

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
 Data File : BM022380.D
 Acq On : 28 Aug 2019 09:33
 Operator : HP/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02060

Quant Time: Aug 28 11:33:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 24 05:49:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	27054	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.31	136	122742	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.19	164	92980	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.96	188	224174	20.00	ng/ul	-0.02
77) Chrysene-d12	21.17	240	223329	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	209462	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	5408	8.95	ng/uL	-0.01
5) Phenol-d5	6.73	99	45599	19.53	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.90	67	26497	19.51	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.07	132	40256	21.35	ng/ul	-0.02
13) 4-Methylphenol-d8	8.26	113	40664	20.09	ng/ul	-0.01
19) Nitrobenzene-d5	8.71	128	19228	21.01	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.42	143	24022	22.55	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.95	165	50498	23.29	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.48	131	56873	21.56	ng/ul	-0.02
43) Dimethylphthalate-d6	13.62	166	162881	19.89	ng/ul	-0.02
46) Acenaphthylene-d8	13.89	160	192818	21.86	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.47	143	14918	12.30	ng/ul	0.00
57) Fluorene-d10	15.20	176	142534	20.99	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.37	200	28121	16.26	ng/ul	-0.01
70) Anthracene-d10	17.06	188	247642	20.86	ng/ul	-0.01
78) Pyrene-d10	19.37	212	295486	25.46	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.23	264	232906	20.24	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.15	88	5553	8.569	ng/uL 87
4) Benzaldehyde	6.72	77	34274	25.502	ng/ul 94
6) Phenol	6.76	94	47800	19.119	ng/ul 90
8) Bis(2-Chloroethyl)ether	6.99	93	35004	19.231	ng/ul 96
10) 2-Chlorophenol	7.11	128	40445	20.668	ng/ul 99
11) 2-Methylphenol	8.00	108	36436	18.506	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.05	45	18673	7.872	ng/ul 97
14) Acetophenone	8.37	105	68295	19.522	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.35	70	33344	18.830	ng/ul 97
16) 4-Methylphenol	8.32	108	40408	18.666	ng/ul 100
17) Hexachloroethane	8.58	117	21013	21.900	ng/ul 92
20) Nitrobenzene	8.75	77	56845	21.092	ng/ul 96
21) Isophorone	9.27	82	92650	18.862	ng/ul 97
23) 2-Nitrophenol	9.45	139	25425	21.732	ng/ul 92
24) 2,4-Dimethylphenol	9.51	107	56018	20.416	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.75	93	52725	19.882	ng/ul 97
27) 2,4-Dichlorophenol	9.97	162	47760	21.739	ng/ul 99
28) Naphthalene	10.36	128	135291	19.973	ng/ul 99
30) 4-Chloroaniline	10.50	127	55270	20.135	ng/ul 99
31) Hexachlorobutadiene	10.61	225	52647	24.984	ng/ul 98
32) Caprolactam	11.33	113	11036	16.185	ng/ul 90
33) 4-Chloro-3-methylphenol	11.64	107	50849	20.964	ng/ul 96
34) 2-Methylnaphthalene	11.98	142	107396	20.578	ng/ul 95

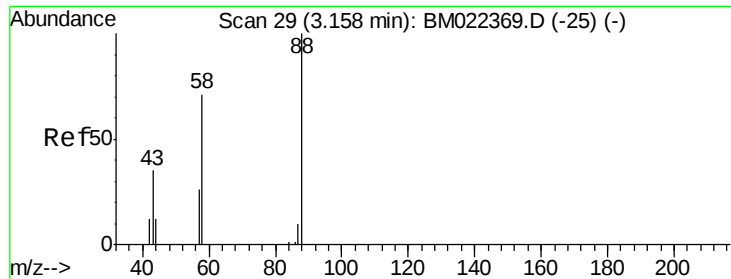
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	88112	22.914	ng/ul	97
37) Hexachlorocyclopentadiene	12.30	237	26499	14.852	ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	47836	22.153	ng/ul	99
39) 2,4,5-Trichlorophenol	12.70	196	48378	20.483	ng/ul	97
40) 1,1'-Biphenyl	13.02	154	144917	19.151	ng/ul	99
41) 2-Chloronaphthalene	13.06	162	119463	20.256	ng/ul	98
42) 2-Nitroaniline	13.31	65	36908	20.478	ng/ul	98
44) Dimethylphthalate	13.67	163	159827	19.183	ng/ul#	99
45) 2,6-Dinitrotoluene	13.82	165	31945	19.966	ng/ul	99
47) Acenaphthylene	13.92	152	176084	19.254	ng/ul	99
48) 3-Nitroaniline	14.15	138	27465	20.164	ng/ul	85
49) Acenaphthene	14.26	153	128628	19.810	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	14651	15.313	ng/ul	95
52) 4-Nitrophenol	14.48	109	38620	19.159	ng/ul	92
53) Dibenzofuran	14.60	168	190872	19.737	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	47748	19.307	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.84	232	50836	21.228	ng/ul	94
56) Diethylphthalate	15.04	149	171159	19.154	ng/ul	98
58) Fluorene	15.26	166	162934	20.003	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.25	204	109244	21.906	ng/ul	97
60) 4-Nitroaniline	15.33	138	27814	19.679	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.39	198	27301	14.710	ng/ul	98
64) N-Nitrosodiphenylamine	15.48	169	134150	19.204	ng/ul	100
65) 4-Bromophenyl-phenylether	16.15	248	69950	21.799	ng/ul	93
66) Hexachlorobenzene	16.25	284	75146	21.017	ng/ul	96
67) Atrazine	16.44	200	81423	22.380	ng/ul	99
68) Pentachlorophenol	16.62	266	31035	14.369	ng/ul	96
69) Phenanthrene	17.00	178	261790	19.520	ng/ul	98
71) Anthracene	17.09	178	272083	19.496	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.97	216	86621	21.724	ng/uL	98
73) Pentachlorobenzene	14.51	250	97659	22.577	ng/uL	99
74) Carbazole	17.39	167	211606	16.787	ng/ul	99
75) Di-n-butylphthalate	17.93	149	298975	18.567	ng/ul	99
76) Fluoranthene	19.03	202	347391	17.189	ng/ul#	97
79) Pvrene	19.40	202	349990	24.212	ng/ul#	95
80) Butylbenzylphthalate	20.31	149	133435	21.811	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.10	252	100200	17.247	ng/ul	99
82) Benzo(a)anthracene	21.16	228	339625	20.205	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.08	149	194786	21.159	ng/ul#	97
84) Chrysene	21.22	228	313074	19.920	ng/ul	98
86) Di-n-octyl phthalate	21.94	149	303690	19.563	ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	292302	20.061	ng/ul#	98
88) Benzo(k)fluoranthene	22.76	252	283566	20.068	ng/ul#	97
90) Benzo(a)pyrene	23.27	252	276173	19.885	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.55	276	325816	20.203	ng/ul#	97
92) Dibenzo(a,h)anthracene	25.56	278	274043	20.015	ng/ul	97
93) Benzo(g,h,i)perylene	26.23	276	256374	20.838	ng/ul	97

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



#2

1,4-Dioxane

Concen: 8.569 ng/uL

RT: 3.15 min Scan# 28

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

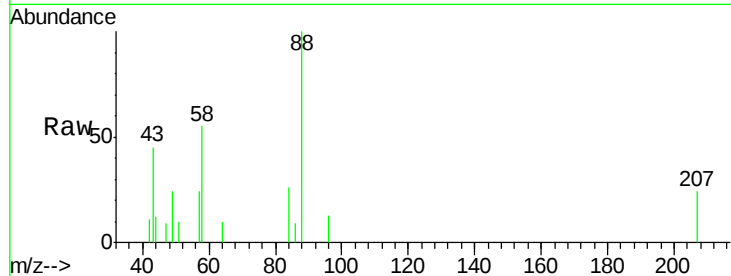
Tot Ion: 88 Resp: 5553

Ion Ratio Lower Upper

88 100

43 45.4 41.5 62.3

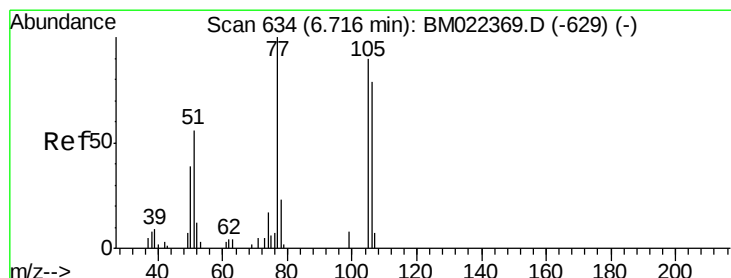
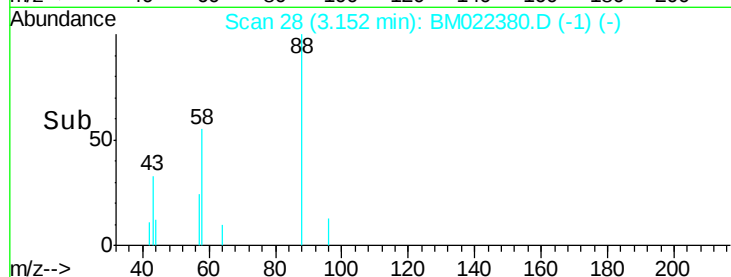
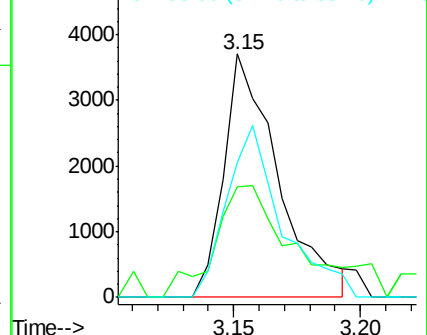
58 55.2 54.8 82.2



Abundance Ion 88.00 (87.70 to 88.70): BM022380.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM022380.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM022380.D (-1) (-)



#4

Benzaldehyde

Concen: 25.502 ng/uL

RT: 6.72 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

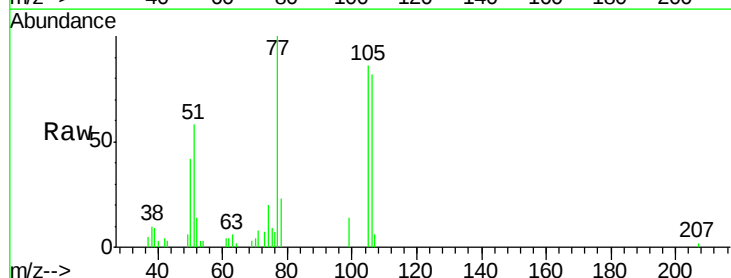
Tgt Ion: 77 Resp: 34274

Ion Ratio Lower Upper

77 100

105 86.1 71.7 107.5

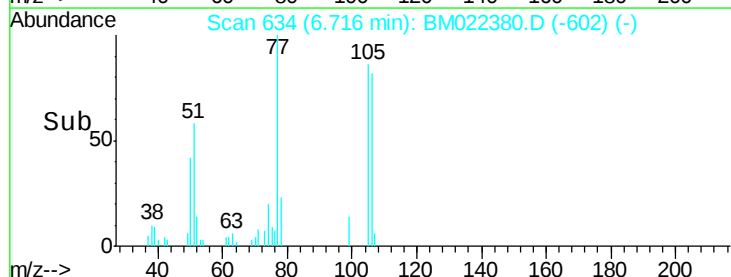
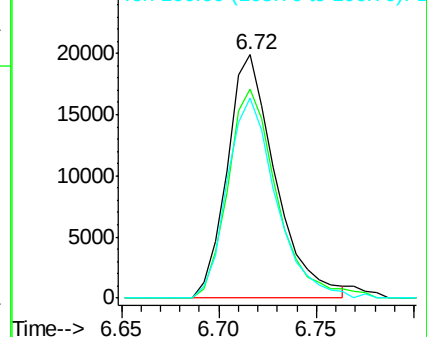
106 82.4 71.7 107.5

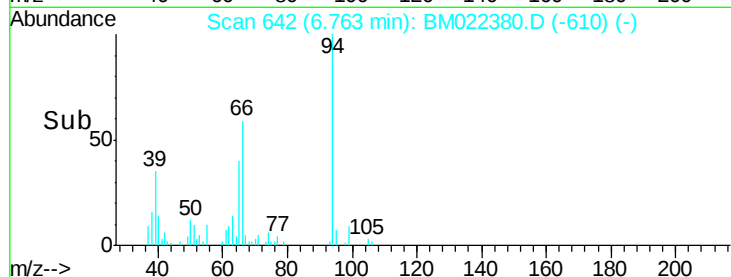
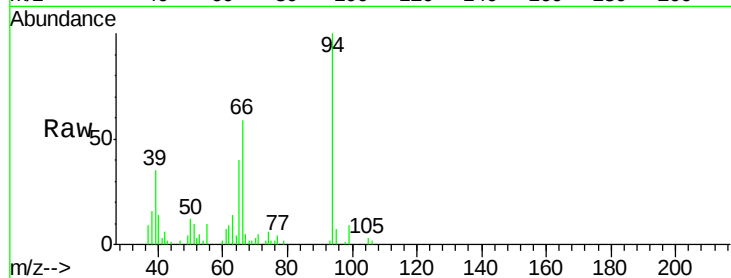
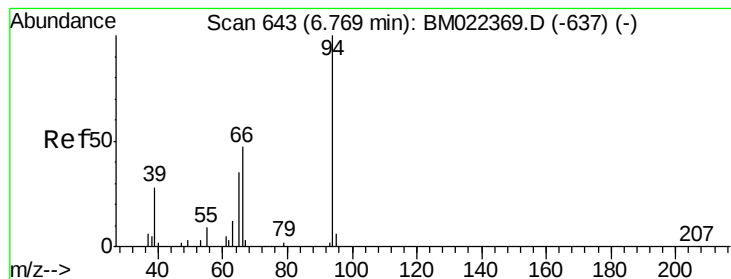


Abundance Ion 77.00 (76.70 to 77.70): BM022380.D (-602) (-)

Ion 105.00 (104.70 to 105.70): BM022380.D (-602) (-)

Ion 106.00 (105.70 to 106.70): BM022380.D (-602) (-)





#6

Phenol

Concen: 19.119 ng/ul

RT: 6.76 min Scan# 642

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

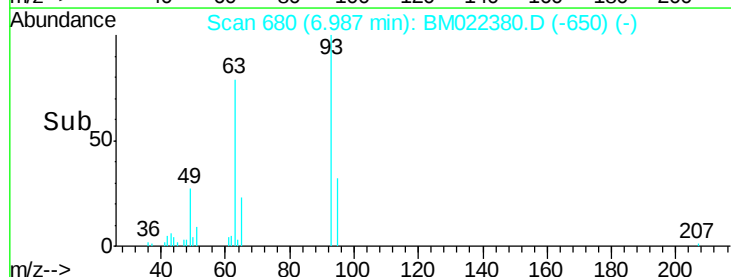
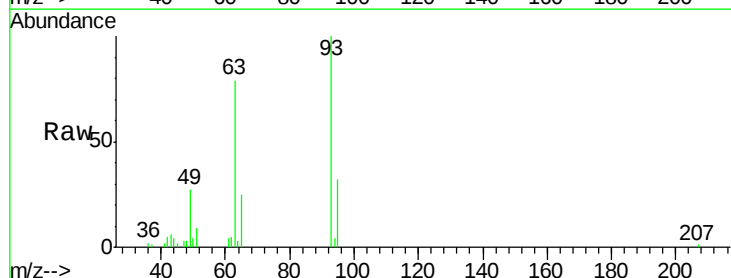
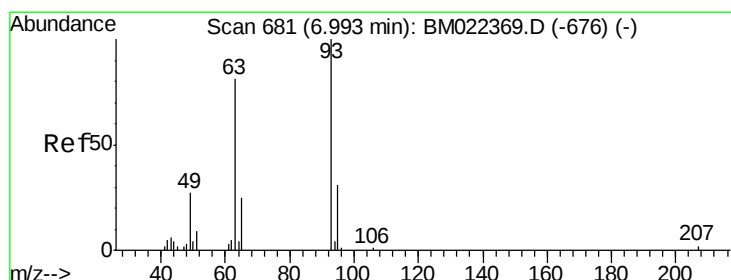
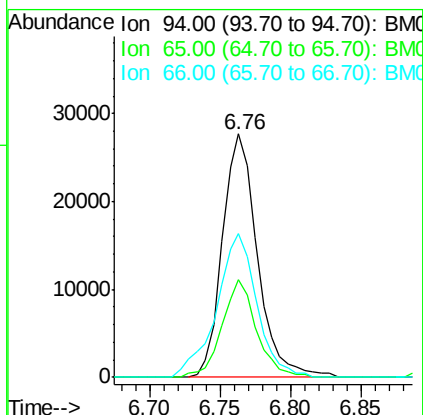
Tot Ion: 94 Resp: 47800

Ion Ratio Lower Upper

94 100

65 40.0 29.2 43.8

66 59.2 40.6 60.8



#8

Bis(2-Chloroethyl)ether

Concen: 19.231 ng/ul

RT: 6.99 min Scan# 680

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

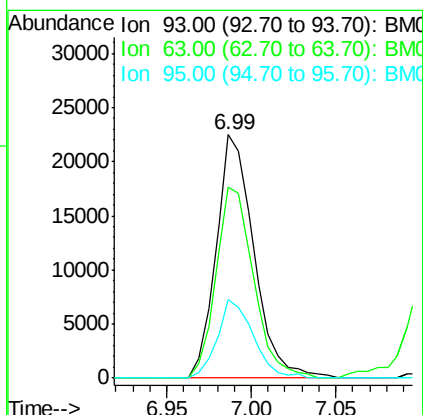
Tgt Ion: 93 Resp: 35004

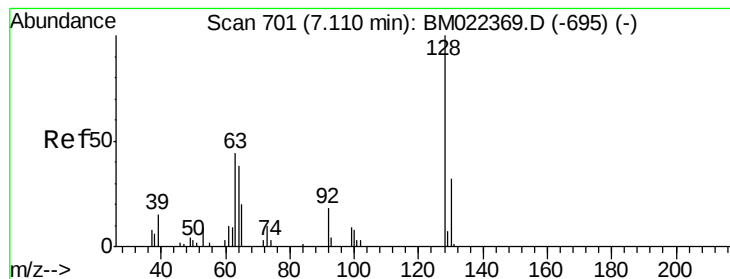
Ion Ratio Lower Upper

93 100

63 78.5 58.9 88.3

95 32.2 25.8 38.6





#10

2-Chlorophenol

Concen: 20.668 ng/ul

RT: 7.11 min Scan# 701

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

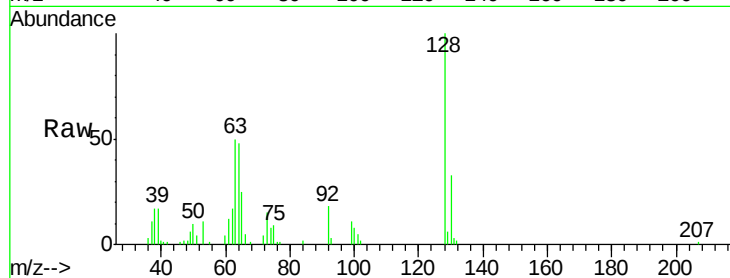
Tot Ion:128 Resp: 40445

Ion Ratio Lower Upper

128 100

64 47.8 38.6 57.8

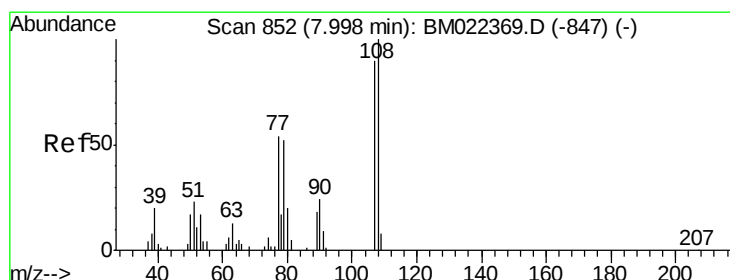
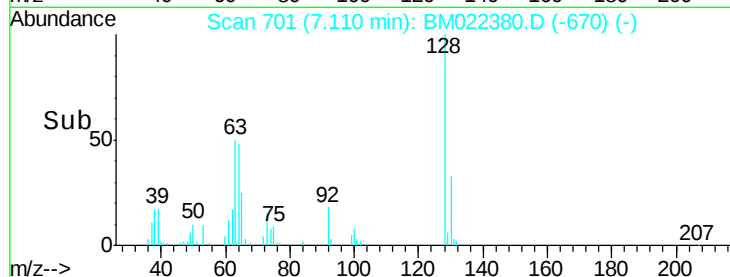
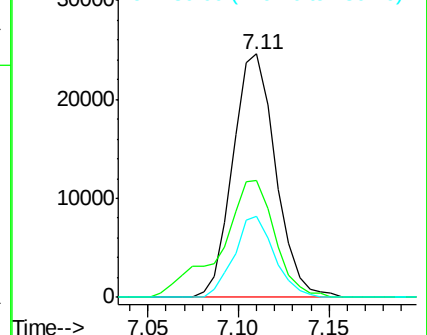
130 33.3 27.0 40.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.506 ng/ul

RT: 8.00 min Scan# 852

Delta R.T. -0.01 min

Lab File: BM022380.D

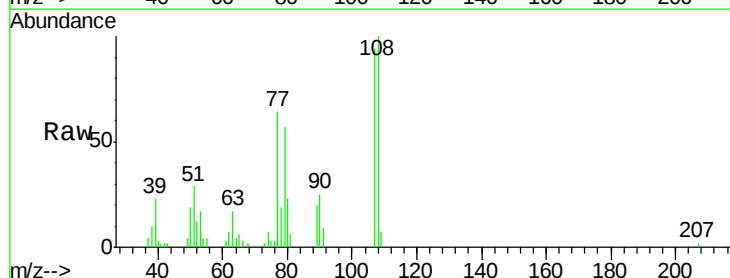
Acq: 28 Aug 2019 09:33

Tgt Ion:108 Resp: 36436

Ion Ratio Lower Upper

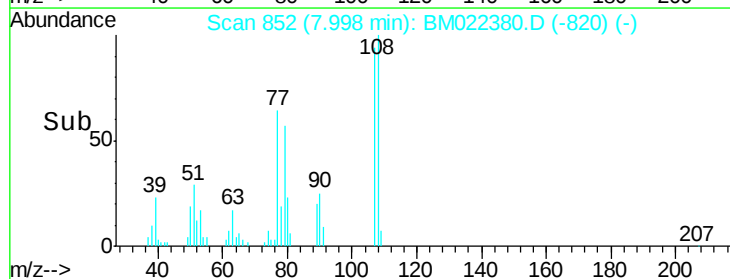
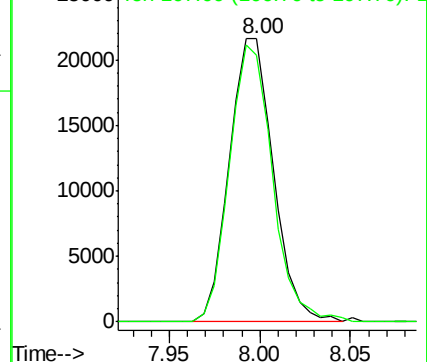
108 100

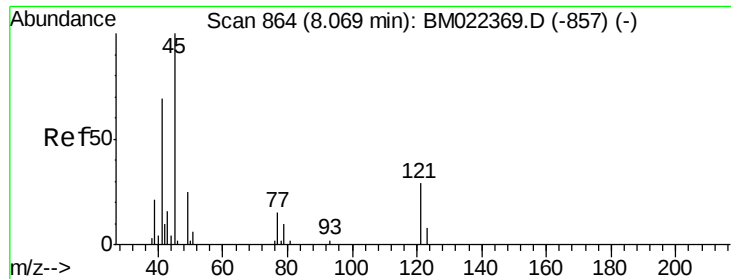
107 94.2 70.1 105.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

