

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
 Data File : BM023186.D
 Acq On : 16 Oct 2019 02:56
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 16 06:50:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 15 02:28:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	350567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1540104	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1019305	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2175775	20.00	ng/ul	-0.01
78) Chrysene-d12	21.26	240	2323037	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	2272541	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	64112	8.05	ng/uL	0.00
5) Phenol-d5	6.86	99	584361	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	343886	19.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	449346	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	475377	19.38	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	209012	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	199960	20.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	487635	19.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	625880	20.39	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1491210	19.09	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1771042	19.33	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.52	143	249528	19.73	ng/ul	0.00
58) Fluorene-d10	15.32	176	1294632	19.45	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	155105	17.98	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2067408	19.71	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2319415	20.62	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	2248737	19.52	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	68596	8.240	ng/uL# 82
4) Benzaldehyde	6.83	77	430014	21.434	ng/ul 98
6) Phenol	6.88	94	613047	19.470	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.12	93	466299	20.083	ng/ul 98
10) 2-Chlorophenol	7.25	128	478782	19.604	ng/ul 99
11) 2-Methylphenol	8.13	108	469994	19.472	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	701593	20.701	ng/ul 97
14) Acetophenone	8.50	105	765814	20.030	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.49	70	415533	19.676	ng/ul 99
16) 4-Methylphenol	8.45	108	510819	19.463	ng/ul 99
17) Hexachloroethane	8.76	117	194735	20.058	ng/ul 90
20) Nitrobenzene	8.87	77	561621	20.173	ng/ul 99
21) Isophorone	9.40	82	1153582	19.263	ng/ul 99
23) 2-Nitrophenol	9.59	139	237847	20.828	ng/ul 98
24) 2,4-Dimethylphenol	9.65	107	590143	19.443	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.89	93	666551	20.042	ng/ul 99
27) 2,4-Dichlorophenol	10.12	162	481220	19.519	ng/ul 97
28) Naphthalene	10.52	128	1561112	19.611	ng/ul 98
30) 4-Chloroaniline	10.62	127	652330	20.540	ng/ul 99
31) Hexachlorobutadiene	10.82	225	322161	19.398	ng/ul 97
32) Caprolactam	11.37	113	163865	18.511	ng/ul 94
33) 4-Chloro-3-methylphenol	11.75	107	542773	19.213	ng/ul 98
34) 2-Methylnaphthalene	12.14	142	1179247	19.908	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.36	142	1130075	19.713	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	640604	19.429	ng/ul	99
38) Hexachlorocyclopentadiene	12.50	237	332011	16.640	ng/ul	99
39) 2,4,6-Trichlorophenol	12.75	196	393408	19.404	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	420609	19.298	ng/ul	99
41) 1,1'-Biphenyl	13.16	154	1537787	19.828	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	1189785	19.808	ng/ul	99
43) 2-Nitroaniline	13.39	65	310297	22.044	ng/ul	96
45) Dimethylphthalate	13.79	163	1514248	19.368	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	269520	21.956	ng/ul	99
48) Acenaphthylene	14.05	152	1835037	19.590	ng/ul	99
49) 3-Nitroaniline	14.22	138	277831	21.004	ng/ul#	98
50) Acenaphthene	14.39	153	1278884	19.607	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	92107	16.472	ng/ul	95
53) 4-Nitrophenol	14.53	109	220707	19.376	ng/ul	94
54) Dibenzofuran	14.73	168	1820457	19.660	ng/ul	98
55) 2,4-Dinitrotoluene	14.69	165	401631	22.368	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.95	232	373869	19.703	ng/ul	93
57) Diethylphthalate	15.17	149	1546432	19.367	ng/ul	100
59) Fluorene	15.38	166	1495072	19.679	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.38	204	772602	19.471	ng/ul	97
61) 4-Nitroaniline	15.39	138	330869	20.790	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	184926	18.309	ng/ul	98
65) N-Nitrosodiphenylamine	15.59	169	1321888	19.686	ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	522584	19.895	ng/ul	97
67) Hexachlorobenzene	16.39	284	601329	20.186	ng/ul	98
68) Atrazine	16.54	200	490739	19.094	ng/ul	99
69) Pentachlorophenol	16.72	266	314924	18.873	ng/ul	100
70) Phenanthrene	17.11	178	2431945	19.917	ng/ul	99
72) Anthracene	17.20	178	2500869	19.820	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	623244	19.726	ng/uL	99
74) Pentachlorobenzene	14.65	250	656862	19.955	ng/uL	99
75) Carbazole	17.47	167	2251785	19.976	ng/ul	100
76) Di-n-butylphthalate	18.06	149	2634667	19.641	ng/ul	99
77) Fluoranthene	19.13	202	2969765	20.450	ng/ul	98
80) Pvrene	19.49	202	3061234	21.035	ng/ul	99
81) Butylbenzylphthalate	20.42	149	1130216	22.330	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.17	252	1050617	18.670	ng/ul	99
83) Benzo(a)anthracene	21.24	228	3108119	19.746	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	1718354	21.350	ng/ul	99
85) Chrysene	21.29	228	2871989	19.650	ng/ul	99
87) Di-n-octyl phthalate	22.08	149	2865249	24.438	ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	2895058	21.011	ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	2766957	20.914	ng/ul	100
91) Benzo(a)pyrene	23.37	252	2600755	19.674	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.70	276	2594017	16.495	ng/ul	98
93) Dibenzo(a,h)anthracene	25.71	278	2201364	16.742	ng/ul	99
94) Benzo(a,h,i)perylene	26.37	276	2060034	15.910	ng/ul	99

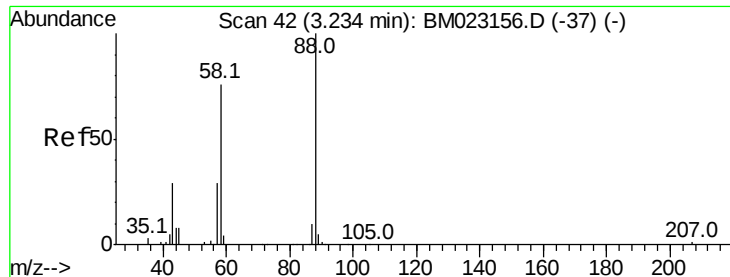
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

1,4-Dioxane

Concen: 8.240 ng/uL

RT: 3.23 min Scan# 42

Delta R.T. 0.00 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

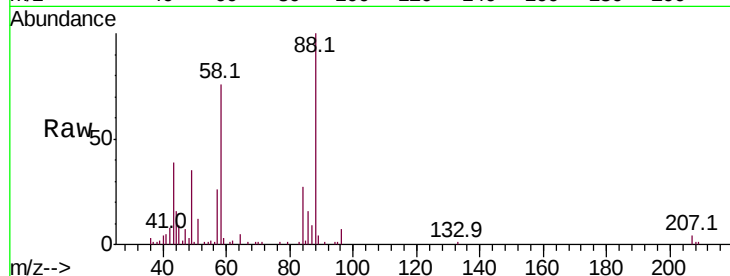
Tot Ion: 88 Resp: 68596

Ion Ratio Lower Upper

88 100

43 38.9 52.2 78.4#

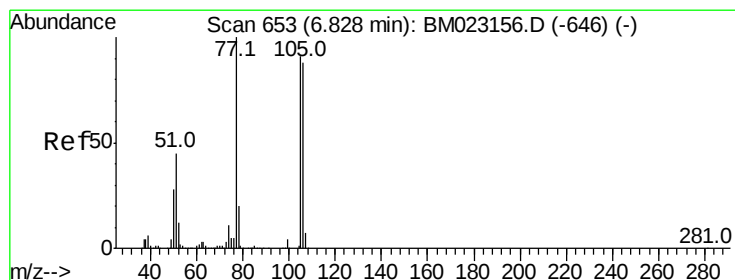
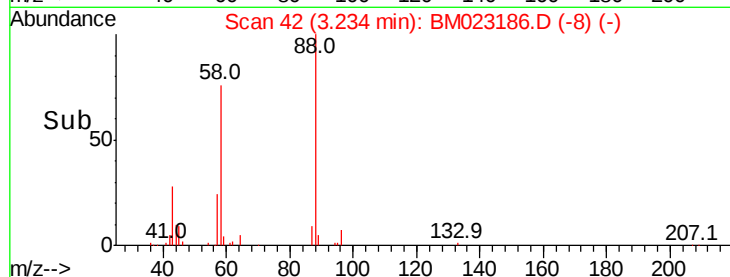
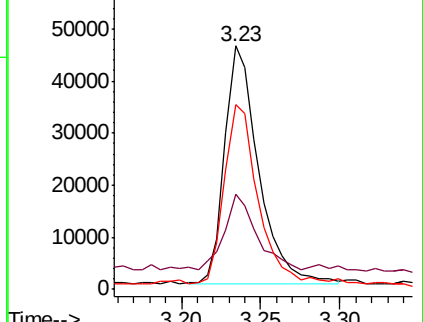
58 75.6 63.8 95.8



Abundance Ion 88.00 (87.70 to 88.70): BM023186.D (-37) (-)

Ion 43.00 (42.70 to 43.70): BM023186.D (-37) (-)

Ion 58.00 (57.70 to 58.70): BM023186.D (-37) (-)



#4

Benzaldehyde

Concen: 21.434 ng/uL

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

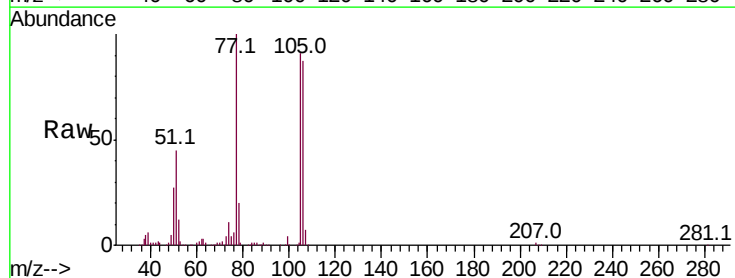
Tgt Ion: 77 Resp: 430014

Ion Ratio Lower Upper

77 100

105 90.7 74.6 111.8

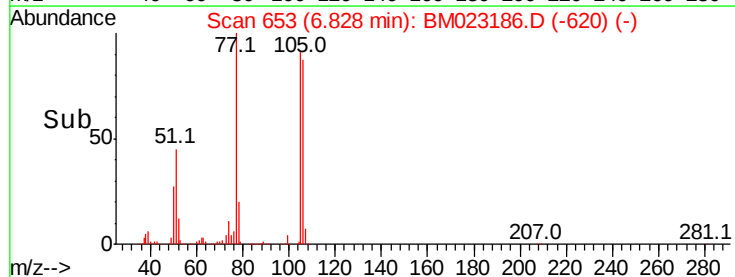
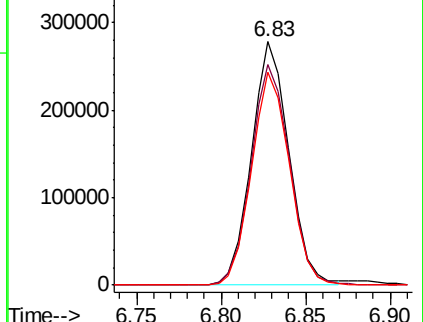
106 87.3 70.2 105.2

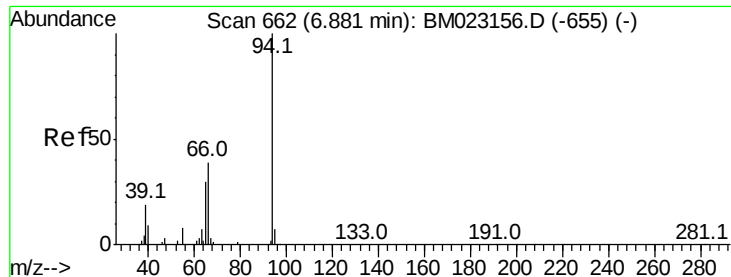


Abundance Ion 77.00 (76.70 to 77.70): BM023186.D (-646) (-)

Ion 105.00 (104.70 to 105.70): BM023186.D (-646) (-)

Ion 106.00 (105.70 to 106.70): BM023186.D (-646) (-)





#6

Phenol

Concen: 19.470 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

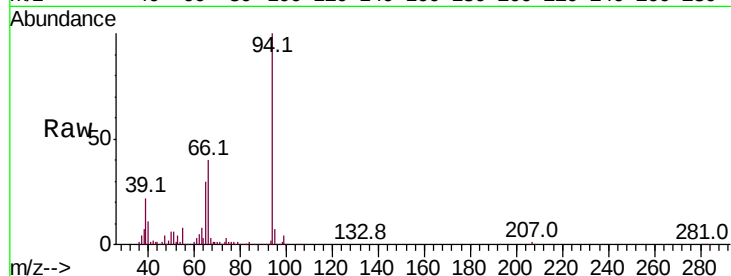
Tot Ion: 94 Resp: 613047

Ion Ratio Lower Upper

94 100

65 29.8 23.7 35.5

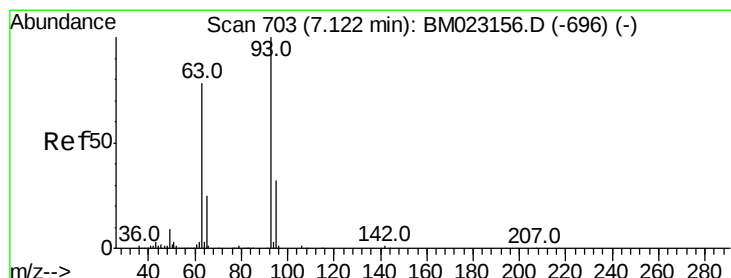
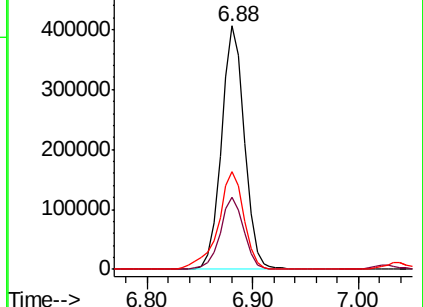
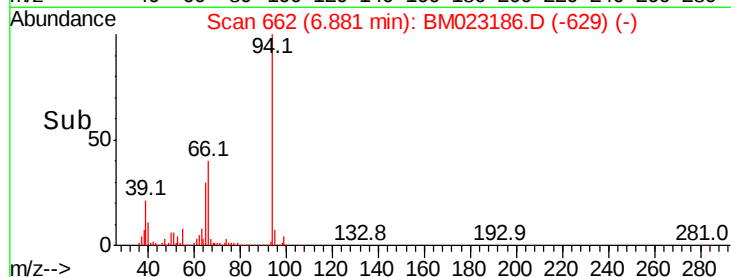
66 40.3 32.9 49.3



Abundance Ion 94.00 (93.70 to 94.70): BM023186.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM023186.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM023186.D (-669) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 20.083 ng/ul

RT: 7.12 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

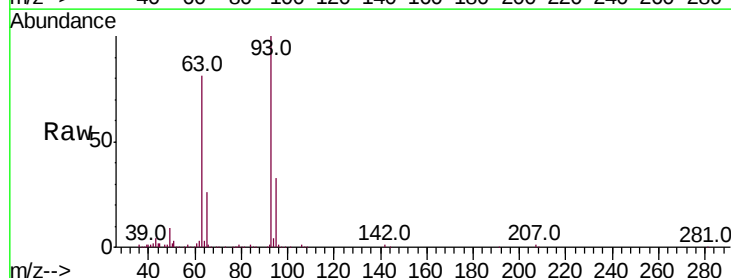
Tgt Ion: 93 Resp: 466299

Ion Ratio Lower Upper

93 100

63 80.5 63.0 94.4

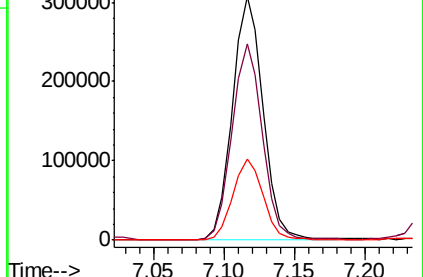
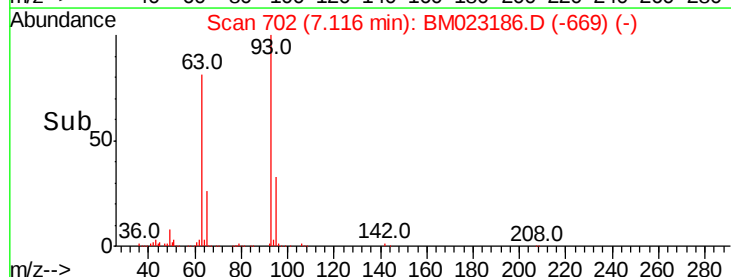
95 33.2 26.8 40.2

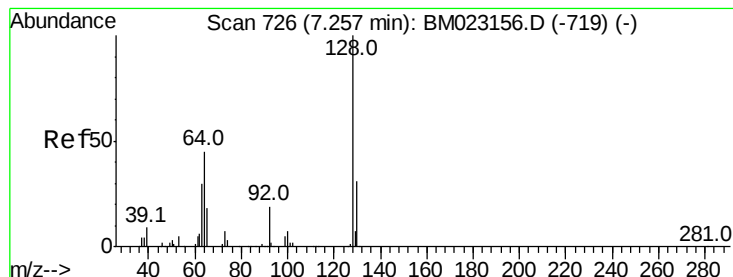


Abundance Ion 93.00 (92.70 to 93.70): BM023186.D (-669) (-)

Ion 63.00 (62.70 to 63.70): BM023186.D (-669) (-)

Ion 95.00 (94.70 to 95.70): BM023186.D (-669) (-)





#10

2-Chlorophenol

Concen: 19.604 ng/ul

RT: 7.25 min Scan# 725

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

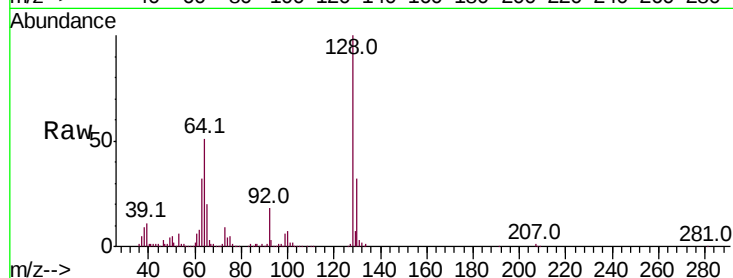
Tot Ion:128 Resp: 478782

Ion Ratio Lower Upper

128 100

64 51.4 40.3 60.5

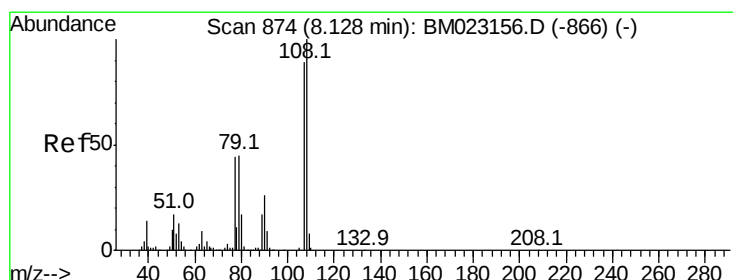
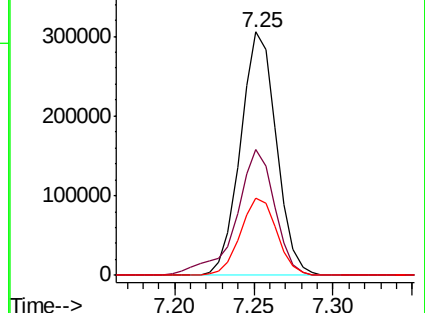
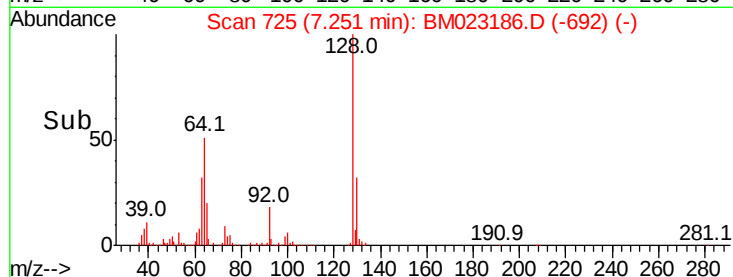
130 31.6 25.6 38.4



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: 19.472 ng/ul

RT: 8.13 min Scan# 874

Delta R.T. -0.01 min

Lab File: BM023186.D

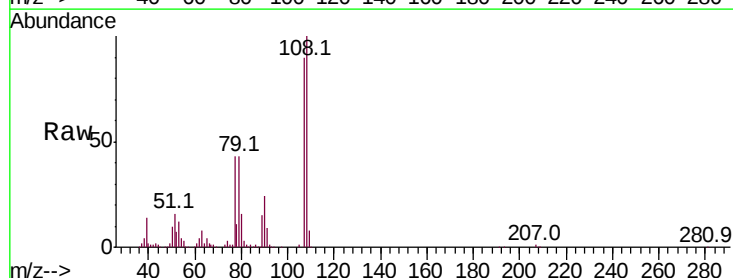
Acq: 16 Oct 2019 02:56

Tgt Ion:108 Resp: 469994

Ion Ratio Lower Upper

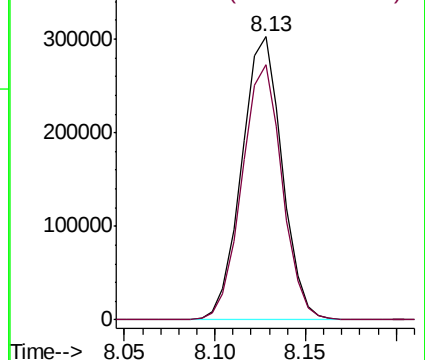
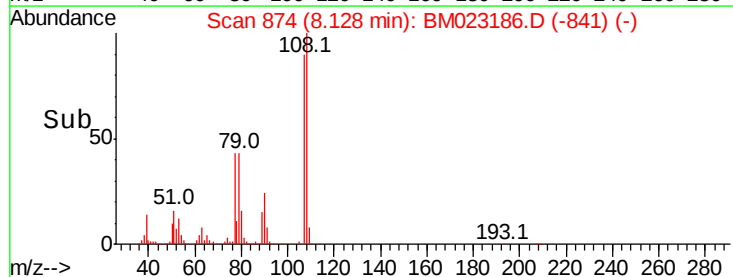
108 100

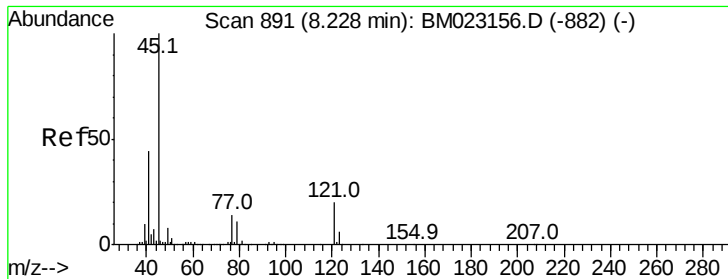
107 90.1 72.9 109.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

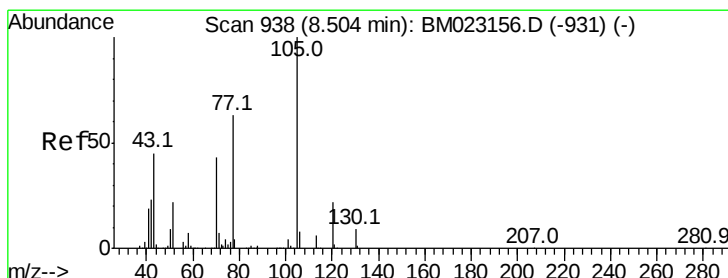
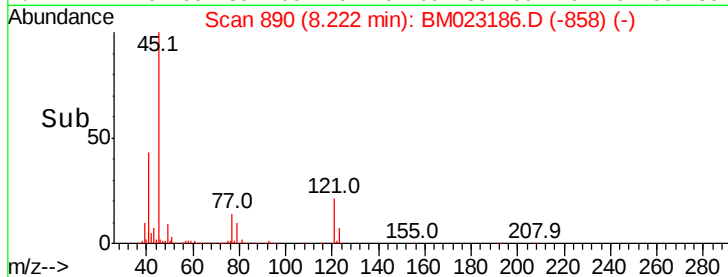
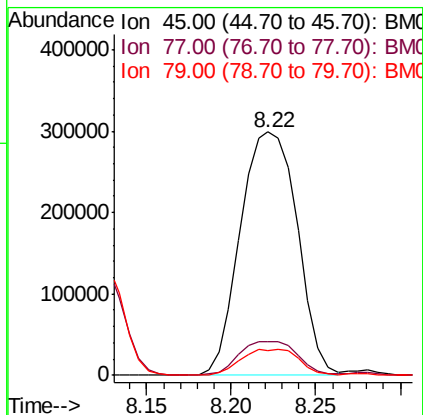
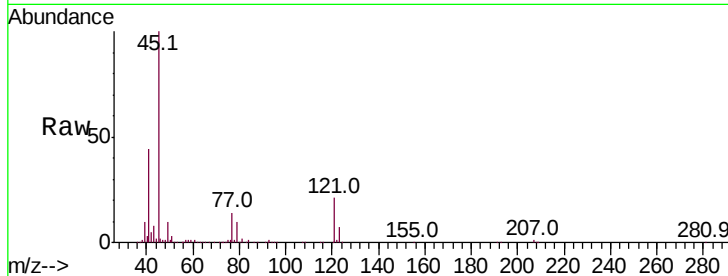




