

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013334.D
 Acq On : 12 Dec 2017 11:34
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02099

Quant Time: Dec 12 14:15:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 12 11:20:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	154214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	691201	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	439858	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1094068	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1169742	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	949168	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	24348	7.82	ng/uL	0.00
5) Phenol-d5	6.87	99	258483	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	147793	19.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	208242	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	214556	18.82	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	107070	19.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	118428	20.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	227380	18.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	267189	24.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	739345	18.89	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	936177	19.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	123214	18.12	ng/ul	0.00
57) Fluorene-d10	15.33	176	651650	19.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	116367	16.91	ng/ul	0.00
70) Anthracene-d10	17.18	188	1078857	19.69	ng/ul	0.00
76) Pyrene-d10	19.47	212	1214454	20.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	963876	19.94	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.27	88	27122	7.759	ng/uL# 60
4) Benzaldehyde	6.84	77	136743	20.712	ng/ul 91
6) Phenol	6.89	94	252705	19.159	ng/ul# 89
8) Bis(2-Chloroethyl)ether	7.12	93	197676	19.601	ng/ul 96
10) 2-Chlorophenol	7.26	128	201272	19.687	ng/ul 93
11) 2-Methylphenol	8.13	108	197357	19.346	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.21	45	210350	19.865	ng/ul# 78
14) Acetophenone	8.51	105	331646	19.132	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.49	70	168084	19.250	ng/ul# 68
16) 4-Methylphenol	8.46	108	208403	19.104	ng/ul 91
17) Hexachloroethane	8.75	117	89276	20.057	ng/ul# 72
20) Nitrobenzene	8.88	77	262959	19.044	ng/ul 96
21) Isophorone	9.40	82	457527	18.831	ng/ul# 91
23) 2-Nitrophenol	9.59	139	117248	19.278	ng/ul# 80
24) 2,4-Dimethylphenol	9.65	107	255253	19.243	ng/ul 93
25) Bis(2-Chloroethoxy)methane	9.89	93	271052	19.062	ng/ul 95
27) 2,4-Dichlorophenol	10.12	162	220338	19.732	ng/ul# 91
28) Naphthalene	10.52	128	687478	19.332	ng/ul 99
30) 4-Chloroaniline	10.63	127	264959	24.631	ng/ul 90
31) Hexachlorobutadiene	10.80	225	153515	18.979	ng/ul 95
32) Caprolactam	11.40	113	56977	15.965	ng/ul# 43
33) 4-Chloro-3-methylphenol	11.76	107	244720	19.978	ng/ul 96
34) 2-Methylnaphthalene	12.13	142	514768	19.256	ng/ul 93

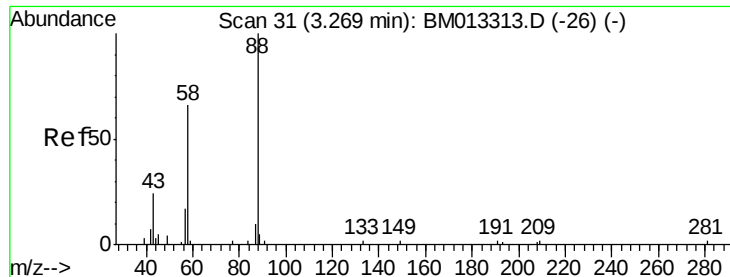
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	306759	19.327	ng/ul	98
37) Hexachlorocyclopentadiene	12.48	237	181345	17.359	ng/ul	97
38) 2,4,6-Trichlorophenol	12.76	196	198649	20.076	ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	213848	20.346	ng/ul	98
40) 1,1'-Biphenyl	13.16	154	706407	19.002	ng/ul	99
41) 2-Chloronaphthalene	13.20	162	558825	19.161	ng/ul	99
42) 2-Nitroaniline	13.41	65	170261	19.926	ng/ul	91
44) Dimethylphthalate	13.79	163	717264	19.159	ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	150383	19.696	ng/ul	97
47) Acenaphthylene	14.05	152	874211	19.557	ng/ul	98
48) 3-Nitroaniline	14.25	138	146751	21.503	ng/ul#	83
49) Acenaphthene	14.39	153	586628	19.265	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	64525	15.271	ng/ul	91
52) 4-Nitrophenol	14.56	109	123225	18.470	ng/ul	86
53) Dibenzofuran	14.73	168	860030	19.132	ng/ul	98
54) 2,4-Dinitrotoluene	14.70	165	223490	20.122	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.96	232	198745	20.623	ng/ul	93
56) Diethylphthalate	15.16	149	727128	19.365	ng/ul	95
58) Fluorene	15.38	166	723954	19.468	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.38	204	384536	19.052	ng/ul	98
60) 4-Nitroaniline	15.41	138	169548	21.056	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.47	198	118489	17.228	ng/ul#	93
64) N-Nitrosodiphenylamine	15.60	169	613704	19.042	ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	251719	19.572	ng/ul	98
66) Hexachlorobenzene	16.39	284	266247	18.772	ng/ul#	93
67) Atrazine	16.55	200	238778	20.073	ng/ul#	88
68) Pentachlorophenol	16.73	266	153660	18.732	ng/ul	97
69) Phenanthrene	17.12	178	1199794	19.303	ng/ul	99
71) Anthracene	17.21	178	1213857	19.106	ng/ul	99
72) Carbazole	17.49	167	1055448	19.314	ng/ul	99
73) Di-n-butylphthalate	18.05	149	1279359	20.054	ng/ul	99
74) Fluoranthene	19.14	202	1459533	19.161	ng/ul#	91
77) Pyrene	19.50	202	1501471	21.128	ng/ul#	92
78) Butylbenzylphthalate	20.42	149	603849	21.747	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.19	252	443360	18.030	ng/ul	95
80) Benzo(a)anthracene	21.25	228	1463312	19.717	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.19	149	878050	20.980	ng/ul	98
82) Chrysene	21.30	228	1336860	19.416	ng/ul	99
84) Di-n-octyl phthalate	22.07	149	1406327	20.836	ng/ul	99
85) Benzo(b)fluoranthene	22.83	252	1297213	20.274	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	1185517	19.688	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	1131530	19.686	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.73	276	1158446	20.313	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.74	278	978998	20.160	ng/ul#	97
91) Benzo(g,h,i)perylene	26.41	276	927934	20.628	ng/ul#	95

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



#2

1,4-Dioxane

Concen: 7.759 ng/uL

RT: 3.27 min Scan# 31

Delta R.T. 0.01 min

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Instrument :

BNA_M

ClientSampleId :

SSTD02099

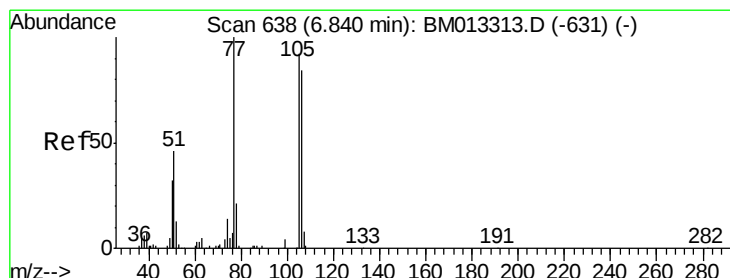
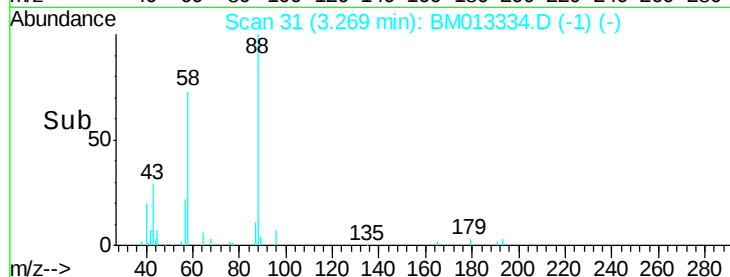
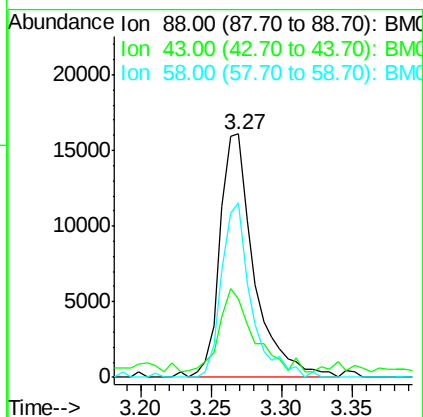
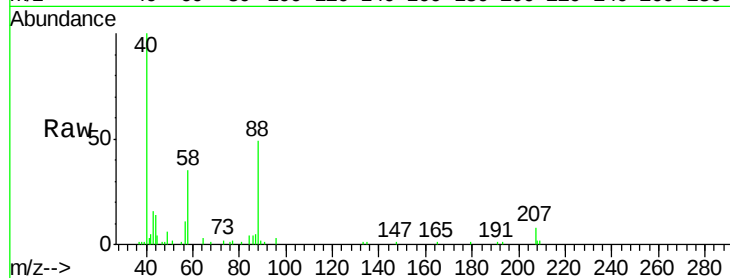
Tot Ion: 88 Resp: 27122

Ion Ratio Lower Upper

88 100

43 33.3 48.0 72.0#

58 57.8 80.0 120.0#



#4

Benzaldehyde

Concen: 20.712 ng/uL

RT: 6.84 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

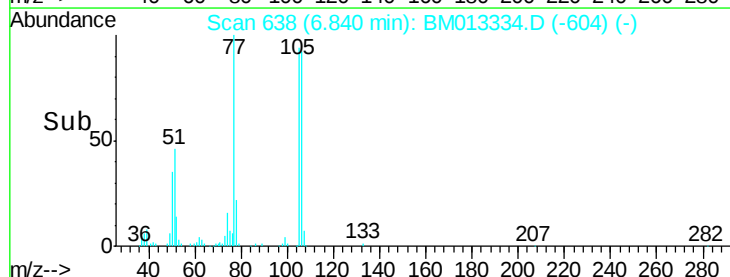
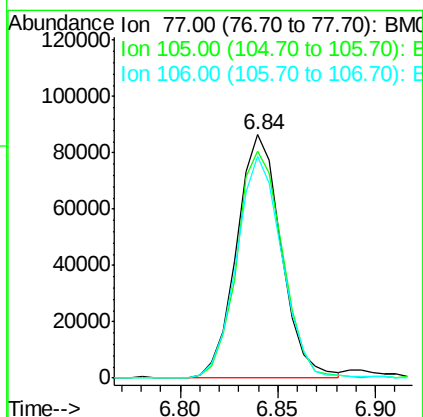
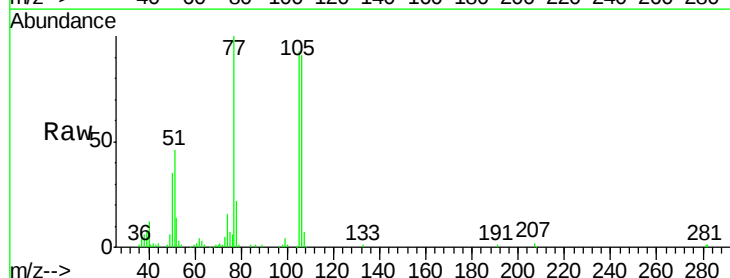
Tgt Ion: 77 Resp: 136743

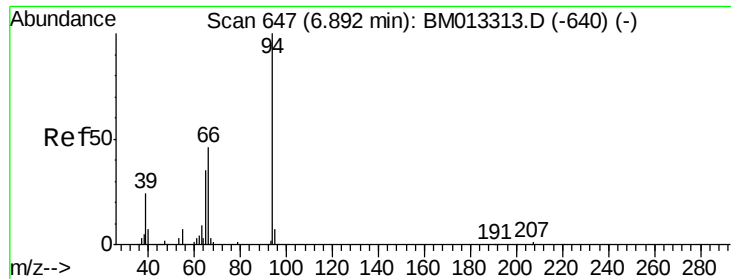
Ion Ratio Lower Upper

77 100

105 93.1 66.1 99.1

106 91.3 67.8 101.6





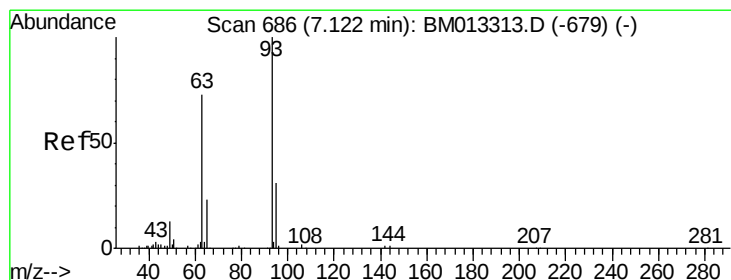
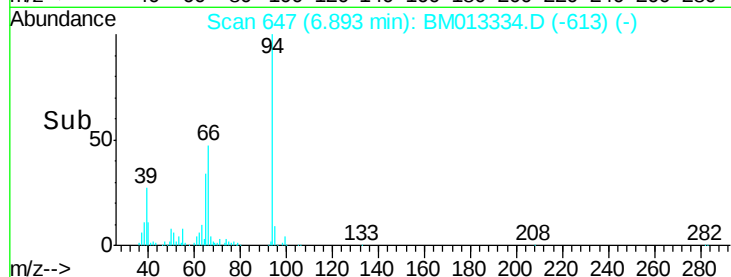
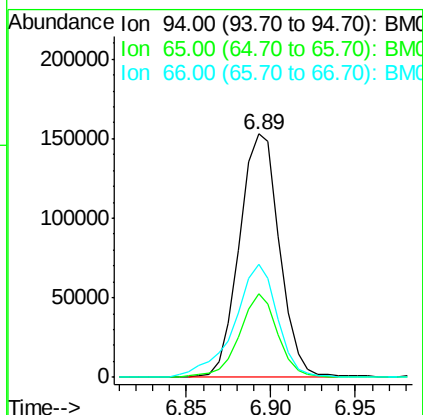
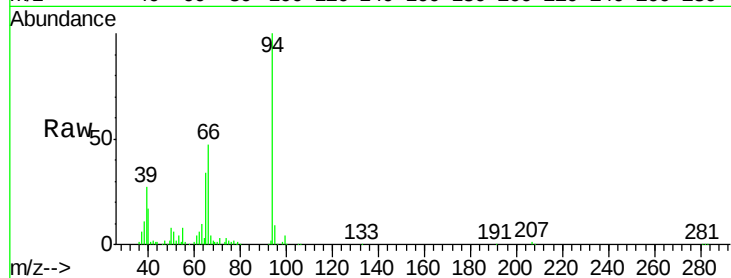
#6

Phenol

Concen: 19.159 ng/ul
 RT: 6.89 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BM013334.D
 Acq: 12 Dec 2017 11:34

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02099

Tot Ion: 94 Resp: 252705
 Ion Ratio Lower Upper
 94 100
 65 34.2 28.2 42.4
 66 46.5 47.2 70.8#

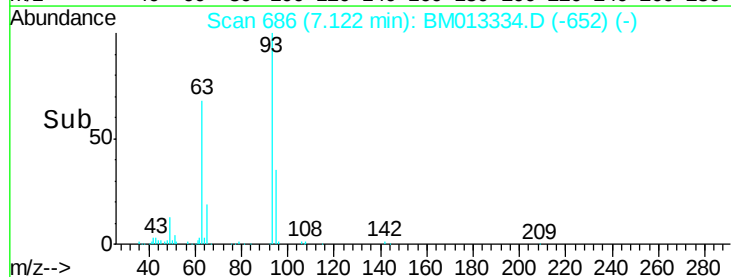
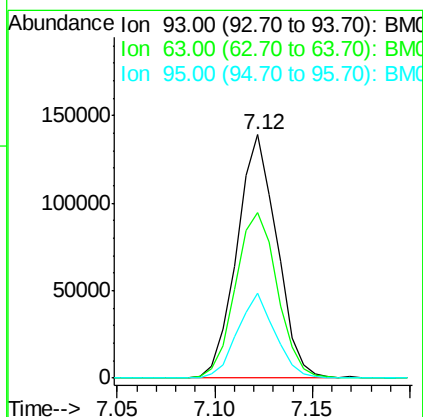
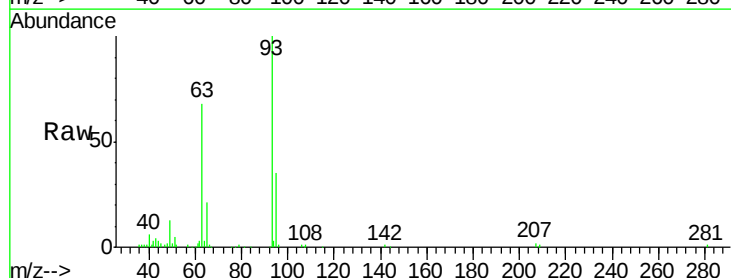


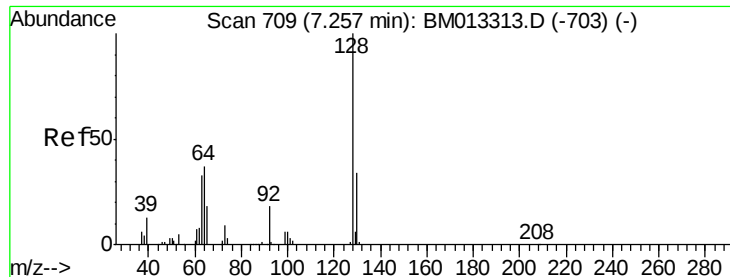
#8

Bis(2-Chloroethyl)ether

Concen: 19.601 ng/ul
 RT: 7.12 min Scan# 686
 Delta R.T. -0.00 min
 Lab File: BM013334.D
 Acq: 12 Dec 2017 11:34

Tgt Ion: 93 Resp: 197676
 Ion Ratio Lower Upper
 93 100
 63 68.2 57.3 85.9
 95 35.0 26.6 39.8

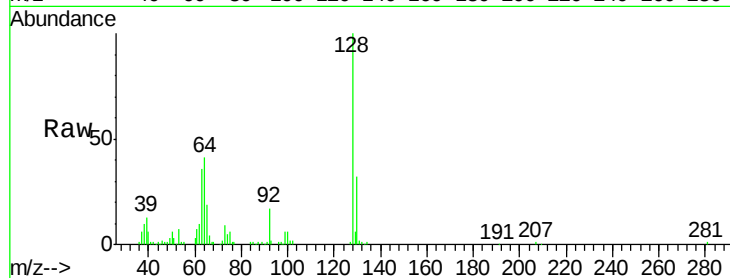




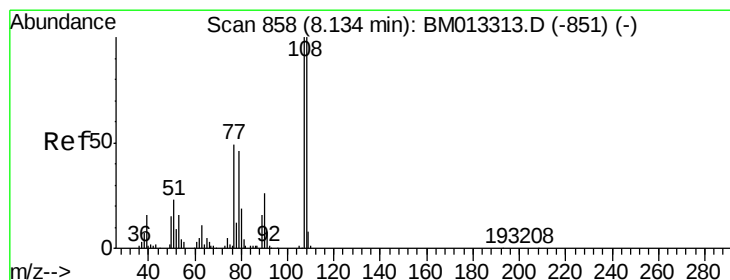
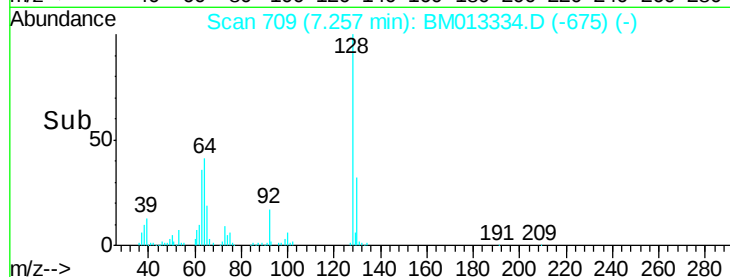
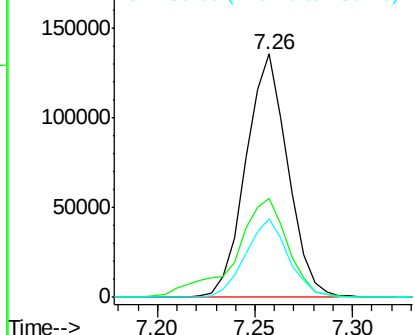
#10
2-Chlorophenol
Concen: 19.687 ng/ul
RT: 7.26 min Scan# 709
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Instrument :
BNA_M
ClientSampleId :
SSTD02099

Tot Ion	Ratio	Lower	Upper
128	100		
64	40.7	38.0	57.0
130	32.2	24.4	36.6

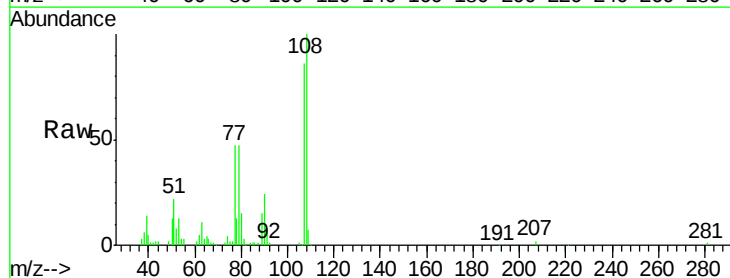


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

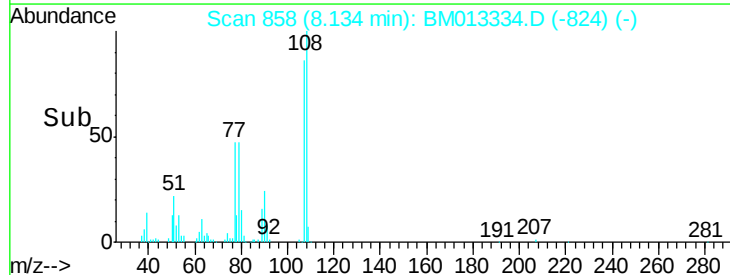
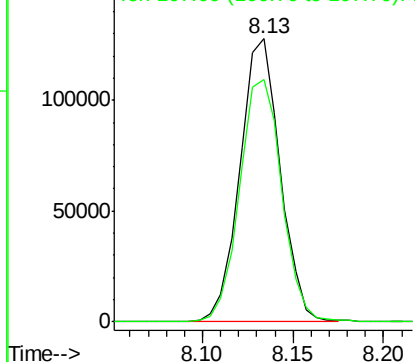


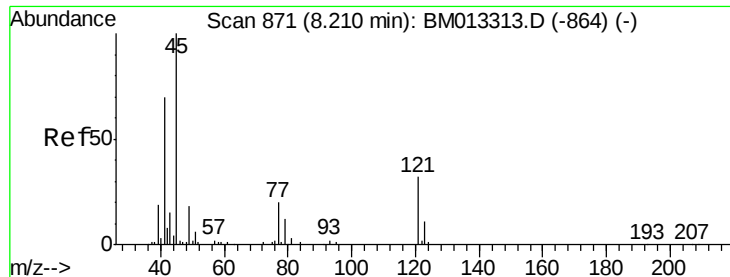
#11
2-Methylphenol
Concen: 19.346 ng/ul
RT: 8.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Tgt Ion	Ratio	Lower	Upper
108	100		
107	85.7	72.6	108.8



