

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021634.D
 Acq On : 25 Jul 2019 12:16
 Operator : HP/JU
 Sample : K3831-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GAMR2

Quant Time: Jul 25 13:27:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	88957	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	394322	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	277629	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	668946	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	882466	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1068902	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	6792	4.16	ng/uL	0.00
5) Phenol-d5	6.87	99	204548	27.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	119296	27.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	164943	27.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	161896	25.12	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	86981	29.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	89751	28.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	206058	29.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	242011	35.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	743283	31.25	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	836065	28.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	85557	20.97	ng/ul	0.00
57) Fluorene-d10	15.34	176	667292	31.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	102610	24.49	ng/ul	0.00
70) Anthracene-d10	17.20	188	1107629	33.65	ng/ul	0.00
78) Pyrene-d10	19.50	212	1454937	33.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1966442	34.46	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.28	88	15766	8.516	ng/uL 99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	139486	19.616	ng/ul 99
20) Nitrobenzene	8.91	77	161666	22.407	ng/ul 96
23) 2-Nitrophenol	9.61	139	96094	29.514	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.91	93	148366	18.371	ng/ul 97
27) 2,4-Dichlorophenol	10.13	162	141684	21.710	ng/ul 100
28) Naphthalene	10.53	128	248661	12.444	ng/ul 100
33) 4-Chloro-3-methylphenol	11.78	107	503079	72.244	ng/ul 99
34) 2-Methylnaphthalene	12.15	142	487385	31.543	ng/ul 99
37) Hexachlorocyclopentadiene	12.48	237	112252	24.468	ng/ul 99
38) 2,4,6-Trichlorophenol	12.77	196	124805	21.223	ng/ul 97
41) 2-Chloronaphthalene	13.22	162	397568	23.187	ng/ul 99
45) 2,6-Dinitrotoluene	13.94	165	39964	10.555	ng/ul 90
47) Acenaphthylene	14.07	152	538513	20.975	ng/ul 99
49) Acenaphthene	14.41	153	290995	15.454	ng/ul 98
54) 2,4-Dinitrotoluene	14.73	165	215541	33.506	ng/ul 89
55) 2,3,4,6-Tetrachlorophenol	14.97	232	253943	41.641	ng/ul 99
58) Fluorene	15.40	166	336238	14.622	ng/ul 99
59) 4-Chlorophenyl-phenylether	15.39	204	308933	24.171	ng/ul 95
63) 4,6-Dinitro-2-methylphenol	15.50	198	423569	102.276	ng/ul# 94
65) 4-Bromophenyl-phenylether	16.29	248	243996	32.502	ng/ul 99
66) Hexachlorobenzene	16.39	284	302881	33.072	ng/ul 99
69) Phenanthrene	17.14	178	618984	16.960	ng/ul 99

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

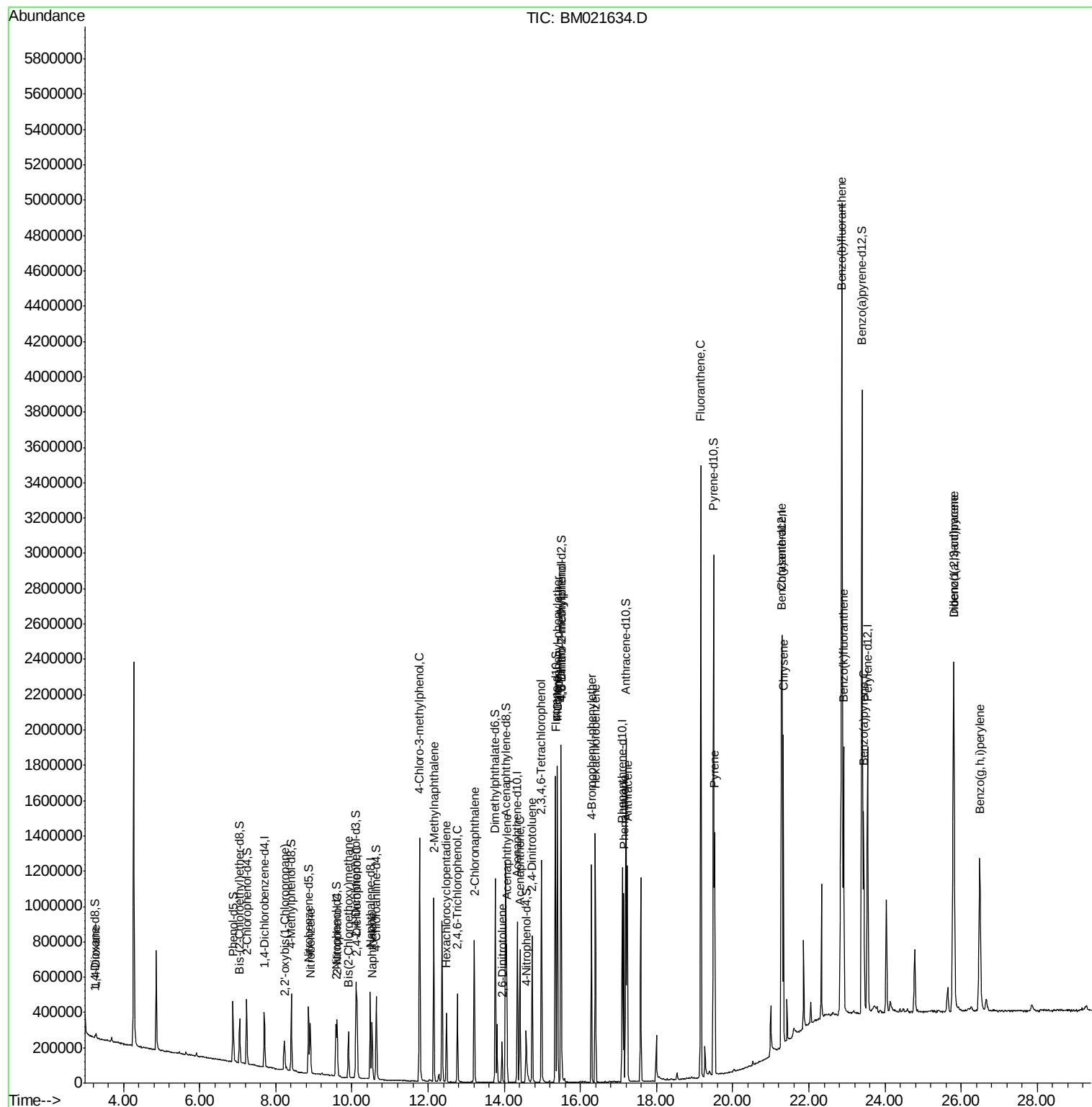
71) Anthracene	17.23	178	738915	20.019	ng/ul	100
76) Fluoranthene	19.16	202	2080899	45.993	ng/ul	98
79) Pyrene	19.53	202	856215	16.288	ng/ul	99
82) Benzo(a)anthracene	21.27	228	910207	15.734	ng/ul	99
84) Chrysene	21.33	228	866234	15.701	ng/ul	99
87) Benzo(b)fluoranthene	22.87	252	3457137	53.496	ng/ul	99
88) Benzo(k)fluoranthene	22.91	252	963508	15.198	ng/ul	99
90) Benzo(a)pyrene	23.44	252	830170	13.378	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.80	276	1330000	17.649	ng/ul	98
92) Dibenzo(a,h)anthracene	25.80	278	1329751	20.981	ng/ul	99
93) Benzo(a,h,i)perylene	26.49	276	1146856	18.791	ng/ul	99

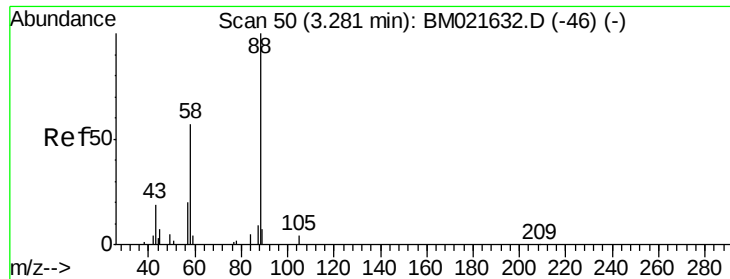
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 8.516 ng/uL

RT: 3.28 min Scan# 50

Delta R.T. -0.00 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

Instrument :

BNA_M

ClientSampleId :

GAMR2

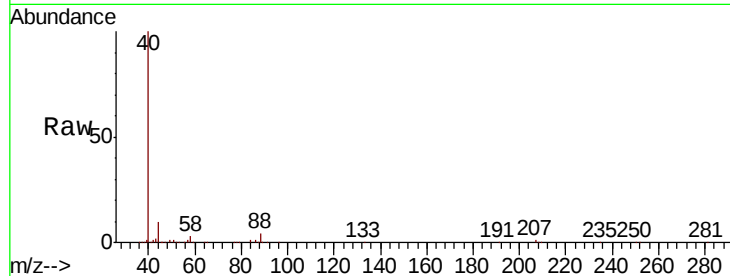
Tot Ion: 88 Resp: 15766

Ion Ratio Lower Upper

88 100

43 43.2 33.5 50.3

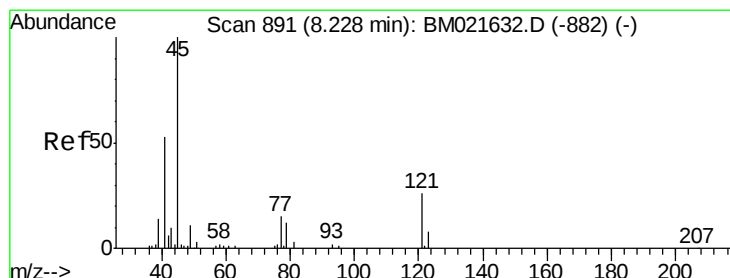
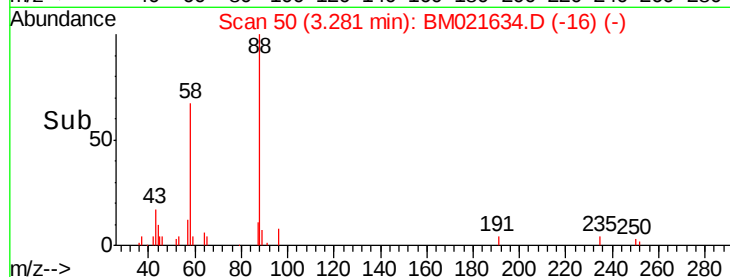
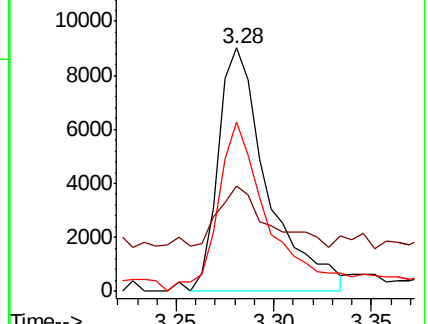
58 69.4 56.2 84.2



Abundance Ion 88.00 (87.70 to 88.70): BM021632.D (-46) (-)

Ion 43.00 (42.70 to 43.70): BM021632.D (-46) (-)

Ion 58.00 (57.70 to 58.70): BM021632.D (-46) (-)



#12

2,2'-oxybis(1-Chloropropane)

Concen: 19.616 ng/uL

RT: 8.23 min Scan# 892

Delta R.T. -0.00 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

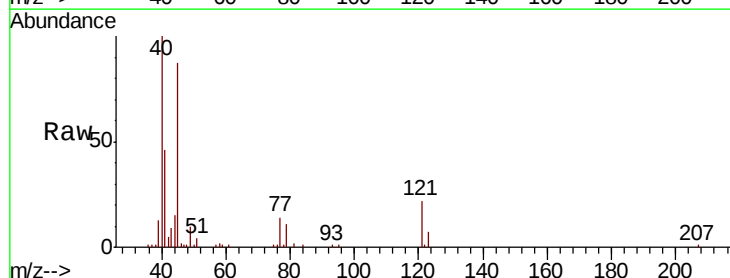
Tgt Ion: 45 Resp: 139486

Ion Ratio Lower Upper

45 100

77 16.4 13.7 20.5

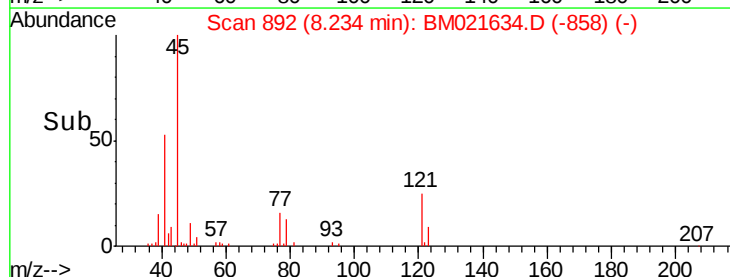
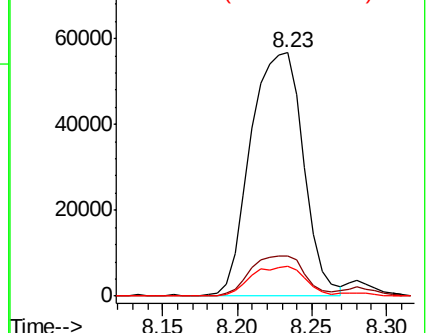
79 12.5 10.2 15.2

