

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
 Data File : BM028234.D
 Acq On : 22 Dec 2020 12:13
 Operator : JU/CG
 Sample : L5114-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A54P5

Quant Time: Dec 22 12:48:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 22 09:49:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	107137	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	427451	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	237127	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	479014	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	462085	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	464340	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	13981	5.19	ng/uL	0.00
5) Phenol-d5	7.33	99	298083	33.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	175777	30.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	247795	32.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	233349	31.70	ng/ul	0.00
19) Nitrobenzene-d5	9.37	128	114843	34.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	123230	36.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	224537	32.50	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	316352	38.63	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	664393	36.37	ng/ul	0.00
47) Acenaphthylene-d8	14.52	160	830288	36.22	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	117603	35.40	ng/ul	0.00
58) Fluorene-d10	15.81	176	561321	34.34	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	90622	31.77	ng/ul	0.00
71) Anthracene-d10	17.64	188	866422	36.44	ng/ul	0.00
79) Pyrene-d10	19.90	212	933182	36.21	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.88	264	955988	37.38	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.45	88	45673	16.423	ng/uL 94
4) Benzaldehyde	7.32	77	146913	34.182	ng/ul 99
6) Phenol	7.36	94	455747	50.518	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.60	93	251587	33.605	ng/ul 95
17) Hexachloroethane	9.29	117	135235	40.964	ng/ul 99
20) Nitrobenzene	9.42	77	153704	18.534	ng/ul 96
23) 2-Nitrophenol	10.13	139	151921	40.400	ng/ul 95
28) Naphthalene	11.07	128	918284	37.884	ng/ul 99
34) 2-Methylnaphthalene	12.67	142	869828	52.694	ng/ul 98
37) 1,2,4,5-Tetrachlorobenzene	13.03	216	150079	19.311	ng/ul 98
40) 2,4,5-Trichlorophenol	13.33	196	312718	61.084	ng/ul 99
41) 1,1'-Biphenyl	13.67	154	779046	38.985	ng/ul 99
42) 2-Chloronaphthalene	13.71	162	582175	37.228	ng/ul 98
48) Acenaphthylene	14.55	152	859242	36.985	ng/ul 99
50) Acenaphthene	14.89	153	513891	30.819	ng/ul 99
53) 4-Nitrophenol	15.01	109	68010	26.310	ng/ul 95
54) Dibenzofuran	15.22	168	368959	16.167	ng/ul 96
55) 2,4-Dinitrotoluene	15.17	165	132650	25.959	ng/ul 96
57) Diethylphthalate	15.62	149	376976	19.856	ng/ul 98
59) Fluorene	15.86	166	673865	35.363	ng/ul 99
67) Hexachlorobenzene	16.86	284	96138	15.331	ng/ul 98
70) Phenanthrene	17.59	178	877275	30.252	ng/ul 100
72) Anthracene	17.68	178	1539328	52.161	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

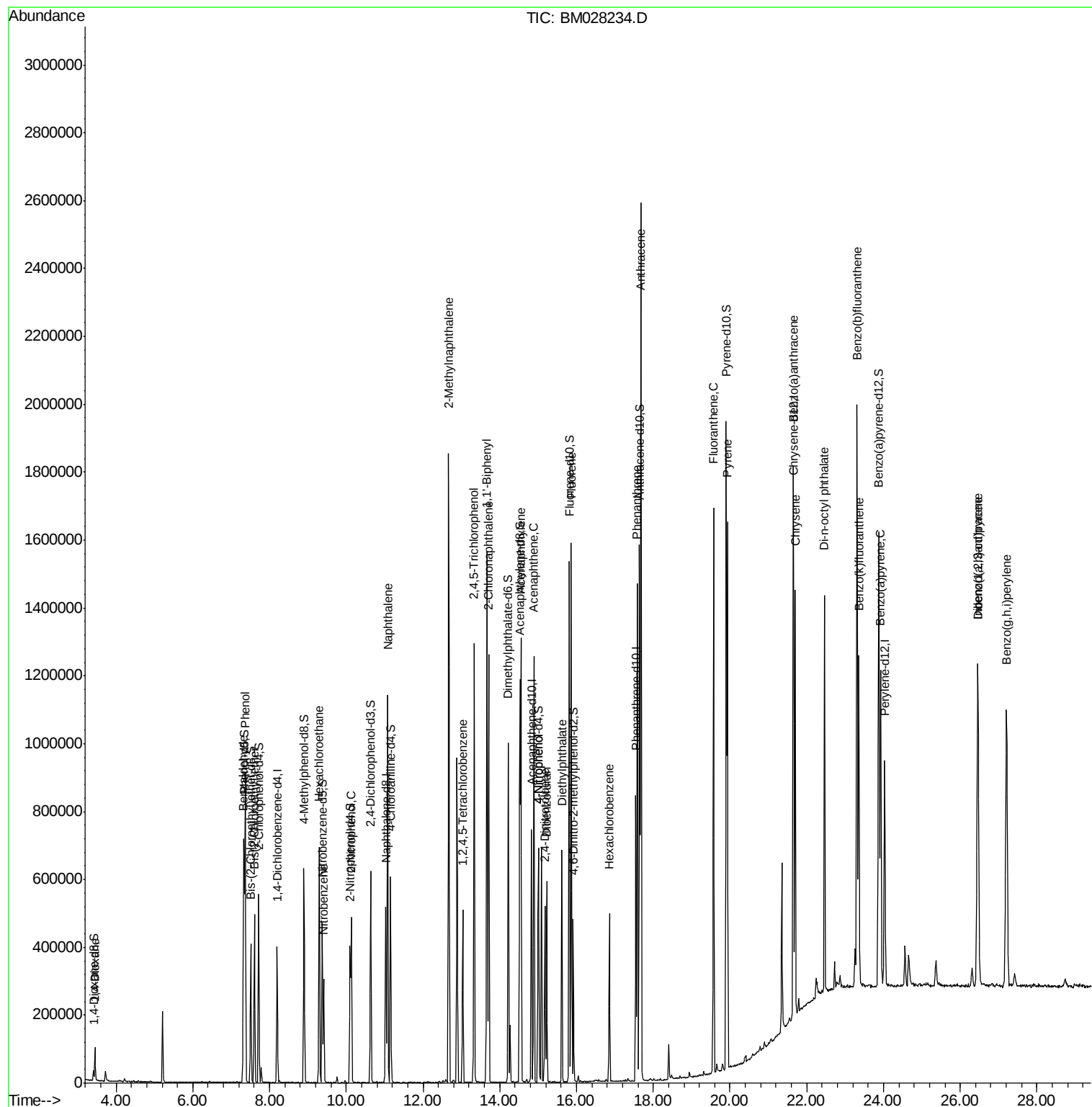
77) Fluoranthene	19.57	202	936024	30.582	ng/ul	98
80) Pyrene	19.93	202	852447	24.479	ng/ul	99
83) Benzo(a)anthracene	21.64	228	719399	23.227	ng/ul	100
85) Chrysene	21.70	228	587297	19.294	ng/ul	99
87) Di-n-octyl phthalate	22.46	149	724579	21.673	ng/ul	100
88) Benzo(b)fluoranthene	23.31	252	1240882	39.524	ng/ul	100
89) Benzo(k)fluoranthene	23.36	252	600153	19.274	ng/ul	99
91) Benzo(a)pyrene	23.93	252	688560	24.333	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.46	276	728021	22.527	ng/ul	98
93) Dibenzo(a,h)anthracene	26.46	278	417545	15.243	ng/ul	98
94) Benzo(a,h,i)perylene	27.21	276	990263	36.486	ng/ul	98

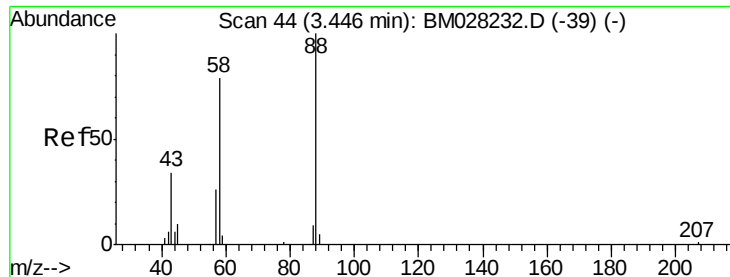
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 16.423 ng/uL

RT: 3.45 min Scan# 44

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Instrument :

BNA_M

ClientSampleId :

A54P5

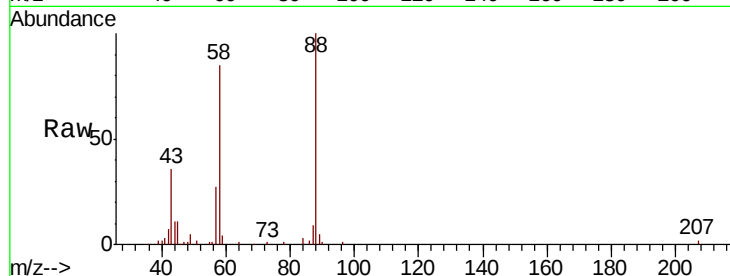
Tot Ion: 88 Resp: 45673

Ion Ratio Lower Upper

88 100

43 35.9 31.6 47.4

58 85.0 72.3 108.5

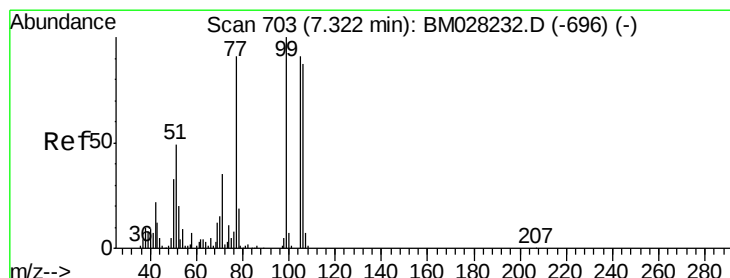
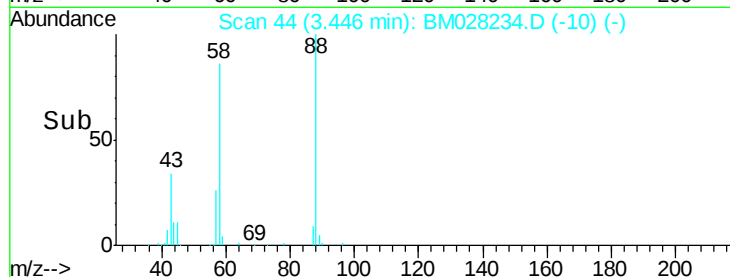


Abundance Ion 88.00 (87.70 to 88.70): BM028234.D (-10) (-)

Ion 43.00 (42.70 to 43.70): BM028234.D (-10) (-)

Ion 58.00 (57.70 to 58.70): BM028234.D (-10) (-)

Time-->



#4

Benzaldehyde

Concen: 34.182 ng/uL

RT: 7.32 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

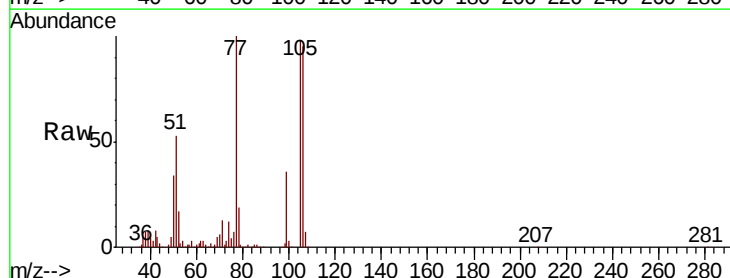
Tgt Ion: 77 Resp: 146913

Ion Ratio Lower Upper

77 100

105 97.9 77.8 116.6

106 94.5 76.2 114.2

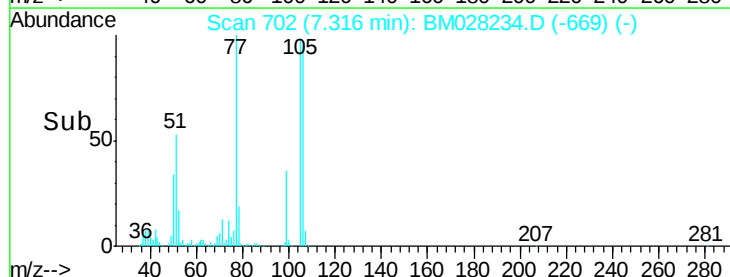


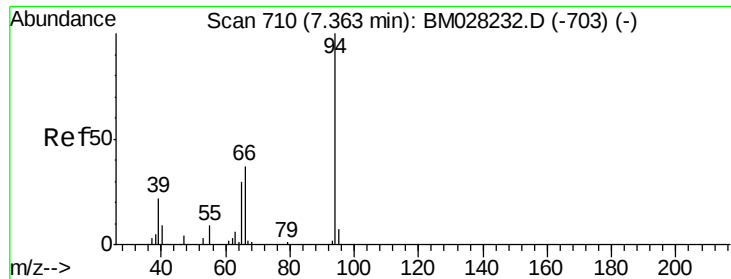
Abundance Ion 77.00 (76.70 to 77.70): BM028234.D (-669) (-)