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

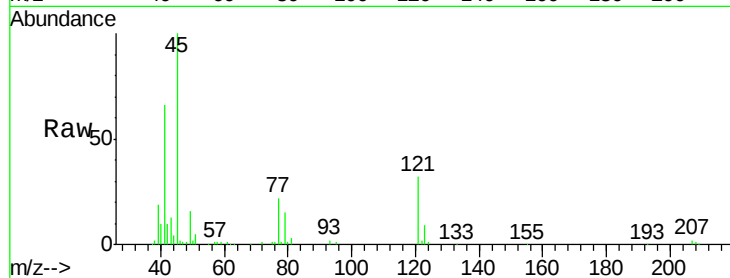




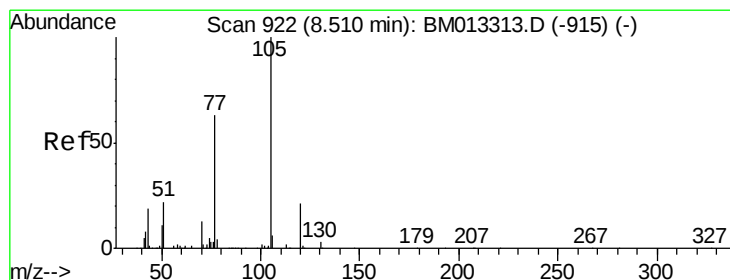
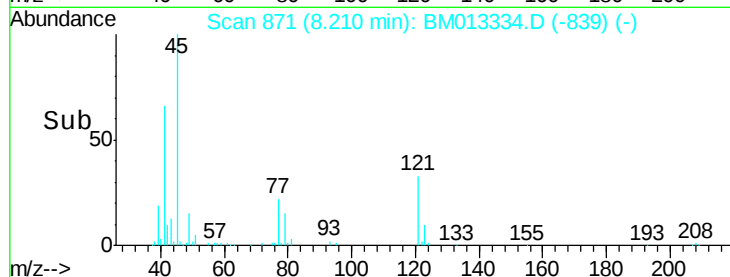
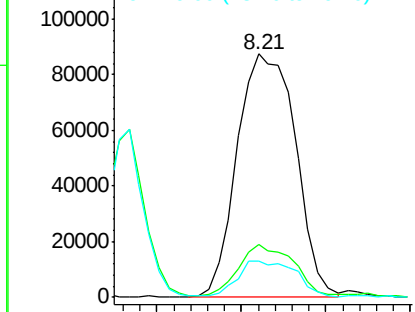
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.865 ng/ul
RT: 8.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Instrument :
BNA_M
ClientSampleId :
SSTD02099

Tot Ion: 45 Resp: 210350
Ion Ratio Lower Upper
45 100
77 21.5 8.0 12.0#
79 14.6 8.0 12.0#

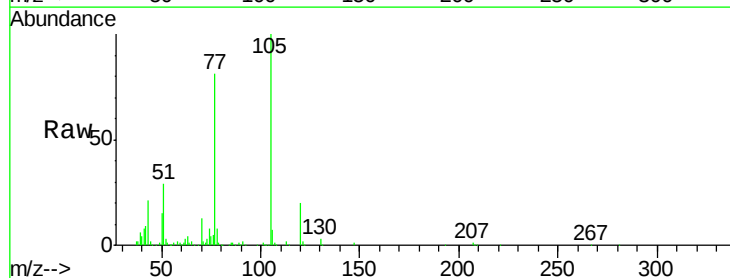


Abundance Ion 45.00 (44.70 to 45.70): BM0
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

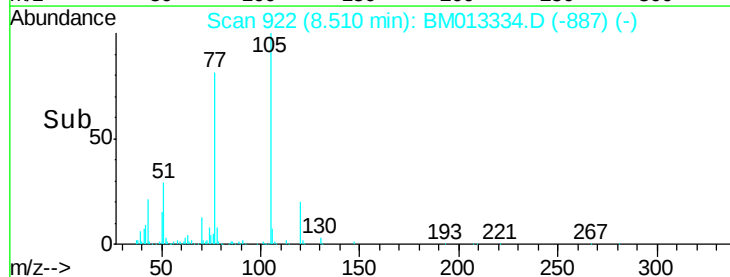
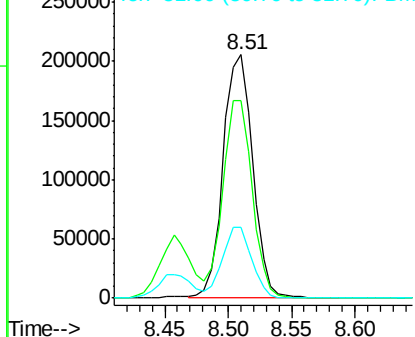


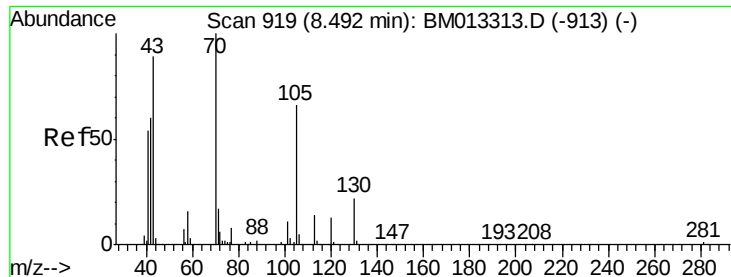
#14
Acetophenone
Concen: 19.132 ng/ul
RT: 8.51 min Scan# 922
Delta R.T. 0.01 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Tgt Ion:105 Resp: 331646
Ion Ratio Lower Upper
105 100
77 81.2 74.2 111.4
51 28.9 23.4 35.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 19.250 ng/ul

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

Tot Ion: 70 Resp: 168084

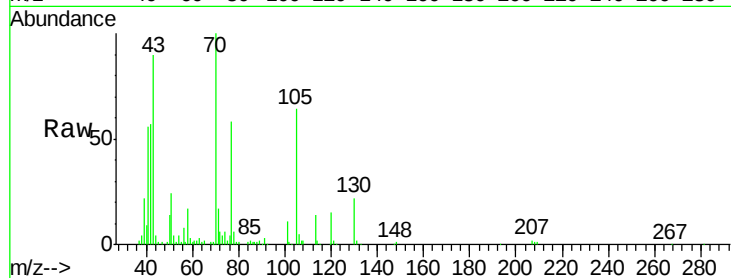
Ion Ratio Lower Upper

70 100

42 57.1 76.0 114.0#

101 11.3 6.7 10.1#

130 21.5 14.6 22.0



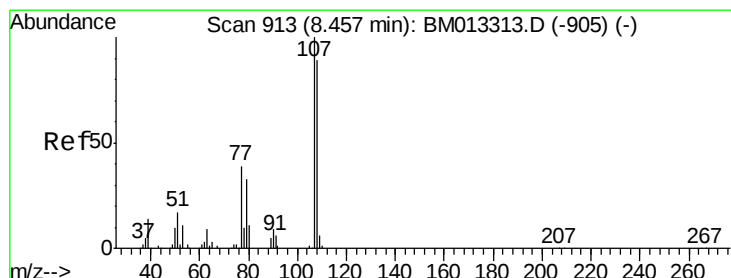
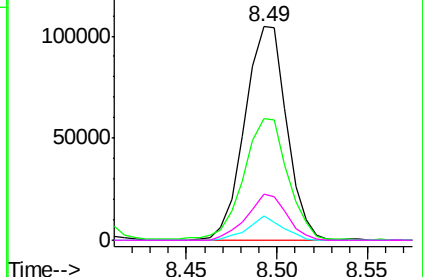
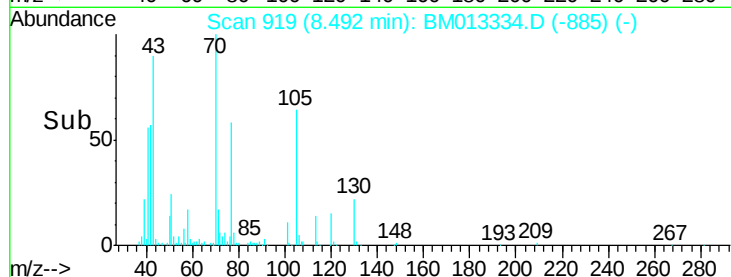
Abundance Ion 70.00 (69.70 to 70.70): BM013334.D (-885) (-)

Ion 42.00 (41.70 to 42.70): BM013334.D (-885) (-)

Ion 101.00 (100.70 to 101.70): BM013334.D (-885) (-)

Ion 130.00 (129.70 to 130.70): BM013334.D (-885) (-)

Time-->



#16

4-Methylphenol

Concen: 19.104 ng/ul

RT: 8.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BM013334.D

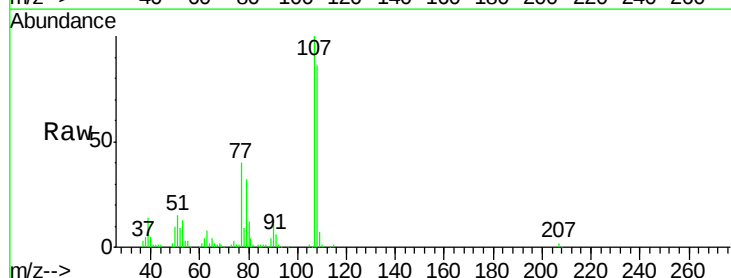
Acq: 12 Dec 2017 11:34

Tgt Ion: 108 Resp: 208403

Ion Ratio Lower Upper

108 100

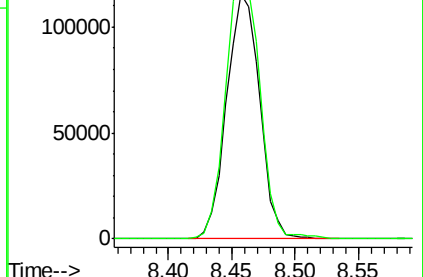
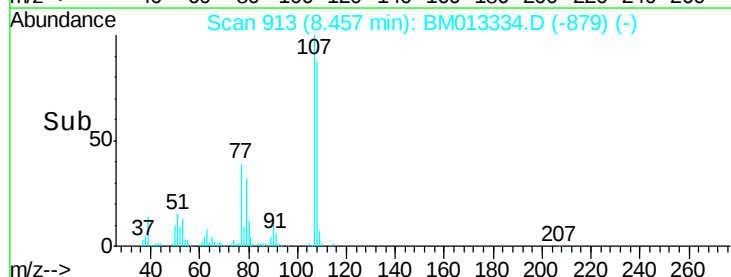
107 115.8 84.9 127.3

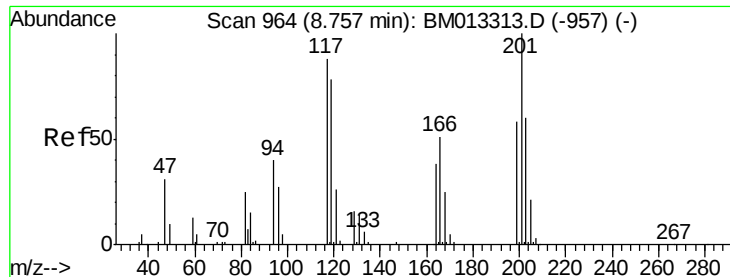


Abundance Ion 108.00 (107.70 to 108.70): BM013334.D (-879) (-)

Ion 107.00 (106.70 to 107.70): BM013334.D (-879) (-)

Time-->





#17

Hexachloroethane

Concen: 20.057 ng/ul

RT: 8.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

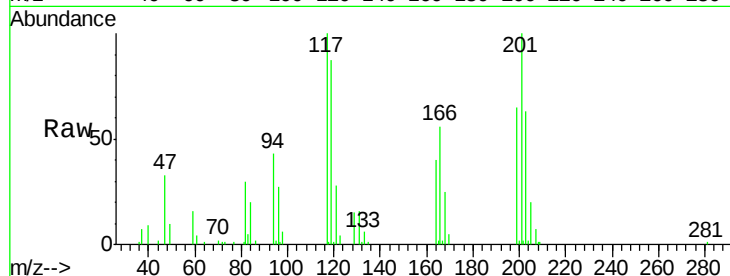
Tot Ion:117 Resp: 89276

Ion Ratio Lower Upper

117 100

201 100.5 111.6 167.4#

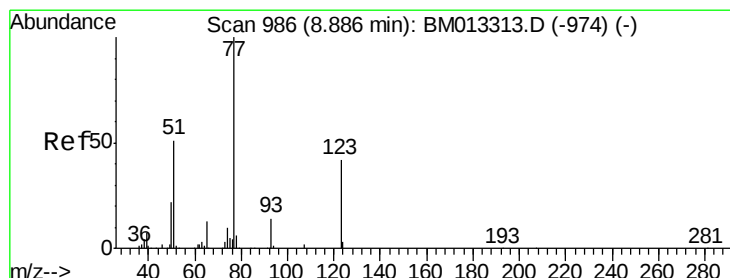
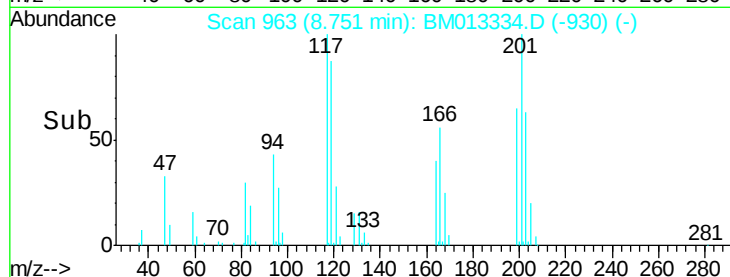
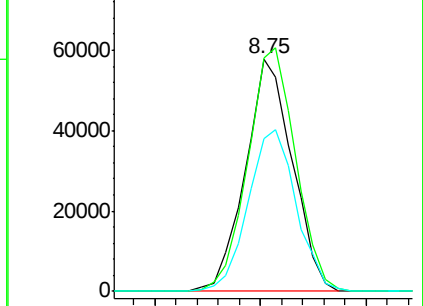
199 65.8 67.8 101.6#



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: 19.044 ng/ul

RT: 8.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

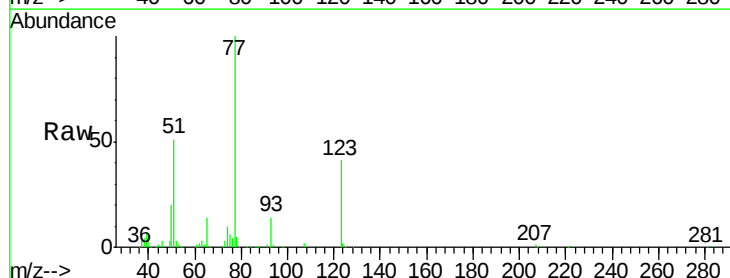
Tgt Ion: 77 Resp: 262959

Ion Ratio Lower Upper

77 100

123 41.3 31.0 46.6

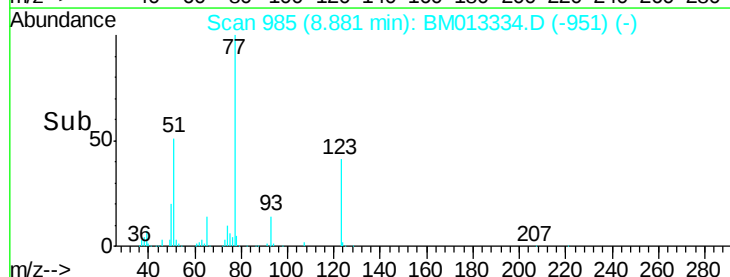
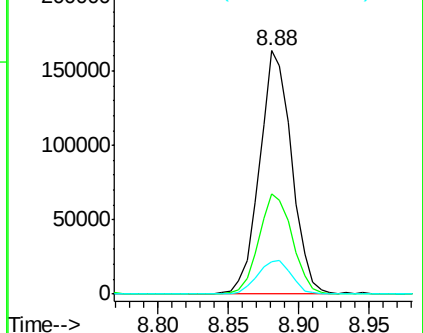
65 13.5 12.2 18.2

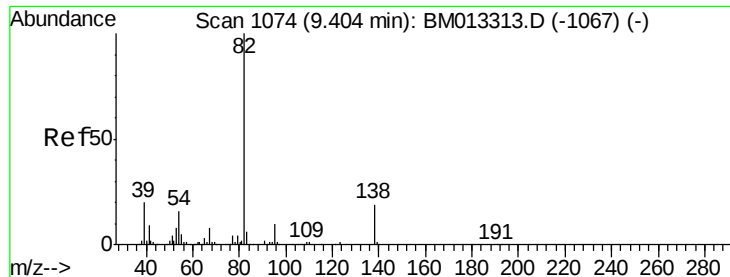


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 18.831 ng/ul

RT: 9.40 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

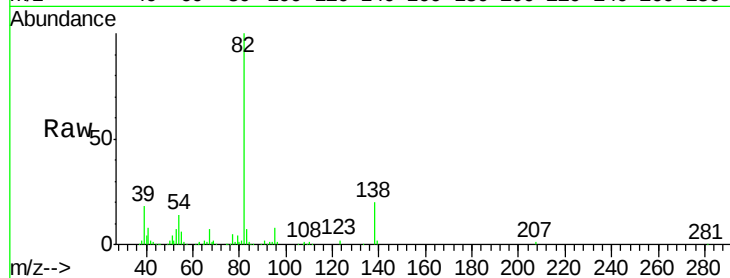
Tot Ion: 82 Resp: 457527

Ion Ratio Lower Upper

82 100

95 7.9 7.8 11.8

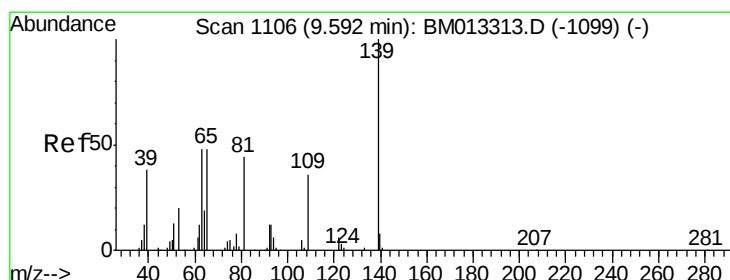
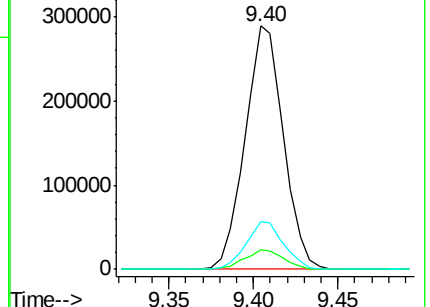
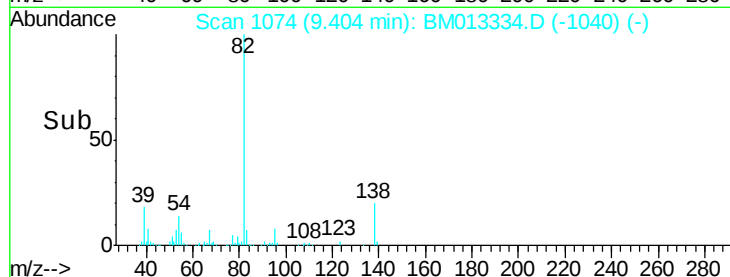
138 19.6 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM013334.D (-1040) (-)

Ion 95.00 (94.70 to 95.70): BM013334.D (-1040) (-)

Ion 138.00 (137.70 to 138.70): BM013334.D (-1040) (-)



#23

2-Nitrophenol

Concen: 19.278 ng/ul

RT: 9.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

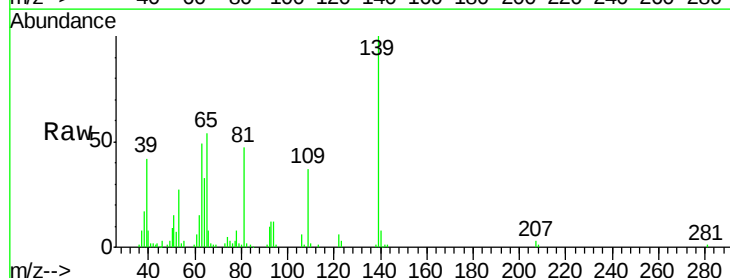
Tgt Ion: 139 Resp: 117248

Ion Ratio Lower Upper

139 100

65 53.9 55.4 83.0#

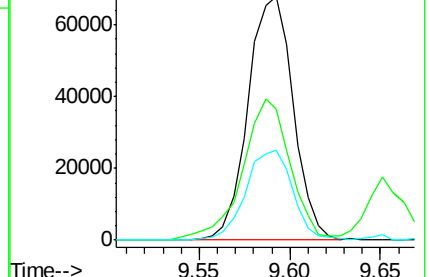
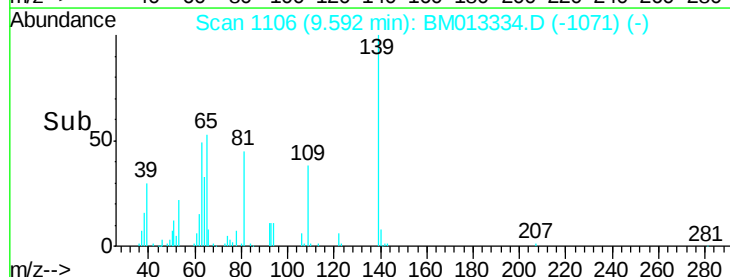
109 37.0 42.2 63.2#

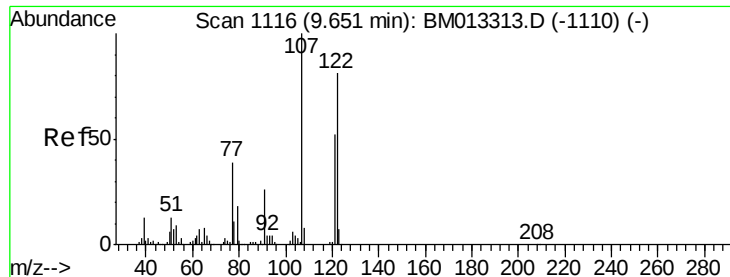


Abundance Ion 139.00 (138.70 to 139.70): BM013334.D (-1071) (-)

Ion 65.00 (64.70 to 65.70): BM013334.D (-1071) (-)

Ion 109.00 (108.70 to 109.70): BM013334.D (-1071) (-)





#24

2,4-Dimethylphenol

Concen: 19.243 ng/ul

RT: 9.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

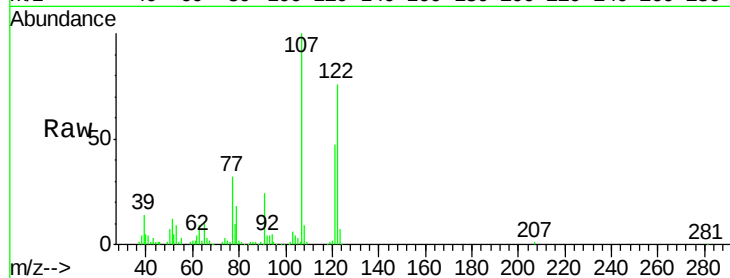
Tot Ion: 107 Resp: 255253

Ion Ratio Lower Upper

107 100

121 46.6 31.9 47.9

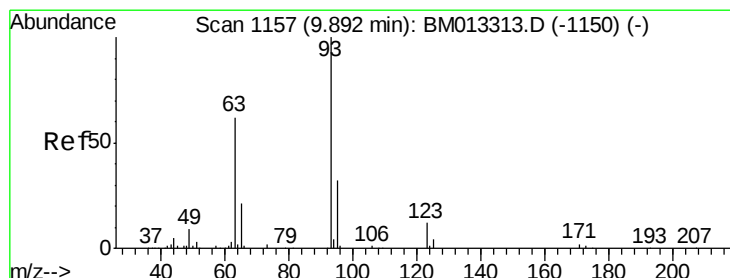
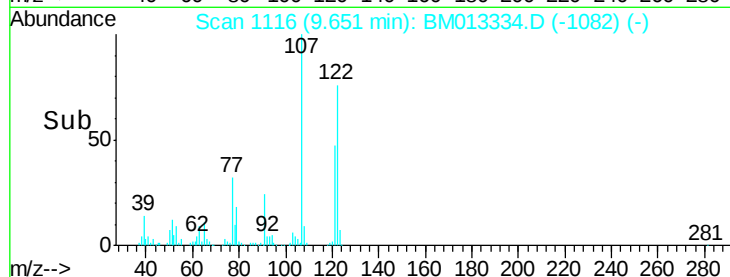
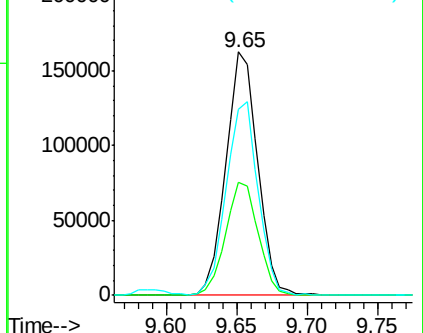
122 76.4 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.062 ng/ul