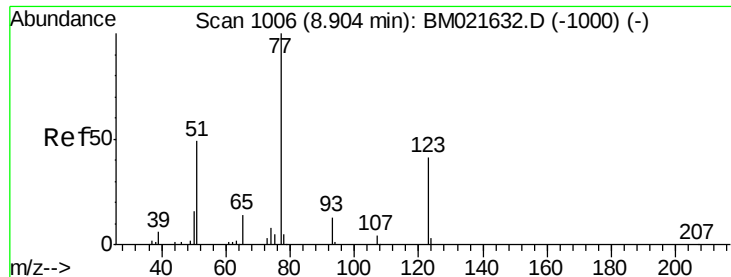


Abundance Ion 45.00 (44.70 to 45.70): BM021632.D (-882) (-)

Ion 77.00 (76.70 to 77.70): BM021632.D (-882) (-)

Ion 79.00 (78.70 to 79.70): BM021632.D (-882) (-)

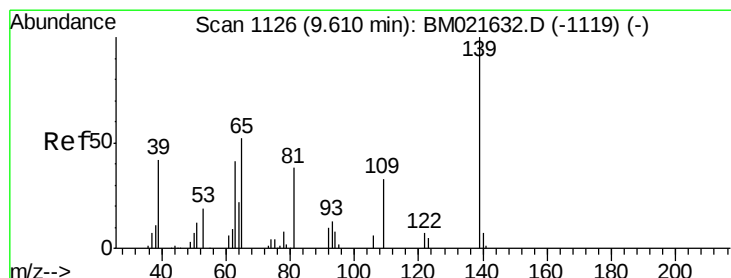
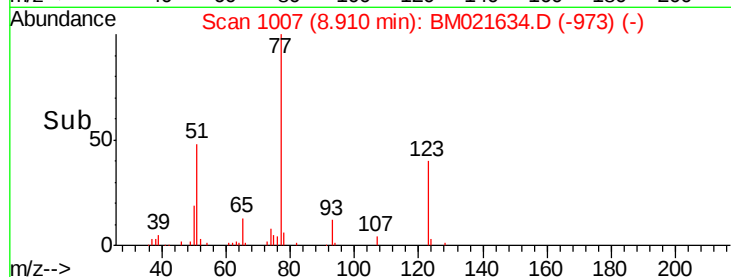
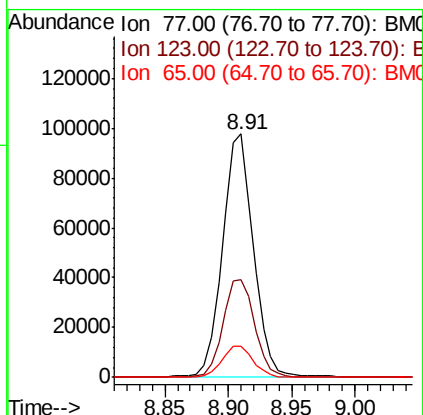
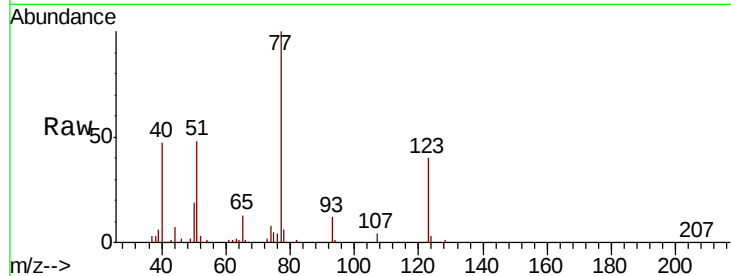




#20
Nitrobenzene
Concen: 22.407 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BM021634.D
Acq: 25 Jul 2019 12:16

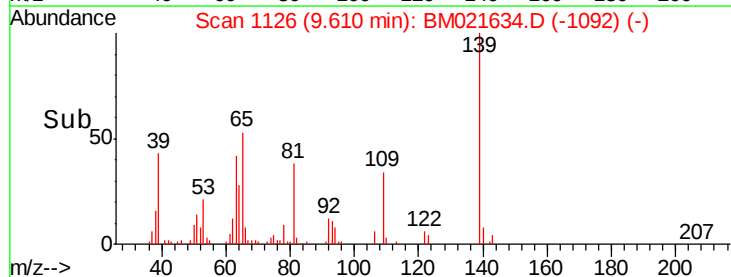
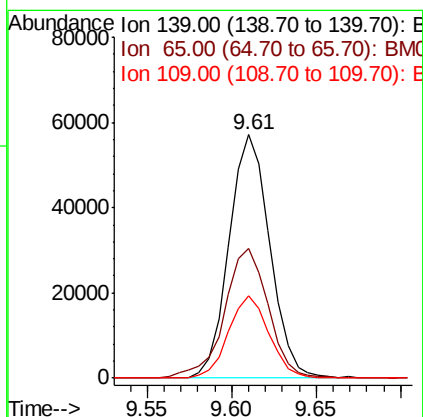
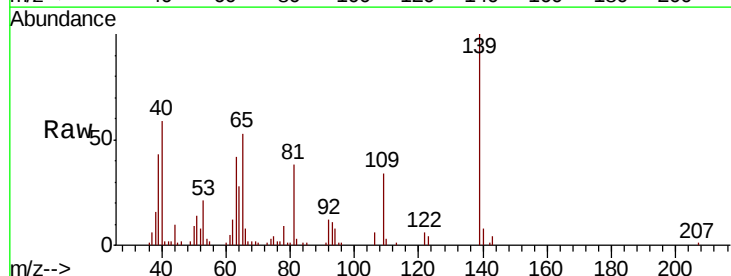
Instrument :
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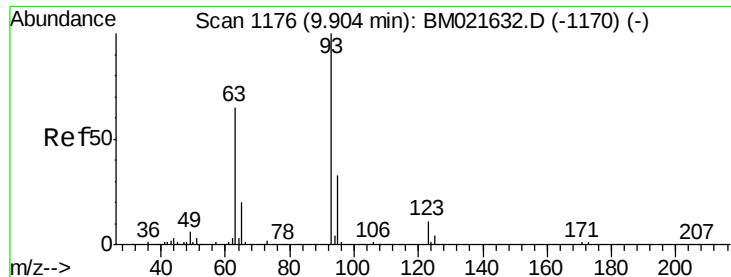
Tot Ion	Ratio	Lower	Upper
77	100		
123	40.0	34.5	51.7
65	12.7	10.7	16.1



#23
2-Nitrophenol
Concen: 29.514 ng/ul
RT: 9.61 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BM021634.D
Acq: 25 Jul 2019 12:16

Tgt Ion	Ratio	Lower	Upper
139	100		
65	53.2	45.3	67.9
109	33.9	27.3	40.9

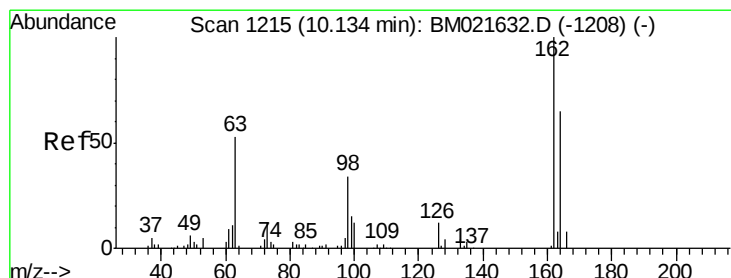
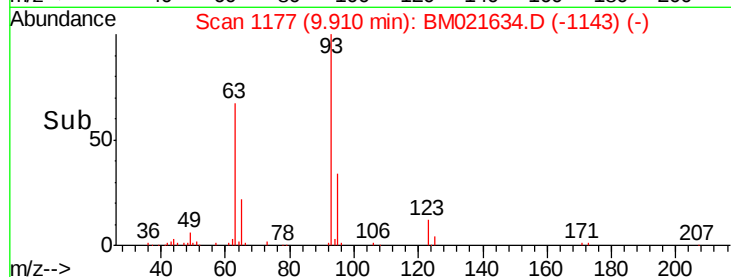
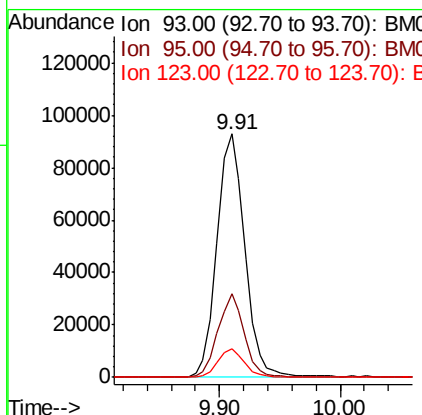
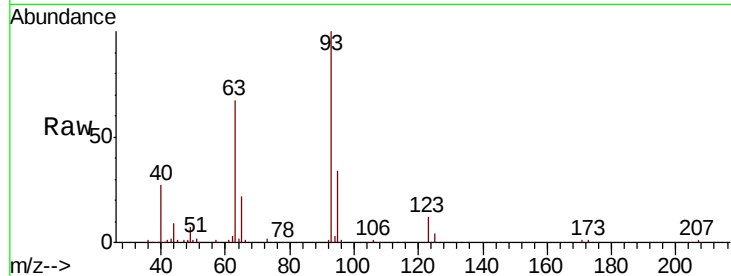




#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.371 ng/ul
 RT: 9.91 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BM021634.D
 Acq: 25 Jul 2019 12:16

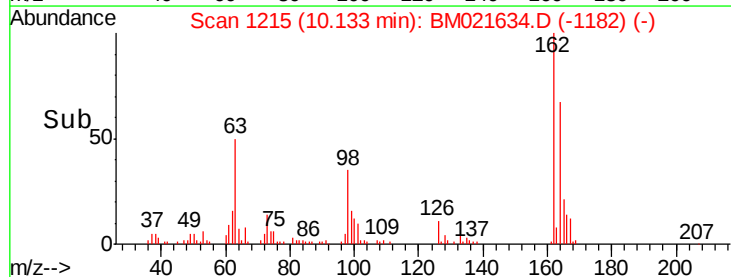
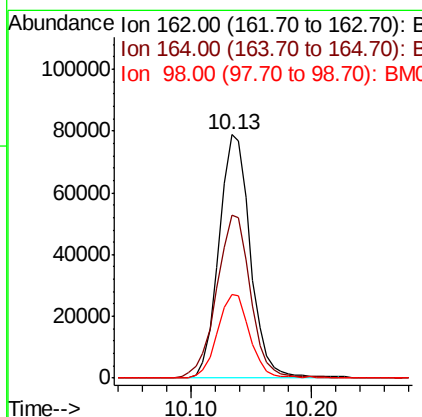
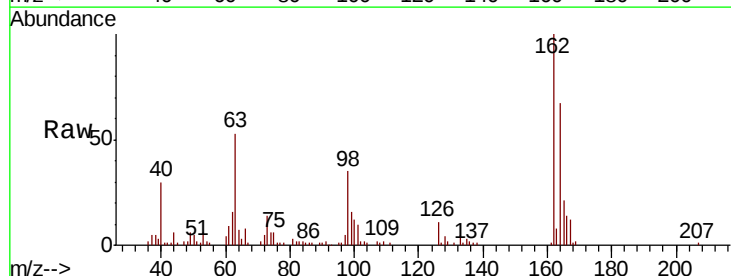
Instrument :
 BNA_M
 ClientSampleId :
 GAMR2

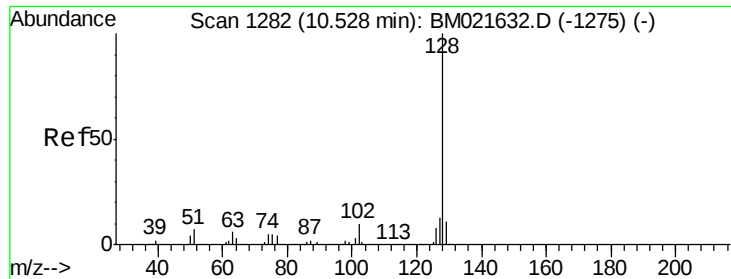
Tot Ion: 93 Resp: 148366
 Ion Ratio Lower Upper
 93 100
 95 34.1 26.1 39.1
 123 11.8 8.6 13.0



