

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024648.D
 Acq On : 29 Jan 2020 13:53
 Operator : CG/JU
 Sample : L1256-01RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 02:54:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	301054	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1072016	20.00	ng	0.00
39) Acenaphthene-d10	14.09	164	695650	20.00	ng	0.00
64) Phenanthrene-d10	16.84	188	1346767	20.00	ng	0.00
76) Chrysene-d12	21.05	240	1359151	20.00	ng	0.00
87) Perylene-d12	23.17	264	1554545	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	434120	27.42	ng	0.00
7) Phenol-d6	6.64	99	310760	14.25	ng	0.00
23) Nitrobenzene-d5	8.58	82	1377888	63.03	ng	0.00
42) 2,4,6-Tribromophenol	15.59	330	670211	59.23	ng	0.00
45) 2-Fluorobiphenyl	12.70	172	3557913	69.53	ng	0.00
79) Terphenyl-d14	19.50	244	5054687	69.43	ng	0.00

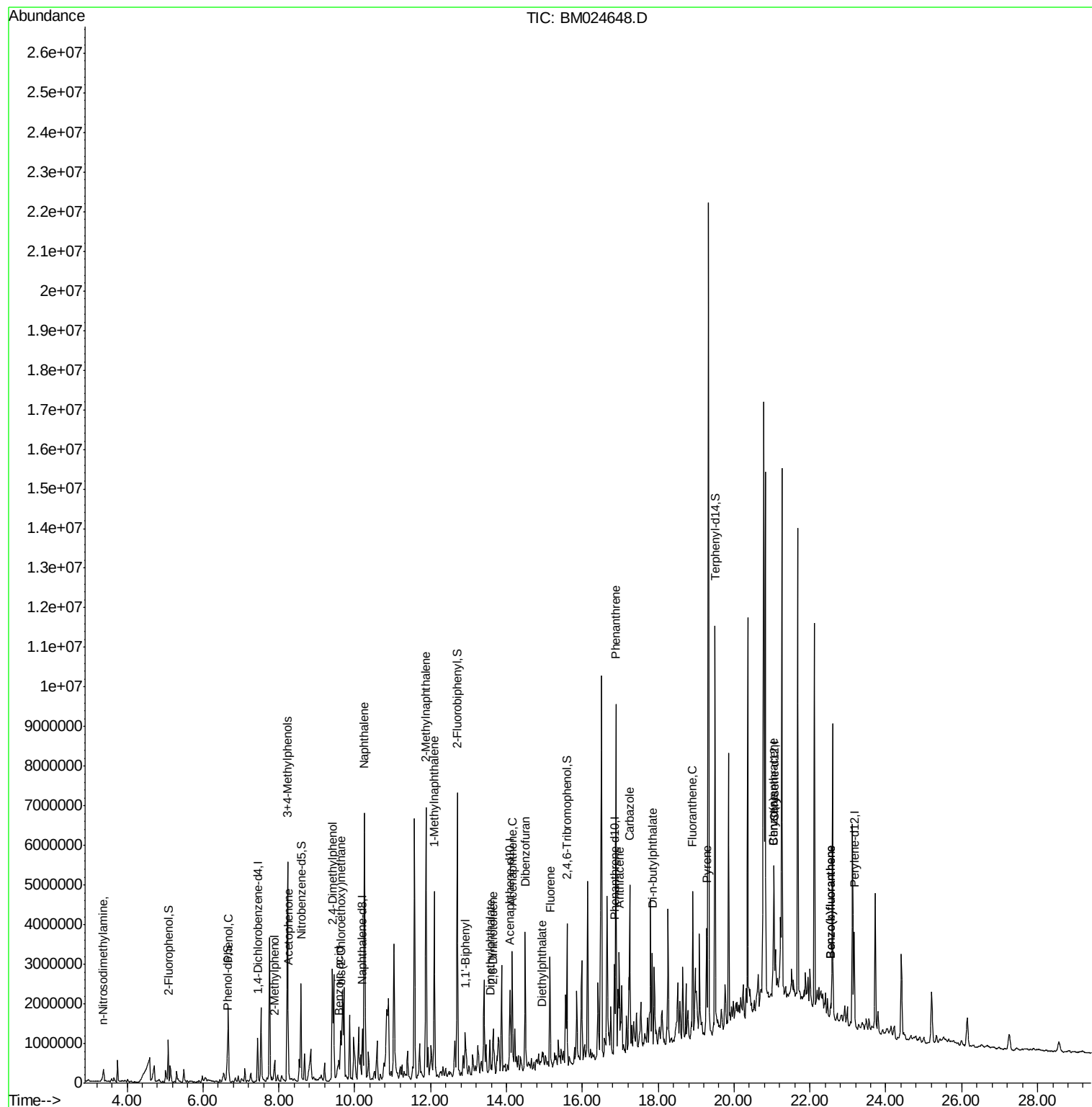
Target Compounds				Qvalue		
4) n-Nitrosodimethylamine	3.38	42	31234	3.876	ng	# 1
10) Phenol	6.67	94	1032061	47.478	ng	94
17) 2-Methylphenol	7.89	107	159807	10.432	ng	96
20) 3+4-Methylphenols	8.23	107	2538956	119.734	ng	97
22) Acetophenone	8.25	105	219045	7.924	ng	# 94
27) 2,4-Dimethylphenol	9.41	122	869756	65.985	ng	95
28) bis(2-Chloroethoxy)methane	9.63	93	53361	2.352	ng	# 1
31) Naphthalene	10.25	128	5339336	98.612	ng	100
32) Benzoic acid	9.59	122	314439	26.078	ng	94
37) 2-Methylnaphthalene	11.88	142	3490061	83.525	ng	98
38) 1-Methylnaphthalene	12.10	142	2173612	54.687	ng	100
46) 1,1'-Biophenyl	12.92	154	570767	10.842	ng	99
50) Dimethylphthalate	13.56	163	562122	9.993	ng	99
51) 2,6-Dinitrotoluene	13.65	165	58288	4.874	ng	90
52) Acenaphthene	14.16	154	1136427	28.785	ng	99
55) Dibenzofuran	14.49	168	2177935	33.825	ng	96
58) Fluorene	15.15	166	1244653	23.002	ng	98
60) Diethylphthalate	14.95	149	214702	3.760	ng	95
71) Phenanthrene	16.89	178	4854248	66.561	ng	99
72) Anthracene	16.97	178	1132298	15.867	ng	98
73) Carbazole	17.25	167	2656923	40.900	ng	99
74) Di-n-butylphthalate	17.84	149	1434990	17.279	ng	99
75) Fluoranthene	18.91	202	2303845	25.310	ng	99
78) Pyrene	19.27	202	1629949	18.191	ng	99
81) Benzo(a)anthracene	21.04	228	409379	4.340	ng	96
83) Chrysene	21.04	228	405068	4.500	ng	97
88) Benzo(b)fluoranthene	22.54	252	328159	3.255	ng	# 89
89) Benzo(k)fluoranthene	22.54	252	325513	3.308	ng	# 88

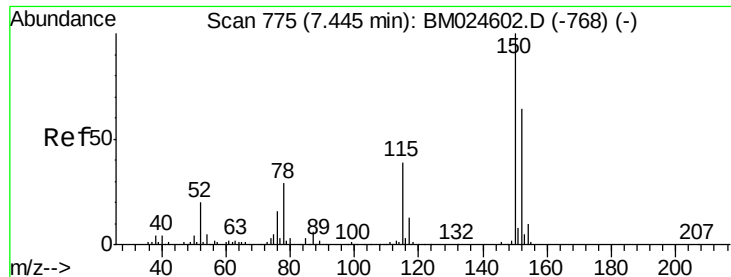
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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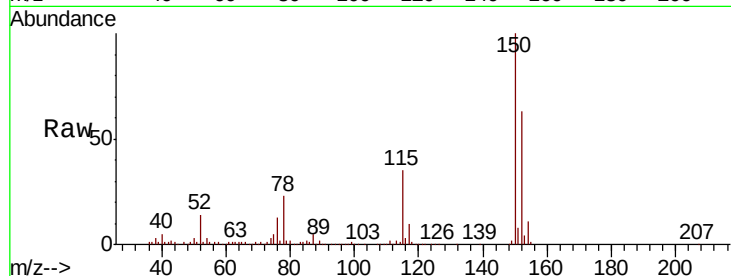


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM024648.D
Acq: 29 Jan 2020 13:53

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.2	186.4
115	55.4	48.6	72.8

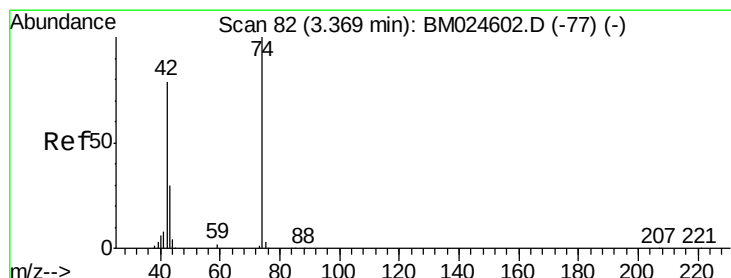
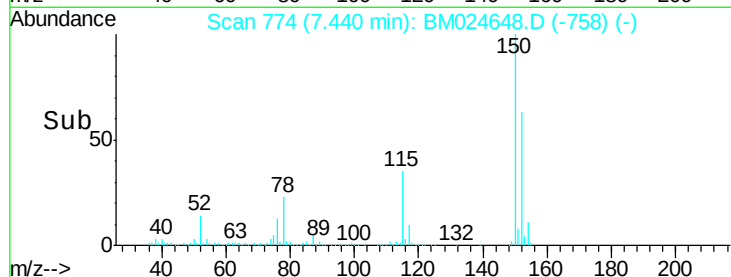
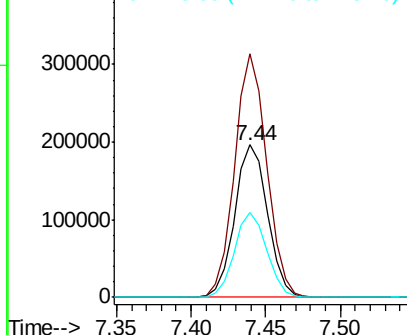


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

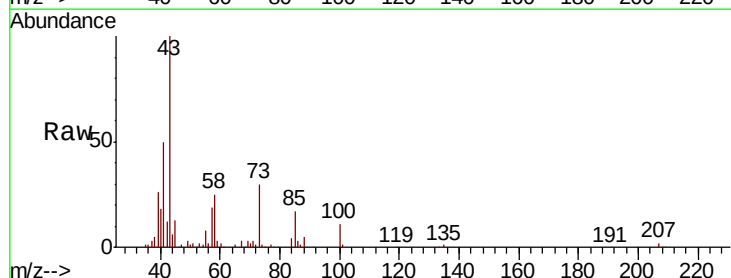
Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine
Concen: 3.876 ng
RT: 3.38 min Scan# 83
Delta R.T. 0.01 min
Lab File: BM024648.D
Acq: 29 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	9.7	101.4	152.2#
44	50.2	4.6	6.8#

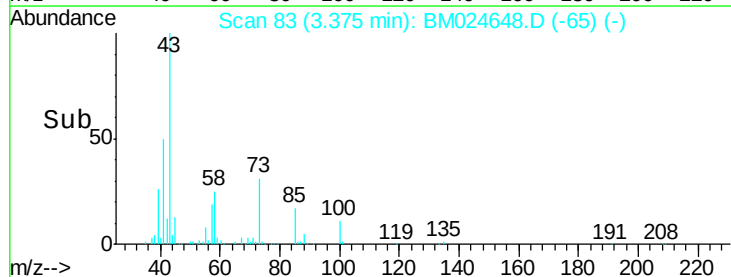
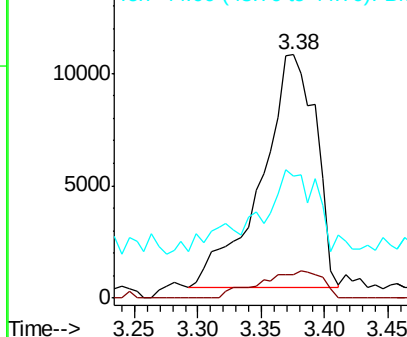


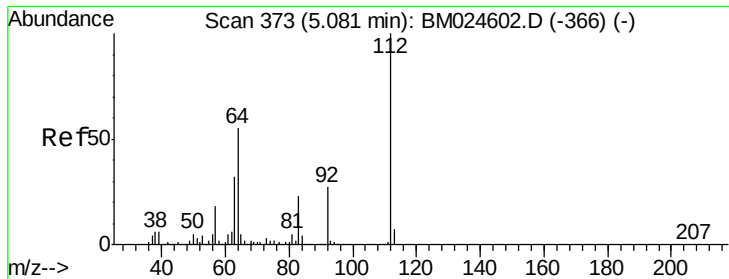
Abundance

Ion 42.00 (41.70 to 42.70): BM0

Ion 74.00 (73.70 to 74.70): BM0

Ion 44.00 (43.70 to 44.70): BM0





#5

2-Fluorophenol

Concen: 27.423 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Instrument :

BNA_M

ClientSampleId :