RT: 9.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

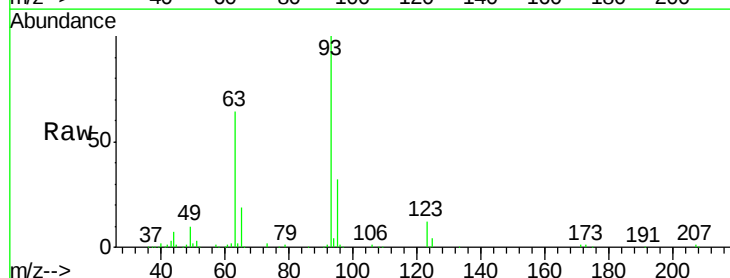
Tgt Ion: 93 Resp: 271052

Ion Ratio Lower Upper

93 100

95 32.2 28.5 42.7

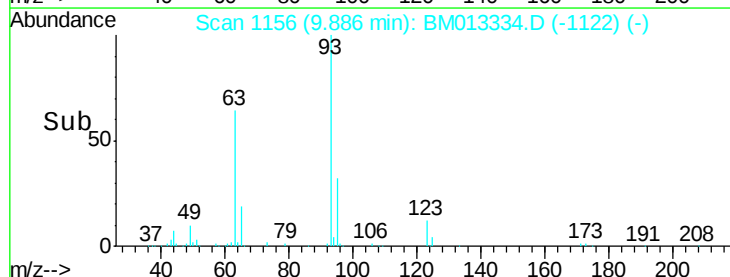
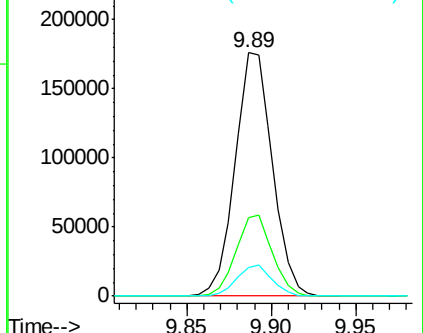
123 11.6 8.9 13.3

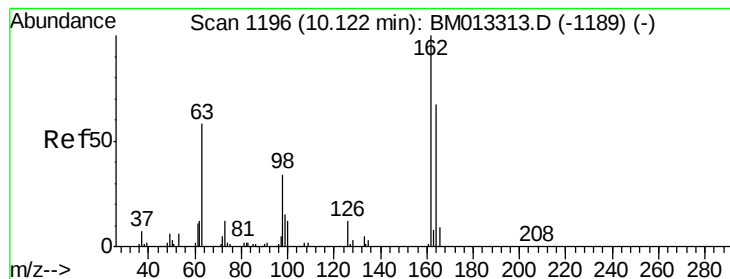


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.732 ng/ul

RT: 10.12 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

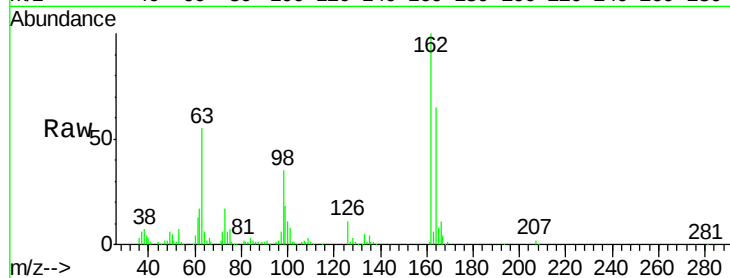
Tot Ion:162 Resp: 220338

Ion Ratio Lower Upper

162 100

164 65.4 47.8 71.6

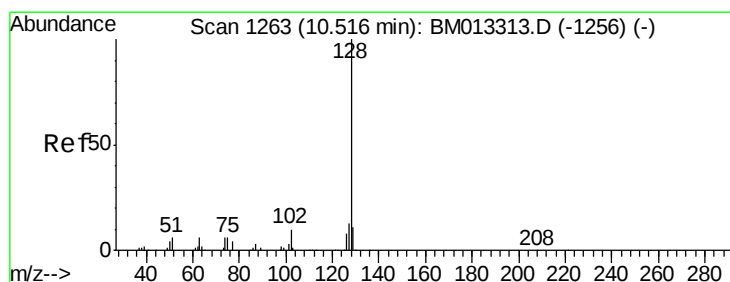
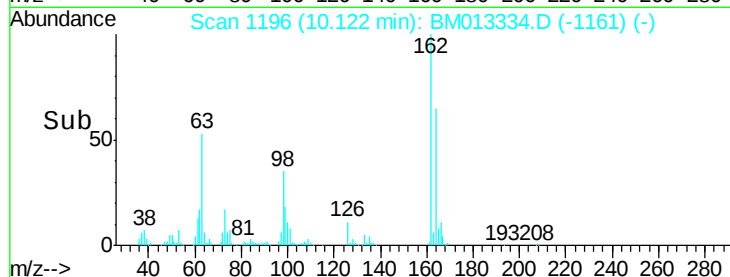
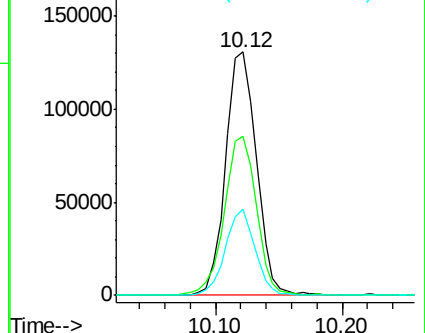
98 35.3 23.0 34.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.332 ng/ul

RT: 10.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

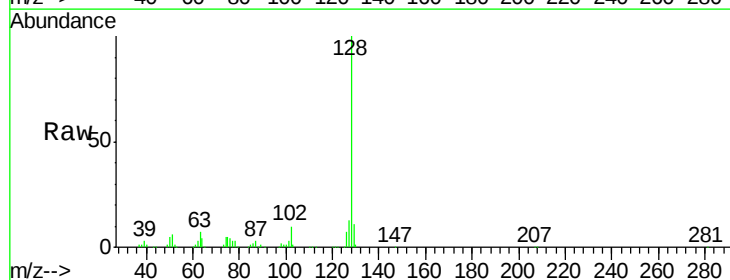
Tgt Ion:128 Resp: 687478

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

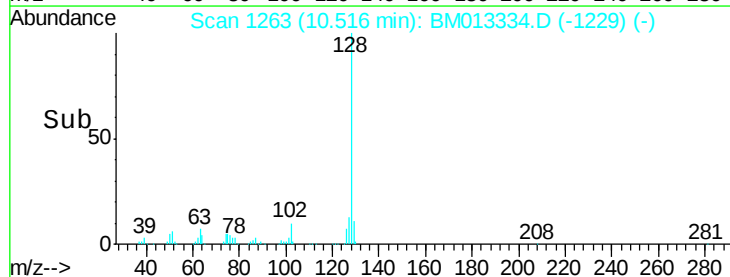
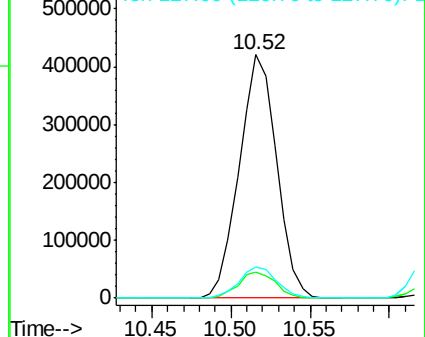
127 12.7 10.6 16.0

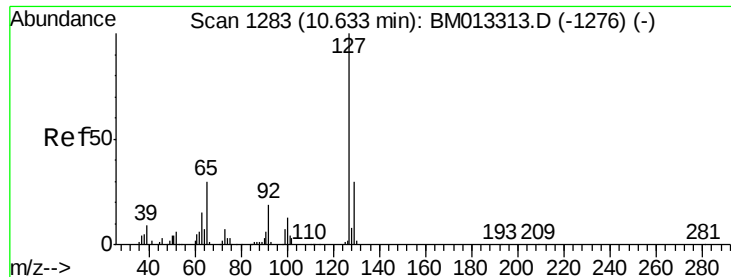


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

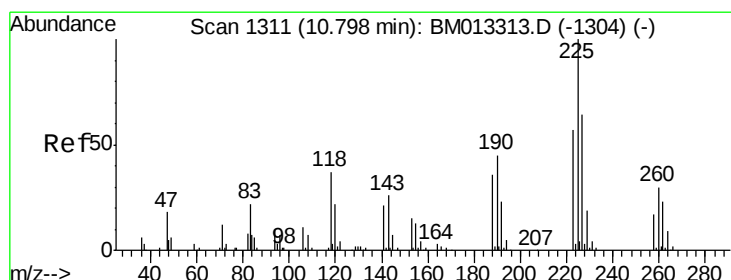
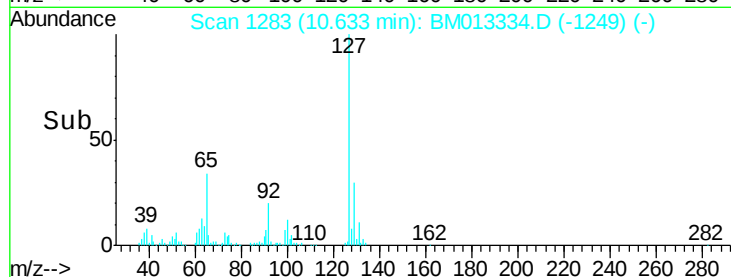
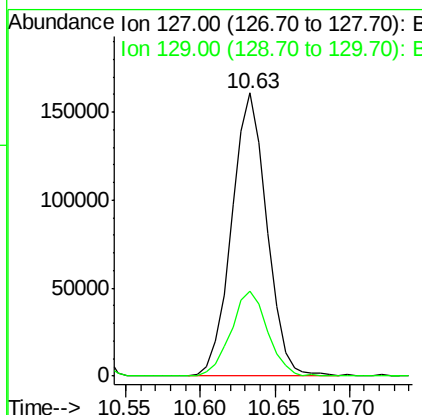
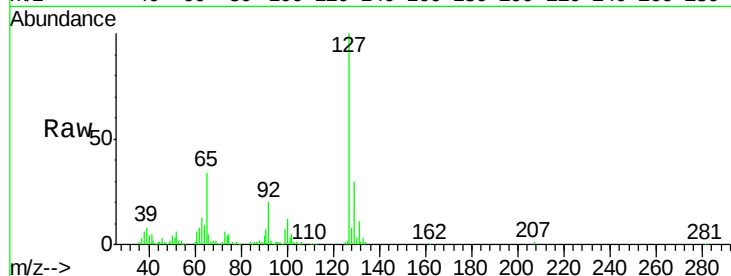




#30
4-Chloroaniline
Concen: 24.631 ng/ul
RT: 10.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

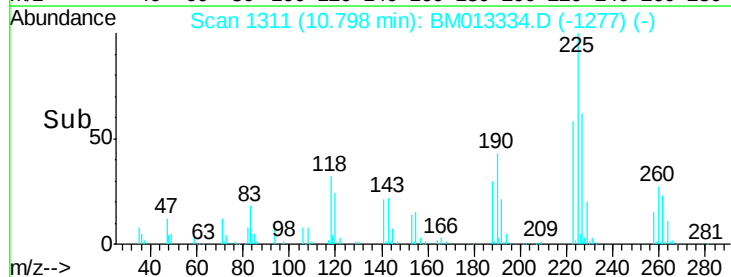
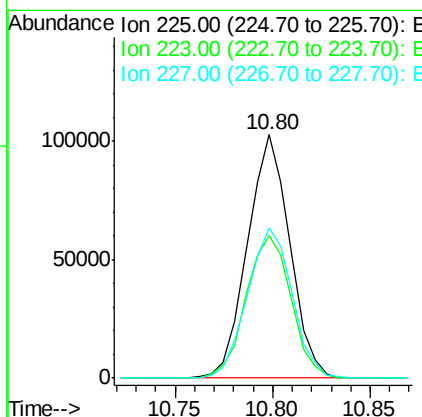
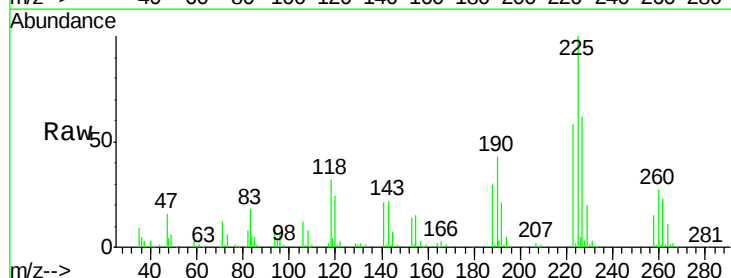
Instrument :
BNA_M
ClientSampleId :
SSTD02099

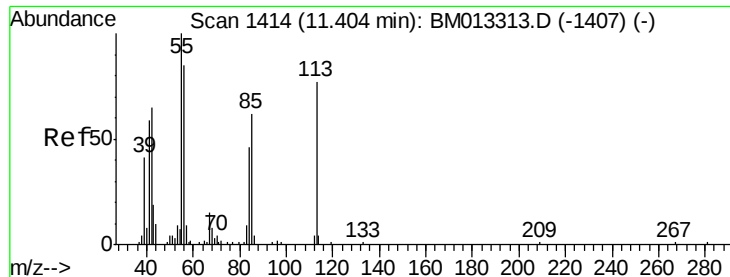
Tot Ion:127 Resp: 264959
Ion Ratio Lower Upper
127 100
129 29.9 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.979 ng/ul
RT: 10.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Tgt Ion:225 Resp: 153515
Ion Ratio Lower Upper
225 100
223 58.4 49.4 74.2
227 61.5 45.4 68.2





#32

Caprolactam

Concen: 15.965 ng/ul

RT: 11.40 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

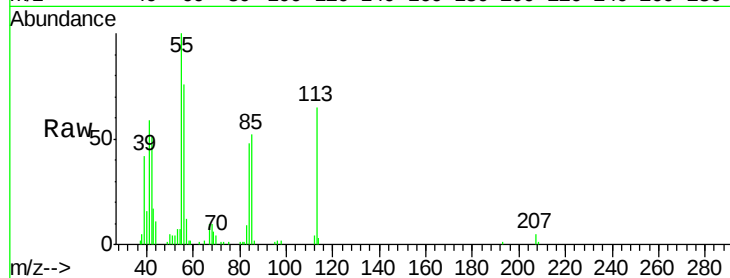
Tot Ion:113 Resp: 56977

Ion Ratio Lower Upper

113 100

55 154.8 208.0 312.0#

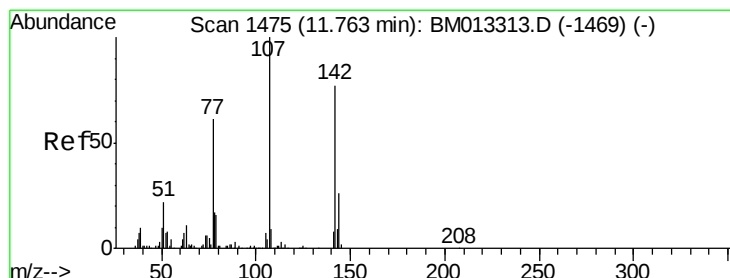
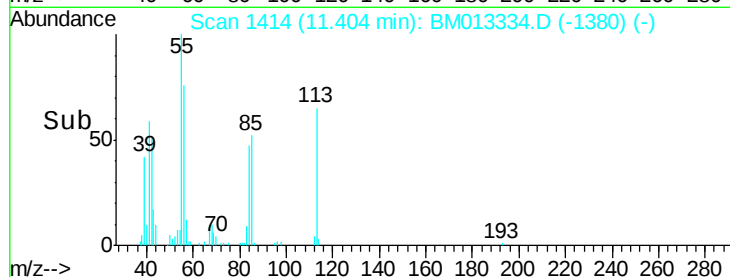
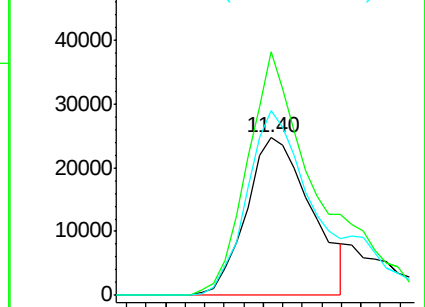
56 117.6 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.978 ng/ul

RT: 11.76 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

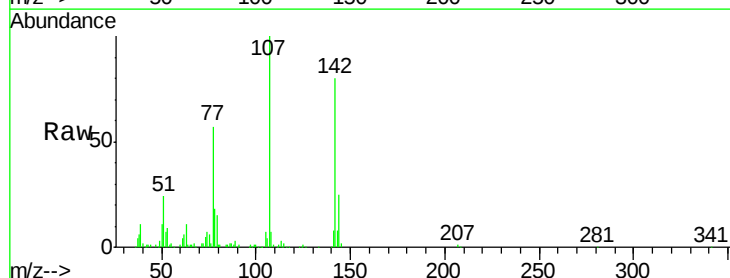
Tgt Ion:107 Resp: 244720

Ion Ratio Lower Upper

107 100

144 25.1 20.4 30.6

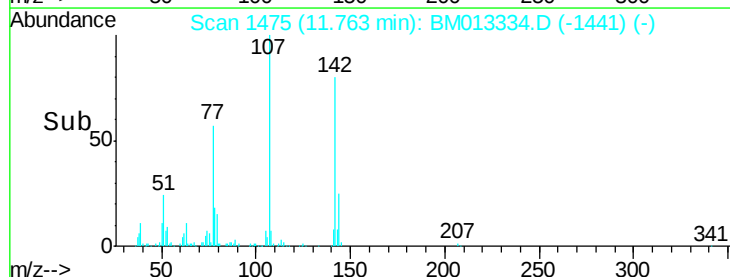
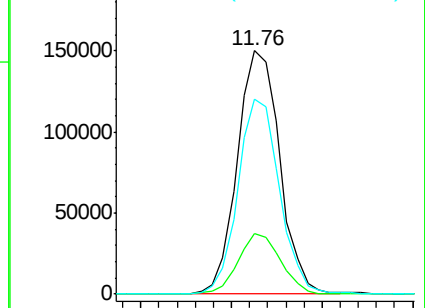
142 80.2 60.5 90.7

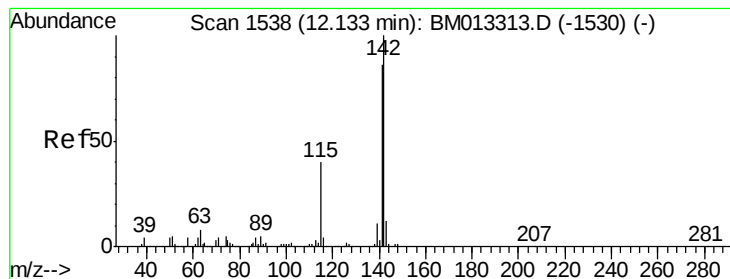


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.256 ng/ul

RT: 12.13 min Scan# 1538

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

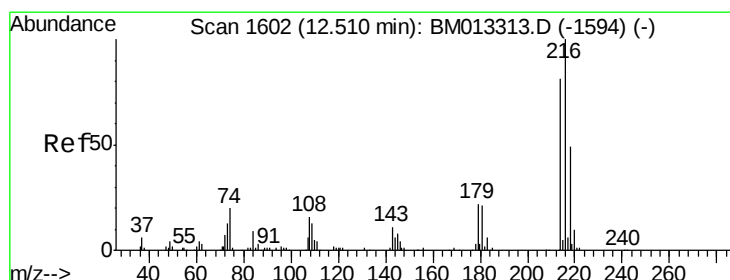
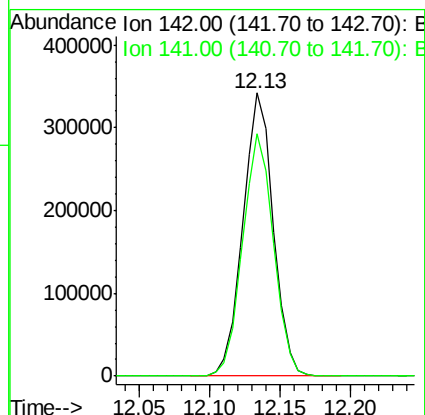
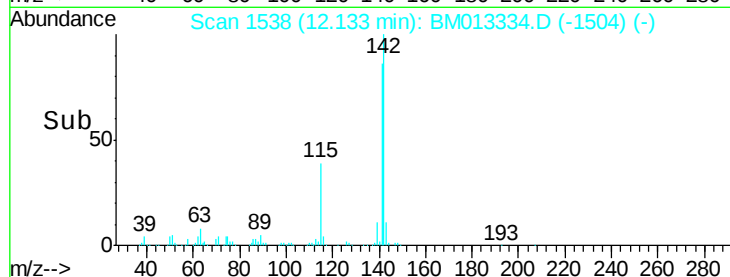
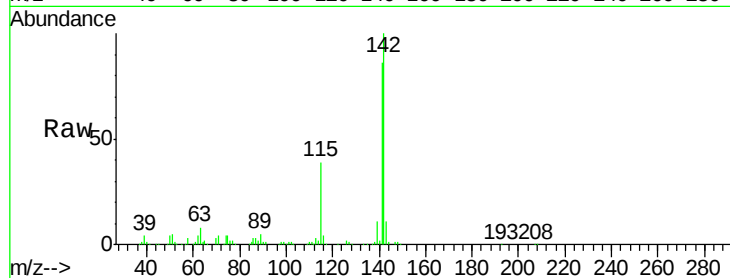
SSTD02099

Tot Ion:142 Resp: 514768

Ion Ratio Lower Upper

142 100

141 85.5 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.327 ng/ul

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Tgt Ion:216 Resp: 306759

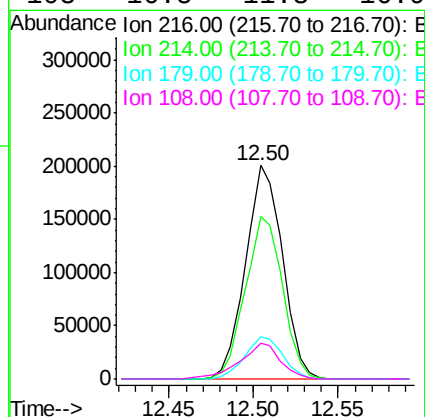
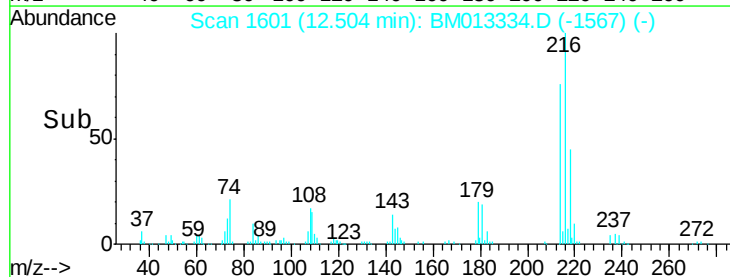
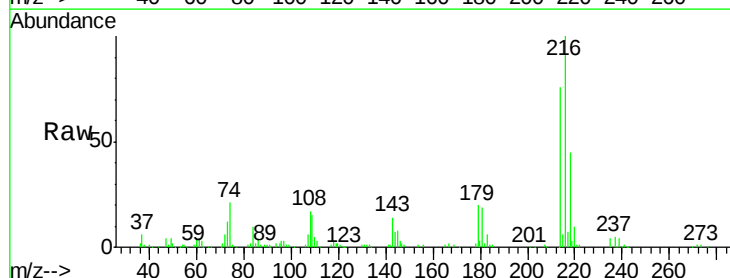
Ion Ratio Lower Upper

