

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009484.D
 Acq On : 31 Mar 2017 21:22
 Operator : SJ/MA
 Sample : I2475-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW25S-GW

Quant Time: Mar 31 23:00:46 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

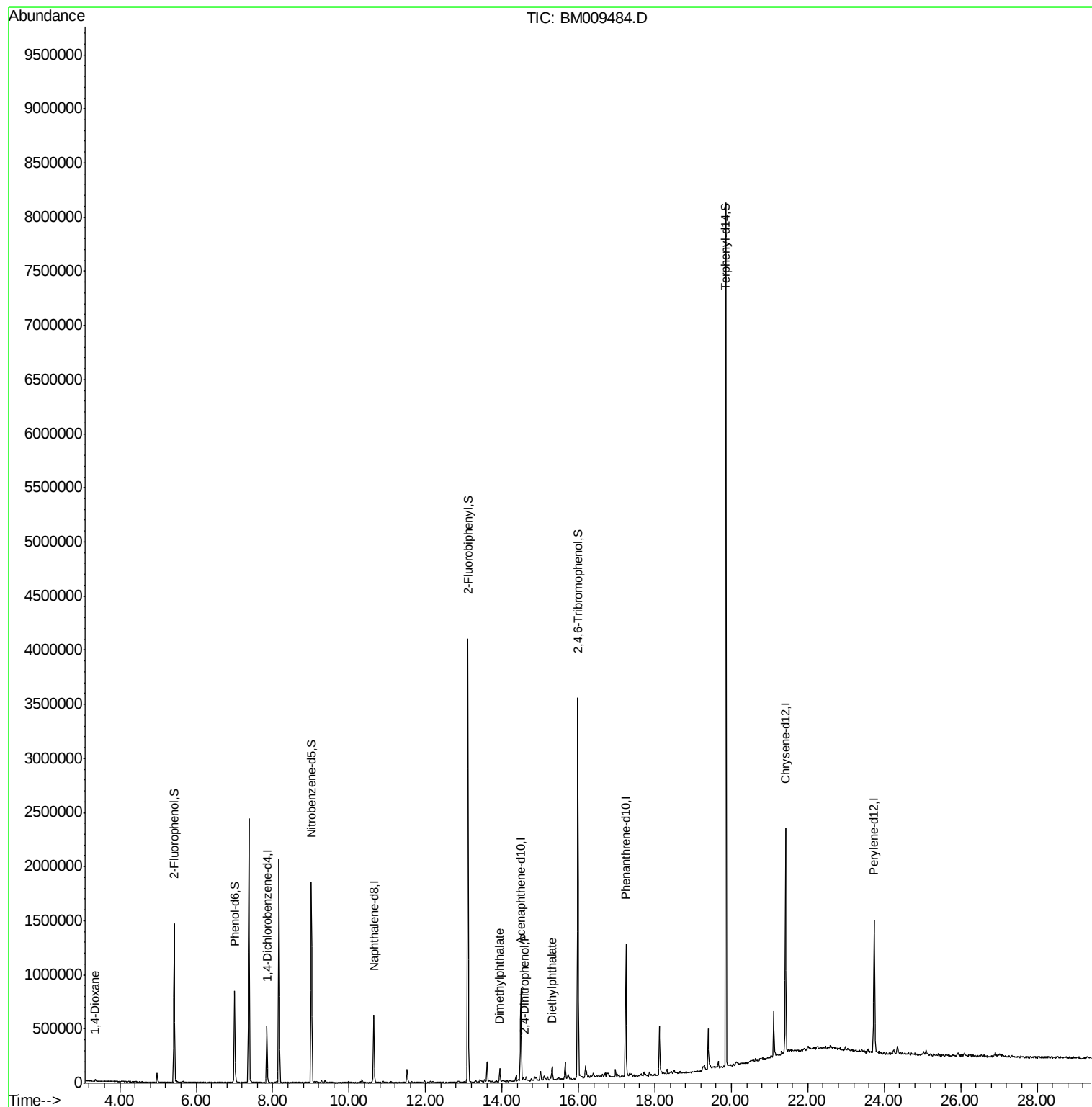
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	114101	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	430737	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	251598	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	645041	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	954908	20.00	ng	-0.01
86) Perylene-d12	23.74	264	902199	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	472520	69.03	ng	-0.01
7) Phenol-d6	7.00	99	403390	43.21	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1036461	90.22	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	519357	166.16	ng	-0.02
44) 2-Fluorobiphenyl	13.11	172	1911617	91.55	ng	-0.01
78) Terphenyl-d14	19.86	244	3230012	70.68	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.36	88	8500	2.47	ng	Qvalue # 100
49) Dimethylphthalate	13.94	163	67016	3.47	ng	96
53) 2,4-Dinitrophenol	14.59	184	122	5.51	ng	# 35
59) Diethylphthalate	15.30	149	39473	2.01	ng	97

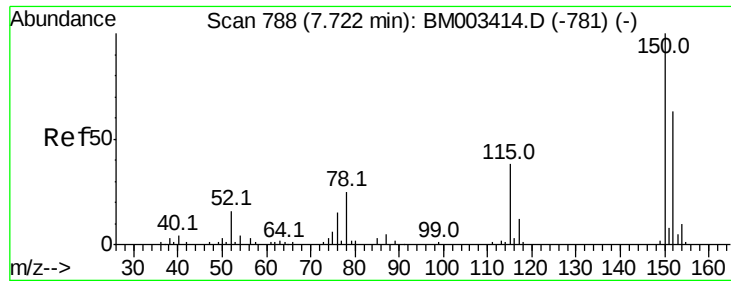
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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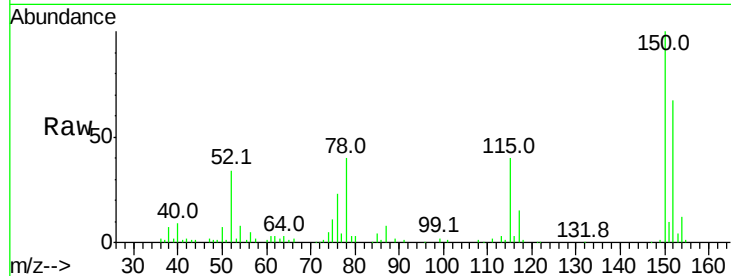


