

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\
 Data File : BM024655.D
 Acq On : 29 Jan 2020 18:05
 Operator : CG/JU
 Sample : L1287-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 30 02:56:25 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	7.45	152	422219	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	1521150	20.00	ng	0.00
39) Acenaphthene-d10	14.10	164	873020	20.00	ng	0.00
64) Phenanthrene-d10	16.85	188	1484032	20.00	ng	0.00
76) Chrysene-d12	21.07	240	1348748	20.00	ng	0.01
87) Perylene-d12	23.19	264	1598306	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.09	112	1925831	86.74	ng	0.01
7) Phenol-d6	6.65	99	2435079	79.62	ng	0.00
23) Nitrobenzene-d5	8.59	82	1563217	50.40	ng	0.00
42) 2,4,6-Tribromophenol	15.60	330	997331	70.23	ng	0.00
45) 2-Fluorobiphenyl	12.71	172	3507322	54.62	ng	0.00
79) Terphenyl-d14	19.51	244	3871779	53.59	ng	0.00

Target Compounds

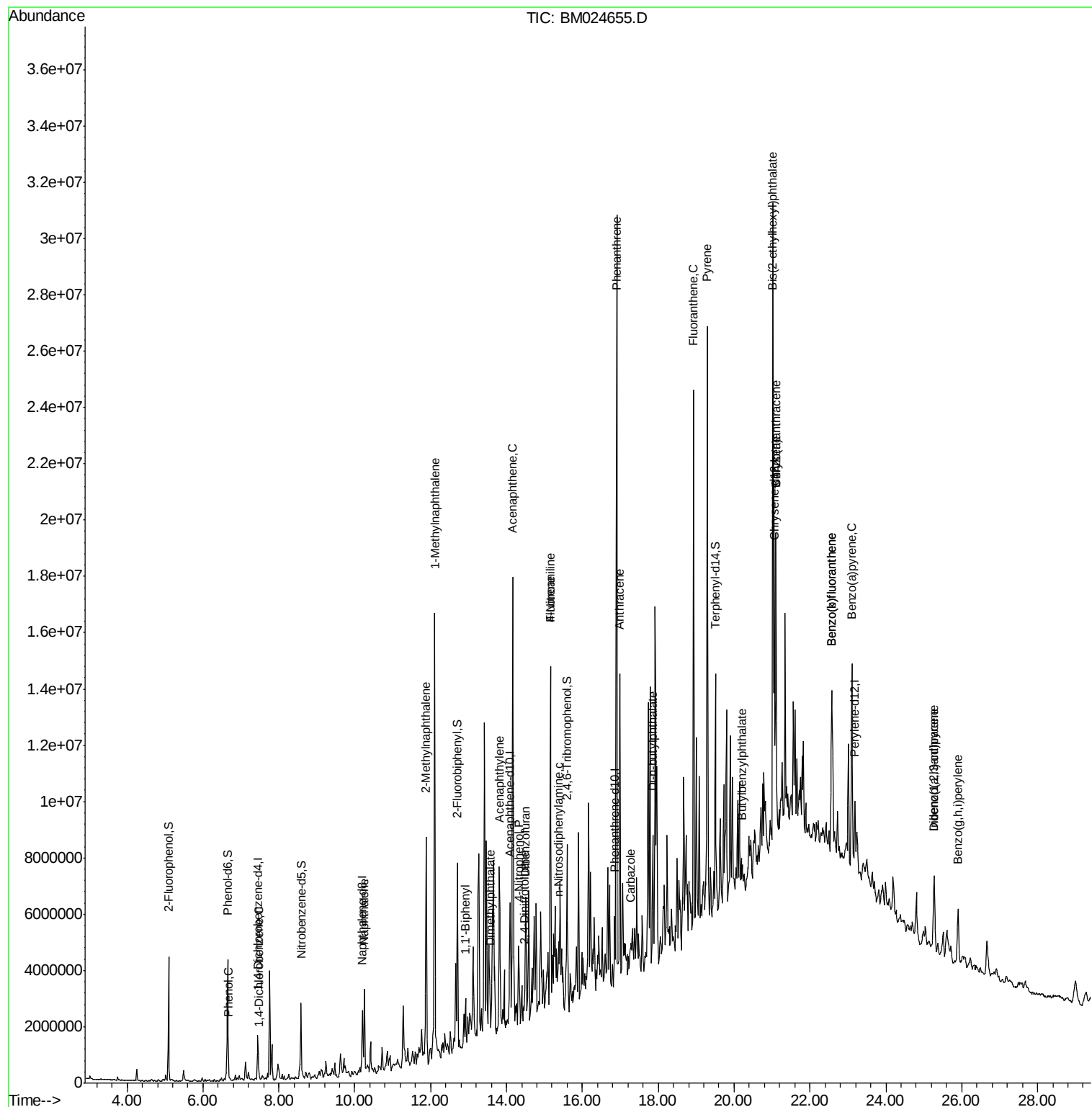
						Qvalue
10) Phenol	6.67	94	94103	3.087	ng	95
13) 1,4-Dichlorobenzene	7.47	146	67559	2.145	ng	95
31) Naphthalene	10.25	128	2413499	31.414	ng	100
37) 2-Methylnaphthalene	11.88	142	3767163	63.537	ng	99
38) 1-Methylnaphthalene	12.11	142	7549137	133.853	ng	100
46) 1,1'-Biphenyl	12.92	154	532392	8.058	ng	99
49) Acenaphthylene	13.82	152	3012680	37.731	ng	# 95
50) Dimethylphthalate	13.57	163	563839	7.987	ng	# 97
52) Acenaphthene	14.17	154	5454410	110.086	ng	99
55) Dibenzofuran	14.50	168	760670	9.414	ng	# 91
56) 4-Nitrophenol	14.32	139	104244	8.567	ng	# 58
57) 2,4-Dinitrotoluene	14.47	165	46333	2.154	ng	# 52
58) Fluorene	15.16	166	5177882	76.251	ng	98
62) 4-Nitroaniline	15.16	138	53891	3.136	ng	# 34
66) n-Nitrosodiphenylamine	15.38	169	378986	8.890	ng	89
71) Phenanthrene	16.90	178	15767354	196.202	ng	# 88
72) Anthracene	16.99	178	7006252	89.101	ng	99
73) Carbazole	17.26	167	364524	5.092	ng	# 79
74) Di-n-butylphthalate	17.85	149	247386	2.703	ng	# 74
75) Fluoranthene	18.93	202	10763181	107.309	ng	97
78) Pyrene	19.29	202	13789066	155.082	ng	93
80) Butylbenzylphthalate	20.22	149	293344	7.862	ng	# 94
81) Benzo(a)anthracene	21.10	228	5948112	63.541	ng	94
83) Chrysene	21.10	228	6171262	69.088	ng	97
84) Bis(2-ethylhexyl)phthalate	21.02	149	8654307	157.206	ng	# 96
86) Indeno(1,2,3-cd)pyrene	25.27	276	2473421	25.406	ng	97
88) Benzo(b)fluoranthene	22.57	252	7268379	70.116	ng	# 96
89) Benzo(k)fluoranthene	22.57	252	7243855	71.591	ng	# 95
90) Benzo(a)pyrene	23.10	252	5088076	53.986	ng	97
91) Dibenzo(a,h)anthracene	25.27	278	778261	8.700	ng	# 89
92) Benzo(g,h,i)perylene	25.90	276	2442013	30.065	ng	97

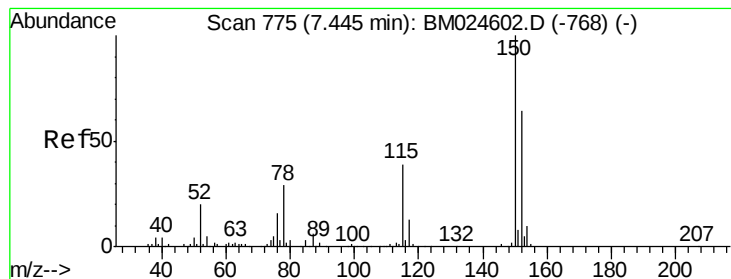
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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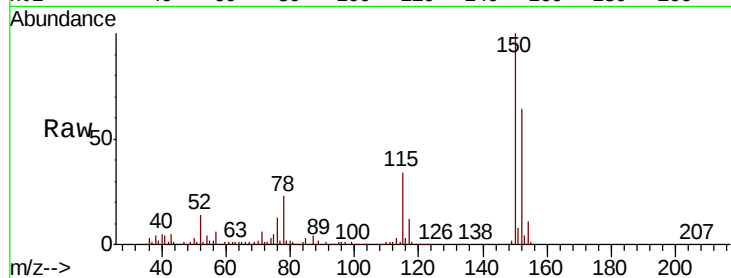


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.45 min Scan# 775
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.2	186.4
115	53.1	48.6	72.8

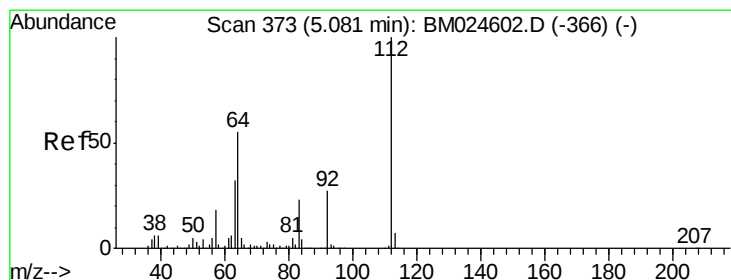
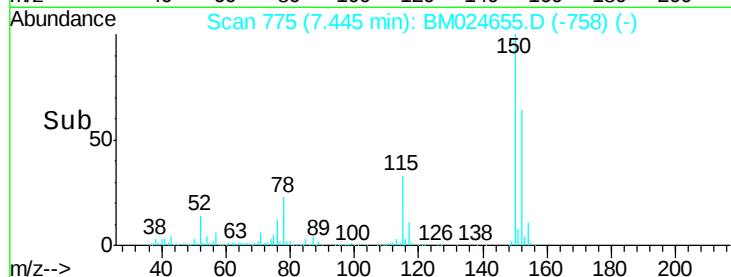
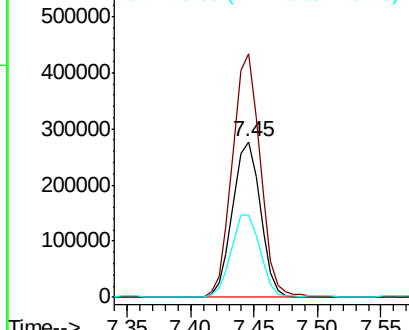


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

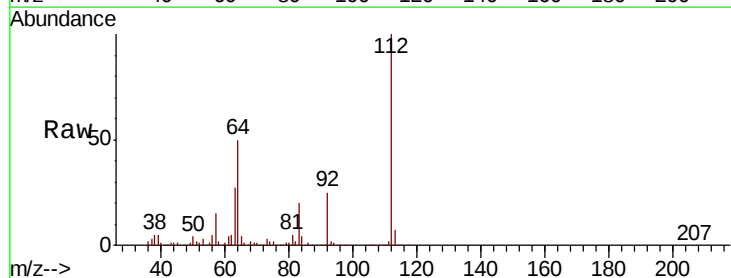
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.743 ng
RT: 5.09 min Scan# 373
Delta R.T. 0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.6	44.2	66.4
63	26.9	25.9	38.9

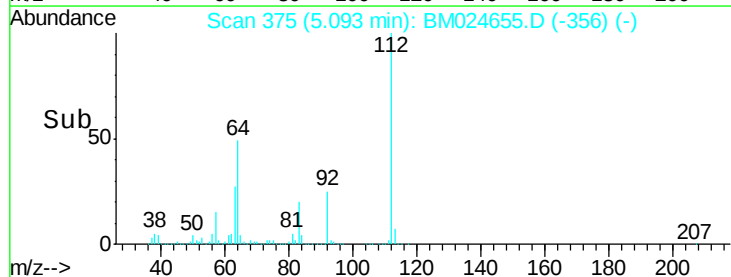
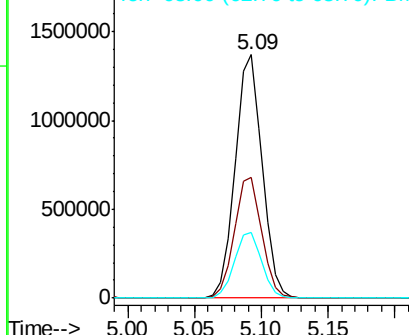


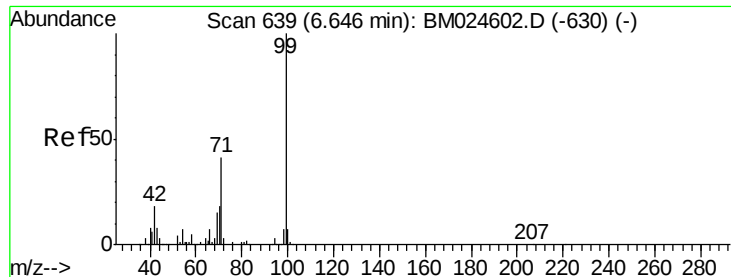
Abundance

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: 79.619 ng

RT: 6.65 min Scan# 640

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

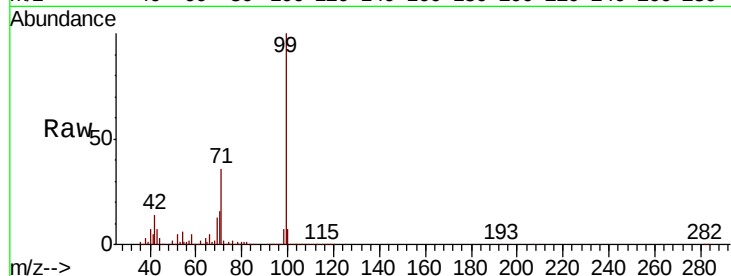
Instrument :

BNA_M

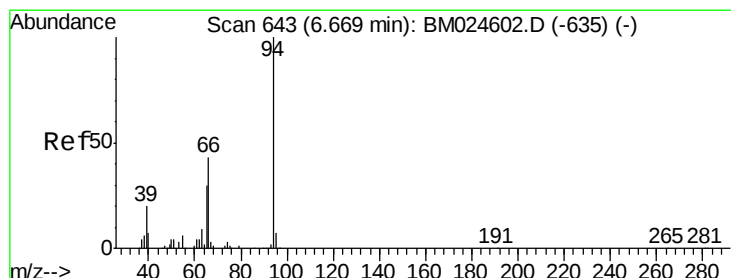
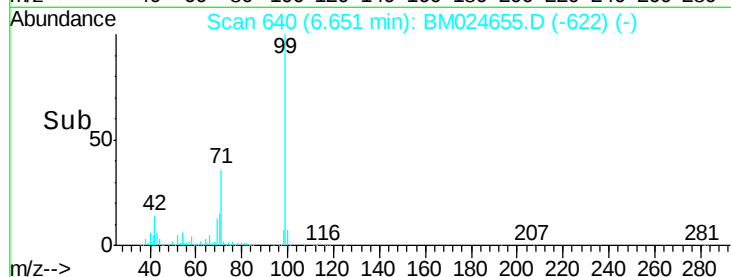
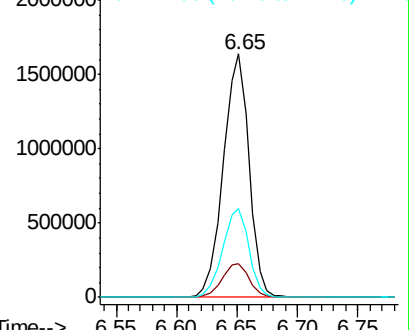
ClientSampleId :