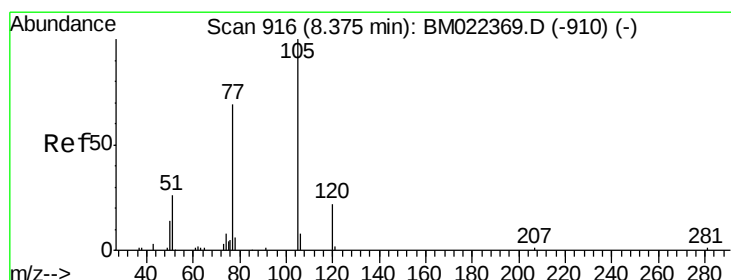
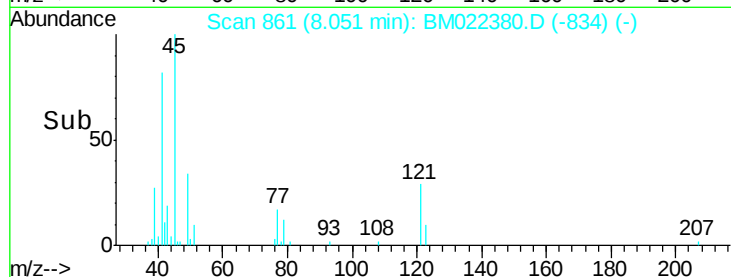
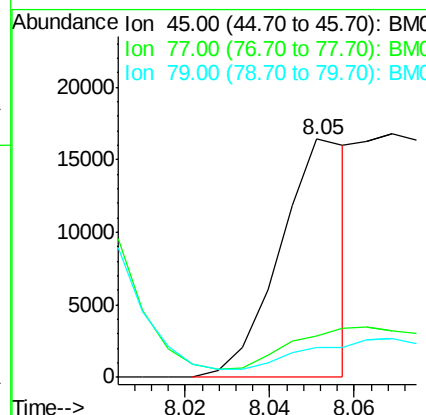
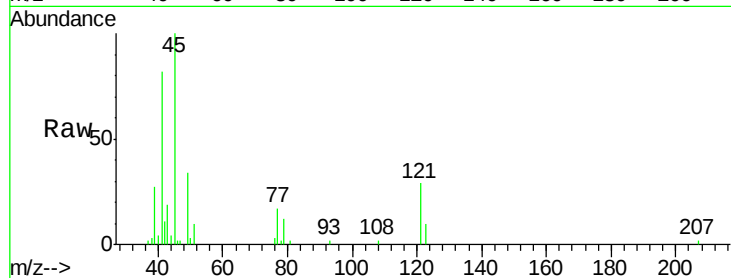




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 7.872 ng/ul
RT: 8.05 min Scan# 861
Delta R.T. -0.04 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

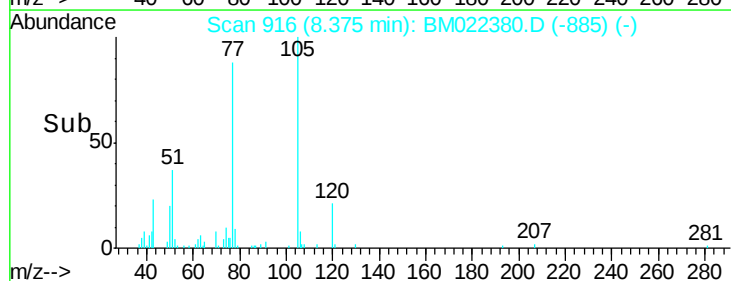
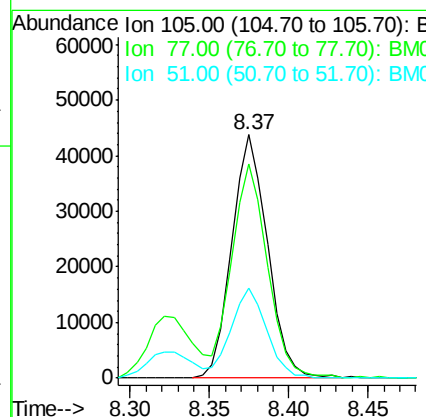
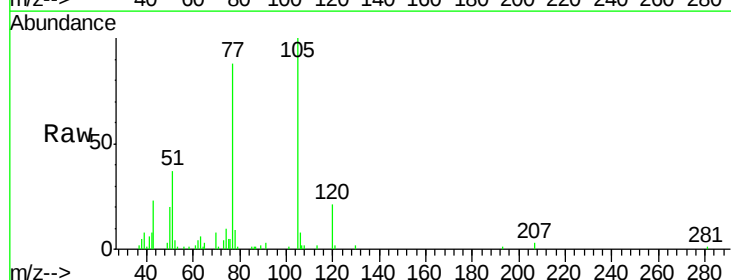
Instrument :
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SSTD02060

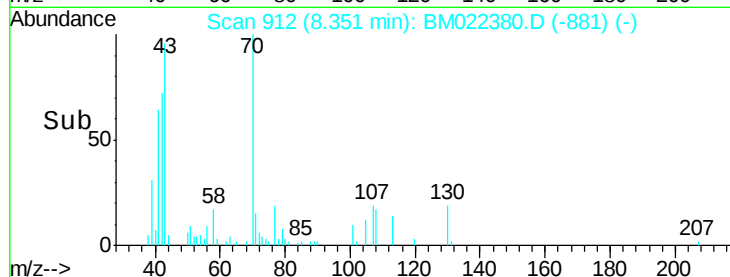
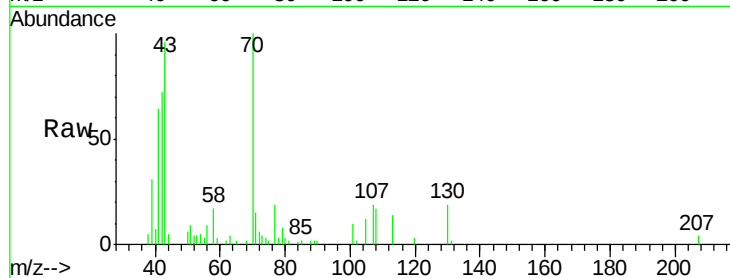
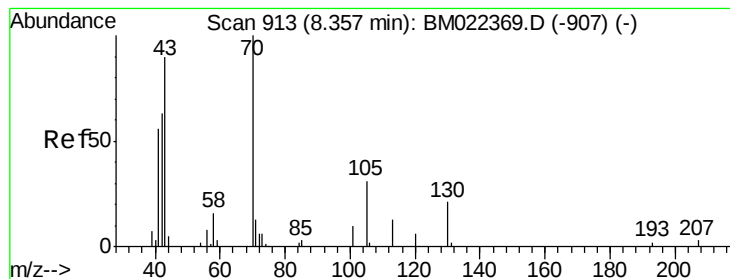
Tot Ion: 45 Resp: 18673
Ion Ratio Lower Upper
45 100
77 17.4 15.0 22.4
79 12.5 11.4 17.0



#14
Acetophenone
Concen: 19.522 ng/ul
RT: 8.37 min Scan# 916
Delta R.T. -0.02 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Tgt Ion:105 Resp: 68295
Ion Ratio Lower Upper
105 100
77 88.1 68.4 102.6
51 37.1 25.0 37.4





#15

N-Nitroso-di-n-propylamine

Concen: 18.830 ng/ul

RT: 8.35 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

Tot Ion: 70 Resp: 33344

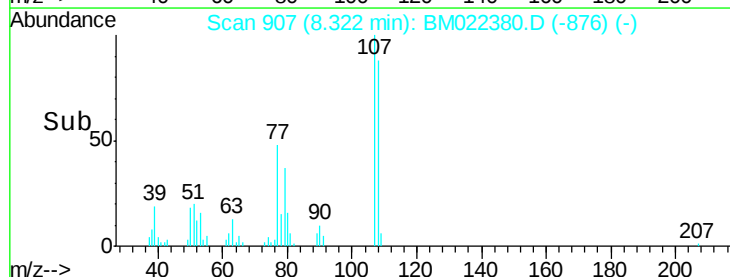
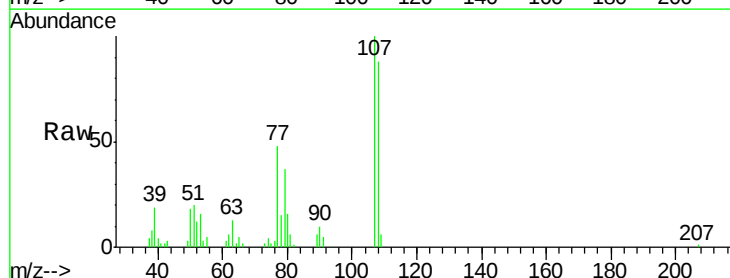
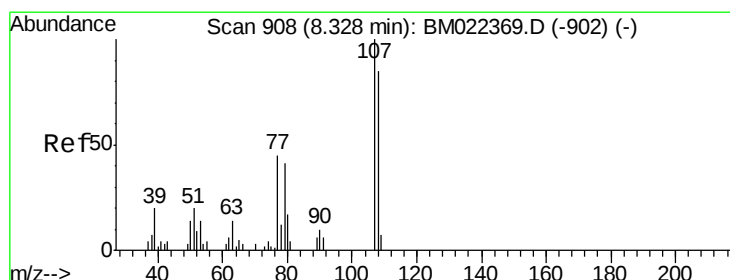
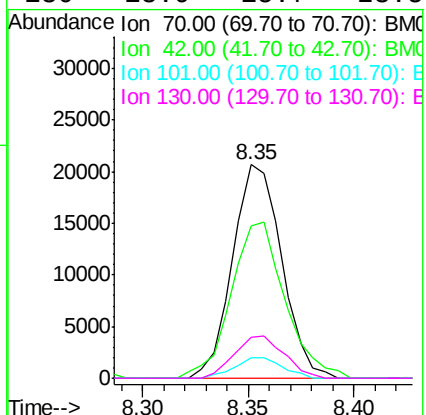
Ion Ratio Lower Upper

70 100

42 71.6 55.1 82.7

101 9.5 8.0 12.0

130 18.9 15.7 23.5



#16

4-Methylphenol

Concen: 18.666 ng/ul

RT: 8.32 min Scan# 907

Delta R.T. -0.02 min

Lab File: BM022380.D

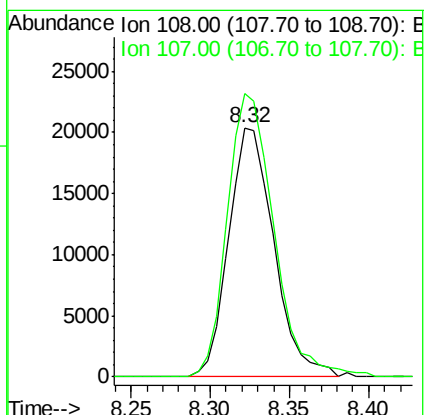
Acq: 28 Aug 2019 09:33

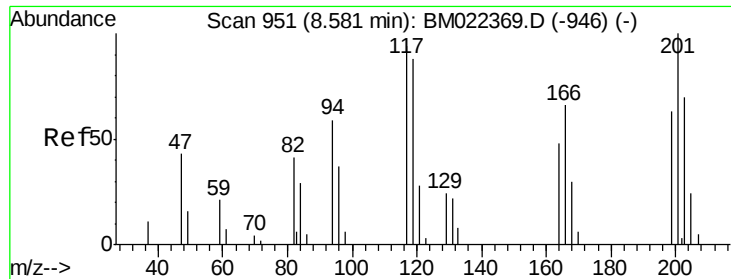
Tgt Ion: 108 Resp: 40408

Ion Ratio Lower Upper

108 100

107 113.6 90.8 136.2

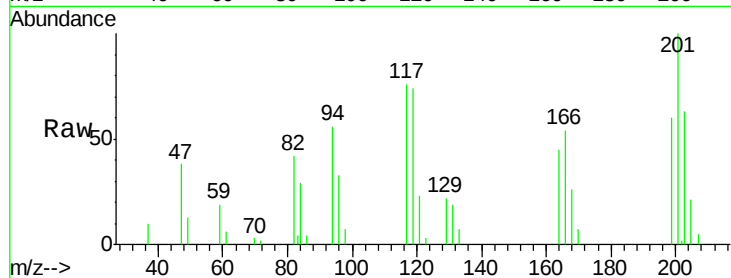




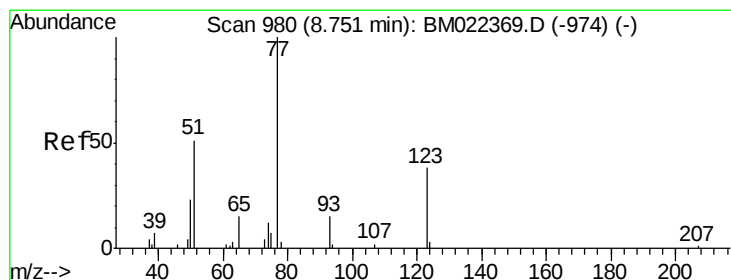
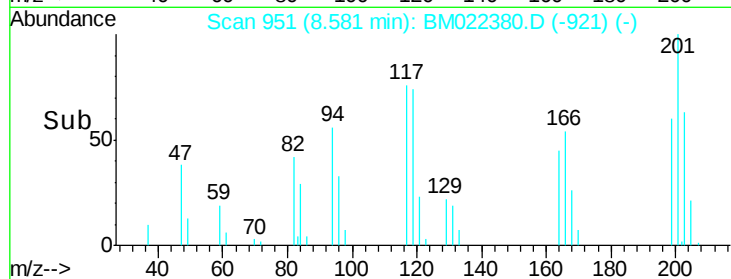
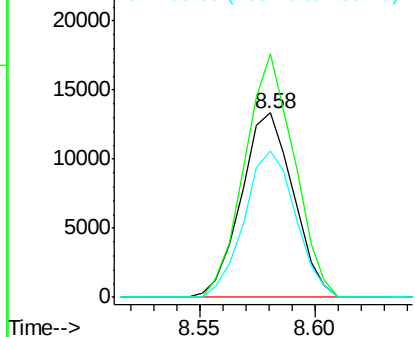
#17
Hexachloroethane
Concen: 21.900 ng/ul
RT: 8.58 min Scan# 951
Delta R.T. -0.02 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Instrument :
BNA_M
ClientSampleId :
SSTD02060

Tot Ion:117 Resp: 21013
Ion Ratio Lower Upper
117 100
201 131.9 95.9 143.9
199 79.2 60.6 90.8

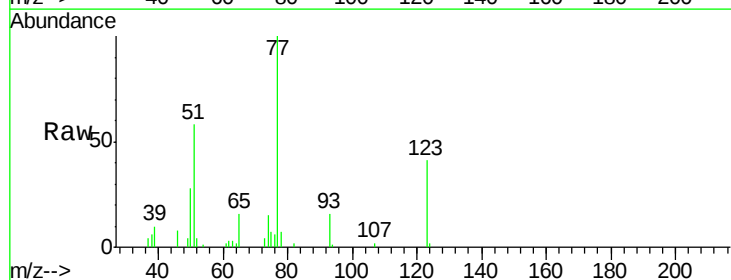


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

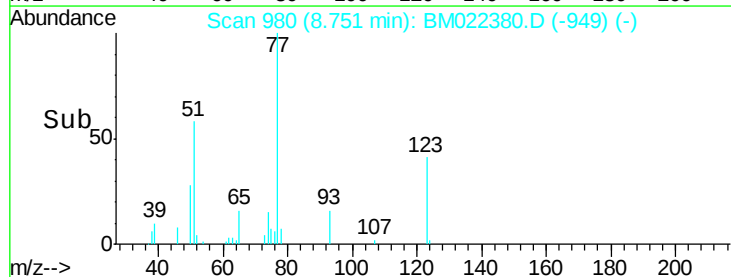
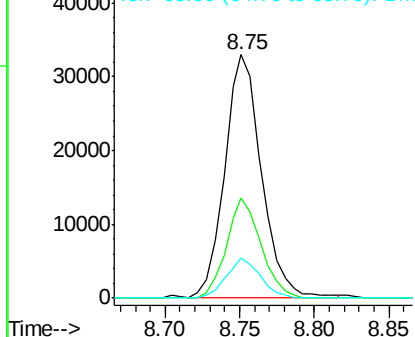


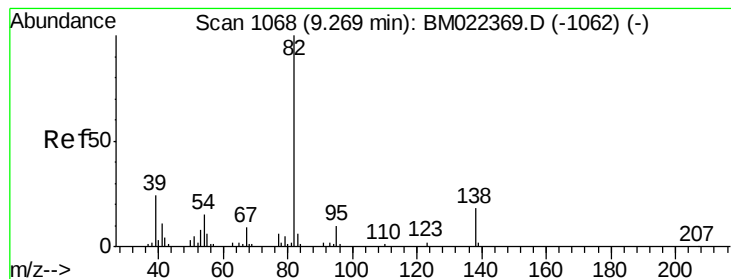
#20
Nitrobenzene
Concen: 21.092 ng/ul
RT: 8.75 min Scan# 980
Delta R.T. -0.02 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Tgt Ion: 77 Resp: 56845
Ion Ratio Lower Upper
77 100
123 41.2 31.0 46.4
65 16.2 12.2 18.2



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





#21

Isophorone

Concen: 18.862 ng/ul

RT: 9.27 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

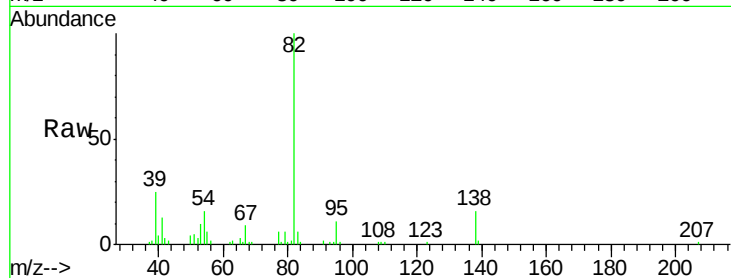
Tot Ion: 82 Resp: 92650

Ion Ratio Lower Upper

82 100

95 10.7 7.2 10.8

138 16.4 13.8 20.6

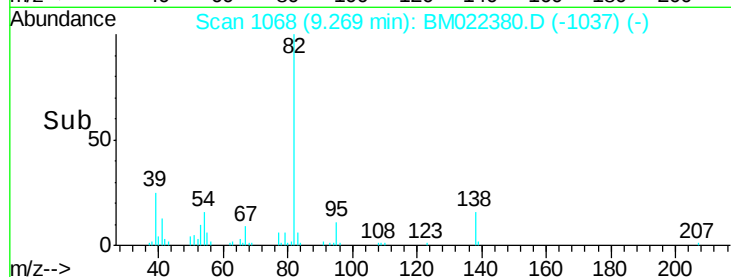


Abundance Ion 82.00 (81.70 to 82.70): BM022369.D (-1062) (-)

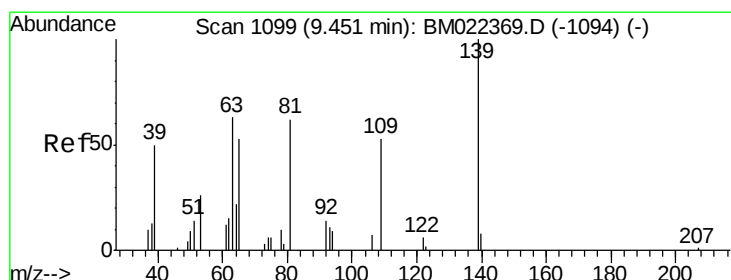
Ion 95.00 (94.70 to 95.70): BM022369.D (-1062) (-)

Ion 138.00 (137.70 to 138.70): BM022369.D (-1062) (-)

Time-->



Time-->



#23

2-Nitrophenol

Concen: 21.732 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

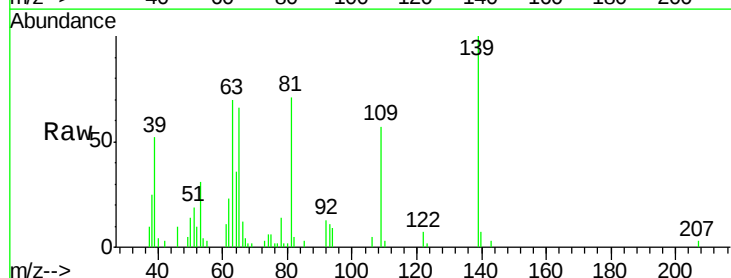
Tgt Ion: 139 Resp: 25425

Ion Ratio Lower Upper

139 100

65 66.0 48.9 73.3

109 57.0 39.7 59.5

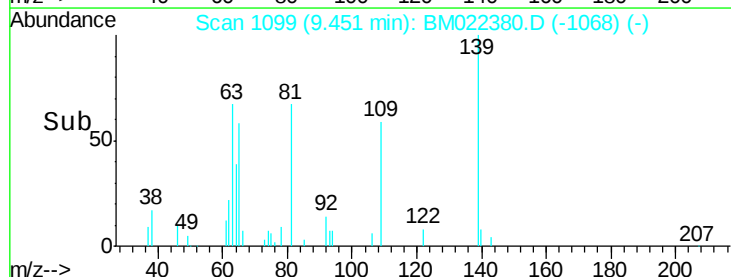


Abundance Ion 139.00 (138.70 to 139.70): BM022369.D (-1094) (-)

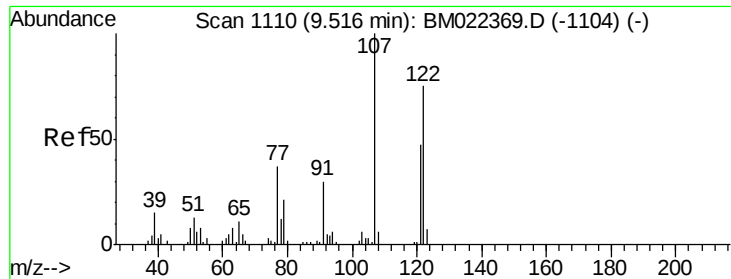
Ion 65.00 (64.70 to 65.70): BM022369.D (-1094) (-)

Ion 109.00 (108.70 to 109.70): BM022369.D (-1094) (-)

Time-->



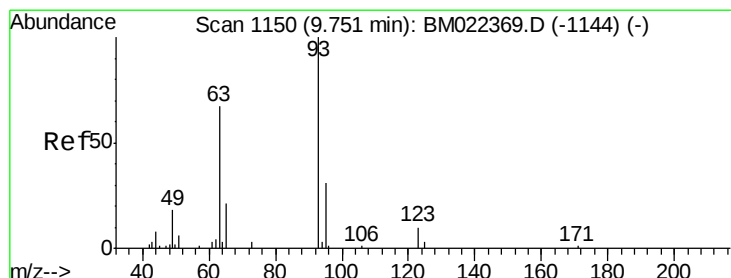
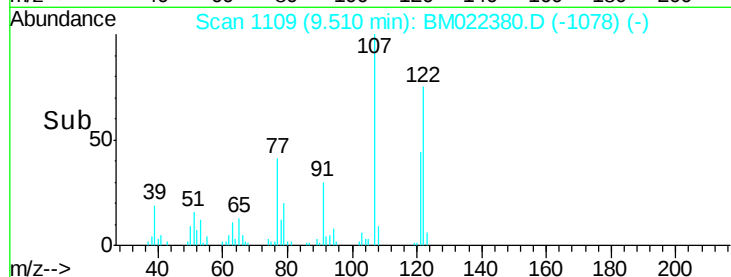
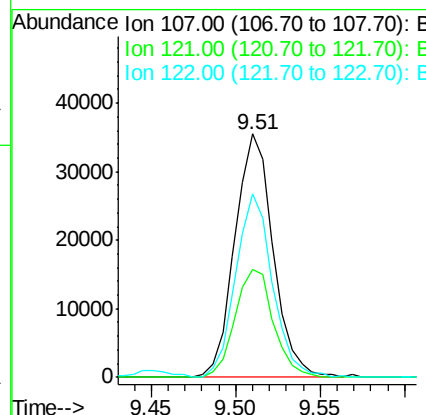
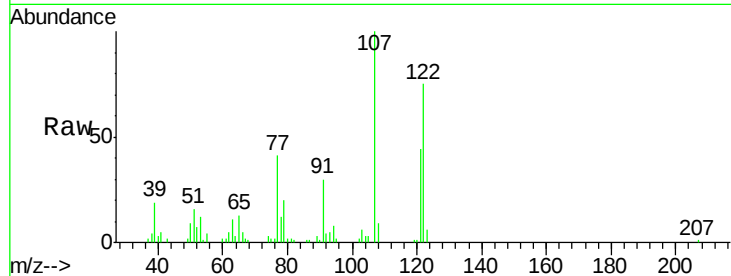
Time-->



#24
 2,4-Dimethylphenol
 Concen: 20.416 ng/ul
 RT: 9.51 min Scan# 1109
 Delta R.T. -0.02 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