#1

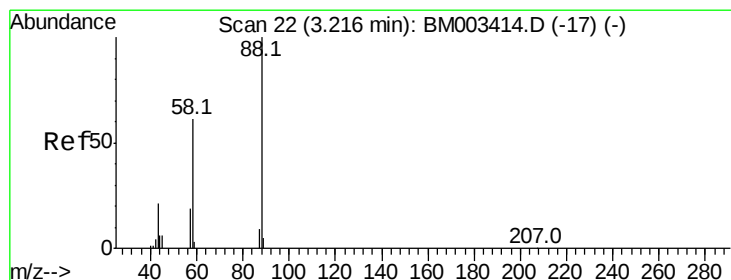
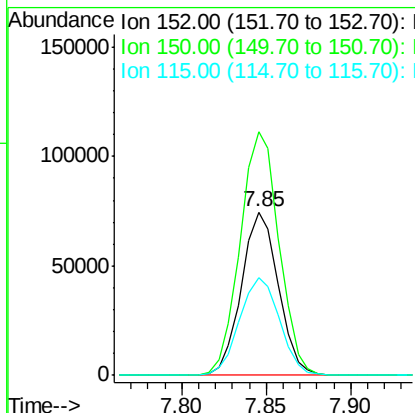
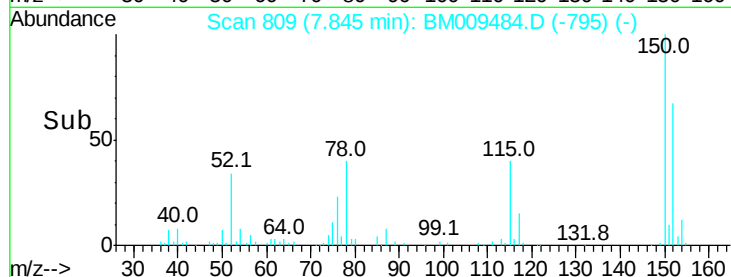
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009484.D
Acq: 31 Mar 2017 21:22

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW25S-GW

Tot Ion:152 Resp: 114101
Ion Ratio Lower Upper
152 100
150 148.9 119.5 179.3
115 59.8 43.0 64.4



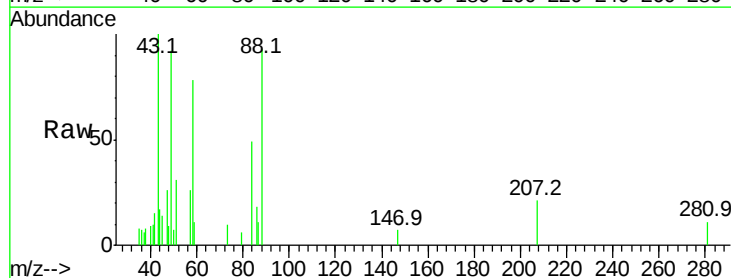
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



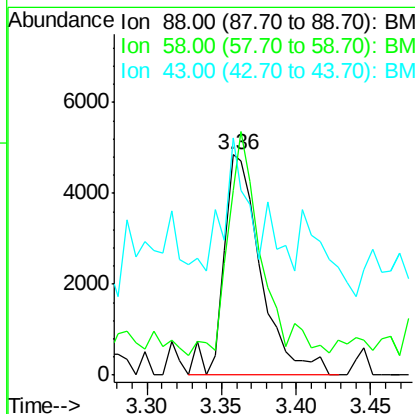
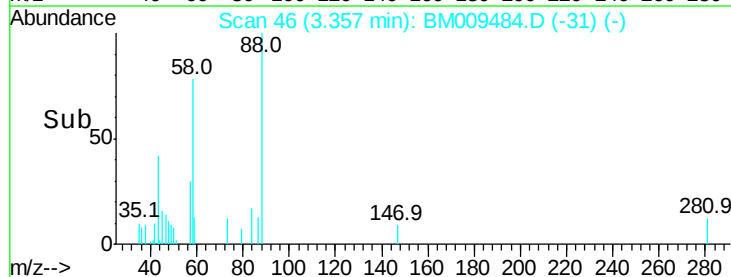
#2

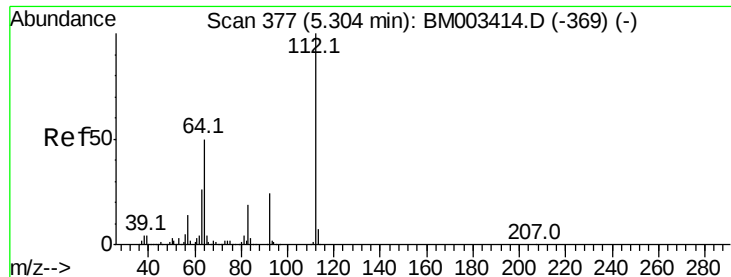
1,4-Dioxane
Concen: 2.47 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009484.D
Acq: 31 Mar 2017 21:22

Tgt Ion: 88 Resp: 8500
Ion Ratio Lower Upper
88 100
58 90.5 0.0 0.0#
43 54.8 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: 69.03 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009484.D

Acq: 31 Mar 2017 21:22

Instrument :

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ClientSampleId :

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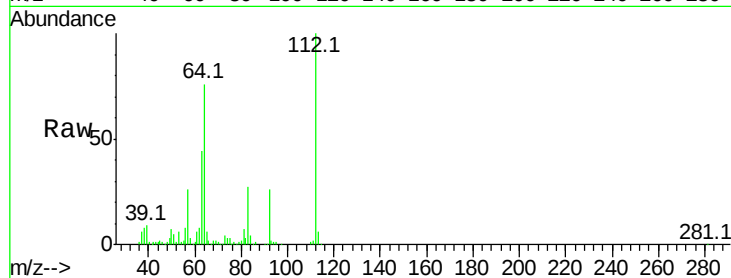
Tot Ion:112 Resp: 472520