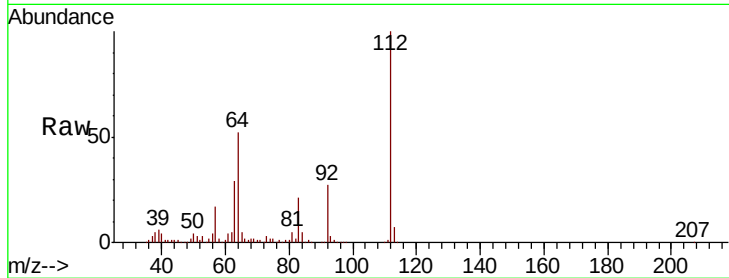
Tot Ion:112 Resp: 434120

Ion Ratio Lower Upper

112 100

64 52.4 44.2 66.4

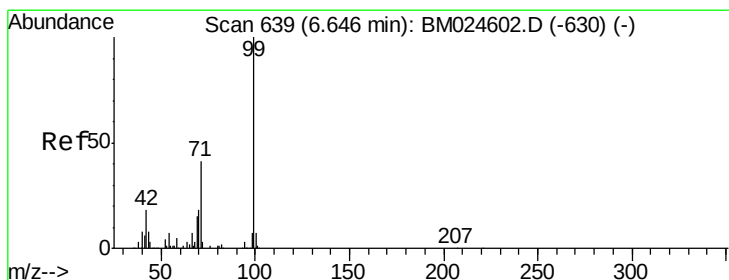
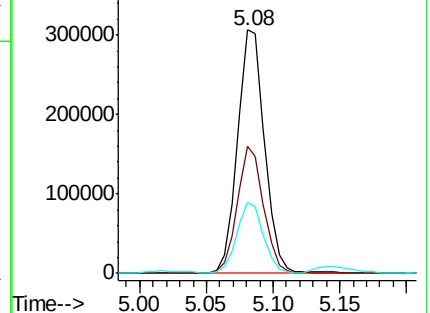
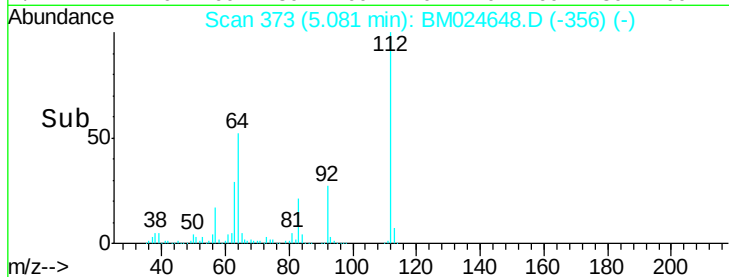
63 29.0 25.9 38.9



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: 14.250 ng

RT: 6.64 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

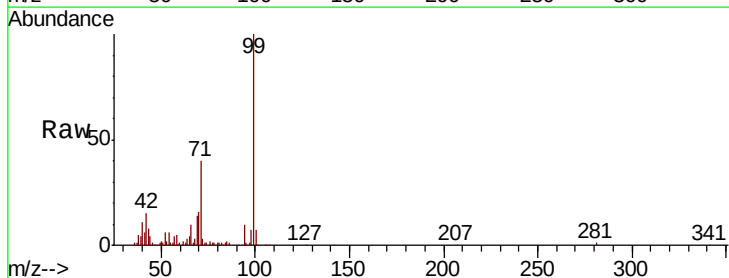
Tgt Ion: 99 Resp: 310760

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

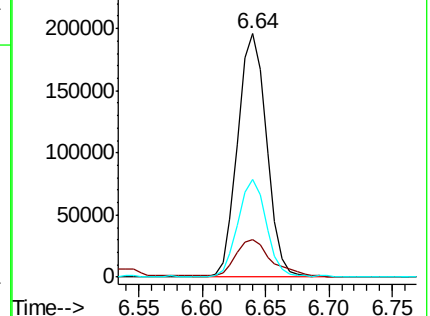
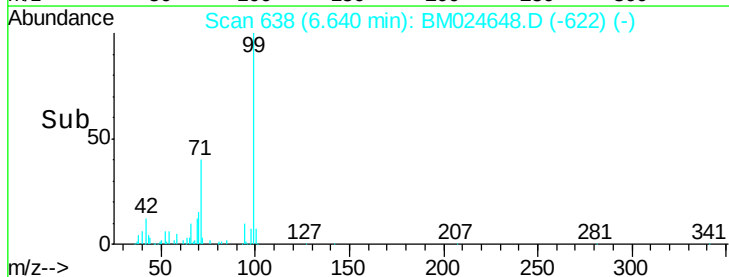
71 39.9 33.0 49.6

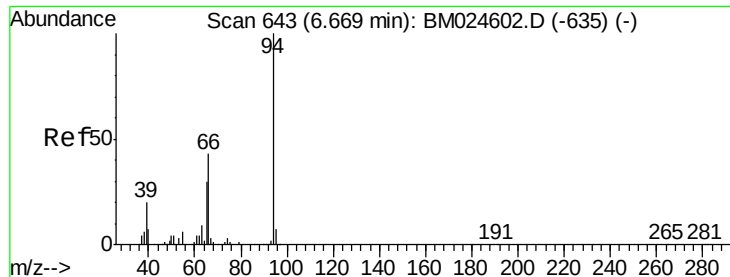


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#10

Phenol

Concen: 47.478 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

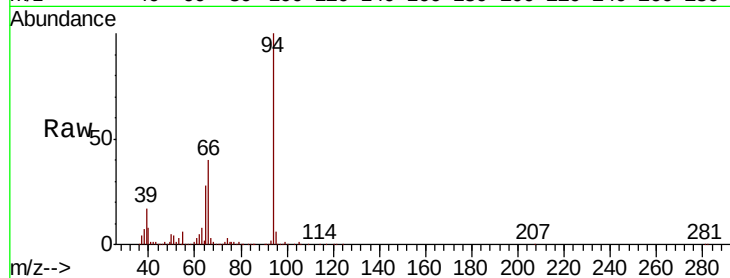
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 1032061

Ion	Ratio	Lower	Upper
94	100		
65	27.8	10.3	50.3
66	40.0	24.8	64.8

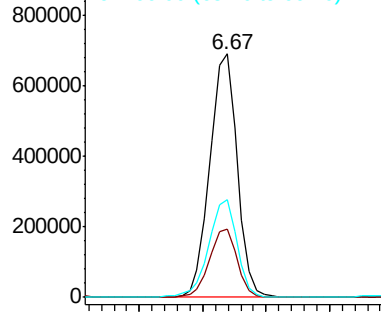


Abundance

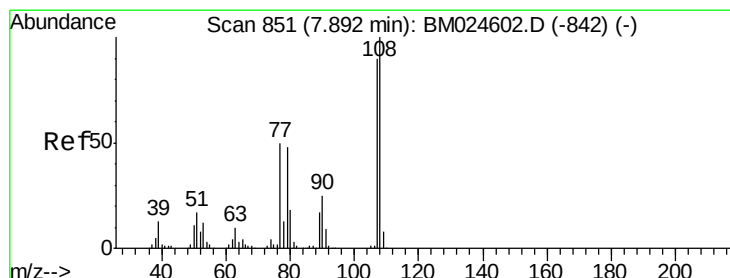
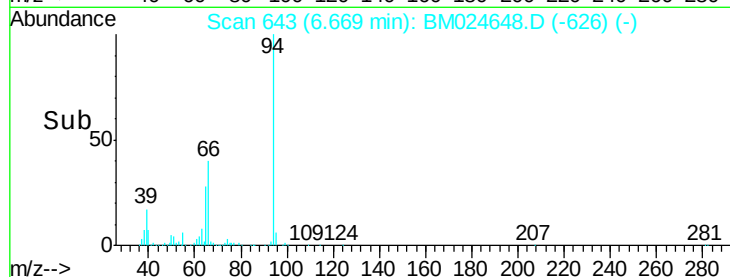
Ion 94.00 (93.70 to 94.70): BM0

Ion 65.00 (64.70 to 65.70): BM0

Ion 66.00 (65.70 to 66.70): BM0



Time-->



#17

2-Methylphenol

Concen: 10.432 ng

RT: 7.89 min Scan# 851

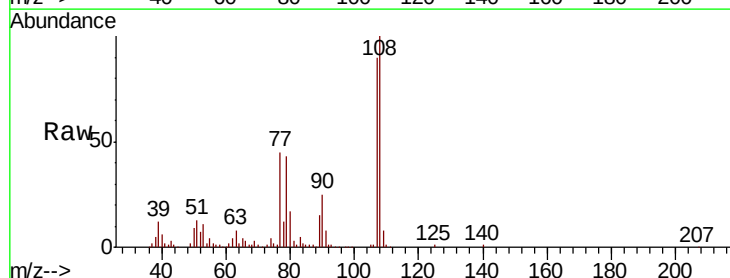
Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Tgt Ion: 107 Resp: 159807

Ion	Ratio	Lower	Upper
107	100		
108	110.8	88.9	133.3
77	49.4	44.5	66.7
79	47.9	42.9	64.3



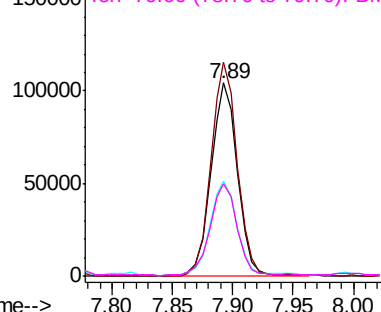
Abundance

Ion 107.00 (106.70 to 107.70): E

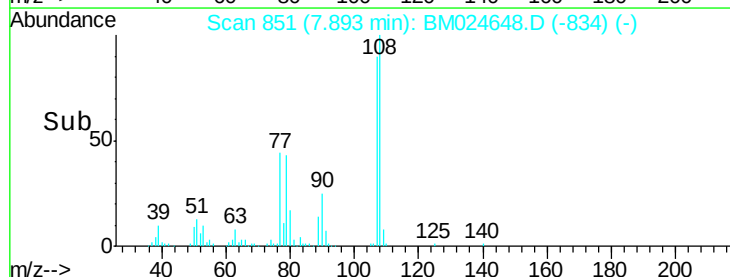
Ion 108.00 (107.70 to 108.70): E

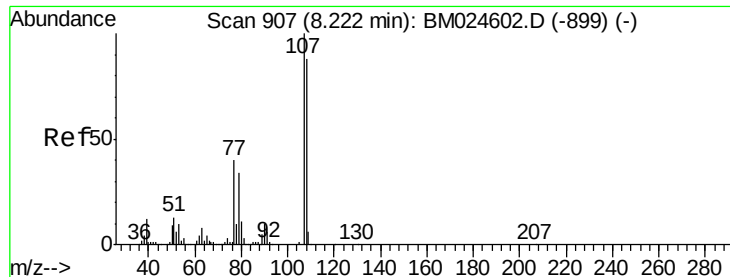
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



Time-->





#20

3+4-Methylphenols

Concen: 119.734 ng

RT: 8.23 min Scan# 908

Delta R.T. 0.01 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:107 Resp: 2538956

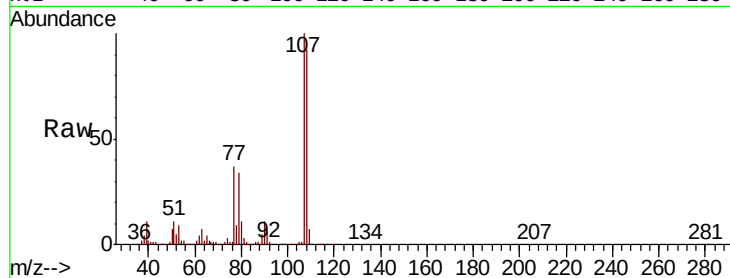
Ion Ratio Lower Upper

107 100

108 91.6 68.0 108.0

77 36.9 19.9 59.9

79 33.9 13.7 53.7

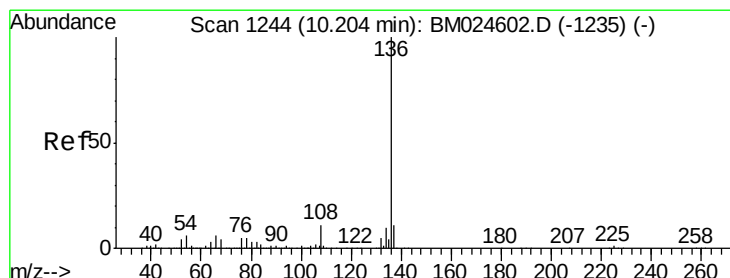
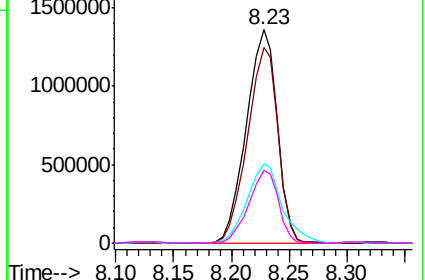
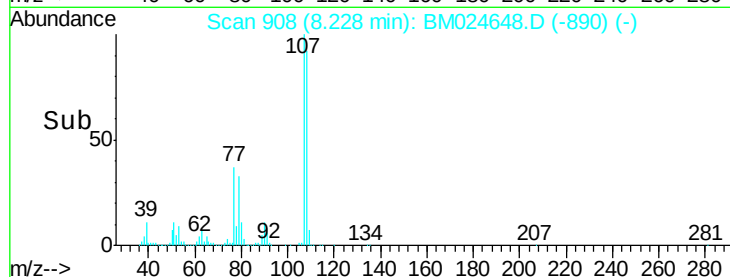


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Tgt Ion:136 Resp: 1072016

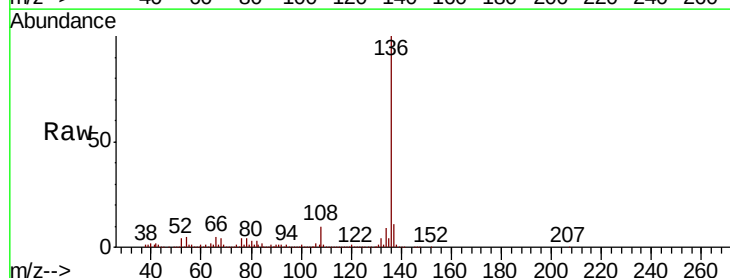
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 4.8 4.5 6.7

68 3.9 3.4 5.0

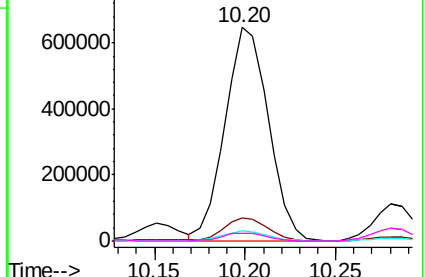
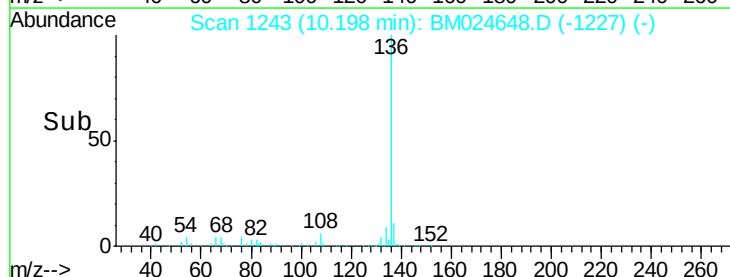


