

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
 Data File : BM021595.D
 Acq On : 22 Jul 2019 22:47
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 23 04:31:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 20 05:03:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	149990	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	686580	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.35	164	474408	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1231402	20.00	ng/ul	0.00
77) Chrysene-d12	21.30	240	1438558	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1672367	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	21713	7.13	ng/uL	0.00
5) Phenol-d5	6.88	99	226684	19.44	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	132082	19.10	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.24	132	184899	18.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	194576	20.95	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	94029	16.63	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.59	143	102567	16.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	226518	17.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	242589	21.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.77	166	750268	18.06	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	917822	17.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	122640	18.63	ng/ul	-0.01
57) Fluorene-d10	15.35	176	655923	17.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	131774	15.92	ng/ul	0.00
70) Anthracene-d10	17.20	188	1110904	17.37	ng/ul	0.00
78) Pyrene-d10	19.50	212	1319002	16.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1562496	16.25	ng/ul	0.00

Target Compounds

				Ovalue
2) 1,4-Dioxane	3.28	88	20776	6.492 ng/uL# 94
4) Benzaldehyde	6.87	77	110798	17.597 ng/ul 99
6) Phenol	6.91	94	232548	20.833 ng/ul 98
8) Bis(2-Chloroethyl)ether	7.15	93	173511	20.104 ng/ul 98
10) 2-Chlorophenol	7.27	128	187153	19.400 ng/ul 98
11) 2-Methylphenol	8.15	108	182569	21.464 ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	233328	22.170 ng/ul 99
14) Acetophenone	8.53	105	311649	22.274 ng/ul 95
15) N-Nitroso-di-n-propylamine	8.52	70	158825	22.638 ng/ul 95
16) 4-Methylphenol	8.48	108	200310	22.212 ng/ul 94
17) Hexachloroethane	8.76	117	80509	19.085 ng/ul 95
20) Nitrobenzene	8.91	77	239997	18.946 ng/ul 99
21) Isophorone	9.43	82	466730	20.788 ng/ul 98
23) 2-Nitrophenol	9.62	139	114715	18.013 ng/ul 95
24) 2,4-Dimethylphenol	9.67	107	241548	19.495 ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.92	93	275119	19.645 ng/ul 98
27) 2,4-Dichlorophenol	10.14	162	220454	18.896 ng/ul 97
28) Naphthalene	10.54	128	662058	18.529 ng/ul 100
30) 4-Chloroaniline	10.67	127	246589	22.372 ng/ul 100
31) Hexachlorobutadiene	10.80	225	152201	17.652 ng/ul 98
32) Caprolactam	11.47	113	84787	27.847 ng/ul 98
33) 4-Chloro-3-methylphenol	11.79	107	238878	21.997 ng/ul 99
34) 2-Methylnaphthalene	12.16	142	518482	19.686 ng/ul 100

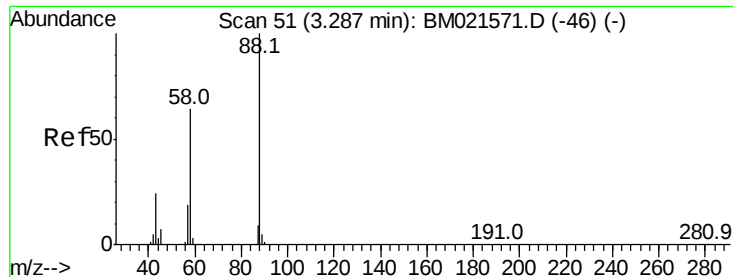
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 20 05:03:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	311534	16.885	ng/ul	99
37) Hexachlorocyclopentadiene	12.49	237	143059	15.242	ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	197681	18.004	ng/ul	96
39) 2,4,5-Trichlorophenol	12.85	196	217873	18.721	ng/ul	99
40) 1,1'-Biphenyl	13.18	154	707235	17.812	ng/ul	99
41) 2-Chloronaphthalene	13.22	162	568971	17.880	ng/ul	98
42) 2-Nitroaniline	13.44	65	135736	19.522	ng/ul	90
44) Dimethylphthalate	13.82	163	756767	19.560	ng/ul	99
45) 2,6-Dinitrotoluene	13.94	165	136719	19.406	ng/ul	95
47) Acenaphthylene	14.07	152	839956	18.507	ng/ul	100
48) 3-Nitroaniline	14.28	138	115921	18.291	ng/ul	94
49) Acenaphthene	14.42	153	612020	18.558	ng/ul	99
50) 2,4-Dinitrophenol	14.49	184	79221	18.697	ng/ul	93
52) 4-Nitrophenol	14.59	109	106699	21.756	ng/ul	96
53) Dibenzofuran	14.75	168	895062	18.735	ng/ul	97
54) 2,4-Dinitrotoluene	14.74	165	223639	20.696	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.98	232	207842	20.039	ng/ul	97
56) Diethylphthalate	15.18	149	743572	20.018	ng/ul	98
58) Fluorene	15.40	166	740957	19.170	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	411989	19.073	ng/ul	99
60) 4-Nitroaniline	15.45	138	119491	18.362	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.50	198	137795	16.733	ng/ul	98
64) N-Nitrosodiphenylamine	15.62	169	644954	17.606	ng/ul	100
65) 4-Bromophenyl-phenylether	16.30	248	267097	17.531	ng/ul	98
66) Hexachlorobenzene	16.40	284	321544	17.752	ng/ul	97
67) Atrazine	16.58	200	292992	21.650	ng/ul	99
68) Pentachlorophenol	16.76	266	176069	18.440	ng/ul	99
69) Phenanthrene	17.14	178	1273137	18.336	ng/ul	99
71) Anthracene	17.24	178	1298389	18.373	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.14	216	312225	15.467	ng/uL	99
73) Pentachlorobenzene	14.67	250	361126	17.366	ng/uL	99
74) Carbazole	17.52	167	1125273	19.184	ng/ul	99
75) Di-n-butylphthalate	18.07	149	1261205	18.768	ng/ul	99
76) Fluoranthene	19.17	202	1614226	19.579	ng/ul	100
79) Pvrene	19.53	202	1666207	17.501	ng/ul	100
80) Butylbenzylphthalate	20.43	149	570918	16.928	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.22	252	525594	16.432	ng/ul	99
82) Benzo(a)anthracene	21.28	228	1833759	18.614	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	833117	16.794	ng/ul	98
84) Chrysene	21.33	228	1709613	18.460	ng/ul	99
86) Di-n-octyl phthalate	22.09	149	1485664	16.445	ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	1939061	18.606	ng/ul	100
88) Benzo(k)fluoranthene	22.91	252	1866877	17.984	ng/ul	99
90) Benzo(a)pyrene	23.45	252	1849286	18.371	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.81	276	2312083	18.594	ng/ul	99
92) Dibenzo(a,h)anthracene	25.82	278	1938752	18.547	ng/ul	99
93) Benzo(g,h,i)perylene	26.50	276	1883283	18.358	ng/ul	99

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



#2

1,4-Dioxane

Concen: 6.492 ng/uL

RT: 3.28 min Scan# 50

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

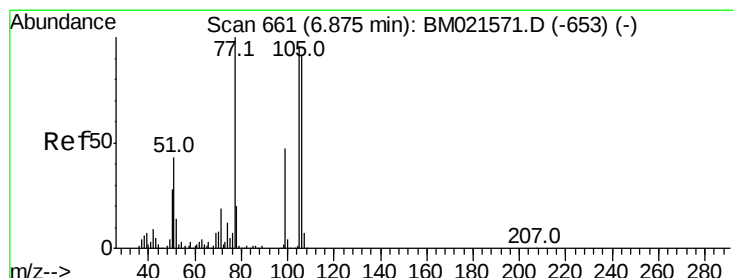
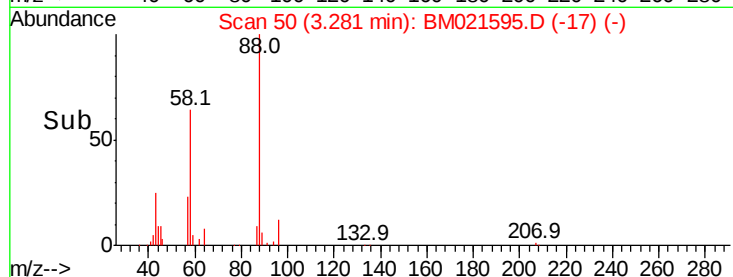
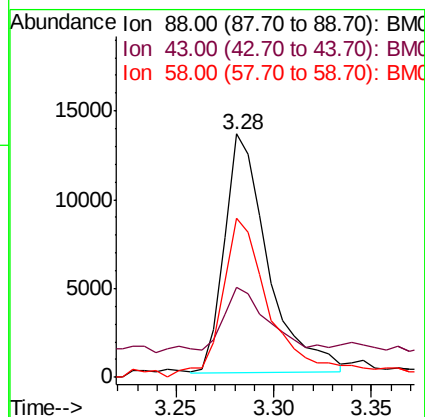
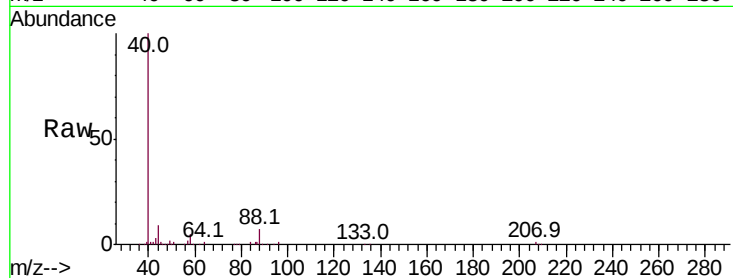
Tot Ion: 88 Resp: 20776

Ion Ratio Lower Upper

88 100

43 37.0 23.4 35.2#

58 65.3 50.6 75.8



#4

Benzaldehyde

Concen: 17.597 ng/uL

RT: 6.87 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

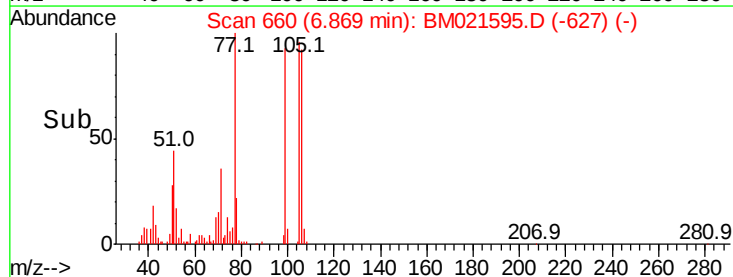
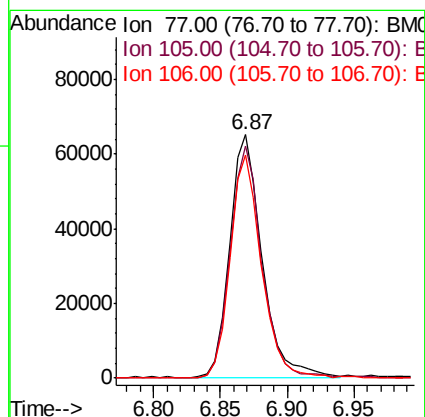
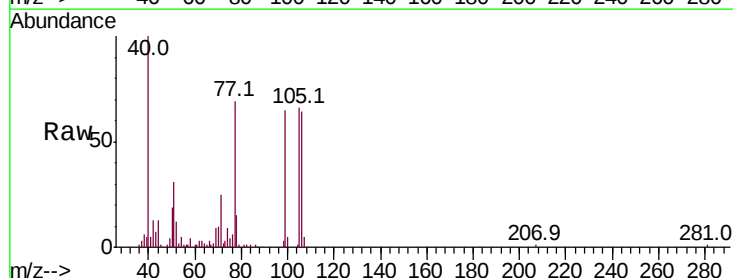
Tgt Ion: 77 Resp: 110798

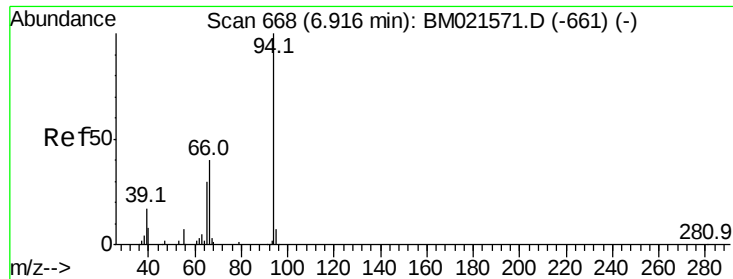
Ion Ratio Lower Upper

77 100

105 95.5 76.8 115.2

106 91.6 71.4 107.2





#6

Phenol

Concen: 20.833 ng/ul

RT: 6.91 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

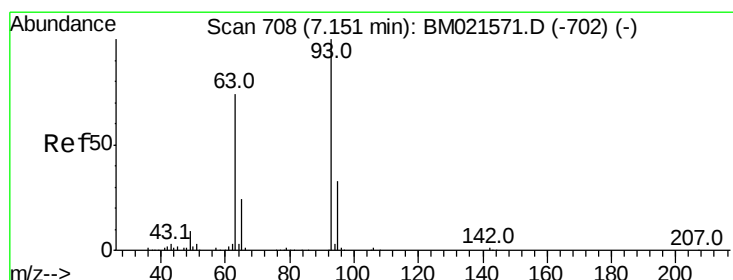
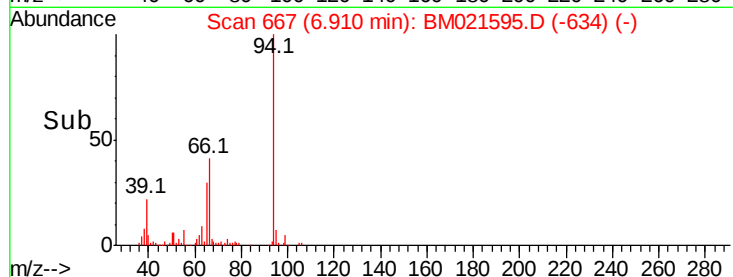
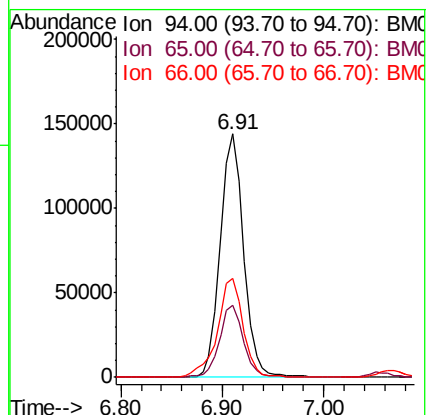
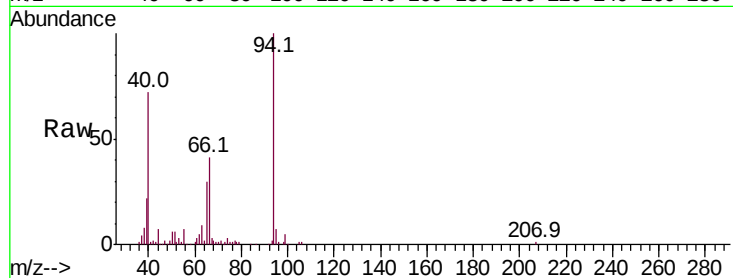
Tot Ion: 94 Resp: 232548

Ion Ratio Lower Upper

94 100

65 29.7 23.0 34.6

66 40.7 31.6 47.4



#8

Bis(2-Chloroethyl)ether

Concen: 20.104 ng/ul

RT: 7.15 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

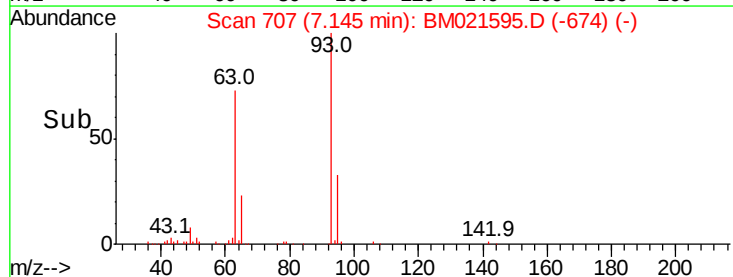
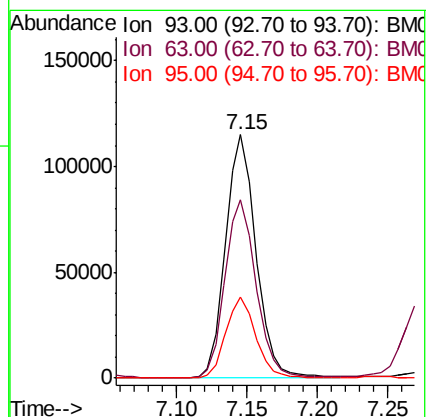
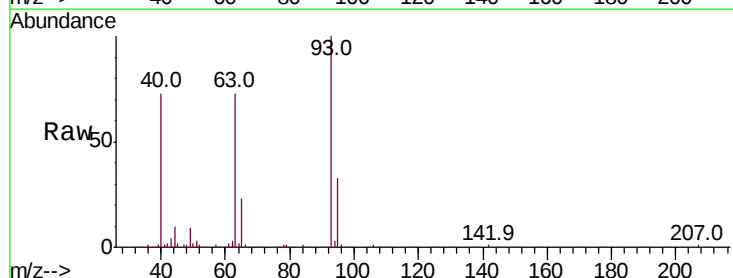
Tgt Ion: 93 Resp: 173511

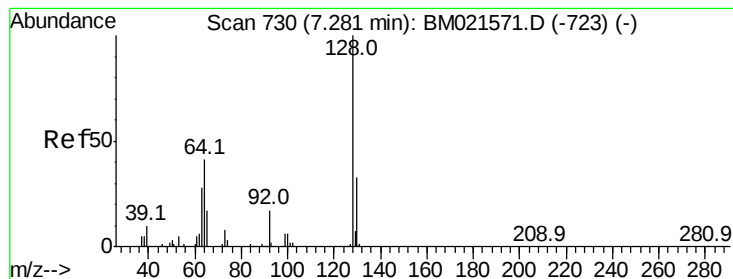
Ion Ratio Lower Upper

93 100

63 73.2 56.6 85.0

95 33.1 25.8 38.6





#10

2-Chlorophenol

Concen: 19.400 ng/ul

RT: 7.27 min Scan# 729

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

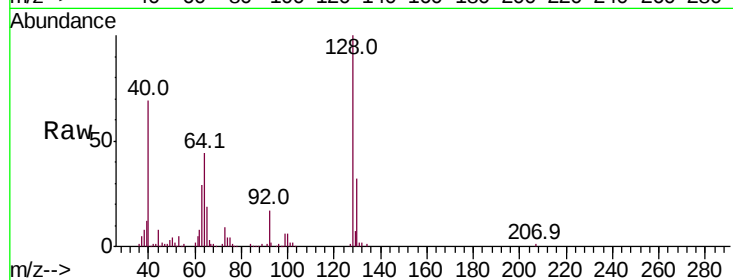
Tot Ion:128 Resp: 187153

Ion Ratio Lower Upper

128 100

64 43.8 34.4 51.6

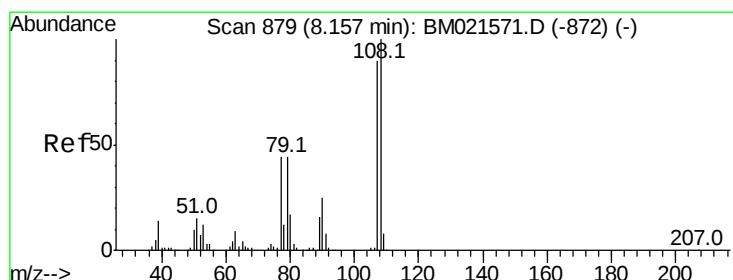
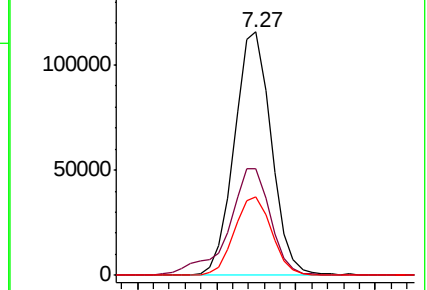
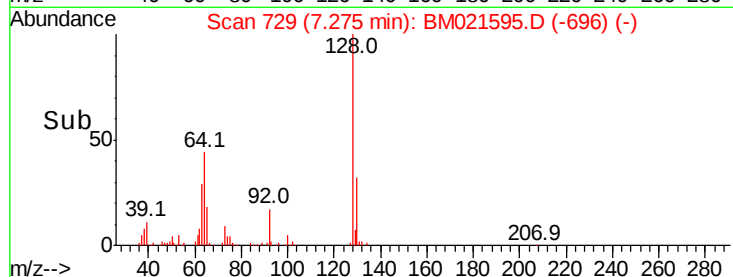
130 32.0 26.9 40.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 21.464 ng/ul

RT: 8.15 min Scan# 878

Delta R.T. -0.01 min

Lab File: BM021595.D

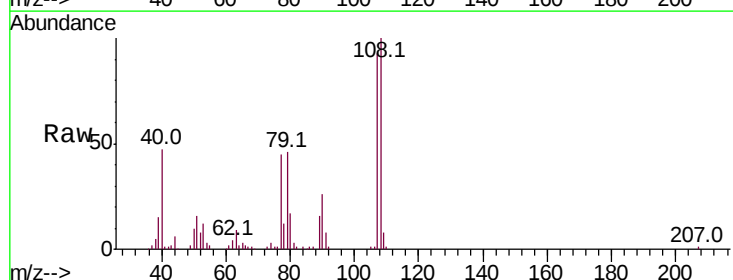
Acq: 22 Jul 2019 22:47

Tgt Ion:108 Resp: 182569

Ion Ratio Lower Upper

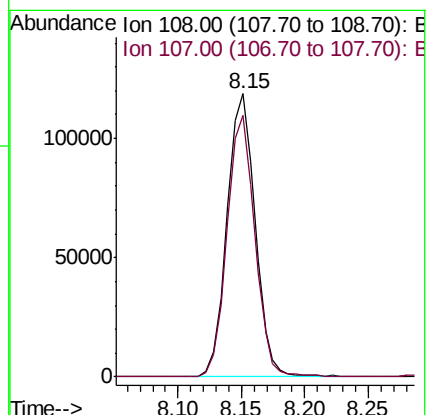
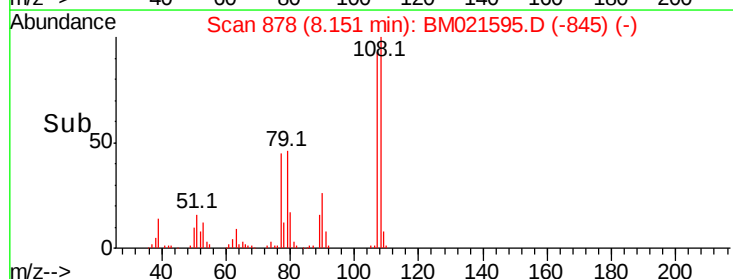
108 100

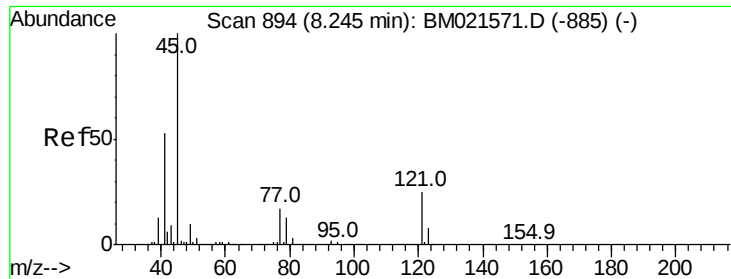
107 92.6 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

