

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009503.D
 Acq On : 03 Apr 2017 16:53
 Operator : SJ/MA
 Sample : I2488-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-COMP-13

Quant Time: Apr 04 01:20:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	106062	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	393533	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	219705	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	531099	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	738751	20.00	ng	-0.01
86) Perylene-d12	23.74	264	692371	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	856300	134.57	ng	-0.01
7) Phenol-d6	7.00	99	1099187	126.68	ng	-0.02
23) Nitrobenzene-d5	9.01	82	934908	89.07	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	390851	143.20	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1578774	86.59	ng	-0.02
78) Terphenyl-d14	19.86	244	2593685	73.36	ng	-0.01

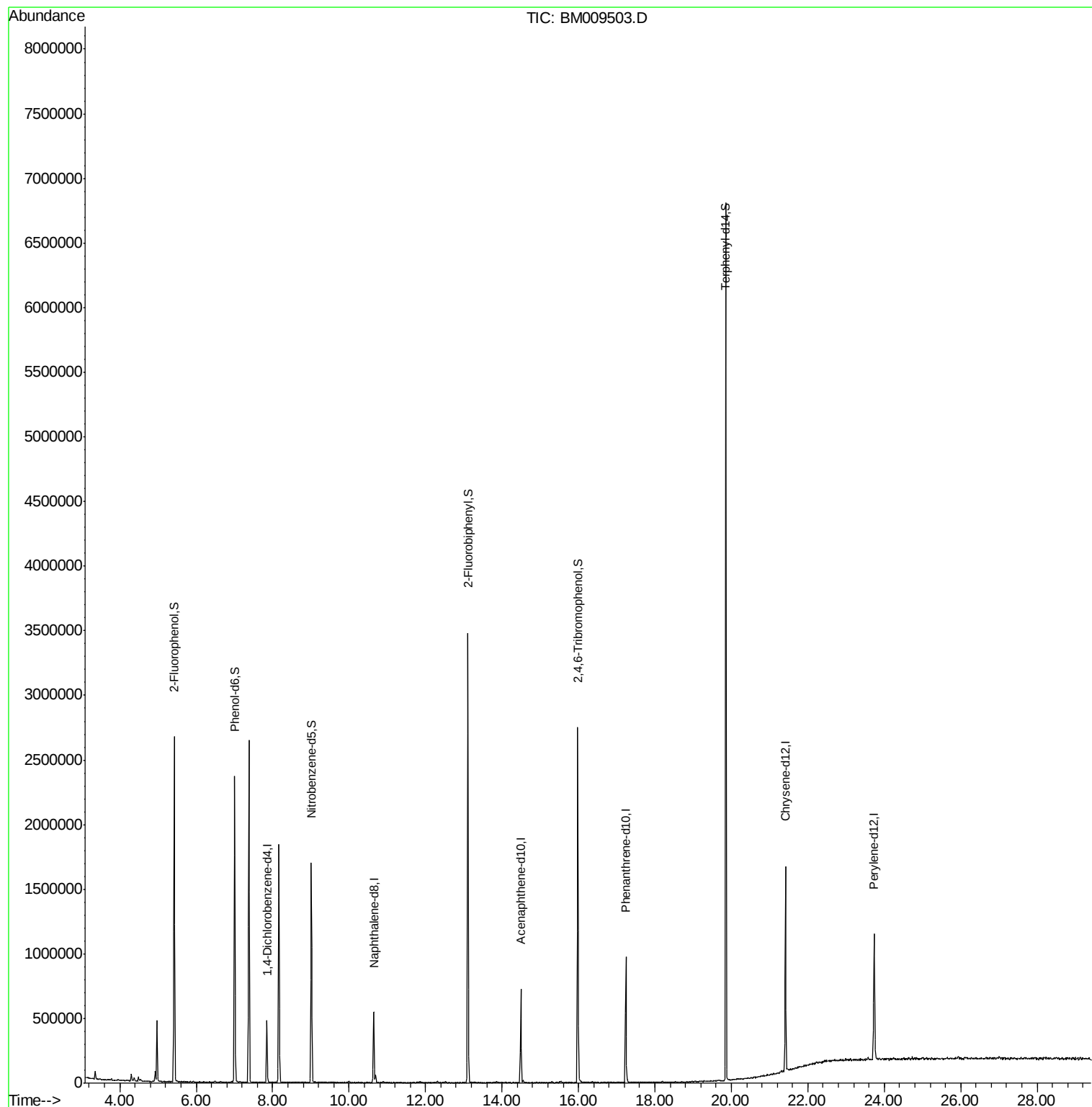
Target Compounds Qvalue

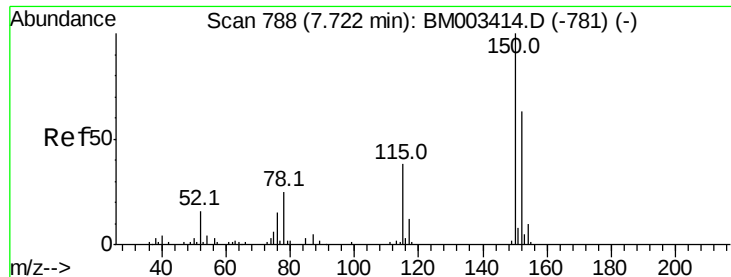
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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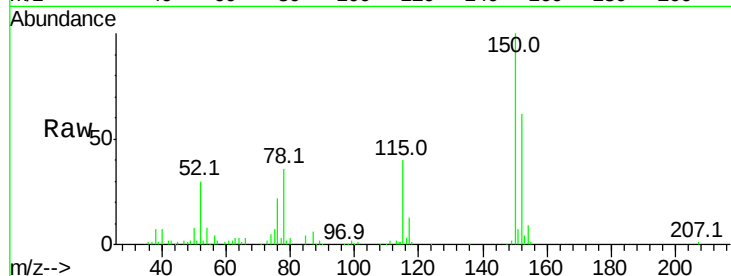


#1

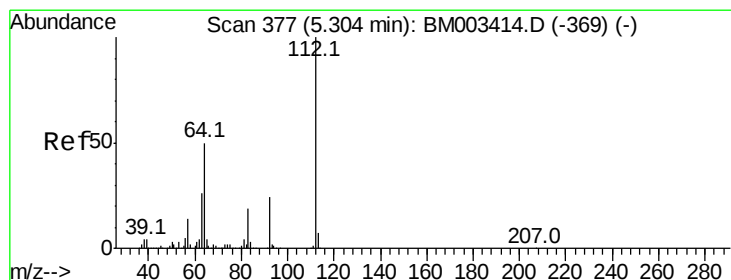
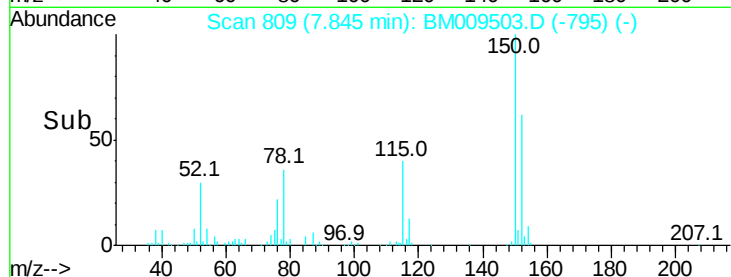
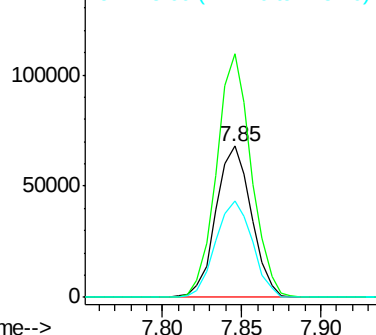
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009503.D
Acq: 03 Apr 2017 16:53

Instrument :
BNA_M
ClientSampleId :
WC-COMP-13

Tot Ion:152 Resp: 106062
Ion Ratio Lower Upper
152 100
150 161.2 119.5 179.3
115 64.0 43.0 64.4



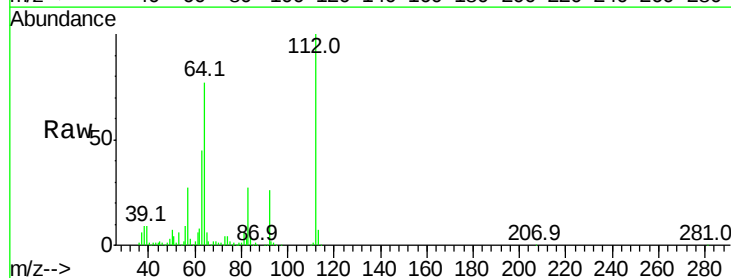
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



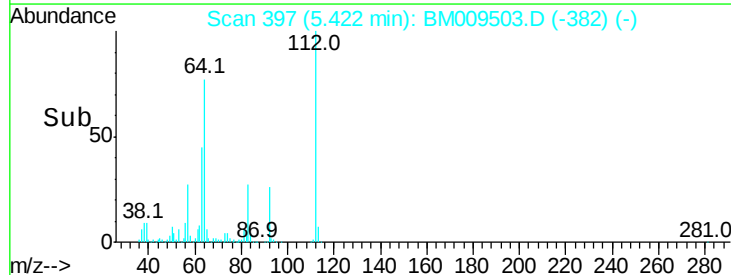
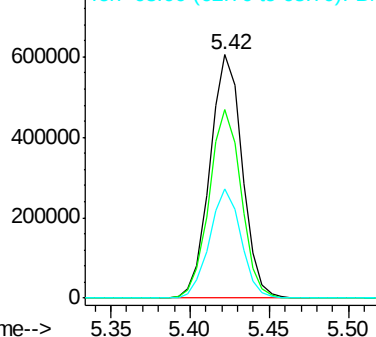
#5