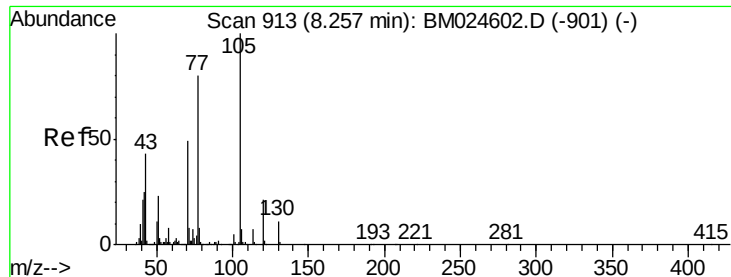
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 7.924 ng

RT: 8.25 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion:105 Resp: 219045

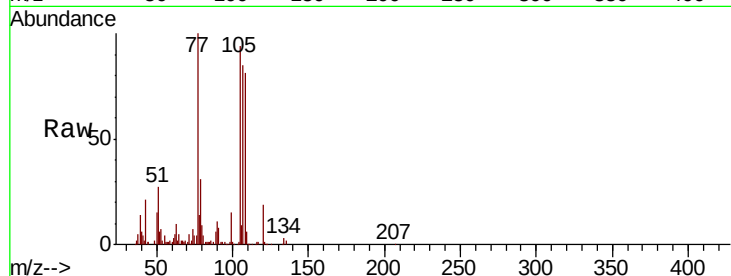
Ion Ratio Lower Upper

105 100

71 5.1 6.7 10.1#

51 28.1 18.5 27.7#

120 20.5 16.6 25.0

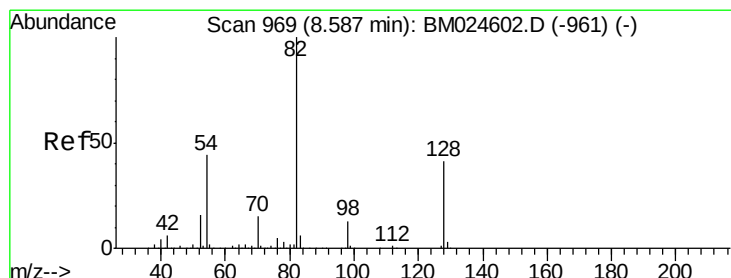
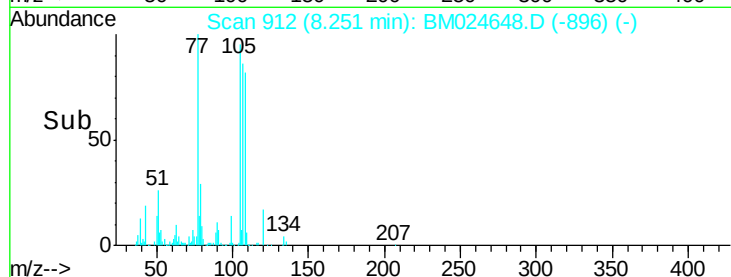
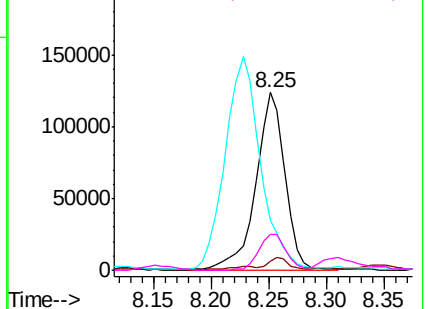


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 63.034 ng

RT: 8.58 min Scan# 968

Delta R.T. -0.01 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

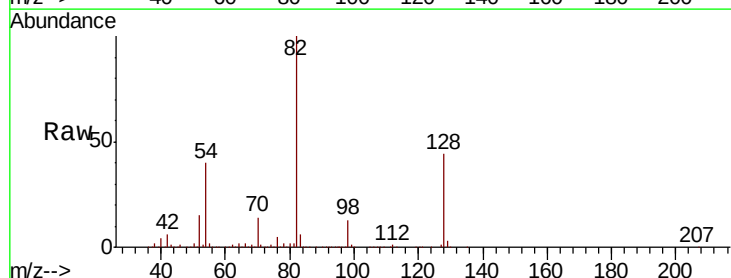
Tgt Ion: 82 Resp: 1377888

Ion Ratio Lower Upper

82 100

128 43.7 32.6 48.8

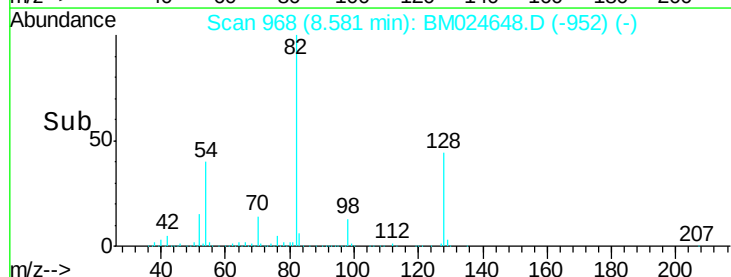
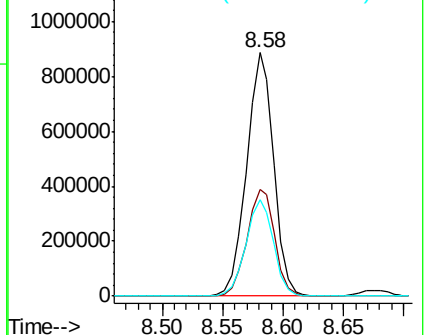
54 39.8 34.8 52.2

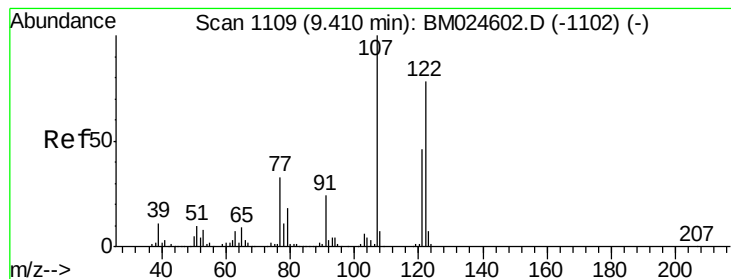


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#27

2,4-Dimethylphenol

Concen: 65.985 ng

RT: 9.41 min Scan# 1109

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Instrument :

BNA_M

ClientSampleId :

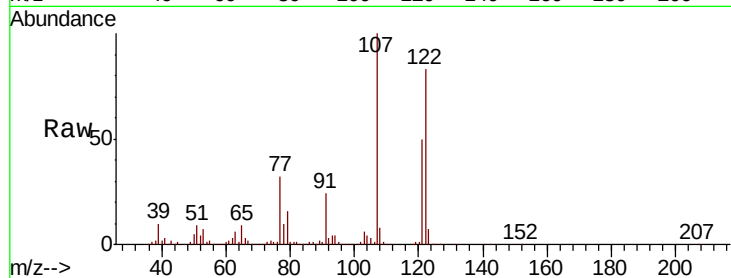
Tot Ion:122 Resp: 869756

Ion Ratio Lower Upper

122 100

107 120.9 102.5 153.7

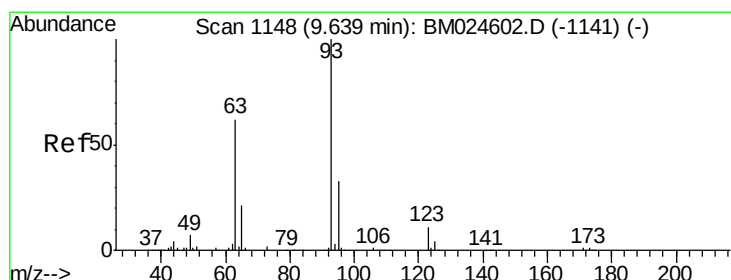
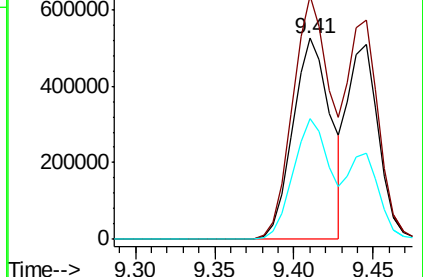
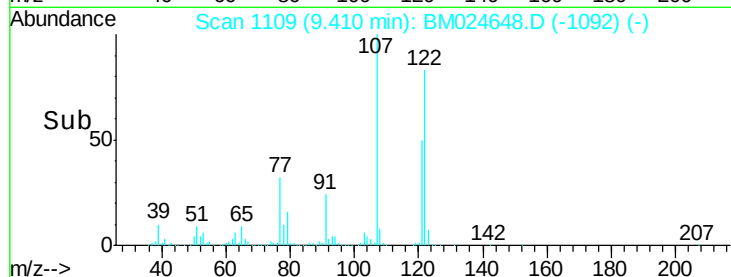
121 60.2 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.352 ng

RT: 9.63 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

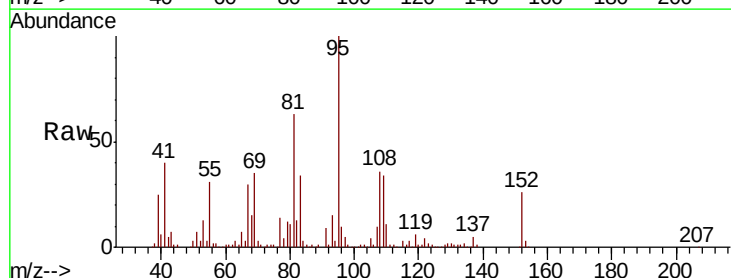
Tgt Ion: 93 Resp: 53361

Ion Ratio Lower Upper

93 100

95 681.3 26.1 39.1#

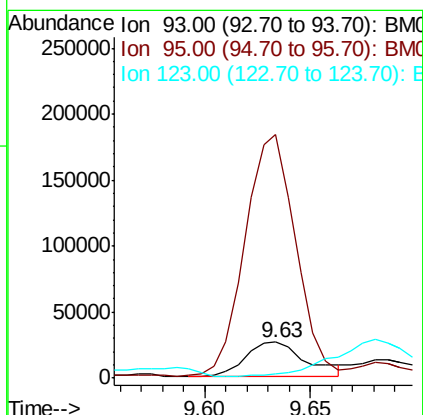
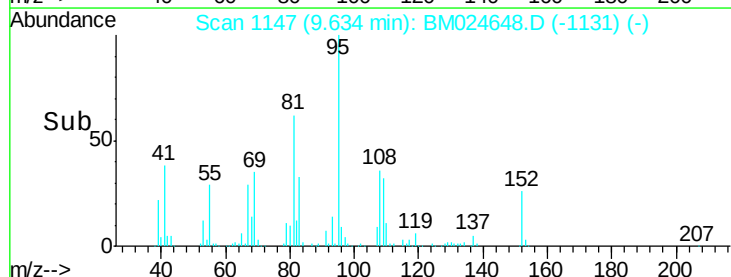
123 10.4 8.7 13.1

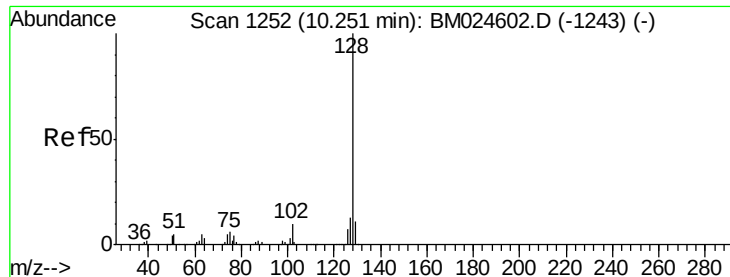


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

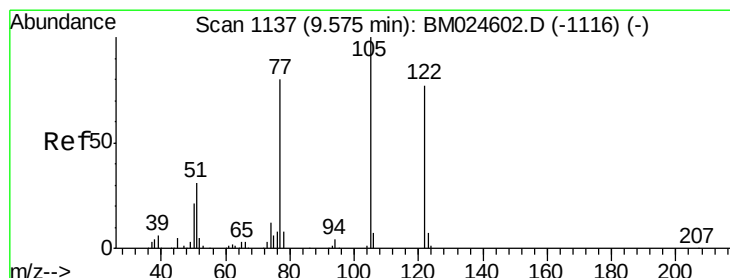
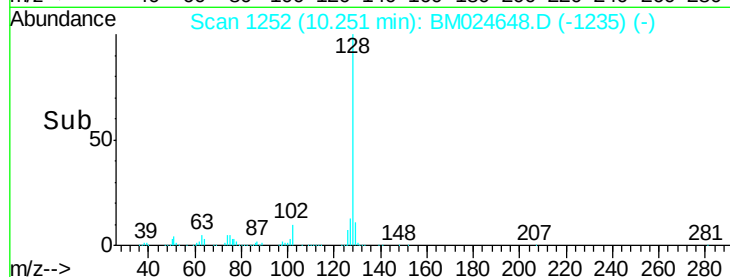
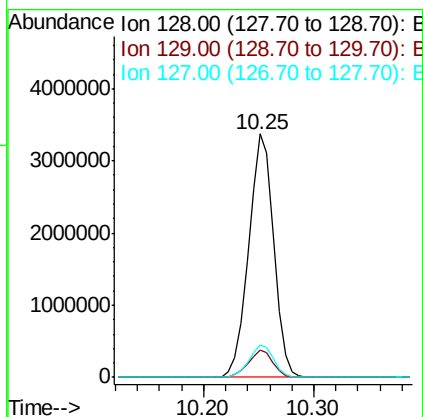
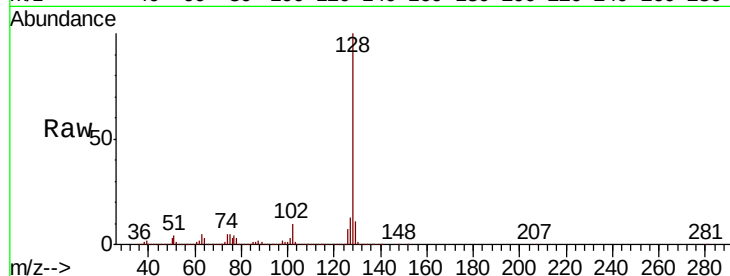




