

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
 Data File : BM023634.D
 Acq On : 11 Nov 2019 12:07
 Operator : JU
 Sample : SSTD16006
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16006

Quant Time: Nov 11 12:42:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 11 11:02:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	451586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	2019708	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	1377248	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	3016342	20.00	ng/ul	0.01
78) Chrysene-d12	21.16	240	2210264	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	2132264	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	643712	150.14	ng/uL	0.00
5) Phenol-d5	6.75	99	6672023	172.85	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.90	67	3567339	160.86	ng/ul	0.01
9) 2-Chlorophenol-d4	7.09	132	4975282	182.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	5261273	174.54	ng/ul	0.02
19) Nitrobenzene-d5	8.72	128	2520285	202.22	ng/ul	0.02
22) 2-Nitrophenol-d4	9.43	143	2932933	234.54	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.97	165	5838959	183.23	ng/ul	0.02
29) 4-Chloroaniline-d4	10.48	131	5795099	151.69	ng/ul	0.02
44) Dimethylphthalate-d6	13.64	166	15679065	164.27	ng/ul	0.02
47) Acenaphthylene-d8	13.90	160	17435157	158.71	ng/ul	0.01
52) 4-Nitrophenol-d4	14.46	143	3075894	178.14	ng/ul	0.04
58) Fluorene-d10	15.22	176	13693437	155.50	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.37	200	3336357	206.25	ng/ul	0.04
71) Anthracene-d10	16.96	188	3016342	22.08	ng/ul	-0.09
79) Pyrene-d10	19.24	212	9214	0.09	ng/ul	-0.11
90) Benzo(a)pyrene-d12	23.20	264	17990605	176.10	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	683649	155.280	ng/uL 98
4) Benzaldehyde	6.70	77	2880678	139.871	ng/ul 97
6) Phenol	6.78	94	7205887	176.590	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.00	93	5225030	167.347	ng/ul 100
10) 2-Chlorophenol	7.13	128	5474250	185.319	ng/ul 97
11) 2-Methylphenol	8.01	108	5432375	182.209	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.09	45	4948719	171.808	ng/ul 99
14) Acetophenone	8.39	105	8102146	165.441	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.41	70	4344456	178.151	ng/ul 98
16) 4-Methylphenol	8.36	108	5859517	176.603	ng/ul 99
17) Hexachloroethane	8.62	117	2111180	174.336	ng/ul 96
20) Nitrobenzene	8.76	77	6414537	177.353	ng/ul 96
21) Isophorone	9.30	82	12485348	186.422	ng/ul 97
23) 2-Nitrophenol	9.46	139	3259674	222.198	ng/ul 96
24) 2,4-Dimethylphenol	9.54	107	6553669	178.484	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.77	93	7465514	171.018	ng/ul 99
27) 2,4-Dichlorophenol	10.00	162	5952013	184.590	ng/ul 97
28) Naphthalene	10.38	128	15977338	152.809	ng/ul 95
30) 4-Chloroaniline	10.50	127	6244046	154.272	ng/ul 99
31) Hexachlorobutadiene	10.67	225	3825865	162.669	ng/ul 100
32) Caprolactam	11.36	113	1017796	103.019	ng/ul 95
33) 4-Chloro-3-methylphenol	11.66	107	6339441	184.889	ng/ul 99
34) 2-Methylnaphthalene	12.01	142	12750958	166.467	ng/ul 97

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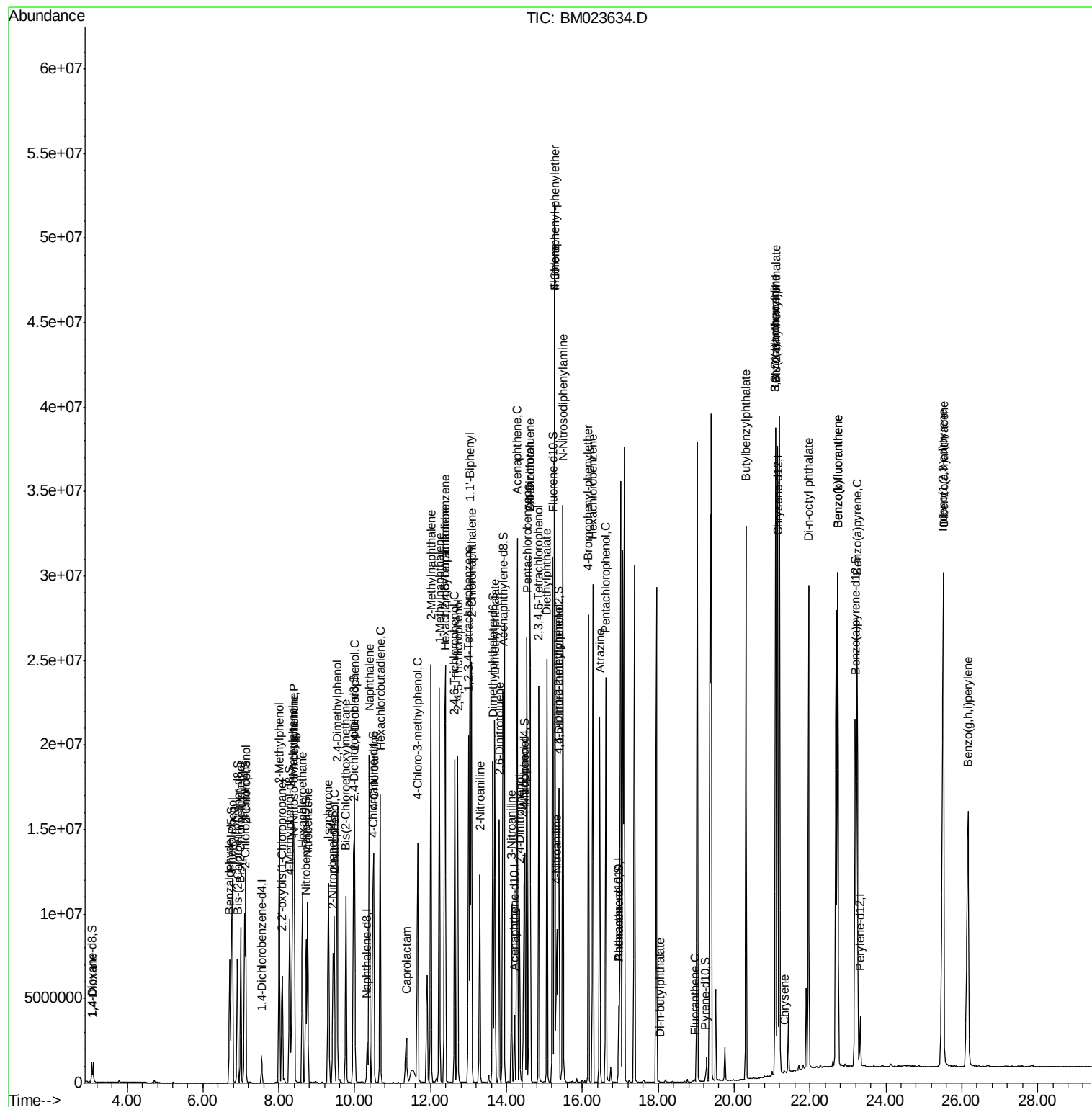
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	11506777	155.628	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	7652650	167.498	ng/ul	97
38) Hexachlorocyclopentadiene	12.37	237	4944506	224.308	ng/ul	98
39) 2,4,6-Trichlorophenol	12.64	196	5279361	201.530	ng/ul	99
40) 2,4,5-Trichlorophenol	12.72	196	5664587	195.702	ng/ul	97
41) 1,1'-Biphenyl	13.04	154	15000876	145.914	ng/ul#	86
42) 2-Chloronaphthalene	13.08	162	13331545	166.951	ng/ul	97
43) 2-Nitroaniline	13.30	65	3871879	234.063	ng/ul	93
45) Dimethylphthalate	13.69	163	15410038	156.365	ng/ul#	92
46) 2,6-Dinitrotoluene	13.82	165	3949039	233.904	ng/ul	91
49) 3-Nitroaniline	14.14	138	3154358	177.742	ng/ul	87
50) Acenaphthene	14.28	153	13719182	160.789	ng/ul	92
51) 2,4-Dinitrophenol	14.35	184	2722589	252.457	ng/ul	96
53) 4-Nitrophenol	14.48	109	2468245	175.041	ng/ul	95
54) Dibenzofuran	14.62	168	16249755	126.322	ng/ul#	80
55) 2,4-Dinitrotoluene	14.61	165	5462708	207.060	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.85	232	5311887	197.948	ng/ul	99
57) Diethylphthalate	15.07	149	15085124	163.054	ng/ul#	85
59) Fluorene	15.27	166	14650709	141.635	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.27	204	8595616	152.031	ng/ul	98
61) 4-Nitroaniline	15.33	138	3534060	167.303	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.38	198	3740982	209.886	ng/ul#	98
65) N-Nitrosodiphenylamine	15.49	169	13634503	156.929	ng/ul	89
66) 4-Bromophenyl-phenylether	16.16	248	6635948	186.503	ng/ul	96
67) Hexachlorobenzene	16.28	284	7545531	171.706	ng/ul	96
68) Atrazine	16.46	200	5274126	165.788	ng/ul	99
69) Pentachlorophenol	16.62	266	4951673	194.554	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	7127420	164.354	ng/ul	99
74) Pentachlorobenzene	14.54	250	7748245	161.080	ng/ul	99
76) Di-n-butylphthalate	18.06	149	8026	0.061	ng/ul#	77
77) Fluoranthene	18.96	202	33661	0.186	ng/ul#	52
81) Butylbenzylphthalate	20.32	149	10153571	301.337	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.09	252	7401724	168.843	ng/ul	99
83) Benzo(a)anthracene	21.09	228	24694	0.176	ng/ul#	1
84) Bis(2-ethylhexyl)phthalate	21.10	149	11732559	221.917	ng/ul#	76
85) Chrysene	21.33	228	21593	0.162	ng/ul	95
87) Di-n-octyl phthalate	21.96	149	14661370	171.511	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	1744464	13.517	ng/ul#	90
89) Benzo(k)fluoranthene	22.73	252	1744464	13.495	ng/ul#	88
91) Benzo(a)pyrene	23.24	252	18602831	153.201	ng/ul	94
92) Indeno(1,2,3-cd)pyrene	25.51	276	24802903	181.223	ng/ul	97
93) Dibenzo(a,h)anthracene	25.52	278	20642423	179.388	ng/ul	98
94) Benzo(g,h,i)perylene	26.17	276	20840414	189.850	ng/ul	98

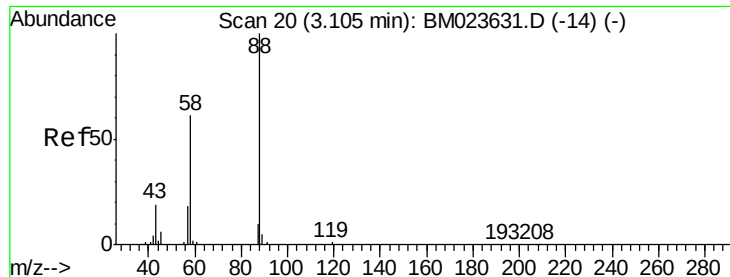
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 155.280 ng/uL

RT: 3.10 min Scan# 36

Delta R.T. -0.01 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

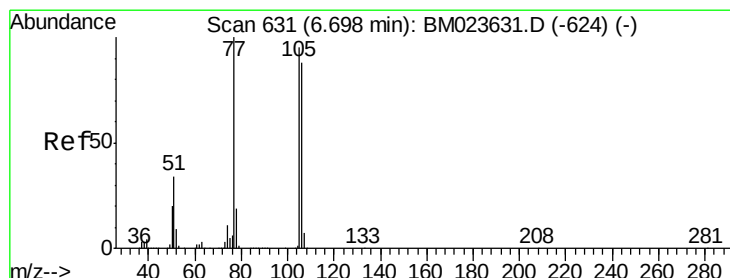
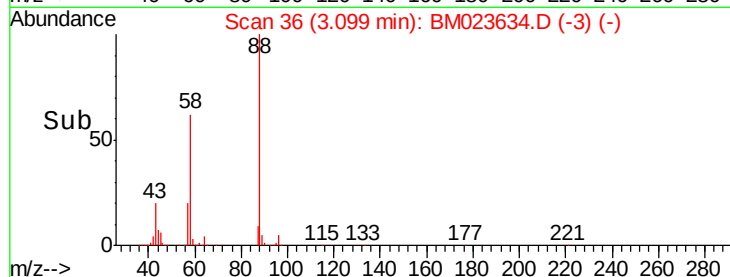
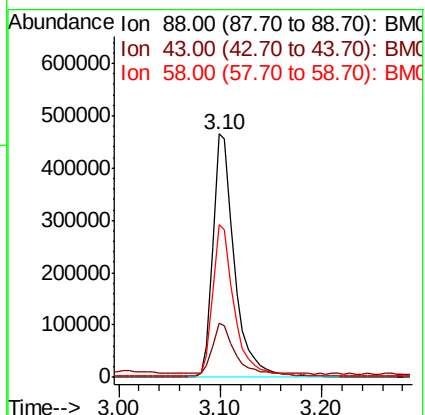
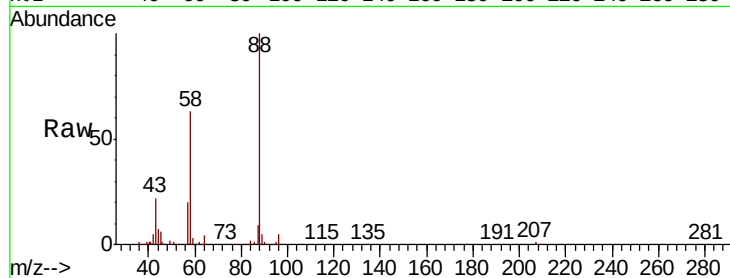
Tot Ion: 88 Resp: 683649

Ion Ratio Lower Upper

88 100

43 22.3 18.9 28.3

58 62.6 49.1 73.7



#4

Benzaldehyde

Concen: 139.871 ng/uL

RT: 6.70 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

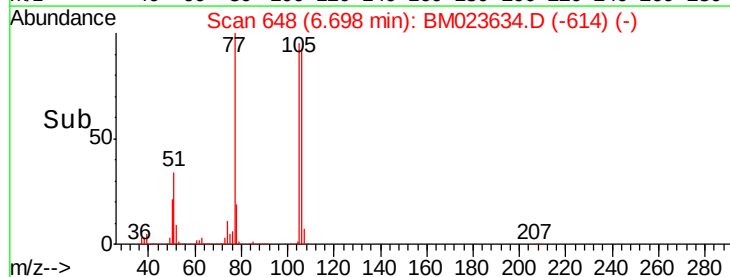
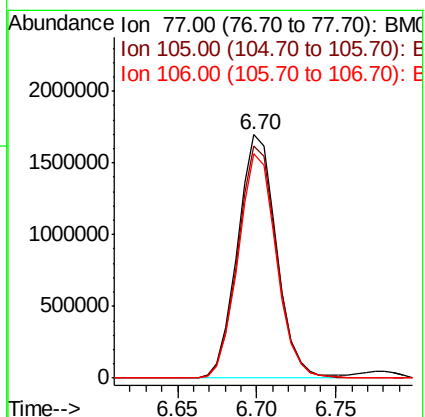
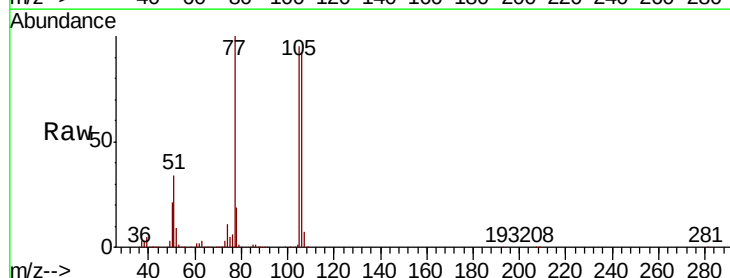
Tgt Ion: 77 Resp: 2880678

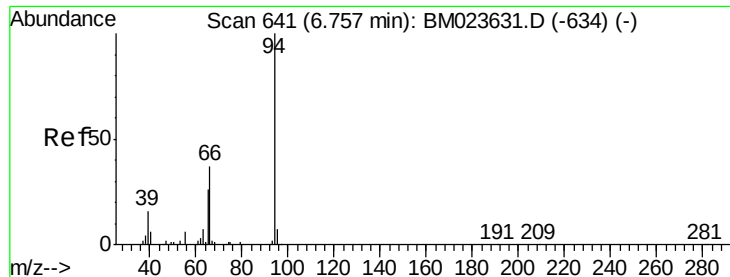
Ion Ratio Lower Upper

77 100

105 95.2 75.9 113.9

106 92.4 70.2 105.4





#6

Phenol

Concen: 176.590 ng/ul

RT: 6.78 min Scan# 662

Delta R.T. 0.02 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

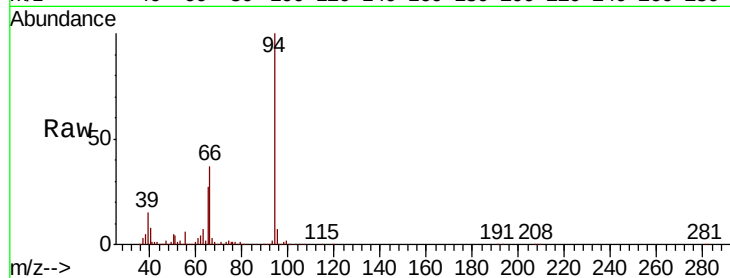
BNA_M

ClientSampleId :

SSTD16006

Tot Ion: 94 Resp: 7205887

Ion	Ratio	Lower	Upper
94	100		
65	26.5	21.4	32.2
66	37.5	30.7	46.1



Abundance

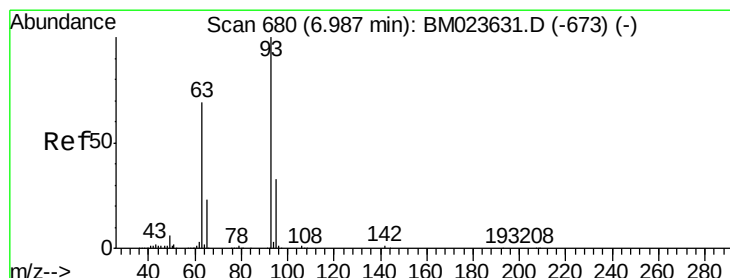
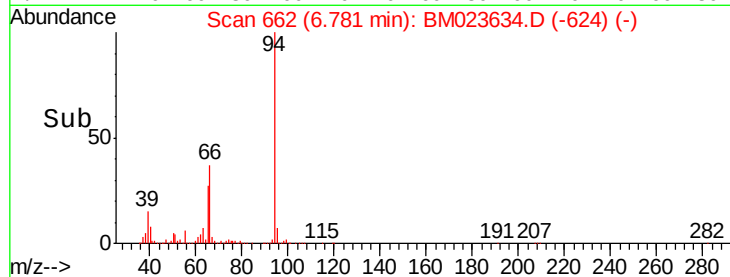
Ion 94.00 (93.70 to 94.70): BM023634.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM023634.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM023634.D (-634) (-)

6.78

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 167.347 ng/ul

RT: 7.00 min Scan# 699

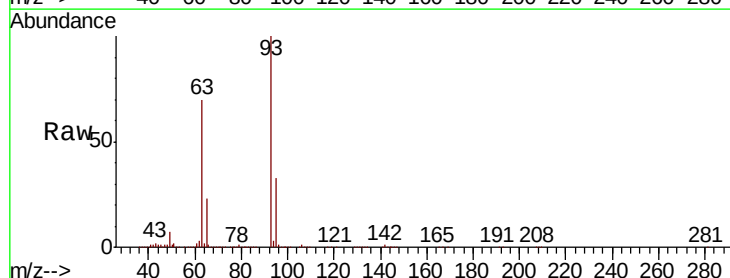
Delta R.T. 0.01 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Tgt Ion: 93 Resp: 5225030

Ion	Ratio	Lower	Upper
93	100		
63	69.7	55.4	83.0
95	32.8	26.2	39.4



Abundance

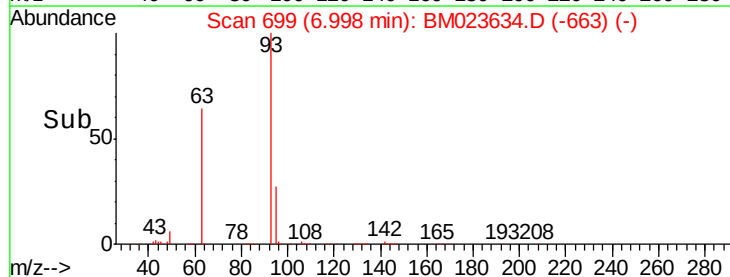
Ion 93.00 (92.70 to 93.70): BM023634.D (-673) (-)

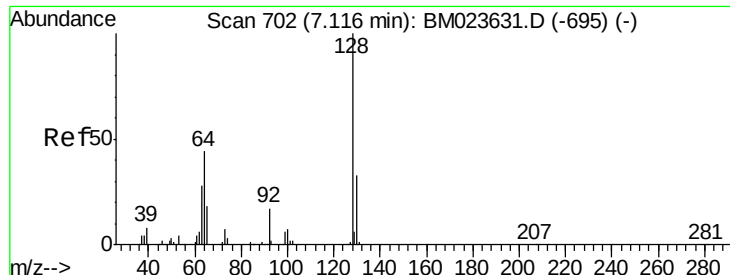
Ion 63.00 (62.70 to 63.70): BM023634.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM023634.D (-673) (-)

7.00

Time-->

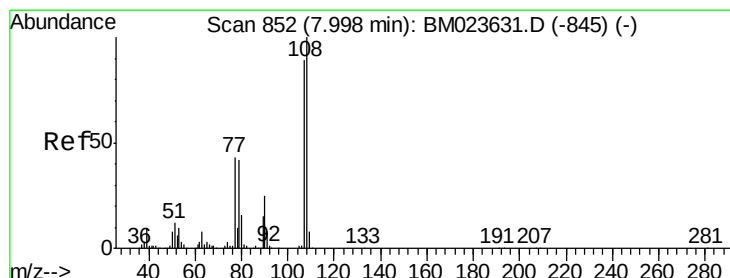
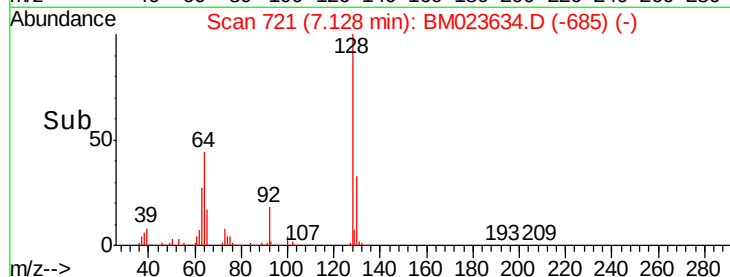
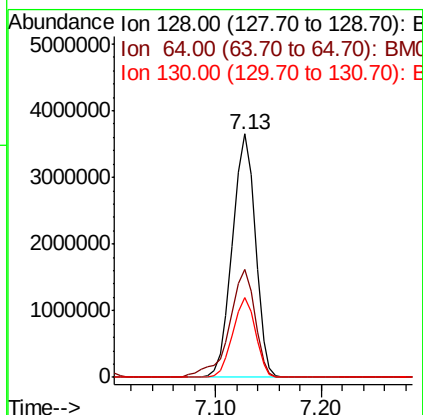
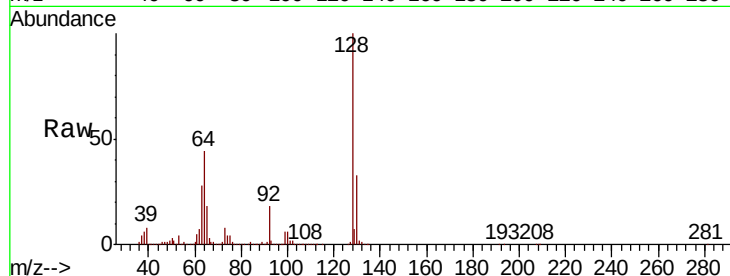




