

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101415\
 Data File : BM002902.D
 Acq On : 14 Oct 2015 18:16
 Operator : UM/IZ
 Sample : PB85740BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB85740BL

Quant Time: Oct 15 01:03:44 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 15 01:02:42 2015
 Response via : Initial Calibration

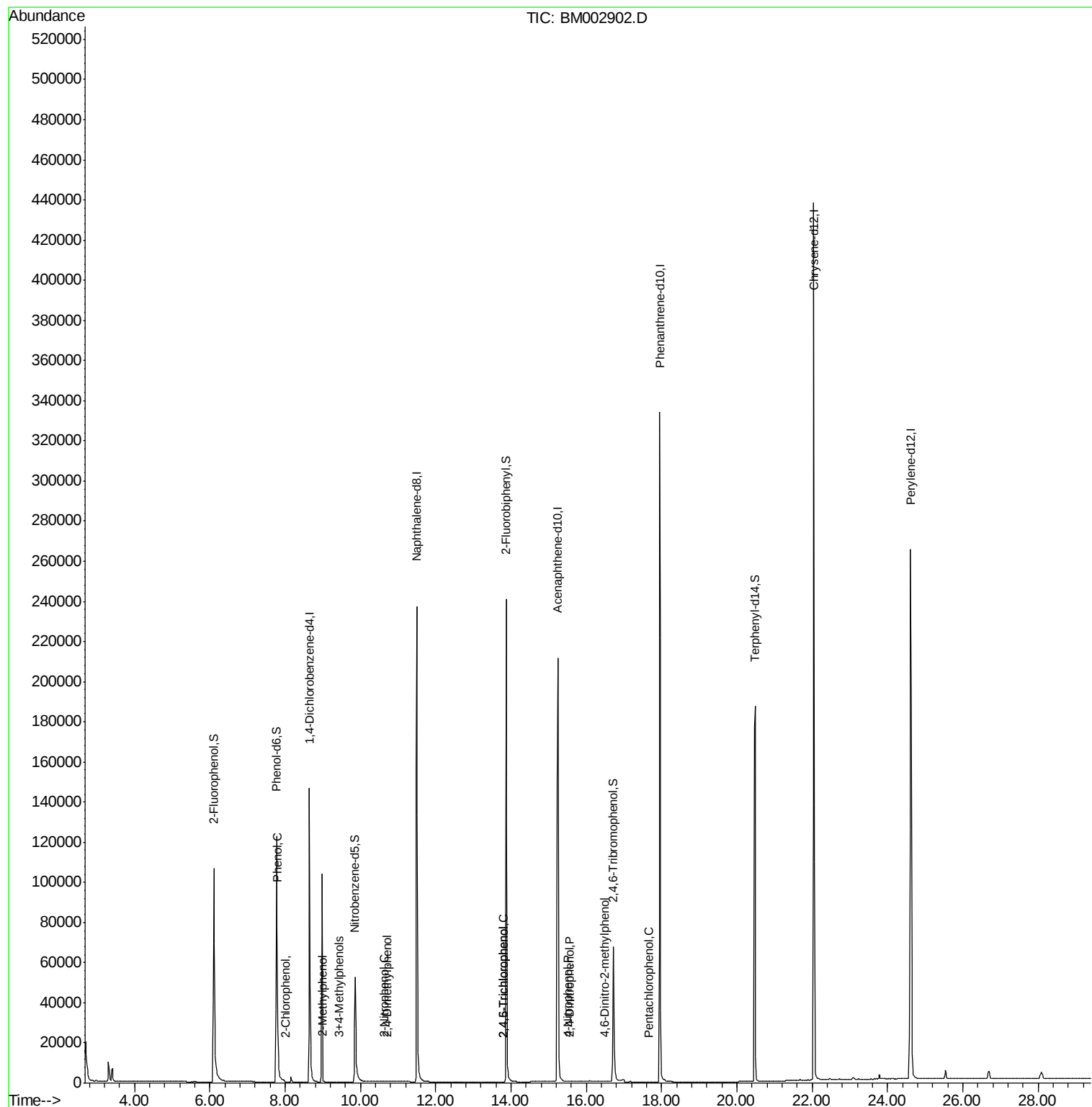
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.65	152	93958	5.00	ng	0.00
8) Naphthalene-d8	11.50	136	378075	5.00	ng	0.00
14) Acenaphthene-d10	15.25	164	194814	5.00	ng	0.00
21) Phenanthrene-d10	17.95	188	450142	5.00	ng	0.00
24) Chrysene-d12	22.04	240	439067	5.00	ng	0.00
26) Perylene-d12	24.61	264	421434	5.00	ng	0.00
System Monitoring Compounds						
2) 2-Fluorophenol	6.10	112	146142	8.07	ng	-0.05
3) Phenol-d6	7.77	99	184877	7.16	ng	-0.03
9) Nitrobenzene-d5	9.85	82	78446	3.77	ng	-0.01
15) 2,4,6-Tribromophenol	16.71	330	57849	8.13	ng	0.00
18) 2-Fluorobiphenyl	13.87	172	260444	4.09	ng	0.00
25) Terphenyl-d14	20.48	244	245548	3.68	ng	0.00
Target Compounds						
4) 2-Chlorophenol	8.02	128	262	0.01	ng	# 15
5) Phenol	7.79	94	132	0.01	ng	# 1
6) 2-Methylphenol	9.00	107	261	0.01	ng	# 1
7) 3+4-Methylphenols	9.44	107	6	0.00	ng	# 56
10) 2-Nitrophenol	10.62	139	5	0.00	ng	# 1
11) 2,4-Dimethylphenol	10.72	122	8	0.00	ng	# 44
16) 2,4,6-Trichlorophenol	13.79	196	14	0.00	ng	# 38
17) 2,4,5-Trichlorophenol	13.79	196	14	0.00	ng	# 100
19) 2,4-Dinitrophenol	15.56	184	4	0.54	ng	# 33
20) 4-Nitrophenol	15.52	139	8	0.51	ng	# 55
22) 4,6-Dinitro-2-methylphenol	16.49	198	4	0.08	ng	# 1
23) Pentachlorophenol	17.66	266	17	0.61	ng	# 72

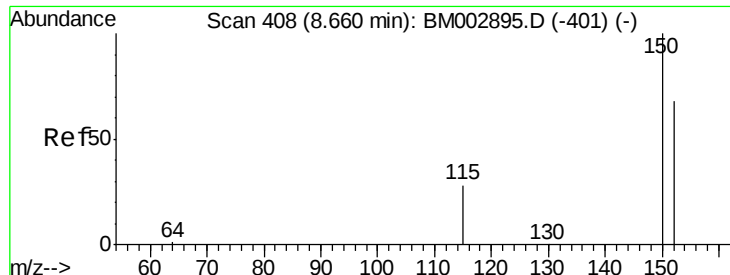
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101415\
Data File : BM002902.D
Acq On : 14 Oct 2015 18:16
Operator : UM/IZ
Sample : PB85740BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB85740BL

Quant Time: Oct 15 01:03:44 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIM-ACID-BM0101315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 01:02:42 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.65 min Scan# 407

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

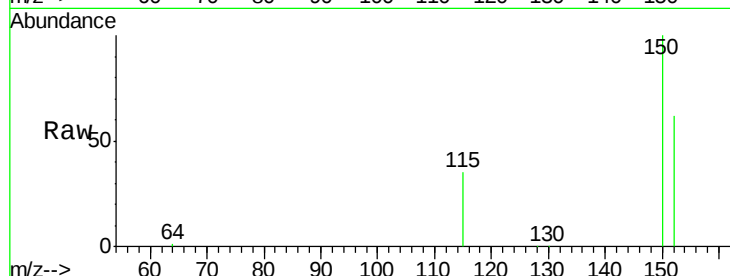
Tot Ion:152 Resp: 93958

Ion Ratio Lower Upper

152 100

150 160.5 116.3 174.5

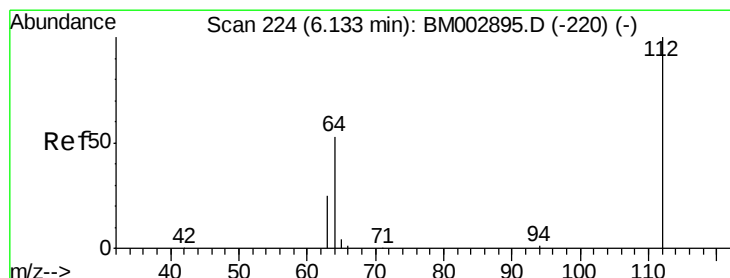
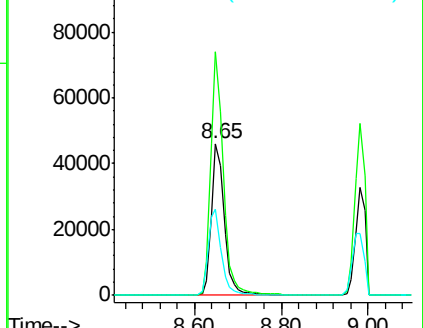
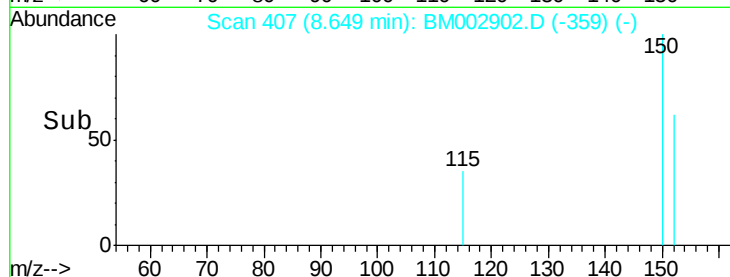
115 56.4 31.9 47.9#



