nitrobenzene-d5	8.93	82	507780	116.32	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	148767	135.04	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	689485	114.55	ng	-0.03
78) Terphenyl-d14	19.79	244	939007	96.67	ng	-0.03

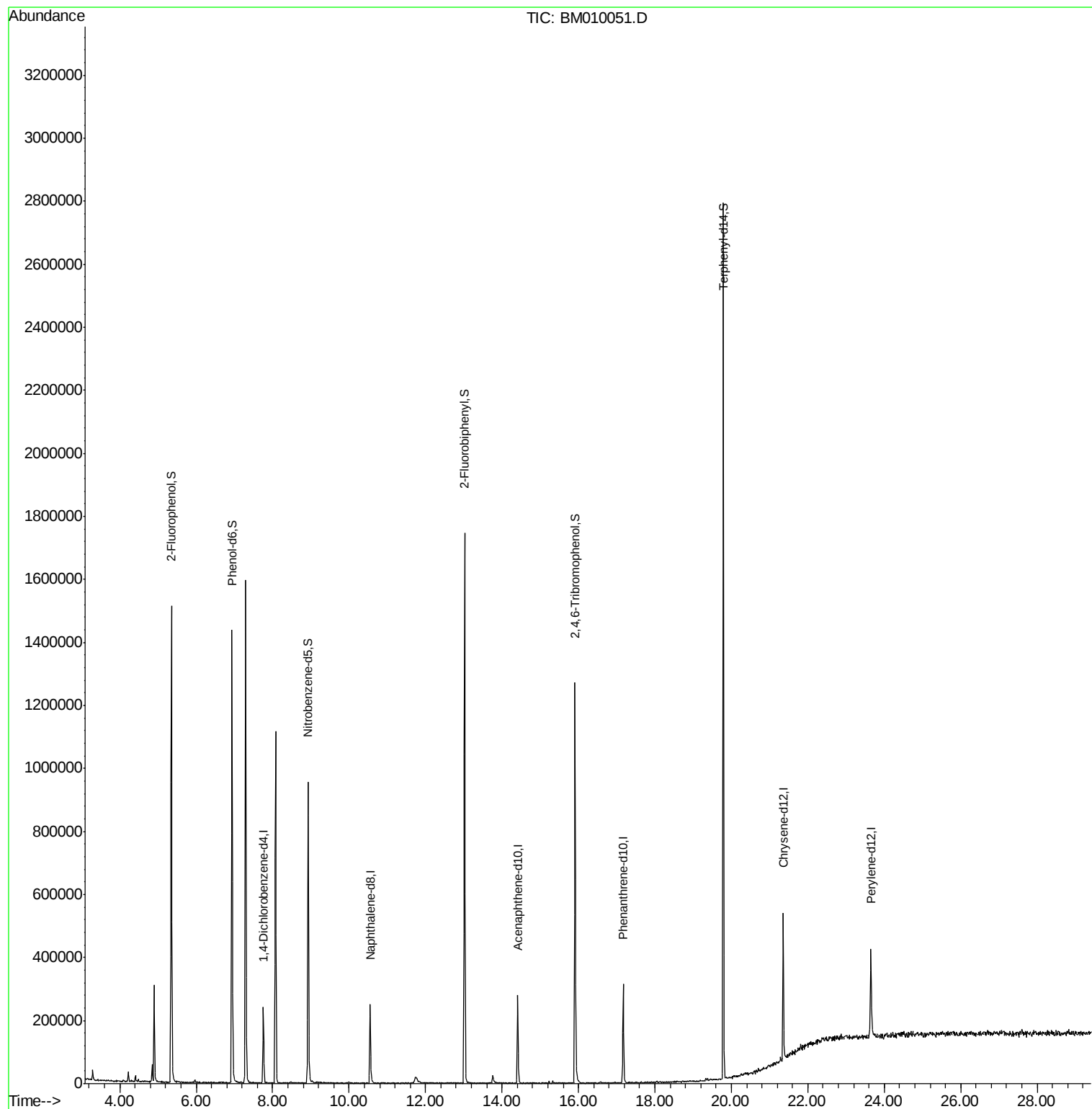
Target Compounds Qvalue

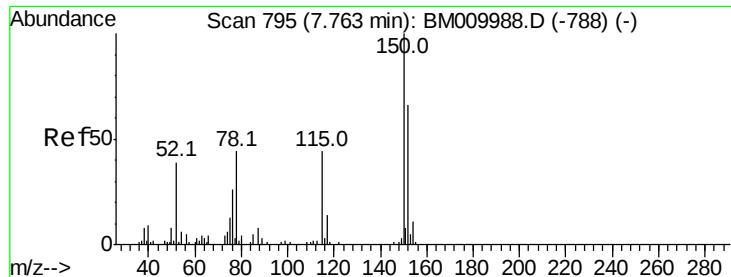
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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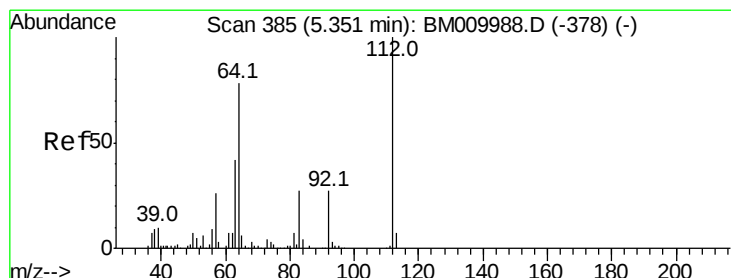