#10
2-Chlorophenol
Concen: 185.319 ng/ul
RT: 7.13 min Scan# 721
Delta R.T. 0.01 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

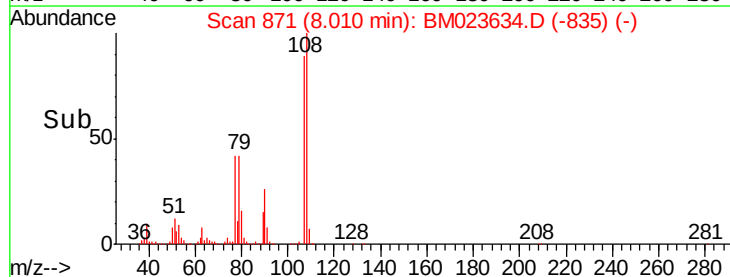
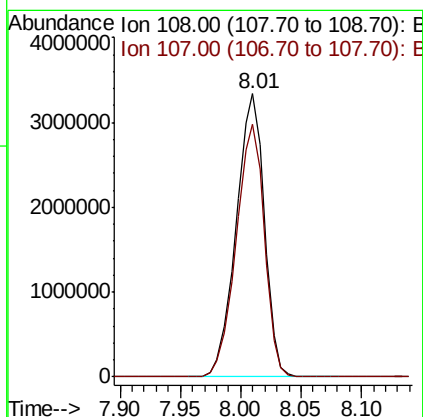
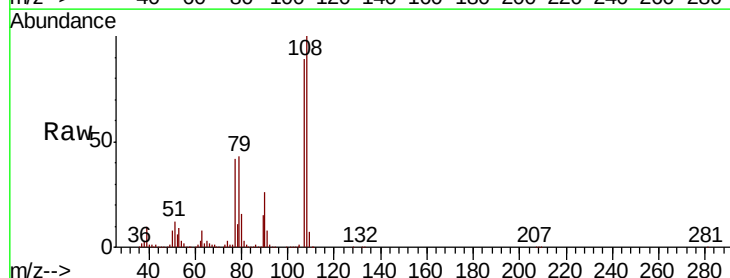
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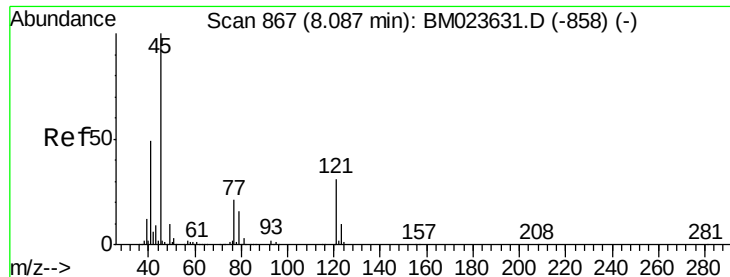
Tot Ion:128 Resp: 5474250
Ion Ratio Lower Upper
128 100
64 44.2 38.1 57.1
130 32.5 26.4 39.6



#11
2-Methylphenol
Concen: 182.209 ng/ul
RT: 8.01 min Scan# 871
Delta R.T. 0.01 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion:108 Resp: 5432375
Ion Ratio Lower Upper
108 100
107 89.4 71.4 107.2

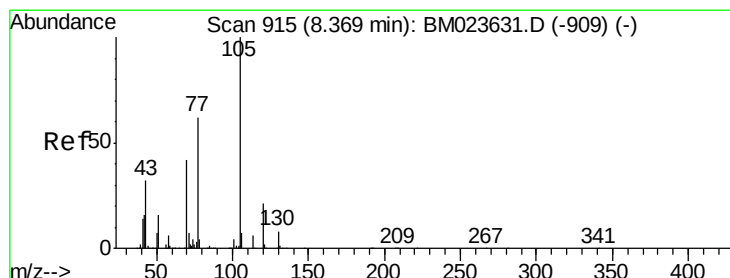
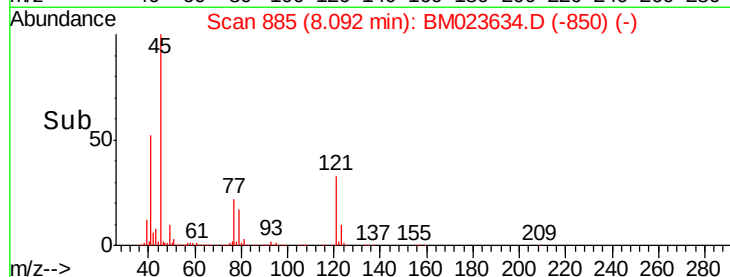
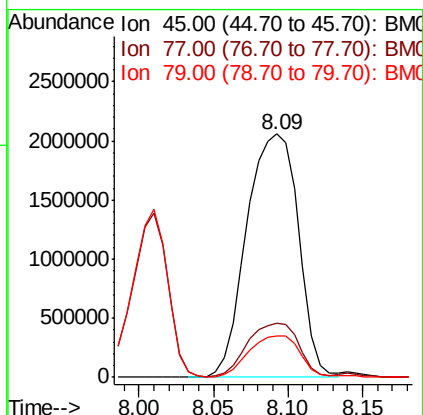
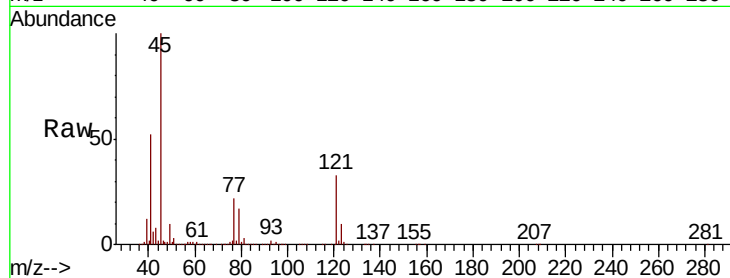




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 171.808 ng/ul
RT: 8.09 min Scan# 885
Delta R.T. 0.01 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

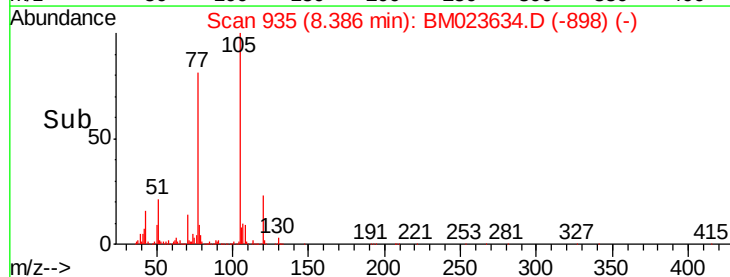
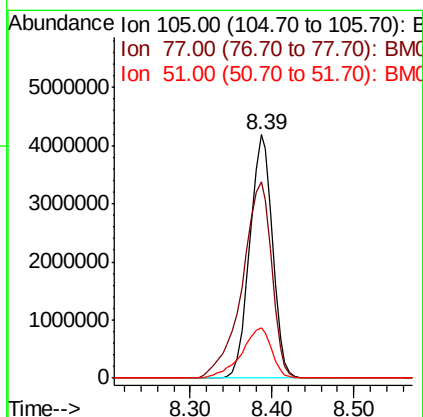
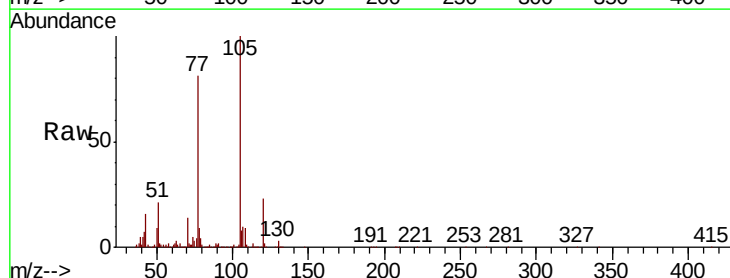
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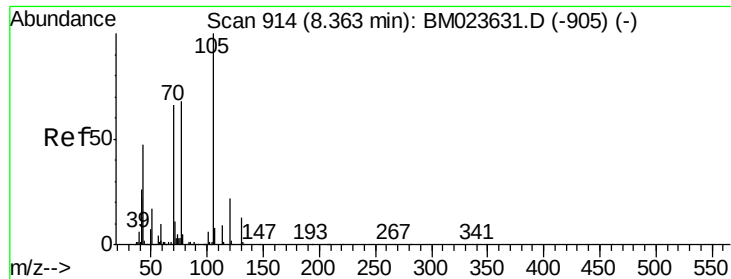
Tot Ion: 45 Resp: 4948719
Ion Ratio Lower Upper
45 100
77 22.1 17.4 26.0
79 17.2 13.9 20.9



#14
Acetophenone
Concen: 165.441 ng/ul
RT: 8.39 min Scan# 935
Delta R.T. 0.02 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion: 105 Resp: 8102146
Ion Ratio Lower Upper
105 100
77 80.9 63.8 95.6
51 20.5 16.3 24.5

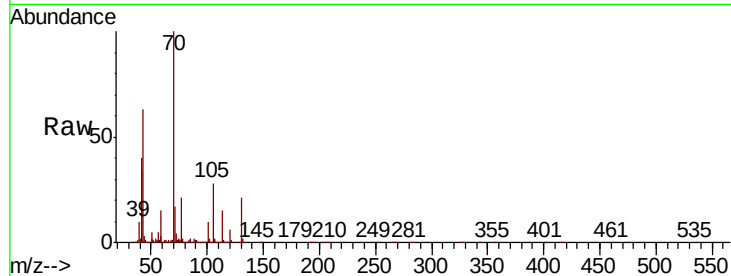




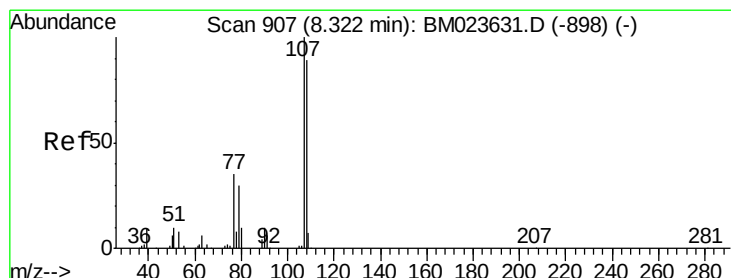
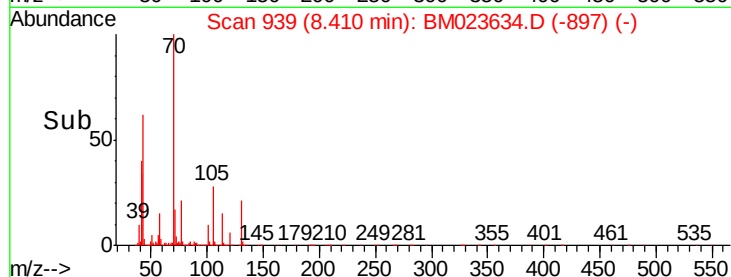
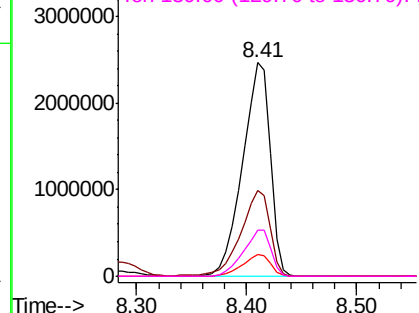
#15
N-Nitroso-di-n-propylamine
Concen: 178.151 ng/ul
RT: 8.41 min Scan# 939
Delta R.T. 0.05 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Instrument :
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ClientSampleId :
SSTD16006

Tot Ion: 70 Resp: 4344456
Ion Ratio Lower Upper
70 100
42 39.9 32.1 48.1
101 10.1 7.4 11.2
130 21.4 15.8 23.6

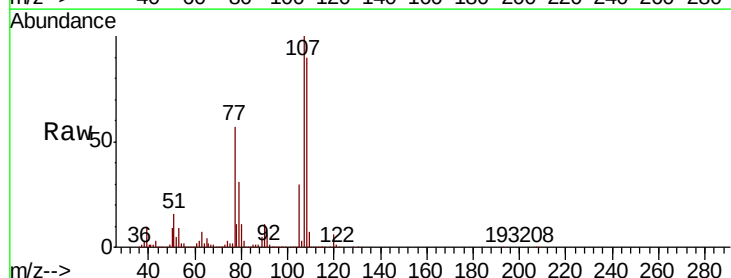


Abundance Ion 70.00 (69.70 to 70.70): BM0
Ion 42.00 (41.70 to 42.70): BM0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

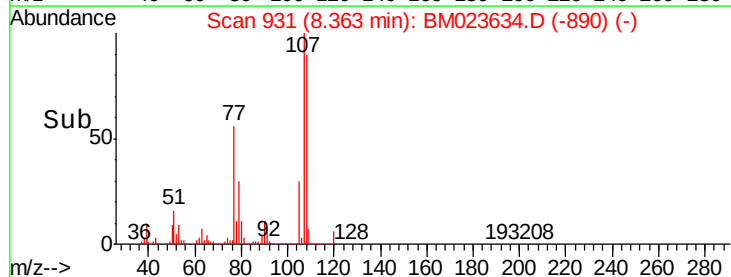
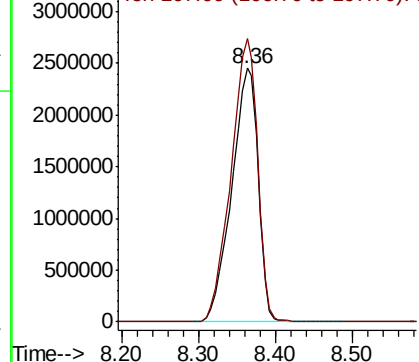


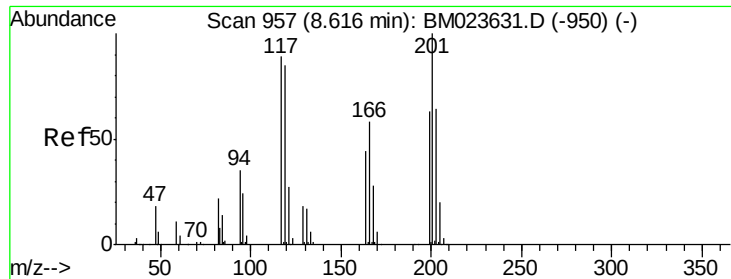
#16
4-Methylphenol
Concen: 176.603 ng/ul
RT: 8.36 min Scan# 931
Delta R.T. 0.04 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion:108 Resp: 5859517
Ion Ratio Lower Upper
108 100
107 111.6 89.8 134.6



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

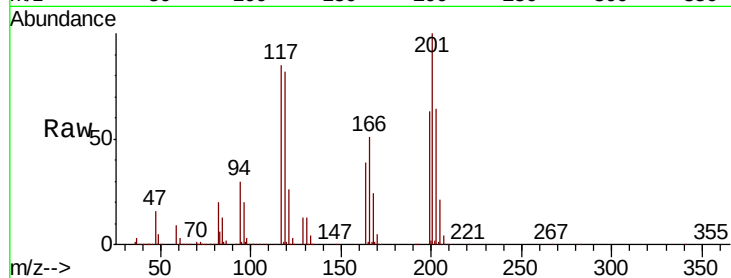




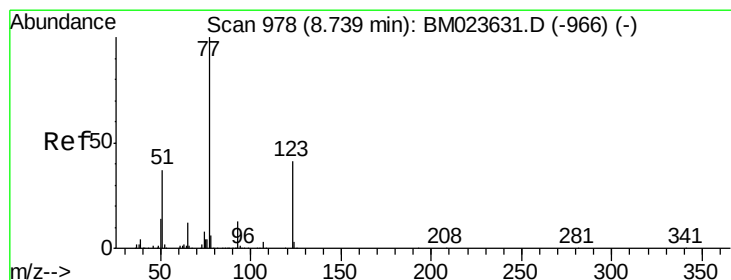
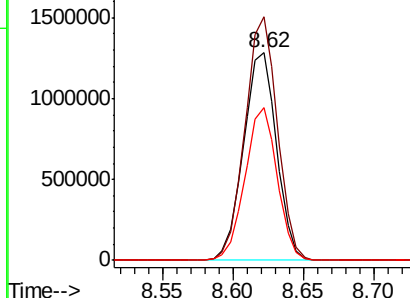
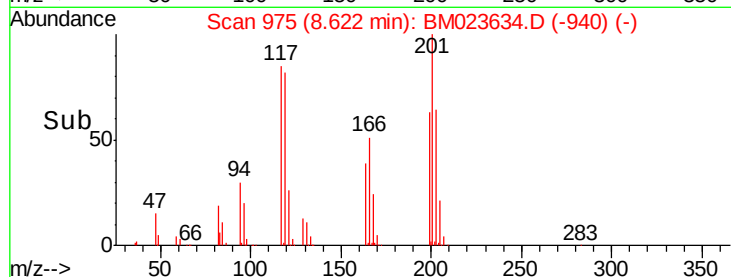
#17
Hexachloroethane
Concen: 174.336 ng/ul
RT: 8.62 min Scan# 975
Delta R.T. 0.01 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Instrument :
BNA_M
ClientSampleId :
SSTD16006

Tot Ion:117 Resp: 2111180
Ion Ratio Lower Upper
117 100
201 117.3 90.0 135.0
199 73.6 57.0 85.4

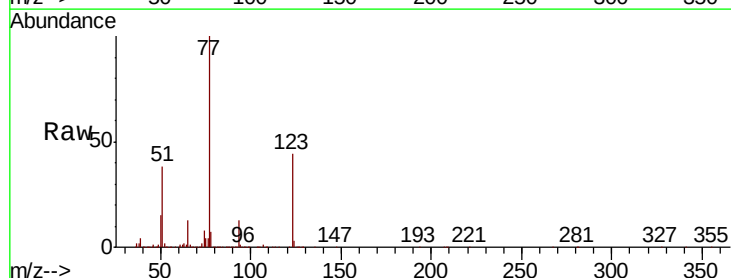


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

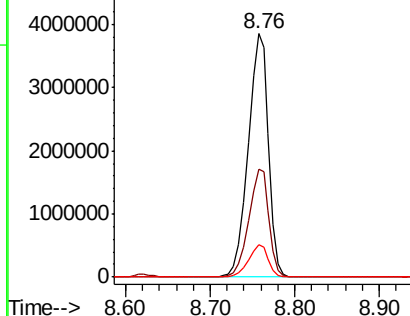
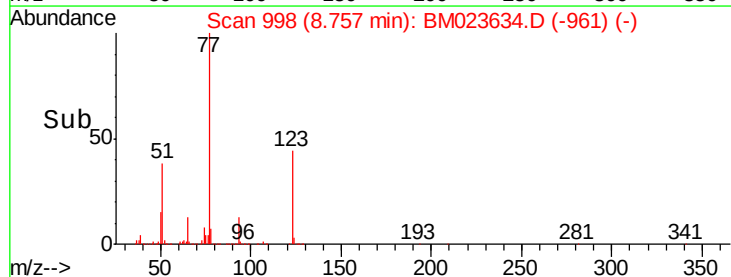


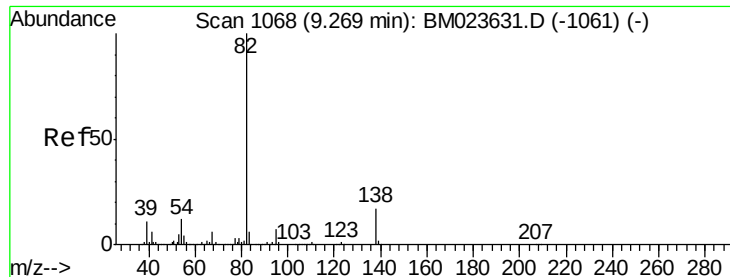
#20
Nitrobenzene
Concen: 177.353 ng/ul
RT: 8.76 min Scan# 998
Delta R.T. 0.02 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion: 77 Resp: 6414537
Ion Ratio Lower Upper
77 100
123 44.5 33.1 49.7
65 13.1 9.8 14.8



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: 186.422 ng/ul

RT: 9.30 min Scan# 1091

Delta R.T. 0.04 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

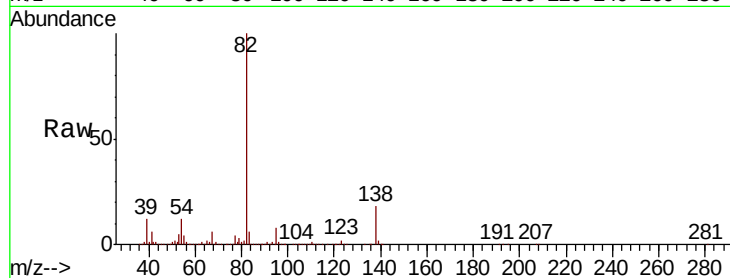
Tot Ion: 82 Resp:12485348

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

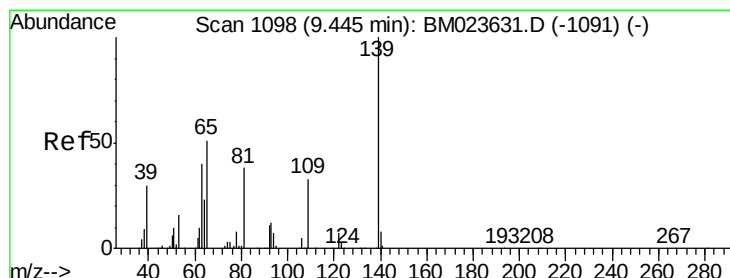
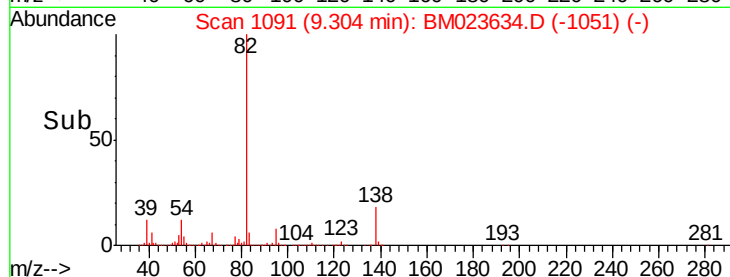
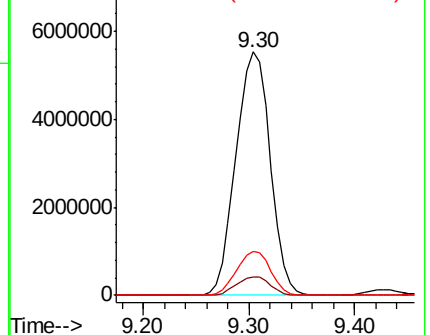
138 18.2 13.4 20.2



Abundance Ion 82.00 (81.70 to 82.70): BM023634.D (-1091) (-)

Ion 95.00 (94.70 to 95.70): BM023634.D (-1091) (-)

Ion 138.00 (137.70 to 138.70): BM023634.D (-1091) (-)



#23

2-Nitrophenol

Concen: 222.198 ng/ul

RT: 9.46 min Scan# 1118

Delta R.T. 0.02 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

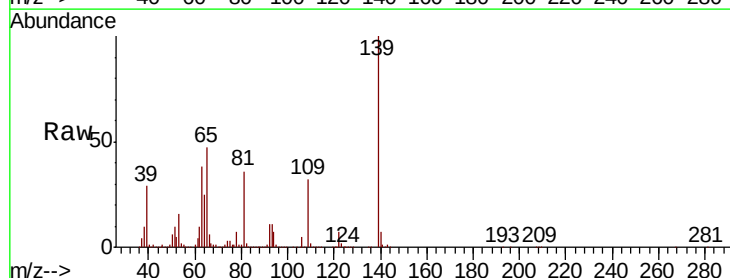
Tgt Ion:139 Resp: 3259674

Ion Ratio Lower Upper

139 100

65 47.5 41.7 62.5

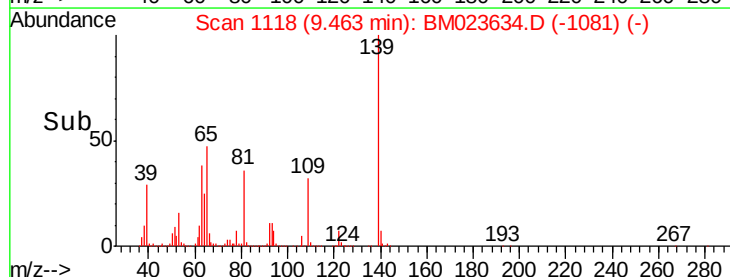
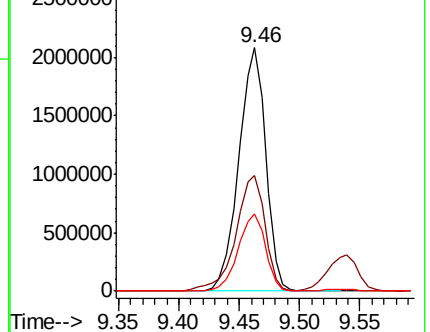
109 32.0 26.1 39.1