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

2-Fluorophenol

Concen: 8.07 ng

RT: 6.10 min Scan# 222

Delta R.T. -0.05 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

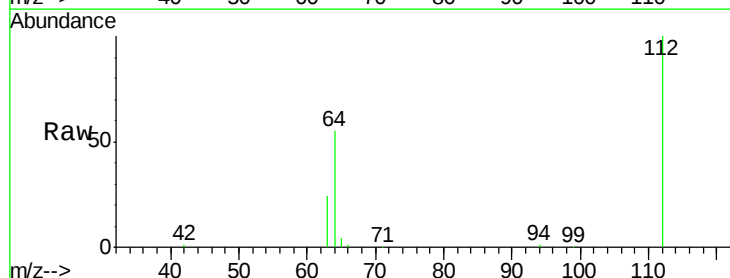
Tgt Ion:112 Resp: 146142

Ion Ratio Lower Upper

112 100

64 54.6 49.3 73.9

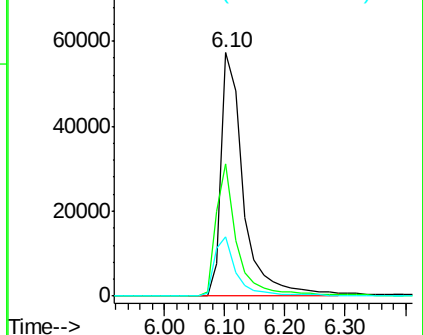
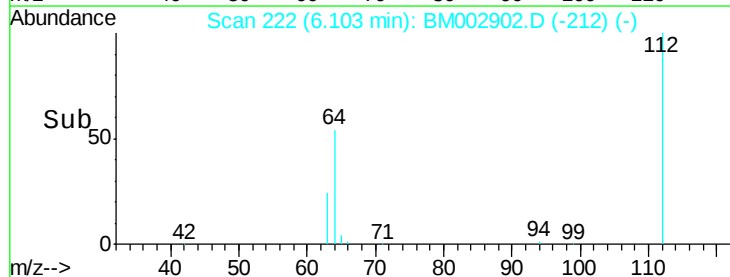
63 24.5 26.2 39.4#

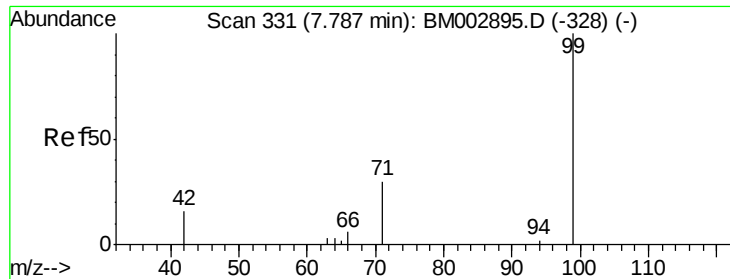


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#3

Phenol-d6

Concen: 7.16 ng

RT: 7.77 min Scan# 330

Delta R.T. -0.03 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampled :

PB85740BL

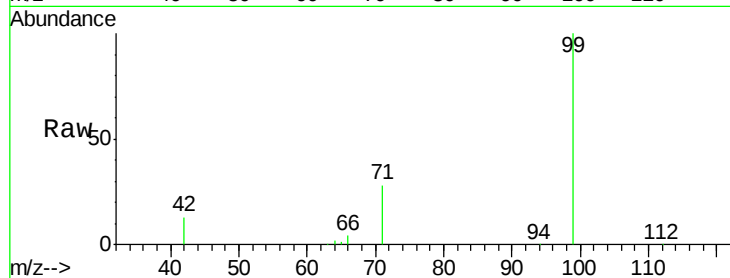
Tot Ion: 99 Resp: 184877

Ion Ratio Lower Upper

99 100

42 13.0 12.1 18.1

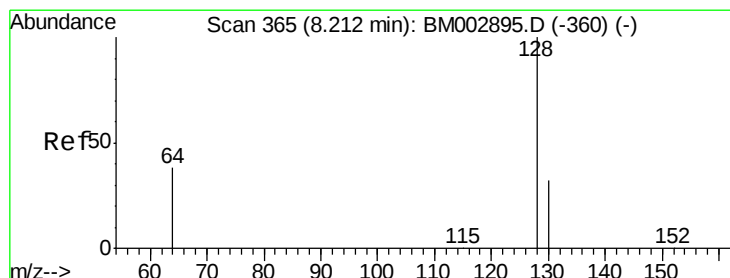
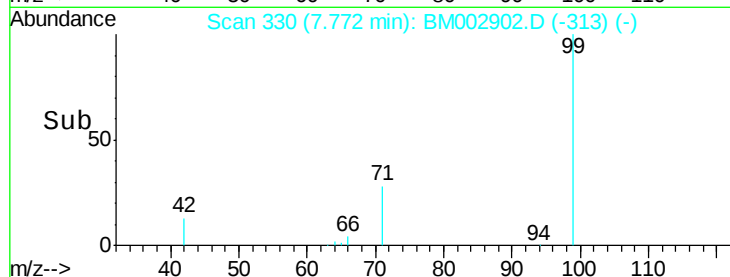
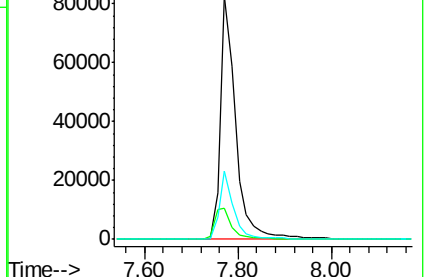
71 28.3 26.4 39.6



Abundance Ion 99.00 (98.70 to 99.70): BM002895.D (-328) (-)

Ion 42.00 (41.70 to 42.70): BM002895.D (-328) (-)

Ion 71.00 (70.70 to 71.70): BM002895.D (-328) (-)



#4

2-Chlorophenol

Concen: 0.01 ng

RT: 8.02 min Scan# 347

Delta R.T. -0.19 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

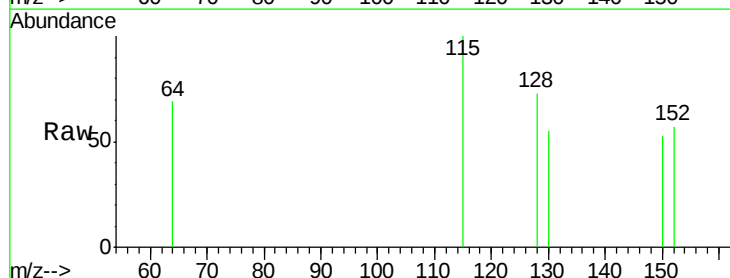
Tgt Ion: 128 Resp: 262

Ion Ratio Lower Upper

128 100

130 75.7 22.2 62.2#

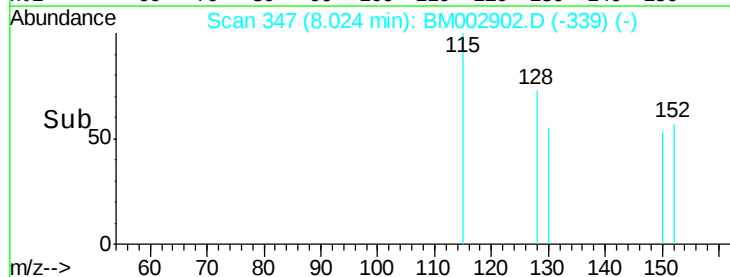
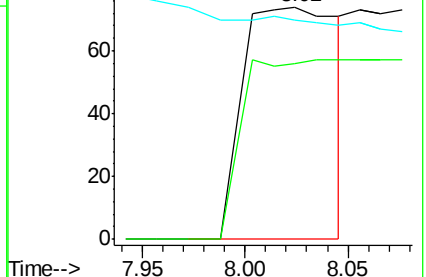
64 94.6 0.0 28.7#

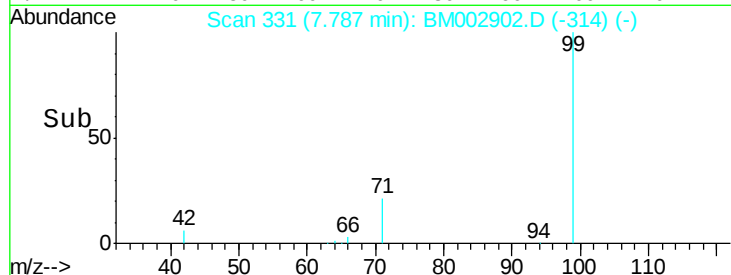
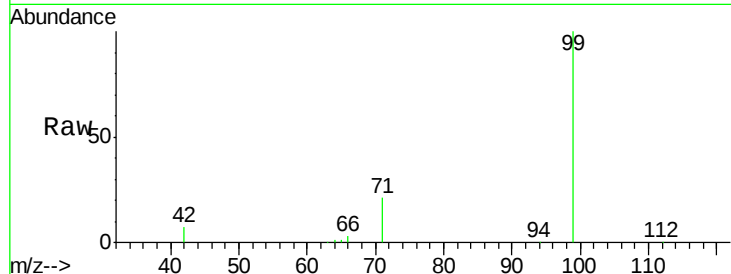
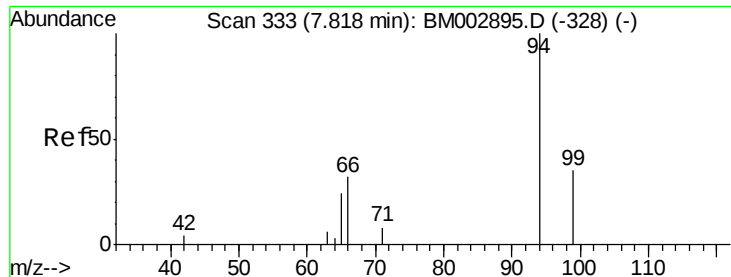


