

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110117\
 Data File : BM012636.D
 Acq On : 01 Nov 2017 13:54
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02079

Quant Time: Nov 02 01:22:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 01 06:39:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	253779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1177885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	829862	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	2104284	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2705525	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	3148125	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	41909	8.43	ng/uL	0.00
5) Phenol-d5	7.02	99	458543	21.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	261814	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	349210	21.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	410530	22.66	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	183905	24.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	216521	28.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	434249	21.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	528800	24.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1498438	20.67	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1767003	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	266762	24.75	ng/ul	0.00
57) Fluorene-d10	15.47	176	1241530	20.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	273283	26.84	ng/ul	0.00
70) Anthracene-d10	17.32	188	2056703	20.51	ng/ul	0.00
76) Pyrene-d10	19.61	212	2420484	19.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2999602	20.06	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.37	88	44625	8.41	ng/uL#	63
4) Benzaldehyde	6.99	77	293867	25.49	ng/ul	92
6) Phenol	7.05	94	474900	21.51	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.27	93	346865	21.37	ng/ul	99
10) 2-Chlorophenol	7.41	128	354982	21.85	ng/ul	96
11) 2-Methylphenol	8.29	108	365322	21.95	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.38	45	392564	22.01	ng/ul#	84
14) Acetophenone	8.66	105	616560	21.66	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.65	70	339206	21.83	ng/ul#	63
16) 4-Methylphenol	8.62	108	413111	22.68	ng/ul	92
17) Hexachloroethane	8.92	117	138804	20.16	ng/ul	80
20) Nitrobenzene	9.04	77	458594	21.58	ng/ul	96
21) Isophorone	9.57	82	954713	21.23	ng/ul#	94
23) 2-Nitrophenol	9.75	139	231959	27.47	ng/ul#	77
24) 2,4-Dimethylphenol	9.82	107	487046	20.50	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.05	93	540288	21.38	ng/ul	95
27) 2,4-Dichlorophenol	10.29	162	423900	21.58	ng/ul#	91
28) Naphthalene	10.69	128	1209319	20.71	ng/ul	99
30) 4-Chloroaniline	10.79	127	535280	25.04	ng/ul	94
31) Hexachlorobutadiene	10.97	225	274856	18.24	ng/ul	95
32) Caprolactam	11.57	113	167889	26.39	ng/ul#	34
33) 4-Chloro-3-methylphenol	11.92	107	485608	22.01	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	981368	20.69	ng/ul	97

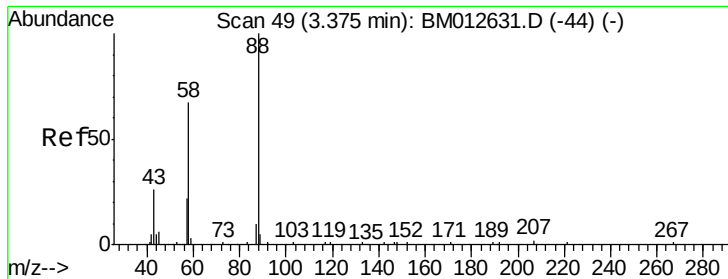
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	568129	19.33	ng/ul	97
37) Hexachlorocyclopentadiene	12.65	237	217285	11.45	ng/ul	97
38) 2,4,6-Trichlorophenol	12.91	196	407471	23.16	ng/ul	97
39) 2,4,5-Trichlorophenol	12.99	196	427251	22.91	ng/ul	97
40) 1,1'-Biphenyl	13.31	154	1367825	20.66	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	1064107	20.49	ng/ul	99
42) 2-Nitroaniline	13.56	65	330962	27.40	ng/ul	90
44) Dimethylphthalate	13.93	163	1492560	20.81	ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	314917	27.63	ng/ul#	85
47) Acenaphthylene	14.20	152	1705130	20.83	ng/ul	99
48) 3-Nitroaniline	14.38	138	298648	27.97	ng/ul	90
49) Acenaphthene	14.54	153	1156219	20.63	ng/ul	98
50) 2,4-Dinitrophenol	14.60	184	172816	27.02	ng/ul	88
52) 4-Nitrophenol	14.70	109	230713	21.10	ng/ul	81
53) Dibenzofuran	14.87	168	1708990	20.60	ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	461873	27.06	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.10	232	415560	24.07	ng/ul#	96
56) Diethylphthalate	15.30	149	1495403	20.46	ng/ul	96
58) Fluorene	15.53	166	1440142	20.53	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	756190	19.81	ng/ul	97
60) 4-Nitroaniline	15.54	138	324882	24.27	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.62	198	296606	26.48	ng/ul#	85
64) N-Nitrosodiphenylamine	15.73	169	1278081	20.90	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	510309	20.24	ng/ul	98
66) Hexachlorobenzene	16.53	284	587107	21.06	ng/ul	98
67) Atrazine	16.69	200	546254	20.77	ng/ul	92
68) Pentachlorophenol	16.87	266	346818	22.74	ng/ul	96
69) Phenanthrene	17.26	178	2346672	20.62	ng/ul	99
71) Anthracene	17.35	178	2472006	21.02	ng/ul	99
72) Carbazole	17.62	167	2138424	21.95	ng/ul	99
74) Fluoranthene	19.27	202	3013839	23.37	ng/ul#	91
77) Pyrene	19.64	202	3139983	20.41	ng/ul#	91
78) Butylbenzylphthalate	20.53	149	1308958	21.59	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.32	252	1124162	18.93	ng/ul	96
80) Benzo(a)anthracene	21.38	228	3377032	20.84	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	1949906	21.14	ng/ul	99
82) Chrysene	21.43	228	3028517	21.02	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	3465839	21.22	ng/ul	98
85) Benzo(b)fluoranthene	23.00	252	3909688	20.09	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	3546029	19.36	ng/ul#	97
88) Benzo(a)pyrene	23.60	252	3704507	19.97	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.03	276	4568078	20.92	ng/ul#	94
90) Dibenzo(a,h)anthracene	26.04	278	3836544	20.72	ng/ul#	97
91) Benzo(g,h,i)perylene	26.74	276	3702074	20.92	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 8.41 ng/uL

RT: 3.37 min Scan# 48

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

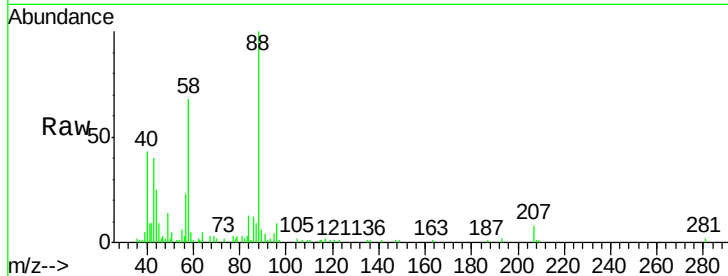
Tot Ion: 88 Resp: 44625

Ion Ratio Lower Upper

88 100

43 27.1 48.0 72.0#

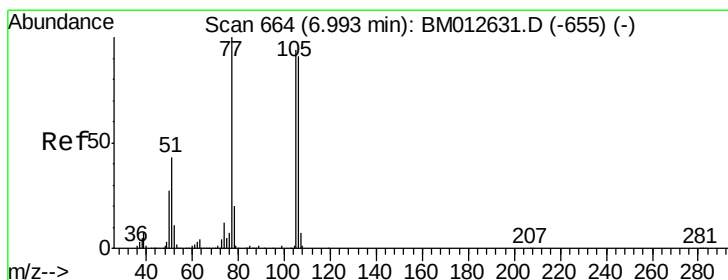
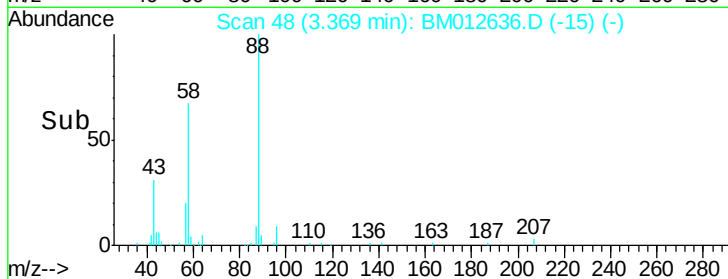
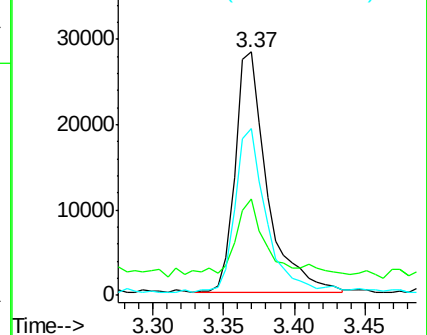
58 66.7 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM012631.D (-44) (-)