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.701 ng/ul
RT: 8.22 min Scan# 890
Delta R.T. -0.01 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

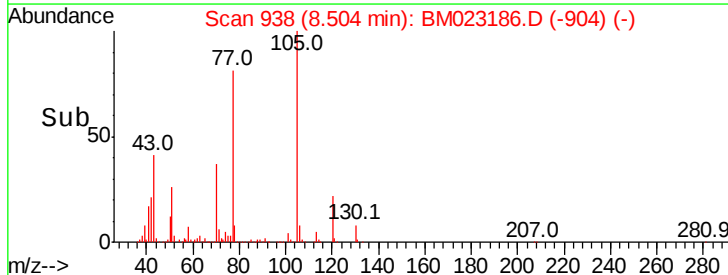
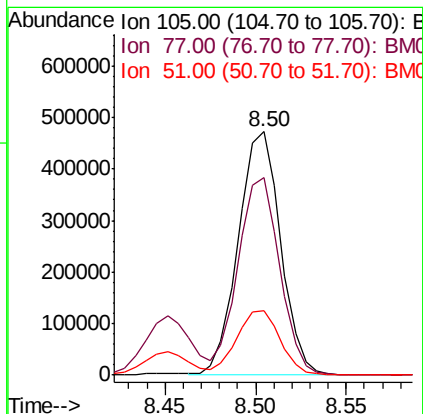
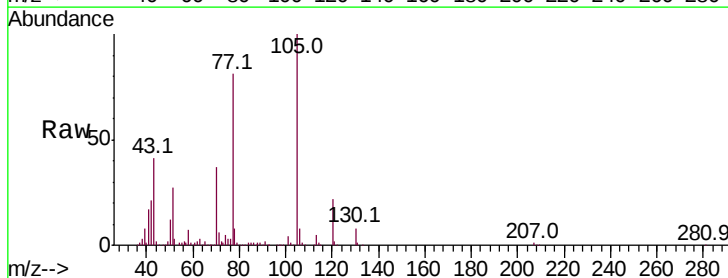
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BNA_M
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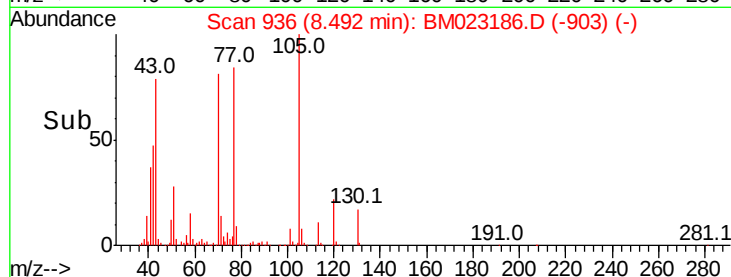
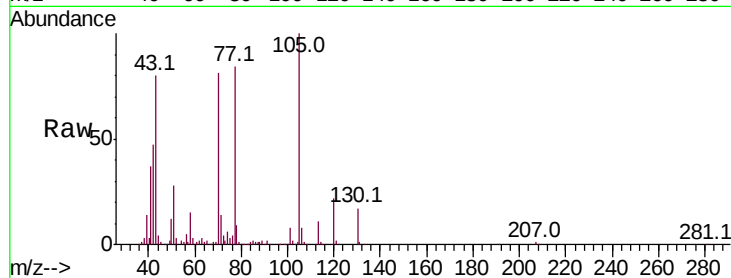
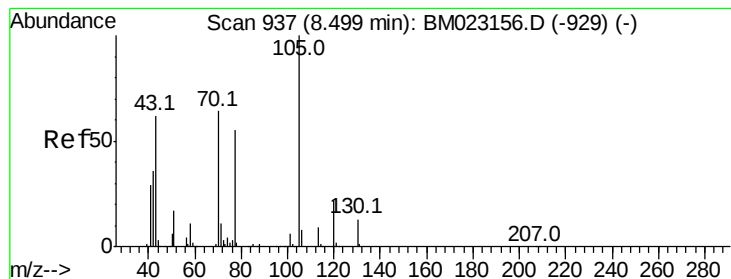
Tot Ion	Ratio	Lower	Upper
45	100		
77	13.7	12.0	18.0
79	10.3	9.0	13.4



#14
Acetophenone
Concen: 20.030 ng/ul
RT: 8.50 min Scan# 938
Delta R.T. 0.00 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

Tgt Ion	Ratio	Lower	Upper
105	100		
77	81.2	63.9	95.9
51	26.5	21.6	32.4





#15

N-Nitroso-di-n-propylamine

Concen: 19.676 ng/u1

RT: 8.49 min Scan# 936

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 415533

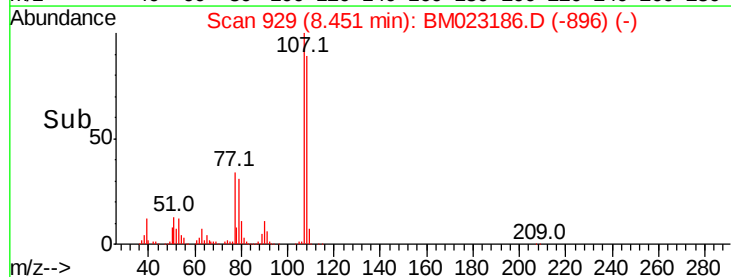
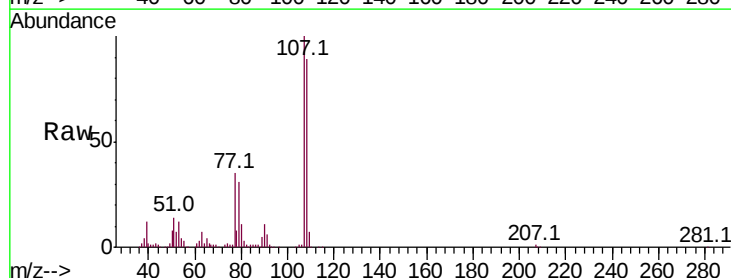
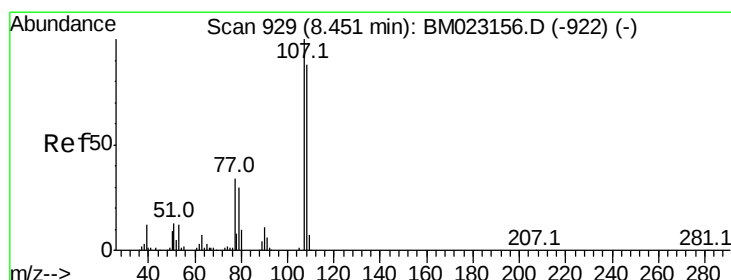
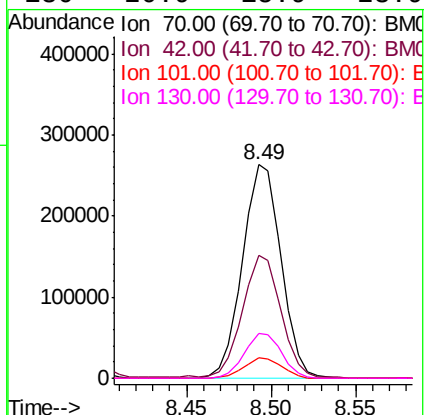
Ion Ratio Lower Upper

70 100

42 57.5 45.4 68.0

101 9.5 7.4 11.0

130 20.9 15.9 23.9



#16

4-Methylphenol

Concen: 19.463 ng/u1

RT: 8.45 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM023186.D

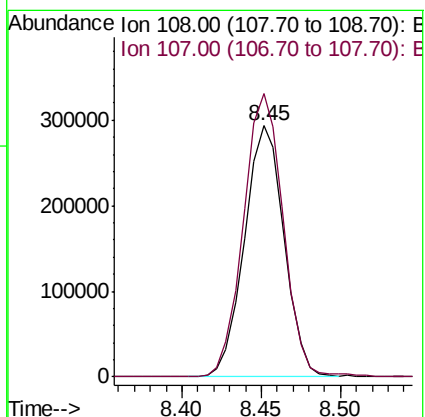
Acq: 16 Oct 2019 02:56

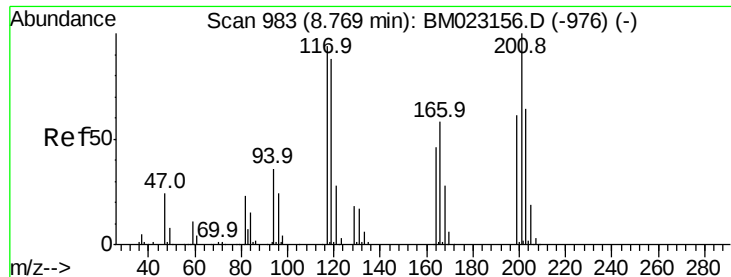
Tgt Ion:108 Resp: 510819

Ion Ratio Lower Upper

108 100

107 112.6 89.3 133.9





#17

Hexachloroethane

Concen: 20.058 ng/ul

RT: 8.76 min Scan# 982

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

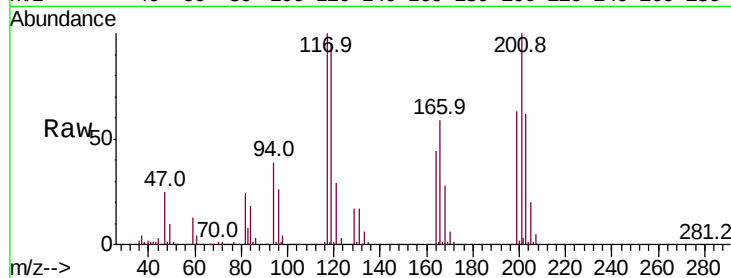
Tot Ion:117 Resp: 194735

Ion Ratio Lower Upper

117 100

201 100.2 89.4 134.2

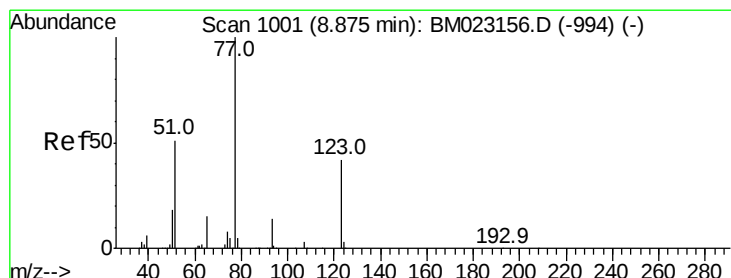
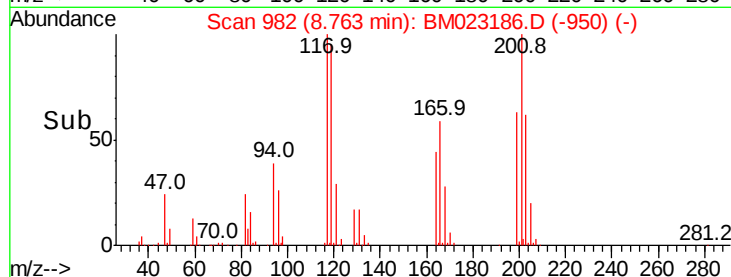
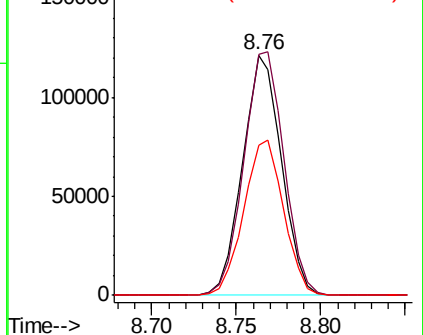
199 62.7 56.3 84.5



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: 20.173 ng/ul

RT: 8.87 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

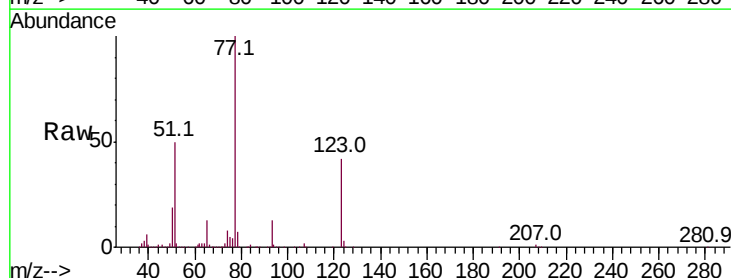
Tgt Ion: 77 Resp: 561621

Ion Ratio Lower Upper

77 100

123 41.9 32.7 49.1

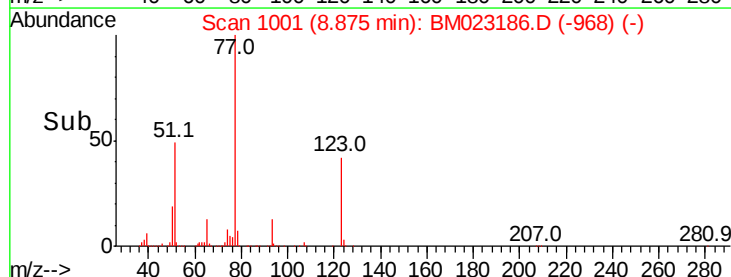
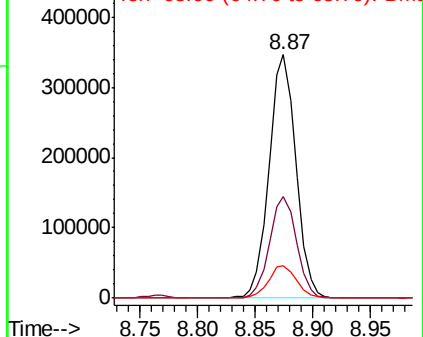
65 13.1 10.3 15.5

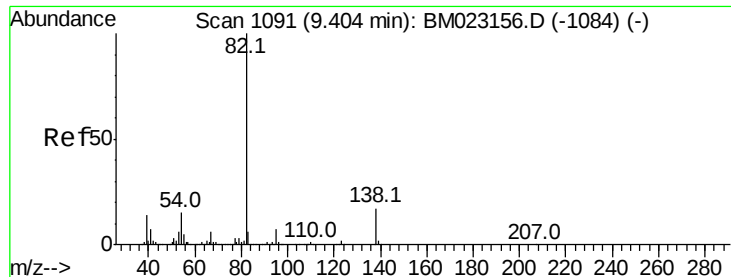


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.263 ng/ul

RT: 9.40 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampled :

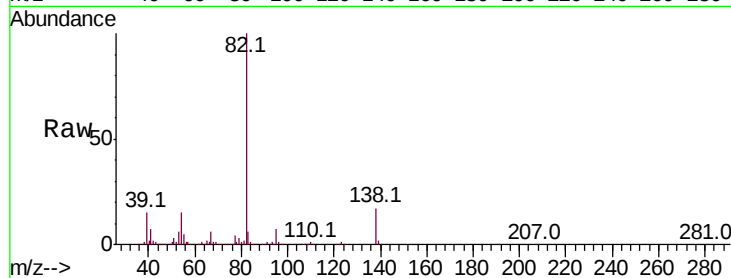
Tot Ion: 82 Resp: 1153582

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.4

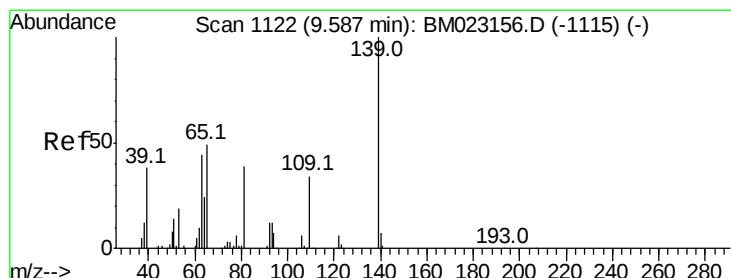
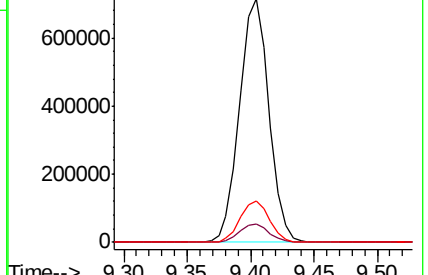
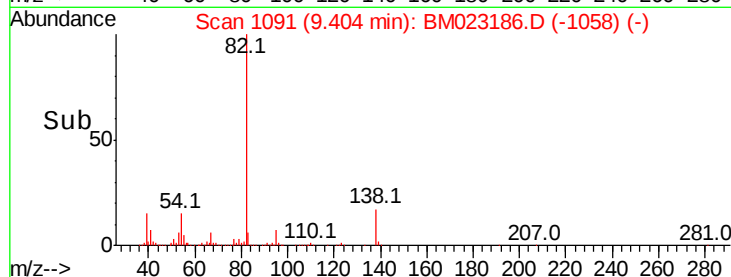
138 17.2 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM023156.D (-1084) (-)

Ion 95.00 (94.70 to 95.70): BM023156.D (-1084) (-)

Ion 138.00 (137.70 to 138.70): BM023156.D (-1084) (-)



#23

2-Nitrophenol

Concen: 20.828 ng/ul

RT: 9.59 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

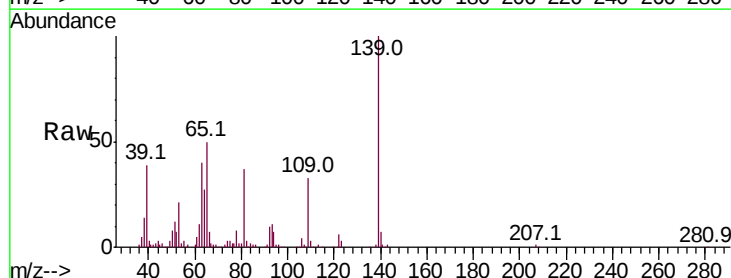
Tgt Ion: 139 Resp: 237847

Ion Ratio Lower Upper

139 100

65 50.2 41.2 61.8

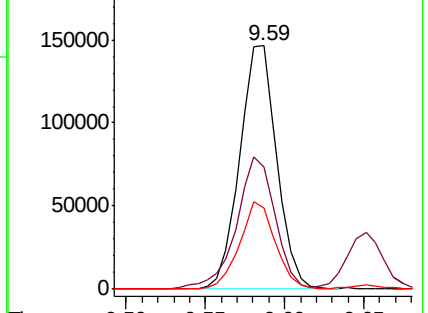
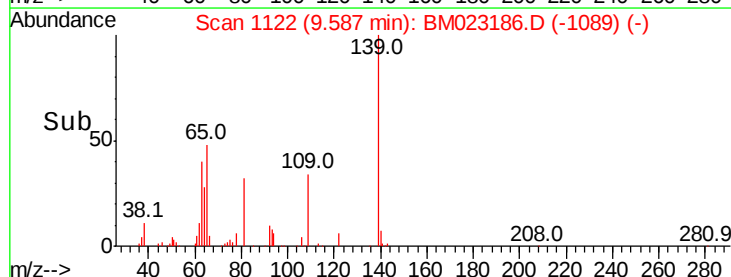
109 33.2 27.7 41.5

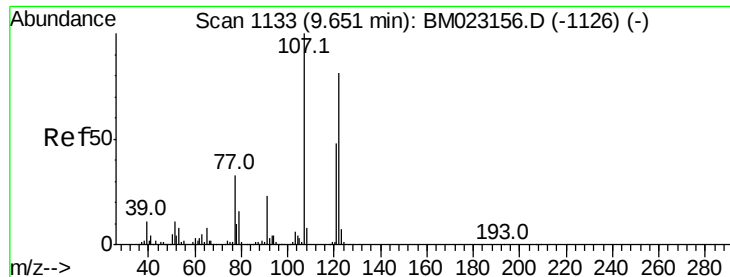


Abundance Ion 139.00 (138.70 to 139.70): BM023156.D (-1115) (-)

Ion 65.00 (64.70 to 65.70): BM023156.D (-1115) (-)

Ion 109.00 (108.70 to 109.70): BM023156.D (-1115) (-)

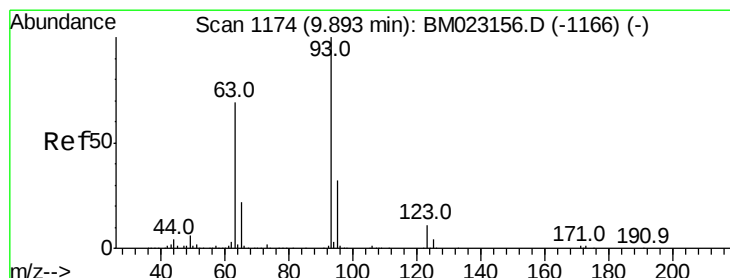
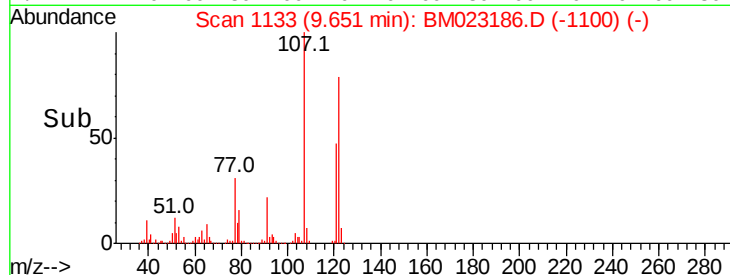
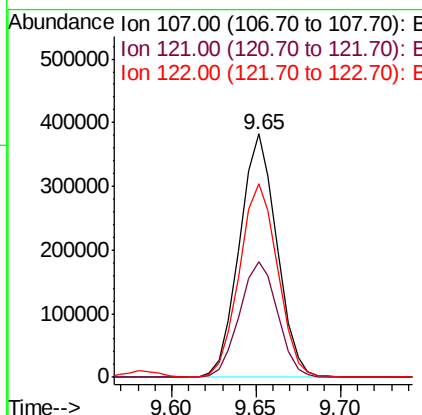
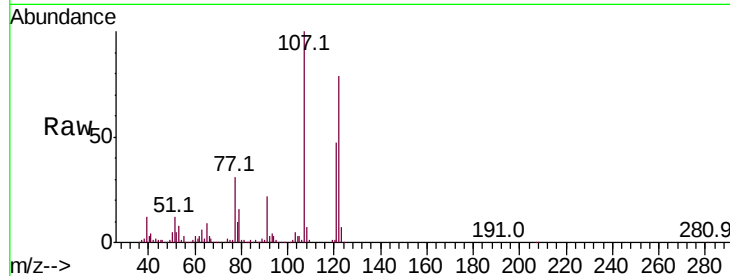




#24
 2,4-Dimethylphenol
 Concen: 19.443 ng/ul
 RT: 9.65 min Scan# 1133
 Delta R.T. -0.01 min
 Lab File: BM023186.D
 Acq: 16 Oct 2019 02:56

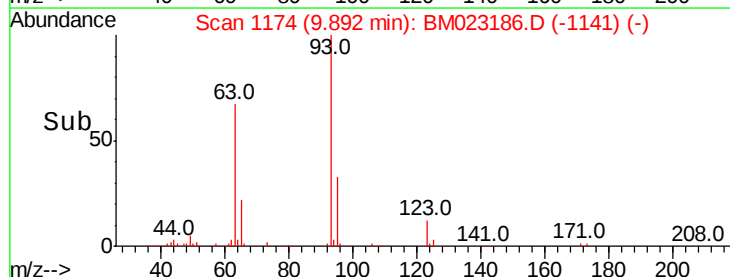
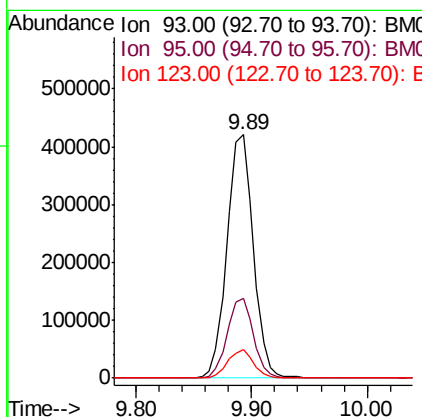
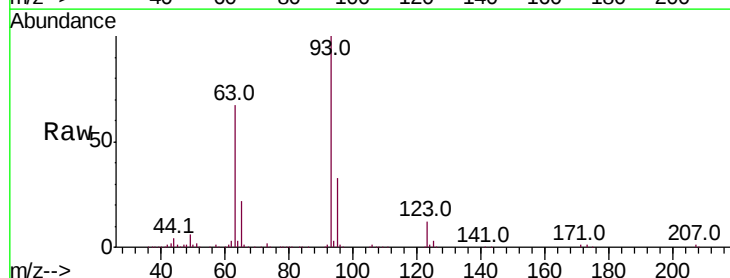
Instrument :
 BNA_M
 ClientSampleId :