Abundance Ion 128.00 (127.70 to 128.70): BM002895.D (-360) (-)

Ion 130.00 (129.70 to 130.70): BM002895.D (-360) (-)

Ion 64.00 (63.70 to 64.70): BM002895.D (-360) (-)





#5

Phenol

Concen: 0.01 ng

RT: 7.79 min Scan# 331

Delta R.T. -0.03 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

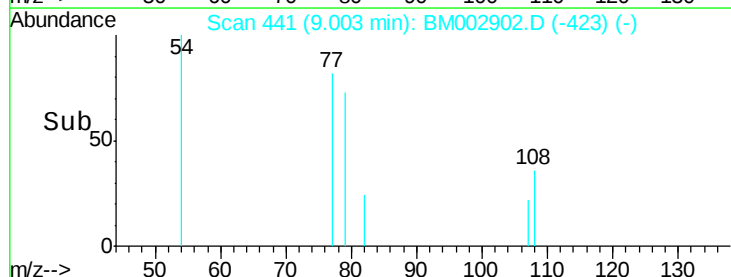
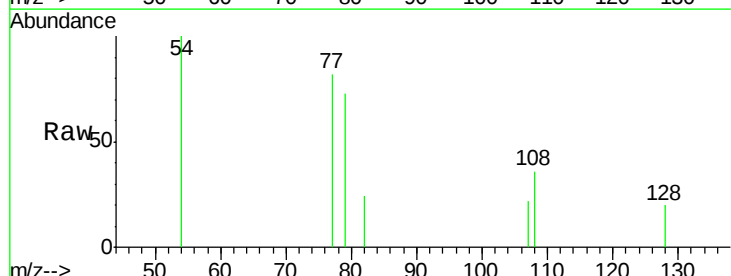
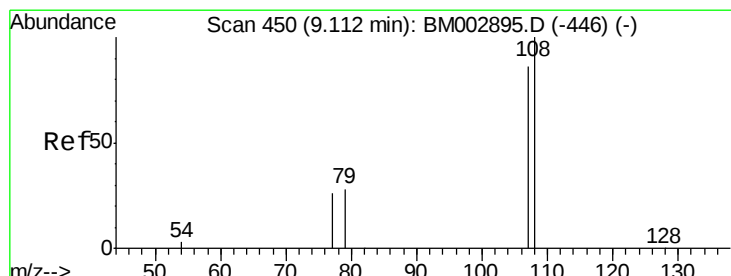
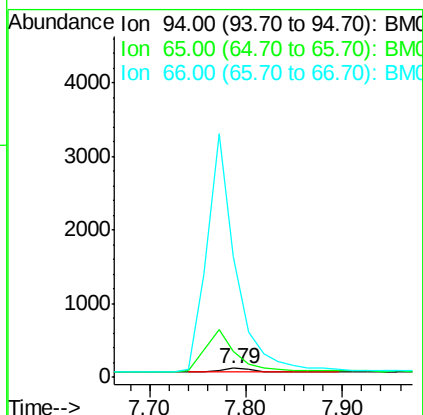
Tot Ion: 94 Resp: 132

Ion Ratio Lower Upper

94 100

65 285.2 0.0 37.7#

66 1341.0 6.3 46.3#



#6

2-Methylphenol

Concen: 0.01 ng

RT: 9.00 min Scan# 441

Delta R.T. -0.11 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Tgt Ion: 107 Resp: 261

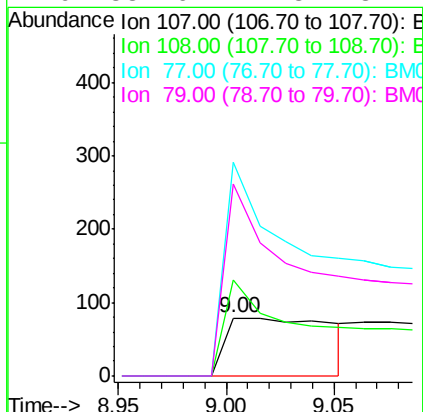
Ion Ratio Lower Upper

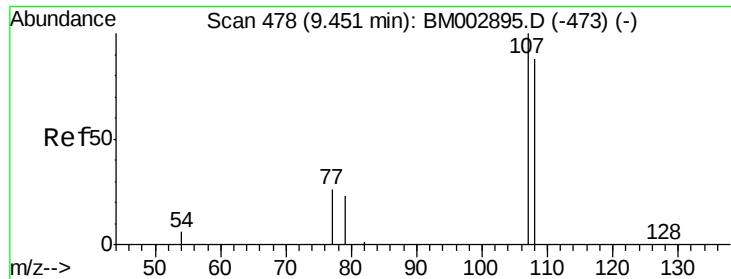
107 100

108 164.6 100.9 151.3#

77 368.4 20.3 30.5#

79 331.6 22.8 34.2#





#7

3+4-Methylphenols

Concen: 0.00 ng

RT: 9.44 min Scan# 477

Delta R.T. -0.01 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

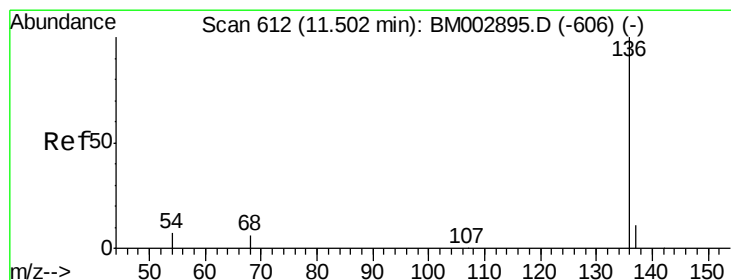
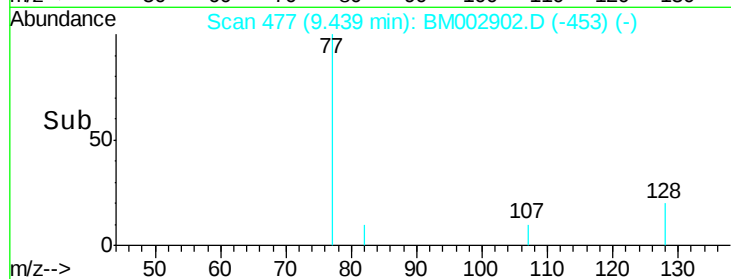
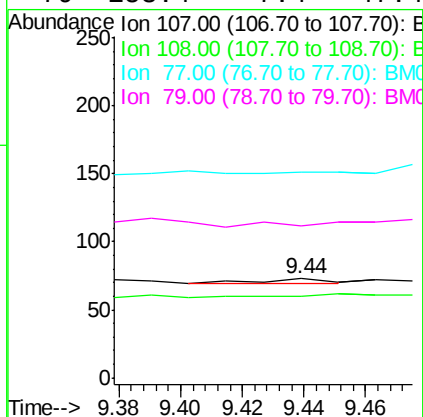
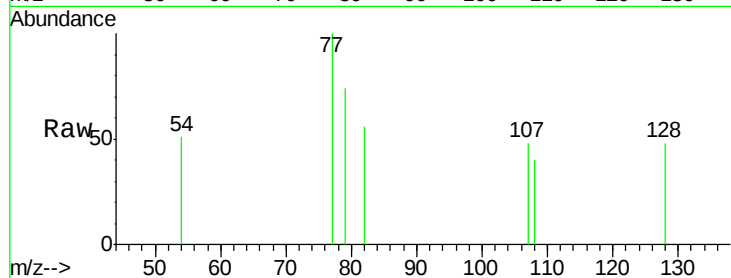
Instrument :

BNA_M

ClientSampleId :

PB85740BL

Tot Ion:	107	Resp:	6
Ion	Ratio	Lower	Upper
107	100		
108	82.2	86.3	126.3#
77	206.8	151.7	191.7#
79	153.4	7.4	47.4#



