

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM009995.D
 Acq On : 11 May 2017 21:30
 Operator : SJ/MA
 Sample : I3058-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508

Quant Time: May 12 07:19:28 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

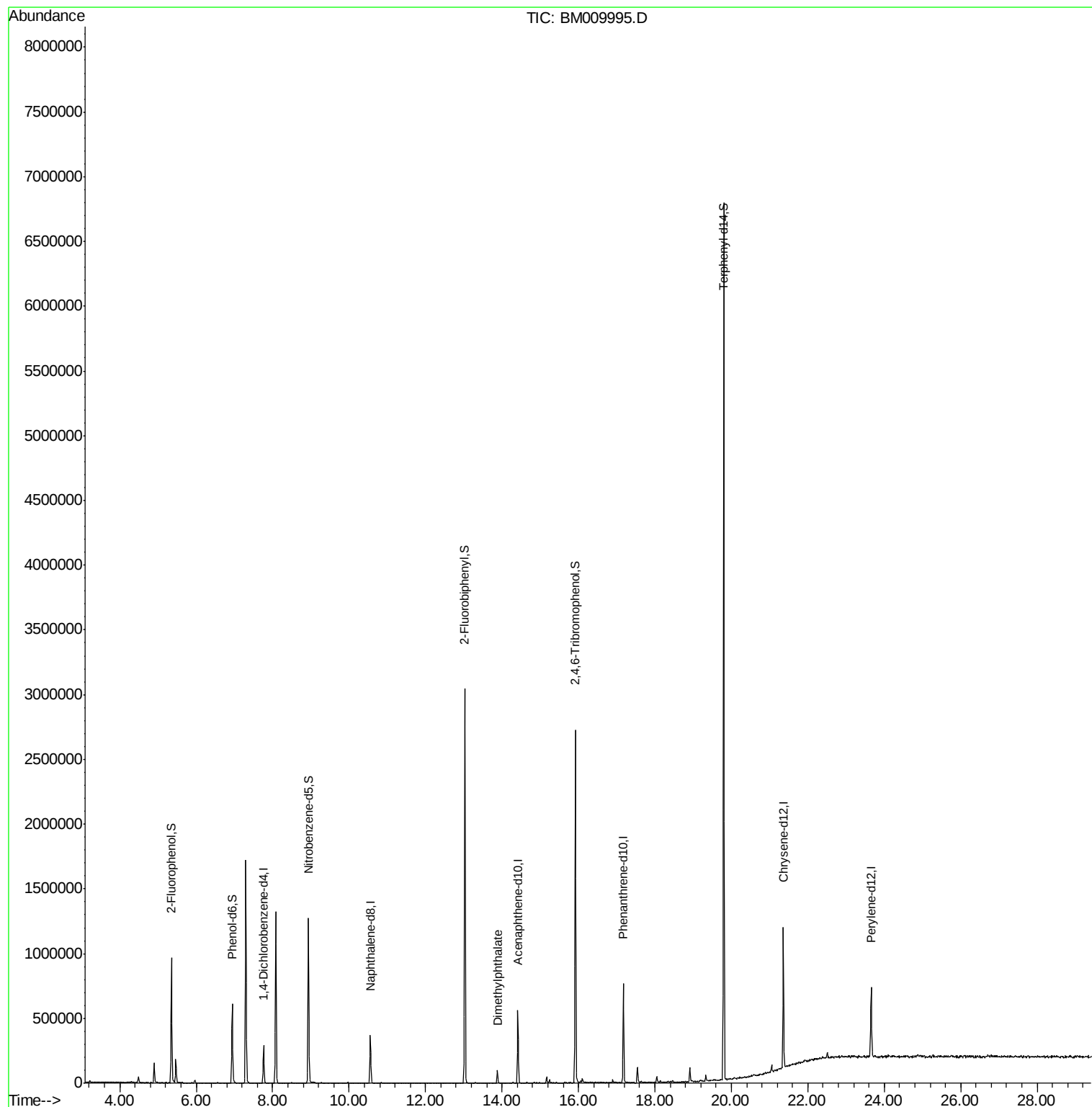
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	63439	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	261459	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	171009	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	417234	20.00	ng	-0.02
75) Chrysene-d12	21.36	240	517911	20.00	ng	-0.02
86) Perylene-d12	23.66	264	395216	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	327629	80.82	ng	-0.02
7) Phenol-d6	6.94	99	297973	45.87	ng	-0.03
23) Nitrobenzene-d5	8.93	82	757826	105.92	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	400306	171.04	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1363011	106.59	ng	-0.02
78) Terphenyl-d14	19.80	244	2448083	99.62	ng	-0.02
Target Compounds						
49) Dimethylphthalate	13.88	163	57176	3.79	ng	Qvalue 97

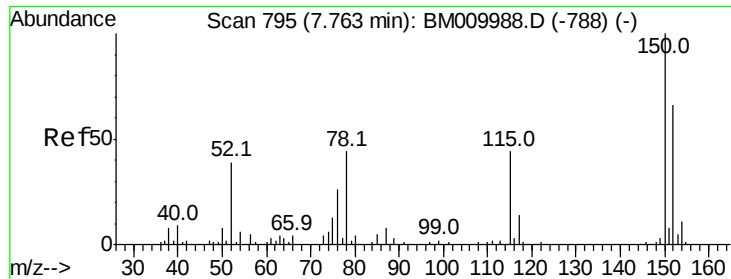
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 795