#27
 2,4-Dichlorophenol
 Concen: 21.710 ng/ul
 RT: 10.13 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BM021634.D
 Acq: 25 Jul 2019 12:16

Tgt Ion: 162 Resp: 141684
 Ion Ratio Lower Upper
 162 100
 164 66.7 53.0 79.6
 98 34.6 27.5 41.3





#28

Naphthalene

Concen: 12.444 ng/ul

RT: 10.53 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

Instrument :

BNA_M

ClientSampleId :

GAMR2

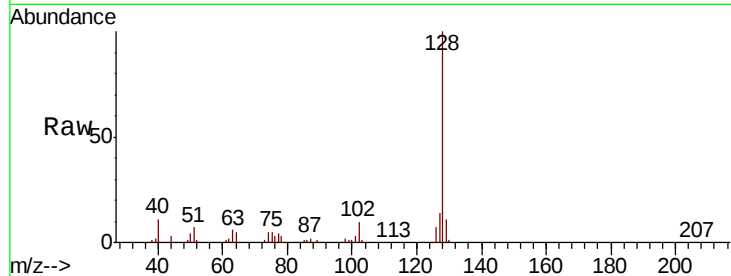
Tot Ion:128 Resp: 248661

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

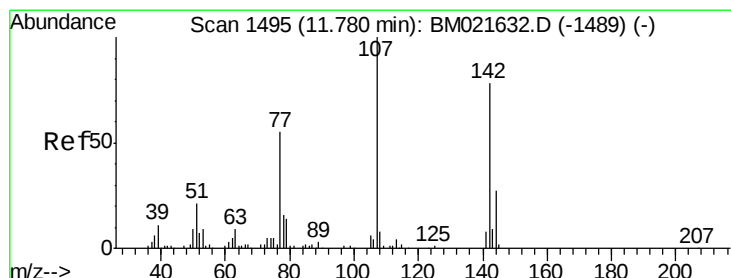
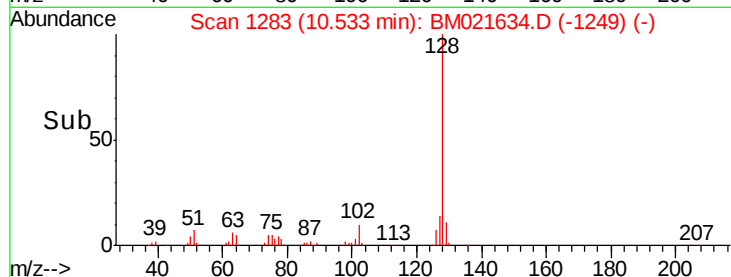
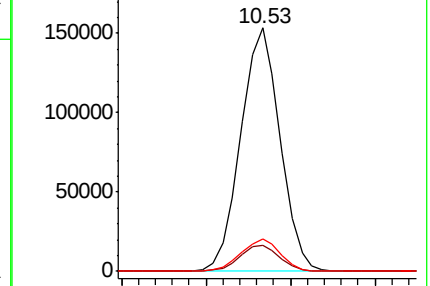
127 13.5 10.8 16.2



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



#33

4-Chloro-3-methylphenol

Concen: 72.244 ng/ul

RT: 11.78 min Scan# 1495

Delta R.T. -0.01 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

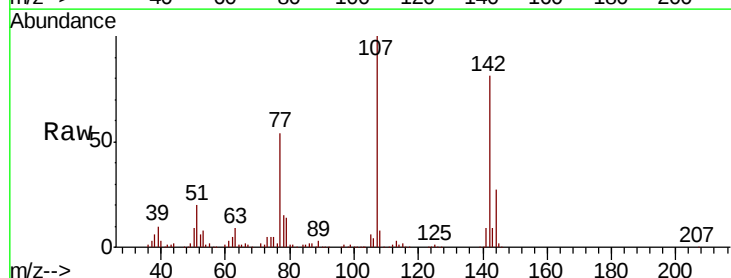
Tgt Ion:107 Resp: 503079

Ion Ratio Lower Upper

107 100

144 26.6 21.0 31.4

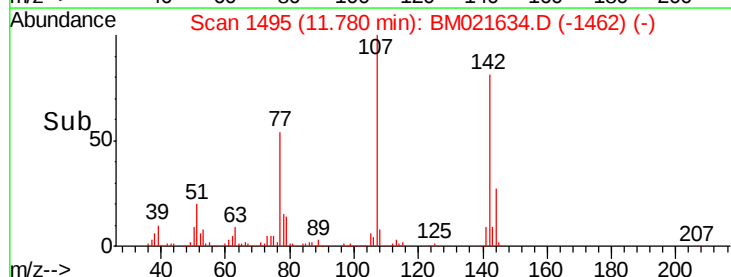
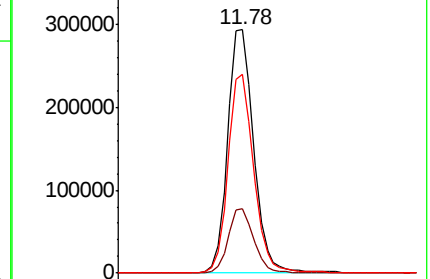
142 81.5 64.4 96.6

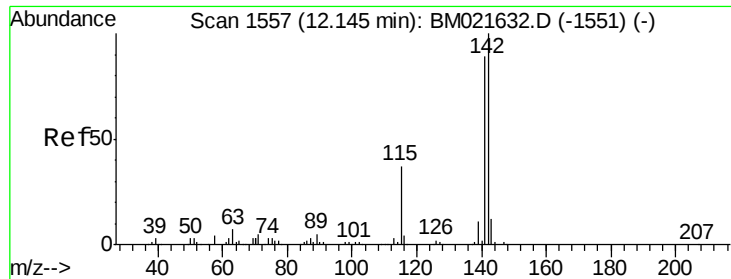


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

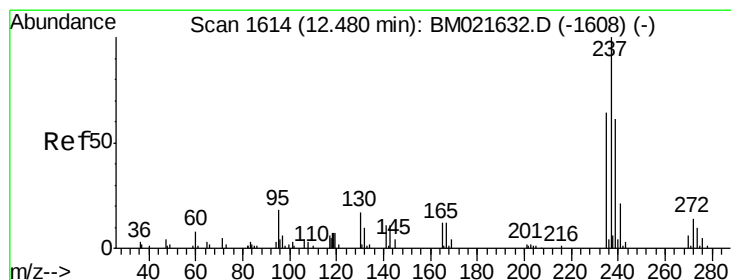
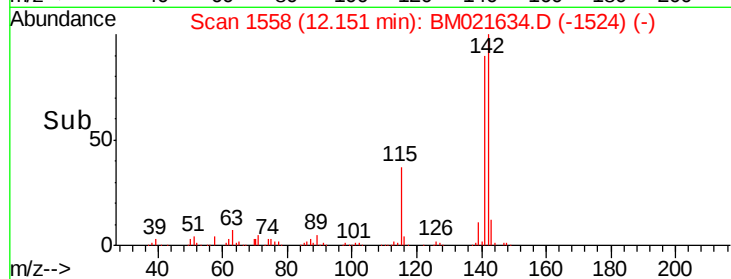
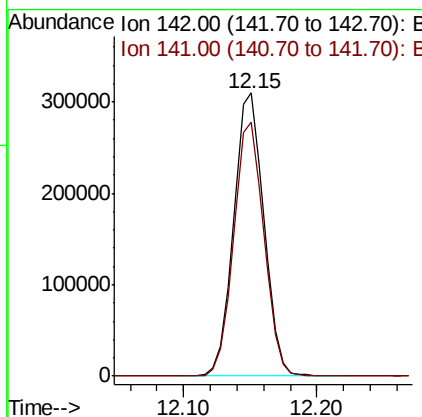
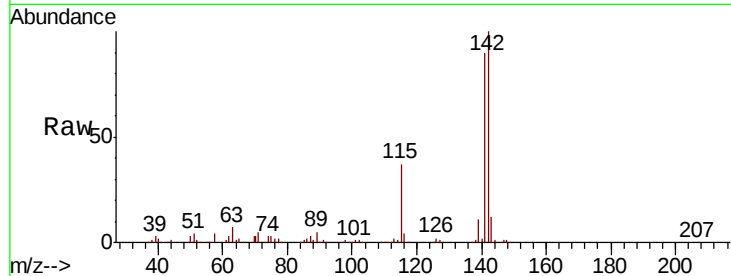




#34
 2-Methylnaphthalene
 Concen: 31.543 ng/ul
 RT: 12.15 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BM021634.D
 Acq: 25 Jul 2019 12:16

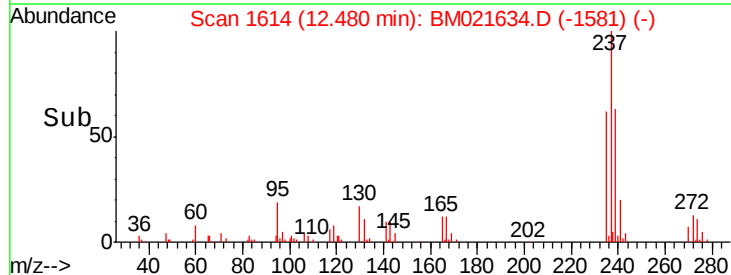
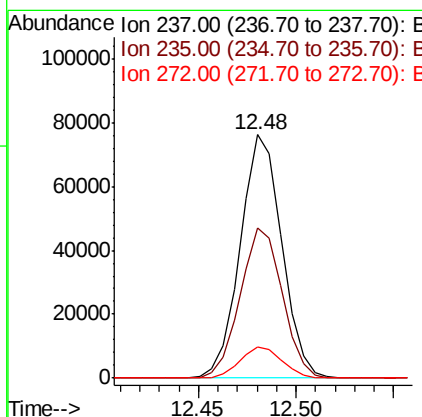
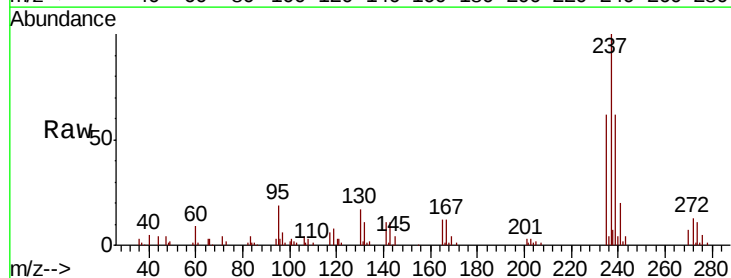
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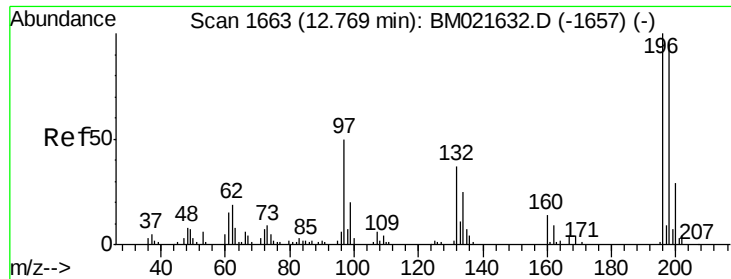
Tot Ion:142 Resp: 487385
 Ion Ratio Lower Upper
 142 100
 141 89.5 72.2 108.4



#37
 Hexachlorocyclopentadiene
 Concen: 24.468 ng/ul
 RT: 12.48 min Scan# 1614
 Delta R.T. -0.01 min
 Lab File: BM021634.D
 Acq: 25 Jul 2019 12:16

Tgt Ion:237 Resp: 112252
 Ion Ratio Lower Upper
 237 100
 235 61.7 50.0 75.0
 272 12.6 10.0 15.0

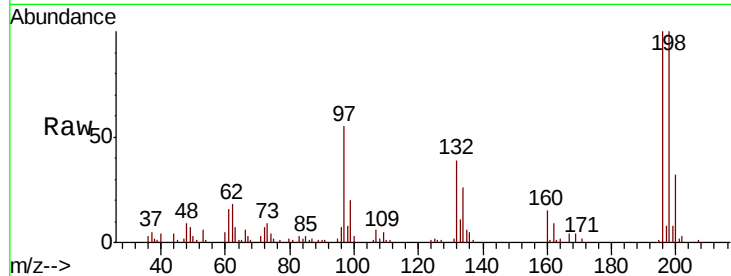




#38
 2,4,6-Trichlorophenol
 Concen: 21.223 ng/uL
 RT: 12.77 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BM021634.D
 Acq: 25 Jul 2019 12:16

Instrument :
 BNA_M
 ClientSampleID :
 GAMR2

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.9	76.7	115.1
200	32.0	25.4	38.0