#8

Naphthalene-d8

Concen: 5.00 ng

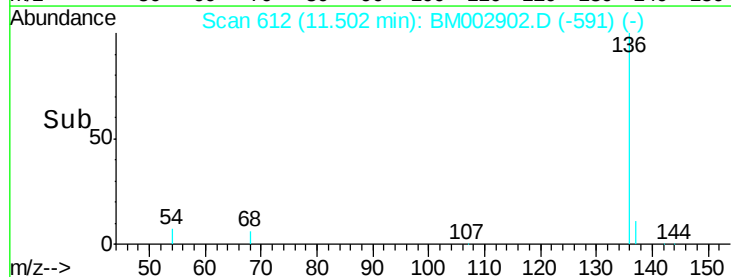
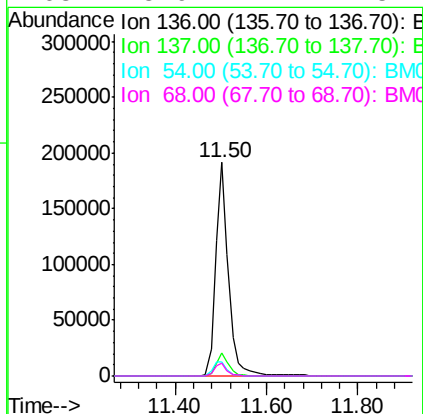
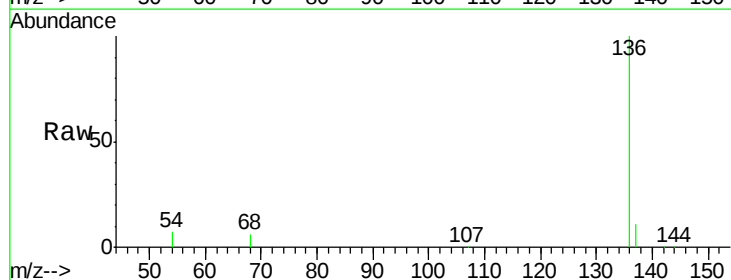
RT: 11.50 min Scan# 612

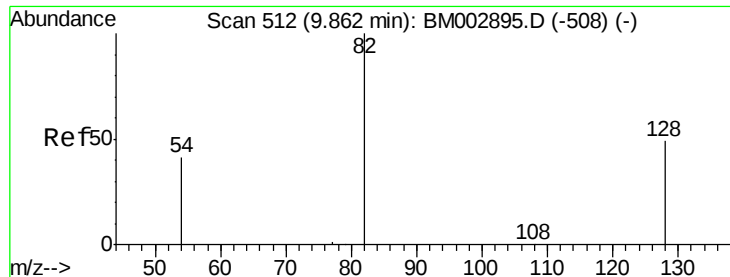
Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Tgt Ion:	136	Resp:	378075
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.7	2.6	3.8#
68	5.9	2.2	3.2#





#9

Nitrobenzene-d5

Concen: 3.77 ng

RT: 9.85 min Scan# 511

Delta R.T. -0.01 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

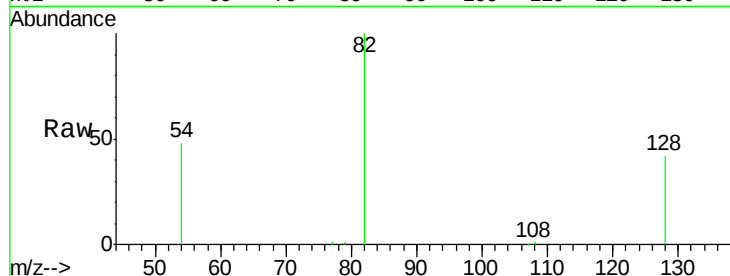
Tot Ion: 82 Resp: 78446

Ion Ratio Lower Upper

82 100

128 50.0 0.0 0.0#

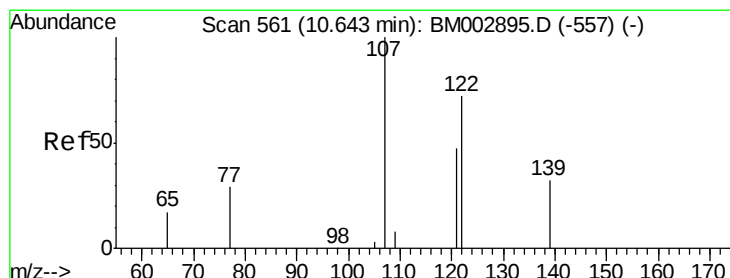
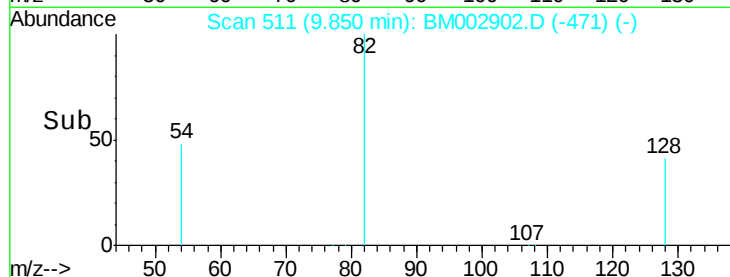
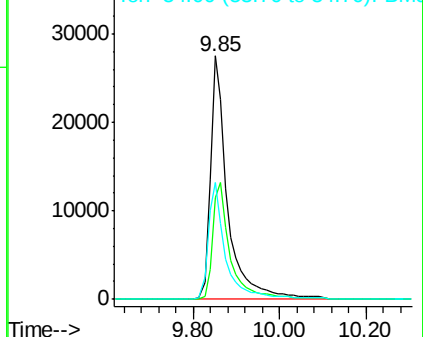
54 48.6 59.0 88.6#



Abundance Ion 82.00 (81.70 to 82.70): BM002895.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BM002895.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BM002895.D (-508) (-)



#10

2-Nitrophenol

Concen: 0.00 ng

RT: 10.62 min Scan# 560

Delta R.T. -0.02 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

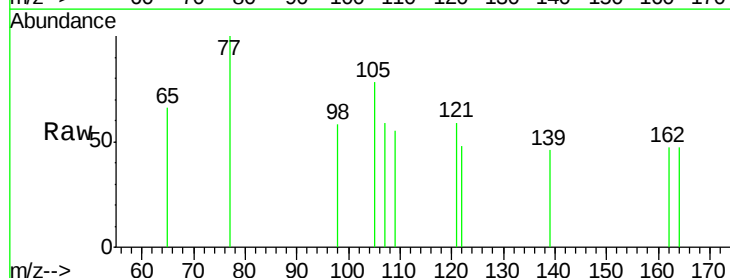
Tgt Ion: 139 Resp: 5

Ion Ratio Lower Upper

139 100

109 120.8 19.5 29.3#

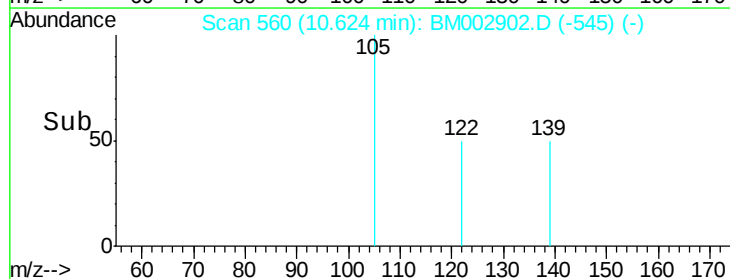
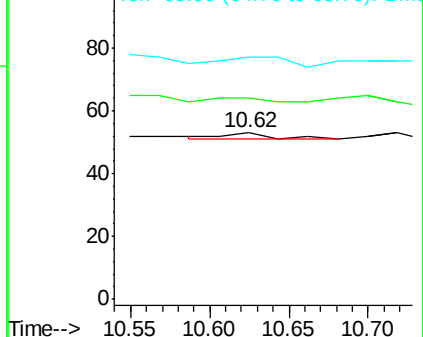
65 145.3 18.6 28.0#

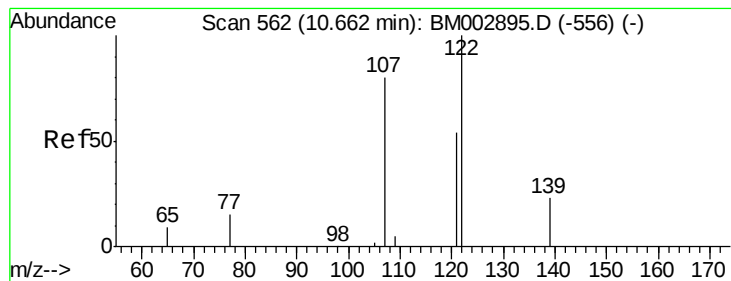


Abundance Ion 139.00 (138.70 to 139.70): BM002895.D (-557) (-)

Ion 109.00 (108.70 to 109.70): BM002895.D (-557) (-)

Ion 65.00 (64.70 to 65.70): BM002895.D (-557) (-)

