

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050617\
 Data File : BM009962.D
 Acq On : 07 May 2017 04:03
 Operator : SJ/MA
 Sample : I2997-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 08 05:46:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

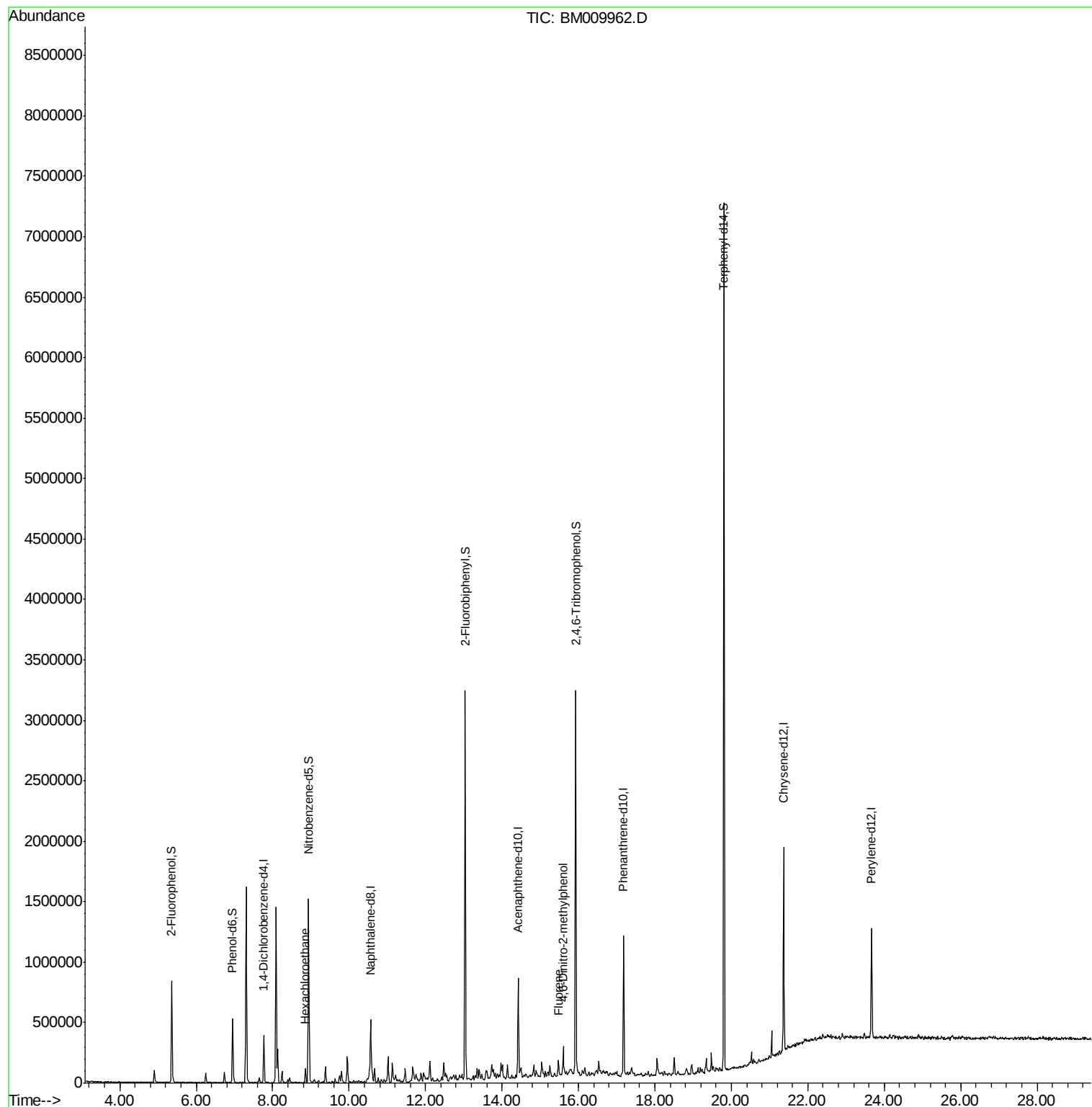
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	79028	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	324175	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	219662	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	562077	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	736841	20.00	ng	-0.02
86) Perylene-d12	23.67	264	591548	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	262566	52.89	ng	-0.01
7) Phenol-d6	6.95	99	229030	30.10	ng	-0.02
23) Nitrobenzene-d5	8.94	82	735663	82.12	ng	-0.02
41) 2,4,6-Tribromophenol	15.93	330	414893	138.29	ng	-0.01
44) 2-Fluorobiphenyl	13.03	172	1337311	79.32	ng	-0.02
78) Terphenyl-d14	19.80	244	2561017	71.30	ng	-0.01
Target Compounds						
18) Hexachloroethane	8.86	117	32407	11.59	ng	# 34
57) Fluorene	15.47	166	48035	2.49	ng	97
64) 4,6-Dinitro-2-methylphenol	15.61	198	278	5.97	ng	# 1

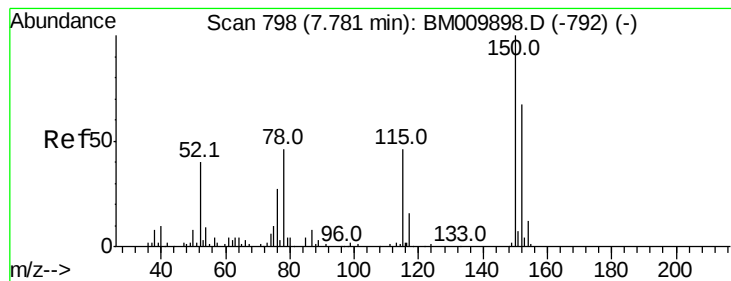
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

