

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051117\
 Data File : BM010007.D
 Acq On : 12 May 2017 04:42
 Operator : SJ/MA
 Sample : I3079-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF016MW001-170509

Quant Time: May 12 07:02:11 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

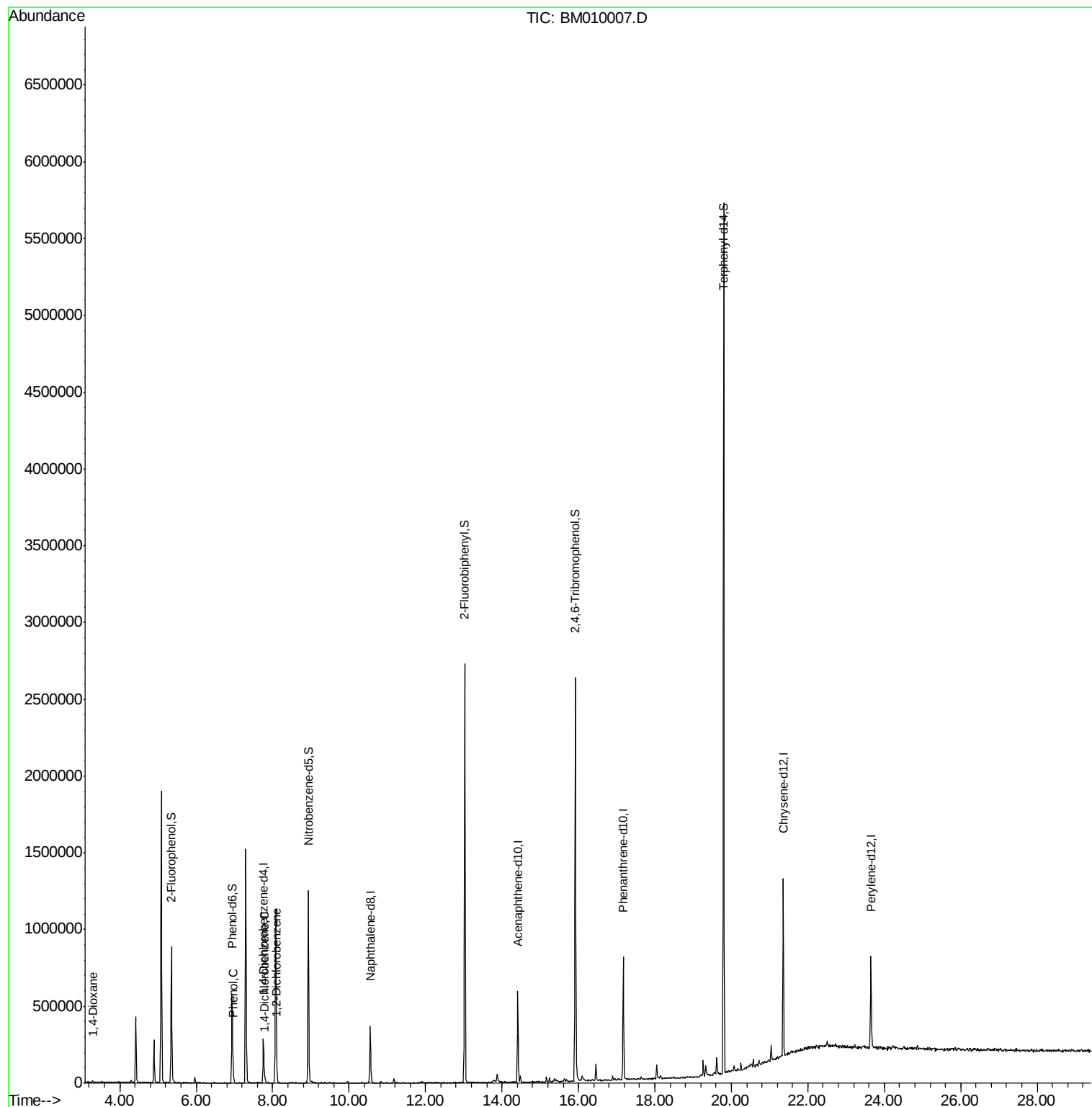
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	60436	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	259824	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	169823	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	422176	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	539345	20.00	ng	-0.03
86) Perylene-d12	23.65	264	404662	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	293645	76.04	ng	-0.02
7) Phenol-d6	6.95	99	293428	47.42	ng	-0.02
23) Nitrobenzene-d5	8.93	82	706066	99.31	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	377033	162.22	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1200246	94.52	ng	-0.02
78) Terphenyl-d14	19.80	244	2176682	85.06	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.29	88	5922	4.14	ng	Qvalue # 100
10) Phenol	6.97	94	20531	3.05	ng	84
13) 1,4-Dichlorobenzene	7.79	146	11366	2.37	ng	95
14) 1,2-Dichlorobenzene	8.11	146	26907	5.79	ng	93

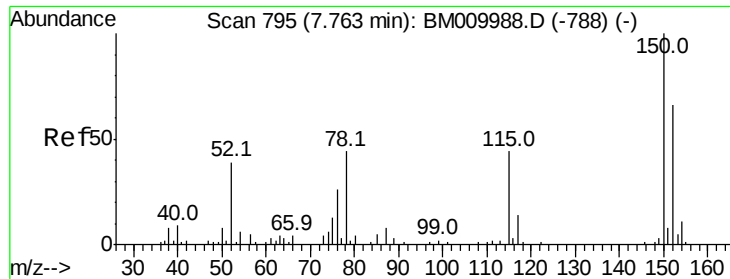
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