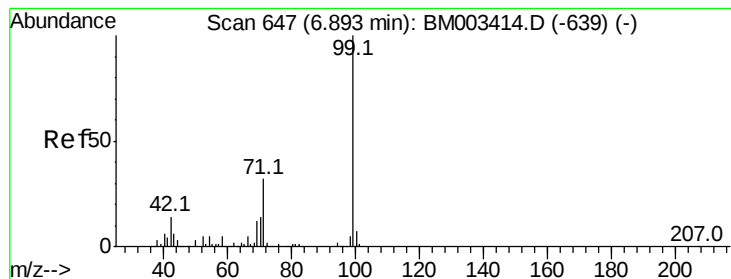
2-Fluorophenol
Concen: 134.57 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009503.D
Acq: 03 Apr 2017 16:53

Tgt Ion:112 Resp: 856300
Ion Ratio Lower Upper
112 100
64 77.2 38.6 57.8#
63 44.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 126.68 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009503.D

Acq: 03 Apr 2017 16:53

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13

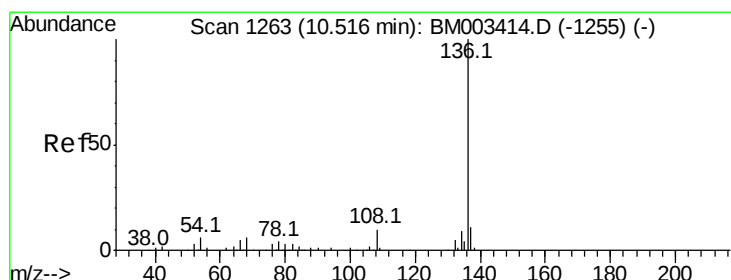
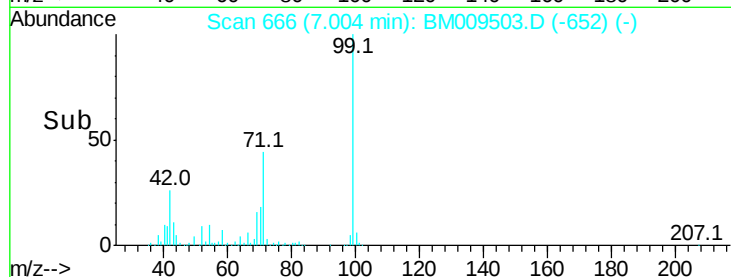
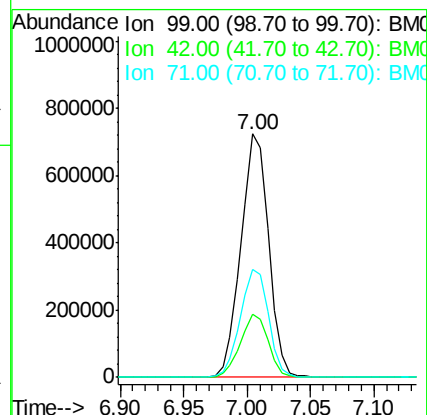
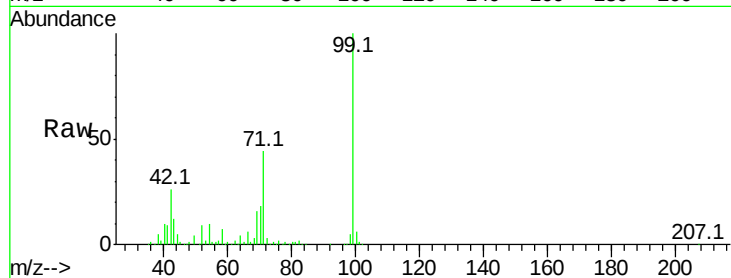
Tot Ion: 99 Resp: 1099187