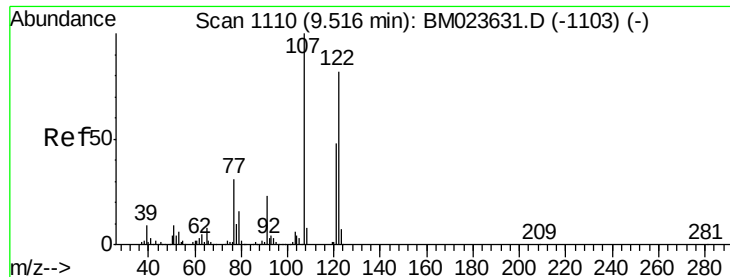


Abundance Ion 139.00 (138.70 to 139.70): BM023634.D (-1118) (-)

Ion 65.00 (64.70 to 65.70): BM023634.D (-1118) (-)

Ion 109.00 (108.70 to 109.70): BM023634.D (-1118) (-)

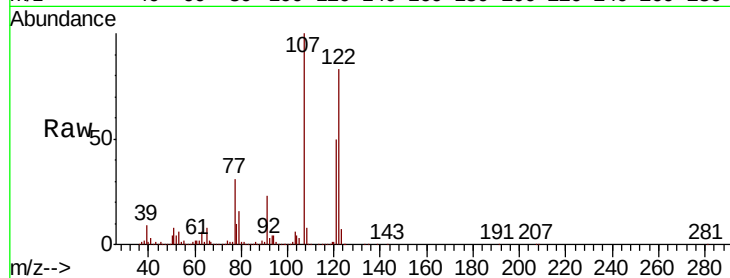




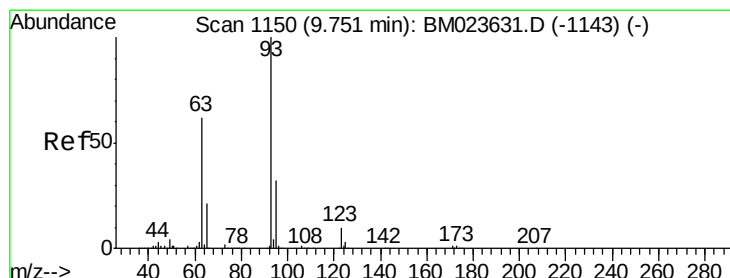
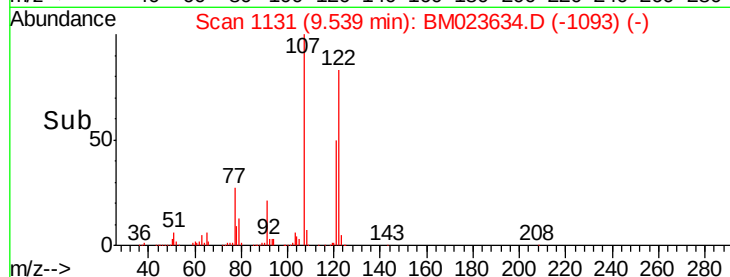
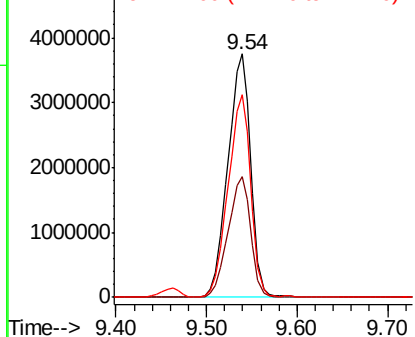
#24
 2,4-Dimethylphenol
 Concen: 178.484 ng/ul
 RT: 9.54 min Scan# 1131
 Delta R.T. 0.02 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16006

Tot Ion:107 Resp: 6553669
 Ion Ratio Lower Upper
 107 100
 121 49.7 38.6 57.8
 122 83.2 65.9 98.9

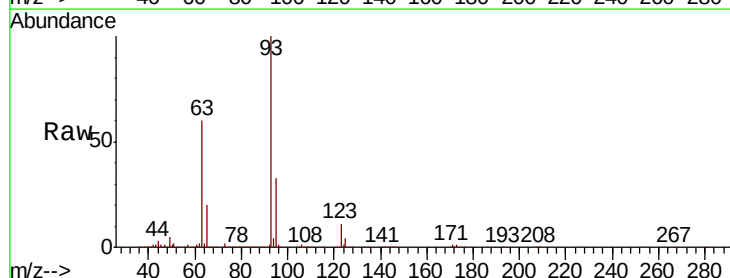


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E
 Ion 122.00 (121.70 to 122.70): E

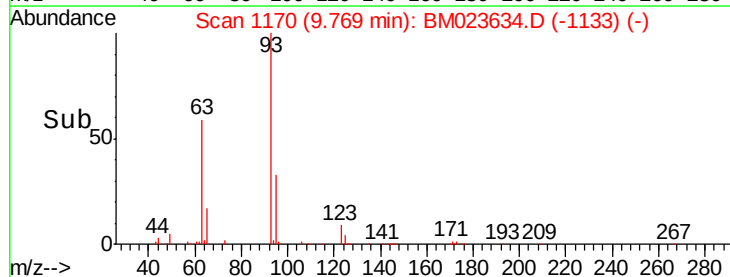
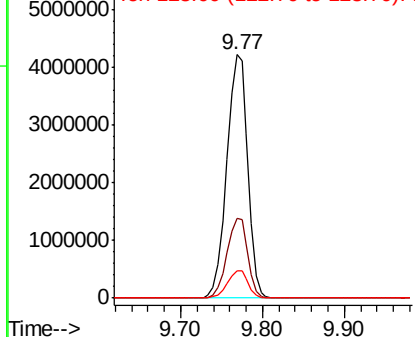


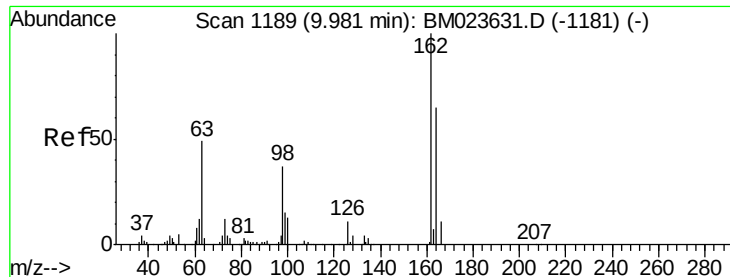
#25
 Bis(2-Chloroethoxy)methane
 Concen: 171.018 ng/ul
 RT: 9.77 min Scan# 1170
 Delta R.T. 0.02 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Tgt Ion: 93 Resp: 7465514
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.7 38.5
 123 11.2 8.3 12.5



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

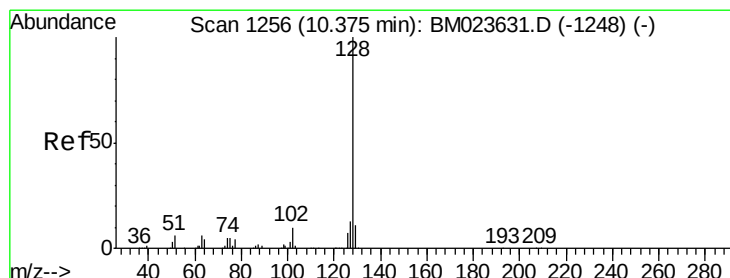
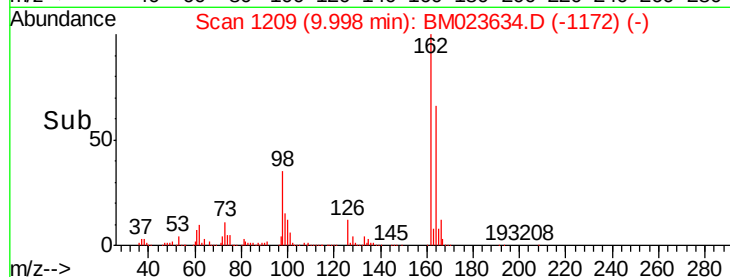
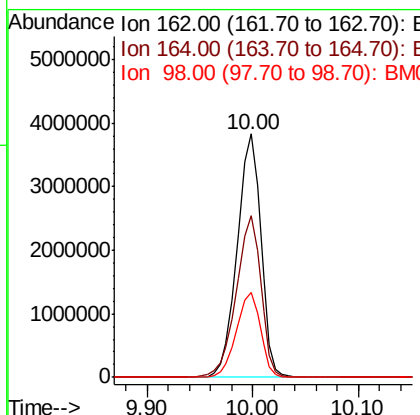
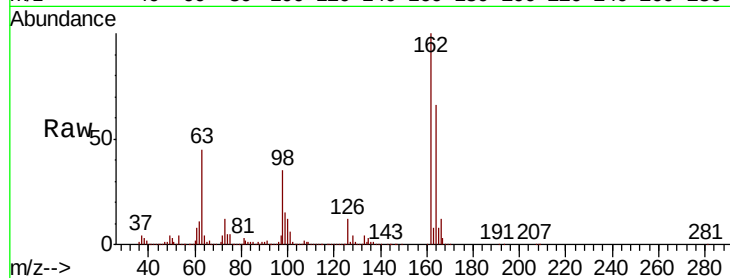




#27
2,4-Dichlorophenol
Concen: 184.590 ng/ul
RT: 10.00 min Scan# 1209
Delta R.T. 0.02 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

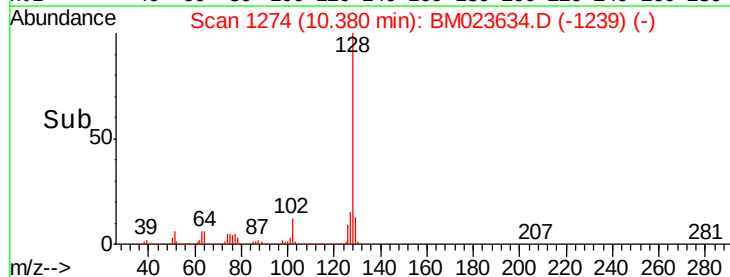
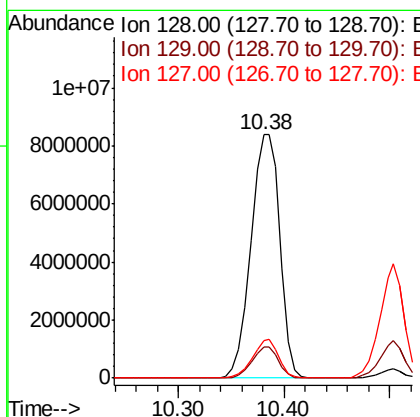
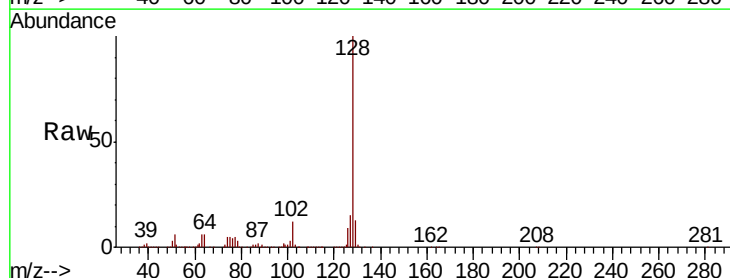
Instrument :
BNA_M
ClientSampleId :
SSTD16006

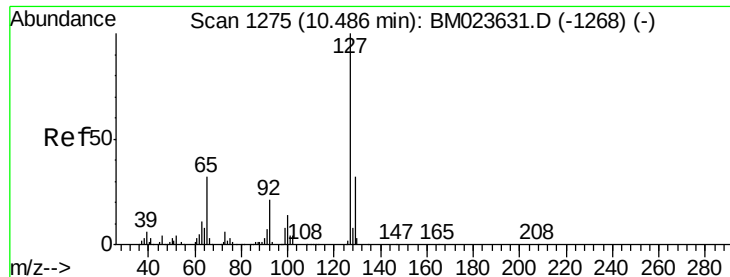
Tot Ion:162 Resp: 5952013
Ion Ratio Lower Upper
162 100
164 66.4 51.9 77.9
98 35.1 29.9 44.9



#28
Naphthalene
Concen: 152.809 ng/ul
RT: 10.38 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion:128 Resp:15977338
Ion Ratio Lower Upper
128 100
129 12.9 8.7 13.1
127 15.3 10.6 16.0

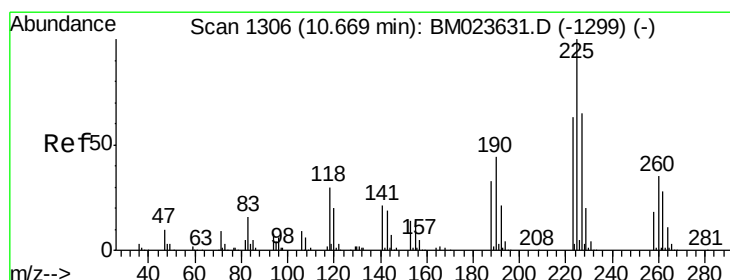
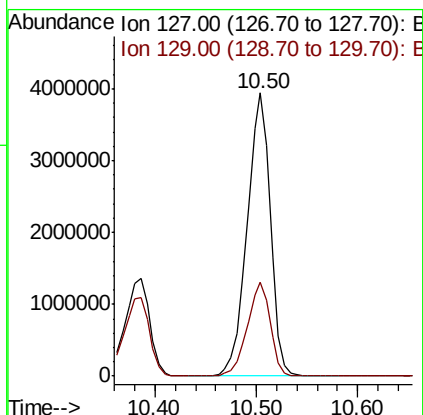
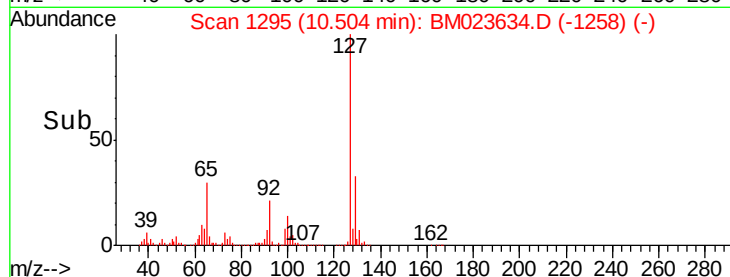
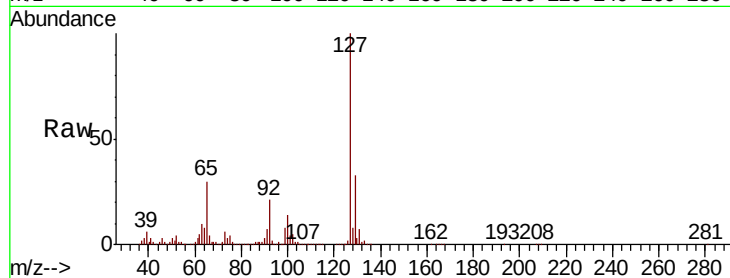




#30
4-Chloroaniline
Concen: 154.272 ng/ul
RT: 10.50 min Scan# 1295
Delta R.T. 0.02 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

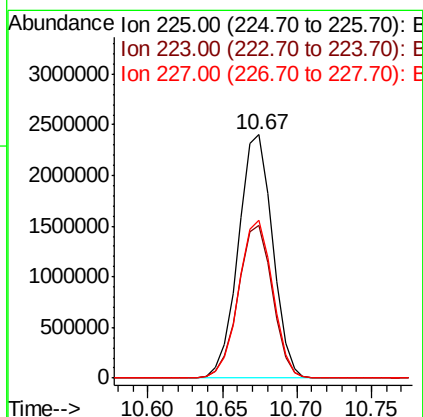
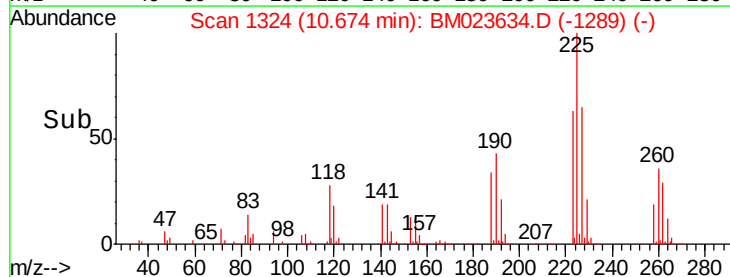
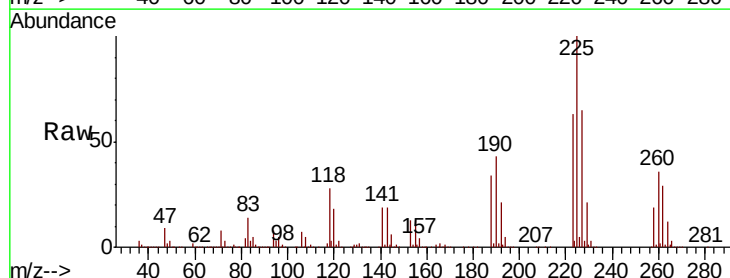
Instrument :
BNA_M
ClientSampleId :
SSTD16006

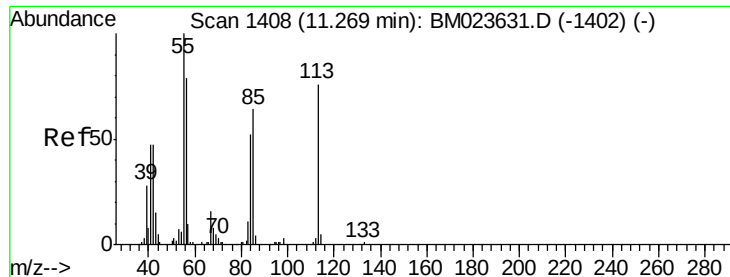
Tot Ion:127 Resp: 6244046
Ion Ratio Lower Upper
127 100
129 33.0 26.1 39.1



#31
Hexachlorobutadiene
Concen: 162.669 ng/ul
RT: 10.67 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion:225 Resp: 3825865
Ion Ratio Lower Upper
225 100
223 62.7 50.5 75.7
227 65.0 51.9 77.9





#32

Caprolactam

Concen: 103.019 ng/ul

RT: 11.36 min Scan# 1441

Delta R.T. 0.09 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

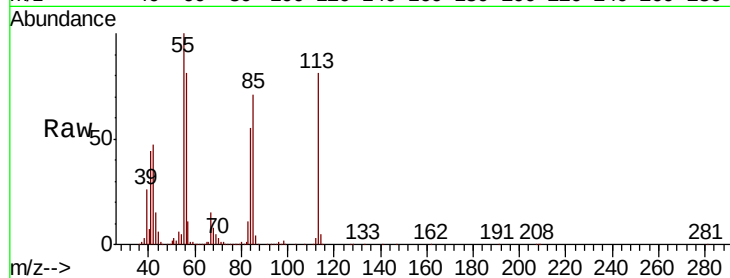
Tot Ion:113 Resp: 1017796

Ion Ratio Lower Upper

113 100

55 124.2 105.8 158.6

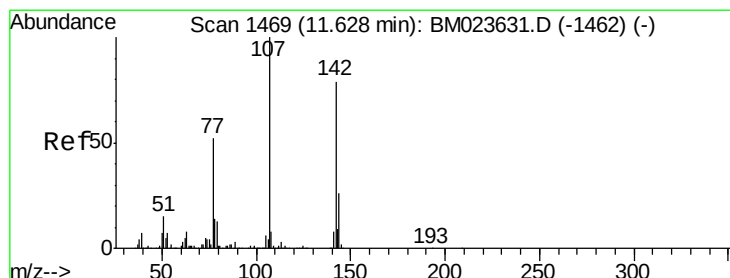
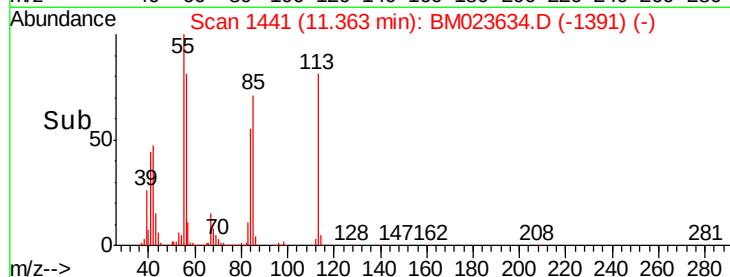
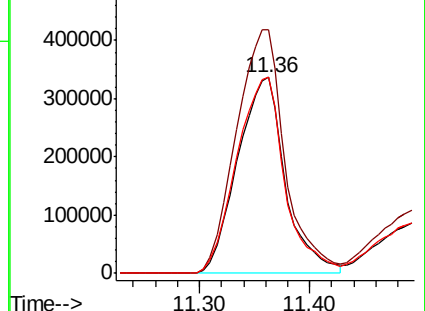
56 100.4 83.0 124.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 184.889 ng/ul

RT: 11.66 min Scan# 1492

Delta R.T. 0.04 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

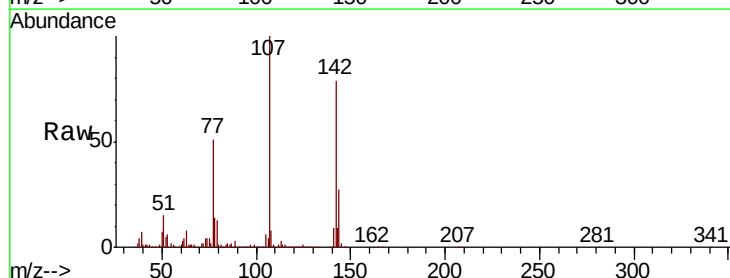
Tgt Ion:107 Resp: 6339441

Ion Ratio Lower Upper

107 100

144 26.6 20.6 30.8

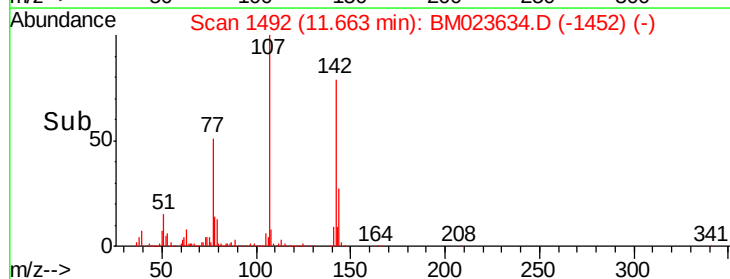
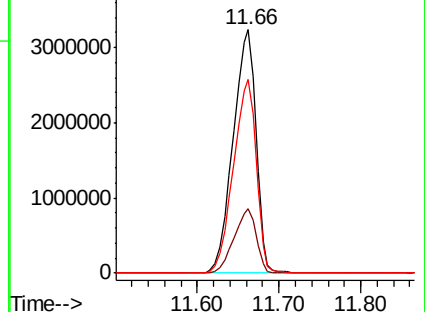
142 79.3 62.9 94.3