LF016MW001-170509

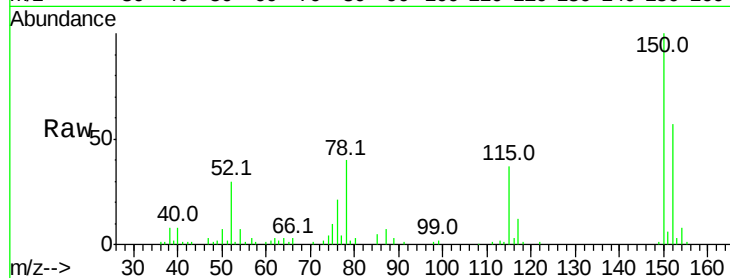
Tot Ion:152 Resp: 60436

Ion Ratio Lower Upper

152 100

150 176.4 119.5 179.3

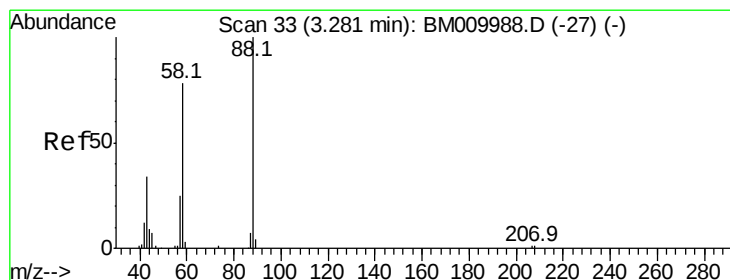
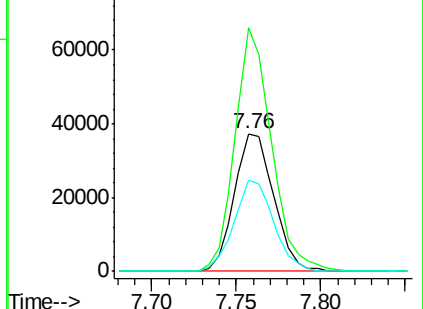
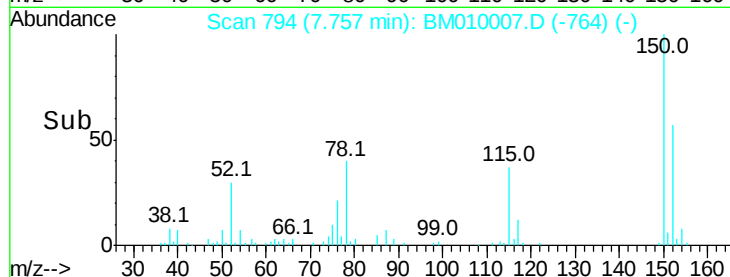
115 65.8 43.0 64.4#



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



#2

1,4-Dioxane

Concen: 4.14 ng

RT: 3.29 min Scan# 34

Delta R.T. -0.00 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

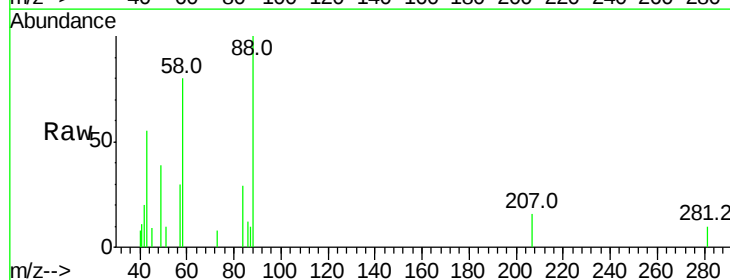
Tgt Ion: 88 Resp: 5922

Ion Ratio Lower Upper

88 100

58 88.1 0.0 0.0#

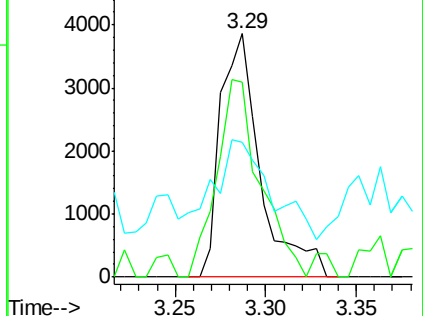
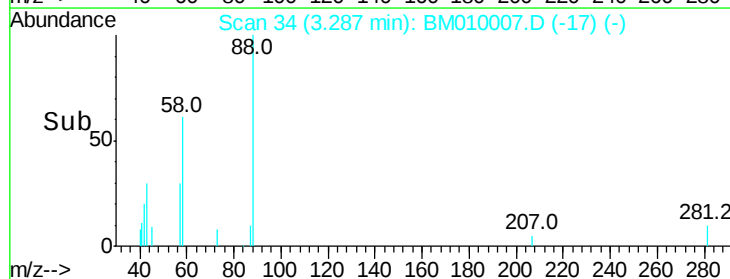
43 58.5 0.0 0.0#