Ion Ratio Lower Upper

99 100

42 25.9 11.0 16.4#

71 44.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009503.D

Acq: 03 Apr 2017 16:53

Tgt Ion: 136 Resp: 393533

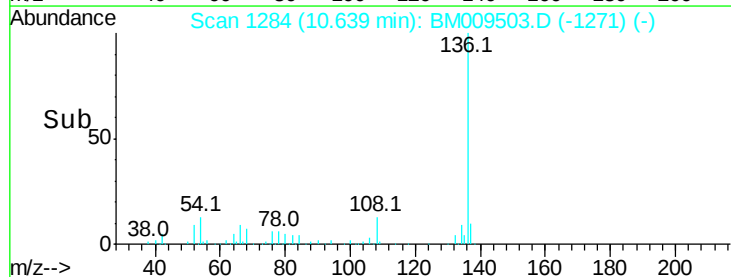
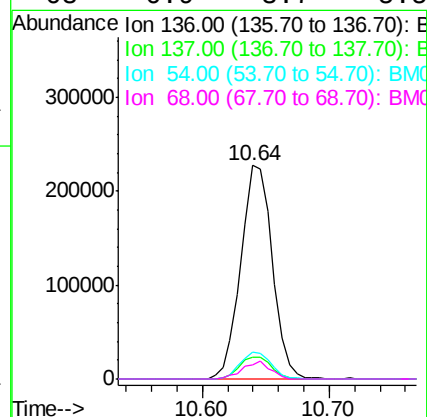
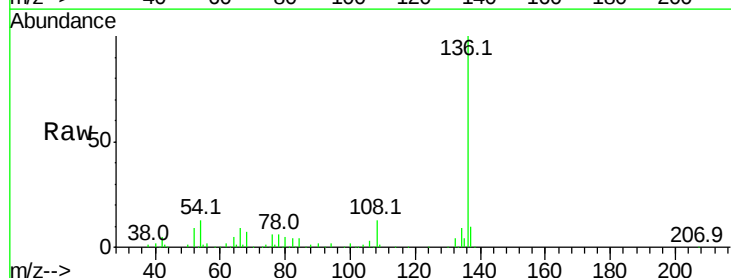
Ion Ratio Lower Upper

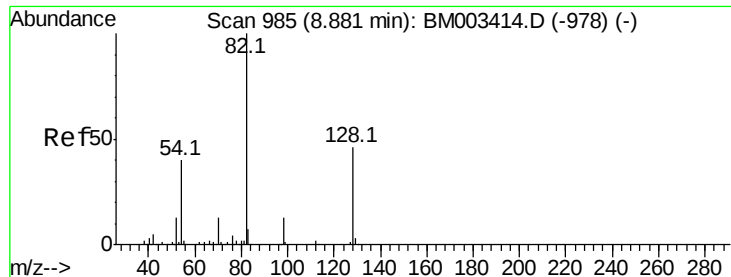
136 100

137 10.1 8.7 13.1

54 12.7 4.6 6.8#

68 6.9 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 89.07 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009503.D

Acq: 03 Apr 2017 16:53

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13

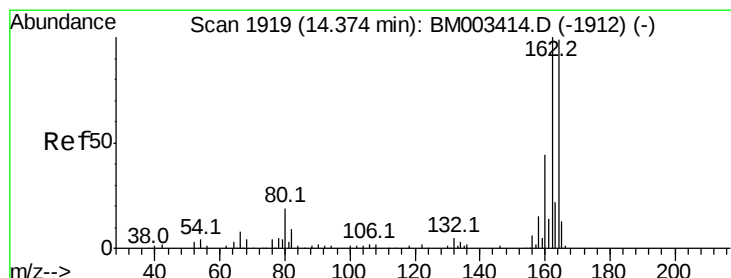
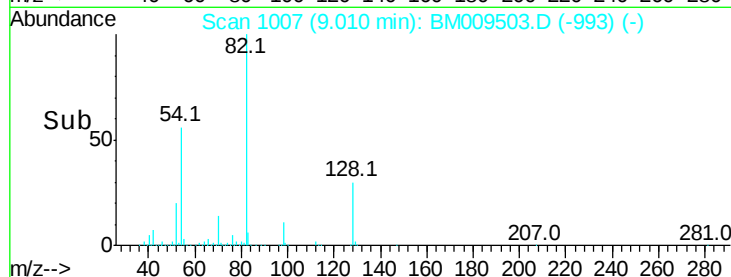
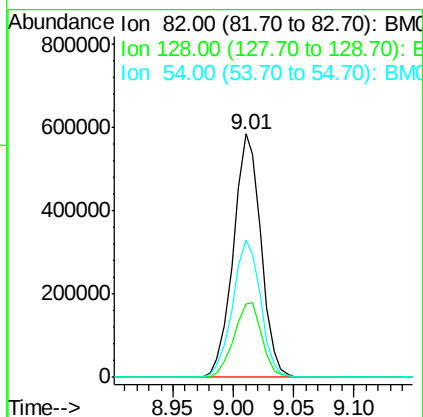
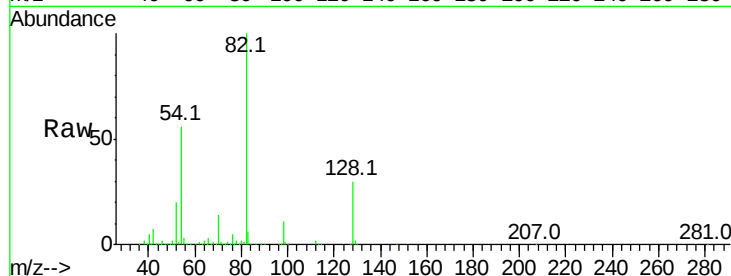
Tot Ion: 82 Resp: 934908