Delta R.T. -0.02 min

Lab File: BM009995.D

Acq: 11 May 2017 21:30

Instrument :

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LF017MW003-170508

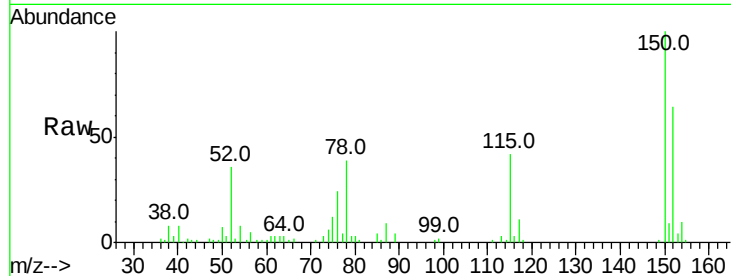
Tot Ion:152 Resp: 63439

Ion Ratio Lower Upper

152 100

150 156.3 119.5 179.3

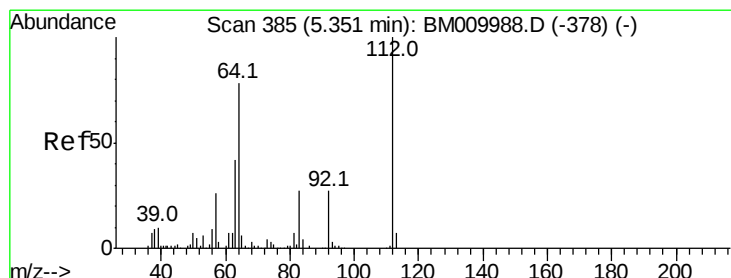
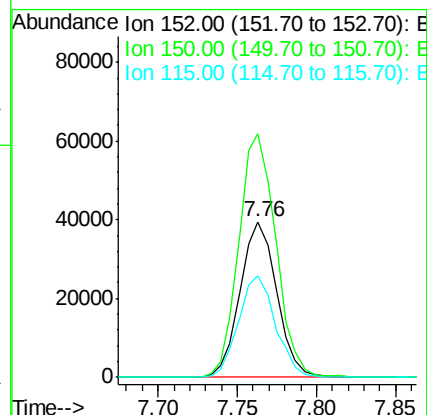
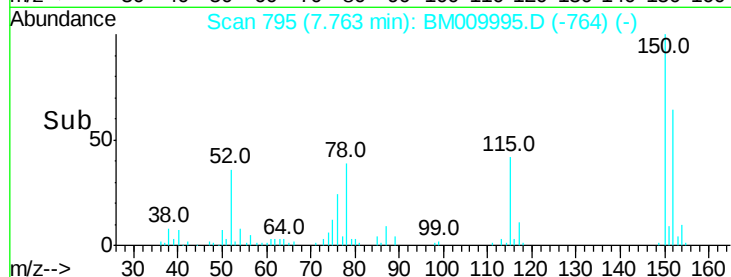
115 65.4 43.0 64.4#



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: 80.82 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM009995.D

Acq: 11 May 2017 21:30

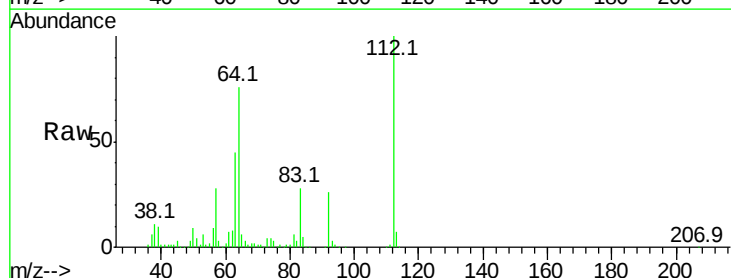
Tgt Ion:112 Resp: 327629

Ion Ratio Lower Upper

112 100

64 76.1 38.6 57.8#

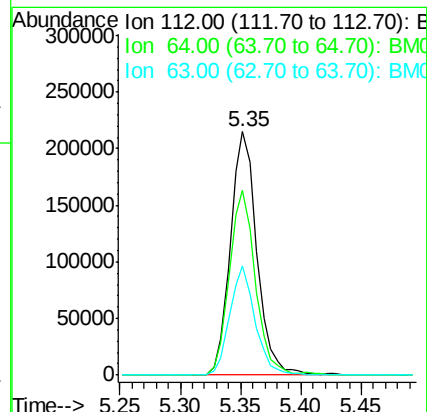
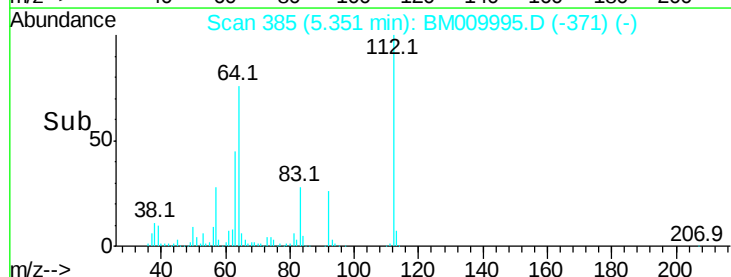
63 45.1 19.3 28.9#