Ion 105.00 (104.70 to 105.70): BM028234.D (-669) (-)

Ion 106.00 (105.70 to 106.70): BM028234.D (-669) (-)

Time-->





#6

Phenol

Concen: 50.518 ng/ul

RT: 7.36 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Instrument :

BNA_M

ClientSampleId :

A54P5

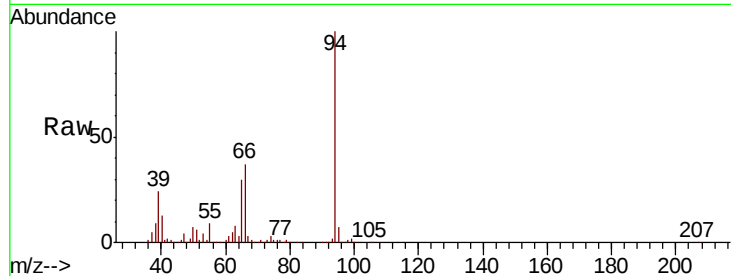
Tot Ion: 94 Resp: 455747

Ion Ratio Lower Upper

94 100

65 29.7 25.4 38.0

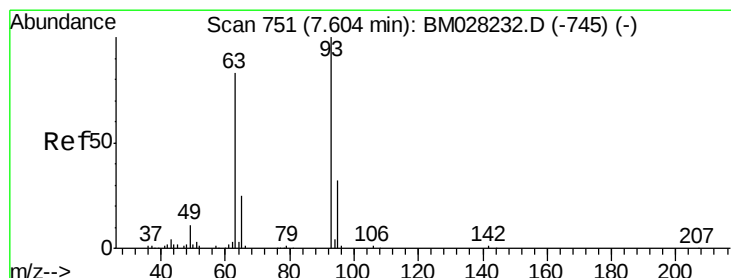
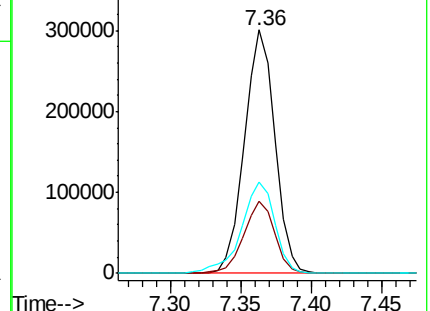
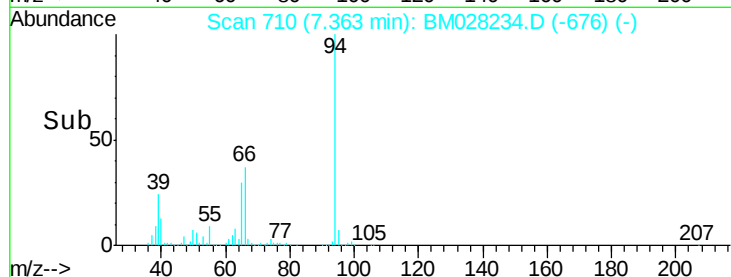
66 37.3 31.5 47.3



Abundance Ion 94.00 (93.70 to 94.70): BM028234.D (-676) (-)

Ion 65.00 (64.70 to 65.70): BM028234.D (-676) (-)

Ion 66.00 (65.70 to 66.70): BM028234.D (-676) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 33.605 ng/ul

RT: 7.60 min Scan# 751

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

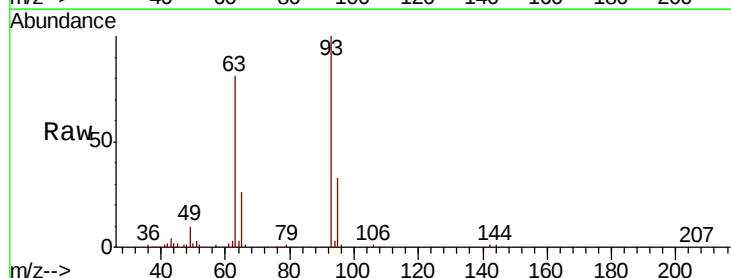
Tgt Ion: 93 Resp: 251587

Ion Ratio Lower Upper

93 100

63 81.1 69.6 104.4

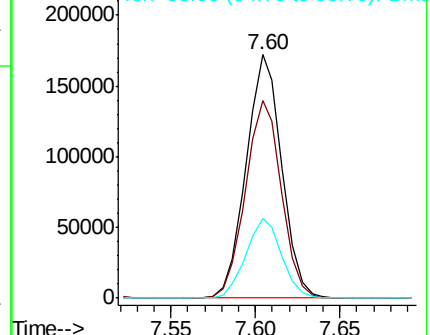
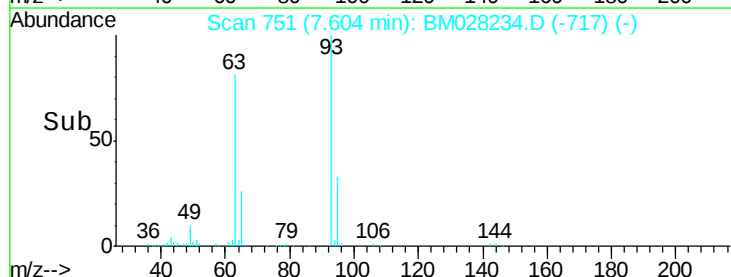
95 32.6 27.6 41.4

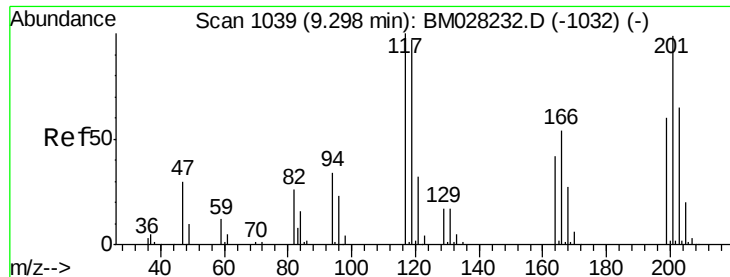


Abundance Ion 93.00 (92.70 to 93.70): BM028234.D (-717) (-)

Ion 63.00 (62.70 to 63.70): BM028234.D (-717) (-)

Ion 95.00 (94.70 to 95.70): BM028234.D (-717) (-)

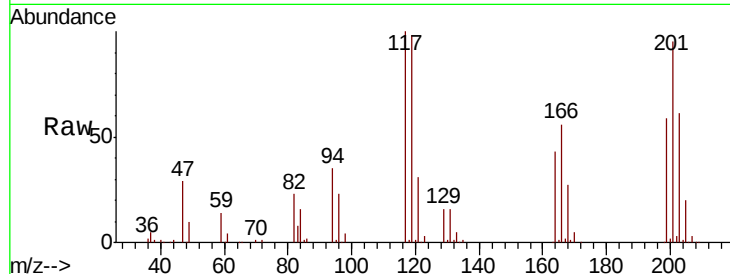




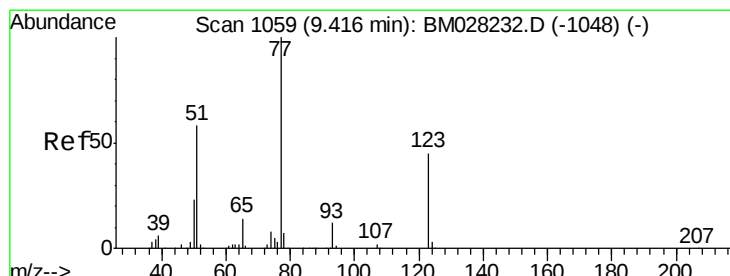
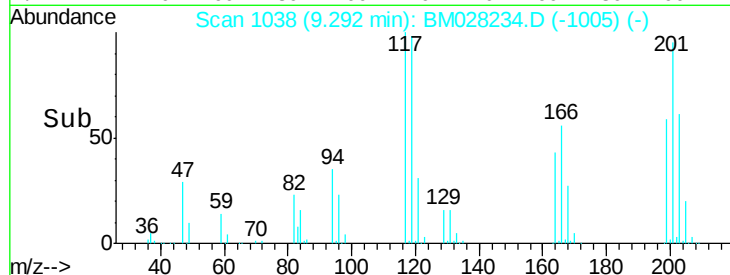
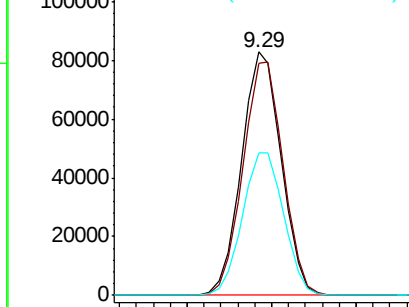
#17
 Hexachloroethane
 Concen: 40.964 ng/ul
 RT: 9.29 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BM028234.D
 Acq: 22 Dec 2020 12:13

Instrument :
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 ClientSampleId :
 A54P5

Tot Ion	Ratio	Lower	Upper
117	100		
201	95.5	77.8	116.8
199	58.7	47.1	70.7

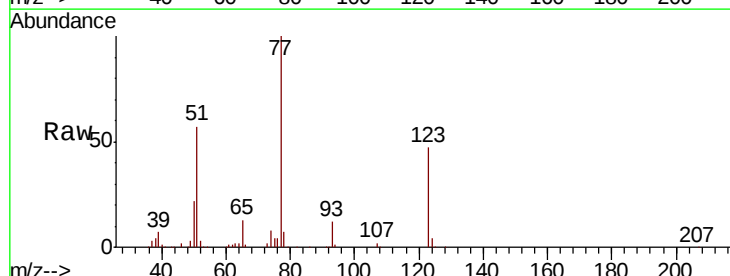


Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E

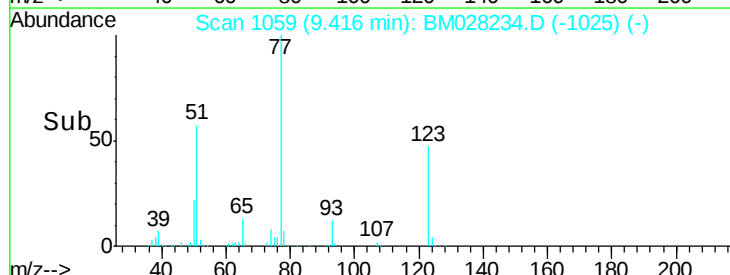
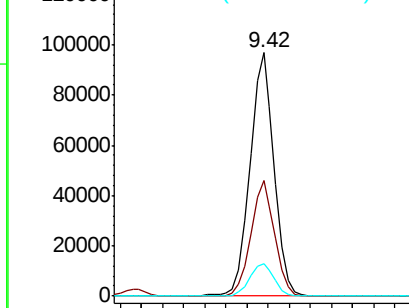


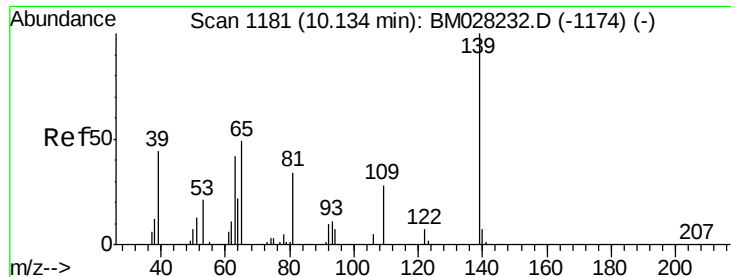
#20
 Nitrobenzene
 Concen: 18.534 ng/ul
 RT: 9.42 min Scan# 1059
 Delta R.T. -0.00 min
 Lab File: BM028234.D
 Acq: 22 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.4	35.3	52.9
65	13.4	11.4	17.2



Abundance Ion 77.00 (76.70 to 77.70): BM0
 Ion 123.00 (122.70 to 123.70): E
 Ion 65.00 (64.70 to 65.70): BM0