Ion Ratio Lower Upper

82 100

128 29.9 32.8 49.2#

54 56.5 40.6 60.8



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009503.D

Acq: 03 Apr 2017 16:53

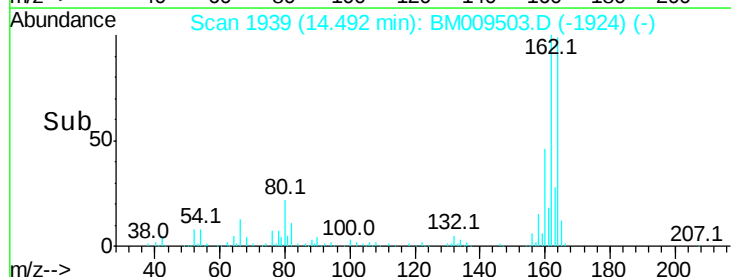
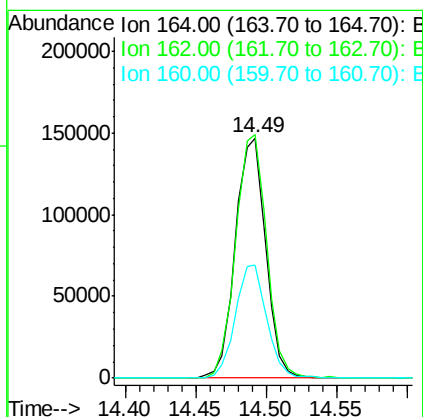
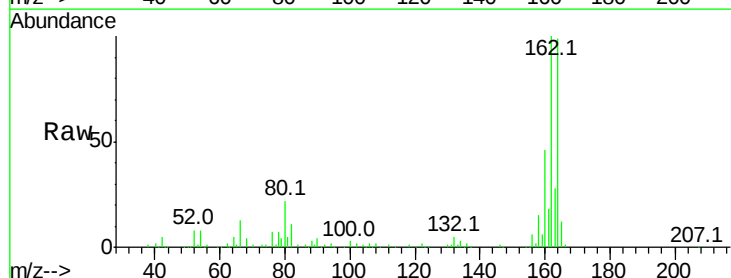
Tgt Ion:164 Resp: 219705