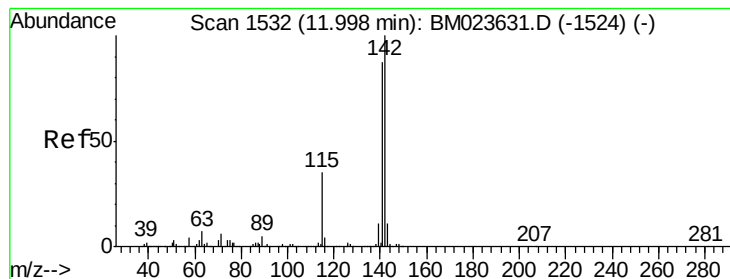


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 166.467 ng/ul

RT: 12.01 min Scan# 1551

Delta R.T. 0.01 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

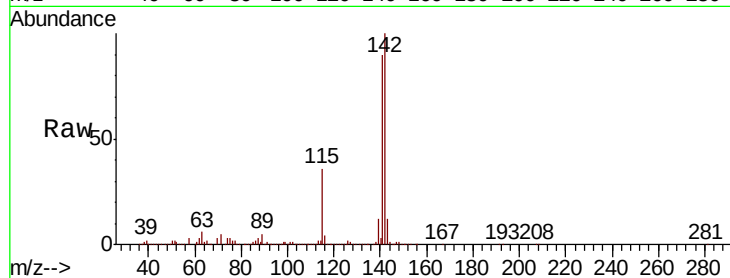
SSTD16006

Tot Ion:142 Resp:12750958

Ion Ratio Lower Upper

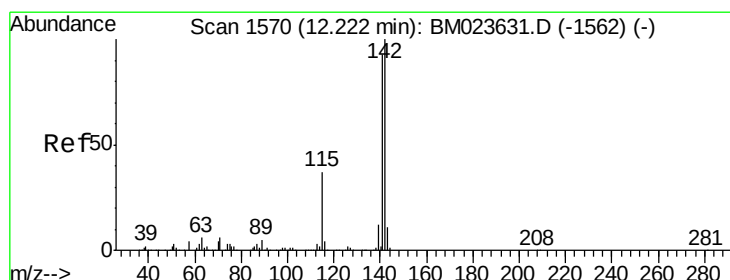
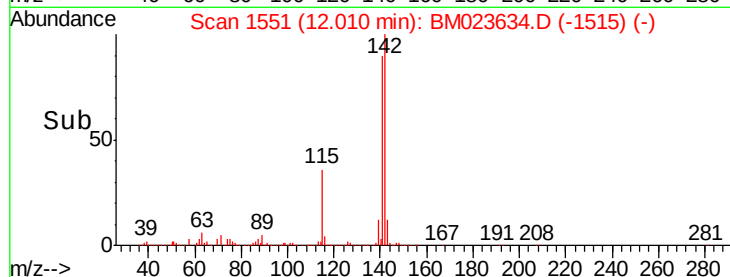
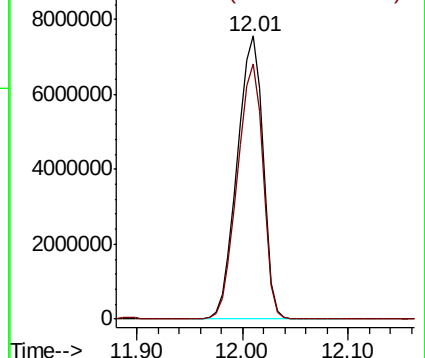
142 100

141 90.3 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 155.628 ng/ul

RT: 12.23 min Scan# 1589

Delta R.T. 0.01 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

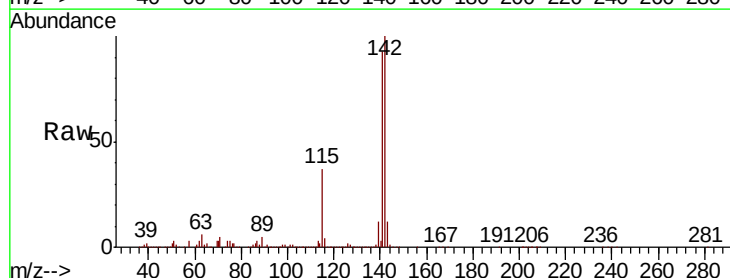
Tgt Ion:142 Resp:11506777

Ion Ratio Lower Upper

142 100

141 92.7 74.6 112.0

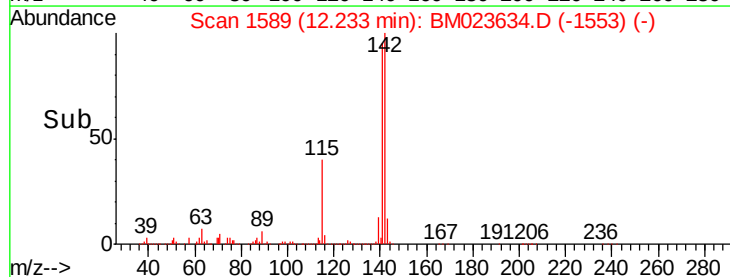
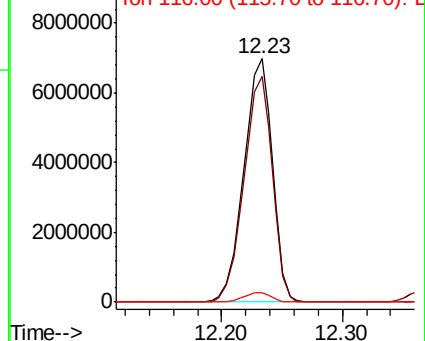
116 3.9 3.2 4.8

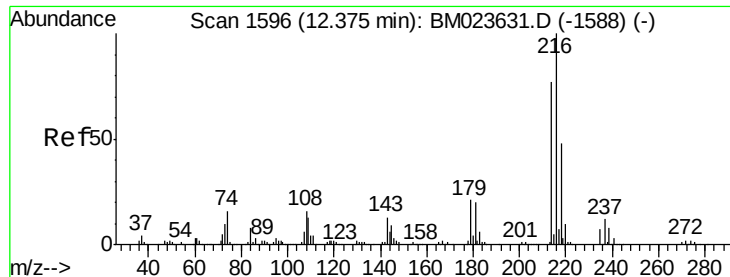


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

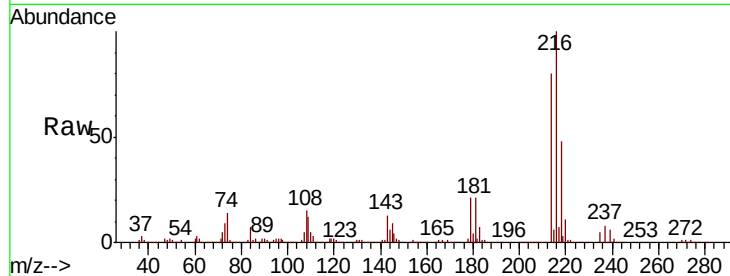




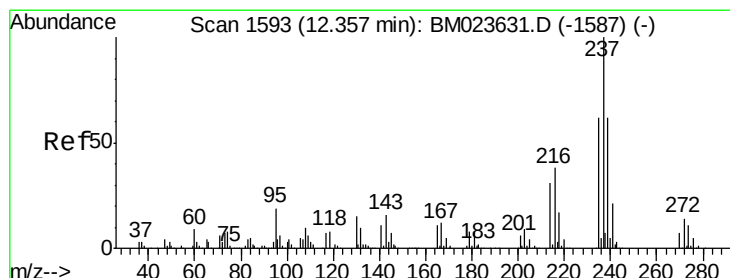
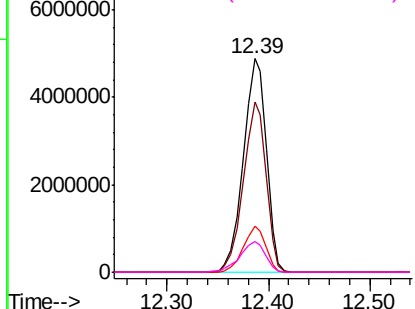
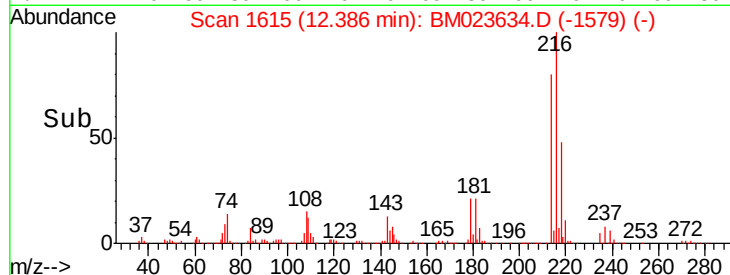
#37
 1,2,4,5-Tetrachlorobenzene
 Concen: 167.498 ng/ul
 RT: 12.39 min Scan# 1615
 Delta R.T. 0.01 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16006

Tot Ion:216 Resp: 7652650
 Ion Ratio Lower Upper
 216 100
 214 79.7 61.7 92.5
 179 21.4 16.5 24.7
 108 14.7 12.7 19.1

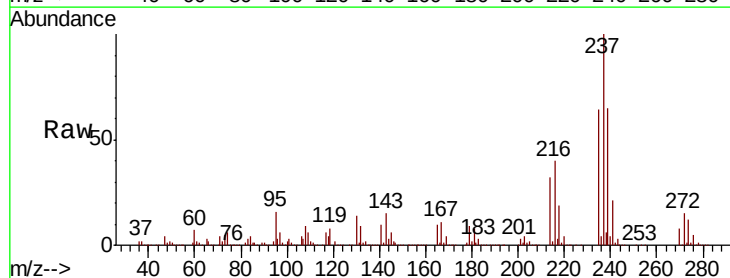


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

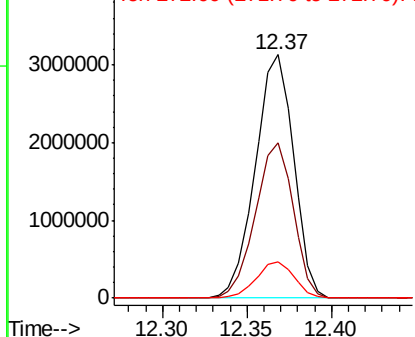
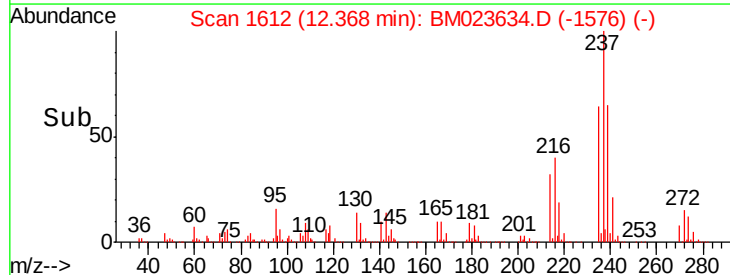


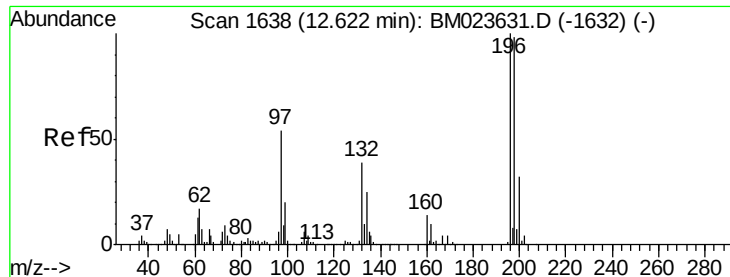
#38
 Hexachlorocyclopentadiene
 Concen: 224.308 ng/ul
 RT: 12.37 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Tgt Ion:237 Resp: 4944506
 Ion Ratio Lower Upper
 237 100
 235 63.5 49.8 74.8
 272 15.0 10.8 16.2



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: 201.530 ng/ul

RT: 12.64 min Scan# 1658

Delta R.T. 0.02 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

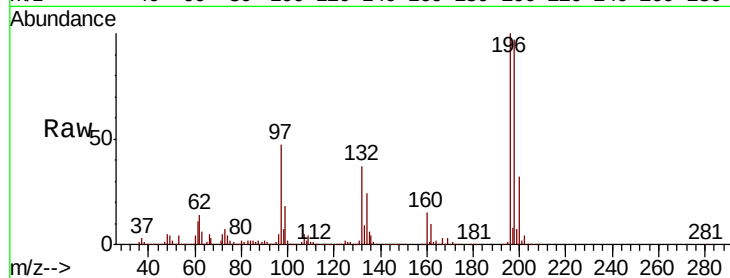
Tot Ion:196 Resp: 5279361

Ion Ratio Lower Upper

196 100

198 96.9 78.5 117.7

200 32.1 25.6 38.4

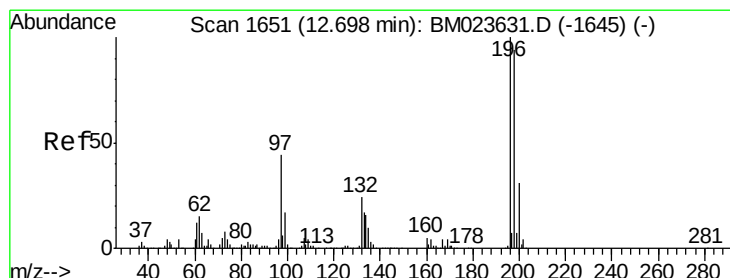
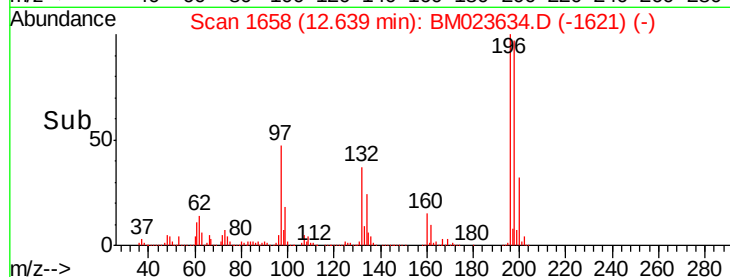
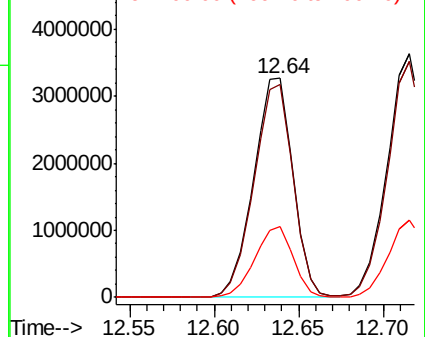


Abundance

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: 195.702 ng/ul

RT: 12.72 min Scan# 1671

Delta R.T. 0.02 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

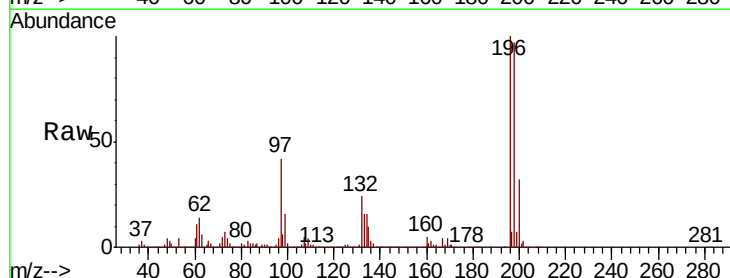
Tgt Ion:196 Resp: 5664587

Ion Ratio Lower Upper

196 100

198 97.1 75.3 112.9

200 31.9 25.0 37.6

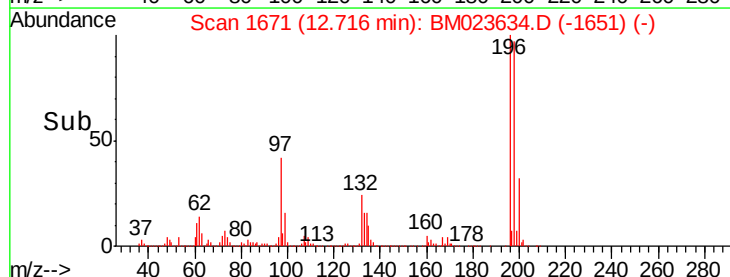
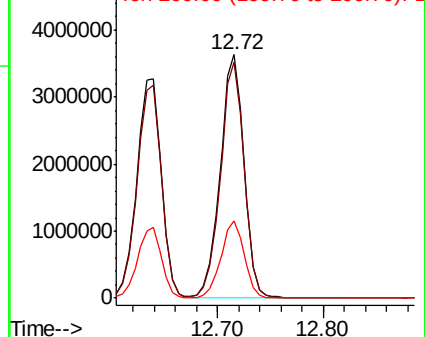


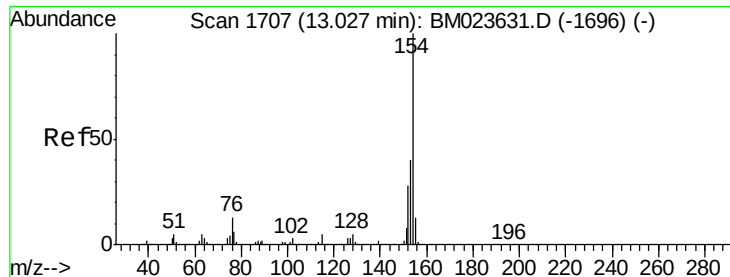
Abundance

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

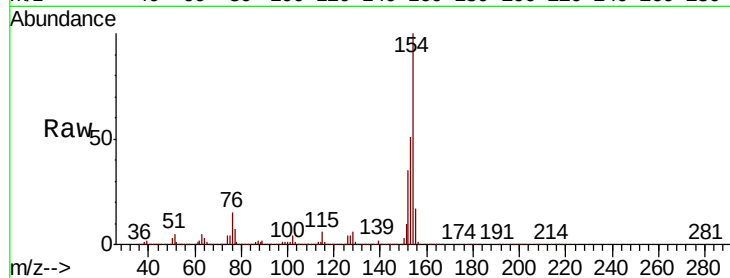




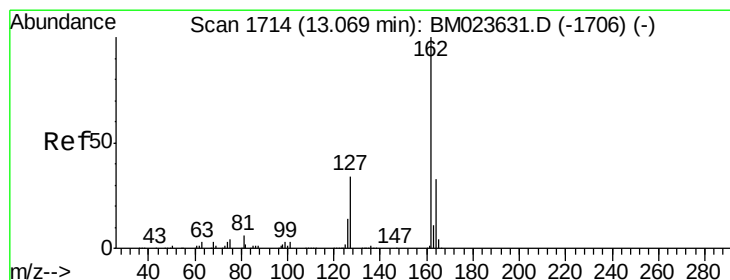
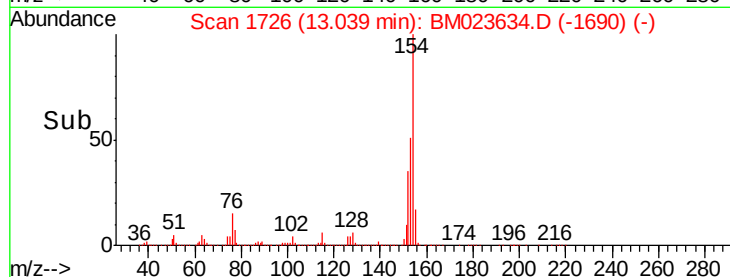
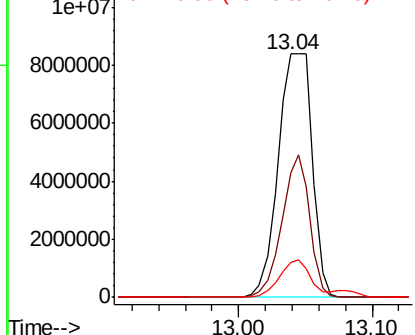
#41
 1,1'-Biphenyl
 Concen: 145.914 ng/ul
 RT: 13.04 min Scan# 1726
 Delta R.T. 0.01 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Instrument :
 BNA_M
 ClientSampled :
 SSTD16006

Tot Ion:154 Resp:15000876
 Ion Ratio Lower Upper
 154 100
 153 51.0 32.3 48.5#
 76 14.6 10.6 15.8

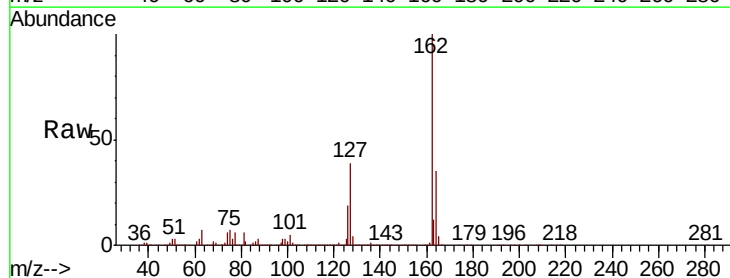


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

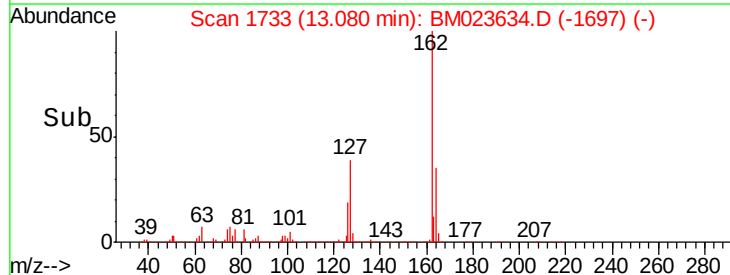
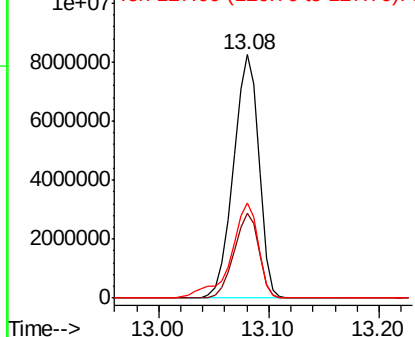


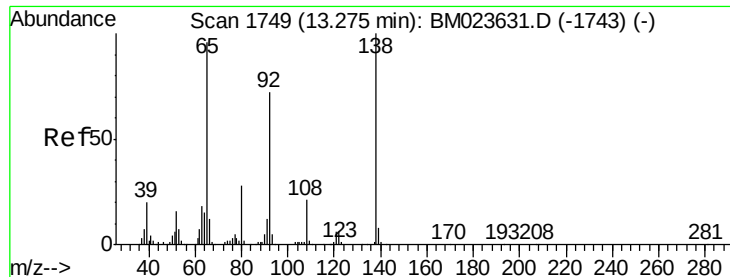
#42
 2-Chloronaphthalene
 Concen: 166.951 ng/ul
 RT: 13.08 min Scan# 1733
 Delta R.T. 0.01 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Tgt Ion:162 Resp:13331545
 Ion Ratio Lower Upper
 162 100
 164 34.9 26.7 40.1
 127 38.9 29.5 44.3



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

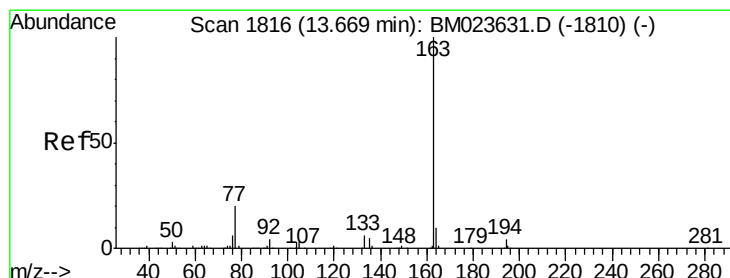
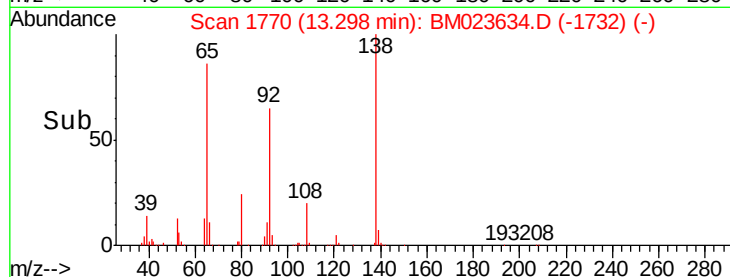
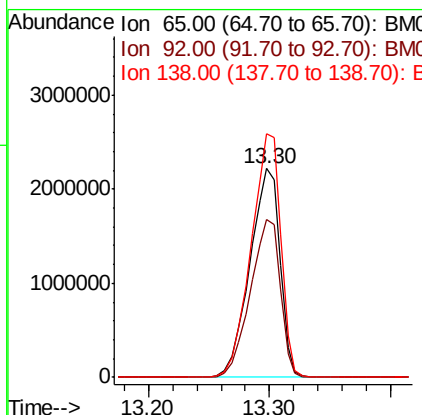
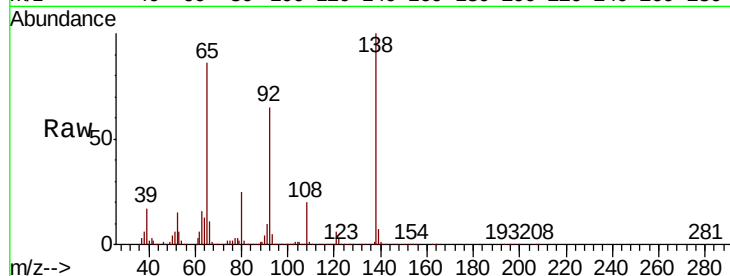