Instrument :

BNA_M

ClientSampleId :

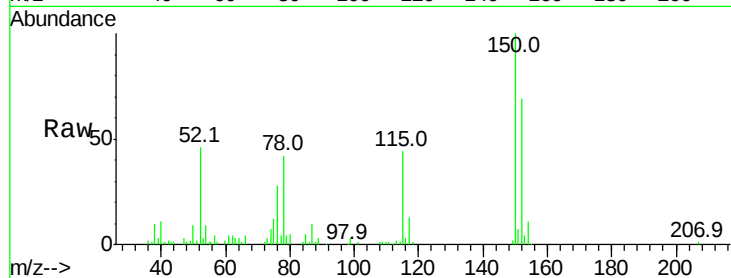
Tot Ion:152 Resp: 79028

Ion Ratio Lower Upper

152 100

150 144.4 119.5 179.3

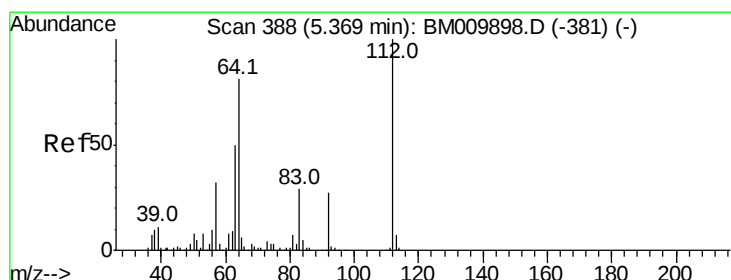
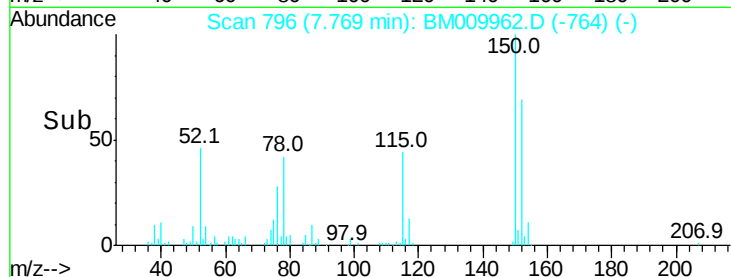
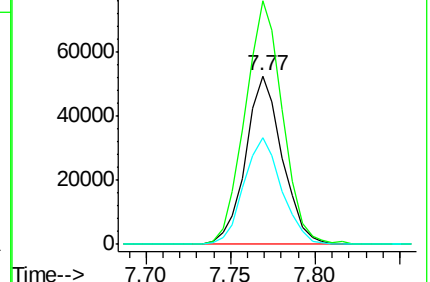
115 63.2 43.0 64.4



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: 52.89 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

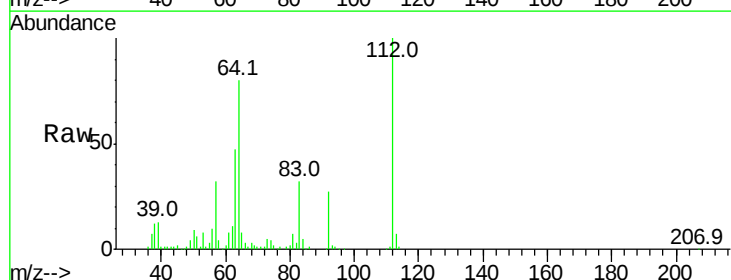
Tgt Ion:112 Resp: 262566

Ion Ratio Lower Upper

112 100

64 80.3 38.6 57.8#

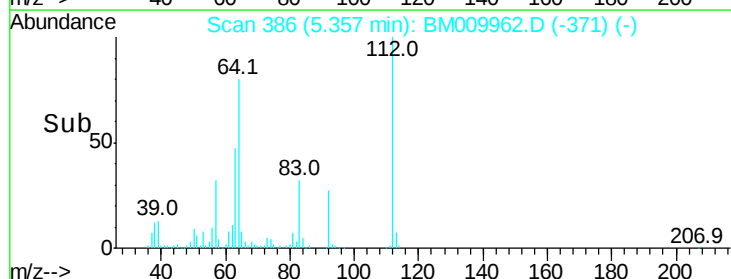
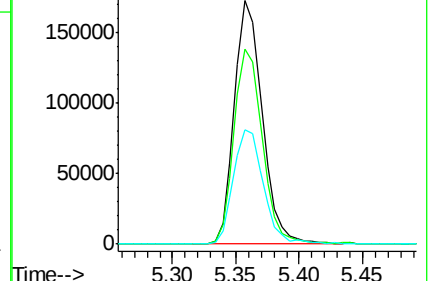
63 47.2 19.3 28.9#

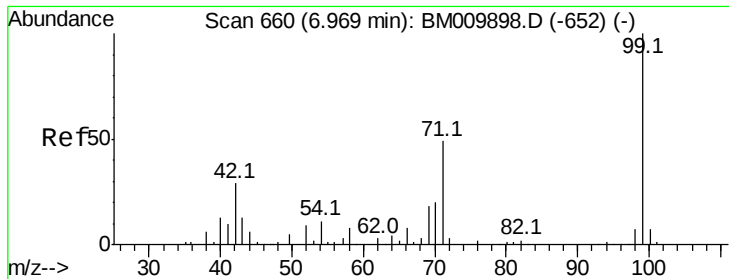


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 30.10 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

Instrument :

BNA_M

ClientSampleId :