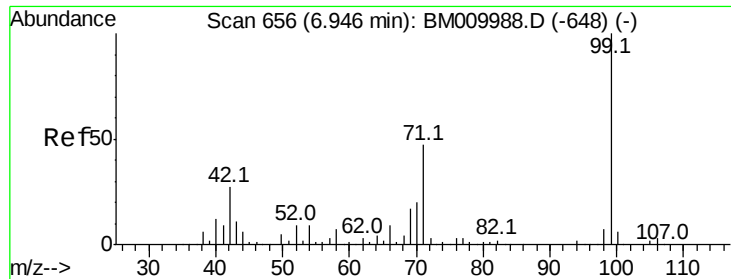


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM





#7

Phenol-d6

Concen: 45.87 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM009995.D

Acq: 11 May 2017 21:30

Instrument :

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LF017MW003-170508

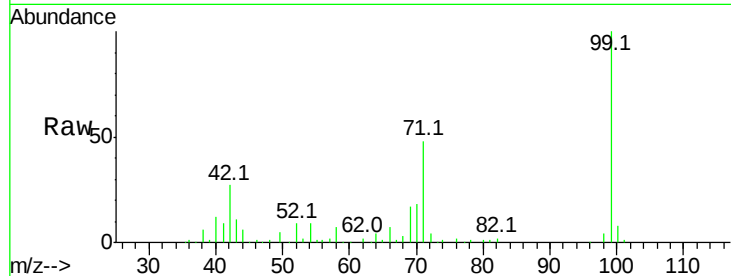
Tot Ion: 99 Resp: 297973

Ion Ratio Lower Upper

99 100

42 26.6 11.0 16.4#

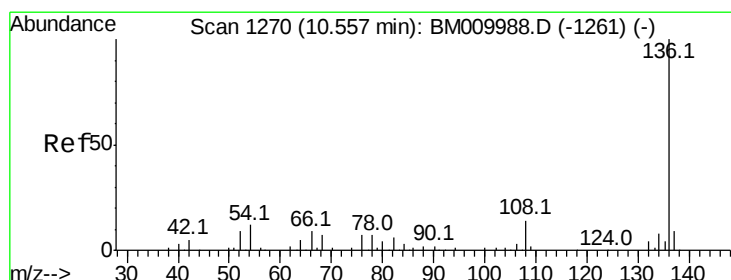
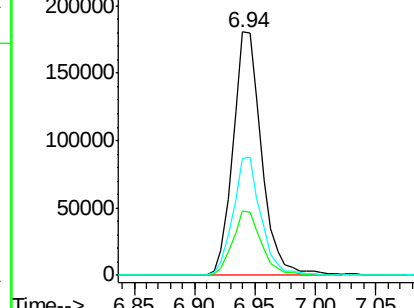
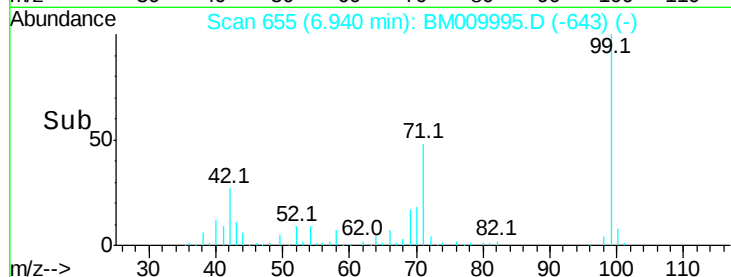
71 47.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009988.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM009988.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM009988.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM009995.D

Acq: 11 May 2017 21:30

Tgt Ion: 136 Resp: 261459

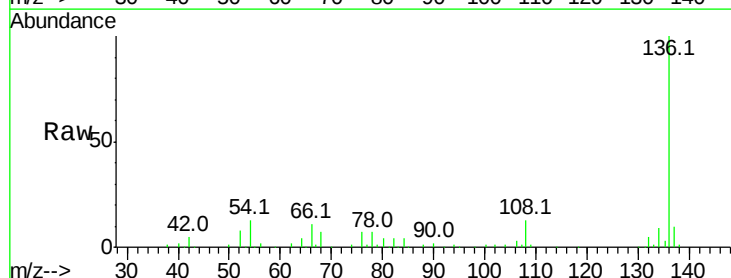
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 12.9 4.6 6.8#