Tot Ion: 99 Resp: 2435079

Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.1	21.1#
71	36.5	33.0	49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024655.D (-622) (-)



#10

Phenol

Concen: 3.087 ng

RT: 6.67 min Scan# 644

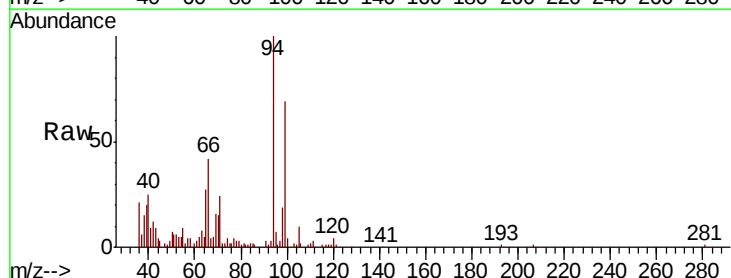
Delta R.T. 0.01 min

Lab File: BM024655.D

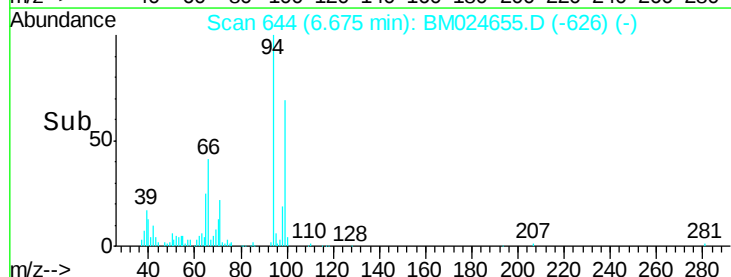
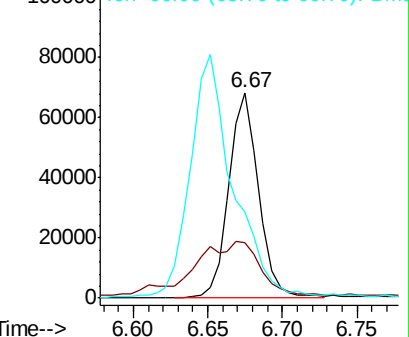
Acq: 29 Jan 2020 18:05

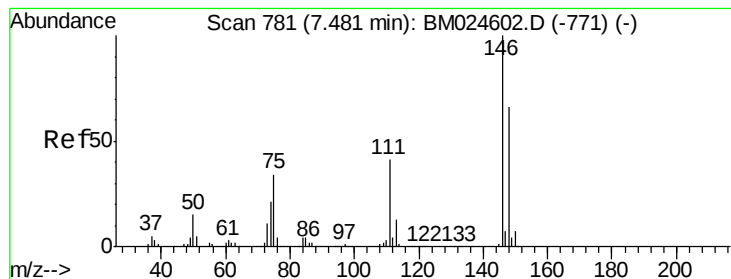
Tgt Ion: 94 Resp: 94103

Ion	Ratio	Lower	Upper
94	100		
65	27.3	10.3	50.3
66	41.8	24.8	64.8



Abundance Ion 94.00 (93.70 to 94.70): BM024655.D (-626) (-)





#13

1,4-Dichlorobenzene

Concen: 2.145 ng

RT: 7.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

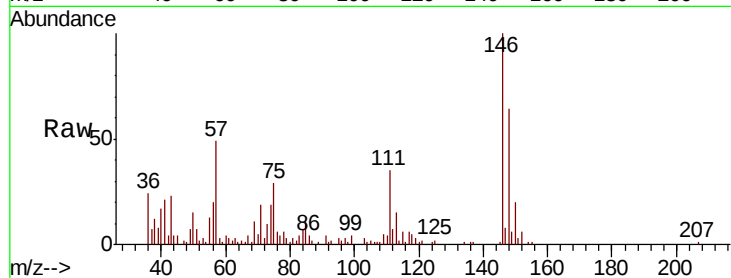
Tot Ion:146 Resp: 67559

Ion Ratio Lower Upper

146 100

148 63.8 52.5 78.7

111 34.9 33.0 49.4

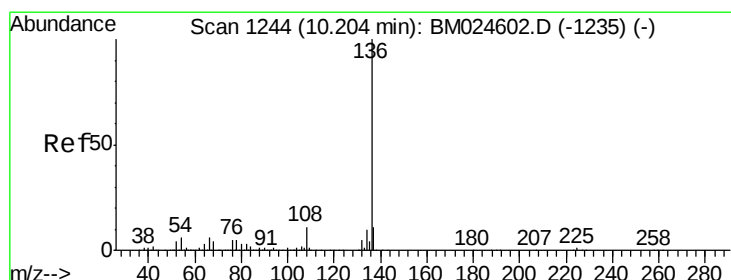
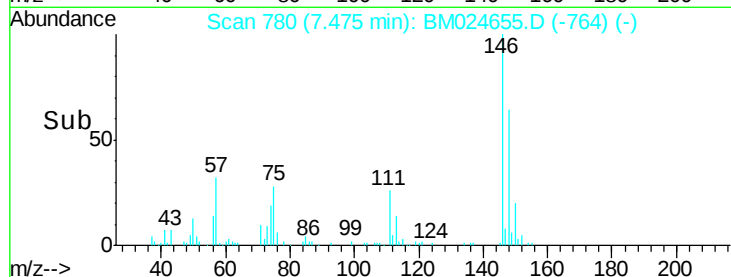
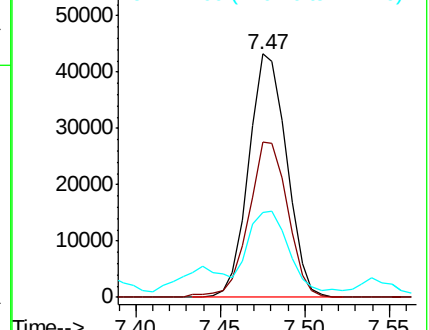


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Tgt Ion:136 Resp: 1521150

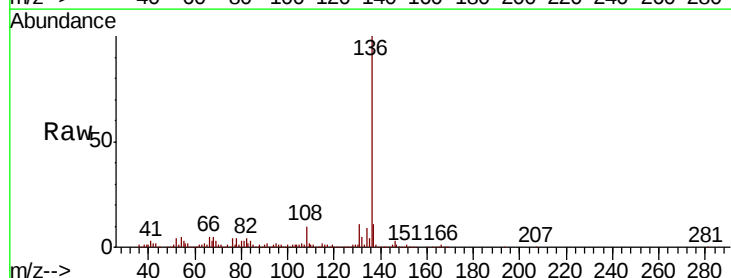
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 5.2 4.5 6.7

68 4.9 3.4 5.0



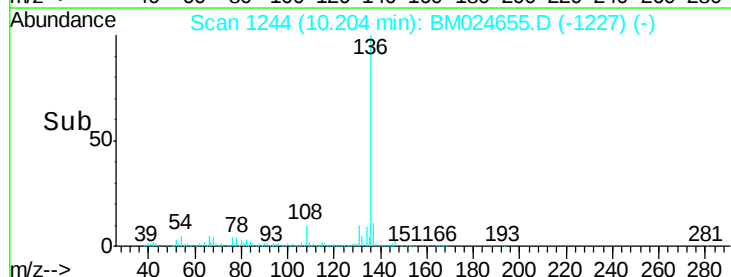
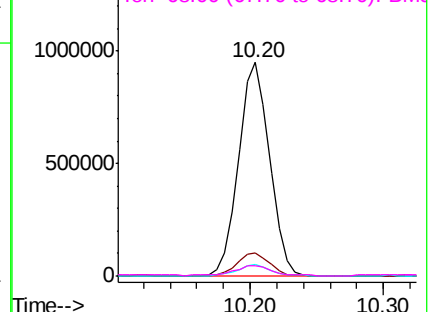
Abundance

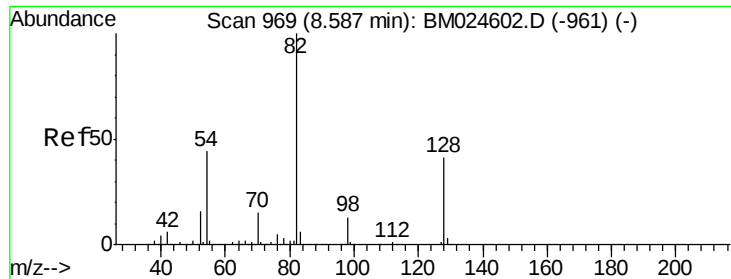
Ion 136.00 (135.70 to 136.70): E

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

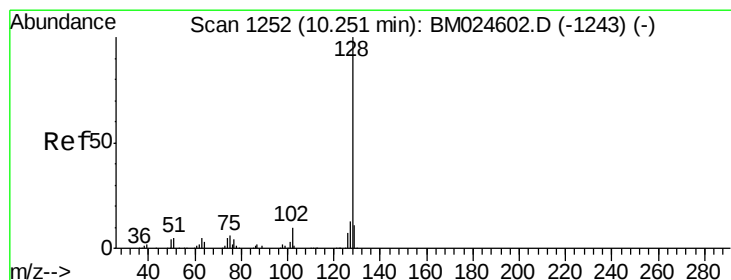
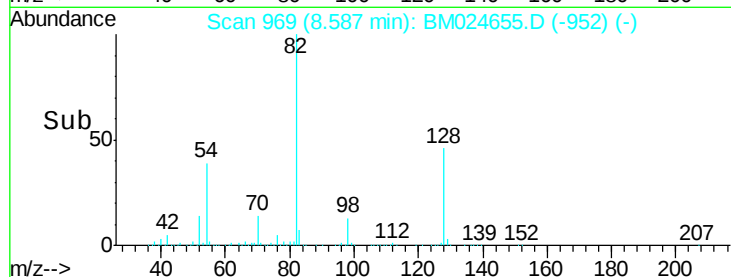
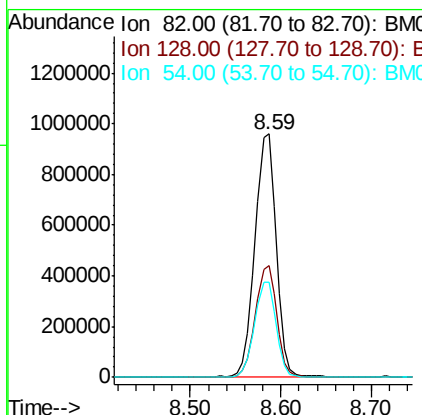
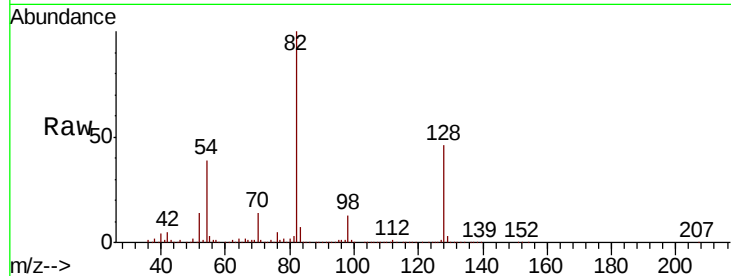




#23
Nitrobenzene-d5
Concen: 50.398 ng
RT: 8.59 min Scan# 969
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

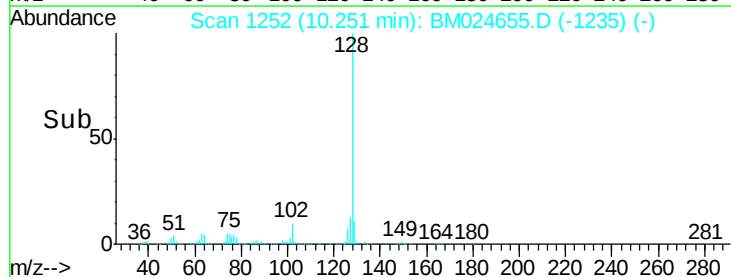
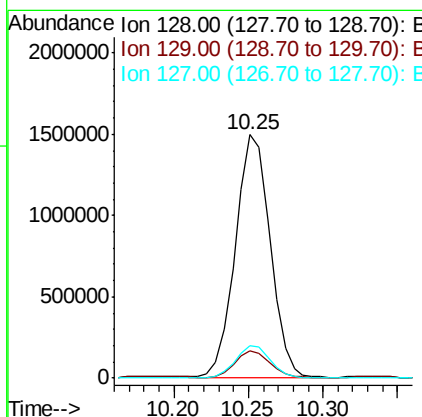
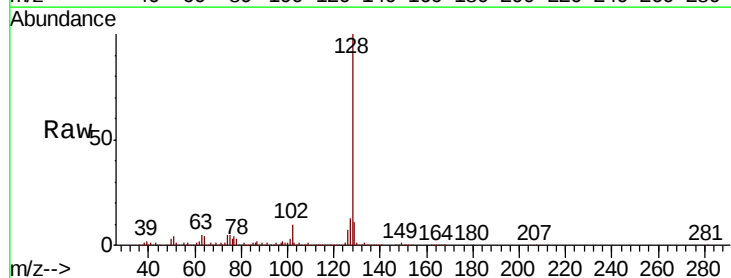
Instrument :
BNA_M
ClientSampleId :

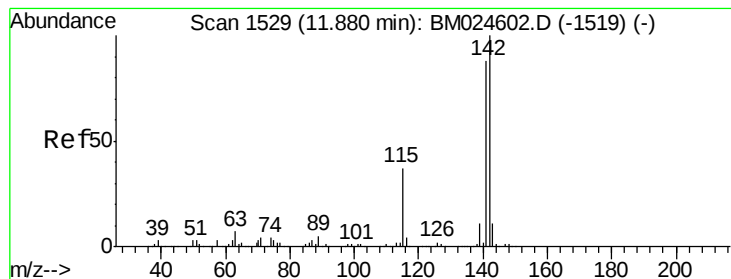
Tot Ion: 82 Resp: 1563217
Ion Ratio Lower Upper
82 100
128 45.9 32.6 48.8
54 39.3 34.8 52.2



#31
Naphthalene
Concen: 31.414 ng
RT: 10.25 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion: 128 Resp: 2413499
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.3 10.6 15.8