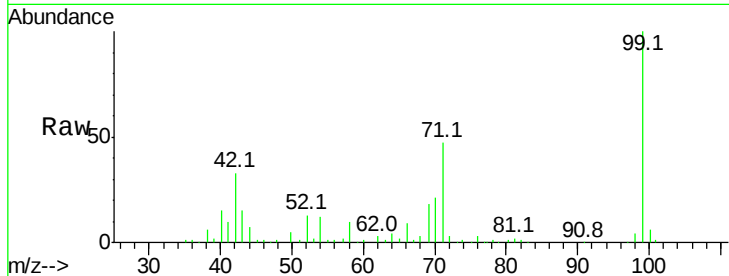
Tot Ion: 99 Resp: 229030

Ion Ratio Lower Upper

99 100

42 32.8 11.0 16.4#

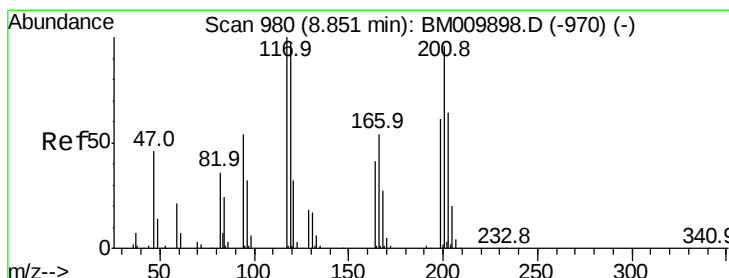
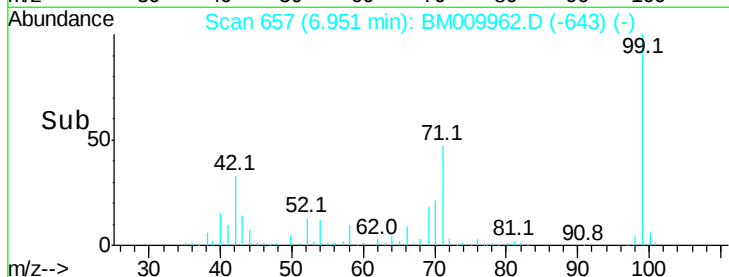
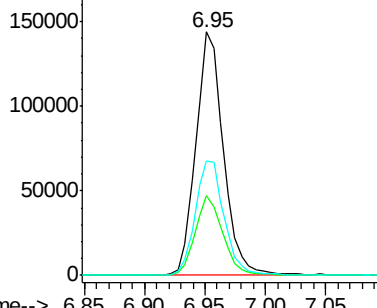
71 46.8 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009898.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009898.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009898.D (-652) (-)



#18

Hexachloroethane

Concen: 11.59 ng

RT: 8.86 min Scan# 982

Delta R.T. 0.01 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

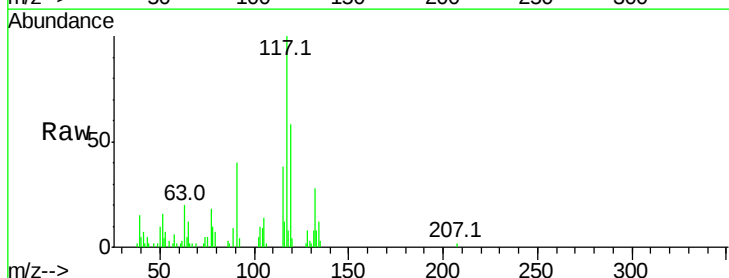
Tgt Ion: 117 Resp: 32407

Ion Ratio Lower Upper

117 100

119 58.4 79.2 118.8#

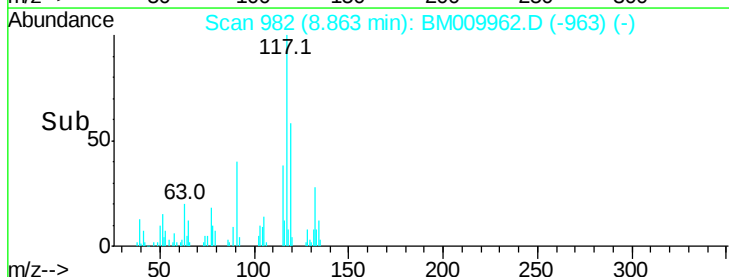
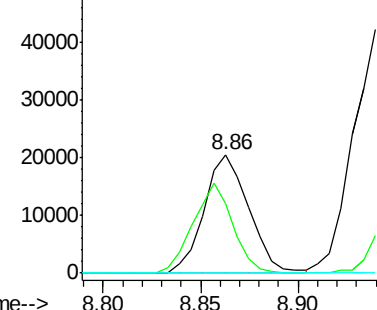
201 0.0 69.8 104.6#

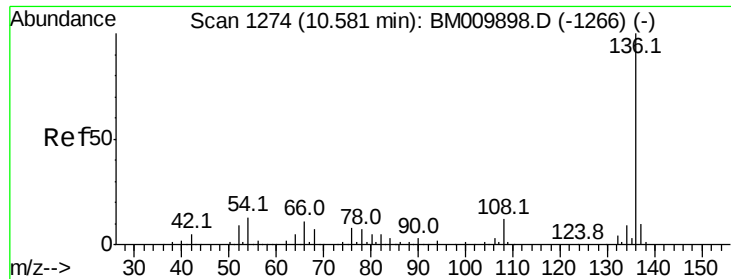


Abundance Ion 117.00 (116.70 to 117.70): BM009898.D (-970) (-)

Ion 119.00 (118.70 to 119.70): BM009898.D (-970) (-)

Ion 201.00 (200.70 to 201.70): BM009898.D (-970) (-)