Ion Ratio Lower Upper

112 100

64 75.7 38.6 57.8#

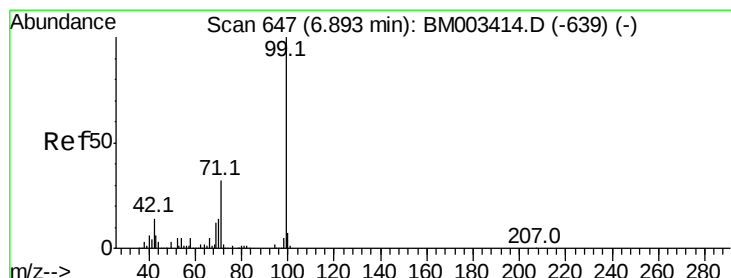
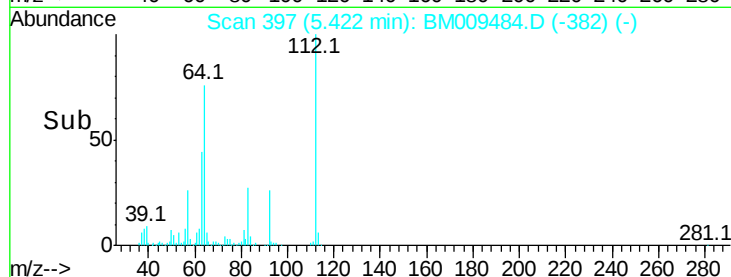
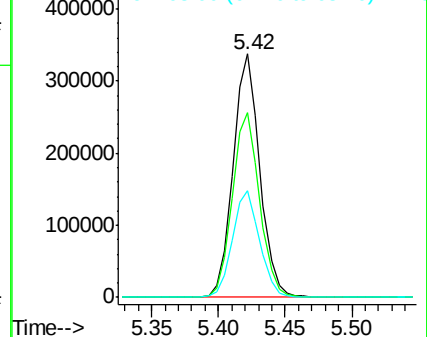
63 43.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 43.21 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009484.D

Acq: 31 Mar 2017 21:22

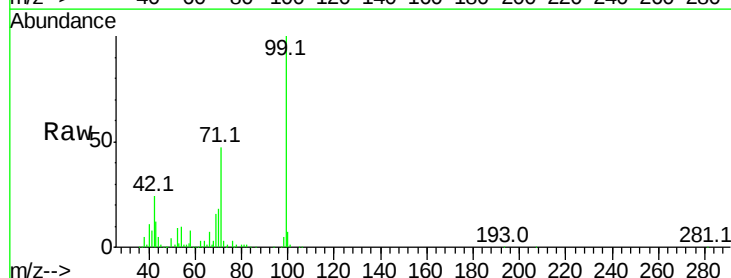
Tgt Ion: 99 Resp: 403390

Ion Ratio Lower Upper

99 100

42 23.6 11.0 16.4#

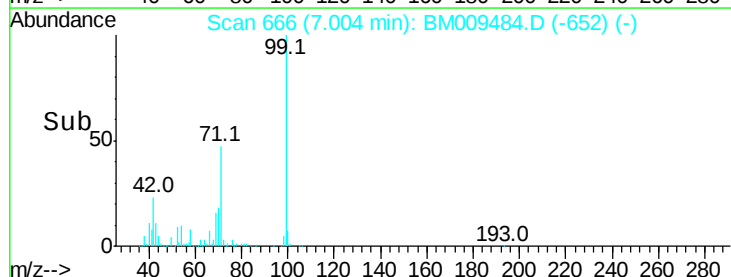
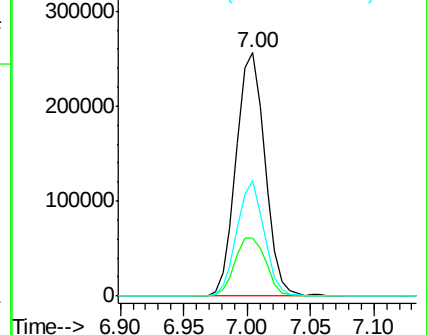
71 47.3 23.4 35.2#