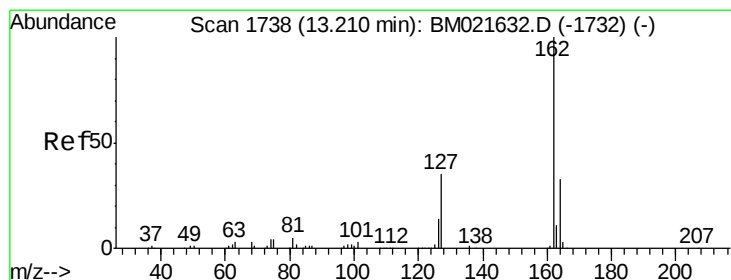
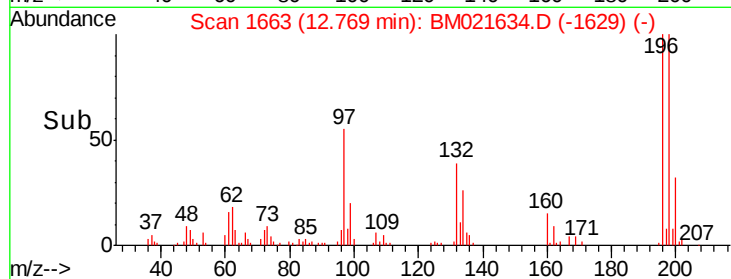
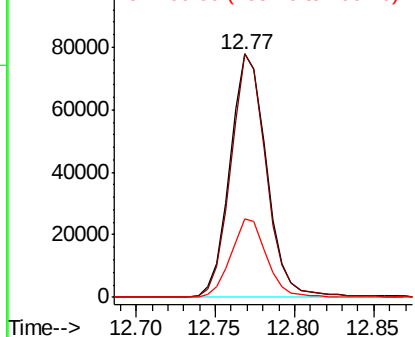


Abundance

Ion 196.00 (195.70 to 196.70): E

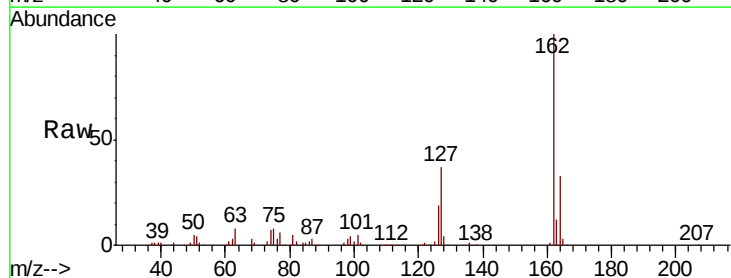
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#41
 2-Chloronaphthalene
 Concen: 23.187 ng/uL
 RT: 13.22 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BM021634.D
 Acq: 25 Jul 2019 12:16

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.5	26.2	39.2
127	36.6	30.0	45.0

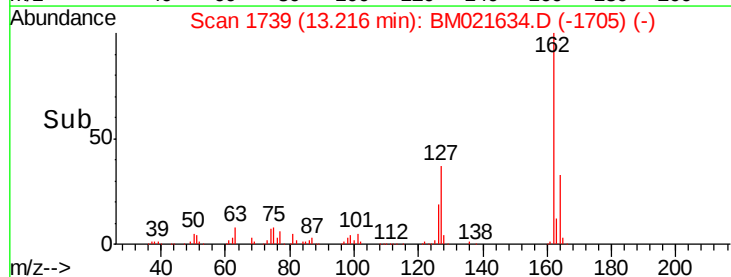
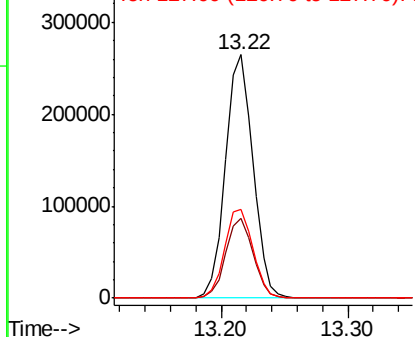


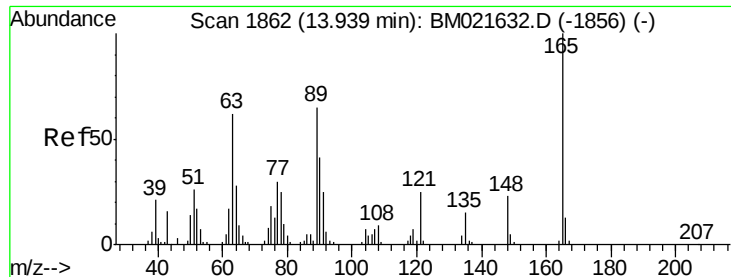
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E

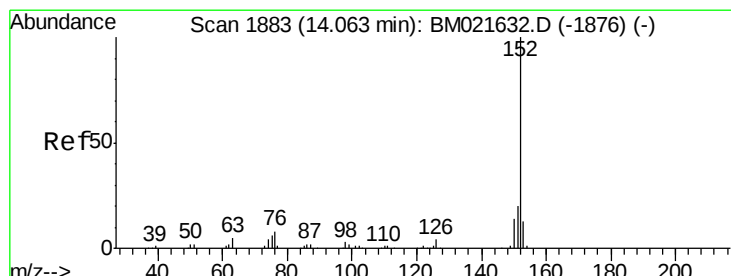
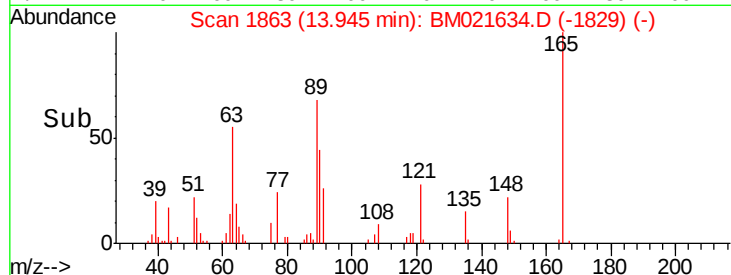
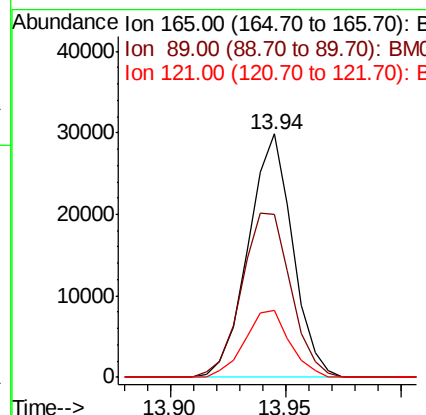
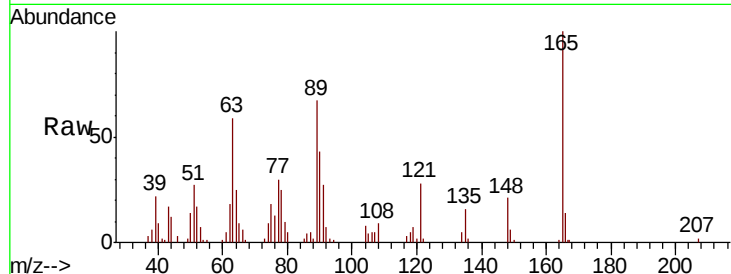




#45
2,6-Dinitrotoluene
Concen: 10.555 ng/ul
RT: 13.94 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BM021634.D
Acq: 25 Jul 2019 12:16

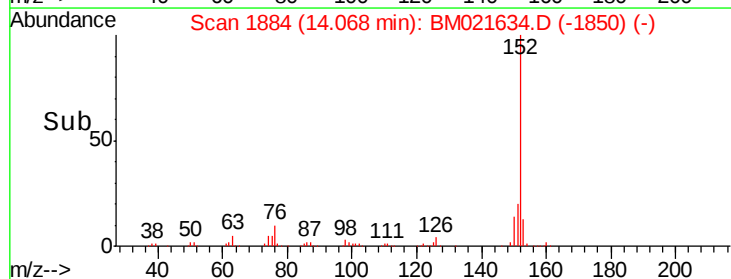
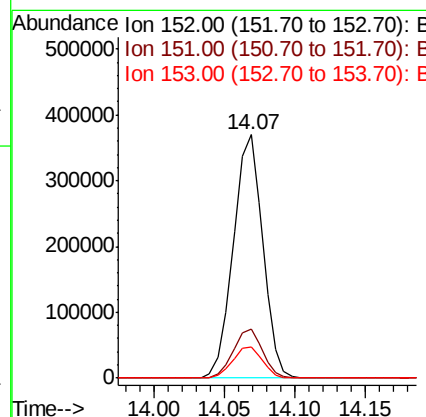
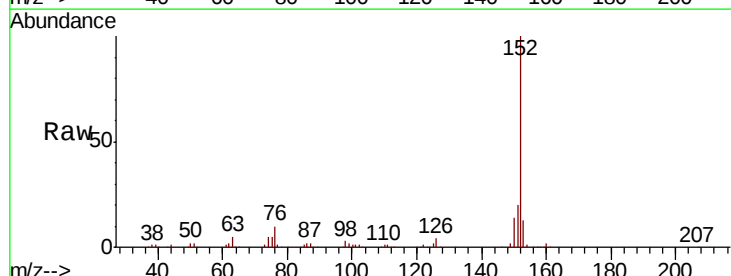
Instrument :
BNA_M
ClientSampleId :
GAMR2

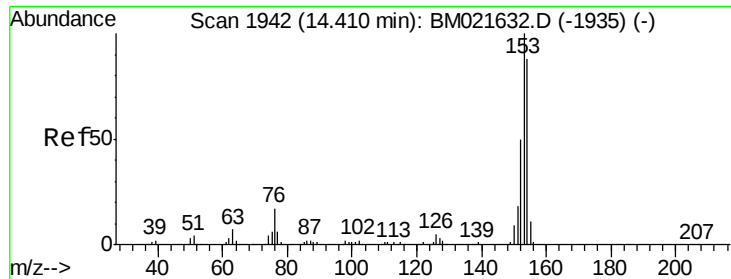
Tot Ion	Ratio	Lower	Upper
165	100		
89	66.9	47.4	71.0
121	27.7	18.5	27.7



#47
Acenaphthylene
Concen: 20.975 ng/ul
RT: 14.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BM021634.D
Acq: 25 Jul 2019 12:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.5	24.7
153	12.7	10.3	15.5





#49

Acenaphthene

Concen: 15.454 ng/ul

RT: 14.41 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

Instrument :

BNA_M

ClientSampleId :

GAMR2

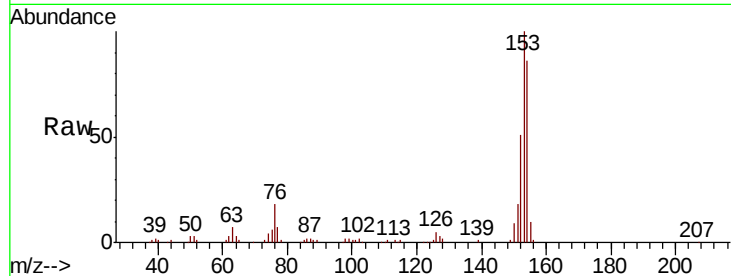
Tot Ion:153 Resp: 290995

Ion Ratio Lower Upper

153 100

152 50.9 38.6 57.8

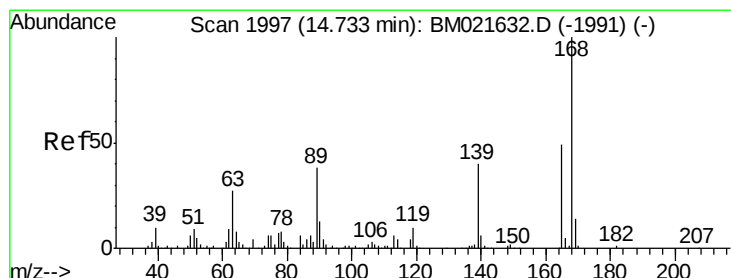
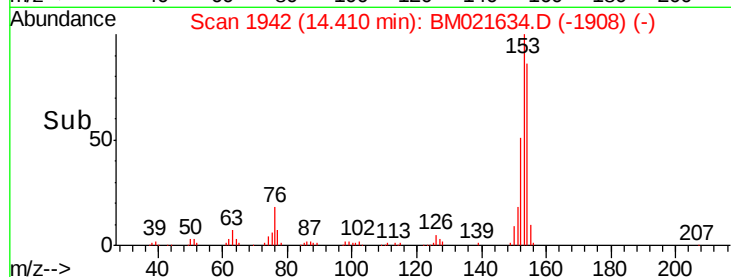
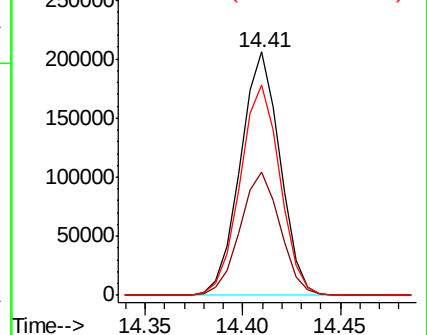
154 86.4 69.0 103.4