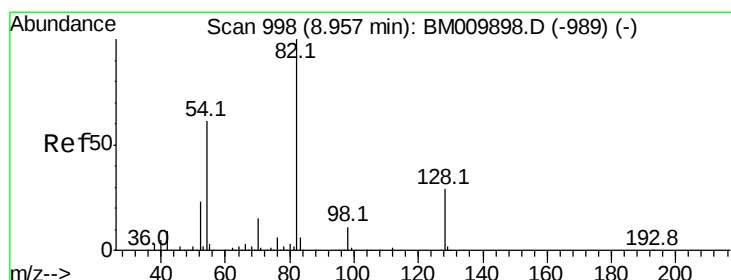
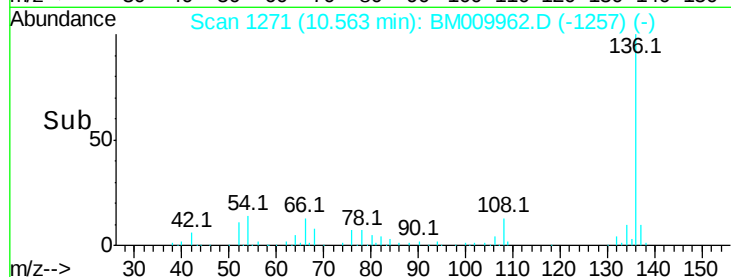
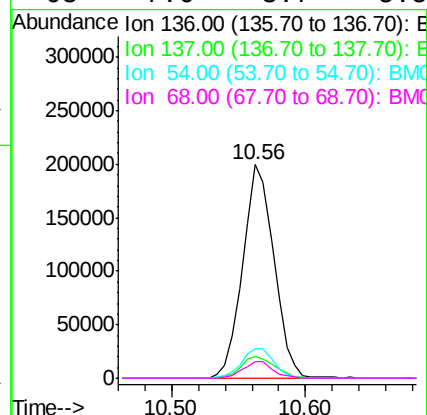
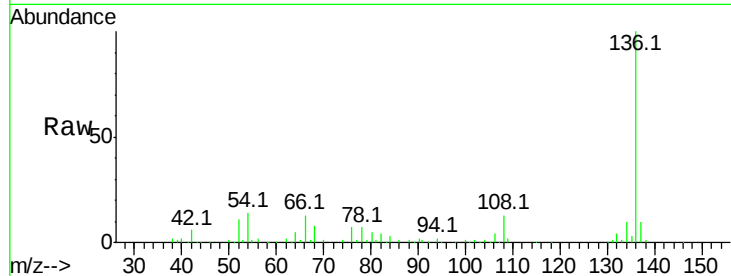




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

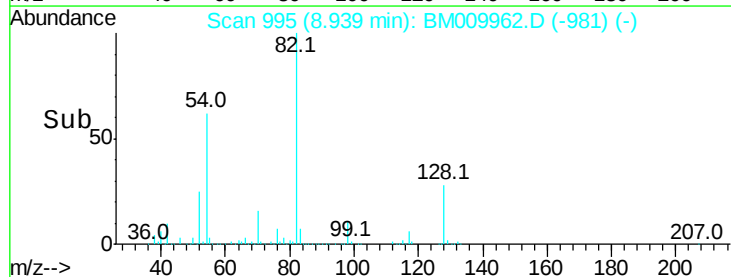
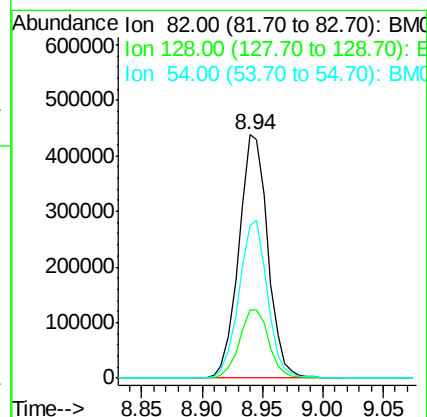
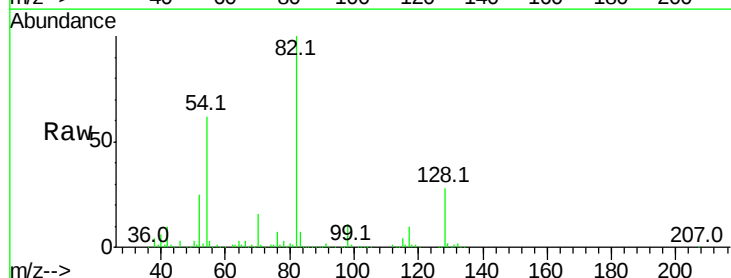
Instrument :
BNA_M
ClientSampleId :

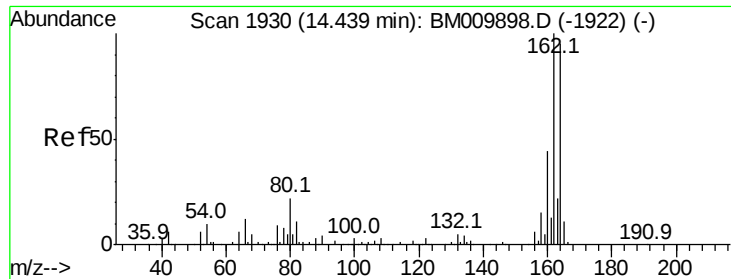
Tot Ion:136	Resp:	324175
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.7 13.1
54	13.6	4.6 6.8#
68	7.6	3.7 5.5#



#23
Nitrobenzene-d5
Concen: 82.12 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Tgt Ion: 82	Resp:	735663
Ion Ratio	Lower	Upper
82	100	
128	28.3	32.8 49.2#
54	62.5	40.6 60.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

Instrument :

BNA_M

ClientSampleId :