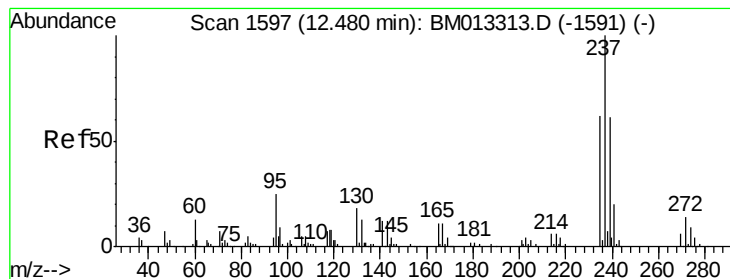
216 100

214 76.0 60.6 90.8

179 19.9 17.5 26.3

108 16.5 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 17.359 ng/ul

RT: 12.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

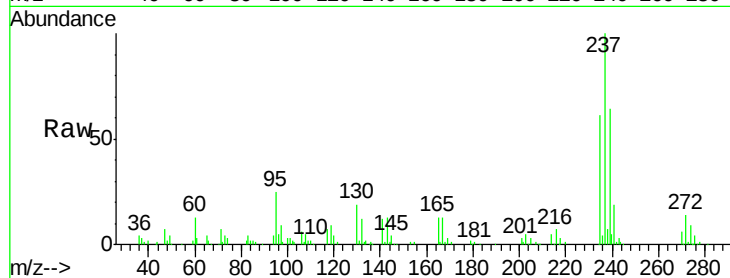
Tot Ion:237 Resp: 181345

Ion Ratio Lower Upper

237 100

235 60.7 50.2 75.4

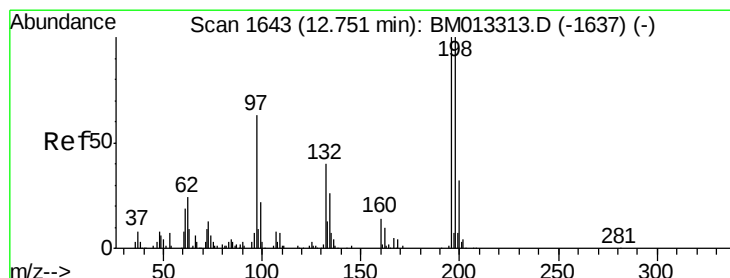
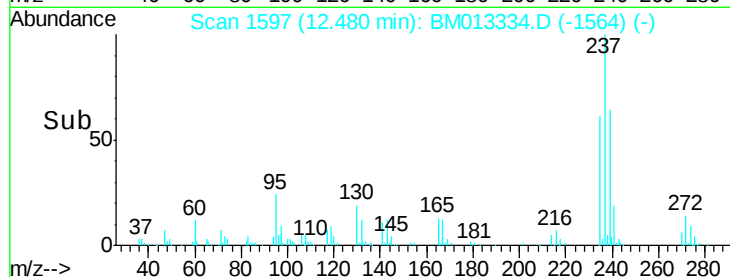
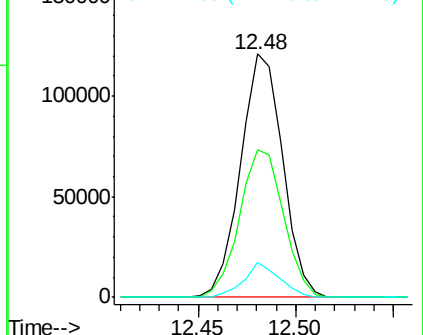
272 14.5 11.0 16.6



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: 20.076 ng/ul

RT: 12.76 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

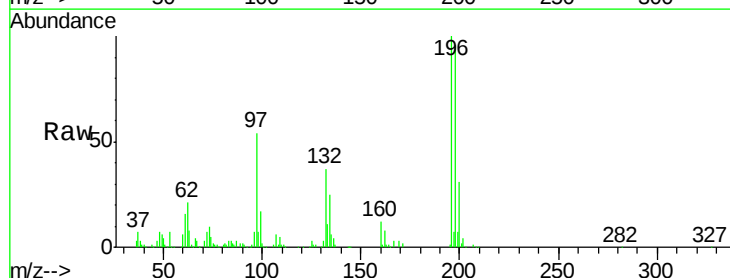
Tgt Ion:196 Resp: 198649

Ion Ratio Lower Upper

196 100

198 95.7 74.1 111.1

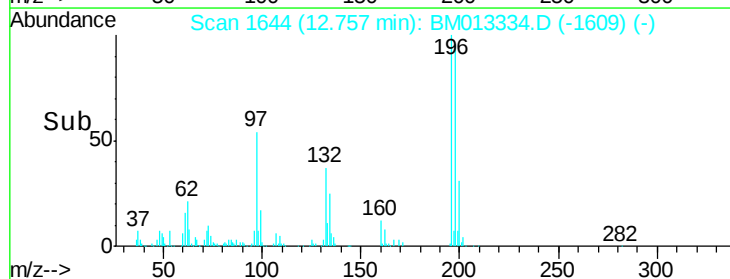
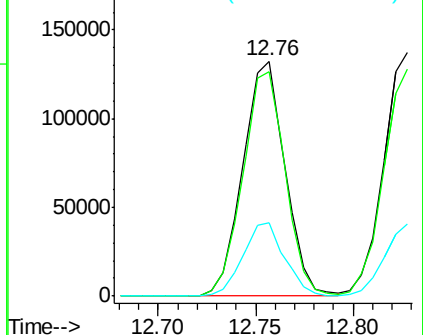
200 31.2 25.2 37.8

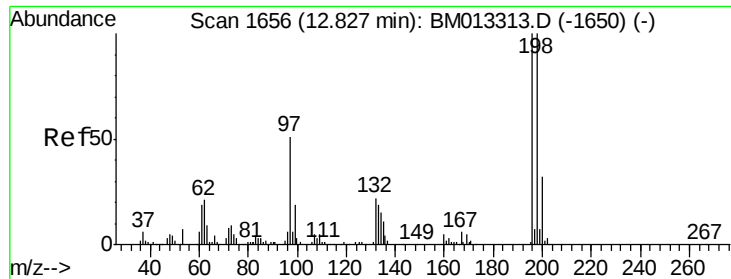


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

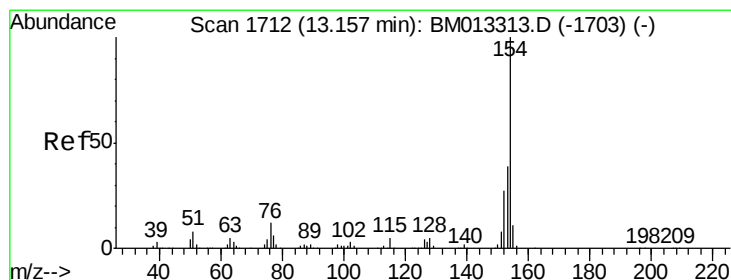
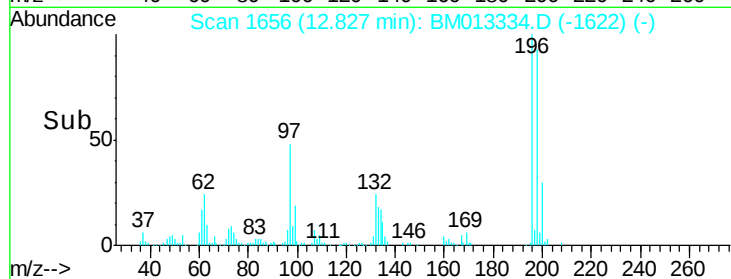
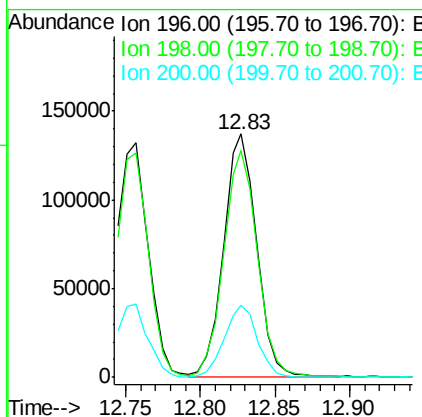
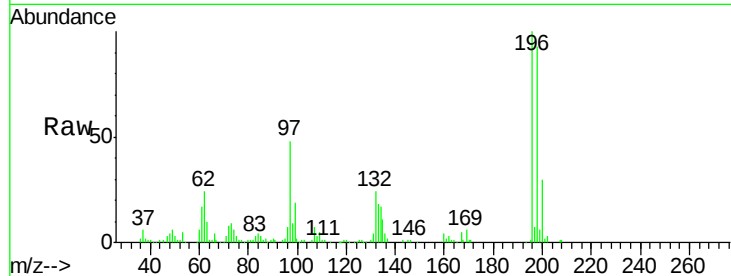




#39
 2,4,5-Trichlorophenol
 Concen: 20.346 ng/ul
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BM013334.D
 Acq: 12 Dec 2017 11:34

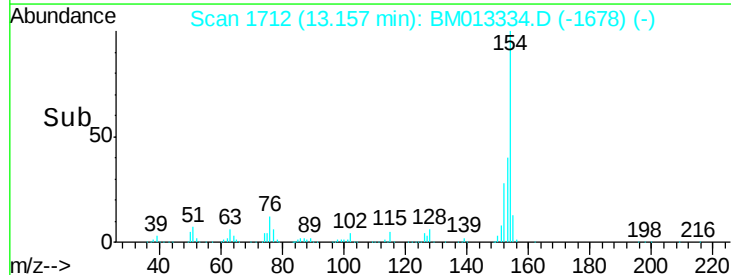
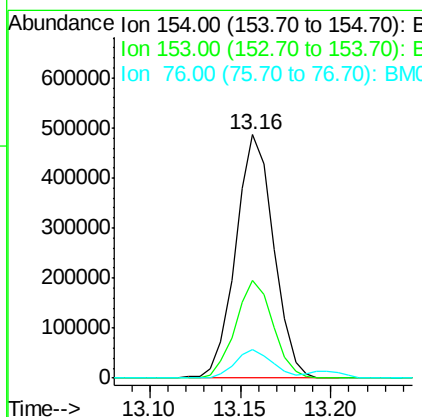
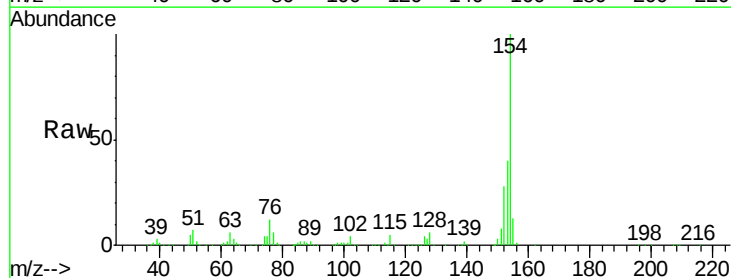
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02099

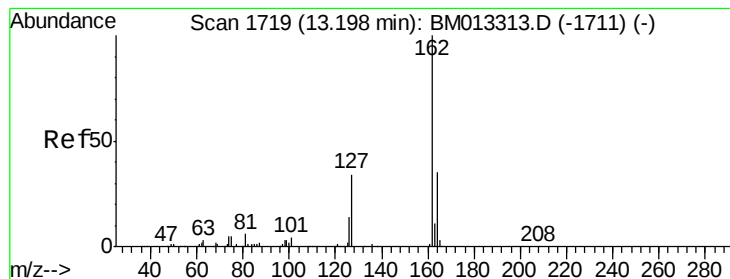
Tot Ion	196	Resp	213848
Ion Ratio	Lower	Upper	
196	100		
198	93.4	75.6	113.4
200	29.8	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 19.002 ng/ul
 RT: 13.16 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM013334.D
 Acq: 12 Dec 2017 11:34

Tgt Ion	154	Resp	706407
Ion Ratio	Lower	Upper	
154	100		
153	40.0	32.6	48.8
76	11.7	8.5	12.7

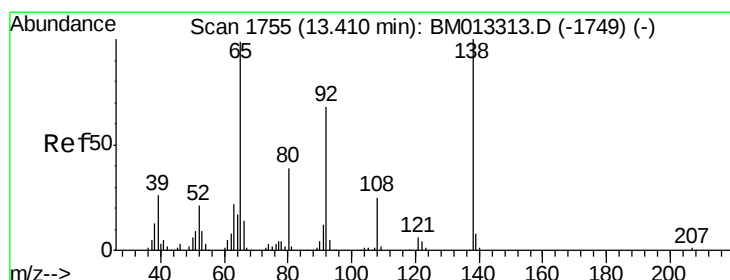
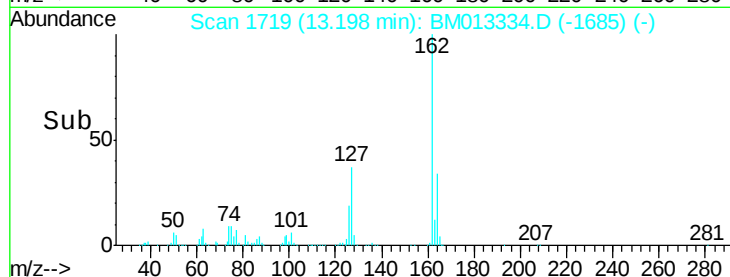
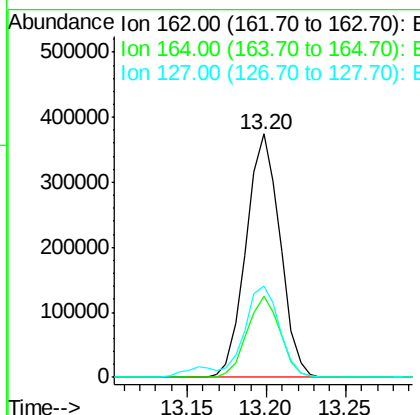
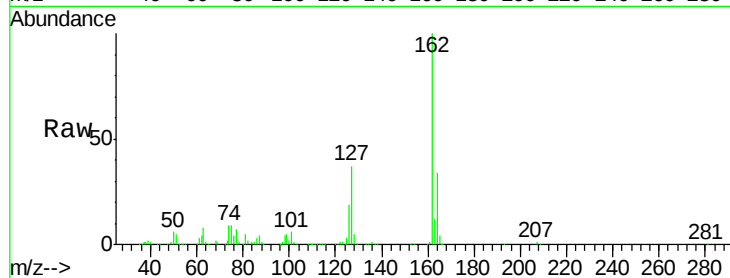




#41
 2-Chloronaphthalene
 Concen: 19.161 ng/ul
 RT: 13.20 min Scan# 1719
 Delta R.T. -0.00 min
 Lab File: BM013334.D
 Acq: 12 Dec 2017 11:34

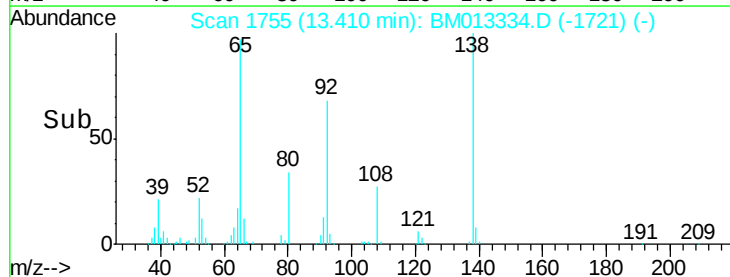
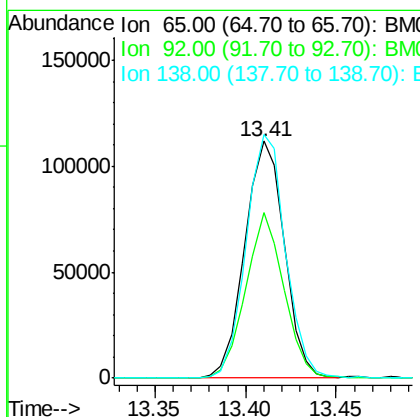
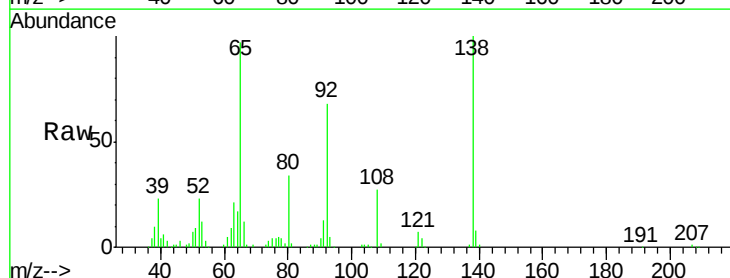
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02099

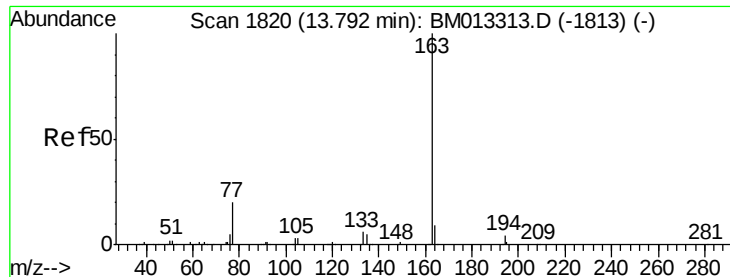
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.5	25.9	38.9
127	37.3	29.4	44.2



#42
 2-Nitroaniline
 Concen: 19.926 ng/ul
 RT: 13.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BM013334.D
 Acq: 12 Dec 2017 11:34

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	51.8	77.6
138	102.8	74.2	111.4





#44

Dimethylphthalate

Concen: 19.159 ng/ul

RT: 13.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

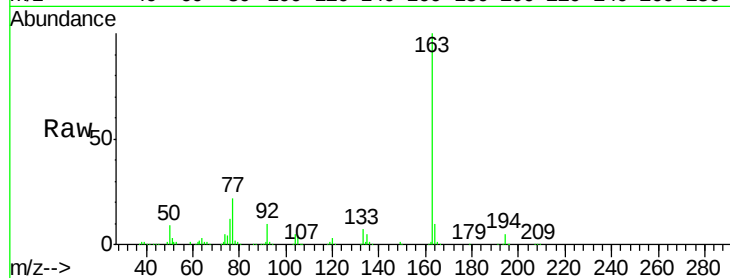
Tot Ion:163 Resp: 717264

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

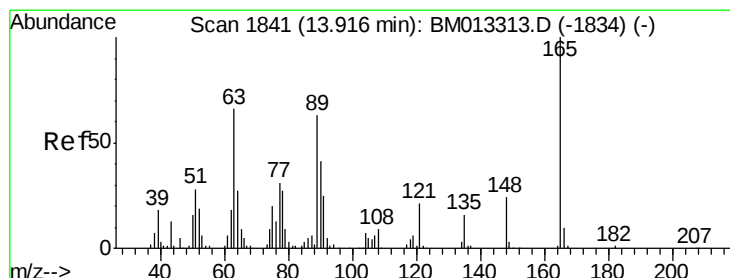
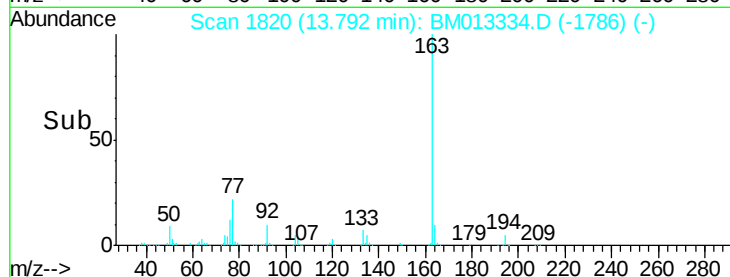
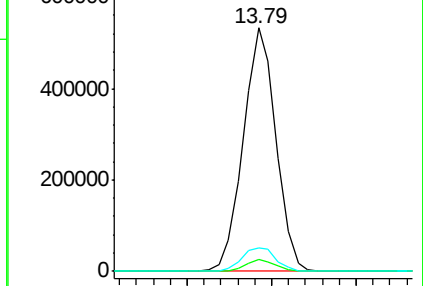
164 9.7 8.2 12.4



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: 19.696 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

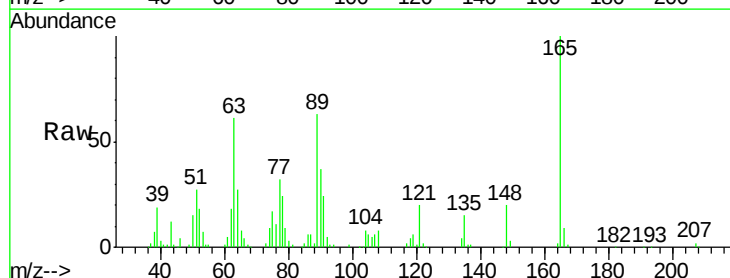
Tgt Ion:165 Resp: 150383

Ion Ratio Lower Upper

165 100

89 63.5 52.6 79.0

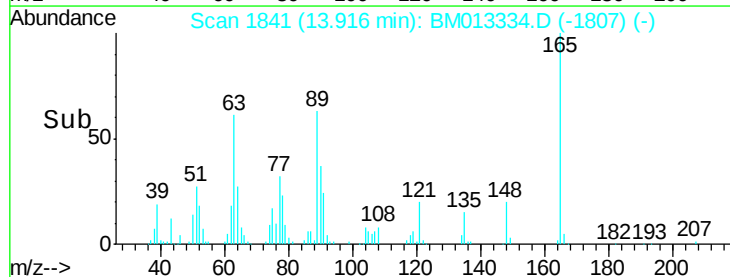
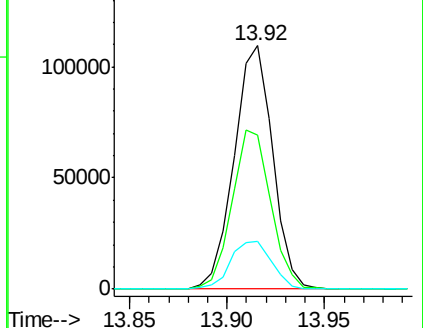
121 19.8 14.6 22.0