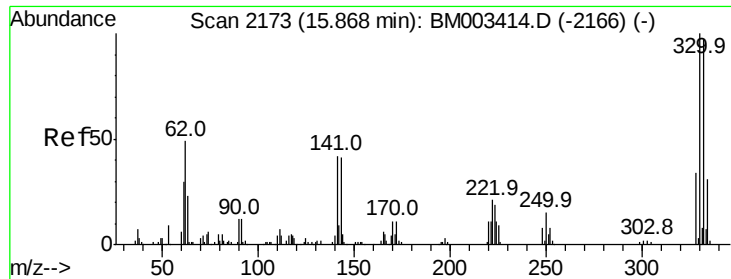
Ion Ratio Lower Upper

164 100

162 101.4 82.4 123.6

160 47.1 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 143.20 ng

RT: 15.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BM009503.D

Acq: 03 Apr 2017 16:53

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13

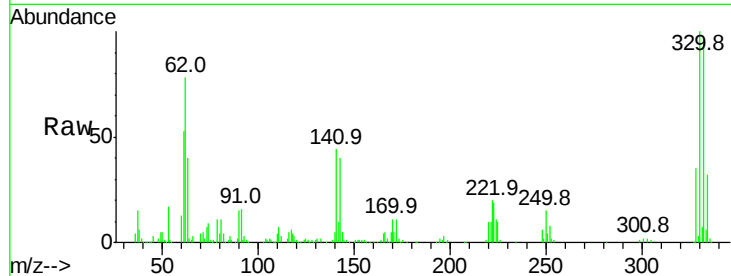
Tot Ion:330 Resp: 390851

Ion Ratio Lower Upper

330 100

332 96.7 0.0 0.0#

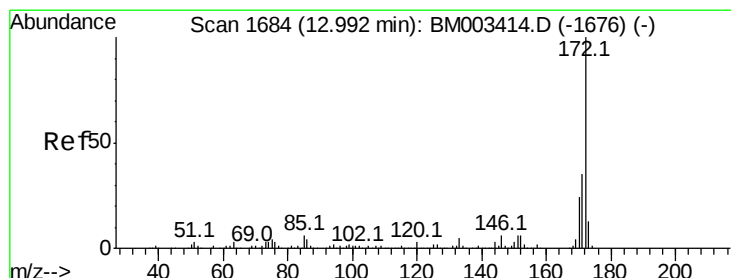
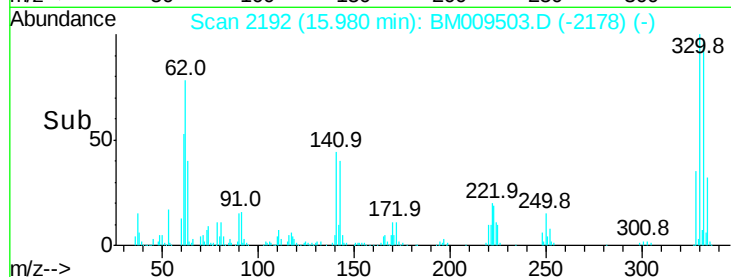
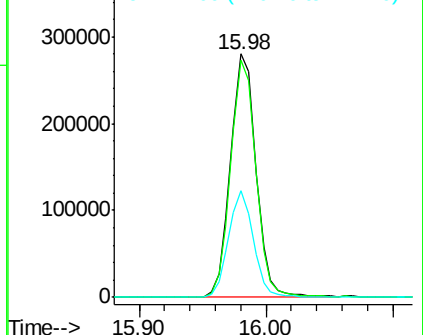
141 43.0 0.0 0.0#



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: 86.59 ng

RT: 13.10 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BM009503.D

Acq: 03 Apr 2017 16:53

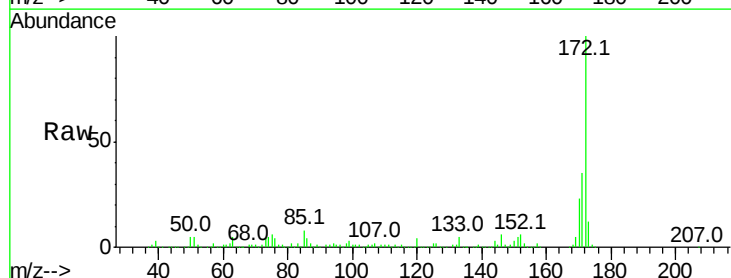
Tgt Ion:172 Resp: 1578774

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

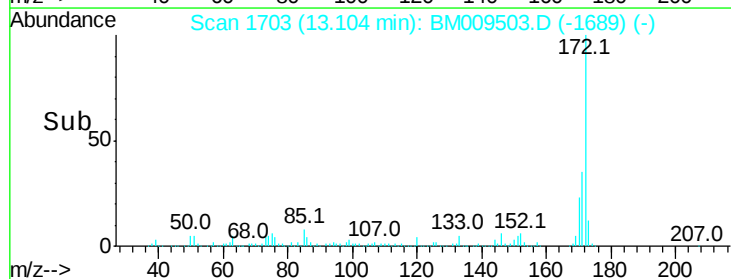
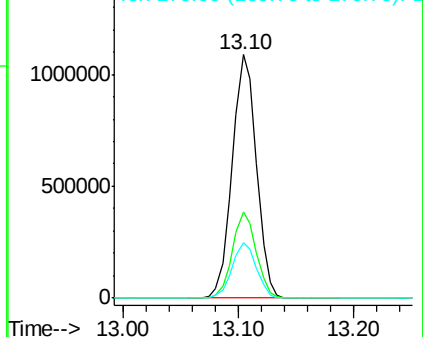
170 23.0 18.8 28.2