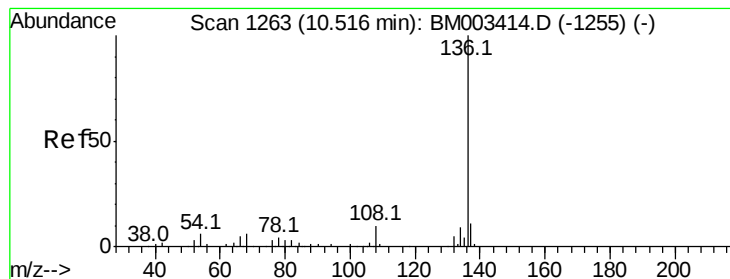


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009484.D

Acq: 31 Mar 2017 21:22

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW25S-GW

Tot Ion:136 Resp: 430737

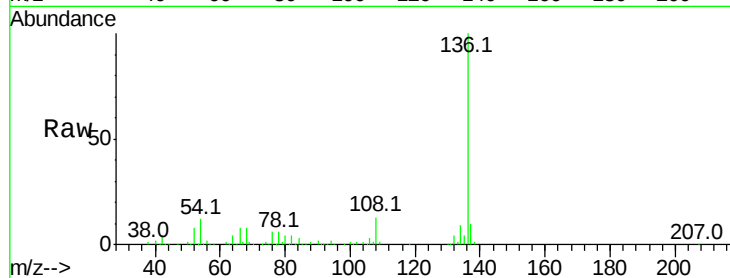
Ion Ratio Lower Upper

136 100

137 9.7 8.7 13.1

54 12.5 4.6 6.8#

68 8.1 3.7 5.5#

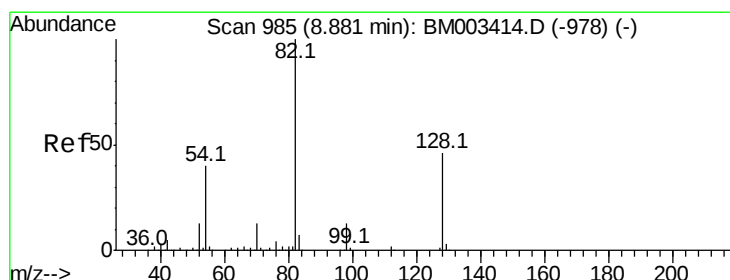
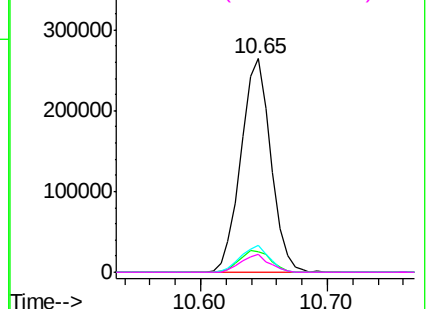
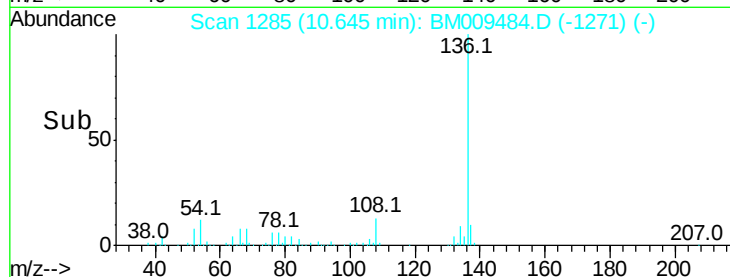


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 90.22 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009484.D

Acq: 31 Mar 2017 21:22

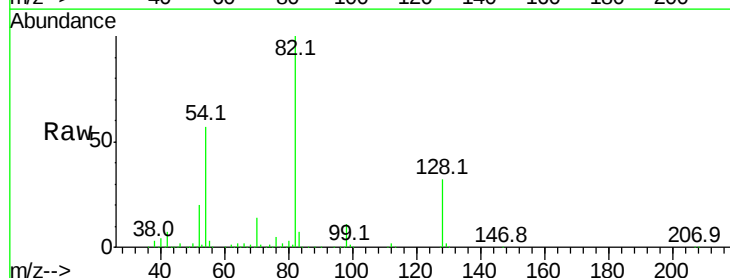
Tgt Ion: 82 Resp: 1036461

Ion Ratio Lower Upper

82 100

128 31.5 32.8 49.2#

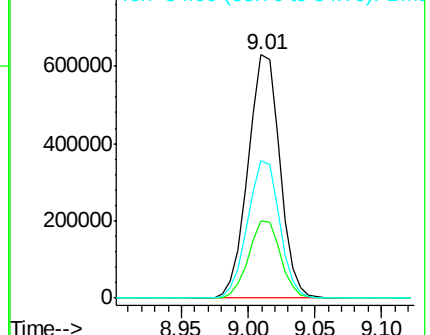
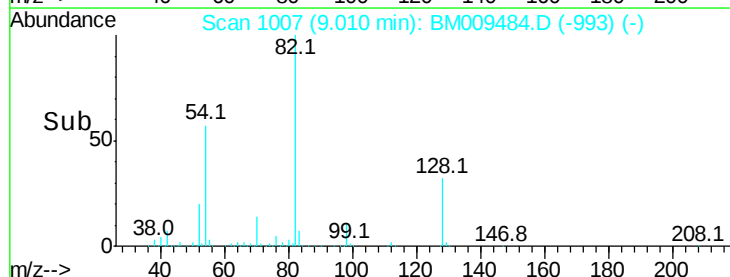
54 56.6 40.6 60.8

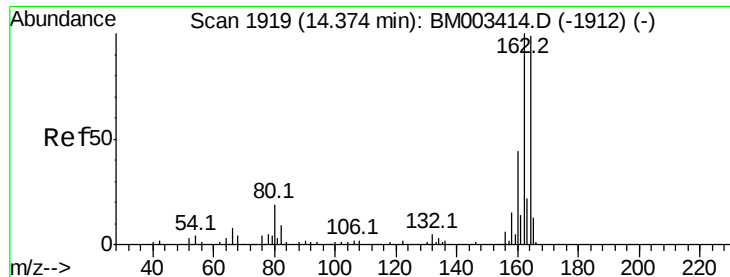


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009484.D

Acq: 31 Mar 2017 21:22

Instrument :