Ion 43.00 (42.70 to 43.70): BM012631.D (-44) (-)

Ion 58.00 (57.70 to 58.70): BM012631.D (-44) (-)



#4

Benzaldehyde

Concen: 25.49 ng/uL

RT: 6.99 min Scan# 663

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

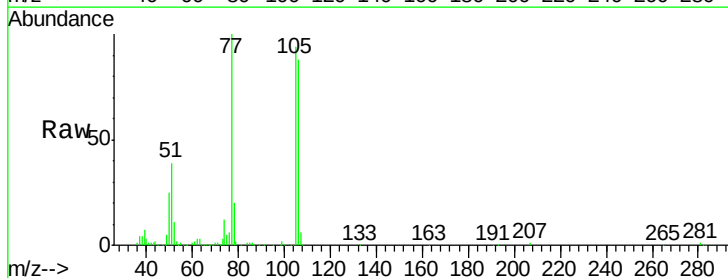
Tgt Ion: 77 Resp: 293867

Ion Ratio Lower Upper

77 100

105 94.1 66.1 99.1

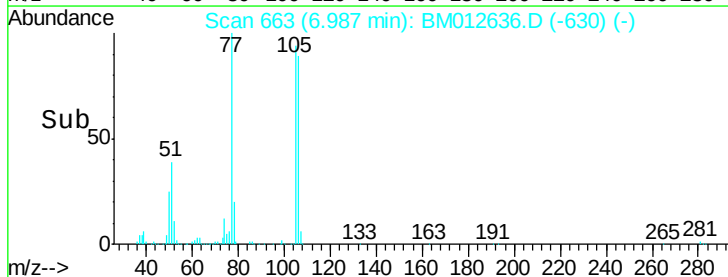
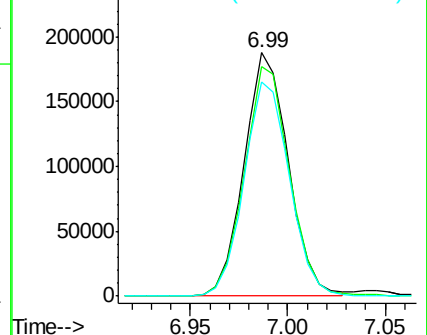
106 88.2 67.8 101.6

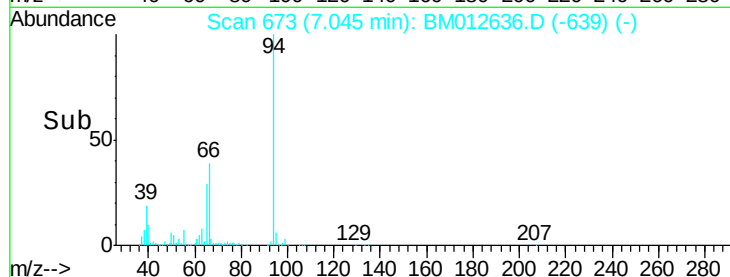
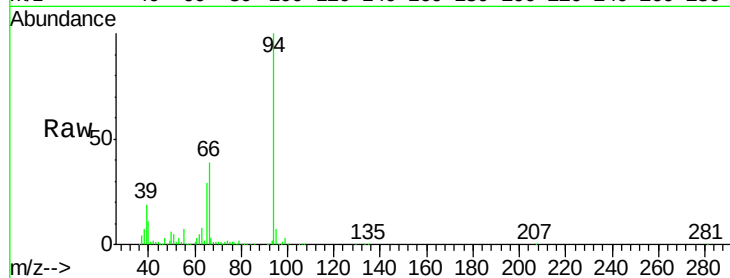
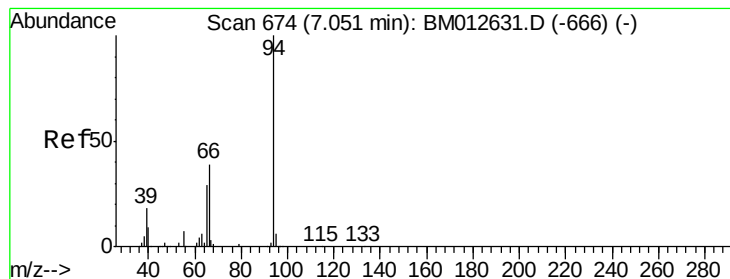


Abundance Ion 77.00 (76.70 to 77.70): BM012631.D (-655) (-)

Ion 105.00 (104.70 to 105.70): BM012631.D (-655) (-)

Ion 106.00 (105.70 to 106.70): BM012631.D (-655) (-)





#6

Phenol

Concen: 21.51 ng/ul

RT: 7.05 min Scan# 673

Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

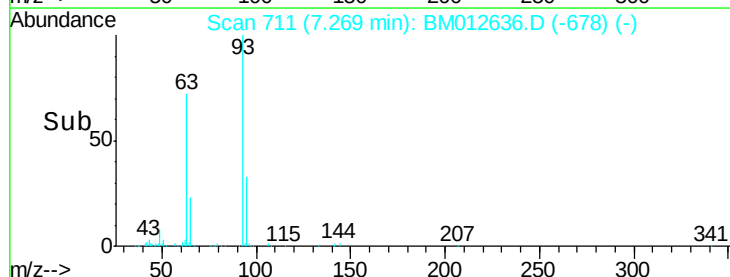
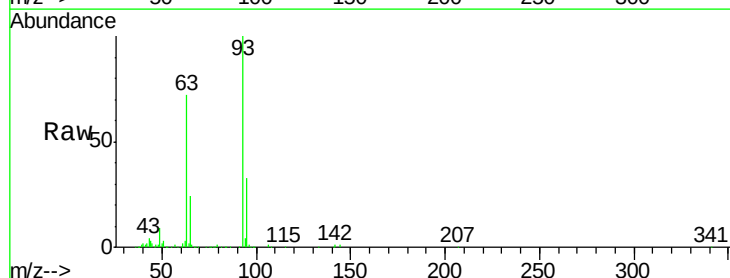
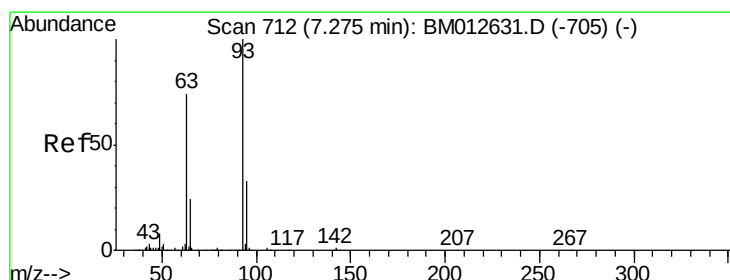
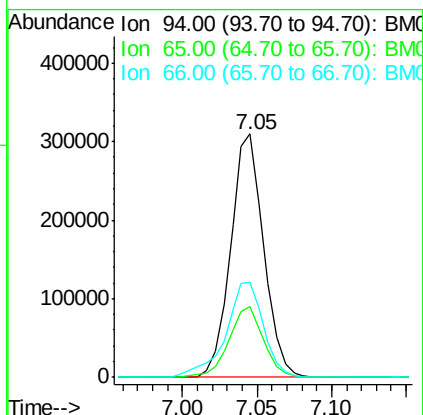
Tot Ion: 94 Resp: 474900