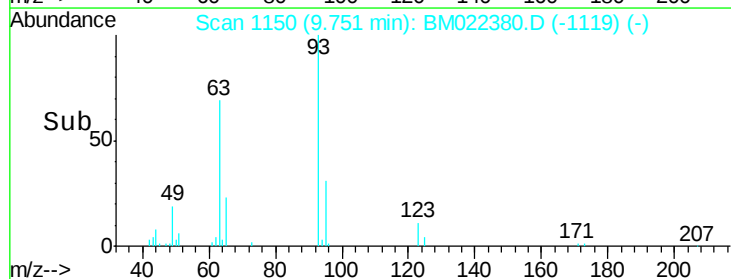
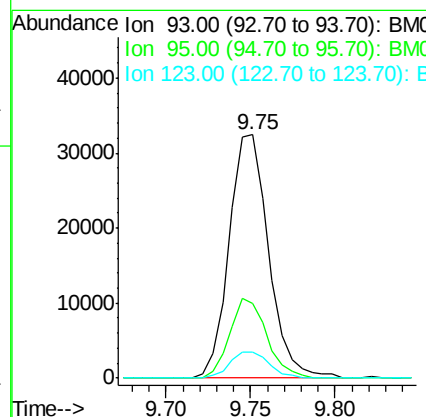
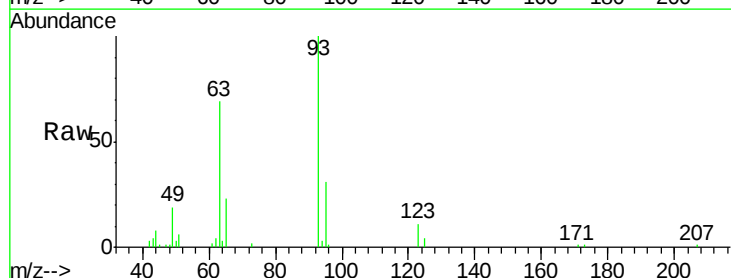
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02060

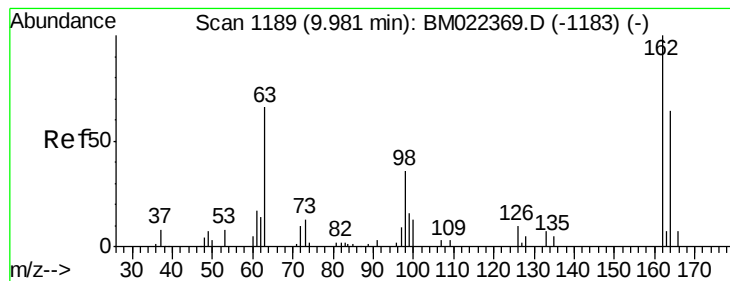
Tot Ion:107 Resp: 56018
 Ion Ratio Lower Upper
 107 100
 121 44.4 33.6 50.4
 122 75.4 58.0 87.0



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.882 ng/ul
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.02 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

Tgt Ion: 93 Resp: 52725
 Ion Ratio Lower Upper
 93 100
 95 30.7 26.5 39.7
 123 10.8 8.4 12.6





#27

2,4-Dichlorophenol

Concen: 21.739 ng/ul

RT: 9.97 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

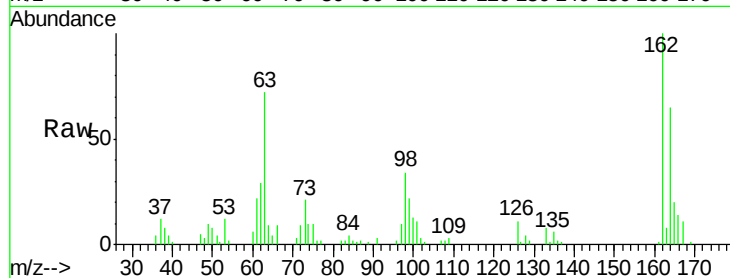
Tot Ion:162 Resp: 47760

Ion Ratio Lower Upper

162 100

164 65.1 52.1 78.1

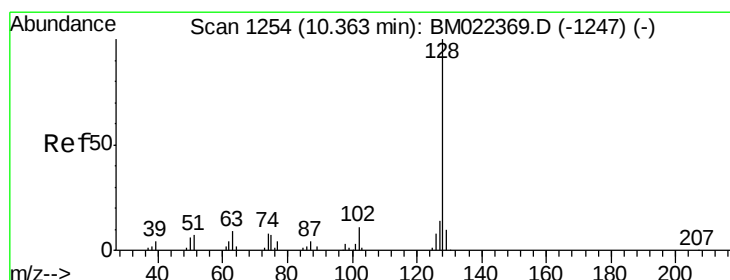
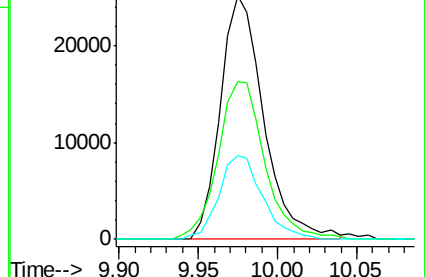
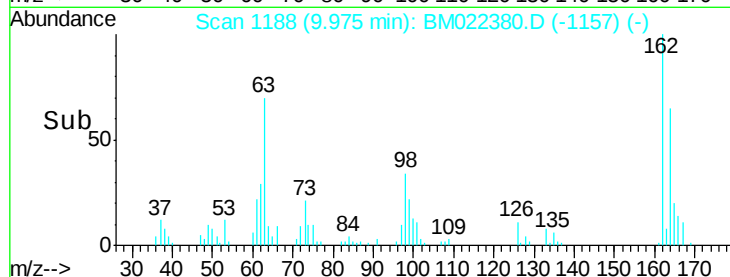
98 34.5 29.2 43.8



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): B



#28

Naphthalene

Concen: 19.973 ng/ul

RT: 10.36 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

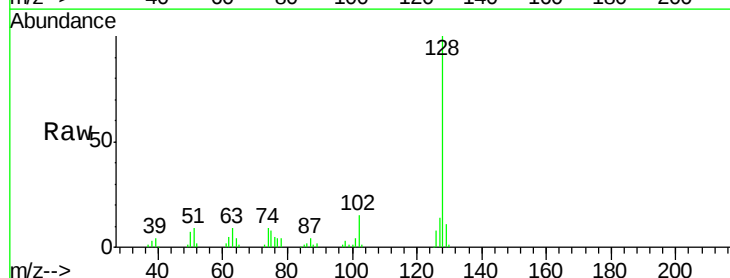
Tgt Ion:128 Resp: 135291

Ion Ratio Lower Upper

128 100

129 11.1 8.6 13.0

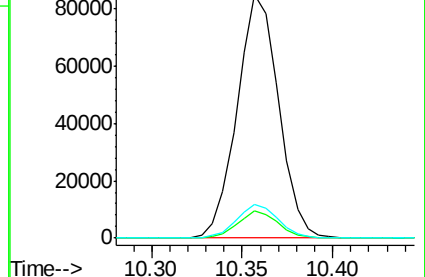
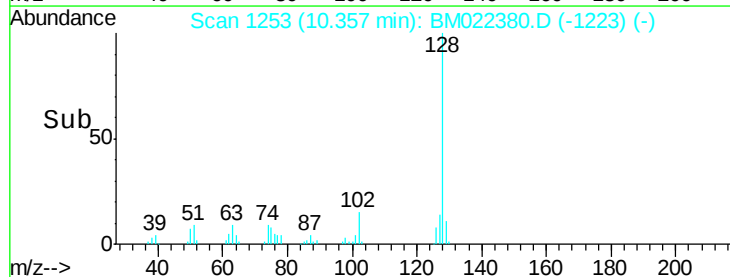
127 13.7 10.4 15.6

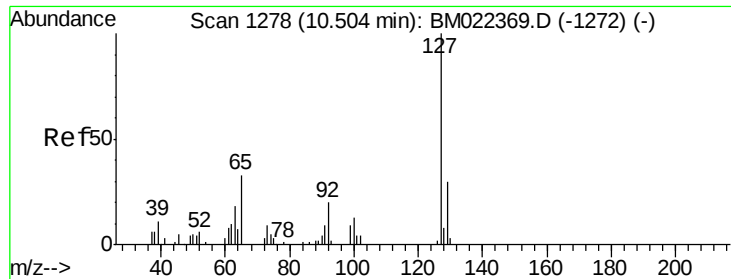


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

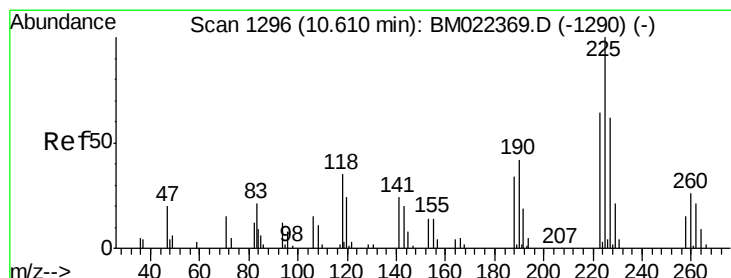
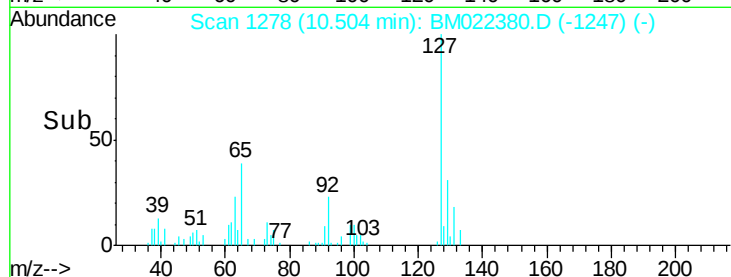
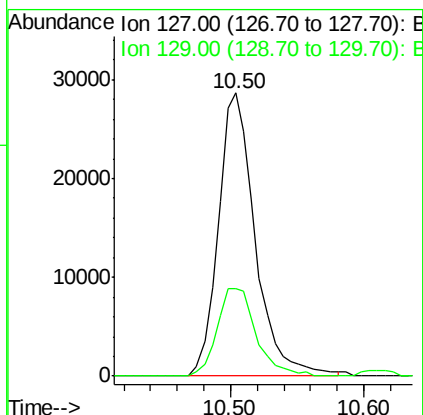
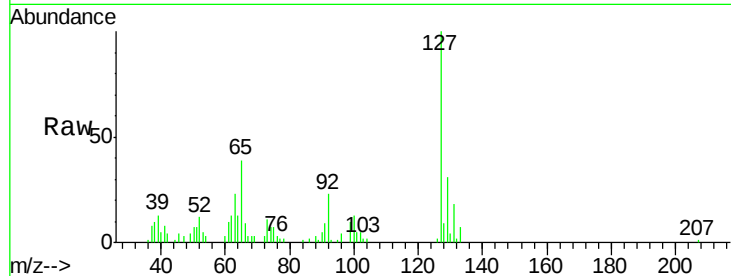




#30
4-Chloroaniline
Concen: 20.135 ng/ul
RT: 10.50 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

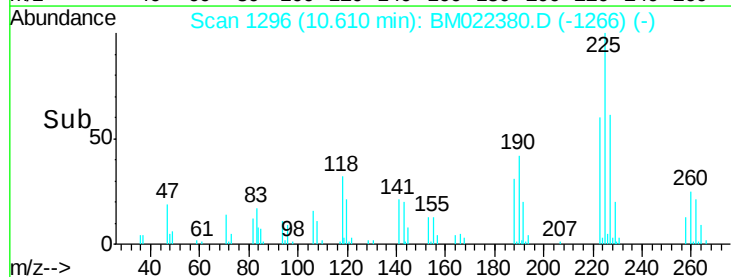
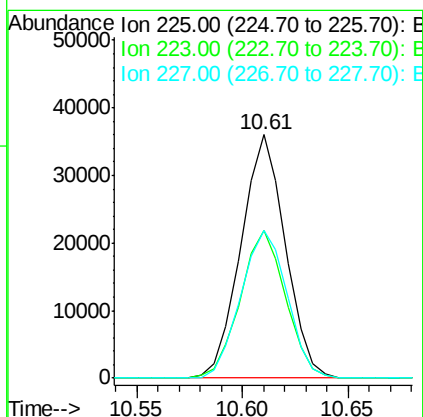
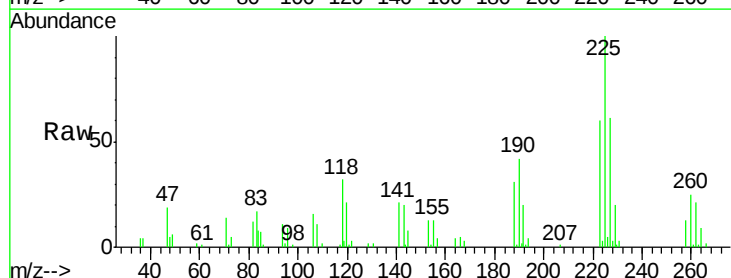
Instrument :
BNA_M
ClientSampleId :
SSTD02060

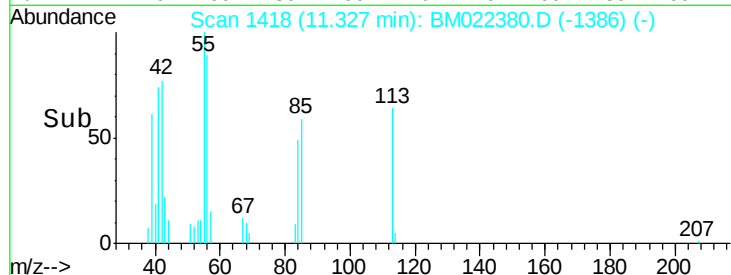
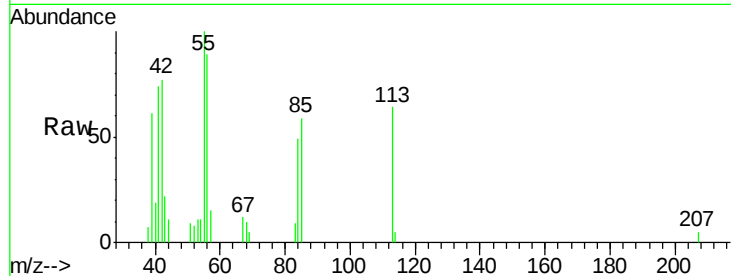
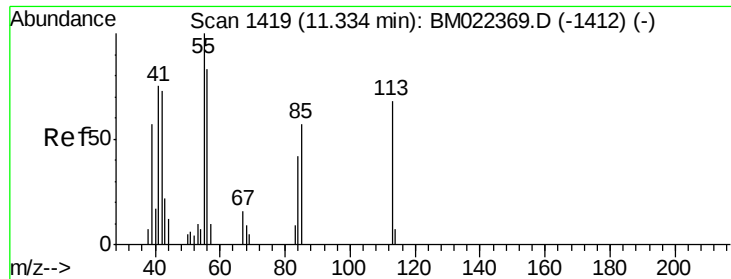
Tot Ion:127 Resp: 55270
Ion Ratio Lower Upper
127 100
129 31.0 24.2 36.4



#31
Hexachlorobutadiene
Concen: 24.984 ng/ul
RT: 10.61 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Tgt Ion:225 Resp: 52647
Ion Ratio Lower Upper
225 100
223 60.4 49.5 74.3
227 60.8 50.3 75.5





#32

Caprolactam

Concen: 16.185 ng/ul

RT: 11.33 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

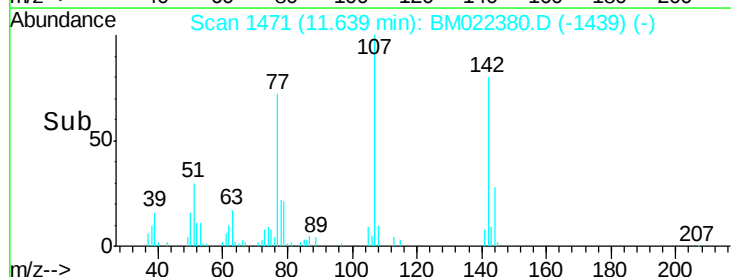
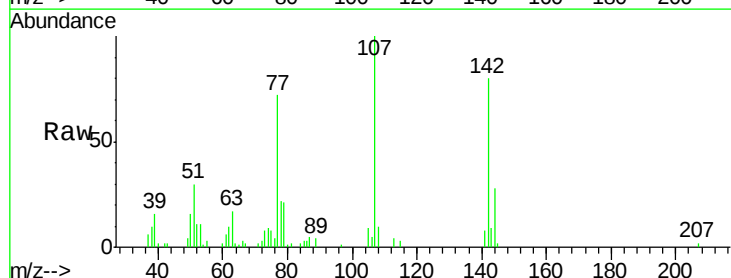
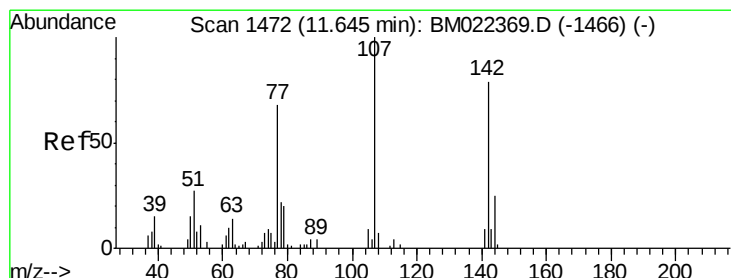
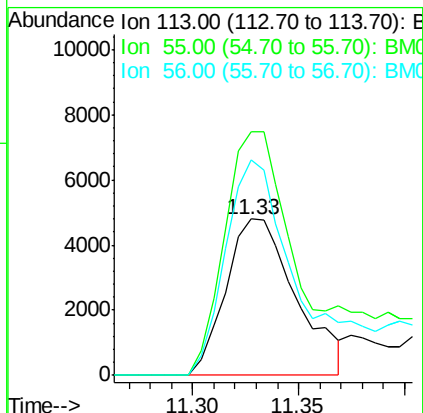
Tot Ion:113 Resp: 11036

Ion Ratio Lower Upper

113 100

55 155.9 111.6 167.4

56 138.2 104.6 157.0



#33

4-Chloro-3-methylphenol

Concen: 20.964 ng/ul

RT: 11.64 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

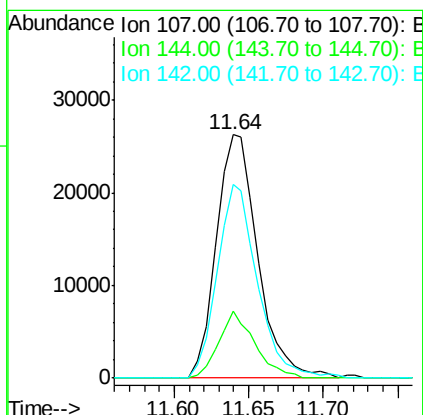
Tgt Ion:107 Resp: 50849

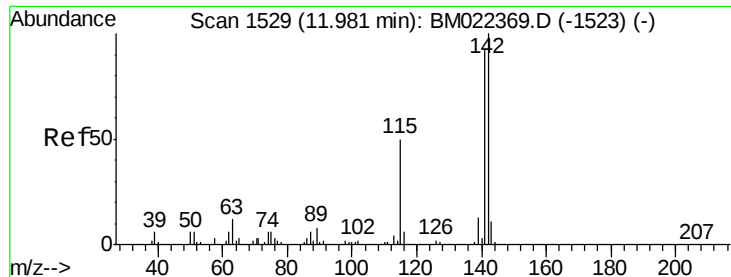
Ion Ratio Lower Upper

107 100

144 27.7 19.8 29.8

142 79.6 61.5 92.3

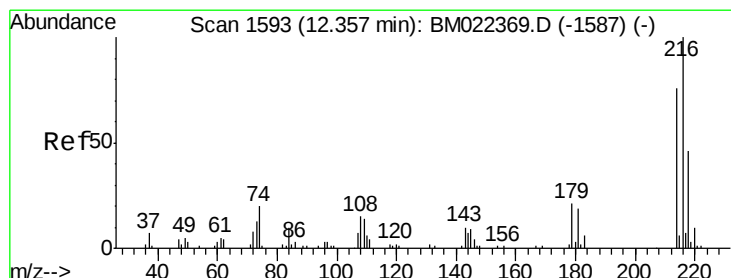
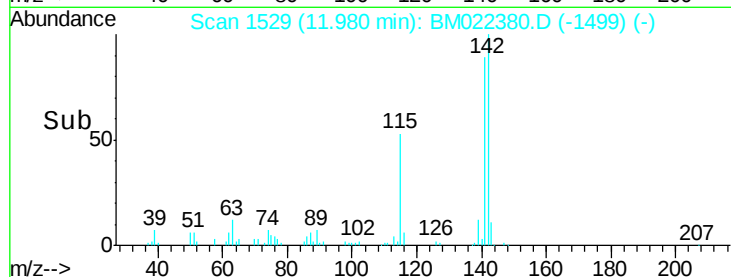
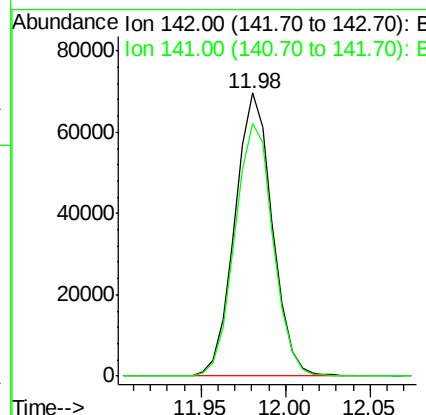
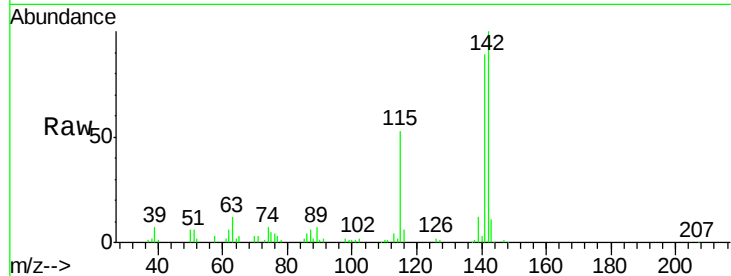




#34
 2-Methylnaphthalene
 Concen: 20.578 ng/ul
 RT: 11.98 min Scan# 1529
 Delta R.T. -0.02 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

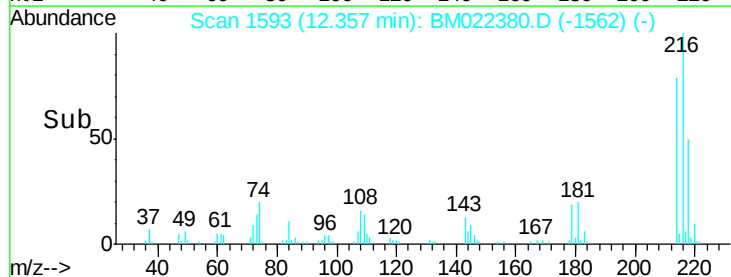
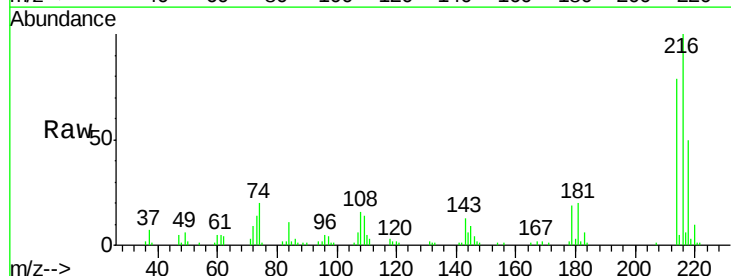
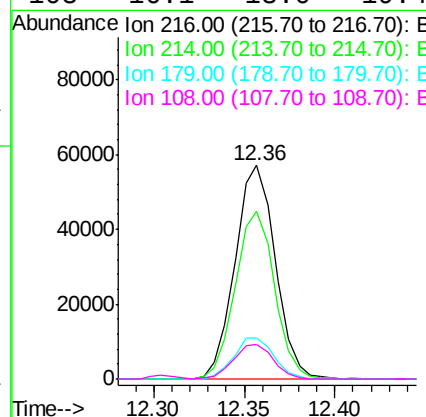
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02060

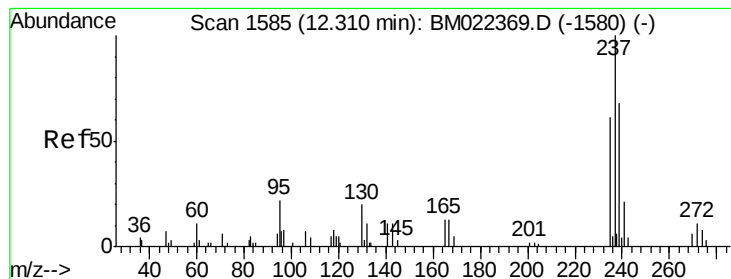
Tot Ion:142 Resp: 107396
 Ion Ratio Lower Upper
 142 100
 141 89.2 75.1 112.7



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.914 ng/ul
 RT: 12.36 min Scan# 1593
 Delta R.T. -0.02 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

Tgt Ion:216 Resp: 88112
 Ion Ratio Lower Upper
 216 100
 214 78.6 61.0 91.4
 179 19.3 16.7 25.1
 108 16.1 13.0 19.4