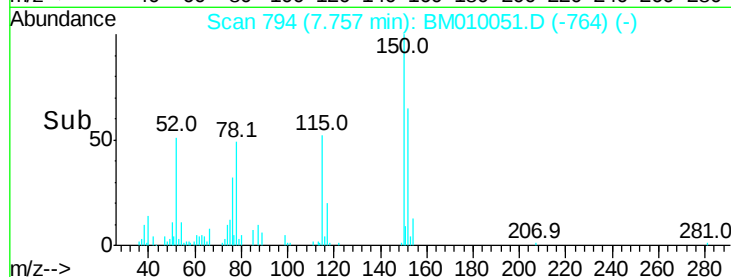
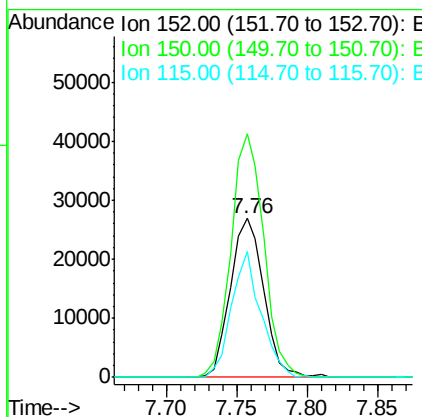
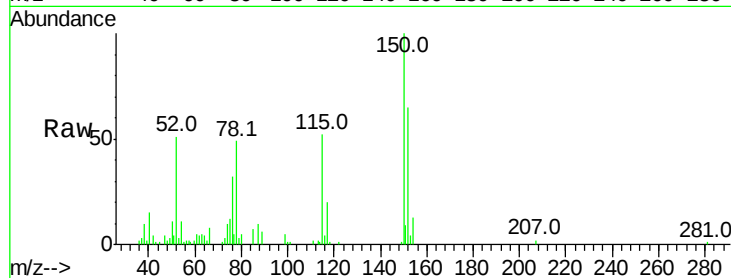


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM010051.D
Acq: 15 May 2017 21:54

Instrument :
BNA_M
ClientSampleId :
TP-2COMP

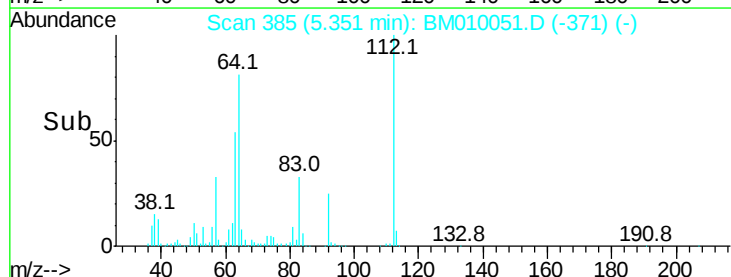
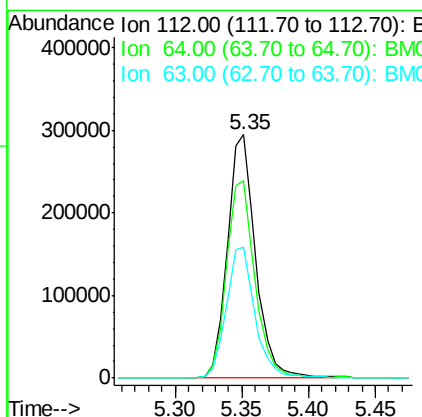
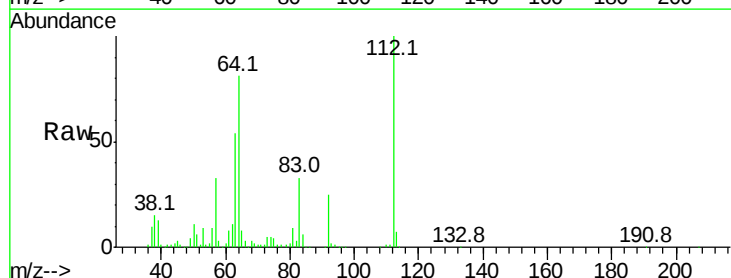
Tot Ion:152 Resp: 44507
Ion Ratio Lower Upper
152 100
150 153.2 119.5 179.3
115 79.3 43.0 64.4#