#43
2-Nitroaniline
Concen: 234.063 ng/ul
RT: 13.30 min Scan# 1770
Delta R.T. 0.02 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

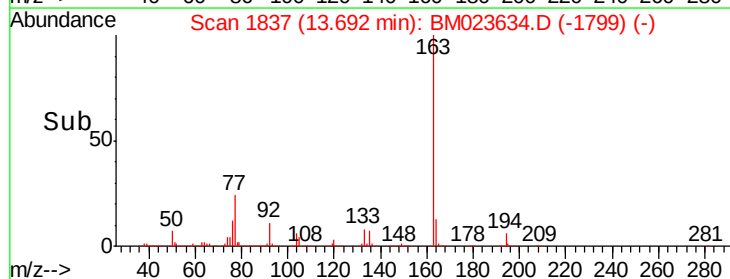
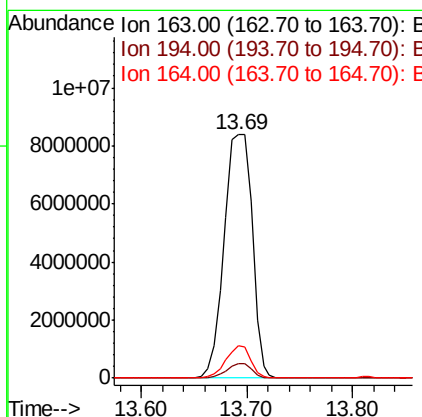
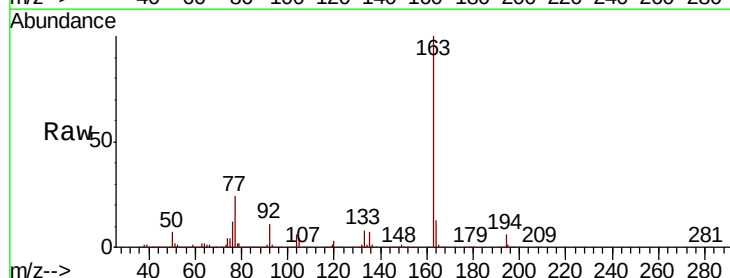
Instrument :
BNA_M
ClientSampleId :
SSTD16006

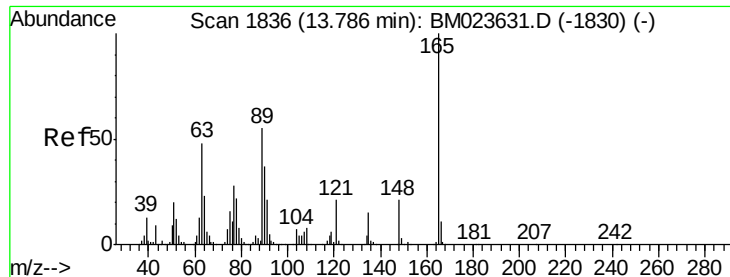
Tot Ion: 65 Resp: 3871879
Ion Ratio Lower Upper
65 100
92 75.5 60.4 90.6
138 116.5 83.8 125.6



#45
Dimethylphthalate
Concen: 156.365 ng/ul
RT: 13.69 min Scan# 1837
Delta R.T. 0.02 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion: 163 Resp: 15410038
Ion Ratio Lower Upper
163 100
194 6.0 3.4 5.2#
164 13.2 8.0 12.0#

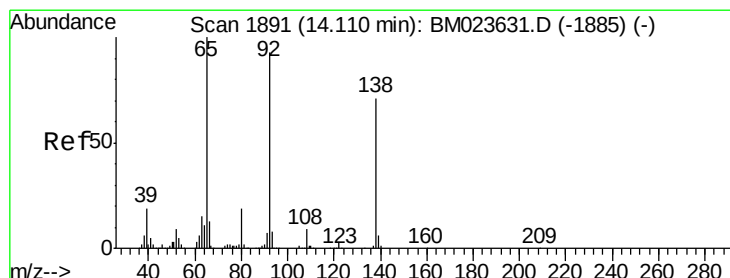
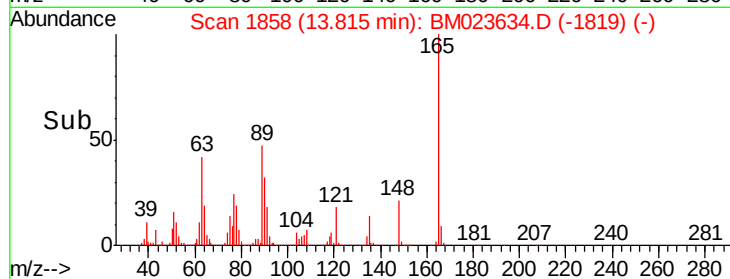
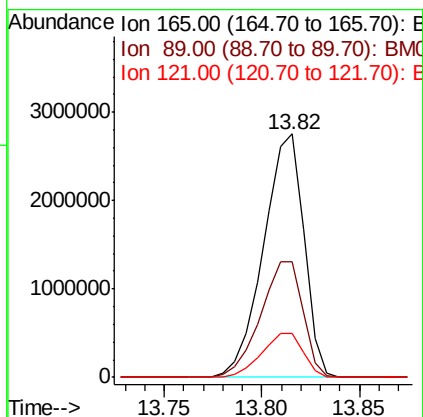
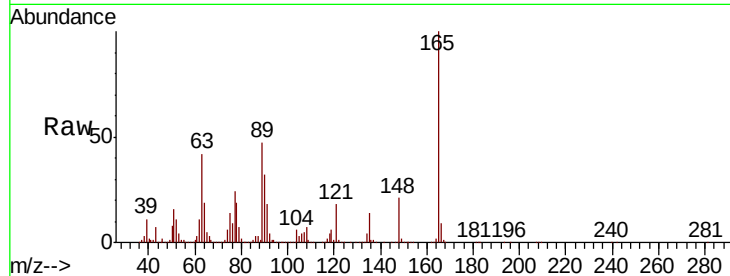




#46
 2,6-Dinitrotoluene
 Concen: 233.904 ng/ul
 RT: 13.82 min Scan# 1858
 Delta R.T. 0.03 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

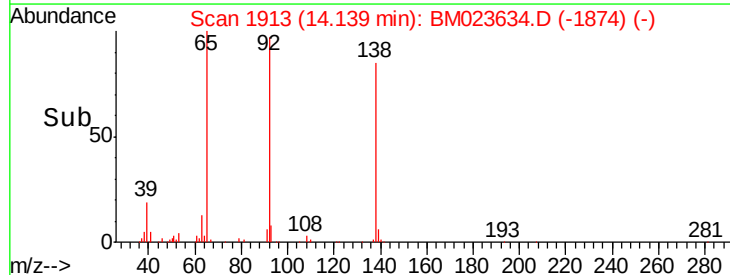
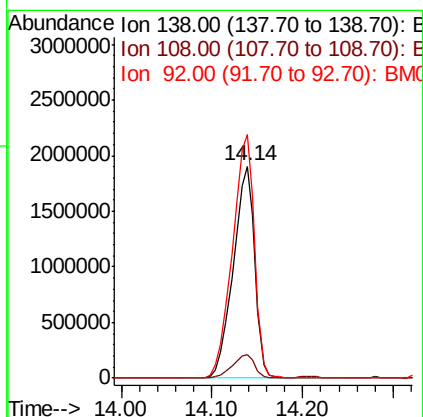
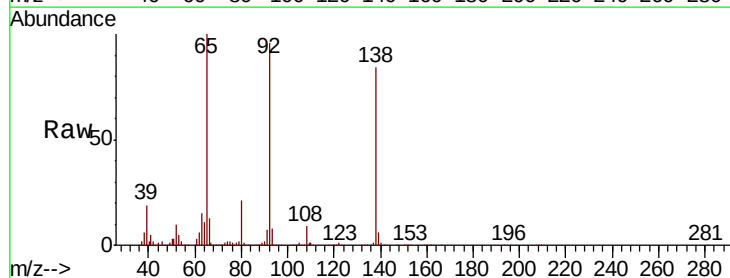
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16006

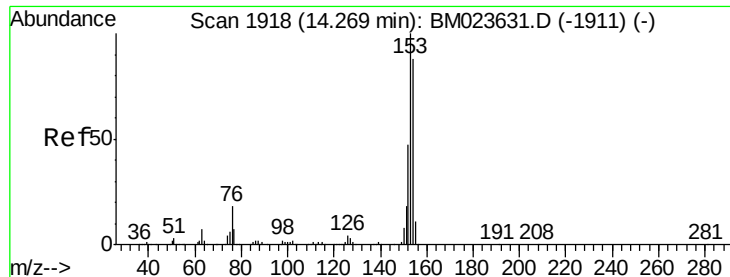
Tot Ion:165 Resp: 3949039
 Ion Ratio Lower Upper
 165 100
 89 47.4 43.8 65.8
 121 17.9 17.0 25.4



#49
 3-Nitroaniline
 Concen: 177.742 ng/ul
 RT: 14.14 min Scan# 1913
 Delta R.T. 0.03 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Tgt Ion:138 Resp: 3154358
 Ion Ratio Lower Upper
 138 100
 108 11.2 10.2 15.2
 92 115.0 105.4 158.0





#50

Acenaphthene

Concen: 160.789 ng/ul

RT: 14.28 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

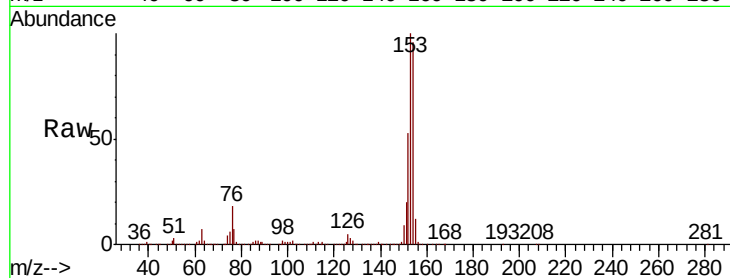
Tot Ion:153 Resp:13719182

Ion Ratio Lower Upper

153 100

152 52.7 37.7 56.5

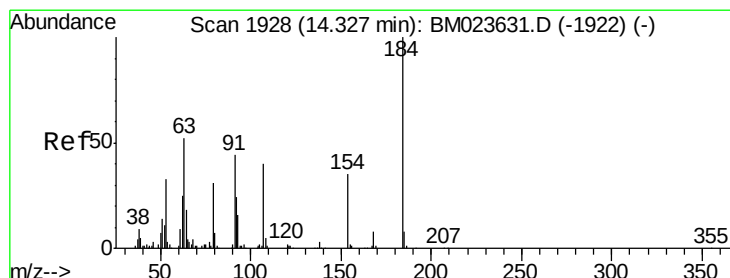
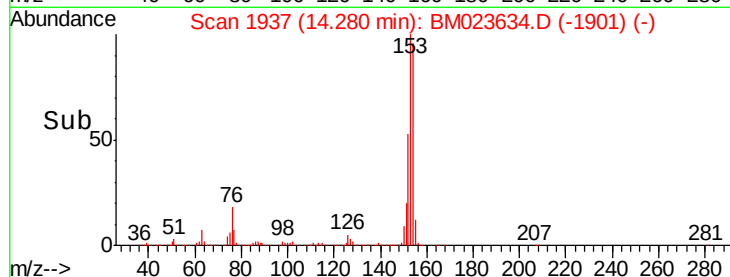
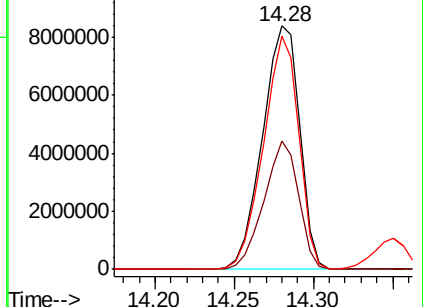
154 95.8 70.6 106.0



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#51

2,4-Dinitrophenol

Concen: 252.457 ng/ul

RT: 14.35 min Scan# 1949

Delta R.T. 0.02 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

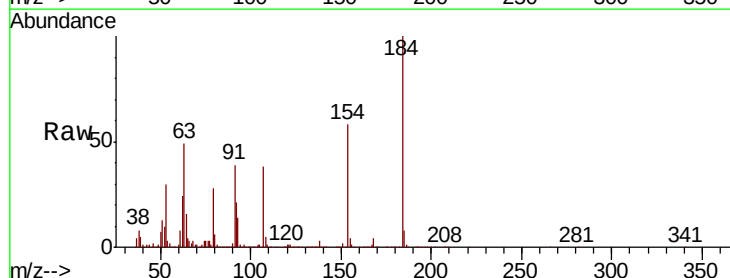
Tgt Ion:184 Resp: 2722589

Ion Ratio Lower Upper

184 100

63 48.8 43.4 65.0

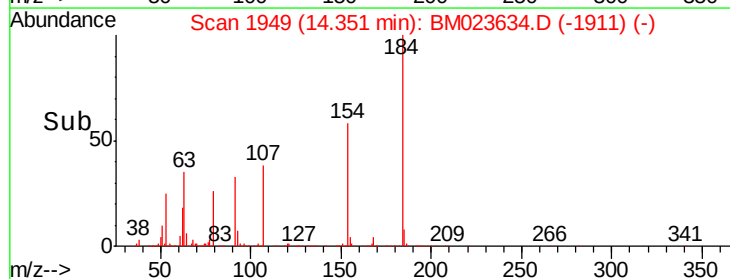
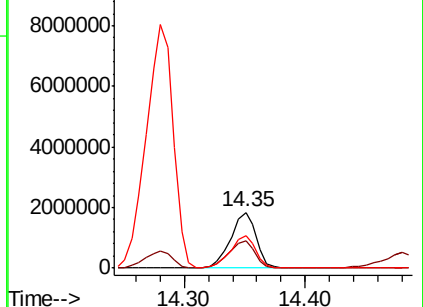
154 57.8 47.2 70.8

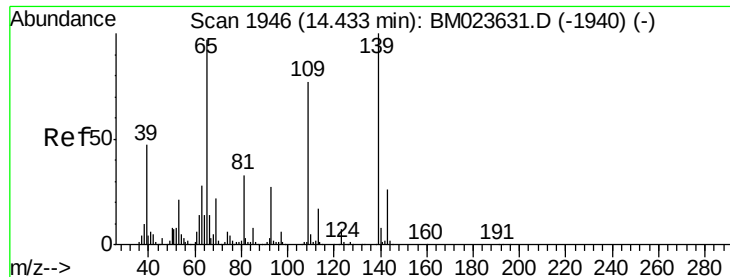


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#53

4-Nitrophenol

Concen: 175.041 ng/ul

RT: 14.48 min Scan# 1971

Delta R.T. 0.05 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

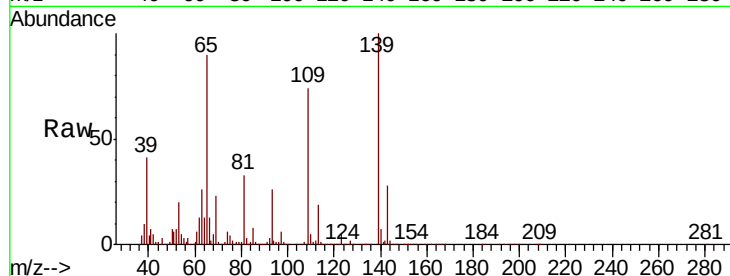
Tot Ion:109 Resp: 2468245

Ion Ratio Lower Upper

109 100

139 135.5 103.4 155.0

65 122.1 101.3 151.9

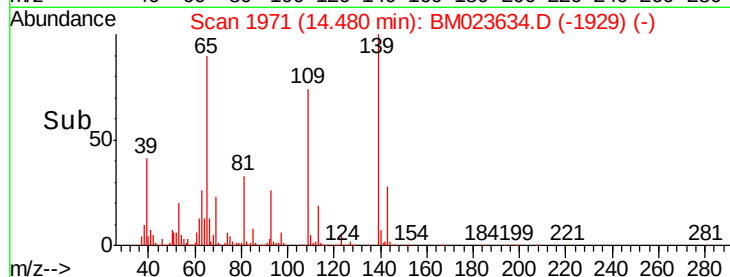
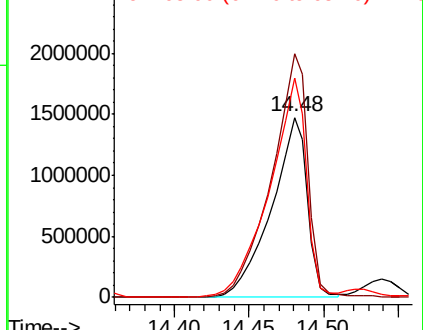


Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#54

Dibenzofuran

Concen: 126.322 ng/ul

RT: 14.62 min Scan# 1994

Delta R.T. 0.01 min

Lab File: BM023634.D

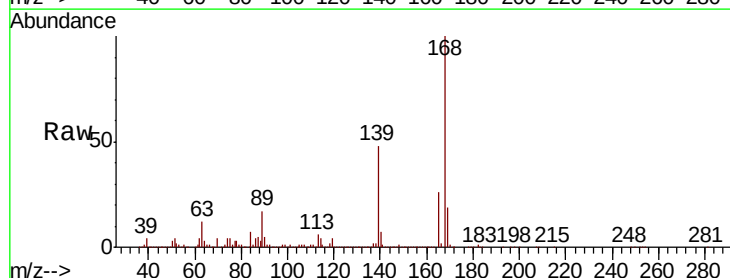
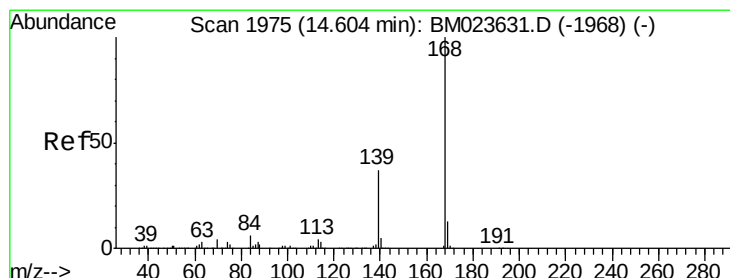
Acq: 11 Nov 2019 12:07

Tgt Ion:168 Resp:16249755

Ion Ratio Lower Upper

168 100

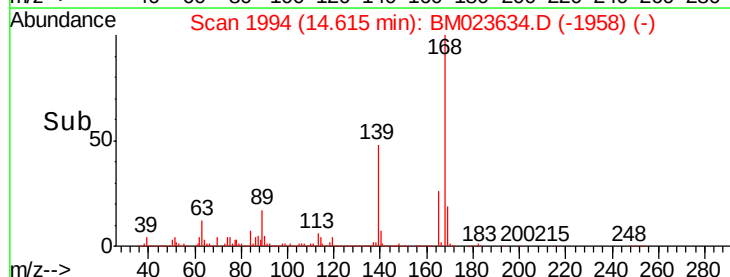
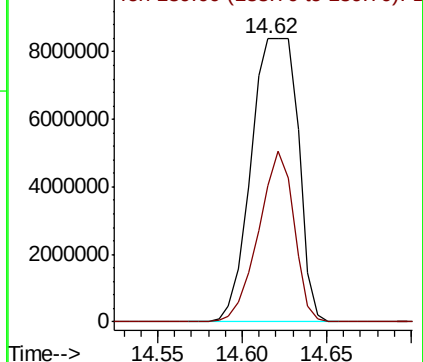
139 48.3 29.3 43.9#

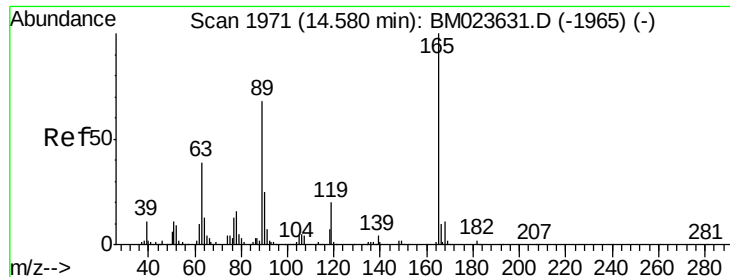


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#55

2,4-Dinitrotoluene

Concen: 207.060 ng/ul

RT: 14.61 min Scan# 1993

Delta R.T. 0.03 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

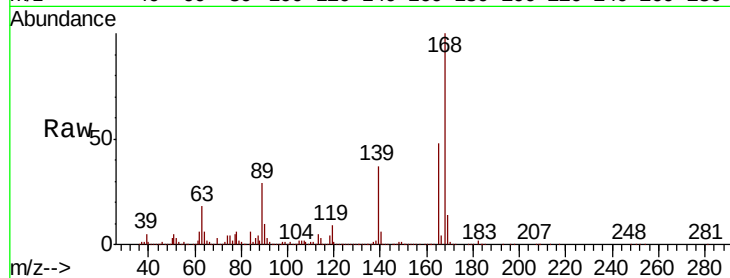
Tot Ion:165 Resp: 5462708

Ion Ratio Lower Upper

165 100

63 37.9 31.0 46.6

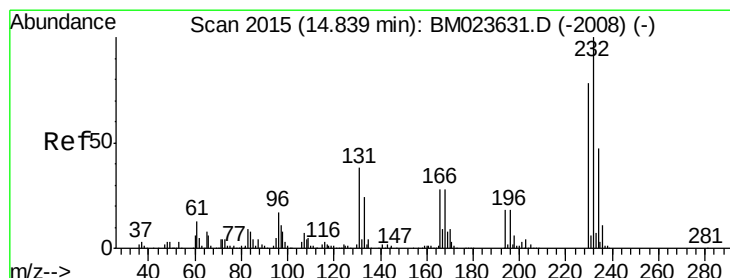
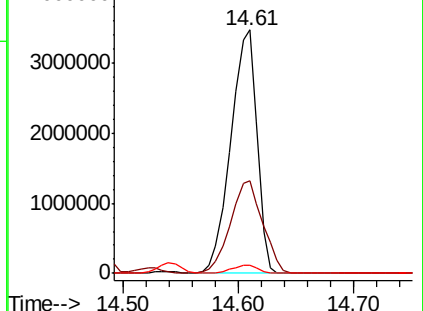
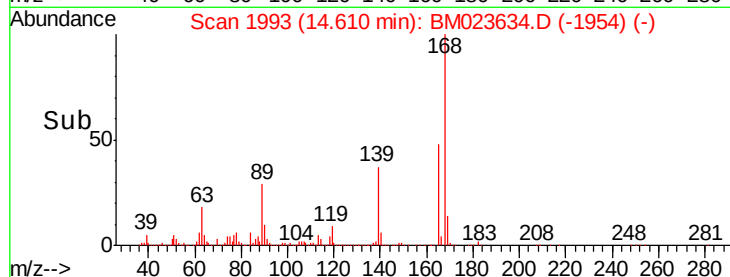
182 3.3 2.4 3.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#56

2,3,4,6-Tetrachlorophenol

Concen: 197.948 ng/ul

RT: 14.85 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Tgt Ion:232 Resp: 5311887