68 7.2 3.7 5.5#

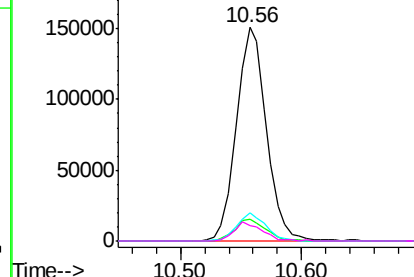
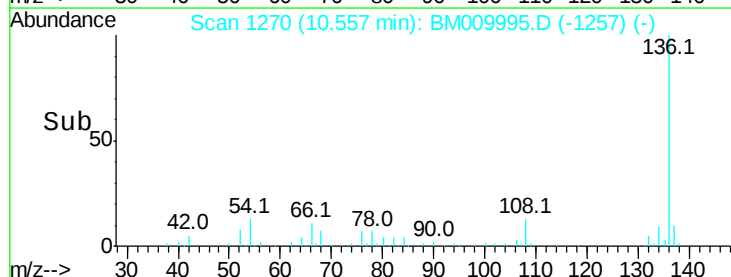


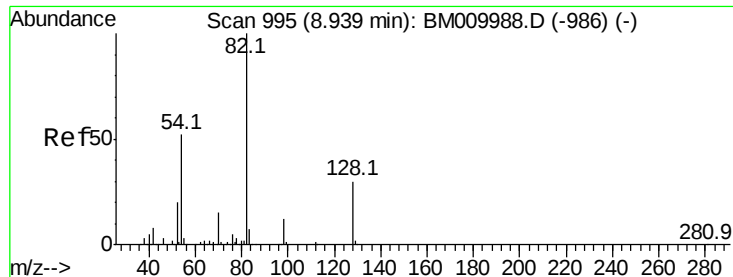
Abundance Ion 136.00 (135.70 to 136.70): BM009988.D (-1261) (-)

Ion 137.00 (136.70 to 137.70): BM009988.D (-1261) (-)

Ion 54.00 (53.70 to 54.70): BM009988.D (-1261) (-)

Ion 68.00 (67.70 to 68.70): BM009988.D (-1261) (-)

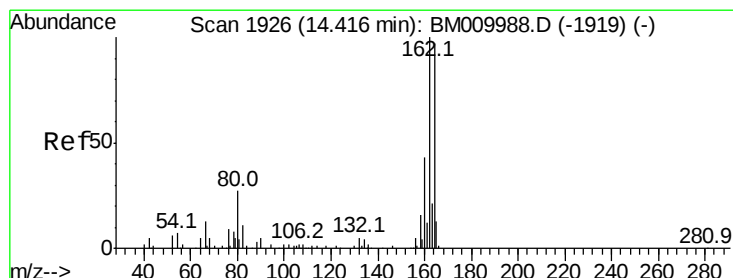
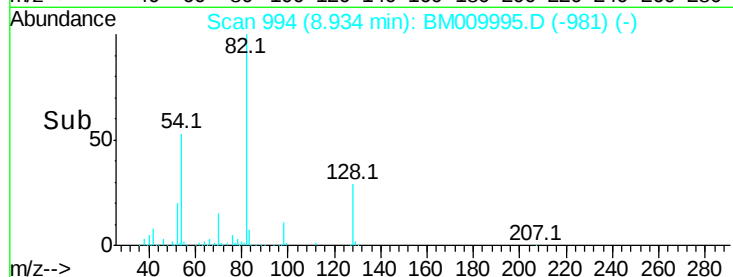
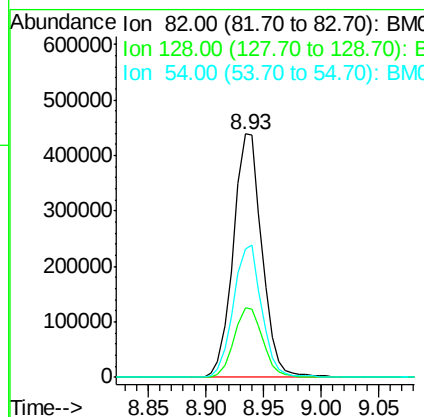
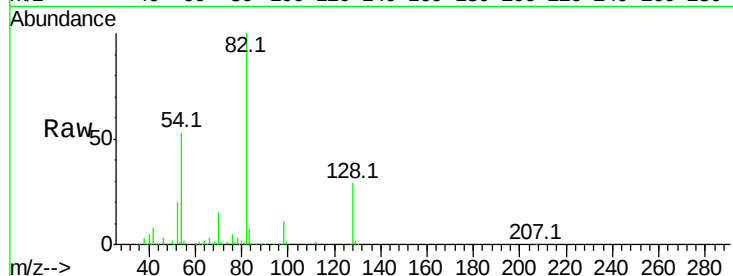




#23
 Nitrobenzene-d5
 Concen: 105.92 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BM009995.D
 Acq: 11 May 2017 21:30