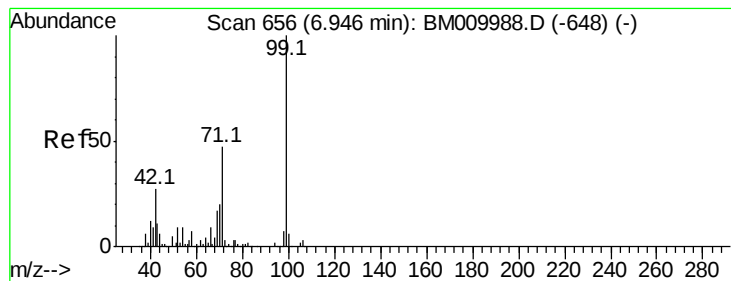


#5

2-Fluorophenol
Concen: 153.24 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.02 min
Lab File: BM010051.D
Acq: 15 May 2017 21:54

Tgt Ion:112 Resp: 435828
Ion Ratio Lower Upper
112 100
64 81.0 38.6 57.8#
63 54.0 19.3 28.9#





#7

Phenol-d6

Concen: 121.54 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010051.D

Acq: 15 May 2017 21:54

Instrument :

BNA_M

ClientSampleId :

TP-2COMP

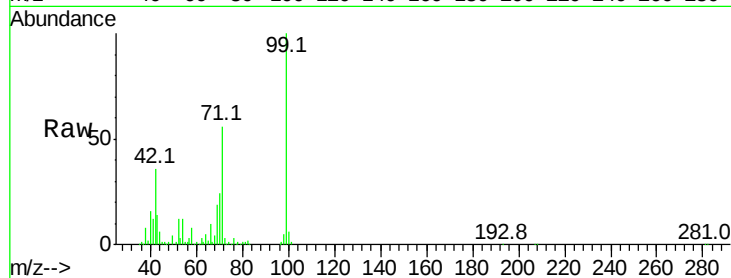
Tot Ion: 99 Resp: 553896

Ion Ratio Lower Upper

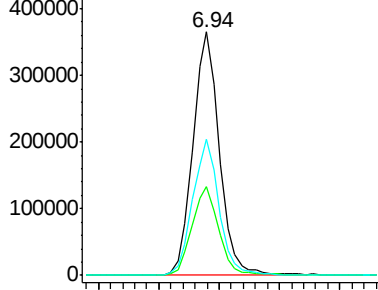
99 100

42 36.5 11.0 16.4#

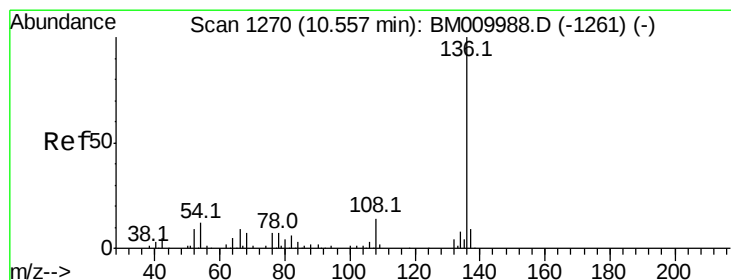
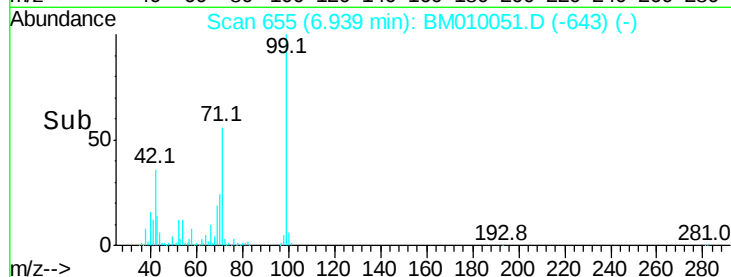
71 55.9 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 71.00 (70.70 to 71.70): BM0