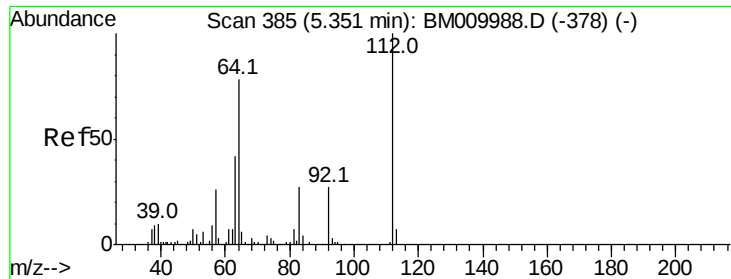


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 76.04 ng

RT: 5.35 min Scan# 385

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

LF016MW001-170509

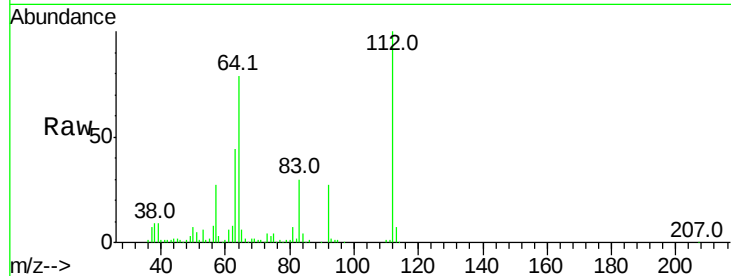
Tot Ion:112 Resp: 293645

Ion Ratio Lower Upper

112 100

64 78.8 38.6 57.8#

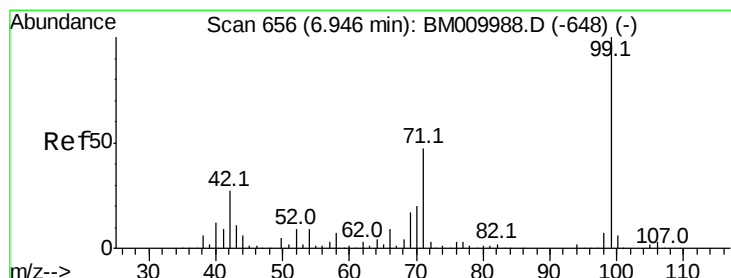
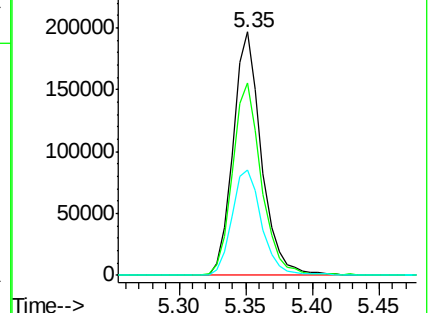
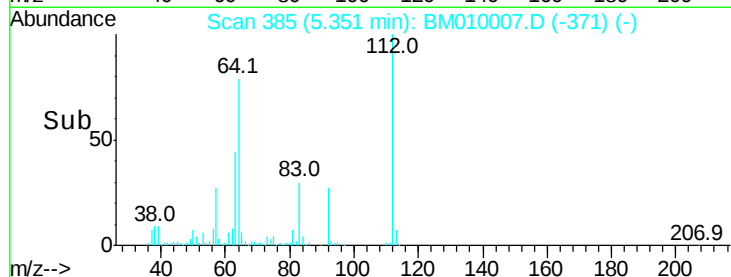
63 43.5 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 47.42 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

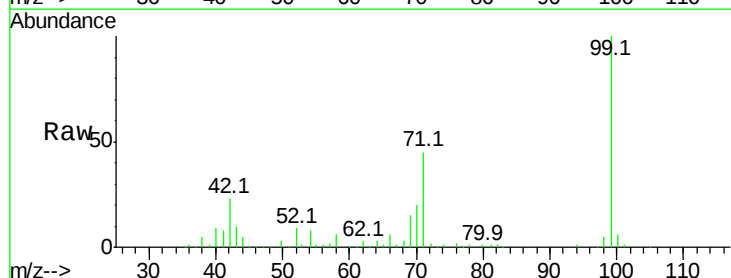
Tgt Ion: 99 Resp: 293428

Ion Ratio Lower Upper

99 100

42 23.4 11.0 16.4#

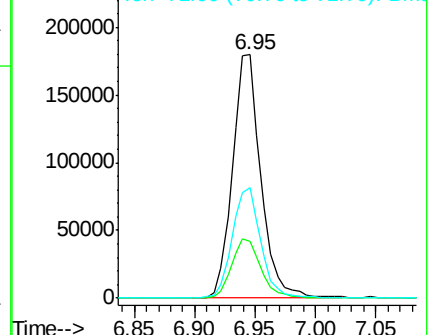
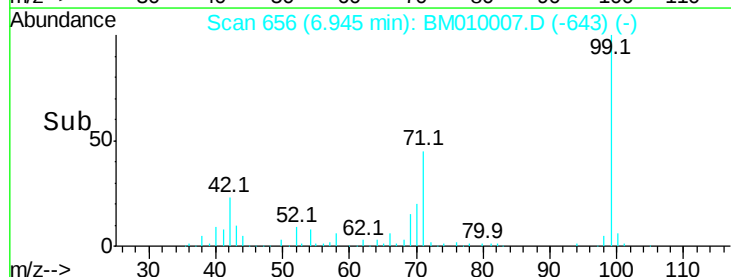
71 45.2 23.4 35.2#

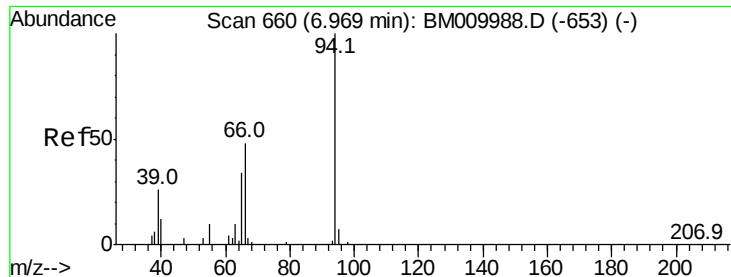


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#10

Phenol

Concen: 3.05 ng

RT: 6.97 min Scan# 660

Delta R.T. -0.03 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

LF016MW001-170509

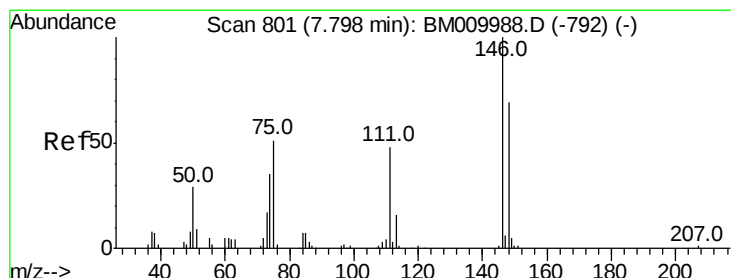
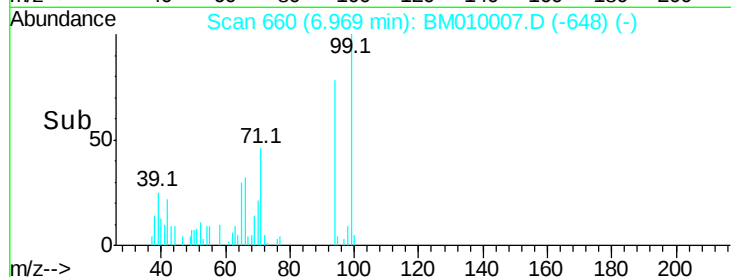
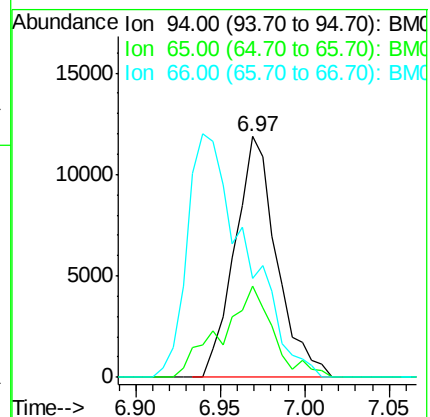
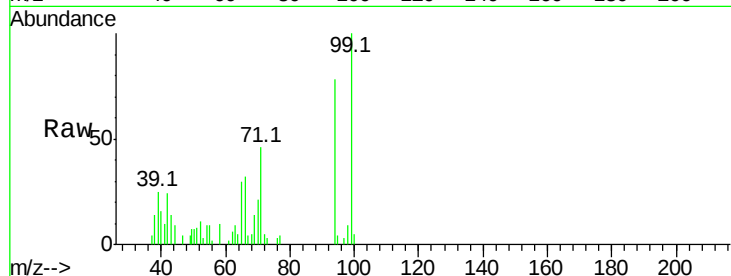
Tot Ion: 94 Resp: 20531