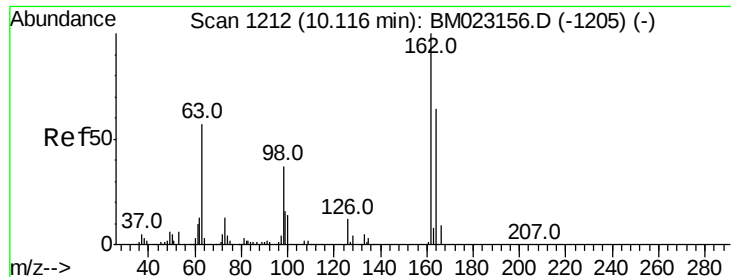
Tot Ion:107 Resp: 590143
 Ion Ratio Lower Upper
 107 100
 121 47.4 39.0 58.4
 122 79.4 64.7 97.1



#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.042 ng/ul
 RT: 9.89 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BM023186.D
 Acq: 16 Oct 2019 02:56

Tgt Ion: 93 Resp: 666551
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.7 40.1
 123 11.5 9.4 14.0





#27

2,4-Dichlorophenol

Concen: 19.519 ng/ul

RT: 10.12 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

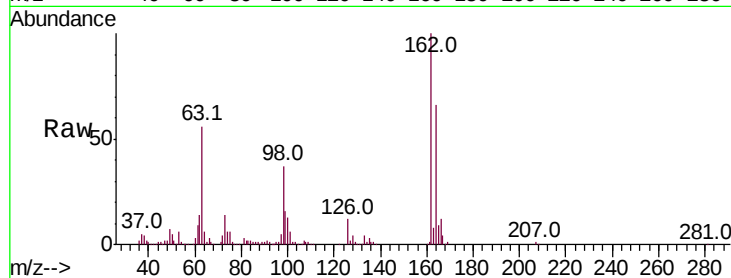
Tot Ion:162 Resp: 481220

Ion Ratio Lower Upper

162 100

164 65.6 54.2 81.2

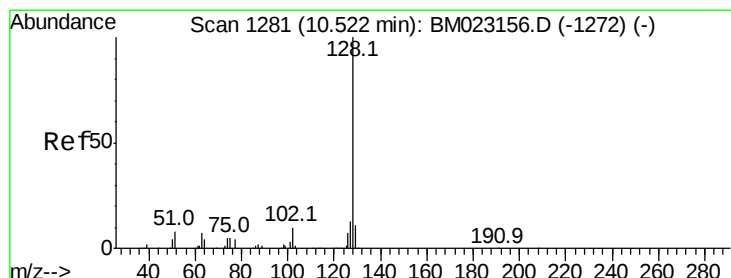
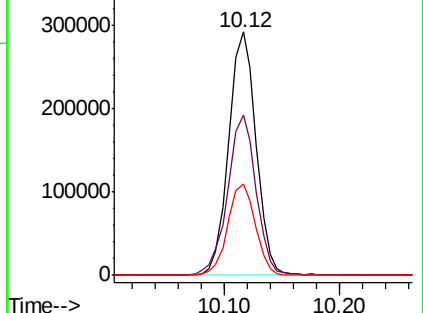
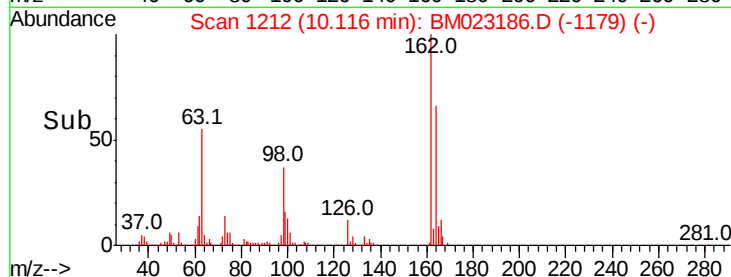
98 37.5 31.3 46.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.611 ng/ul

RT: 10.52 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

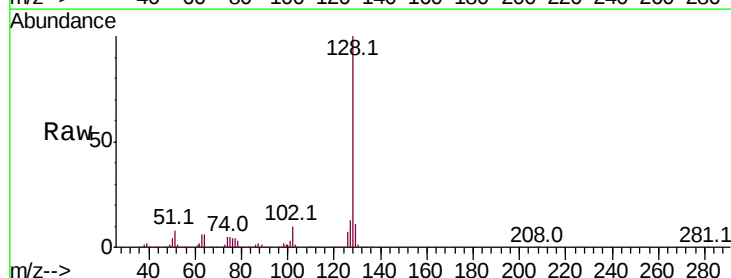
Tgt Ion:128 Resp: 1561112

Ion Ratio Lower Upper

128 100

129 11.4 8.3 12.5

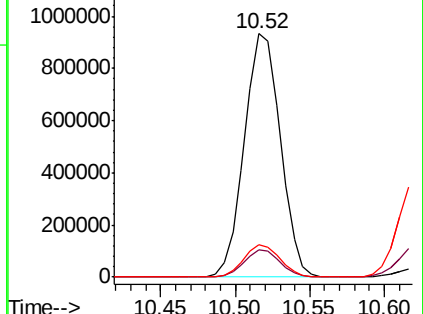
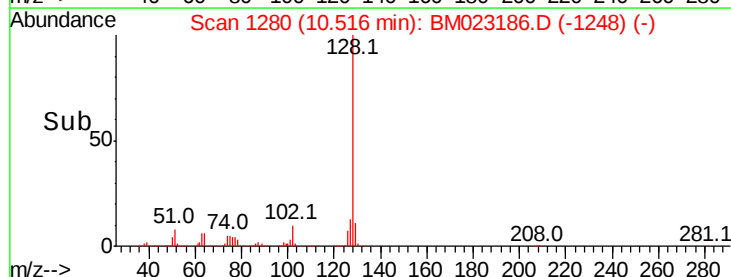
127 13.2 10.2 15.4

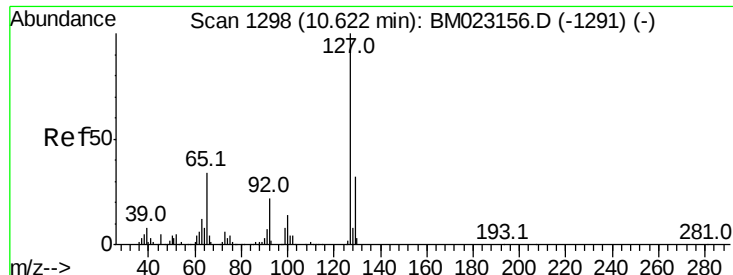


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

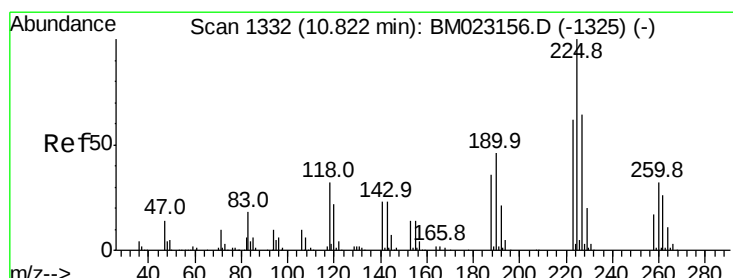
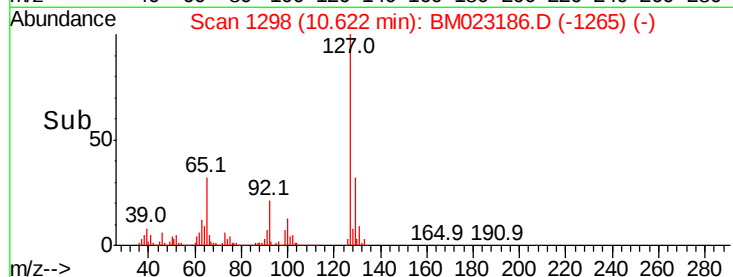
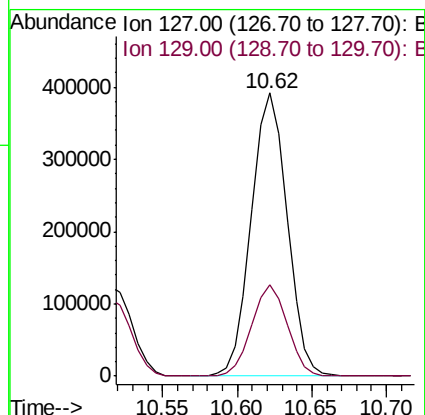
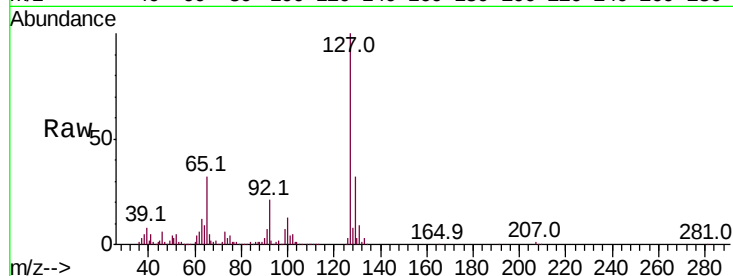




#30
4-Chloroaniline
Concen: 20.540 ng/ul
RT: 10.62 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

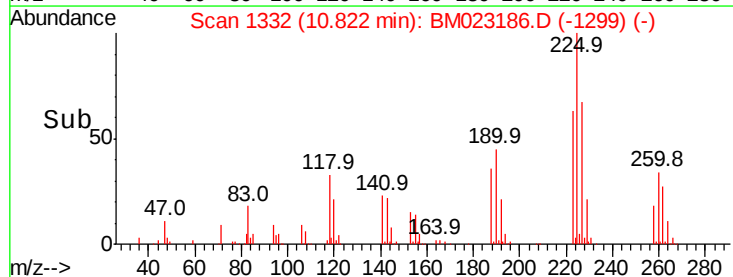
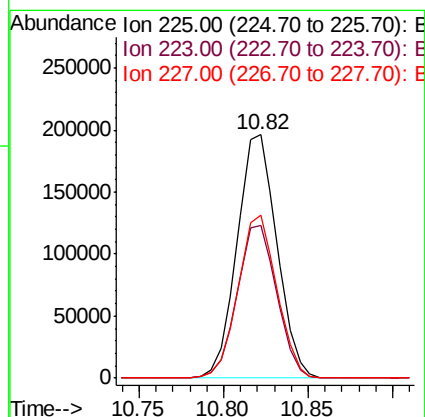
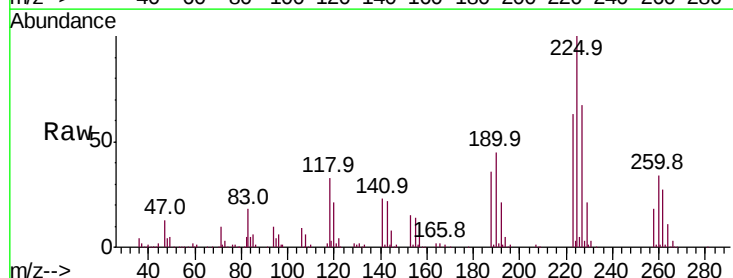
Instrument :
BNA_M
ClientSampleId :

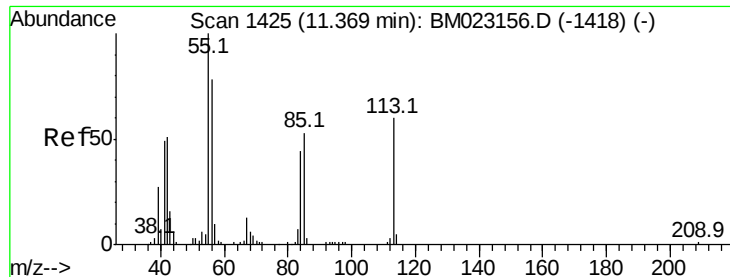
Tot Ion:127 Resp: 652330
Ion Ratio Lower Upper
127 100
129 32.3 26.3 39.5



#31
Hexachlorobutadiene
Concen: 19.398 ng/ul
RT: 10.82 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

Tgt Ion:225 Resp: 322161
Ion Ratio Lower Upper
225 100
223 62.6 49.2 73.8
227 66.9 50.2 75.2





#32

Caprolactam

Concen: 18.511 ng/ul

RT: 11.37 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

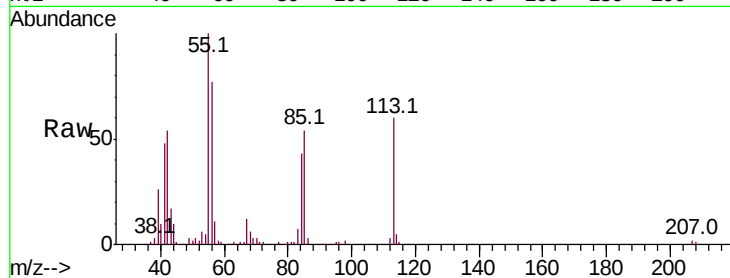
Tot Ion:113 Resp: 163865

Ion Ratio Lower Upper

113 100

55 167.1 145.0 217.6

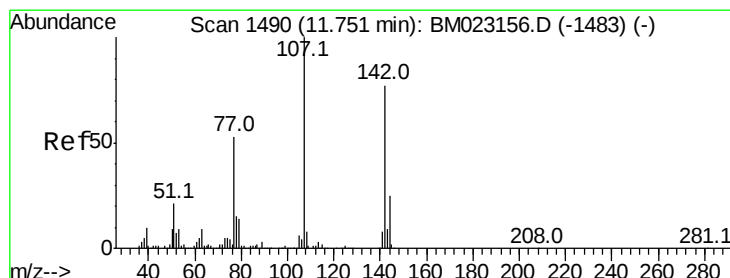
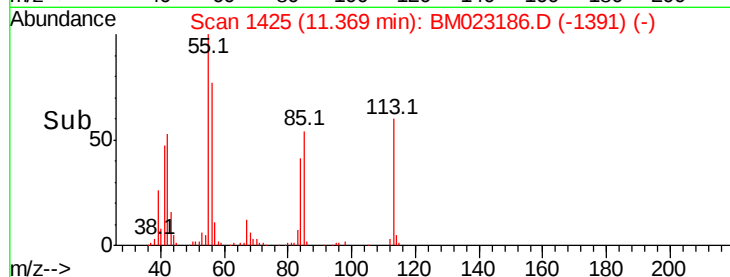
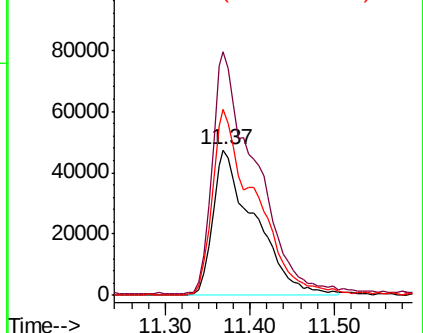
56 128.0 103.0 154.6



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: 19.213 ng/ul

RT: 11.75 min Scan# 1490

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

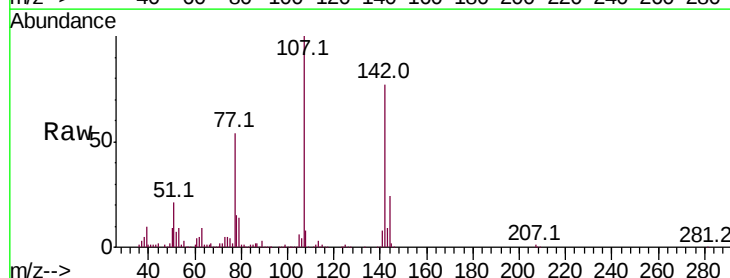
Tgt Ion:107 Resp: 542773

Ion Ratio Lower Upper

107 100

144 24.3 20.8 31.2

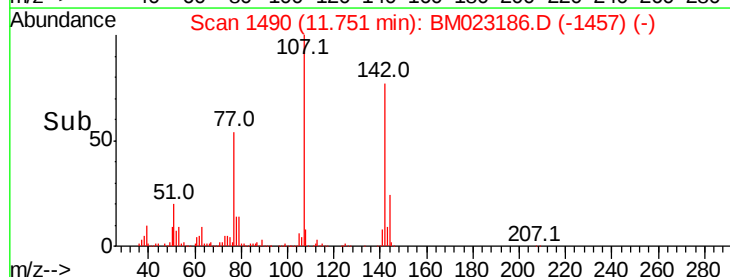
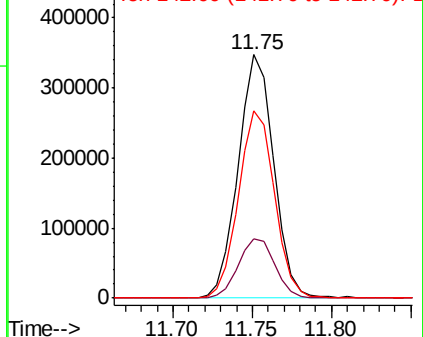
142 77.1 63.2 94.8

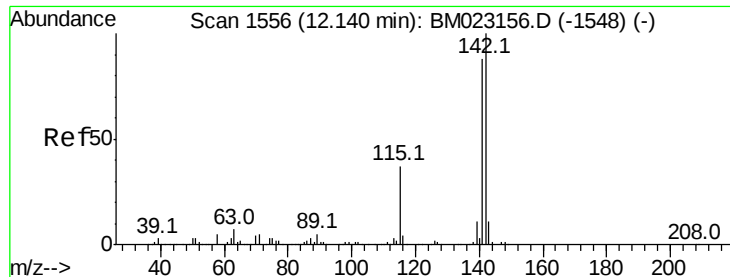


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

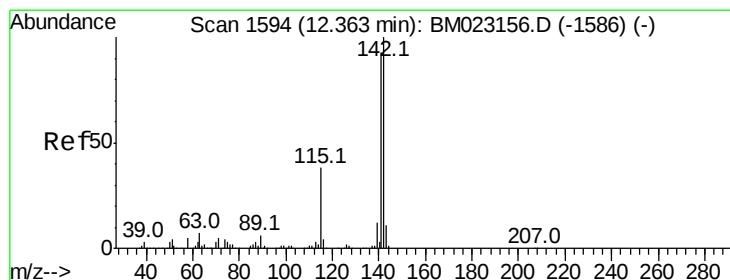
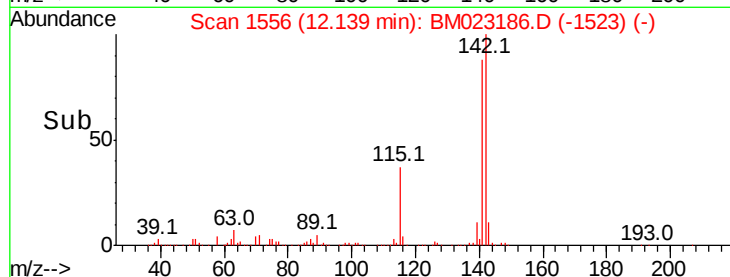
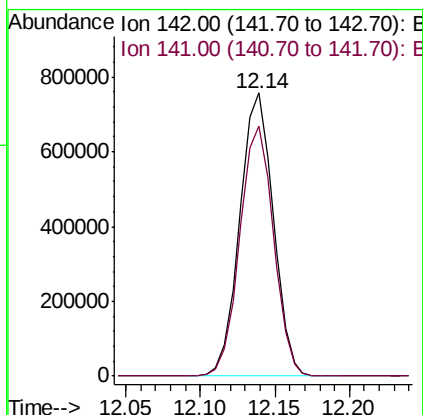
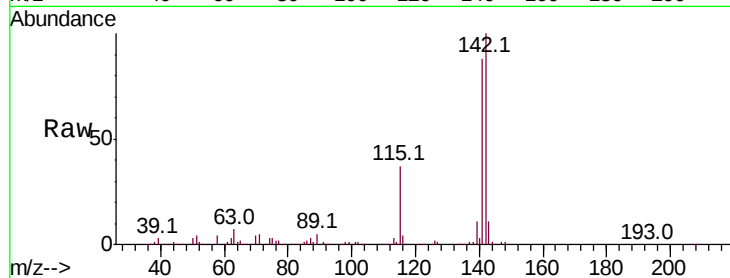




#34
2-Methylnaphthalene
Concen: 19.908 ng/ul
RT: 12.14 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

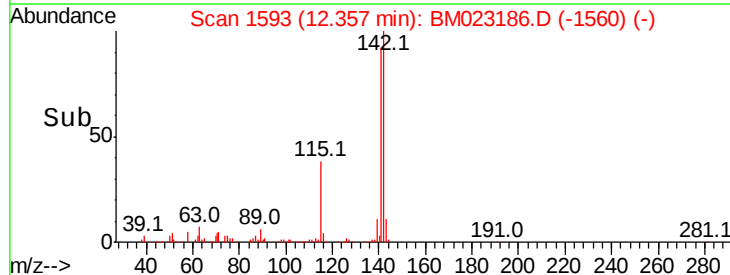
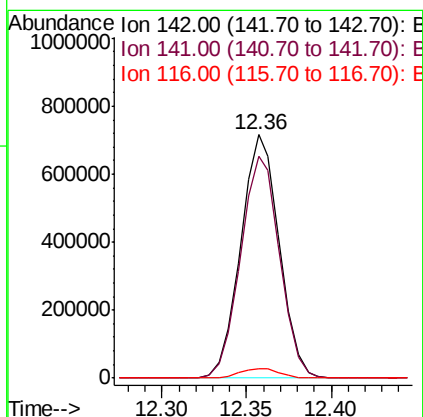
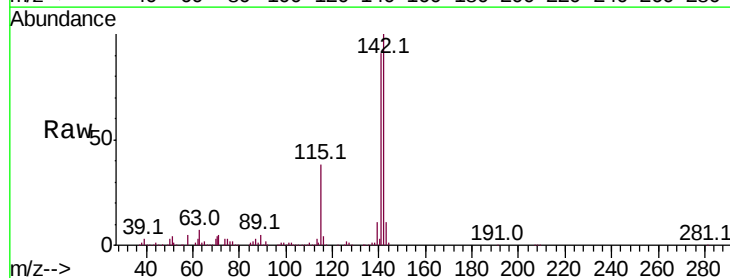
Instrument :
BNA_M
ClientSampleId :

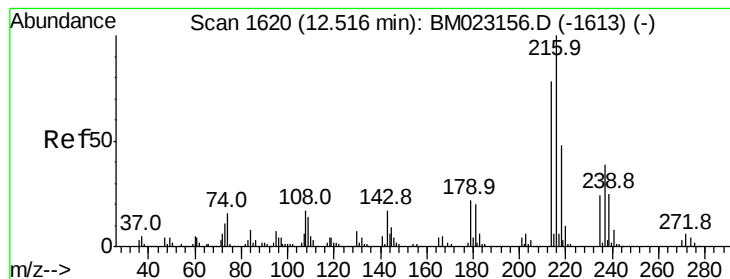
Tot Ion:142 Resp: 1179247
Ion Ratio Lower Upper
142 100
141 88.4 72.1 108.1



#35
1-Methylnaphthalene
Concen: 19.713 ng/ul
RT: 12.36 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

Tgt Ion:142 Resp: 1130075
Ion Ratio Lower Upper
142 100
141 91.2 74.2 111.2
116 3.9 3.3 4.9





#37

1,2,4,5-Tetrachlorobenzene

Concen: 19.429 ng/ul

RT: 12.51 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 640604

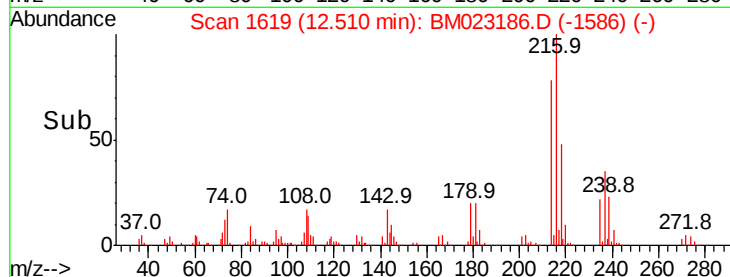
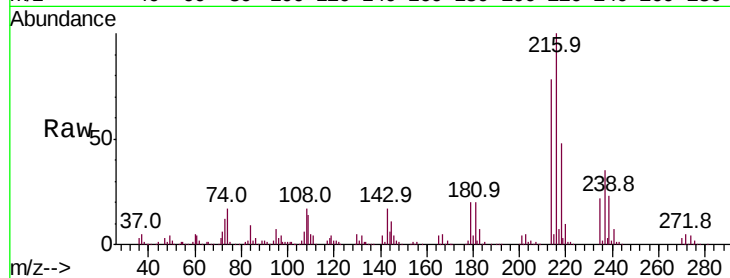
Ion Ratio Lower Upper