Time--> 6.85 6.90 6.95 7.00 7.05



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BM010051.D

Acq: 15 May 2017 21:54

Tgt Ion: 136 Resp: 159526

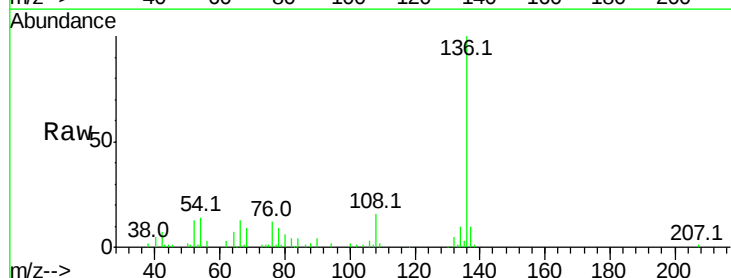
Ion Ratio Lower Upper

136 100

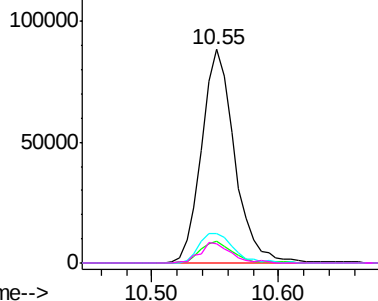
137 9.9 8.7 13.1

54 13.6 4.6 6.8#

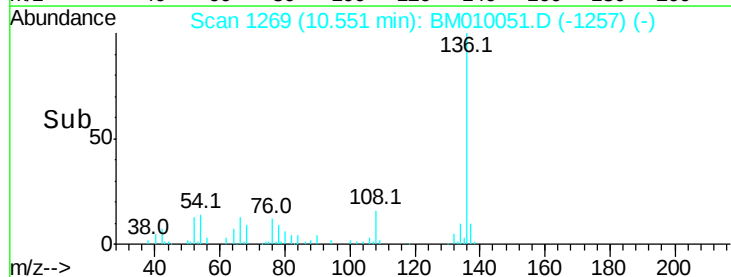
68 9.0 3.7 5.5#

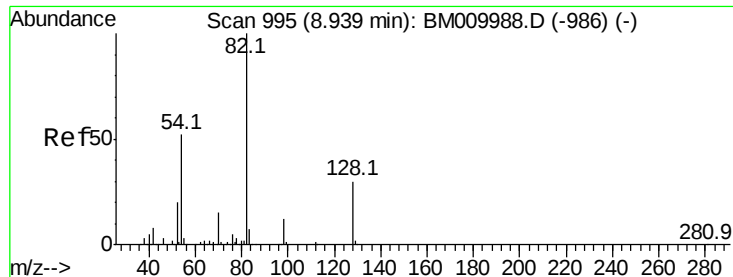


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0



Time--> 10.50 10.60

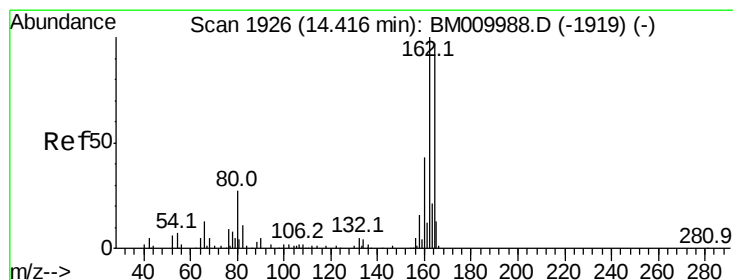
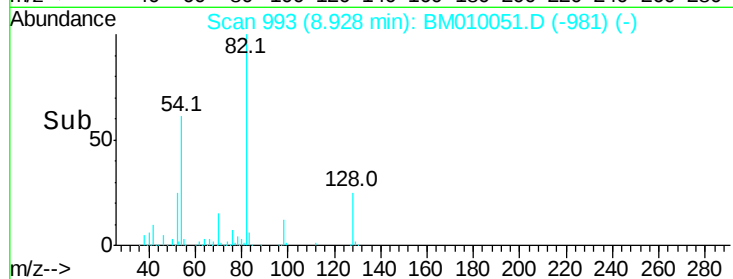
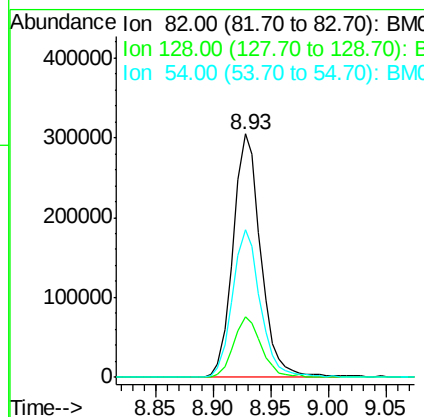
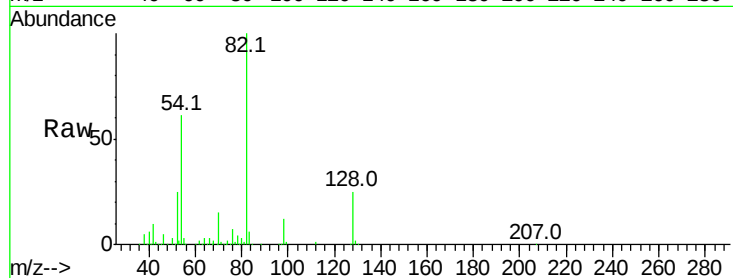