Ion Ratio Lower Upper

94 100

65 38.0 18.8 58.8

66 40.9 39.9 79.9



#13

1,4-Dichlorobenzene

Concen: 2.37 ng

RT: 7.79 min Scan# 800

Delta R.T. -0.03 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

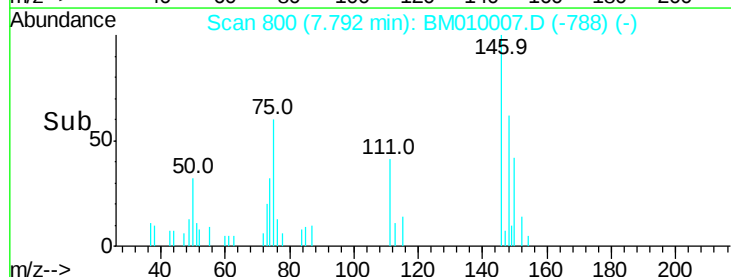
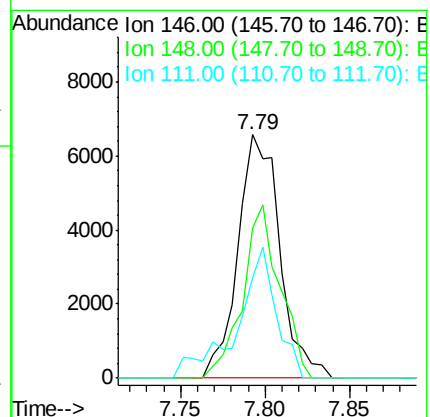
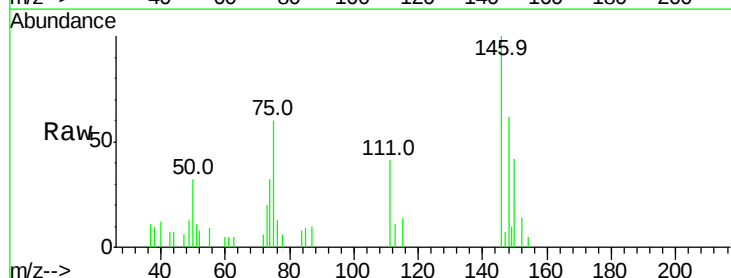
Tgt Ion: 146 Resp: 11366

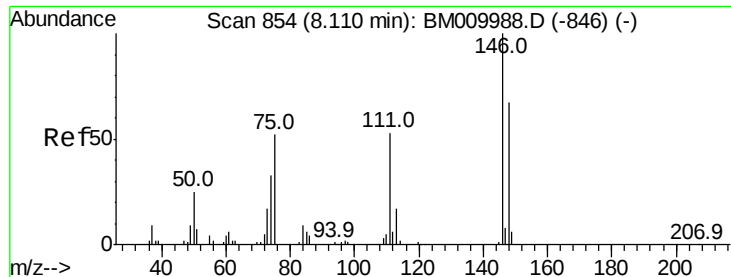
Ion Ratio Lower Upper

146 100

148 61.6 51.9 77.9

111 41.1 29.2 43.8





#14

1,2-Dichlorobenzene

Concen: 5.79 ng

RT: 8.11 min Scan# 854

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Instrument :

BNA_M

ClientSampleId :