#37

Hexachlorocyclopentadiene

Concen: 14.852 ng/ul

RT: 12.30 min Scan# 1584

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

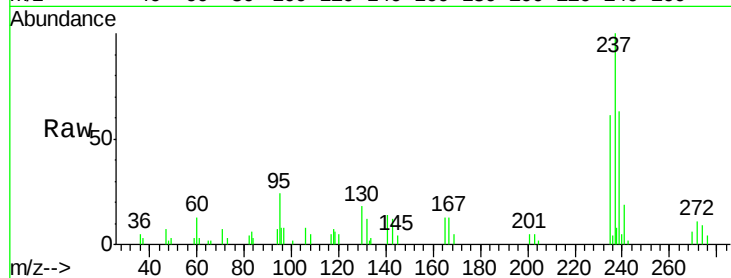
Tot Ion:237 Resp: 26499

Ion Ratio Lower Upper

237 100

235 61.5 51.0 76.6

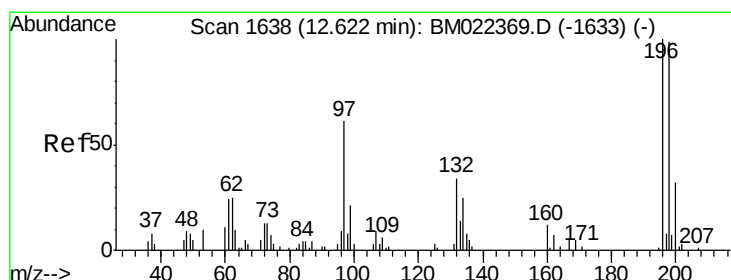
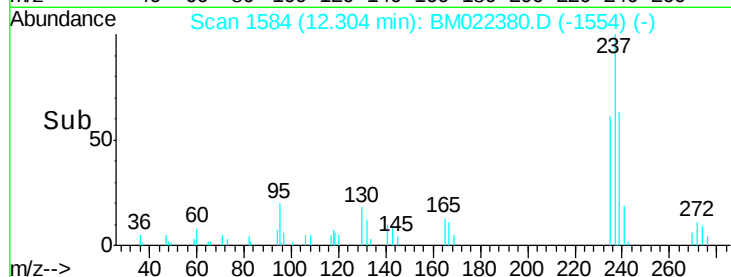
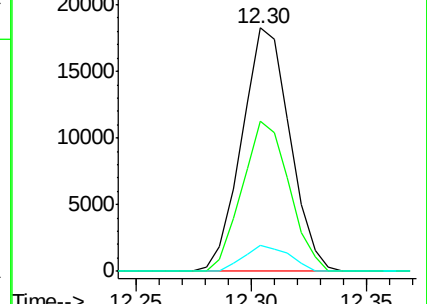
272 10.9 8.4 12.6



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: 22.153 ng/ul

RT: 12.62 min Scan# 1638

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

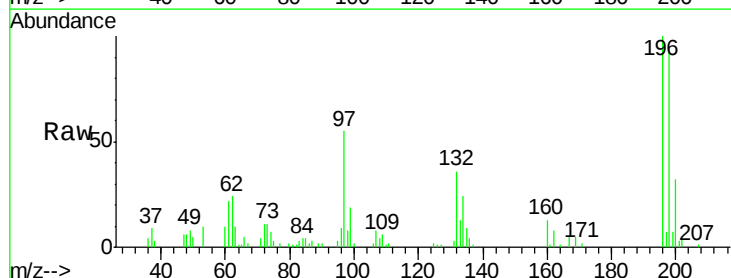
Tgt Ion:196 Resp: 47836

Ion Ratio Lower Upper

196 100

198 94.7 74.6 112.0

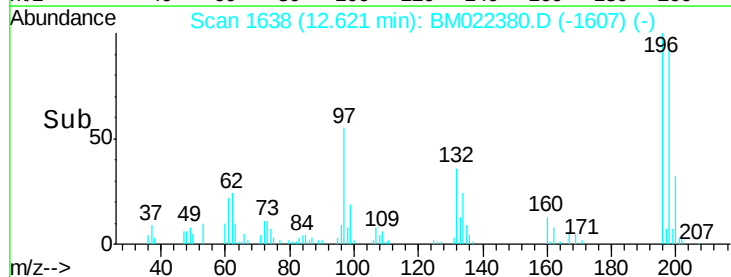
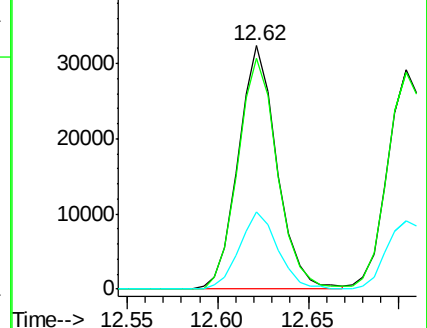
200 31.9 25.8 38.6

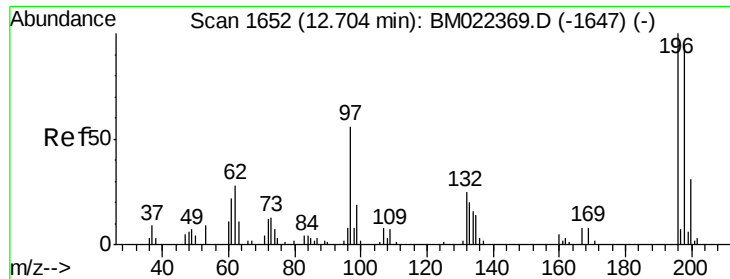


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

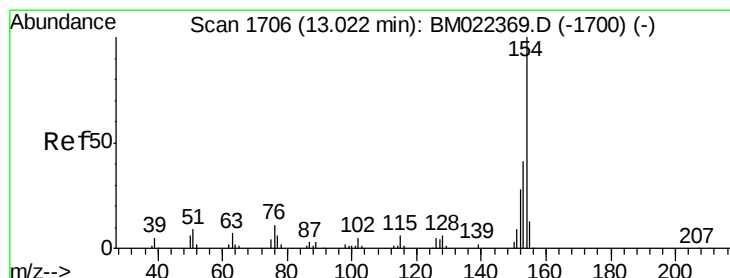
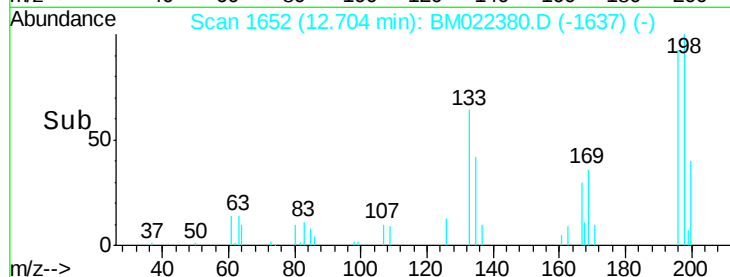
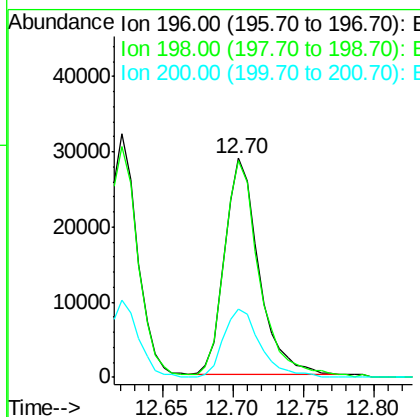
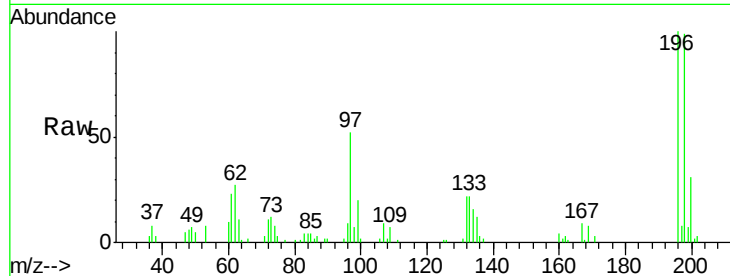




#39
 2,4,5-Trichlorophenol
 Concen: 20.483 ng/ul
 RT: 12.70 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

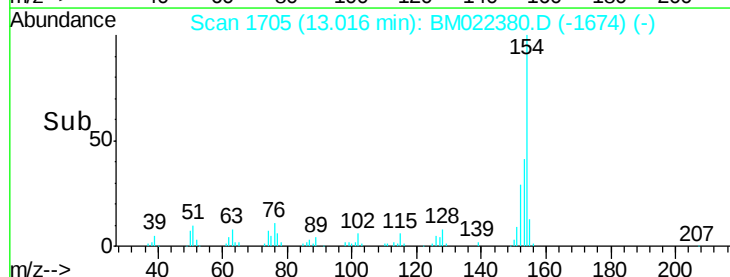
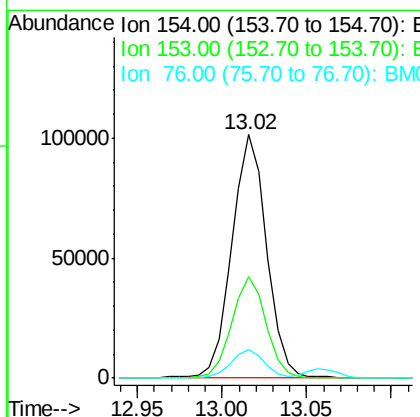
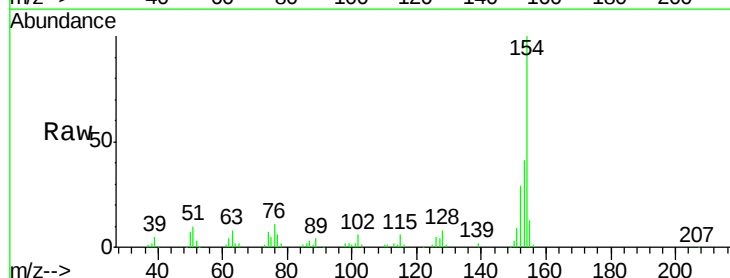
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02060

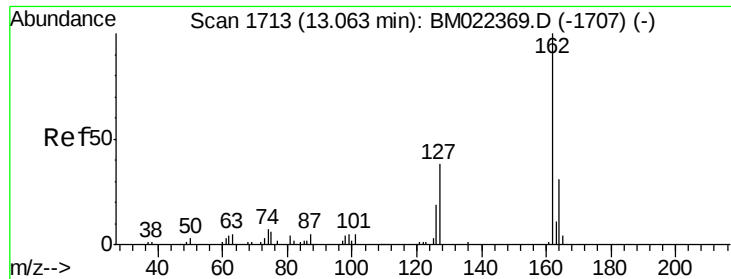
Tot Ion:196 Resp: 48378
 Ion Ratio Lower Upper
 196 100
 198 98.8 76.1 114.1
 200 31.4 25.4 38.2



#40
 1,1'-Biphenyl
 Concen: 19.151 ng/ul
 RT: 13.02 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

Tgt Ion:154 Resp: 144917
 Ion Ratio Lower Upper
 154 100
 153 41.4 32.5 48.7
 76 11.5 9.2 13.8

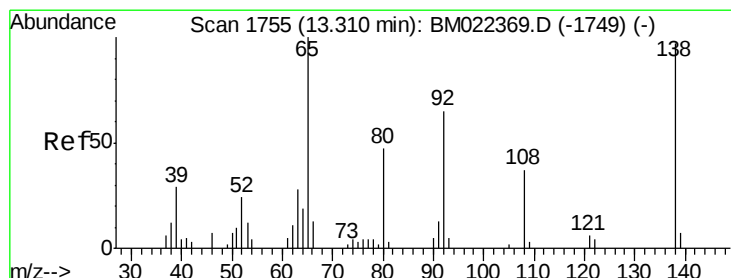
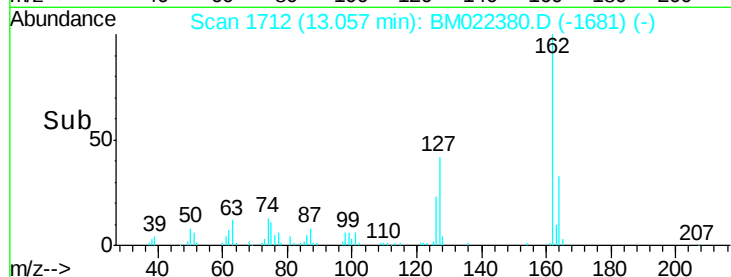
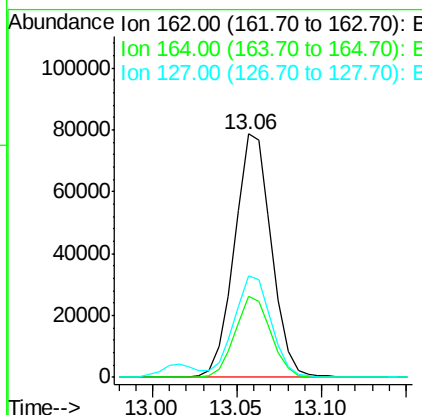
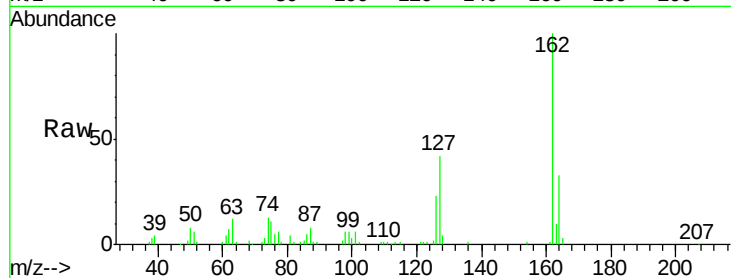




#41
2-Chloronaphthalene
Concen: 20.256 ng/ul
RT: 13.06 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

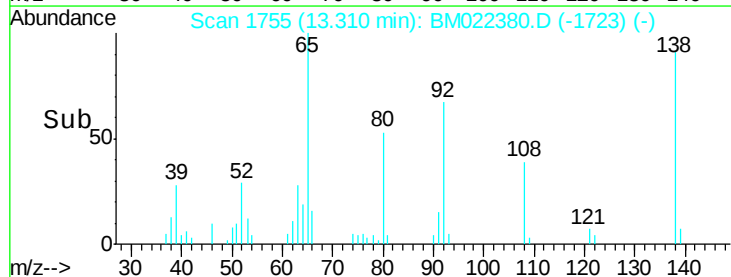
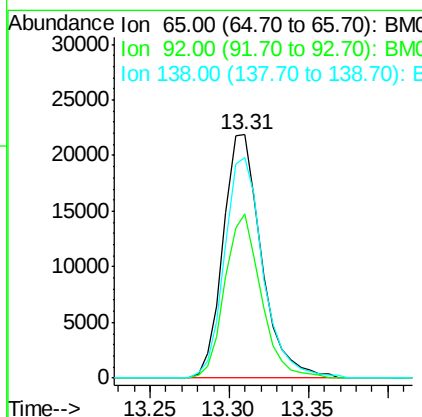
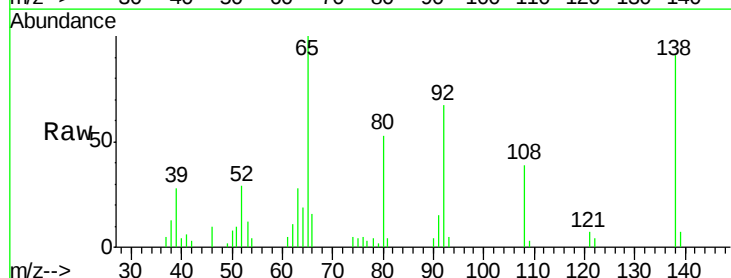
Instrument :
BNA_M
ClientSampleId :
SSTD02060

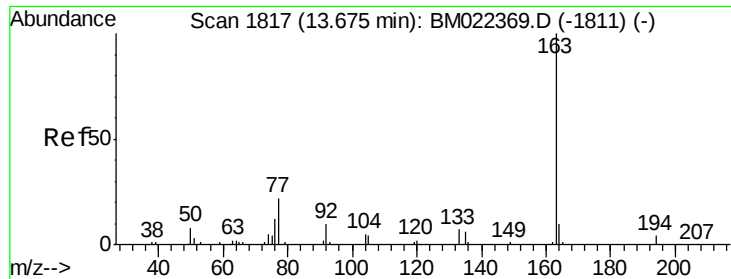
Tot Ion:162 Resp: 119463
Ion Ratio Lower Upper
162 100
164 33.2 25.4 38.2
127 41.5 32.5 48.7



#42
2-Nitroaniline
Concen: 20.478 ng/ul
RT: 13.31 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Tgt Ion: 65 Resp: 36908
Ion Ratio Lower Upper
65 100
92 67.3 51.2 76.8
138 90.8 73.6 110.4





#44

Dimethylphthalate

Concen: 19.183 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

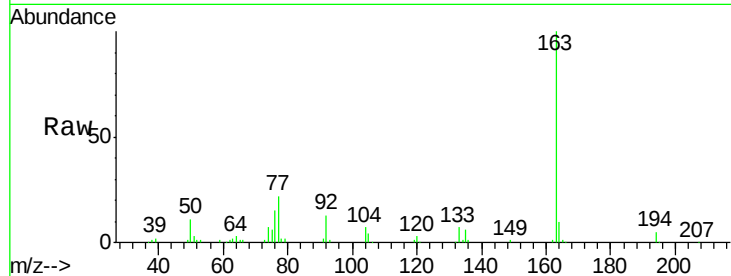
Tot Ion:163 Resp: 159827

Ion Ratio Lower Upper

163 100

194 4.7 3.0 4.6#

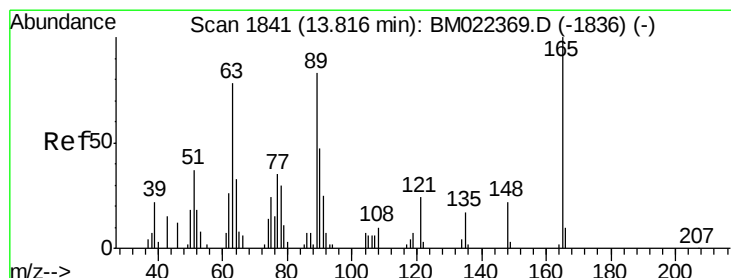
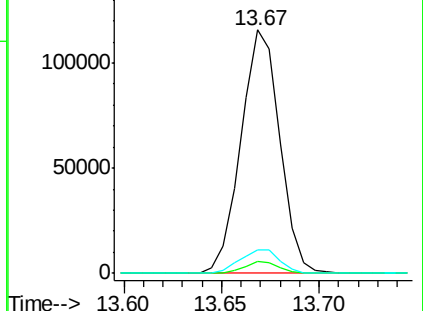
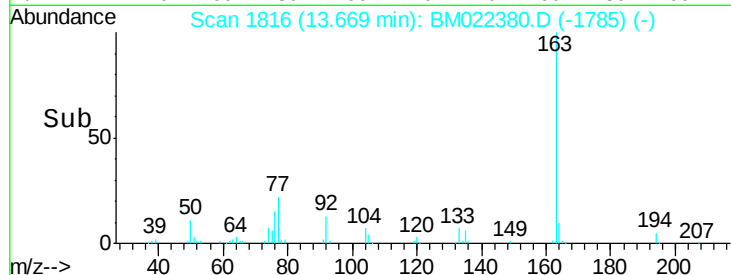
164 9.9 7.8 11.8



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: 19.966 ng/ul

RT: 13.82 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

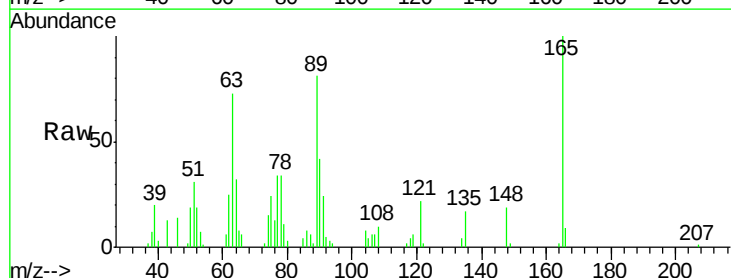
Tgt Ion:165 Resp: 31945

Ion Ratio Lower Upper

165 100

89 81.2 63.8 95.6

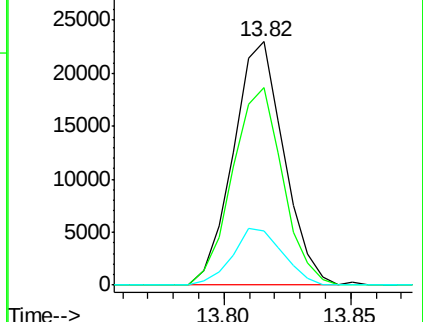
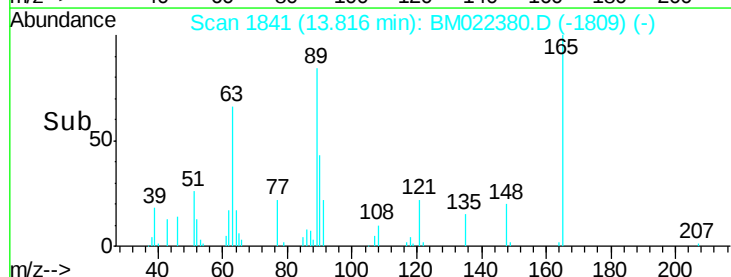
121 22.4 17.8 26.8

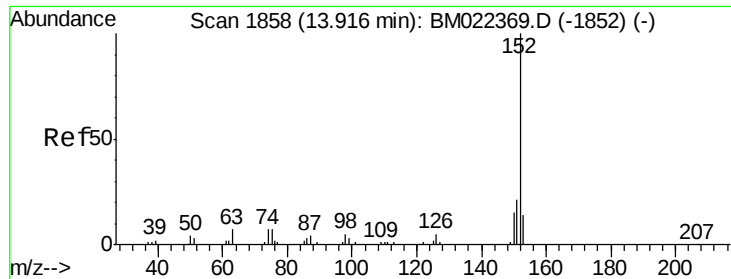


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.254 ng/ul

RT: 13.92 min Scan# 1858

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

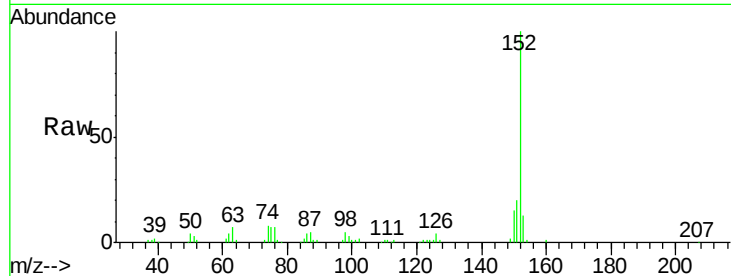
Tot Ion:152 Resp: 176084

Ion Ratio Lower Upper

152 100

151 19.6 16.0 24.0

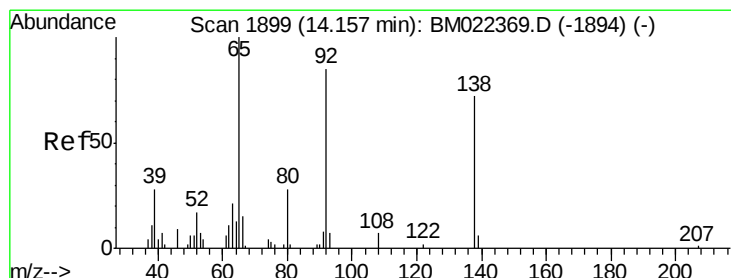
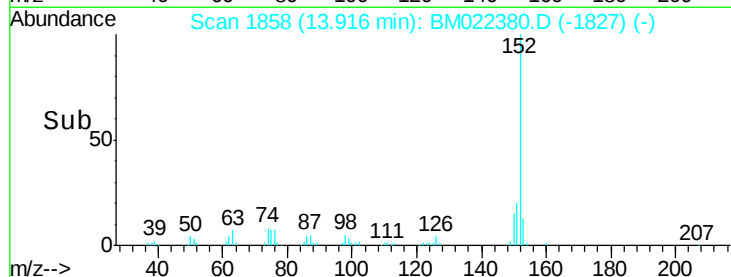
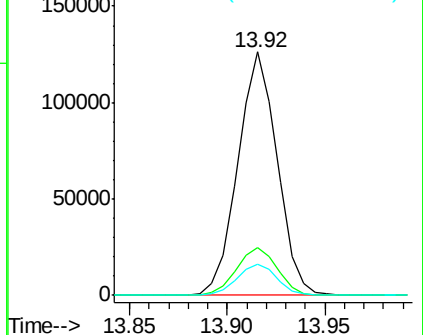
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 20.164 ng/ul