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



#54

2,4-Dinitrotoluene

Concen: 33.506 ng/ul

RT: 14.73 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

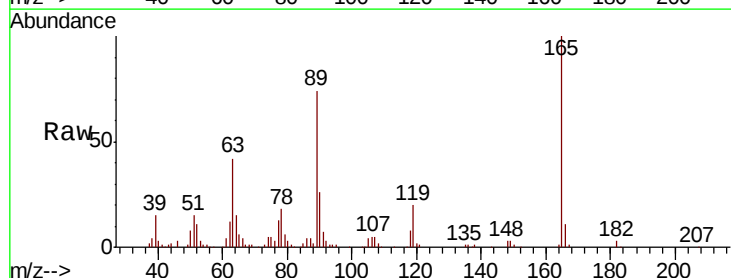
Tgt Ion:165 Resp: 215541

Ion Ratio Lower Upper

165 100

63 42.4 40.4 60.6

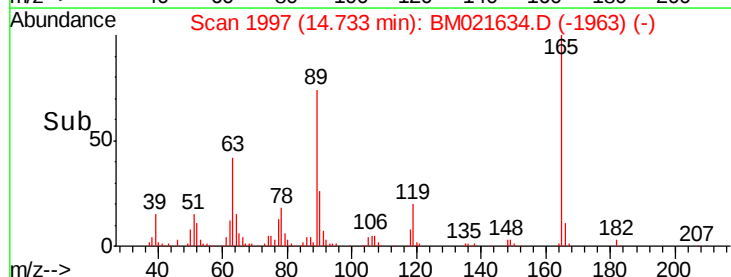
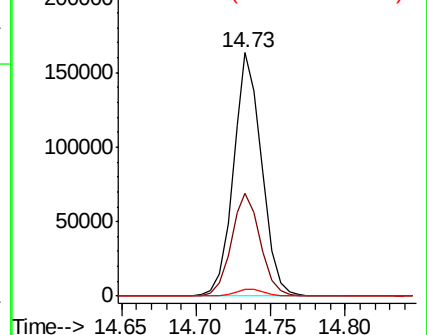
182 2.7 2.2 3.2

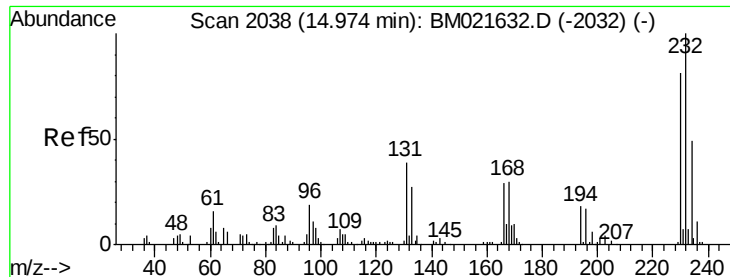


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

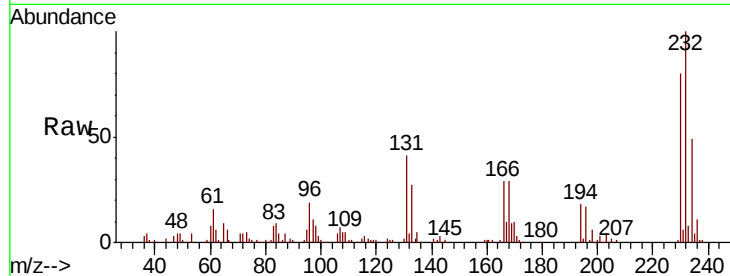




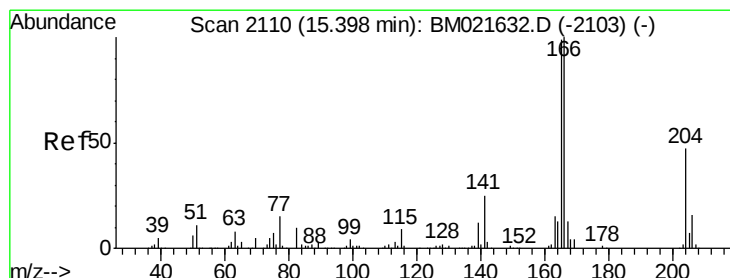
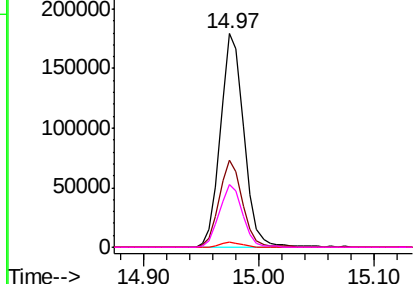
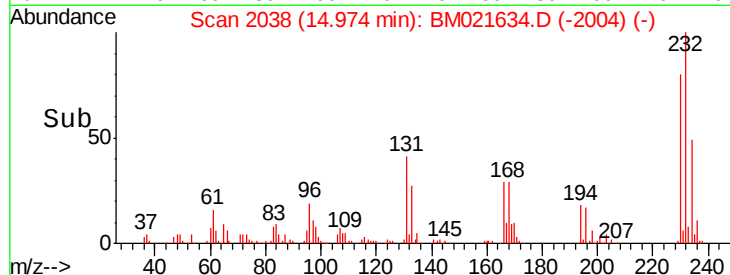
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 41.641 ng/ul
 RT: 14.97 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BM021634.D
 Acq: 25 Jul 2019 12:16

Instrument :
 BNA_M
 ClientSampled :
 GAMR2

Tot Ion:	232	Resp:	253943
Ion	Ratio	Lower	Upper
232	100		
131	41.0	31.9	47.9
130	2.3	1.8	2.6
166	29.3	23.6	35.4

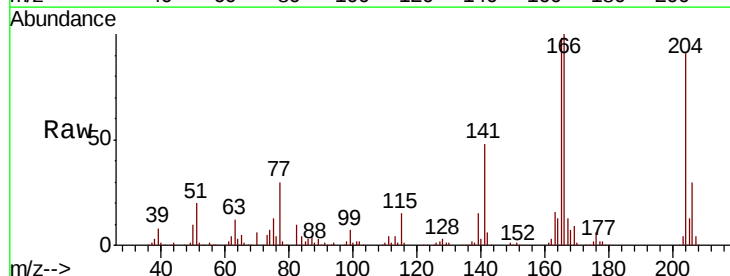


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

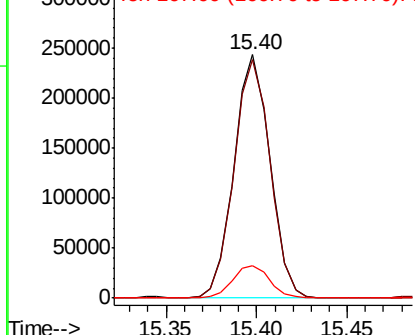
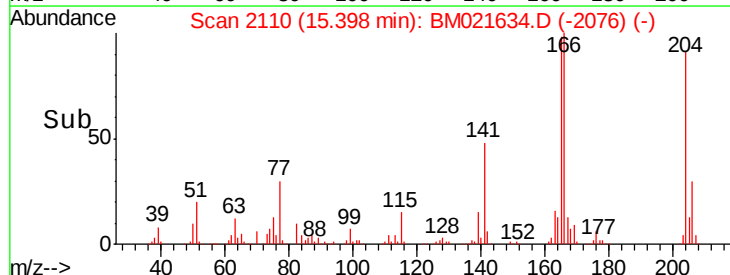


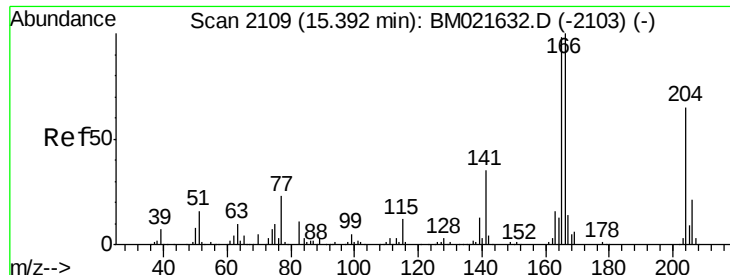
#58
 Fluorene
 Concen: 14.622 ng/ul
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: BM021634.D
 Acq: 25 Jul 2019 12:16

Tgt Ion:	166	Resp:	336238
Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.4	119.2
167	13.4	10.7	16.1



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

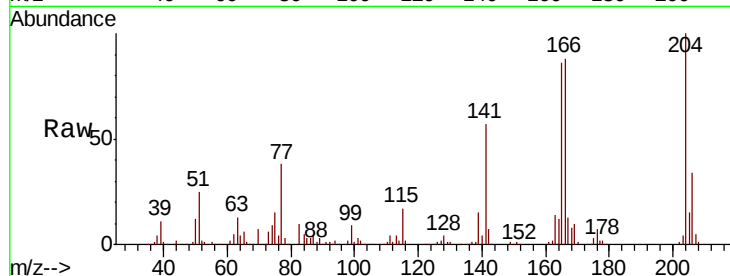




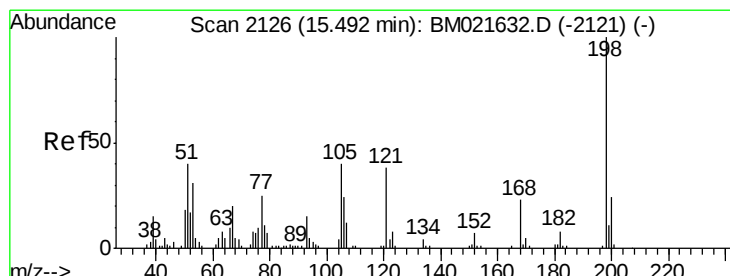
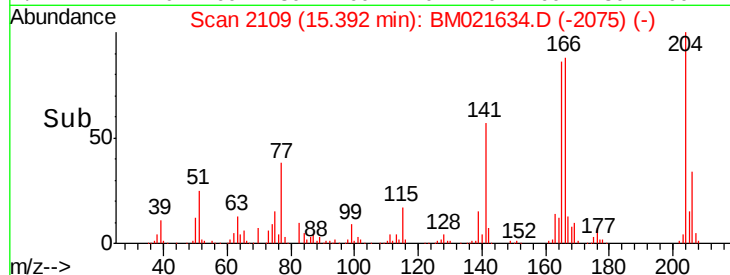
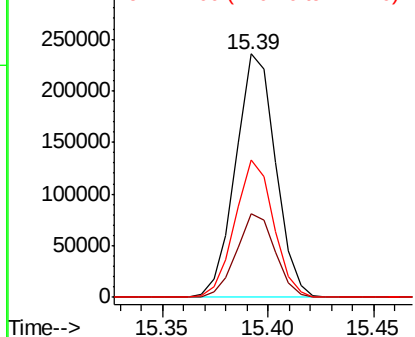
#59
 4-Chlorophenyl-phenylether
 Concen: 24.171 ng/ul
 RT: 15.39 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BM021634.D
 Acq: 25 Jul 2019 12:16

Instrument :
 BNA_M
 ClientSampleId :
 GAMR2

Tot Ion:	204	Resp:	308933
Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.6	38.4
141	56.5	42.4	63.6

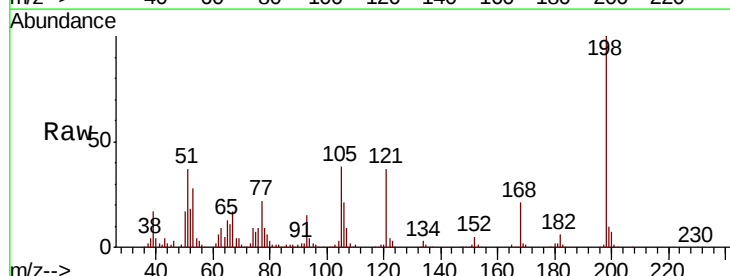


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

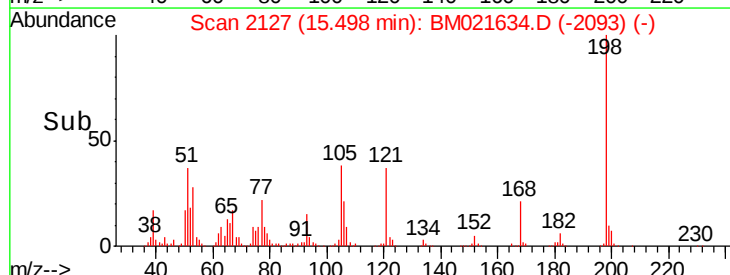
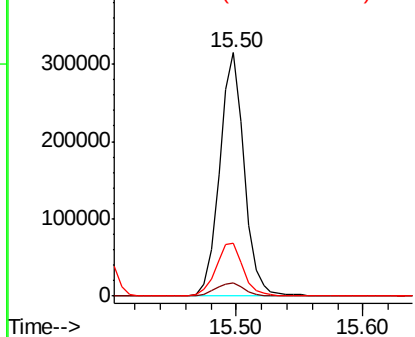