216 100

214 78.2 63.1 94.7

179 20.4 17.0 25.6

108 16.7 13.7 20.5

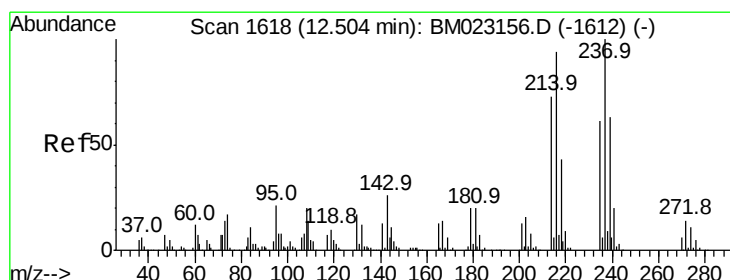
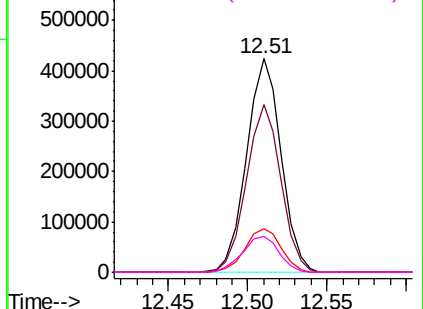


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38

Hexachlorocyclopentadiene

Concen: 16.640 ng/ul

RT: 12.50 min Scan# 1618

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

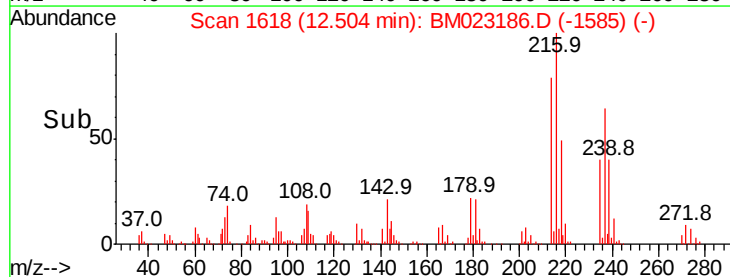
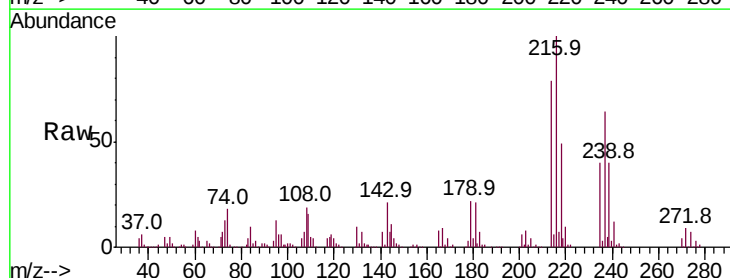
Tgt Ion:237 Resp: 332011

Ion Ratio Lower Upper

237 100

235 62.3 50.1 75.1

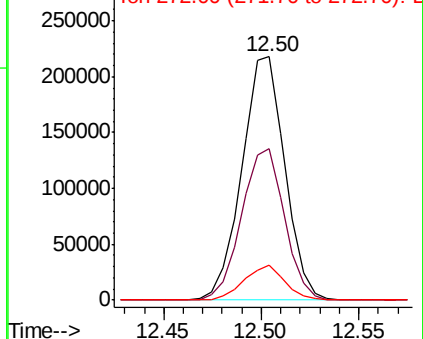
272 14.3 10.9 16.3

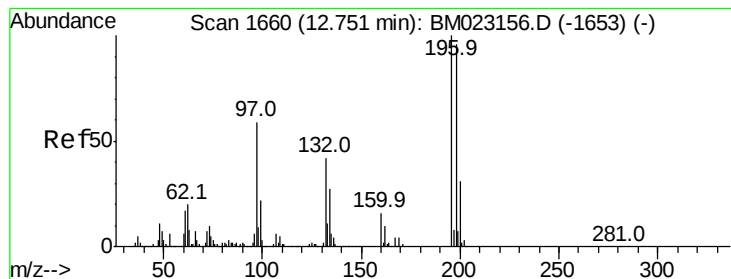


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E





#39

2,4,6-Trichlorophenol

Concen: 19.404 ng/ul

RT: 12.75 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

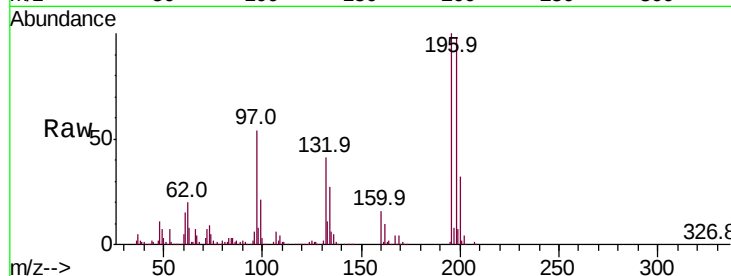
Tot Ion:196 Resp: 393408

Ion Ratio Lower Upper

196 100

198 97.9 78.0 117.0

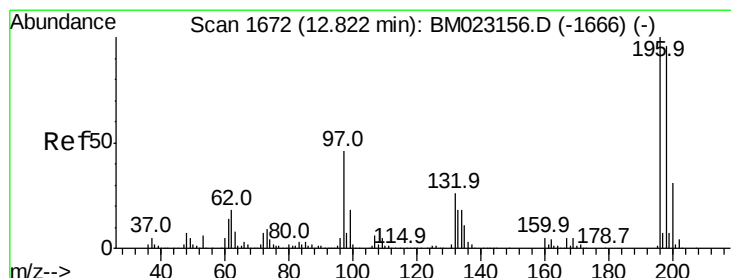
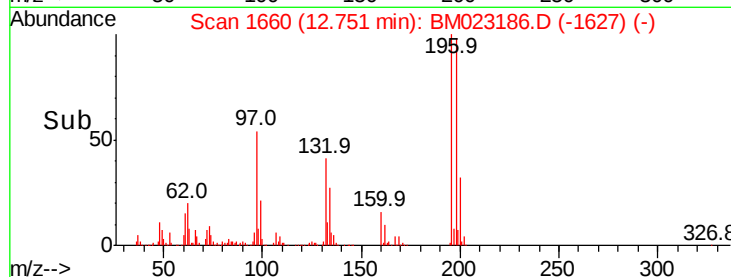
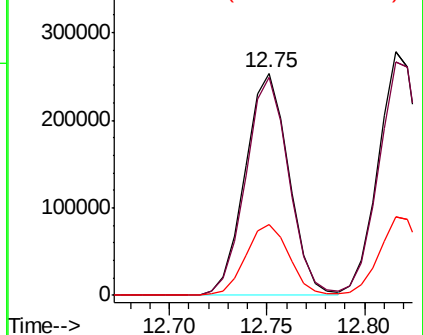
200 31.8 24.6 36.8



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



#40

2,4,5-Trichlorophenol

Concen: 19.298 ng/ul

RT: 12.82 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

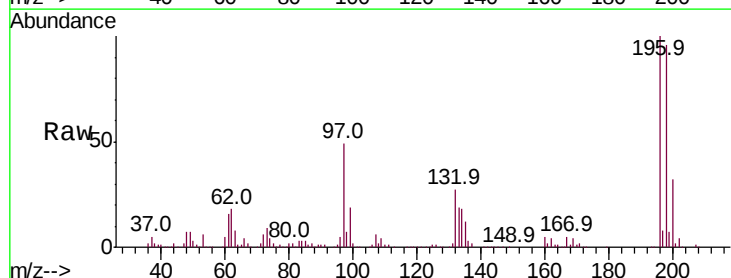
Tgt Ion:196 Resp: 420609

Ion Ratio Lower Upper

196 100

198 96.0 77.4 116.2

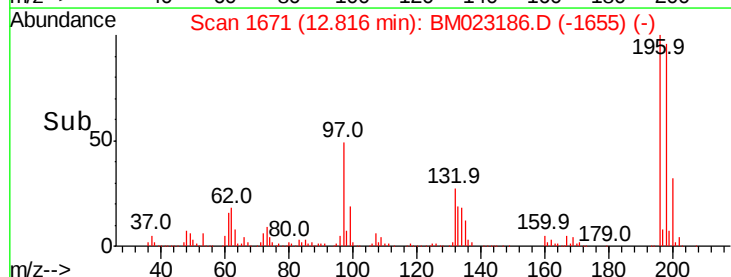
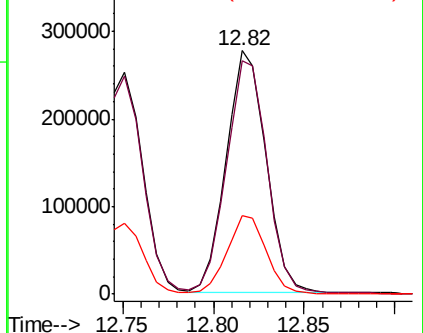
200 32.2 25.0 37.6

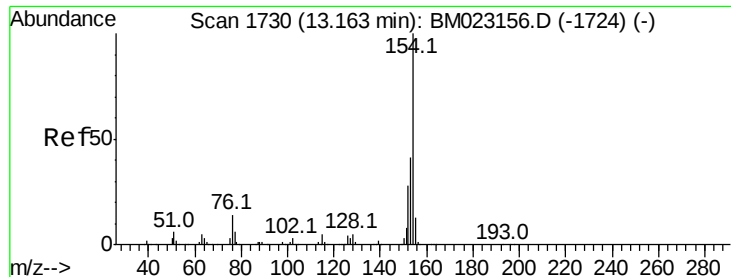


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#41

1,1'-Biphenyl

Concen: 19.828 ng/ul

RT: 13.16 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

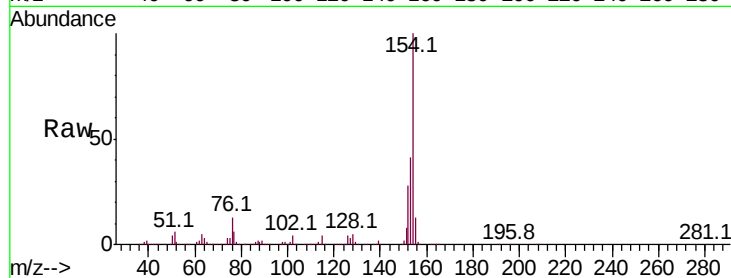
Instrument :

BNA_M

ClientSampleId :

Tot Ion:154 Resp: 1537787

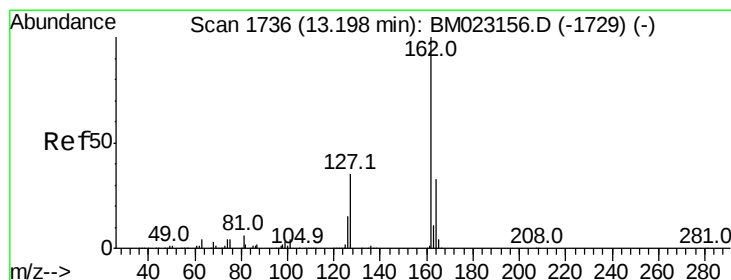
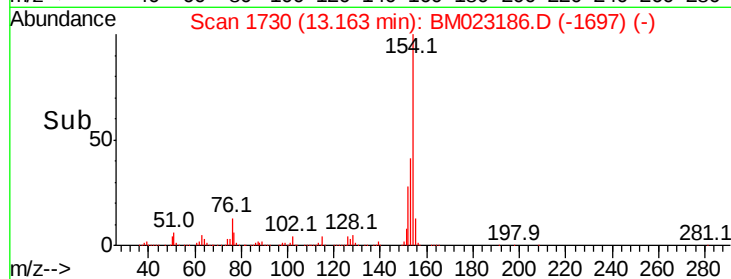
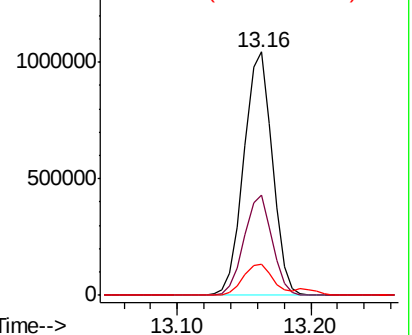
Ion	Ratio	Lower	Upper
154	100		
153	41.0	33.1	49.7
76	12.6	10.6	15.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#42

2-Chloronaphthalene

Concen: 19.808 ng/ul

RT: 13.20 min Scan# 1736

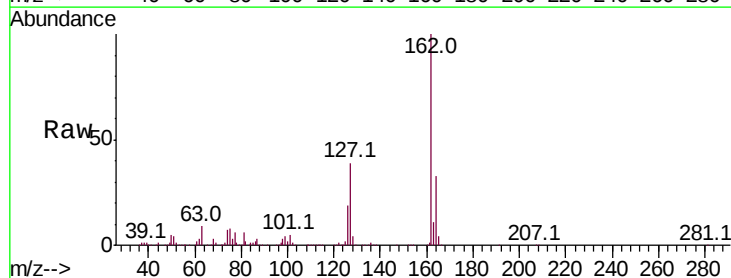
Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Tgt Ion:162 Resp: 1189785

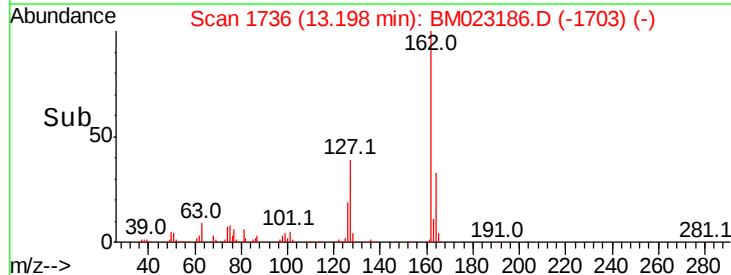
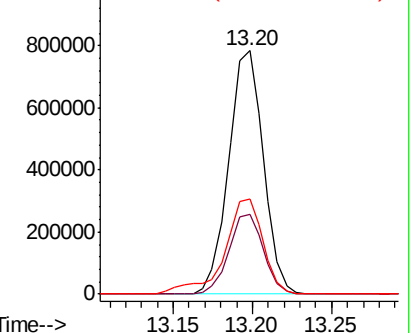
Ion	Ratio	Lower	Upper
162	100		
164	32.6	26.0	39.0
127	38.8	30.6	46.0

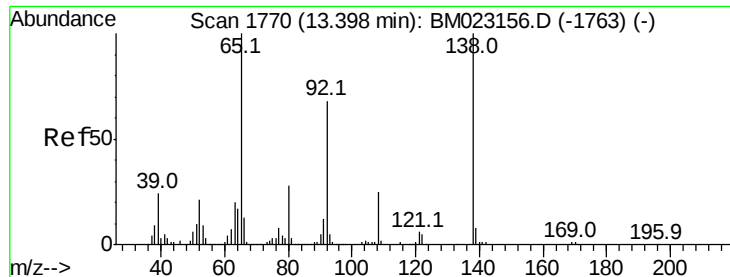


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 22.044 ng/ul

RT: 13.39 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

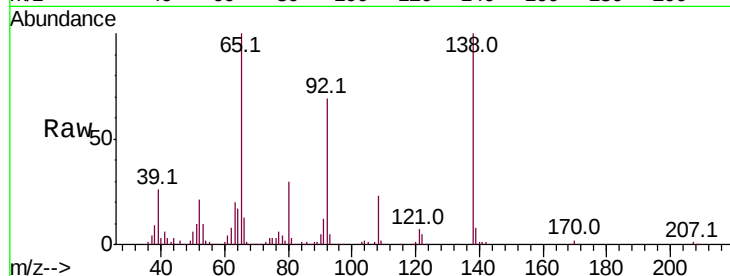
Tot Ion: 65 Resp: 310297

Ion Ratio Lower Upper

65 100

92 69.1 53.3 79.9

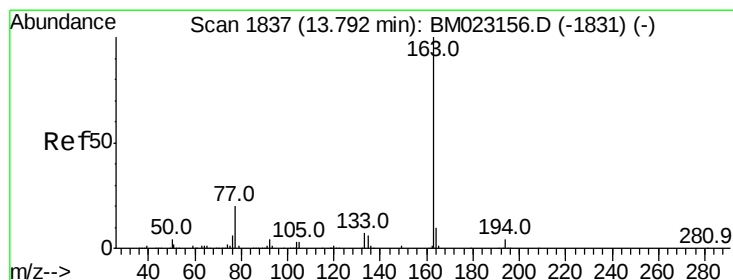
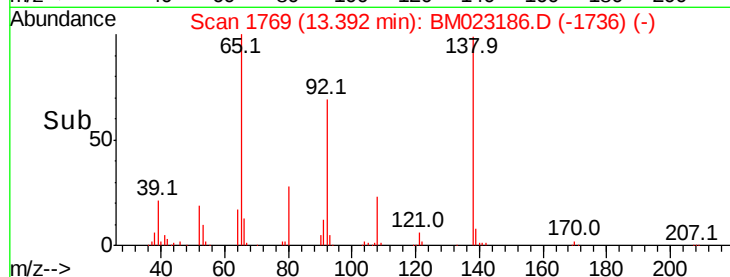
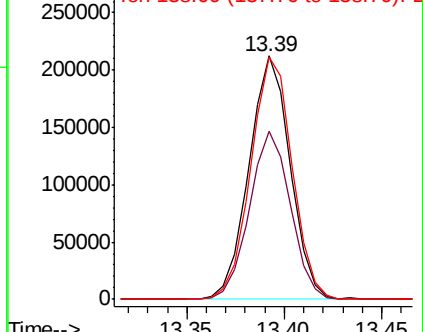
138 99.6 76.5 114.7



Abundance Ion 65.00 (64.70 to 65.70): BM023186.D (-1763) (-)

Ion 92.00 (91.70 to 92.70): BM023186.D (-1763) (-)

Ion 138.00 (137.70 to 138.70): BM023186.D (-1763) (-)



#45

Dimethylphthalate

Concen: 19.368 ng/ul

RT: 13.79 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

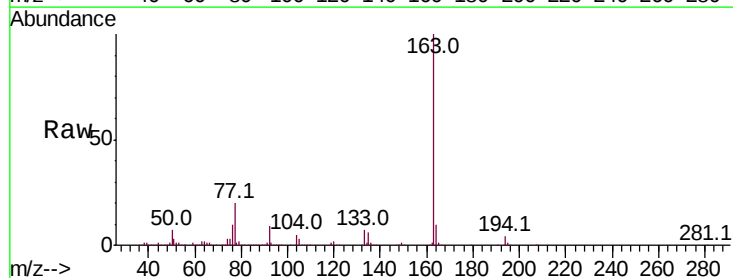
Tgt Ion:163 Resp: 1514248

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

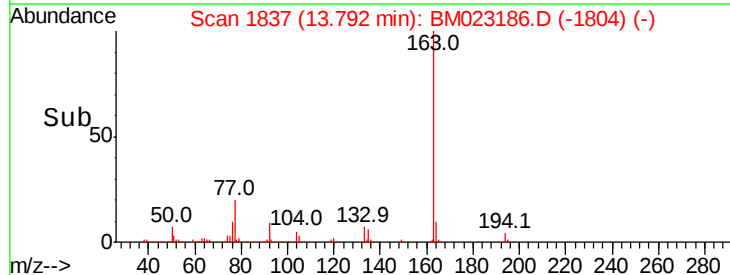
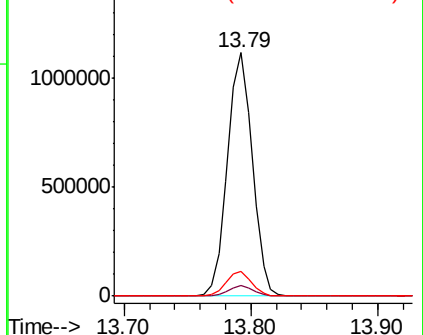
164 10.2 8.0 12.0

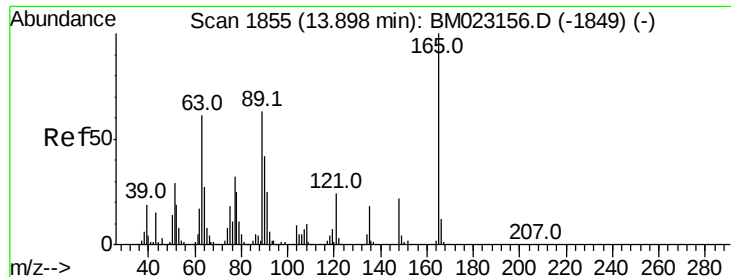


Abundance Ion 163.00 (162.70 to 163.70): BM023186.D (-1804) (-)

Ion 194.00 (193.70 to 194.70): BM023186.D (-1804) (-)

Ion 164.00 (163.70 to 164.70): BM023186.D (-1804) (-)

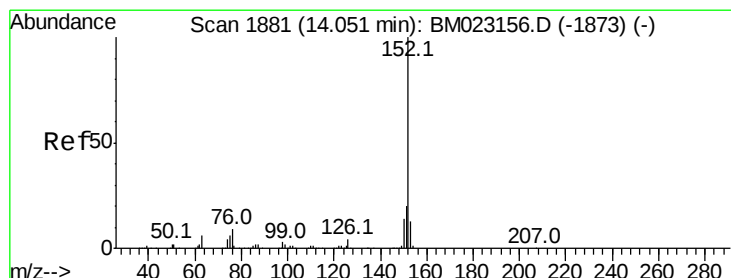
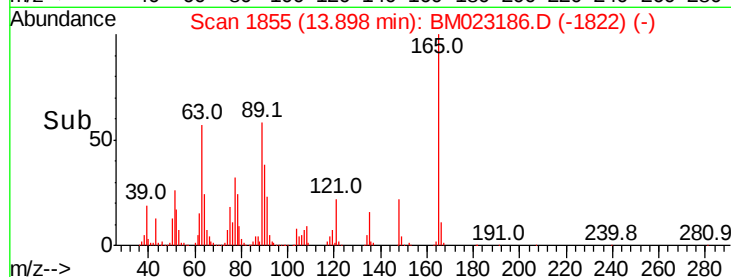
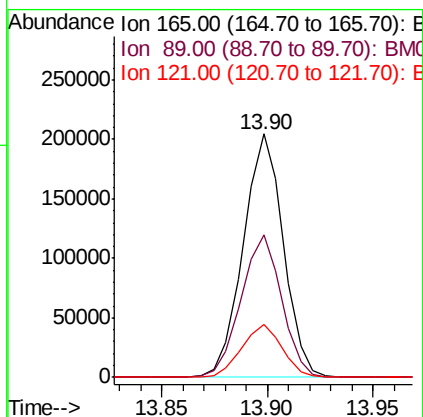
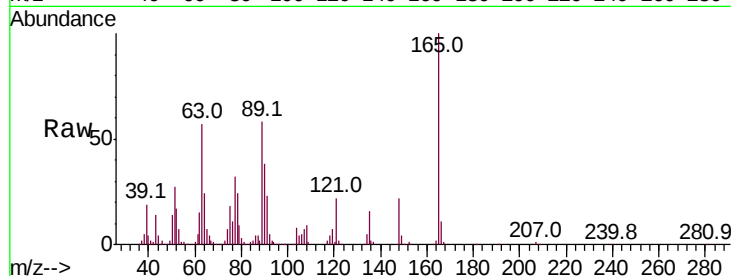




#46
2,6-Dinitrotoluene
Concen: 21.956 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

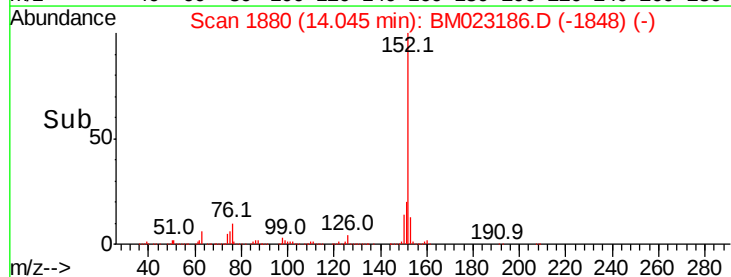
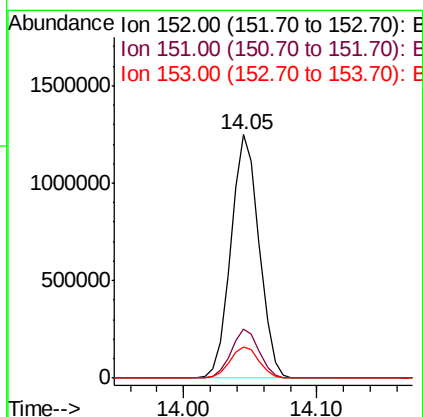
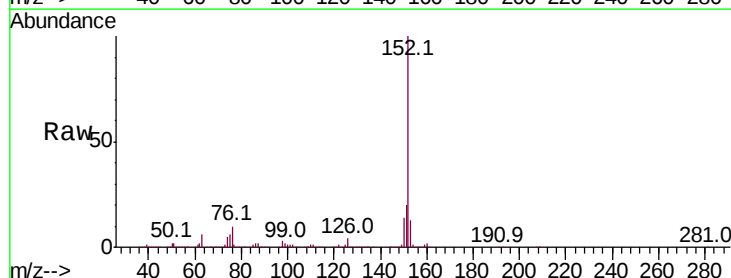
Instrument :
BNA_M
ClientSampleId :