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

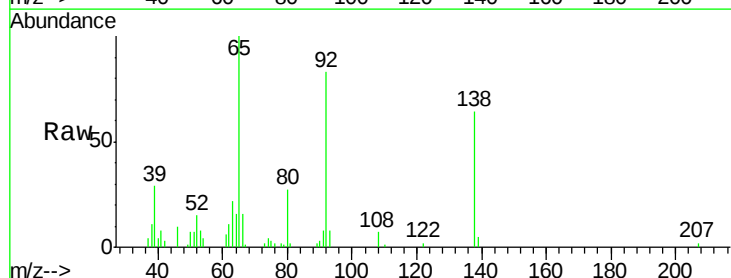
Tgt Ion:138 Resp: 27465

Ion Ratio Lower Upper

138 100

108 10.6 8.4 12.6

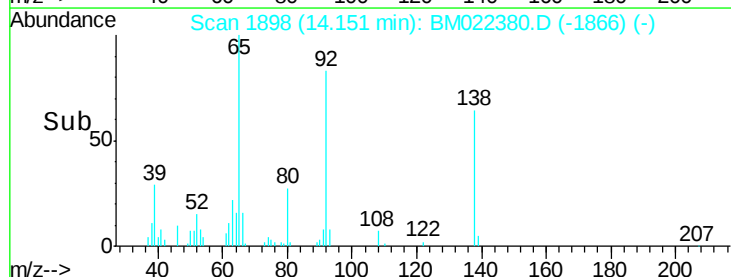
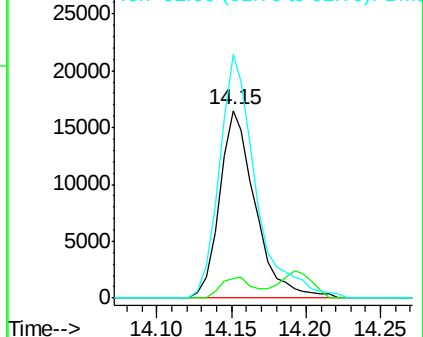
92 130.0 90.1 135.1

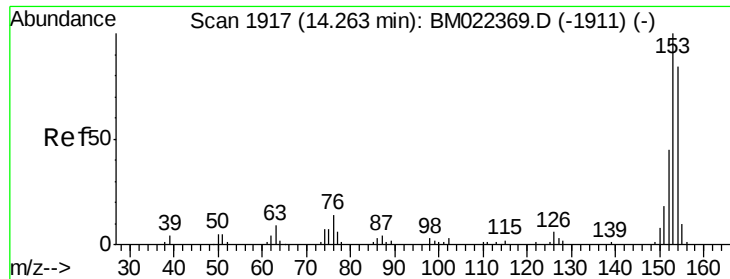


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.810 ng/ul

RT: 14.26 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

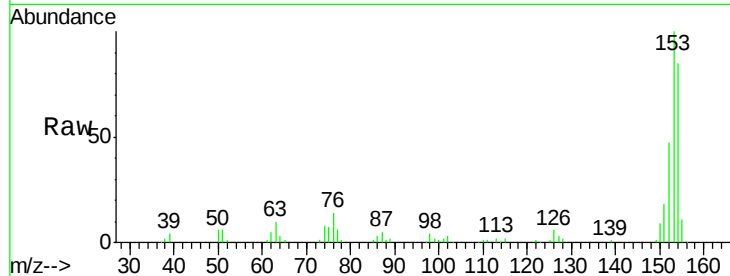
Tot Ion:153 Resp: 128628

Ion Ratio Lower Upper

153 100

152 47.0 38.6 58.0

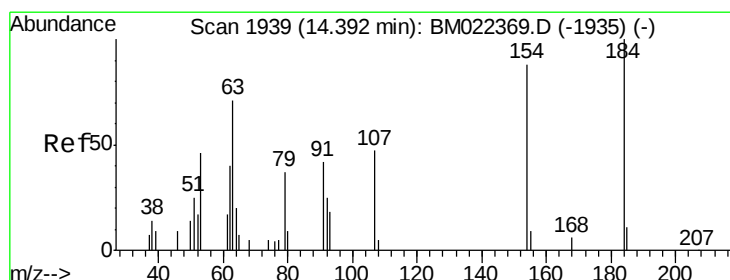
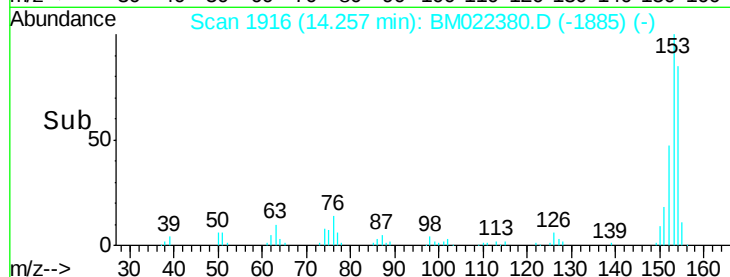
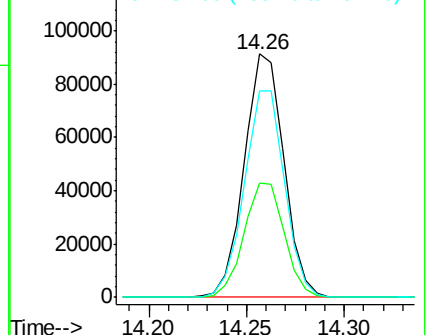
154 84.8 68.9 103.3



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: 15.313 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

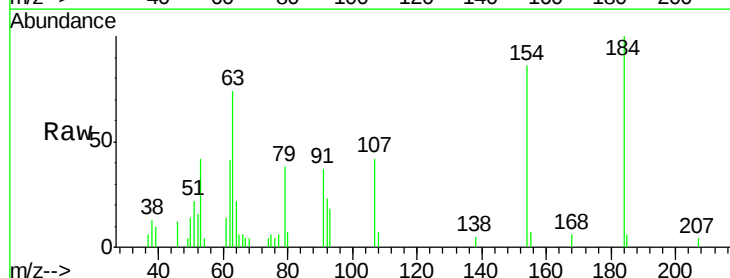
Tgt Ion:184 Resp: 14651

Ion Ratio Lower Upper

184 100

63 73.8 63.4 95.0

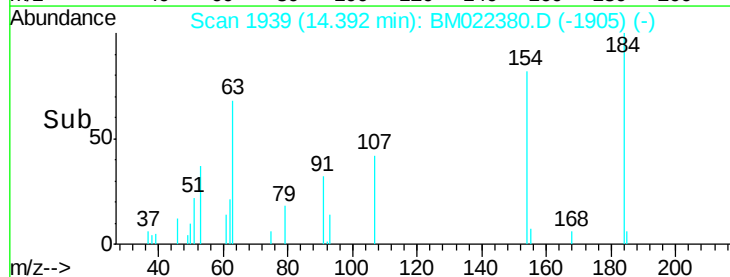
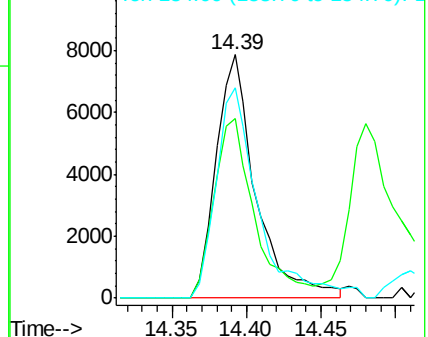
154 86.5 72.6 108.8

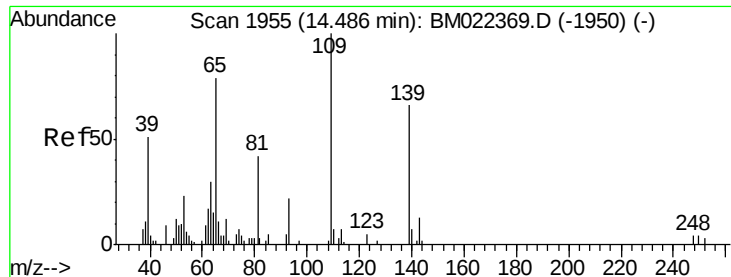


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

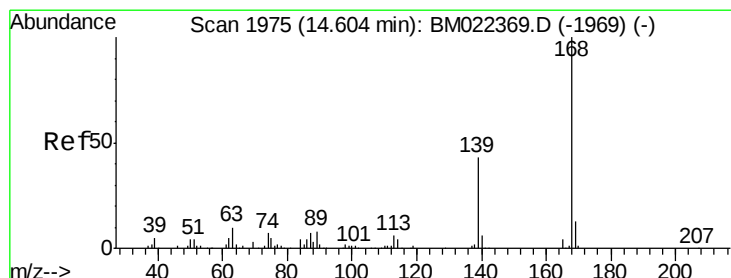
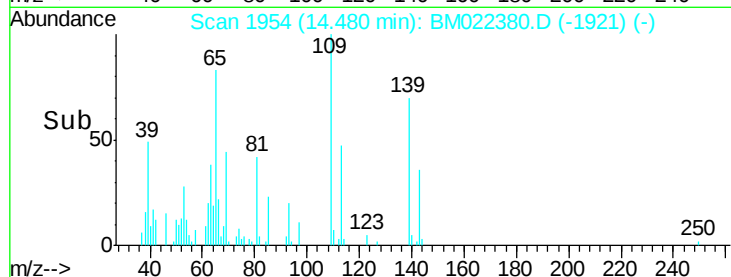
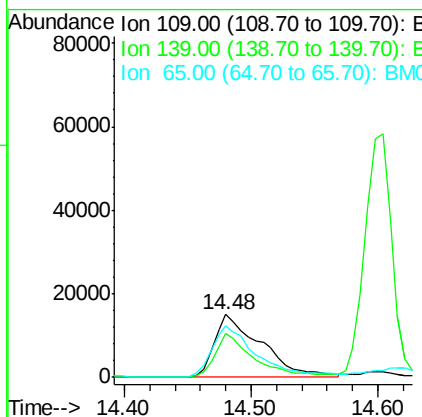
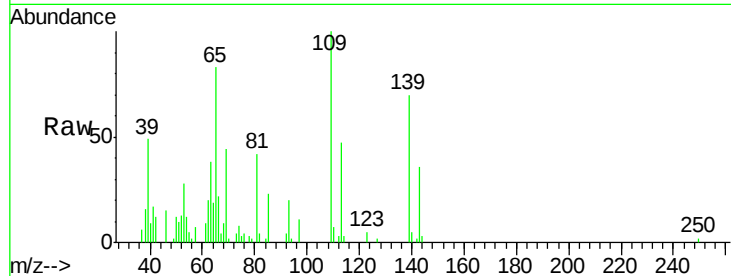




#52
4-Nitrophenol
Concen: 19.159 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

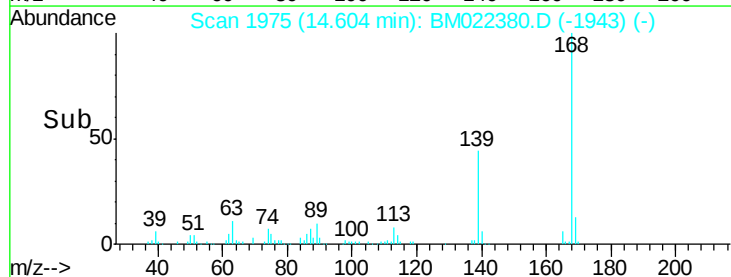
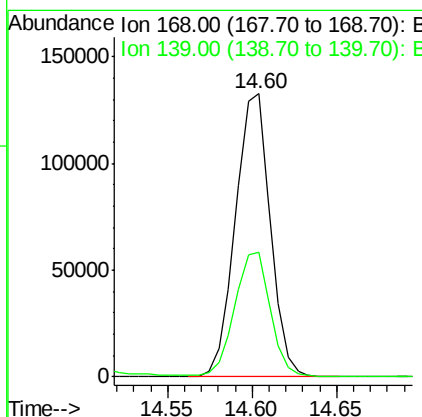
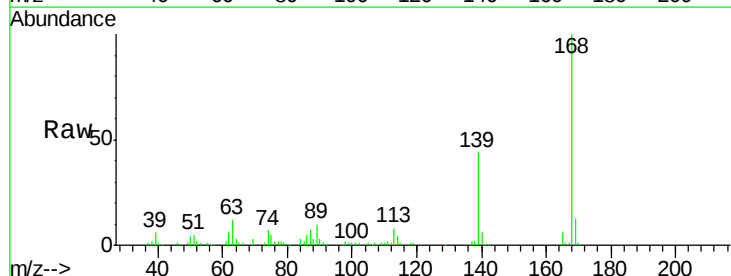
Instrument :
BNA_M
ClientSampleId :
SSTD02060

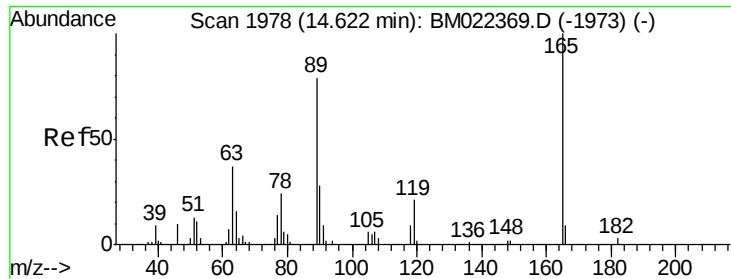
Tot Ion:109 Resp: 38620
Ion Ratio Lower Upper
109 100
139 69.8 61.0 91.4
65 83.1 73.4 110.2



#53
Dibenzofuran
Concen: 19.737 ng/ul
RT: 14.60 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Tgt Ion:168 Resp: 190872
Ion Ratio Lower Upper
168 100
139 43.9 36.2 54.4

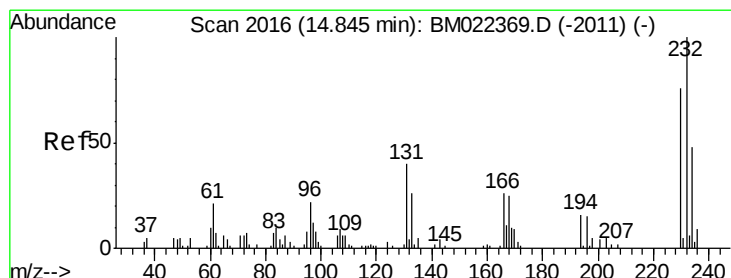
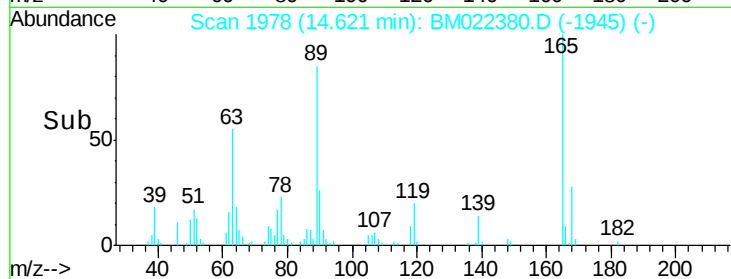
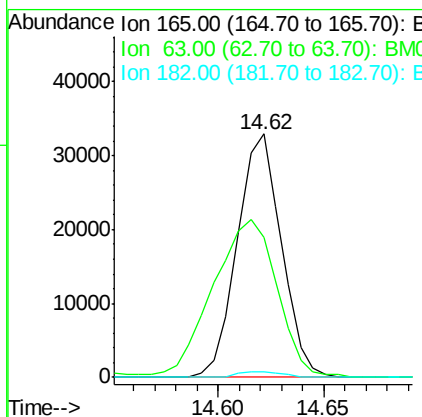
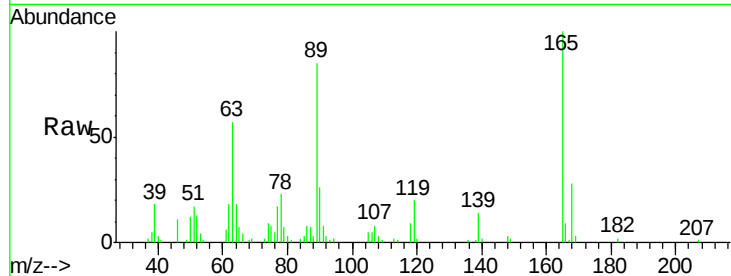




#54
 2,4-Dinitrotoluene
 Concen: 19.307 ng/ul
 RT: 14.62 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

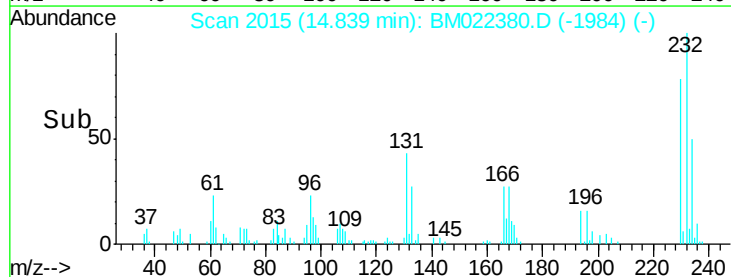
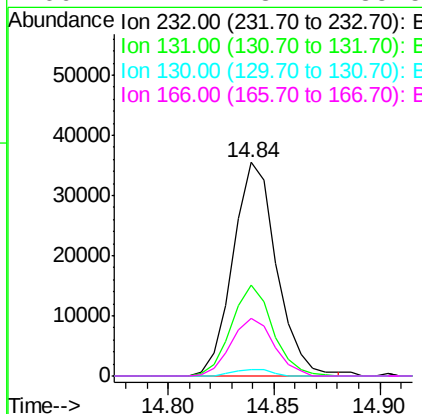
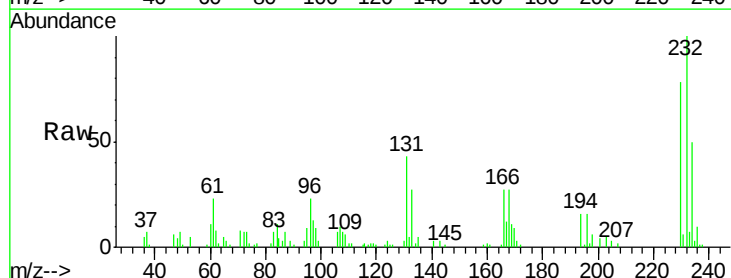
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02060

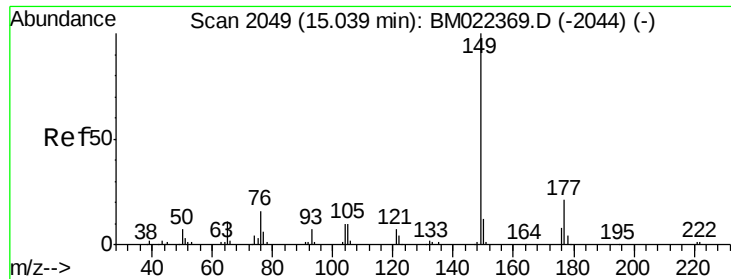
Tot Ion:165 Resp: 47748
 Ion Ratio Lower Upper
 165 100
 63 57.2 52.4 78.6
 182 2.2 2.2 3.4#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.228 ng/ul
 RT: 14.84 min Scan# 2015
 Delta R.T. -0.02 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

Tgt Ion:232 Resp: 50836
 Ion Ratio Lower Upper
 232 100
 131 42.5 38.4 57.6
 130 3.2 2.6 3.8
 166 27.2 23.7 35.5

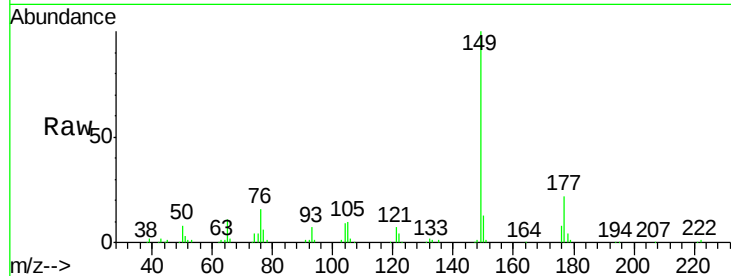




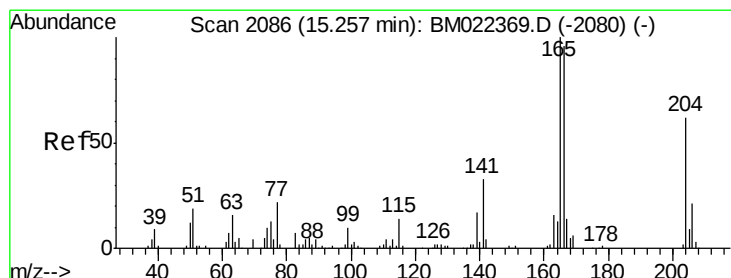
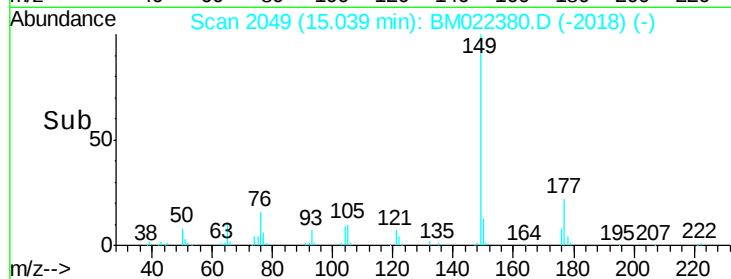
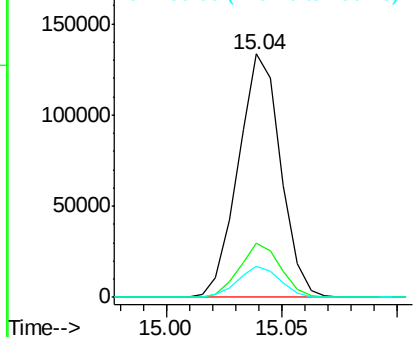
#56
Diethylphthalate
Concen: 19.154 ng/ul
RT: 15.04 min Scan# 2049
Delta R.T. -0.02 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Instrument :
BNA_M
ClientSampleId :
SSTD02060

Tot Ion:149 Resp: 171159
Ion Ratio Lower Upper
149 100
177 22.2 16.7 25.1
150 12.9 10.8 16.2

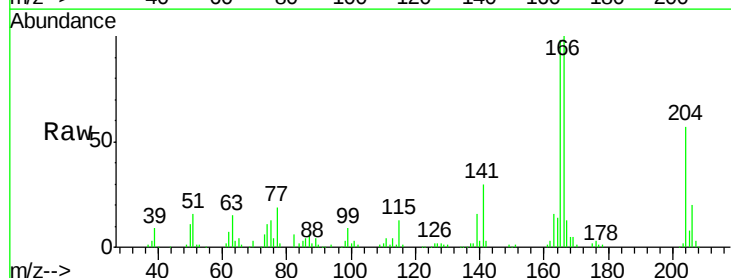


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

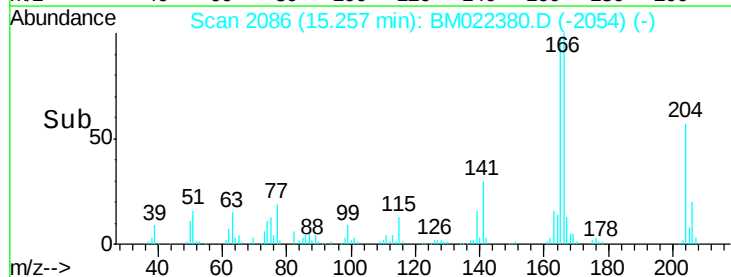
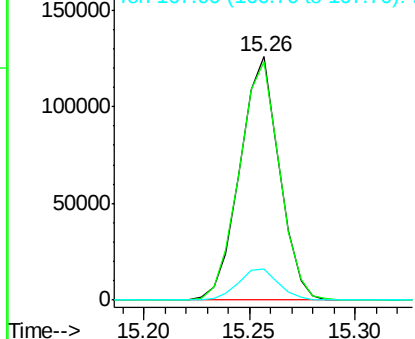


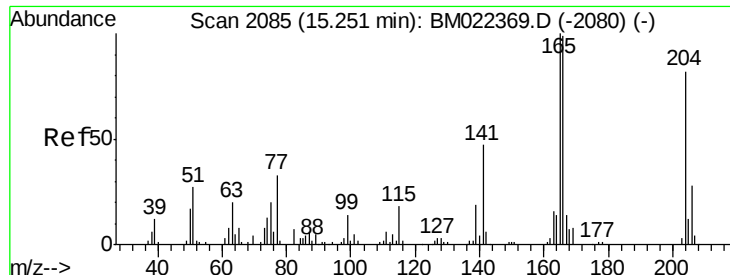
#58
Fluorene
Concen: 20.003 ng/ul
RT: 15.26 min Scan# 2086
Delta R.T. -0.01 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Tgt Ion:166 Resp: 162934
Ion Ratio Lower Upper
166 100
165 98.0 80.2 120.2
167 13.0 11.4 17.0