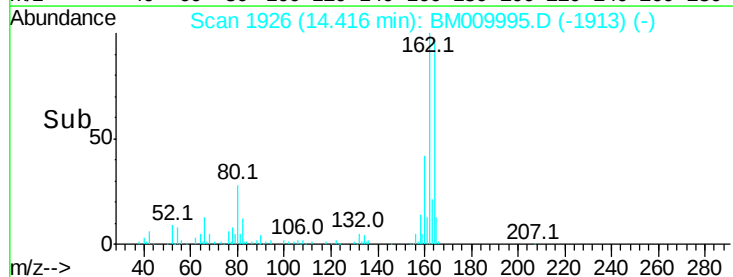
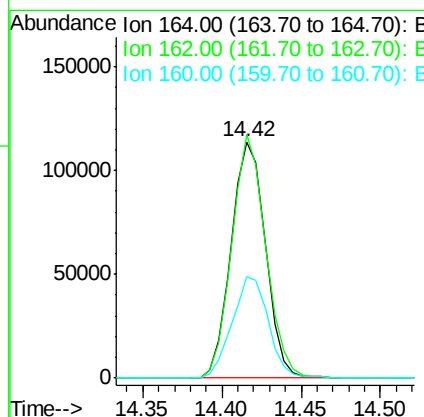
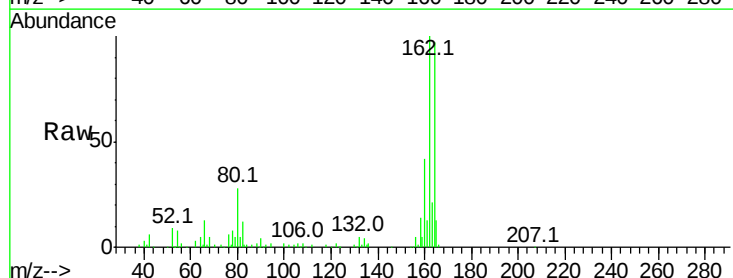
Instrument :
 BNA_M
 ClientSampleId :
 LF017MW003-170508

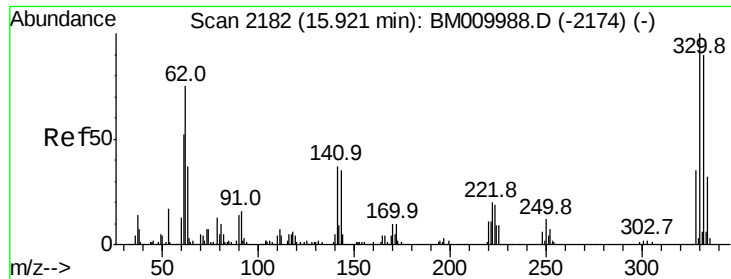
Tot Ion	82	Resp	757826
Ion	Ratio	Lower	Upper
82	100		
128	28.7	32.8	49.2#
54	52.8	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BM009995.D
 Acq: 11 May 2017 21:30

Tgt Ion	164	Resp	171009
Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	43.0	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 171.04 ng

RT: 15.92 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BM009995.D

Acq: 11 May 2017 21:30

Instrument :

BNA_M

ClientSampleId :

LF017MW003-170508

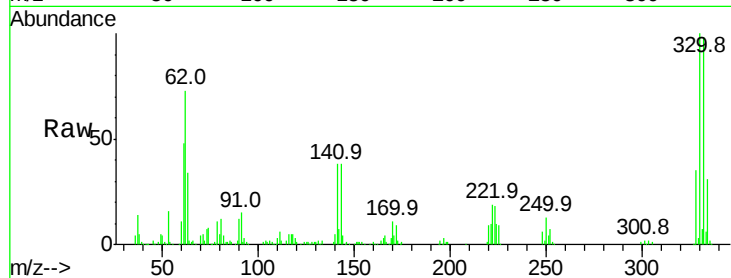
Tot Ion:330 Resp: 400306

Ion Ratio Lower Upper

330 100

332 94.4 0.0 0.0#

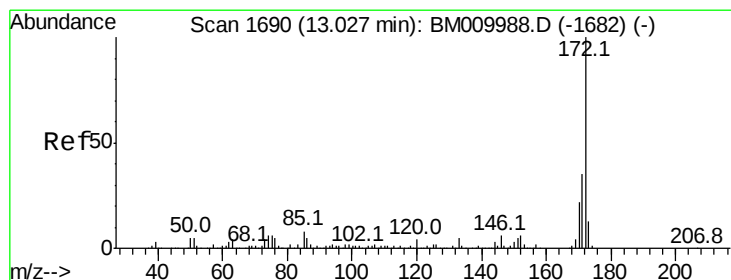
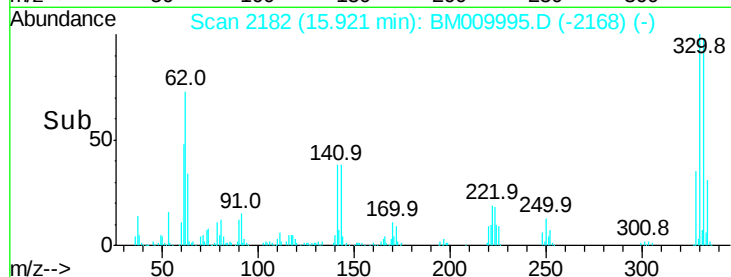
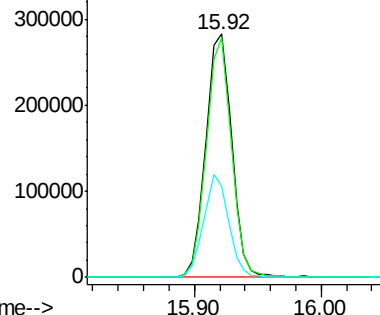
141 40.7 0.0 0.0#