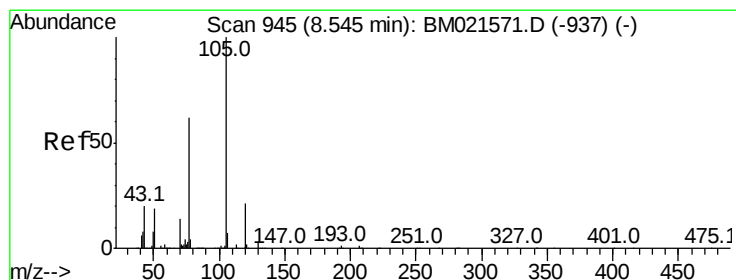
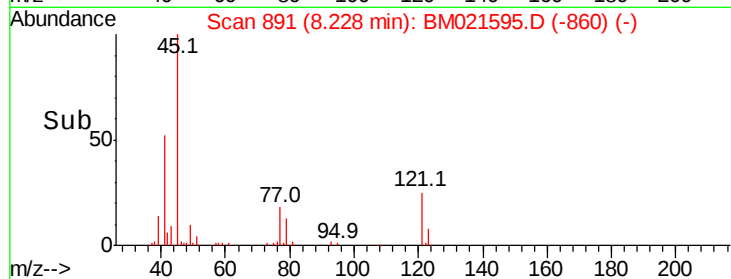
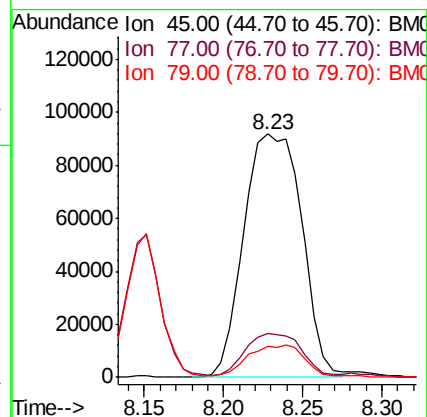
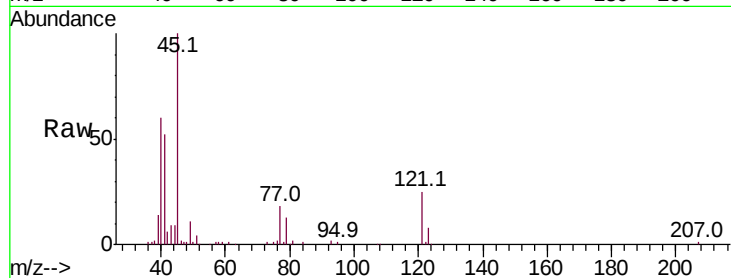




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 22.170 ng/ul
RT: 8.23 min Scan# 891
Delta R.T. -0.02 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

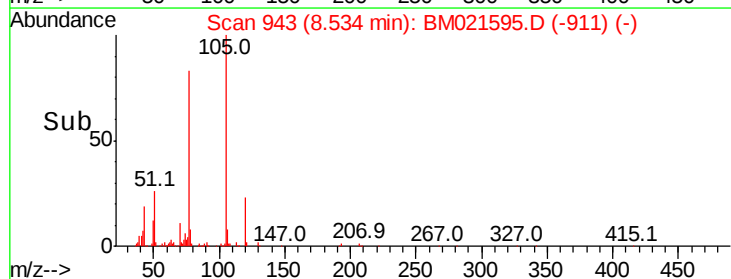
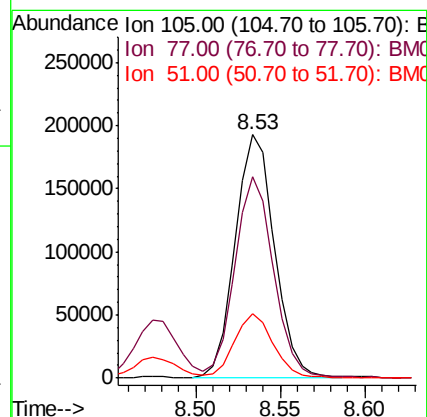
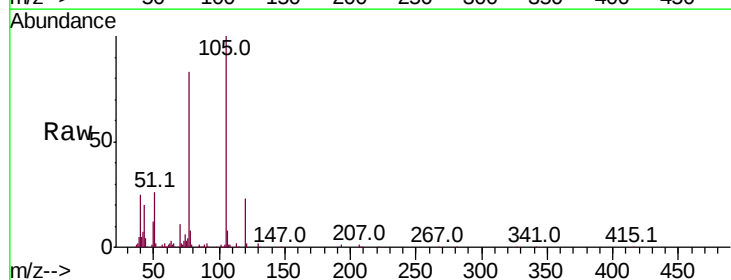
Instrument :
BNA_M
ClientSampleId :

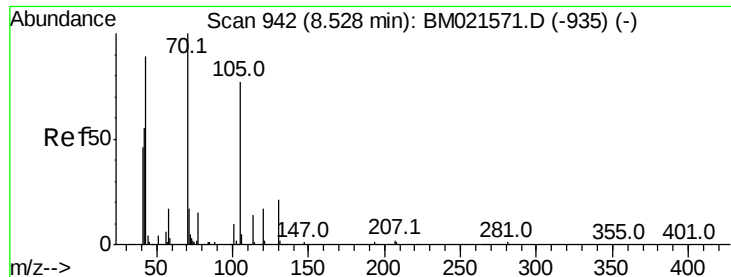
Tot Ion: 45 Resp: 233328
Ion Ratio Lower Upper
45 100
77 17.8 14.2 21.2
79 12.7 10.7 16.1



#14
Acetophenone
Concen: 22.274 ng/ul
RT: 8.53 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

Tgt Ion:105 Resp: 311649
Ion Ratio Lower Upper
105 100
77 82.8 62.1 93.1
51 26.4 20.2 30.4





#15

N-Nitroso-di-n-propylamine

Concen: 22.638 ng/ul

RT: 8.52 min Scan# 940

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 158825

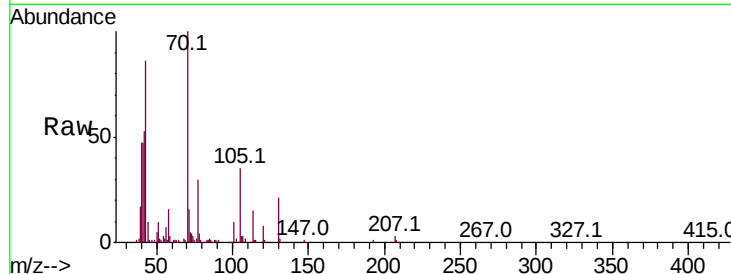
Ion Ratio Lower Upper

70 100

42 53.3 39.9 59.9

101 10.0 7.6 11.4

130 20.6 18.5 27.7

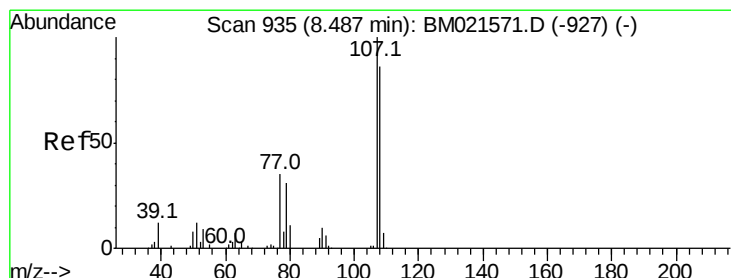
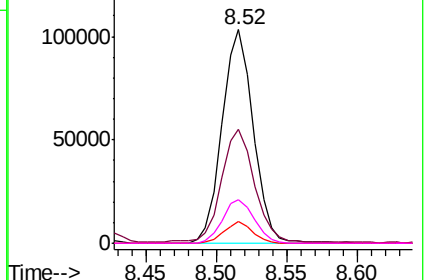
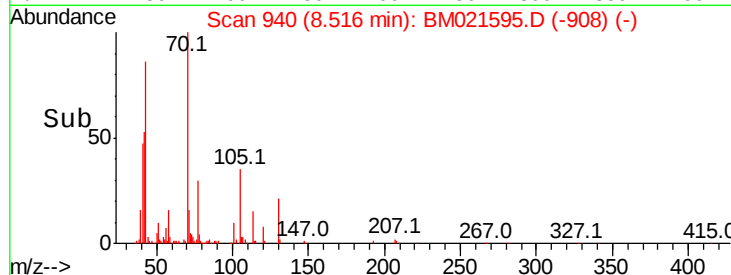


Abundance Ion 70.00 (69.70 to 70.70): BM021595.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM021595.D (-908) (-)

Ion 101.00 (100.70 to 101.70): BM021595.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM021595.D (-908) (-)



#16

4-Methylphenol

Concen: 22.212 ng/ul

RT: 8.48 min Scan# 934

Delta R.T. -0.01 min

Lab File: BM021595.D

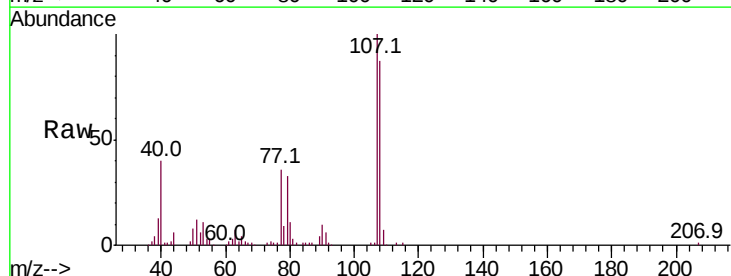
Acq: 22 Jul 2019 22:47

Tgt Ion: 108 Resp: 200310

Ion Ratio Lower Upper

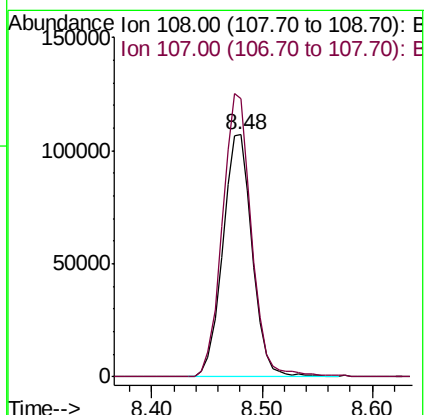
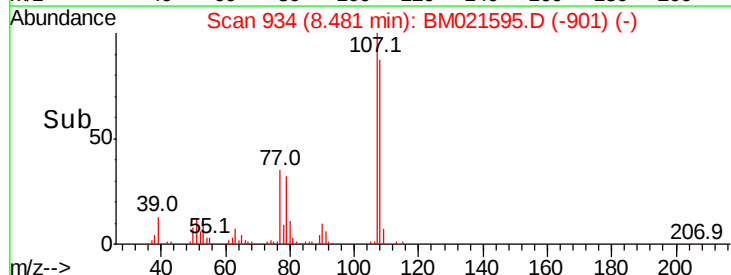
108 100

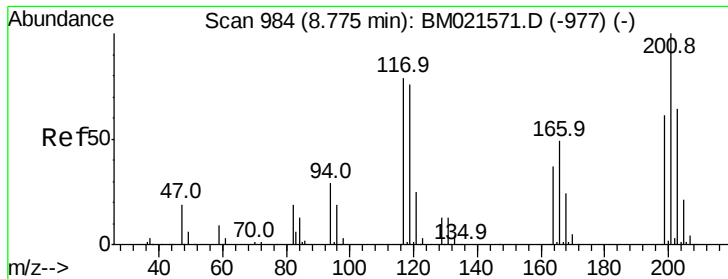
107 114.9 87.2 130.8



Abundance Ion 108.00 (107.70 to 108.70): BM021595.D (-901) (-)

Ion 107.00 (106.70 to 107.70): BM021595.D (-901) (-)

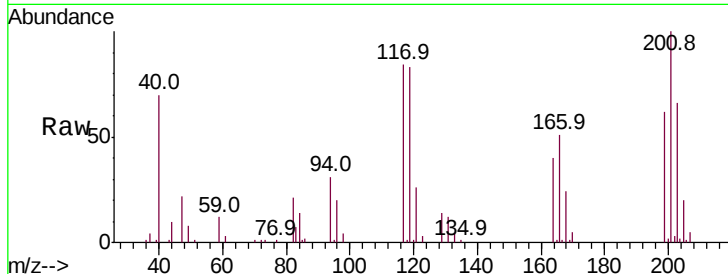




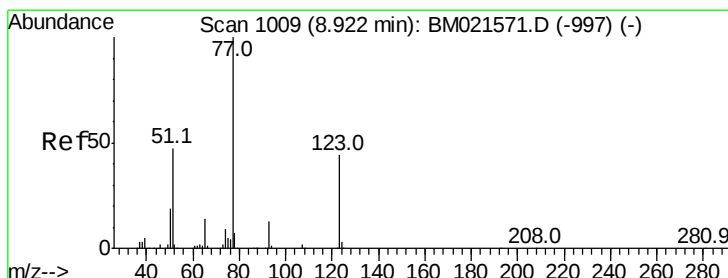
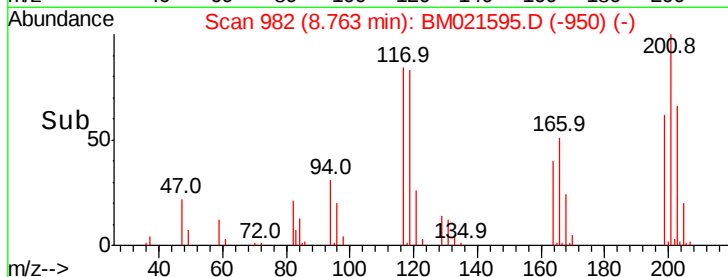
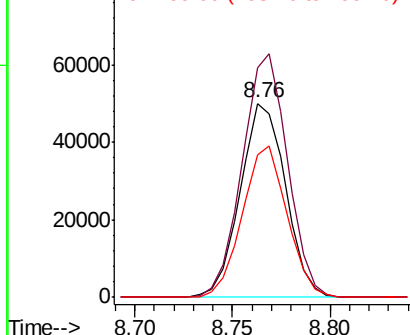
#17
Hexachloroethane
Concen: 19.085 ng/ul
RT: 8.76 min Scan# 982
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 80509
Ion Ratio Lower Upper
117 100
201 118.5 99.7 149.5
199 73.2 62.2 93.4

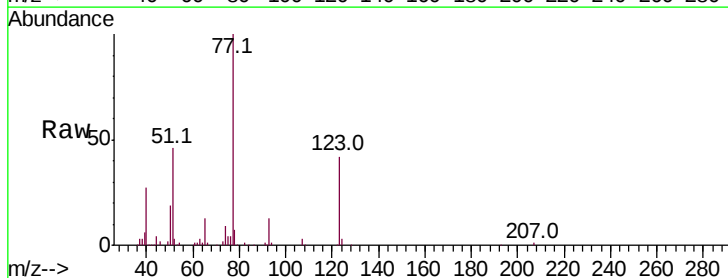


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

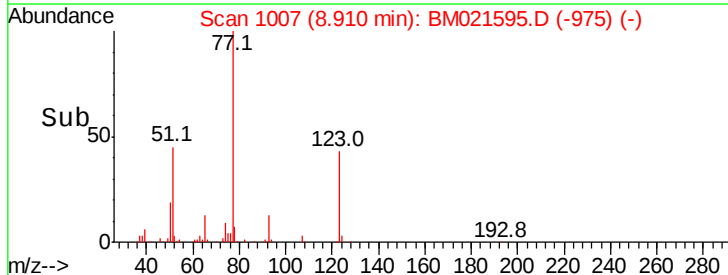
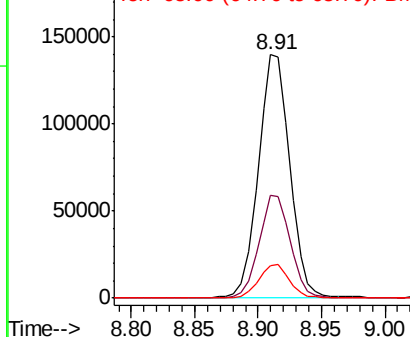


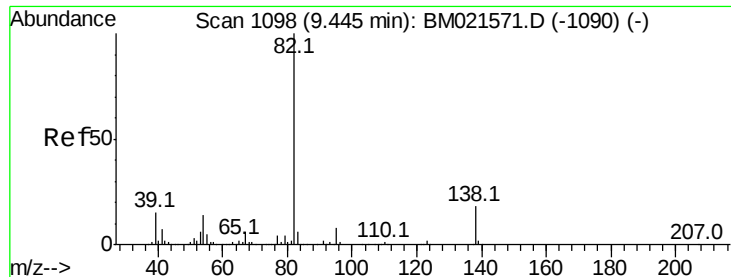
#20
Nitrobenzene
Concen: 18.946 ng/ul
RT: 8.91 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

Tgt Ion: 77 Resp: 239997
Ion Ratio Lower Upper
77 100
123 42.5 34.3 51.5
65 13.1 10.5 15.7



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





#21

Isophorone

Concen: 20.788 ng/ul

RT: 9.43 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

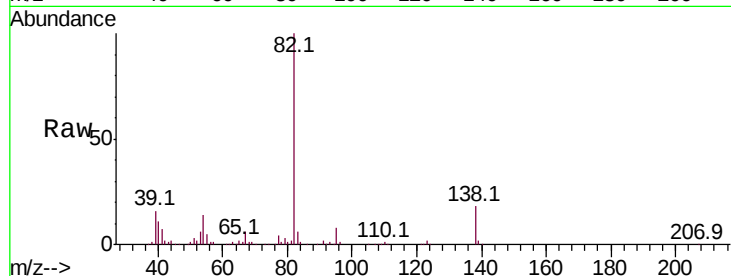
Tot Ion: 82 Resp: 466730

Ion Ratio Lower Upper

82 100

95 7.5 6.3 9.5

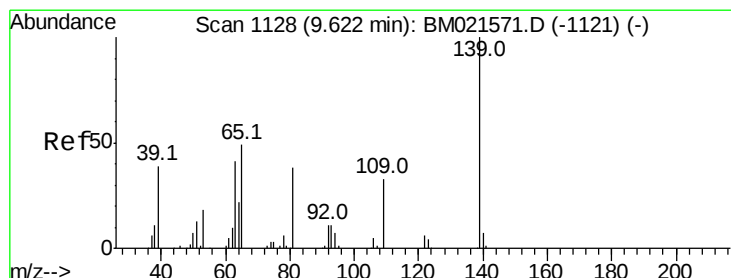
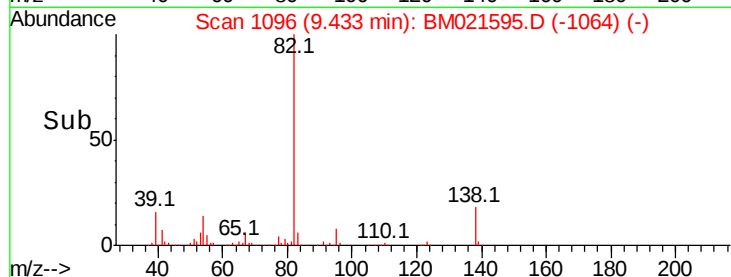
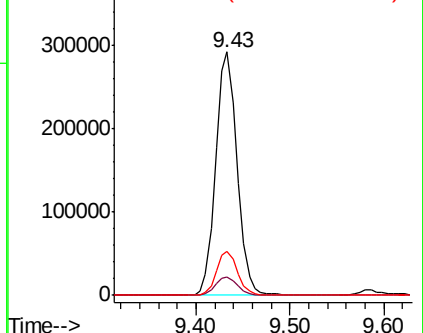
138 17.9 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BM021571.D (-1090) (-)

Ion 95.00 (94.70 to 95.70): BM021595.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM021595.D (-1064) (-)



#23

2-Nitrophenol

Concen: 18.013 ng/ul

RT: 9.62 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

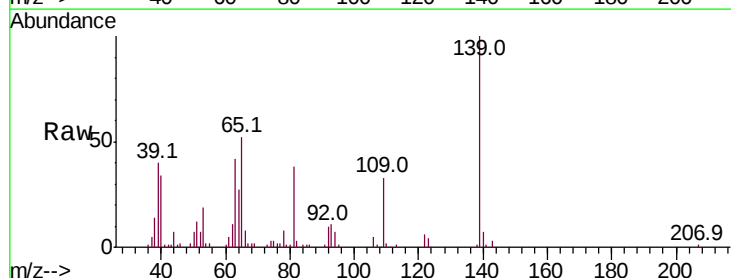
Tgt Ion: 139 Resp: 114715

Ion Ratio Lower Upper

139 100

65 52.4 40.2 60.4

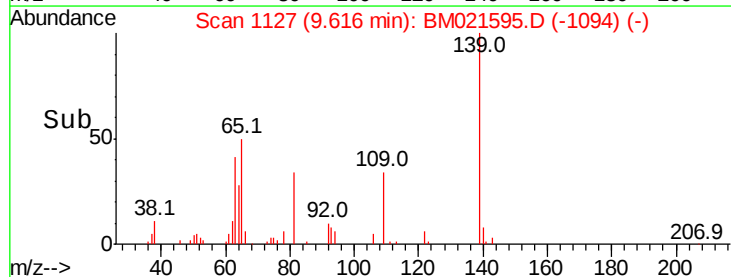
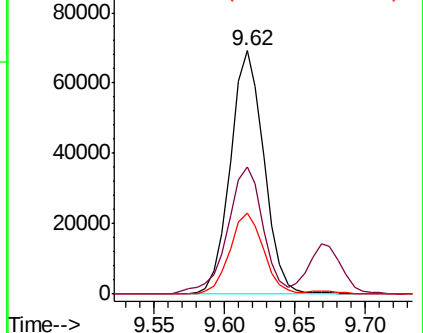
109 33.2 23.2 34.8

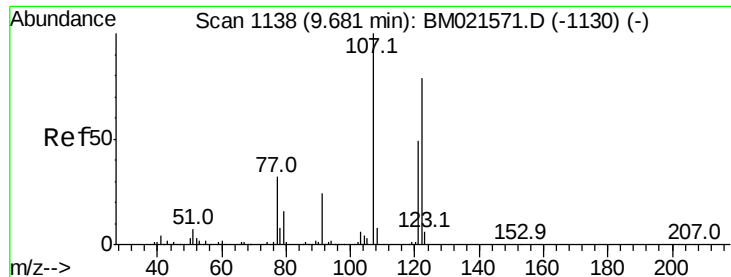


Abundance Ion 139.00 (138.70 to 139.70): BM021571.D (-1121) (-)

Ion 65.00 (64.70 to 65.70): BM021595.D (-1094) (-)

Ion 109.00 (108.70 to 109.70): BM021595.D (-1094) (-)





#24

2,4-Dimethylphenol

Concen: 19.495 ng/ul

RT: 9.67 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

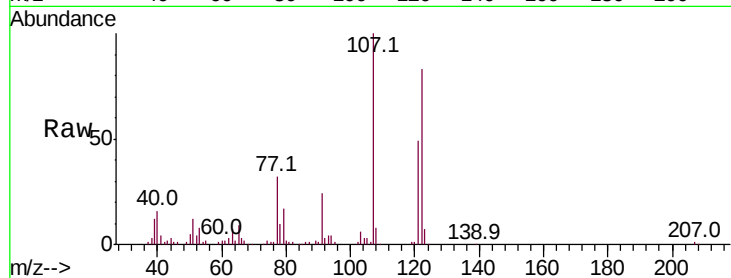
Tot Ion:107 Resp: 241548

Ion Ratio Lower Upper

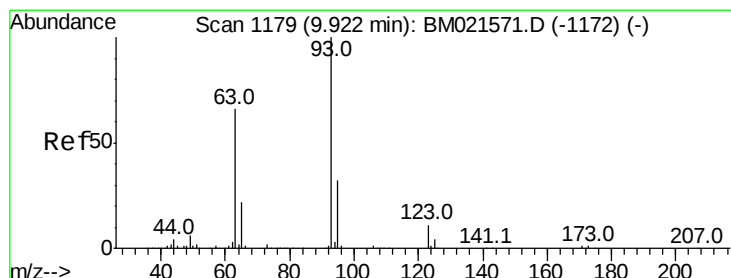
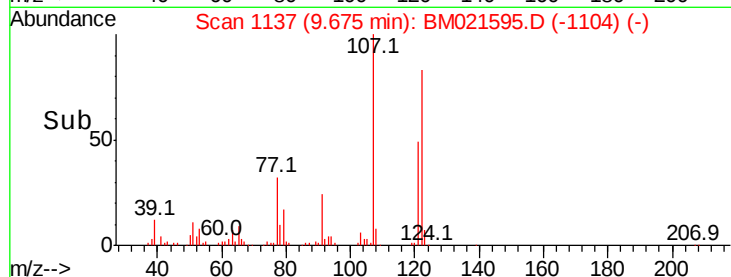
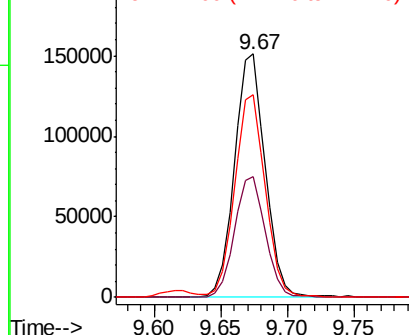
107 100

121 49.5 40.5 60.7

122 83.1 67.3 100.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E
Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.645 ng/ul