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

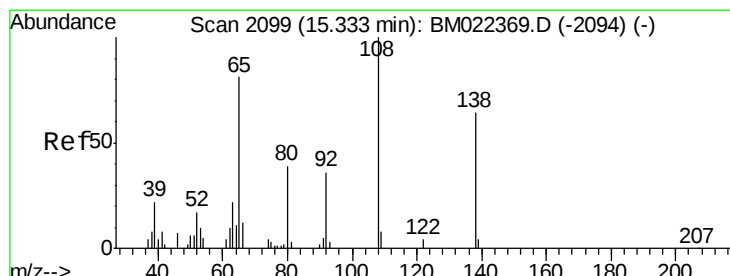
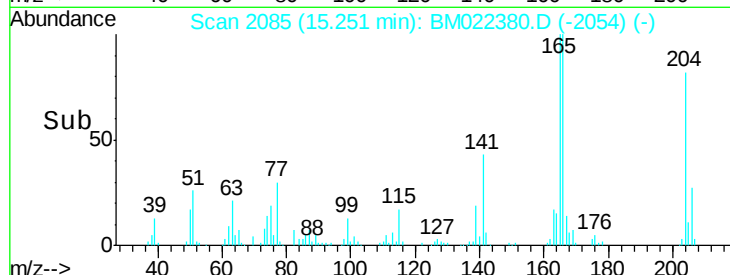
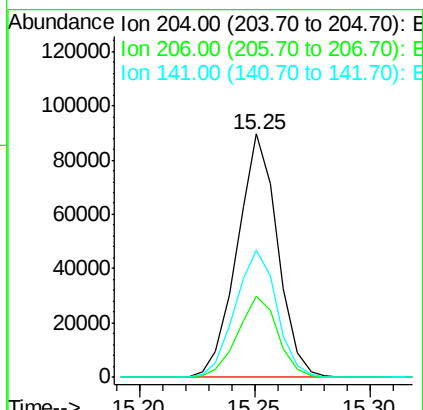
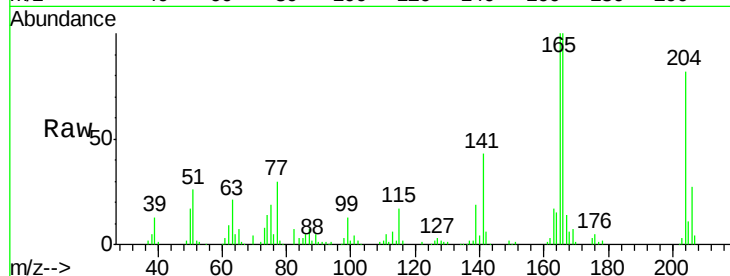




#59
4-Chlorophenyl-phenylether
Concen: 21.906 ng/ul
RT: 15.25 min Scan# 2085
Delta R.T. -0.02 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

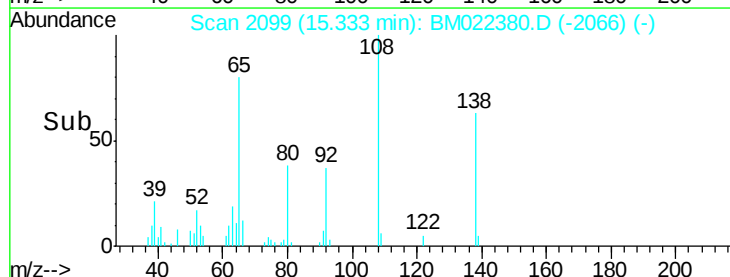
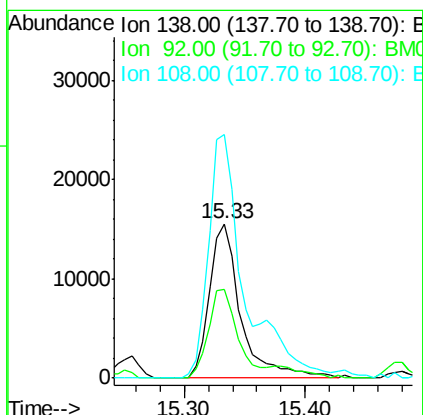
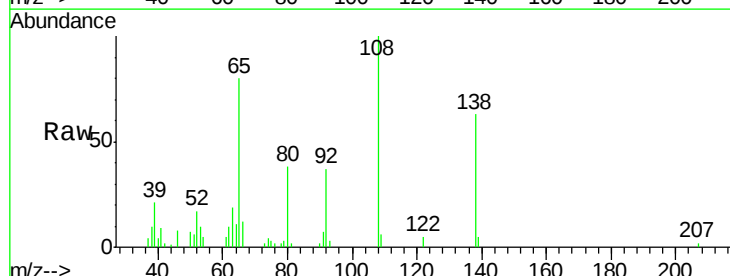
Instrument :
BNA_M
ClientSampleId :
SSTD02060

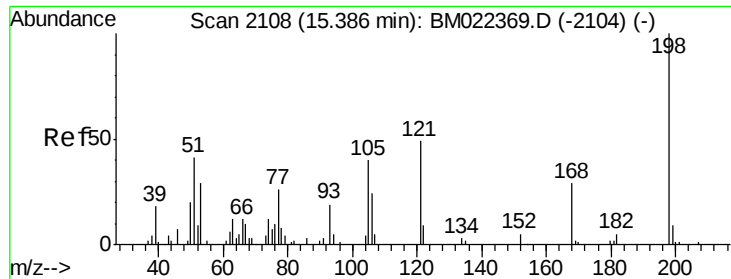
Tot Ion:204 Resp: 109244
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 52.3 44.7 67.1



#60
4-Nitroaniline
Concen: 19.679 ng/ul
RT: 15.33 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Tgt Ion:138 Resp: 27814
Ion Ratio Lower Upper
138 100
92 57.7 47.8 71.6
108 158.1 114.9 172.3

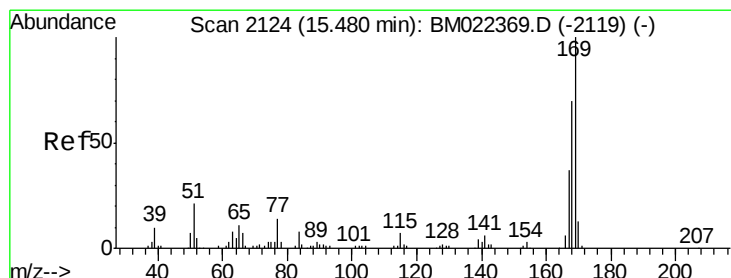
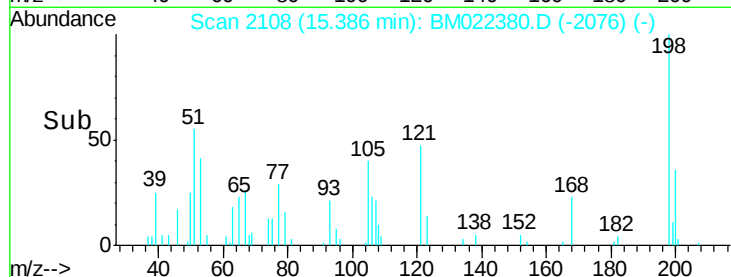
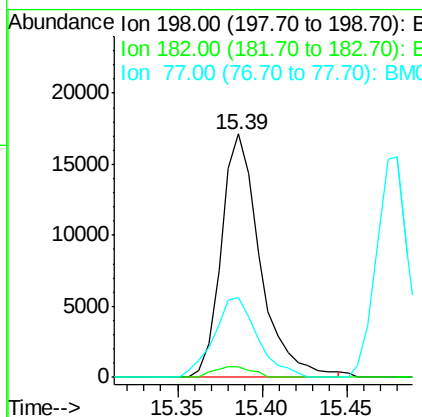
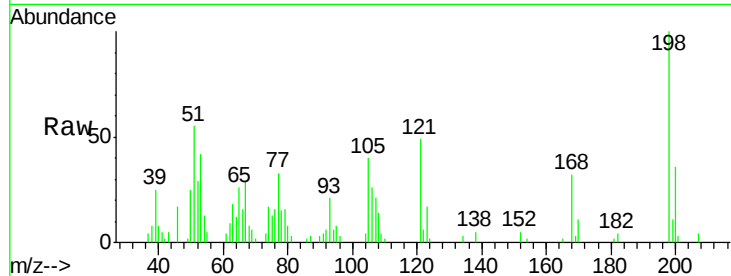




#63
 4,6-Dinitro-2-methylphenol
 Concen: 14.710 ng/ul
 RT: 15.39 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

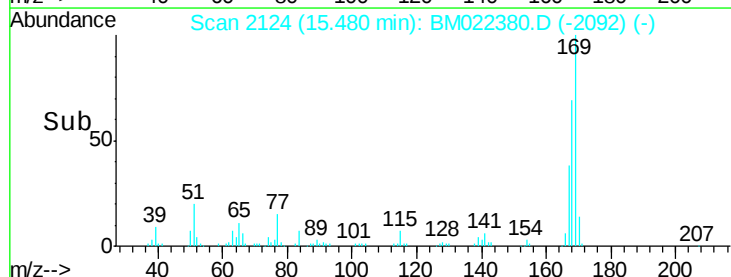
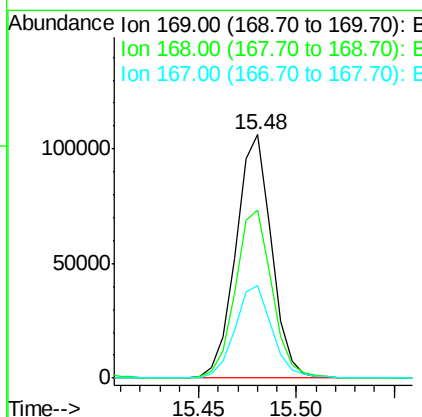
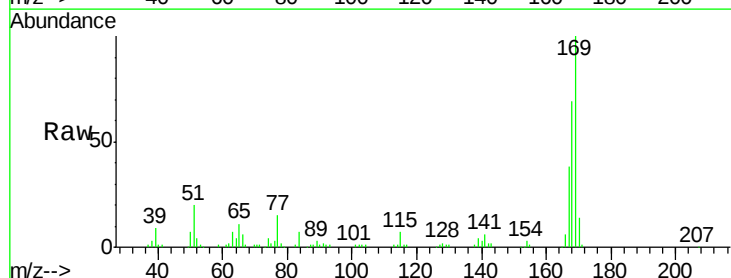
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02060

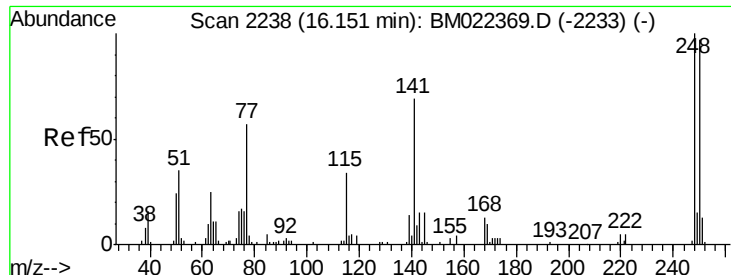
Tot Ion:198 Resp: 27301
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.8 5.8
 77 32.7 25.3 37.9



#64
 N-Nitrosodiphenylamine
 Concen: 19.204 ng/ul
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.01 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

Tgt Ion:169 Resp: 134150
 Ion Ratio Lower Upper
 169 100
 168 69.2 55.7 83.5
 167 38.3 30.8 46.2





#65

4-Bromophenyl-phenylether

Concen: 21.799 ng/ul

RT: 16.15 min Scan# 2238

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

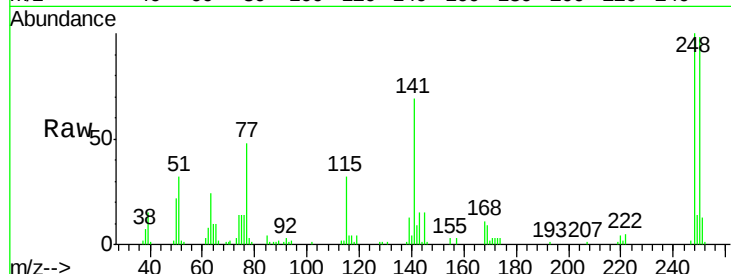
Tot Ion:248 Resp: 69950

Ion Ratio Lower Upper

248 100

250 98.1 80.1 120.1

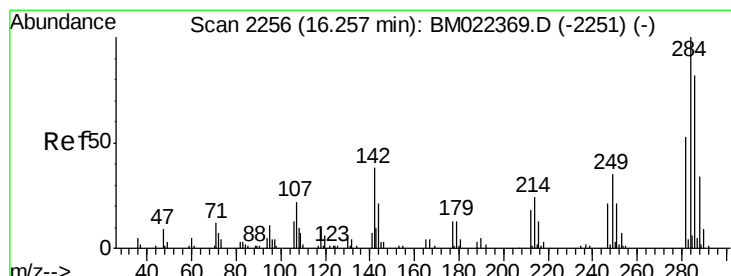
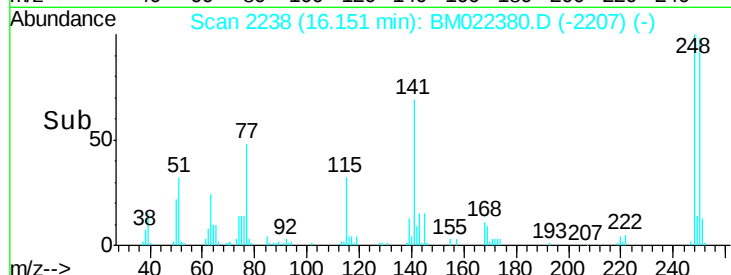
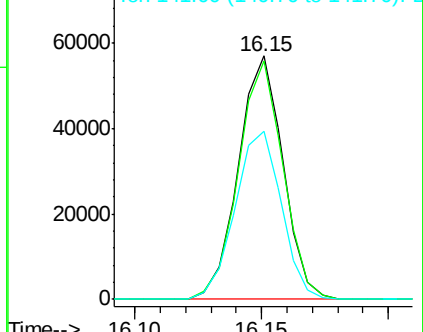
141 69.1 64.8 97.2



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: 21.017 ng/ul

RT: 16.25 min Scan# 2255

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

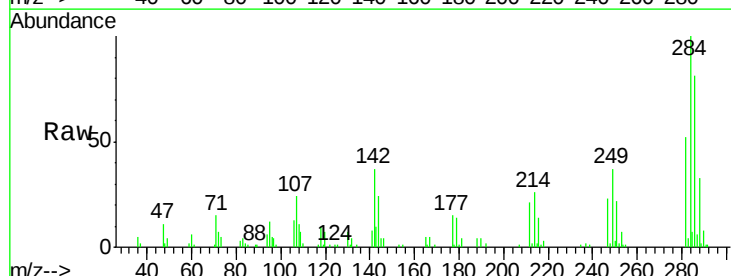
Tgt Ion:284 Resp: 75146

Ion Ratio Lower Upper

284 100

142 36.5 28.5 42.7

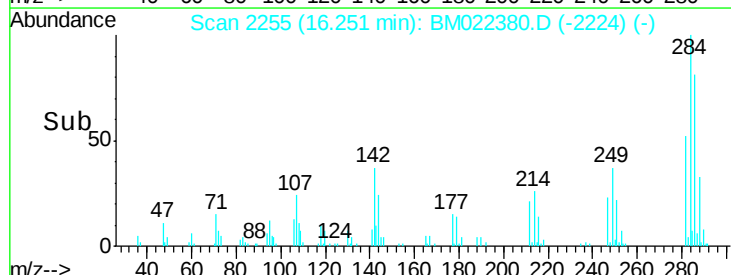
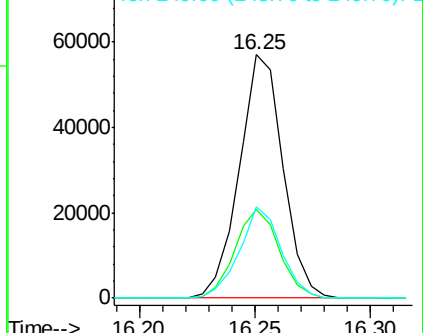
249 37.3 26.6 40.0

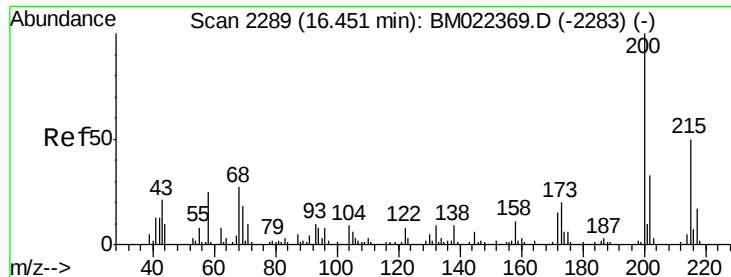


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

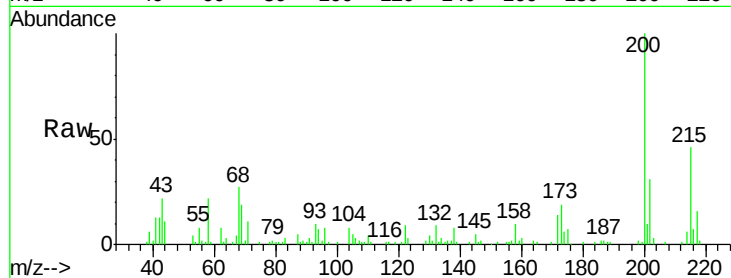




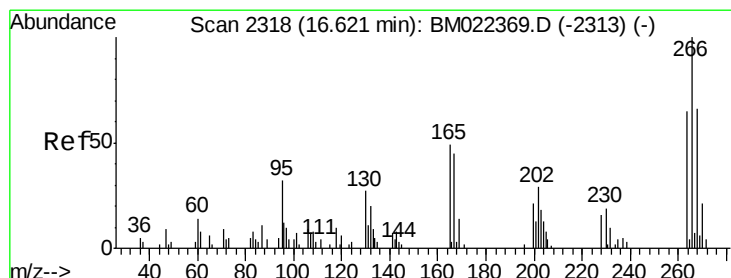
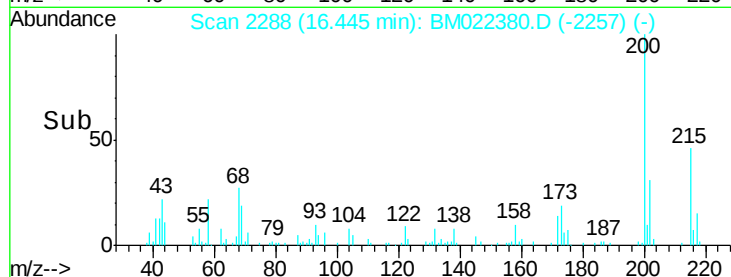
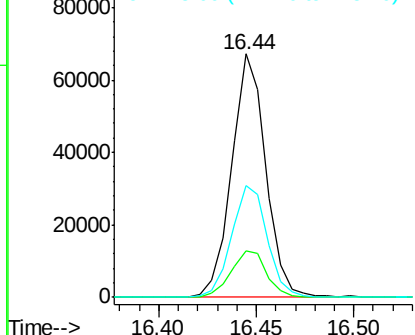
#67
 Atrazine
 Concen: 22.380 ng/ul
 RT: 16.44 min Scan# 2288
 Delta R.T. -0.02 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02060

Tot Ion	Ratio	Lower	Upper
200	100		
173	19.3	16.0	24.0
215	46.0	36.6	55.0

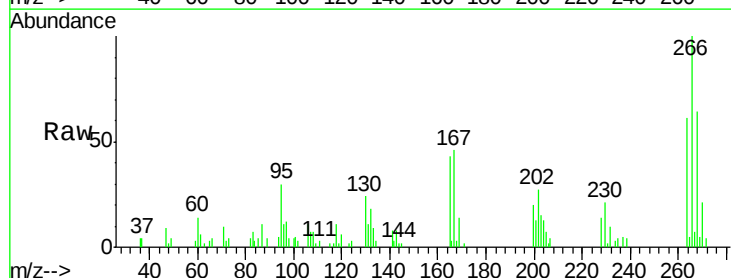


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

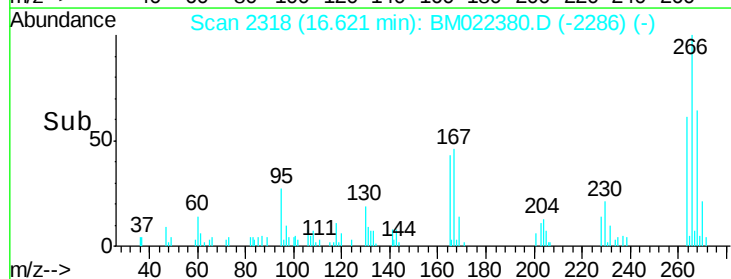
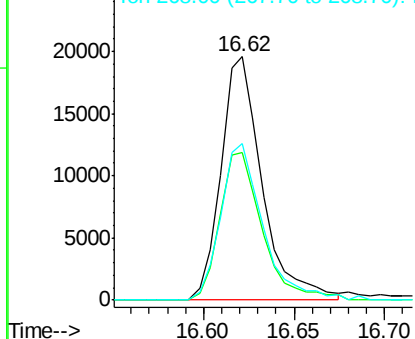


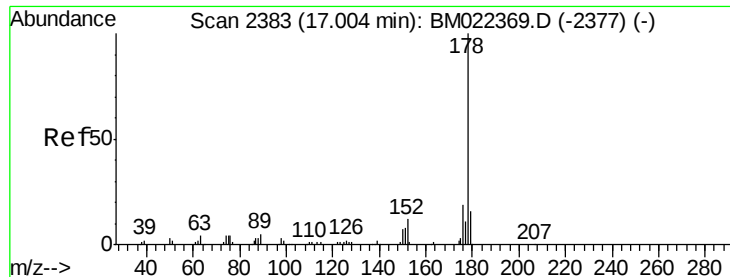
#68
 Pentachlorophenol
 Concen: 14.369 ng/ul
 RT: 16.62 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.8	51.3	76.9
268	64.2	49.4	74.2



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





#69

Phenanthrene

Concen: 19.520 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

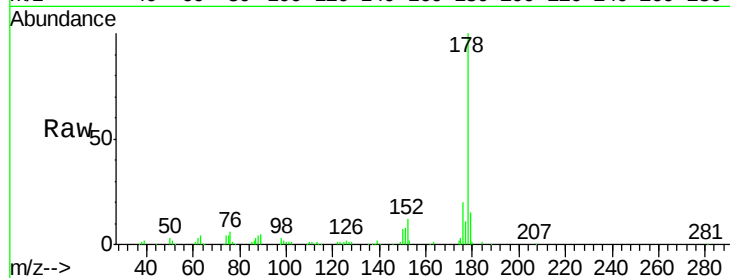
Tot Ion:178 Resp: 261790

Ion Ratio Lower Upper

178 100

179 14.7 12.4 18.6

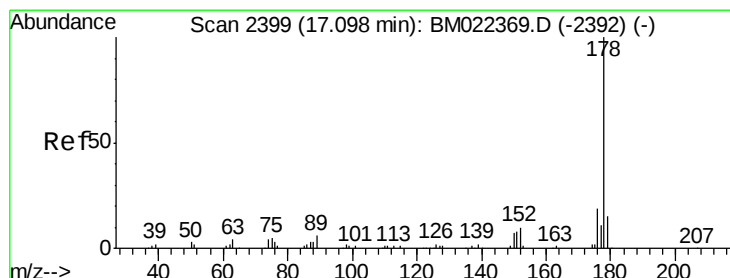
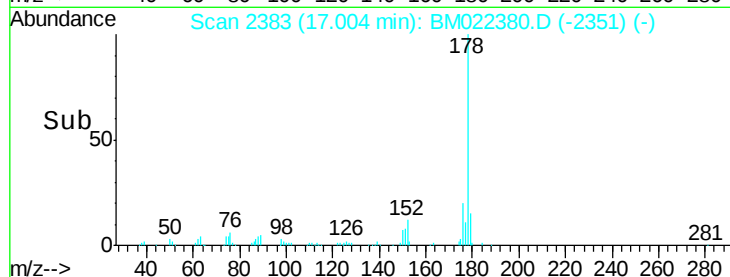
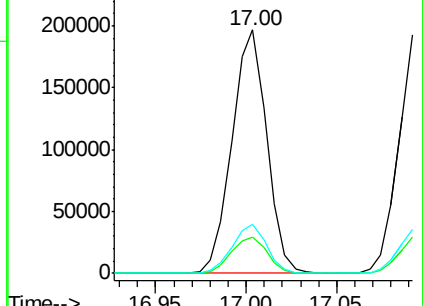
176 20.3 15.4 23.0