#37

2-Methylnaphthalene

Concen: 63.537 ng

RT: 11.88 min Scan# 1529

Delta R.T. 0.00 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

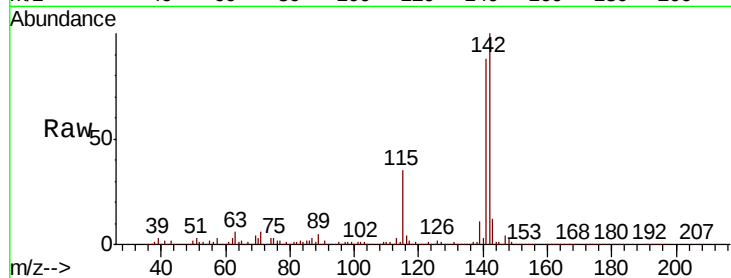
Tot Ion:142 Resp: 3767163

Ion Ratio Lower Upper

142 100

141 87.8 70.2 105.2

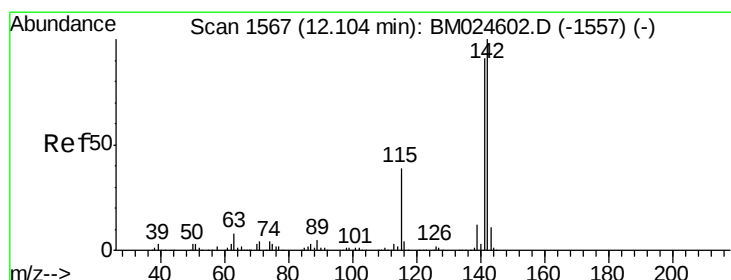
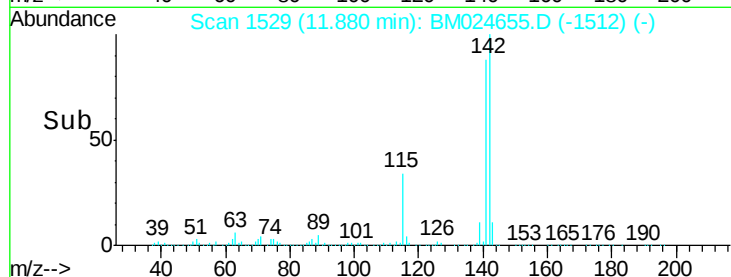
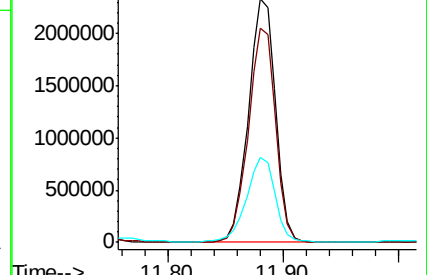
115 35.0 29.7 44.5



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: 133.853 ng

RT: 12.11 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

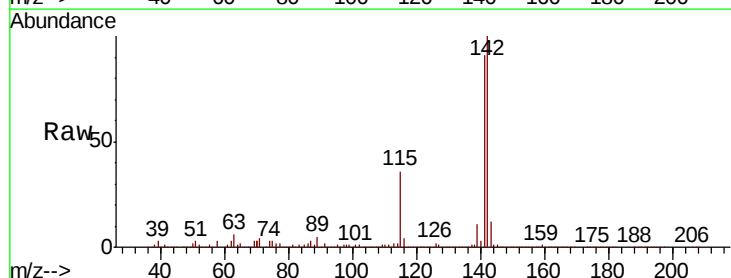
Tgt Ion:142 Resp: 7549137

Ion Ratio Lower Upper

142 100

141 91.4 72.8 109.2

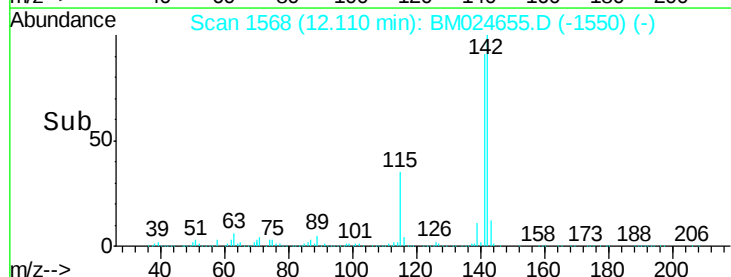
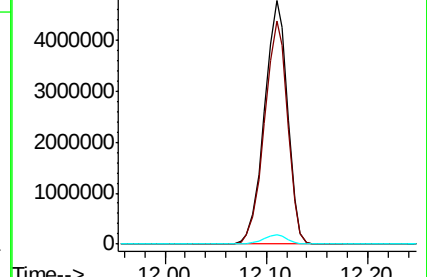
116 3.8 3.2 4.8

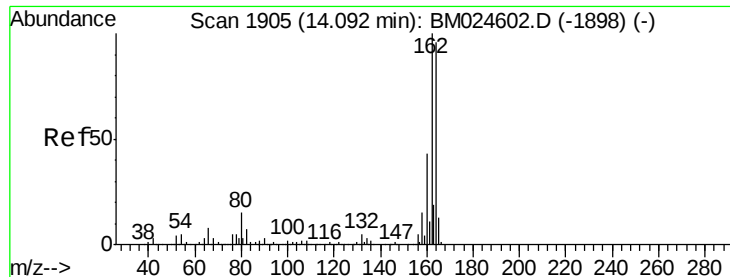


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.10 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

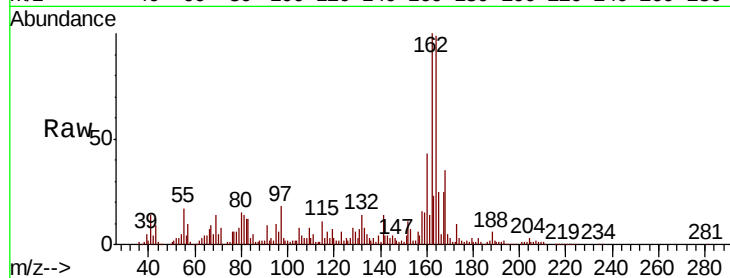
Instrument :

BNA_M

ClientSampleId :

Tot Ion:164 Resp: 873020

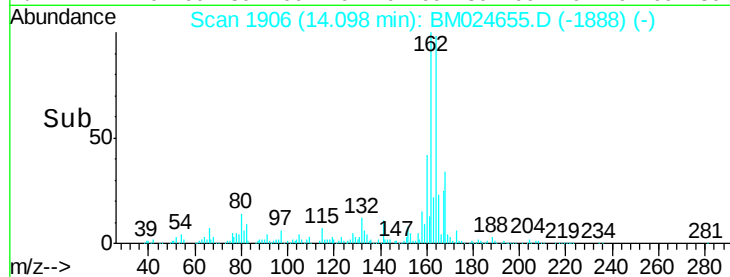
Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.9	124.3
160	43.6	35.5	53.3



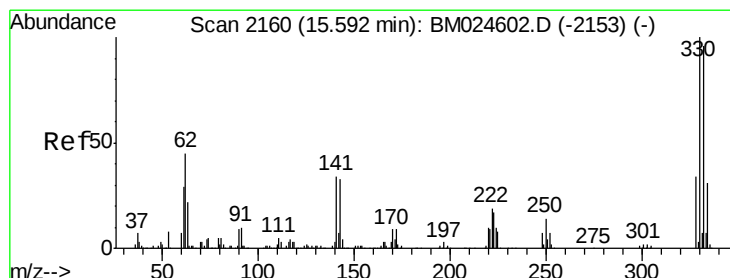
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#42

2,4,6-Tribromophenol

Concen: 70.230 ng

RT: 15.60 min Scan# 2161

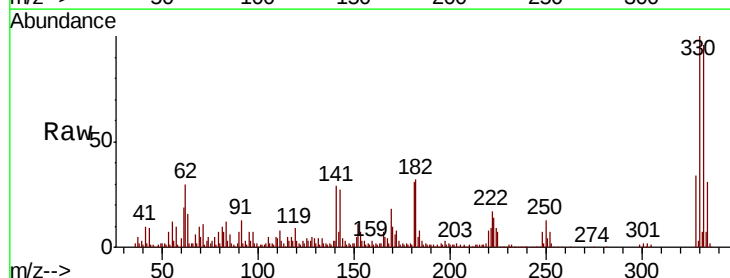
Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Tgt Ion:330 Resp: 997331

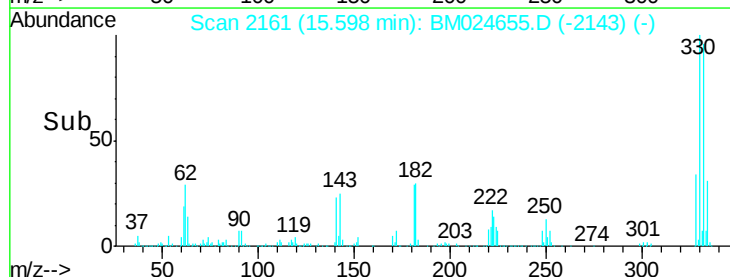
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.2	115.8
141	31.7	26.9	40.3



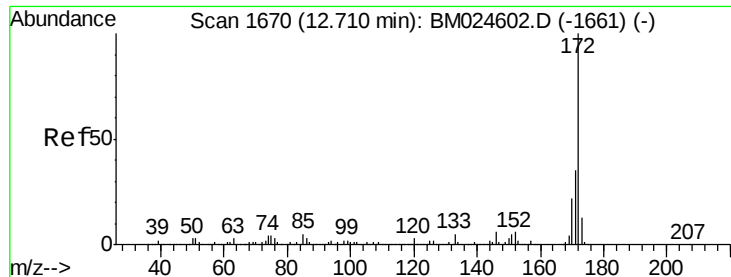
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

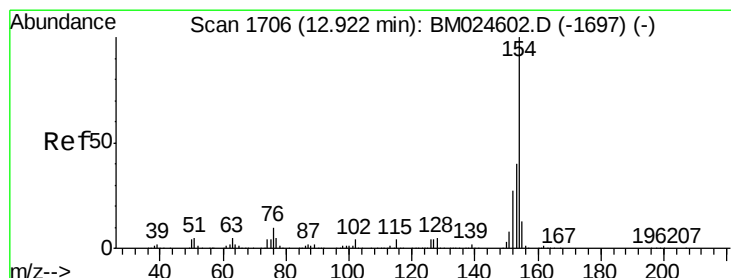
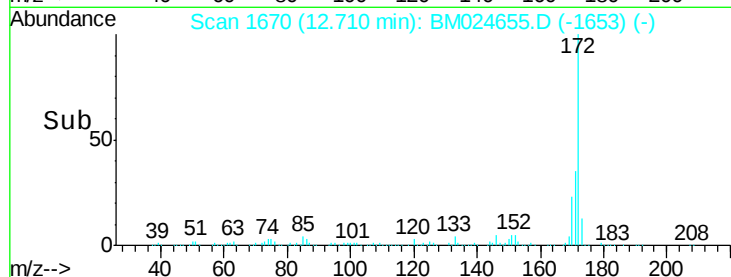
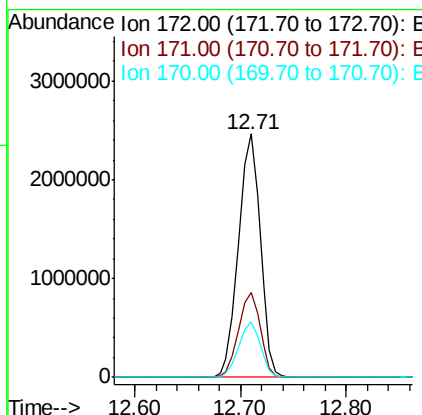
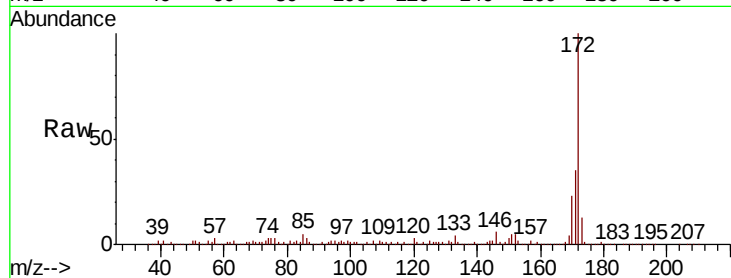


#45
2-Fluorobiphenyl
Concen: 54.617 ng
RT: 12.71 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:172 Resp: 3507322

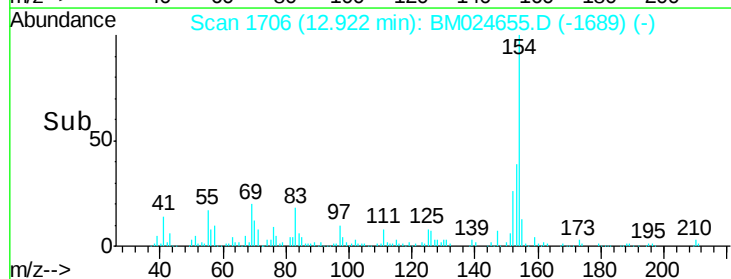
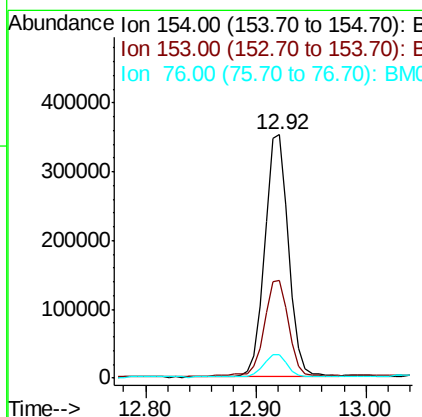
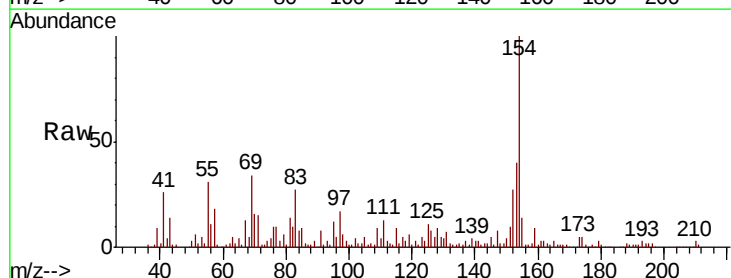
Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	22.8	17.9	26.9

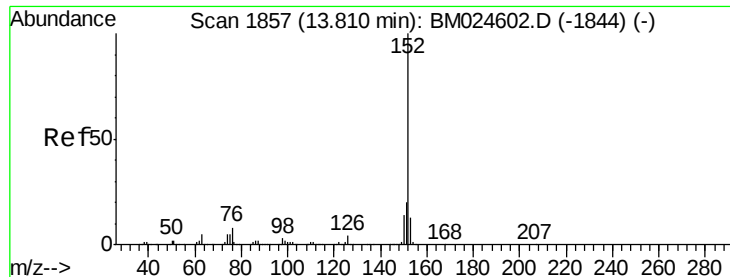


#46
1,1'-Biphenyl
Concen: 8.058 ng
RT: 12.92 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion:154 Resp: 532392

Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.3	60.3
76	9.7	0.0	30.5





#49

Acenaphthylene

Concen: 37.731 ng

RT: 13.82 min Scan# 1858

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

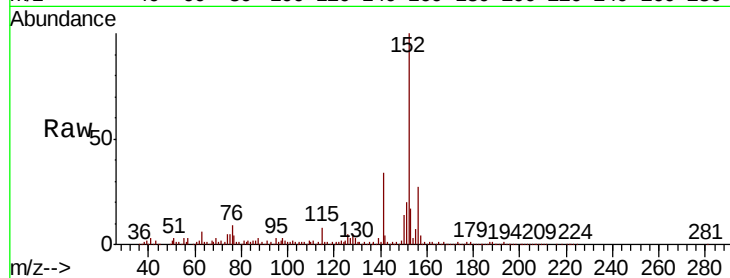
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 3012680