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: 106.59 ng

RT: 13.03 min Scan# 1690

Delta R.T. -0.02 min

Lab File: BM009995.D

Acq: 11 May 2017 21:30

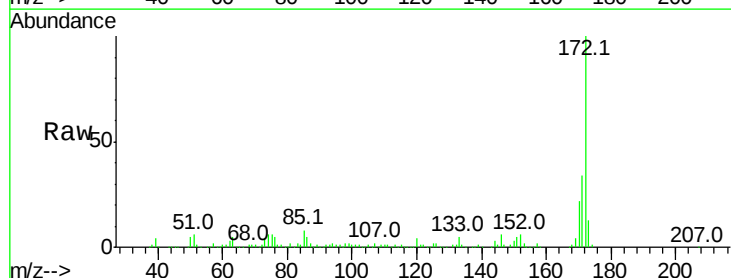
Tgt Ion:172 Resp: 1363011

Ion Ratio Lower Upper

172 100

171 34.4 28.5 42.7

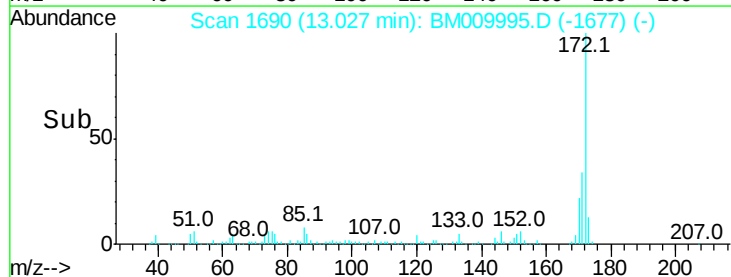
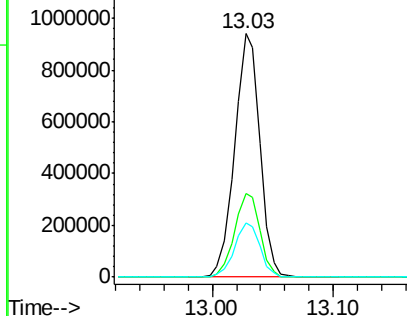
170 22.3 18.8 28.2

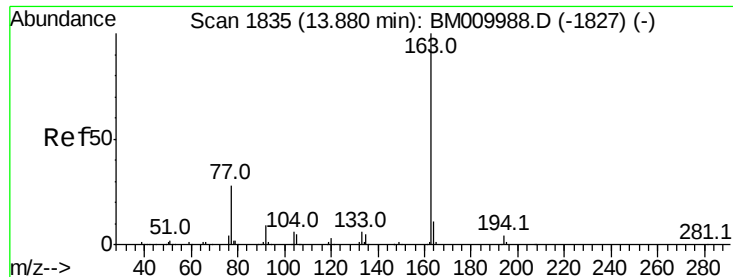


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

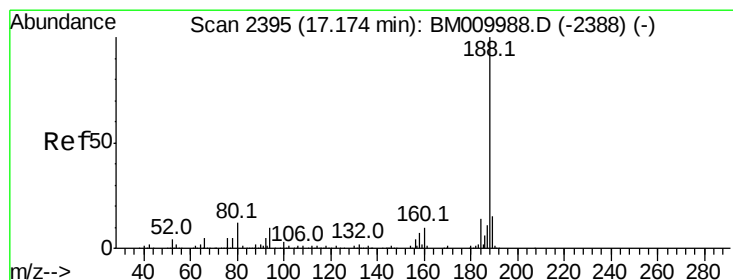
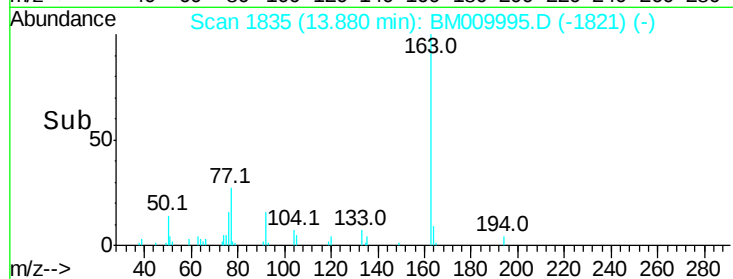
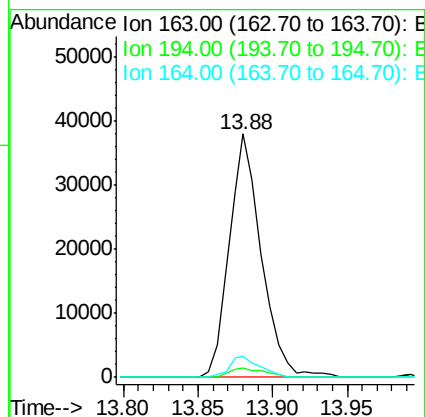
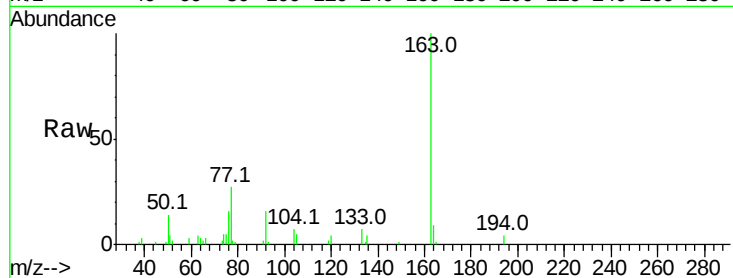