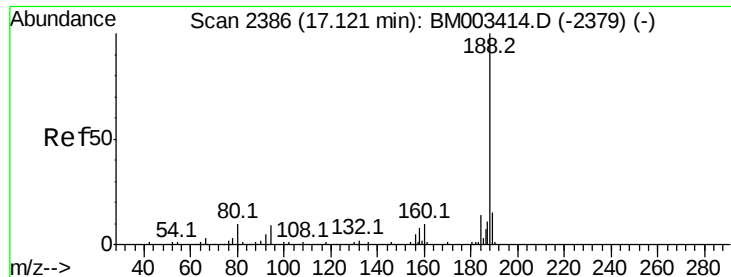


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

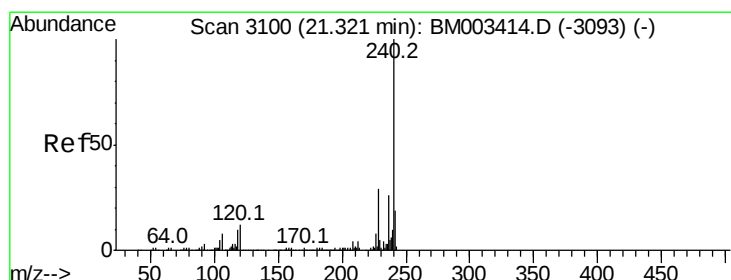
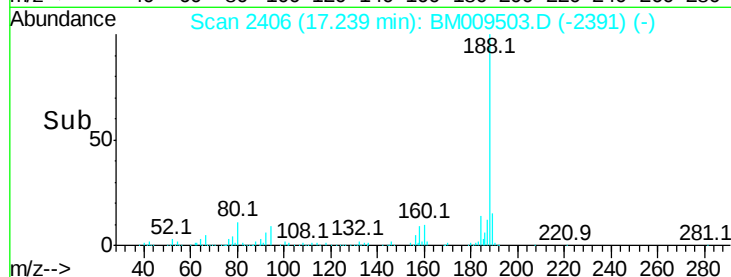
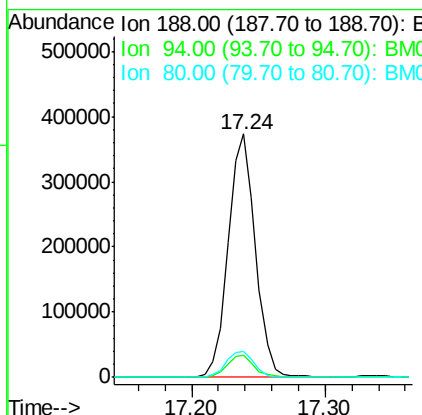
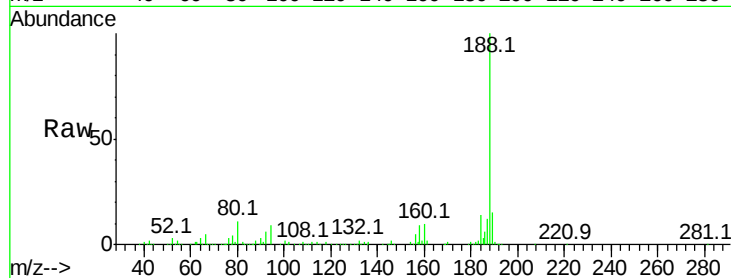




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009503.D
Acq: 03 Apr 2017 16:53

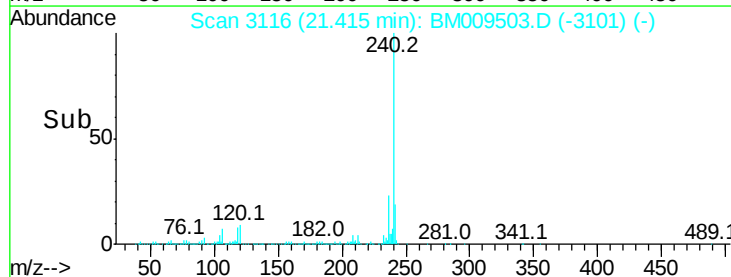
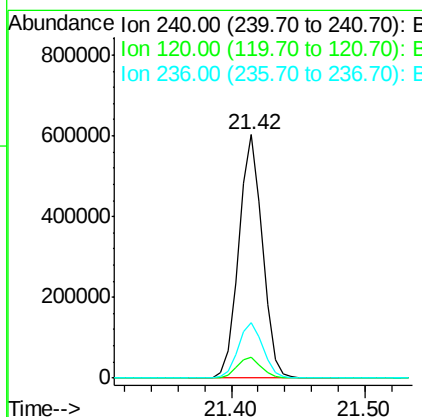
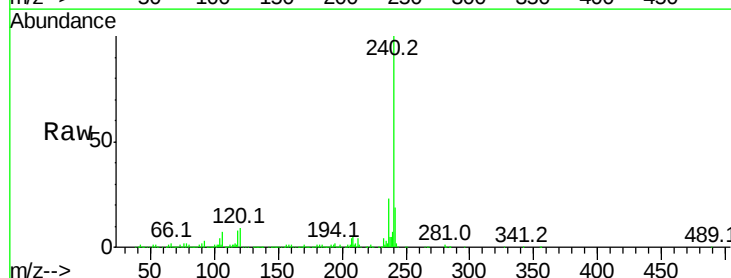
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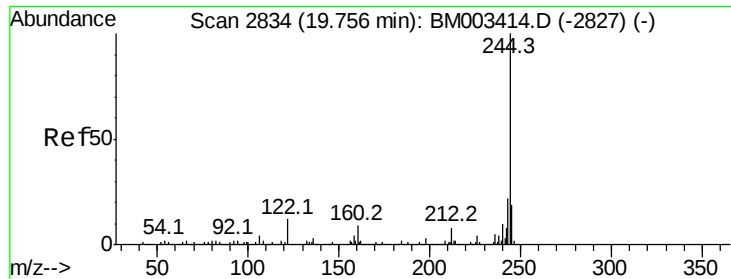
Tot Ion:188 Resp: 531099
Ion Ratio Lower Upper
188 100
94 9.1 8.7 13.1
80 10.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009503.D
Acq: 03 Apr 2017 16:53