RT: 9.92 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

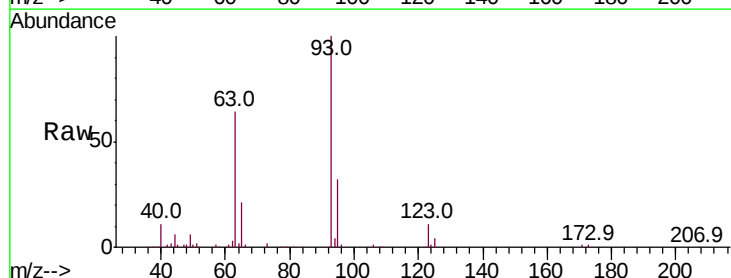
Tgt Ion: 93 Resp: 275119

Ion Ratio Lower Upper

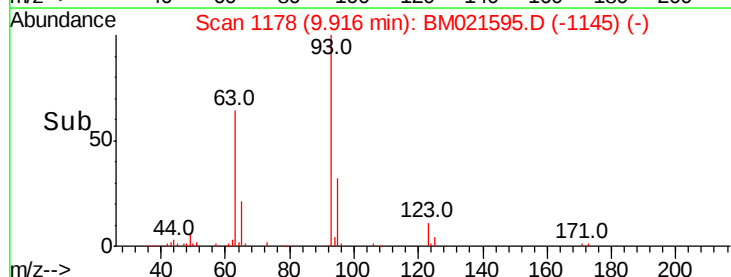
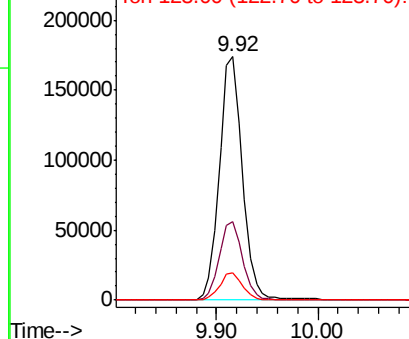
93 100

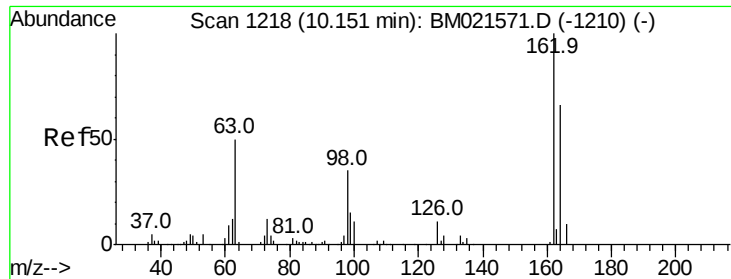
95 32.1 26.8 40.2

123 11.0 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E

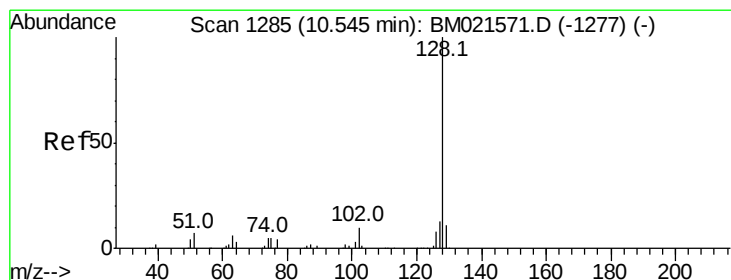
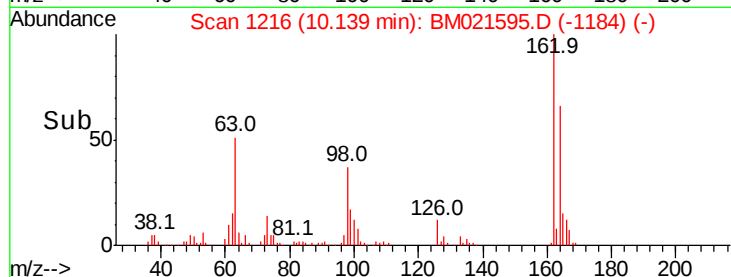
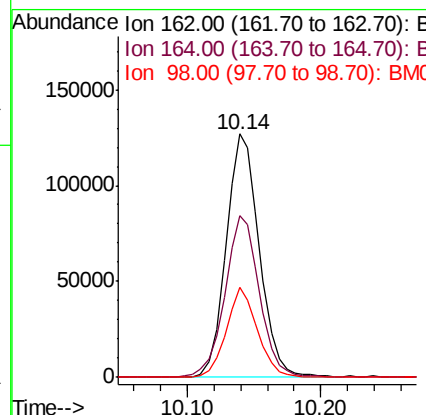
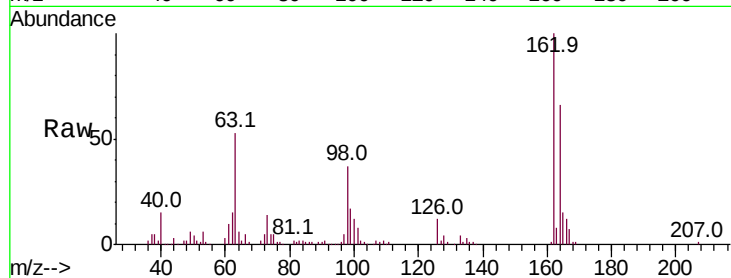




#27
 2,4-Dichlorophenol
 Concen: 18.896 ng/ul
 RT: 10.14 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

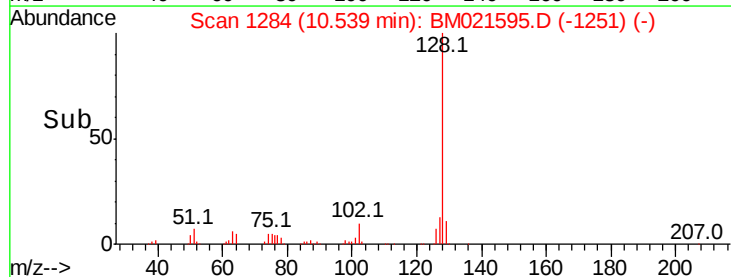
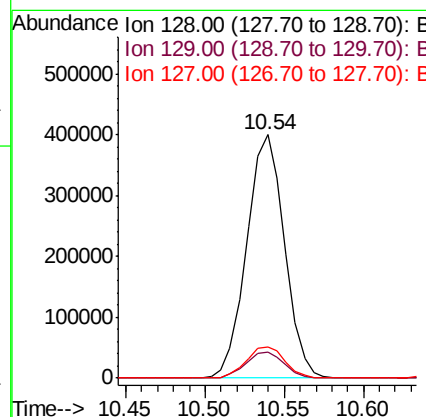
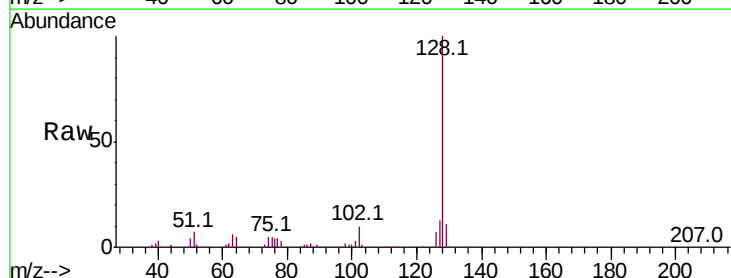
Instrument :
 BNA_M
 ClientSampleId :

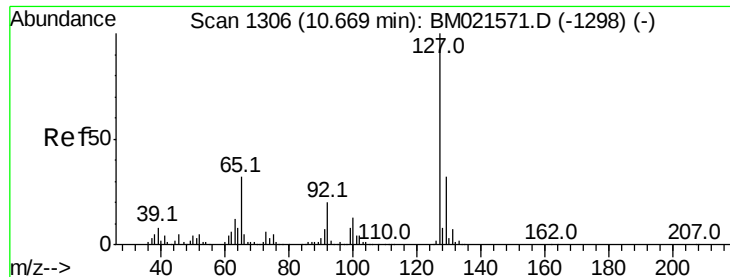
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	52.6	78.8
98	36.8	26.5	39.7



#28
 Naphthalene
 Concen: 18.529 ng/ul
 RT: 10.54 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.6	16.0

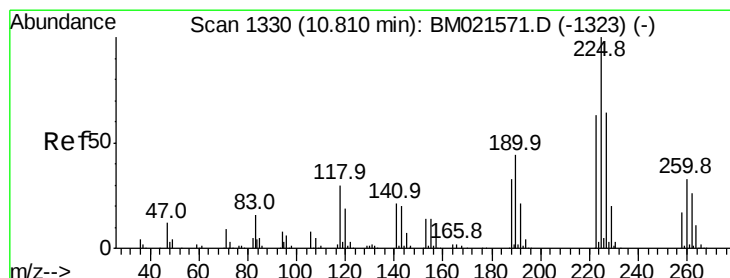
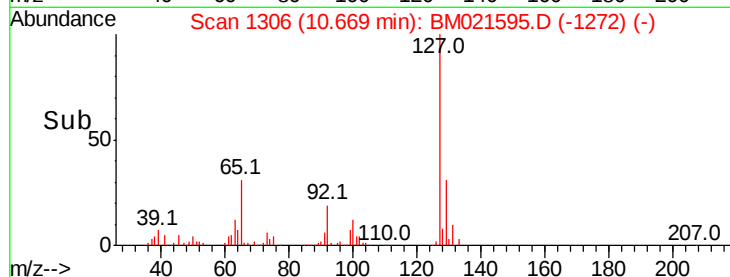
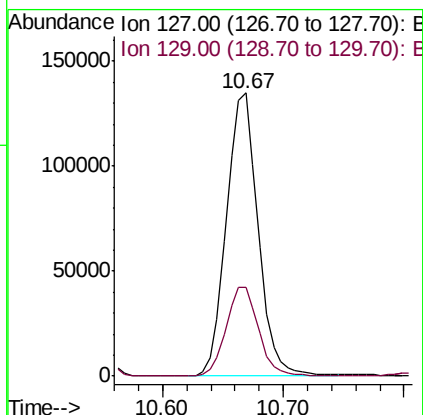
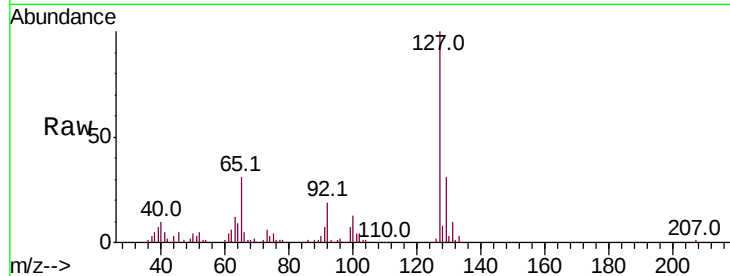




#30
4-Chloroaniline
Concen: 22.372 ng/ul
RT: 10.67 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

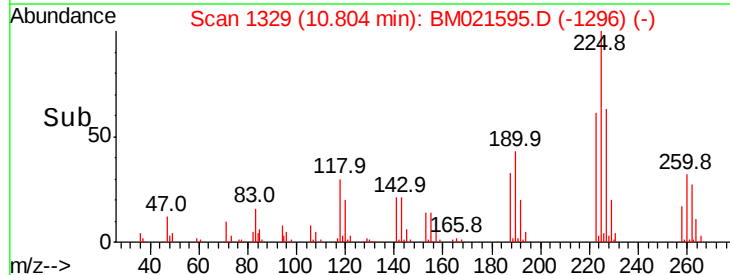
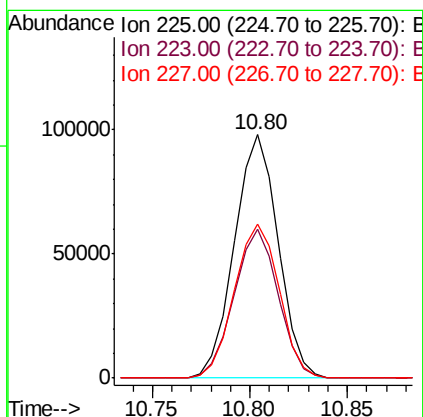
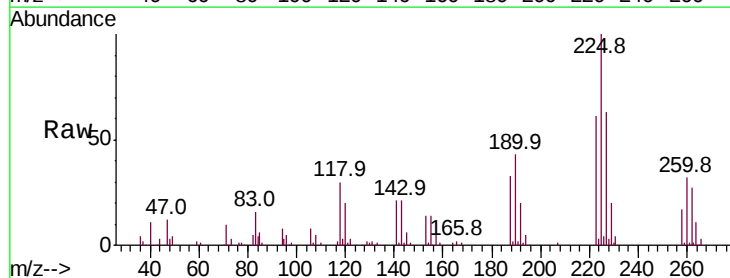
Instrument :
BNA_M
ClientSampleId :

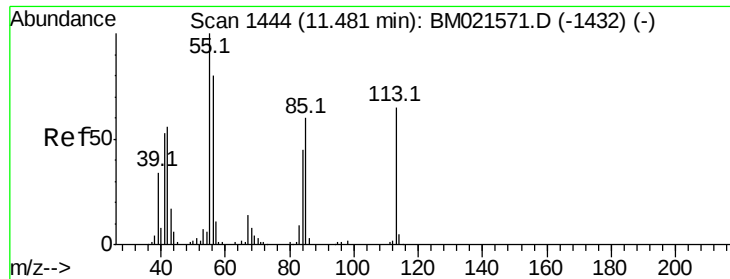
Tot Ion:127 Resp: 246589
Ion Ratio Lower Upper
127 100
129 31.4 25.0 37.6



#31
Hexachlorobutadiene
Concen: 17.652 ng/ul
RT: 10.80 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

Tgt Ion:225 Resp: 152201
Ion Ratio Lower Upper
225 100
223 61.1 49.9 74.9
227 63.4 51.8 77.8





#32

Caprolactam

Concen: 27.847 ng/ul

RT: 11.47 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

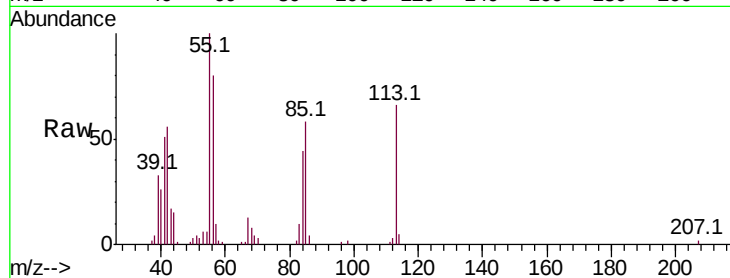
Tot Ion:113 Resp: 84787

Ion Ratio Lower Upper

113 100

55 151.4 121.0 181.4

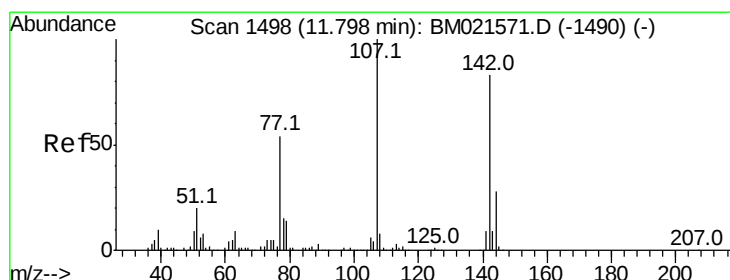
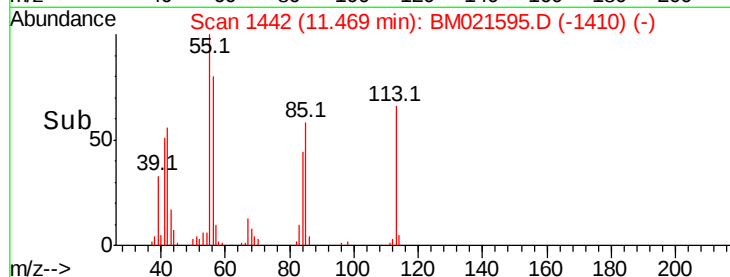
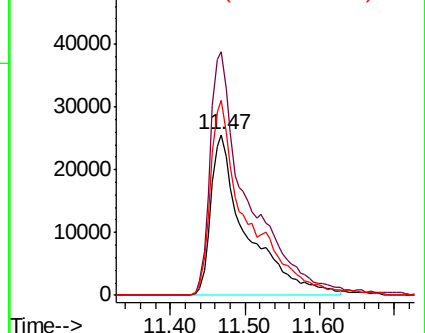
56 121.1 92.8 139.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 21.997 ng/ul

RT: 11.79 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

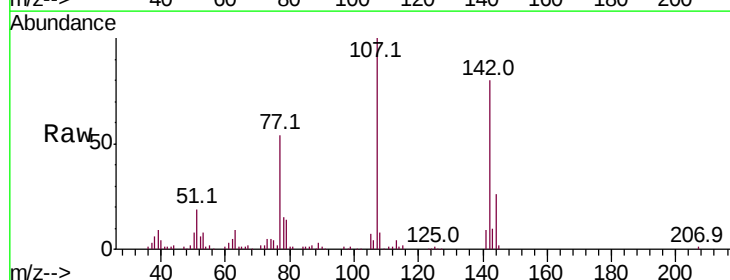
Tgt Ion:107 Resp: 238878

Ion Ratio Lower Upper

107 100

144 25.8 21.4 32.2

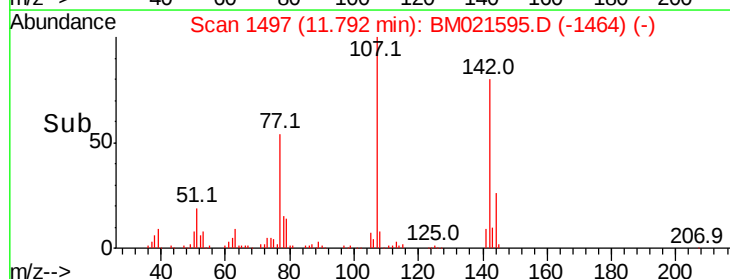
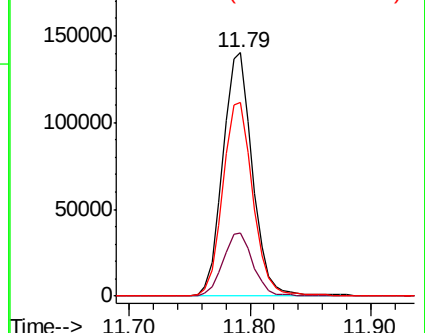
142 79.7 64.7 97.1

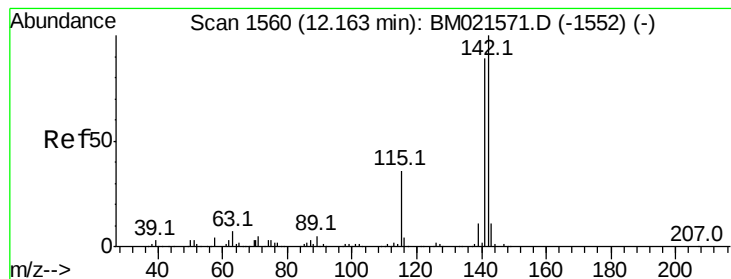


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.686 ng/ul

RT: 12.16 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

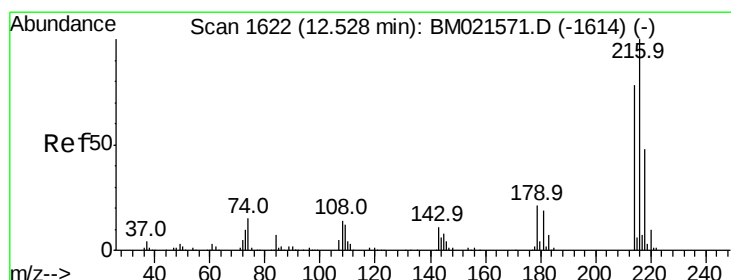
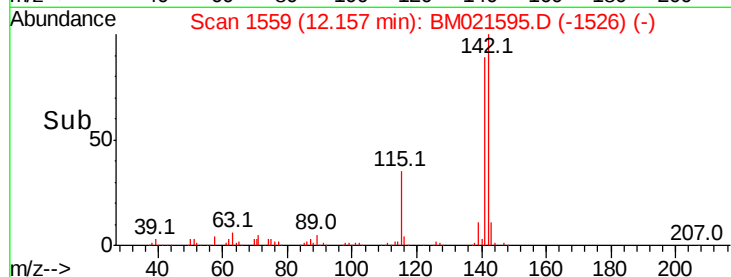
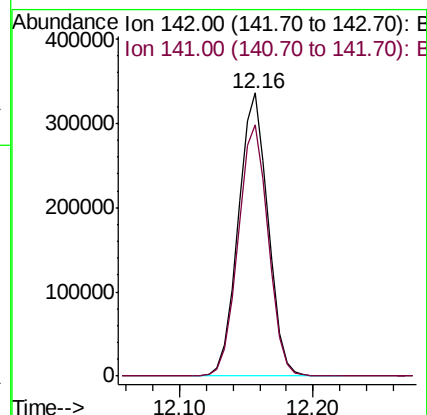
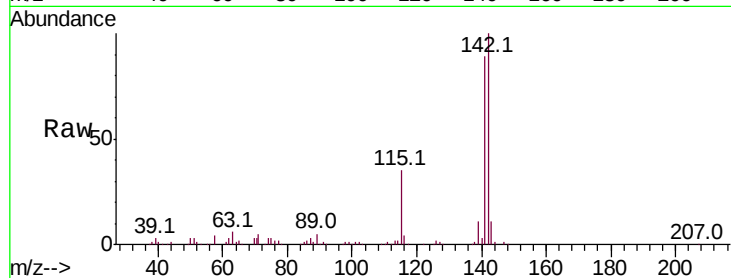
ClientSampleId :

Tot Ion:142 Resp: 518482

Ion Ratio Lower Upper

142 100

141 89.0 71.1 106.7



#36

1,2,4,5-Tetrachlorobenzene

Concen: 16.885 ng/ul

RT: 12.52 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Tgt Ion:216 Resp: 311534

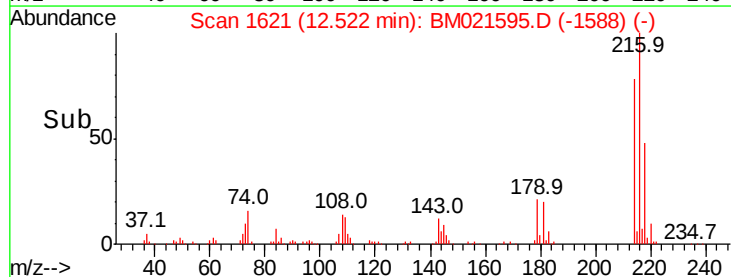
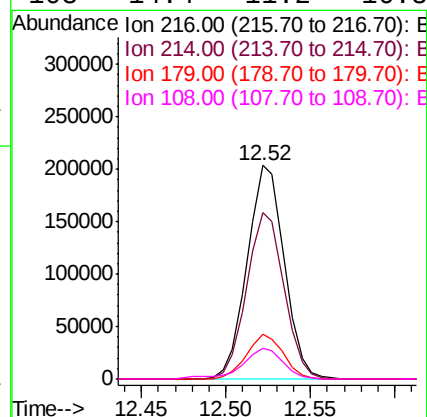
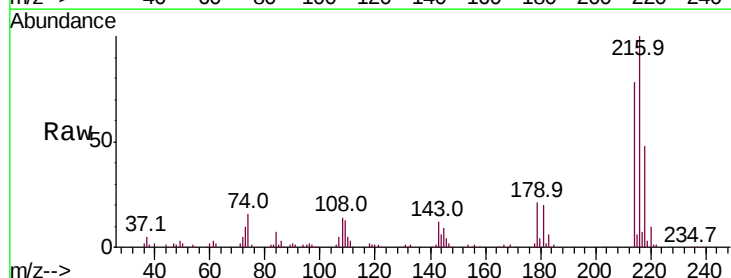
Ion Ratio Lower Upper