#31
Naphthalene
Concen: 98.612 ng
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024648.D
Acq: 29 Jan 2020 13:53

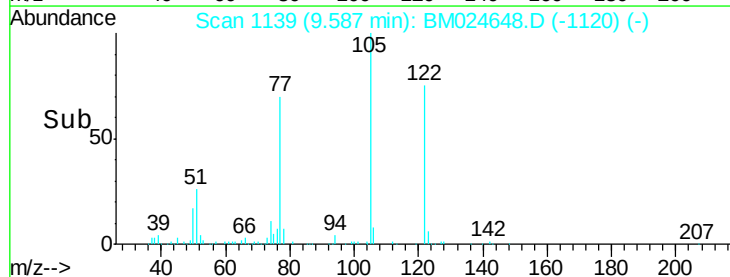
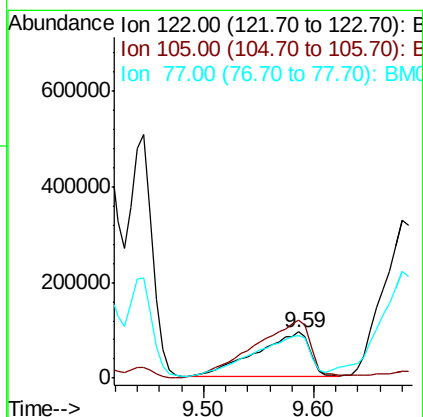
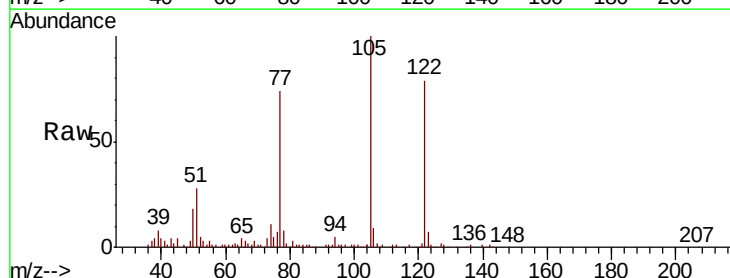
Instrument :
BNA_M
ClientSampleId :

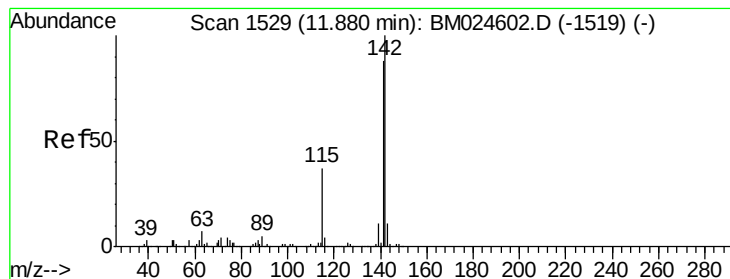
Tot Ion:128 Resp: 5339336
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 26.078 ng
RT: 9.59 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BM024648.D
Acq: 29 Jan 2020 13:53

Tgt Ion:122 Resp: 314439
Ion Ratio Lower Upper
122 100
105 125.9 107.7 147.7
77 92.8 83.8 123.8





#37

2-Methylnaphthalene

Concen: 83.525 ng

RT: 11.88 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Instrument :

BNA_M

ClientSampleId :

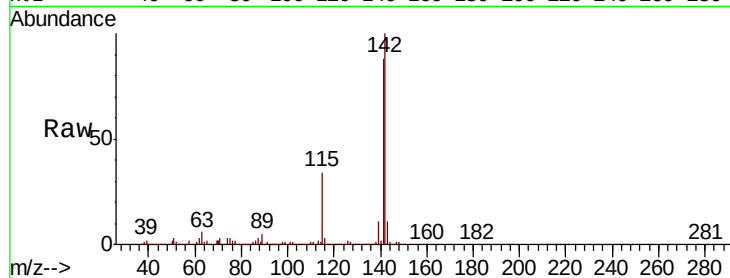
Tot Ion:142 Resp: 3490061

Ion Ratio Lower Upper

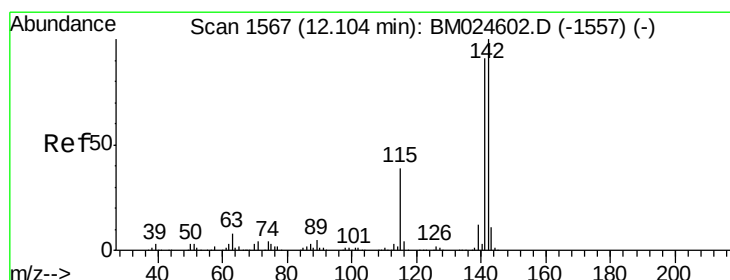
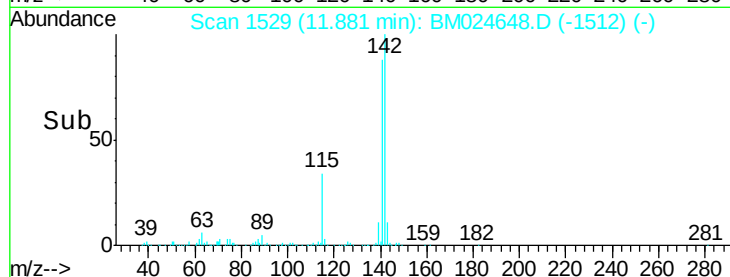
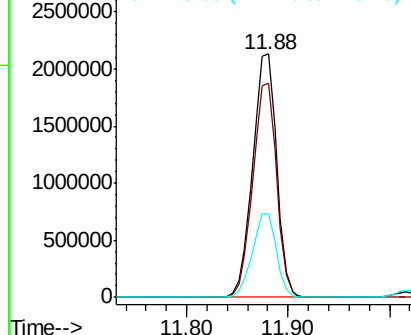
142 100

141 88.0 70.2 105.2

115 34.1 29.7 44.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 54.687 ng

RT: 12.10 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

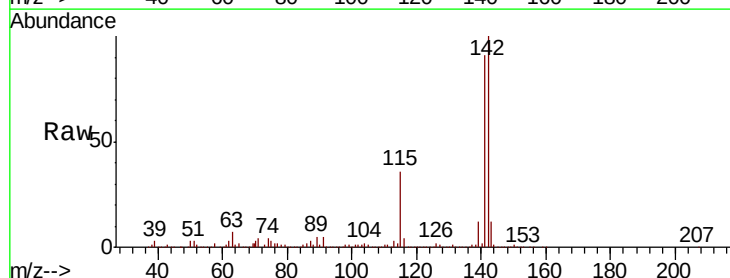
Tgt Ion:142 Resp: 2173612

Ion Ratio Lower Upper

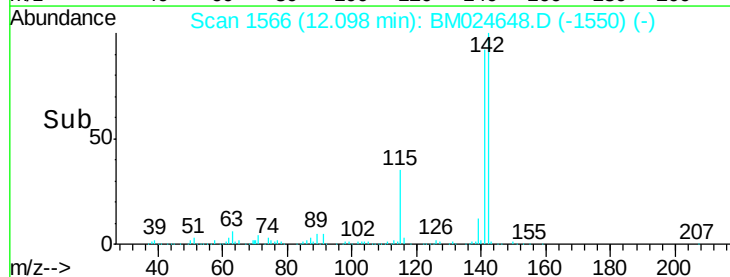
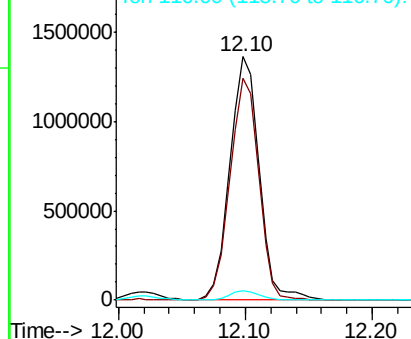
142 100

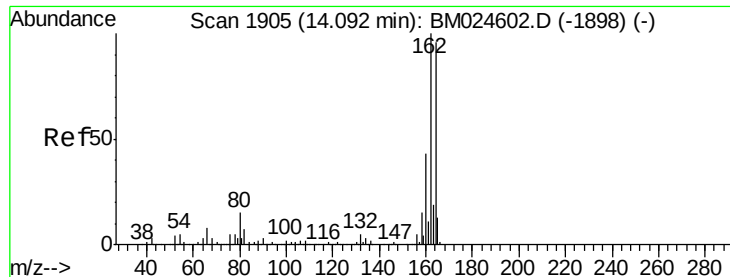
141 90.9 72.8 109.2

116 3.9 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

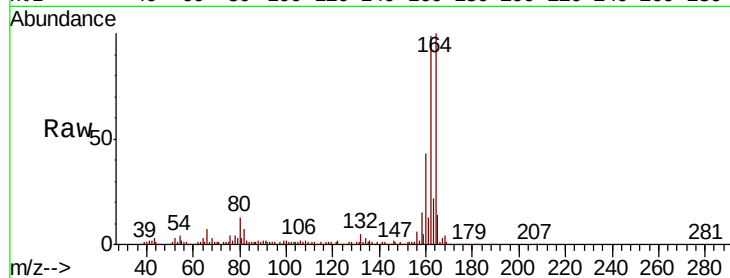
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 695650

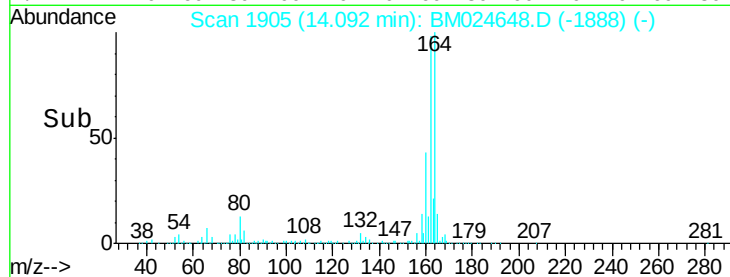
Ion	Ratio	Lower	Upper
164	100		
162	98.9	82.9	124.3
160	42.8	35.5	53.3



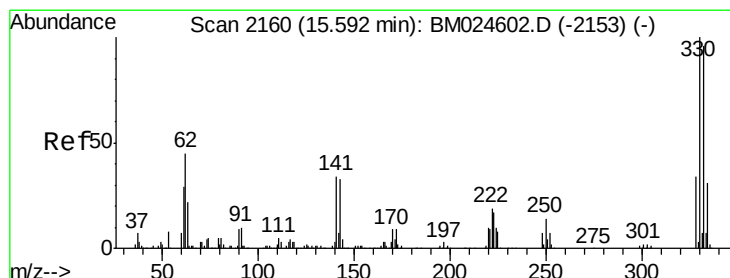
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 14.00 14.10



#42

2,4,6-Tribromophenol

Concen: 59.228 ng

RT: 15.59 min Scan# 2160

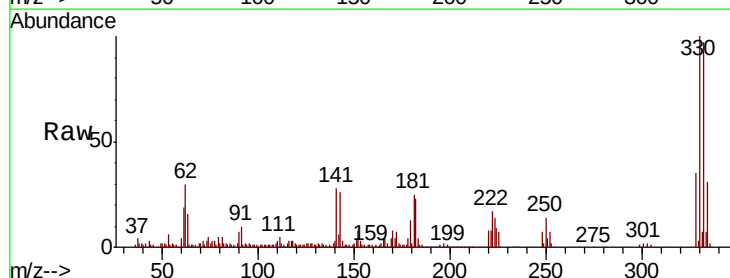
Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Tgt Ion:330 Resp: 670211

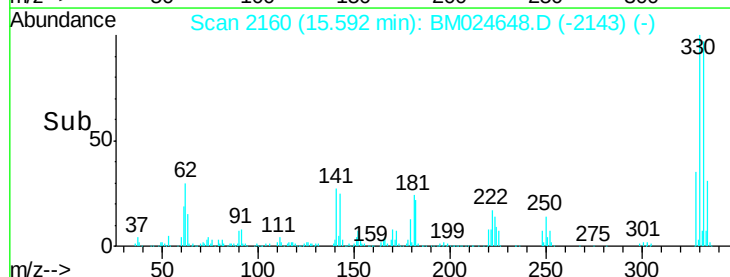
Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	24.9	26.9	40.3



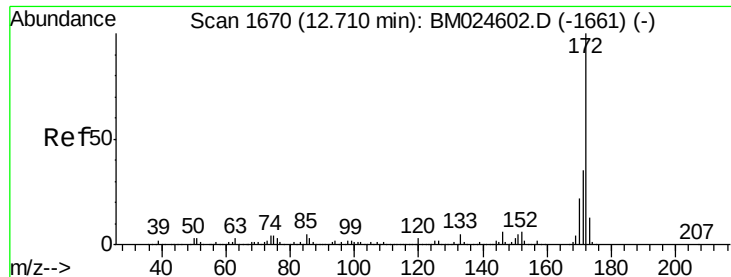
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time--> 15.50 15.60 15.70