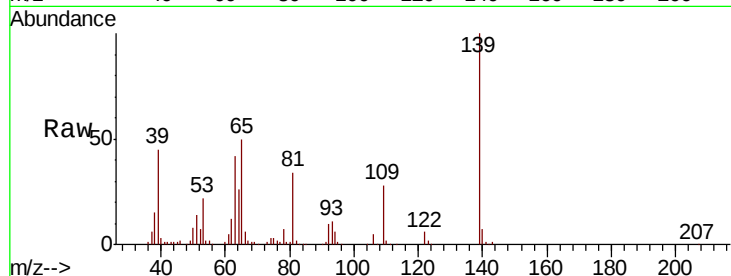




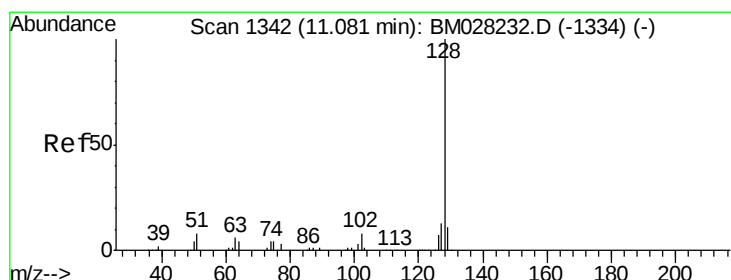
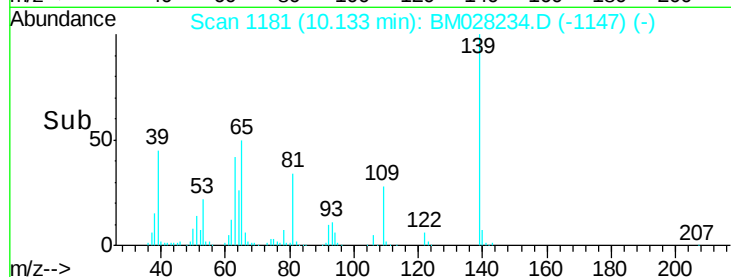
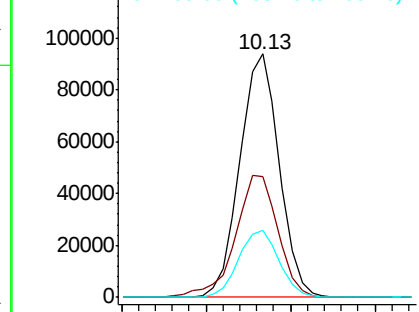
#23
2-Nitrophenol
Concen: 40.400 ng/ul
RT: 10.13 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

Instrument :
BNA_M
ClientSampleId :
A54P5

Tot Ion:139 Resp: 151921
Ion Ratio Lower Upper
139 100
65 49.7 43.0 64.6
109 27.6 23.8 35.6

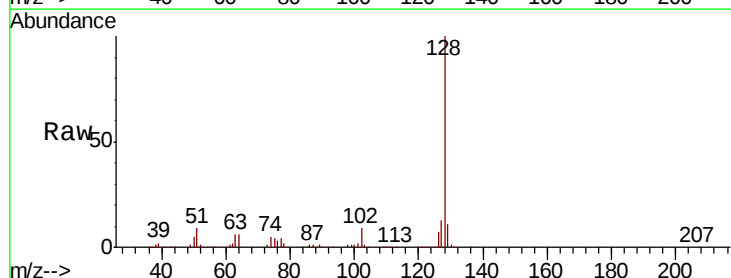


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 109.00 (108.70 to 109.70): E

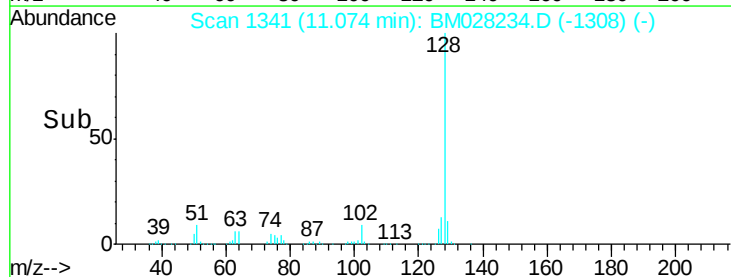
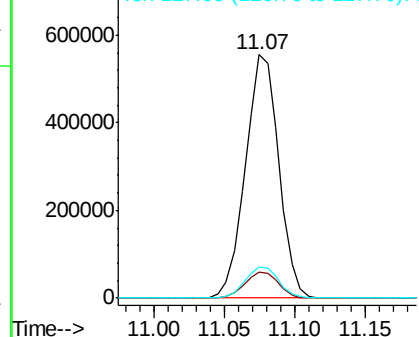


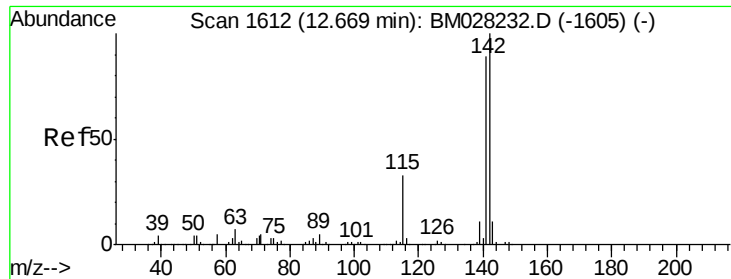
#28
Naphthalene
Concen: 37.884 ng/ul
RT: 11.07 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

Tgt Ion:128 Resp: 918284
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.9 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

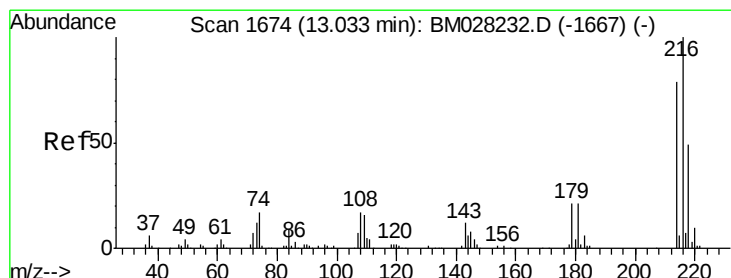
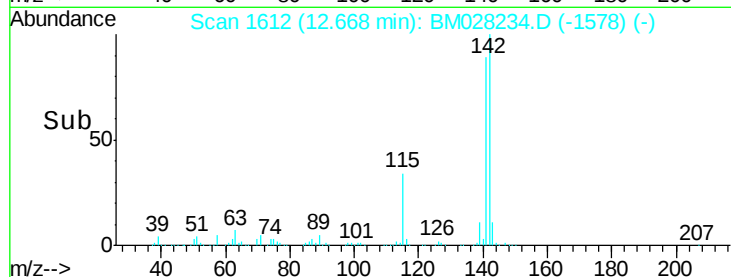
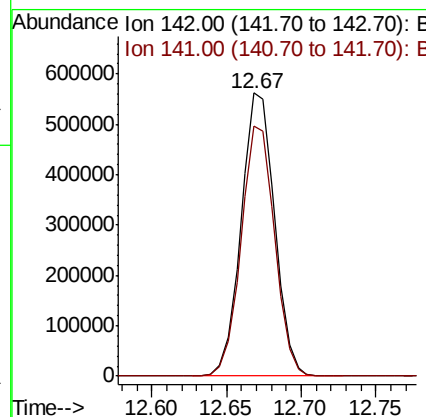
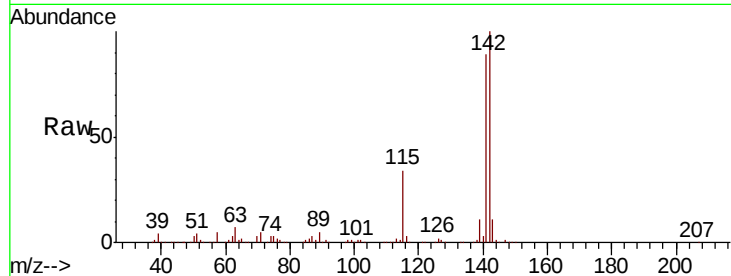




#34
2-Methylnaphthalene
Concen: 52.694 ng/ul
RT: 12.67 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

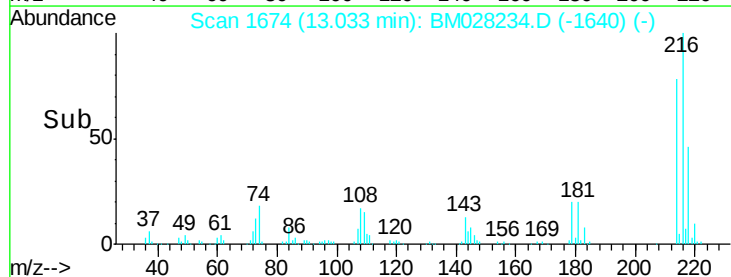
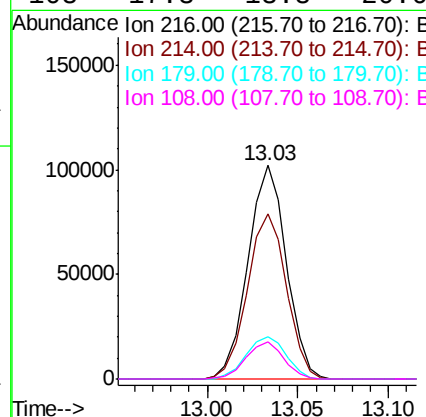
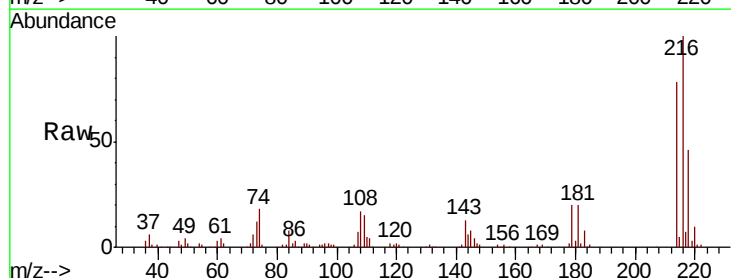
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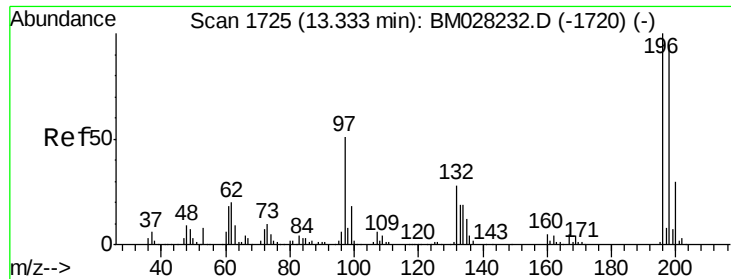
Tot Ion:142 Resp: 869828
Ion Ratio Lower Upper
142 100
141 88.5 72.4 108.6



#37
1,2,4,5-Tetrachlorobenzene
Concen: 19.311 ng/ul
RT: 13.03 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

Tgt Ion:216 Resp: 150079
Ion Ratio Lower Upper
216 100
214 77.5 60.9 91.3
179 19.8 17.0 25.6
108 17.3 13.8 20.6

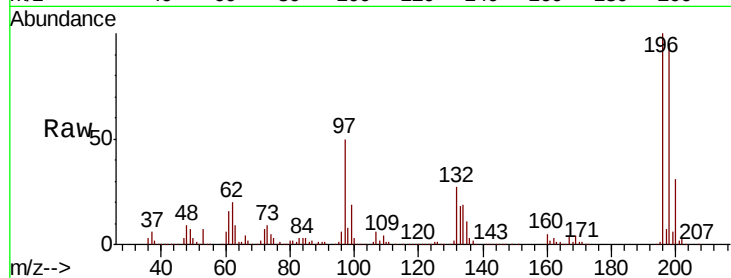




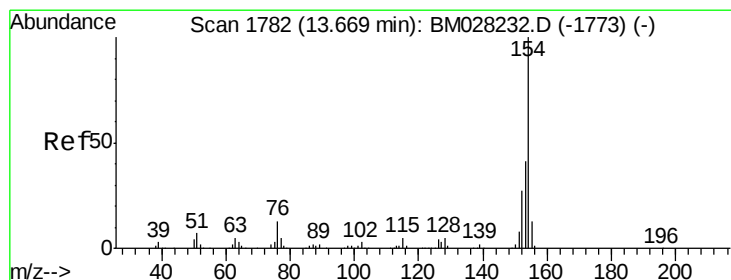
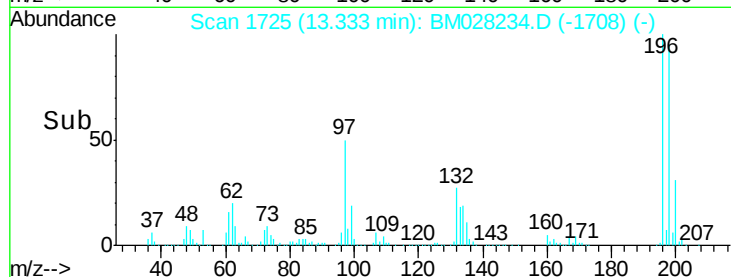
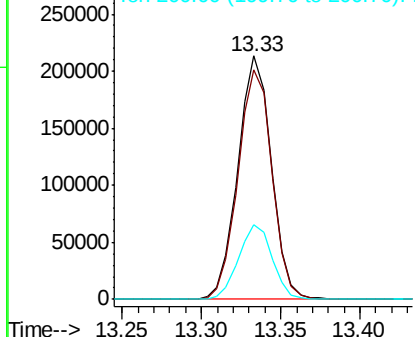
#40
2,4,5-Trichlorophenol
Concen: 61.084 ng/ul
RT: 13.33 min Scan# 1725
Delta R.T. -0.00 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