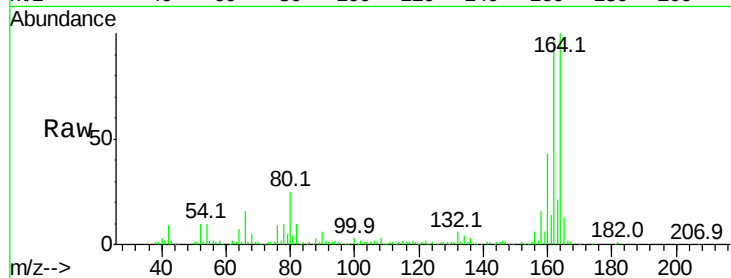
Tot Ion:164 Resp: 219662

Ion Ratio Lower Upper

164 100

162 98.2 82.4 123.6

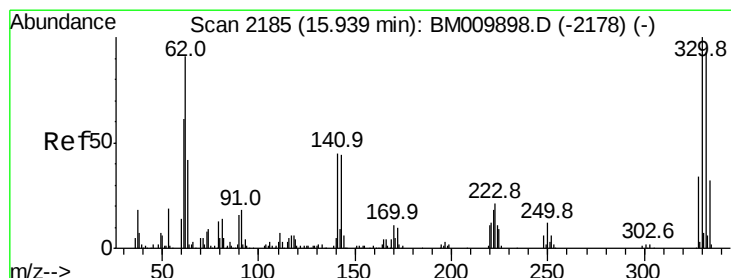
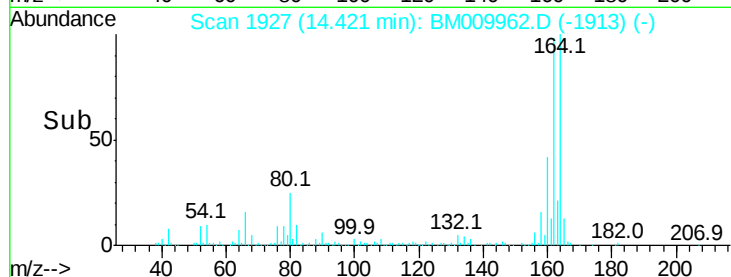
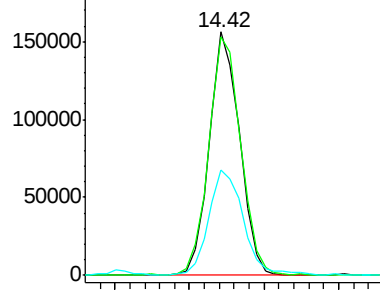
160 43.0 35.8 53.6



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: 138.29 ng

RT: 15.93 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

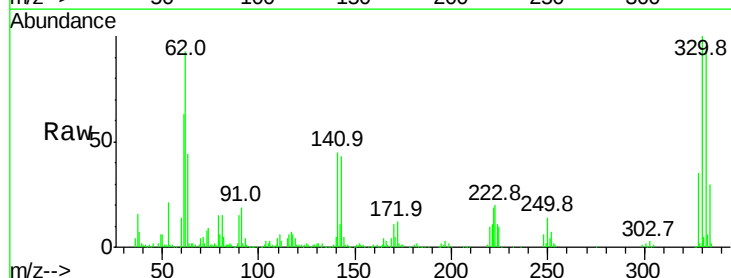
Tgt Ion:330 Resp: 414893

Ion Ratio Lower Upper

330 100

332 93.2 0.0 0.0#

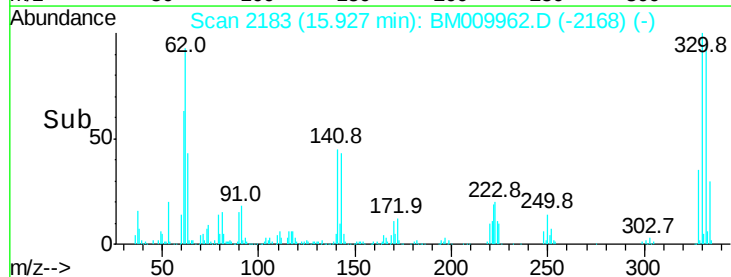
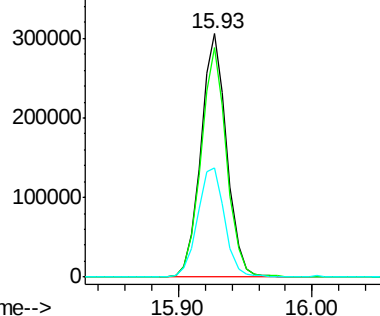
141 46.6 0.0 0.0#