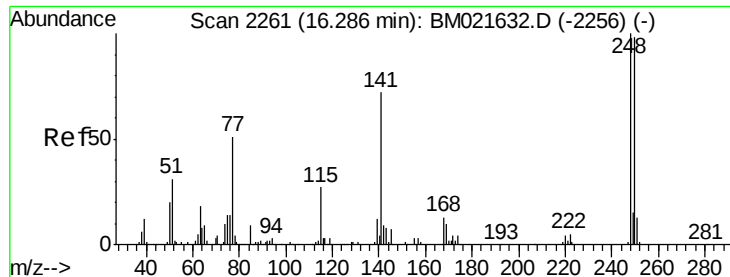
#63
 4,6-Dinitro-2-methylphenol
 Concen: 102.276 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BM021634.D
 Acq: 25 Jul 2019 12:16

Tgt Ion:	198	Resp:	423569
Ion	Ratio	Lower	Upper
198	100		
182	5.6	5.8	8.6#
77	21.7	20.0	30.0



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BM

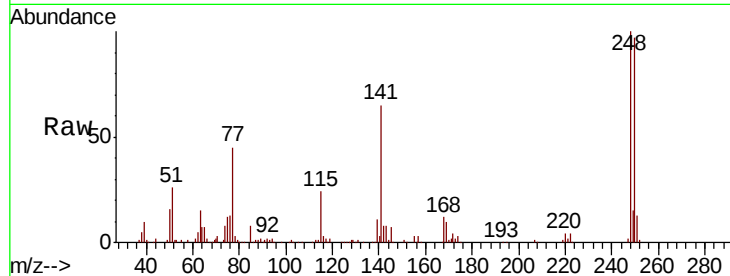




#65
4-Bromophenyl-phenylether
Concen: 32.502 ng/ul
RT: 16.29 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BM021634.D
Acq: 25 Jul 2019 12:16

Instrument :
BNA_M
ClientSampled :
GAMR2

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.1	78.2	117.2
141	65.5	52.9	79.3

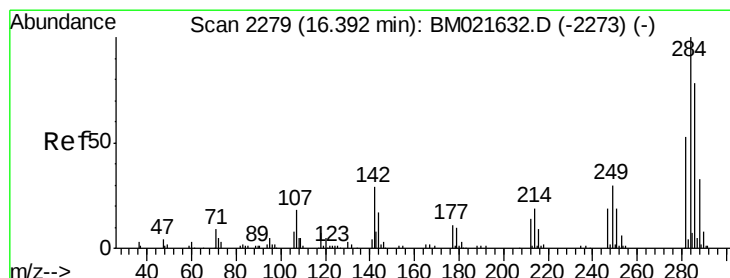
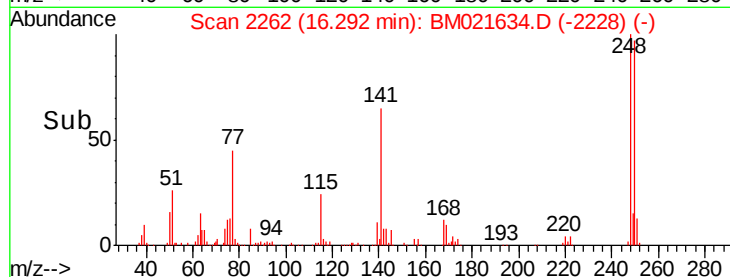
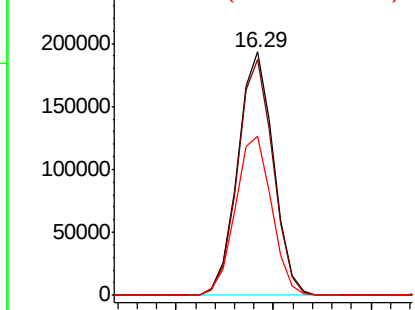


Abundance

Ion 248.00 (247.70 to 248.70): E

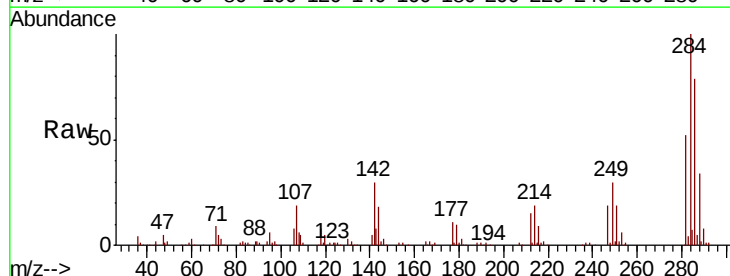
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66
Hexachlorobenzene
Concen: 33.072 ng/ul
RT: 16.39 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BM021634.D
Acq: 25 Jul 2019 12:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.1	23.3	34.9
249	30.0	23.8	35.8

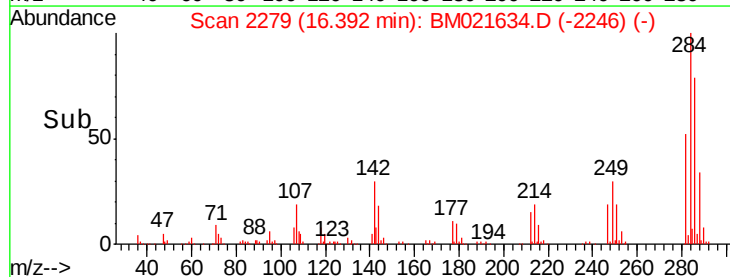
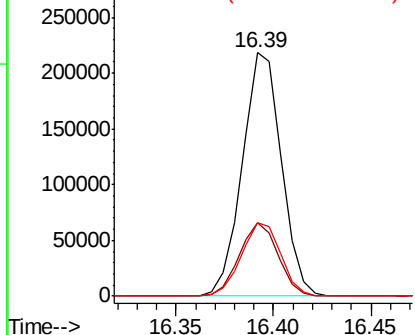


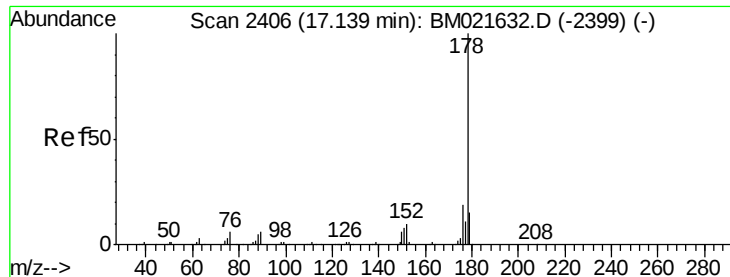
Abundance

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





#69

Phenanthrene

Concen: 16.960 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

Instrument :

BNA_M

ClientSampleId :

GAMR2

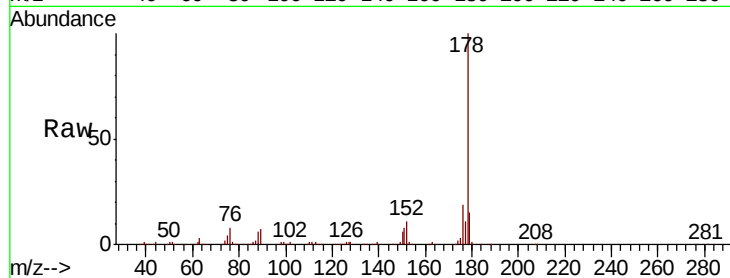
Tot Ion:178 Resp: 618984

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

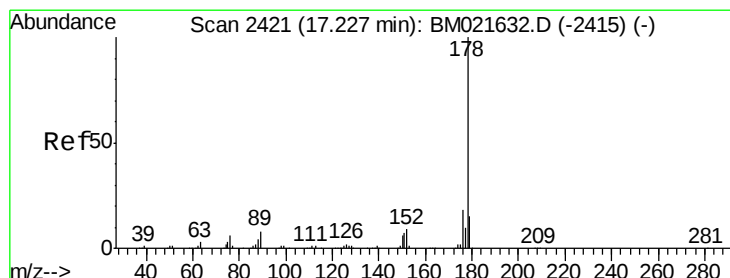
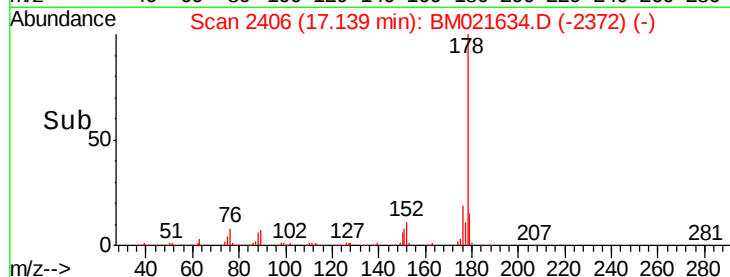
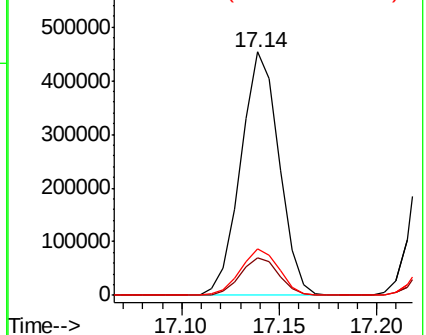
176 19.2 15.0 22.4



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



#71

Anthracene

Concen: 20.019 ng/ul

RT: 17.23 min Scan# 2422

Delta R.T. -0.00 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

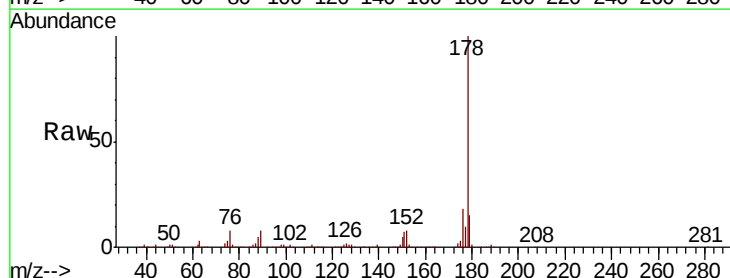
Tgt Ion:178 Resp: 738915

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

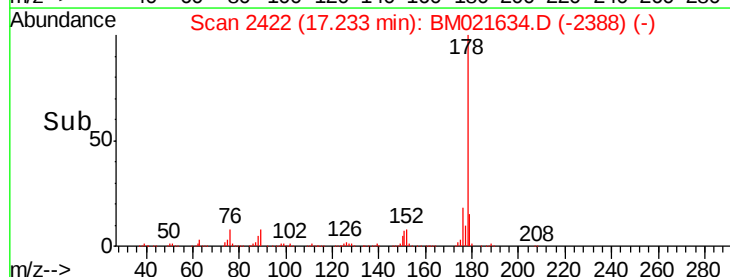
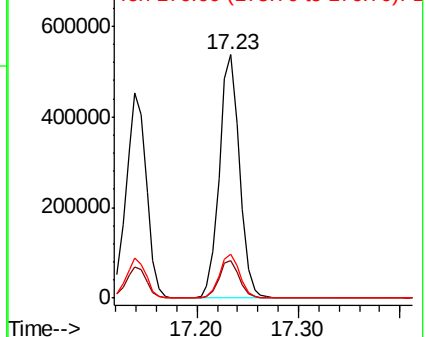
176 18.1 14.6 21.8

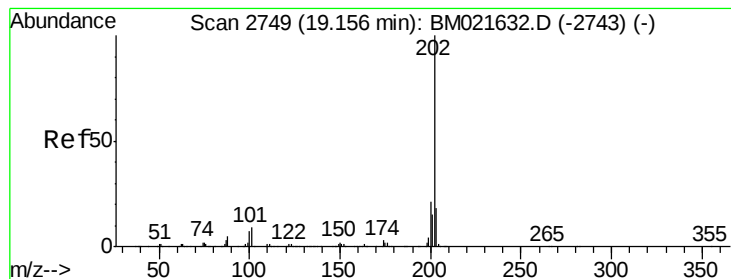


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 45.993 ng/ul

RT: 19.16 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

Instrument :

BNA_M

ClientSampleId :