Instrument :
BNA_M
ClientSampled :
A54P5

Tot Ion:196 Resp: 312718
Ion Ratio Lower Upper
196 100
198 94.5 77.0 115.6
200 30.5 24.5 36.7

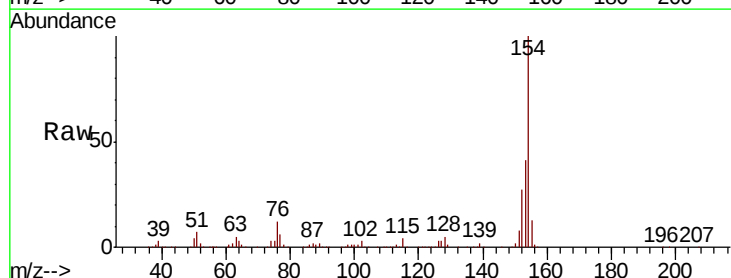


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

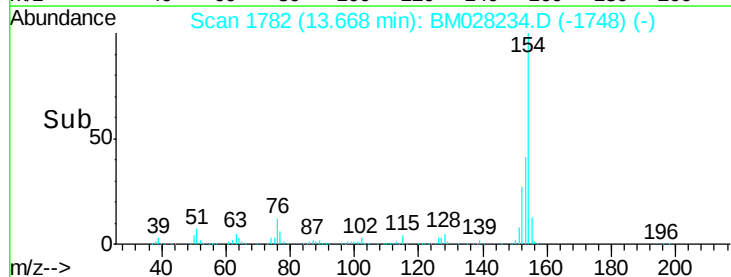
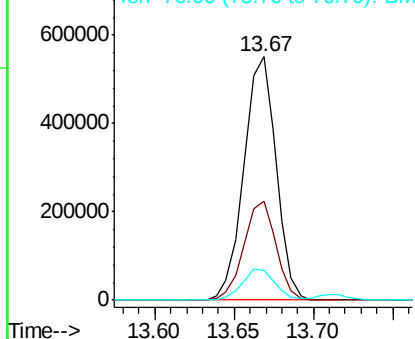


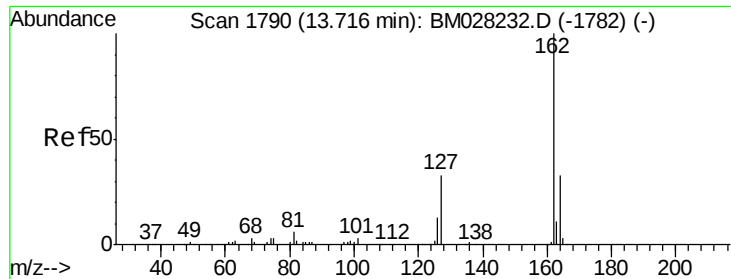
#41
1,1'-Biphenyl
Concen: 38.985 ng/ul
RT: 13.67 min Scan# 1782
Delta R.T. -0.00 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

Tgt Ion:154 Resp: 779046
Ion Ratio Lower Upper
154 100
153 40.5 32.1 48.1
76 12.5 10.1 15.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

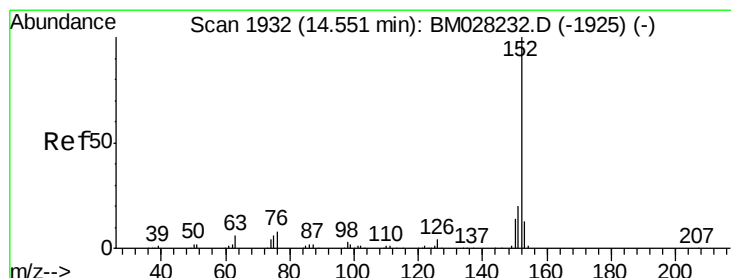
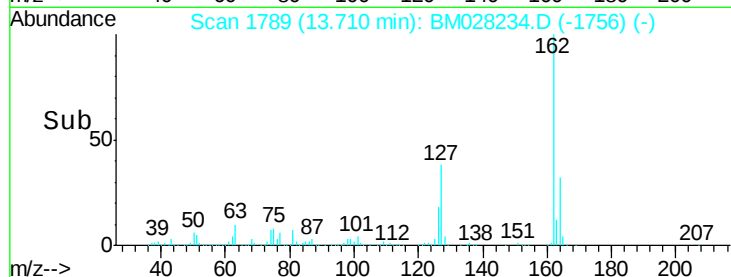
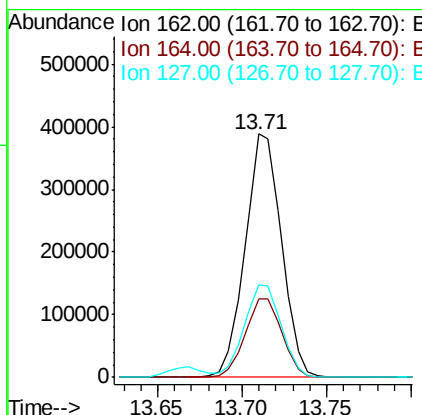
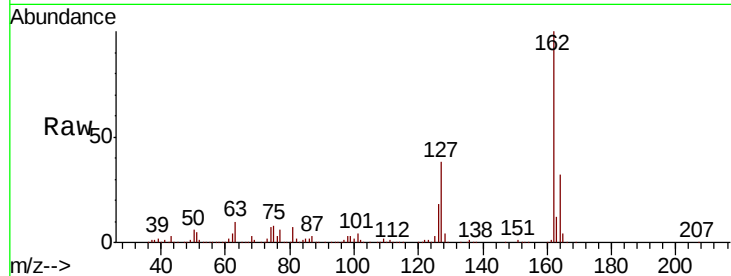




#42
2-Chloronaphthalene
Concen: 37.228 ng/ul
RT: 13.71 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

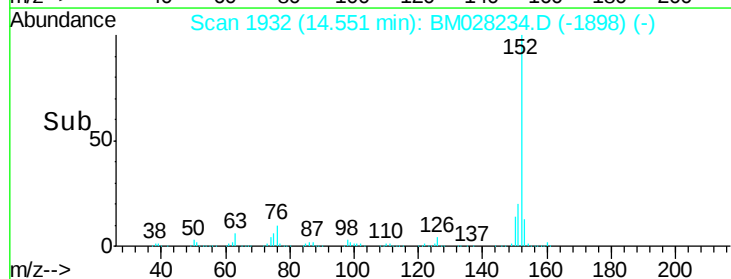
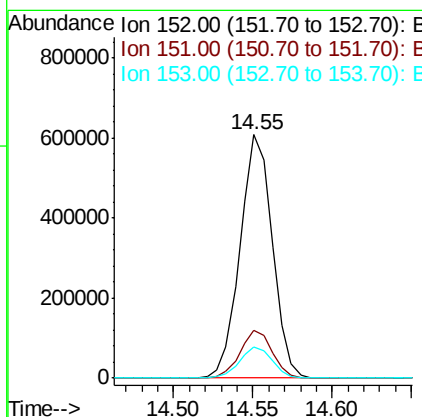
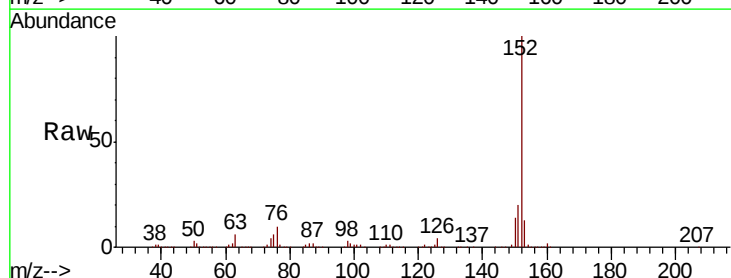
Instrument :
BNA_M
ClientSampleId :
A54P5

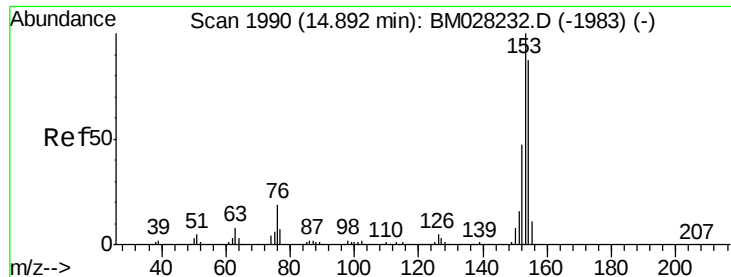
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.1	26.6	39.8
127	38.2	31.3	46.9



#48
Acenaphthylene
Concen: 36.985 ng/ul
RT: 14.55 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.0	10.1	15.1





#50

Acenaphthene

Concen: 30.819 ng/ul

RT: 14.89 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Instrument :

BNA_M

ClientSampleId :

A54P5

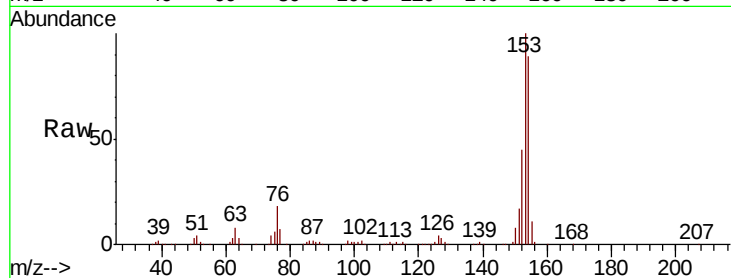
Tot Ion:153 Resp: 513891

Ion Ratio Lower Upper

153 100

152 45.5 36.7 55.1

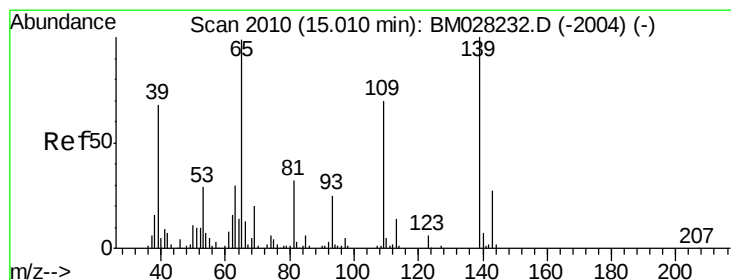
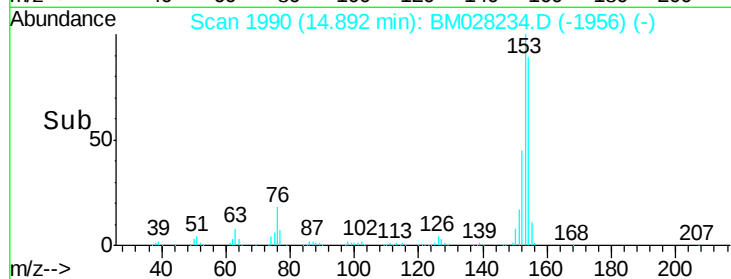
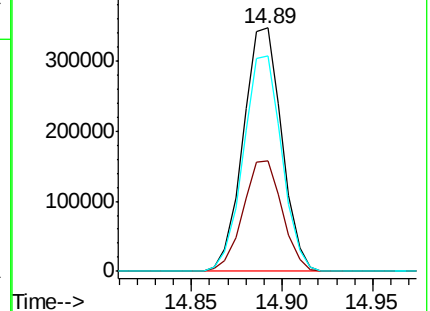
154 88.7 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