LF016MW001-170509

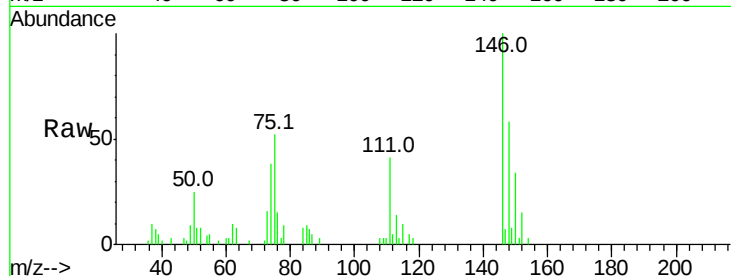
Tot Ion:146 Resp: 26907

Ion Ratio Lower Upper

146 100

148 58.4 52.3 78.5

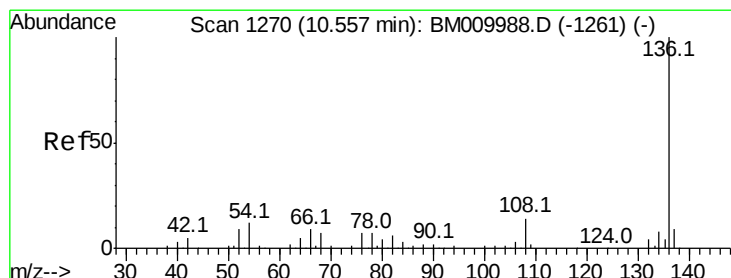
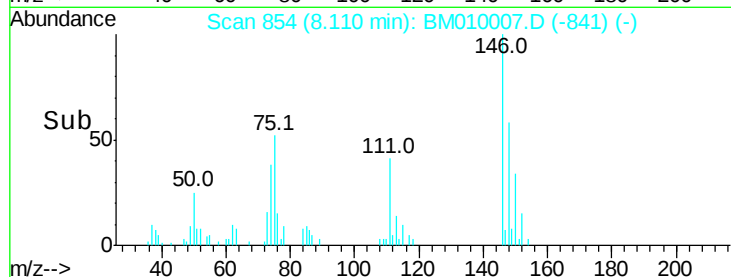
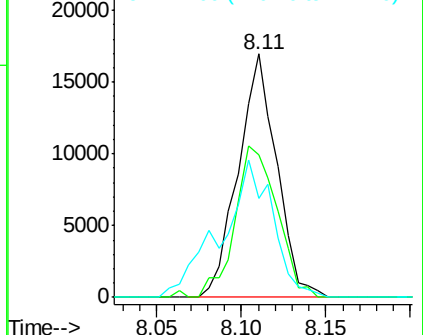
111 40.6 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1270

Delta R.T. -0.02 min

Lab File: BM010007.D

Acq: 12 May 2017 04:42

Tgt Ion:136 Resp: 259824

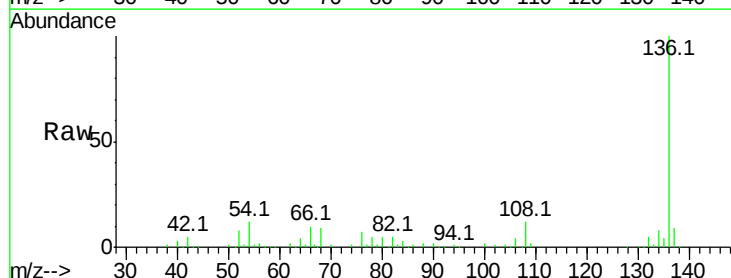
Ion Ratio Lower Upper

136 100

137 9.5 8.7 13.1

54 12.4 4.6 6.8#

68 8.7 3.7 5.5#

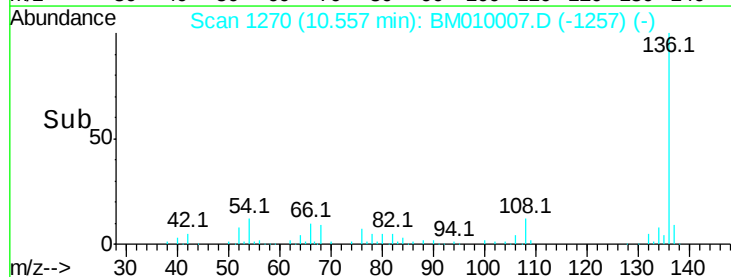
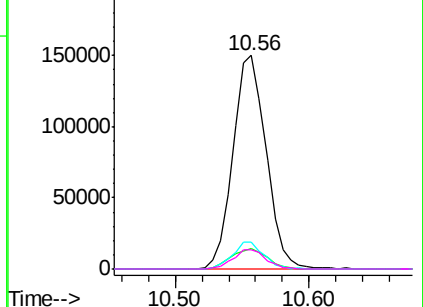


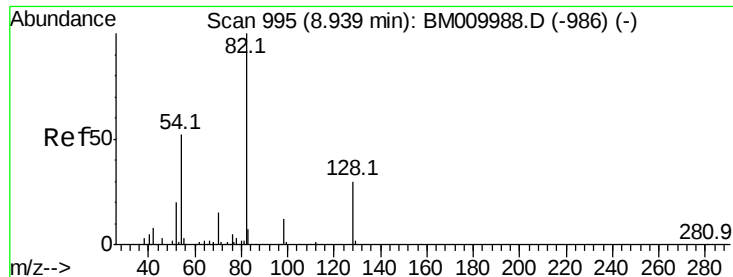
Abundance Ion 136.00 (135.70 to 136.70): E

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

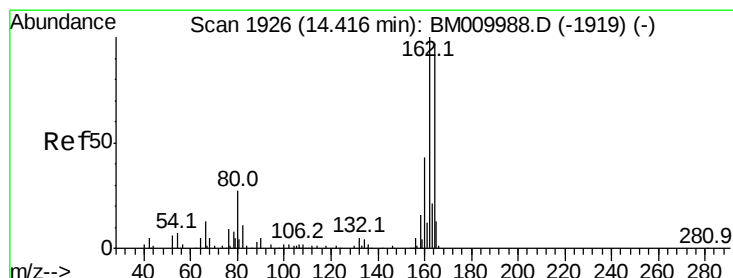
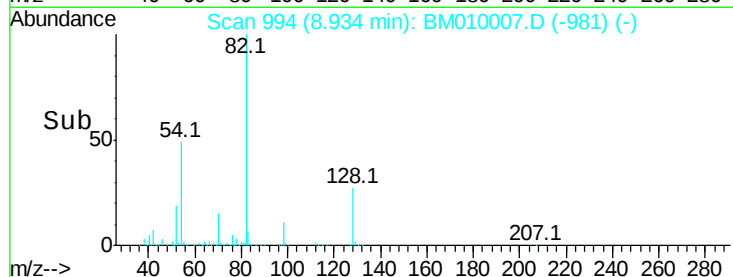
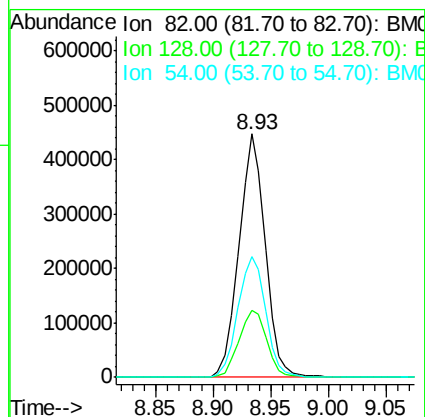
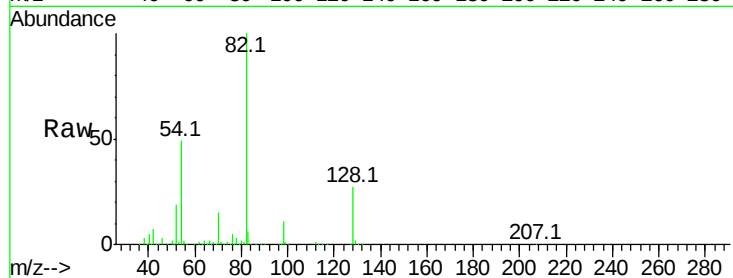