Tgt Ion:240 Resp: 738751
Ion Ratio Lower Upper
240 100
120 8.5 8.2 12.2
236 22.9 20.0 30.0





#78

Terphenyl-d14

Concen: 73.36 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009503.D

Acq: 03 Apr 2017 16:53

Instrument :

BNA_M

ClientSampleId :

WC-COMP-13

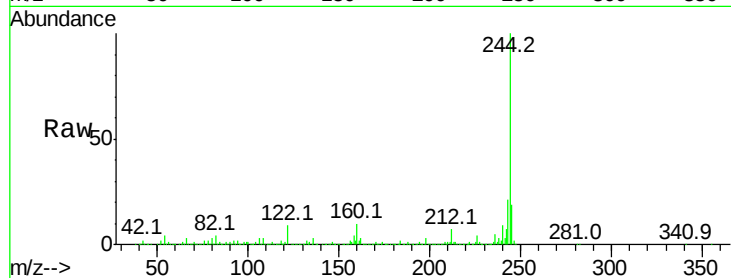
Tot Ion:244 Resp: 2593685

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

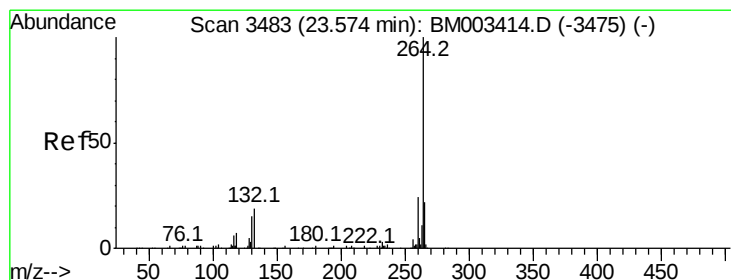
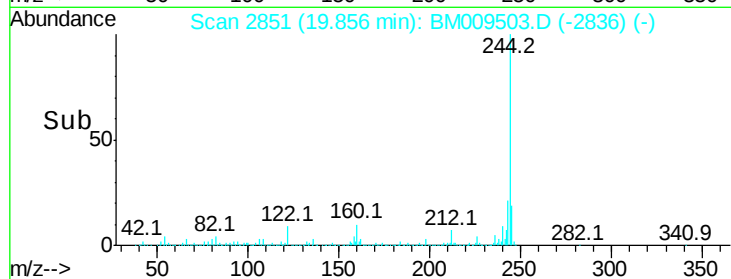
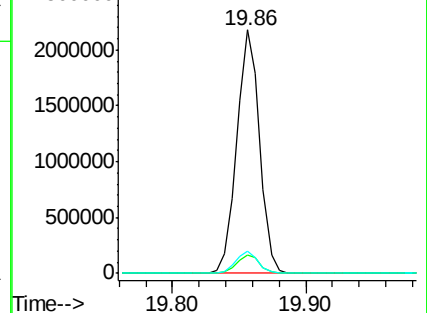
122 9.2 6.2 9.4



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: 23.74 min Scan# 3511

Delta R.T. -0.02 min

Lab File: BM009503.D

Acq: 03 Apr 2017 16:53

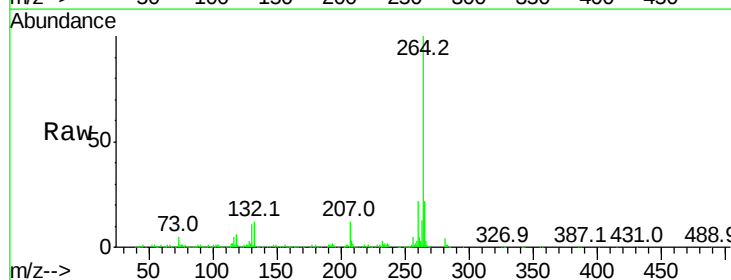
Tgt Ion:264 Resp: 692371

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 22.2 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