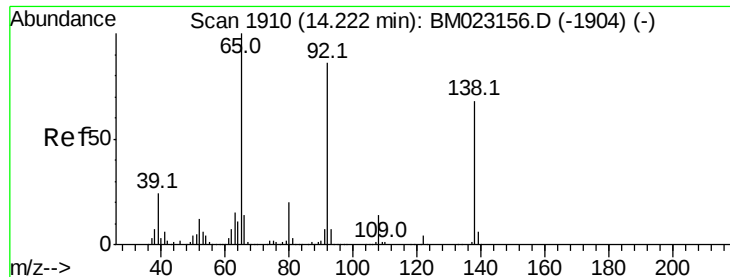
Tot Ion	Ratio	Lower	Upper
165	100		
89	58.4	46.8	70.2
121	21.7	18.4	27.6



#48
Acenaphthylene
Concen: 19.590 ng/ul
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	12.8	10.3	15.5





#49

3-Nitroaniline

Concen: 21.004 ng/ul

RT: 14.22 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

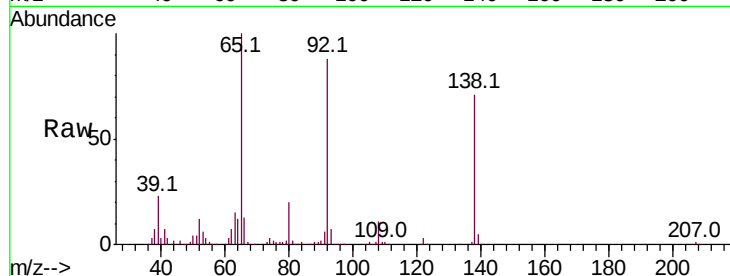
Tot Ion:138 Resp: 277831

Ion Ratio Lower Upper

138 100

108 15.3 16.1 24.1#

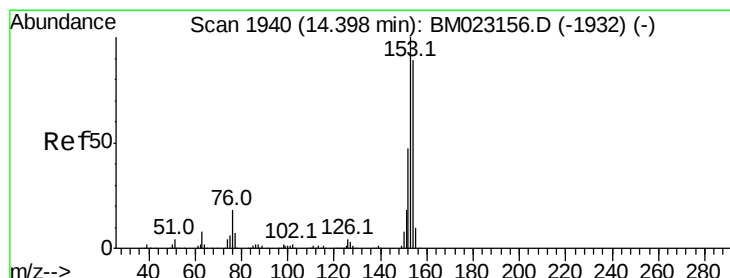
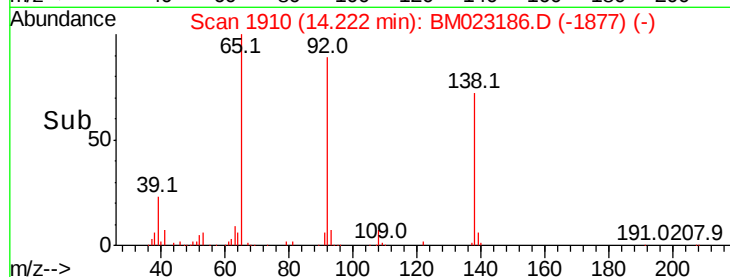
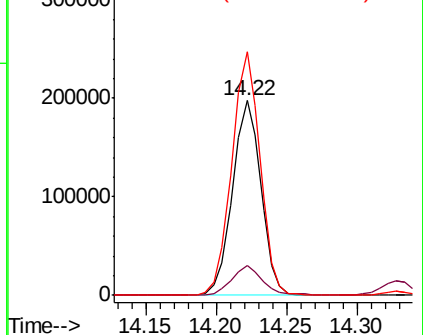
92 124.9 99.4 149.0



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): BM



#50

Acenaphthene

Concen: 19.607 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

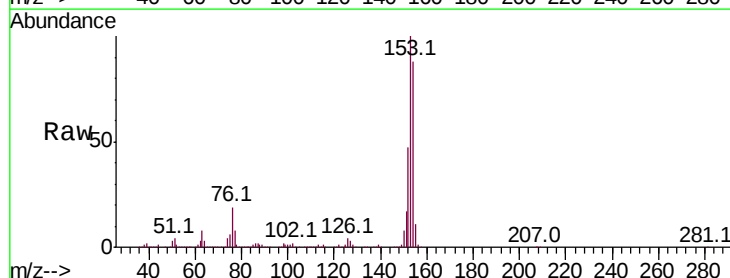
Tgt Ion:153 Resp: 1278884

Ion Ratio Lower Upper

153 100

152 46.8 38.0 57.0

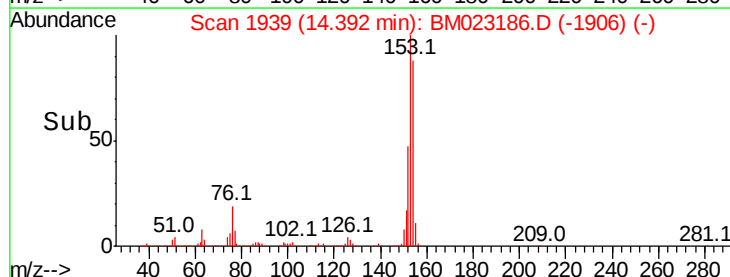
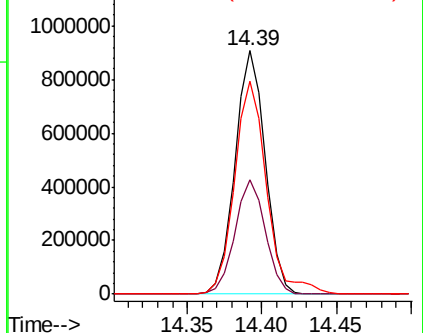
154 87.7 70.4 105.6

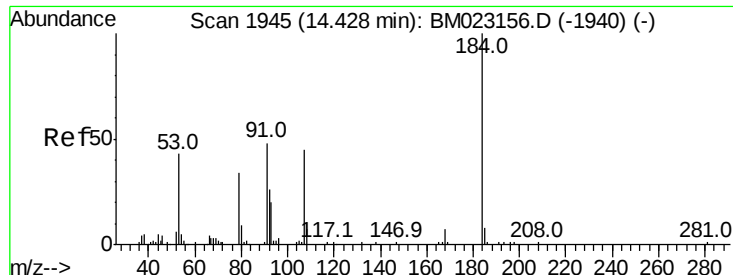


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

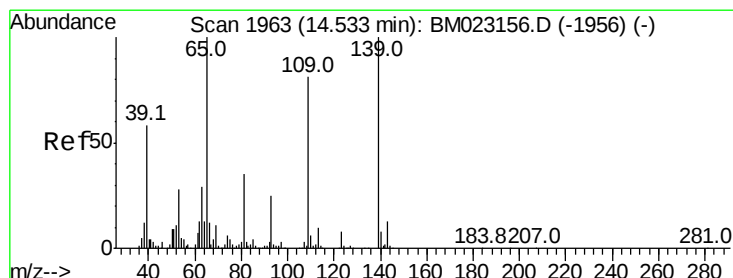
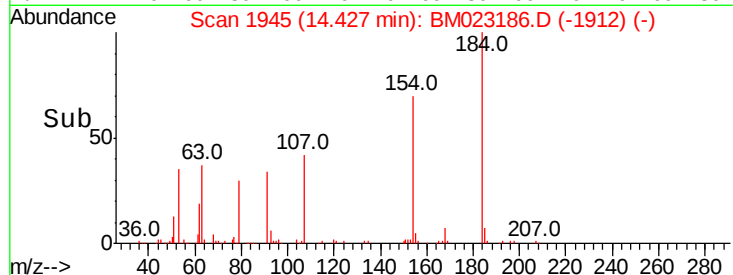
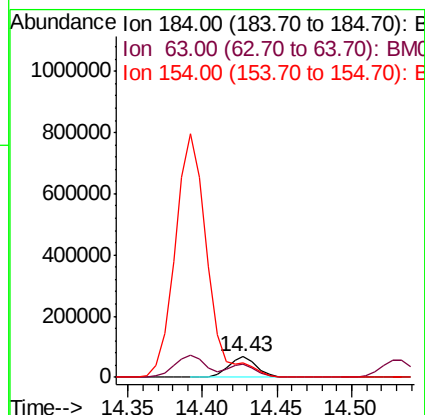
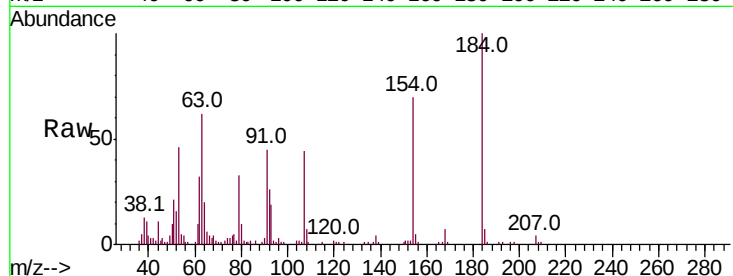




#51
2,4-Dinitrophenol
Concen: 16.472 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

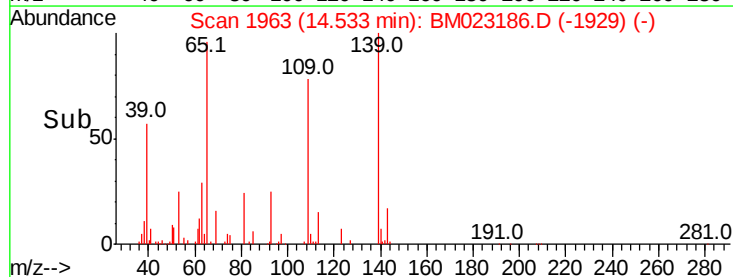
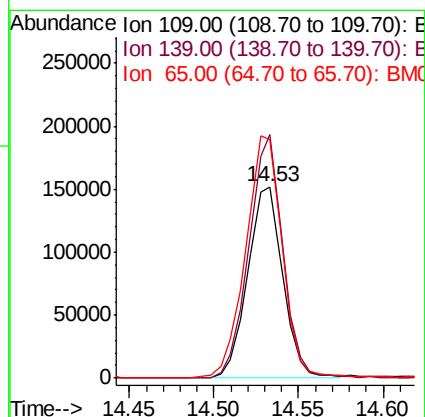
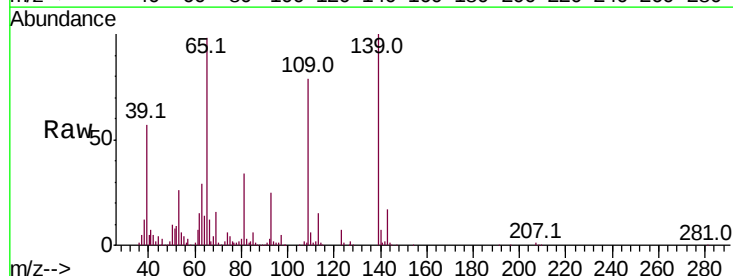
Instrument :
BNA_M
ClientSampleId :

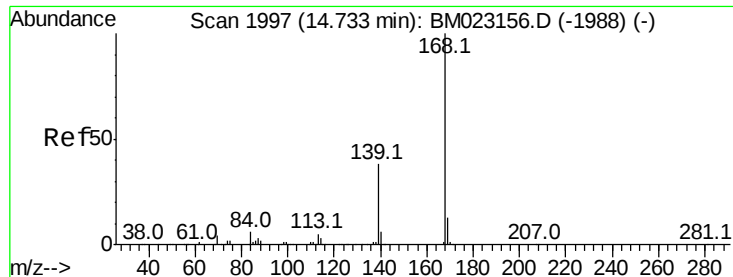
Tot Ion:184 Resp: 92107
Ion Ratio Lower Upper
184 100
63 61.5 52.8 79.2
154 69.7 53.0 79.6



#53
4-Nitrophenol
Concen: 19.376 ng/ul
RT: 14.53 min Scan# 1963
Delta R.T. 0.00 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

Tgt Ion:109 Resp: 220707
Ion Ratio Lower Upper
109 100
139 127.0 92.3 138.5
65 124.2 100.2 150.2





#54

Dibenzenofuran

Concen: 19.660 ng/ul

RT: 14.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

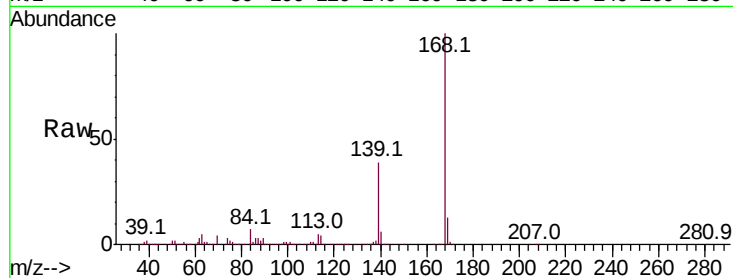
ClientSampled :

Tot Ion:168 Resp: 1820457

Ion Ratio Lower Upper

168 100

139 38.7 30.1 45.1



Abundance Ion 168.00 (167.70 to 168.70): E

1500000 Ion 139.00 (138.70 to 139.70): E

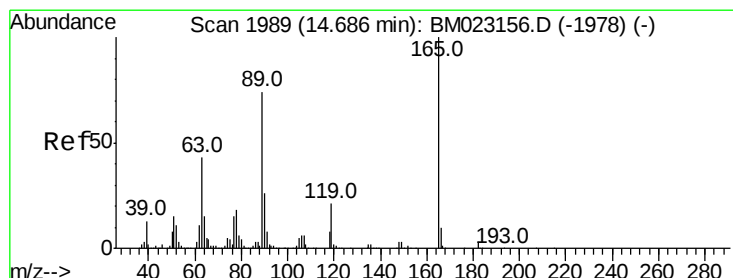
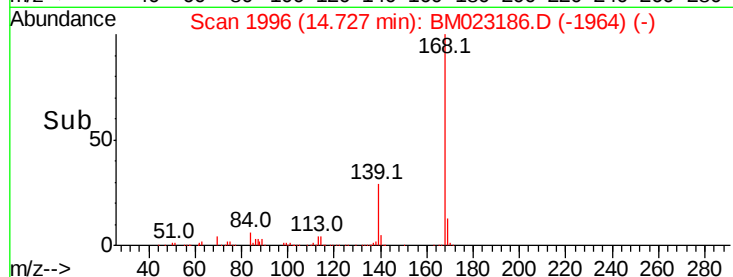
14.73

1000000

500000

0

Time--> 14.65 14.70 14.75



#55

2,4-Dinitrotoluene

Concen: 22.368 ng/ul

RT: 14.69 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

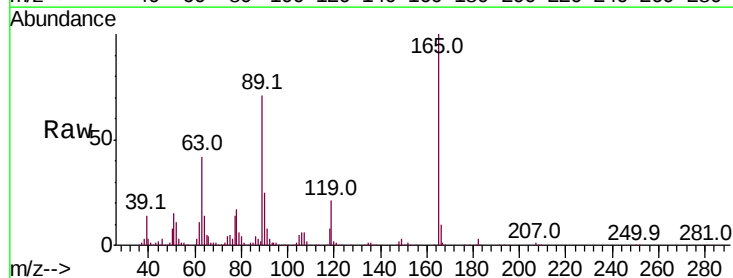
Tgt Ion:165 Resp: 401631

Ion Ratio Lower Upper

165 100

63 41.8 33.9 50.9

182 3.1 2.3 3.5



Abundance Ion 165.00 (164.70 to 165.70): E

400000 Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

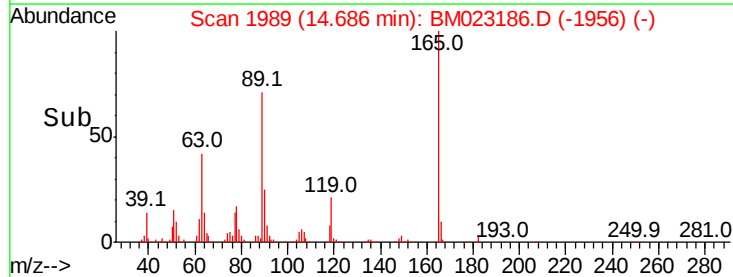
300000

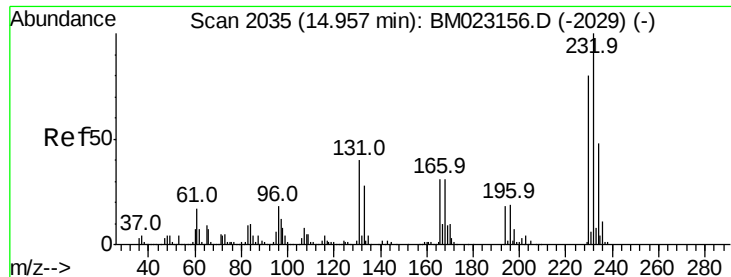
200000

100000

0

Time--> 14.60 14.65 14.70 14.75





#56

2,3,4,6-Tetrachlorophenol

Concen: 19.703 ng/ul

RT: 14.95 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

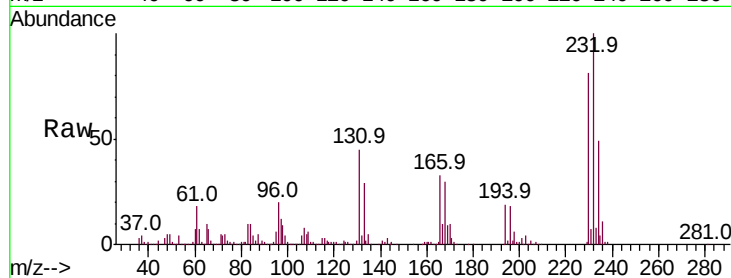
Instrument :

BNA_M

ClientSampleId :

Tot Ion:232 Resp: 373869

Ion	Ratio	Lower	Upper
232	100		
131	44.9	31.5	47.3
130	2.4	1.9	2.9
166	32.8	24.4	36.6

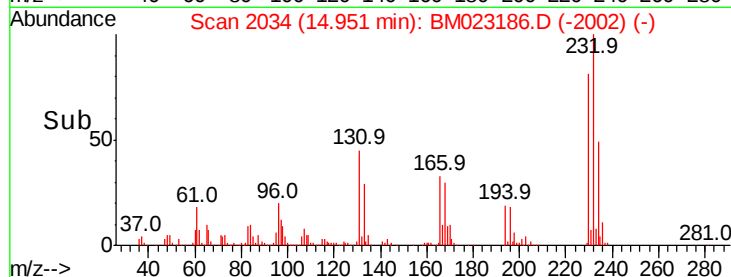


Abundance Ion 232.00 (231.70 to 232.70): E

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



Time-->

14.95

200000

100000

0

14.90 14.95 15.00 15.05

Time-->

14.95

200000

100000

0

14.90 14.95 15.00 15.05

Time-->

14.95

200000

100000

0

14.90 14.95 15.00 15.05

Time-->

14.95

200000

100000

0

14.90 14.95 15.00 15.05

Time-->

14.95

200000

100000

0

14.90 14.95 15.00 15.05

Time-->

14.95

200000

100000

0

14.90 14.95 15.00 15.05

Time-->

14.95

200000

100000

0

14.90 14.95 15.00 15.05

Time-->

14.95

200000

100000

0

14.90 14.95 15.00 15.05

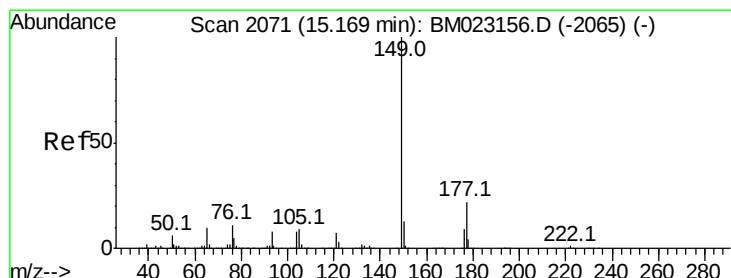
Time-->

14.95

200000

100000

0



#57

Diethylphthalate

Concen: 19.367 ng/ul

RT: 15.17 min Scan# 2071

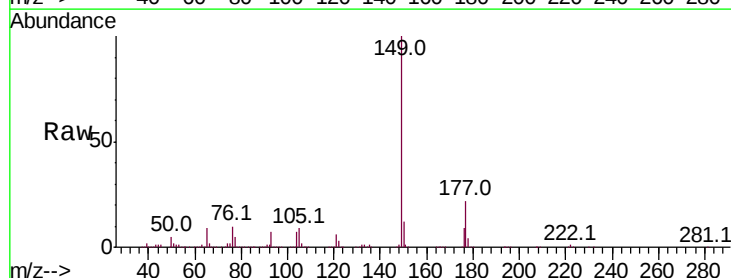
Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Tgt Ion:149 Resp: 1546432

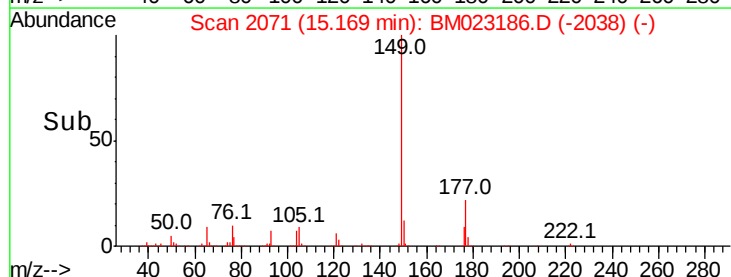
Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.8	26.8
150	12.2	9.9	14.9



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



Time-->

15.17

1500000

1000000

500000

0

15.10 15.15 15.20 15.25

Time-->

15.17

1500000

1000000

500000

0

15.10 15.15 15.20 15.25

Time-->

15.17

1500000

1000000

500000

0

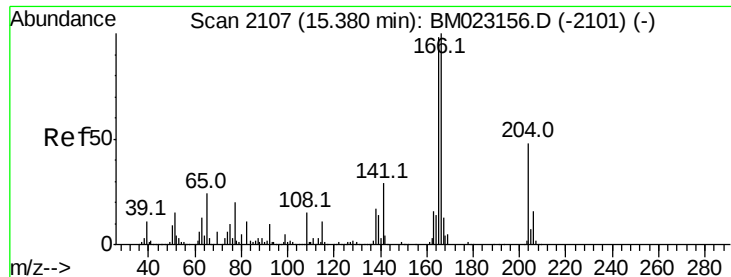
15.10 15.15 15.20 15.25

Time-->

15.17

1500000

1000000



#59

Fluorene

Concen: 19.679 ng/ul

RT: 15.38 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

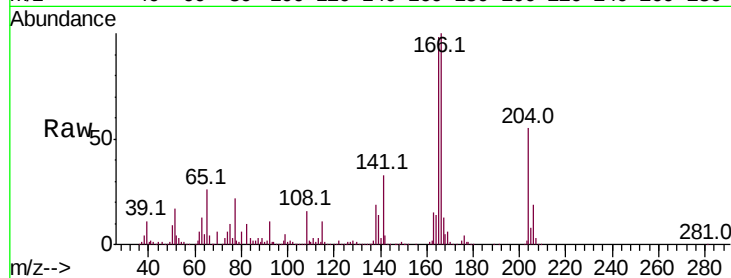
Tot Ion:166 Resp: 1495072

Ion Ratio Lower Upper

166 100

165 97.7 77.4 116.0

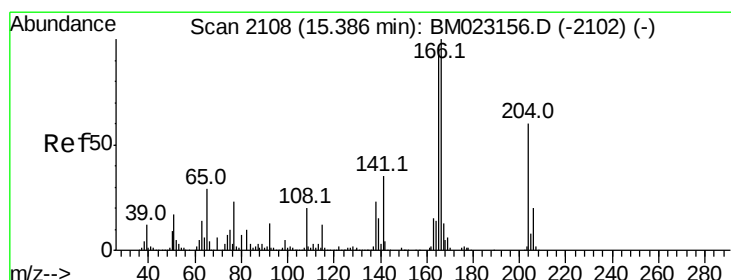
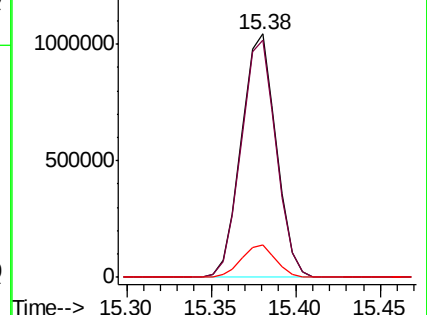
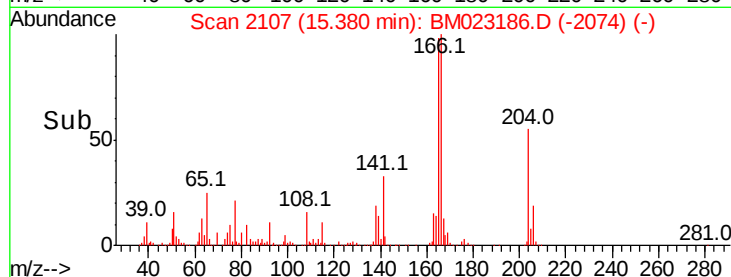
167 13.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 19.471 ng/ul