4-Nitrophenol

Concen: 26.310 ng/ul

RT: 15.01 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

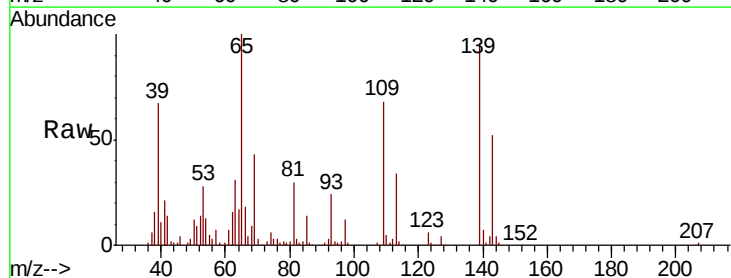
Tgt Ion:109 Resp: 68010

Ion Ratio Lower Upper

109 100

139 141.1 108.6 162.8

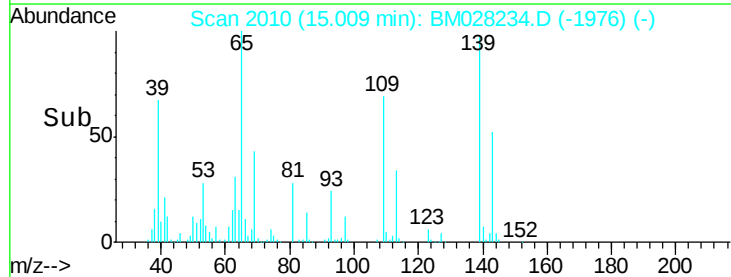
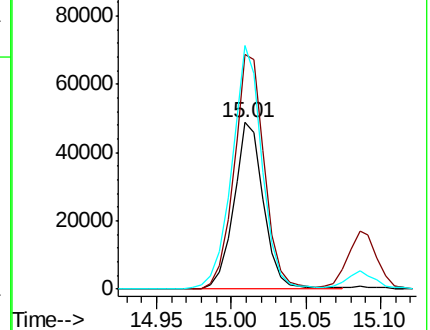
65 146.3 111.9 167.9

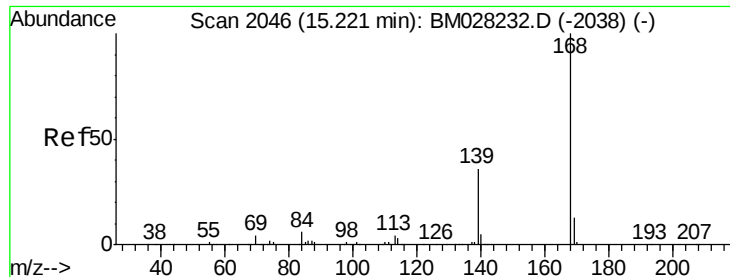


Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM0





#54

Dibenzofuran

Concen: 16.167 ng/ul

RT: 15.22 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Instrument :

BNA_M

ClientSampleId :

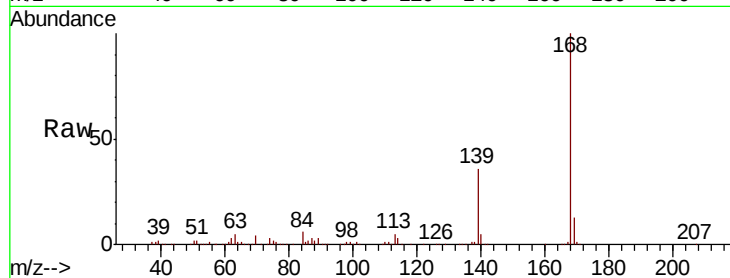
A54P5

Tot Ion:168 Resp: 368959

Ion Ratio Lower Upper

168 100

139 35.9 30.6 45.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.22

250000

200000

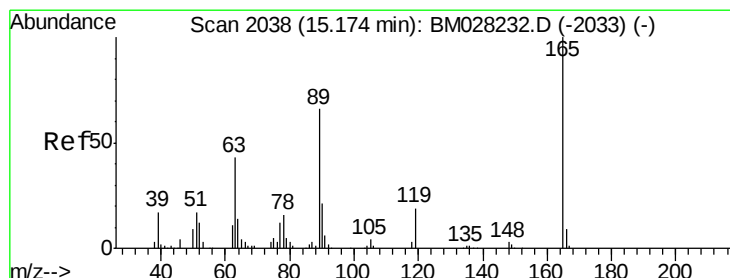
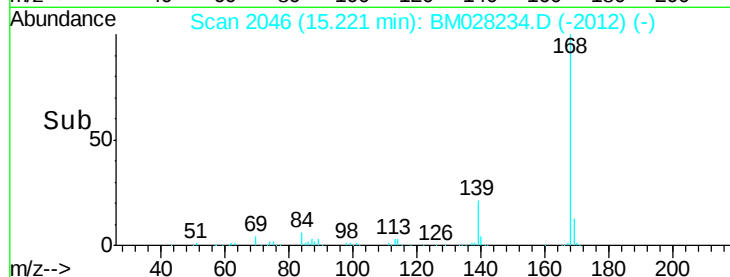
150000

100000

50000

0

Time--> 15.15 15.20 15.25



#55

2,4-Dinitrotoluene

Concen: 25.959 ng/ul

RT: 15.17 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

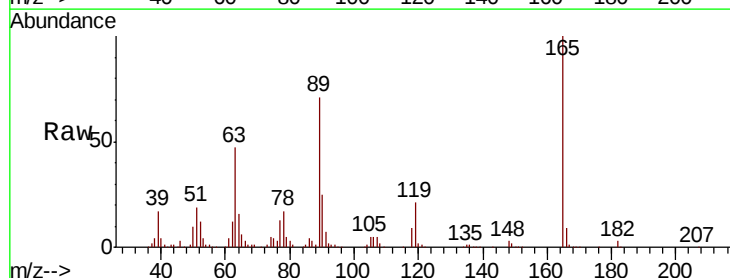
Tgt Ion:165 Resp: 132650

Ion Ratio Lower Upper

165 100

63 46.6 39.5 59.3

182 3.4 2.3 3.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

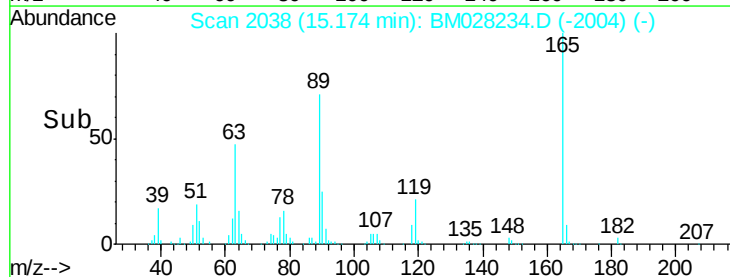
15.17

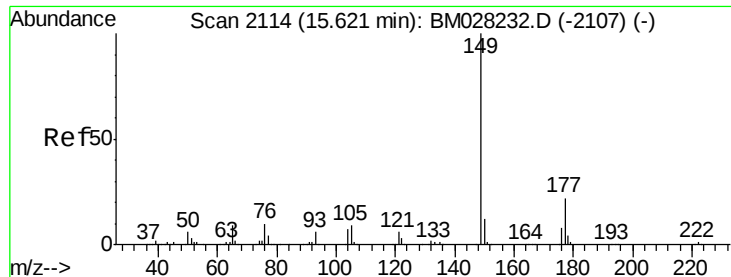
100000

50000

0

Time--> 15.15 15.20





#57

Diethylphthalate

Concen: 19.856 ng/ul

RT: 15.62 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Instrument :

BNA_M

ClientSampled :

A54P5

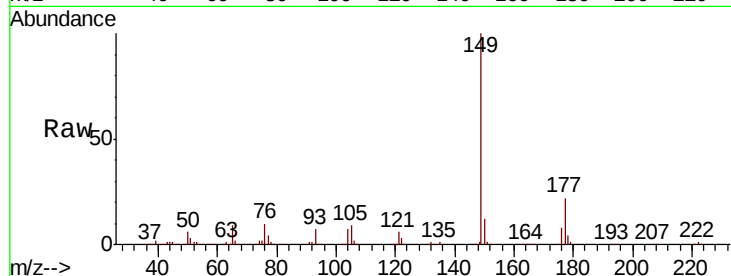
Tot Ion:149 Resp: 376976

Ion Ratio Lower Upper

149 100

177 22.2 16.6 25.0

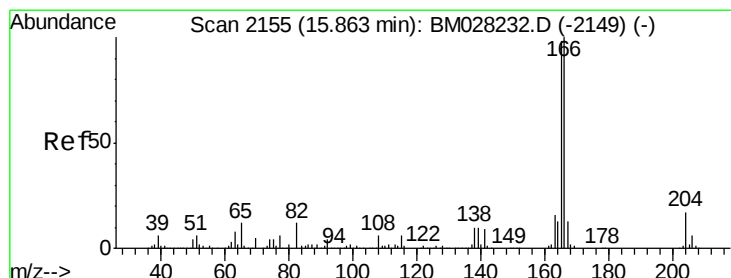
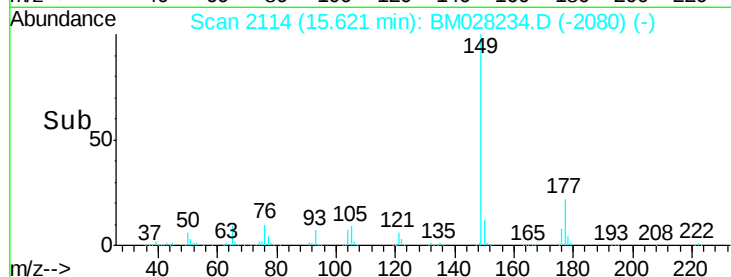
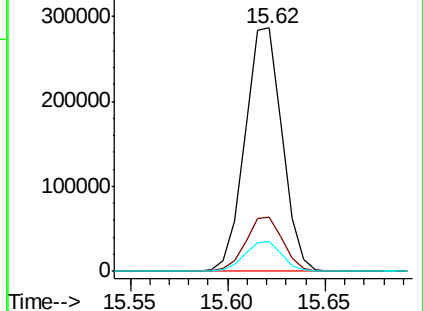
150 12.3 9.4 14.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#59

Fluorene

Concen: 35.363 ng/ul

RT: 15.86 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

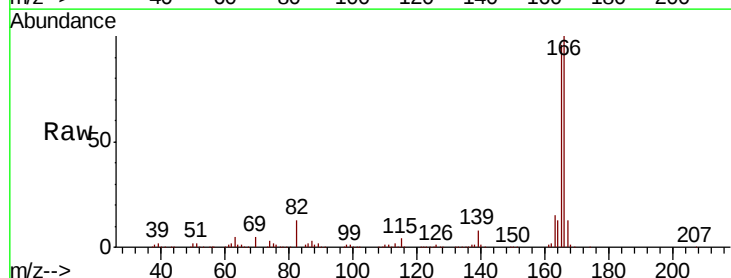
Tgt Ion:166 Resp: 673865

Ion Ratio Lower Upper

166 100

165 95.7 77.4 116.2

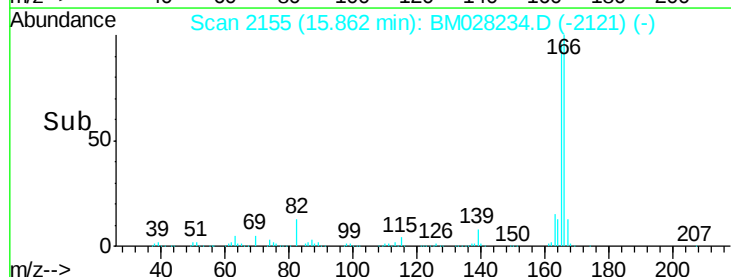
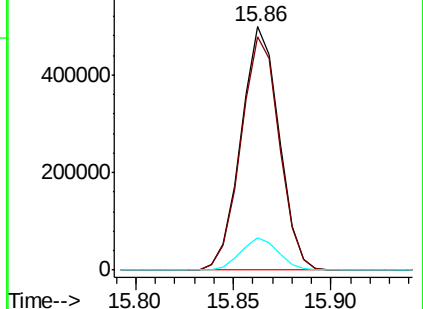
167 13.1 10.9 16.3