#49
Dimethylphthalate
Concen: 3.79 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM009995.D
Acq: 11 May 2017 21:30

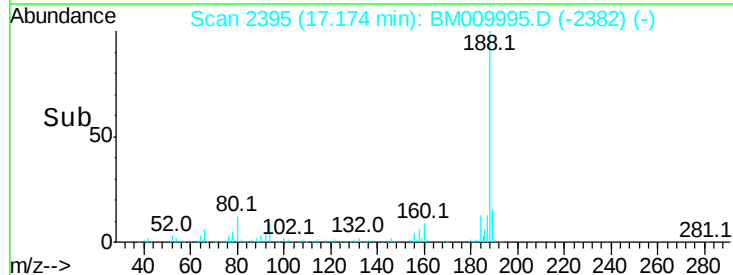
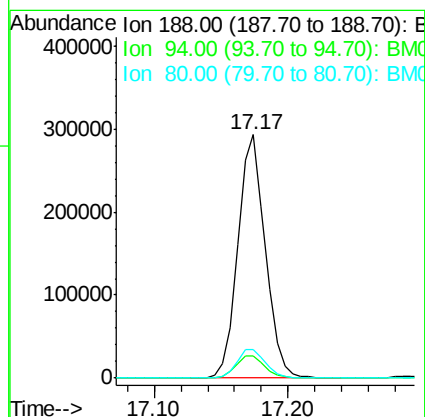
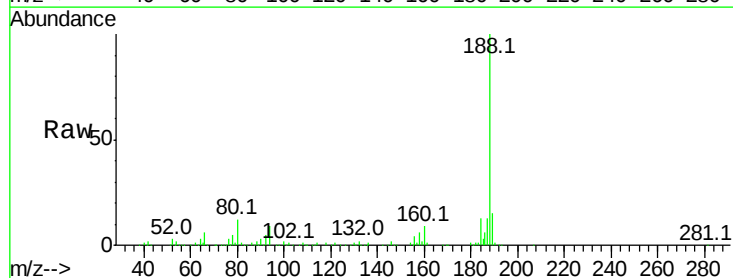
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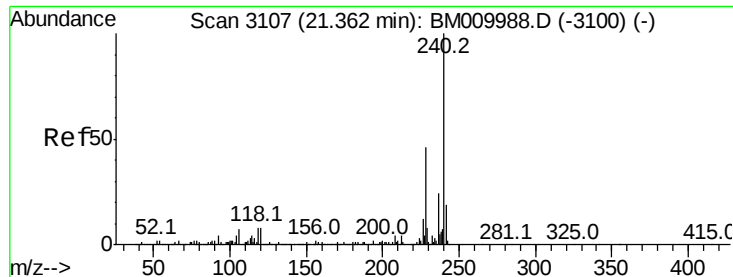
Tot Ion:163 Resp: 57176
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 8.7 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.02 min
Lab File: BM009995.D
Acq: 11 May 2017 21:30

Tgt Ion:188 Resp: 417234
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 12.0 9.3 13.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.36 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM009995.D

Acq: 11 May 2017 21:30

Instrument :

BNA_M

ClientSampleId :