RT: 15.38 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

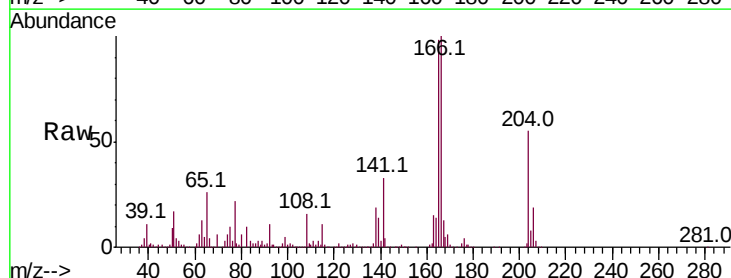
Tgt Ion:204 Resp: 772602

Ion Ratio Lower Upper

204 100

206 33.5 25.8 38.8

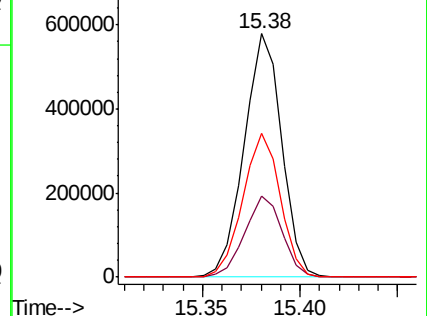
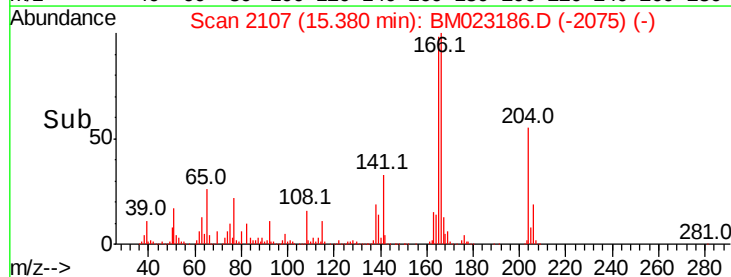
141 59.0 45.3 67.9

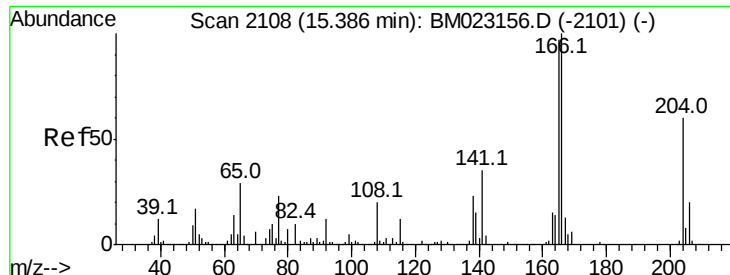


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

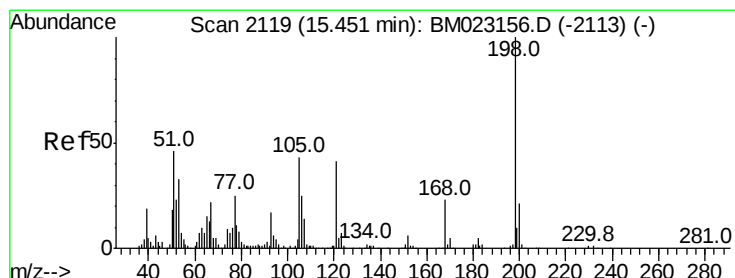
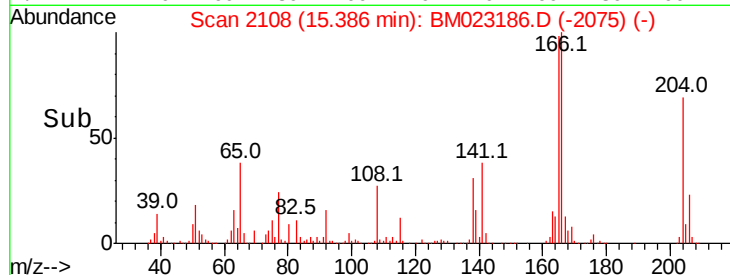
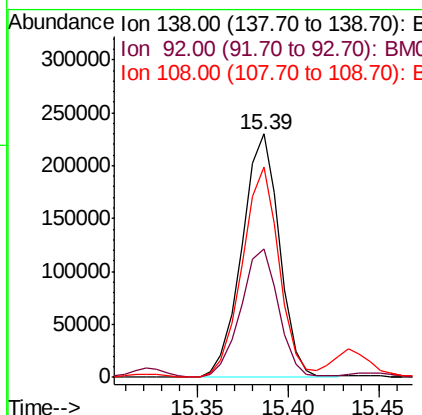
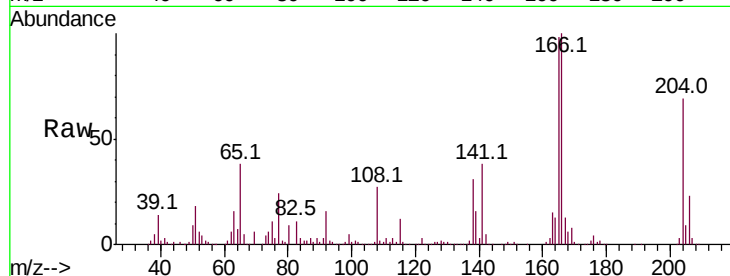




#61
 4-Nitroaniline
 Concen: 20.790 ng/ul
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BM023186.D
 Acq: 16 Oct 2019 02:56

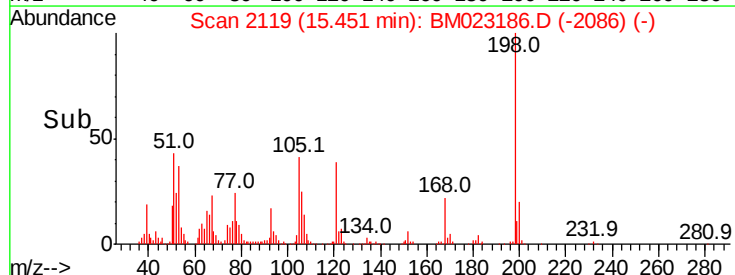
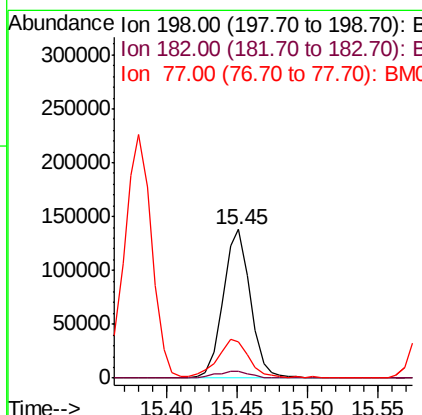
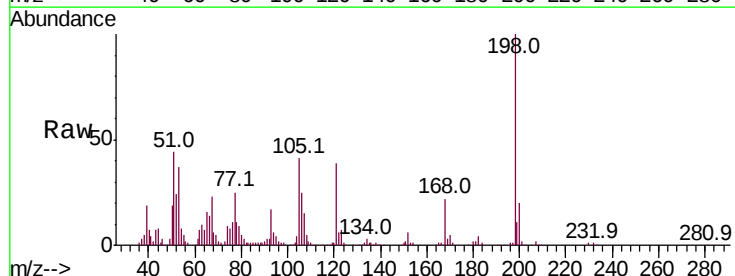
Instrument :
 BNA_M
 ClientSampleId :

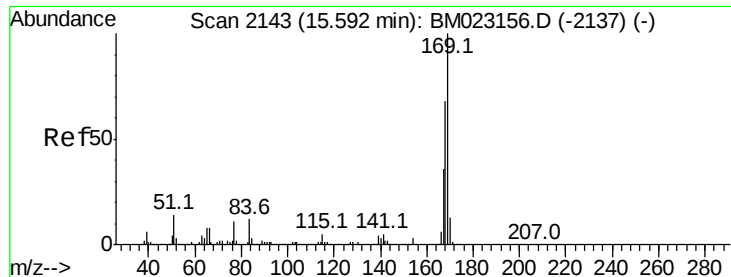
Tot Ion:138 Resp: 330869
 Ion Ratio Lower Upper
 138 100
 92 52.6 42.6 64.0
 108 86.2 71.9 107.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.309 ng/ul
 RT: 15.45 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BM023186.D
 Acq: 16 Oct 2019 02:56

Tgt Ion:198 Resp: 184926
 Ion Ratio Lower Upper
 198 100
 182 4.2 4.1 6.1
 77 24.8 20.8 31.2



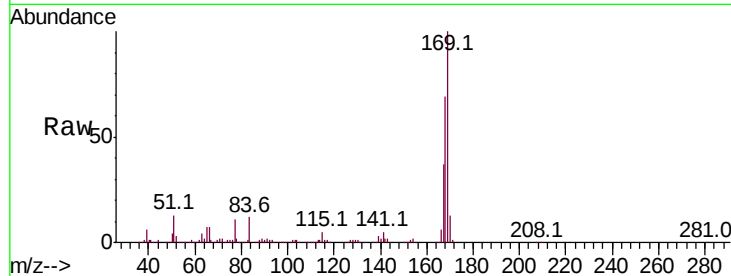


#65

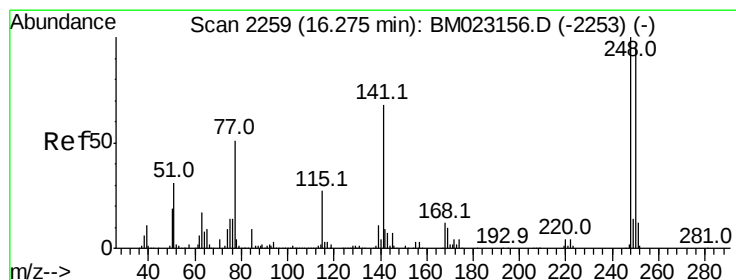
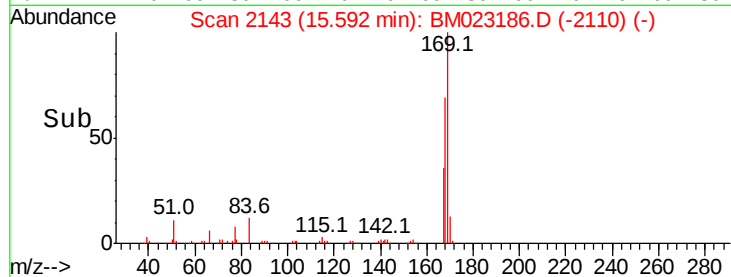
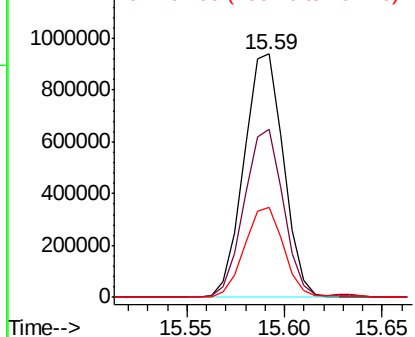
N-Nitrosodiphenylamine
 Concen: 19.686 ng/ul
 RT: 15.59 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: BM023186.D
 Acq: 16 Oct 2019 02:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:169 Resp: 1321888
 Ion Ratio Lower Upper
 169 100
 168 69.2 54.6 82.0
 167 36.8 28.9 43.3



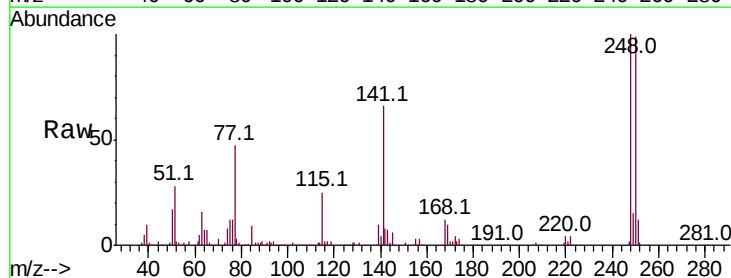
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E



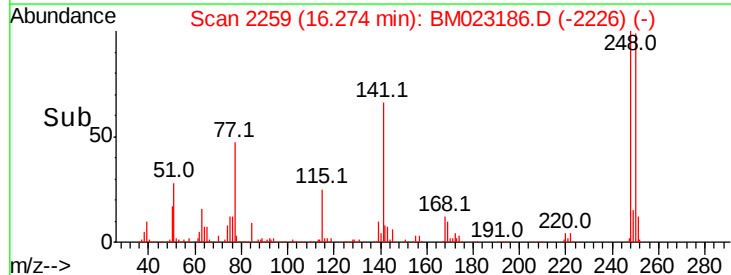
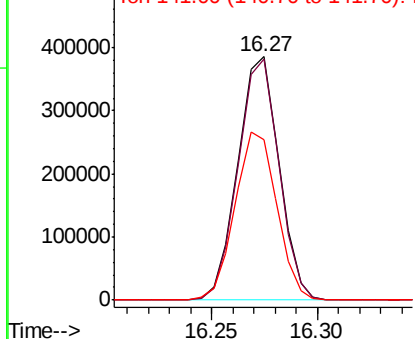
#66

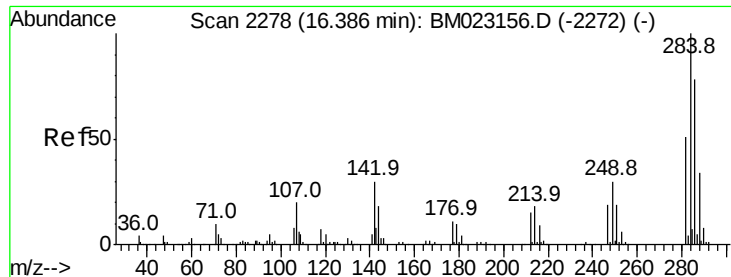
4-Bromophenyl-phenylether
 Concen: 19.895 ng/ul
 RT: 16.27 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BM023186.D
 Acq: 16 Oct 2019 02:56

Tgt Ion:248 Resp: 522584
 Ion Ratio Lower Upper
 248 100
 250 99.1 78.1 117.1
 141 66.0 56.4 84.6



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





#67

Hexachlorobenzene

Concen: 20.186 ng/ul

RT: 16.39 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

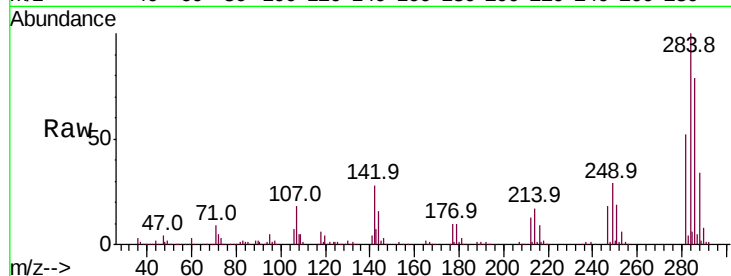
Tot Ion:284 Resp: 601329

Ion Ratio Lower Upper

284 100

142 28.3 23.8 35.8

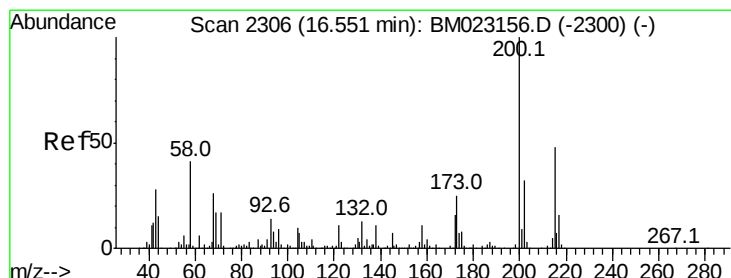
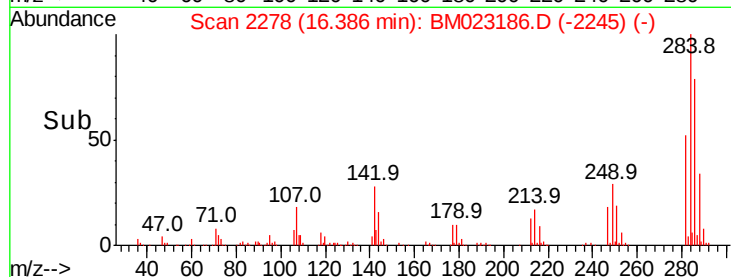
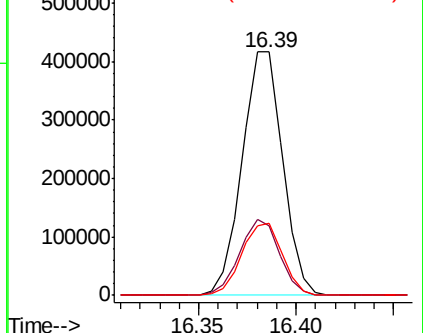
249 29.5 24.2 36.2



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



#68

Atrazine

Concen: 19.094 ng/ul

RT: 16.54 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

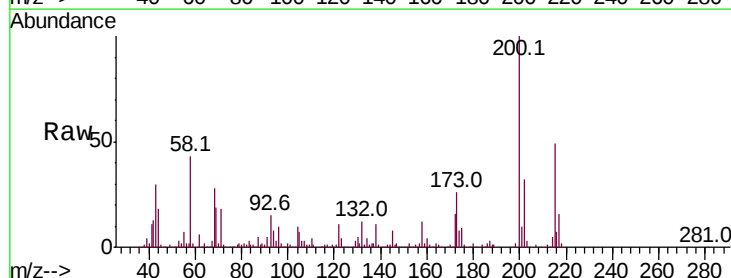
Tgt Ion:200 Resp: 490739

Ion Ratio Lower Upper

200 100

173 25.8 21.0 31.4

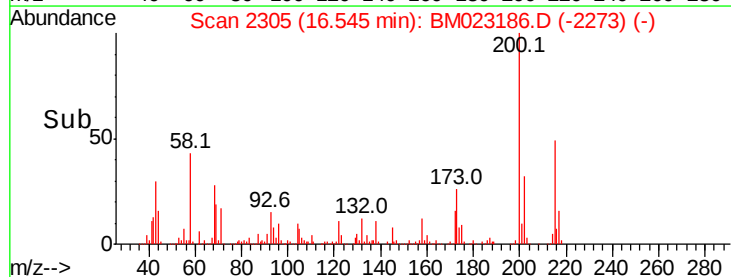
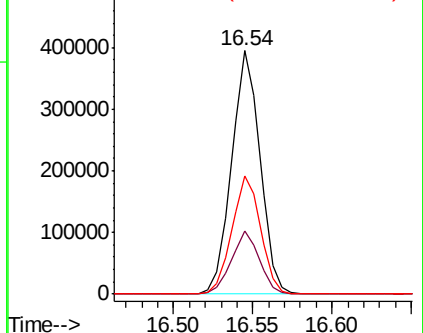
215 48.6 39.2 58.8

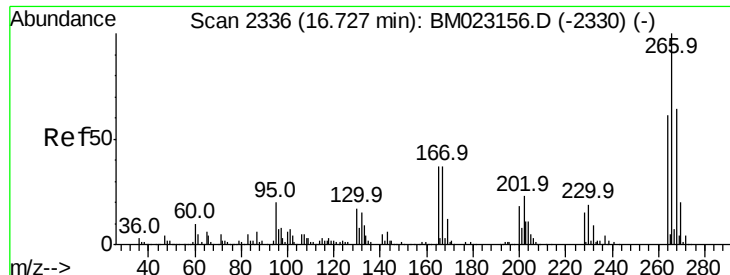


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 18.873 ng/ul

RT: 16.72 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

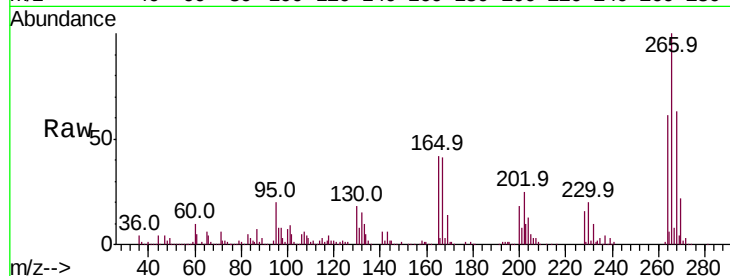
Tot Ion:266 Resp: 314924

Ion Ratio Lower Upper

266 100

264 61.4 49.1 73.7

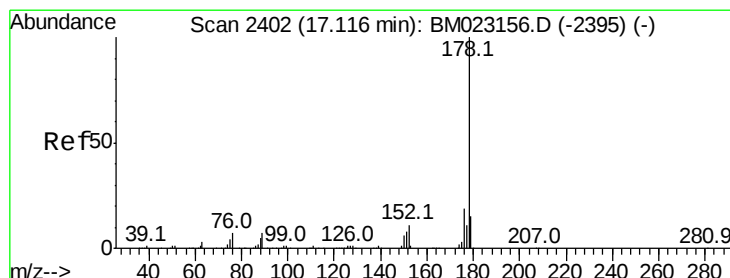
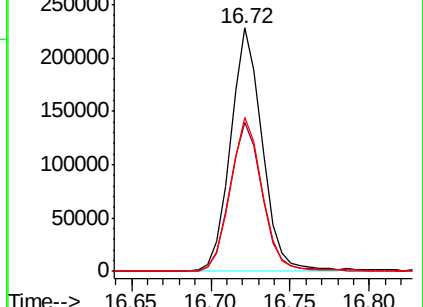
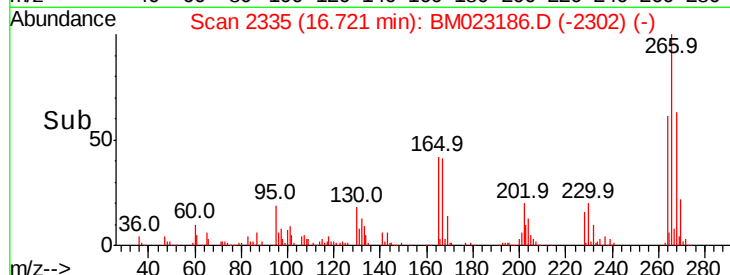
268 63.1 50.6 75.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 19.917 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

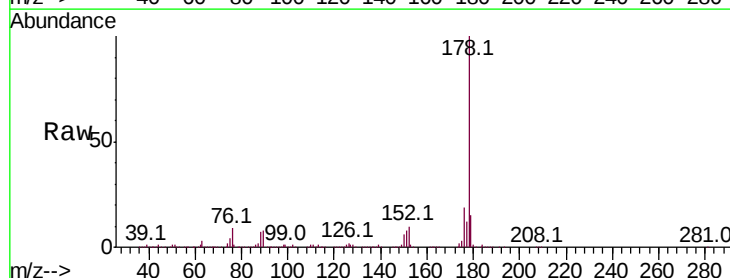
Tgt Ion:178 Resp: 2431945

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

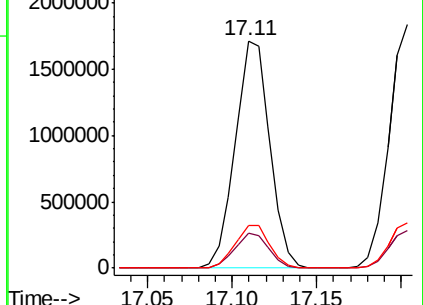
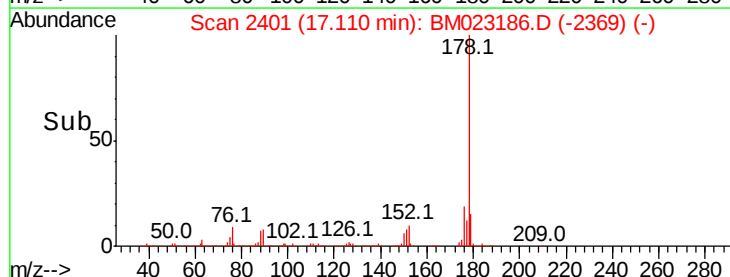
176 18.8 15.5 23.3

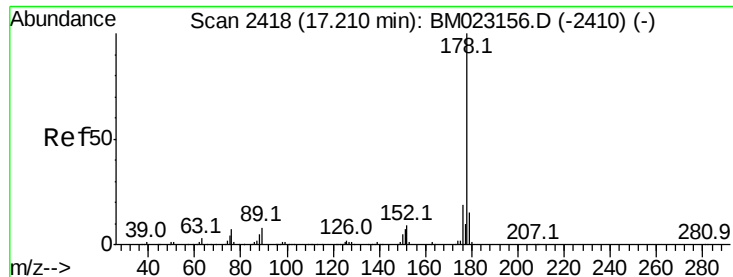


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 19.820 ng/ul

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

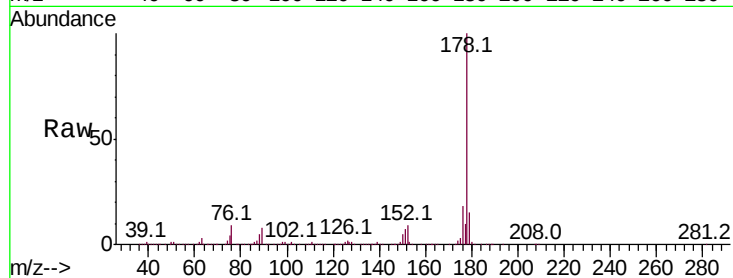
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 2500869