#23
Nitrobenzene-d5
Concen: 116.32 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.03 min
Lab File: BM010051.D
Acq: 15 May 2017 21:54

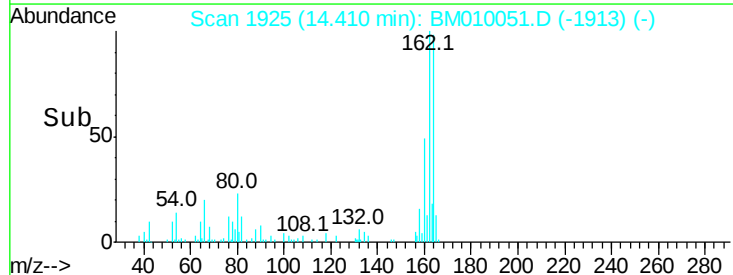
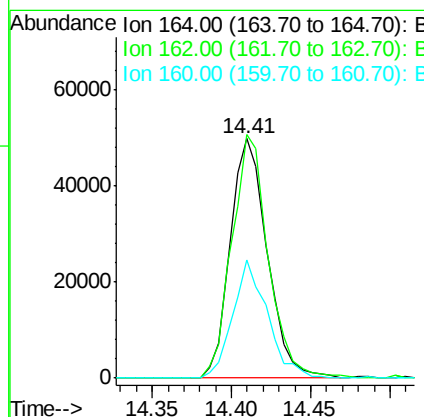
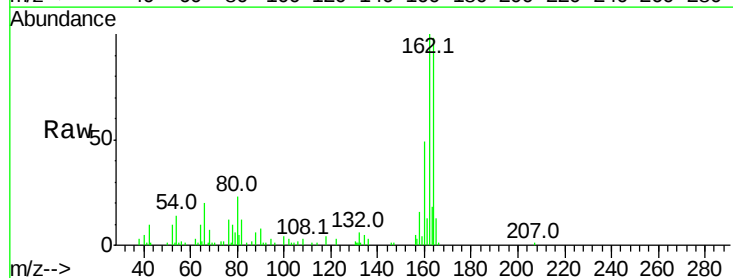
Instrument :
BNA_M
ClientSampleId :
TP-2COMP

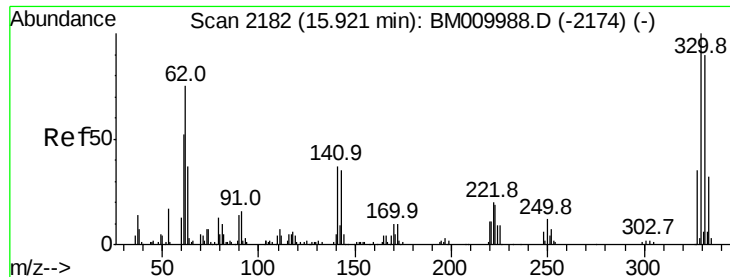
Tot Ion	Ratio	Lower	Upper
82	100		
128	25.1	32.8	49.2#
54	60.7	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.03 min
Lab File: BM010051.D
Acq: 15 May 2017 21:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.4	123.6
160	49.5	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 135.04 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010051.D

Acq: 15 May 2017 21:54

Instrument :

BNA_M

ClientSampleId :