GAMR2

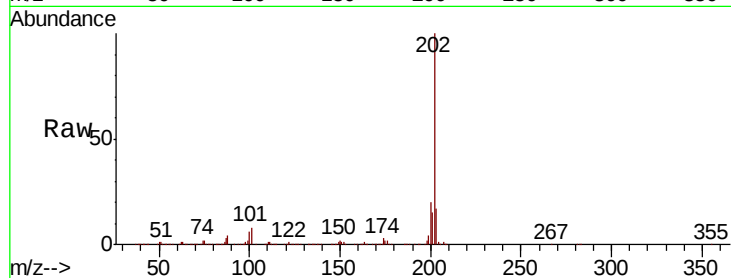
Tot Ion:202 Resp: 2080899

Ion Ratio Lower Upper

202 100

101 8.4 7.2 10.8

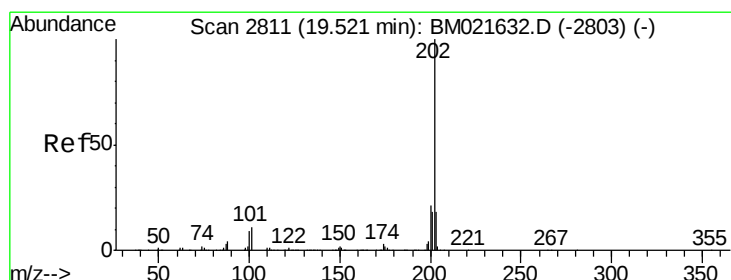
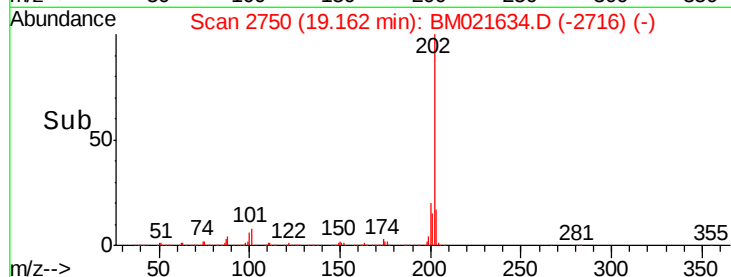
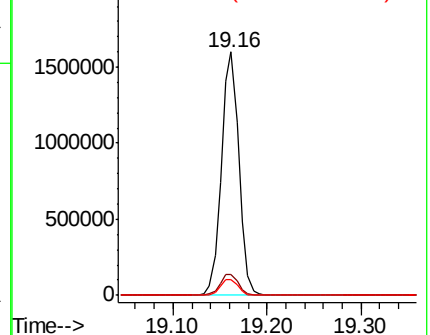
100 6.4 5.6 8.4



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



#79

Pyrene

Concen: 16.288 ng/ul

RT: 19.53 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

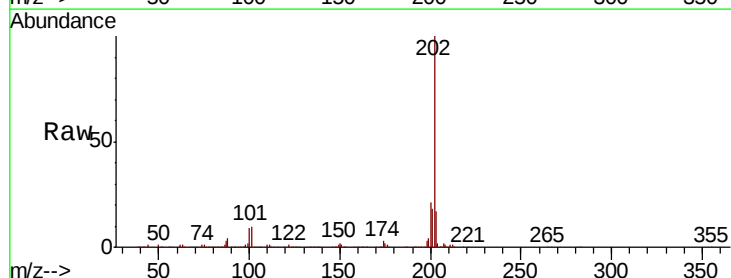
Tgt Ion:202 Resp: 856215

Ion Ratio Lower Upper

202 100

101 10.4 8.6 13.0

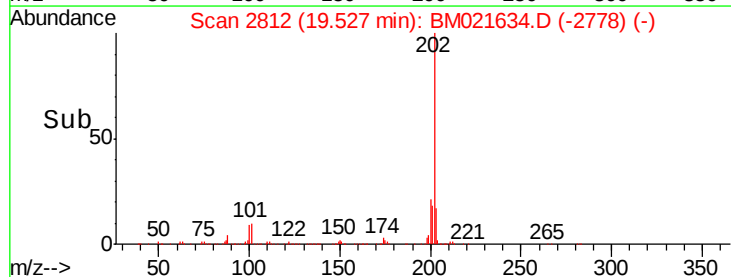
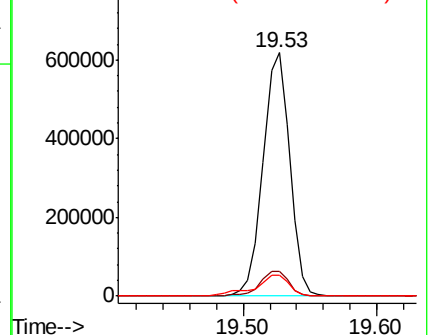
100 8.5 7.1 10.7

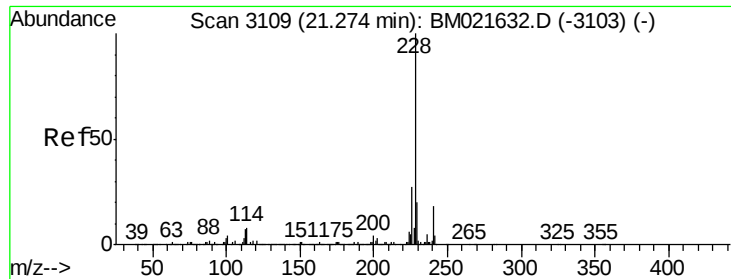


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 15.734 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

Instrument :

BNA_M

ClientSampleId :

GAMR2

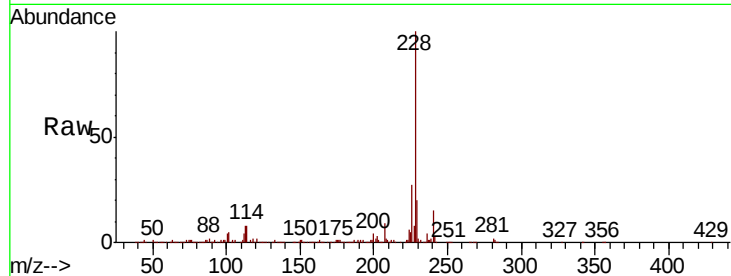
Tot Ion:228 Resp: 910207

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.6
226	27.3	21.7	32.5

228 100

229 20.0 15.8 23.6

226 27.3 21.7 32.5

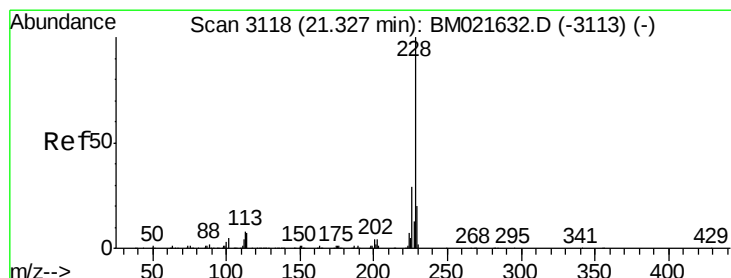
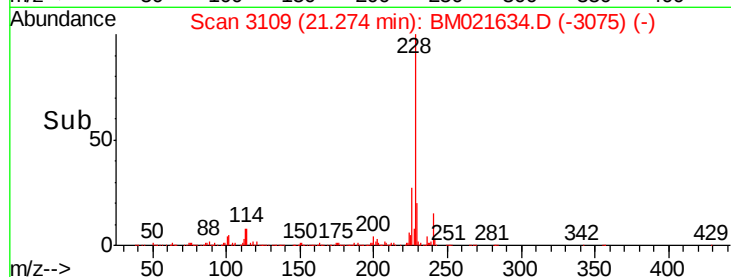
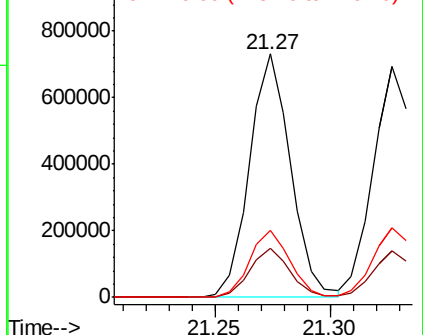


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84

Chrysene

Concen: 15.701 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

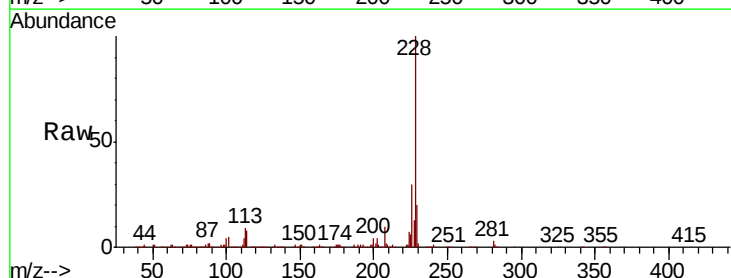
Tgt Ion:228 Resp: 866234

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	20.1	15.4	23.2

228 100

226 30.1 24.2 36.2

229 20.1 15.4 23.2

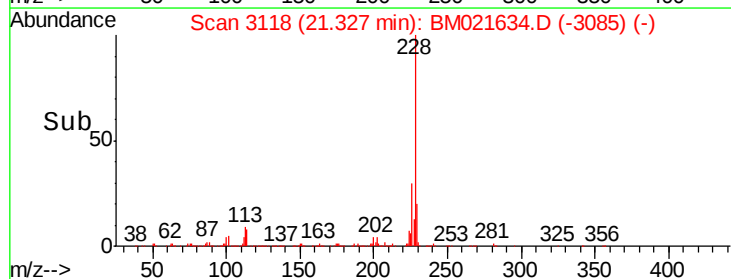
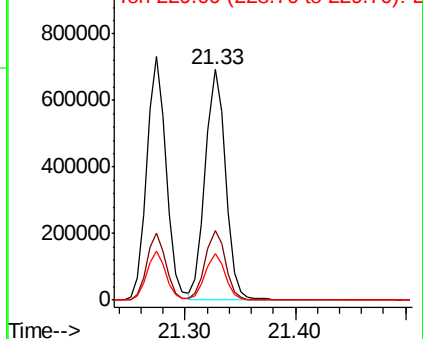


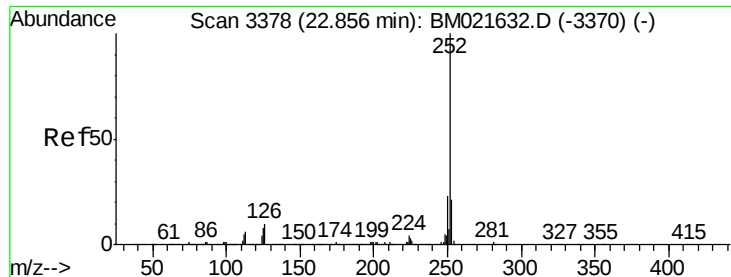
Abundance

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

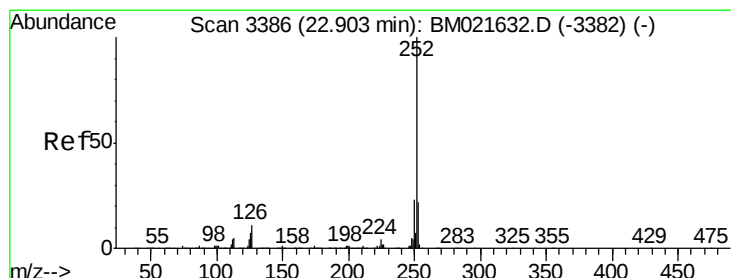
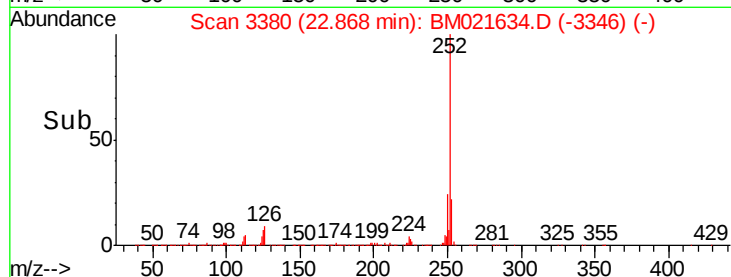
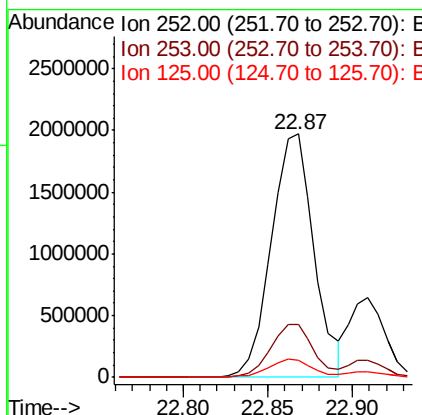
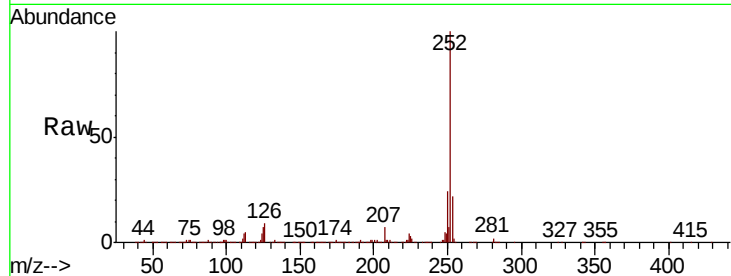