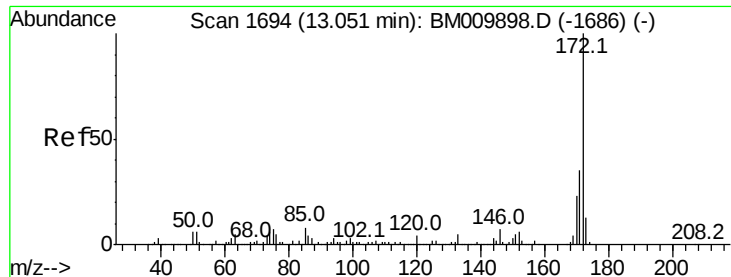


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

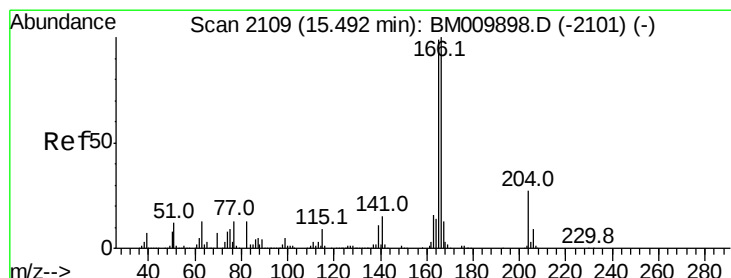
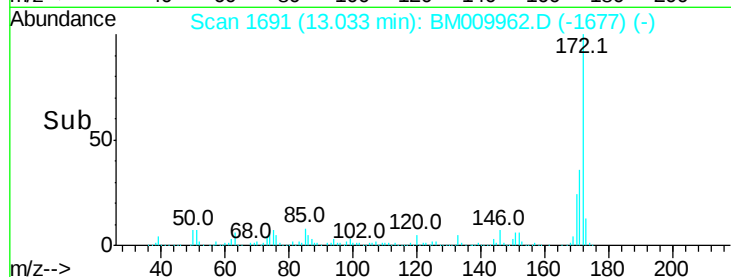
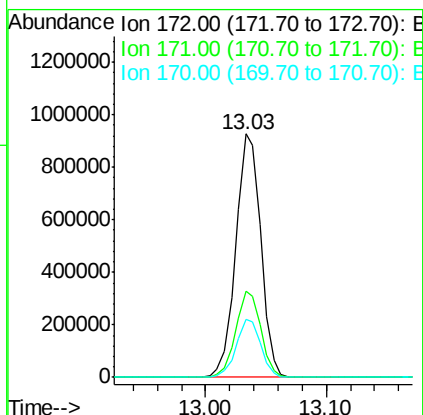
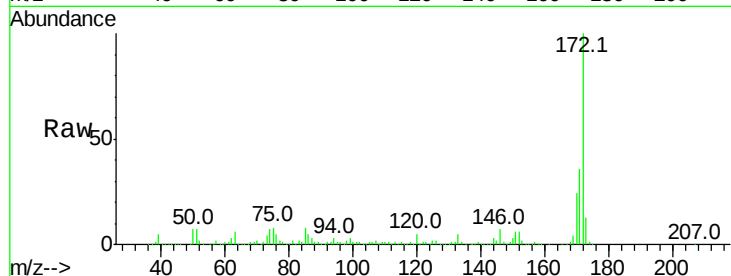




#44
2-Fluorobiphenyl
Concen: 79.32 ng
RT: 13.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

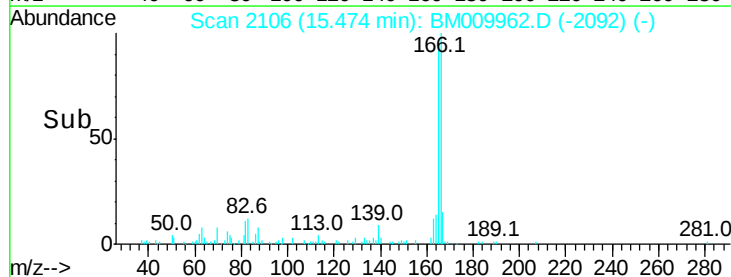
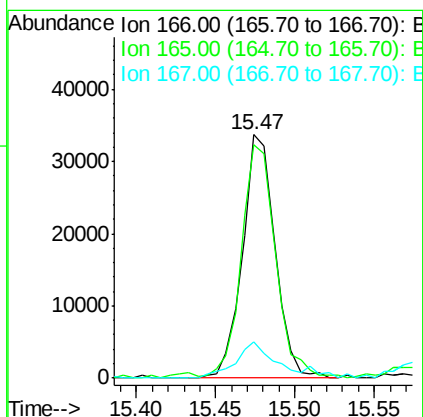
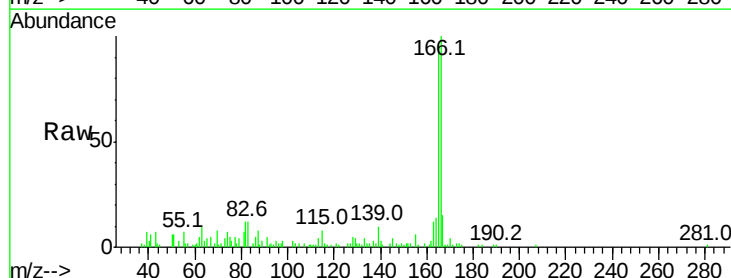
Instrument :
BNA_M
ClientSampleId :

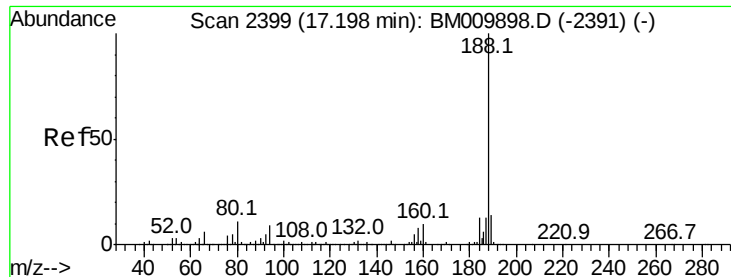
Tot Ion:172 Resp: 1337311
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.9 18.8 28.2



#57
Fluorene
Concen: 2.49 ng
RT: 15.47 min Scan# 2106
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Tgt Ion:166 Resp: 48035
Ion Ratio Lower Upper
166 100
165 95.9 79.0 118.4
167 14.9 10.3 15.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2396

Delta R.T. -0.02 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

Instrument :

BNA_M

ClientSampleId :