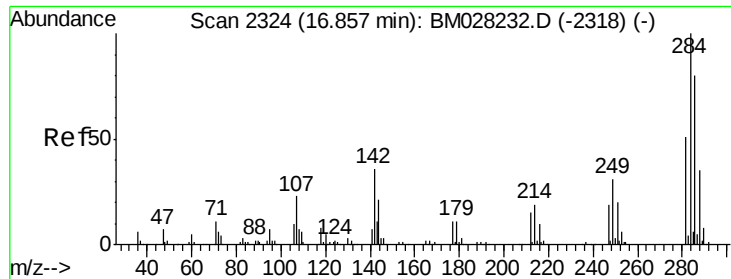


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

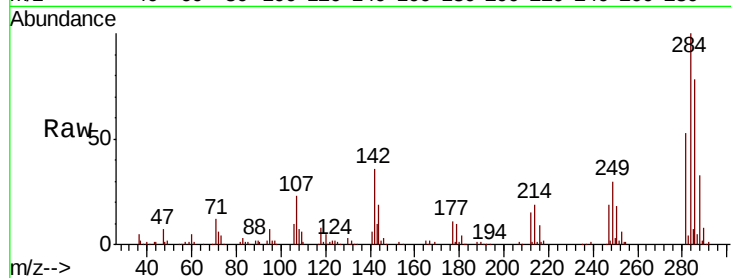




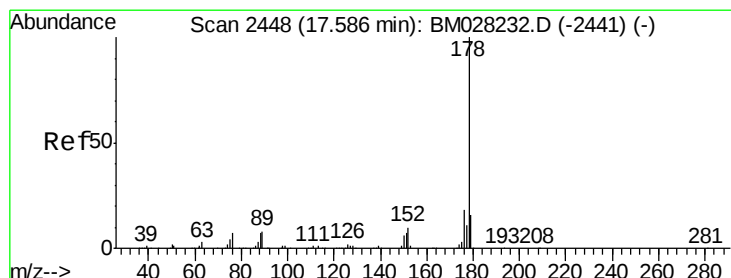
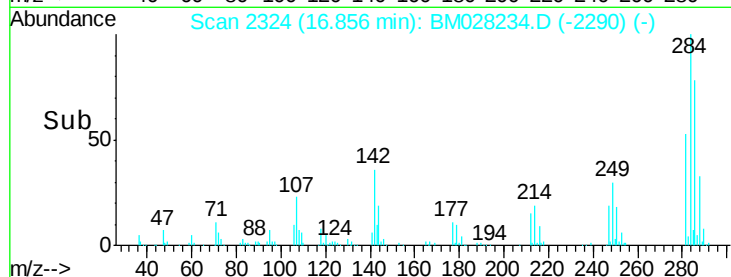
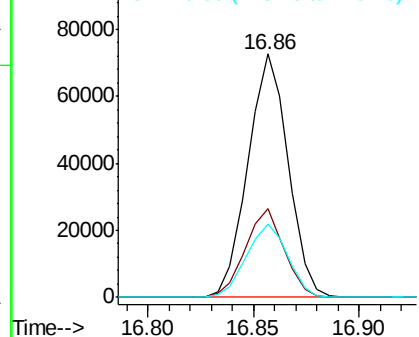
#67
Hexachlorobenzene
Concen: 15.331 ng/ul
RT: 16.86 min Scan# 2324
Delta R.T. -0.00 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

Instrument :
BNA_M
ClientSampleId :
A54P5

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.4	30.3	45.5
249	30.2	24.5	36.7

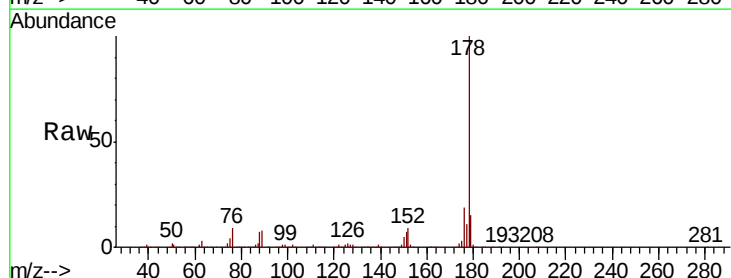


Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

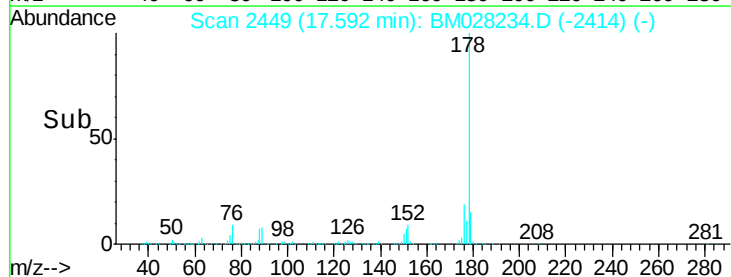
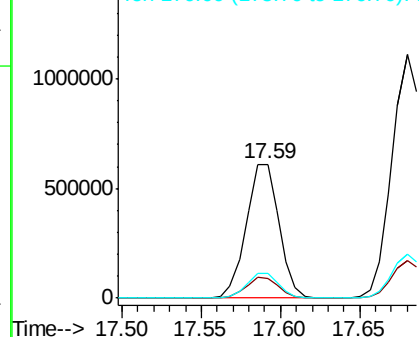


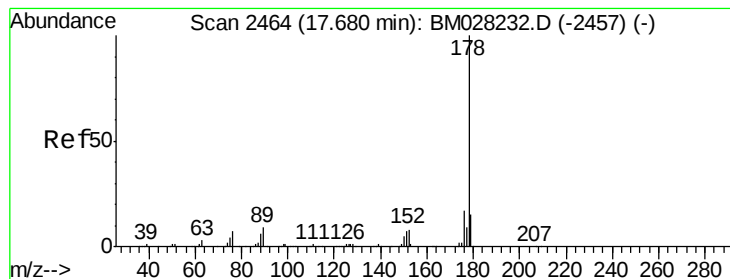
#70
Phenanthrene
Concen: 30.252 ng/ul
RT: 17.59 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.8	14.9	22.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 52.161 ng/ul

RT: 17.68 min Scan# 2464

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Instrument :

BNA_M

ClientSampleId :

A54P5

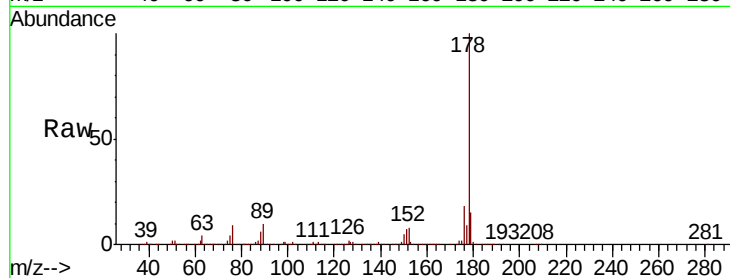
Tot Ion:178 Resp: 1539328

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

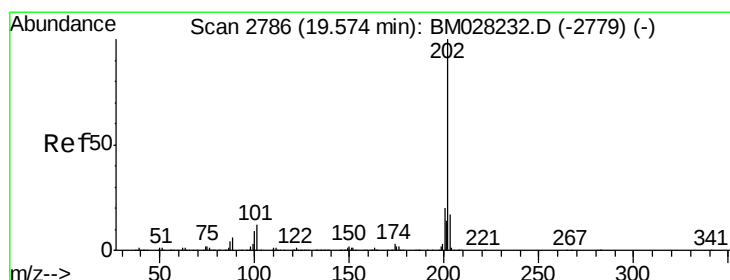
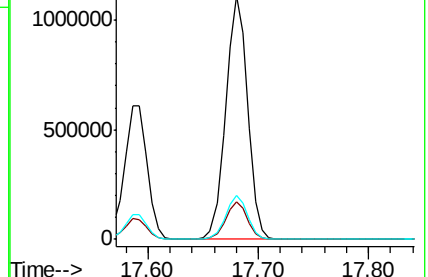
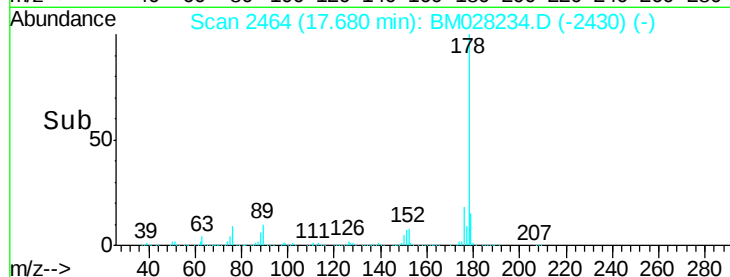
176 18.2 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 30.582 ng/ul

RT: 19.57 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

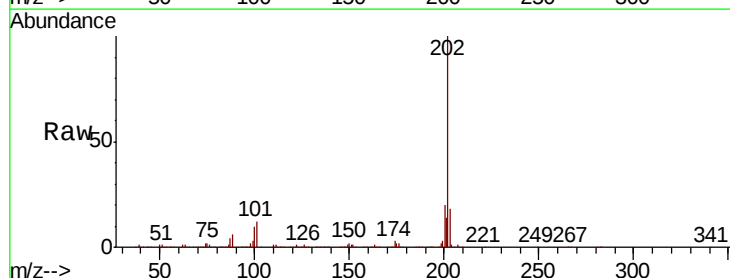
Tgt Ion:202 Resp: 936024

Ion Ratio Lower Upper

202 100

101 12.3 9.2 13.8

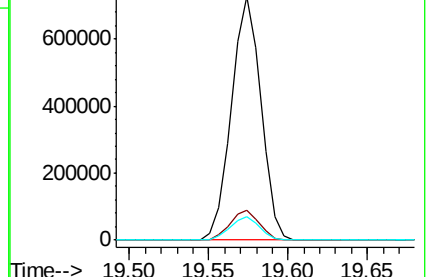
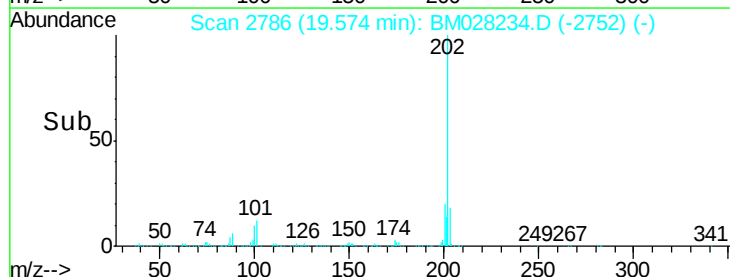
100 9.5 7.1 10.7

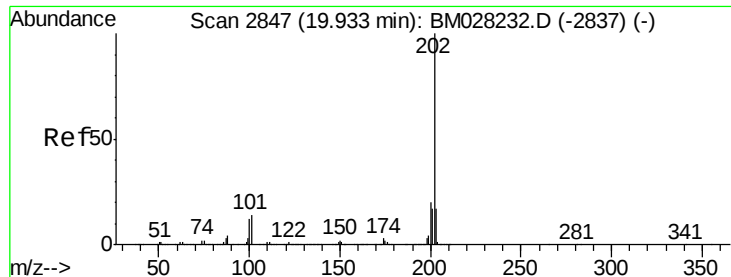


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

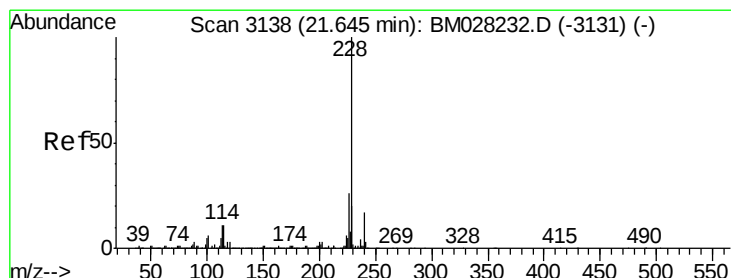
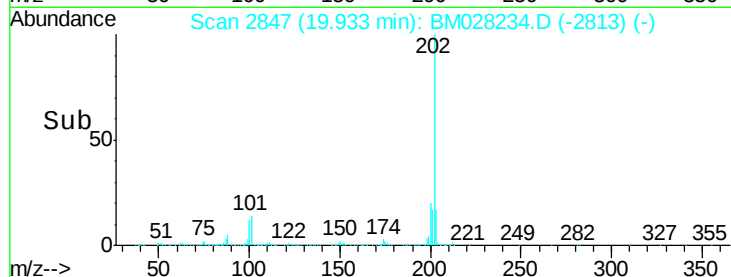
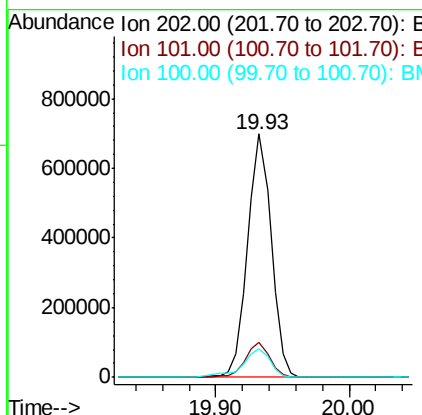
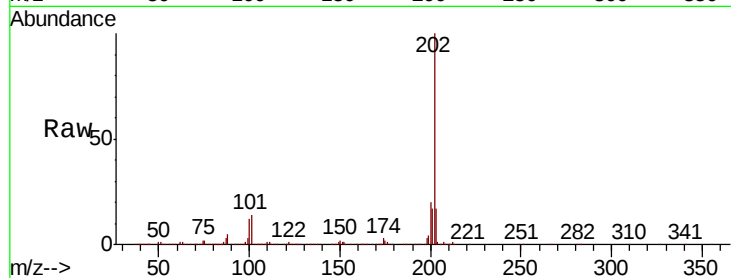