#87
Benzo(b)fluoranthene
Concen: 53.496 ng/ul
RT: 22.87 min Scan# 3380
Delta R.T. -0.00 min
Lab File: BM021634.D
Acq: 25 Jul 2019 12:16

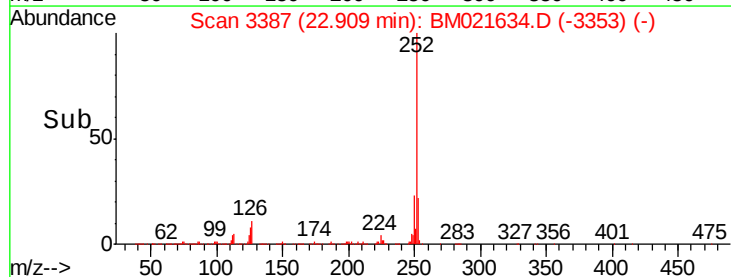
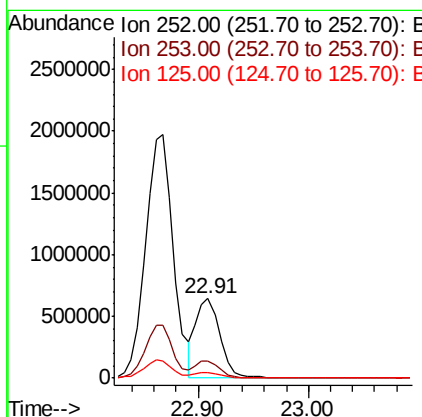
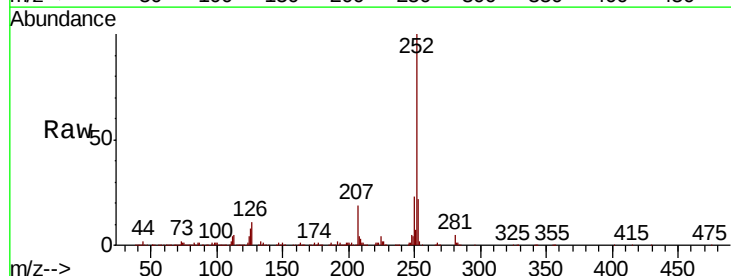
Instrument :
BNA_M
ClientSampleId :
GAMR2

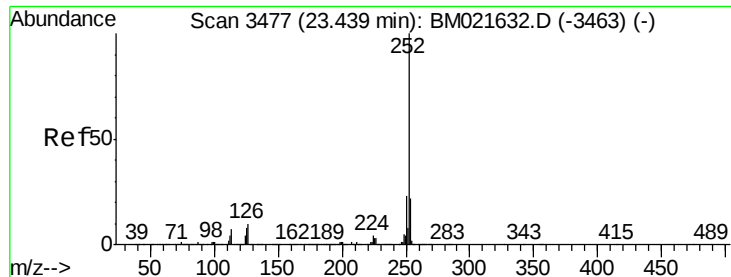
Tot Ion:252 Resp: 3457137
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 7.2 5.8 8.6



#88
Benzo(k)fluoranthene
Concen: 15.198 ng/ul
RT: 22.91 min Scan# 3387
Delta R.T. -0.00 min
Lab File: BM021634.D
Acq: 25 Jul 2019 12:16

Tgt Ion:252 Resp: 963508
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 7.6 6.4 9.6





#90

Benzo(a)pyrene

Concen: 13.378 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. -0.01 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

Instrument :

BNA_M

ClientSampleId :

GAMR2

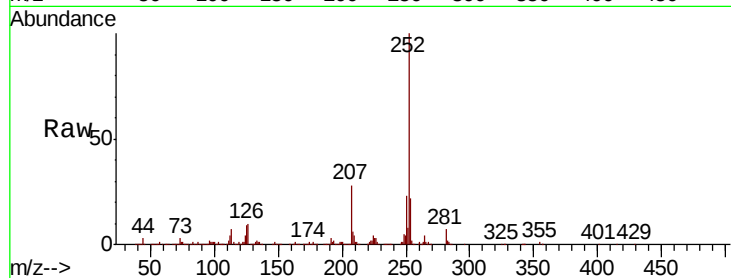
Tot Ion:252 Resp: 830170

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

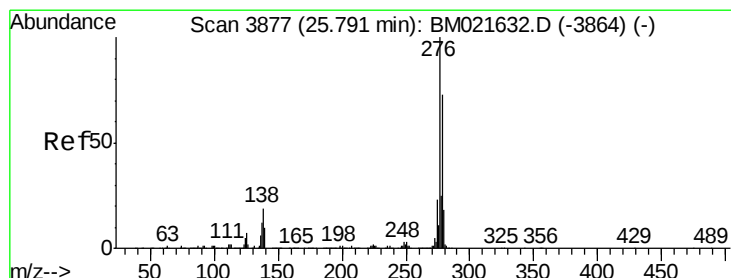
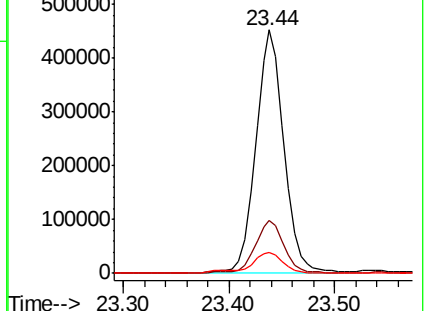
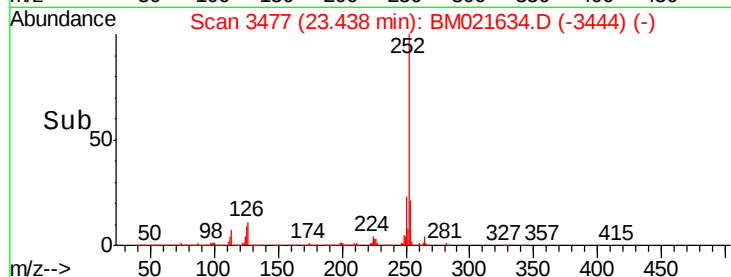
125 8.7 7.0 10.4



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 17.649 ng/ul

RT: 25.80 min Scan# 3878

Delta R.T. -0.01 min

Lab File: BM021634.D

Acq: 25 Jul 2019 12:16

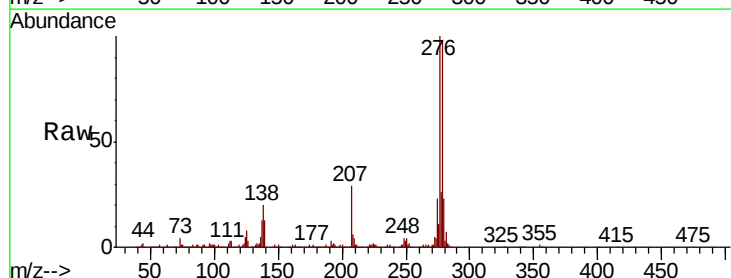
Tgt Ion:276 Resp: 1330000

Ion Ratio Lower Upper

276 100

138 20.3 15.2 22.8

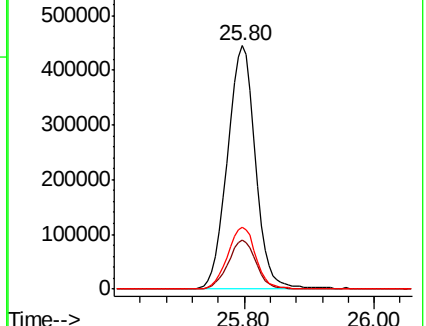
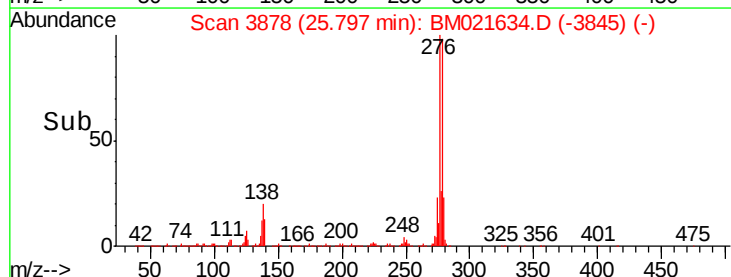
277 25.5 20.2 30.2

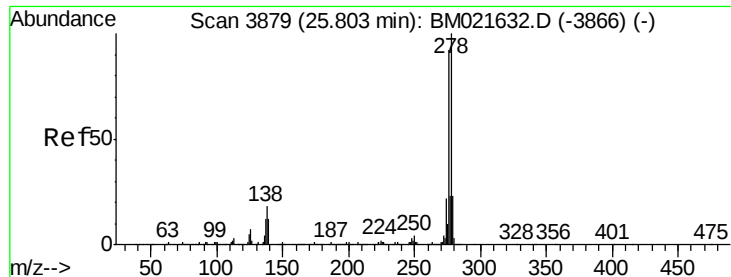


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

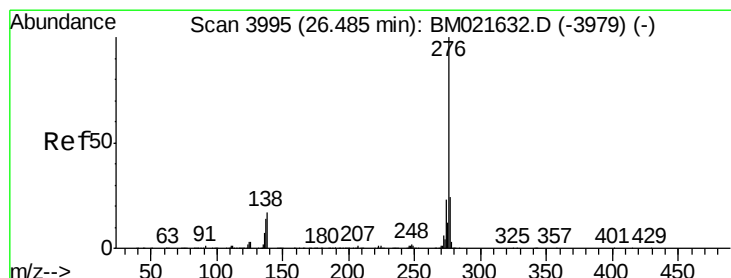
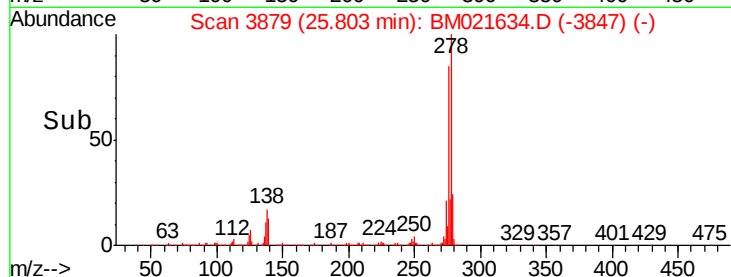
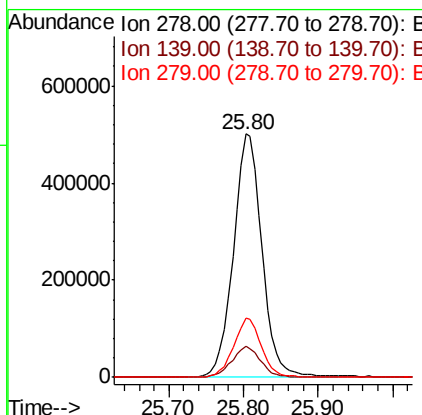
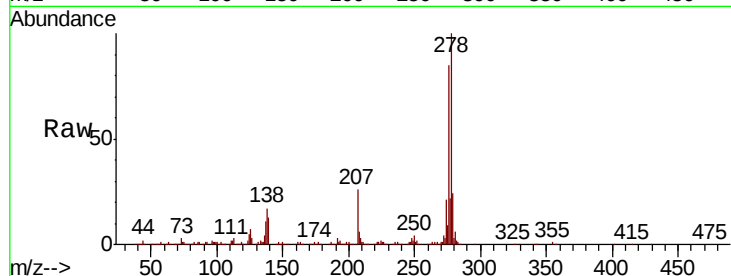




#92
Dibenzo(a,h)anthracene
Concen: 20.981 ng/ul
RT: 25.80 min Scan# 3879
Delta R.T. -0.01 min
Lab File: BM021634.D
Acq: 25 Jul 2019 12:16

Instrument :
BNA_M
ClientSampleId :
GAMR2

Tot Ion:278 Resp: 1329751
Ion Ratio Lower Upper
278 100
139 12.8 9.9 14.9
279 24.2 18.6 28.0



#93
Benzo(g,h,i)perylene
Concen: 18.791 ng/ul
RT: 26.49 min Scan# 3995
Delta R.T. -0.01 min
Lab File: BM021634.D
Acq: 25 Jul 2019 12:16

Tgt Ion:276 Resp: 1146856
Ion Ratio Lower Upper
276 100
138 16.9 13.7 20.5
277 23.5 19.0 28.6