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.4	15.0	22.4

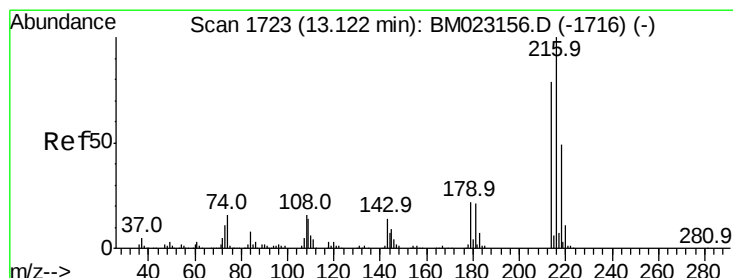
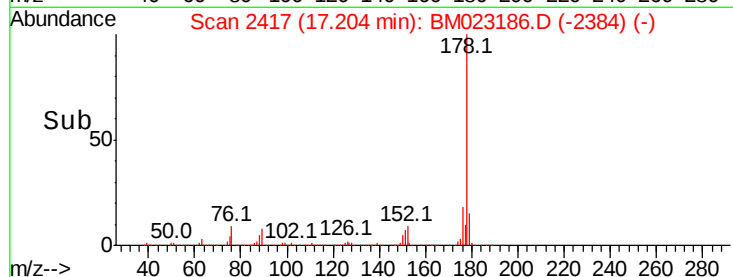
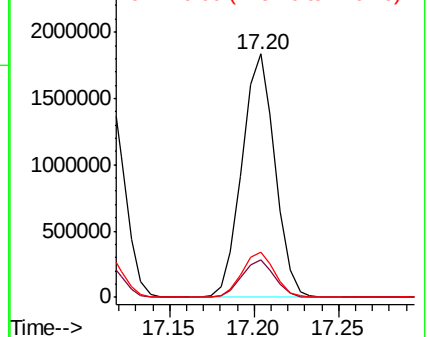


Abundance

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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 19.726 ng/uL

RT: 13.12 min Scan# 1723

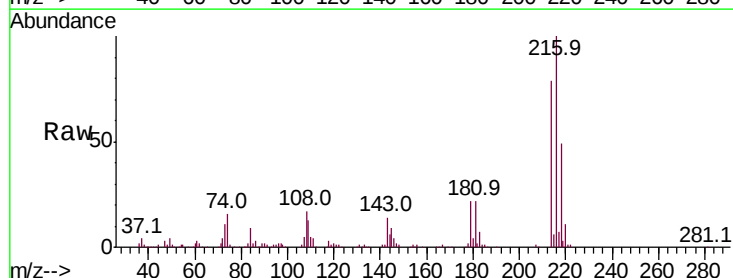
Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Tgt Ion:216 Resp: 623244

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.2	94.8
218	49.3	38.4	57.6

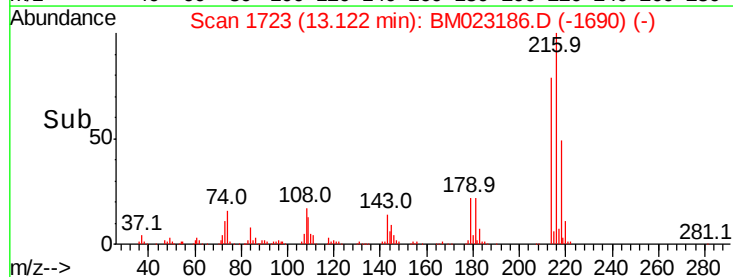
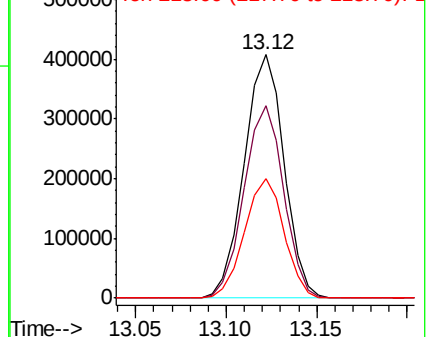


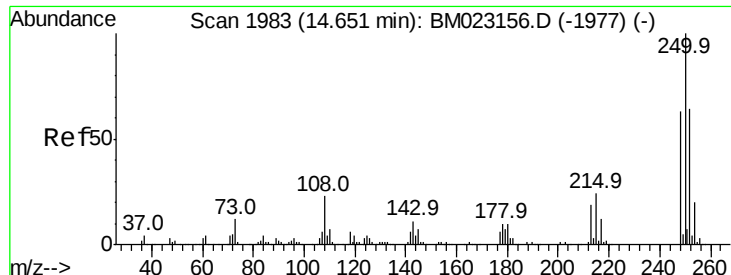
Abundance

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





#74

Pentachlorobenzene

Concen: 19.955 ng/uL

RT: 14.65 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

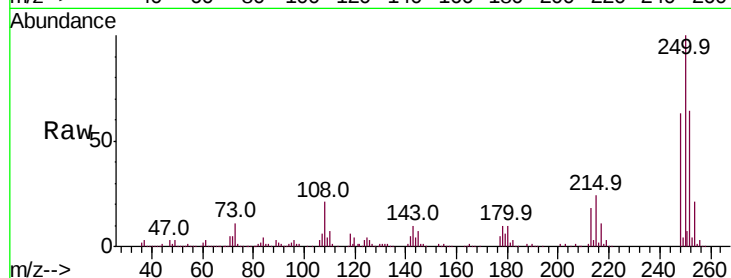
Tot Ion:250 Resp: 656862

Ion Ratio Lower Upper

250 100

248 62.5 50.2 75.2

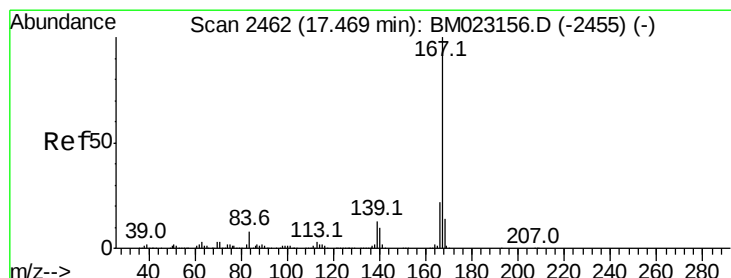
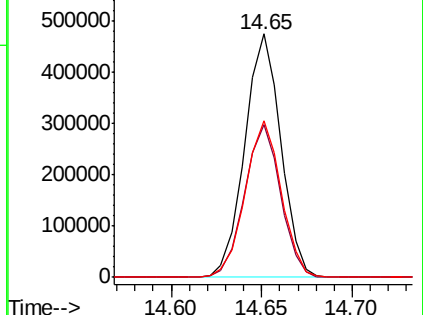
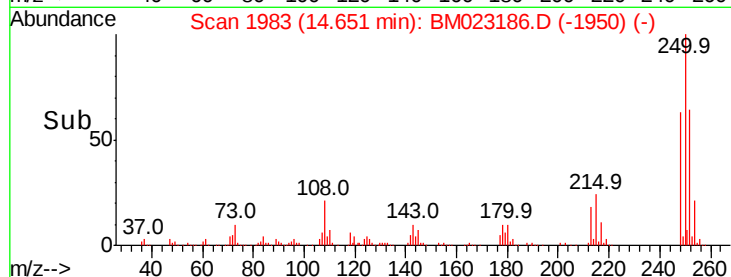
252 64.2 50.2 75.4



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



#75

Carbazole

Concen: 19.976 ng/uL

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

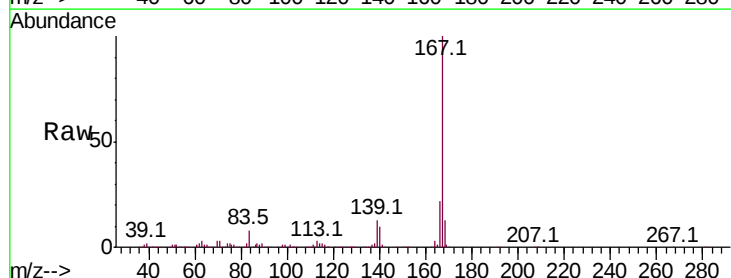
Tgt Ion:167 Resp: 2251785

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.0

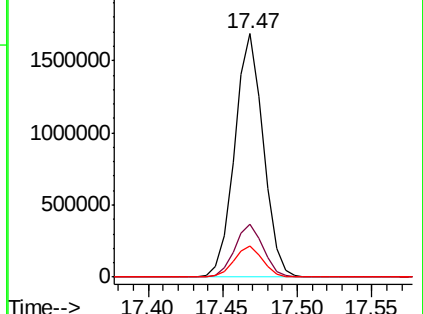
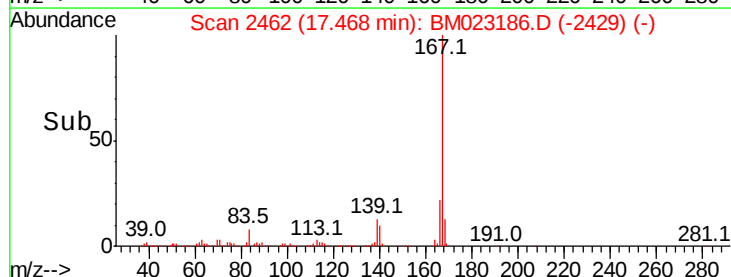
139 12.7 10.2 15.2

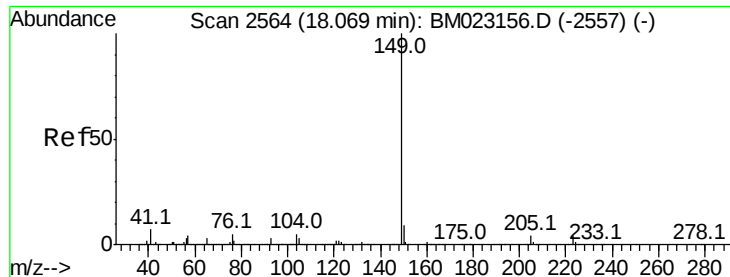


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

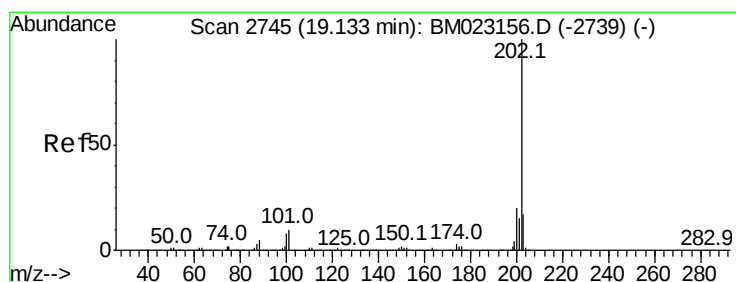
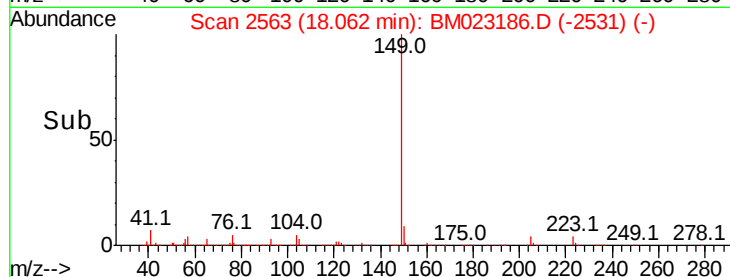
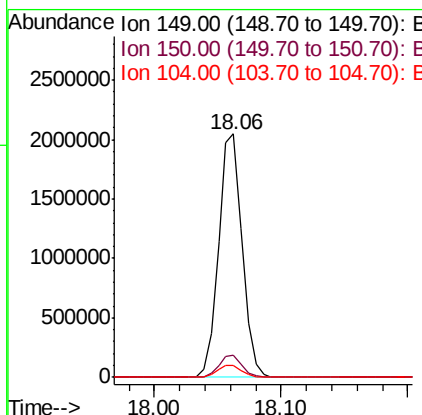
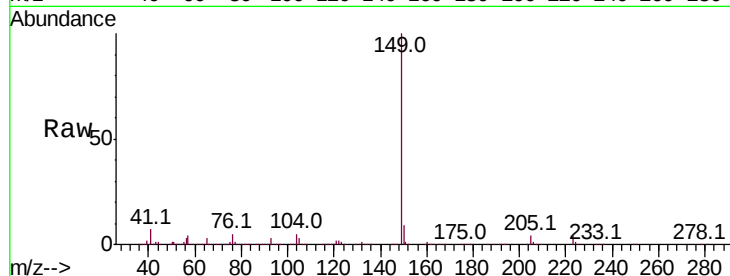




#76
Di-n-butylphthalate
Concen: 19.641 ng/ul
RT: 18.06 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

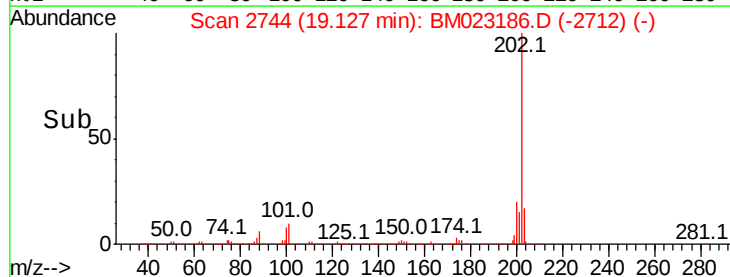
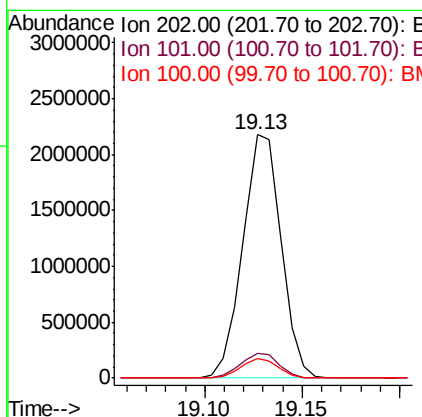
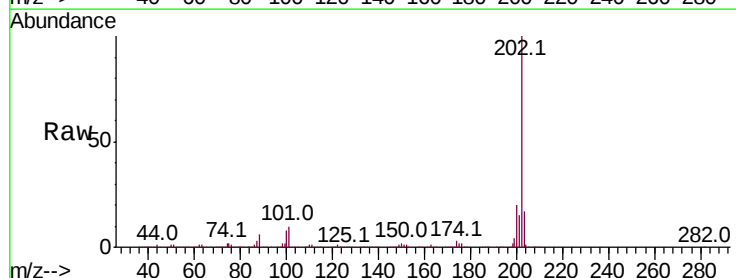
Instrument :
BNA_M
ClientSampled :

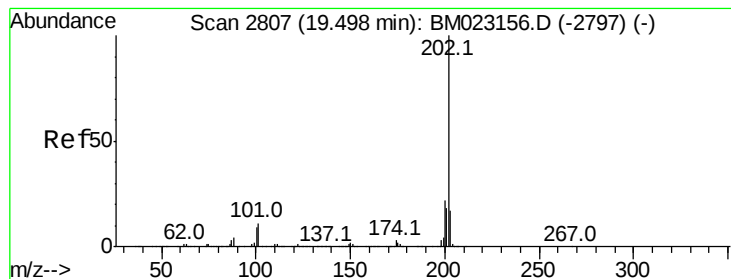
Tot Ion:149 Resp: 2634667
Ion Ratio Lower Upper
149 100
150 9.1 7.0 10.4
104 5.1 4.0 6.0



#77
Fluoranthene
Concen: 20.450 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. -0.01 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

Tgt Ion:202 Resp: 2969765
Ion Ratio Lower Upper
202 100
101 10.4 7.8 11.8
100 8.1 6.1 9.1





#80

Pvrene

Concen: 21.035 ng/ul

RT: 19.49 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

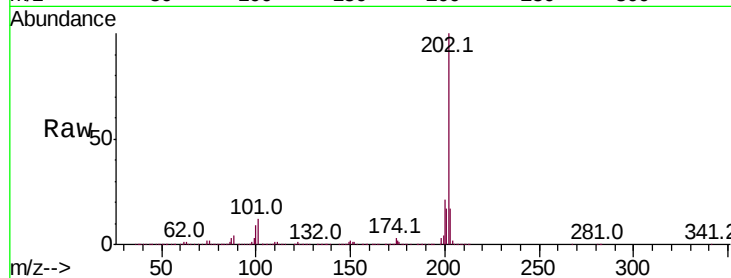
Tot Ion:202 Resp: 3061234

Ion Ratio Lower Upper

202 100

101 12.0 9.1 13.7

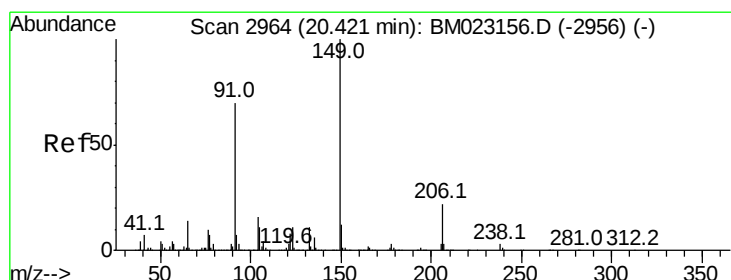
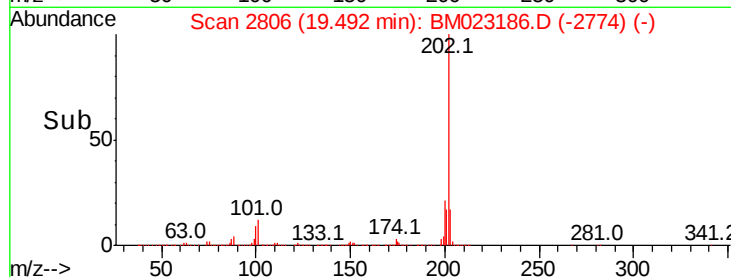
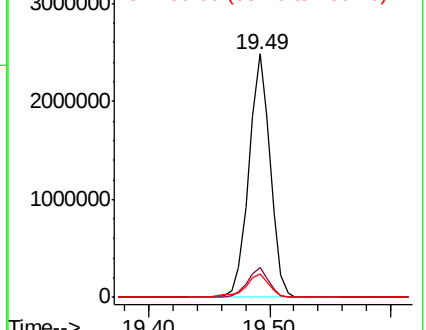
100 9.4 7.5 11.3



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



#81

Butylbenzylphthalate

Concen: 22.330 ng/ul

RT: 20.42 min Scan# 2963

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

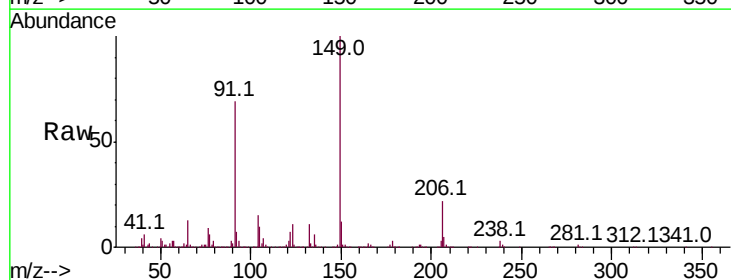
Tgt Ion:149 Resp: 1130216

Ion Ratio Lower Upper

149 100

91 68.8 59.9 89.9

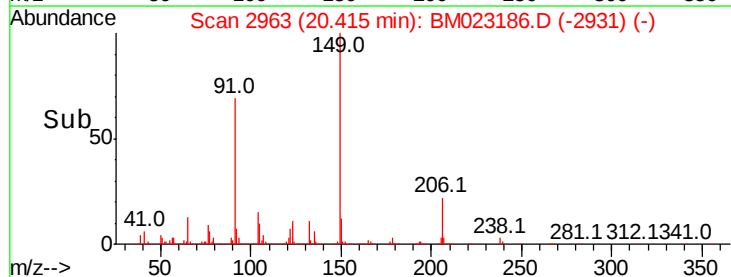
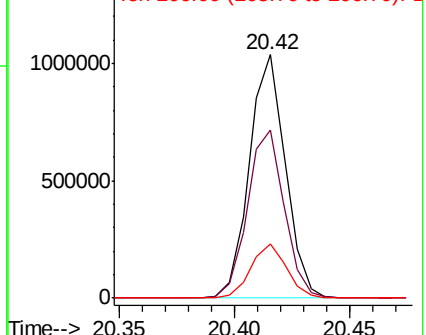
206 22.4 17.1 25.7

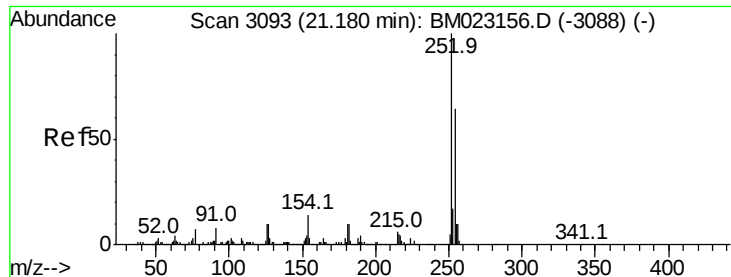


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 18.670 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. -0.02 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

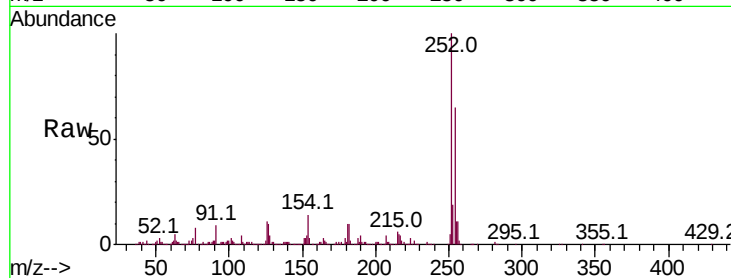
Tot Ion:252 Resp: 1050617

Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.8	77.6
126	10.5	8.0	12.0

252 100

254 65.2 51.8 77.6

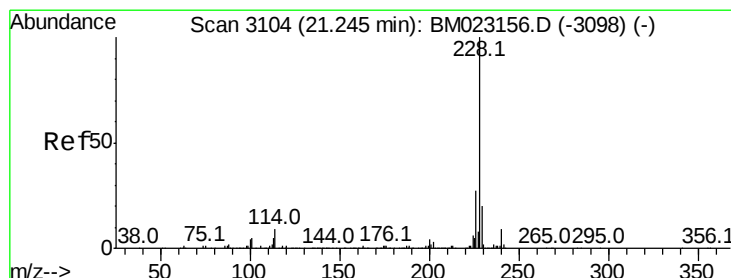
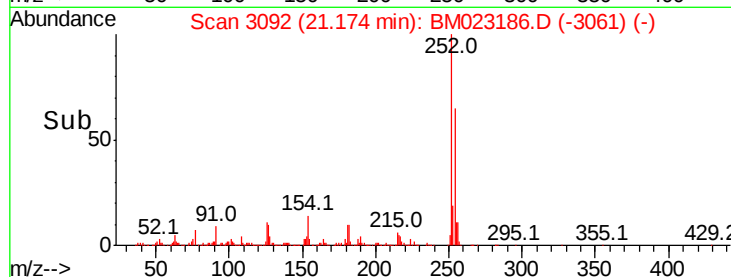
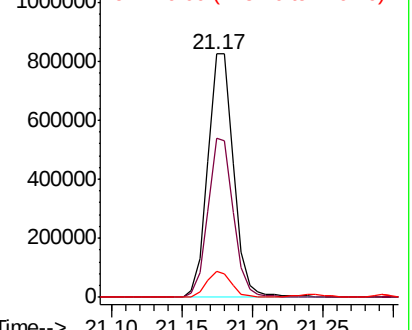
126 10.5 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 19.746 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

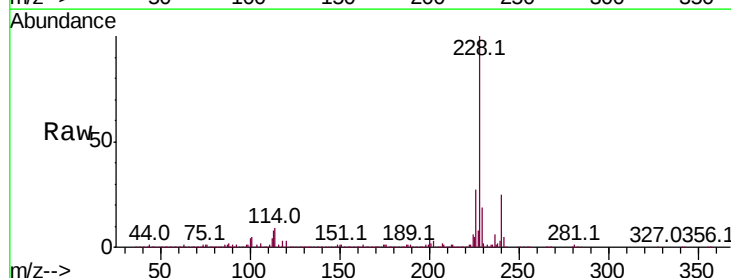
Tgt Ion:228 Resp: 3108119

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.7	23.5
226	27.1	21.6	32.4

228 100

229 19.3 15.7 23.5

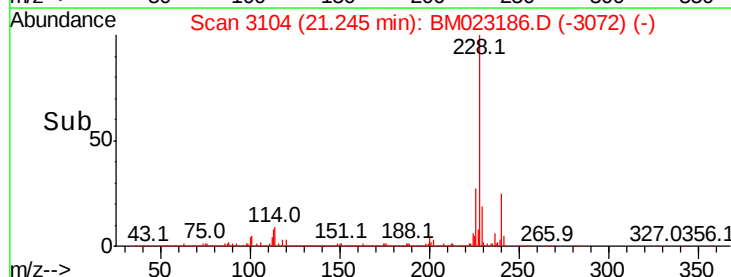
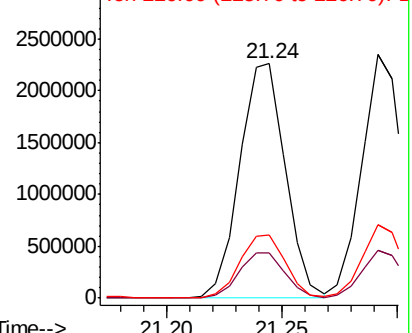
226 27.1 21.6 32.4