#80
Pvrene
Concen: 24.479 ng/ul
RT: 19.93 min Scan# 2847
Delta R.T. -0.00 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

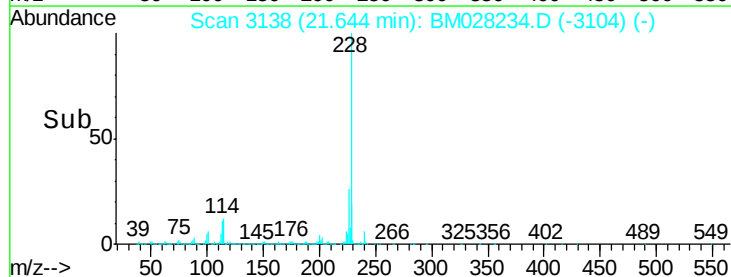
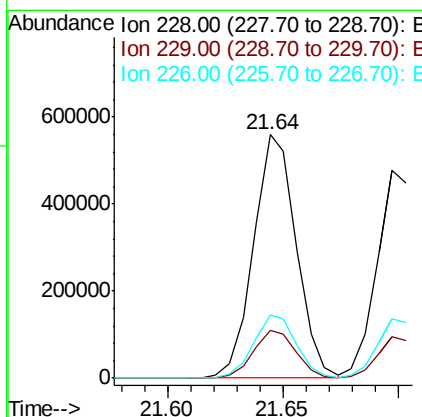
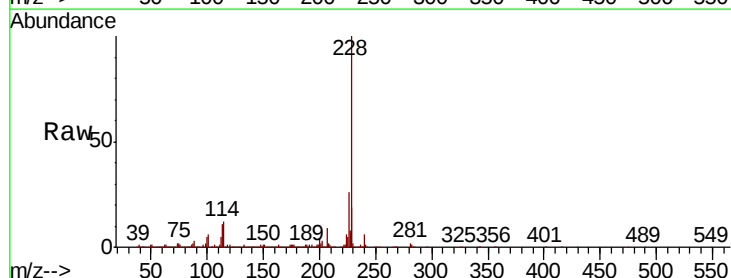
Instrument :
BNA_M
ClientSampleId :
A54P5

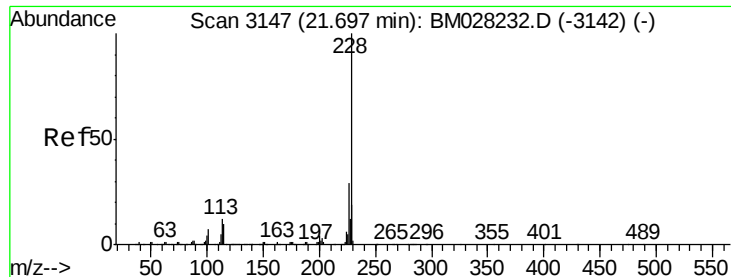
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.5	17.3
100	12.0	9.9	14.9



#83
Benzo(a)anthracene
Concen: 23.227 ng/ul
RT: 21.64 min Scan# 3138
Delta R.T. -0.00 min
Lab File: BM028234.D
Acq: 22 Dec 2020 12:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.5	23.3
226	26.0	20.6	31.0





#85

Chrysene

Concen: 19.294 ng/ul

RT: 21.70 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Instrument :

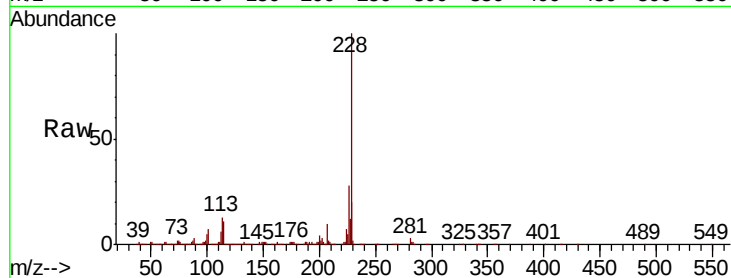
BNA_M

ClientSampleId :

A54P5

Tot Ion:228 Resp: 587297

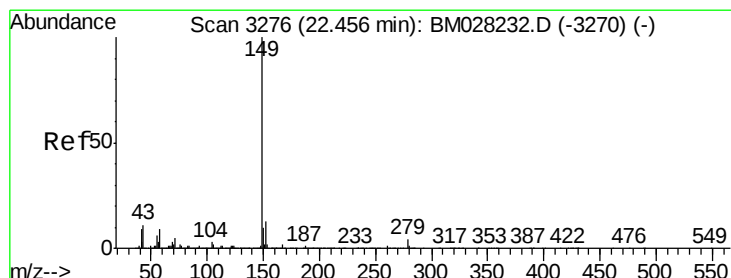
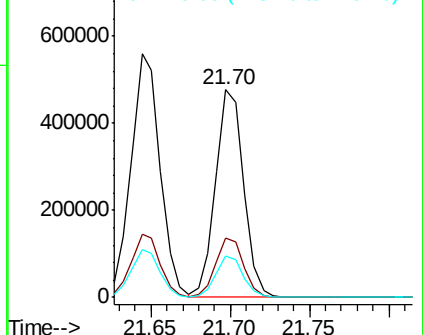
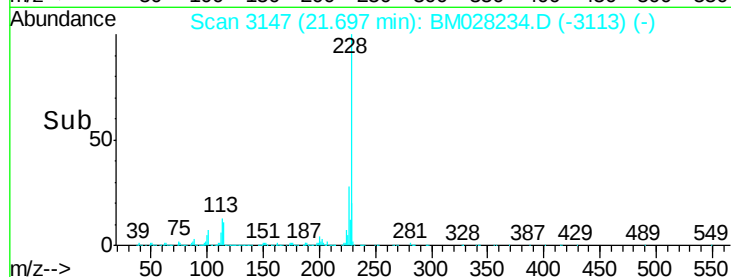
Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.4	33.6
229	19.8	15.5	23.3



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



#87

Di-n-octyl phthalate

Concen: 21.673 ng/ul

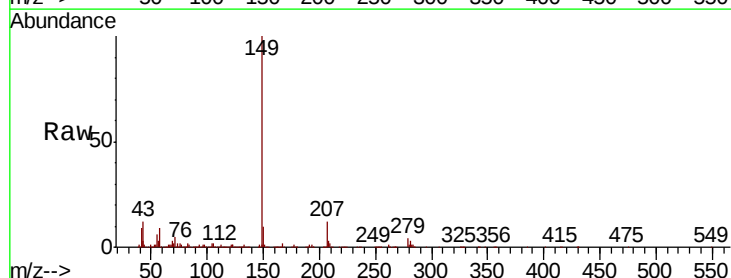
RT: 22.46 min Scan# 3277

Delta R.T. 0.01 min

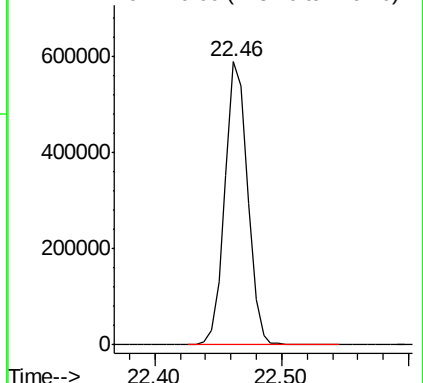
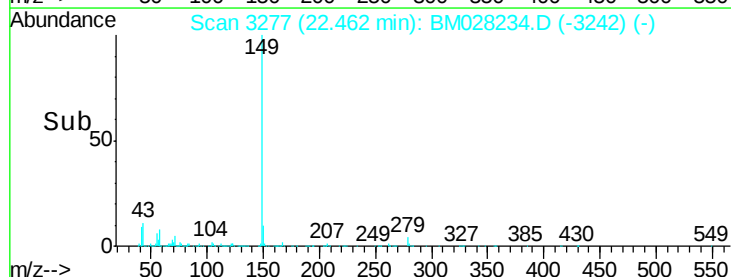
Lab File: BM028234.D

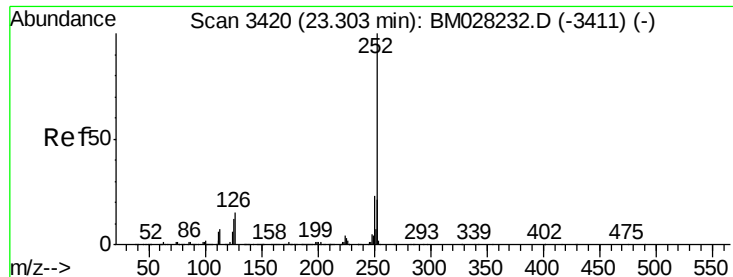
Acq: 22 Dec 2020 12:13

Tgt Ion:149 Resp: 724579



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 39.524 ng/ul

RT: 23.31 min Scan# 3422

Delta R.T. 0.01 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Instrument :

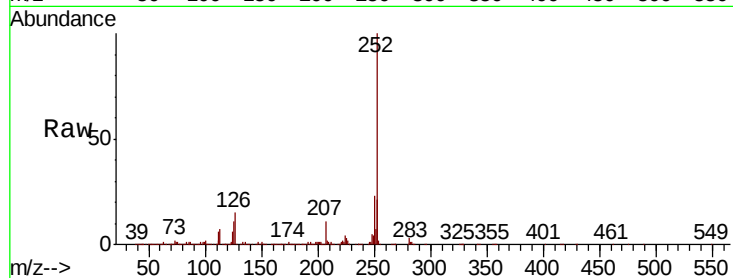
BNA_M

ClientSampleId :

A54P5

Tot Ion:252 Resp: 1240882

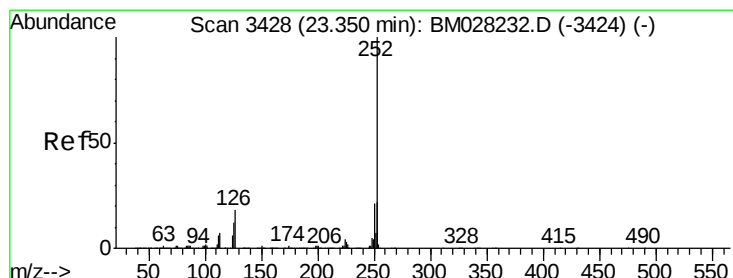
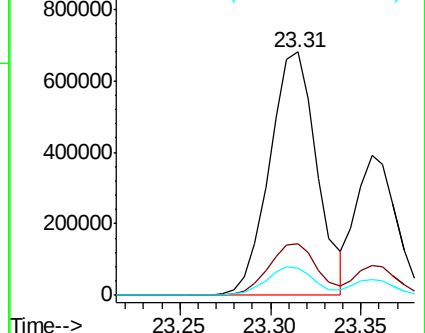
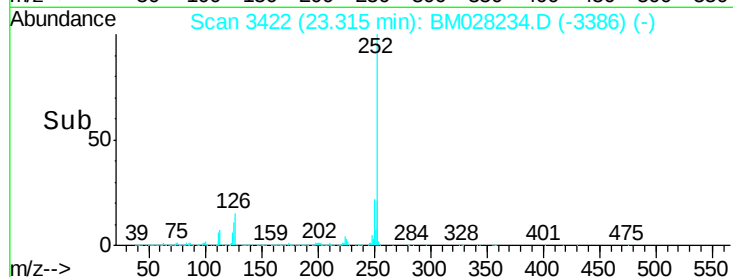
Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.2	25.8
125	11.4	9.0	13.4