BNA_M

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QNWP8-MW25S-GW

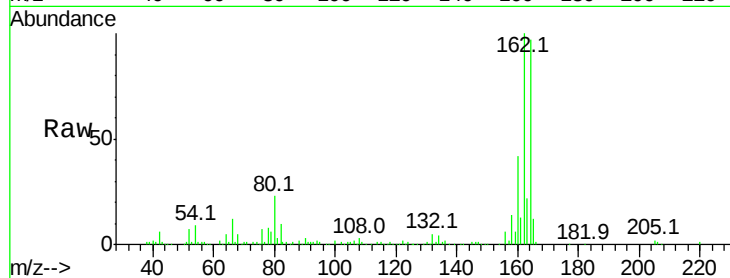
Tot Ion:164 Resp: 251598

Ion Ratio Lower Upper

164 100

162 102.7 82.4 123.6

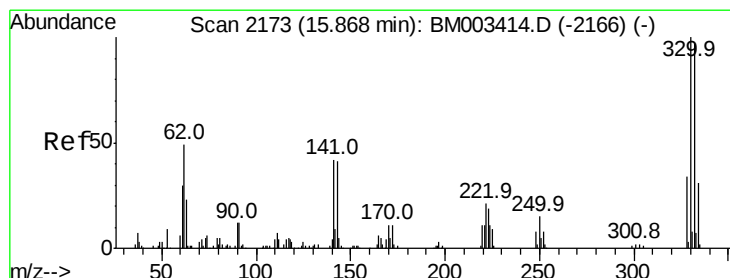
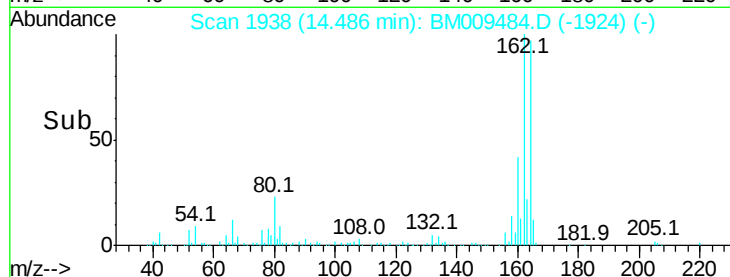
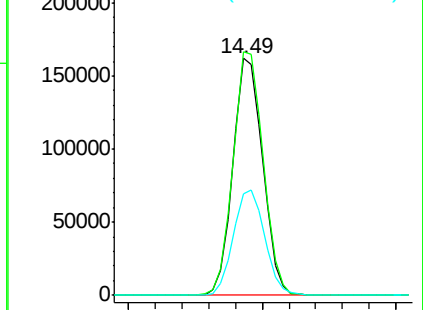
160 42.7 35.8 53.6



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: 166.16 ng

RT: 15.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BM009484.D

Acq: 31 Mar 2017 21:22

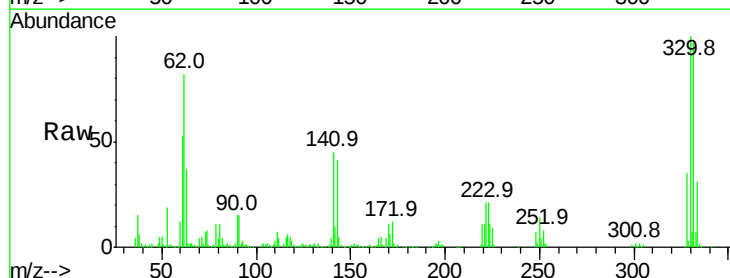
Tgt Ion:330 Resp: 519357

Ion Ratio Lower Upper

330 100

332 97.1 0.0 0.0#

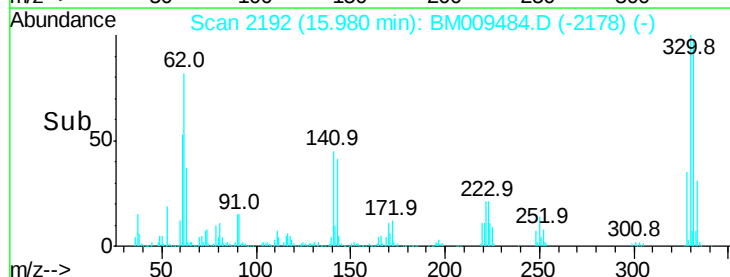
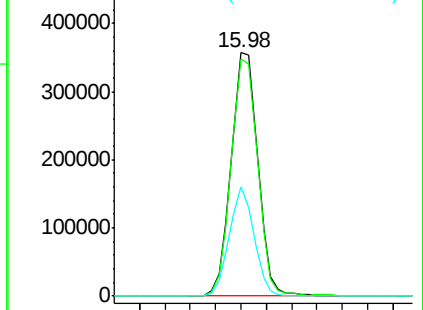
141 41.8 0.0 0.0#

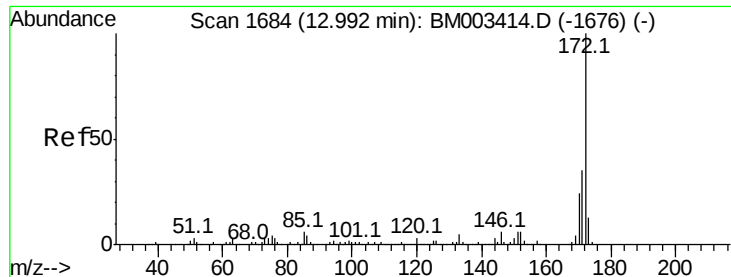


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

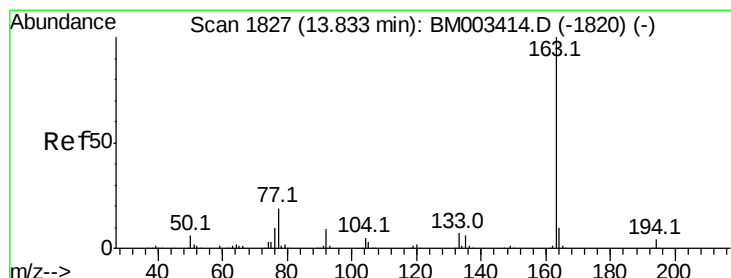
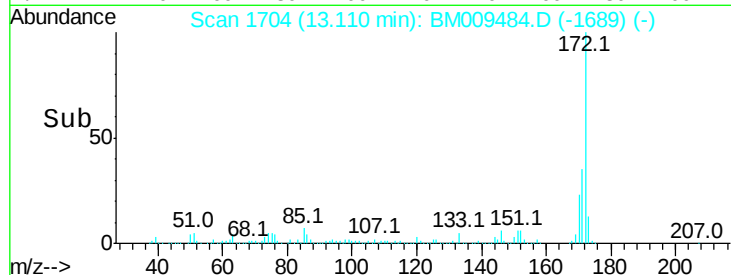
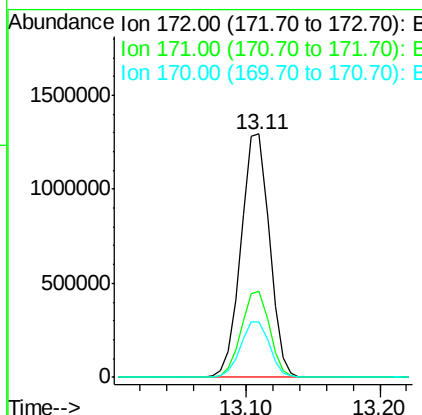
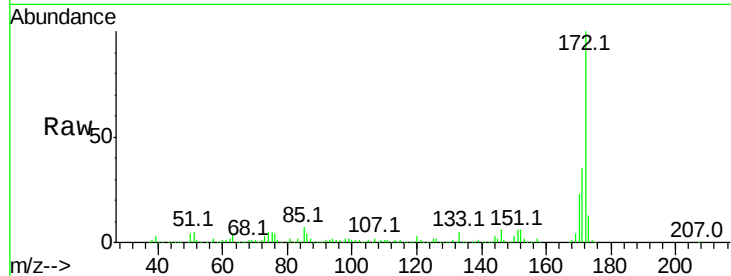