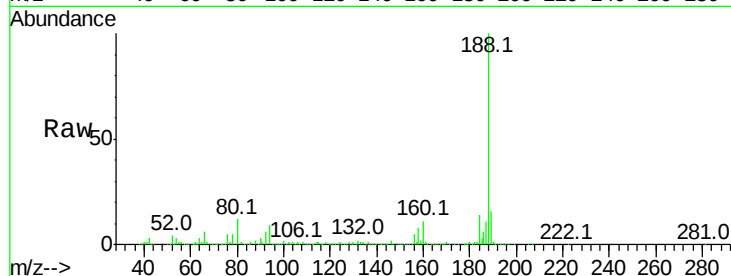
Tot Ion:188 Resp: 562077

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

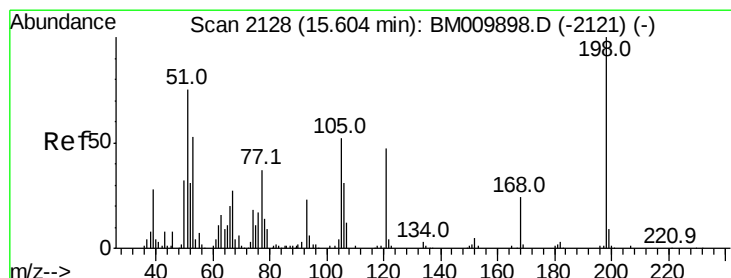
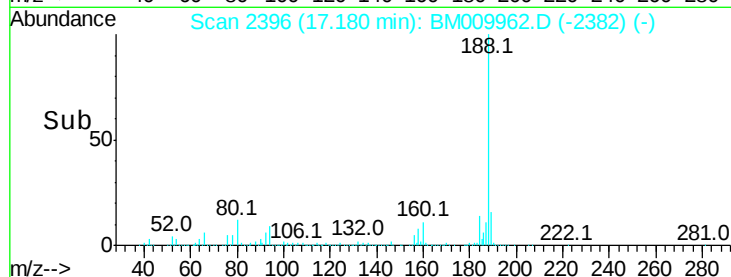
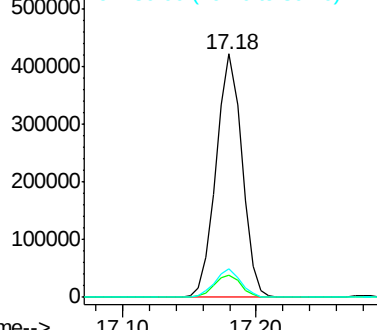
80 11.8 9.3 13.9



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.97 ng

RT: 15.61 min Scan# 2129

Delta R.T. 0.01 min

Lab File: BM009962.D

Acq: 07 May 2017 04:03

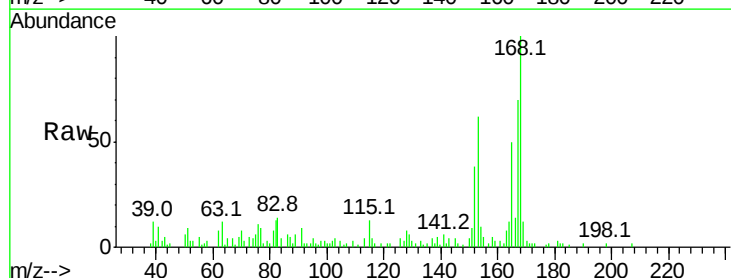
Tgt Ion:198 Resp: 278

Ion Ratio Lower Upper

198 100

51 526.9 28.8 68.8#

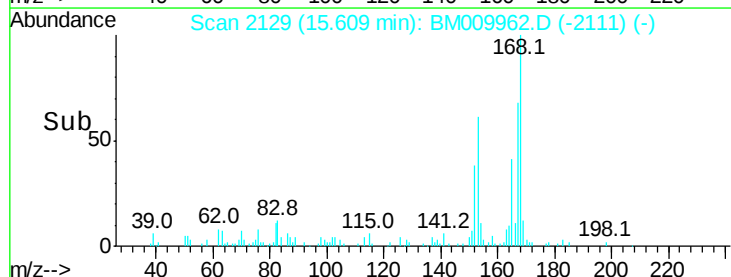
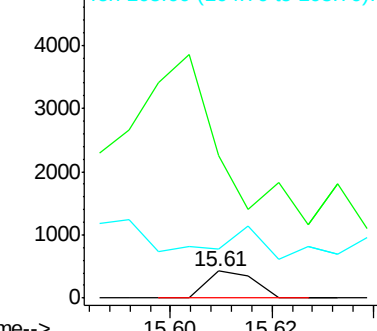
105 181.3 30.5 70.5#