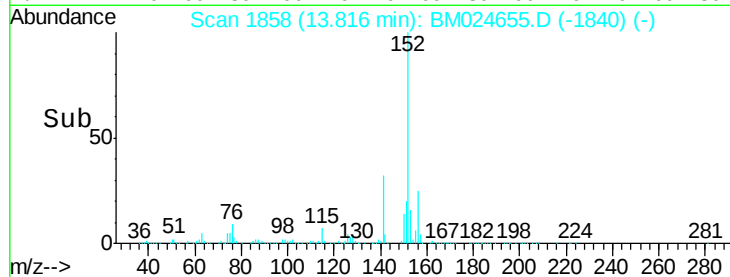
Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.6
153	16.8	10.4	15.6



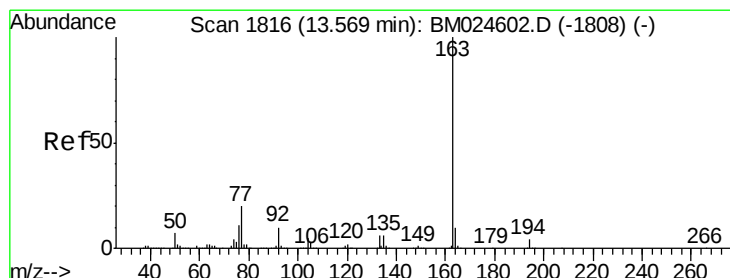
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 13.70 13.80 13.90



#50

Dimethylphthalate

Concen: 7.987 ng

RT: 13.57 min Scan# 1816

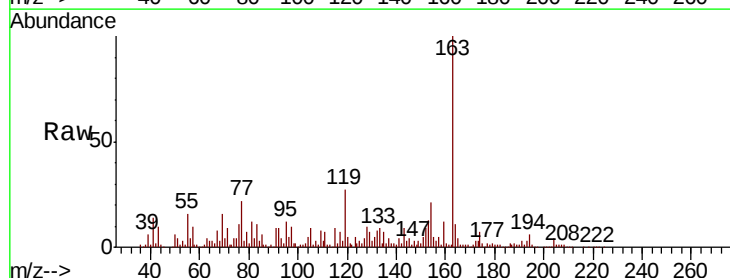
Delta R.T. 0.00 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Tgt Ion:163 Resp: 563839

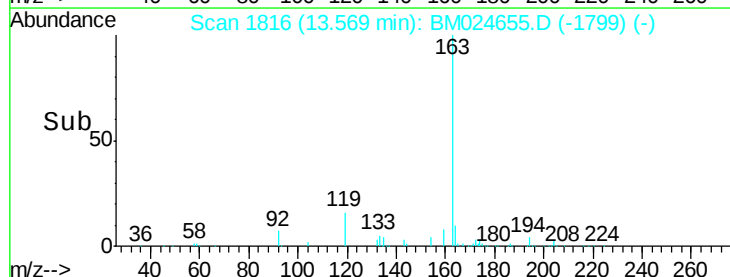
Ion	Ratio	Lower	Upper
163	100		
194	5.9	3.4	5.0
164	10.6	8.0	12.0



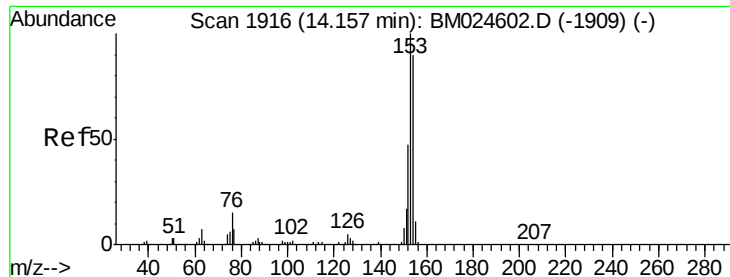
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.50 13.55 13.60



#52

Acenaphthene

Concen: 110.086 ng

RT: 14.17 min Scan# 1918

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

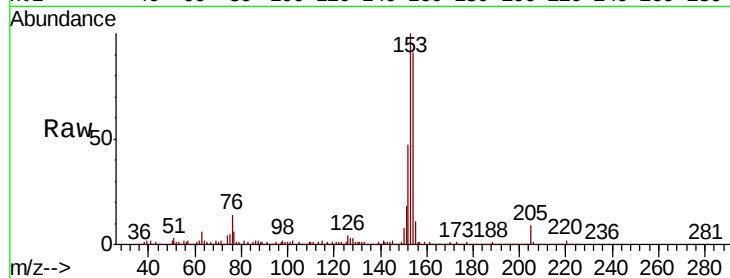
Tot Ion:154 Resp: 5454410

Ion Ratio Lower Upper

154 100

153 110.3 89.1 133.7

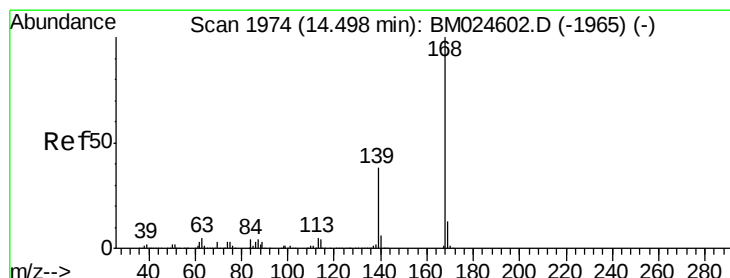
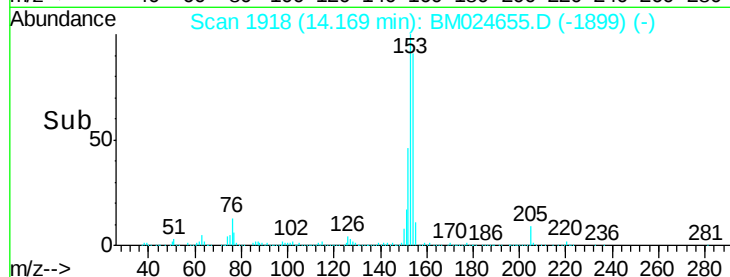
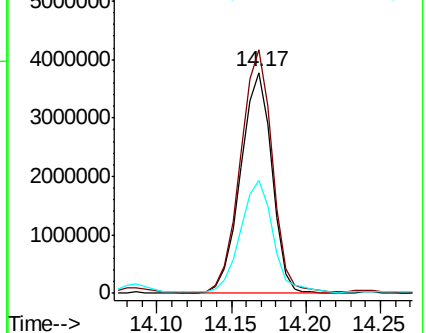
152 51.5 41.9 62.9



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: 9.414 ng

RT: 14.50 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

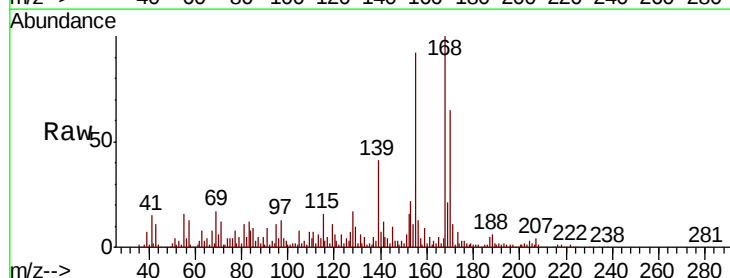
Tgt Ion:168 Resp: 760670

Ion Ratio Lower Upper

168 100

139 41.2 30.2 45.4

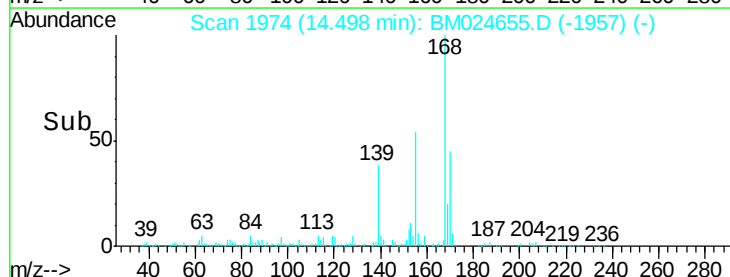
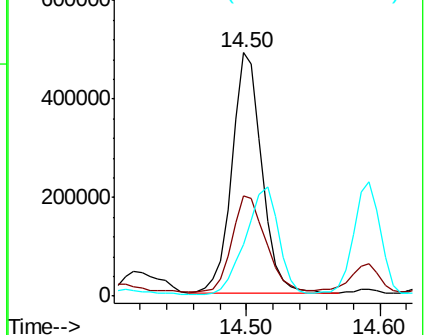
169 21.3 10.7 16.1#

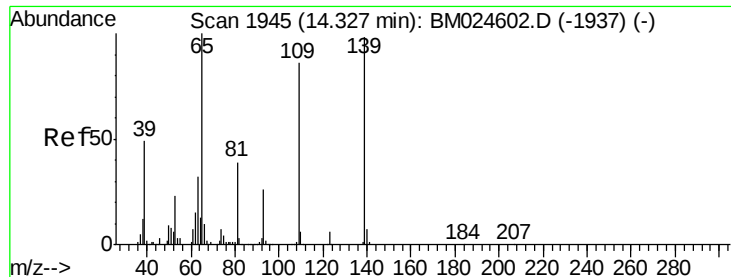


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

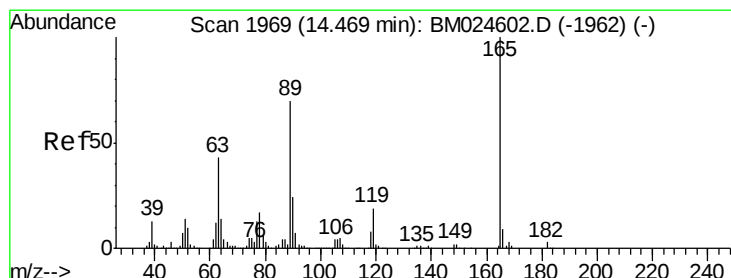
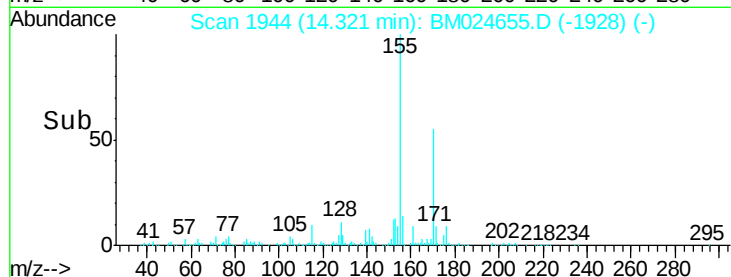
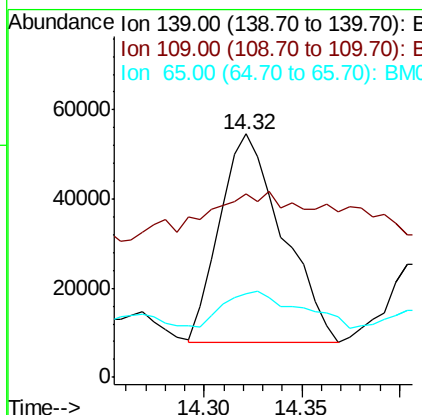
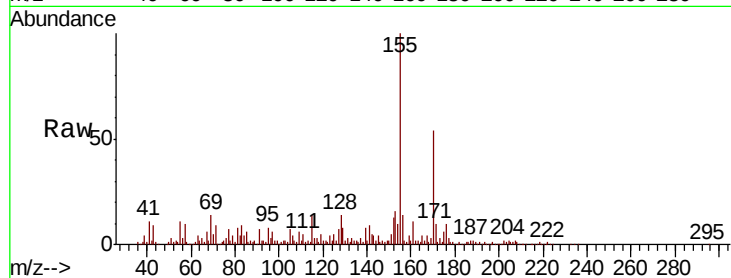




#56
4-Nitrophenol
Concen: 8.567 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

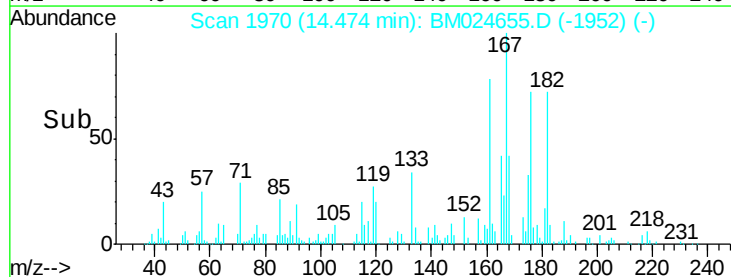
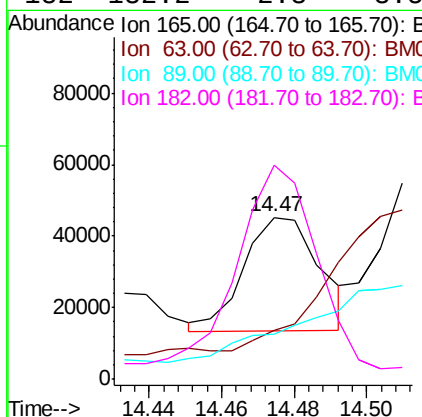
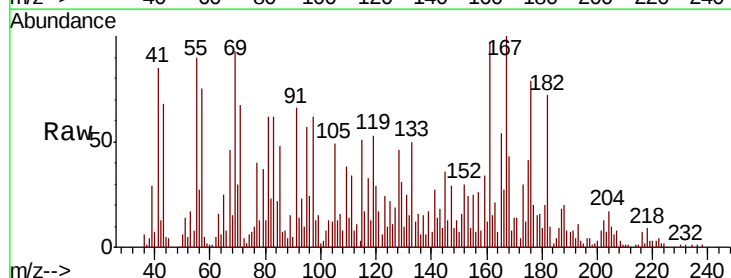
Instrument :
BNA_M
ClientSampleId :

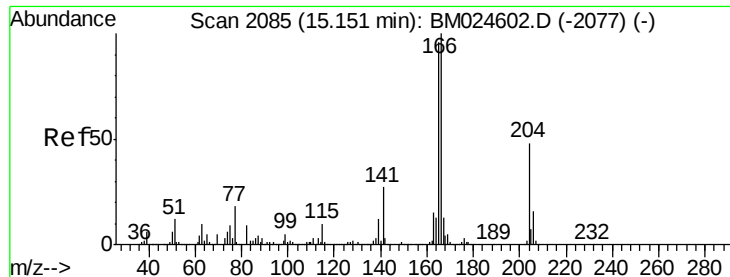
Tot Ion:139 Resp: 104244
Ion Ratio Lower Upper
139 100
109 75.3 67.4 107.4
65 34.2 82.1 122.1#



#57
2,4-Dinitrotoluene
Concen: 2.154 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion:165 Resp: 46333
Ion Ratio Lower Upper
165 100
63 30.2 34.5 51.7#
89 28.0 55.8 83.8#
182 132.2 2.3 3.5#