TP-2COMP

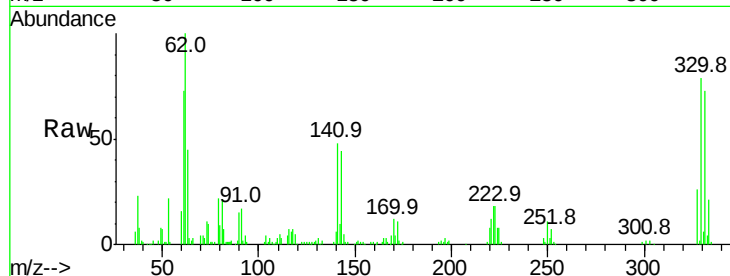
Tot Ion:330 Resp: 148767

Ion Ratio Lower Upper

330 100

332 96.8 0.0 0.0#

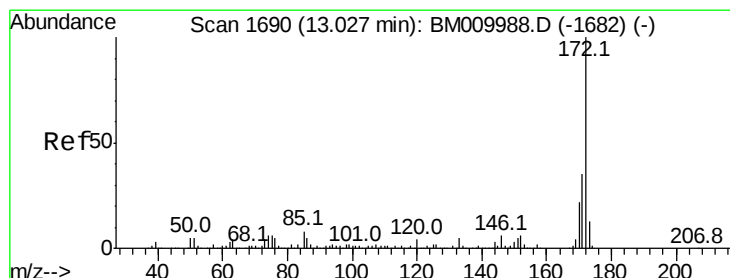
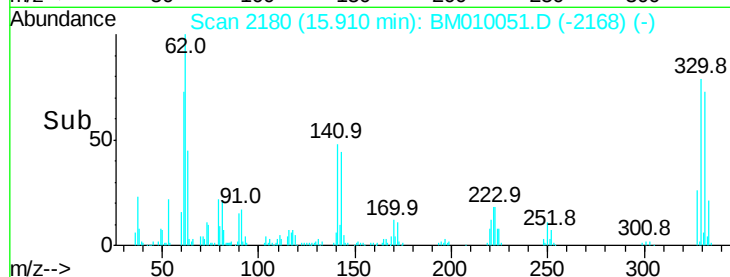
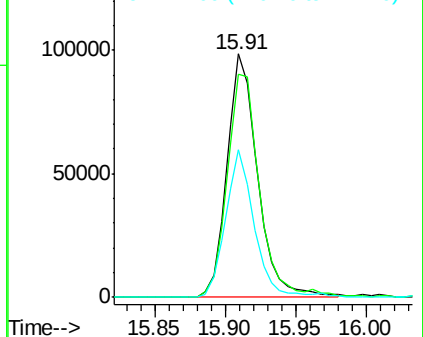
141 56.8 0.0 0.0#



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: 114.55 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.03 min

Lab File: BM010051.D

Acq: 15 May 2017 21:54

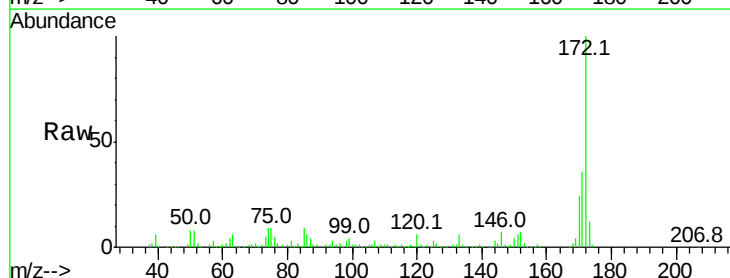
Tgt Ion:172 Resp: 689485

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

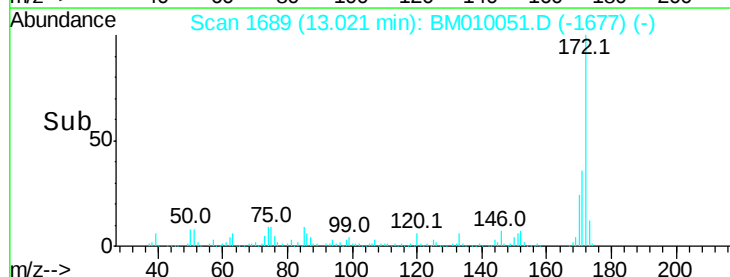
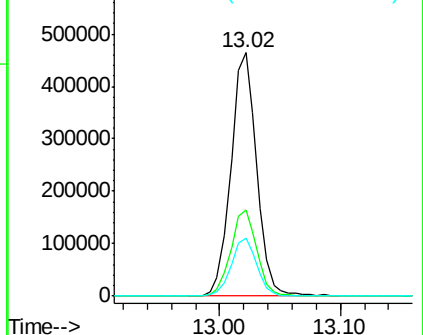
170 23.7 18.8 28.2