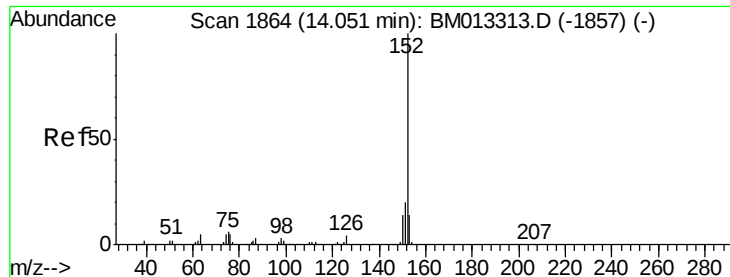


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.557 ng/ul

RT: 14.05 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

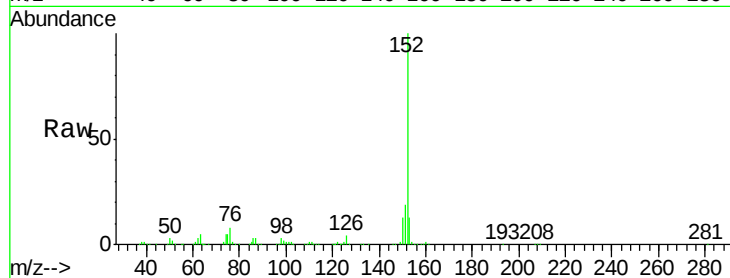
Tot Ion:152 Resp: 874211

Ion Ratio Lower Upper

152 100

151 19.1 16.3 24.5

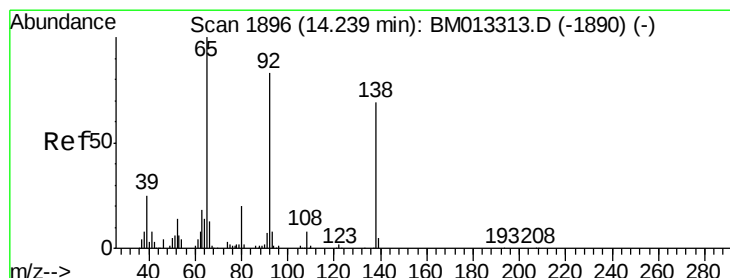
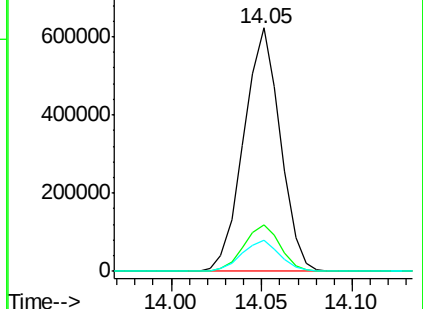
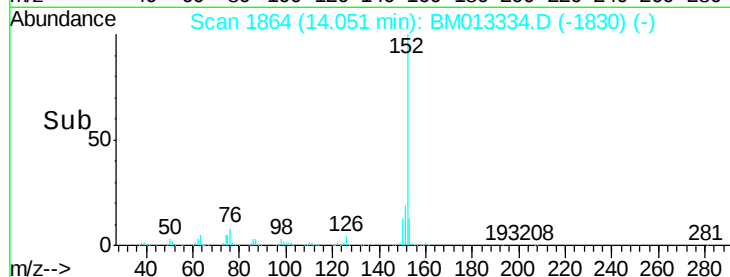
153 12.6 10.2 15.4



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: 21.503 ng/ul

RT: 14.25 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

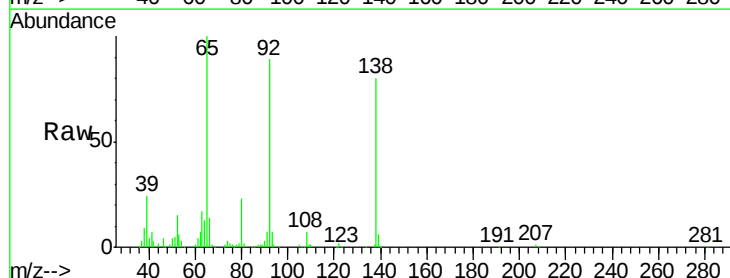
Tgt Ion:138 Resp: 146751

Ion Ratio Lower Upper

138 100

108 8.9 9.9 14.9#

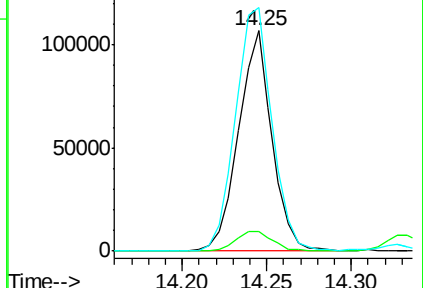
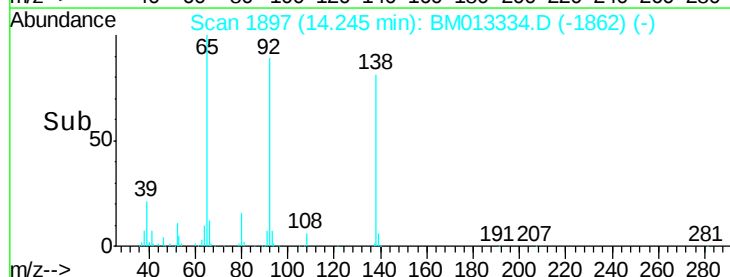
92 110.6 105.0 157.4

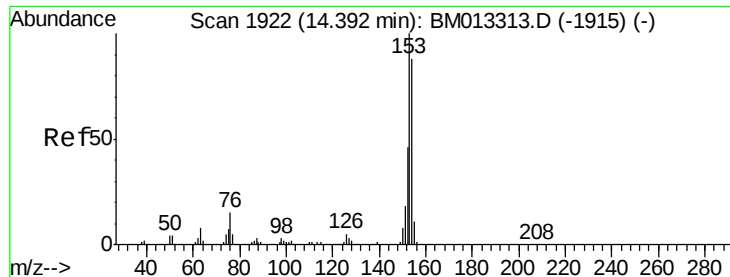


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.265 ng/ul

RT: 14.39 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampled :

SSTD02099

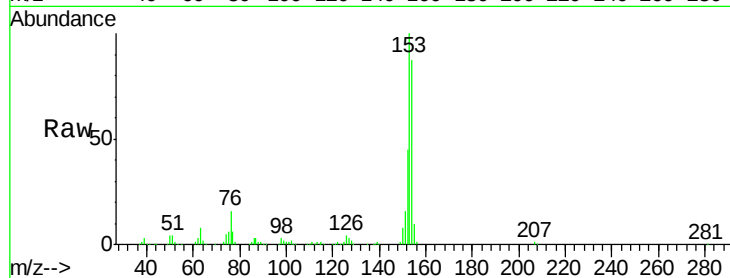
Tot Ion:153 Resp: 586628

Ion Ratio Lower Upper

153 100

152 44.9 37.6 56.4

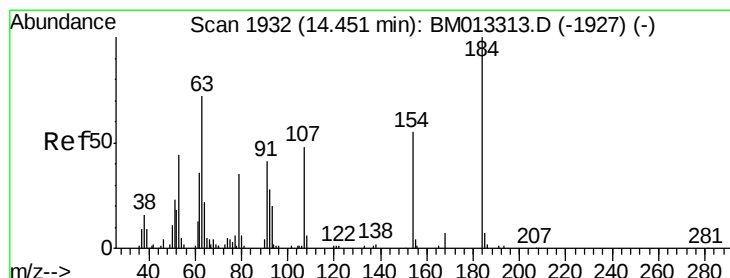
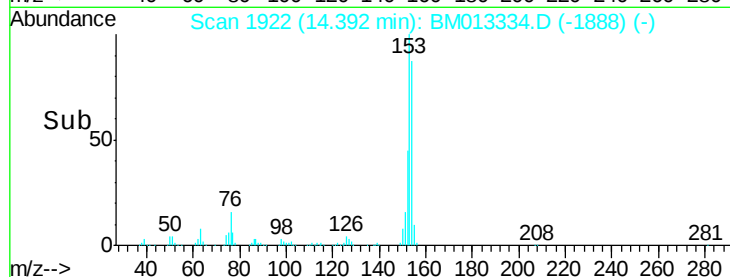
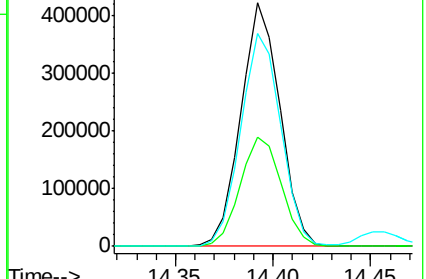
154 87.4 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 15.271 ng/ul

RT: 14.45 min Scan# 1932

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

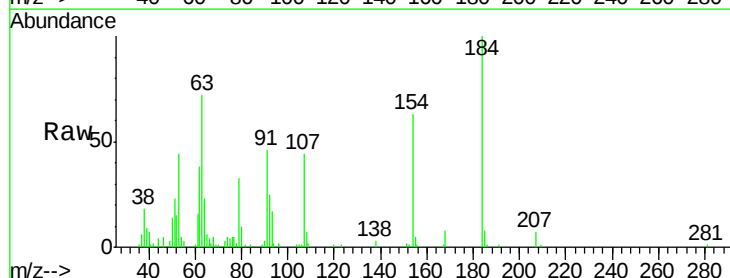
Tgt Ion:184 Resp: 64525

Ion Ratio Lower Upper

184 100

63 72.1 50.1 75.1

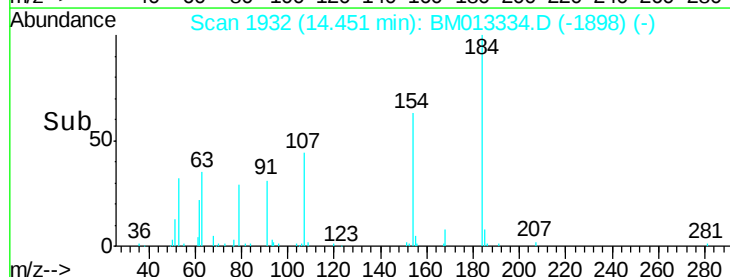
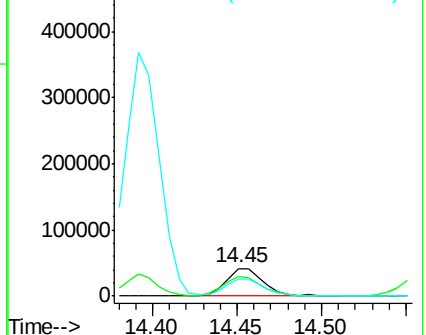
154 62.6 54.5 81.7

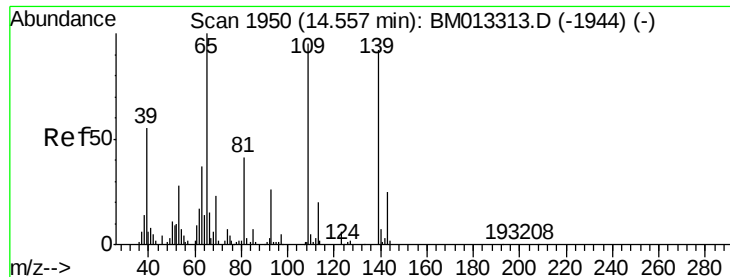


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

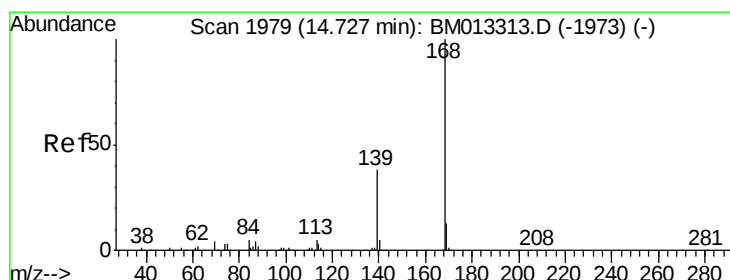
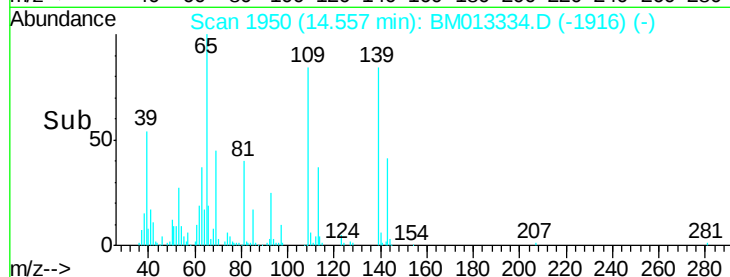
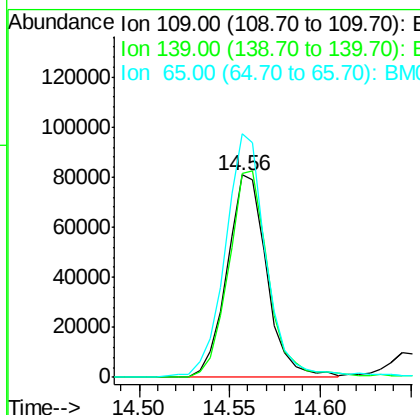
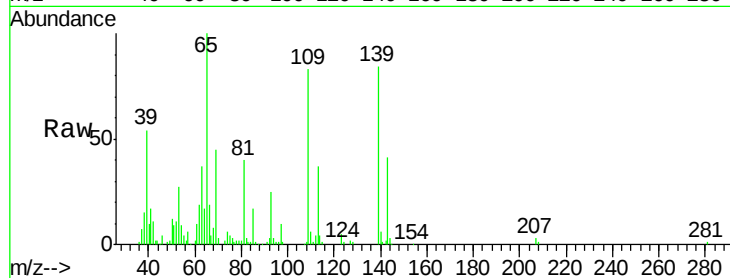




#52
4-Nitrophenol
Concen: 18.470 ng/ul
RT: 14.56 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

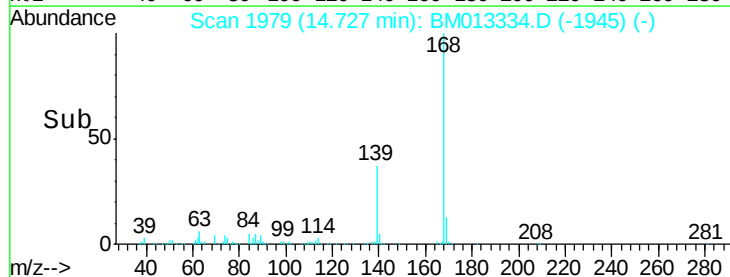
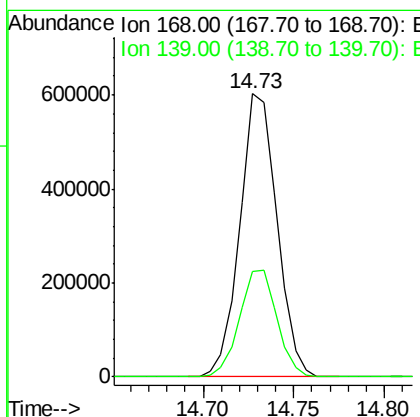
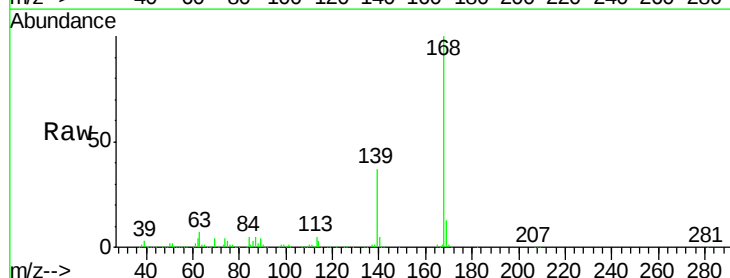
Instrument :
BNA_M
ClientSampleId :
SSTD02099

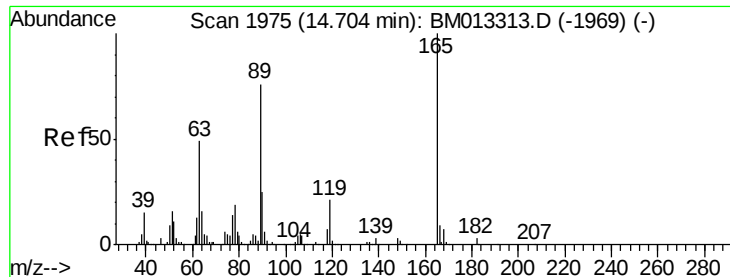
Tot Ion	Ratio	Lower	Upper
109	100		
139	100.4	80.0	120.0
65	120.2	120.0	180.0



#53
Dibenzofuran
Concen: 19.132 ng/ul
RT: 14.73 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.8	46.2





#54

2,4-Dinitrotoluene

Concen: 20.122 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

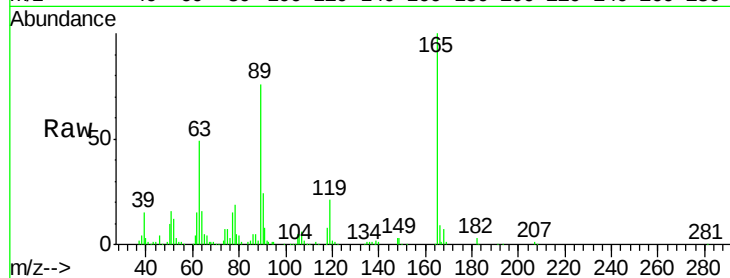
Tot Ion:165 Resp: 223490

Ion Ratio Lower Upper

165 100

63 48.8 45.8 68.8

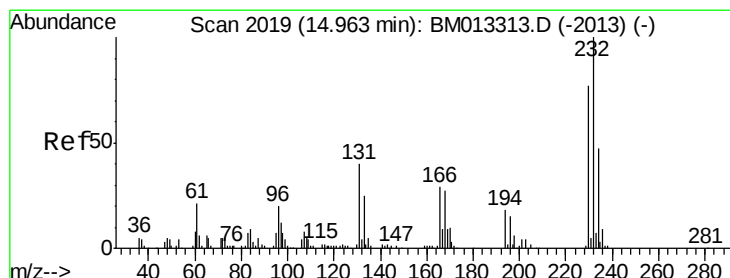
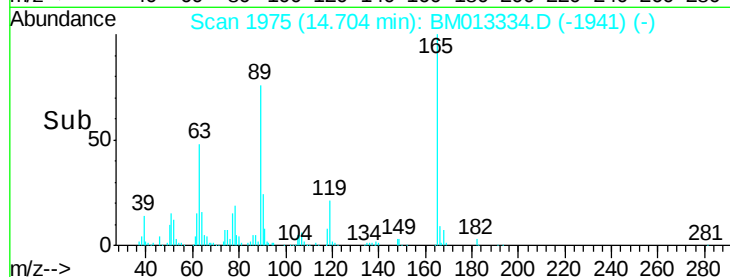
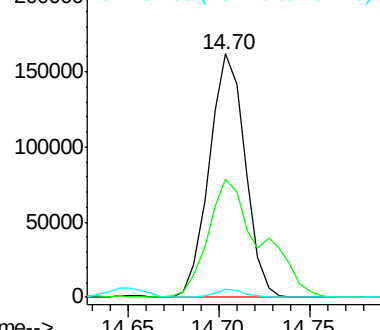
182 3.4 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.623 ng/ul

RT: 14.96 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Tgt Ion:232 Resp: 198745

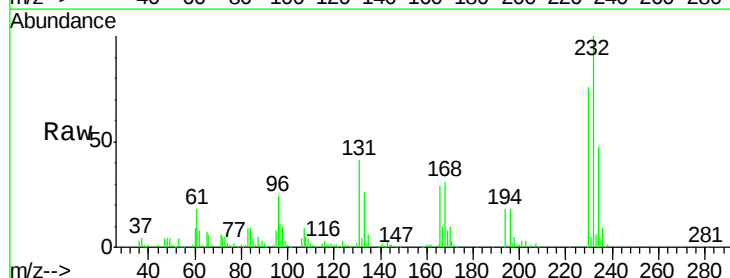
Ion Ratio Lower Upper

232 100

131 41.4 29.0 43.4

130 2.2 2.0 3.0

166 29.4 21.4 32.2

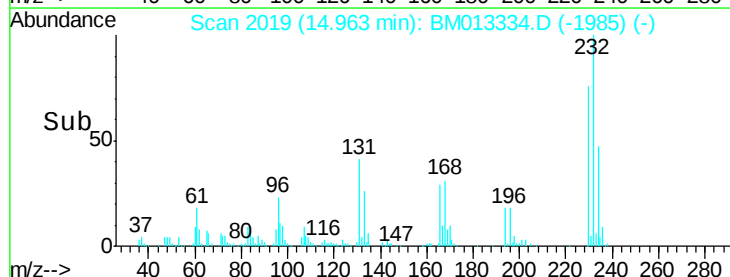
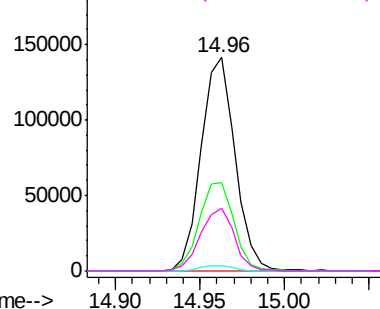


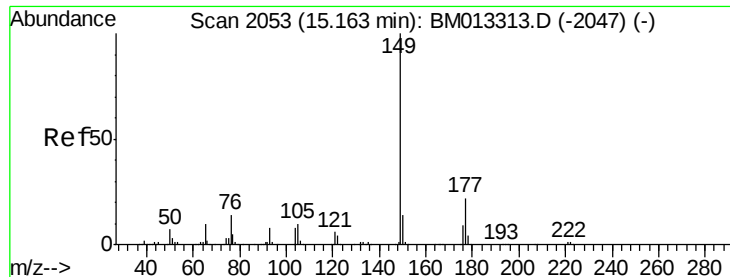
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

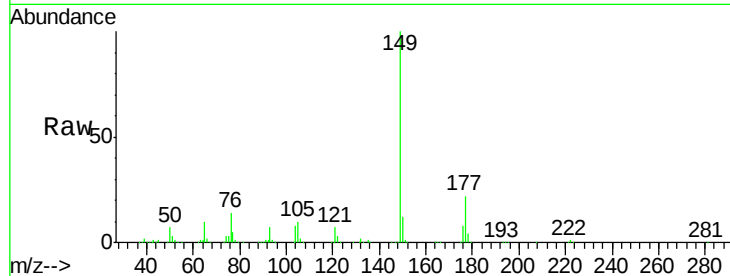




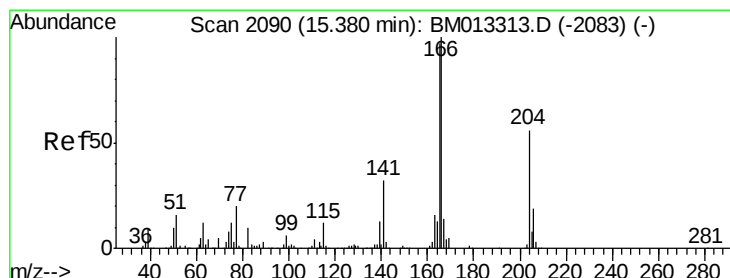
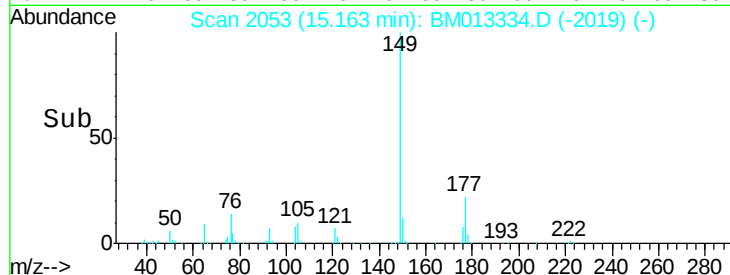
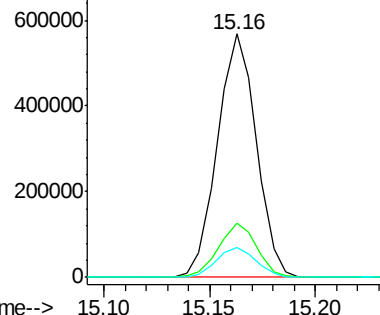
#56
Diethylphthalate
Concen: 19.365 ng/ul
RT: 15.16 min Scan# 2053
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Instrument :
BNA_M
ClientSampleId :
SSTD02099

Tot Ion:149 Resp: 727128
Ion Ratio Lower Upper
149 100
177 22.2 20.5 30.7
150 12.4 10.6 15.8