#58

Fluorene

Concen: 76.251 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

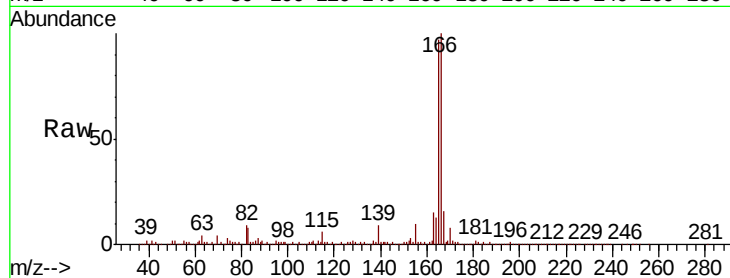
Tot Ion:166 Resp: 5177882

Ion Ratio Lower Upper

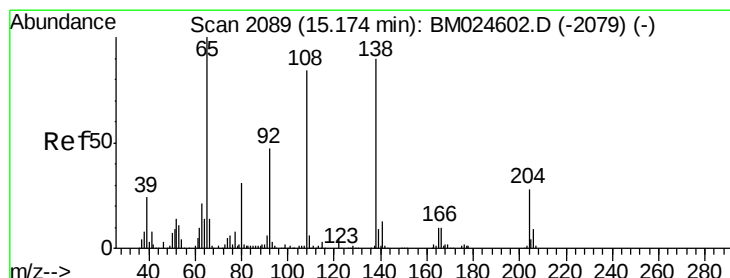
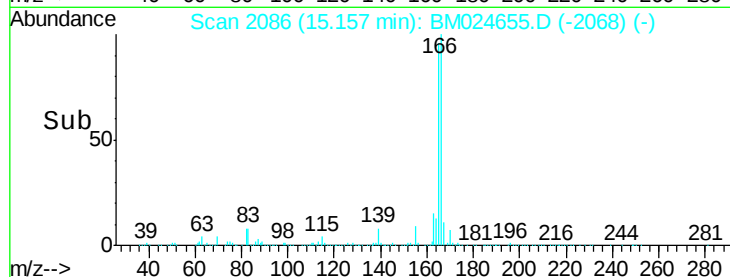
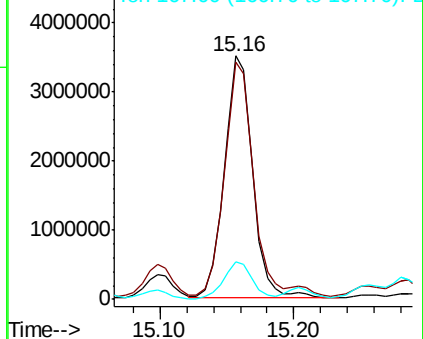
166 100

165 97.4 76.6 114.8

167 15.6 10.8 16.2



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



#62

4-Nitroaniline

Concen: 3.136 ng

RT: 15.16 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

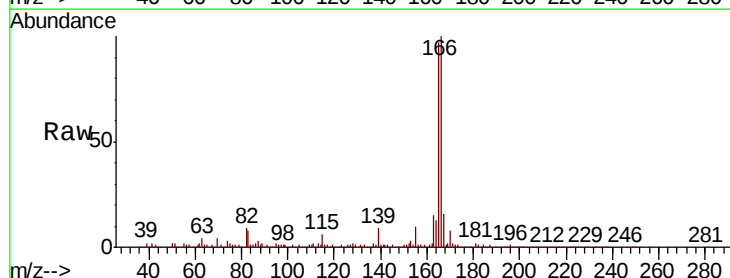
Tgt Ion:138 Resp: 53891

Ion Ratio Lower Upper

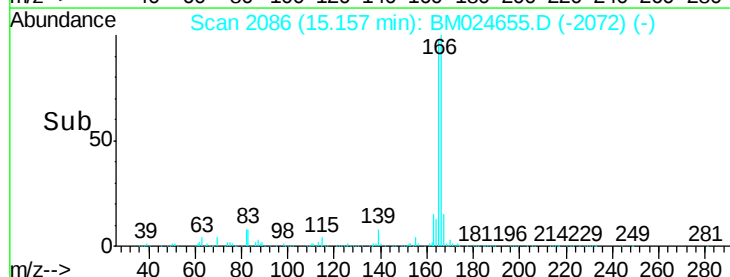
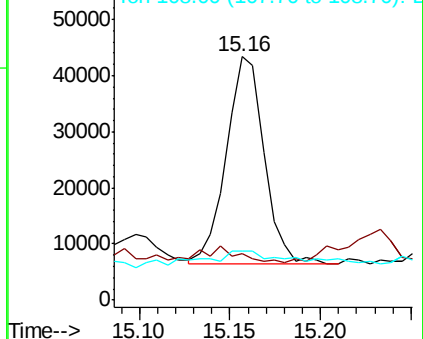
138 100

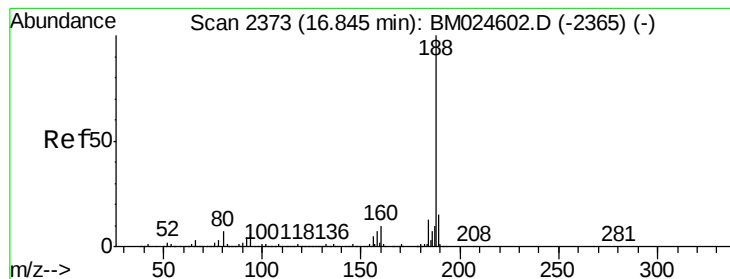
92 19.0 32.4 72.4#

108 20.3 73.3 113.3#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.85 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

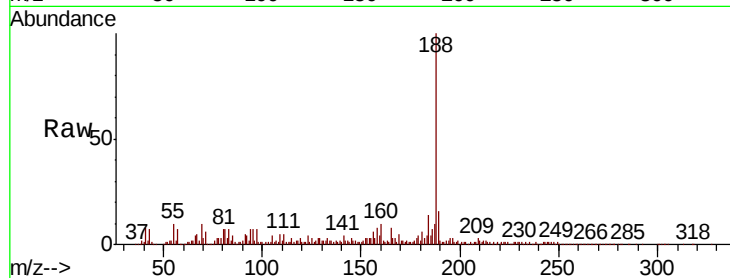
Tot Ion:188 Resp: 1484032

Ion Ratio Lower Upper

188 100

94 6.7 5.0 7.6

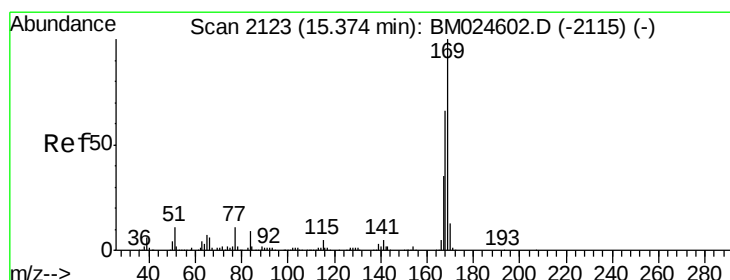
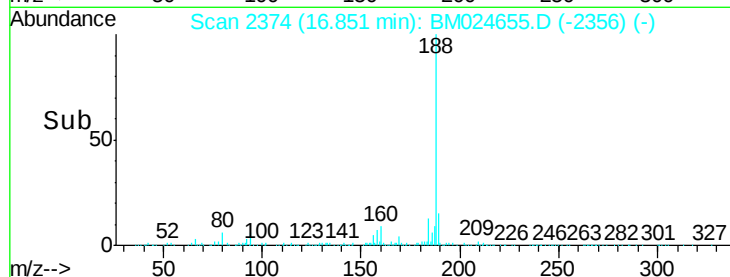
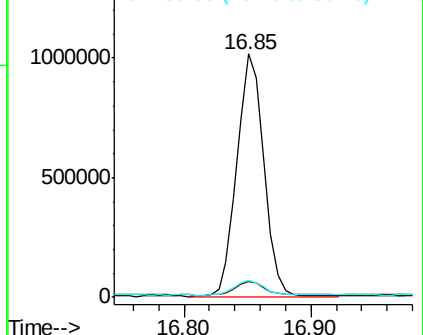
80 7.1 5.8 8.8



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



#66

n-Nitrosodiphenylamine

Concen: 8.890 ng

RT: 15.38 min Scan# 2124

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

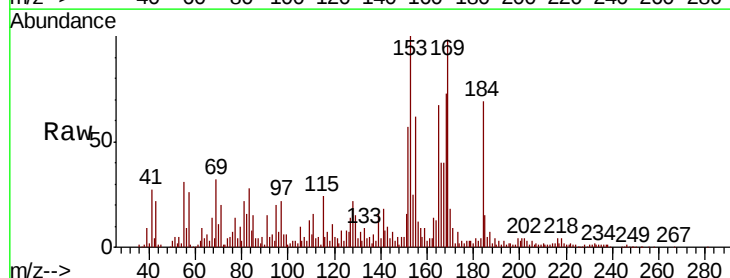
Tgt Ion:169 Resp: 378986

Ion Ratio Lower Upper

169 100

168 74.7 52.8 79.2

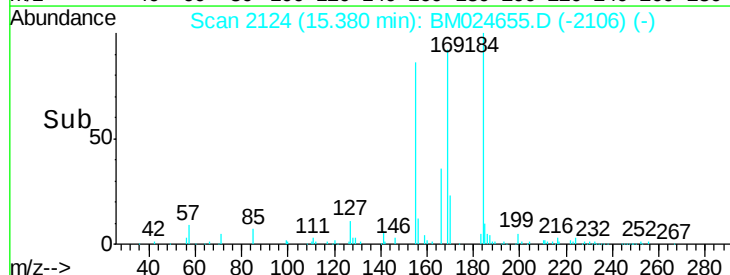
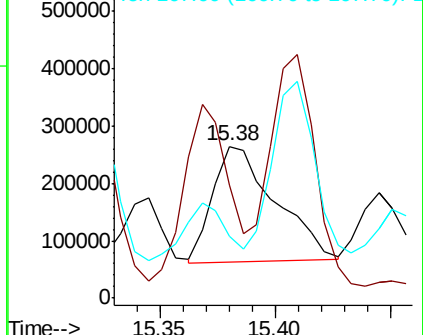
167 40.9 28.2 42.2

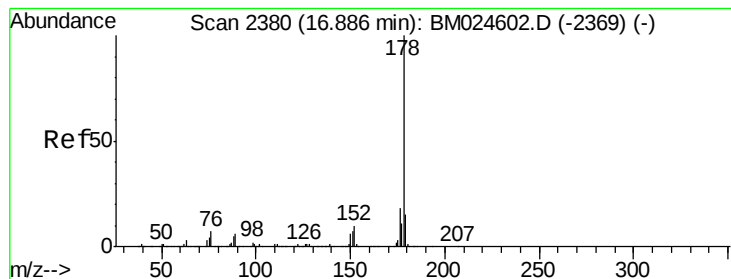


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#71

Phenanthrene

Concen: 196.202 ng

RT: 16.90 min Scan# 2382

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

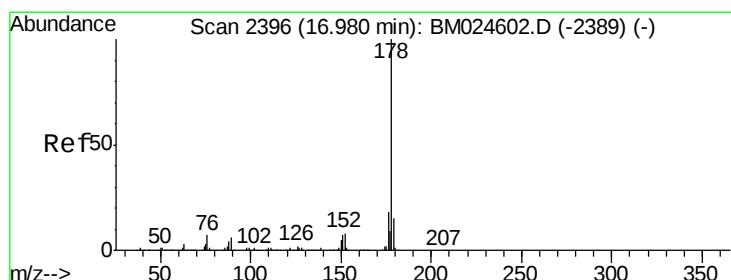
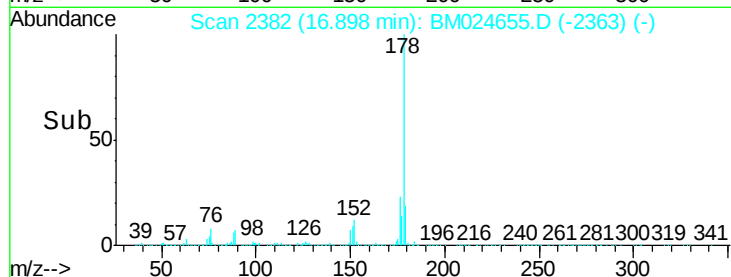
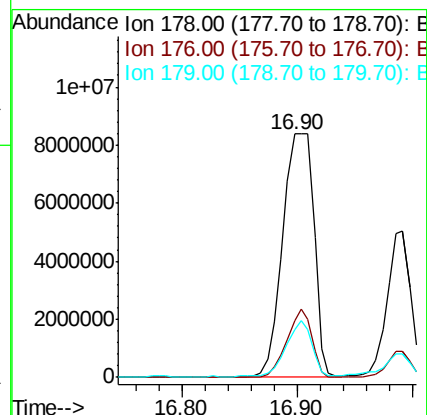
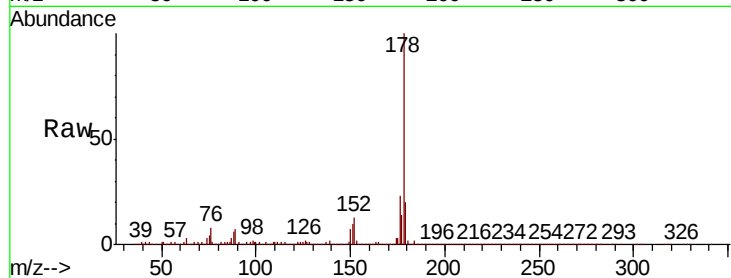
Tot Ion:178 Resp:15767354

Ion Ratio Lower Upper

178 100

176 23.3 14.5 21.7#

179 19.7 11.9 17.9#



#72

Anthracene

Concen: 89.101 ng

RT: 16.99 min Scan# 2398

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

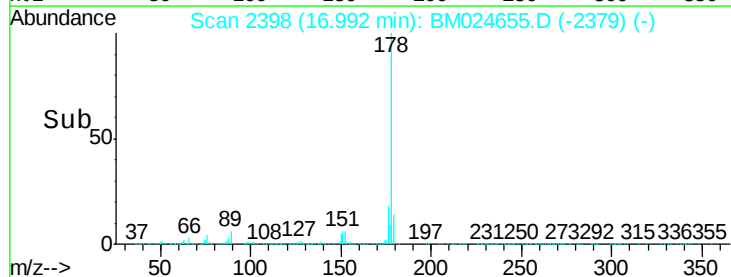
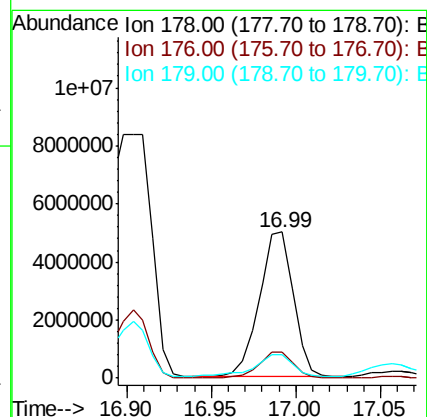
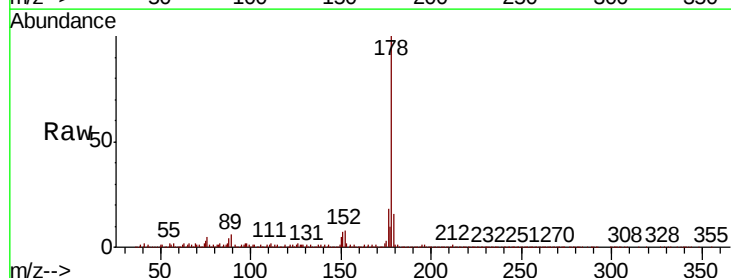
Tgt Ion:178 Resp: 7006252