Ion Ratio Lower Upper

94 100

65 29.3 28.2 42.4

66 39.0 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 21.37 ng/ul

RT: 7.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

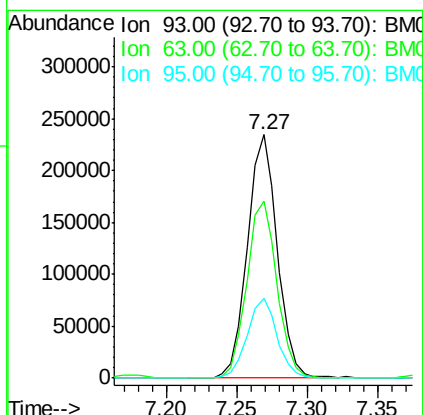
Tgt Ion: 93 Resp: 346865

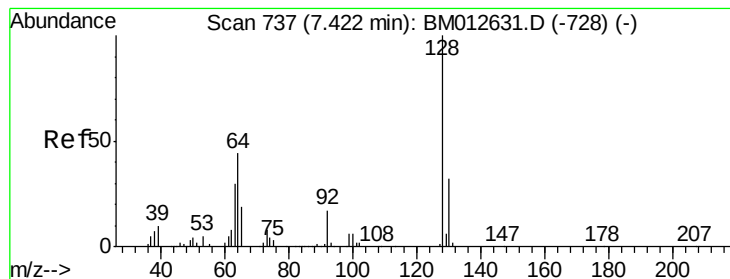
Ion Ratio Lower Upper

93 100

63 72.5 57.3 85.9

95 32.8 26.6 39.8





#10

2-Chlorophenol

Concen: 21.85 ng/ul

RT: 7.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

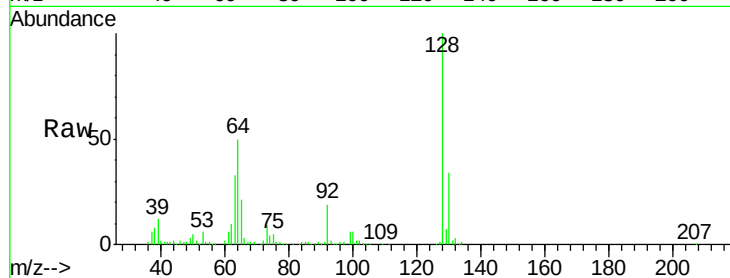
Tot Ion:128 Resp: 354982

Ion Ratio Lower Upper

128 100

64 49.8 38.0 57.0

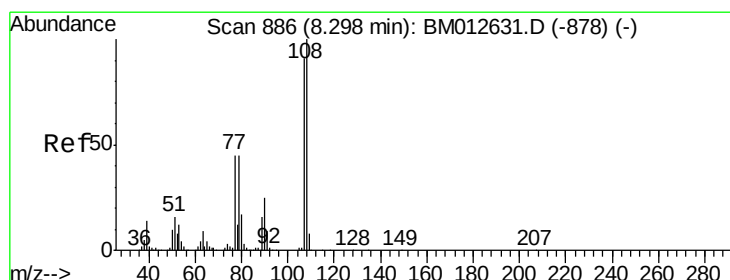
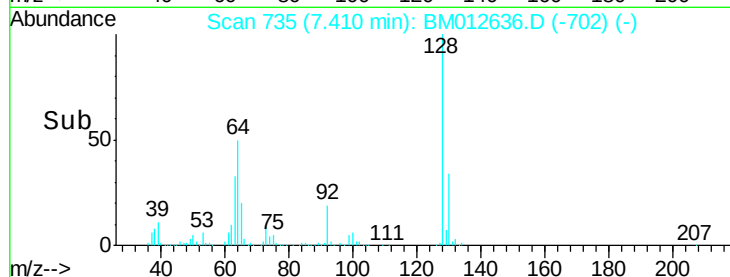
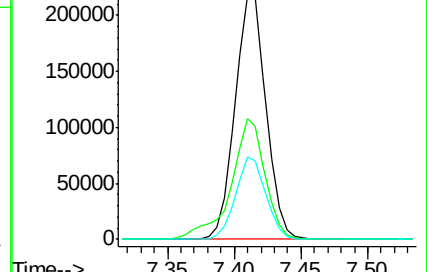
130 33.8 24.4 36.6



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: 21.95 ng/ul

RT: 8.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BM012636.D

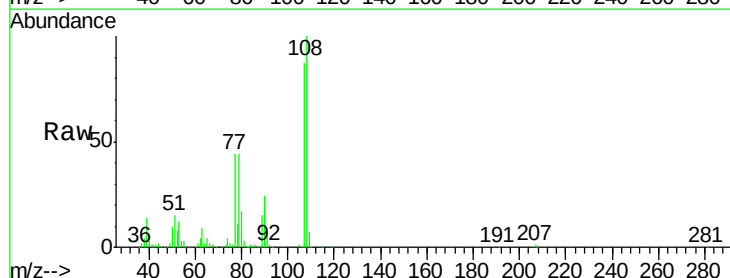
Acq: 01 Nov 2017 13:54

Tgt Ion:108 Resp: 365322

Ion Ratio Lower Upper

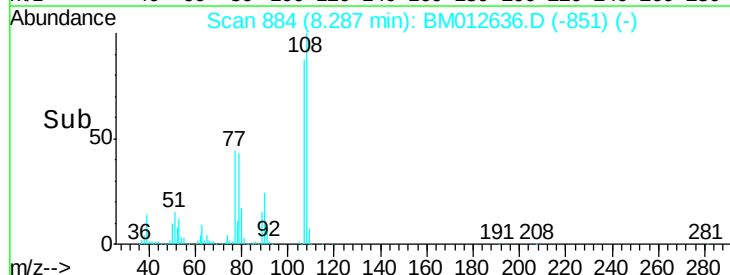
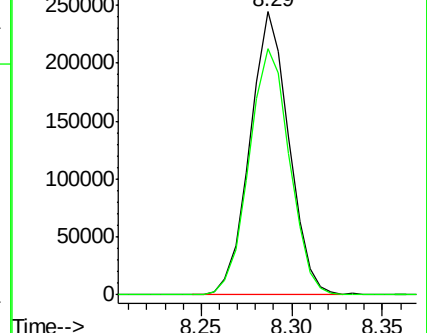
108 100

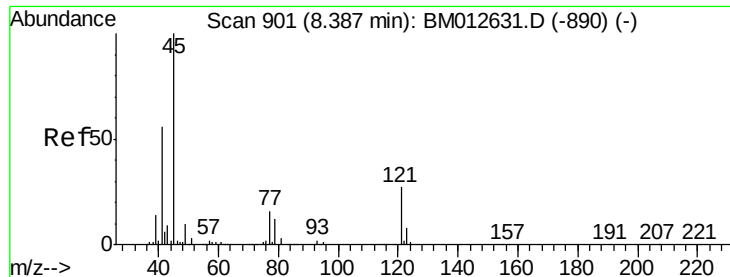
107 86.8 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 22.01 ng/ul

RT: 8.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampled :

SSTD02079

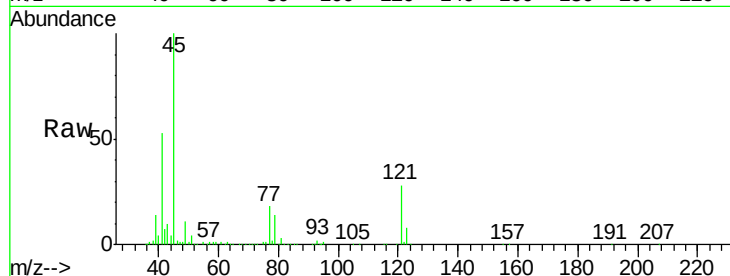
Tot Ion: 45 Resp: 392564

Ion Ratio Lower Upper

45 100

77 18.3 8.0 12.0#

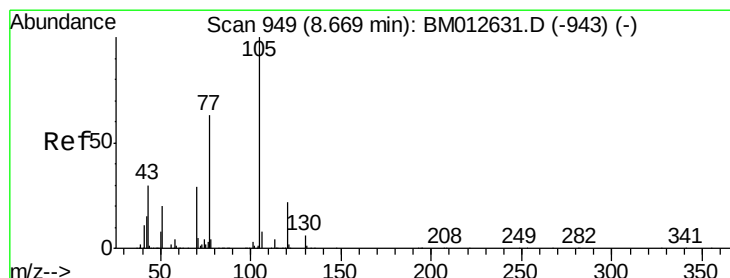
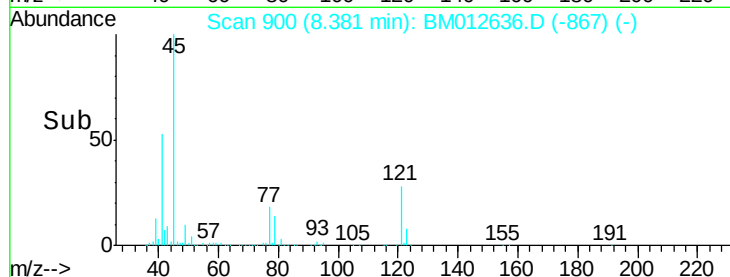
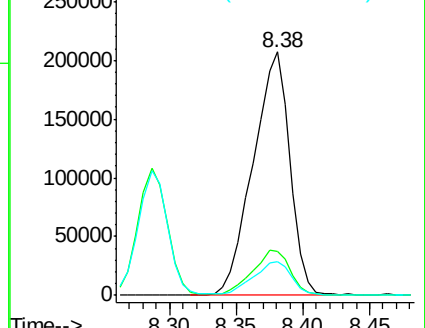
79 13.9 8.0 12.0#



Abundance Ion 45.00 (44.70 to 45.70): BM012631.D (-890) (-)

Ion 77.00 (76.70 to 77.70): BM012631.D (-890) (-)