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



#89

Benzo(k)fluoranthene

Concen: 19.274 ng/ul

RT: 23.36 min Scan# 3429

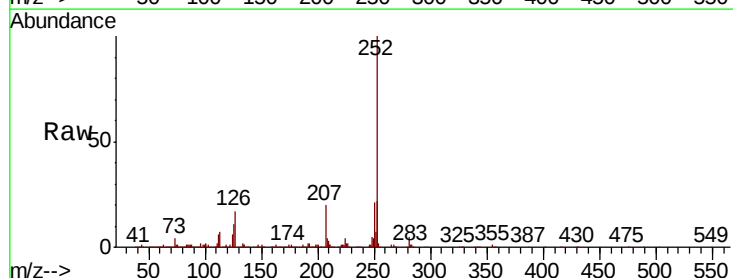
Delta R.T. 0.01 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Tgt Ion:252 Resp: 600153

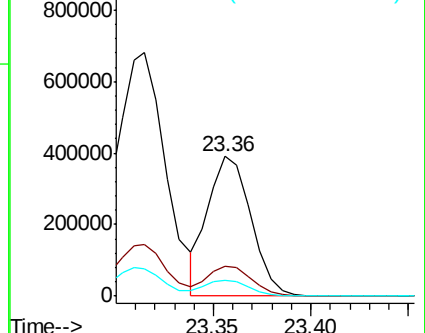
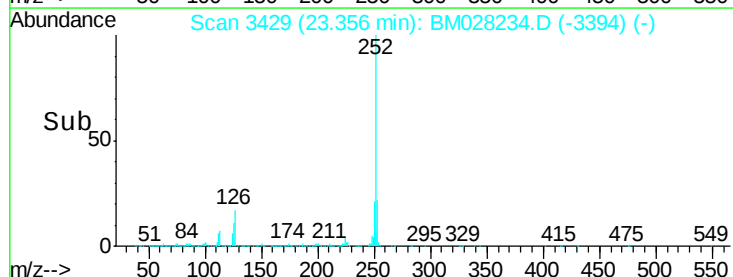
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	11.5	9.0	13.6

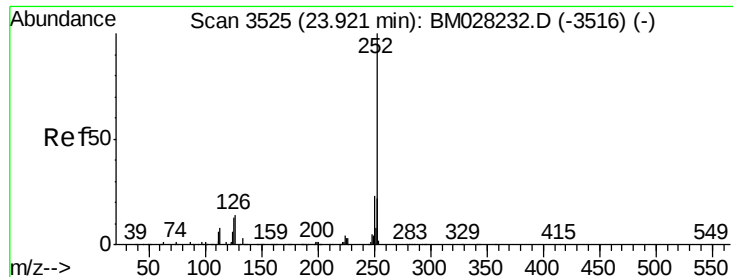


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 24.333 ng/ul

RT: 23.93 min Scan# 3526

Delta R.T. 0.01 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Instrument :

BNA_M

ClientSampleId :

A54P5

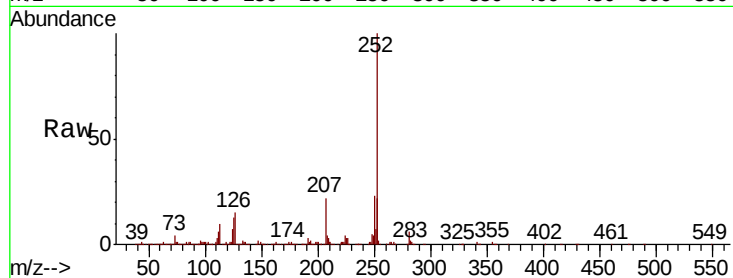
Tot Ion:252 Resp: 688560

Ion Ratio Lower Upper

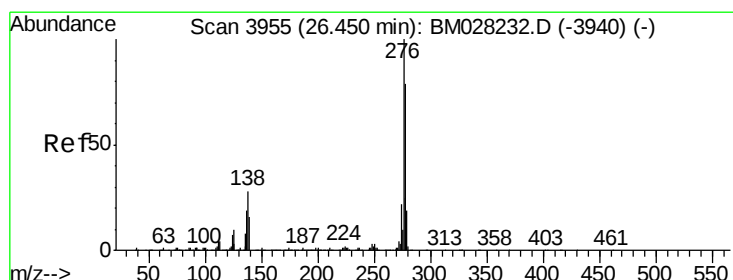
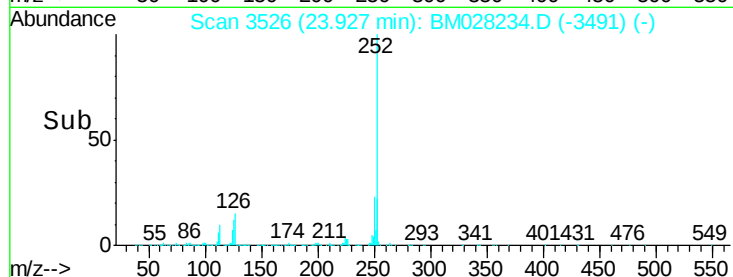
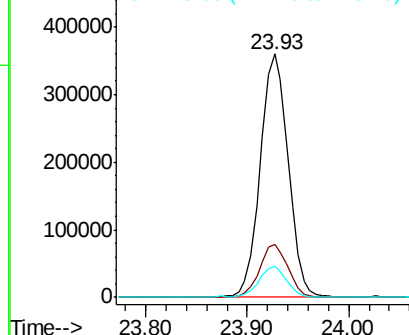
252 100

253 21.7 17.2 25.8

125 12.7 10.0 15.0



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 22.527 ng/ul

RT: 26.46 min Scan# 3956

Delta R.T. 0.01 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

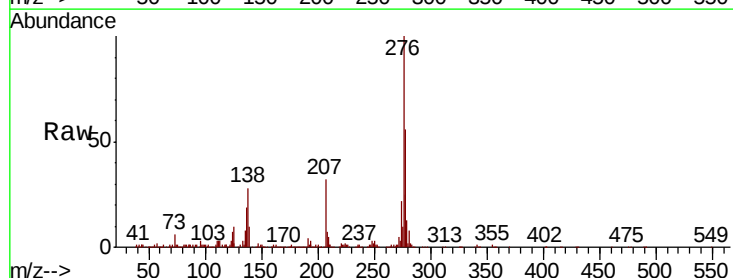
Tgt Ion:276 Resp: 728021

Ion Ratio Lower Upper

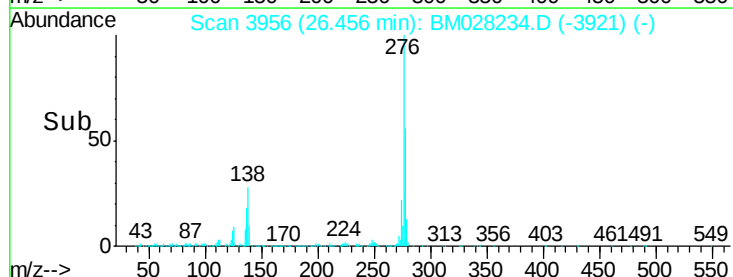
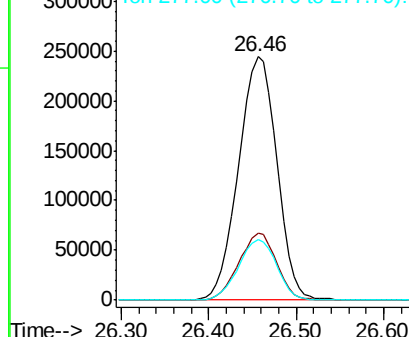
276 100

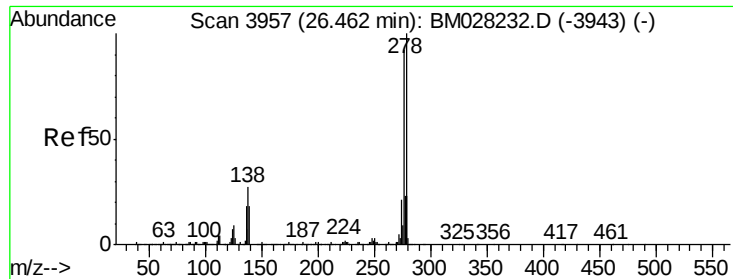
138 27.5 23.3 34.9

277 24.7 20.2 30.2



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





#93

Dibenzo(a,h)anthracene

Concen: 15.243 ng/ul

RT: 26.46 min Scan# 3957

Delta R.T. -0.00 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

Instrument :

BNA_M

ClientSampleId :

A54P5

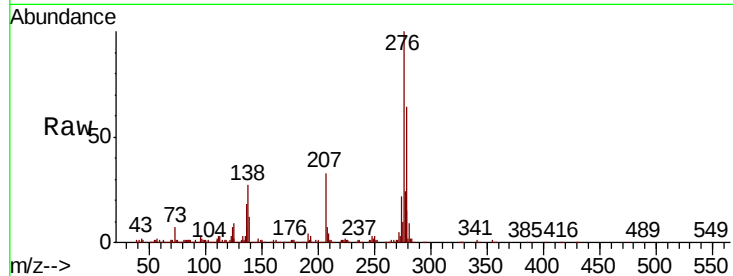
Tot Ion:278 Resp: 417545

Ion Ratio Lower Upper

278 100

139 19.6 14.2 21.2

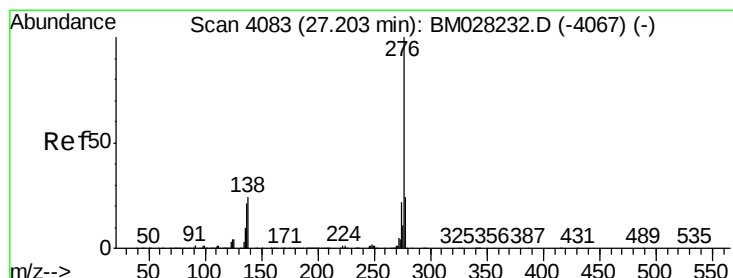
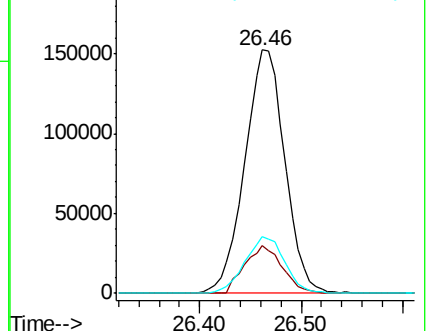
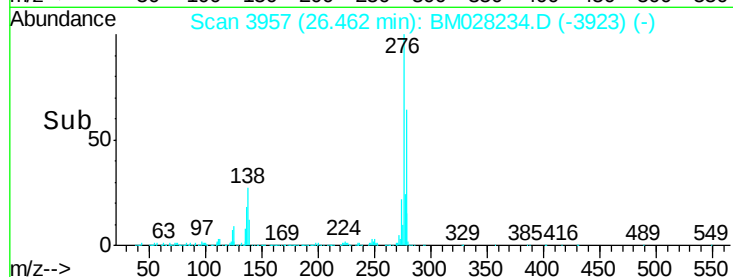
279 23.1 18.5 27.7



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



#94

Benzo(g,h,i)perylene

Concen: 36.486 ng/ul

RT: 27.21 min Scan# 4085

Delta R.T. 0.02 min

Lab File: BM028234.D

Acq: 22 Dec 2020 12:13

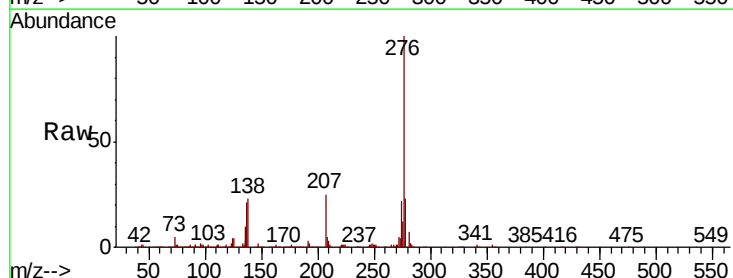
Tgt Ion:276 Resp: 990263

Ion Ratio Lower Upper

276 100

138 23.2 19.8 29.8

277 23.3 18.9 28.3



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