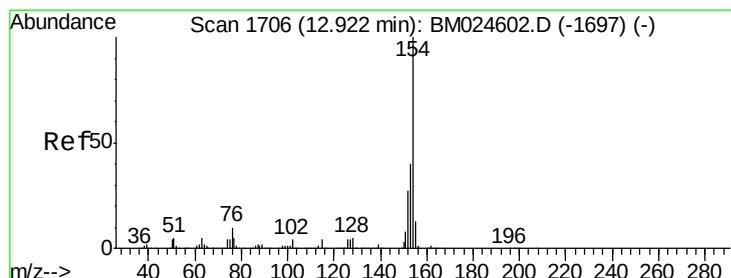
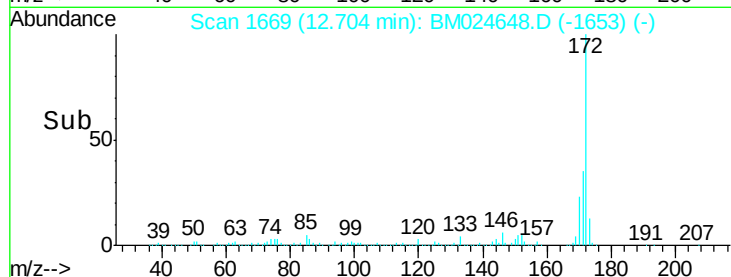
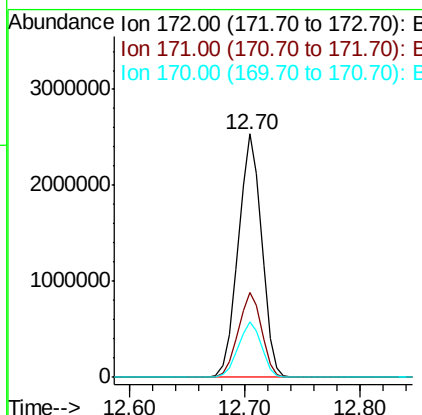
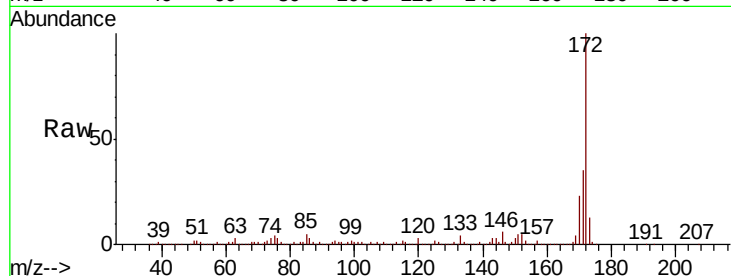


#45
 2-Fluorobiphenyl
 Concen: 69.532 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM024648.D
 Acq: 29 Jan 2020 13:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 3557913

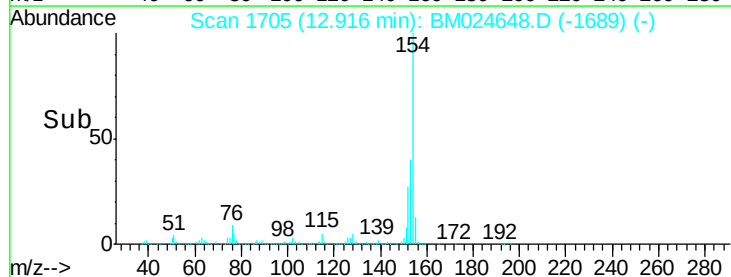
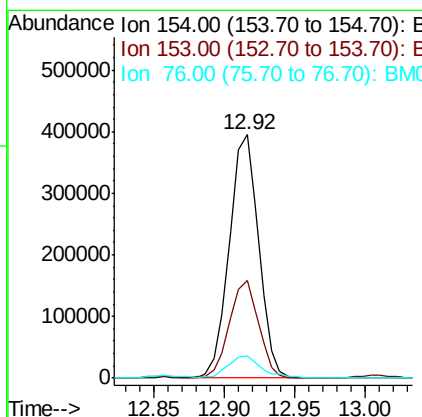
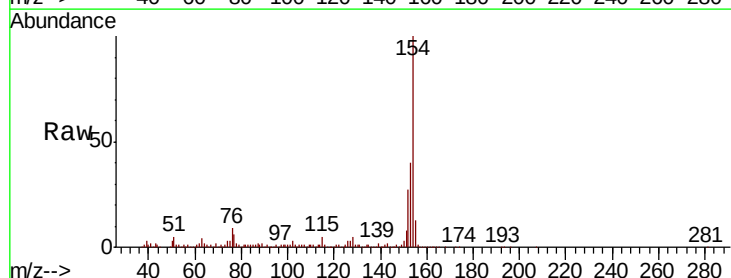
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.3	42.5
170	22.7	17.9	26.9

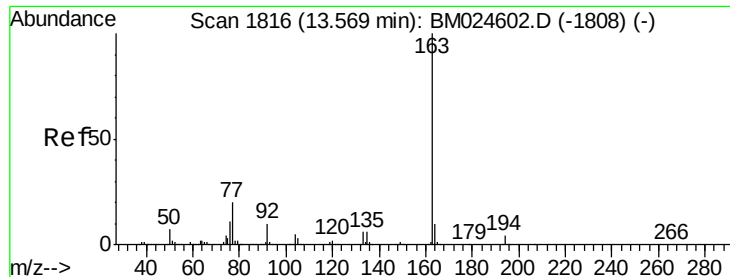


#46
 1,1'-Biphenyl
 Concen: 10.842 ng
 RT: 12.92 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BM024648.D
 Acq: 29 Jan 2020 13:53

Tgt Ion:154 Resp: 570767

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.3	60.3
76	9.1	0.0	30.5





#50

Dimethylphthalate

Concen: 9.993 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Instrument :

BNA_M

ClientSampleId :

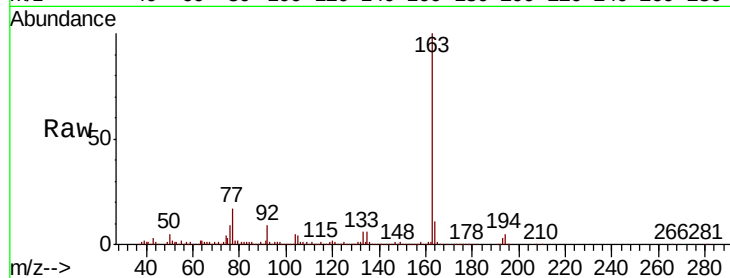
Tot Ion:163 Resp: 562122

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

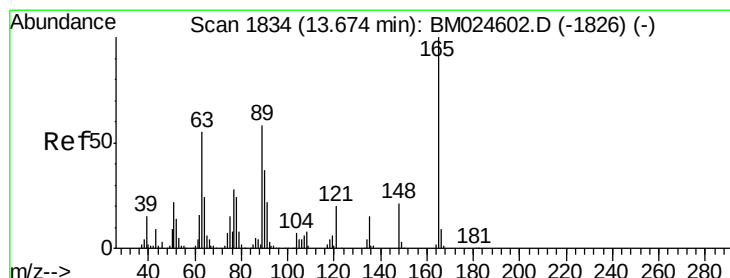
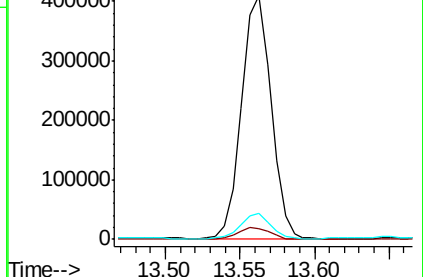
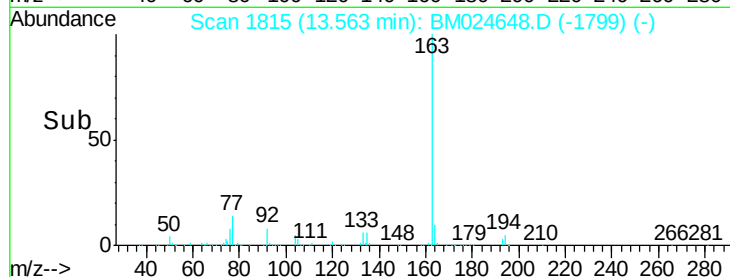
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 4.874 ng

RT: 13.65 min Scan# 1829

Delta R.T. -0.03 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

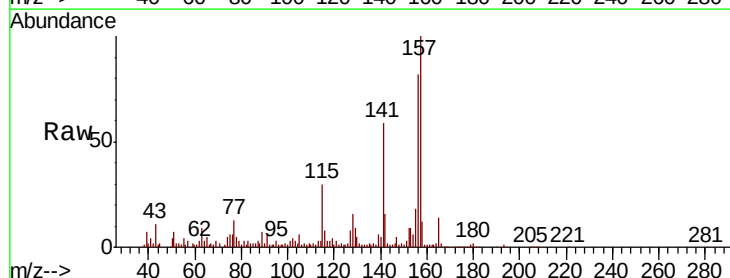
Tgt Ion:165 Resp: 58288

Ion Ratio Lower Upper

165 100

63 65.9 45.4 68.0

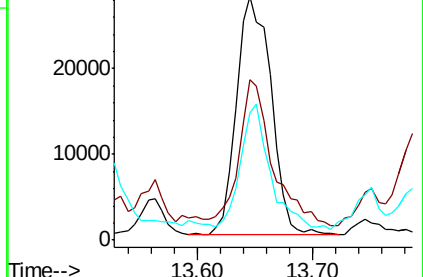
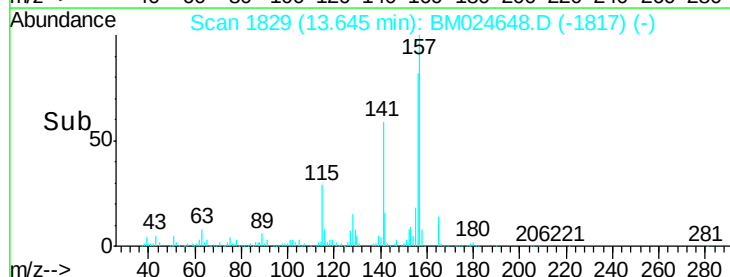
89 52.4 46.6 69.8

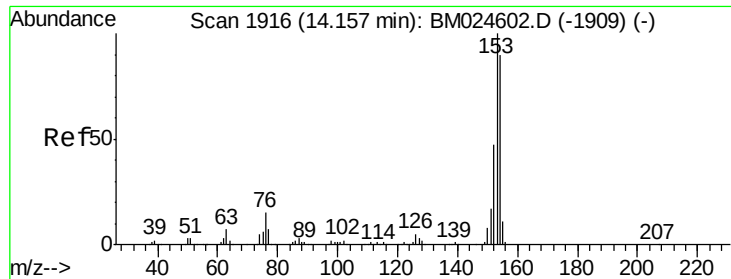


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#52

Acenaphthene

Concen: 28.785 ng

RT: 14.16 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

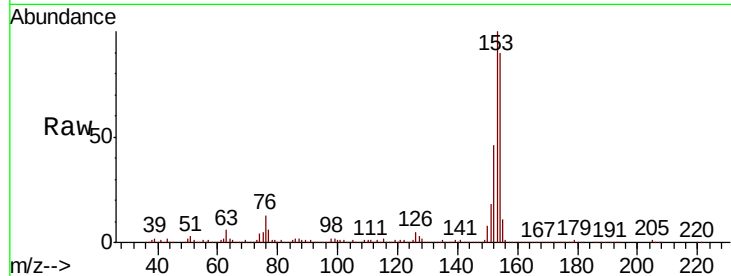
Instrument :

BNA_M

ClientSampled :

Tot Ion:154 Resp: 1136427

Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.1	133.7
152	51.3	41.9	62.9

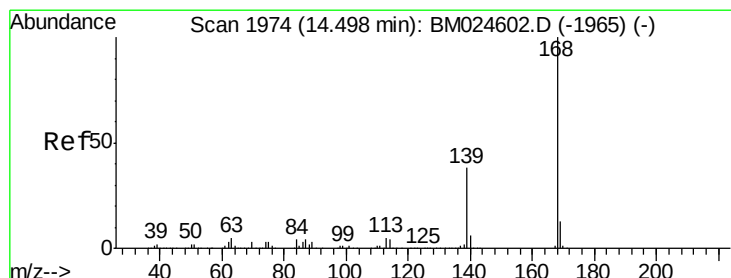
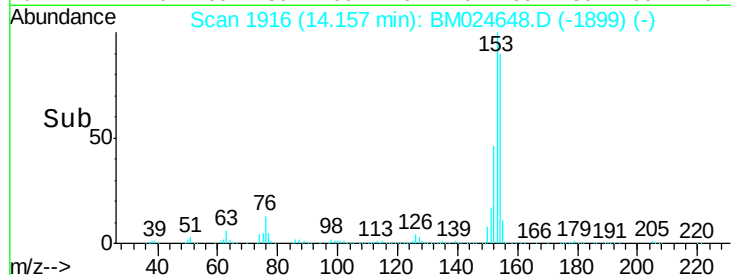
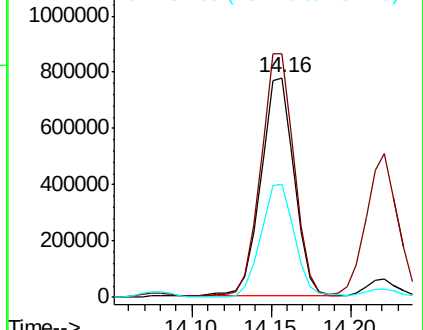


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 33.825 ng

RT: 14.49 min Scan# 1973

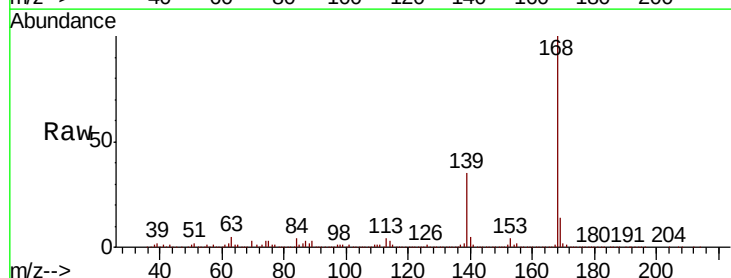
Delta R.T. -0.01 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Tgt Ion:168 Resp: 2177935

Ion	Ratio	Lower	Upper
168	100		
139	34.9	30.2	45.4
169	13.6	10.7	16.1

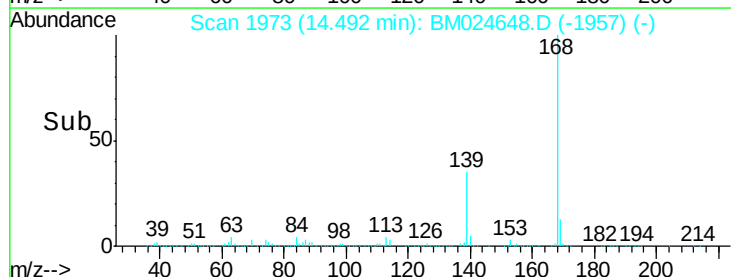
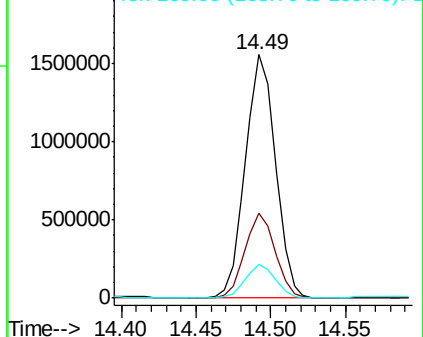