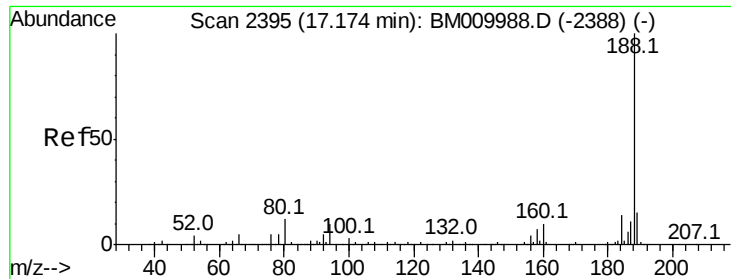


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

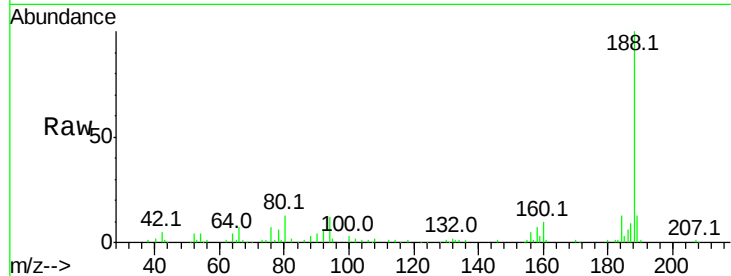




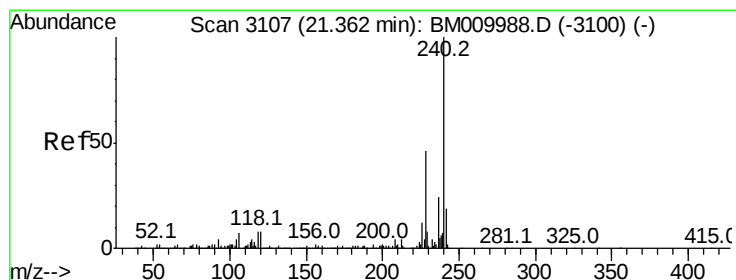
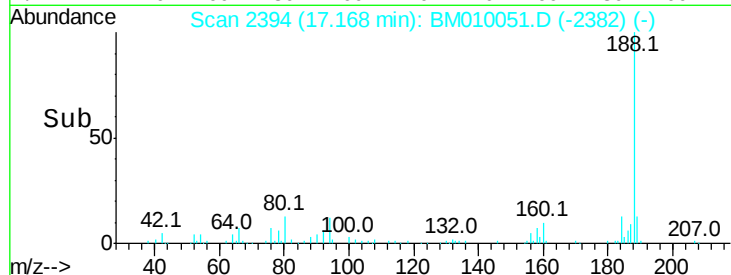
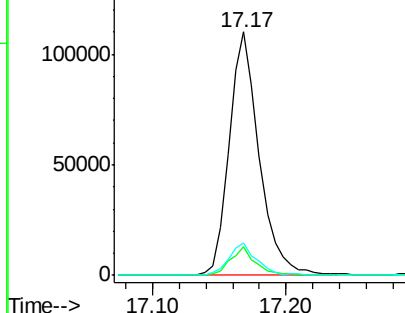
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010051.D
Acq: 15 May 2017 21:54

Instrument :
BNA_M
ClientSampleId :
TP-2COMP

Tot Ion:188 Resp: 172647
Ion Ratio Lower Upper
188 100
94 13.3 8.7 13.1#
80 13.1 9.3 13.9

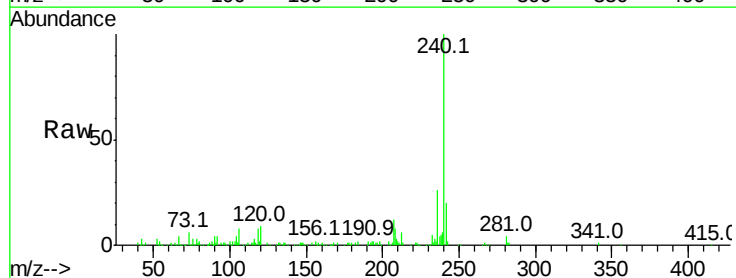


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

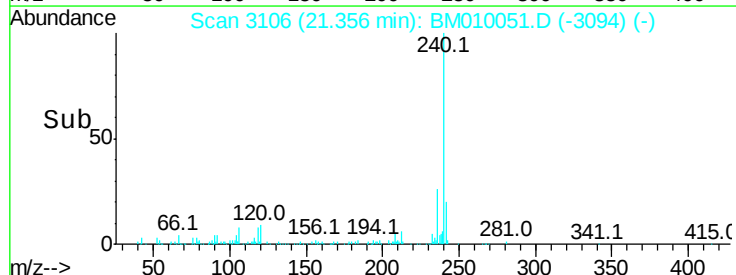
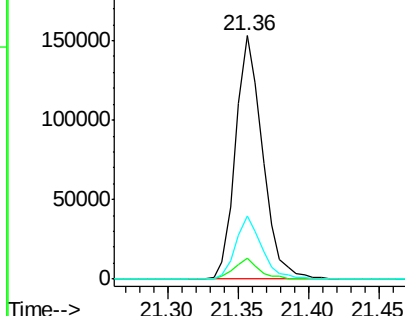