#23
 Nitrobenzene-d5
 Concen: 99.31 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

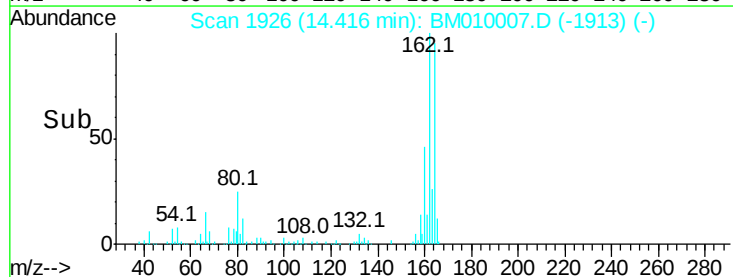
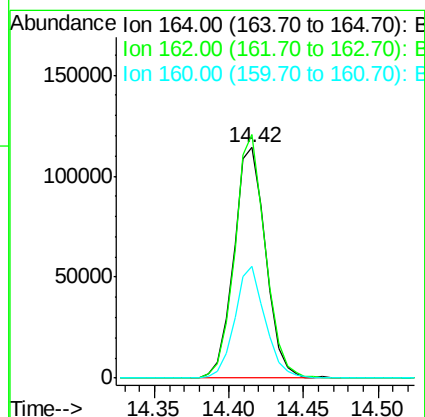
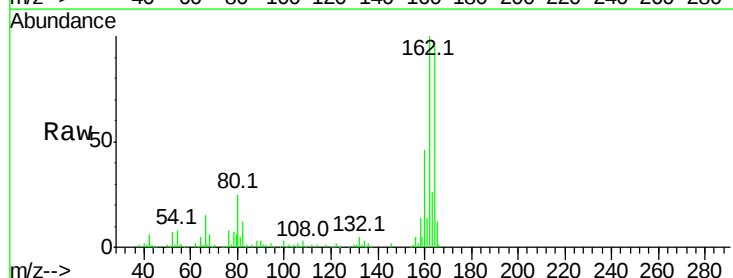
Instrument :
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 LF016MW001-170509

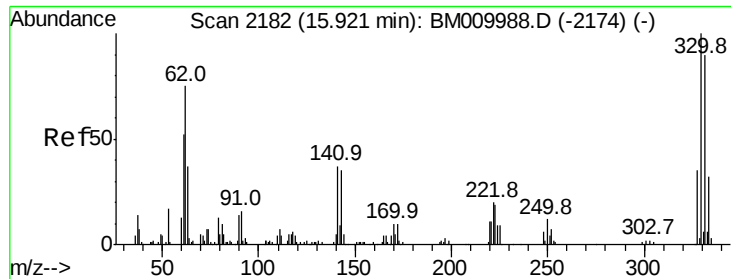
Tot Ion	Ratio	Lower	Upper
82	100		
128	27.4	32.8	49.2#
54	49.3	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.4	123.6
160	48.3	35.8	53.6

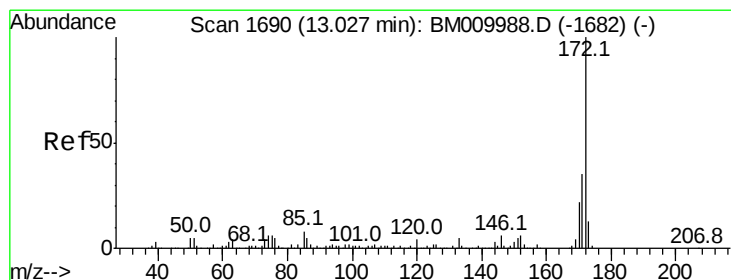
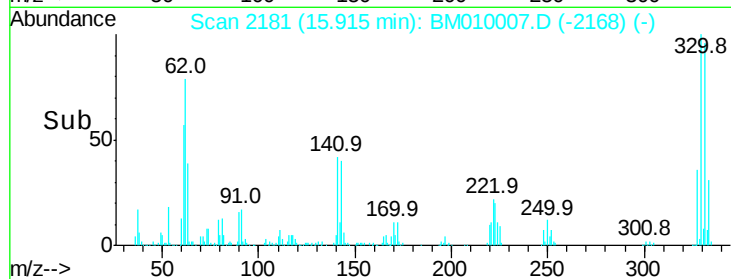
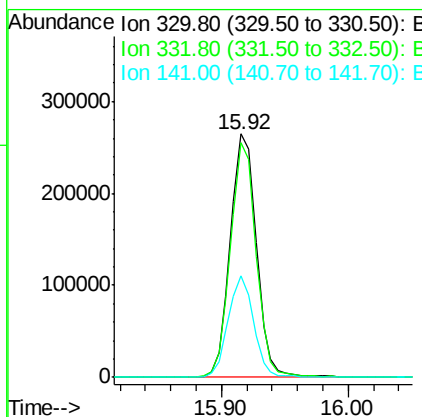
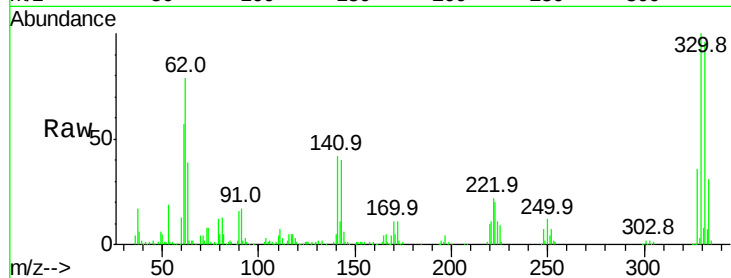




#41
 2,4,6-Tribromophenol
 Concen: 162.22 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