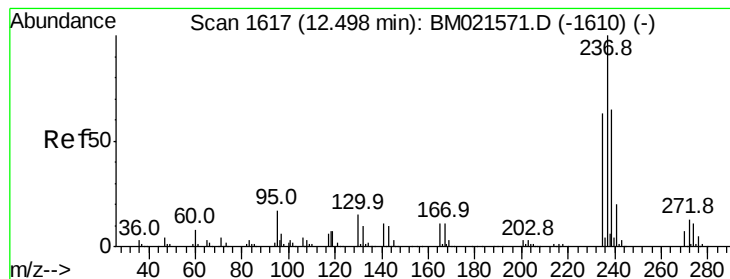
216 100

214 77.9 62.9 94.3

179 21.0 16.2 24.2

108 14.4 11.2 16.8





#37

Hexachlorocyclopentadiene

Concen: 15.242 ng/ul

RT: 12.49 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

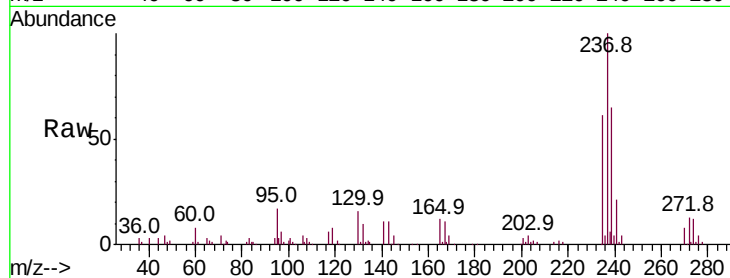
Tot Ion:237 Resp: 143059

Ion Ratio Lower Upper

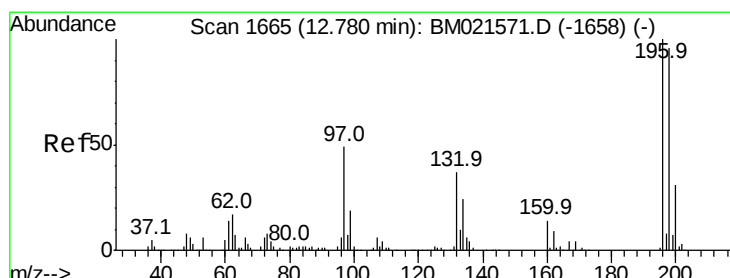
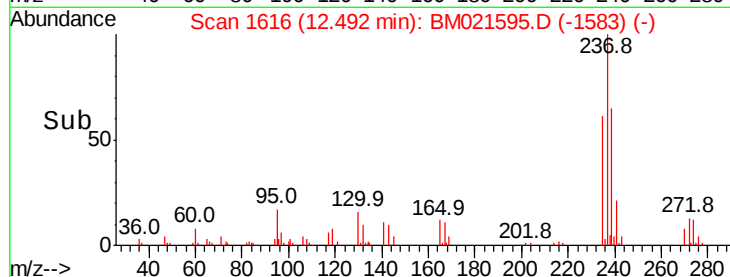
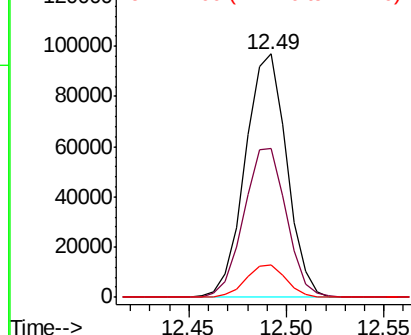
237 100

235 60.9 49.4 74.2

272 14.3 9.7 14.5



Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 18.004 ng/ul

RT: 12.77 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

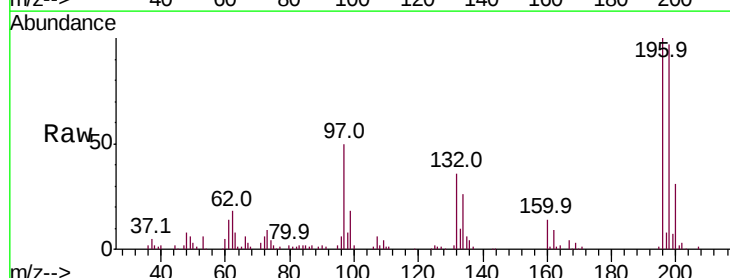
Tgt Ion:196 Resp: 197681

Ion Ratio Lower Upper

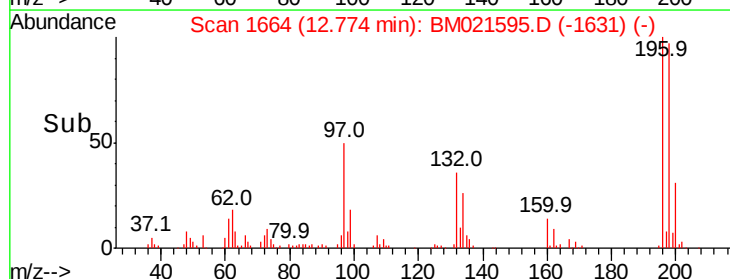
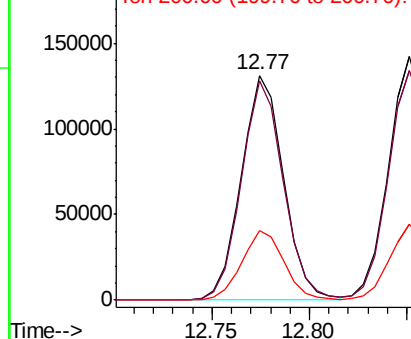
196 100

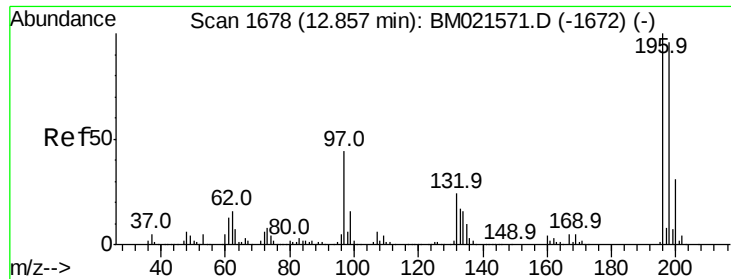
198 97.2 73.7 110.5

200 31.1 24.6 36.8



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

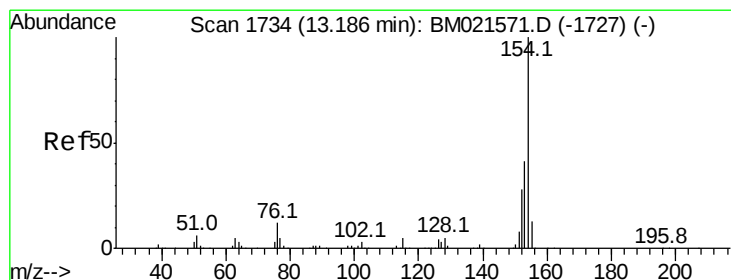
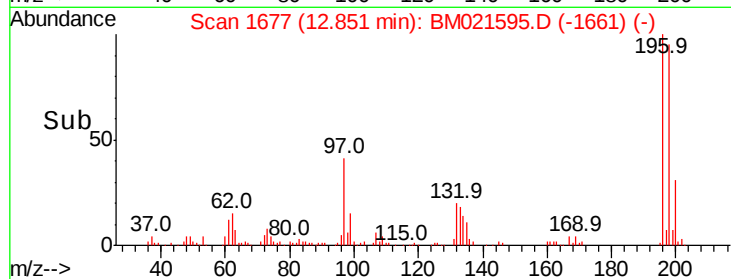
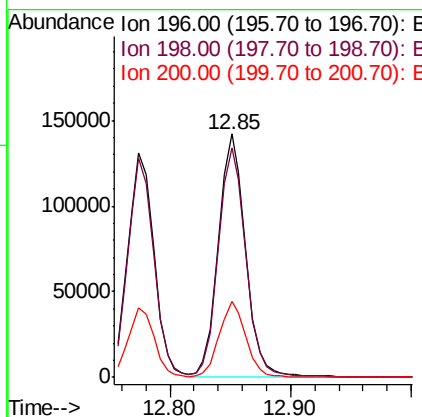
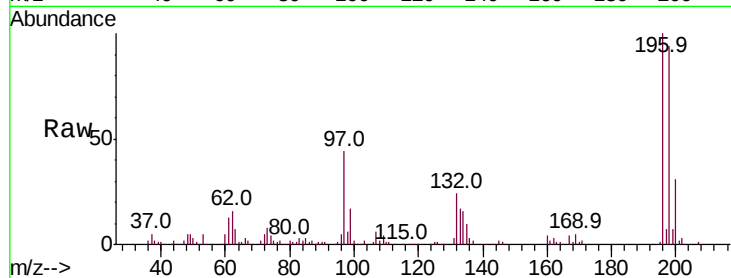




#39
 2,4,5-Trichlorophenol
 Concen: 18.721 ng/ul
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

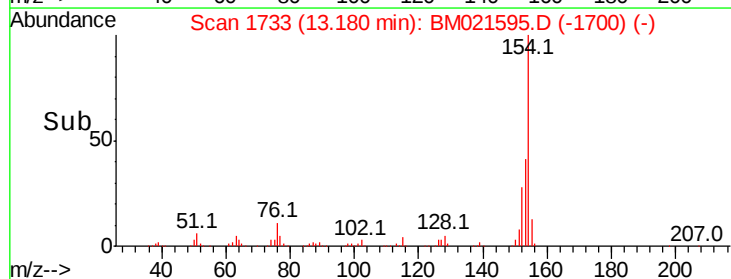
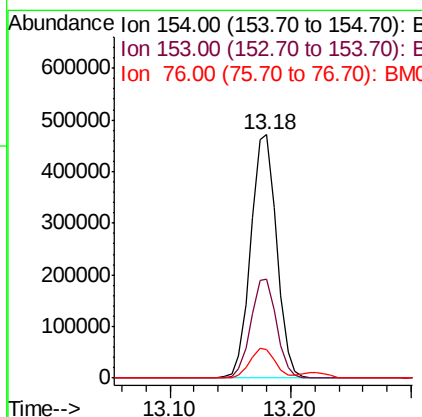
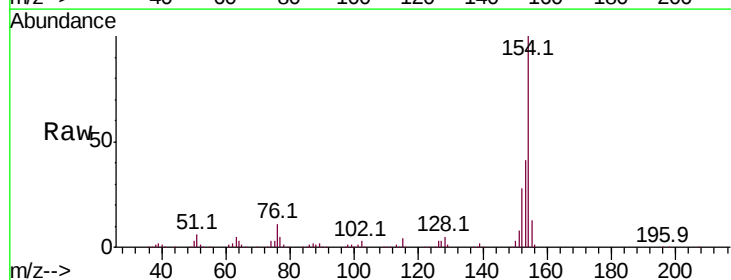
Instrument :
 BNA_M
 ClientSampleId :

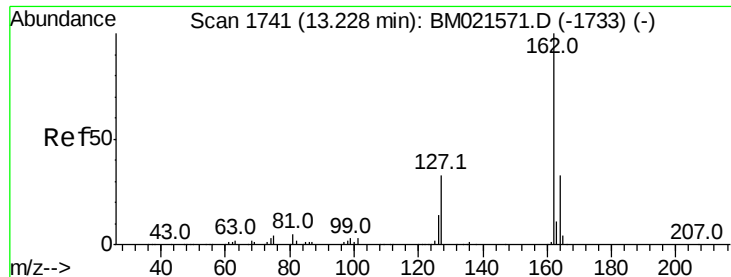
Tot Ion:	196	Resp:	217873
Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.8	112.2
200	31.0	24.7	37.1



#40
 1,1'-Biphenyl
 Concen: 17.812 ng/ul
 RT: 13.18 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

Tgt Ion:	154	Resp:	707235
Ion	Ratio	Lower	Upper
154	100		
153	40.5	32.7	49.1
76	11.5	8.5	12.7

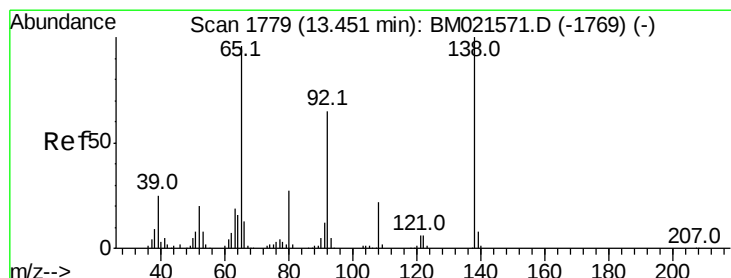
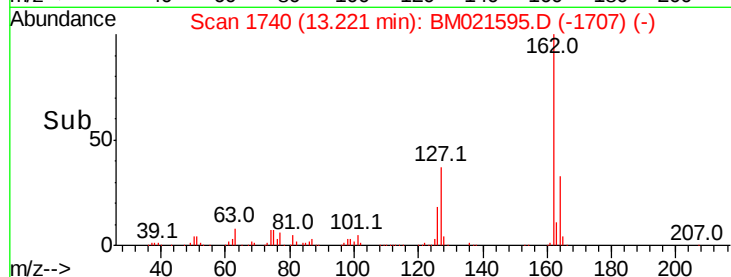
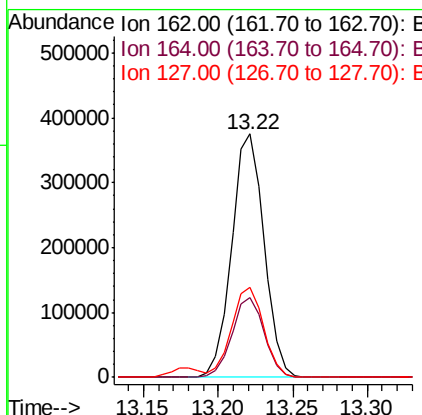
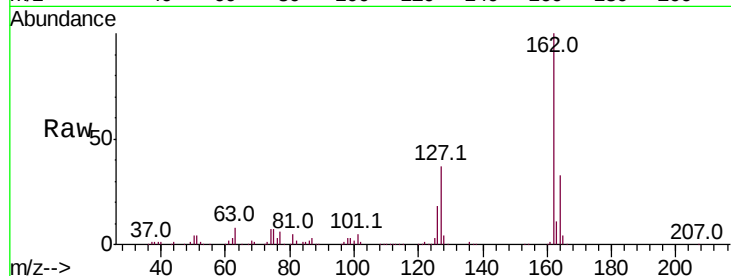




#41
 2-Chloronaphthalene
 Concen: 17.880 ng/ul
 RT: 13.22 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

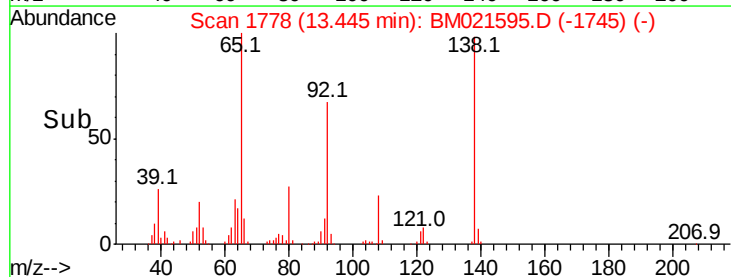
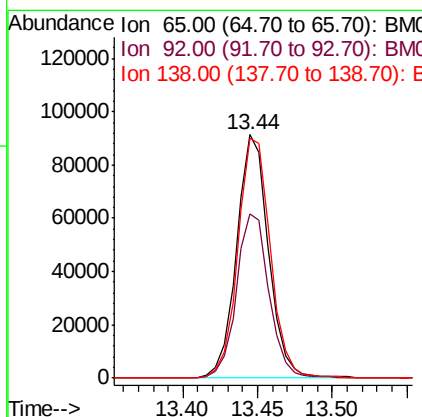
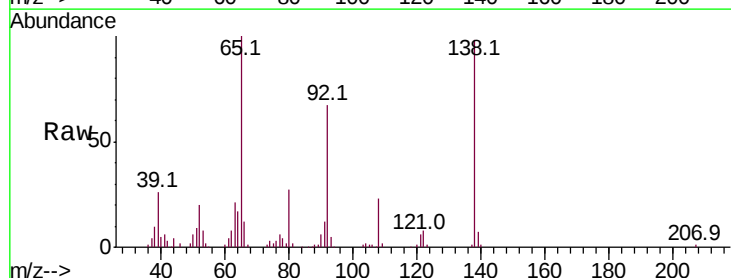
Instrument :
 BNA_M
 ClientSampleId :

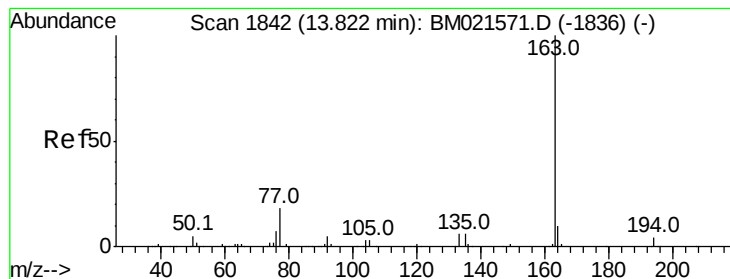
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.6	26.6	40.0
127	37.1	28.6	42.8



#42
 2-Nitroaniline
 Concen: 19.522 ng/ul
 RT: 13.44 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.3	57.4	86.2
138	98.3	89.0	133.6





#44

Dimethylphthalate

Concen: 19.560 ng/ul

RT: 13.82 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

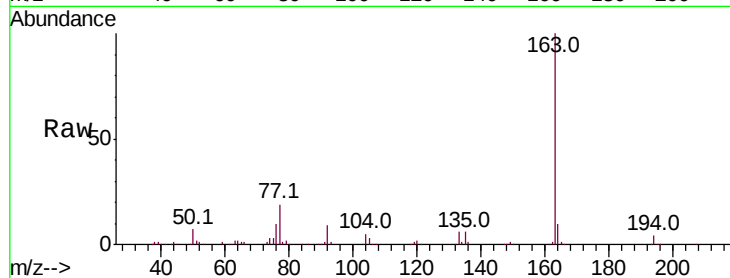
Tot Ion:163 Resp: 756767

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

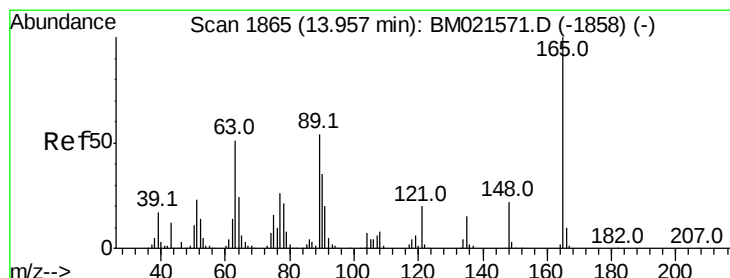
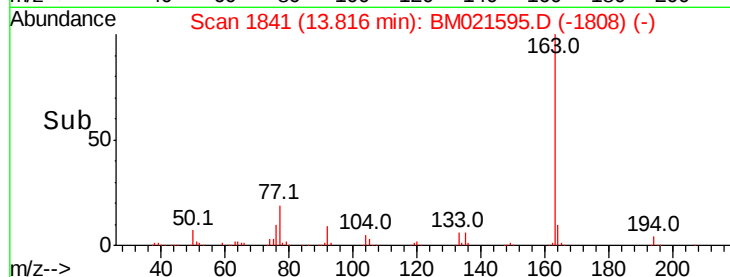
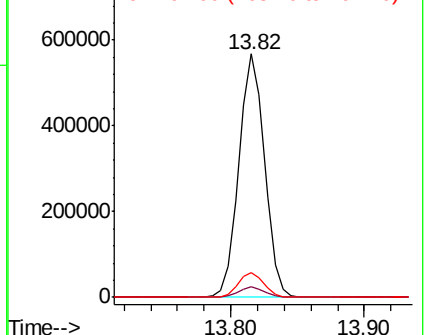
164 10.1 8.3 12.5



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



#45

2,6-Dinitrotoluene

Concen: 19.406 ng/ul

RT: 13.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

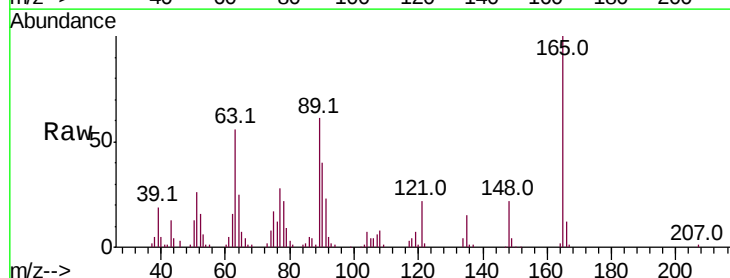
Tgt Ion:165 Resp: 136719

Ion Ratio Lower Upper

165 100

89 61.3 45.4 68.2

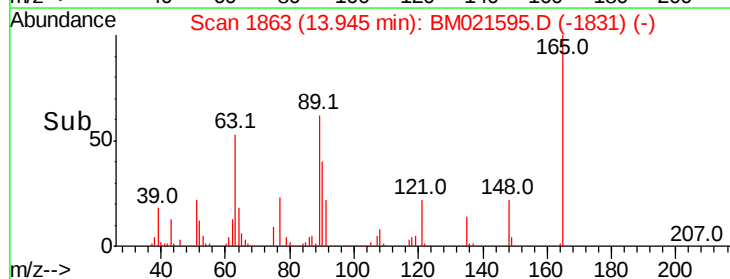
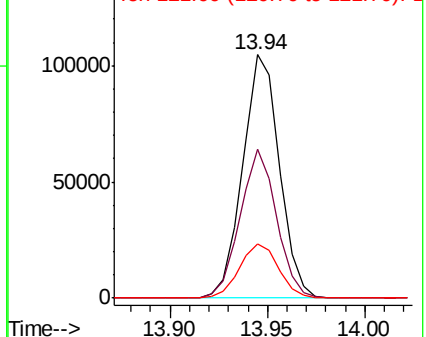
121 22.2 18.1 27.1

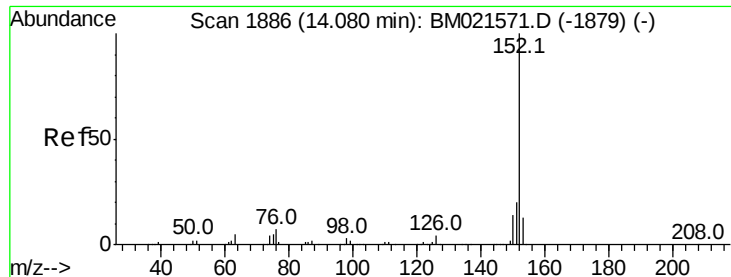


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 18.507 ng/ul

RT: 14.07 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

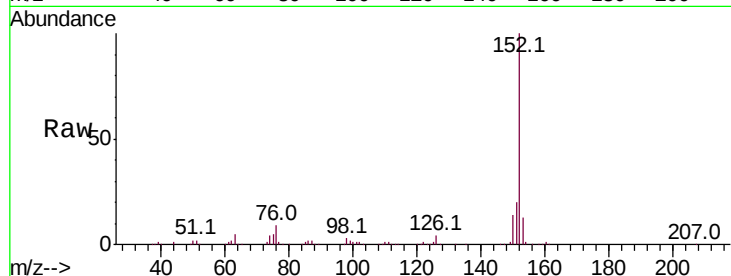
Tot Ion:152 Resp: 839956

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

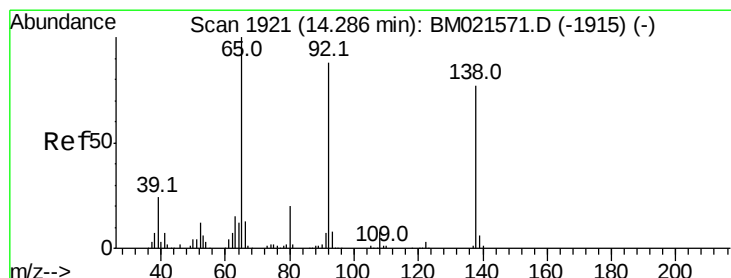
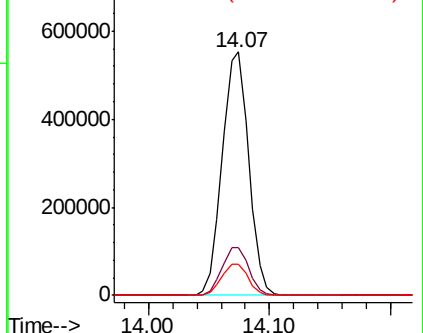
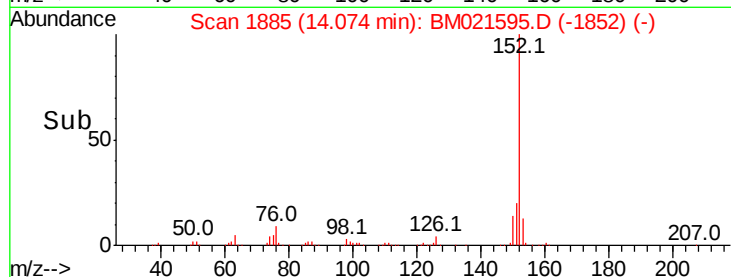
153 12.9 10.6 15.8