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: 19.496 ng/ul

RT: 17.09 min Scan# 2398

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

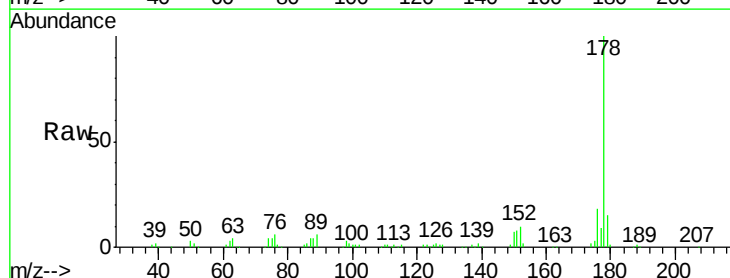
Tgt Ion:178 Resp: 272083

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

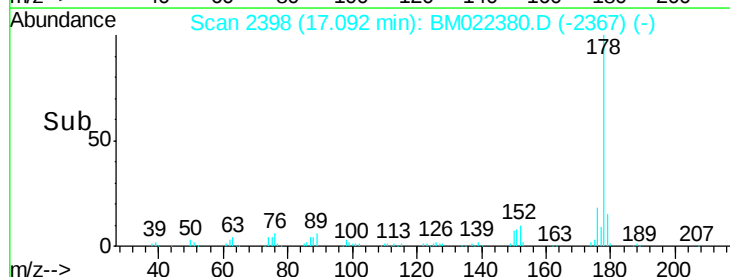
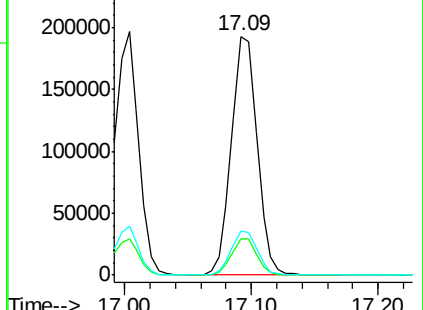
176 18.2 15.5 23.3

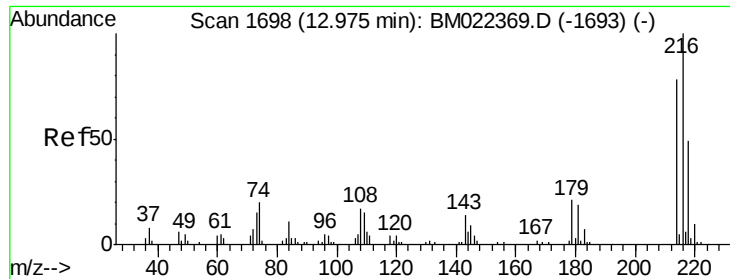


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 21.724 ng/uL

RT: 12.97 min Scan# 1698

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

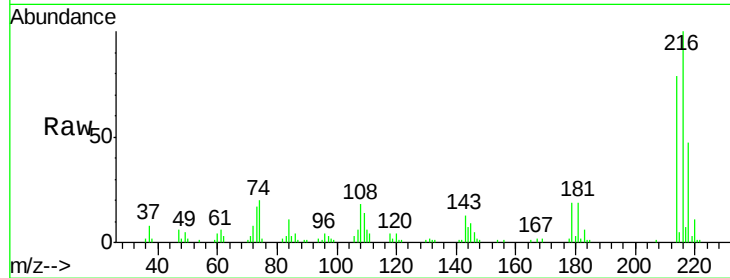
Tot Ion:216 Resp: 86621

Ion Ratio Lower Upper

216 100

214 79.0 61.5 92.3

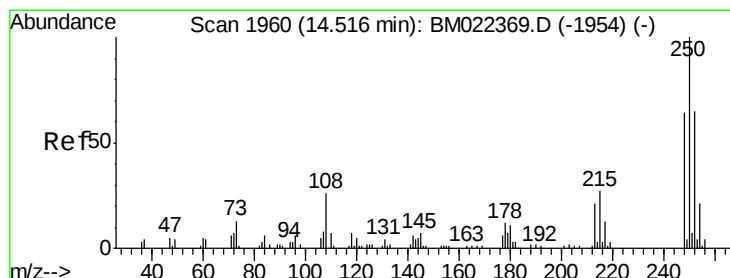
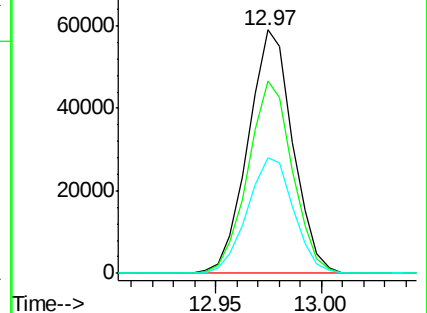
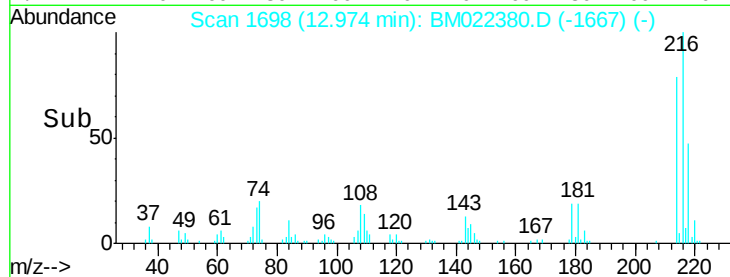
218 47.4 37.1 55.7



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: 22.577 ng/uL

RT: 14.51 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

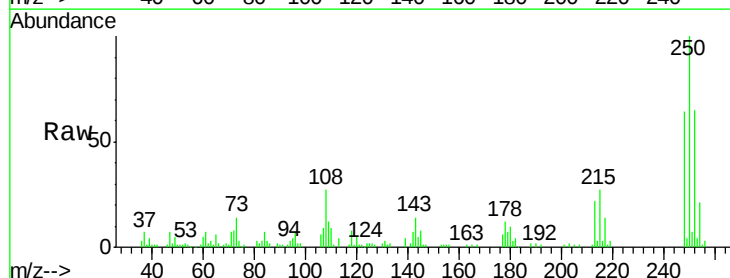
Tgt Ion:250 Resp: 97659

Ion Ratio Lower Upper

250 100

248 63.9 50.3 75.5

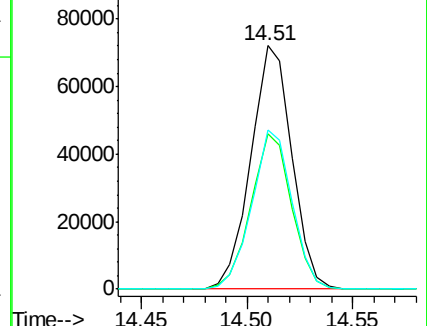
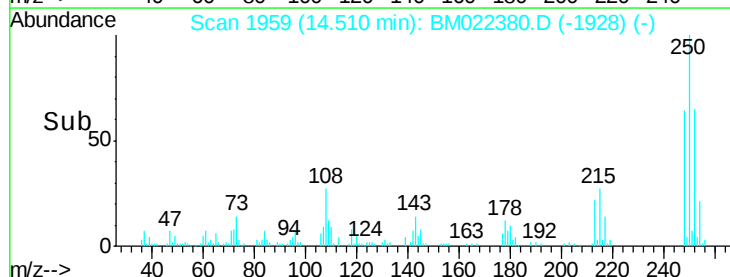
252 65.2 51.7 77.5

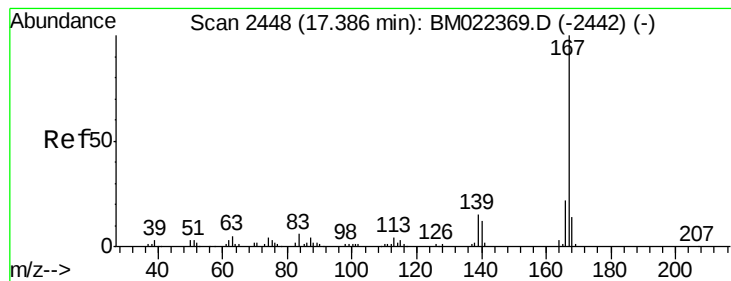


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 16.787 ng/ul

RT: 17.39 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

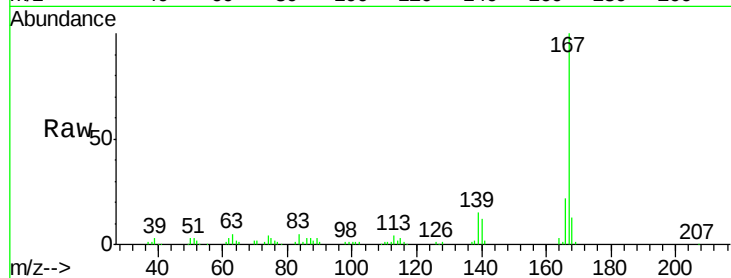
Tot Ion:167 Resp: 211606

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

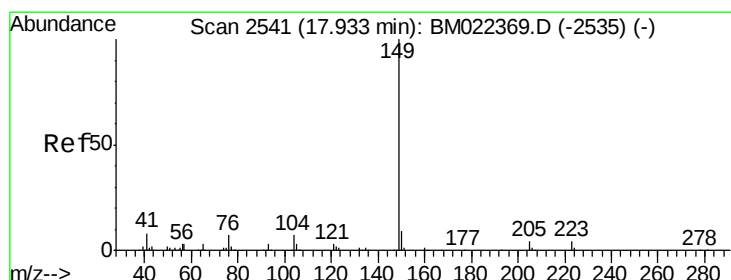
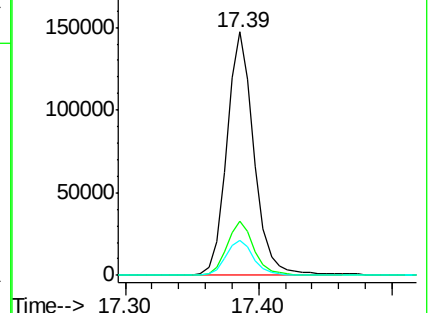
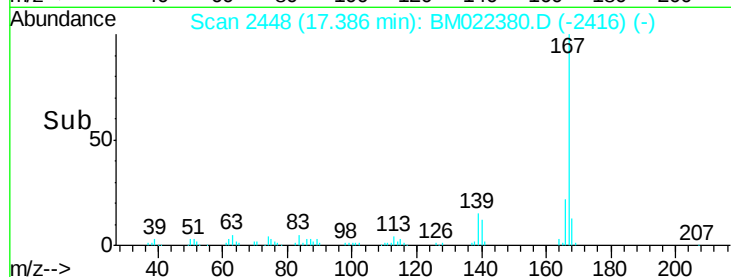
139 14.5 11.8 17.8



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: 18.567 ng/ul

RT: 17.93 min Scan# 2540

Delta R.T. -0.02 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

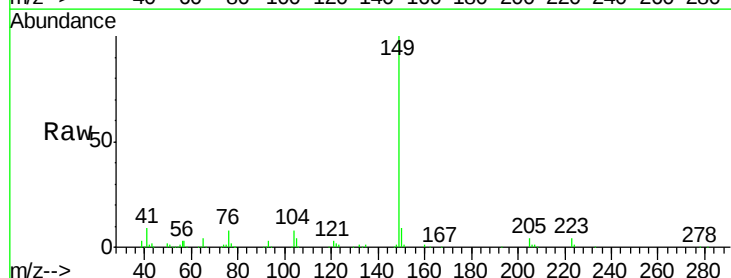
Tgt Ion:149 Resp: 298975

Ion Ratio Lower Upper

149 100

150 9.2 7.6 11.4

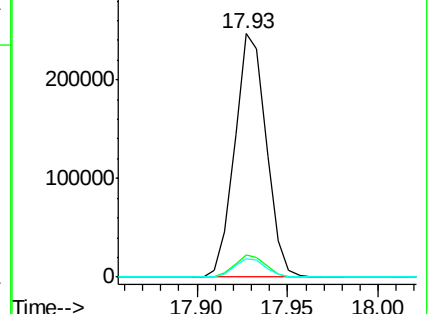
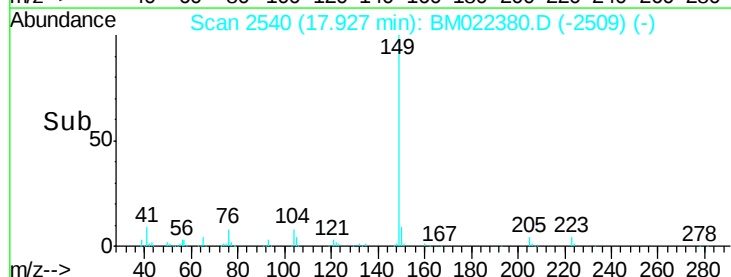
104 7.6 5.8 8.8

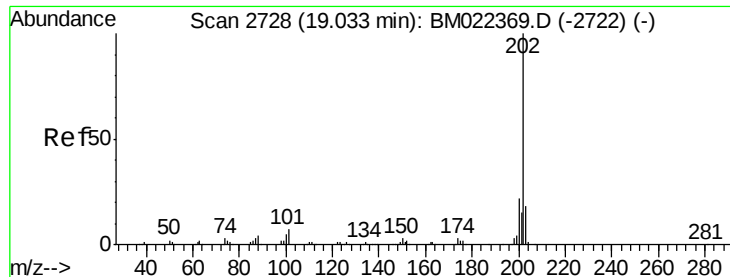


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

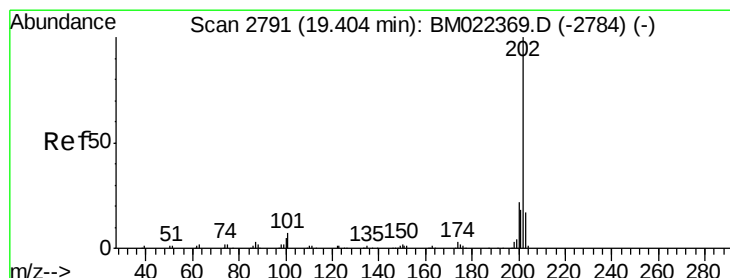
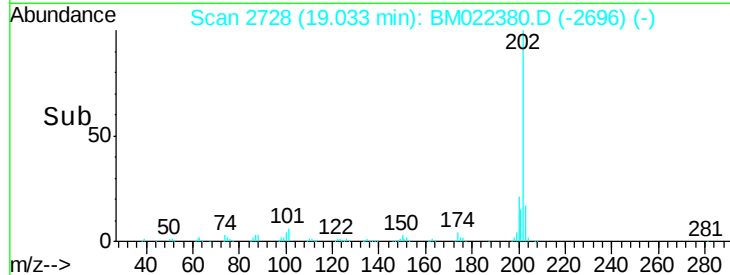
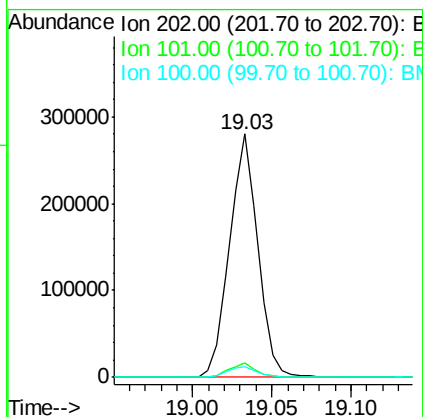
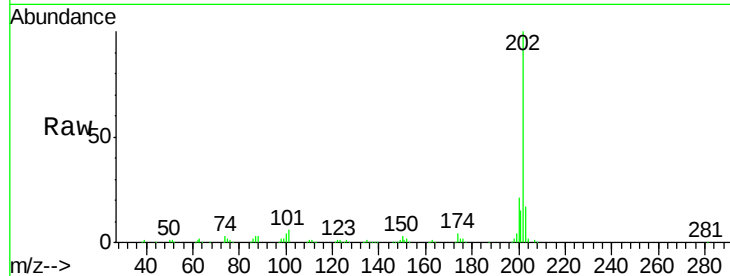




#76
Fluoranthene
Concen: 17.189 ng/ul
RT: 19.03 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

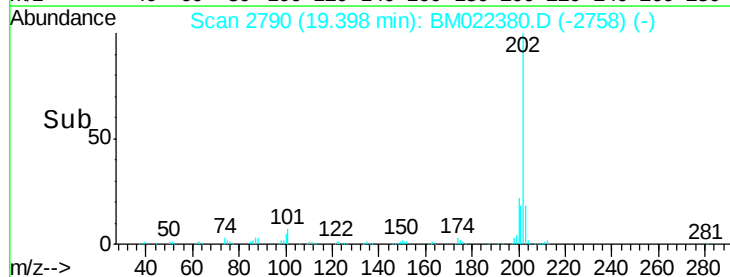
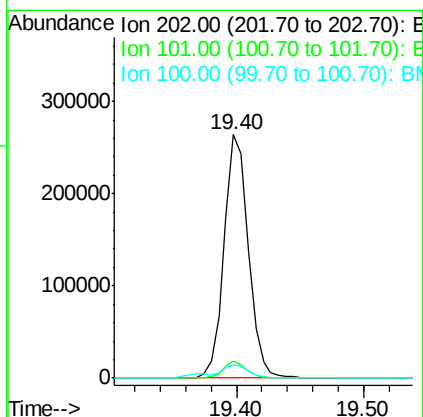
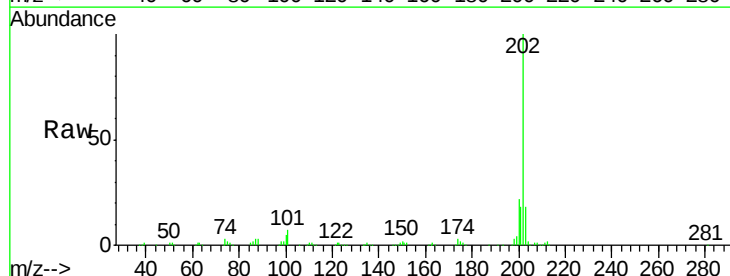
Instrument :
BNA_M
ClientSampleId :
SSTD02060

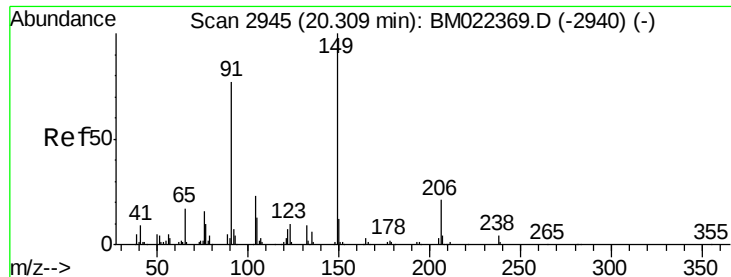
Tot Ion	Ratio	Lower	Upper
202	100		
101	5.8	5.3	7.9
100	4.3	4.6	6.8#



#79
Pyrene
Concen: 24.212 ng/ul
RT: 19.40 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	7.0	10.4#
100	5.4	5.8	8.8#

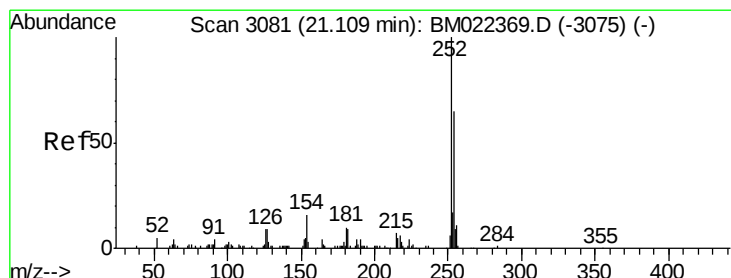
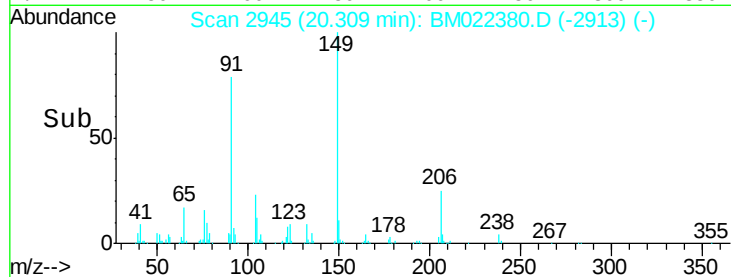
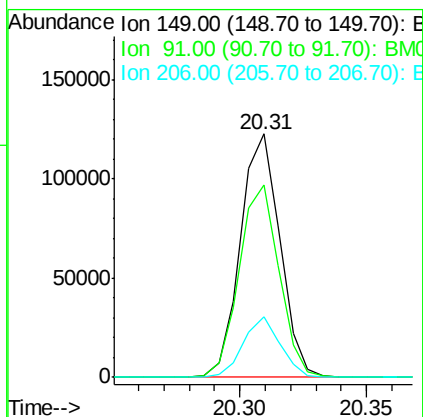
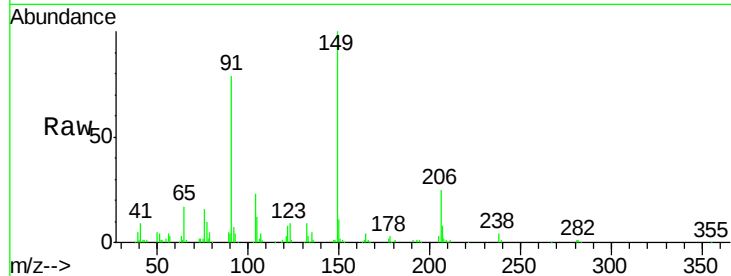




#80
Butylbenzylphthalate
Concen: 21.811 ng/ul
RT: 20.31 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

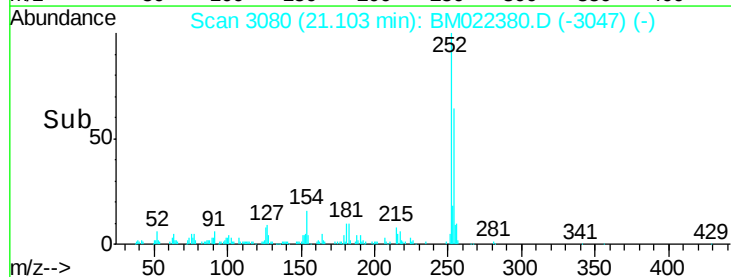
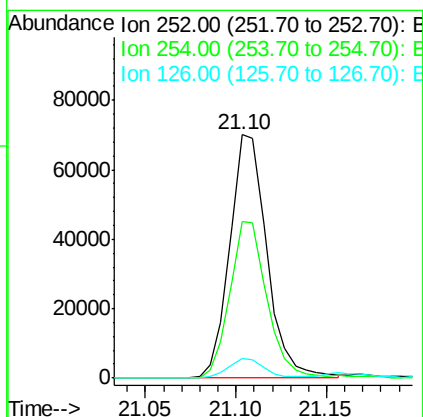
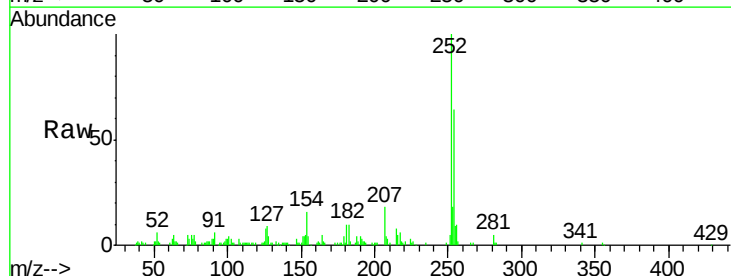
Instrument :
BNA_M
ClientSampleId :
SSTD02060

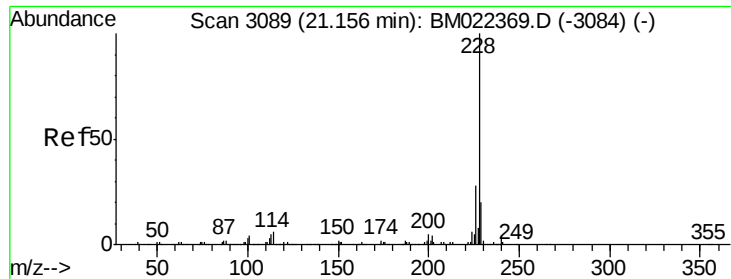
Tot Ion	Ratio	Lower	Upper
149	100		
91	79.0	61.8	92.8
206	24.8	16.6	25.0



#81
3,3'-Dichlorobenzidine
Concen: 17.247 ng/ul
RT: 21.10 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BM022380.D
Acq: 28 Aug 2019 09:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.3	76.9
126	8.1	7.3	10.9