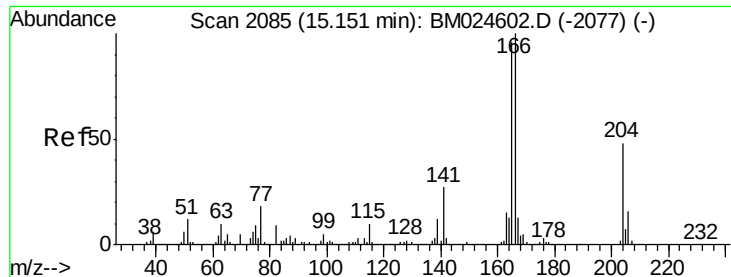
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

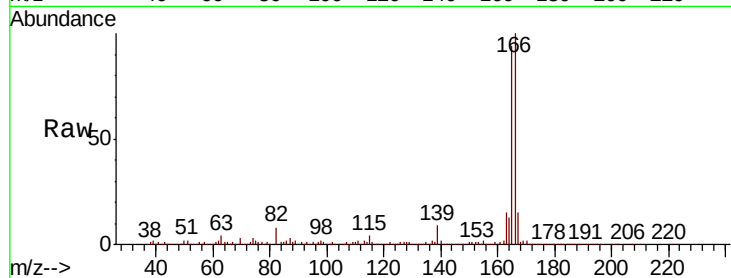




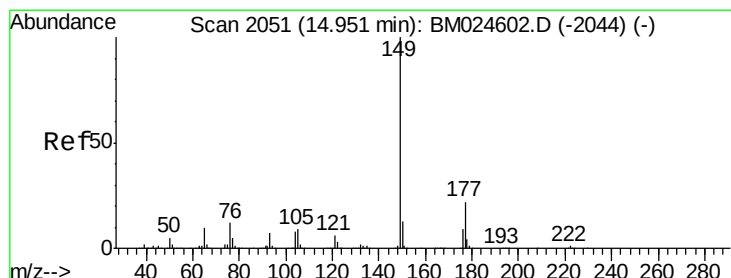
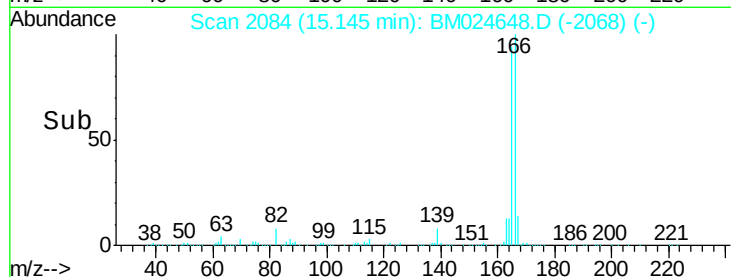
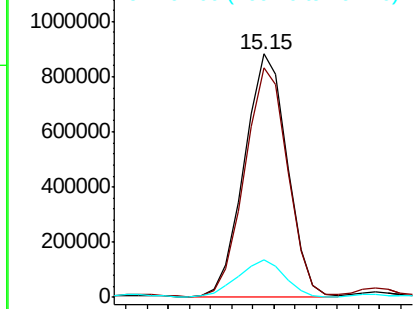
#58
 Fluorene
 Concen: 23.002 ng
 RT: 15.15 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM024648.D
 Acq: 29 Jan 2020 13:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:166 Resp: 1244653
 Ion Ratio Lower Upper
 166 100
 165 94.2 76.6 114.8
 167 15.2 10.8 16.2

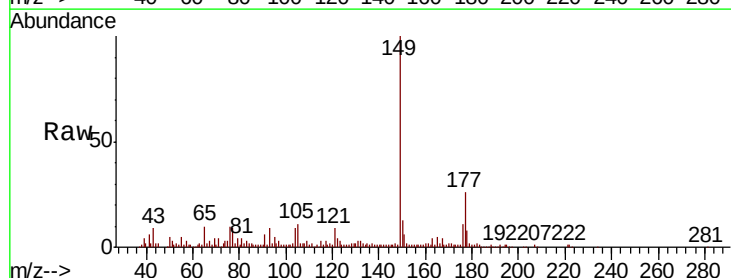


Abundance Ion 166.00 (165.70 to 166.70): E
 1200000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

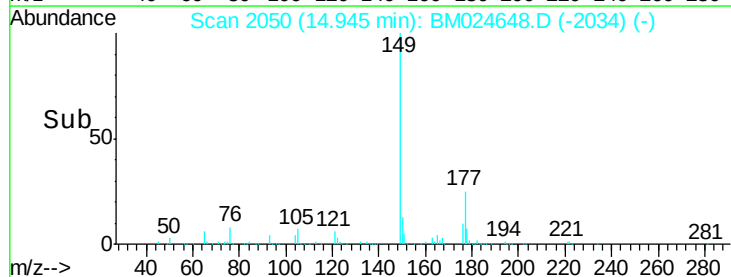
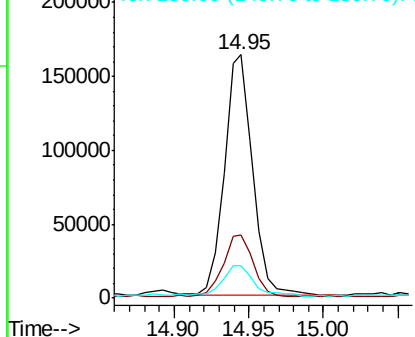


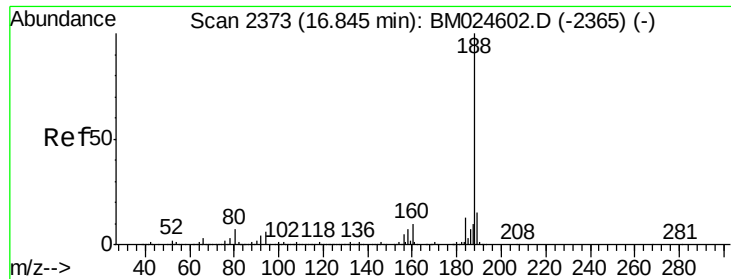
#60
 Diethylphthalate
 Concen: 3.760 ng
 RT: 14.95 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM024648.D
 Acq: 29 Jan 2020 13:53

Tgt Ion:149 Resp: 214702
 Ion Ratio Lower Upper
 149 100
 177 25.8 18.0 27.0
 150 13.4 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 200000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2373

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Instrument :

BNA_M

ClientSampleId :

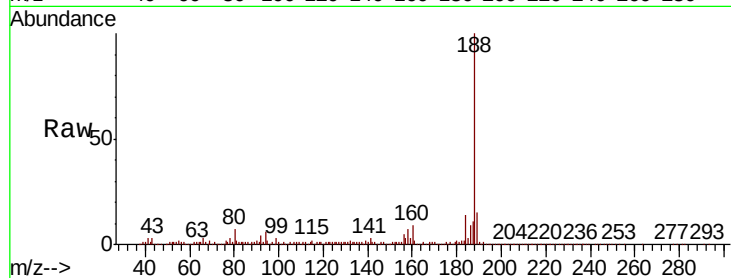
Tot Ion:188 Resp: 1346767

Ion	Ratio	Lower	Upper
188	100		
94	6.2	5.0	7.6
80	6.5	5.8	8.8

188 100

94 6.2 5.0 7.6

80 6.5 5.8 8.8

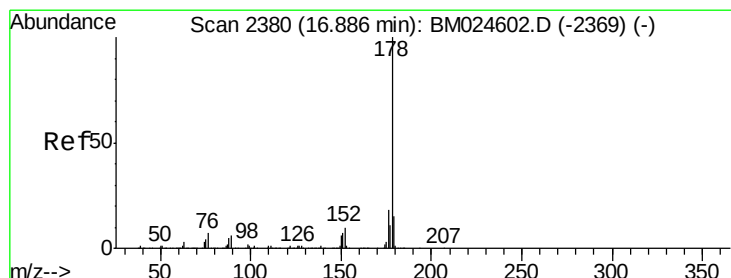
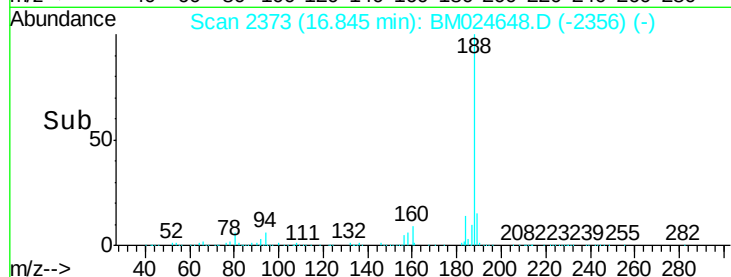
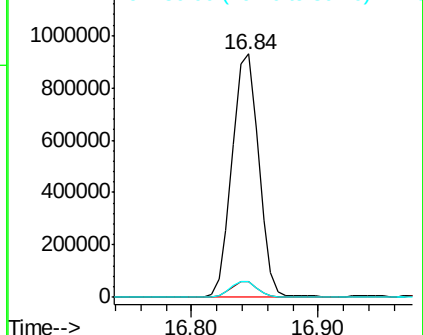


Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#71

Phenanthrene

Concen: 66.561 ng

RT: 16.89 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

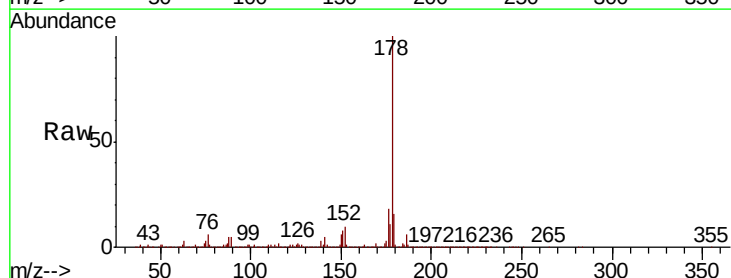
Tgt Ion:178 Resp: 4854248

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.5	11.9	17.9

178 100

176 18.5 14.5 21.7

179 15.5 11.9 17.9

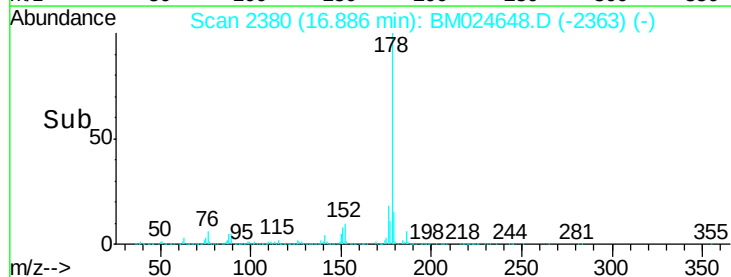
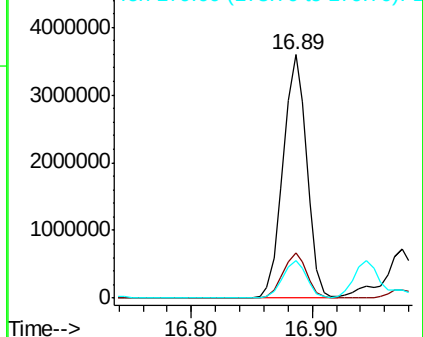


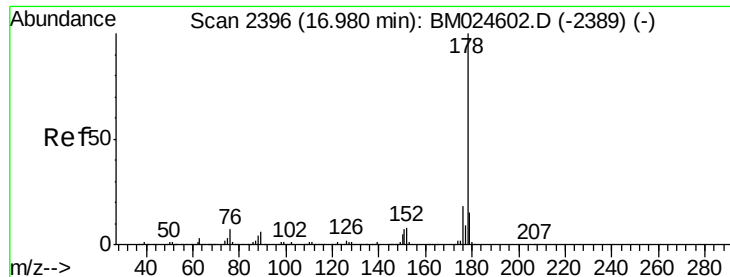
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 15.867 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Instrument :

BNA_M

ClientSampleId :

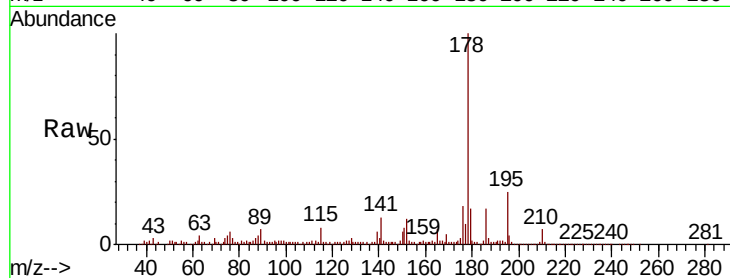
Tot Ion:178 Resp: 1132298

Ion Ratio Lower Upper

178 100

176 17.8 14.3 21.5

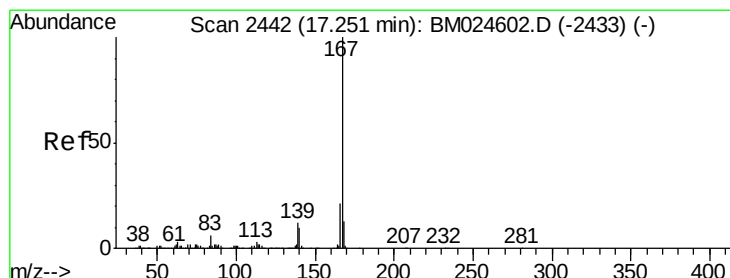
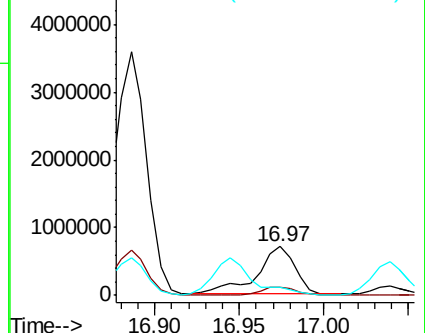
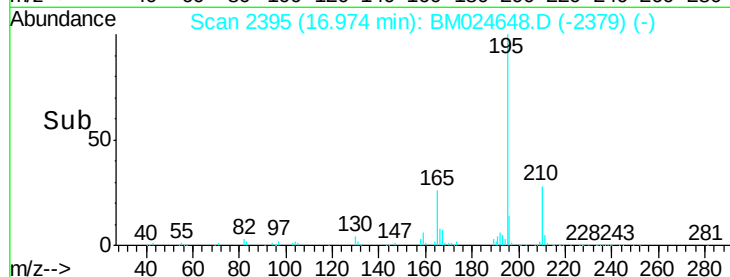
179 16.8 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 40.900 ng