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



#48

3-Nitroaniline

Concen: 18.291 ng/ul

RT: 14.28 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

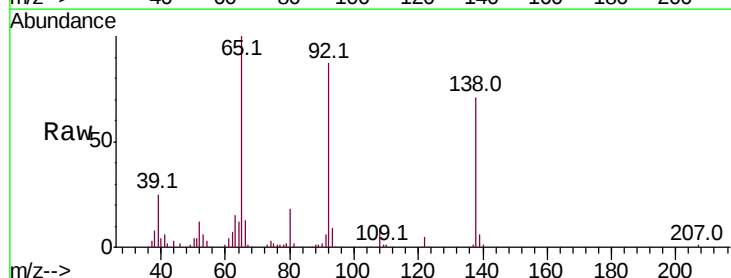
Tgt Ion:138 Resp: 115921

Ion Ratio Lower Upper

138 100

108 12.1 9.1 13.7

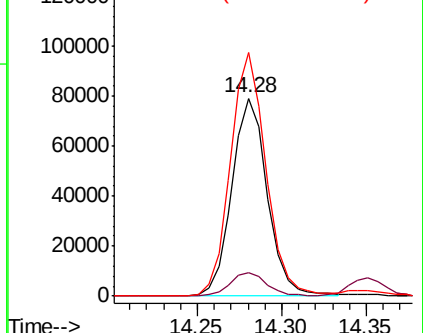
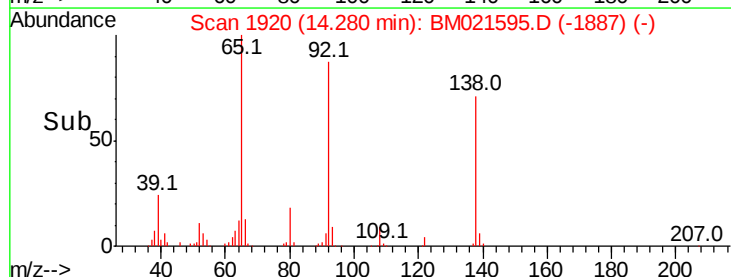
92 123.1 92.9 139.3

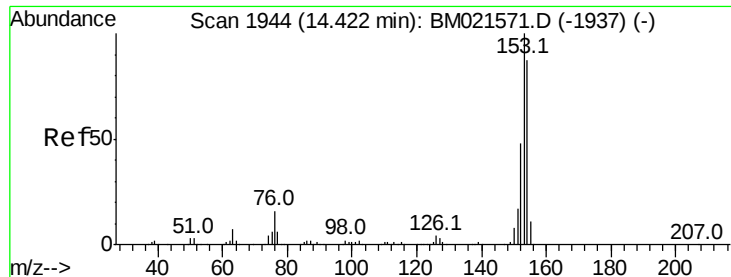


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 18.558 ng/ul

RT: 14.42 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

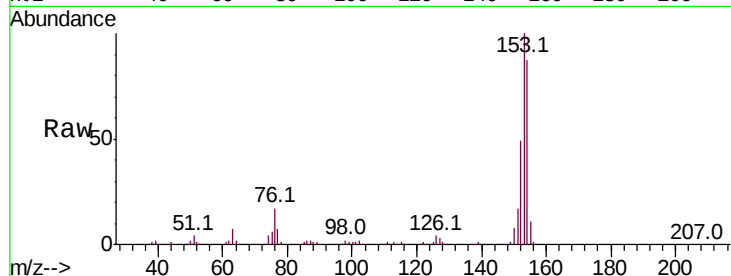
Tot Ion:153 Resp: 612020

Ion Ratio Lower Upper

153 100

152 48.6 38.2 57.4

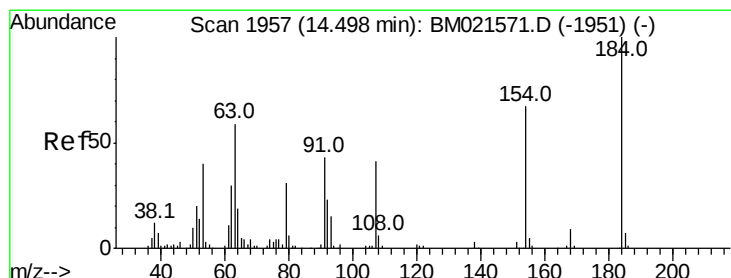
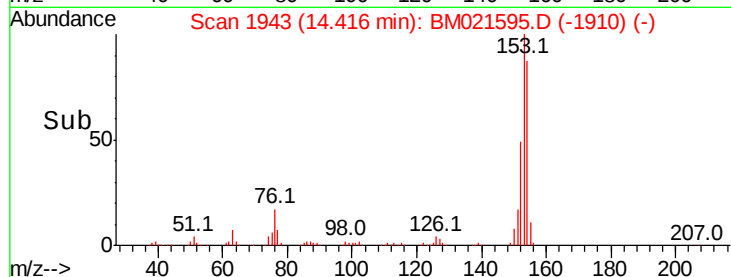
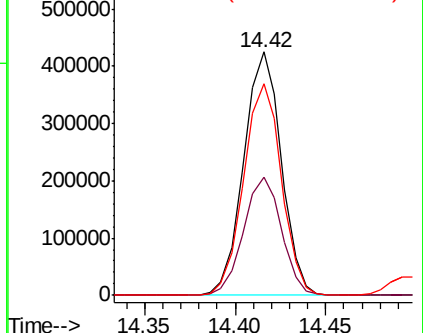
154 86.8 70.0 105.0



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



#50

2,4-Dinitrophenol

Concen: 18.697 ng/ul

RT: 14.49 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

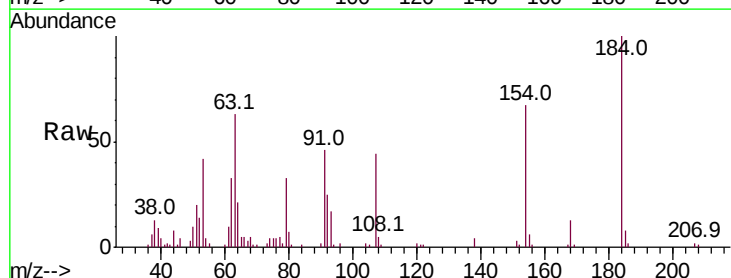
Tgt Ion:184 Resp: 79221

Ion Ratio Lower Upper

184 100

63 62.5 44.4 66.6

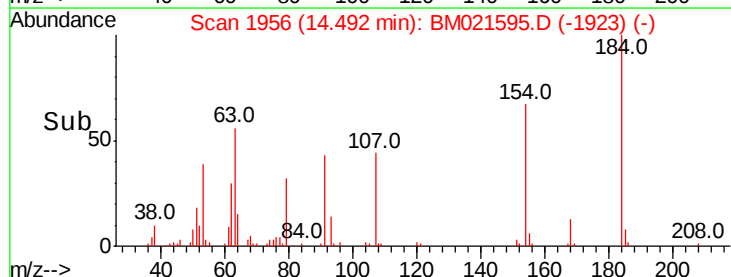
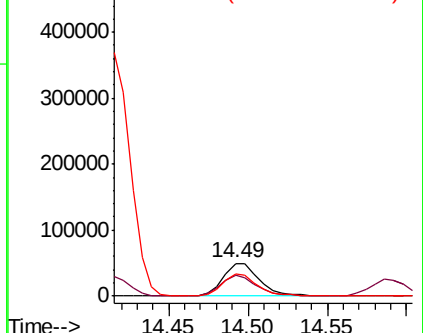
154 66.8 50.4 75.6

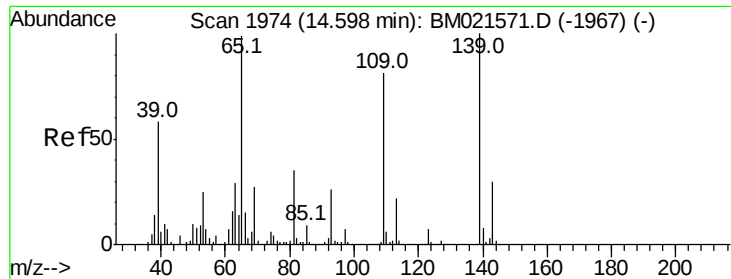


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.756 ng/ul

RT: 14.59 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

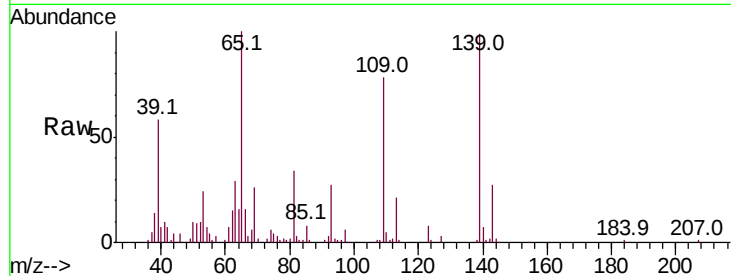
Tot Ion:109 Resp: 106699

Ion Ratio Lower Upper

109 100

139 126.4 107.6 161.4

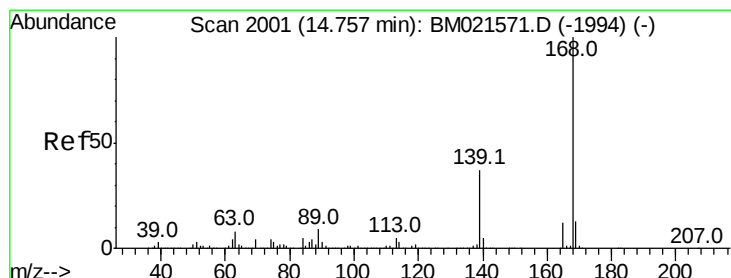
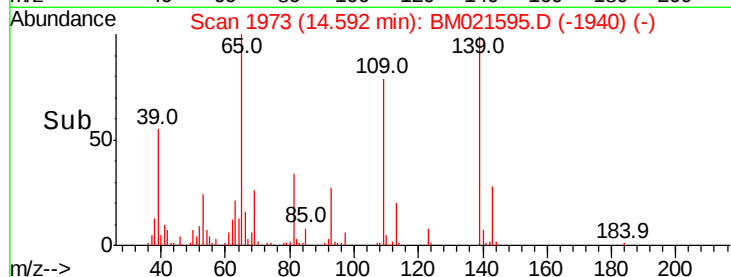
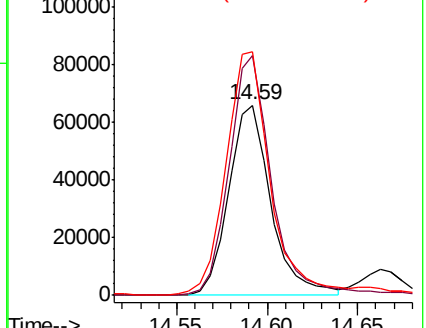
65 128.1 101.0 151.6



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): BM



#53

Dibenzofuran

Concen: 18.735 ng/ul

RT: 14.75 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BM021595.D

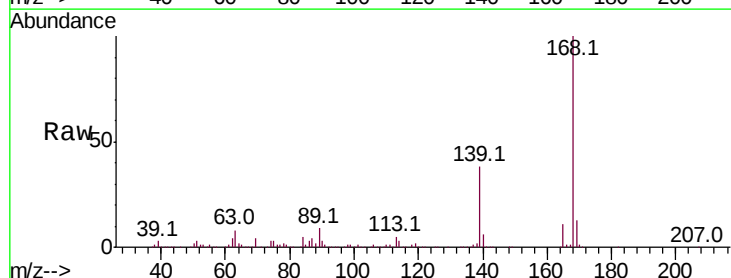
Acq: 22 Jul 2019 22:47

Tgt Ion:168 Resp: 895062

Ion Ratio Lower Upper

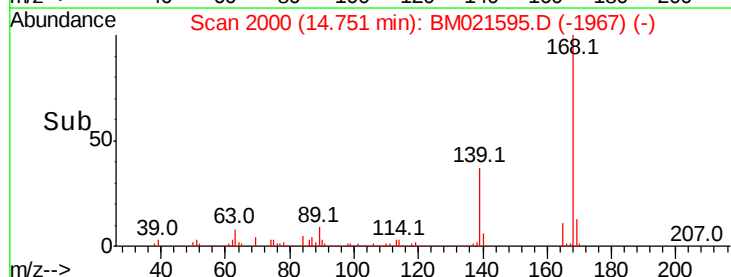
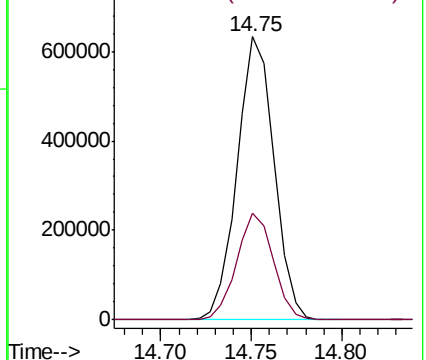
168 100

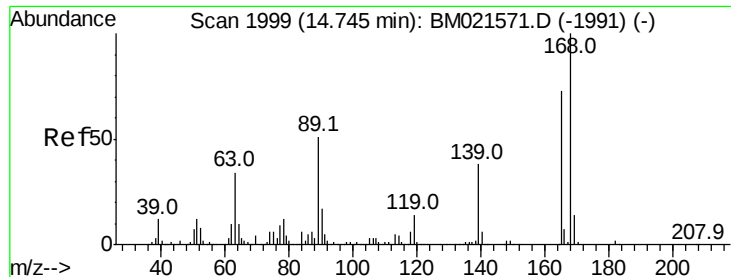
139 37.5 28.4 42.6



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 20.696 ng/ul

RT: 14.74 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

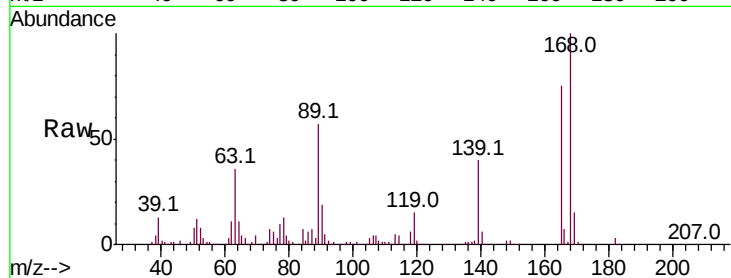
Tot Ion:165 Resp: 223639

Ion Ratio Lower Upper

165 100

63 47.9 33.1 49.7

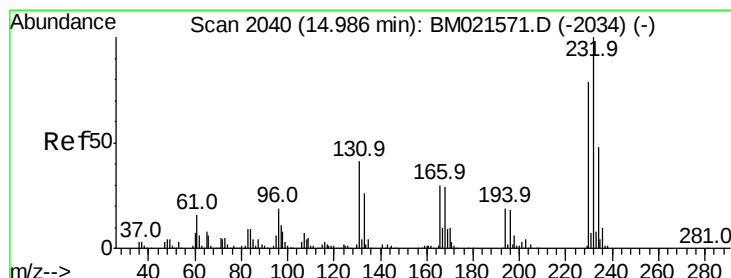
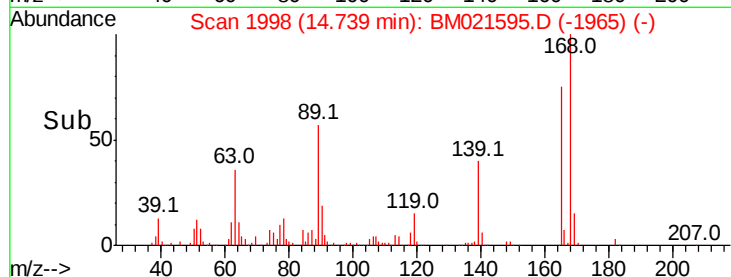
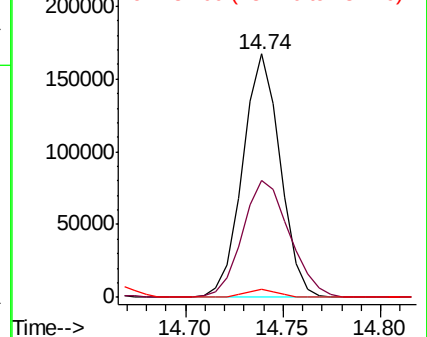
182 3.4 2.2 3.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.039 ng/ul

RT: 14.98 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Tgt Ion:232 Resp: 207842

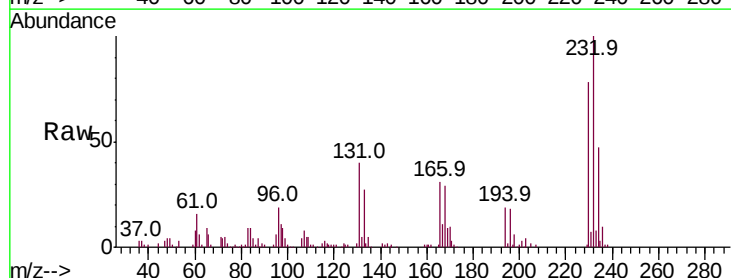
Ion Ratio Lower Upper

232 100

131 40.4 30.2 45.2

130 2.1 1.7 2.5

166 30.9 24.0 36.0

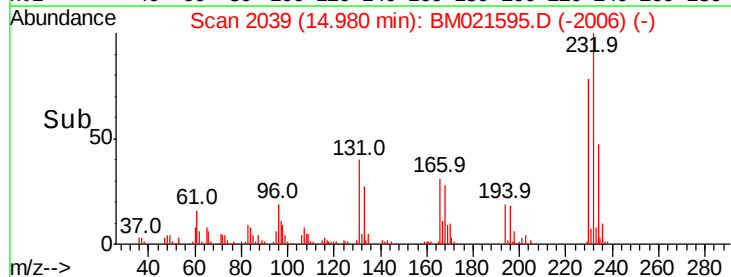
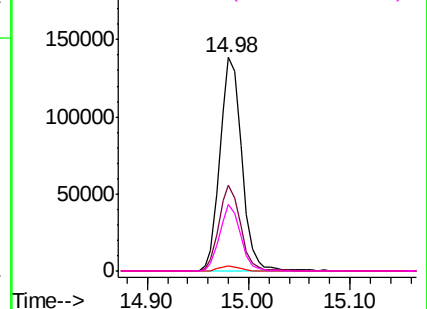


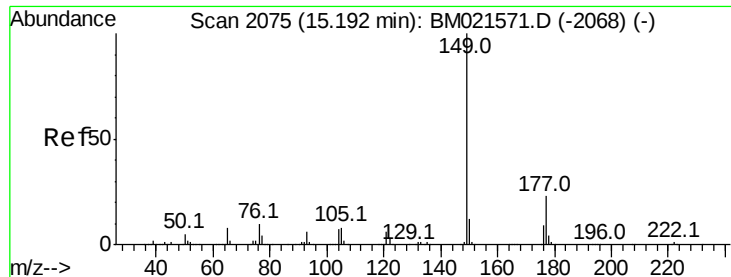
Abundance Ion 232.00 (231.70 to 232.70): E

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

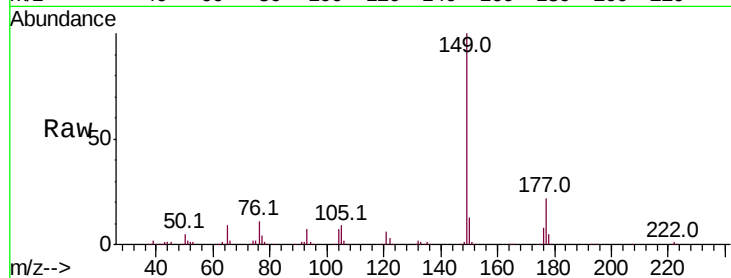




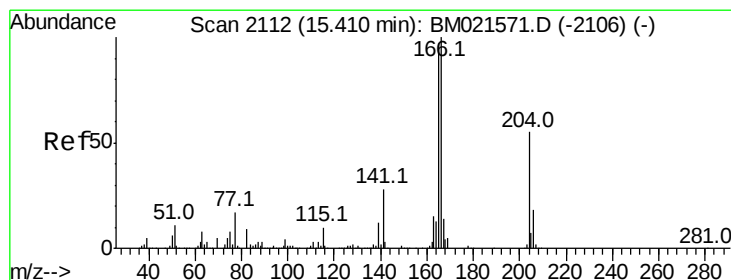
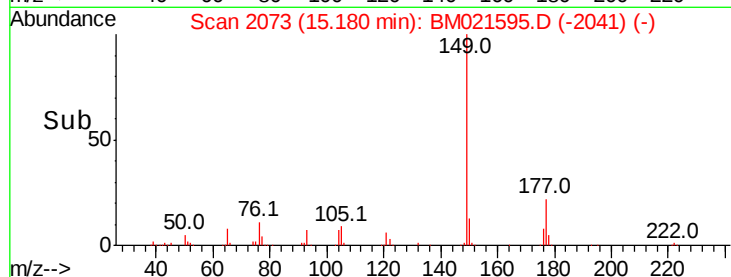
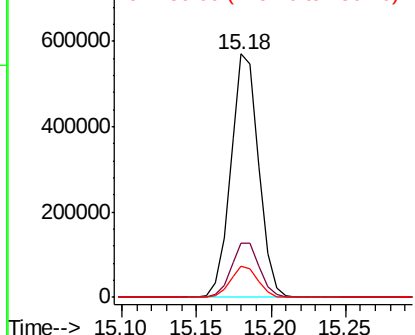
#56
Diethylphthalate
Concen: 20.018 ng/ul
RT: 15.18 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 743572
Ion Ratio Lower Upper
149 100
177 22.2 18.8 28.2
150 12.8 10.1 15.1

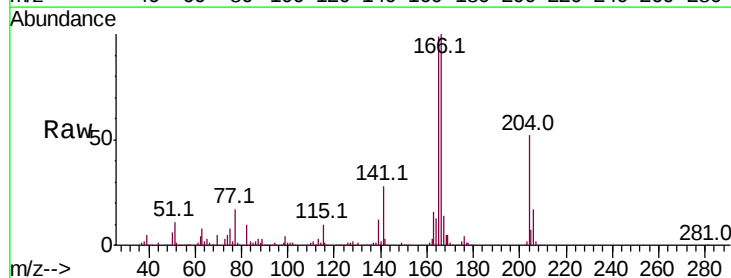


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

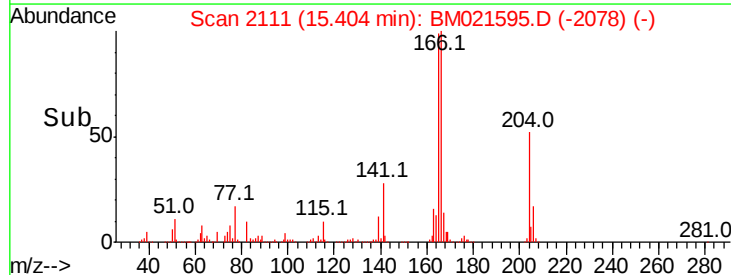
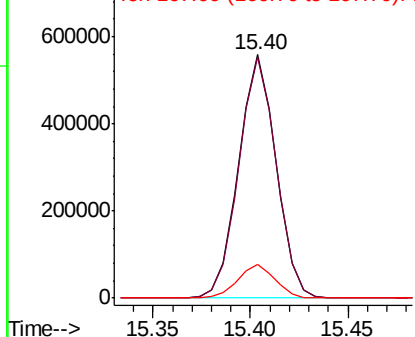


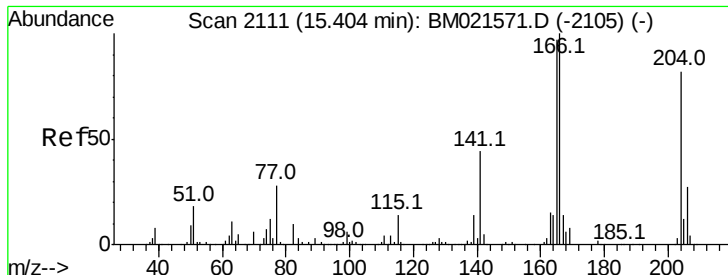
#58
Fluorene
Concen: 19.170 ng/ul
RT: 15.40 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

Tgt Ion:166 Resp: 740957
Ion Ratio Lower Upper
166 100
165 98.8 78.6 117.8
167 13.6 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