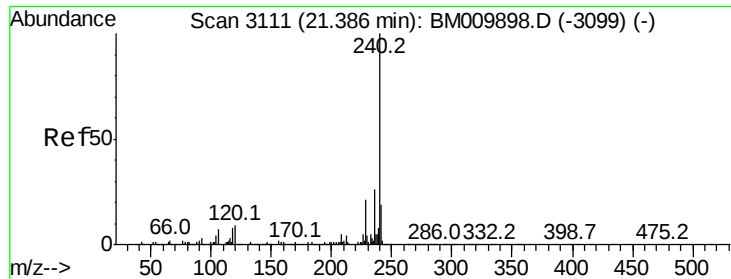


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

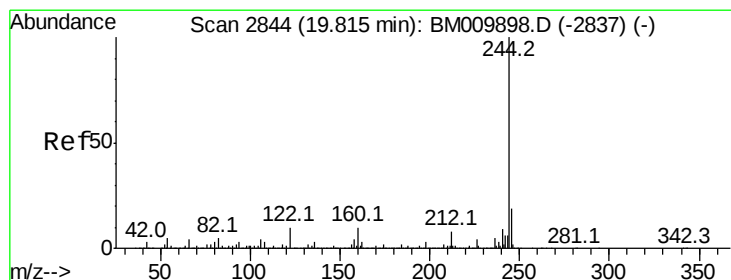
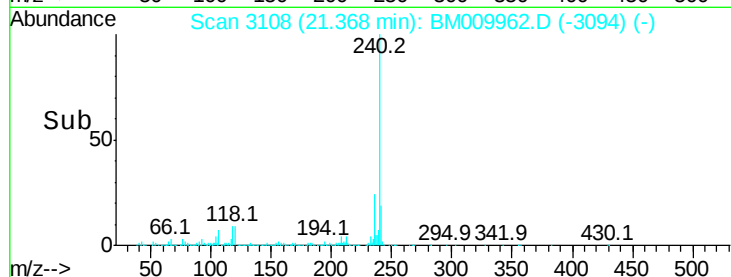
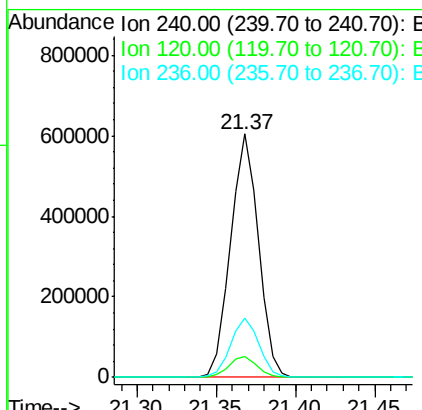
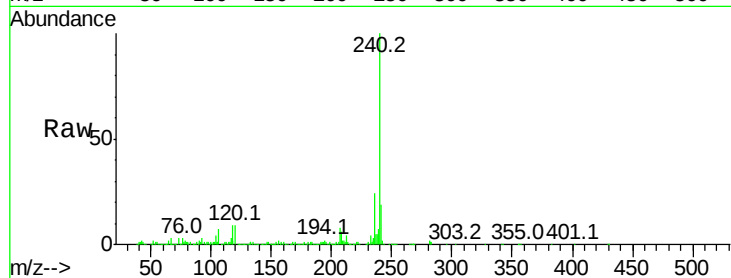




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.37 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BM009962.D
 Acq: 07 May 2017 04:03

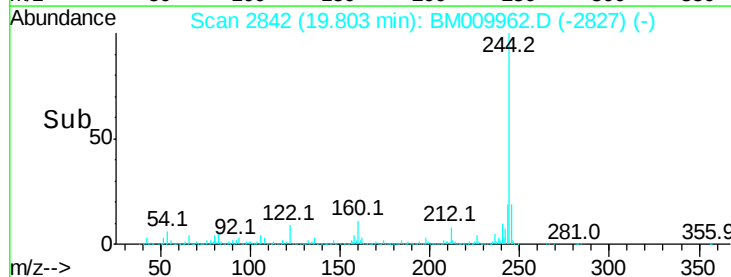
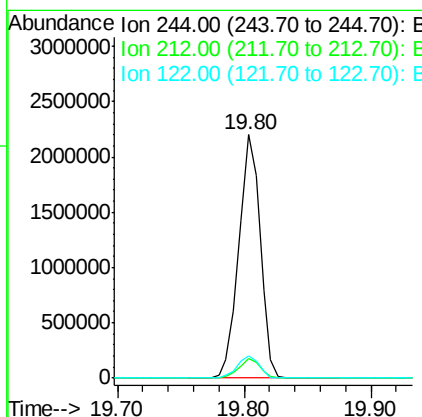
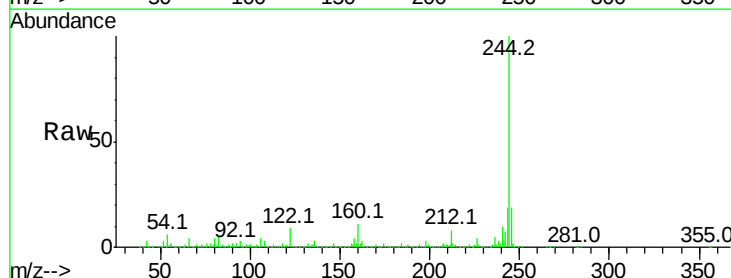
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 BNA_M
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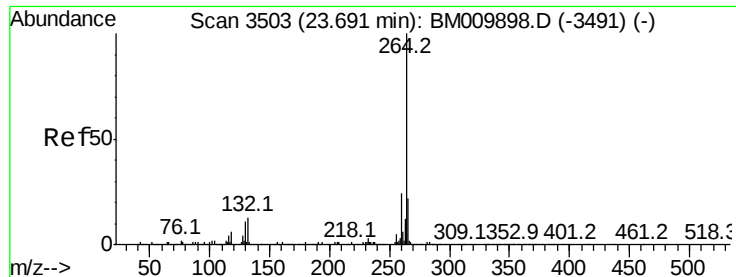
Tot Ion:240 Resp: 736841
 Ion Ratio Lower Upper
 240 100
 120 8.7 8.2 12.2
 236 24.2 20.0 30.0



#78
 Terphenyl-d14
 Concen: 71.30 ng
 RT: 19.80 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM009962.D
 Acq: 07 May 2017 04:03

Tgt Ion:244 Resp: 2561017
 Ion Ratio Lower Upper
 244 100
 212 8.1 4.9 7.3#
 122 9.1 6.2 9.4

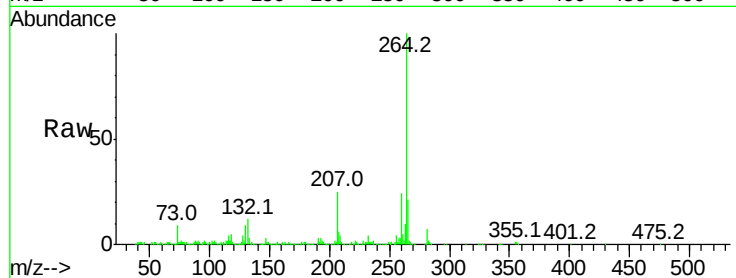




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.67 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM009962.D
Acq: 07 May 2017 04:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.5	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