Ion 79.00 (78.70 to 79.70): BM012631.D (-890) (-)



#14

Acetophenone

Concen: 21.66 ng/ul

RT: 8.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

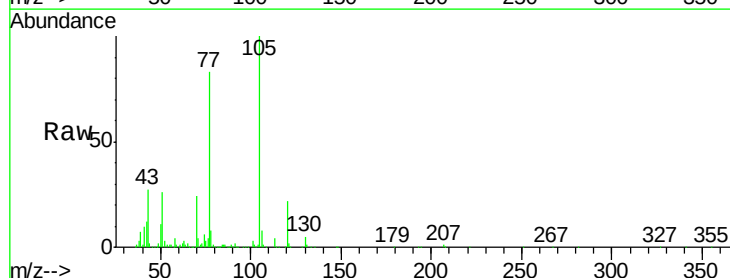
Tgt Ion: 105 Resp: 616560

Ion Ratio Lower Upper

105 100

77 82.5 74.2 111.4

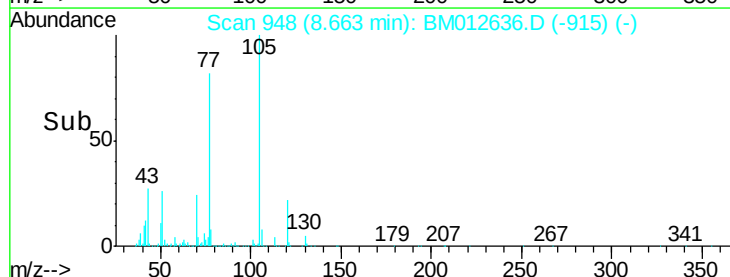
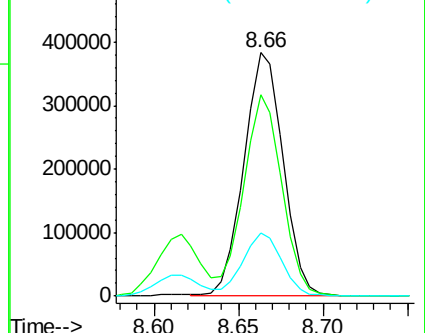
51 26.0 23.4 35.2

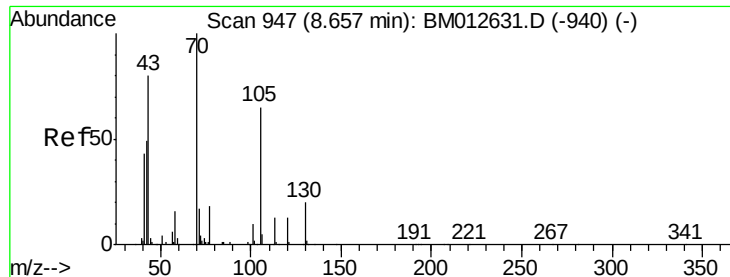


Abundance Ion 105.00 (104.70 to 105.70): BM012631.D (-943) (-)

Ion 77.00 (76.70 to 77.70): BM012631.D (-943) (-)

Ion 51.00 (50.70 to 51.70): BM012631.D (-943) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 21.83 ng/ul

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

Tot Ion: 70 Resp: 339206

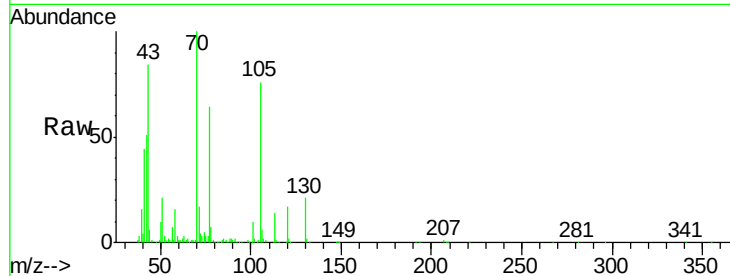
Ion Ratio Lower Upper

70 100

42 50.8 76.0 114.0#

101 9.7 6.7 10.1

130 20.9 14.6 22.0

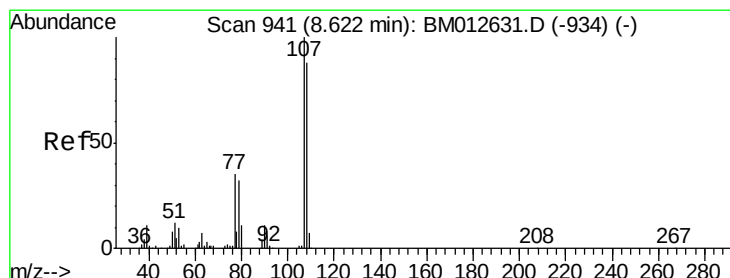
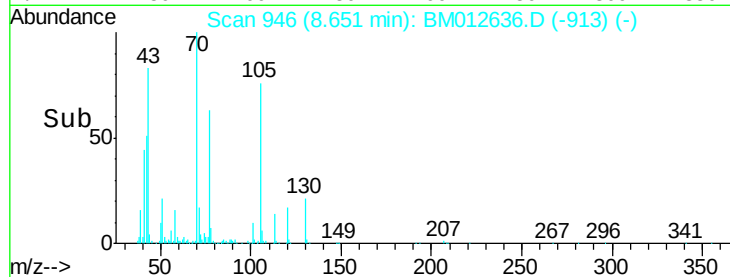
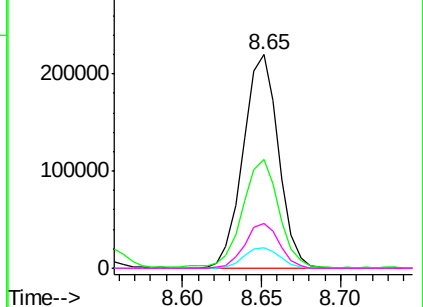


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 22.68 ng/ul

RT: 8.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BM012636.D

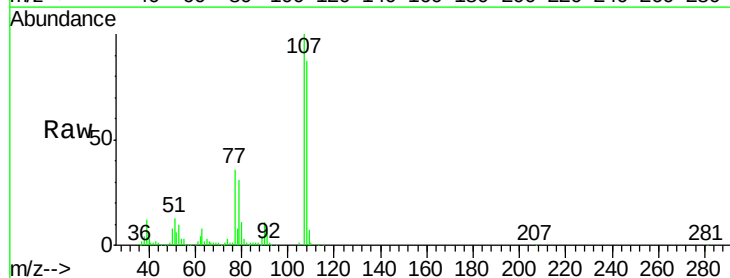
Acq: 01 Nov 2017 13:54

Tgt Ion: 108 Resp: 413111

Ion Ratio Lower Upper

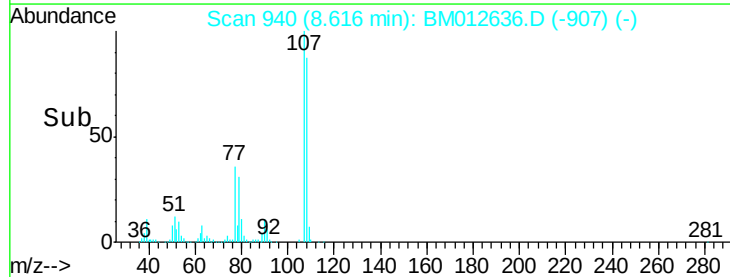
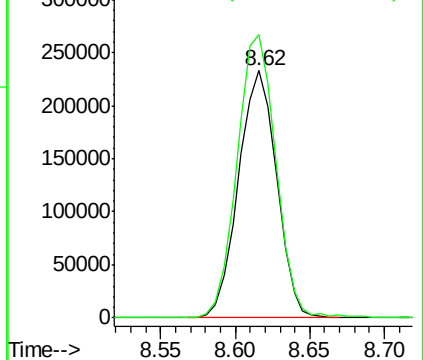
108 100

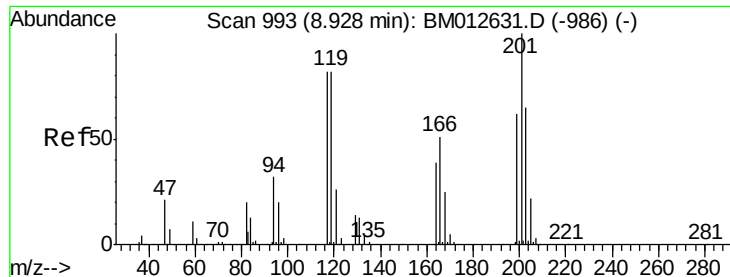
107 114.5 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