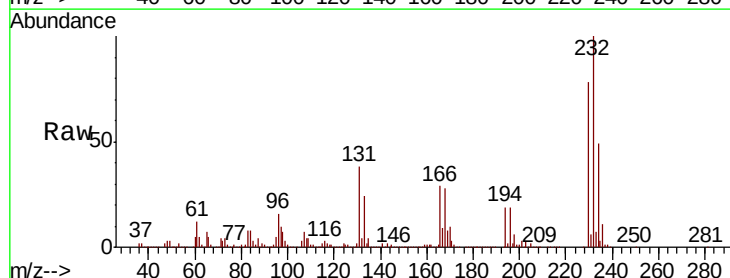
Ion Ratio Lower Upper

232 100

131 37.8 30.1 45.1

130 2.0 1.5 2.3

166 29.2 22.5 33.7

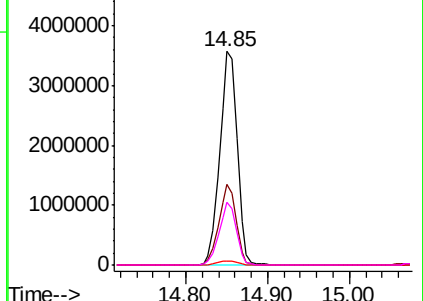
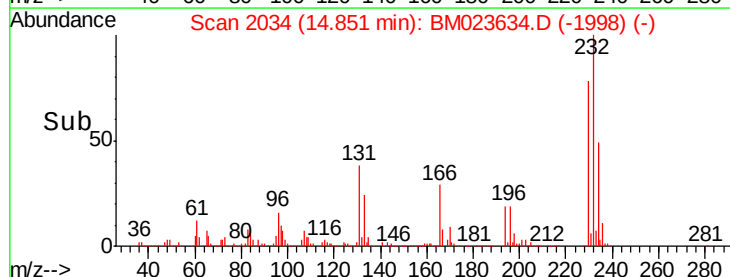


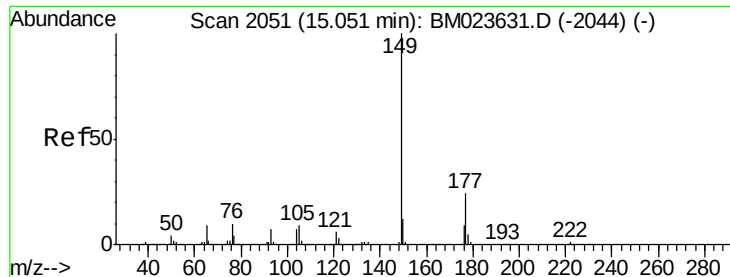
Abundance Ion 232.00 (231.70 to 232.70): E

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

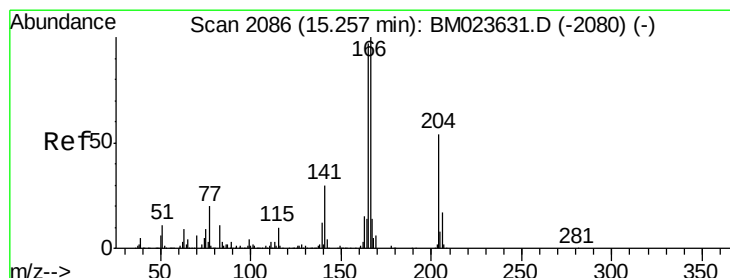
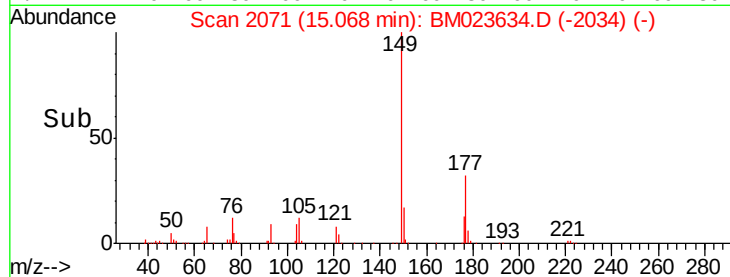
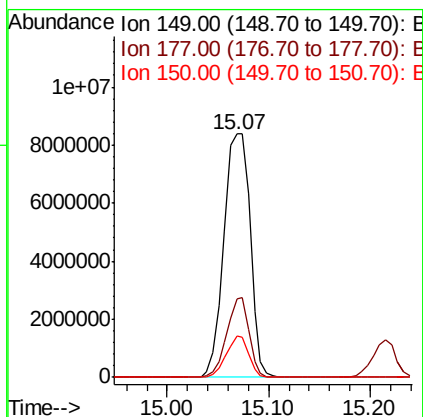
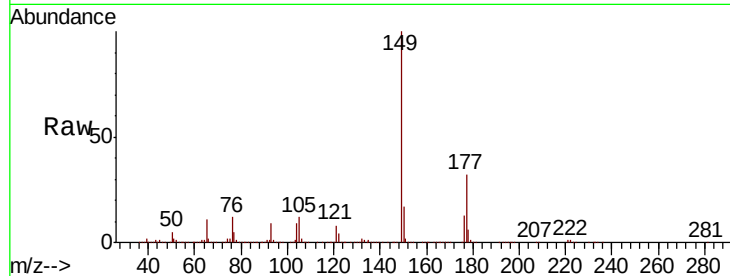




#57
Diethylphthalate
Concen: 163.054 ng/ul
RT: 15.07 min Scan# 2071
Delta R.T. 0.02 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

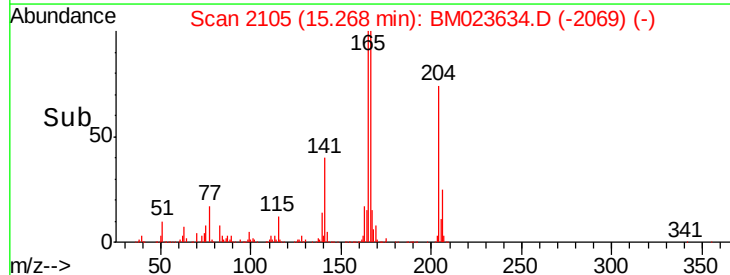
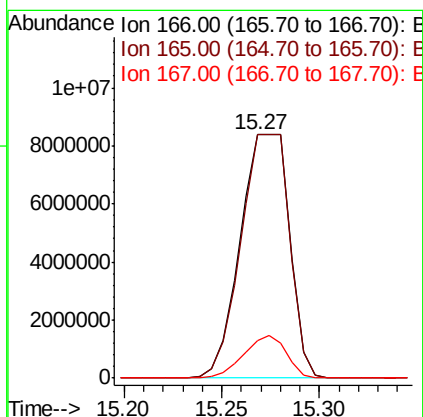
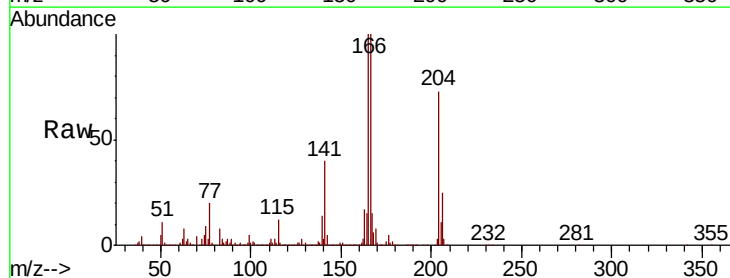
Instrument :
BNA_M
ClientSampleId :
SSTD16006

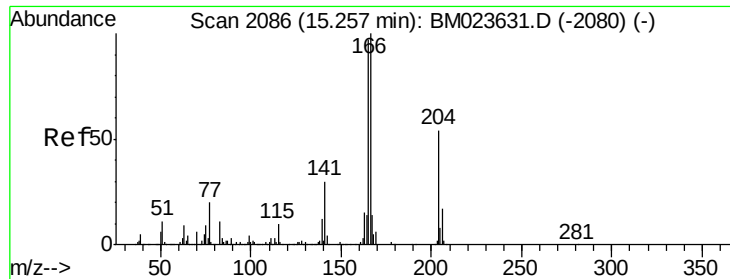
Tot Ion:149 Resp:15085124
Ion Ratio Lower Upper
149 100
177 32.2 18.9 28.3#
150 16.9 9.9 14.9#



#59
Fluorene
Concen: 141.635 ng/ul
RT: 15.27 min Scan# 2105
Delta R.T. 0.01 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion:166 Resp:14650709
Ion Ratio Lower Upper
166 100
165 100.0 77.2 115.8
167 15.4 10.9 16.3

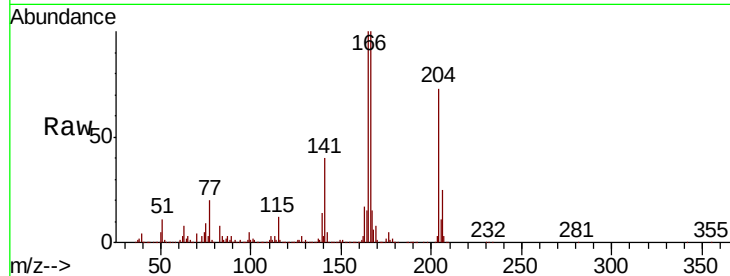




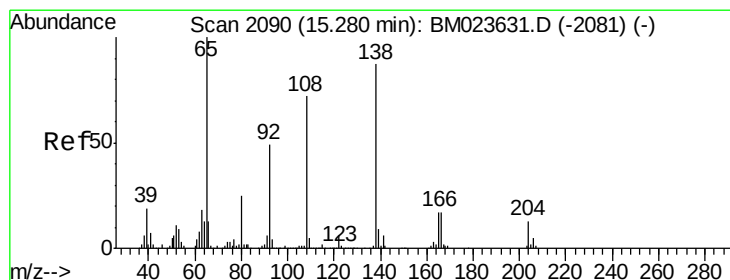
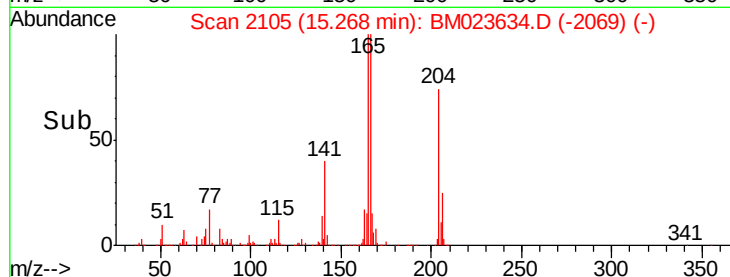
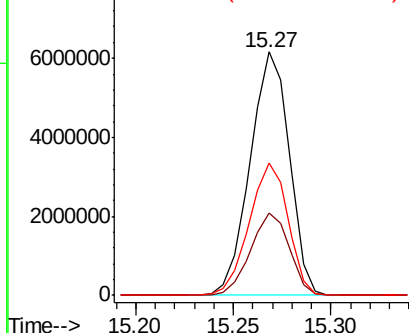
#60
 4-Chlorophenyl-phenylether
 Concen: 152.031 ng/ul
 RT: 15.27 min Scan# 2105
 Delta R.T. 0.01 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16006

Tot Ion:204 Resp: 8595616
 Ion Ratio Lower Upper
 204 100
 206 33.6 25.8 38.6
 141 54.2 44.5 66.7

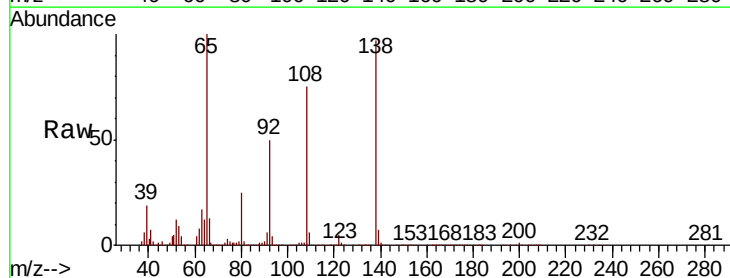


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

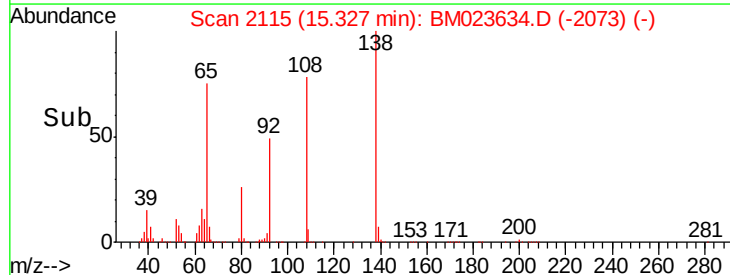
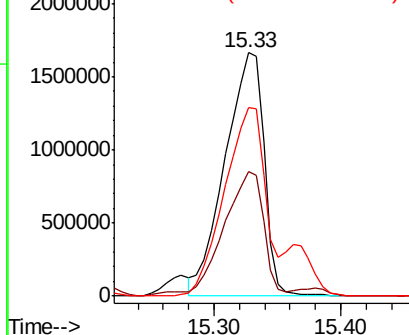


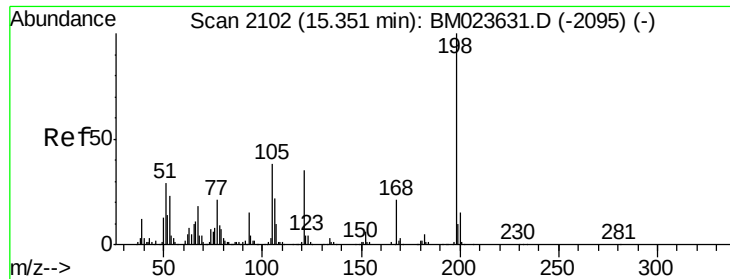
#61
 4-Nitroaniline
 Concen: 167.303 ng/ul
 RT: 15.33 min Scan# 2115
 Delta R.T. 0.05 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Tgt Ion:138 Resp: 3534060
 Ion Ratio Lower Upper
 138 100
 92 51.3 44.6 66.8
 108 77.7 66.2 99.4



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E

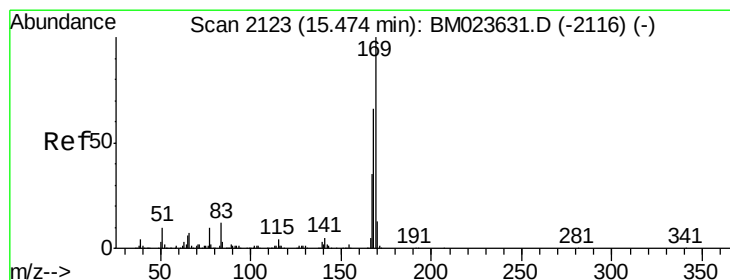
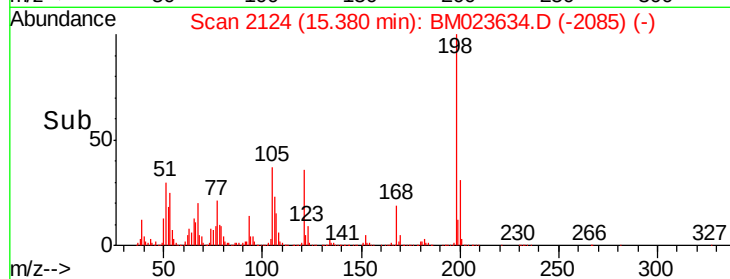
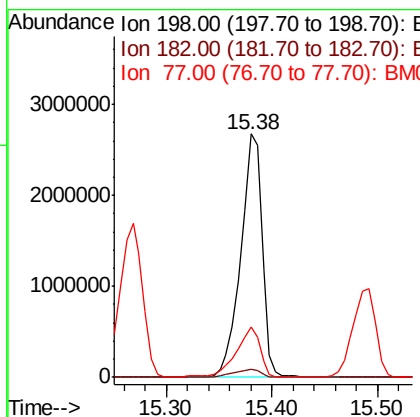
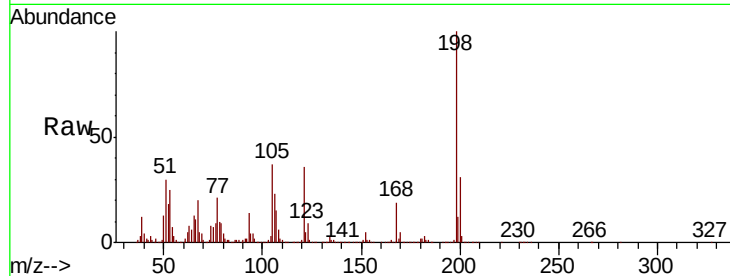




#64
 4,6-Dinitro-2-methylphenol
 Concen: 209.886 ng/ul
 RT: 15.38 min Scan# 2124
 Delta R.T. 0.03 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

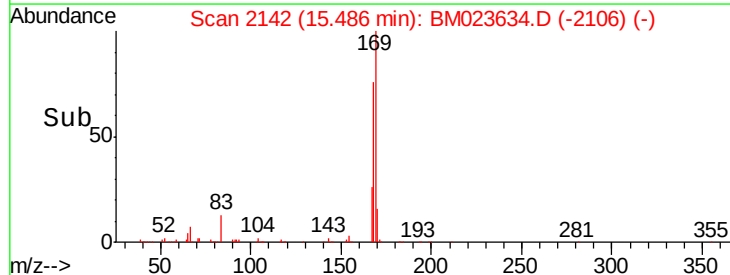
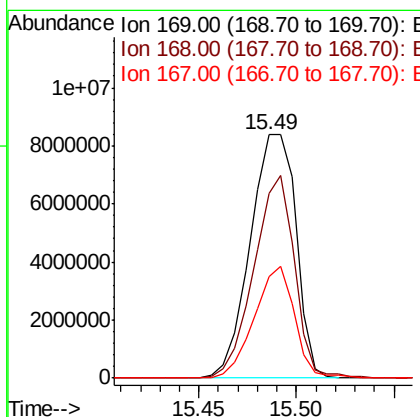
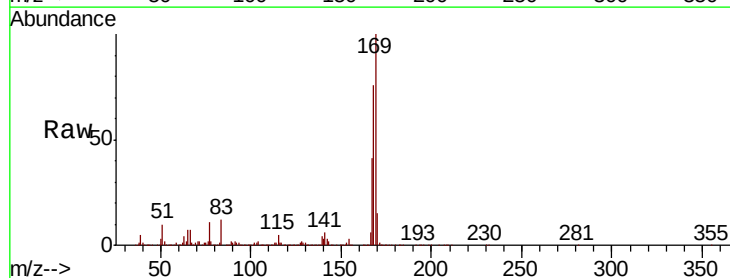
Instrument :
 BNA_M
 ClientSampleId :
 SSTD16006

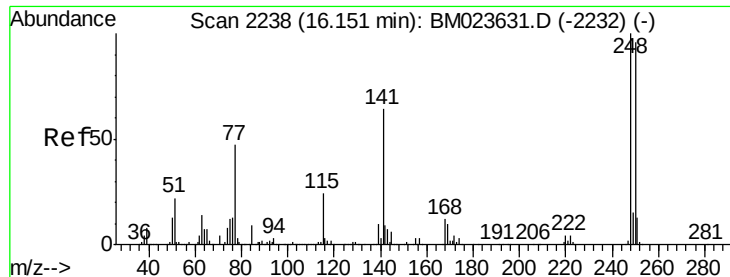
Tot Ion:198 Resp: 3740982
 Ion Ratio Lower Upper
 198 100
 182 3.2 3.6 5.4#
 77 20.6 17.1 25.7



#65
 N-Nitrosodiphenylamine
 Concen: 156.929 ng/ul
 RT: 15.49 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Tgt Ion:169 Resp:13634503
 Ion Ratio Lower Upper
 169 100
 168 75.8 53.2 79.8
 167 41.5 28.0 42.0

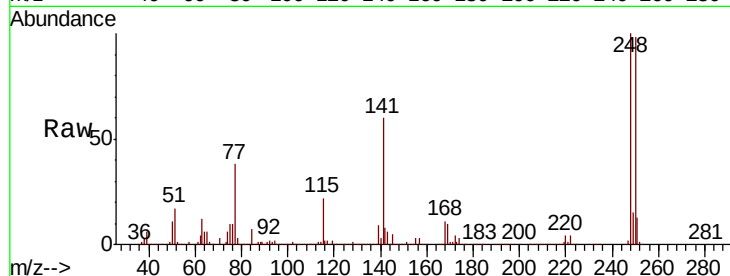




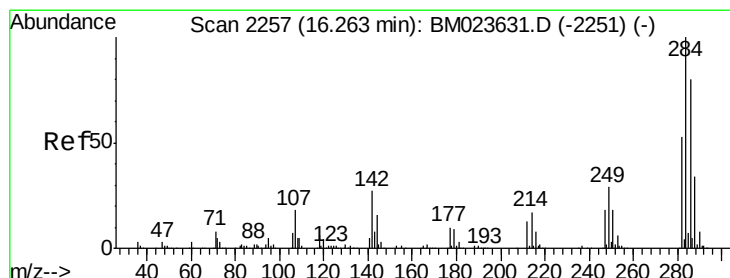
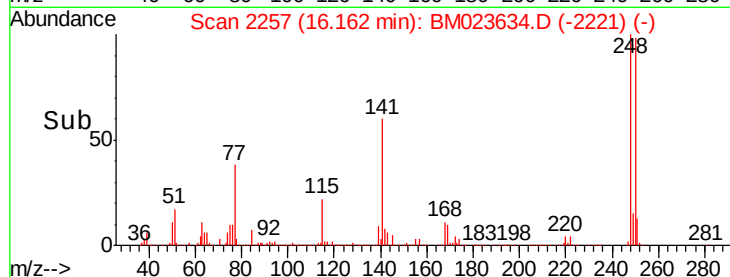
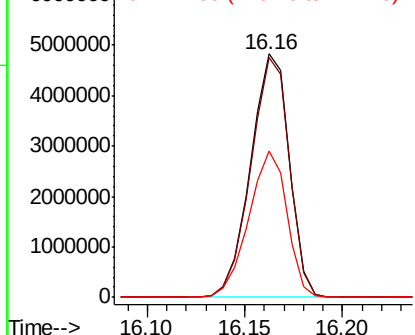
#66
4-Bromophenyl-phenylether
Concen: 186.503 ng/ul
RT: 16.16 min Scan# 2257
Delta R.T. 0.01 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Instrument :
BNA_M
ClientSampleId :
SSTD16006

Tot Ion:248 Resp: 6635948
Ion Ratio Lower Upper
248 100
250 98.4 76.6 114.8
141 60.0 51.3 76.9

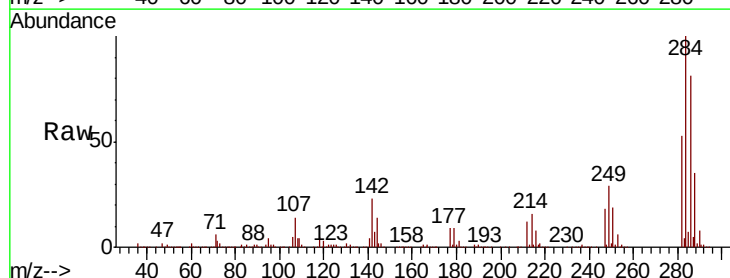


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

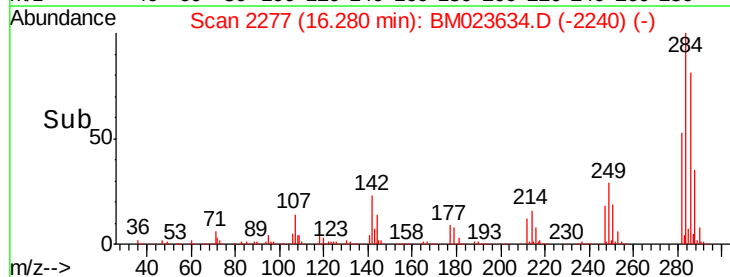
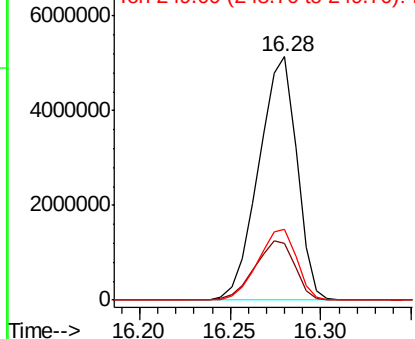


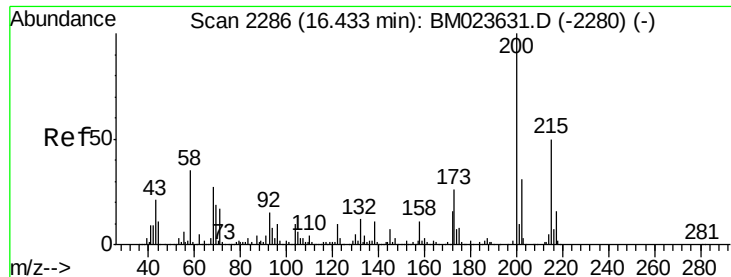
#67
Hexachlorobenzene
Concen: 171.706 ng/ul
RT: 16.28 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion:284 Resp: 7545531
Ion Ratio Lower Upper
284 100
142 23.3 21.8 32.6
249 29.1 23.1 34.7