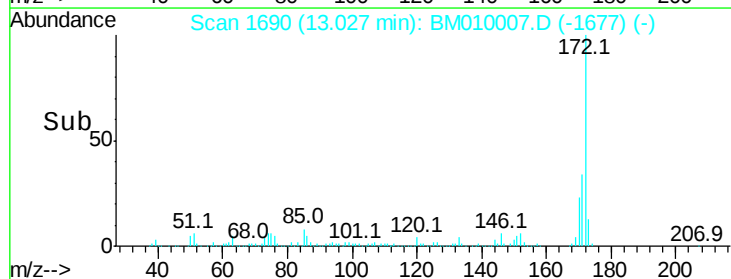
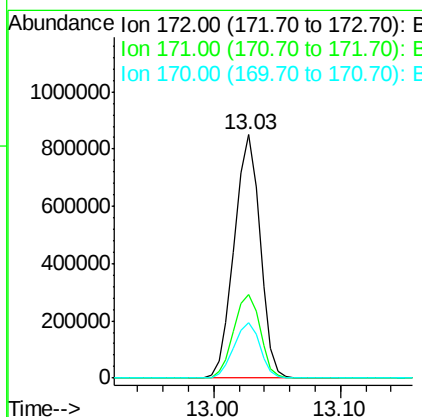
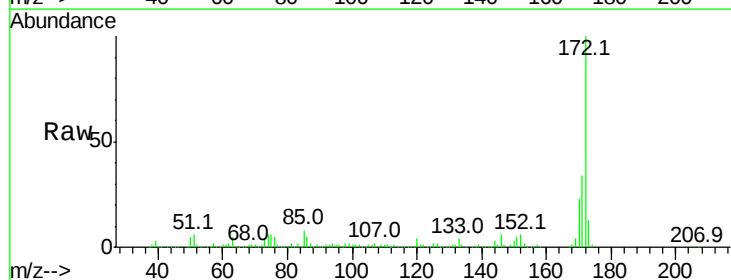
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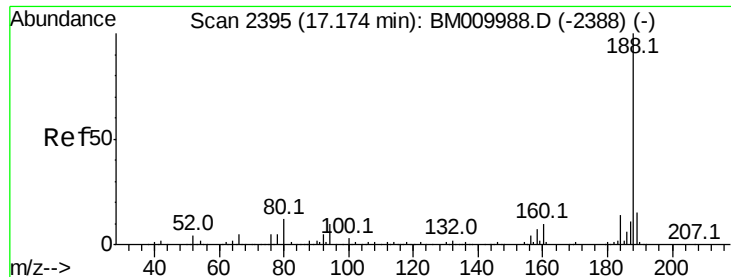
Tot Ion:330 Resp: 377033
 Ion Ratio Lower Upper
 330 100
 332 94.6 0.0 0.0#
 141 41.0 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 94.52 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

Tgt Ion:172 Resp: 1200246
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.5 42.7
 170 23.0 18.8 28.2

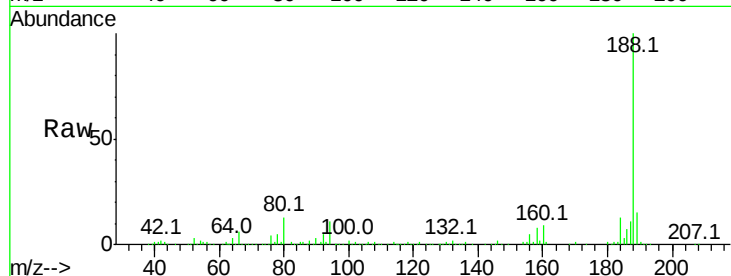




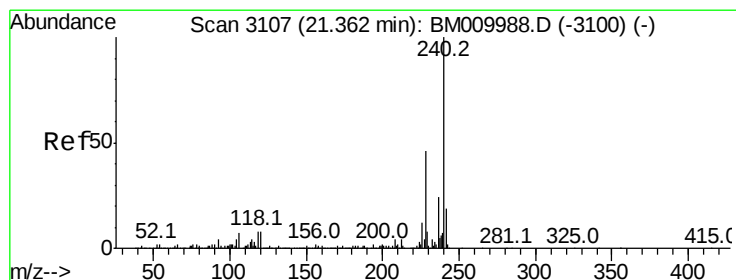
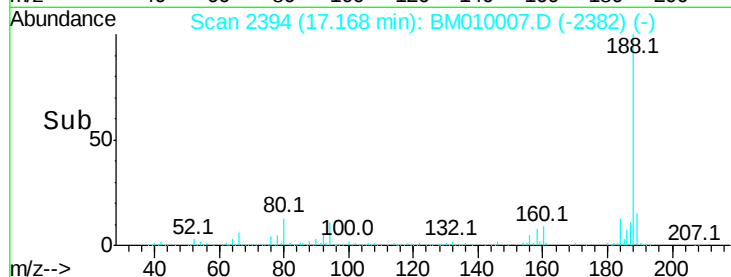
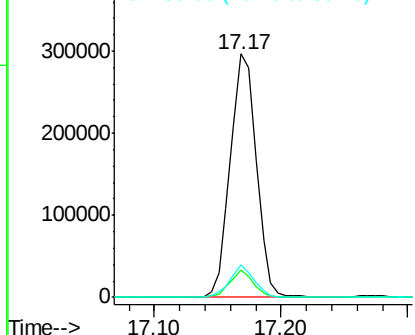
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Instrument :
BNA_M
ClientSampleId :
LF016MW001-170509

Tot Ion:188 Resp: 422176
Ion Ratio Lower Upper
188 100
94 11.0 8.7 13.1
80 13.1 9.3 13.9