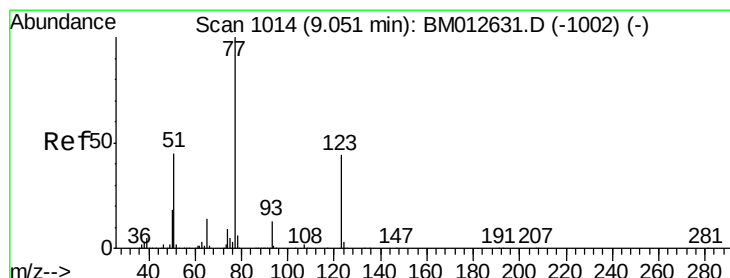
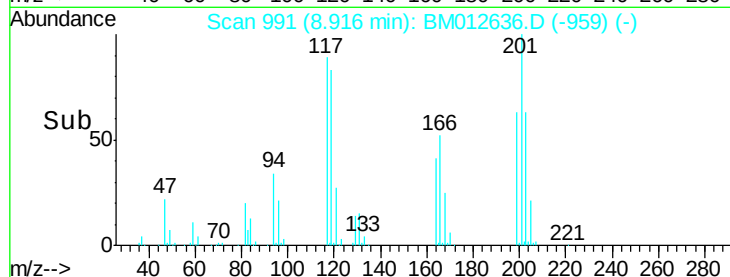
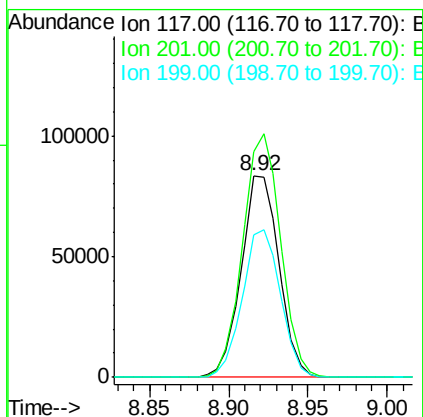
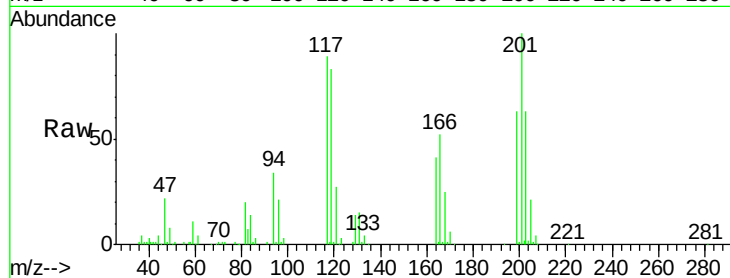




#17
Hexachloroethane
Concen: 20.16 ng/ul
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

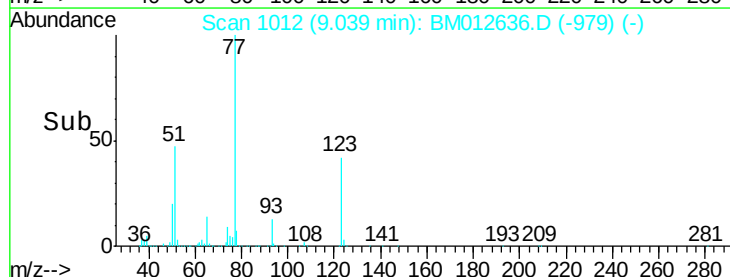
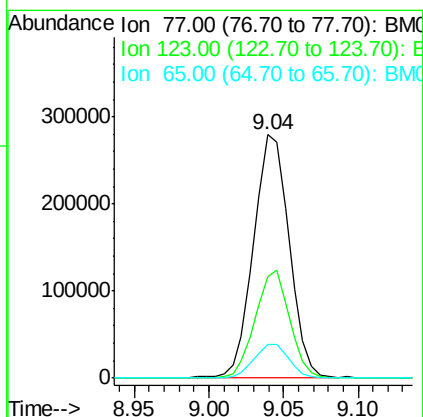
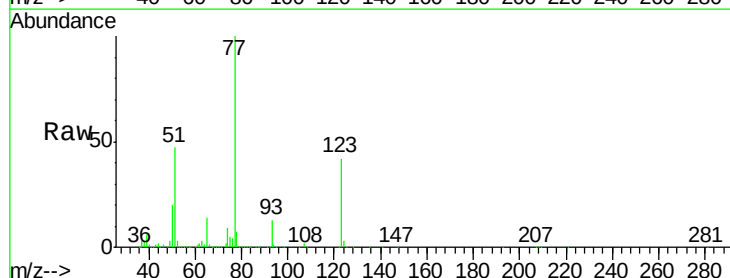
Instrument :
BNA_M
ClientSampleId :
SSTD02079

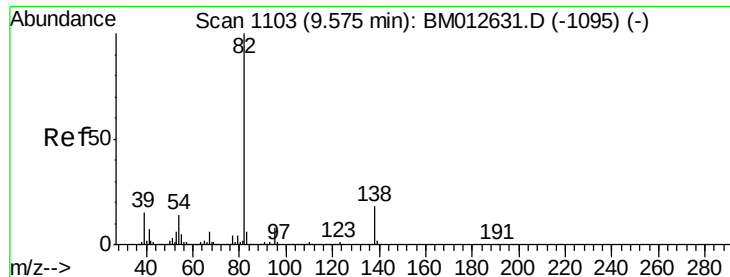
Tot Ion:117 Resp: 138804
Ion Ratio Lower Upper
117 100
201 112.1 111.6 167.4
199 70.5 67.8 101.6



#20
Nitrobenzene
Concen: 21.58 ng/ul
RT: 9.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Tgt Ion: 77 Resp: 458594
Ion Ratio Lower Upper
77 100
123 41.6 31.0 46.6
65 13.7 12.2 18.2





#21

Isophorone

Concen: 21.23 ng/ul

RT: 9.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

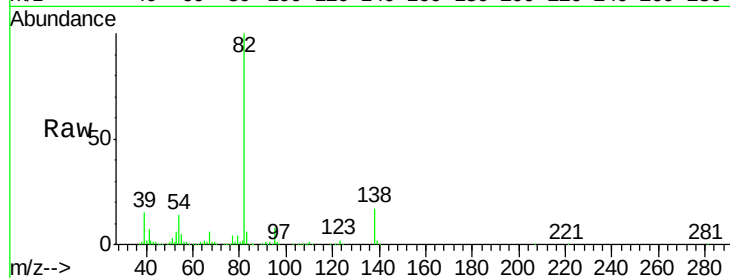
Tot Ion: 82 Resp: 954713

Ion Ratio Lower Upper

82 100

95 7.7 7.8 11.8#

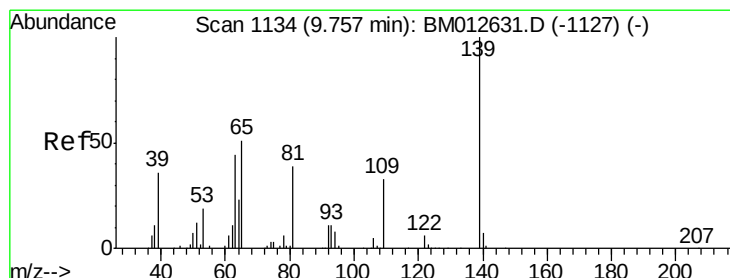
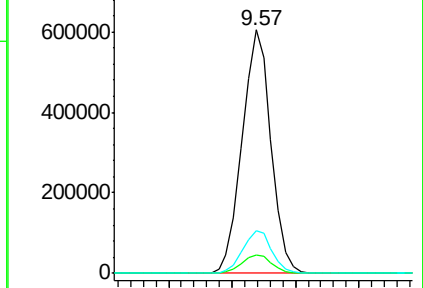
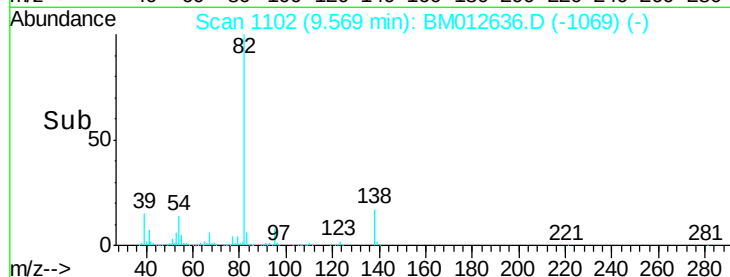
138 17.4 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM012636.D (-1095) (-)

Ion 95.00 (94.70 to 95.70): BM012636.D (-1095) (-)

Ion 138.00 (137.70 to 138.70): BM012636.D (-1095) (-)