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

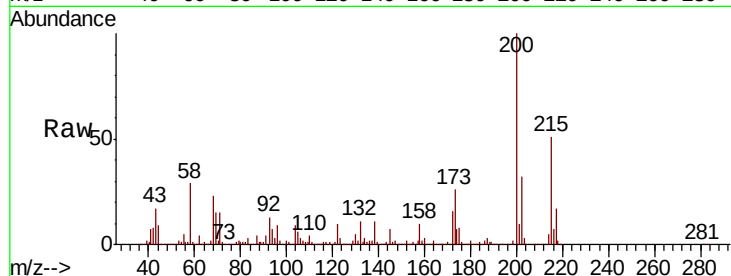




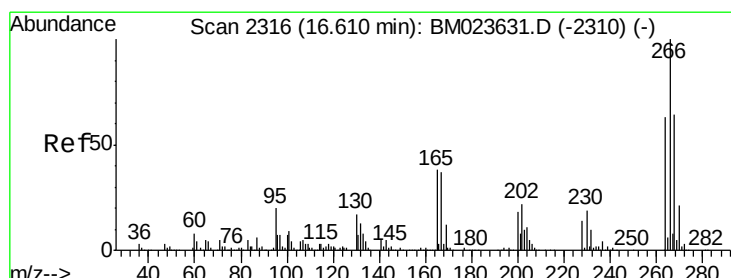
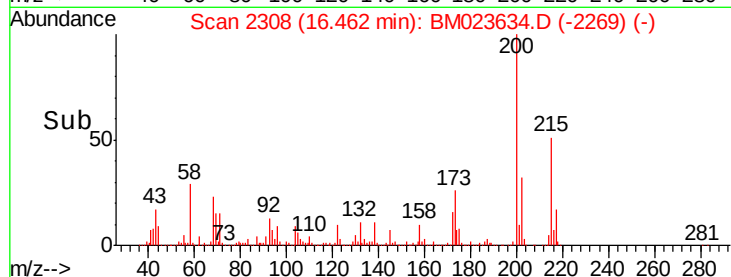
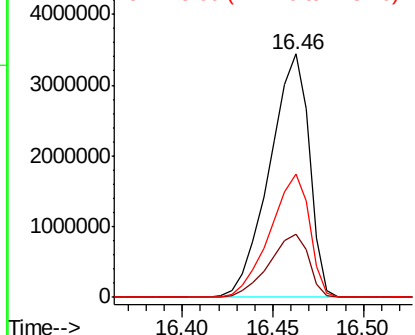
#68
 Atrazine
 Concen: 165.788 ng/ul
 RT: 16.46 min Scan# 2308
 Delta R.T. 0.03 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16006

Tot Ion:200 Resp: 5274126
 Ion Ratio Lower Upper
 200 100
 173 26.1 20.6 30.8
 215 50.6 39.7 59.5

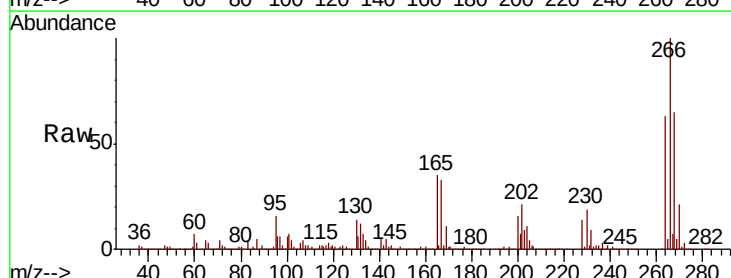


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

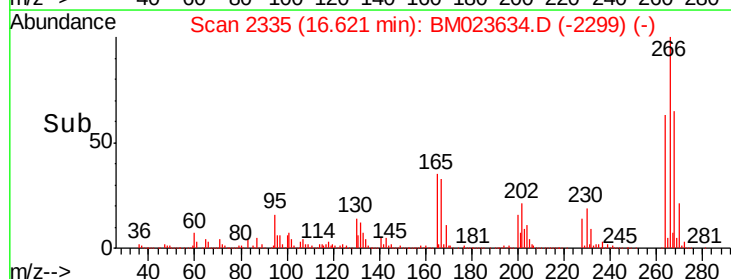
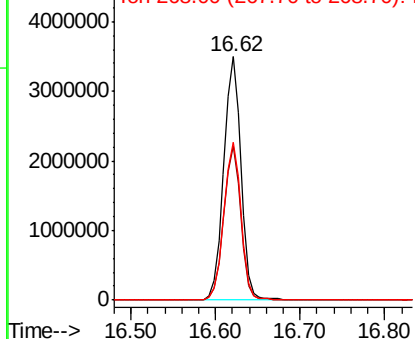


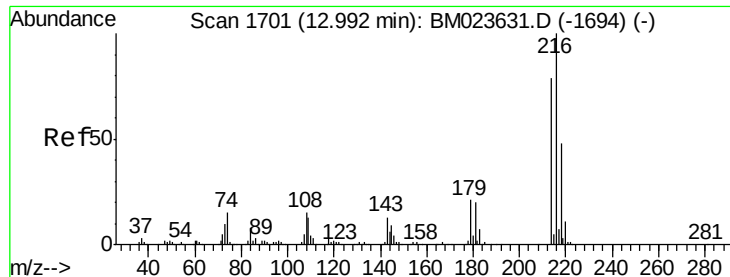
#69
 Pentachlorophenol
 Concen: 194.554 ng/ul
 RT: 16.62 min Scan# 2335
 Delta R.T. 0.01 min
 Lab File: BM023634.D
 Acq: 11 Nov 2019 12:07

Tgt Ion:266 Resp: 4951673
 Ion Ratio Lower Upper
 266 100
 264 63.1 50.6 75.8
 268 64.9 50.9 76.3



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





#73

1,2,3,4-Tetrachlorobenzene

Concen: 164.354 ng/uL

RT: 13.00 min Scan# 1720

Delta R.T. 0.01 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

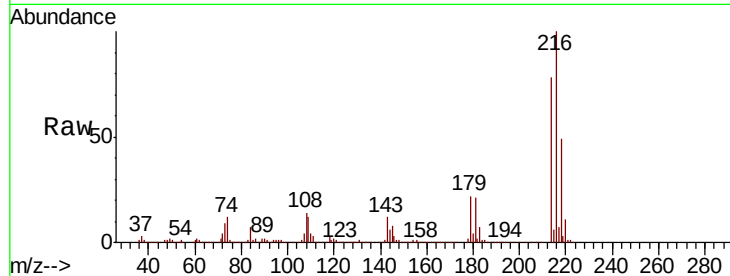
BNA_M

ClientSampled :

SSTD16006

Tot Ion:216 Resp: 7127420

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.1	94.7
218	48.7	38.6	57.8

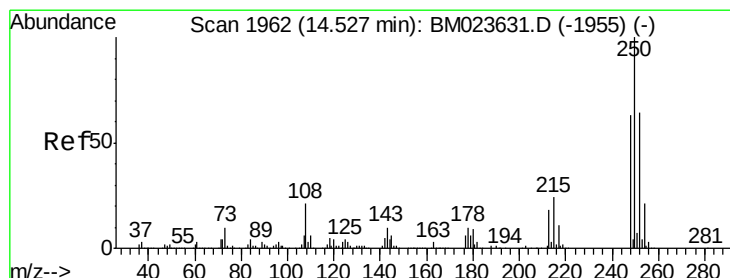
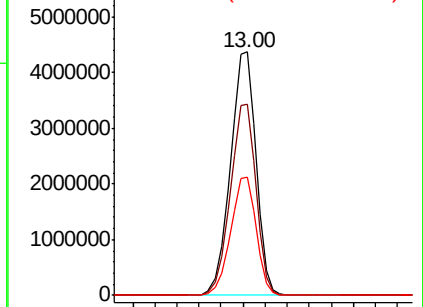
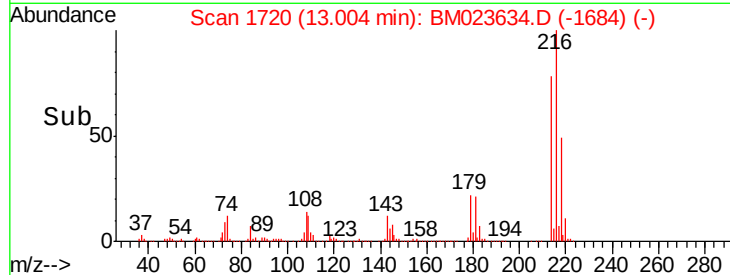


Abundance

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: 161.080 ng/uL

RT: 14.54 min Scan# 1982

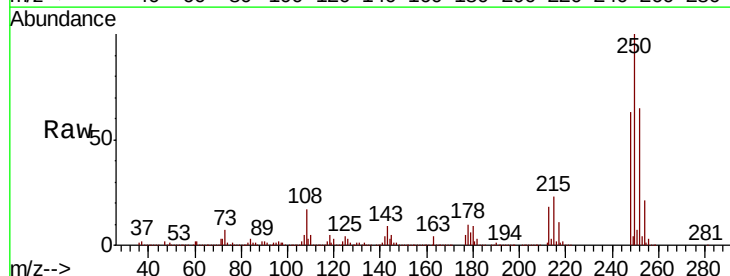
Delta R.T. 0.02 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Tgt Ion:250 Resp: 7748245

Ion	Ratio	Lower	Upper
250	100		
248	63.2	50.4	75.6
252	65.3	51.0	76.4

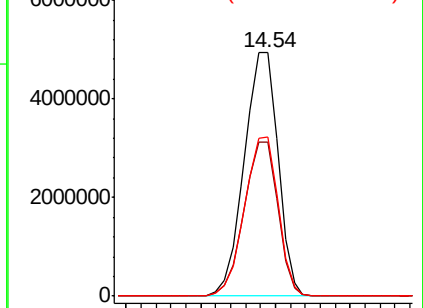
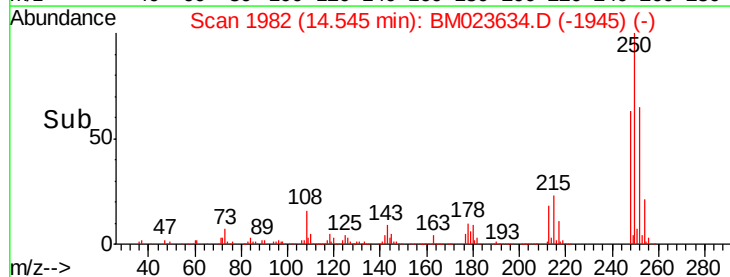


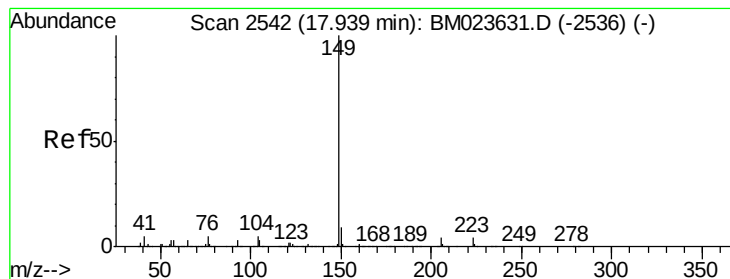
Abundance

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





#76

Di-n-butylphthalate

Concen: 0.061 ng/ul

RT: 18.06 min Scan# 2579

Delta R.T. 0.12 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

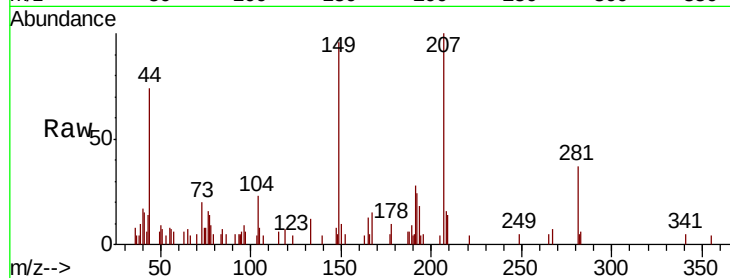
Tot Ion:149 Resp: 8026

Ion Ratio Lower Upper

149 100

150 10.1 7.1 10.7

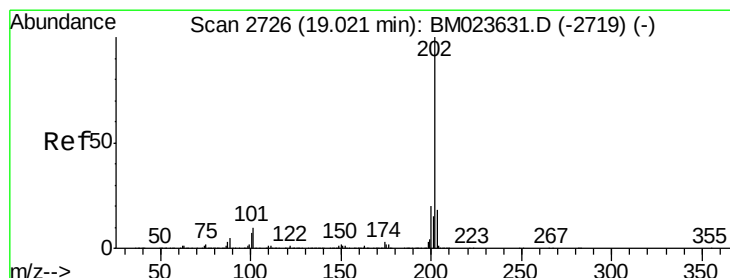
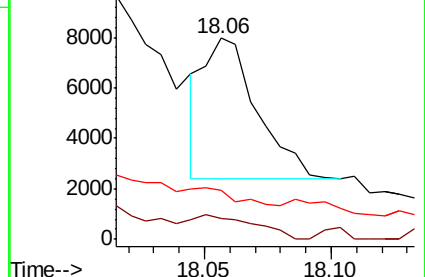
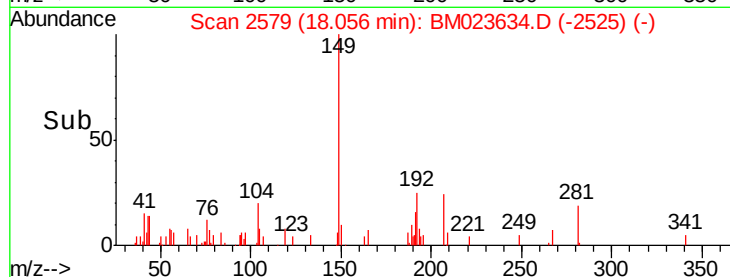
104 24.3 4.2 6.2#



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



#77

Fluoranthene

Concen: 0.186 ng/ul

RT: 18.96 min Scan# 2733

Delta R.T. -0.06 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

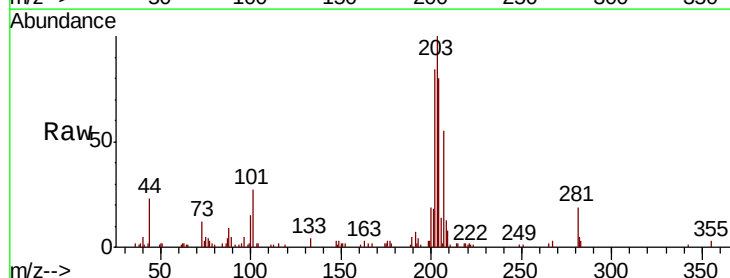
Tgt Ion:202 Resp: 33661

Ion Ratio Lower Upper

202 100

101 32.5 7.7 11.5#

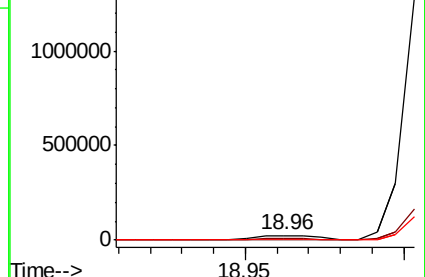
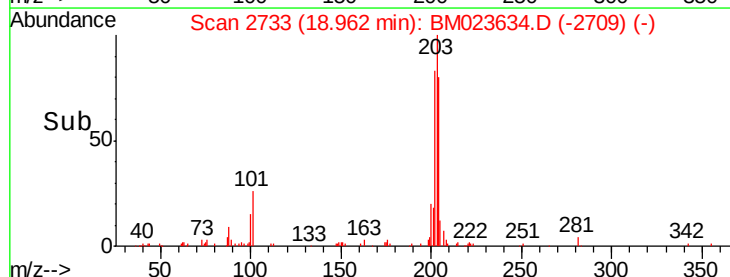
100 17.4 6.0 9.0#

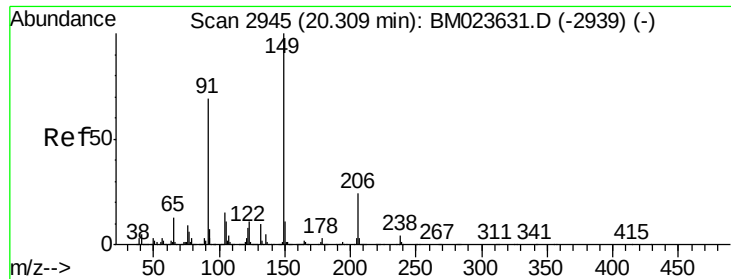


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

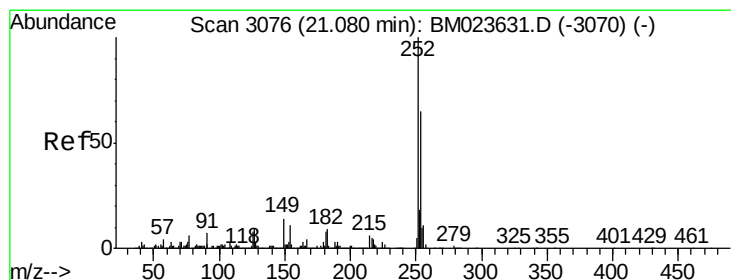
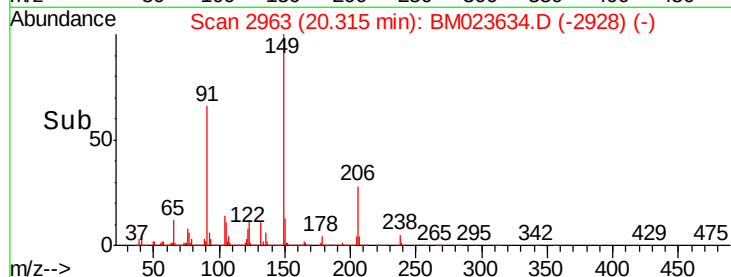
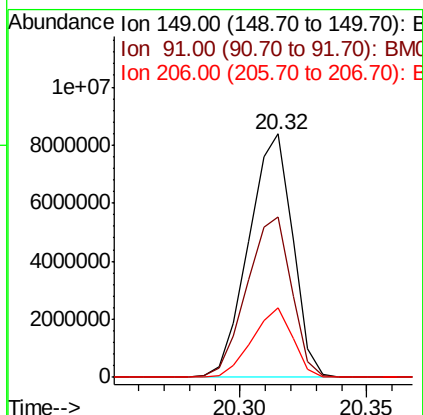
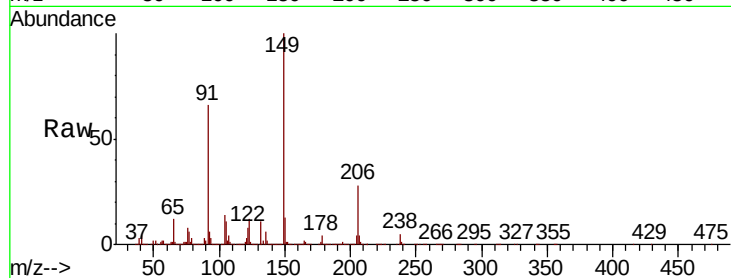




#81
Butylbenzylphthalate
Concen: 301.337 ng/ul
RT: 20.32 min Scan# 2963
Delta R.T. 0.01 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

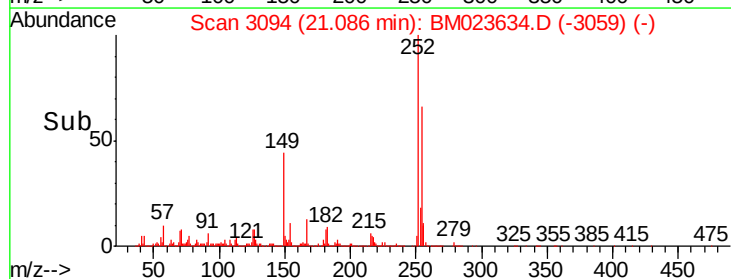
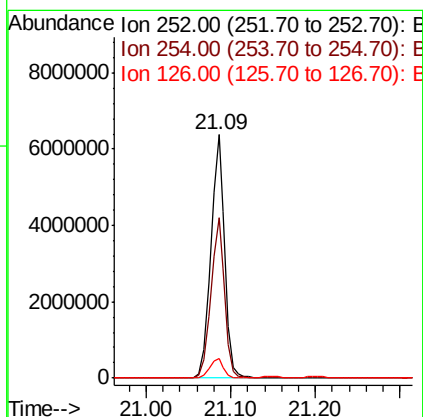
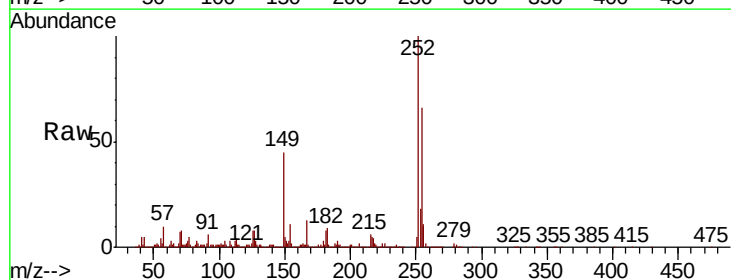
Instrument :
BNA_M
ClientSampled :
SSTD16006

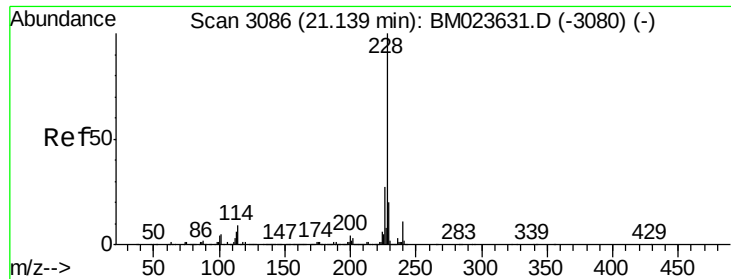
Tot Ion:149 Resp:10153571
Ion Ratio Lower Upper
149 100
91 66.0 54.9 82.3
206 28.4 19.3 28.9



#82
3,3'-Dichlorobenzidine
Concen: 168.843 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. 0.01 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion:252 Resp: 7401724
Ion Ratio Lower Upper
252 100
254 65.8 51.6 77.4
126 8.1 6.5 9.7

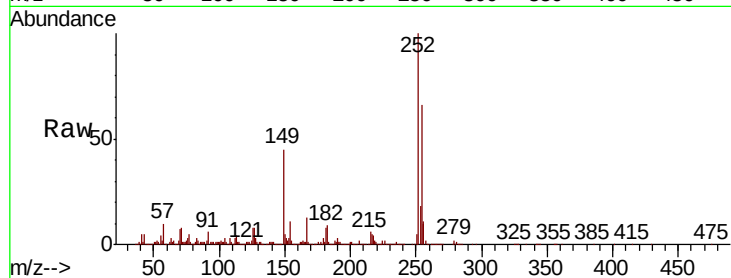




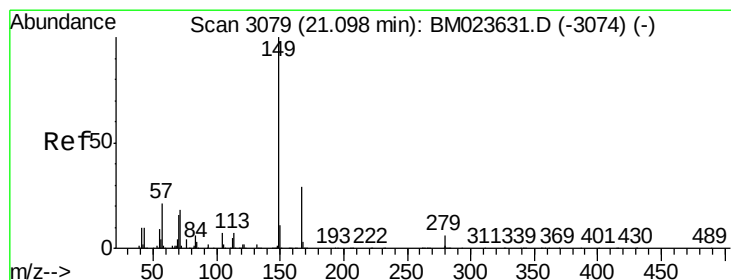
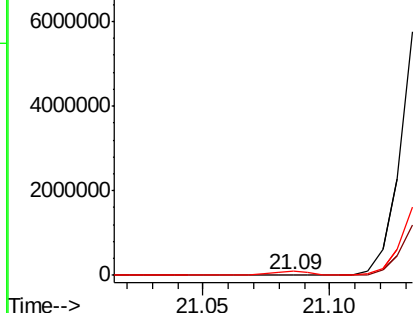
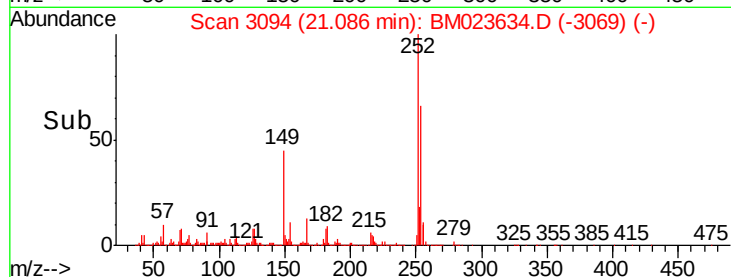
#83
Benzo(a)anthracene
Concen: 0.176 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. -0.05 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Instrument :
BNA_M
ClientSampleId :
SSTD16006