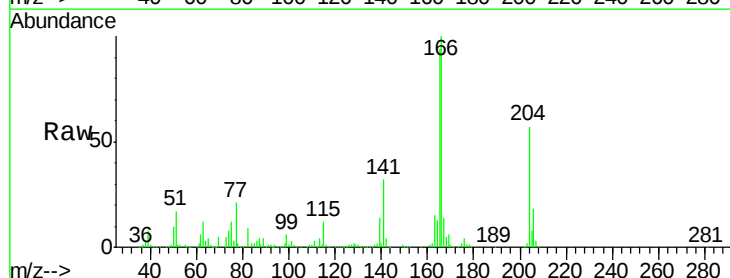


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

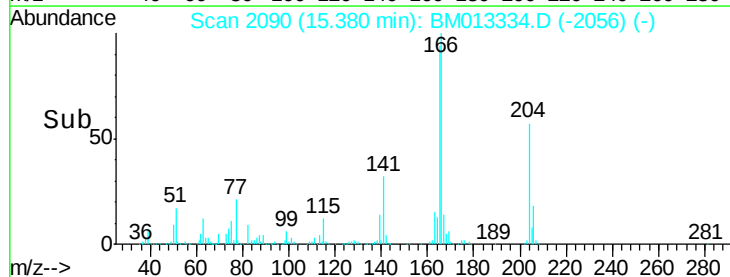
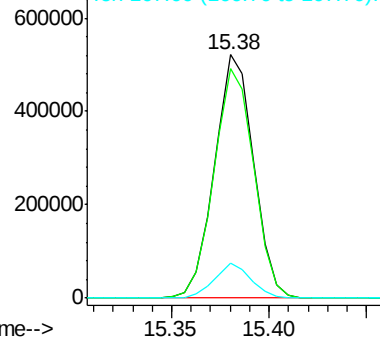


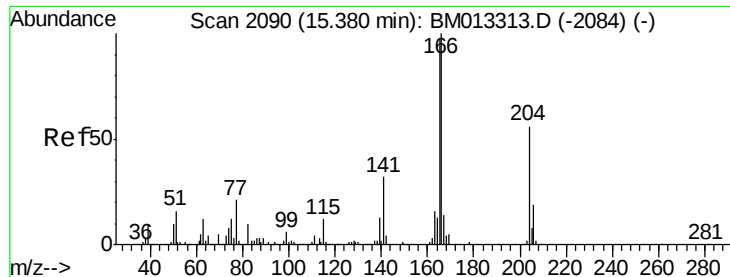
#58
Fluorene
Concen: 19.468 ng/ul
RT: 15.38 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Tgt Ion:166 Resp: 723954
Ion Ratio Lower Upper
166 100
165 94.4 77.9 116.9
167 14.2 10.6 16.0



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

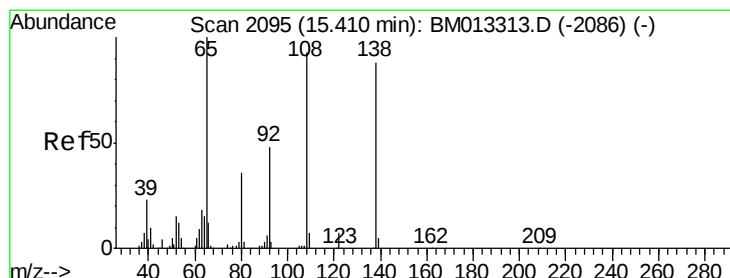
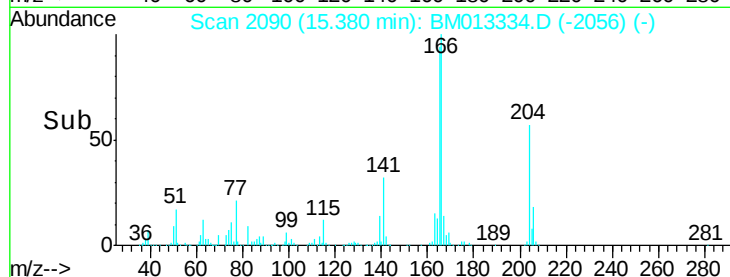
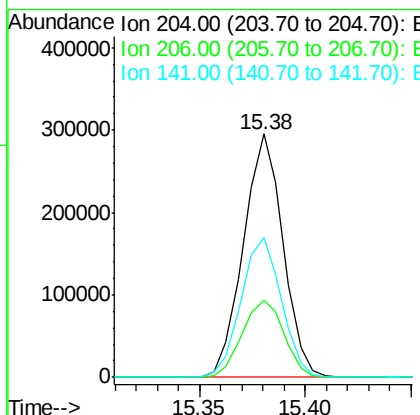
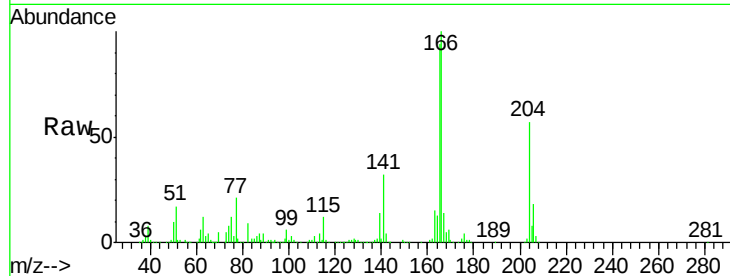




#59
4-Chlorophenyl-phenylether
Concen: 19.052 ng/ul
RT: 15.38 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

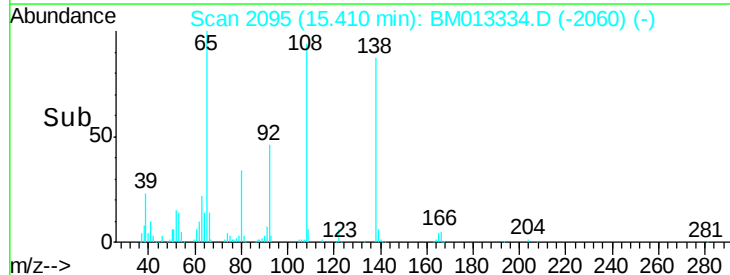
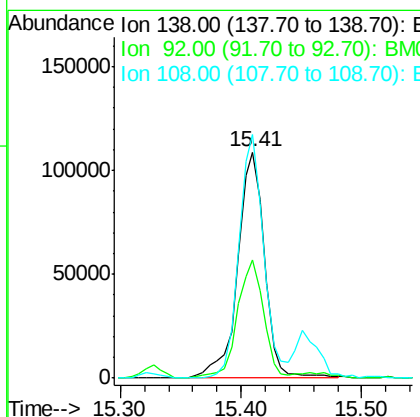
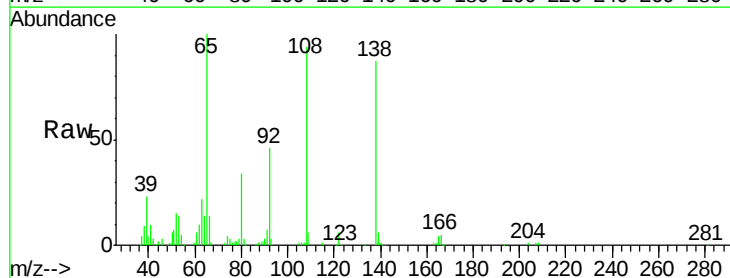
Instrument :
BNA_M
ClientSampleId :
SSTD02099

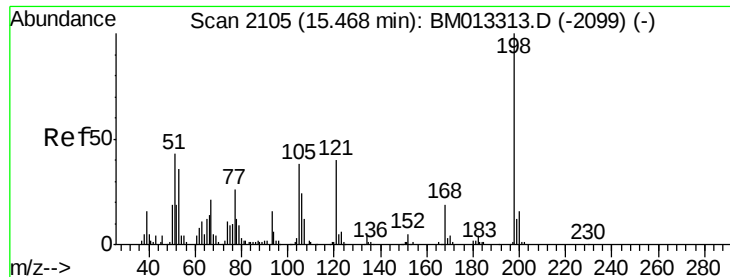
Tot Ion:204 Resp: 384536
Ion Ratio Lower Upper
204 100
206 31.5 24.8 37.2
141 57.3 44.3 66.5



#60
4-Nitroaniline
Concen: 21.056 ng/ul
RT: 15.41 min Scan# 2095
Delta R.T. 0.01 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Tgt Ion:138 Resp: 169548
Ion Ratio Lower Upper
138 100
92 52.4 40.0 60.0
108 107.8 80.0 120.0





#63

4,6-Dinitro-2-methylphenol

Concen: 17.228 ng/ul

RT: 15.47 min Scan# 2105

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

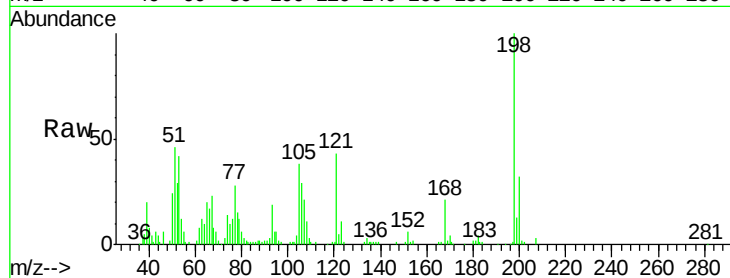
Tot Ion:198 Resp: 118489

Ion Ratio Lower Upper

198 100

182 3.5 3.8 5.6#

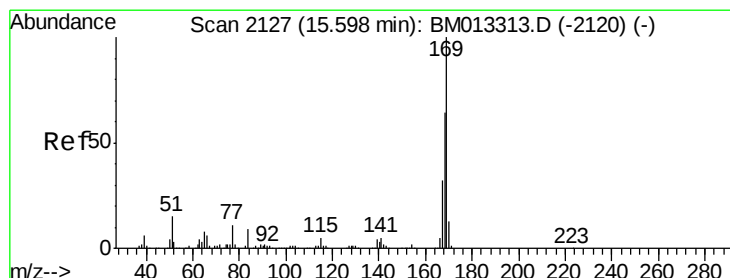
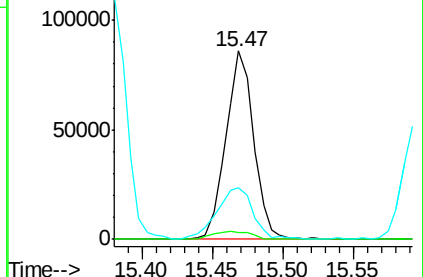
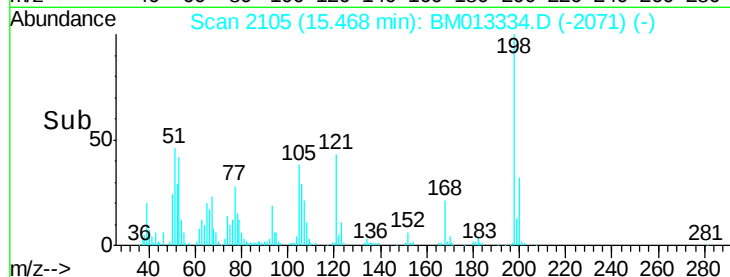
77 27.5 25.2 37.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BM



#64

N-Nitrosodiphenylamine

Concen: 19.042 ng/ul

RT: 15.60 min Scan# 2127

Delta R.T. 0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

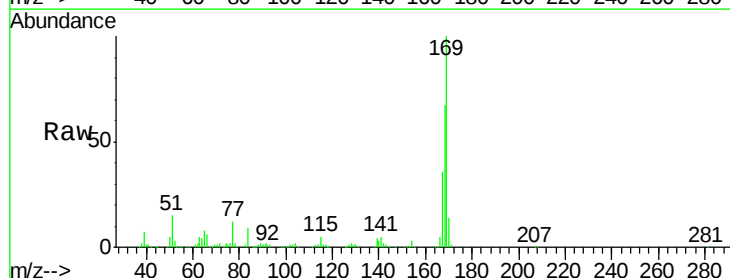
Tgt Ion:169 Resp: 613704

Ion Ratio Lower Upper

169 100

168 67.1 54.0 81.0

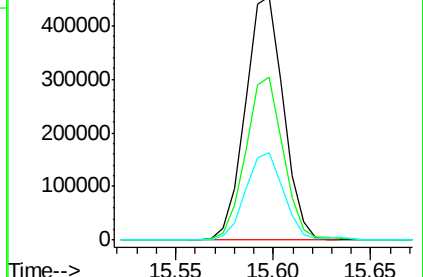
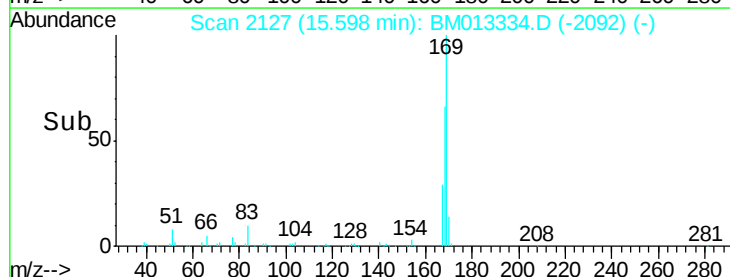
167 35.9 29.1 43.7

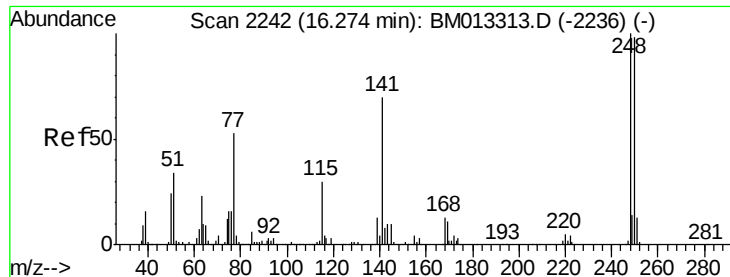


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

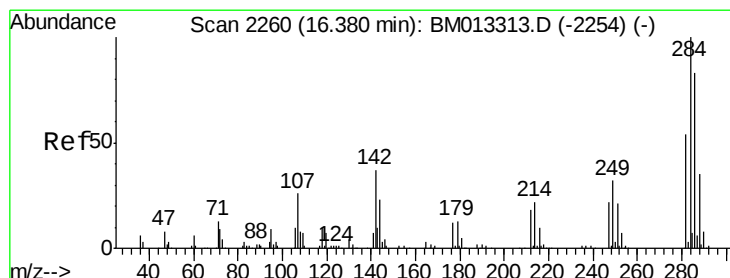
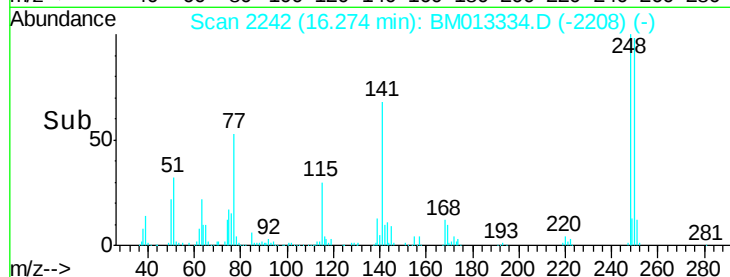
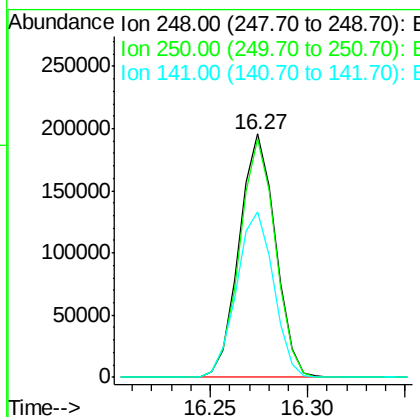
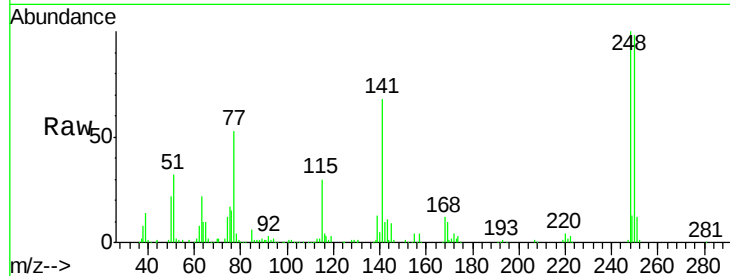




#65
4-Bromophenyl-phenylether
Concen: 19.572 ng/ul
RT: 16.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

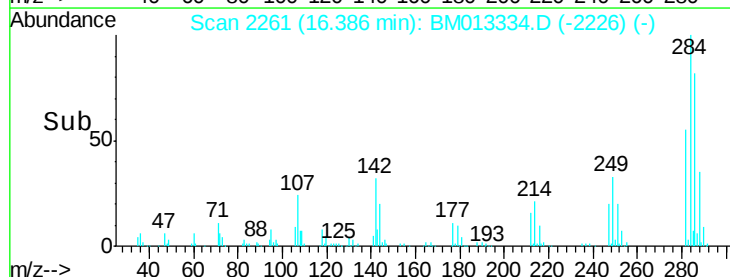
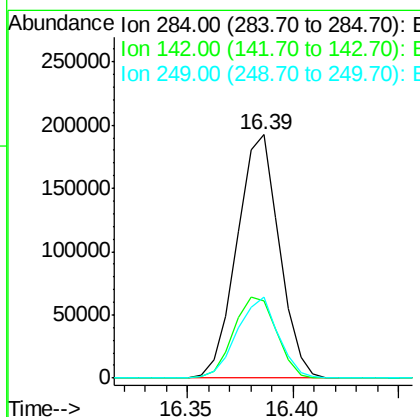
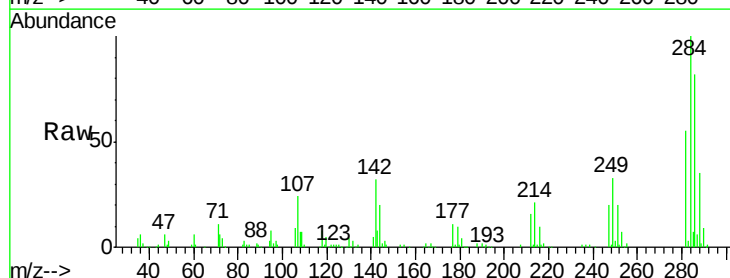
Instrument :
BNA_M
ClientSampled :
SSTD02099

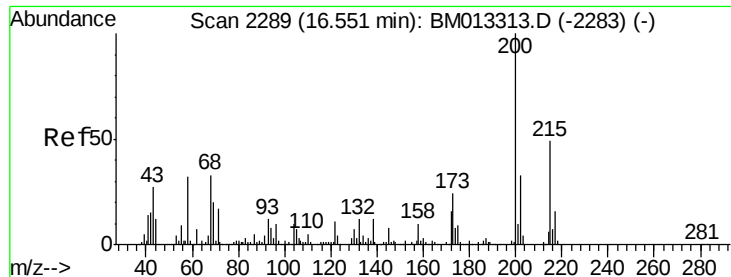
Tot Ion:248 Resp: 251719
Ion Ratio Lower Upper
248 100
250 98.2 80.5 120.7
141 68.2 53.6 80.4



#66
Hexachlorobenzene
Concen: 18.772 ng/ul
RT: 16.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Tgt Ion:284 Resp: 266247
Ion Ratio Lower Upper
284 100
142 31.9 21.2 31.8#
249 33.1 24.5 36.7

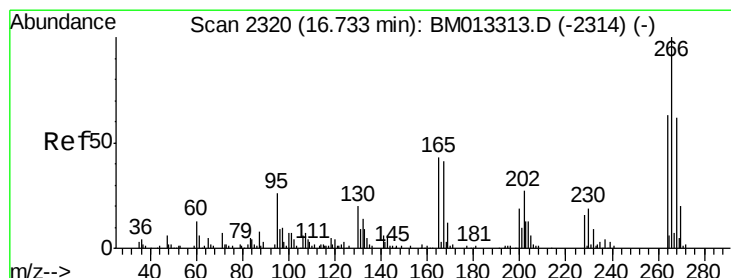
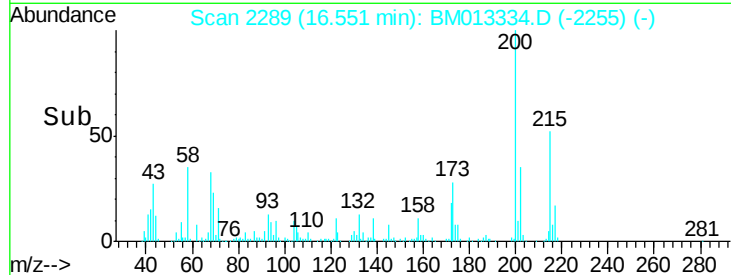
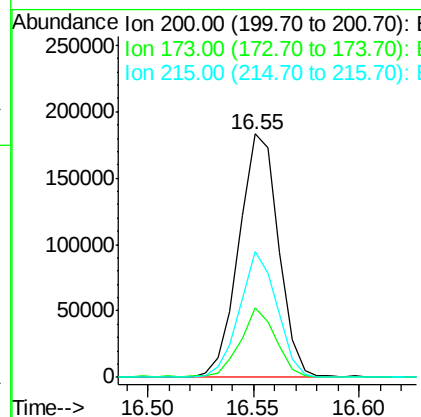
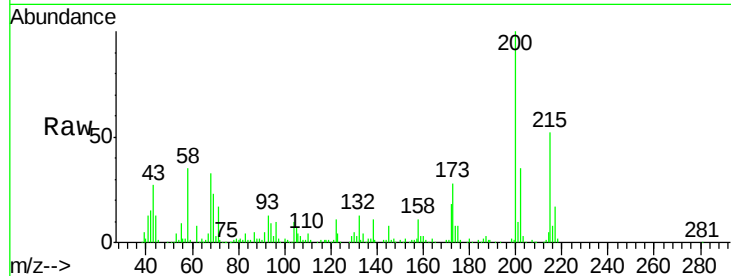




#67
 Atrazine
 Concen: 20.073 ng/ul
 RT: 16.55 min Scan# 2289
 Delta R.T. -0.00 min
 Lab File: BM013334.D
 Acq: 12 Dec 2017 11:34

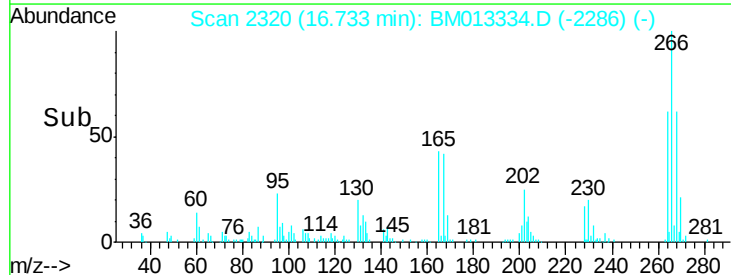
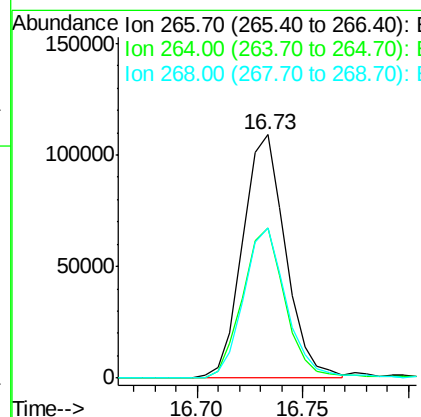
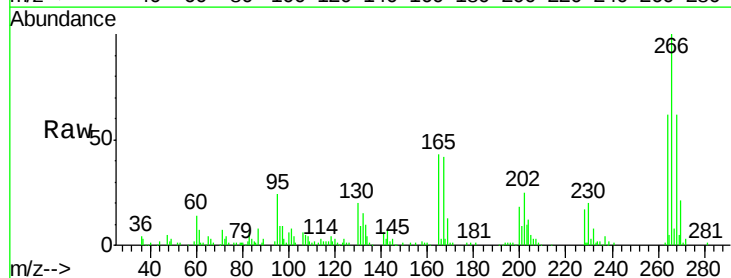
Instrument :
 BNA_M
 ClientSampleId :
 SST02099