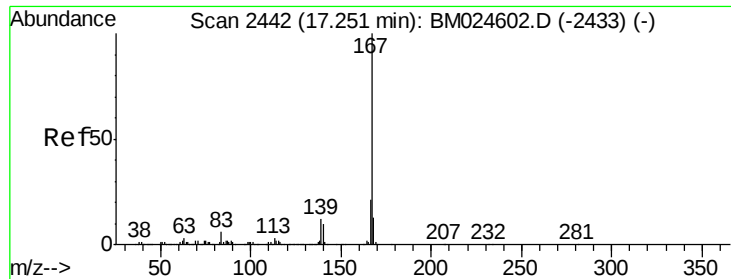
Ion Ratio Lower Upper

178 100

176 18.1 14.3 21.5

179 15.7 12.1 18.1

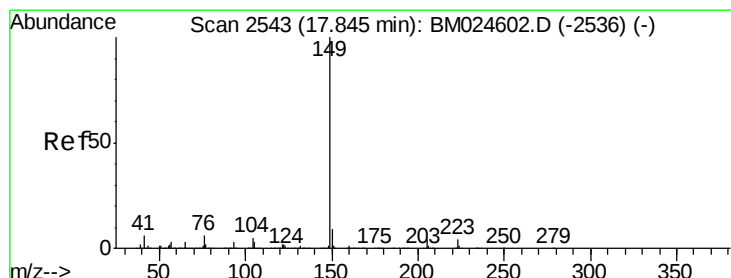
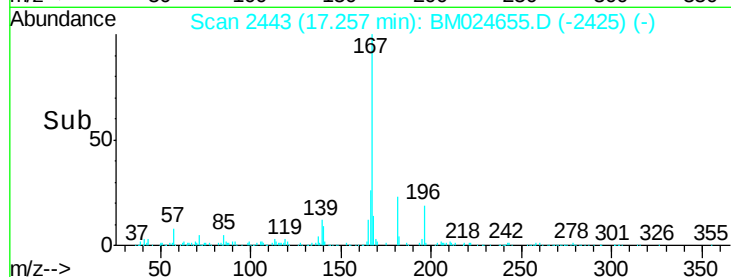
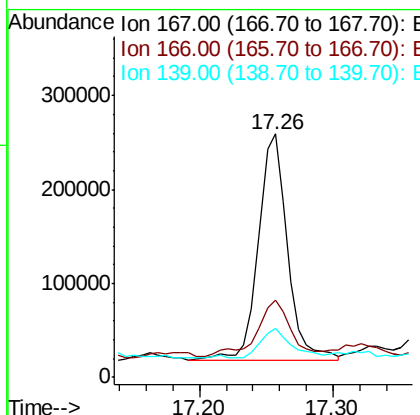
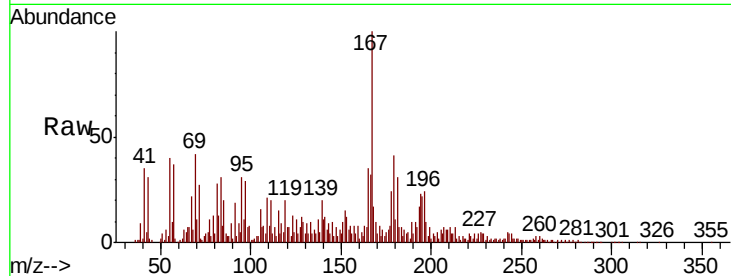




#73
 Carbazole
 Concen: 5.092 ng
 RT: 17.26 min Scan# 2443
 Delta R.T. 0.01 min
 Lab File: BM024655.D
 Acq: 29 Jan 2020 18:05

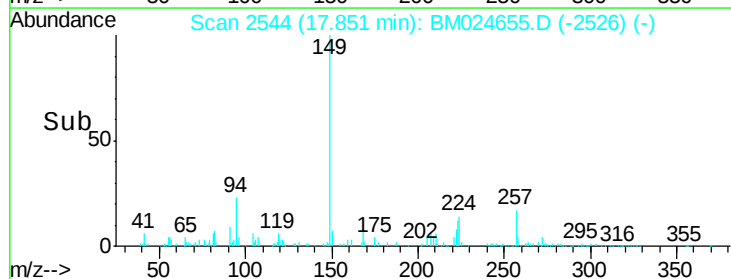
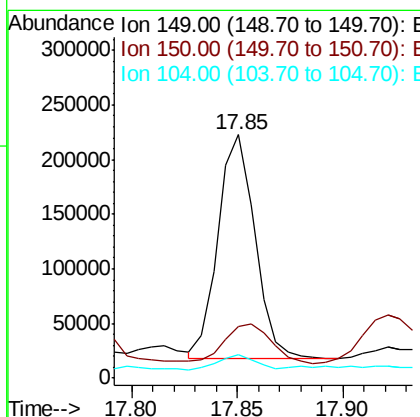
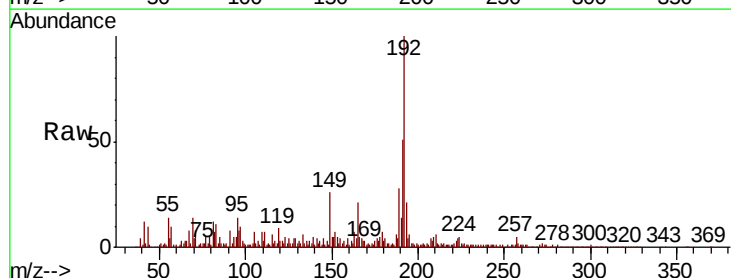
Instrument :
 BNA_M
 ClientSampleId :

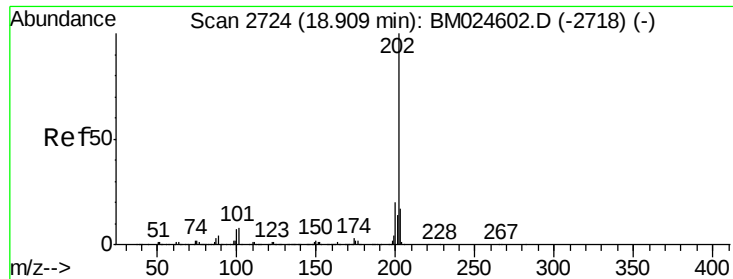
Tot Ion	Ratio	Lower	Upper
167	100		
166	31.5	17.1	25.7#
139	20.4	9.8	14.8#



#74
 Di-n-butylphthalate
 Concen: 2.703 ng
 RT: 17.85 min Scan# 2544
 Delta R.T. 0.01 min
 Lab File: BM024655.D
 Acq: 29 Jan 2020 18:05

Tgt Ion	Ratio	Lower	Upper
149	100		
150	21.3	7.4	11.0#
104	9.7	4.3	6.5#

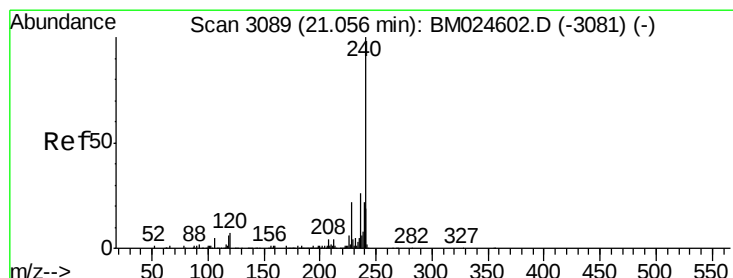
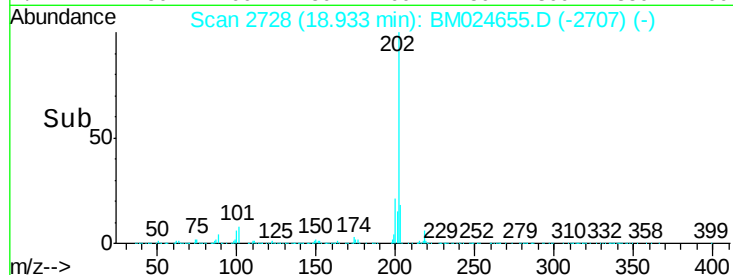
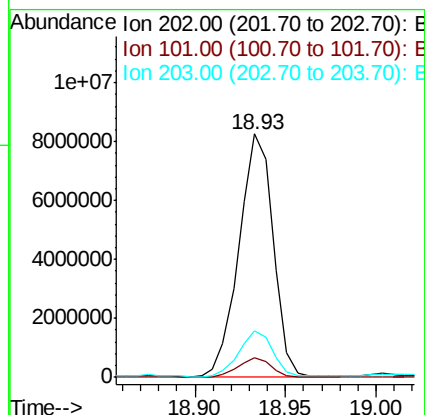
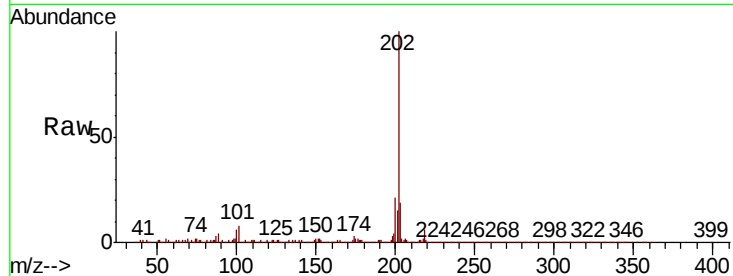




#75
 Fluoranthene
 Concen: 107.309 ng
 RT: 18.93 min Scan# 2728
 Delta R.T. 0.02 min
 Lab File: BM024655.D
 Acq: 29 Jan 2020 18:05

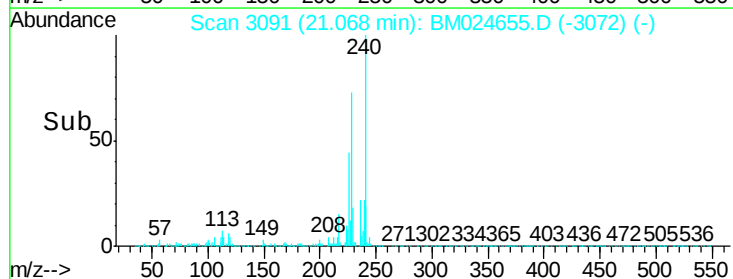
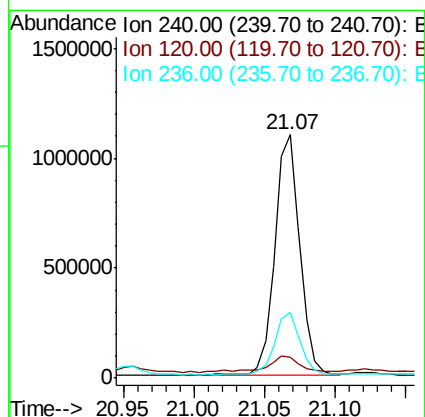
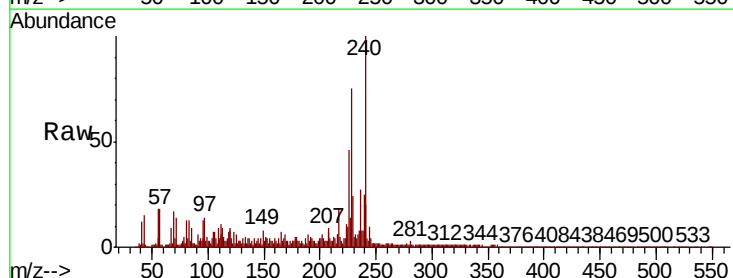
Instrument :
 BNA_M
 ClientSampleId :

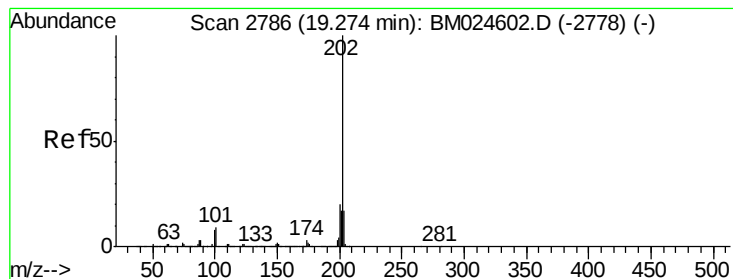
Tot Ion:202 Resp:10763181
 Ion Ratio Lower Upper
 202 100
 101 8.1 0.0 28.4
 203 19.1 0.0 37.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. 0.01 min
 Lab File: BM024655.D
 Acq: 29 Jan 2020 18:05

Tgt Ion:240 Resp: 1348748
 Ion Ratio Lower Upper
 240 100
 120 8.7 5.3 7.9#
 236 26.9 20.6 31.0





#78

Pvrene

Concen: 155.082 ng

RT: 19.29 min Scan# 2789

Delta R.T. 0.02 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampled :

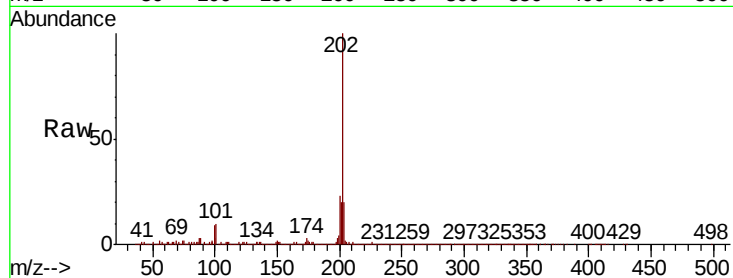
Tot Ion:202 Resp:13789066

Ion Ratio Lower Upper

202 100

200 23.3 16.2 24.2

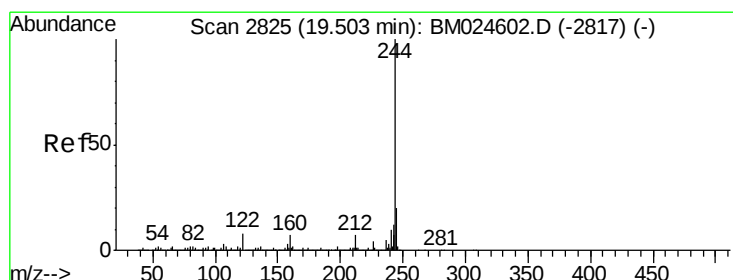
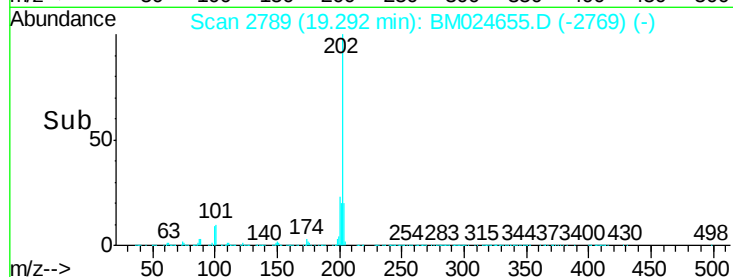
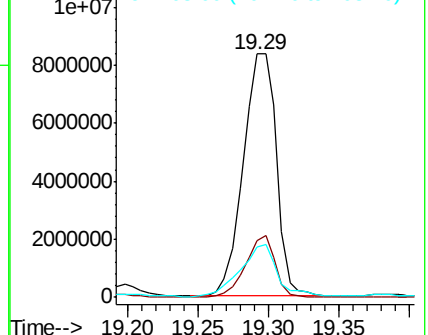
203 20.4 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 53.592 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