Tot Ion:228 Resp: 24694
Ion Ratio Lower Upper
228 100
229 12.4 15.6 23.4#
226 509.9 21.4 32.2#

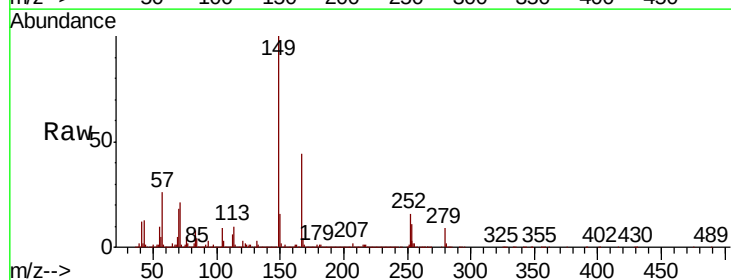


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

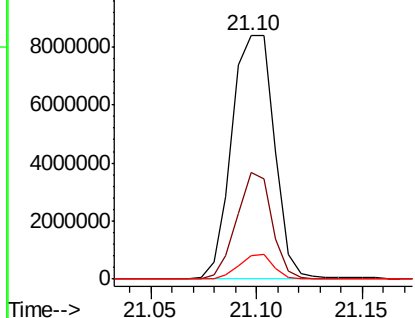
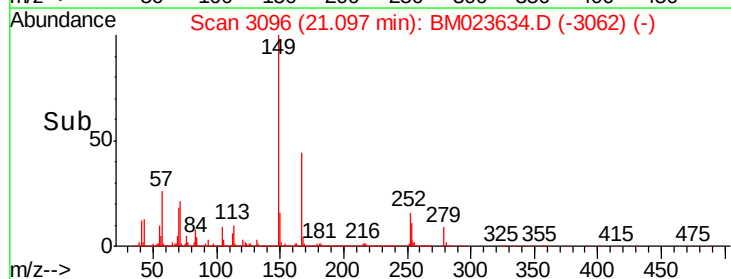


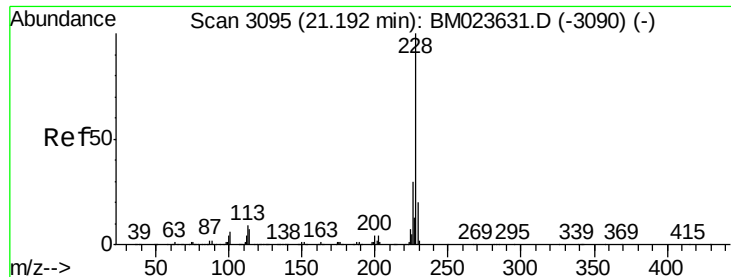
#84
Bis(2-ethylhexyl)phthalate
Concen: 221.917 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM023634.D
Acq: 11 Nov 2019 12:07

Tgt Ion:149 Resp:11732559
Ion Ratio Lower Upper
149 100
167 43.6 23.4 35.2#
279 9.5 5.0 7.4#



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: 0.162 ng/ul

RT: 21.33 min Scan# 3135

Delta R.T. 0.14 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

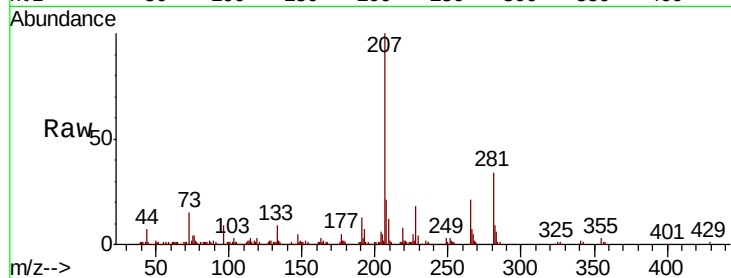
Tot Ion:228 Resp: 21593

Ion Ratio Lower Upper

228 100

226 27.0 23.8 35.8

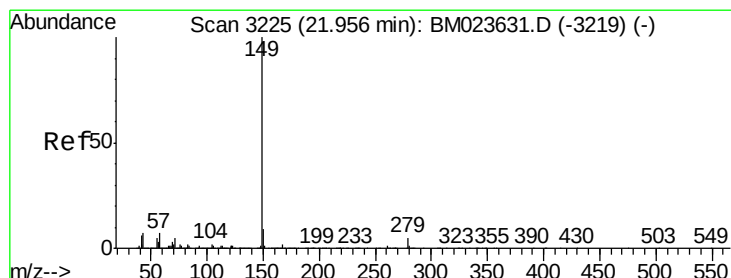
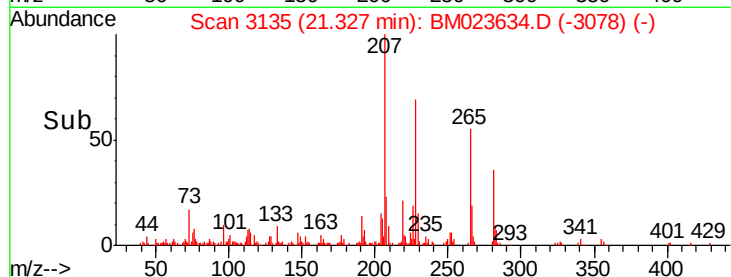
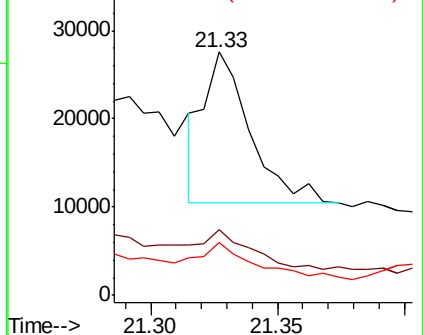
229 21.6 15.8 23.6



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: 171.511 ng/ul

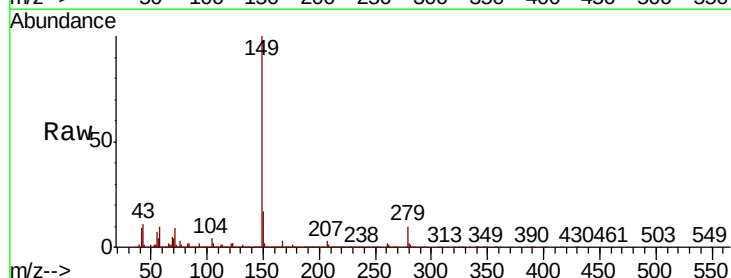
RT: 21.96 min Scan# 3242

Delta R.T. -0.00 min

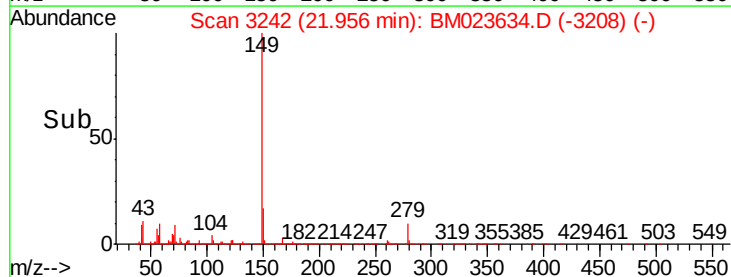
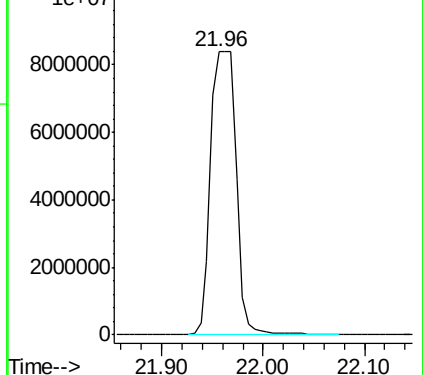
Lab File: BM023634.D

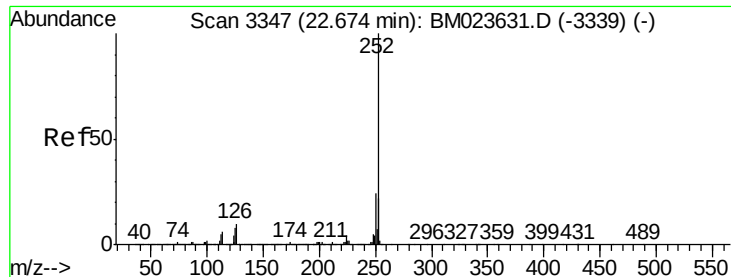
Acq: 11 Nov 2019 12:07

Tgt Ion:149 Resp:14661370



Abundance Ion 149.00 (148.70 to 149.70): E





#88

Benzo(b)fluoranthene

Concen: 13.517 ng/ul

RT: 22.73 min Scan# 3373

Delta R.T. 0.05 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampled :

SSTD16006

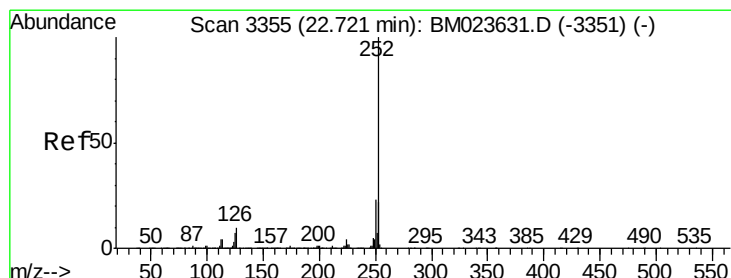
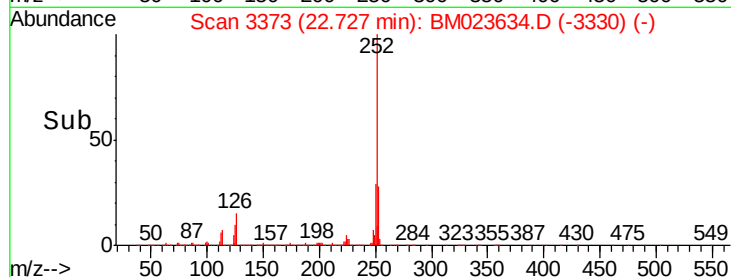
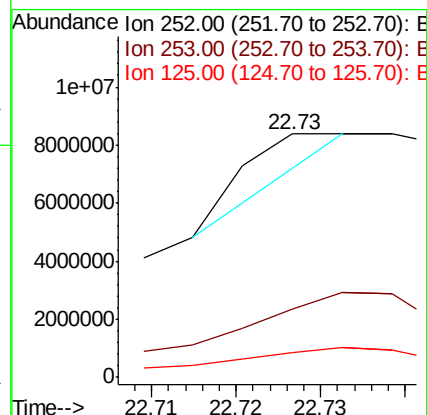
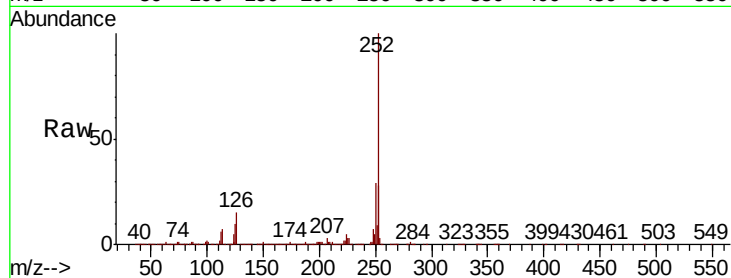
Tot Ion:252 Resp: 1744464

Ion Ratio Lower Upper

252 100

253 28.0 17.8 26.8#

125 10.4 6.5 9.7#



#89

Benzo(k)fluoranthene

Concen: 13.495 ng/ul

RT: 22.73 min Scan# 3373

Delta R.T. 0.01 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

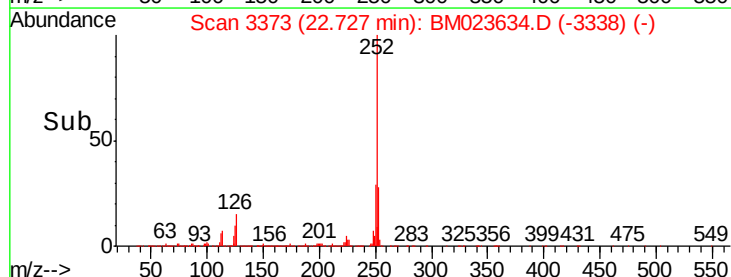
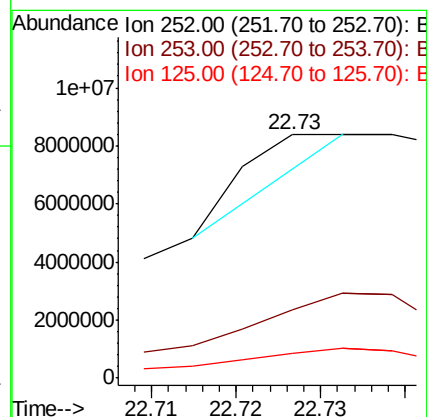
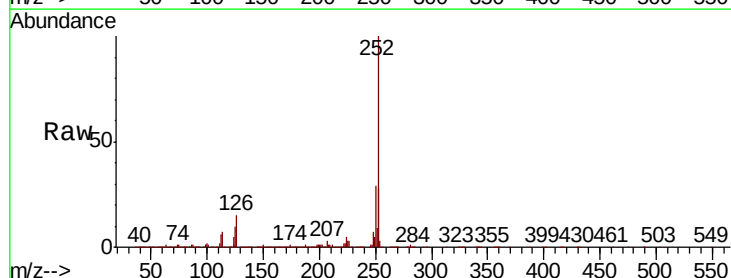
Tgt Ion:252 Resp: 1744464

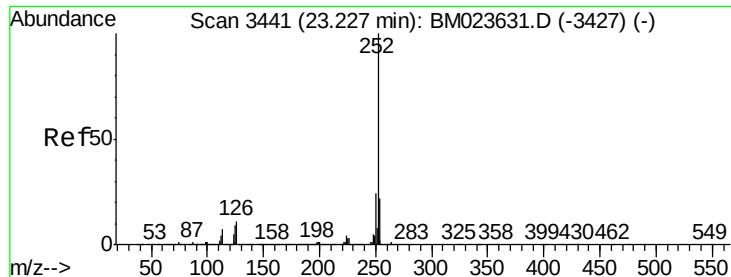
Ion Ratio Lower Upper

252 100

253 28.0 17.2 25.8#

125 10.4 5.9 8.9#





#91

Benzo(a)pyrene

Concen: 153.201 ng/ul

RT: 23.24 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

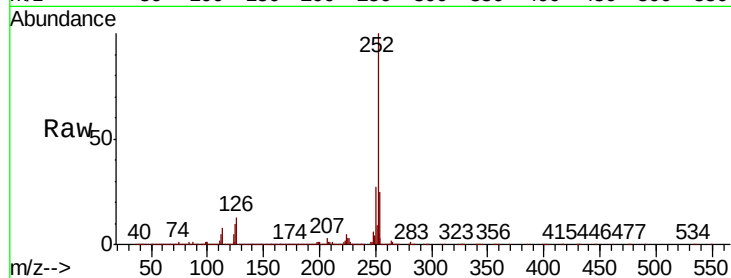
Tot Ion:252 Resp:18602831

Ion Ratio Lower Upper

252 100

253 24.9 17.3 25.9

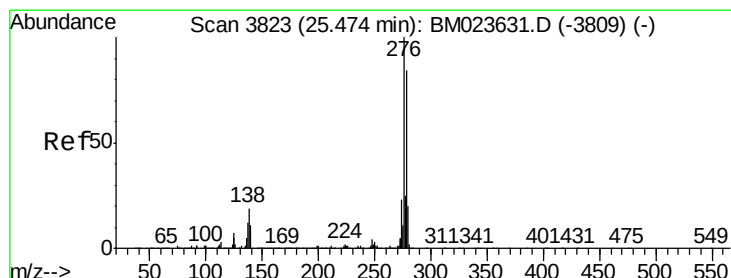
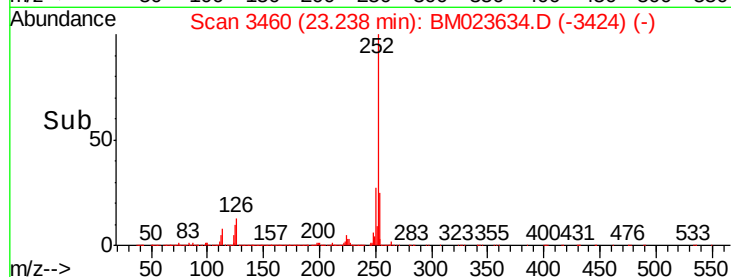
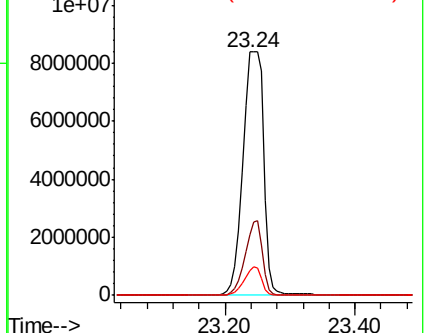
125 10.0 6.9 10.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 181.223 ng/ul

RT: 25.51 min Scan# 3846

Delta R.T. 0.04 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

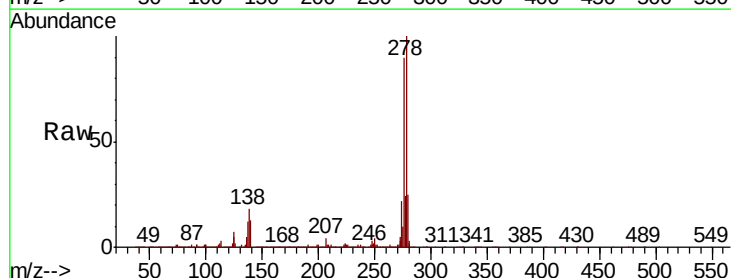
Tgt Ion:276 Resp:24802903

Ion Ratio Lower Upper

276 100

138 20.3 15.0 22.4

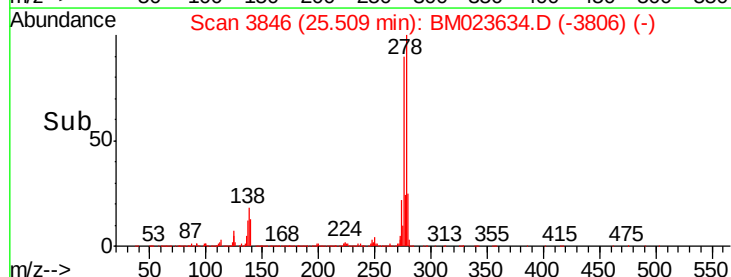
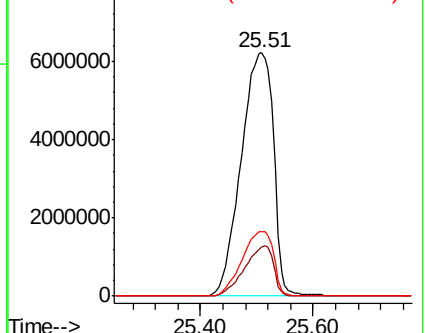
277 26.7 20.0 30.0

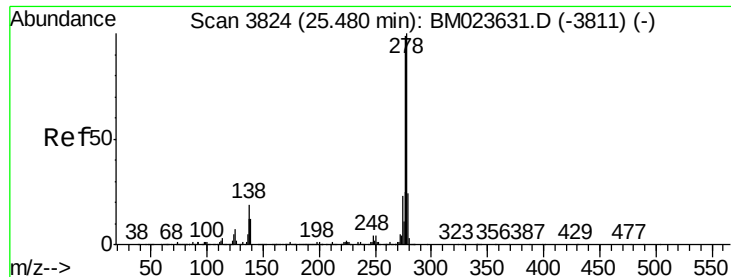


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 179.388 ng/ul

RT: 25.52 min Scan# 3848

Delta R.T. 0.04 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

Instrument :

BNA_M

ClientSampleId :

SSTD16006

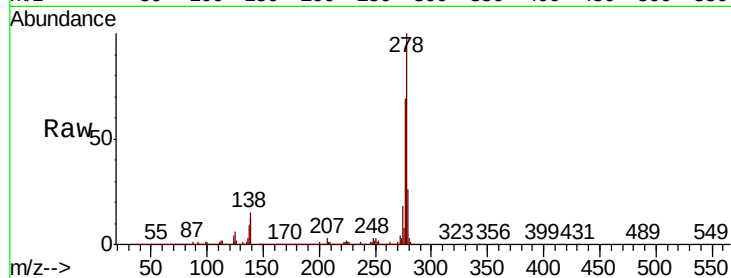
Tot Ion:278 Resp:20642423

Ion Ratio Lower Upper

278 100

139 12.3 10.0 15.0

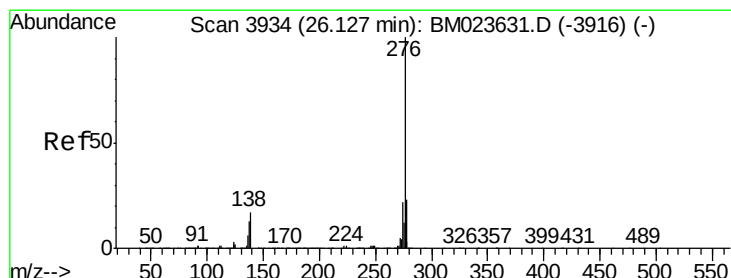
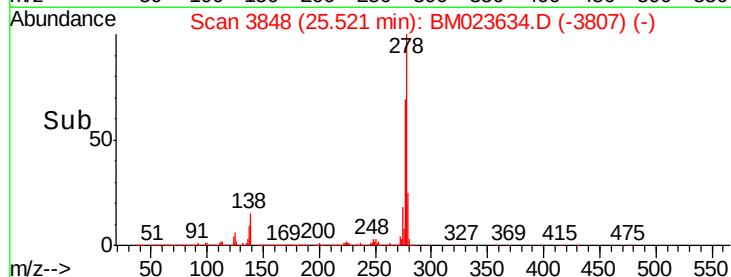
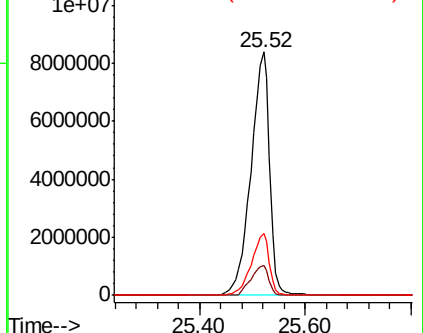
279 25.5 19.0 28.6



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



#94

Benzo(g,h,i)perylene

Concen: 189.850 ng/ul

RT: 26.17 min Scan# 3958

Delta R.T. 0.04 min

Lab File: BM023634.D

Acq: 11 Nov 2019 12:07

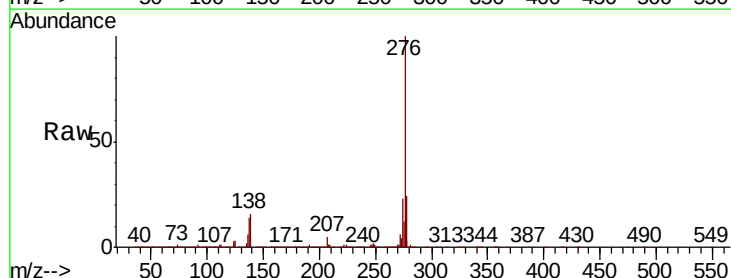
Tgt Ion:276 Resp:20840414

Ion Ratio Lower Upper

276 100

138 16.1 13.2 19.8

277 24.4 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