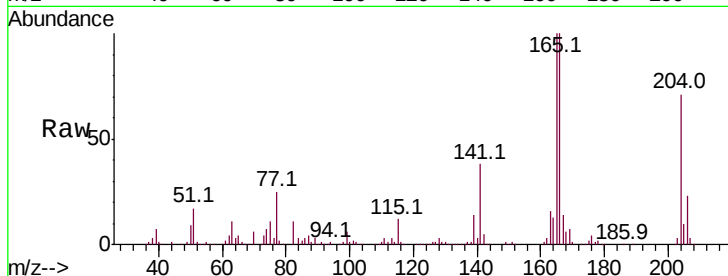




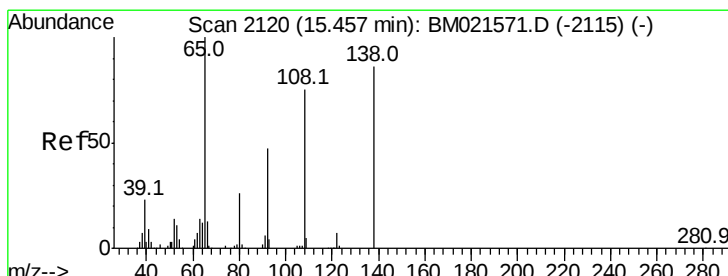
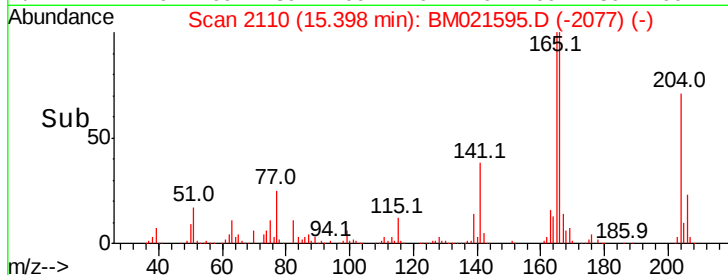
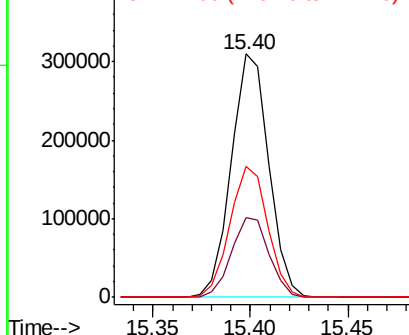
#59
 4-Chlorophenyl-phenylether
 Concen: 19.073 ng/ul
 RT: 15.40 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.0	39.0
141	53.7	42.3	63.5

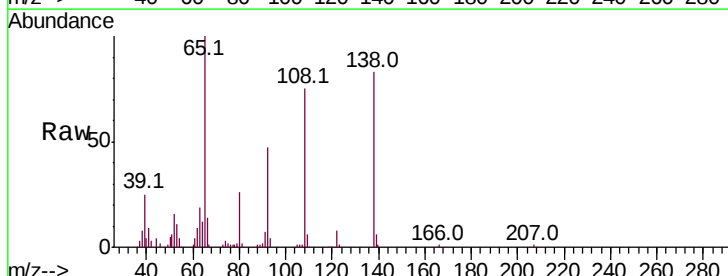


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

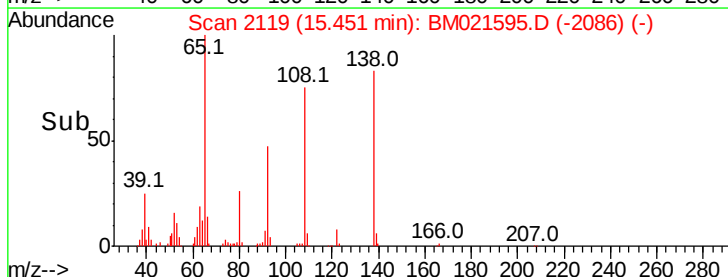
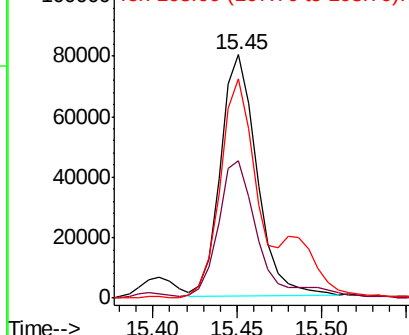


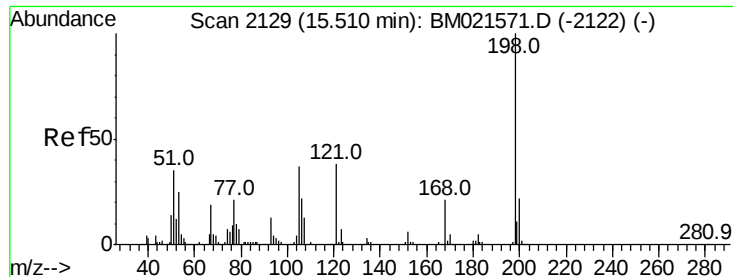
#60
 4-Nitroaniline
 Concen: 18.362 ng/ul
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.6	41.3	61.9
108	90.3	65.0	97.6



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

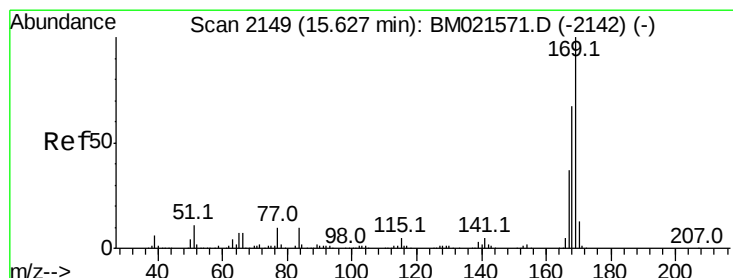
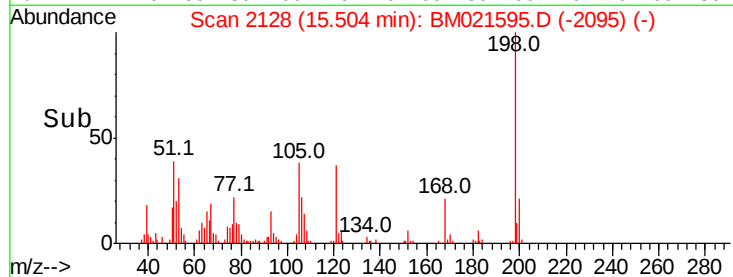
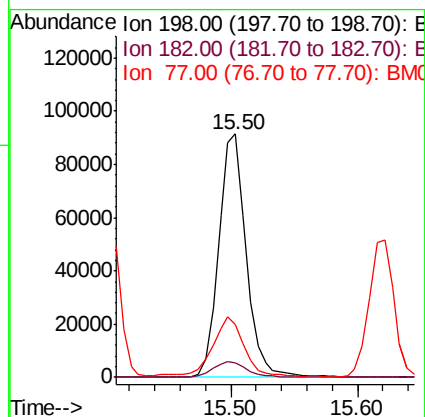
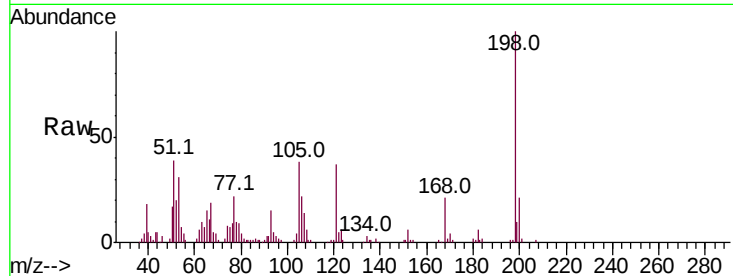




#63
 4,6-Dinitro-2-methylphenol
 Concen: 16.733 ng/ul
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

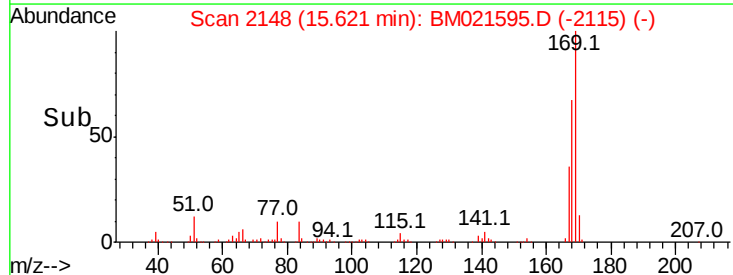
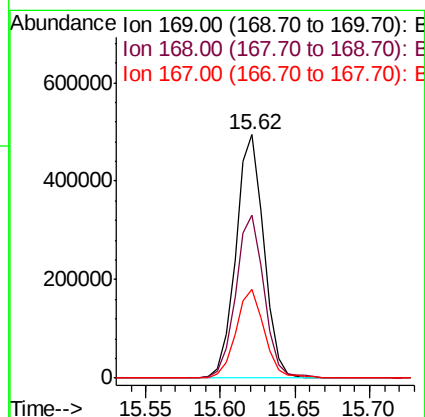
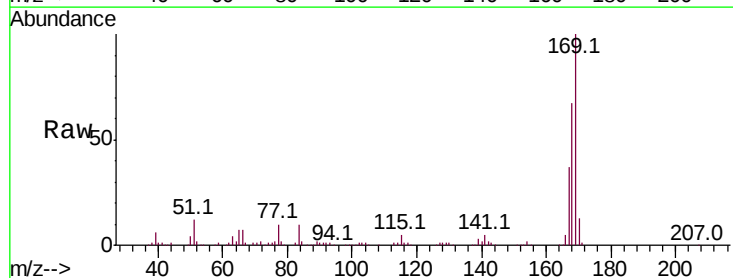
Instrument :
 BNA_M
 ClientSampleId :

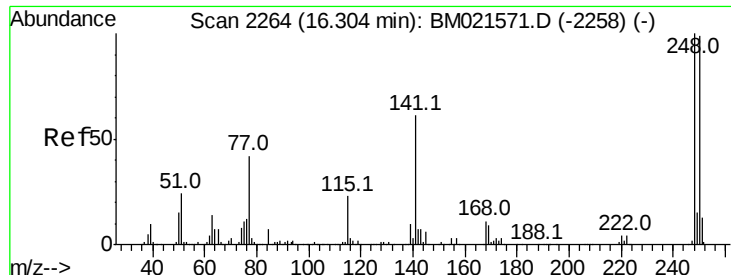
Tot Ion:198 Resp: 137795
 Ion Ratio Lower Upper
 198 100
 182 5.7 4.7 7.1
 77 21.6 18.1 27.1



#64
 N-Nitrosodiphenylamine
 Concen: 17.606 ng/ul
 RT: 15.62 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

Tgt Ion:169 Resp: 644954
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.8 80.6
 167 36.5 28.9 43.3

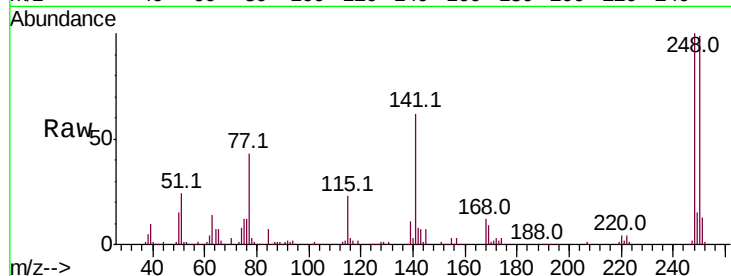




#65
 4-Bromophenyl-phenylether
 Concen: 17.531 ng/ul
 RT: 16.30 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	77.1	115.7
141	62.2	50.6	75.8

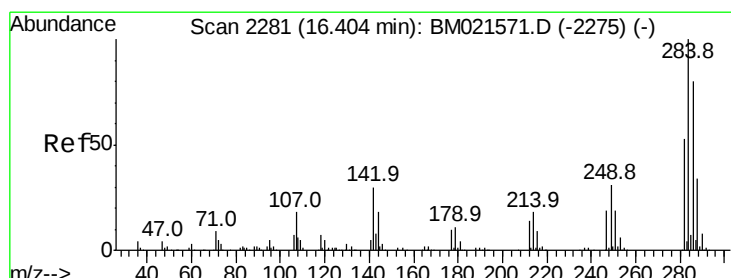
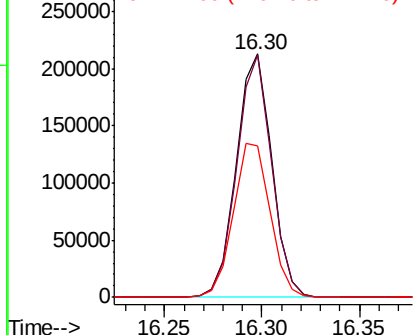
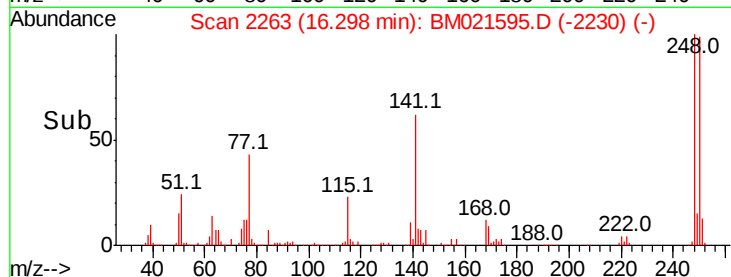


Abundance

Ion 248.00 (247.70 to 248.70): E

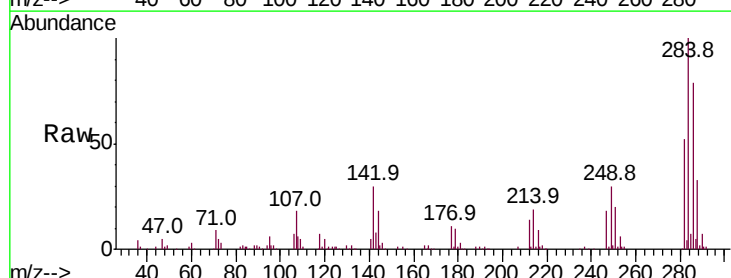
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66
 Hexachlorobenzene
 Concen: 17.752 ng/ul
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.0	22.0	33.0
249	29.8	23.3	34.9

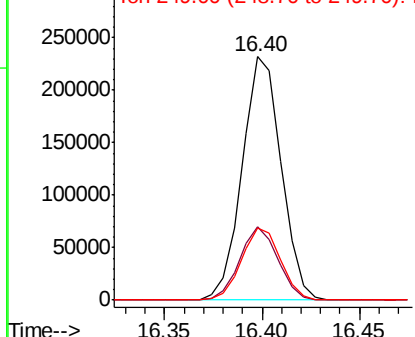
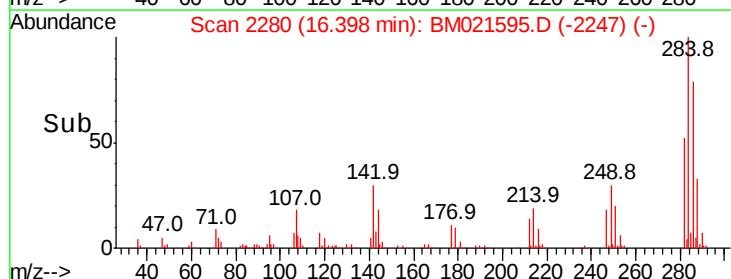


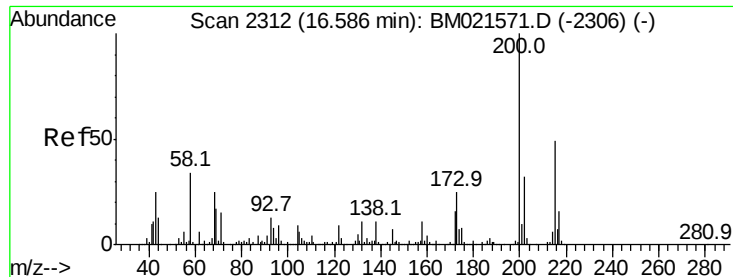
Abundance

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

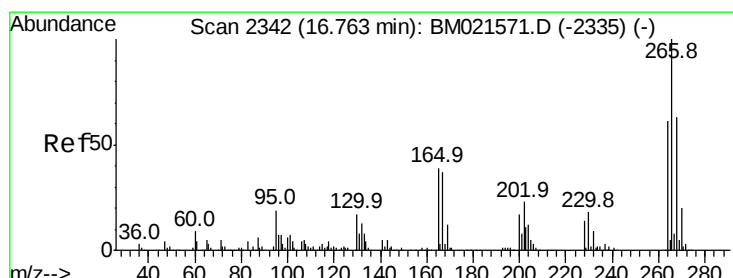
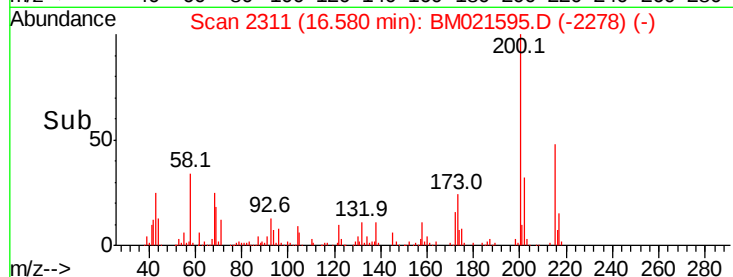
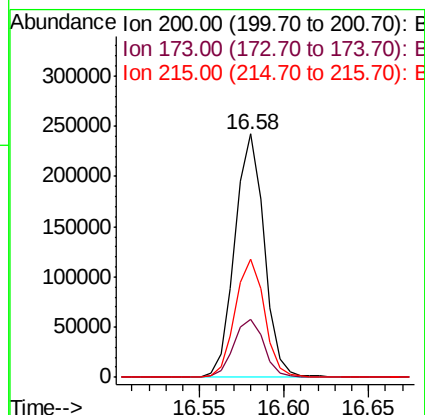
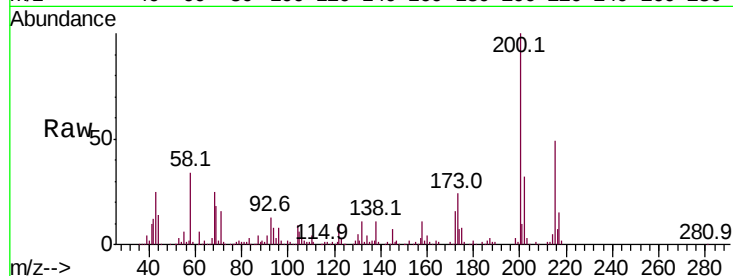




#67
Atrazine
Concen: 21.650 ng/ul
RT: 16.58 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

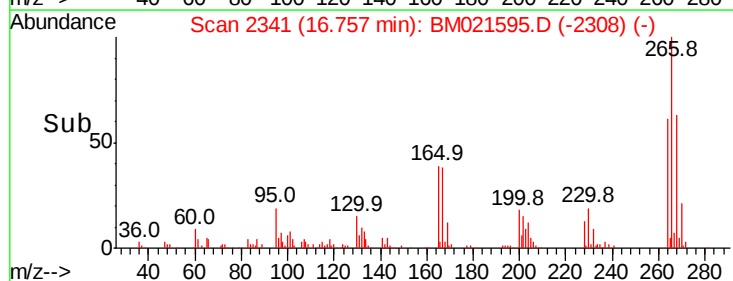
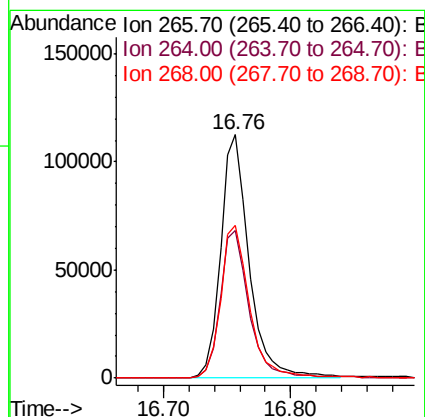
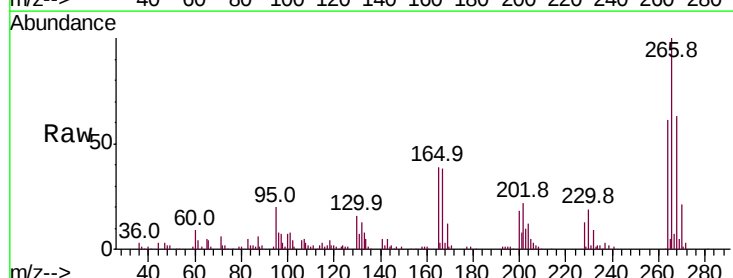
Instrument :
BNA_M
ClientSampleId :

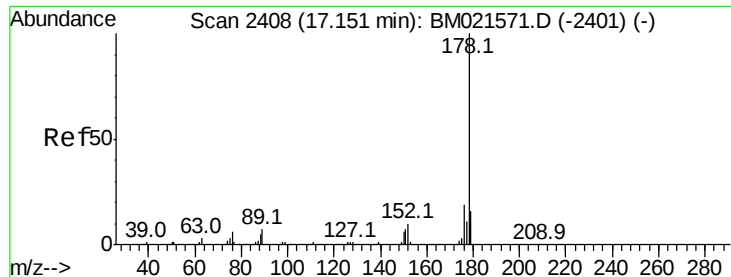
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	19.8	29.8
215	48.6	38.9	58.3



#68
Pentachlorophenol
Concen: 18.440 ng/ul
RT: 16.76 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.6	49.2	73.8
268	62.8	50.6	76.0





#69

Phenanthrene

Concen: 18.336 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

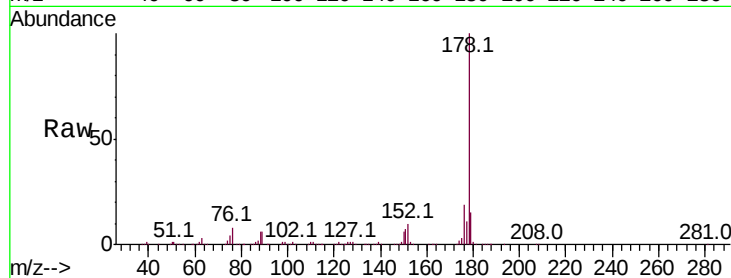
Tot Ion:178 Resp: 1273137

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.9	15.4	23.0

178 100

179 15.4 12.2 18.2

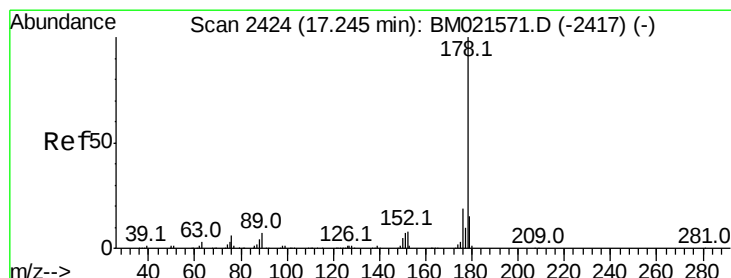
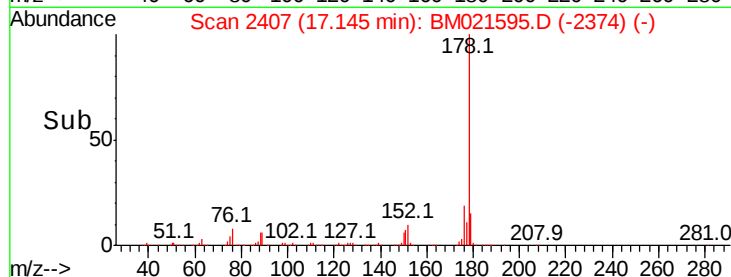
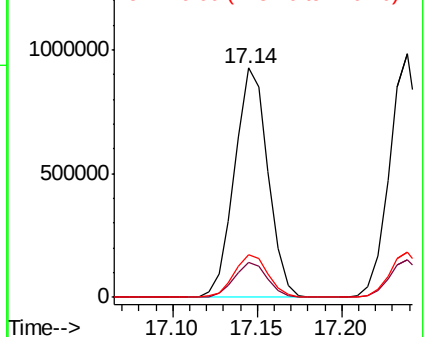
176 18.9 15.4 23.0



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



#71

Anthracene

Concen: 18.373 ng/ul

RT: 17.24 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

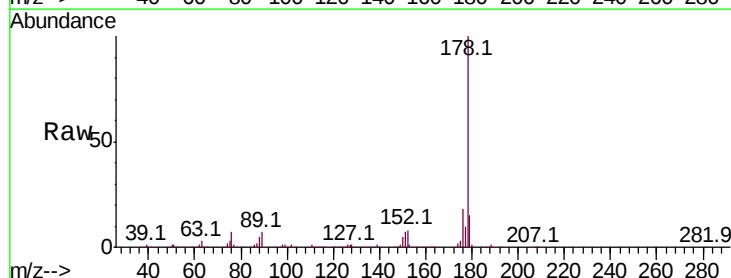
Tgt Ion:178 Resp: 1298389

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.4	14.9	22.3

178 100

179 15.4 12.2 18.2

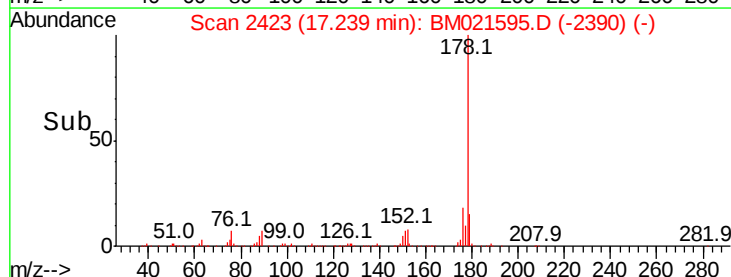
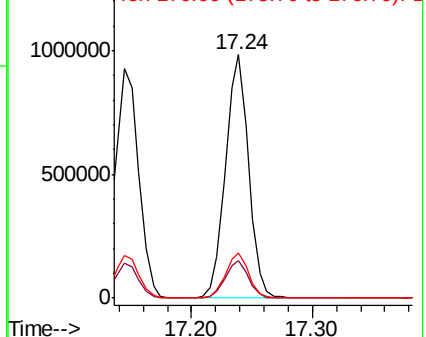
176 18.4 14.9 22.3