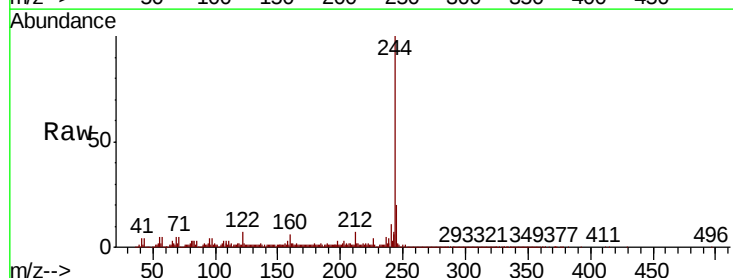
Tgt Ion:244 Resp: 3871779

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

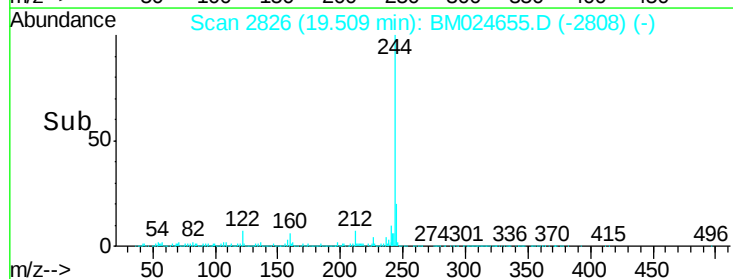
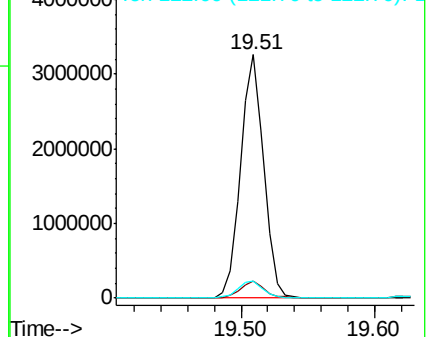
122 7.2 6.2 9.4

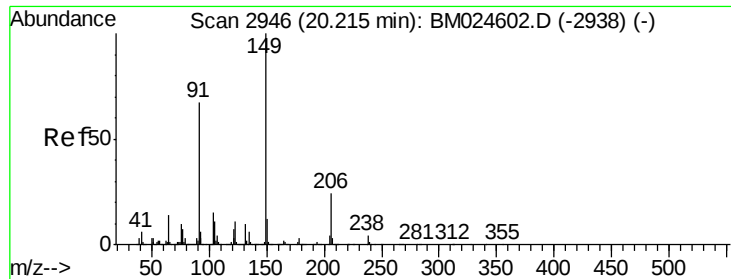


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

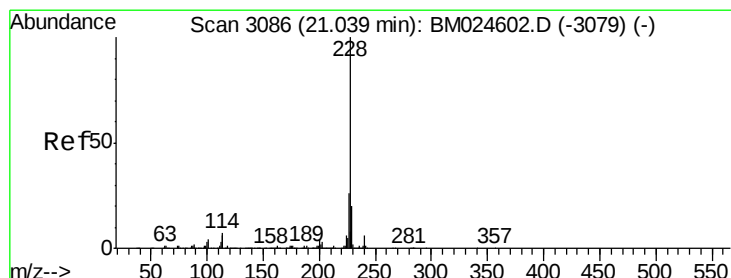
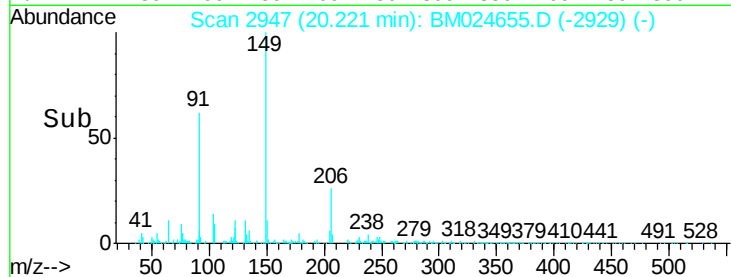
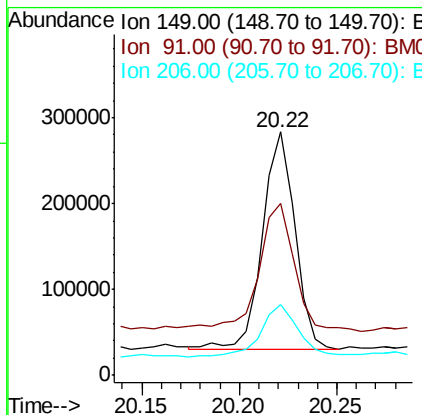
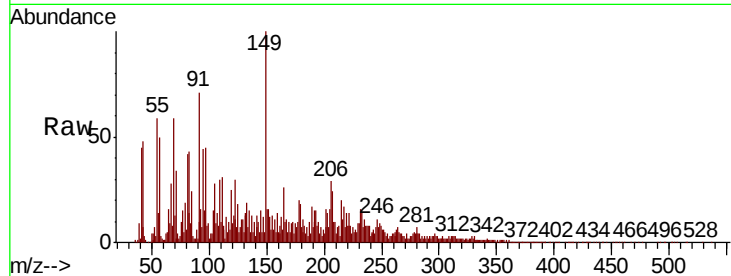




#80
 Butylbenzylphthalate
 Concen: 7.862 ng
 RT: 20.22 min Scan# 2947
 Delta R.T. 0.01 min
 Lab File: BM024655.D
 Acq: 29 Jan 2020 18:05

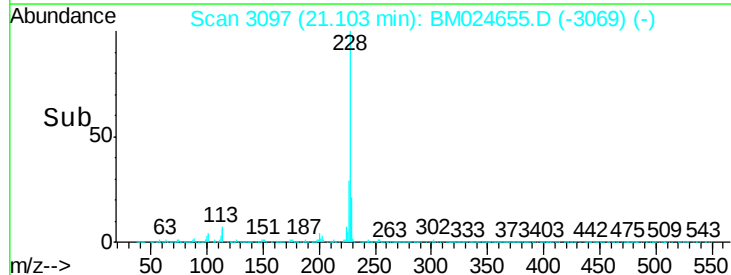
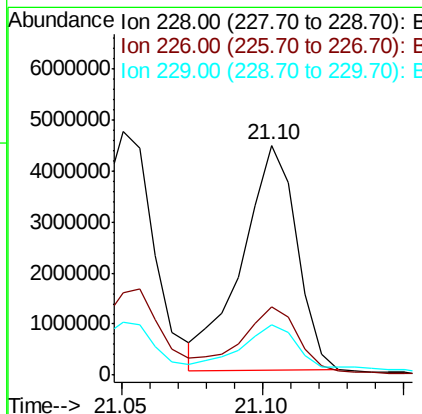
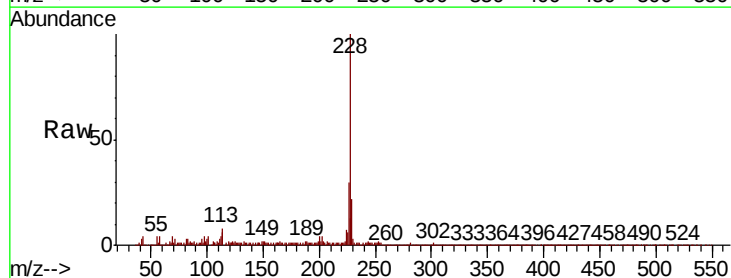
Instrument :
 BNA_M
 ClientSampleId :

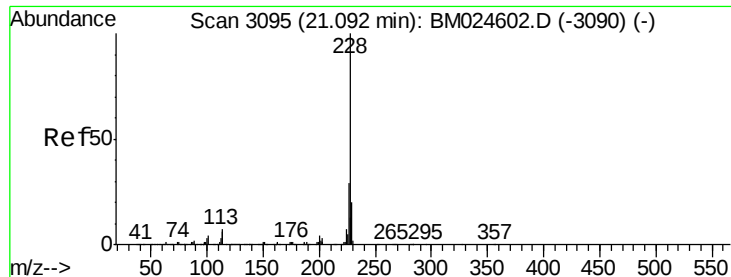
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.8	53.9	80.9
206	29.0	19.0	28.6



#81
 Benzo(a)anthracene
 Concen: 63.541 ng
 RT: 21.10 min Scan# 3097
 Delta R.T. 0.06 min
 Lab File: BM024655.D
 Acq: 29 Jan 2020 18:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	21.1	31.7
229	22.1	15.8	23.6





#83

Chrysene

Concen: 69.088 ng

RT: 21.10 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

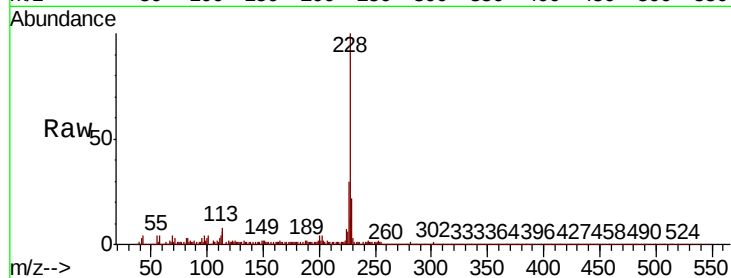
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 6171262

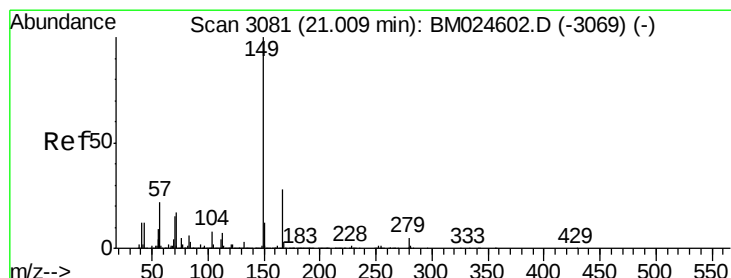
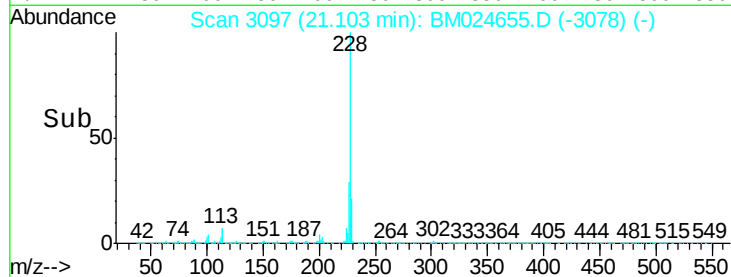
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.2	34.8
229	22.1	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 157.206 ng

RT: 21.02 min Scan# 3083

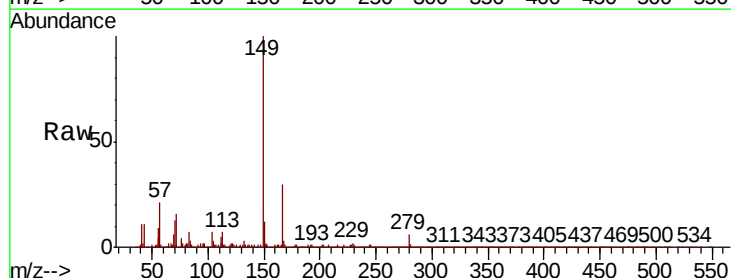
Delta R.T. 0.01 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Tgt Ion:149 Resp: 8654307

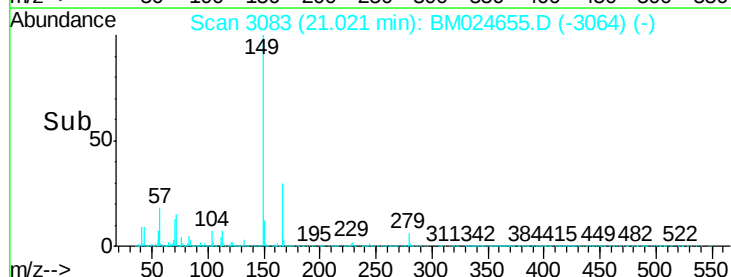
Ion	Ratio	Lower	Upper
149	100		
167	30.4	22.5	33.7
279	6.1	4.0	6.0#

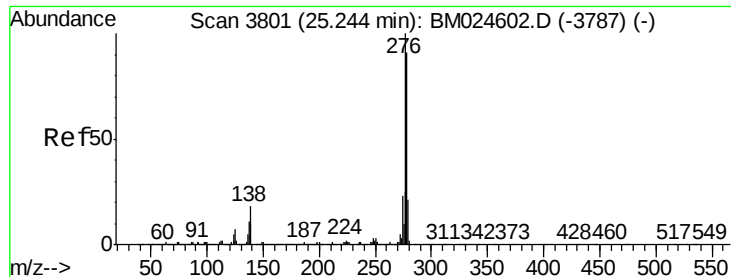


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86

Indeno(1,2,3-cd)pyrene

Concen: 25.406 ng

RT: 25.27 min Scan# 3806

Delta R.T. 0.03 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

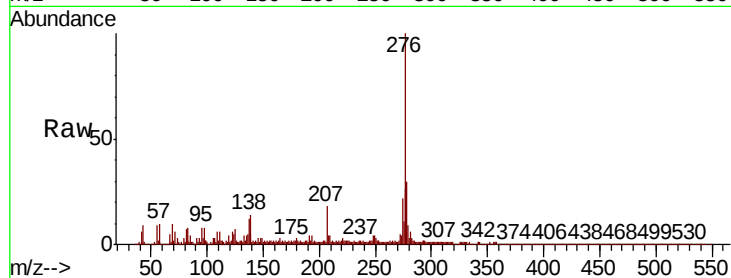
Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 2473421