#44
2-Fluorobiphenyl
Concen: 91.55 ng
RT: 13.11 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BM009484.D
Acq: 31 Mar 2017 21:22

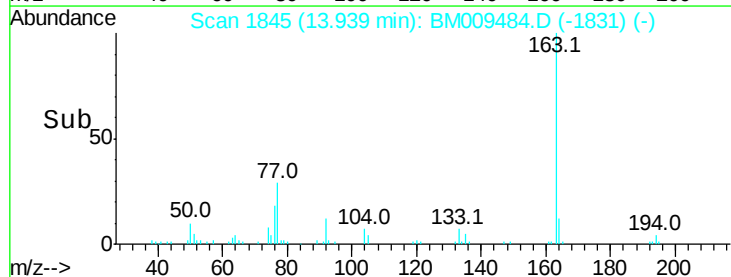
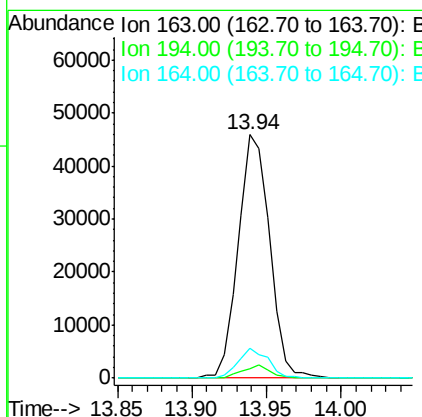
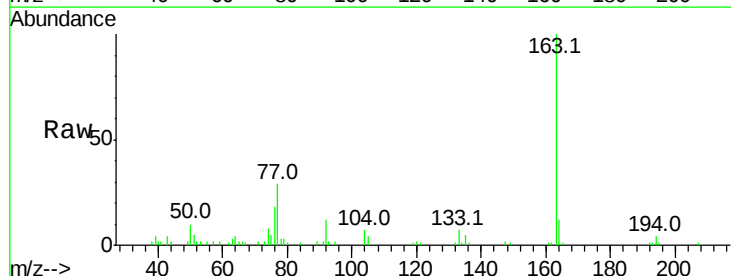
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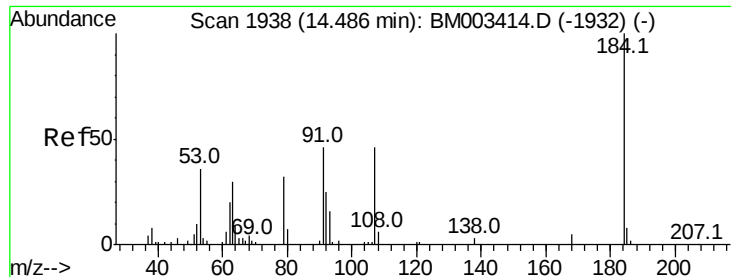
Tot Ion:172 Resp: 1911617
Ion Ratio Lower Upper
172 100
171 35.2 28.5 42.7
170 22.7 18.8 28.2



#49
Dimethylphthalate
Concen: 3.47 ng
RT: 13.94 min Scan# 1845
Delta R.T. -0.02 min
Lab File: BM009484.D
Acq: 31 Mar 2017 21:22

Tgt Ion:163 Resp: 67016
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 12.1 8.2 12.2

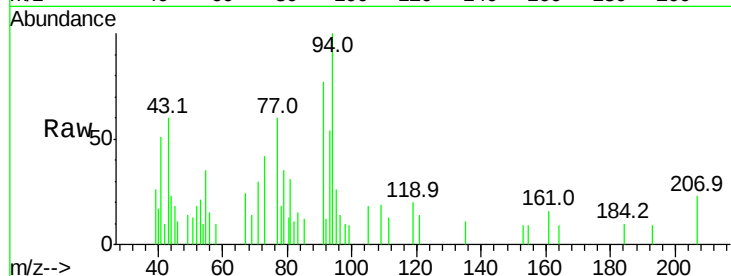




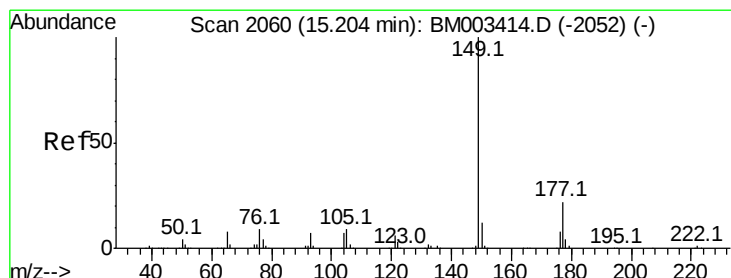
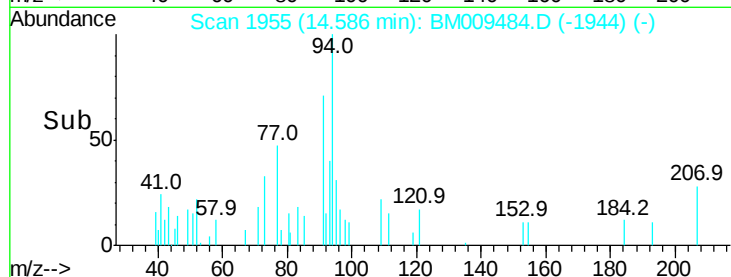
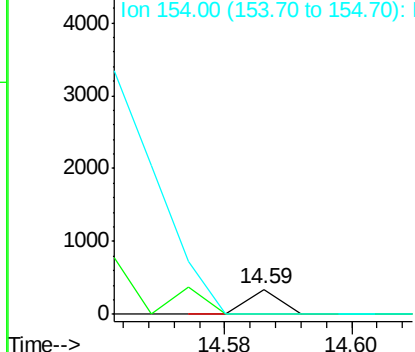
#53
2,4-Dinitrophenol
Concen: 5.51 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.04 min
Lab File: BM009484.D
Acq: 31 Mar 2017 21:22