LF017MW003-170508

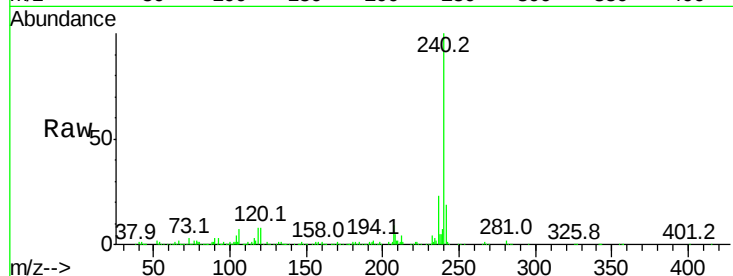
Tot Ion:240 Resp: 517911

Ion Ratio Lower Upper

240 100

120 7.9 8.2 12.2#

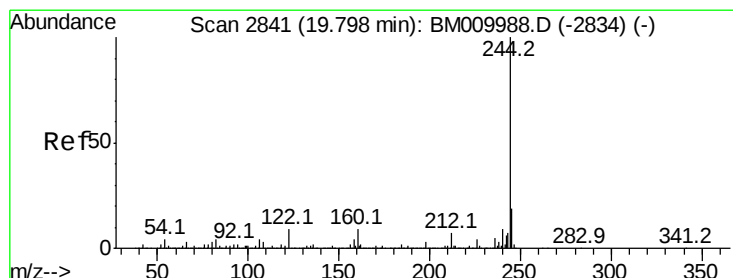
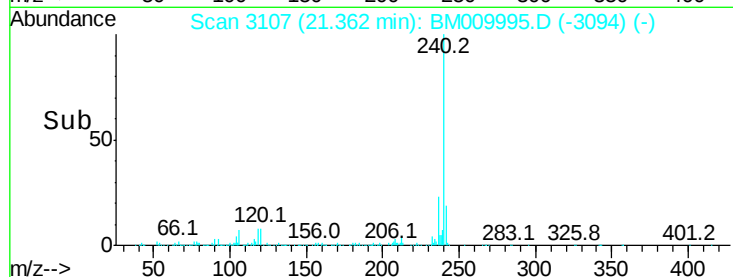
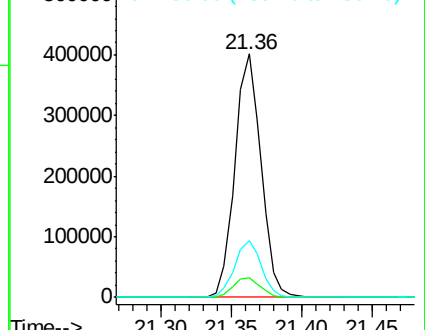
236 23.1 20.0 30.0



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: 99.62 ng

RT: 19.80 min Scan# 2841

Delta R.T. -0.02 min

Lab File: BM009995.D

Acq: 11 May 2017 21:30

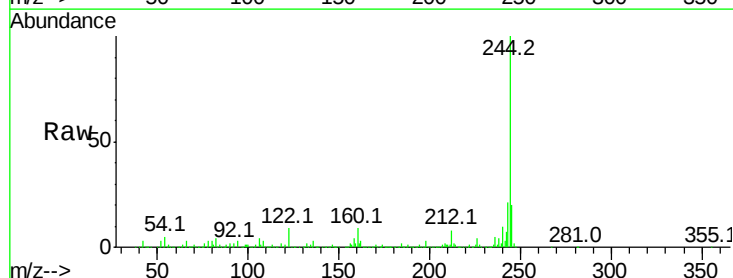
Tgt Ion:244 Resp: 2448083

Ion Ratio Lower Upper

244 100

212 7.7 4.9 7.3#

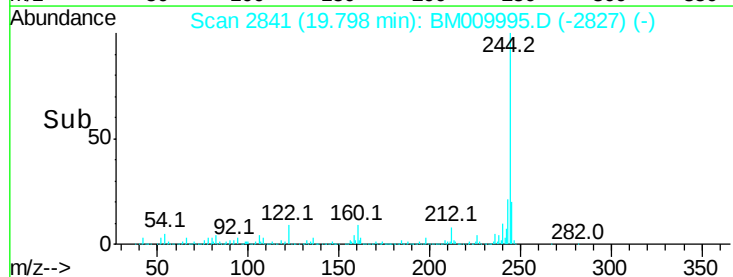
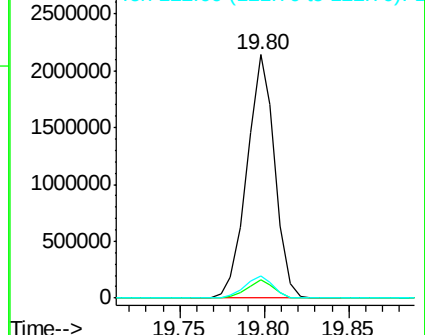
122 9.1 6.2 9.4

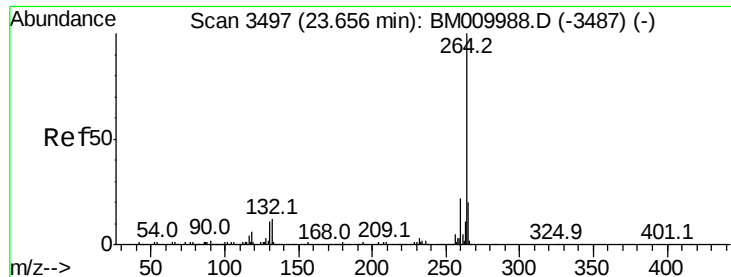


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

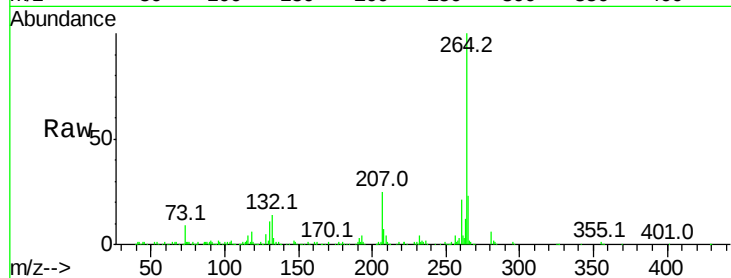




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.66 min Scan# 3497
 Delta R.T. -0.04 min
 Lab File: BM009995.D
 Acq: 11 May 2017 21:30

Instrument :
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 ClientSampleId :
 LF017MW003-170508

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.6	18.6	27.8
265	23.3	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