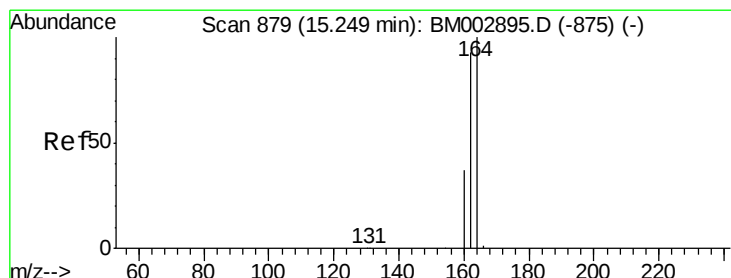
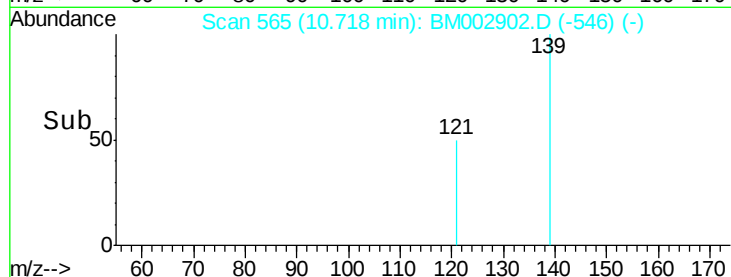
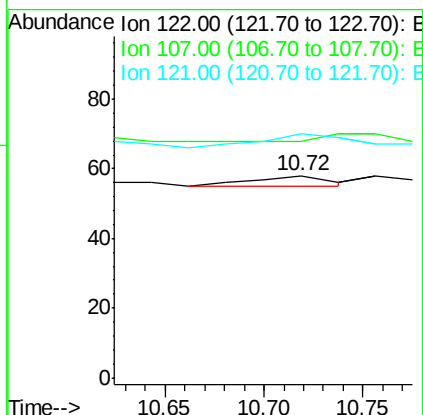
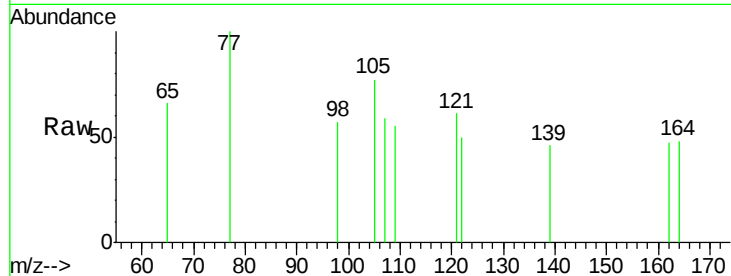




#11
 2,4-Dimethylphenol
 Concen: 0.00 ng
 RT: 10.72 min Scan# 565
 Delta R.T. 0.06 min
 Lab File: BM002902.D
 Acq: 14 Oct 2015 18:16

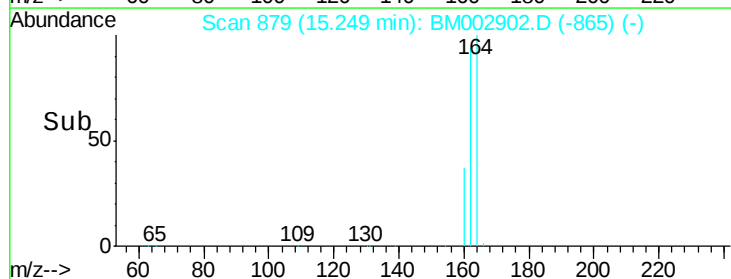
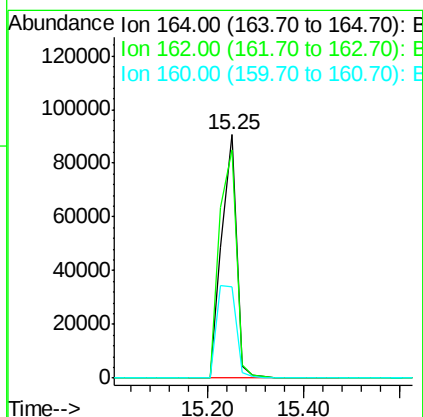
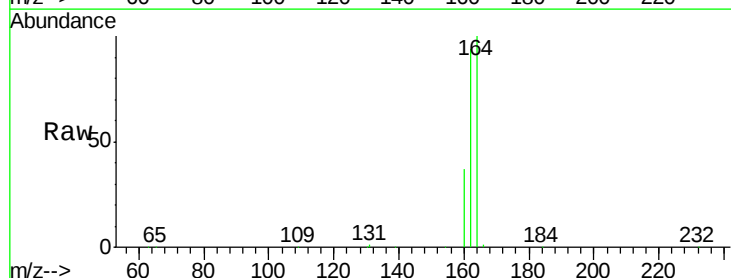
Instrument :
 BNA_M
 ClientSampleID :
 PB85740BL

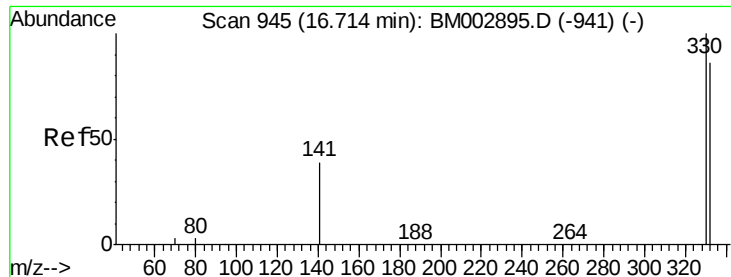
Tot Ion:122 Resp: 8
 Ion Ratio Lower Upper
 122 100
 107 117.2 68.6 102.8#
 121 120.7 44.8 67.2#



#14
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 15.25 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BM002902.D
 Acq: 14 Oct 2015 18:16

Tgt Ion:164 Resp: 194814
 Ion Ratio Lower Upper
 164 100
 162 93.6 79.2 118.8
 160 37.3 33.7 50.5

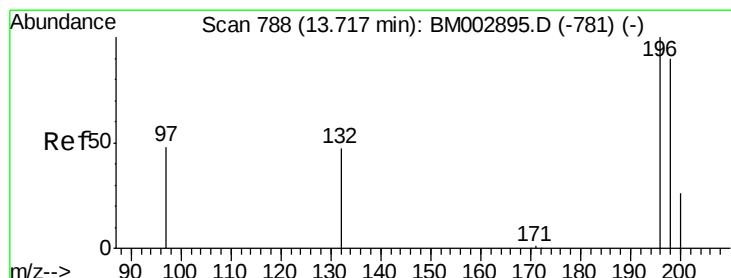
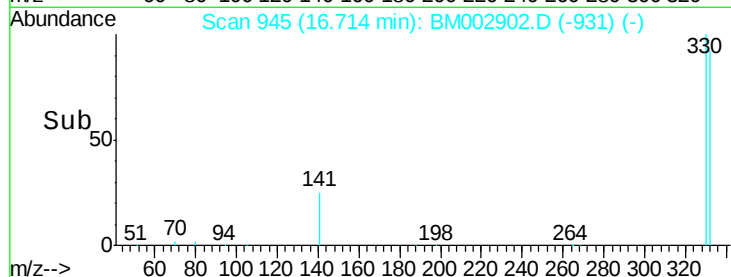
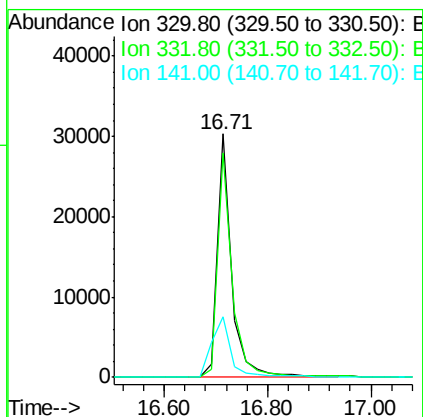
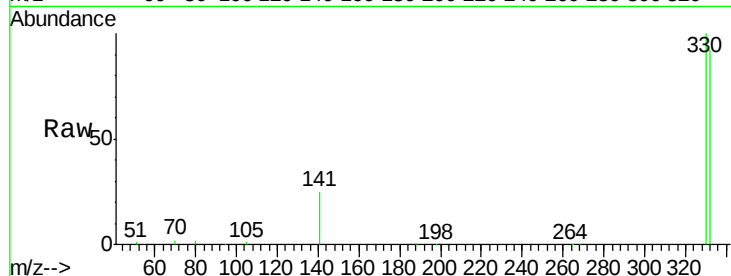




#15
 2,4,6-Tribromophenol
 Concen: 8.13 ng
 RT: 16.71 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BM002902.D
 Acq: 14 Oct 2015 18:16

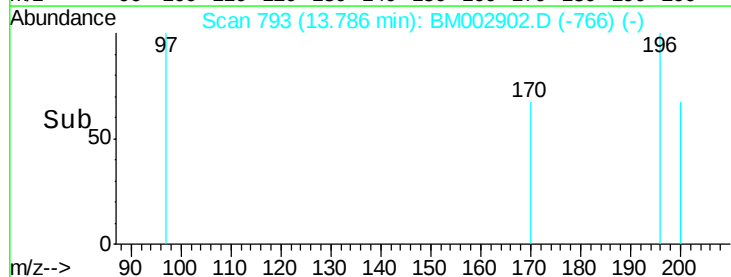
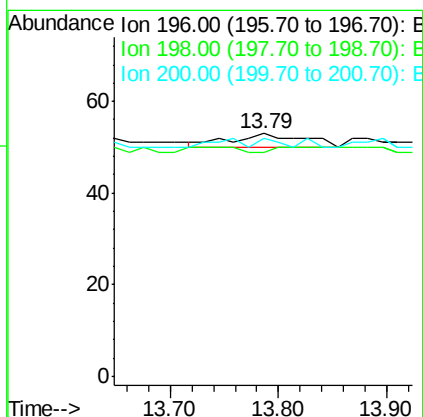
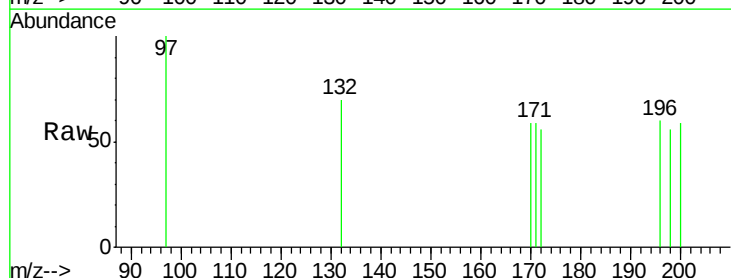
Instrument :
 BNA_M
 ClientSampleId :
 PB85740BL