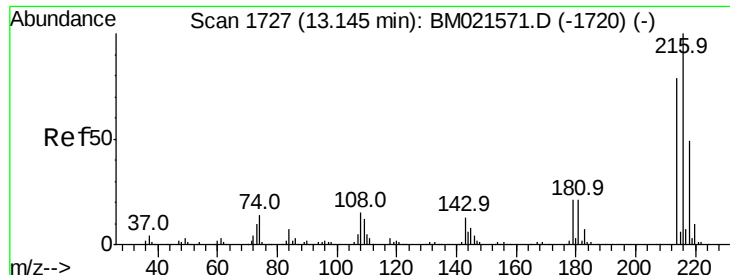


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 15.467 ng/uL

RT: 13.14 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampled :

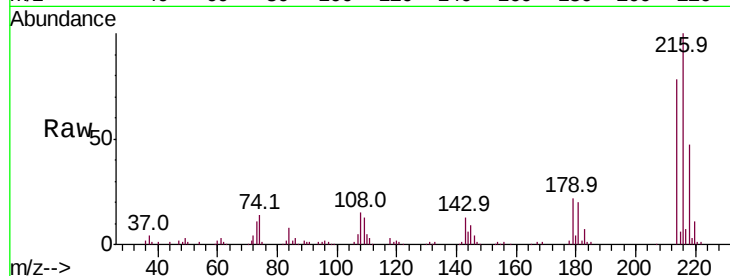
Tot Ion:216 Resp: 312225

Ion Ratio Lower Upper

216 100

214 78.4 63.1 94.7

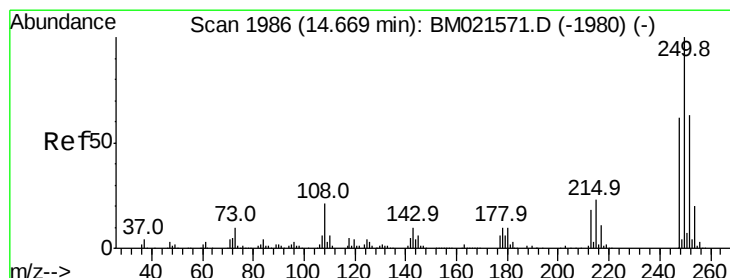
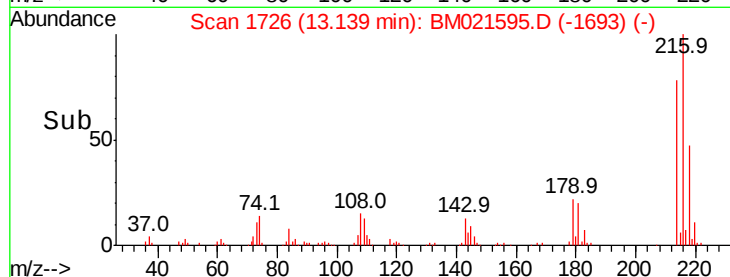
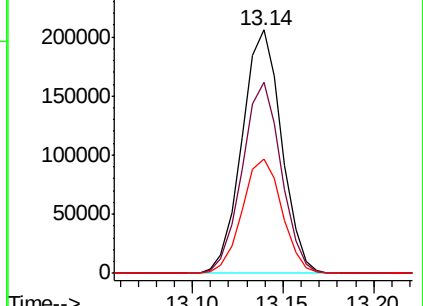
218 46.9 38.8 58.2



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 17.366 ng/uL

RT: 14.67 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

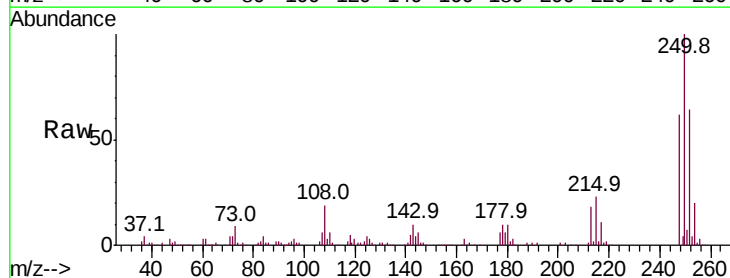
Tgt Ion:250 Resp: 361126

Ion Ratio Lower Upper

250 100

248 61.5 50.4 75.6

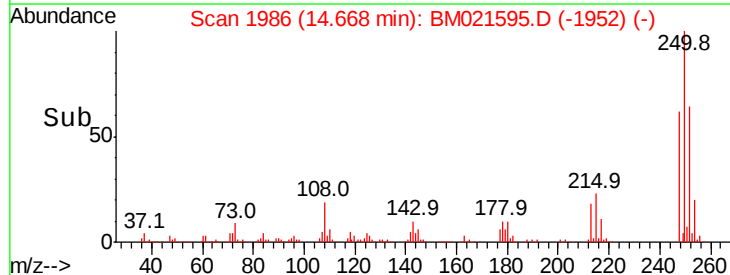
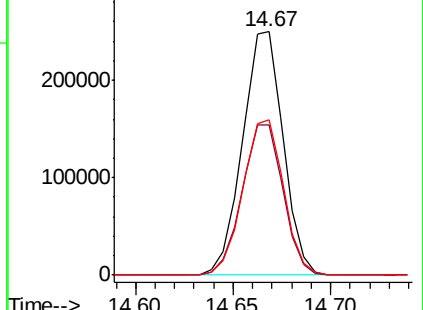
252 63.6 51.0 76.6

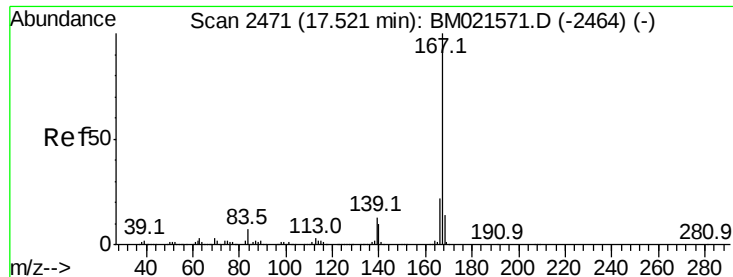


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 19.184 ng/ul

RT: 17.52 min Scan# 2470

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

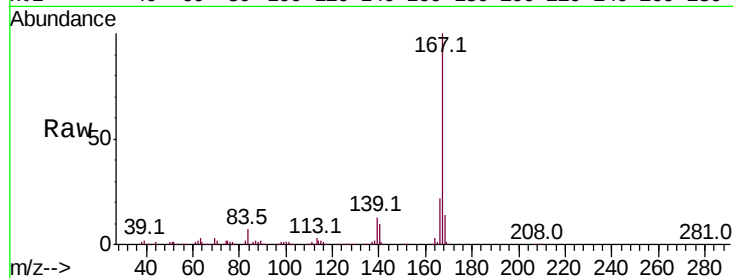
Tot Ion:167 Resp: 1125273

Ion Ratio Lower Upper

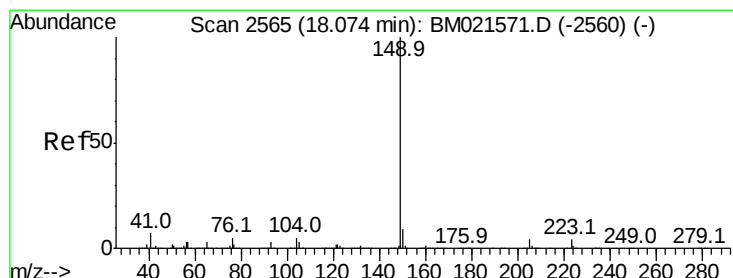
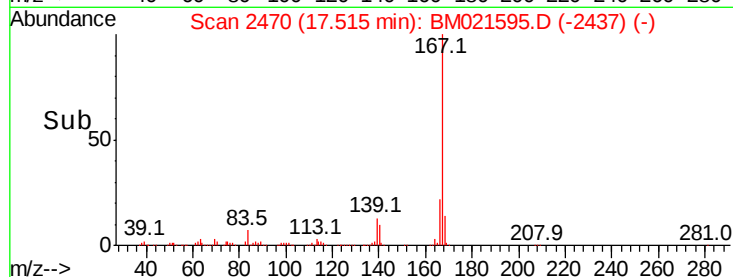
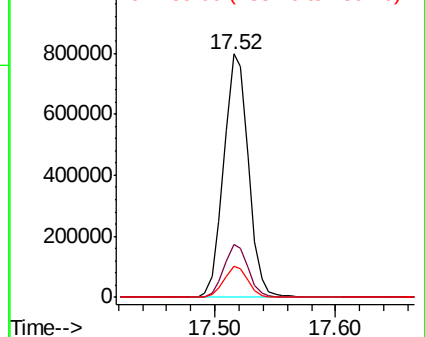
167 100

166 21.9 17.1 25.7

139 12.6 9.7 14.5



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 18.768 ng/ul

RT: 18.07 min Scan# 2565

Delta R.T. -0.00 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

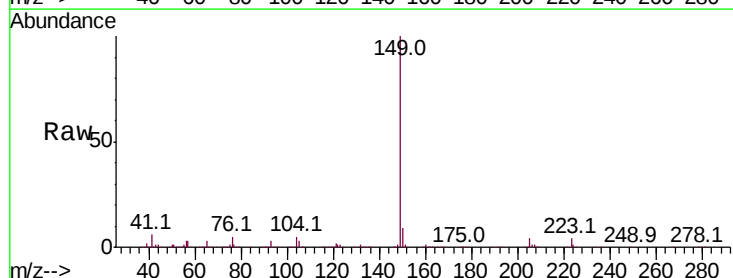
Tgt Ion:149 Resp: 1261205

Ion Ratio Lower Upper

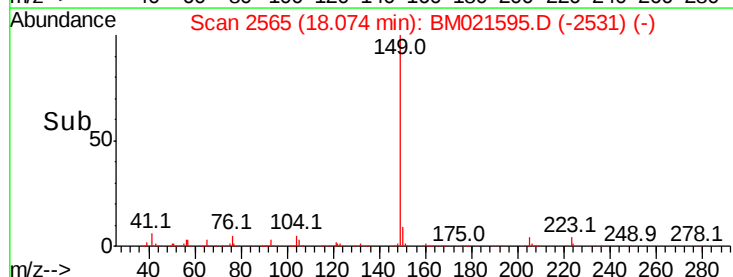
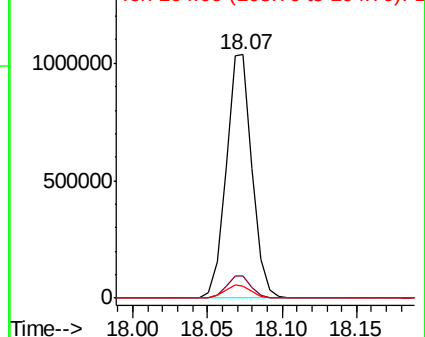
149 100

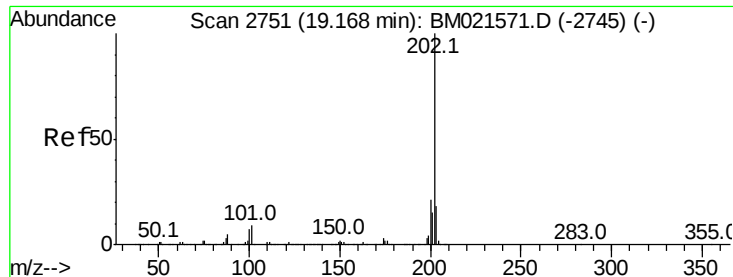
150 8.9 7.4 11.0

104 5.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

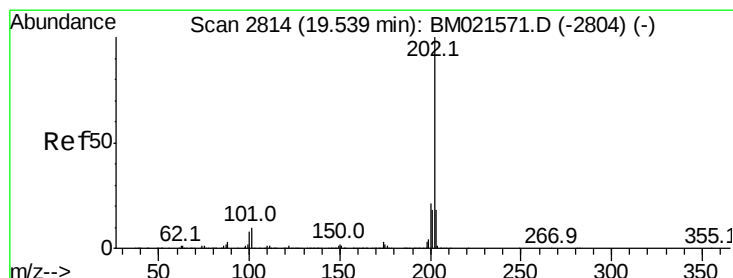
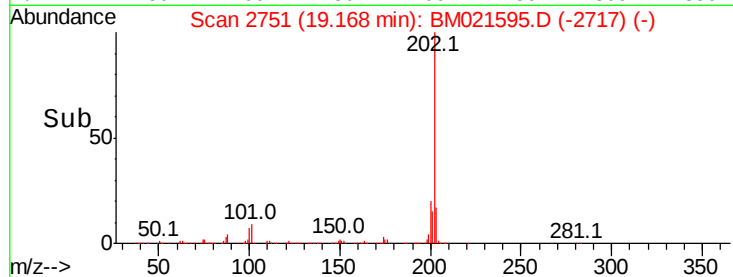
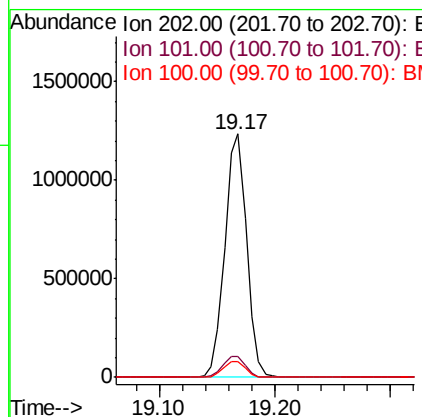
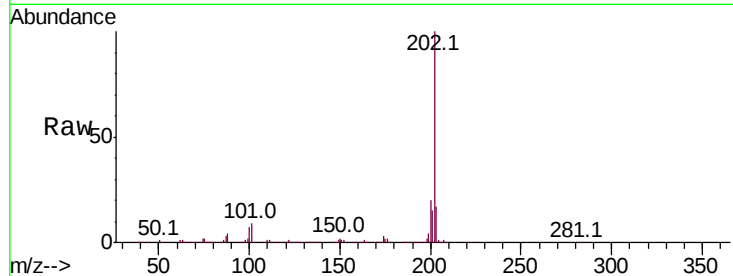




#76
 Fluoranthene
 Concen: 19.579 ng/ul
 RT: 19.17 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

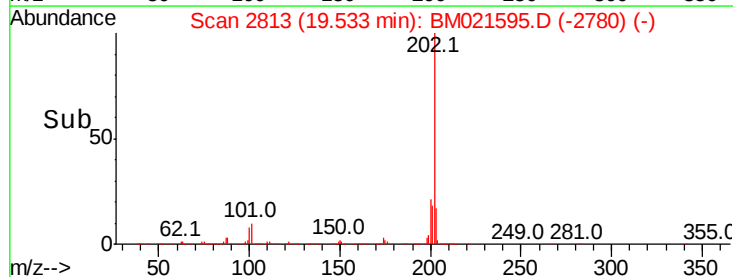
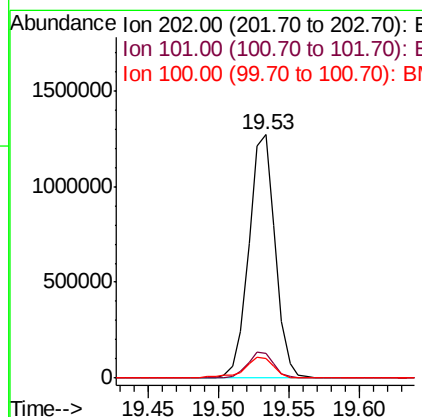
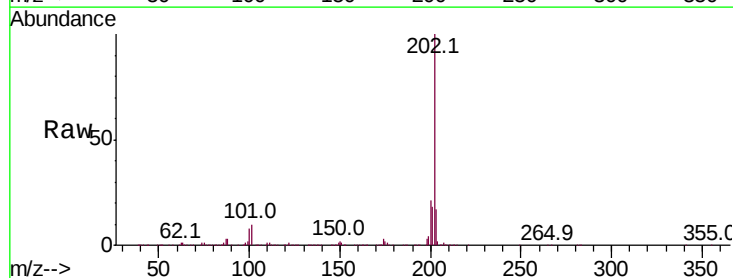
Instrument :
 BNA_M
 ClientSampleId :

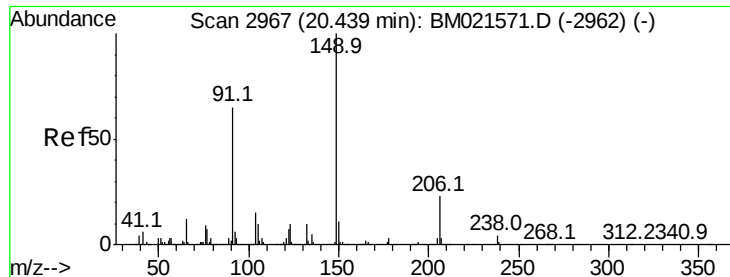
Tot Ion:202 Resp: 1614226
 Ion Ratio Lower Upper
 202 100
 101 8.5 6.7 10.1
 100 6.6 5.3 7.9



#79
 Pyrene
 Concen: 17.501 ng/ul
 RT: 19.53 min Scan# 2813
 Delta R.T. -0.01 min
 Lab File: BM021595.D
 Acq: 22 Jul 2019 22:47

Tgt Ion:202 Resp: 1666207
 Ion Ratio Lower Upper
 202 100
 101 10.0 7.8 11.8
 100 8.2 6.4 9.6

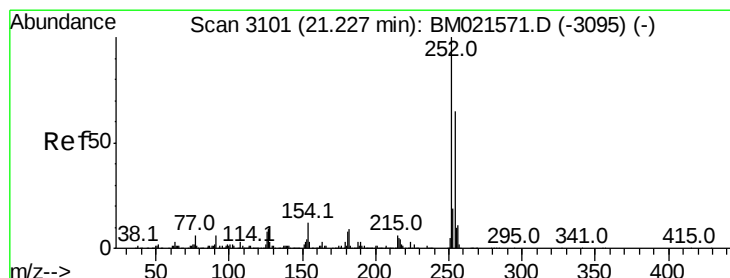
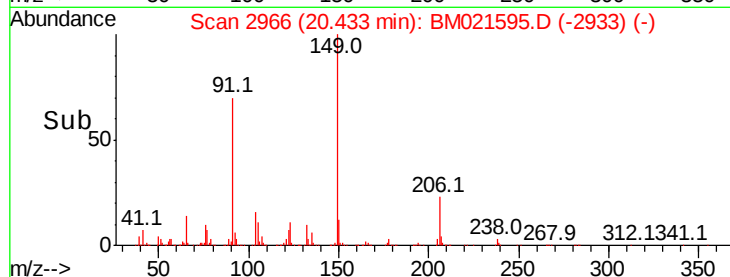
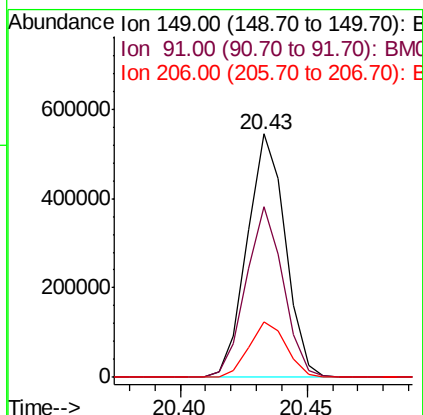
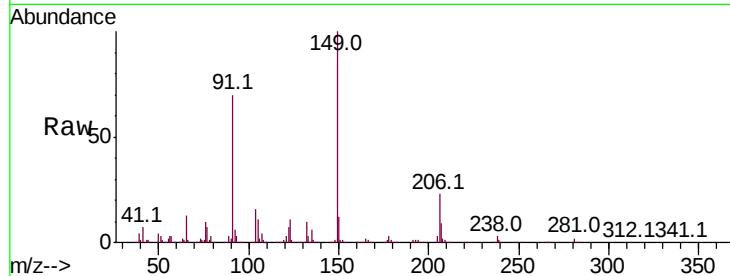




#80
Butylbenzylphthalate
Concen: 16.928 ng/ul
RT: 20.43 min Scan# 2966
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

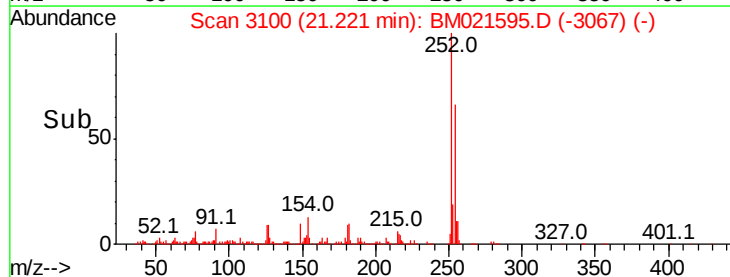
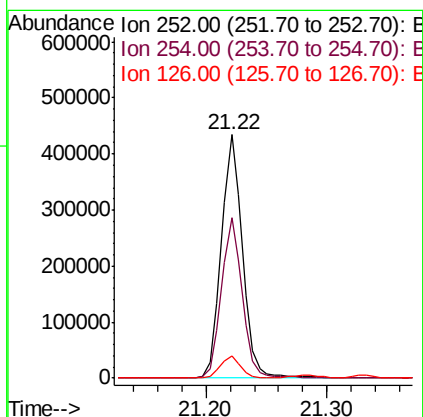
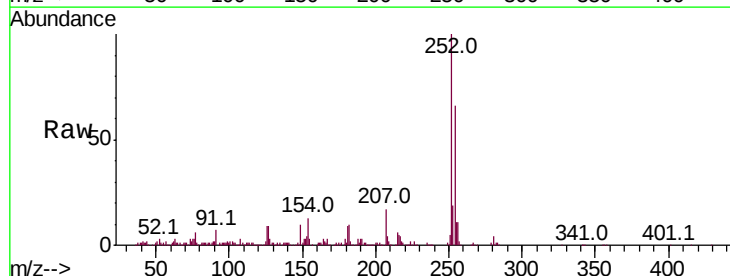
Instrument :
BNA_M
ClientSampleId :

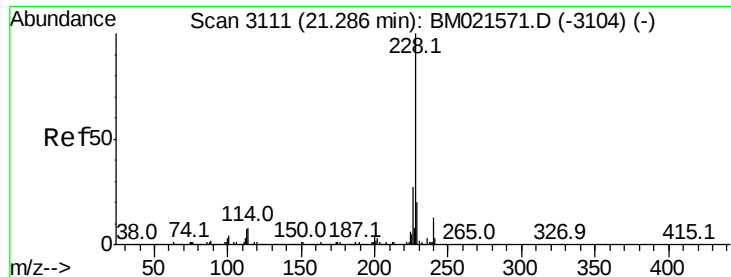
Tot Ion	Ratio	Lower	Upper
149	100		
91	70.0	53.9	80.9
206	22.7	18.0	27.0



#81
3,3'-Dichlorobenzidine
Concen: 16.432 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.1	78.1
126	9.0	7.0	10.6