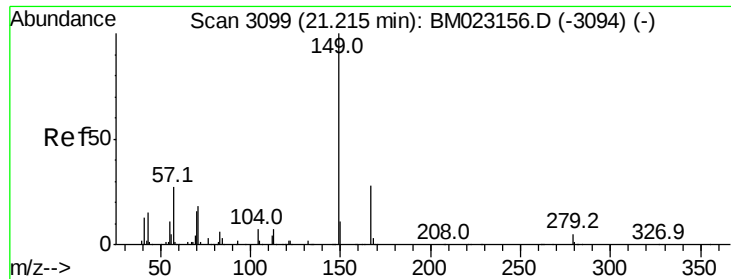


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 21.350 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. -0.02 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

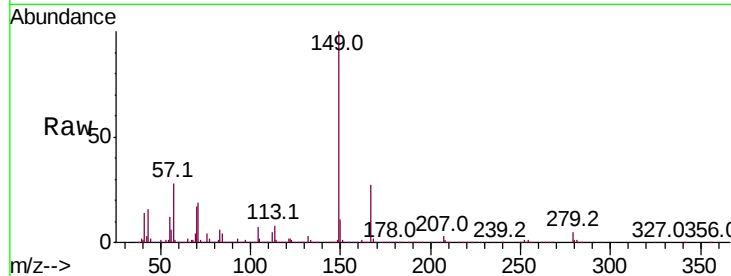
Tot Ion:149 Resp: 1718354

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.5	33.7
279	4.6	4.0	6.0

149 100

167 27.5 22.5 33.7

279 4.6 4.0 6.0

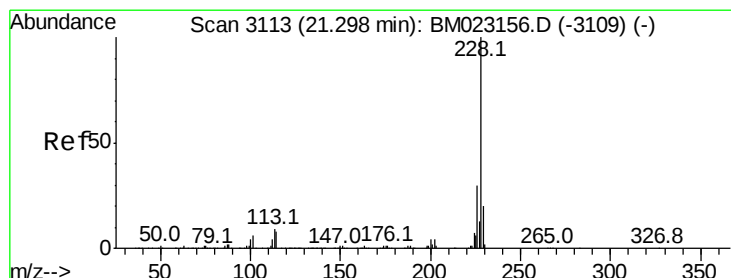
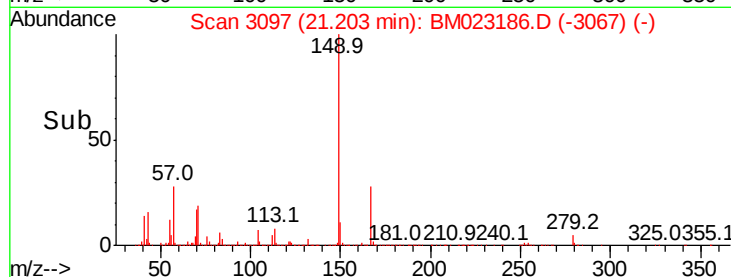
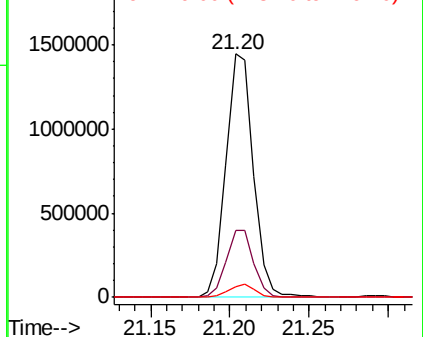


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 19.650 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

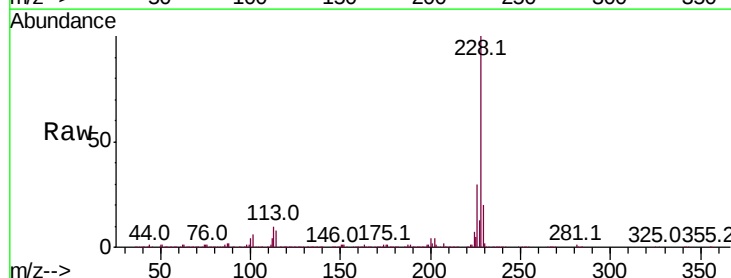
Tgt Ion:228 Resp: 2871989

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.6
229	19.6	15.5	23.3

228 100

226 30.3 23.8 35.6

229 19.6 15.5 23.3

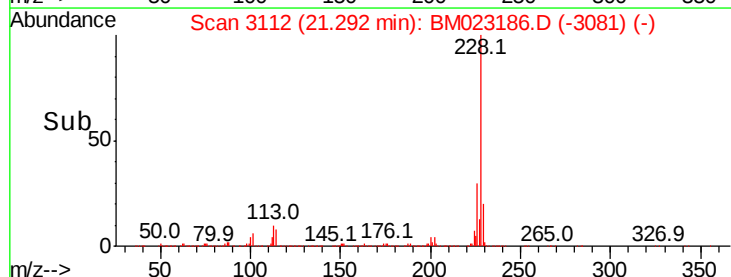
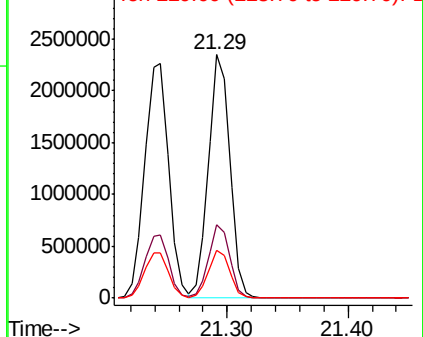


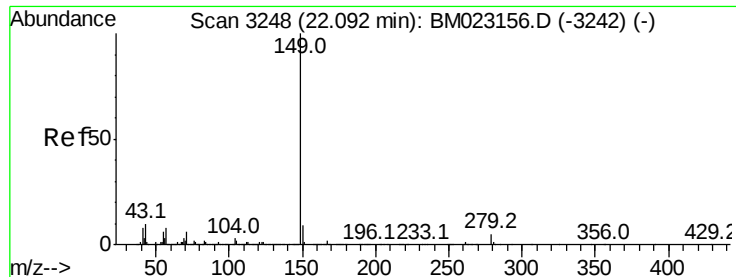
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 24.438 ng/ul

RT: 22.08 min Scan# 3246

Delta R.T. -0.03 min

Lab File: BM023186.D

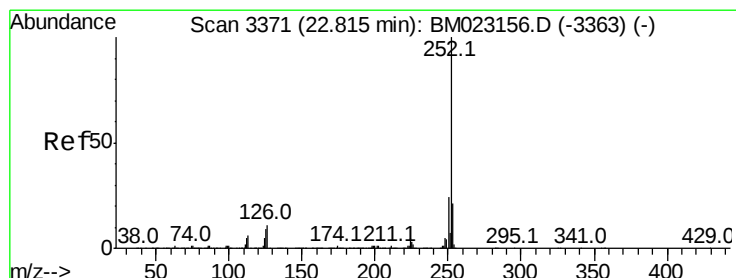
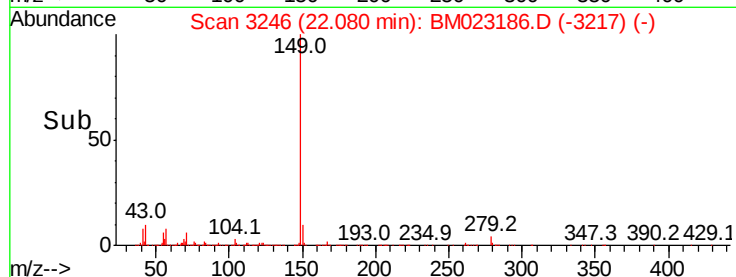
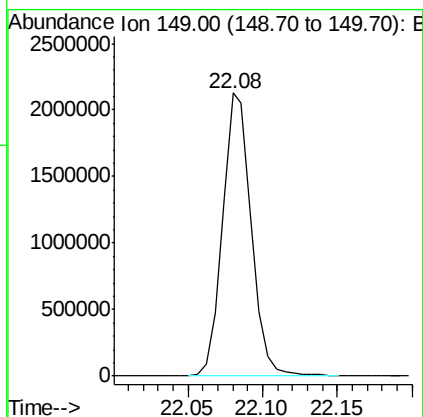
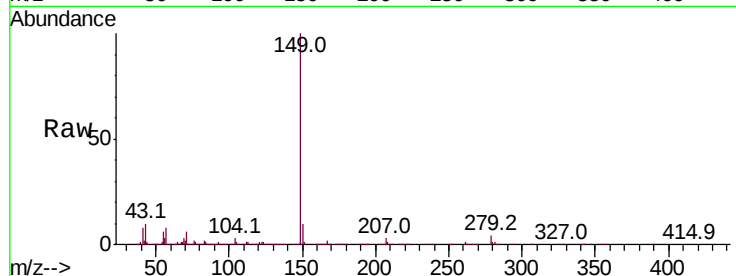
Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 2865249



#88

Benzo(b)fluoranthene

Concen: 21.011 ng/ul

RT: 22.81 min Scan# 3370

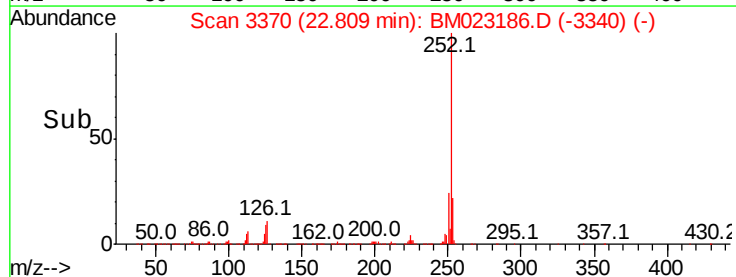
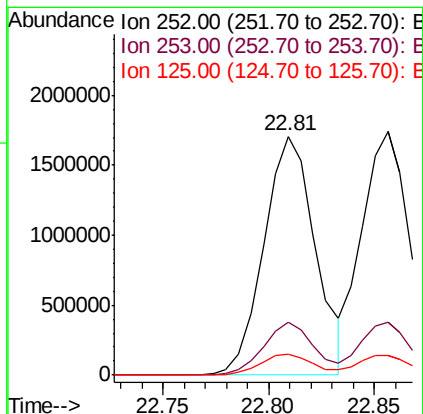
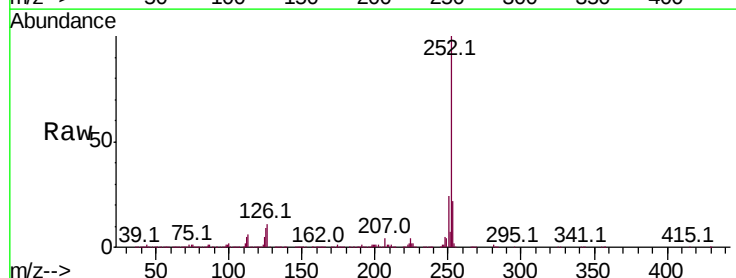
Delta R.T. -0.02 min

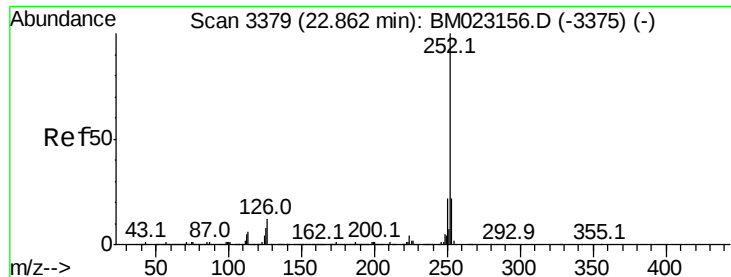
Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Tgt Ion:252 Resp: 2895058

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	8.9	6.4	9.6





#89

Benzo(k)fluoranthene

Concen: 20.914 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.02 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

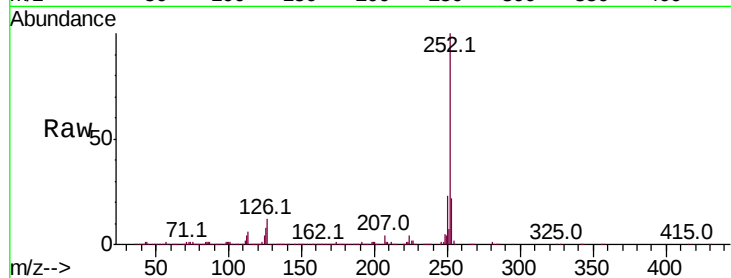
Tot Ion:252 Resp: 2766957

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

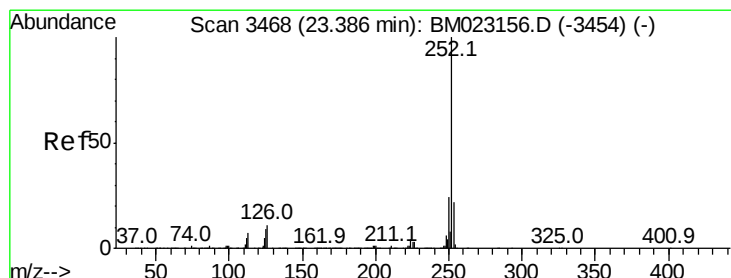
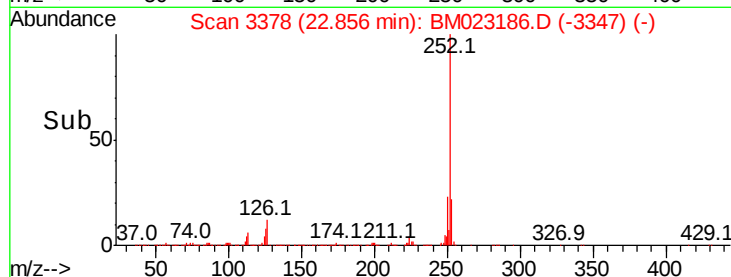
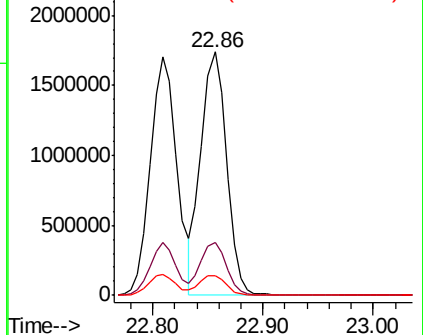
125 8.3 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 19.674 ng/ul

RT: 23.37 min Scan# 3466

Delta R.T. -0.02 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

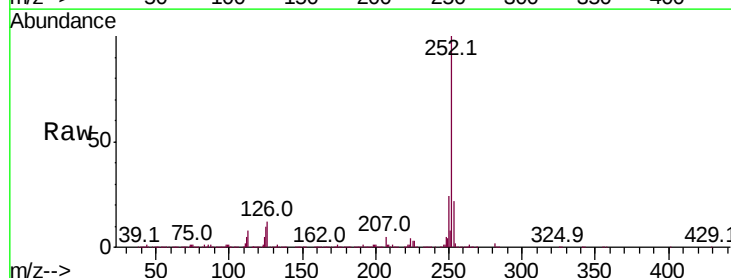
Tgt Ion:252 Resp: 2600755

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

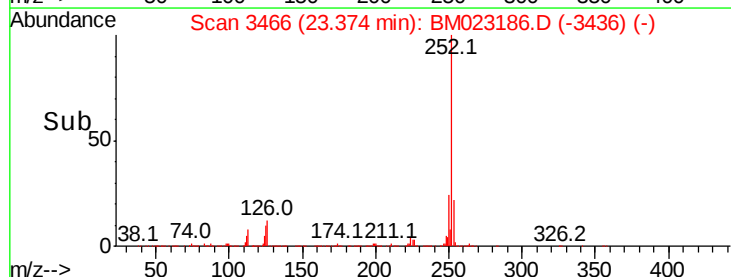
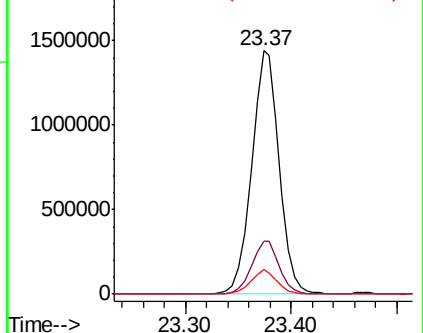
125 10.1 7.4 11.0

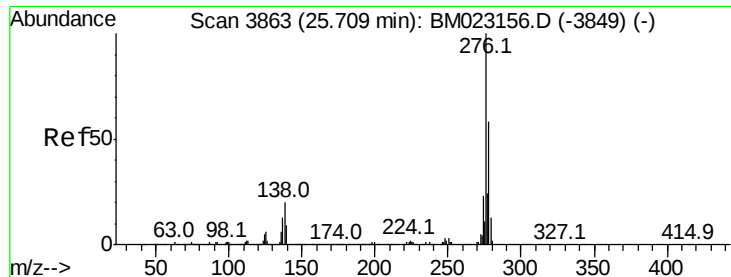


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



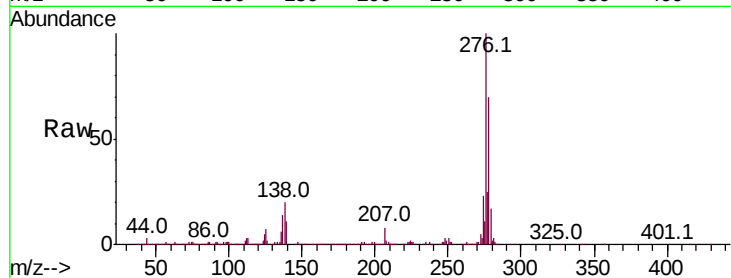


#92

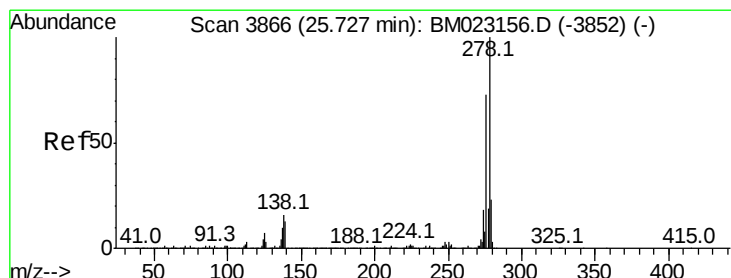
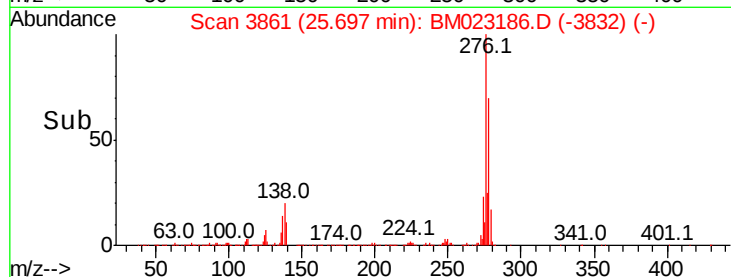
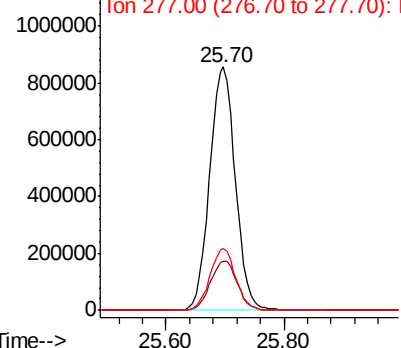
Indeno(1,2,3-cd)pyrene
Concen: 16.495 ng/ul
RT: 25.70 min Scan# 3861
Delta R.T. -0.03 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 2594017
Ion Ratio Lower Upper
276 100
138 20.4 14.9 22.3
277 25.5 19.8 29.8



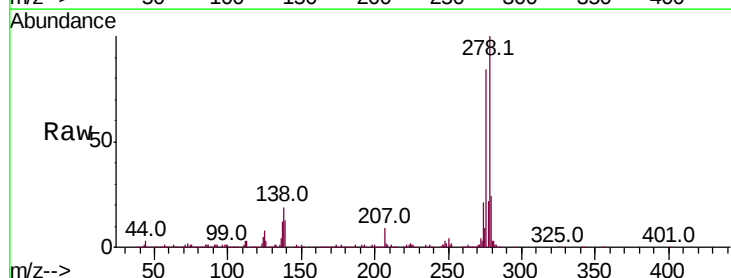
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



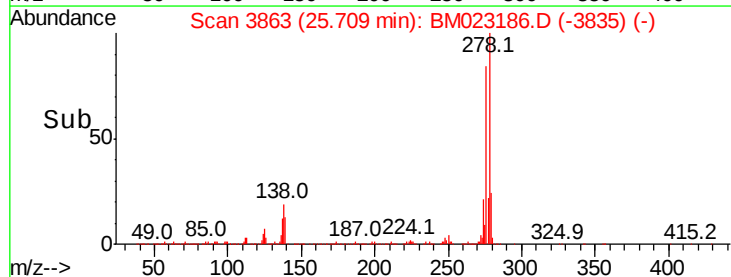
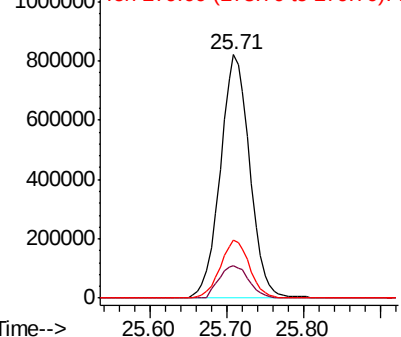
#93

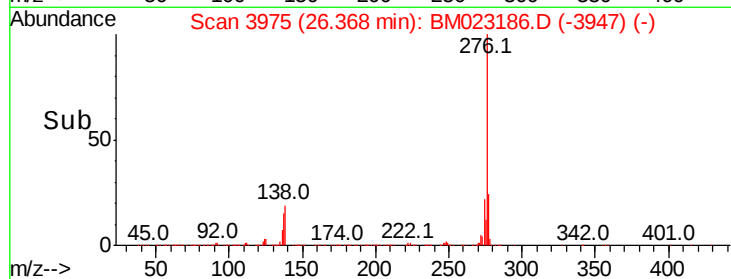
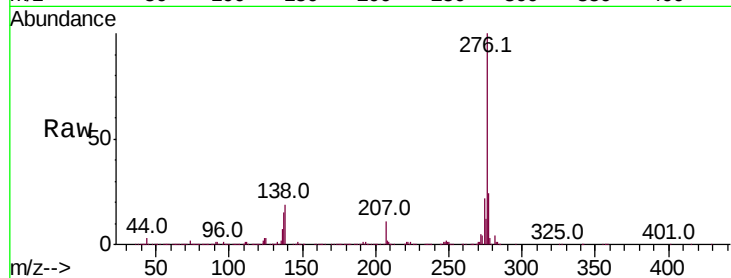
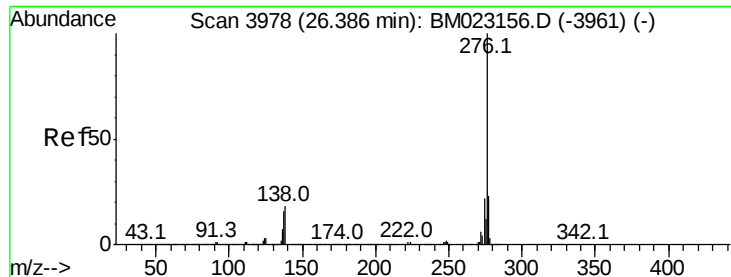
Dibenzo(a,h)anthracene
Concen: 16.742 ng/ul
RT: 25.71 min Scan# 3863
Delta R.T. -0.04 min
Lab File: BM023186.D
Acq: 16 Oct 2019 02:56

Tgt Ion:278 Resp: 2201364
Ion Ratio Lower Upper
278 100
139 13.5 10.0 15.0
279 24.0 19.4 29.0



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





#94

Benzo(a,h,i)perylene

Concen: 15.910 ng/ul

RT: 26.37 min Scan# 3975

Delta R.T. -0.04 min

Lab File: BM023186.D

Acq: 16 Oct 2019 02:56

Instrument :

BNA_M

ClientSampleId :

Tot Ion:276 Resp: 2060034

Ion Ratio Lower Upper

276 100

138 18.6 14.4 21.6

277 23.6 19.4 29.2