RT: 17.25 min Scan# 2442

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

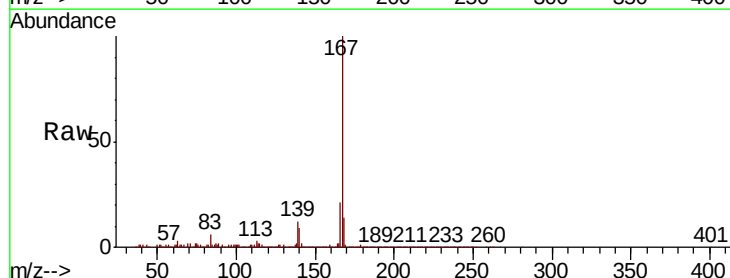
Tgt Ion:167 Resp: 2656923

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

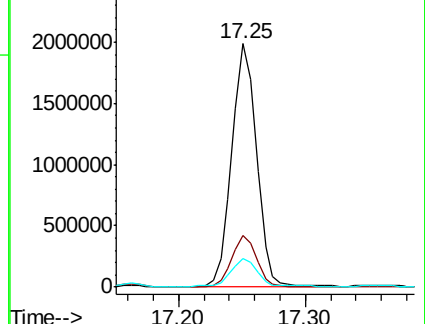
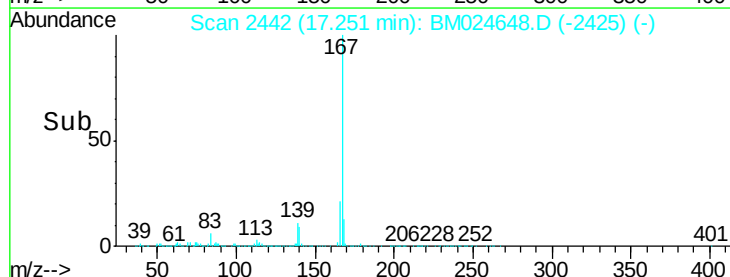
139 11.9 9.8 14.8

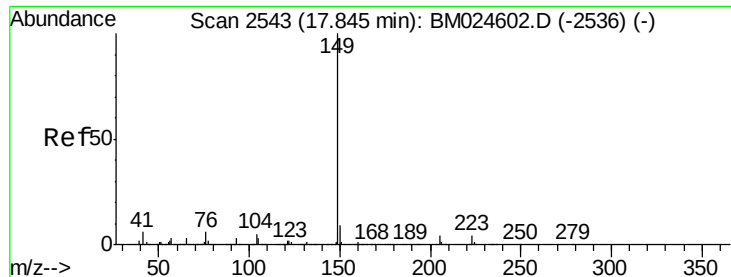


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 17.279 ng

RT: 17.84 min Scan# 2543

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

Instrument :

BNA_M

ClientSampleId :

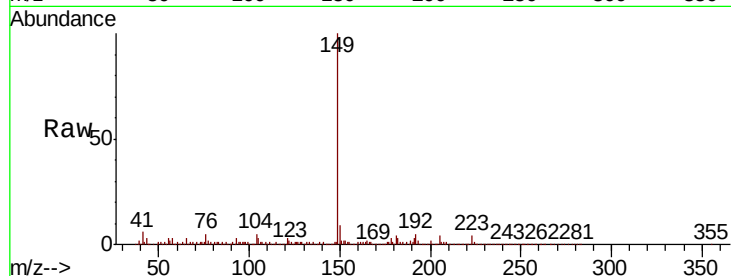
Tot Ion:149 Resp: 1434990

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

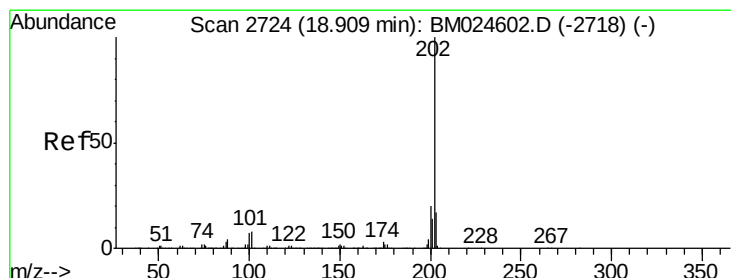
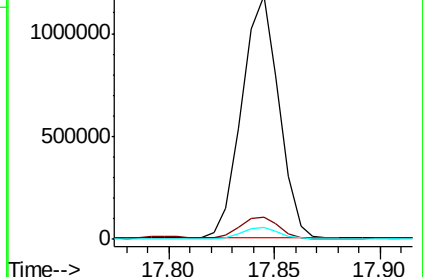
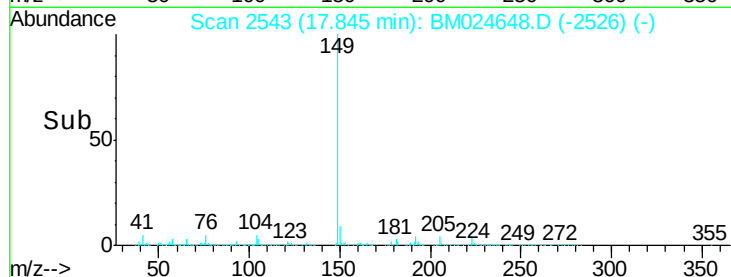
104 4.9 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 25.310 ng

RT: 18.91 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM024648.D

Acq: 29 Jan 2020 13:53

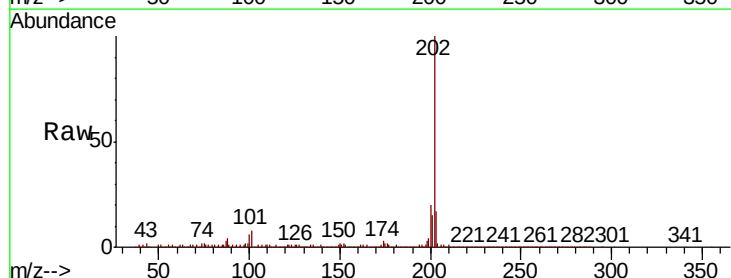
Tgt Ion:202 Resp: 2303845

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.4

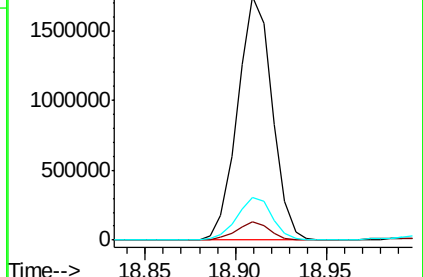
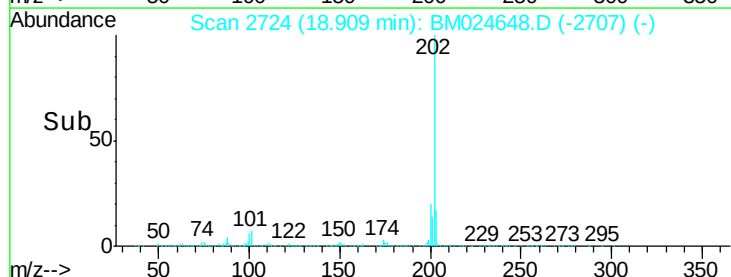
203 17.5 0.0 37.5

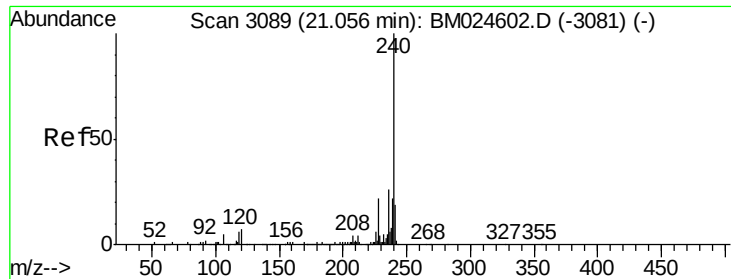


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

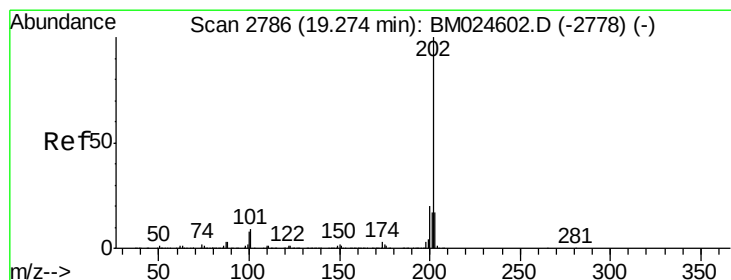
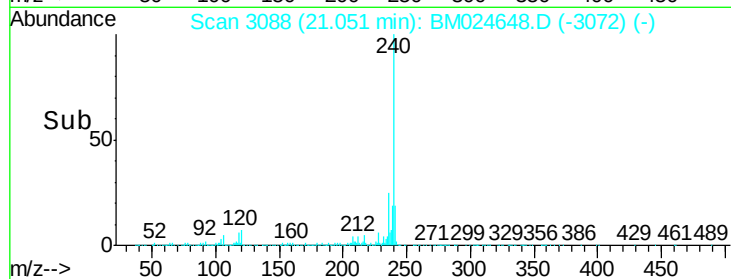
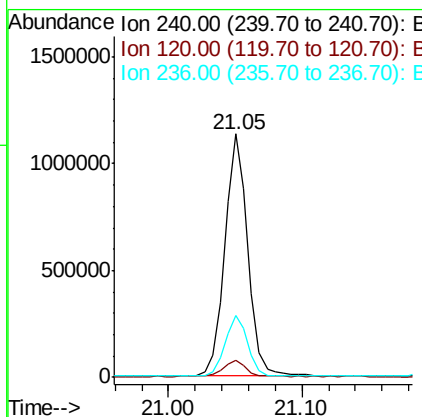
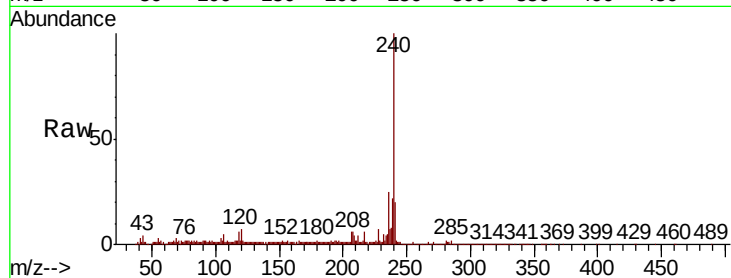




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM024648.D
Acq: 29 Jan 2020 13:53

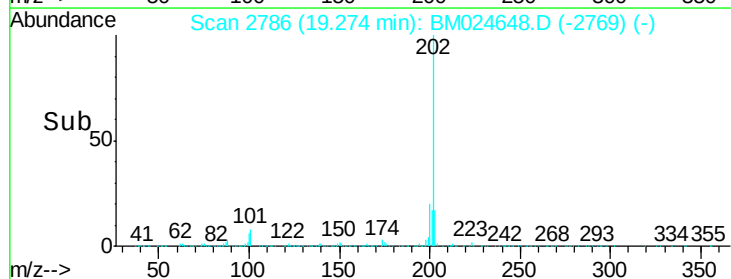
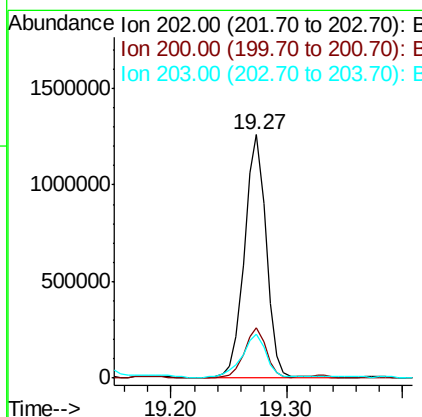
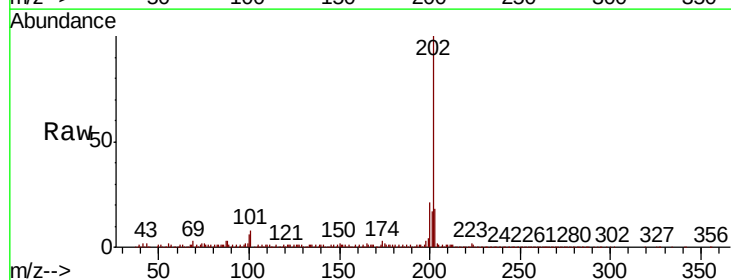
Instrument :
BNA_M
ClientSampleId :

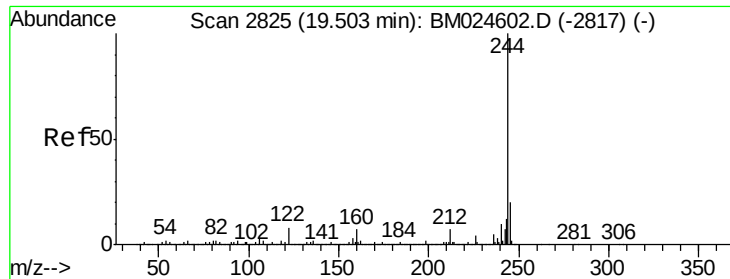
Tot Ion:240 Resp: 1359151
Ion Ratio Lower Upper
240 100
120 7.0 5.3 7.9
236 25.4 20.6 31.0



#78
Pyrene
Concen: 18.191 ng
RT: 19.27 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM024648.D
Acq: 29 Jan 2020 13:53

Tgt Ion:202 Resp: 1629949
Ion Ratio Lower Upper
202 100
200 20.5 16.2 24.2
203 18.0 14.0 21.0