#23

2-Nitrophenol

Concen: 27.47 ng/ul

RT: 9.75 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

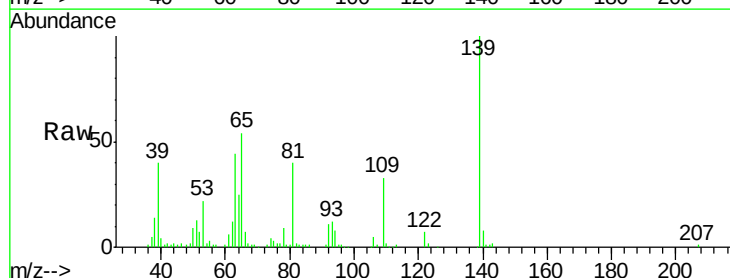
Tgt Ion: 139 Resp: 231959

Ion Ratio Lower Upper

139 100

65 54.5 55.4 83.0#

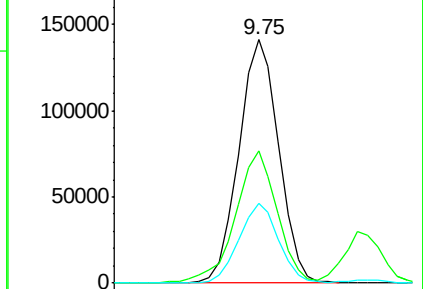
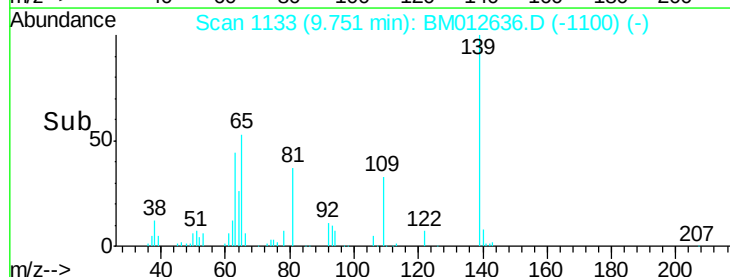
109 32.6 42.2 63.2#

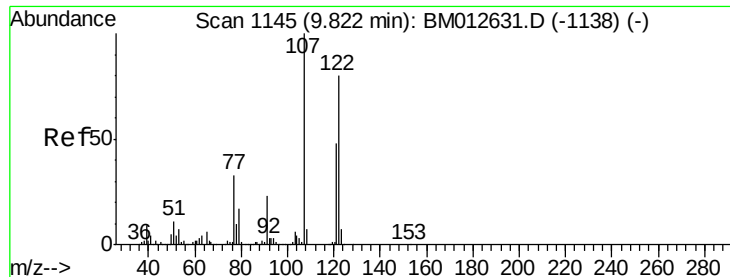


Abundance Ion 139.00 (138.70 to 139.70): BM012636.D (-1100) (-)

Ion 65.00 (64.70 to 65.70): BM012636.D (-1100) (-)

Ion 109.00 (108.70 to 109.70): BM012636.D (-1100) (-)

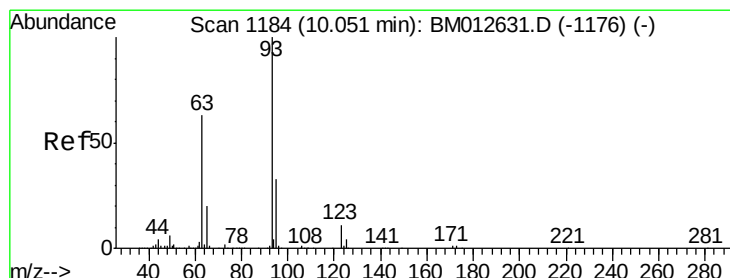
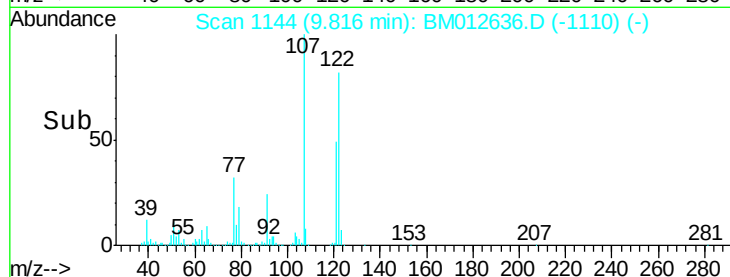
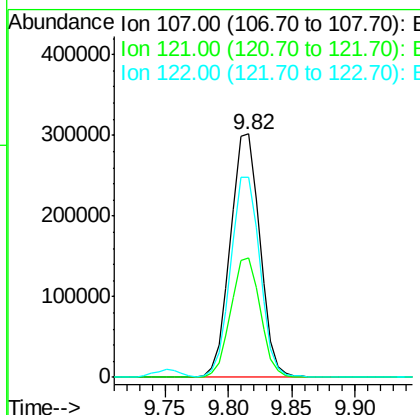
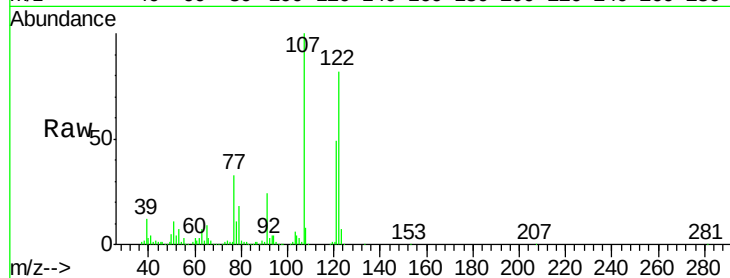




#24
 2,4-Dimethylphenol
 Concen: 20.50 ng/ul
 RT: 9.82 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BM012636.D
 Acq: 01 Nov 2017 13:54

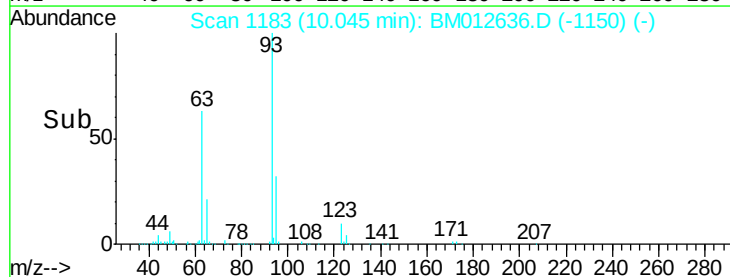
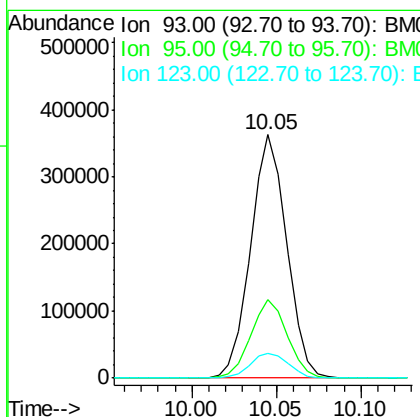
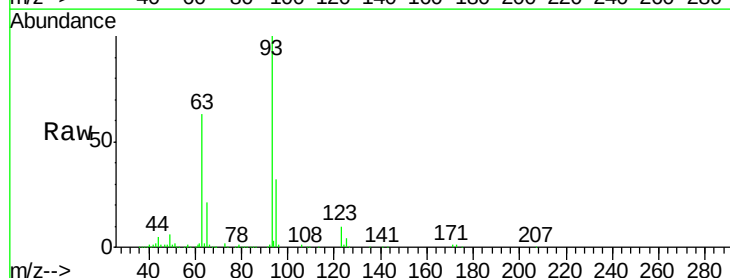
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02079

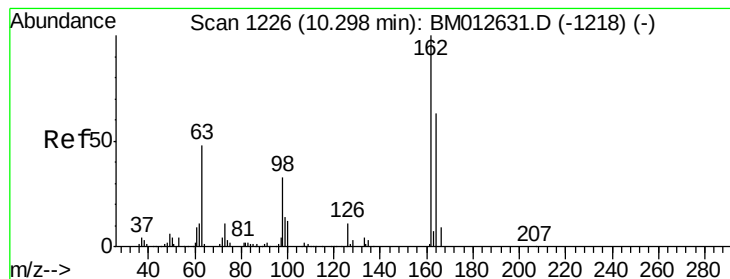
Tot Ion	Ratio	Lower	Upper
107	100		
121	49.2	31.9	47.9#
122	82.3	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 21.38 ng/ul
 RT: 10.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BM012636.D
 Acq: 01 Nov 2017 13:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	28.5	42.7
123	10.3	8.9	13.3