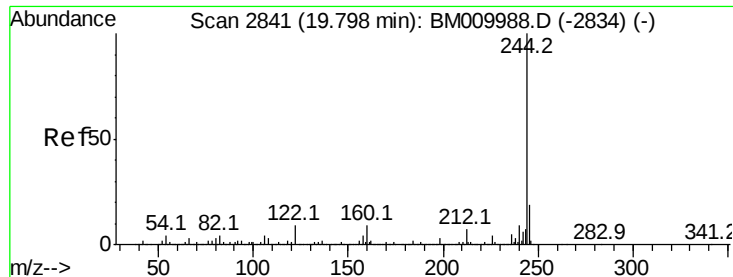
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010051.D
Acq: 15 May 2017 21:54

Tgt Ion:240 Resp: 204727
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.2
236 25.8 20.0 30.0



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

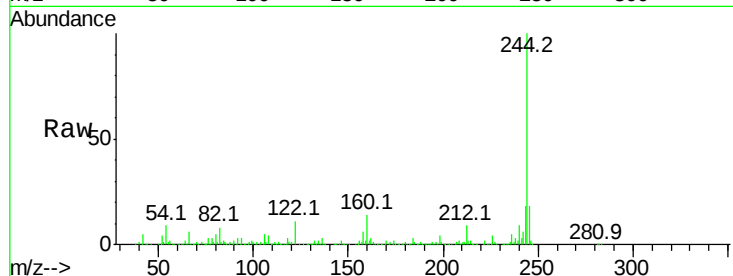




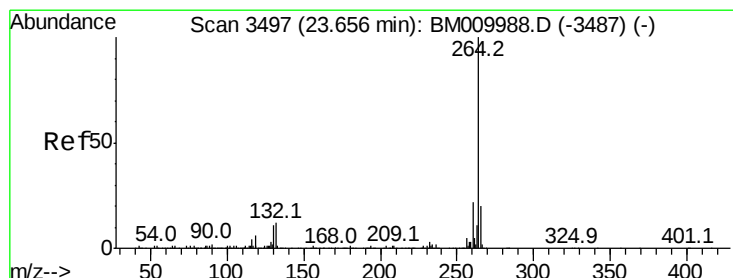
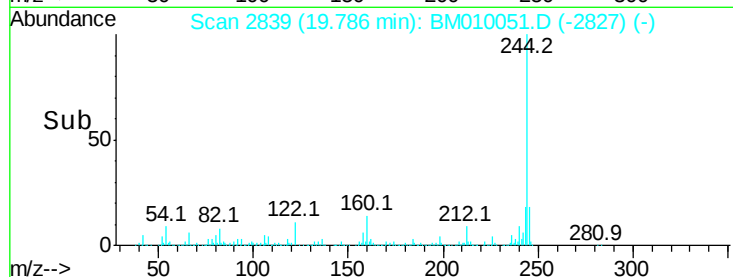
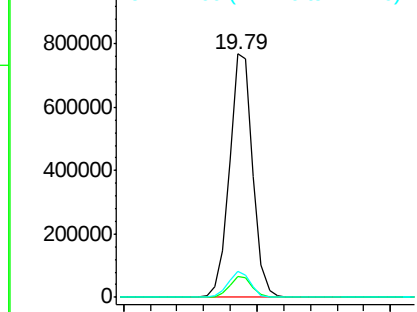
#78
 Terphenyl-d14
 Concen: 96.67 ng
 RT: 19.79 min Scan# 2839
 Delta R.T. -0.03 min
 Lab File: BM010051.D
 Acq: 15 May 2017 21:54

Instrument :
 BNA_M
 ClientSampleId :
 TP-2COMP

Tot Ion:244 Resp: 939007
 Ion Ratio Lower Upper
 244 100
 212 8.8 4.9 7.3#
 122 10.6 6.2 9.4#

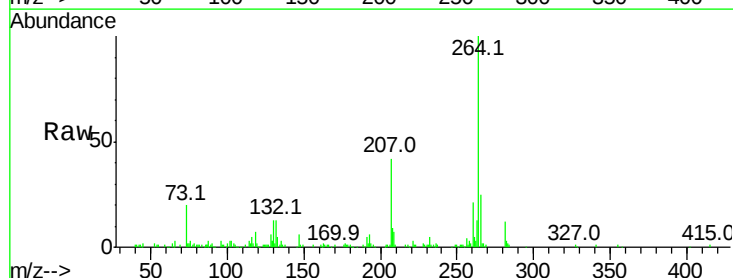


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010051.D
 Acq: 15 May 2017 21:54

Tgt Ion:264 Resp: 196497
 Ion Ratio Lower Upper
 264 100
 260 21.2 18.6 27.8
 265 25.0 17.3 25.9



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