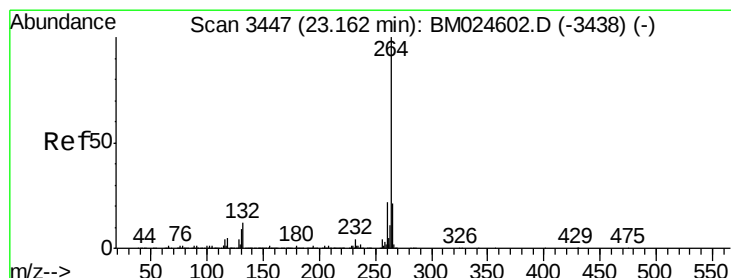
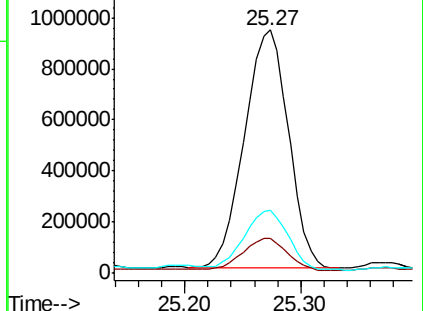
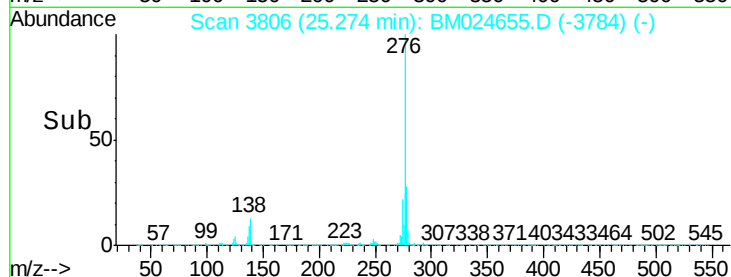
Ion	Ratio	Lower	Upper
276	100		
138	13.9	13.4	20.0
277	24.9	19.6	29.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.19 min Scan# 3451

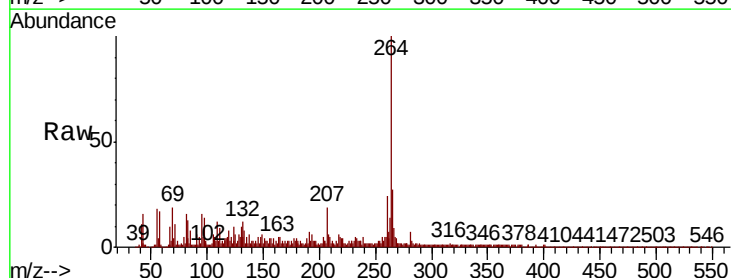
Delta R.T. 0.02 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Tgt Ion:264 Resp: 1598306

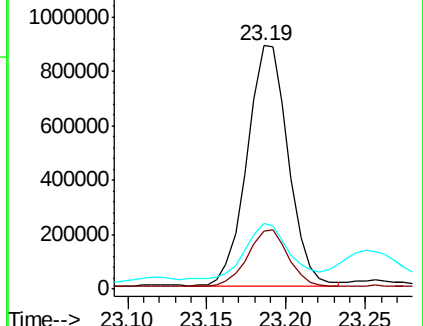
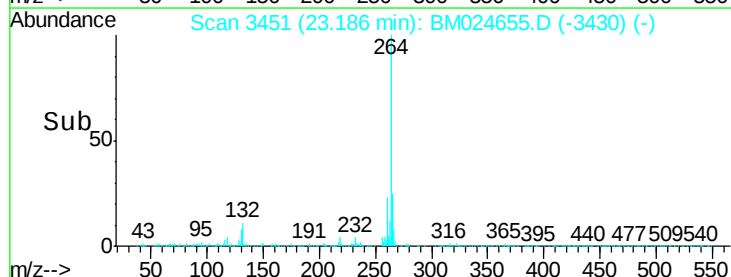
Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.9	26.9
265	27.2	17.3	25.9

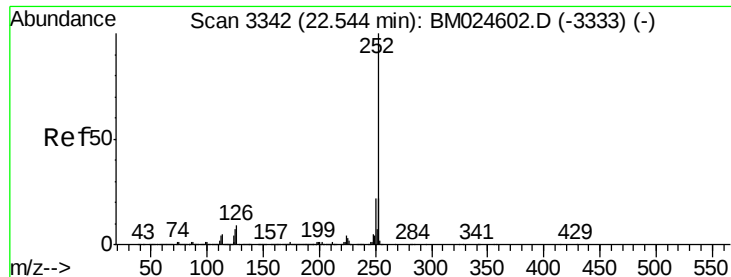


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

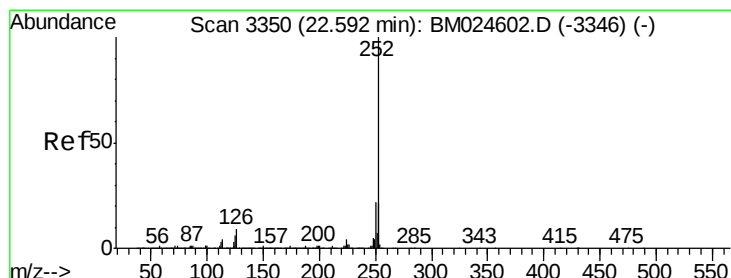
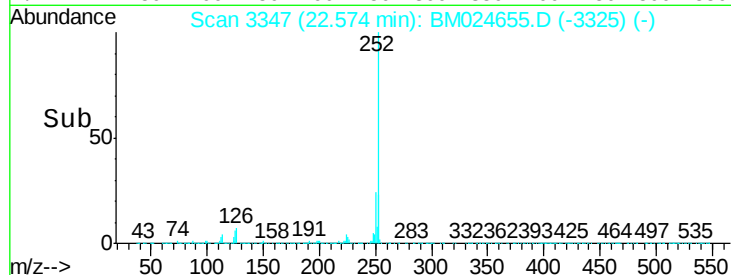
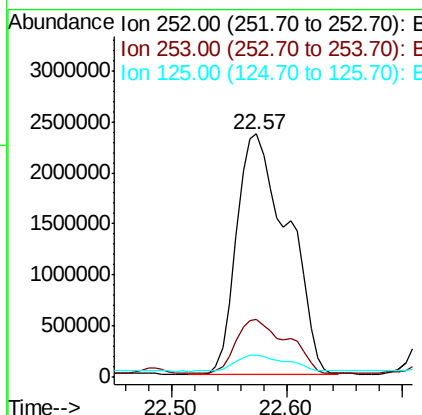
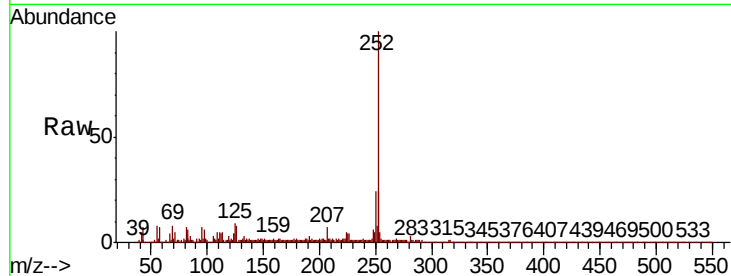




#88
Benzo(b)fluoranthene
Concen: 70.116 ng
RT: 22.57 min Scan# 3347
Delta R.T. 0.03 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

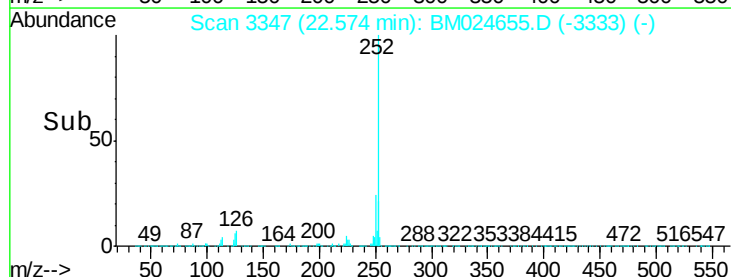
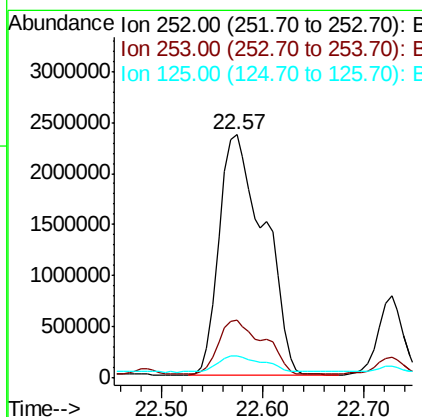
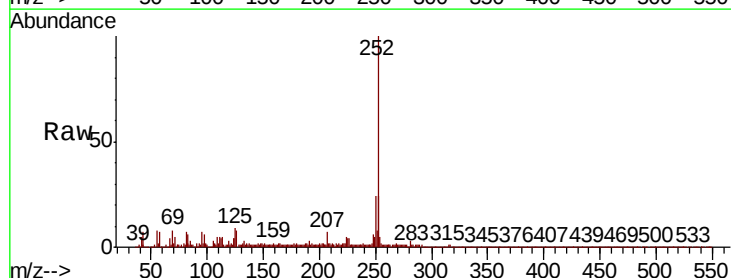
Instrument :
BNA_M
ClientSampleId :

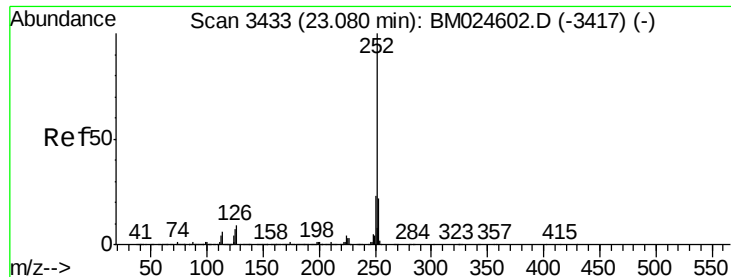
Tot Ion:252 Resp: 7268379
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 9.0 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 71.591 ng
RT: 22.57 min Scan# 3347
Delta R.T. -0.02 min
Lab File: BM024655.D
Acq: 29 Jan 2020 18:05

Tgt Ion:252 Resp: 7243855
Ion Ratio Lower Upper
252 100
253 23.9 17.3 25.9
125 9.0 5.2 7.8#





#90

Benzo(a)pyrene

Concen: 53.986 ng

RT: 23.10 min Scan# 3437

Delta R.T. 0.02 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

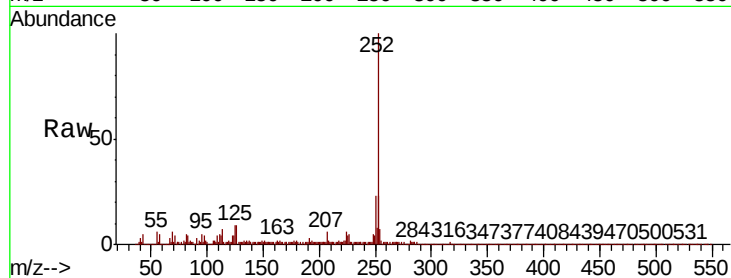
Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 5088076

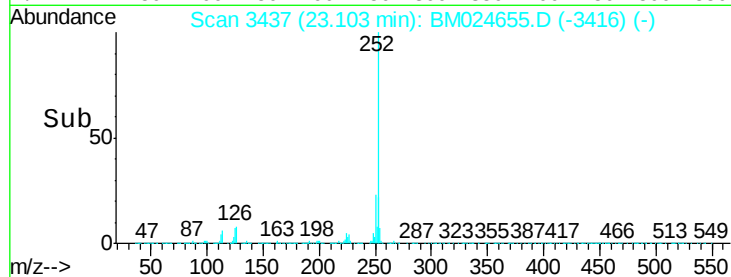
Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	8.5	5.8	8.8



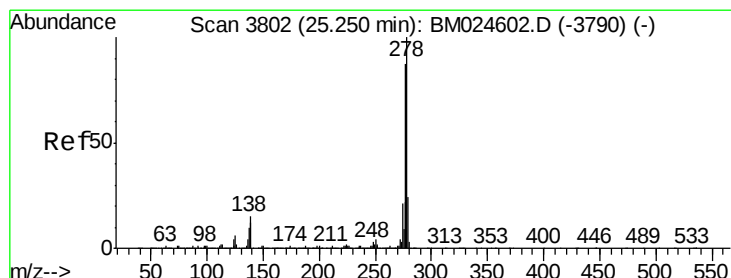
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#91

Dibenzo(a,h)anthracene

Concen: 8.700 ng

RT: 25.27 min Scan# 3806

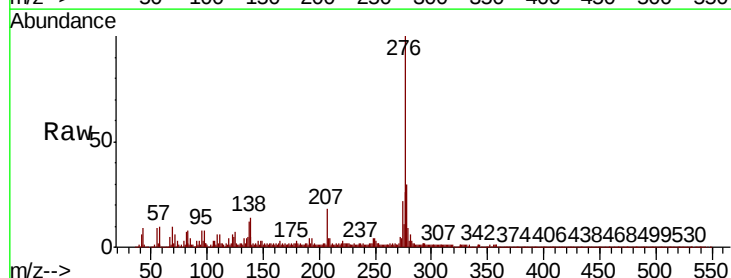
Delta R.T. 0.02 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Tgt Ion:278 Resp: 778261

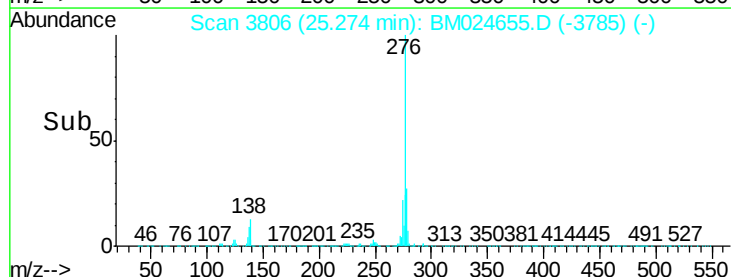
Ion	Ratio	Lower	Upper
278	100		
139	15.9	9.3	13.9#
279	29.3	18.9	28.3#



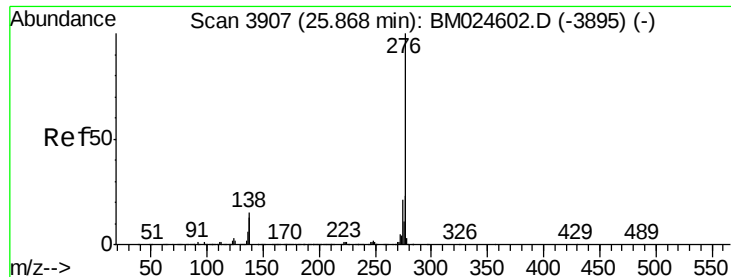
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92

Benzo(a,h,i)perylene

Concen: 30.065 ng

RT: 25.90 min Scan# 3913

Delta R.T. 0.04 min

Lab File: BM024655.D

Acq: 29 Jan 2020 18:05

Instrument :

BNA_M

ClientSampleId :

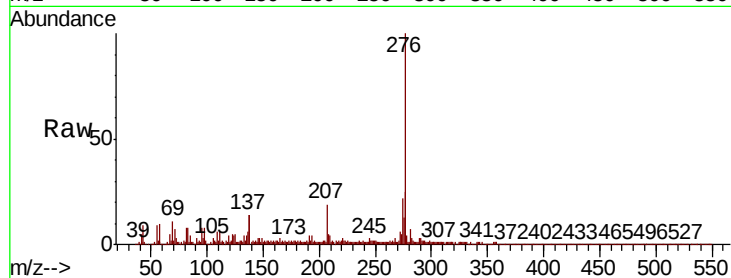
Tot Ion:276 Resp: 2442013

Ion Ratio Lower Upper

276 100

277 25.0 18.6 28.0

138 14.2 11.9 17.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