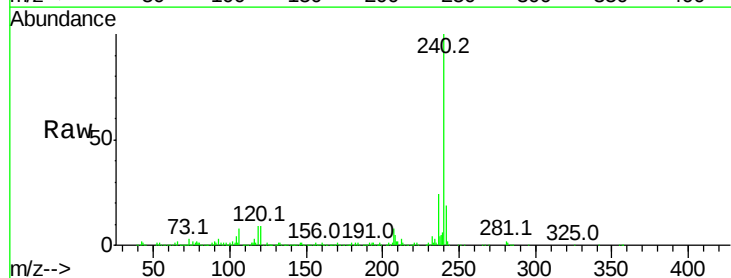


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

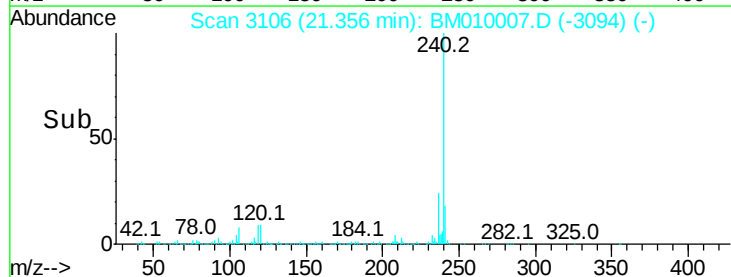
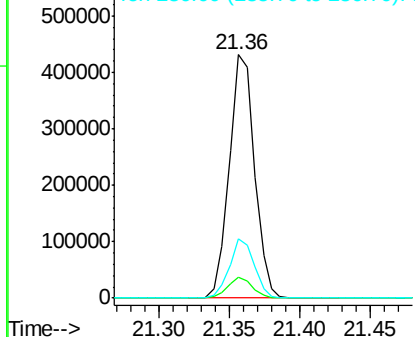


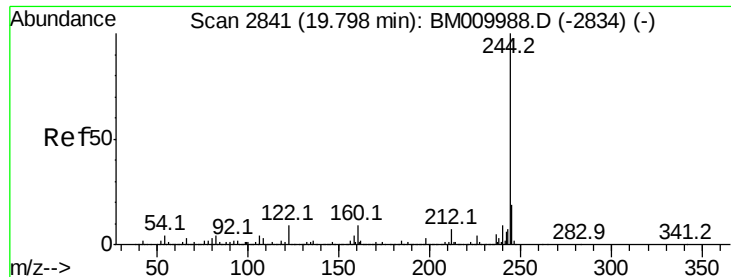
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010007.D
Acq: 12 May 2017 04:42

Tgt Ion:240 Resp: 539345
Ion Ratio Lower Upper
240 100
120 8.6 8.2 12.2
236 24.4 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



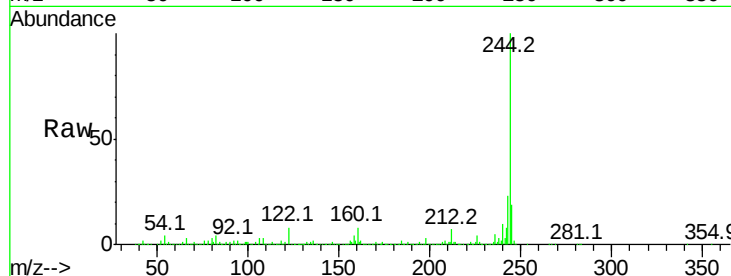


#78
 Terphenyl-d14
 Concen: 85.06 ng
 RT: 19.80 min Scan# 2841
 Delta R.T. -0.02 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

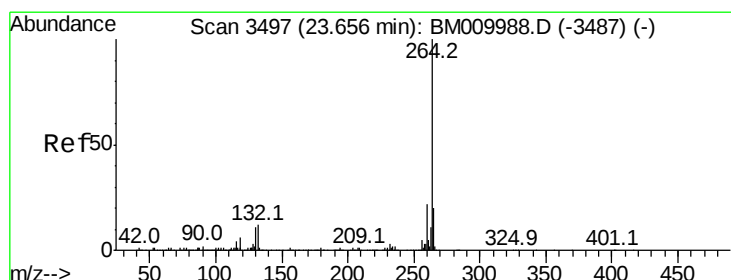
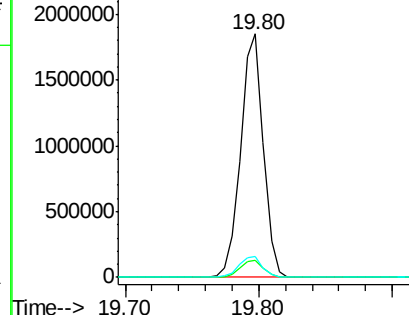
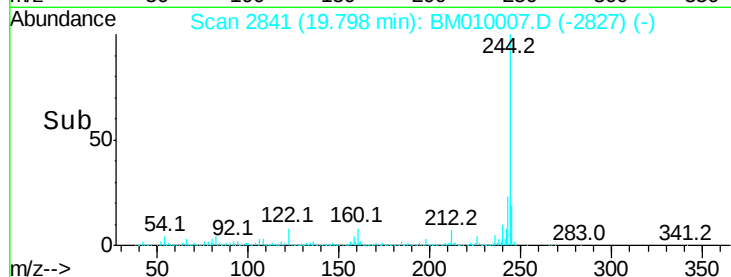
Instrument :
 BNA_M
 ClientSampleId :
 LF016MW001-170509

Tot Ion:244 Resp: 2176682

Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	8.4	6.2	9.4



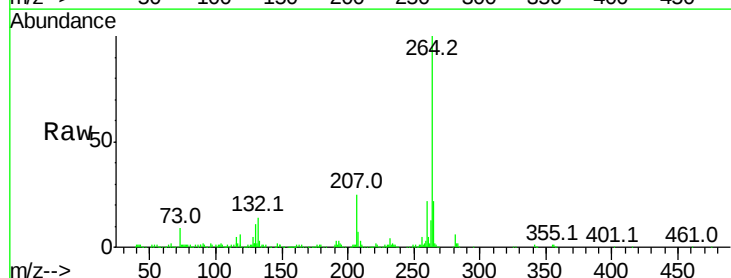
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3496
 Delta R.T. -0.04 min
 Lab File: BM010007.D
 Acq: 12 May 2017 04:42

Tgt Ion:264 Resp: 404662

Ion	Ratio	Lower	Upper
264	100		
260	21.8	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