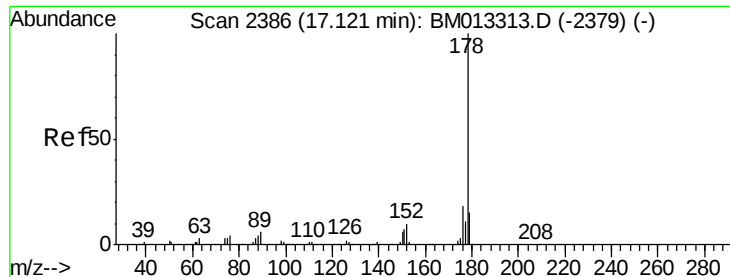
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.5	18.2	27.2#
215	51.8	35.0	52.4



#68
 Pentachlorophenol
 Concen: 18.732 ng/ul
 RT: 16.73 min Scan# 2320
 Delta R.T. -0.00 min
 Lab File: BM013334.D
 Acq: 12 Dec 2017 11:34

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.5	49.3	73.9
268	61.7	52.6	78.8





#69

Phenanthrene

Concen: 19.303 ng/ul

RT: 17.12 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

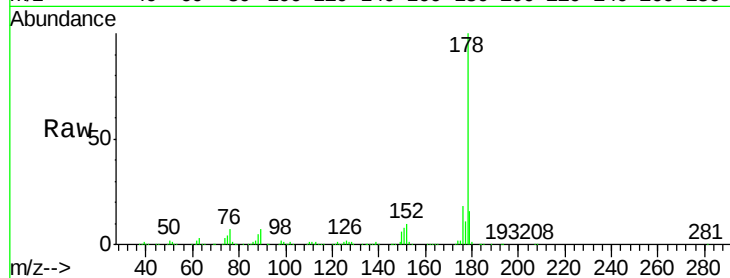
Tot Ion:178 Resp: 1199794

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

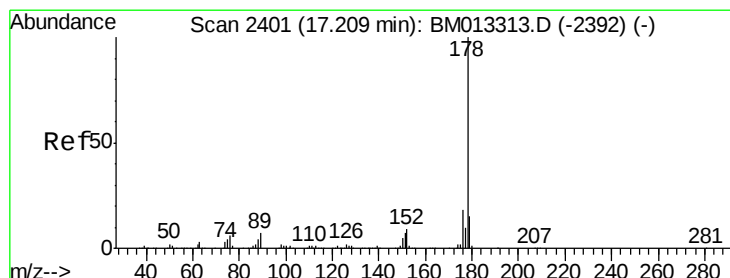
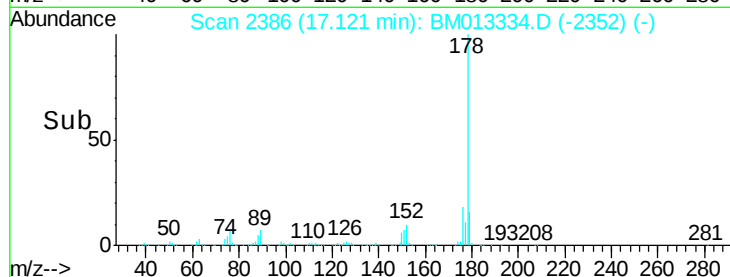
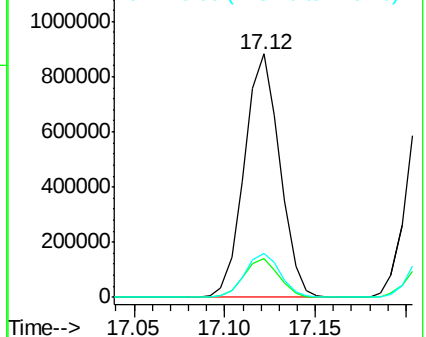
176 18.0 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.106 ng/ul

RT: 17.21 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

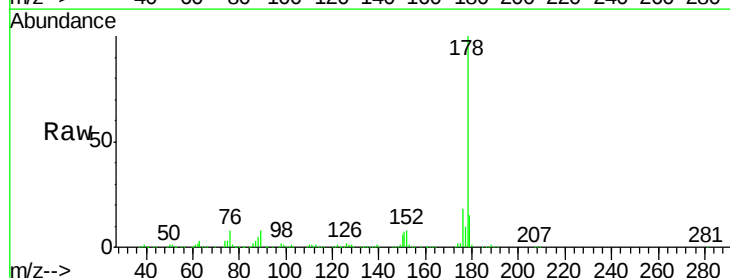
Tgt Ion:178 Resp: 1213857

Ion Ratio Lower Upper

178 100

179 14.9 11.7 17.5

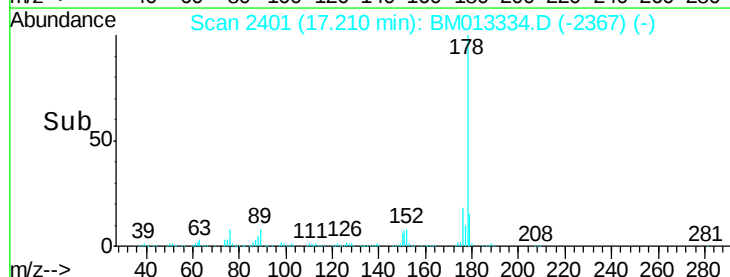
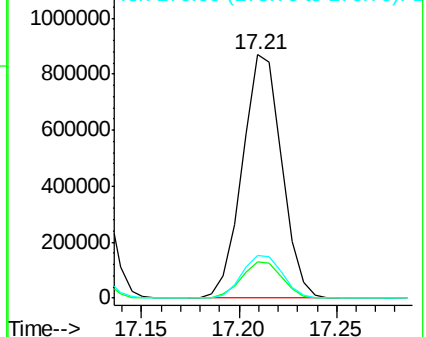
176 17.6 14.6 21.8

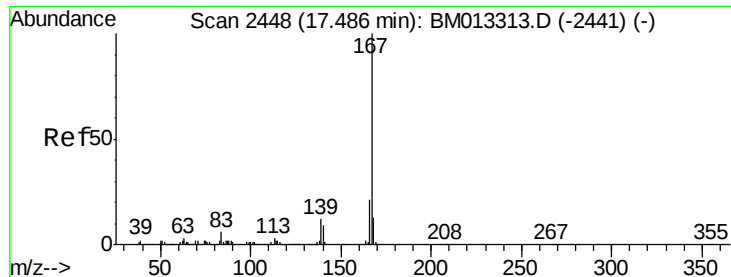


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.314 ng/ul

RT: 17.49 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

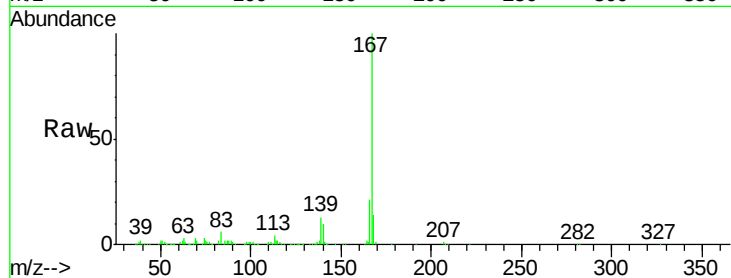
Tot Ion:167 Resp: 1055448

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

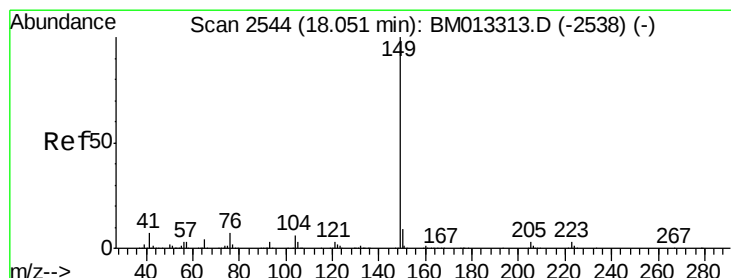
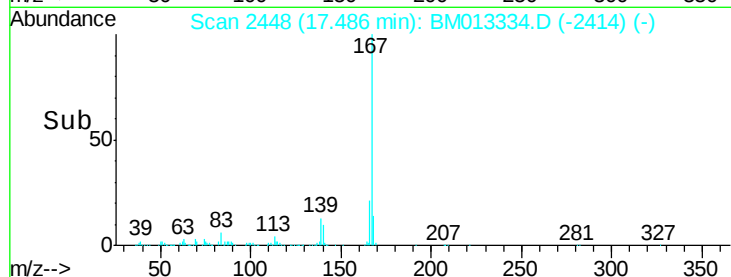
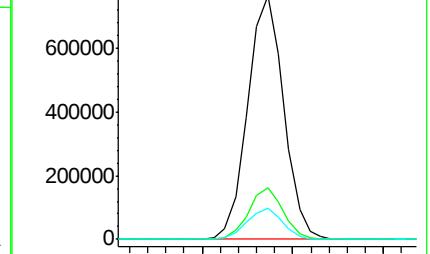
139 12.9 10.0 15.0



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



#73

Di-n-butylphthalate

Concen: 20.054 ng/ul

RT: 18.05 min Scan# 2544

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

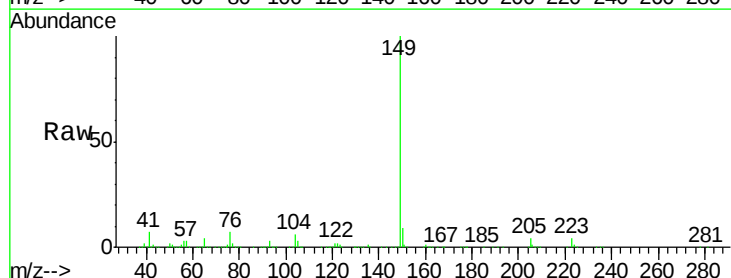
Tgt Ion:149 Resp: 1279359

Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

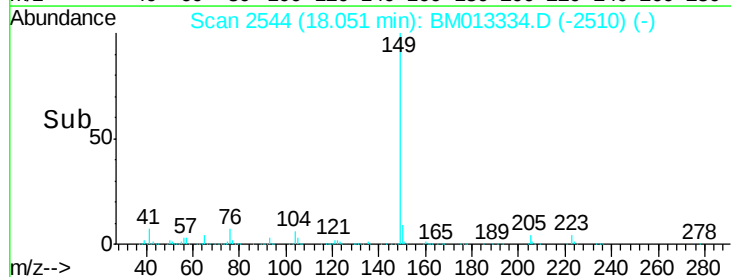
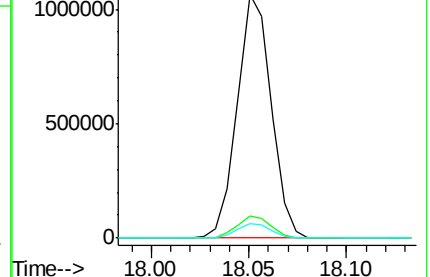
104 6.0 5.6 8.4

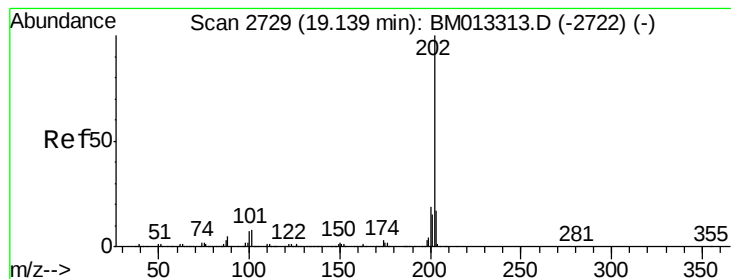


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.161 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

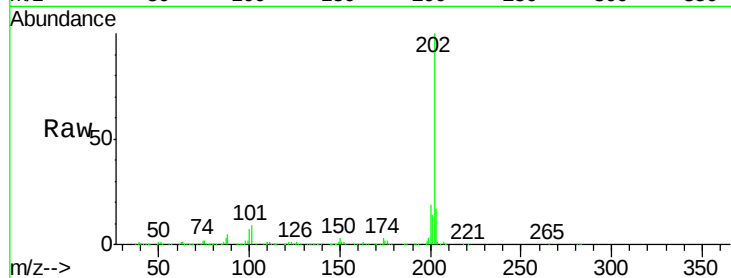
Tot Ion:202 Resp: 1459533

Ion Ratio Lower Upper

202 100

101 8.9 4.6 7.0#

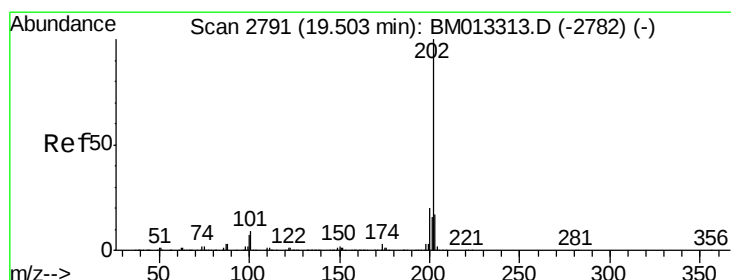
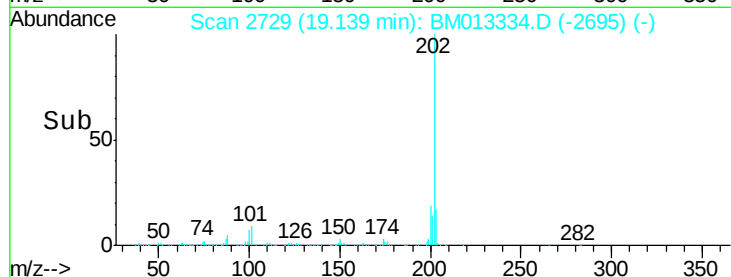
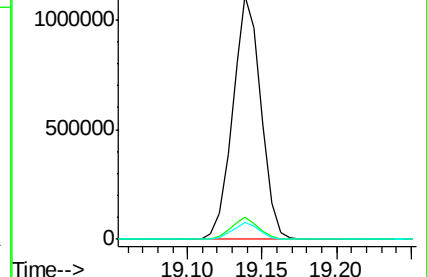
100 6.8 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 21.128 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

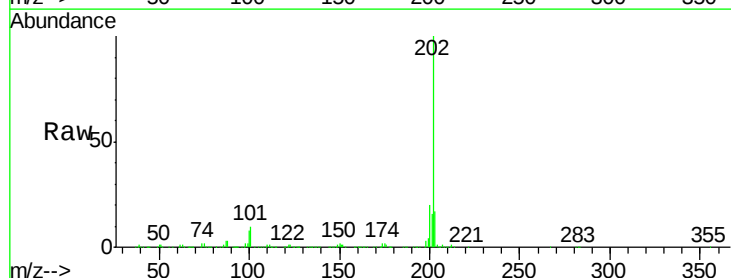
Tgt Ion:202 Resp: 1501471

Ion Ratio Lower Upper

202 100

101 9.5 5.1 7.7#

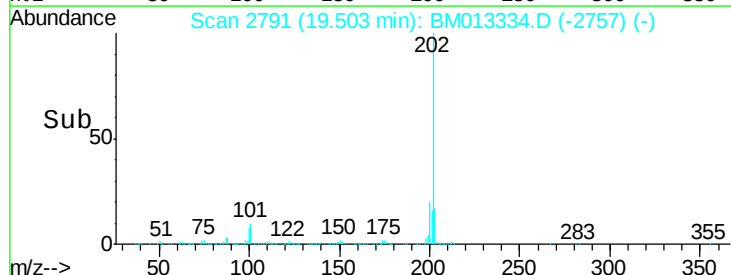
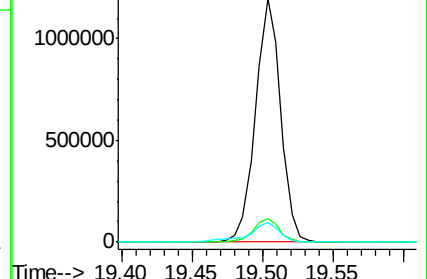
100 8.3 4.9 7.3#

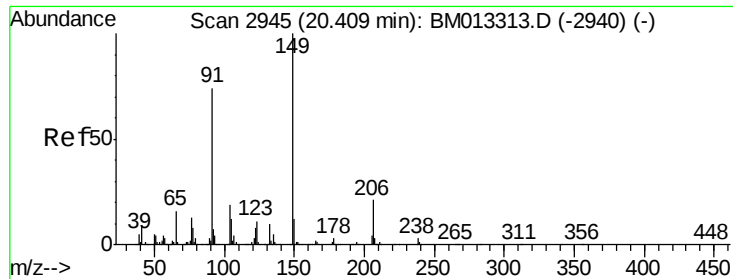


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

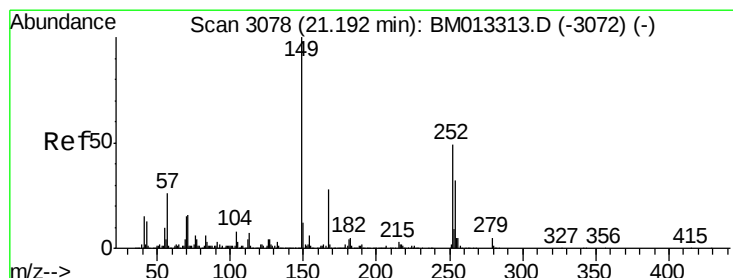
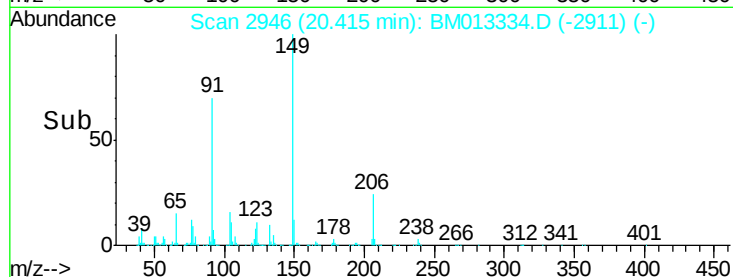
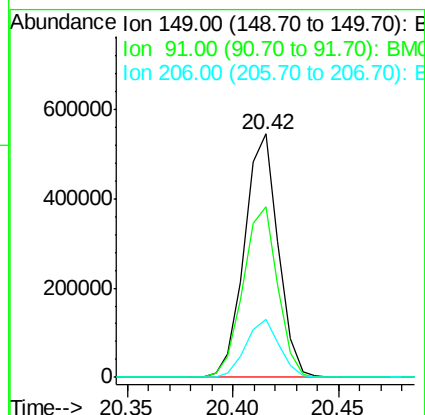
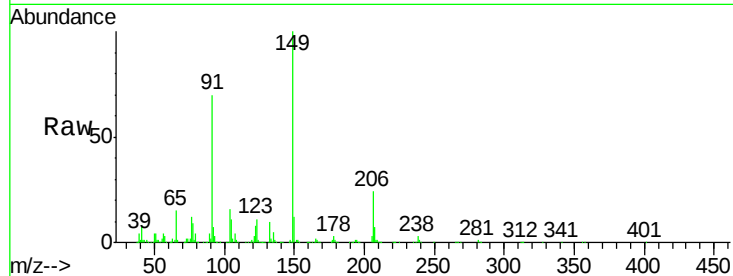




#78
Butylbenzylphthalate
Concen: 21.747 ng/ul
RT: 20.42 min Scan# 2946
Delta R.T. 0.01 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

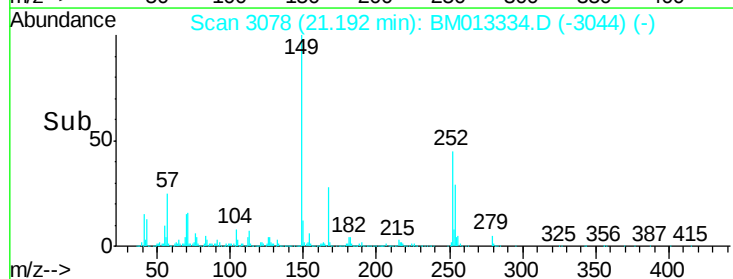
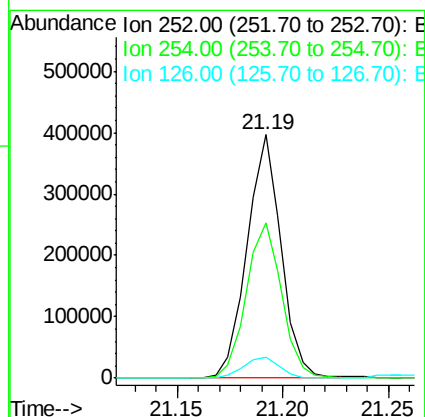
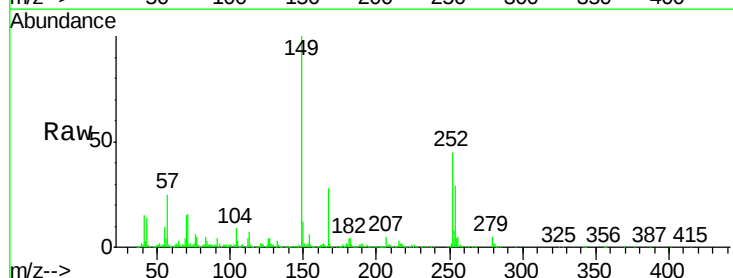
Instrument :
BNA_M
ClientSampleId :
SSTD02099

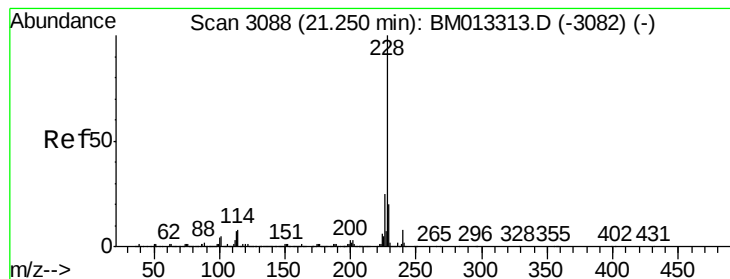
Tot Ion:149 Resp: 603849
Ion Ratio Lower Upper
149 100
91 70.1 62.7 94.1
206 23.7 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 18.030 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. -0.00 min
Lab File: BM013334.D
Acq: 12 Dec 2017 11:34

Tgt Ion:252 Resp: 443360
Ion Ratio Lower Upper
252 100
254 63.5 54.5 81.7
126 8.5 5.8 8.8





#80

Benzo(a)anthracene

Concen: 19.717 ng/ul

RT: 21.25 min Scan# 3088

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampled :

SSTD02099

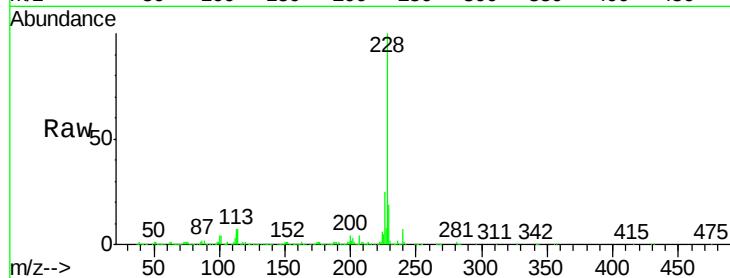
Tot Ion:228 Resp: 1463312

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.4	23.0
226	25.3	21.4	32.0

228 100

229 19.4 15.4 23.0

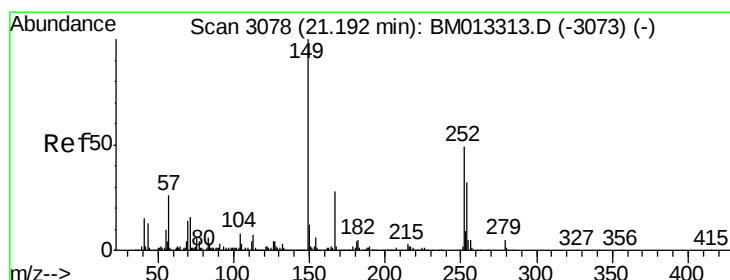
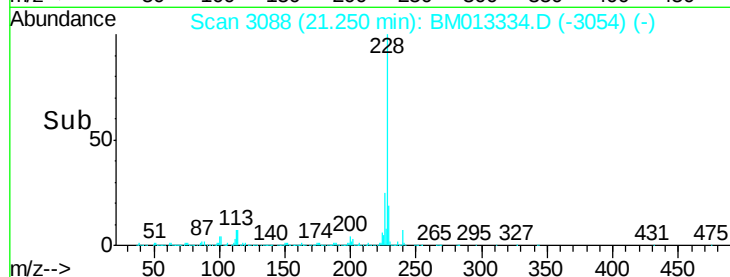
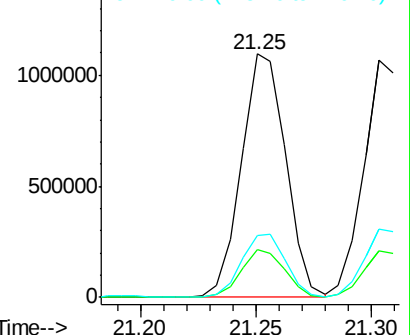
226 25.3 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

1500000 Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.980 ng/ul

RT: 21.19 min Scan# 3078

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

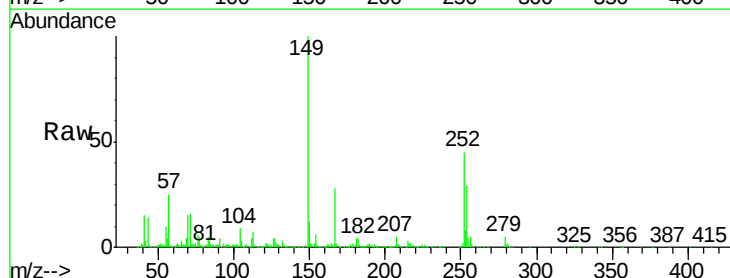
Tgt Ion:149 Resp: 878050

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.8	34.2
279	4.9	4.9	7.3

149 100

167 27.9 22.8 34.2

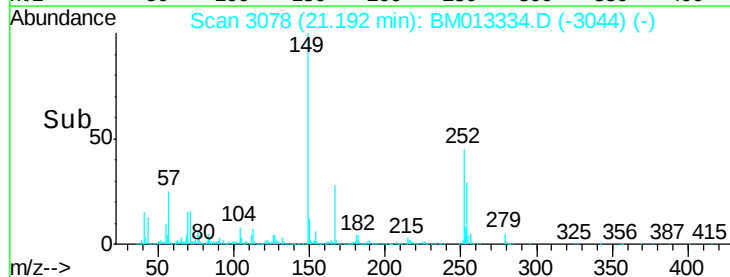
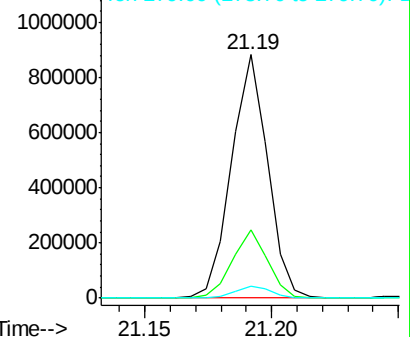
279 4.9 4.9 7.3

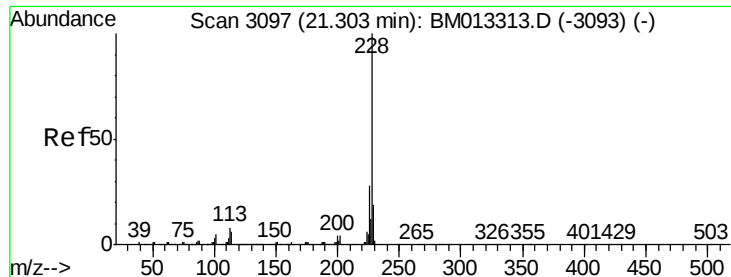


Abundance Ion 149.00 (148.70 to 149.70): E

1200000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.416 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

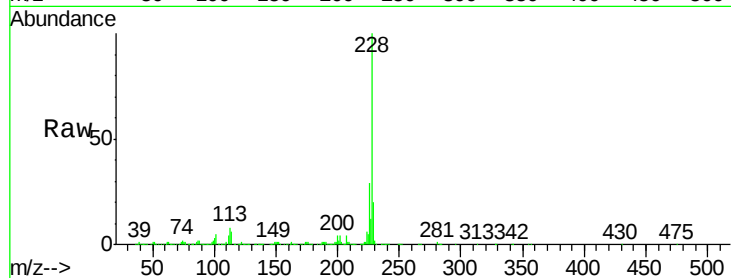
BNA_M

ClientSampleId :

SSTD02099

Tot Ion:228 Resp: 1336860

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	19.9	15.5	23.3

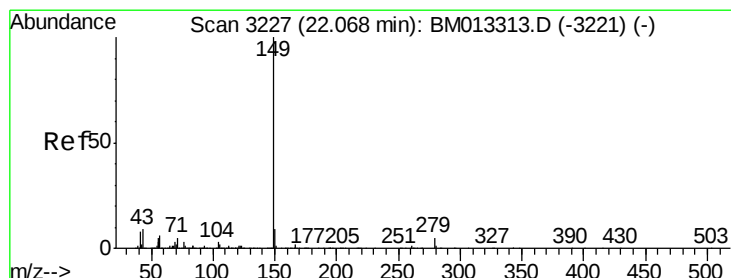
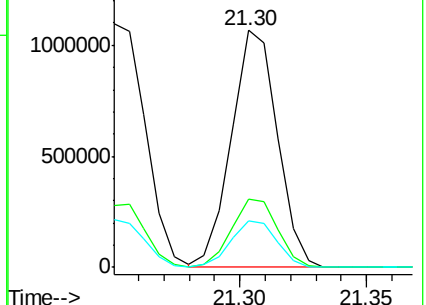
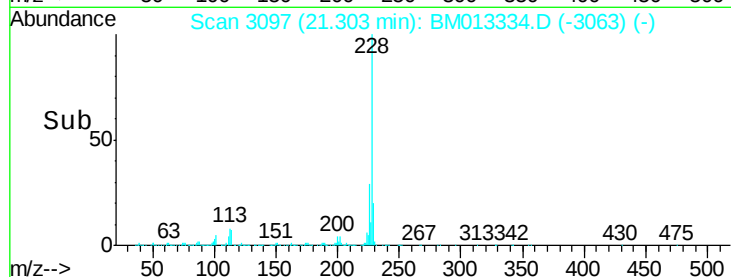


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 20.836 ng/ul

RT: 22.07 min Scan# 3227

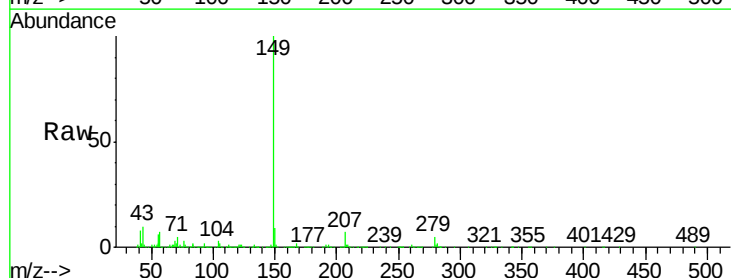
Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Tgt Ion:149 Resp: 1406327

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.7	7.3	10.9

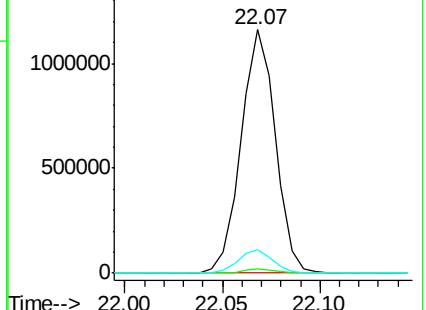
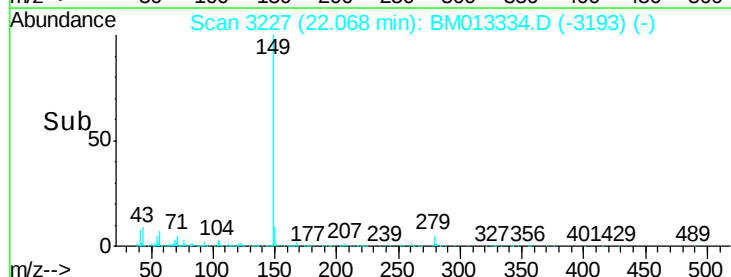


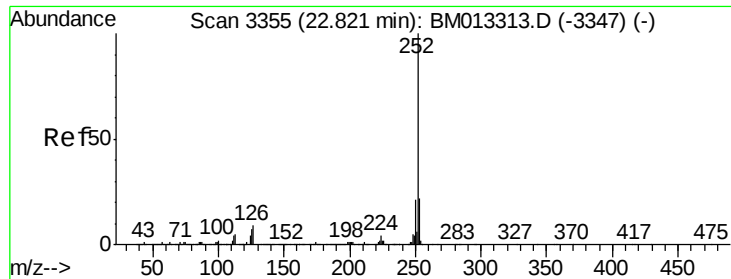
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 20.274 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

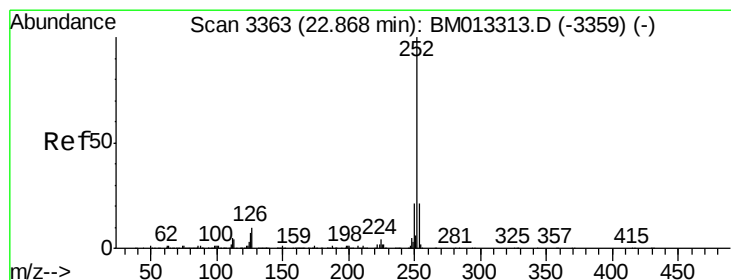
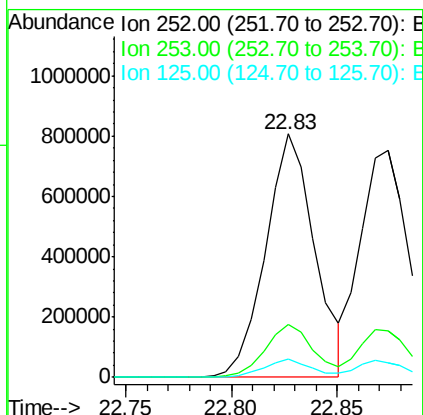
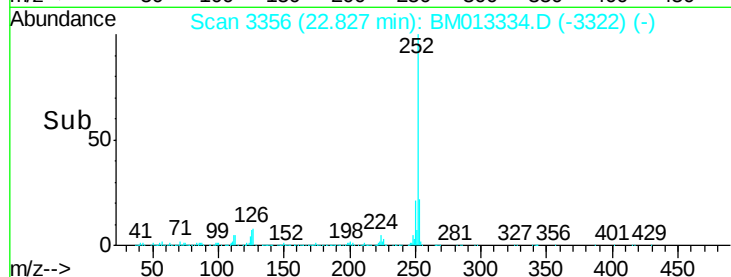
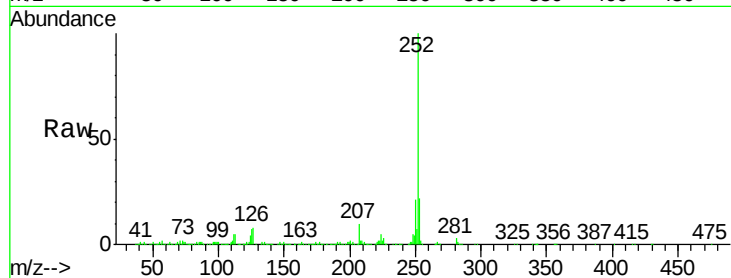
Tot Ion:252 Resp: 1297213

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 7.3 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 19.688 ng/ul

RT: 22.87 min Scan# 3364

Delta R.T. 0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

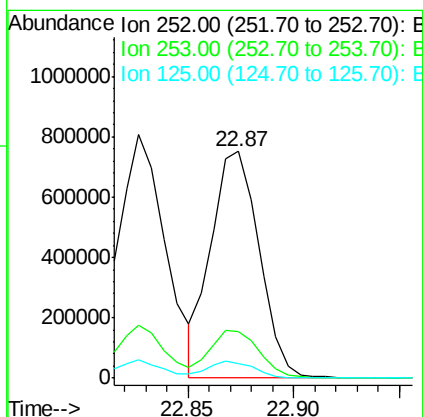
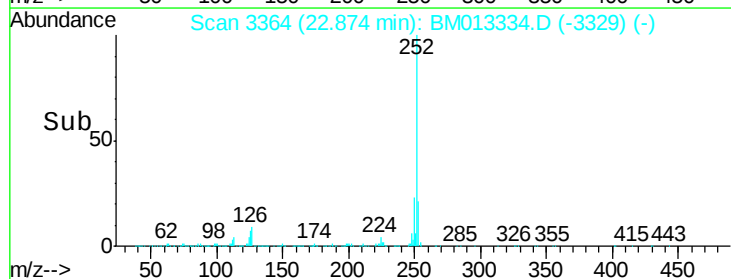
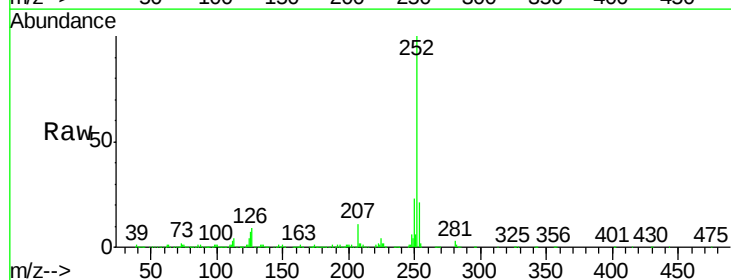
Tgt Ion:252 Resp: 1185517

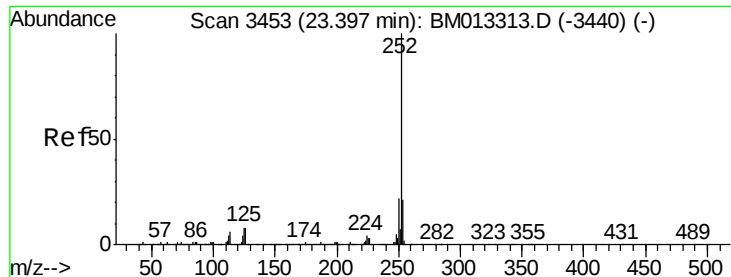
Ion Ratio Lower Upper

252 100

253 20.7 17.1 25.7

125 6.7 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 19.686 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.00 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

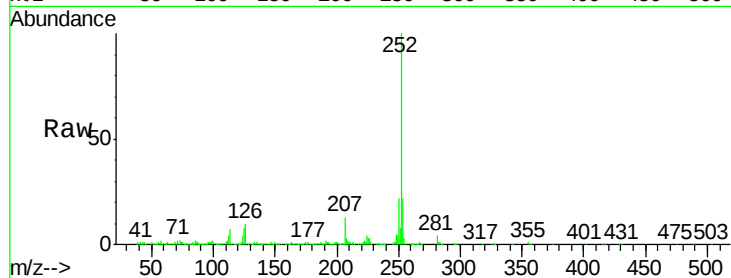
Tot Ion:252 Resp: 1131530

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

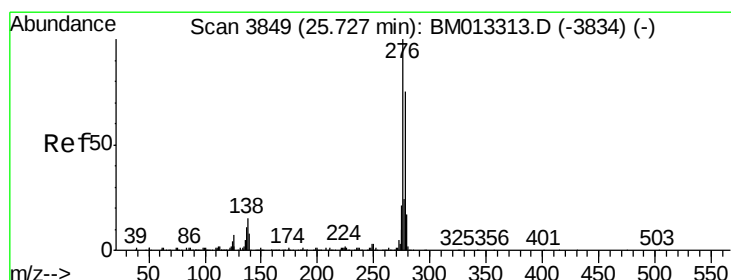
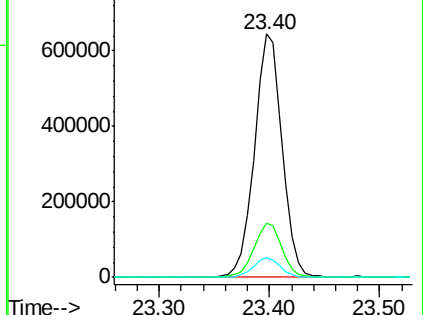
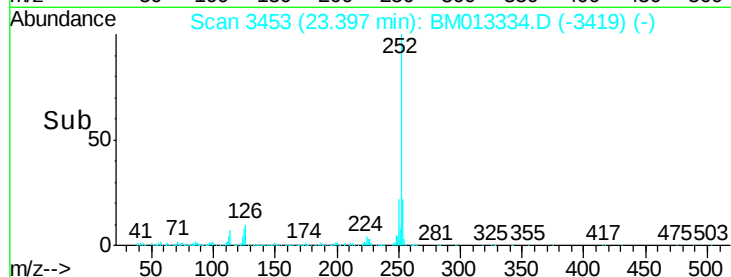
125 8.0 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.313 ng/ul

RT: 25.73 min Scan# 3850

Delta R.T. 0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

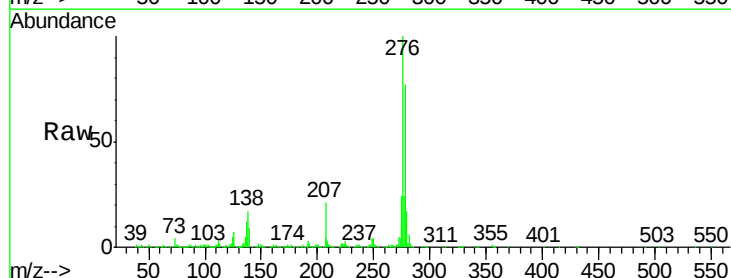
Tgt Ion:276 Resp: 1158446

Ion Ratio Lower Upper

276 100

138 17.5 9.3 13.9#

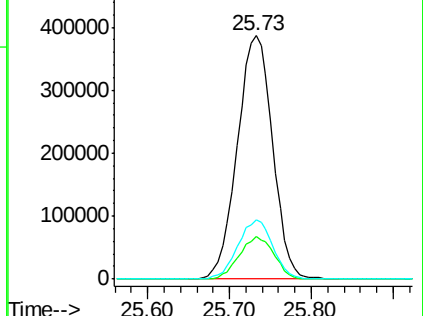
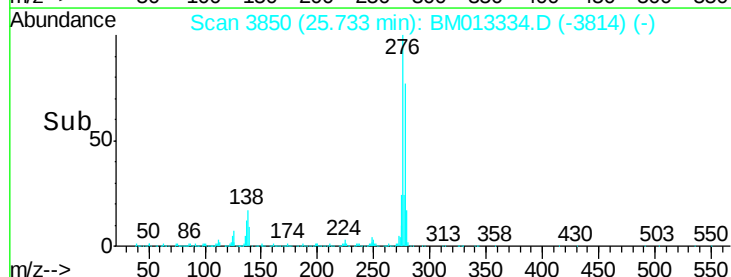
277 24.4 19.9 29.9

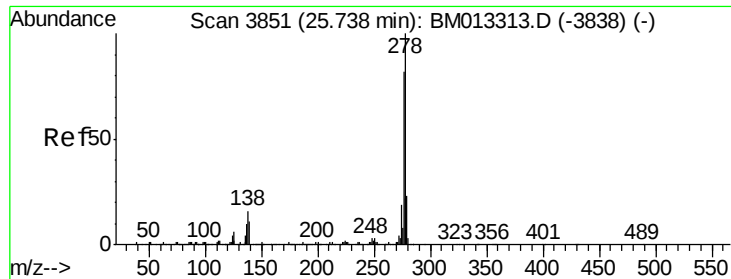


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.160 ng/ul

RT: 25.74 min Scan# 3852

Delta R.T. 0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

Instrument :

BNA_M

ClientSampleId :

SSTD02099

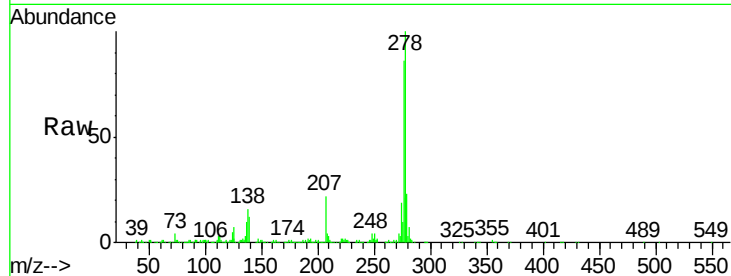
Tot Ion:278 Resp: 978998

Ion Ratio Lower Upper

278 100

139 11.6 5.8 8.8#

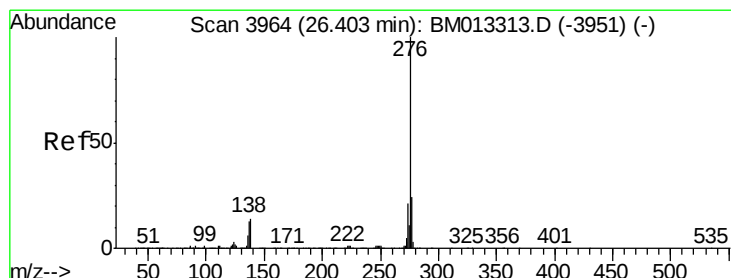
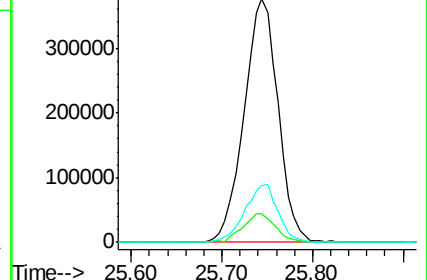
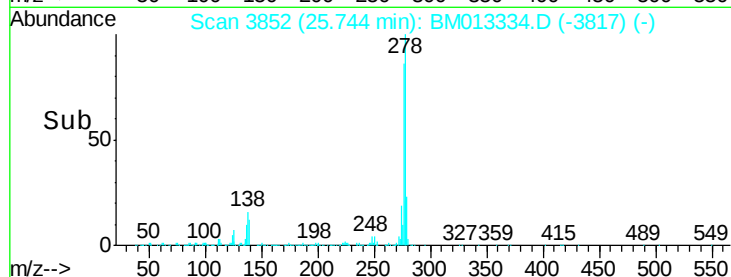
279 23.4 18.6 27.8



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



#91

Benzo(g,h,i)perylene

Concen: 20.628 ng/ul

RT: 26.41 min Scan# 3966

Delta R.T. 0.01 min

Lab File: BM013334.D

Acq: 12 Dec 2017 11:34

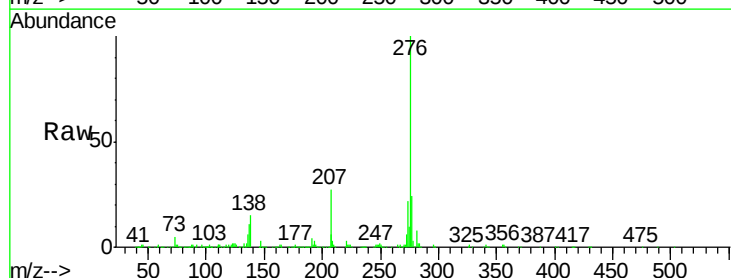
Tgt Ion:276 Resp: 927934

Ion Ratio Lower Upper

276 100

138 15.2 8.5 12.7#

277 24.3 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