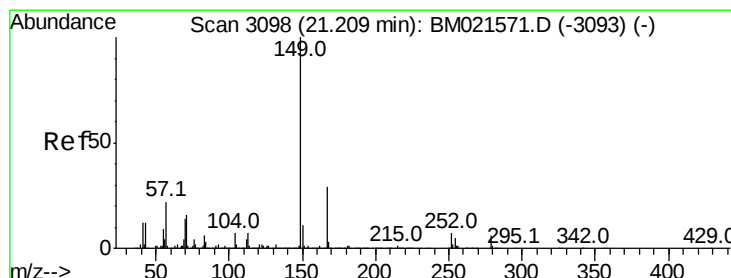
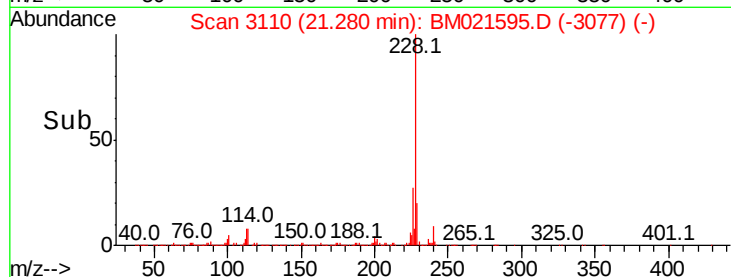
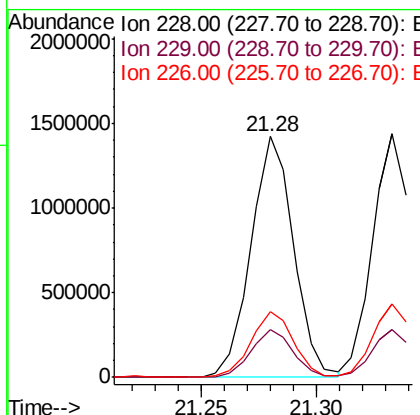
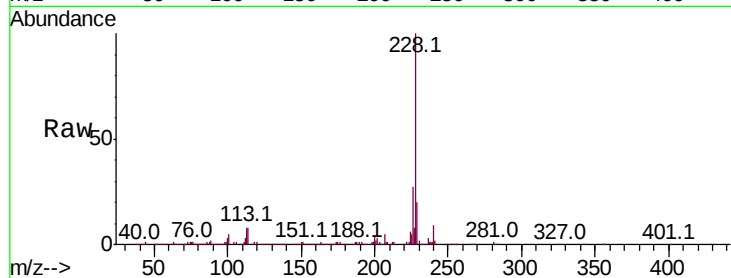


#82
Benzo(a)anthracene
Concen: 18.614 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 1833759

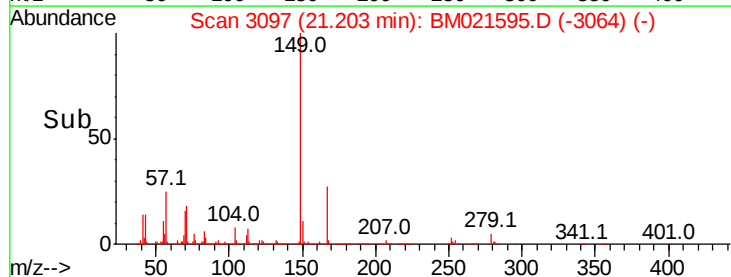
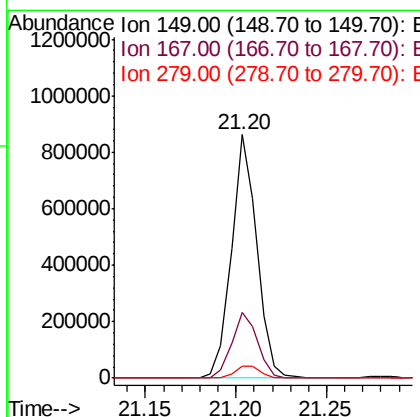
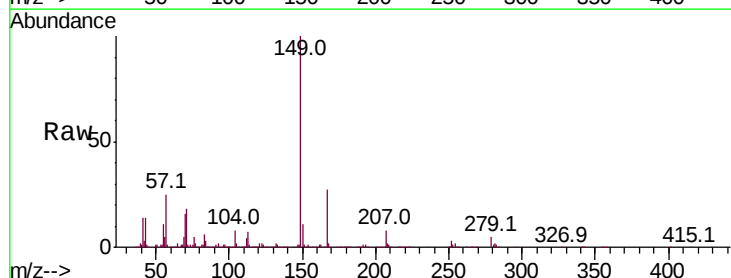
Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	27.2	21.5	32.3

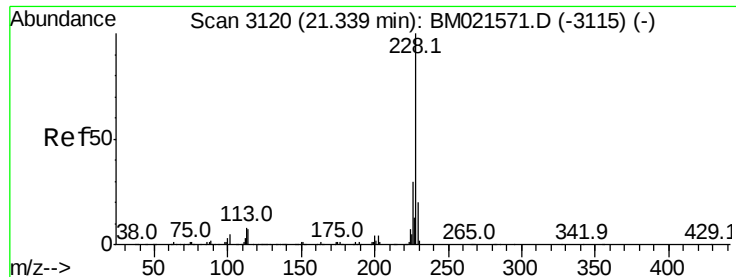


#83
Bis(2-ethylhexyl)phthalate
Concen: 16.794 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM021595.D
Acq: 22 Jul 2019 22:47

Tgt Ion:149 Resp: 833117

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.6	33.8
279	4.7	4.0	6.0





#84

Chrysene

Concen: 18.460 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

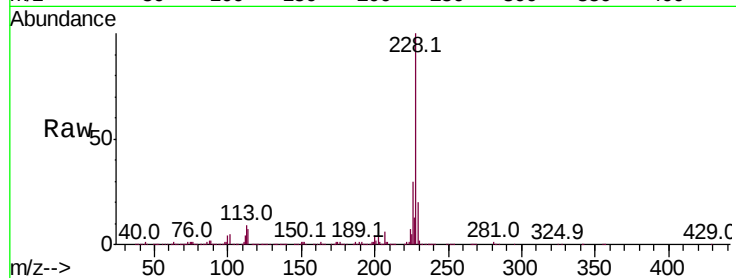
Tot Ion:228 Resp: 1709613

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

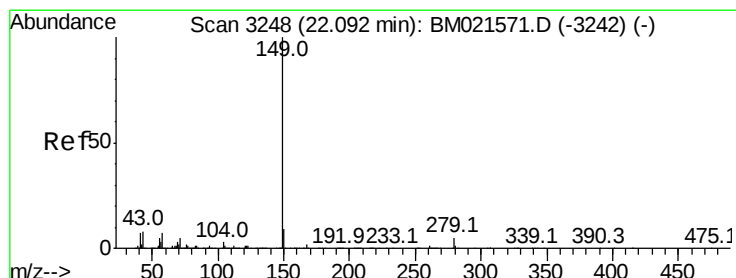
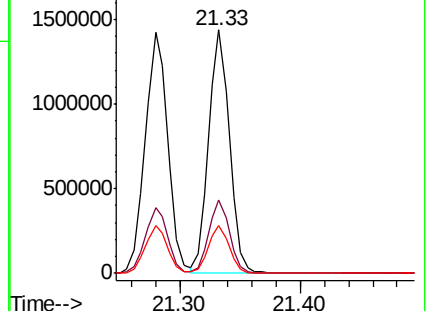
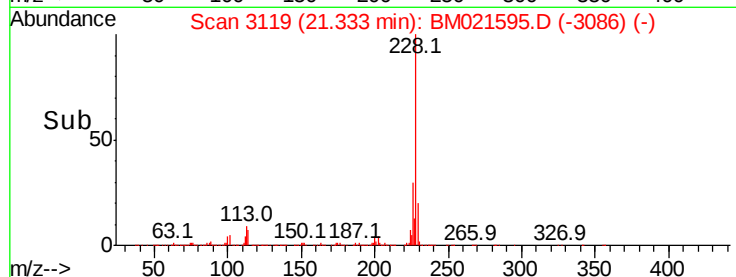
229 19.7 15.4 23.0



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



#86

Di-n-octyl phthalate

Concen: 16.445 ng/ul

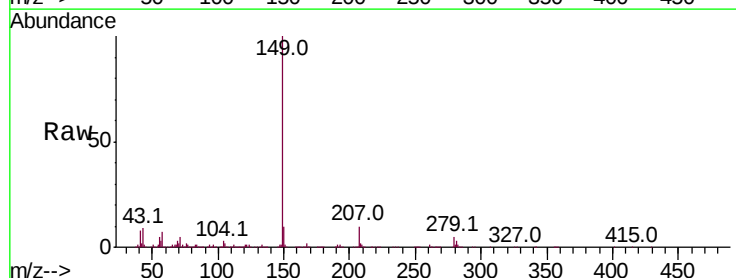
RT: 22.09 min Scan# 3247

Delta R.T. -0.01 min

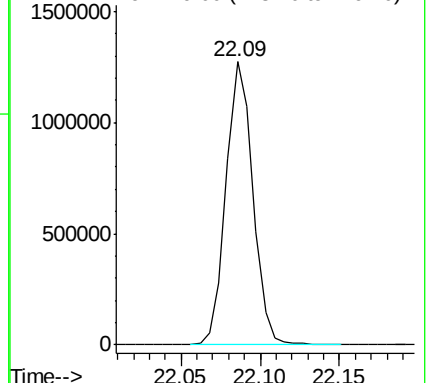
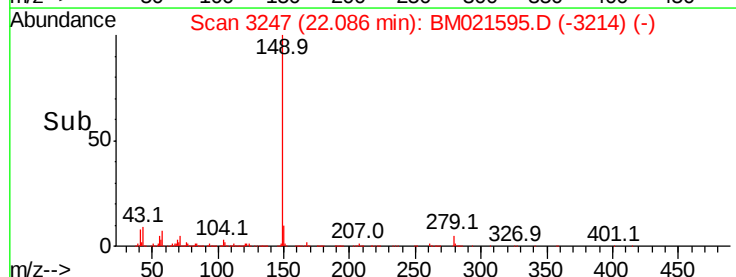
Lab File: BM021595.D

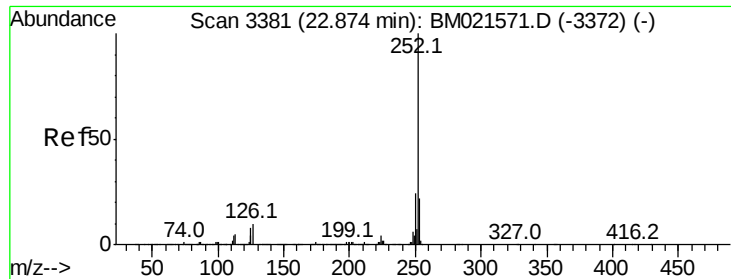
Acq: 22 Jul 2019 22:47

Tgt Ion:149 Resp: 1485664



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 18.606 ng/ul

RT: 22.87 min Scan# 3380

Delta R.T. -0.01 min

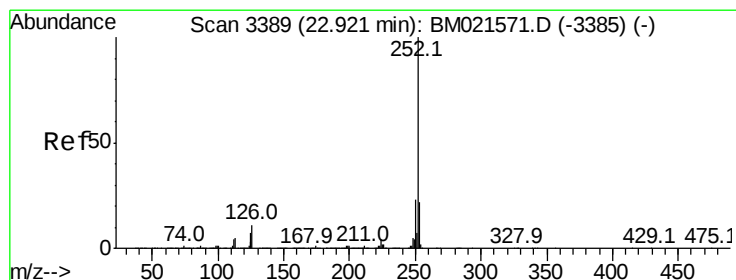
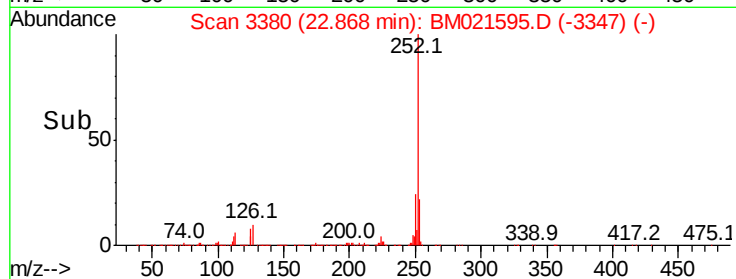
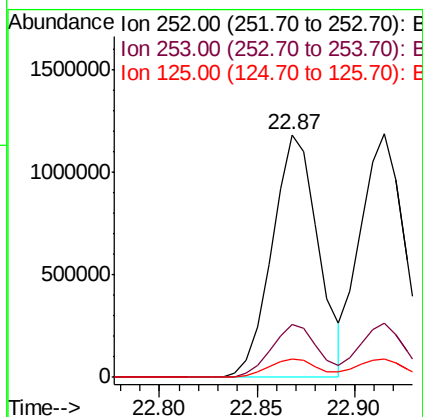
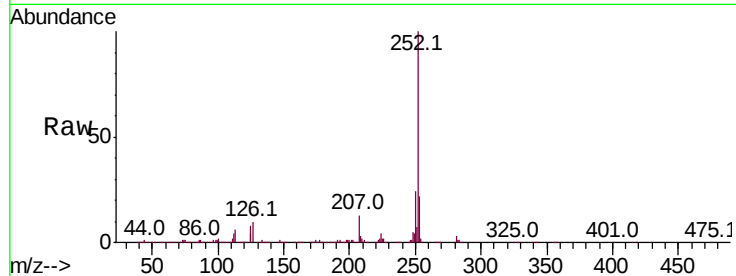
Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :
BNA_M
ClientSampleId :

Tot Ion:252 Resp: 1939061

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	7.7	5.9	8.9



#88

Benzo(k)fluoranthene

Concen: 17.984 ng/ul

RT: 22.91 min Scan# 3388

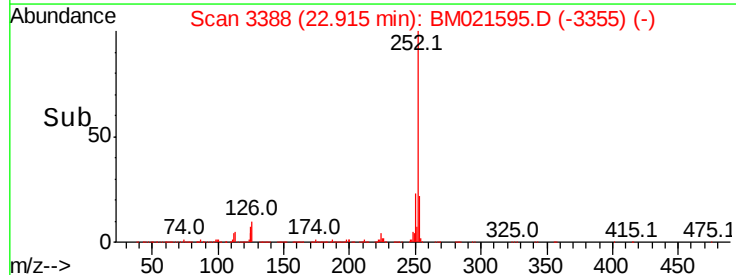
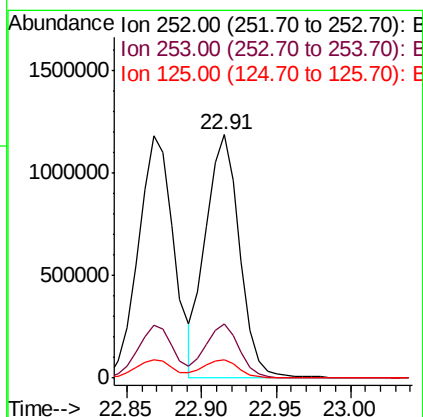
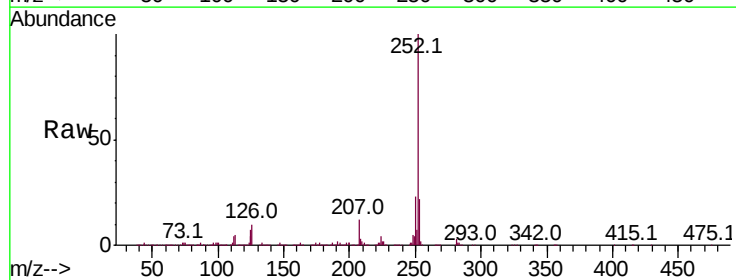
Delta R.T. -0.01 min

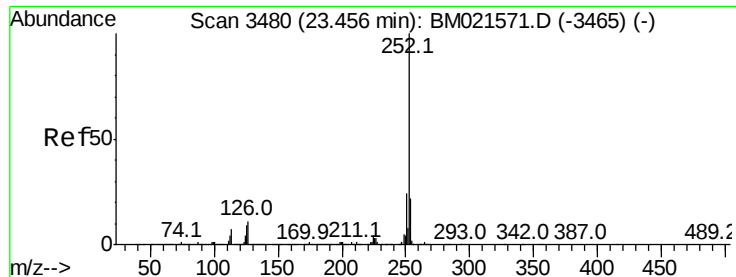
Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Tgt Ion:252 Resp: 1866877

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	7.3	5.8	8.8





#90

Benzo(a)pyrene

Concen: 18.371 ng/ul

RT: 23.45 min Scan# 3479

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

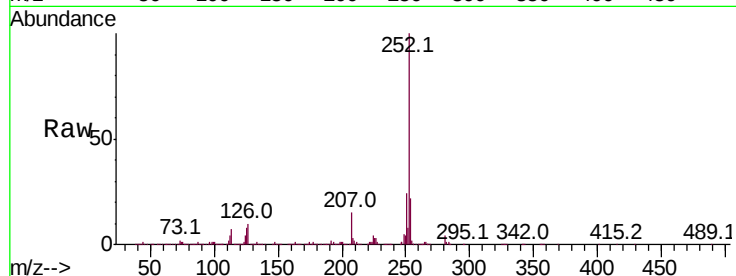
Tot Ion:252 Resp: 1849286

Ion Ratio Lower Upper

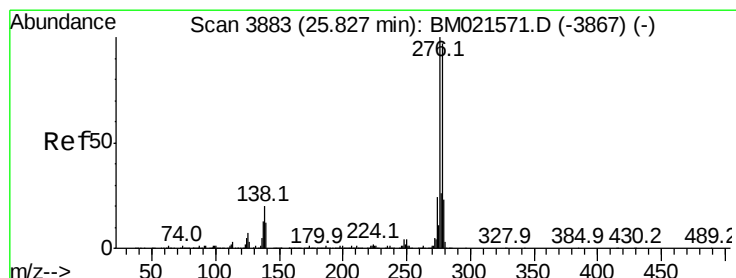
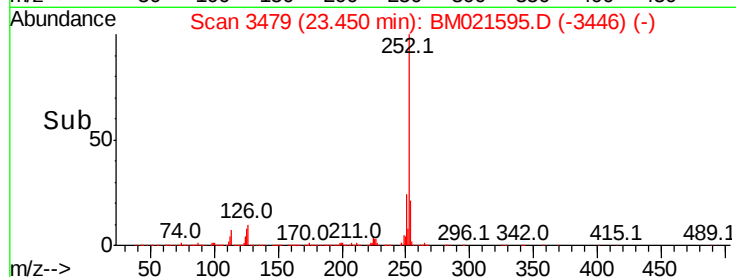
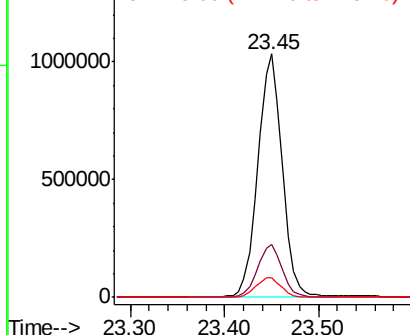
252 100

253 21.5 17.5 26.3

125 8.3 6.9 10.3



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: 18.594 ng/ul

RT: 25.81 min Scan# 3880

Delta R.T. -0.02 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

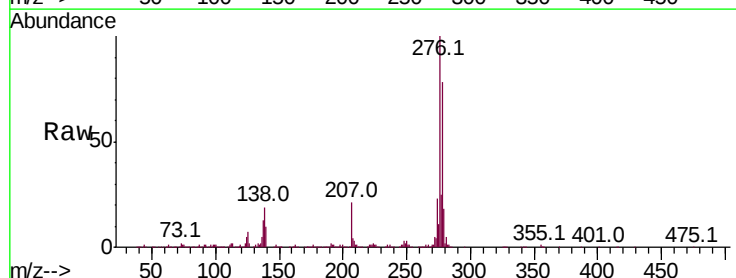
Tgt Ion:276 Resp: 2312083

Ion Ratio Lower Upper

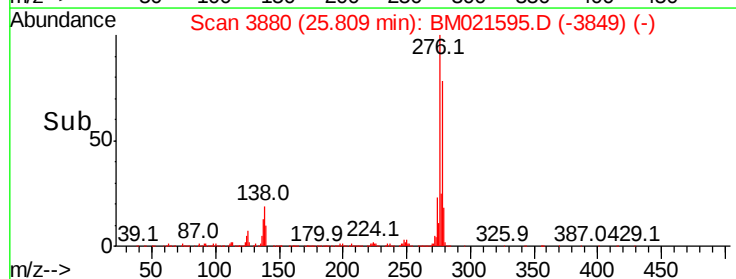
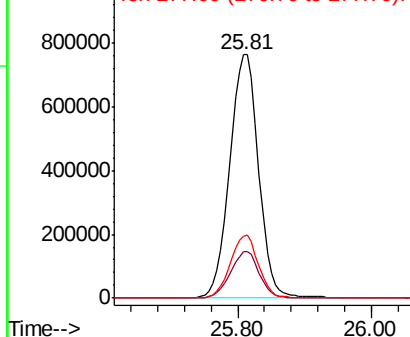
276 100

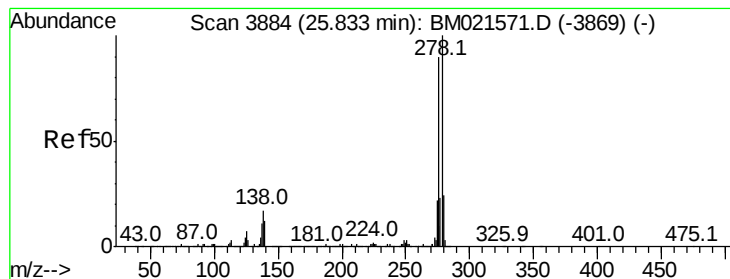
138 19.3 14.8 22.2

277 25.4 20.0 30.0



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: 18.547 ng/ul

RT: 25.82 min Scan# 3882

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

Instrument :

BNA_M

ClientSampleId :

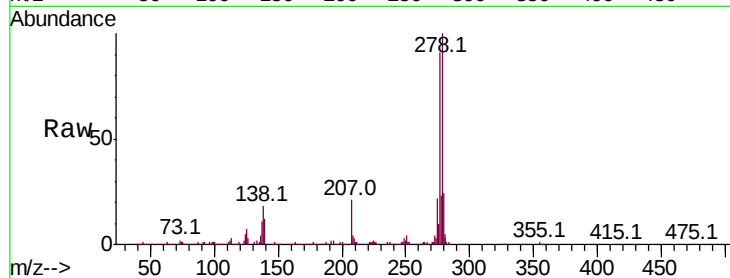
Tot Ion:278 Resp: 1938752

Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.8	14.6
279	23.7	18.6	28.0

278 100

139 12.1 9.8 14.6

279 23.7 18.6 28.0

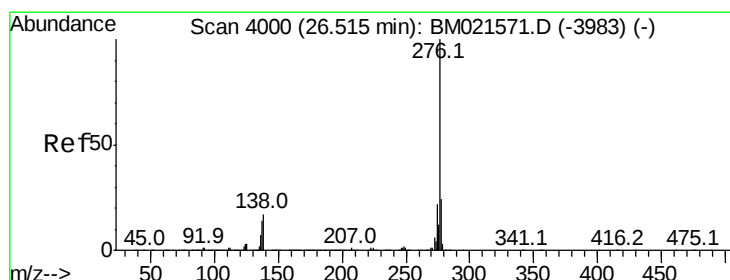
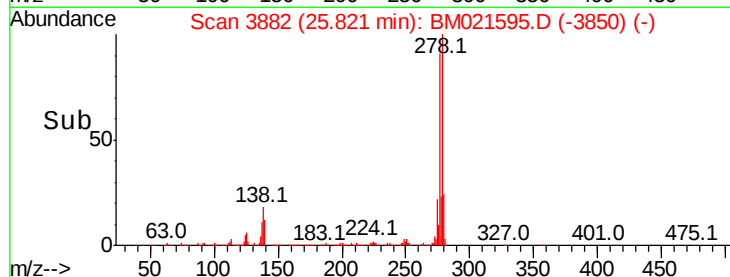
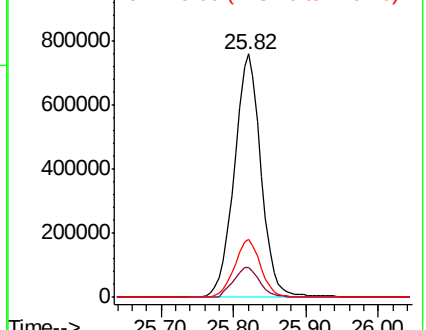


Abundance

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



#93

Benzo(g,h,i)perylene

Concen: 18.358 ng/ul

RT: 26.50 min Scan# 3998

Delta R.T. -0.01 min

Lab File: BM021595.D

Acq: 22 Jul 2019 22:47

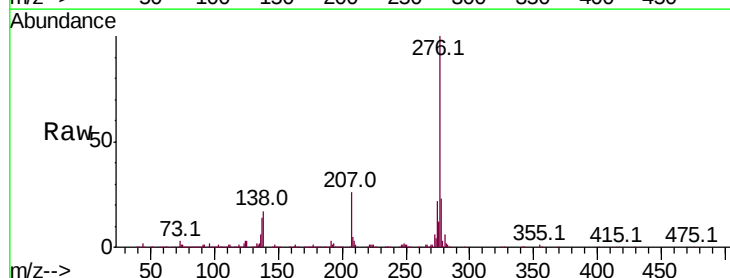
Tgt Ion:276 Resp: 1883283

Ion	Ratio	Lower	Upper
276	100		
138	16.5	13.4	20.2
277	23.3	18.8	28.2

276 100

138 16.5 13.4 20.2

277 23.3 18.8 28.2



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