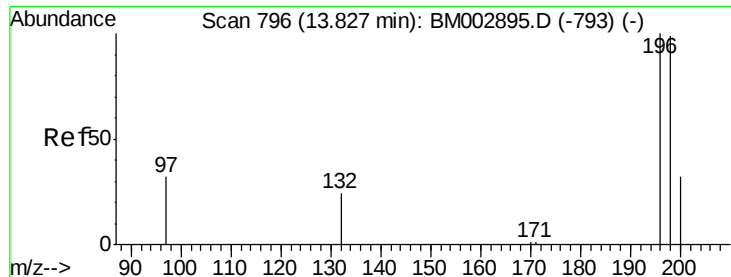
Tot Ion:330 Resp: 57849
 Ion Ratio Lower Upper
 330 100
 332 95.5 74.0 111.0
 141 32.7 24.1 36.1



#16
 2,4,6-Trichlorophenol
 Concen: 0.00 ng
 RT: 13.79 min Scan# 793
 Delta R.T. 0.07 min
 Lab File: BM002902.D
 Acq: 14 Oct 2015 18:16

Tgt Ion:196 Resp: 14
 Ion Ratio Lower Upper
 196 100
 198 92.5 54.2 81.2#
 200 98.1 17.1 25.7#

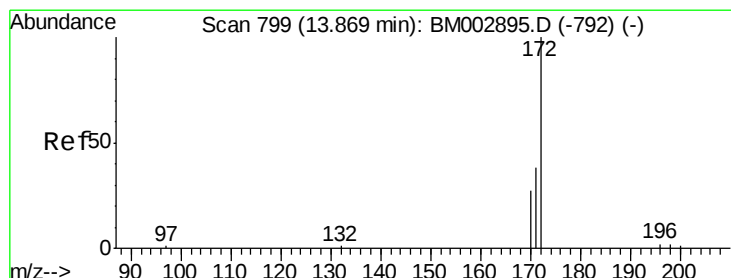
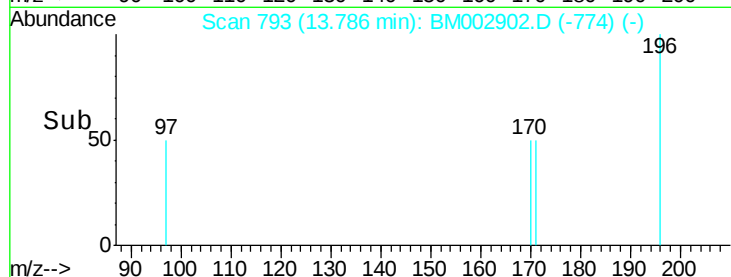
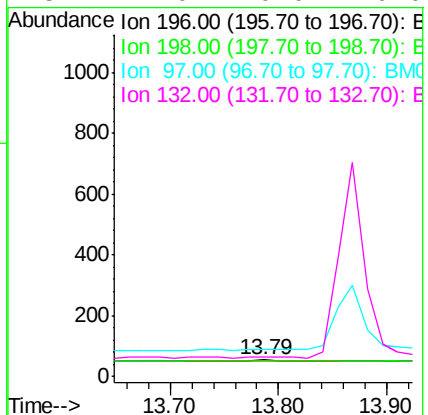
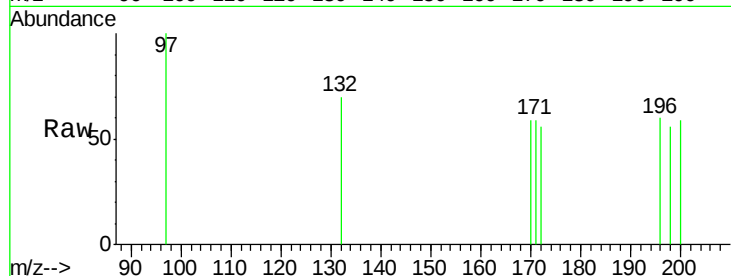




#17
2,4,5-Trichlorophenol
Concen: 0.00 ng
RT: 13.79 min Scan# 793
Delta R.T. -0.04 min
Lab File: BM002902.D
Acq: 14 Oct 2015 18:16

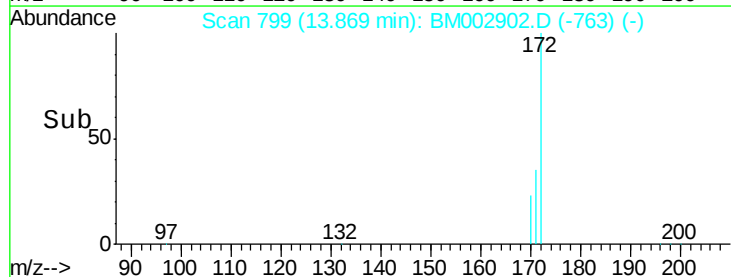
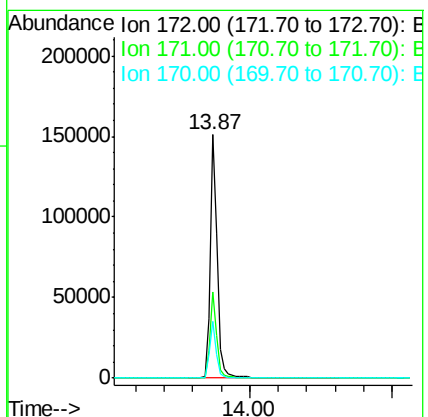
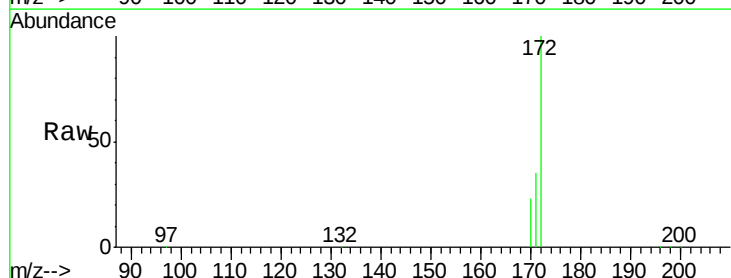
Instrument :
BNA_M
ClientSampleId :
PB85740BL

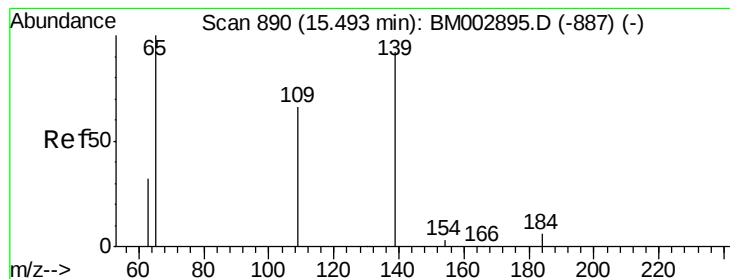
Tot Ion:196 Resp: 14
Ion Ratio Lower Upper
196 100
198 92.5 73.6 110.4
97 166.0 0.0 0.0#
132 117.0 0.0 0.0#



#18
2-Fluorobiphenyl
Concen: 4.09 ng
RT: 13.87 min Scan# 799
Delta R.T. -0.00 min
Lab File: BM002902.D
Acq: 14 Oct 2015 18:16

Tgt Ion:172 Resp: 260444
Ion Ratio Lower Upper
172 100
171 34.4 0.0 0.0#
170 22.5 0.0 0.0#