#27

2,4-Dichlorophenol

Concen: 21.58 ng/ul

RT: 10.29 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

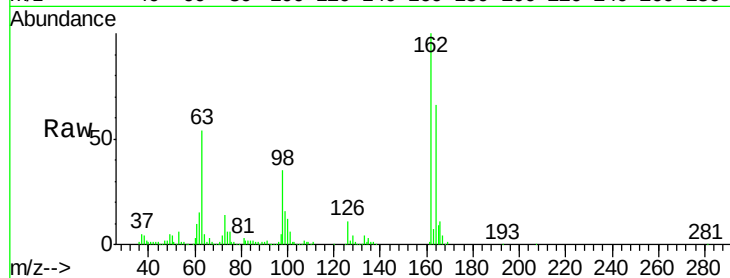
Tot Ion:162 Resp: 423900

Ion Ratio Lower Upper

162 100

164 66.1 47.8 71.6

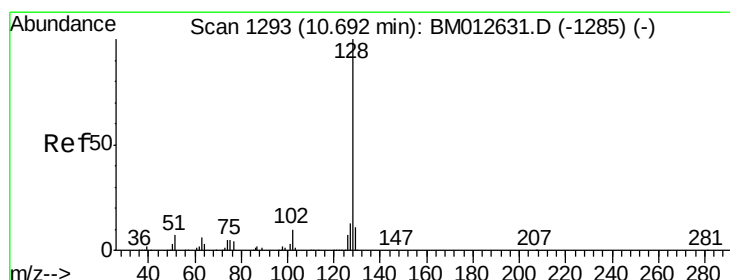
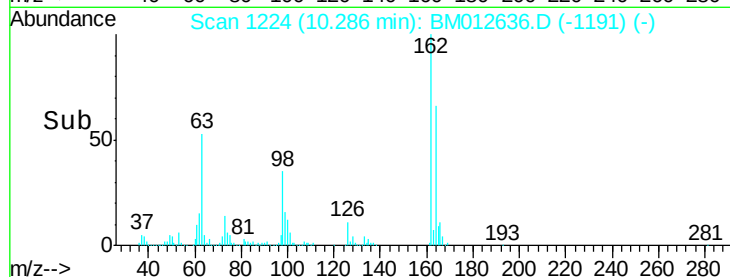
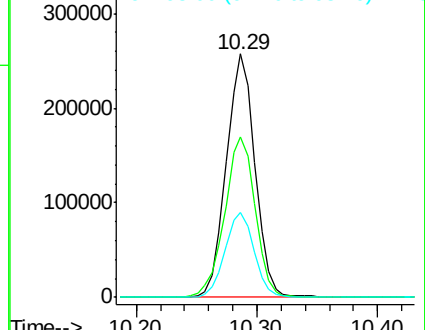
98 34.9 23.0 34.4#



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: 20.71 ng/ul

RT: 10.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

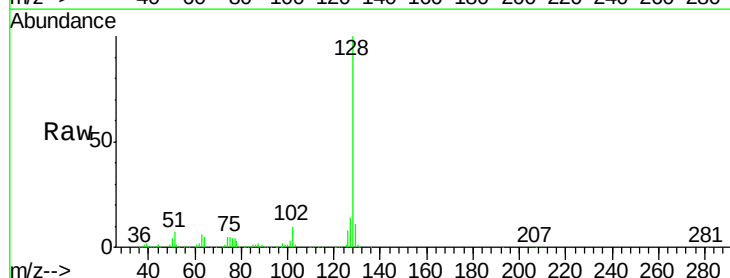
Tgt Ion:128 Resp: 1209319

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

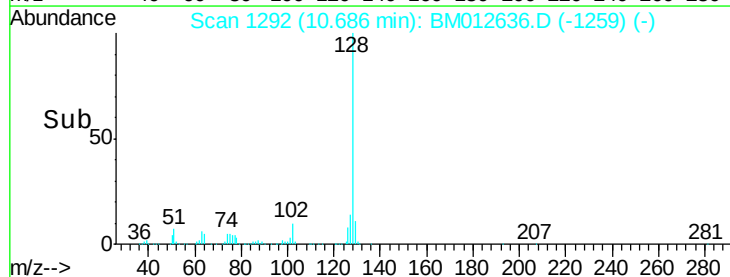
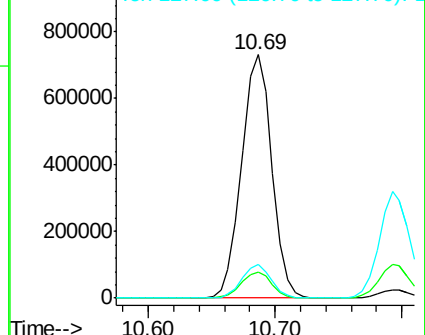
127 14.0 10.6 16.0

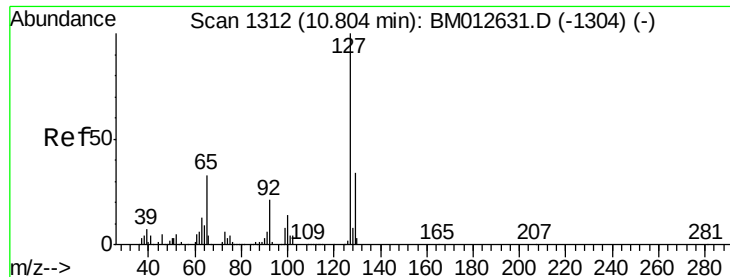


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

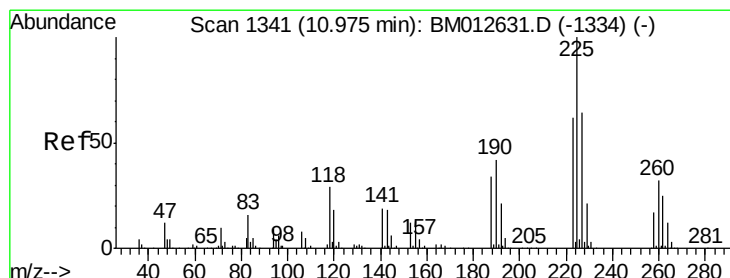
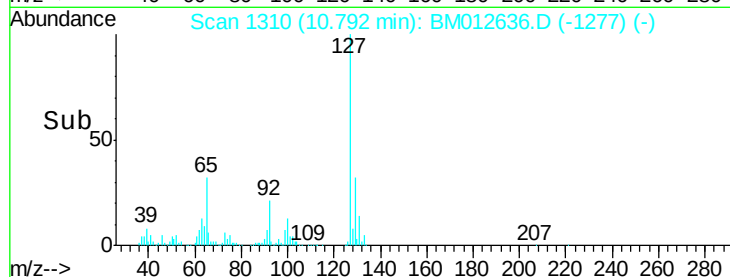
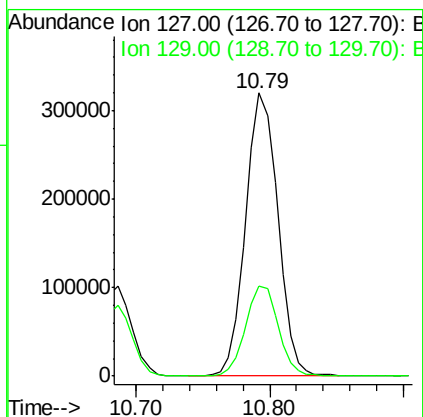
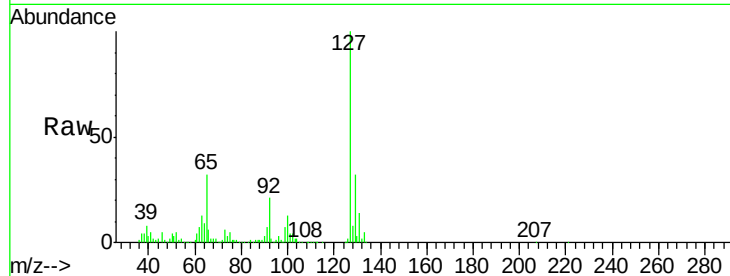




#30
4-Chloroaniline
Concen: 25.04 ng/ul
RT: 10.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