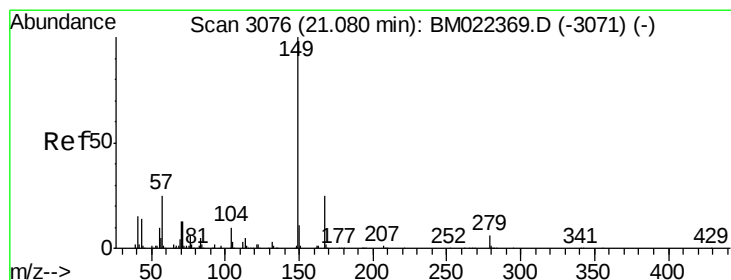
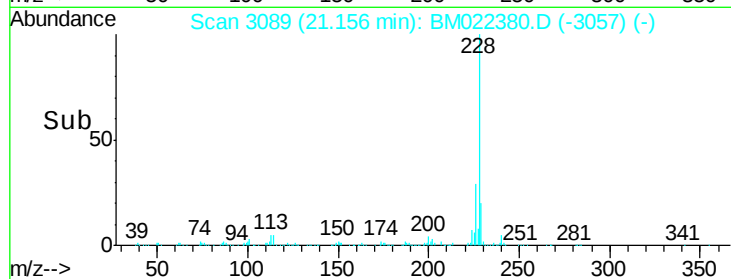
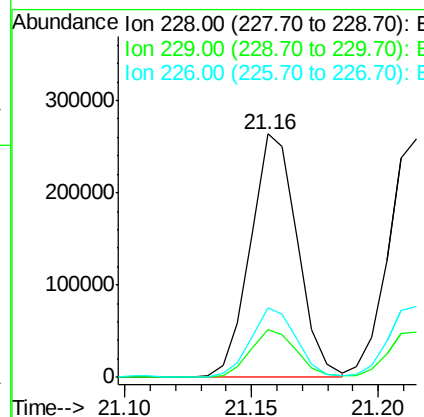
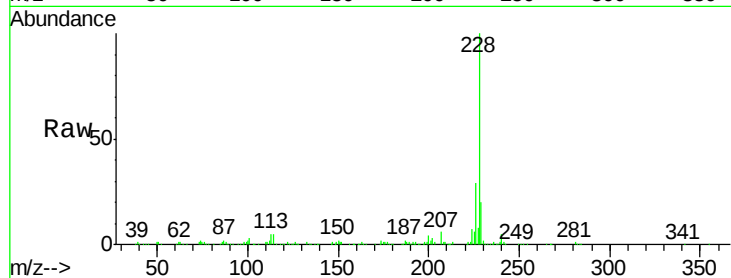




#82
 Benzo(a)anthracene
 Concen: 20.205 ng/ul
 RT: 21.16 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

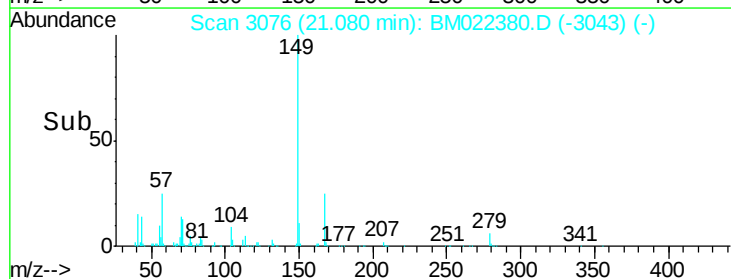
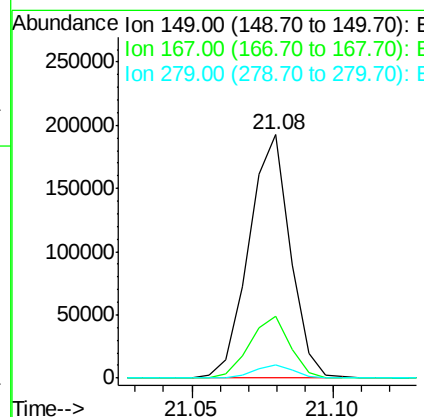
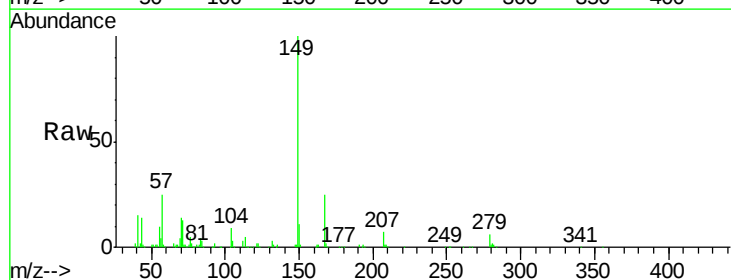
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02060

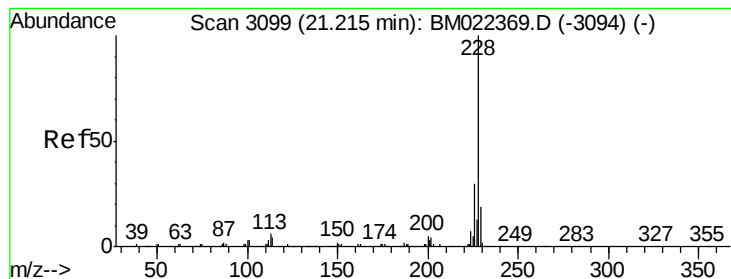
Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.2	22.8
226	28.7	22.3	33.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.159 ng/ul
 RT: 21.08 min Scan# 3076
 Delta R.T. -0.01 min
 Lab File: BM022380.D
 Acq: 28 Aug 2019 09:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	19.1	28.7
279	5.7	3.3	4.9#





#84

Chrysene

Concen: 19.920 ng/ul

RT: 21.22 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

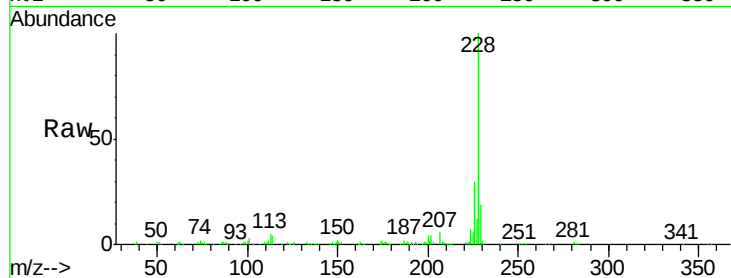
Tot Ion:228 Resp: 313074

Ion Ratio Lower Upper

228 100

226 29.9 24.7 37.1

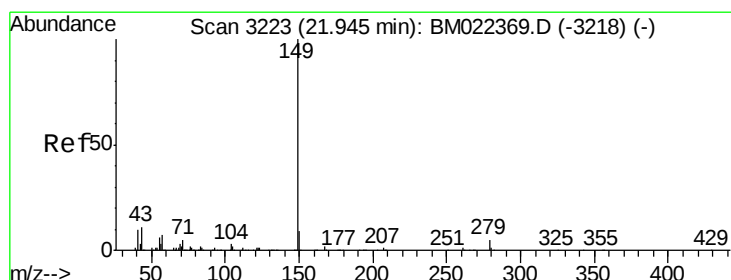
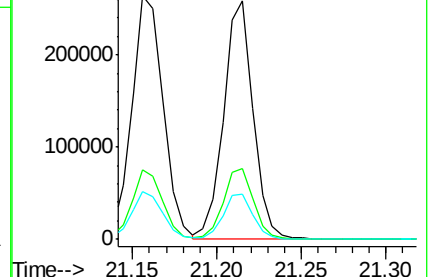
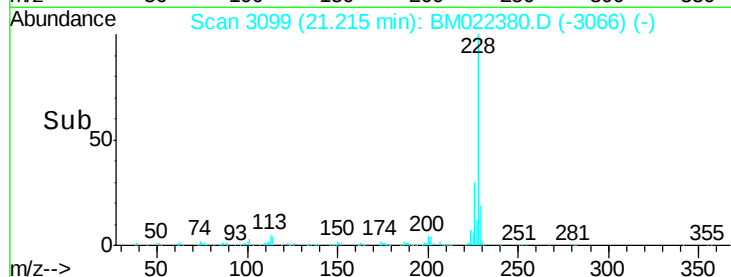
229 19.2 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 19.563 ng/ul

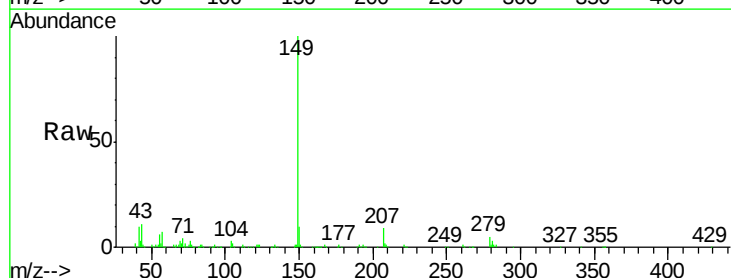
RT: 21.94 min Scan# 3223

Delta R.T. -0.01 min

Lab File: BM022380.D

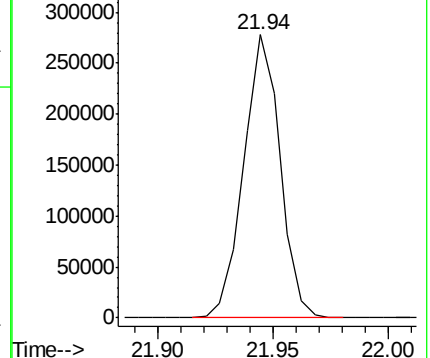
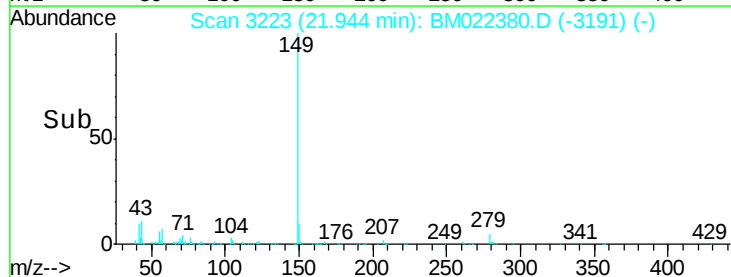
Acq: 28 Aug 2019 09:33

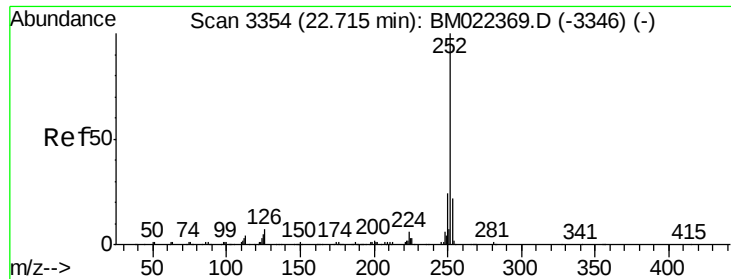
Tgt Ion:149 Resp: 303690



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 20.061 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

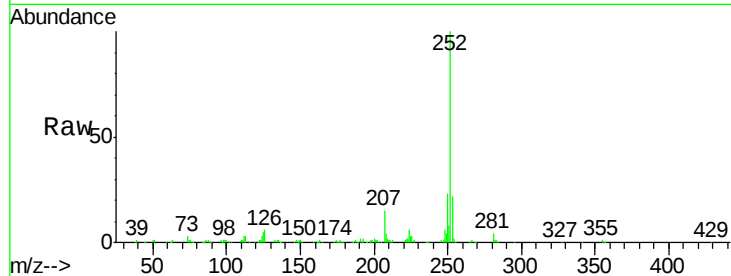
Tot Ion:252 Resp: 292302

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

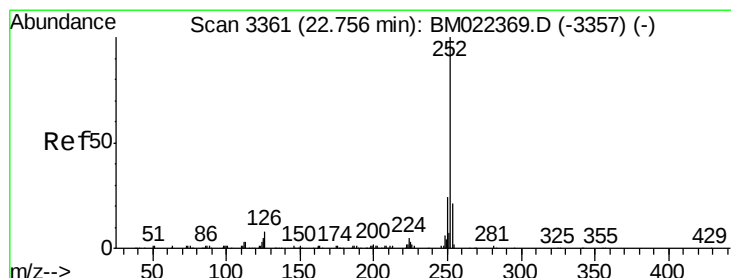
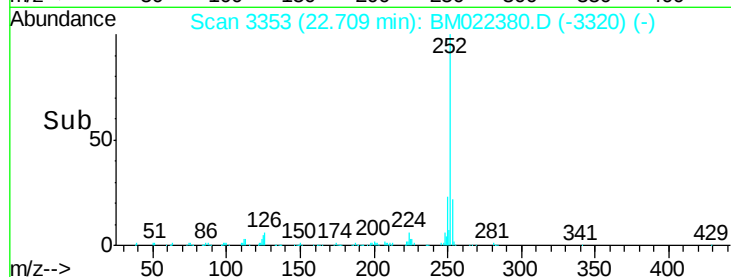
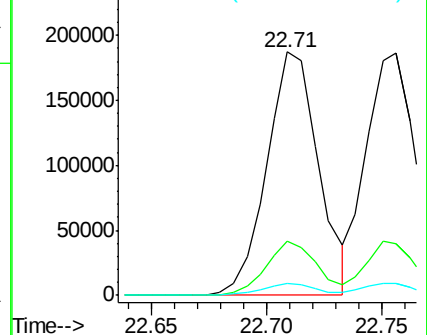
125 4.9 5.2 7.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 20.068 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

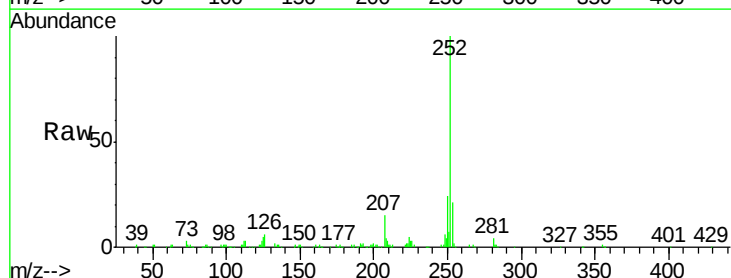
Tgt Ion:252 Resp: 283566

Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

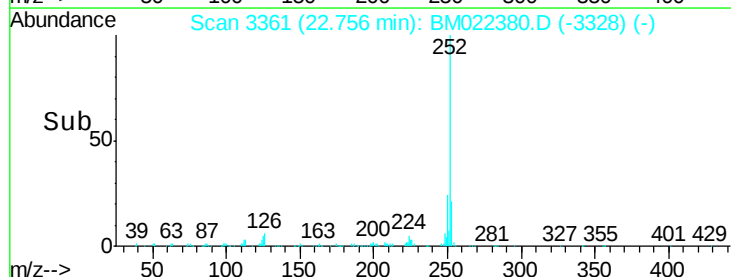
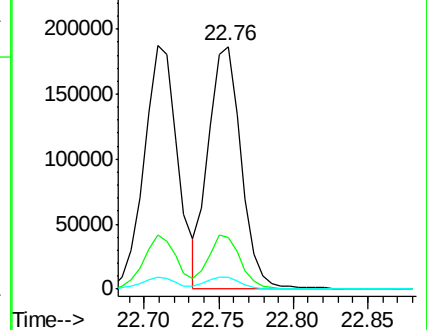
125 5.0 5.1 7.7#

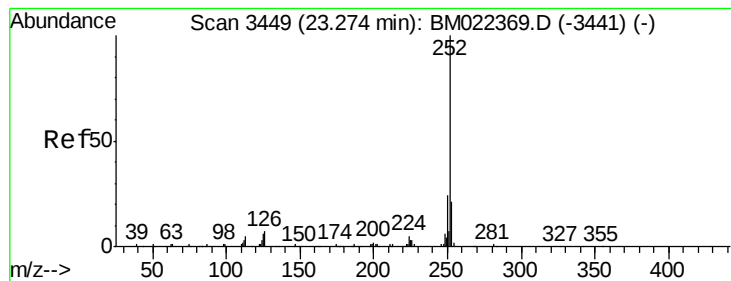


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 19.885 ng/u1

RT: 23.27 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

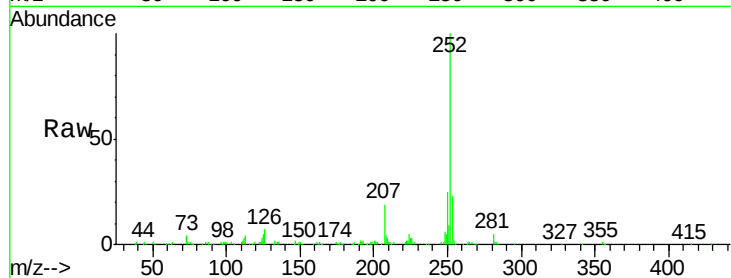
Tot Ion:252 Resp: 276173

Ion Ratio Lower Upper

252 100

253 22.6 16.9 25.3

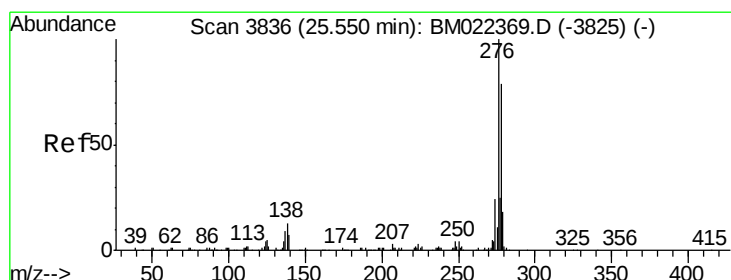
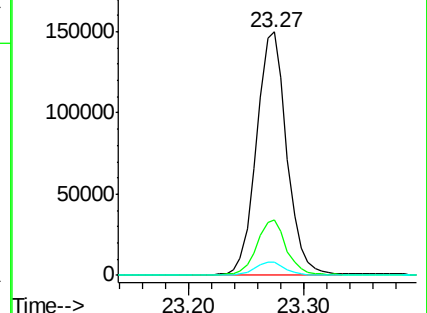
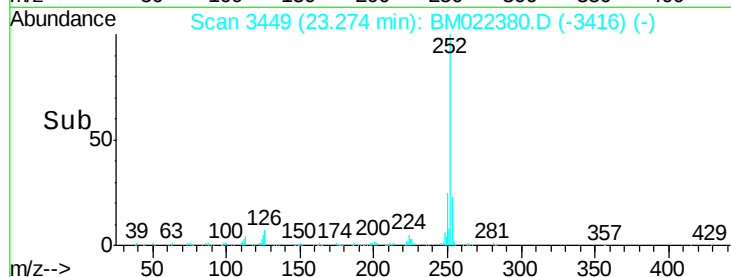
125 5.3 5.5 8.3#



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: 20.203 ng/u1

RT: 25.55 min Scan# 3836

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

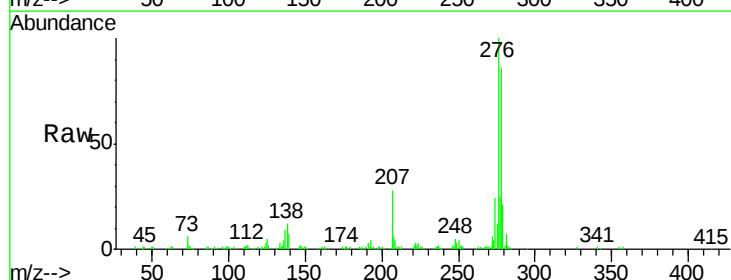
Tgt Ion:276 Resp: 325816

Ion Ratio Lower Upper

276 100

138 12.4 12.6 18.8#

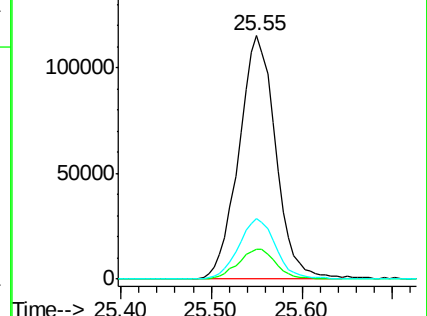
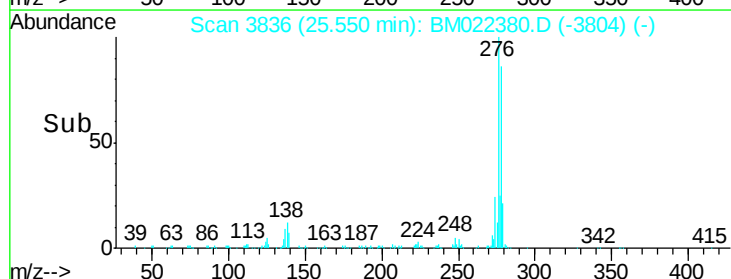
277 24.8 20.2 30.2

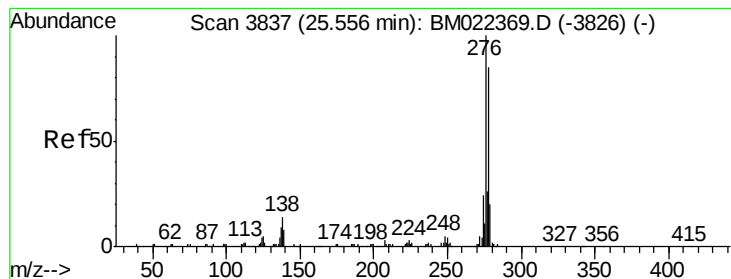


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 20.015 ng/ul

RT: 25.56 min Scan# 3837

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

Instrument :

BNA_M

ClientSampleId :

SSTD02060

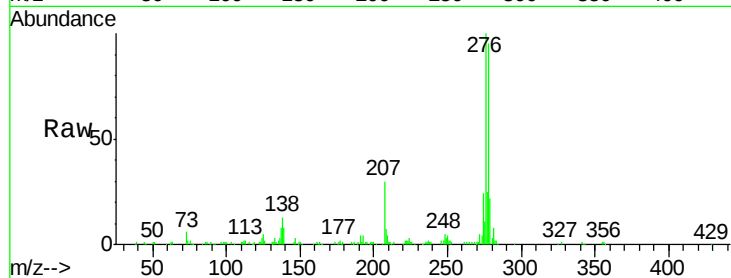
Tot Ion:278 Resp: 274043

Ion Ratio Lower Upper

278 100

139 8.1 7.7 11.5

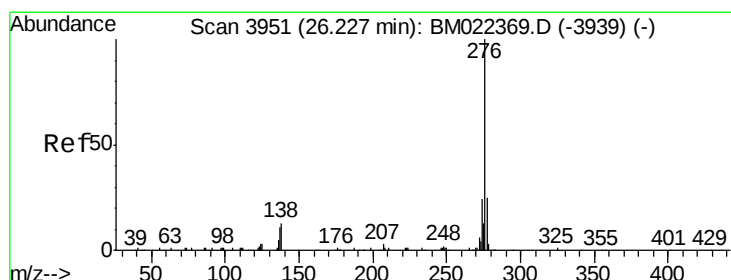
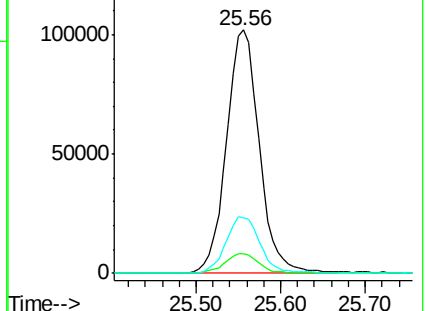
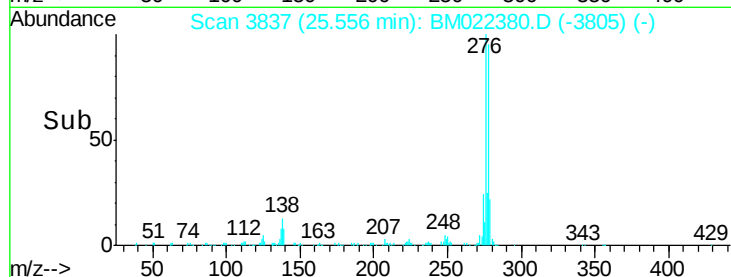
279 22.7 19.0 28.6



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: 20.838 ng/ul

RT: 26.23 min Scan# 3951

Delta R.T. -0.01 min

Lab File: BM022380.D

Acq: 28 Aug 2019 09:33

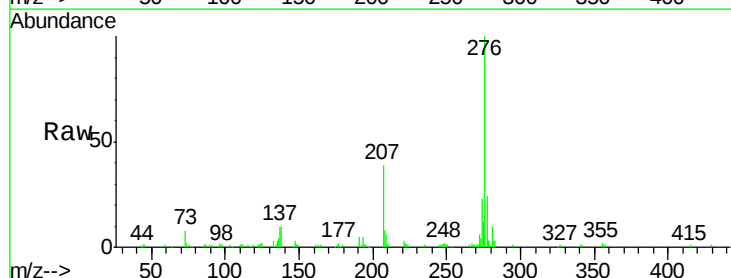
Tgt Ion:276 Resp: 256374

Ion Ratio Lower Upper

276 100

138 10.4 10.2 15.4

277 23.6 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