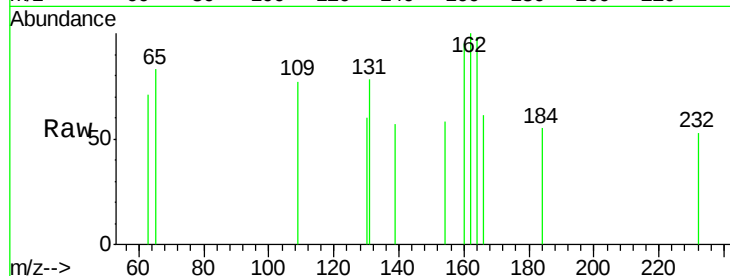




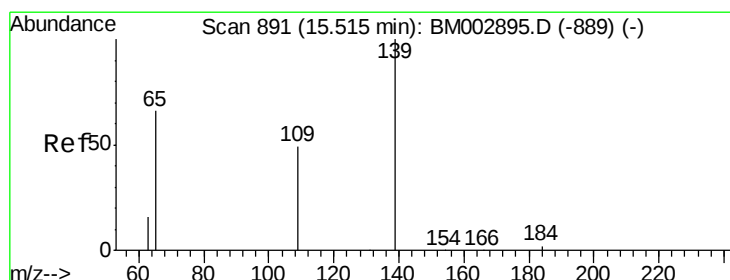
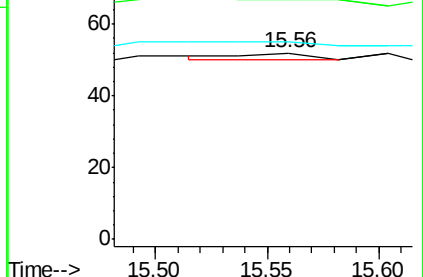
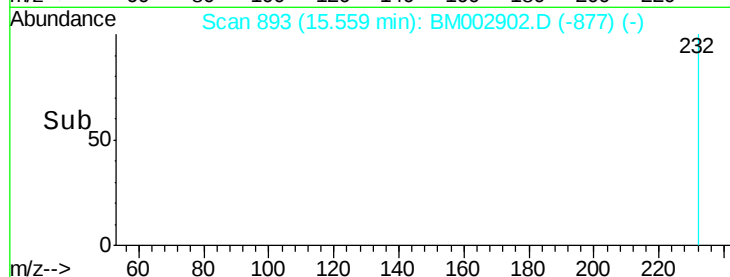
#19
2,4-Dinitrophenol
Concen: 0.54 ng
RT: 15.56 min Scan# 893
Delta R.T. 0.04 min
Lab File: BM002902.D
Acq: 14 Oct 2015 18:16

Instrument :
BNA_M
ClientSampleId :
PB85740BL

Tot Ion:184 Resp: 4
Ion Ratio Lower Upper
184 100
63 128.8 52.0 78.0#
154 105.8 51.4 77.2#

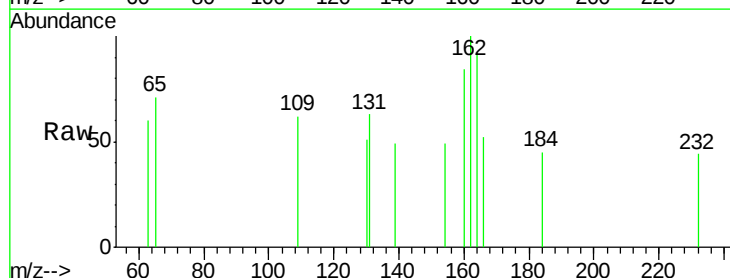


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM002895.D (-887) (-)
Ion 154.00 (153.70 to 154.70): E

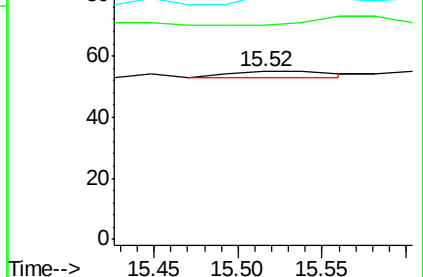
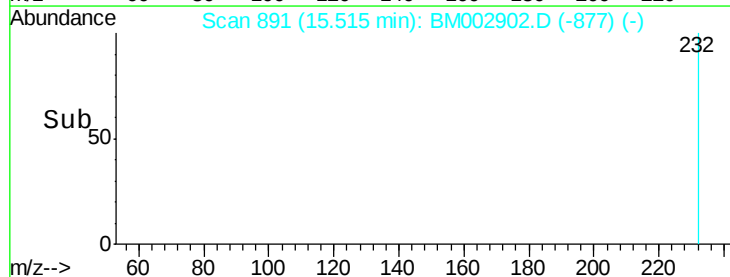


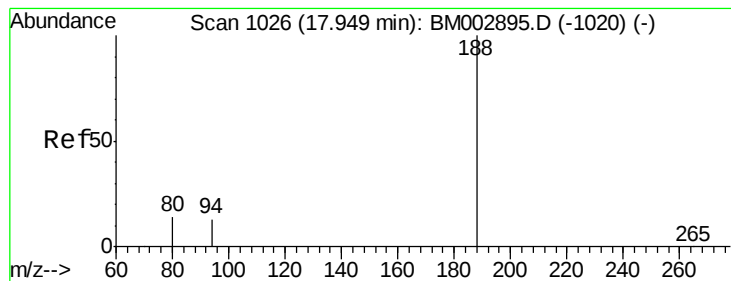
#20
4-Nitrophenol
Concen: 0.51 ng
RT: 15.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BM002902.D
Acq: 14 Oct 2015 18:16

Tgt Ion:139 Resp: 8
Ion Ratio Lower Upper
139 100
109 127.3 60.0 100.0#
65 145.5 85.7 125.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM002895.D (-889) (-)





#21

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.95 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

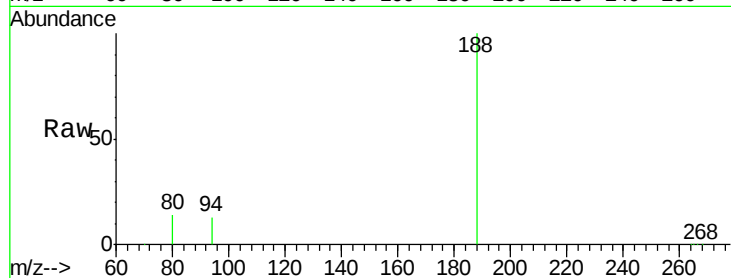
Tot Ion:188 Resp: 450142

Ion Ratio Lower Upper

188 100

94 12.6 2.9 4.3#

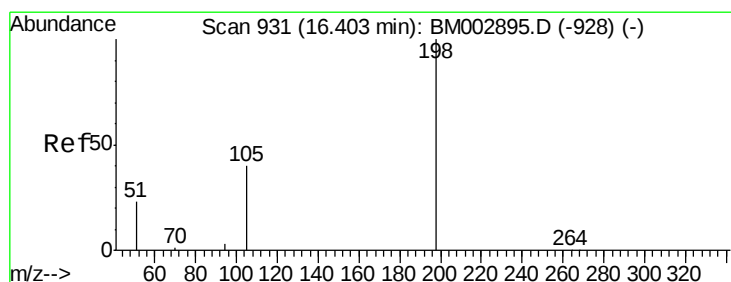
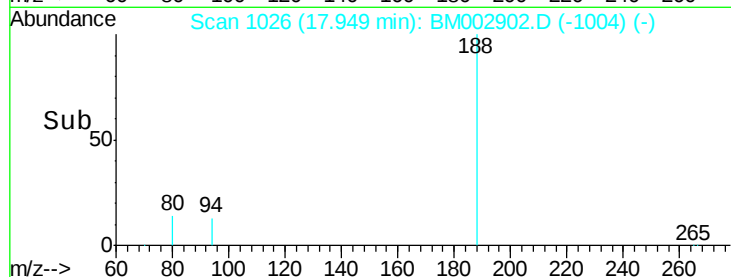
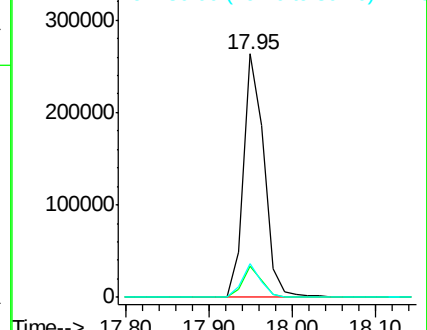
80 14.0 2.5 3.7#



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



#22

4,6-Dinitro-2-methylphenol

Concen: 0.08 ng

RT: 16.49 min Scan# 935

Delta R.T. 0.09 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

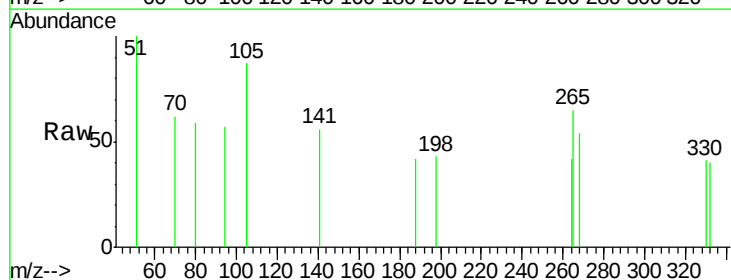
Tgt Ion:198 Resp: 4

Ion Ratio Lower Upper

198 100

51 231.4 60.8 100.8#

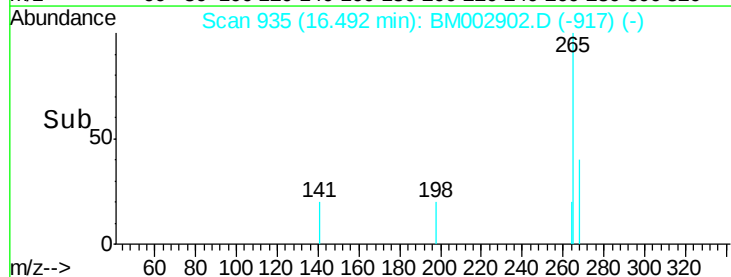
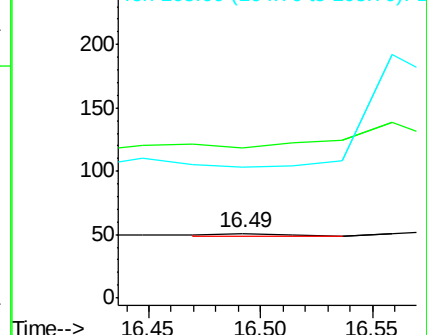
105 202.0 30.0 70.0#