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW25S-GW

Tot Ion:184 Resp: 122
Ion Ratio Lower Upper
184 100
63 0.0 69.2 103.8#
154 89.0 53.3 79.9#

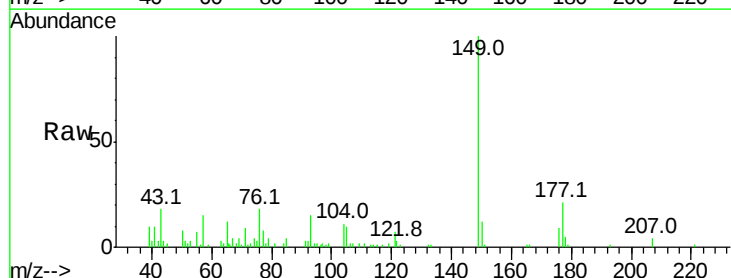


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

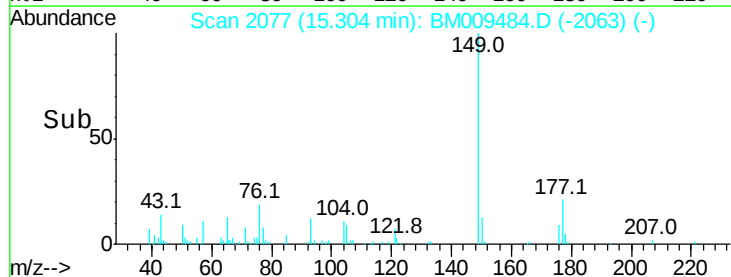
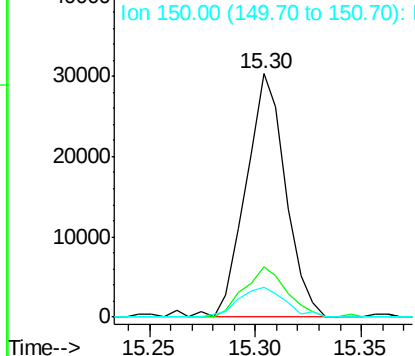


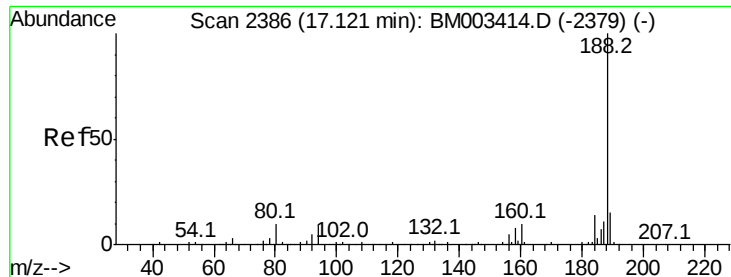
#59
Diethylphthalate
Concen: 2.01 ng
RT: 15.30 min Scan# 2077
Delta R.T. -0.02 min
Lab File: BM009484.D
Acq: 31 Mar 2017 21:22

Tgt Ion:149 Resp: 39473
Ion Ratio Lower Upper
149 100
177 20.8 18.3 27.5
150 12.2 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

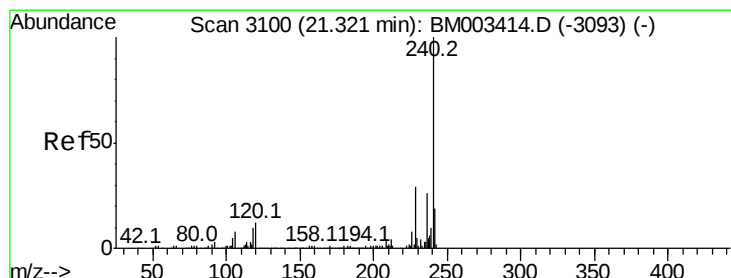
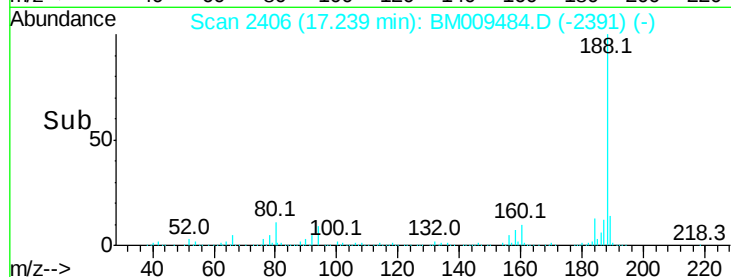
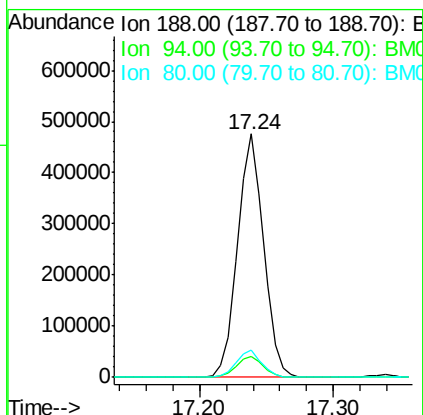
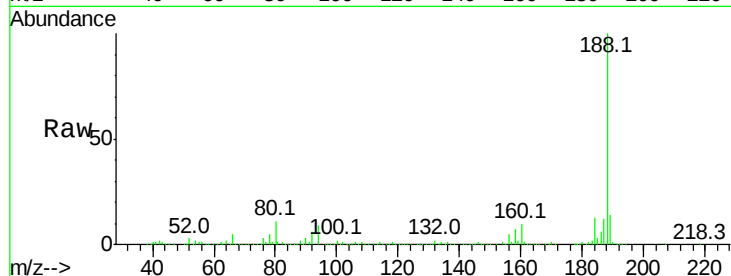




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009484.D
Acq: 31 Mar 2017 21:22