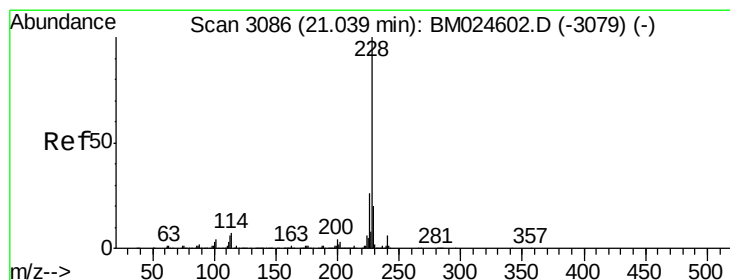
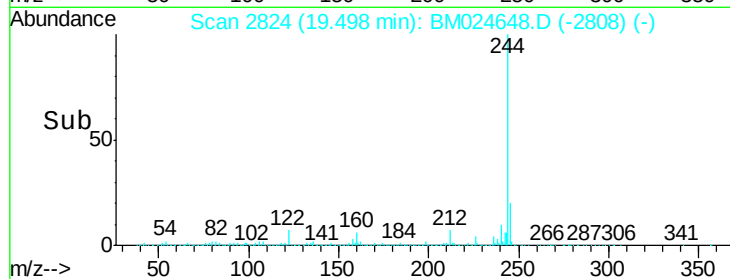
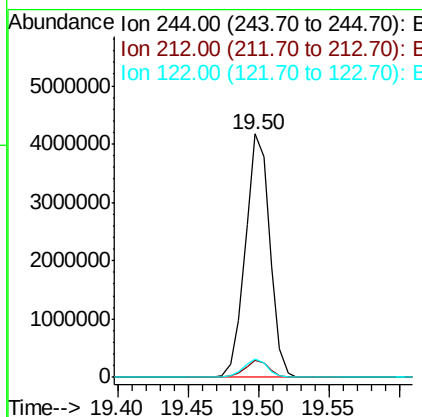
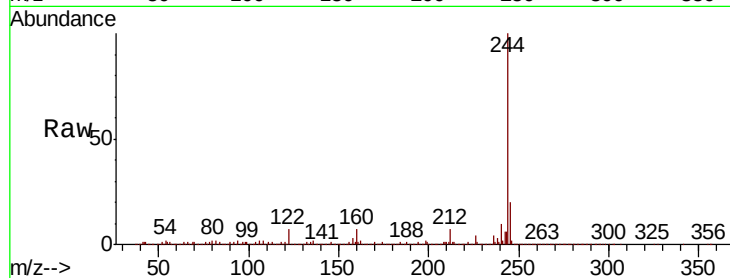


#79
 Terphenyl-d14
 Concen: 69.430 ng
 RT: 19.50 min Scan# 2824
 Delta R.T. -0.01 min
 Lab File: BM024648.D
 Acq: 29 Jan 2020 13:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:244 Resp: 5054687

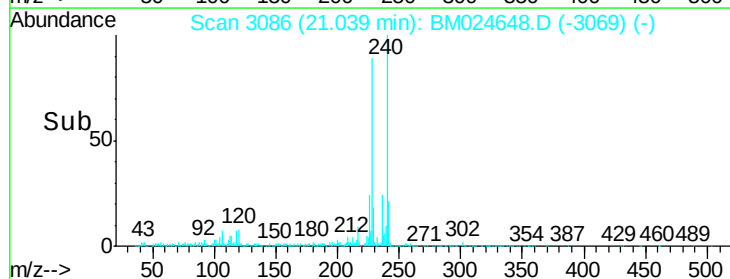
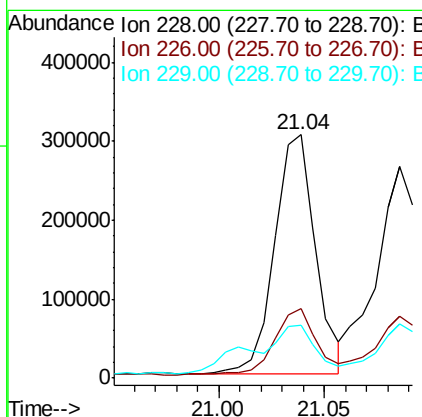
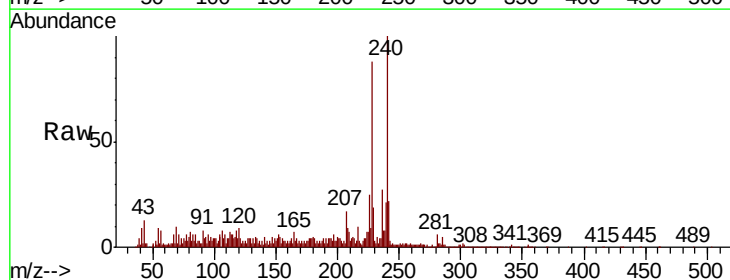
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	7.4	6.2	9.4

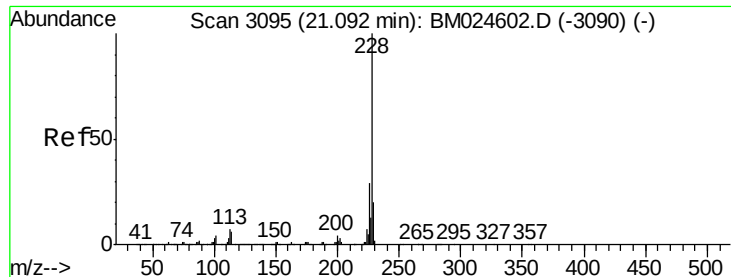


#81
 Benzo(a)anthracene
 Concen: 4.340 ng
 RT: 21.04 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BM024648.D
 Acq: 29 Jan 2020 13:53

Tgt Ion:228 Resp: 409379

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.1	31.7
229	21.8	15.8	23.6

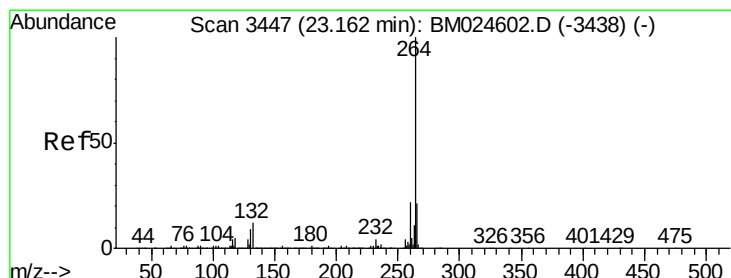
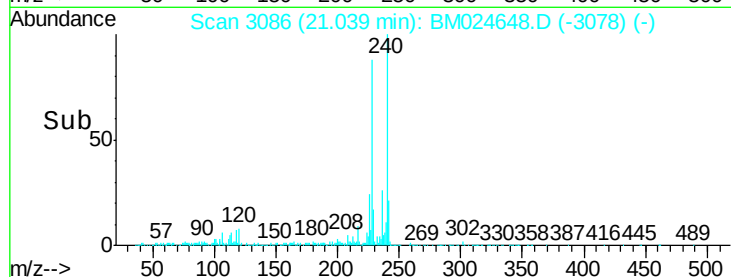
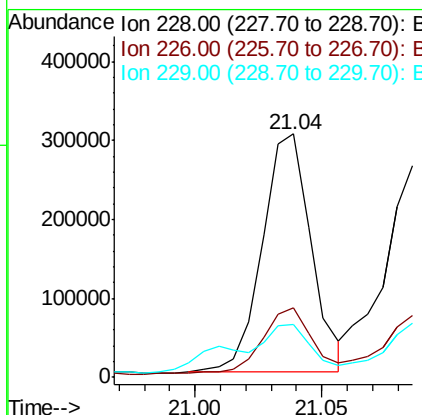
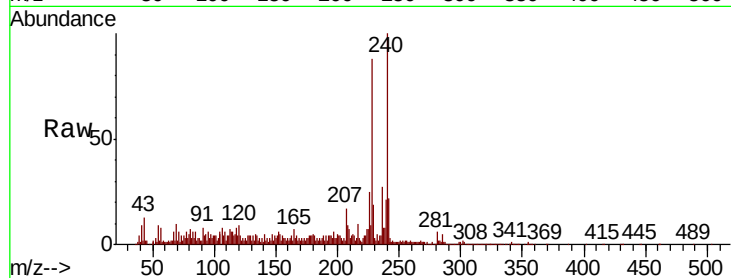




#83
Chrysene
Concen: 4.500 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.05 min
Lab File: BM024648.D
Acq: 29 Jan 2020 13:53

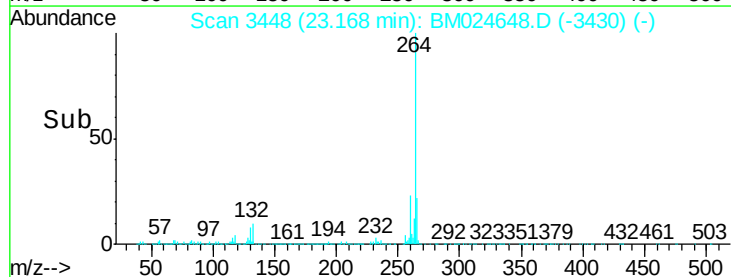
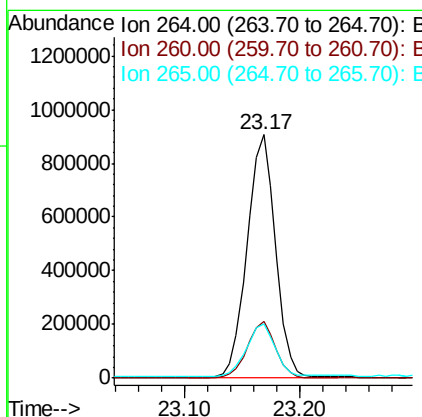
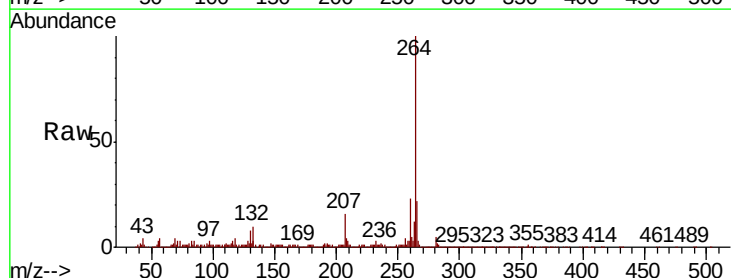
Instrument :
BNA_M
ClientSampleId :

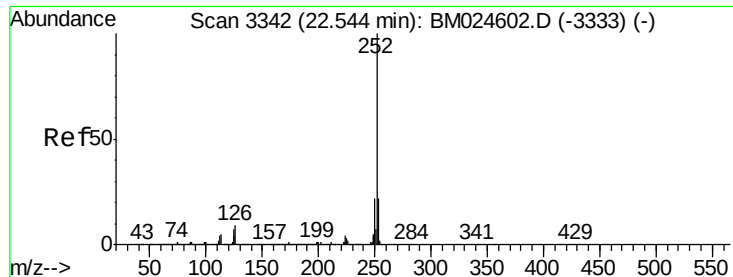
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.2	34.8
229	21.8	15.7	23.5



#87
Perylene-d12
Concen: 20.000 ng
RT: 23.17 min Scan# 3448
Delta R.T. 0.01 min
Lab File: BM024648.D
Acq: 29 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.9	26.9
265	22.3	17.3	25.9

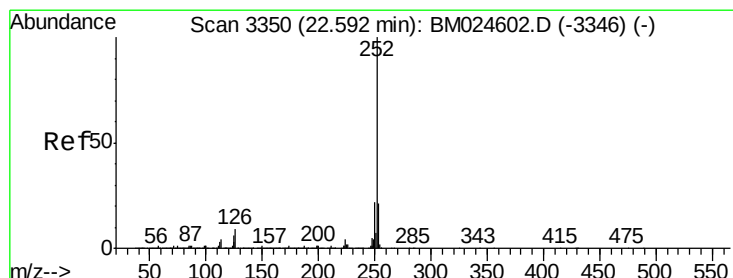
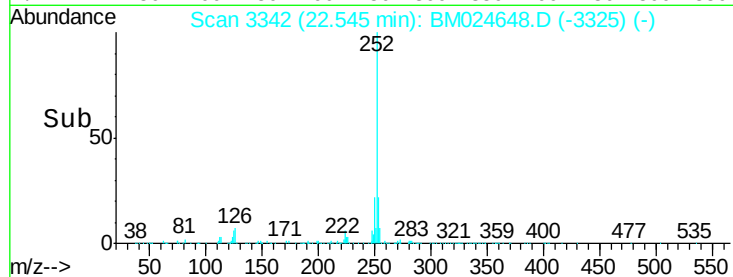
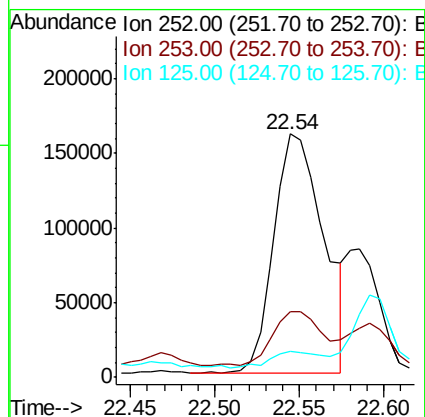
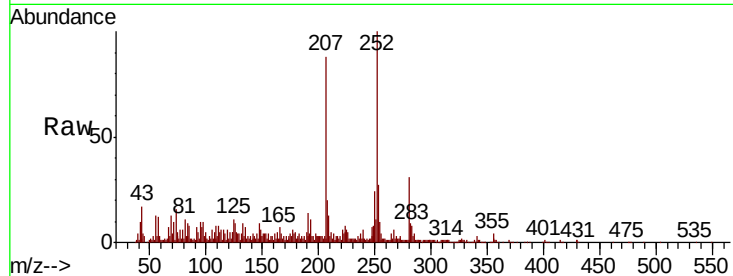




#88
Benzo(b)fluoranthene
Concen: 3.255 ng
RT: 22.54 min Scan# 3342
Delta R.T. 0.00 min
Lab File: BM024648.D
Acq: 29 Jan 2020 13:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.6	26.4#
125	10.7	5.7	8.5#



#89
Benzo(k)fluoranthene
Concen: 3.308 ng
RT: 22.54 min Scan# 3342
Delta R.T. -0.05 min
Lab File: BM024648.D
Acq: 29 Jan 2020 13:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.3	25.9#
125	10.7	5.2	7.8#