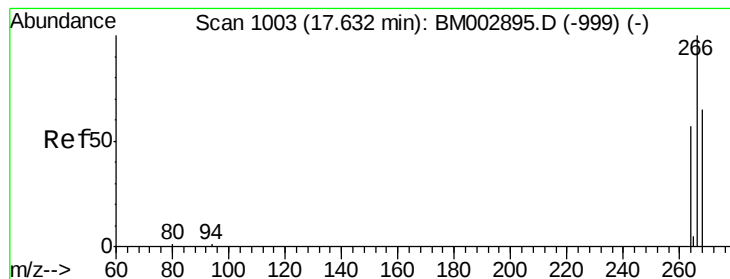


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#23

Pentachlorophenol

Concen: 0.61 ng

RT: 17.66 min Scan# 1005

Delta R.T. 0.03 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

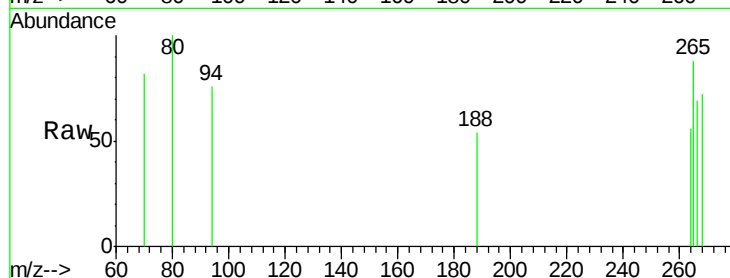
Tot Ion:266 Resp: 17

Ion Ratio Lower Upper

266 100

268 103.0 62.6 94.0#

264 80.3 47.9 71.9#

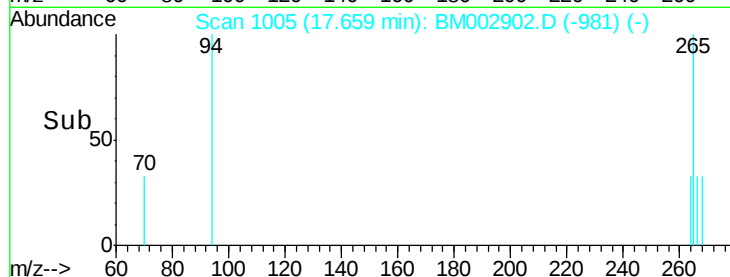


Abundance Ion 265.70 (265.40 to 266.40): E

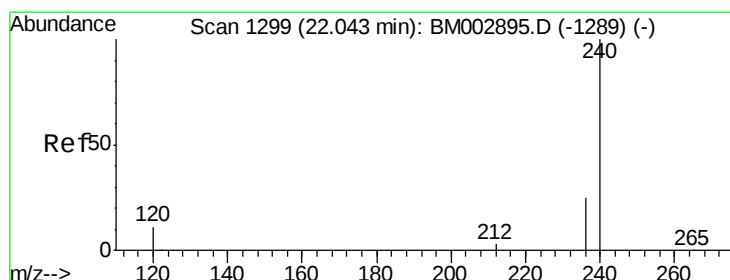
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

17.66



Time-->



#24

Chrysene-d12

Concen: 5.00 ng

RT: 22.04 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

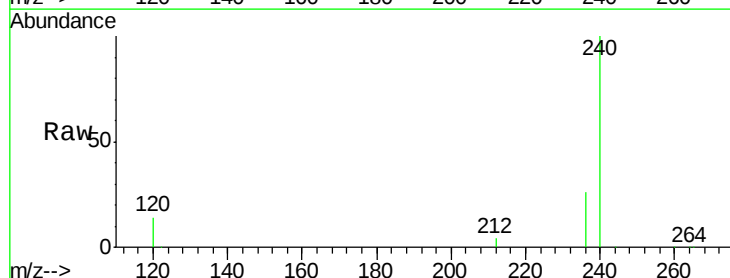
Tgt Ion:240 Resp: 439067

Ion Ratio Lower Upper

240 100

120 14.1 10.4 15.6

236 26.3 22.0 33.0

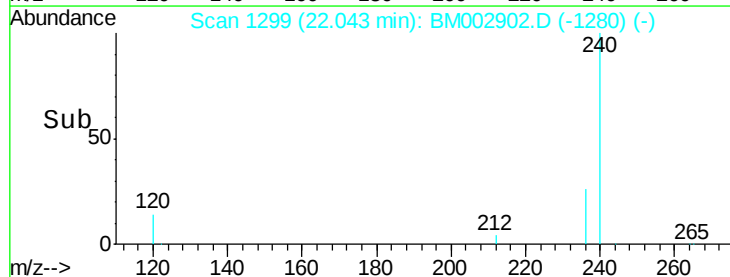


Abundance Ion 240.00 (239.70 to 240.70): E

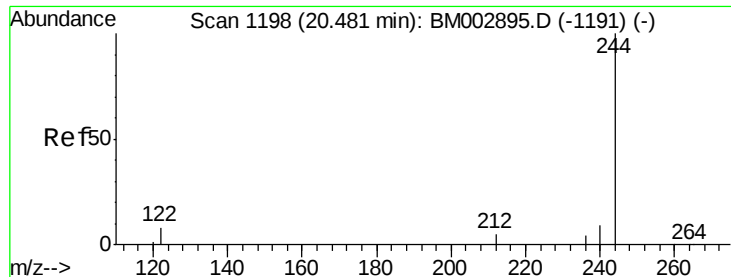
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.04



Time-->



#25

Terphenyl-d14

Concen: 3.68 ng

RT: 20.48 min Scan# 1198

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

Instrument :

BNA_M

ClientSampleId :

PB85740BL

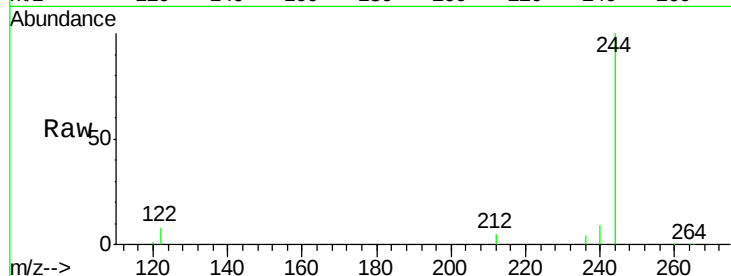
Tot Ion:244 Resp: 245548

Ion Ratio Lower Upper

244 100

212 8.3 7.3 10.9

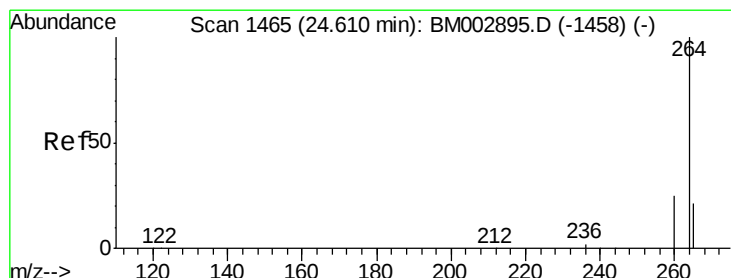
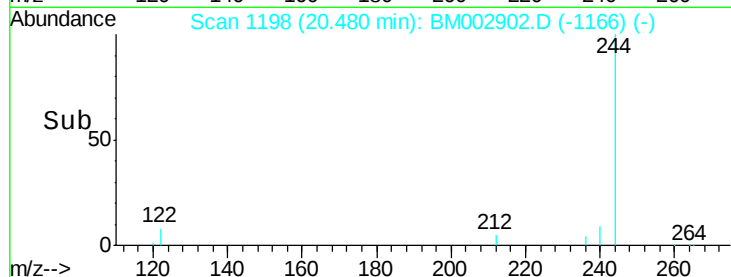
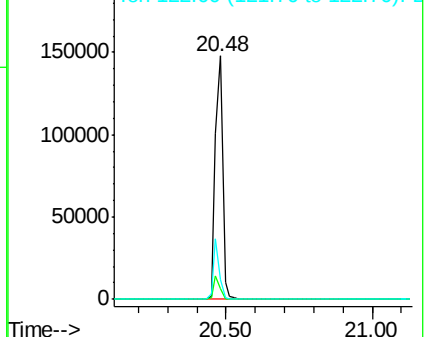
122 19.9 14.8 22.2



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



#26

Perylene-d12

Concen: 5.00 ng

RT: 24.61 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BM002902.D

Acq: 14 Oct 2015 18:16

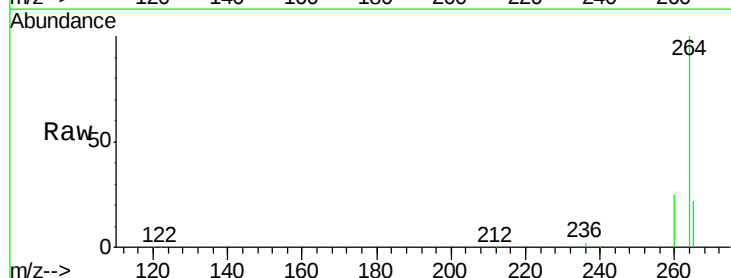
Tgt Ion:264 Resp: 421434

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 21.9 17.4 26.2



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