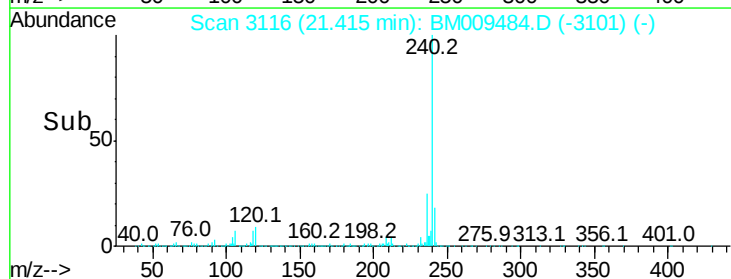
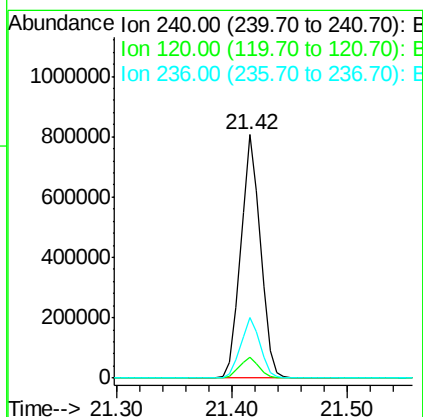
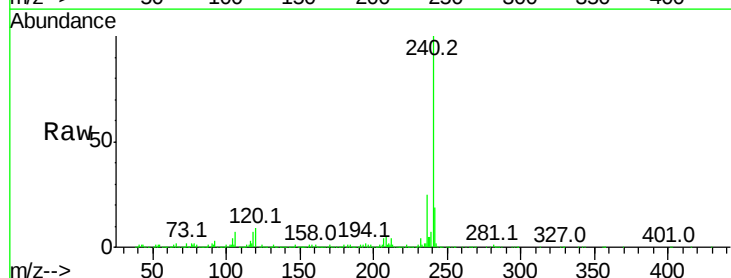
Instrument :
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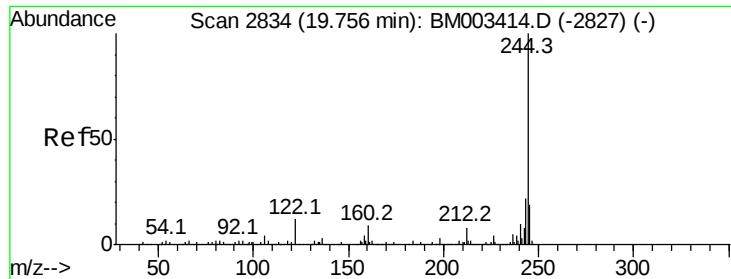
Tot Ion:188 Resp: 645041
Ion Ratio Lower Upper
188 100
94 8.7 8.7 13.1
80 11.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM009484.D
Acq: 31 Mar 2017 21:22

Tgt Ion:240 Resp: 954908
Ion Ratio Lower Upper
240 100
120 8.7 8.2 12.2
236 24.9 20.0 30.0



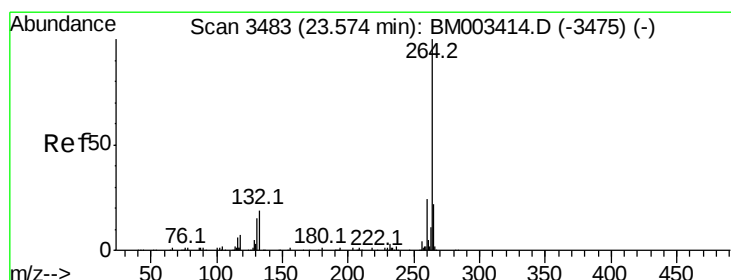
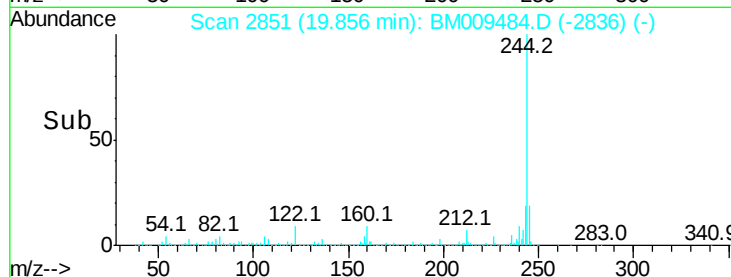
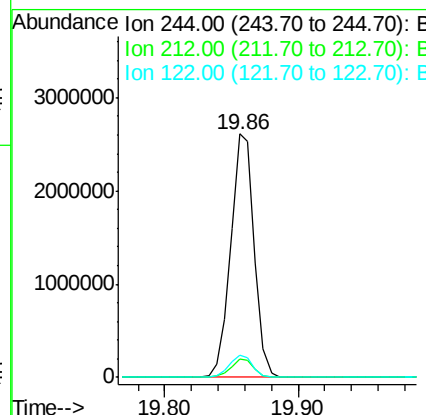
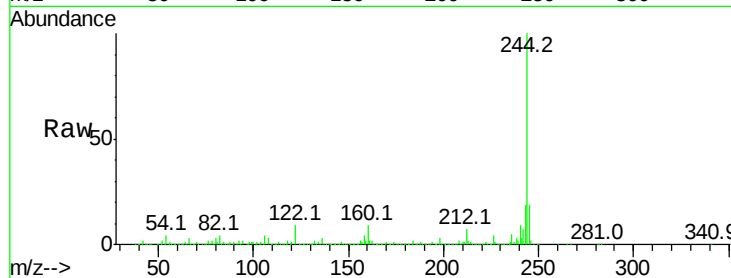


#78
 Terphenyl-d14
 Concen: 70.68 ng
 RT: 19.86 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BM009484.D
 Acq: 31 Mar 2017 21:22

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW25S-GW

Tot Ion:244 Resp: 3230012

Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	9.1	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009484.D
 Acq: 31 Mar 2017 21:22

Tgt Ion:264 Resp: 902199

Ion	Ratio	Lower	Upper
264	100		
260	21.2	18.6	27.8
265	20.9	17.3	25.9