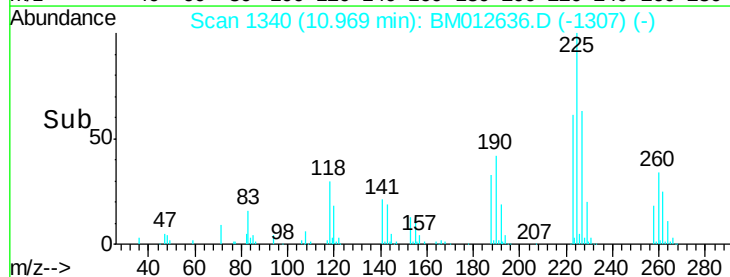
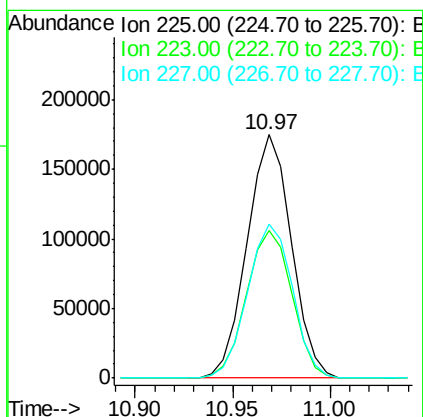
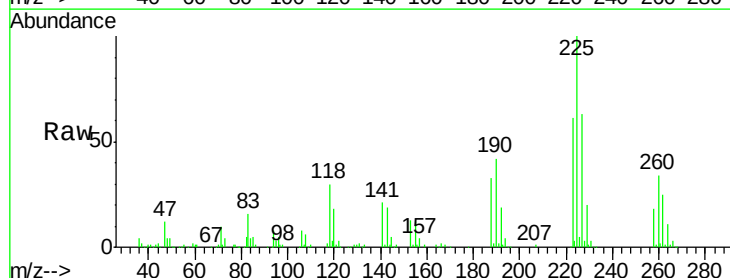
Instrument :
BNA_M
ClientSampleId :
SSTD02079

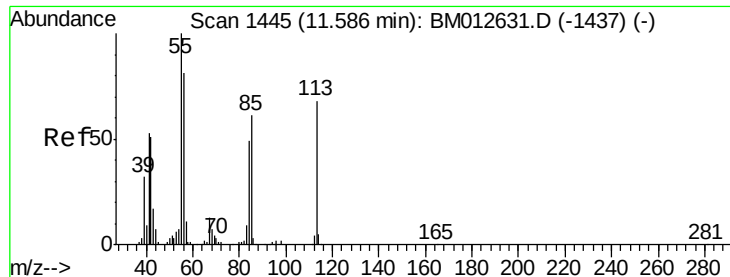
Tot Ion:127 Resp: 535280
Ion Ratio Lower Upper
127 100
129 31.9 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.24 ng/ul
RT: 10.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Tgt Ion:225 Resp: 274856
Ion Ratio Lower Upper
225 100
223 60.7 49.4 74.2
227 63.1 45.4 68.2





#32

Caprolactam

Concen: 26.39 ng/ul

RT: 11.57 min Scan# 1443

Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

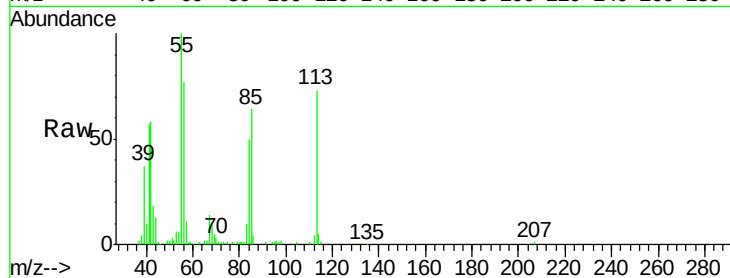
Tot Ion:113 Resp: 167889

Ion Ratio Lower Upper

113 100

55 137.4 208.0 312.0#

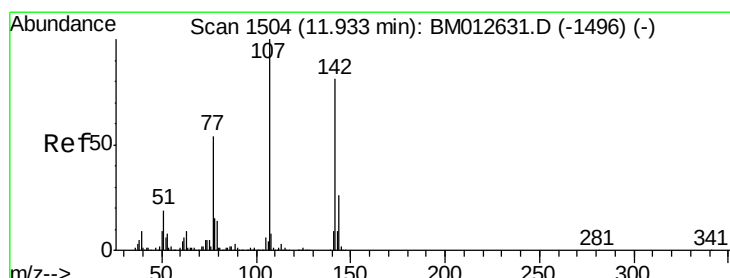
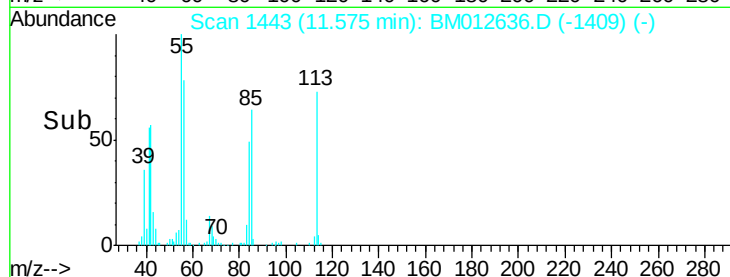
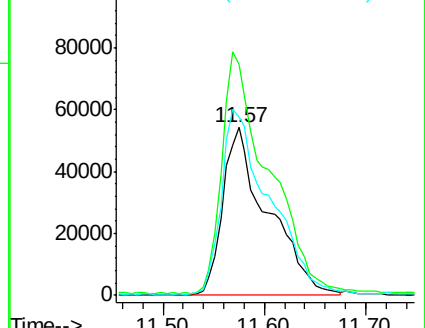
56 106.2 160.0 240.0#



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: 22.01 ng/ul

RT: 11.92 min Scan# 1502

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

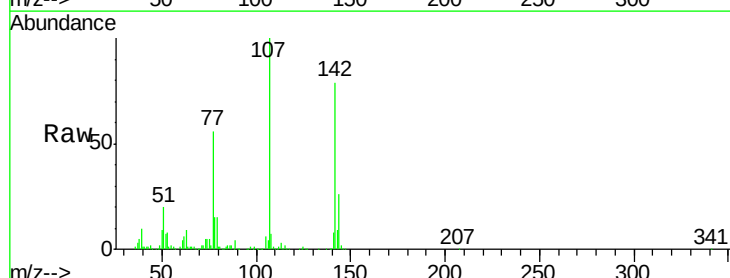
Tgt Ion:107 Resp: 485608

Ion Ratio Lower Upper

107 100

144 26.5 20.4 30.6

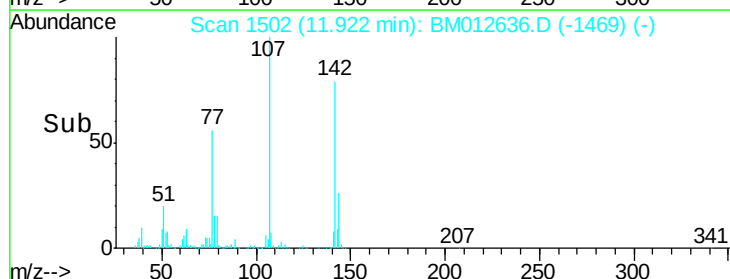
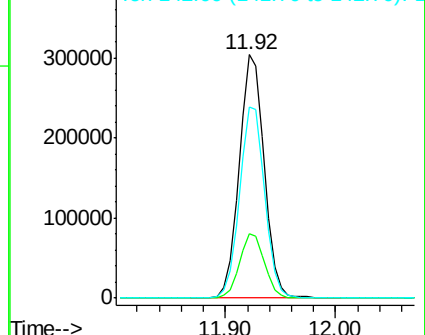
142 78.7 60.5 90.7

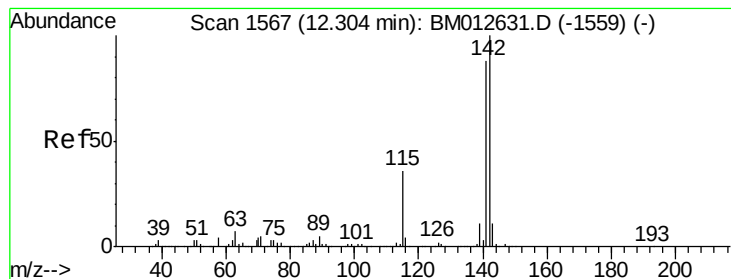


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.69 ng/ul

RT: 12.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

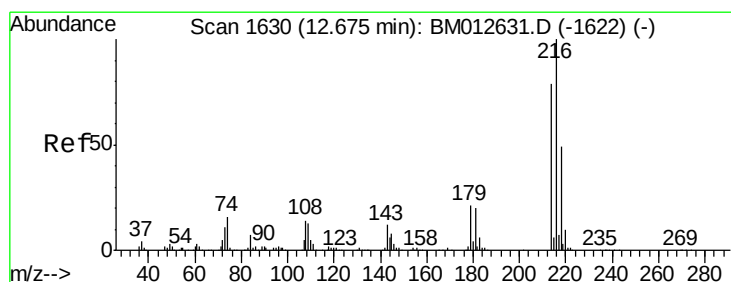
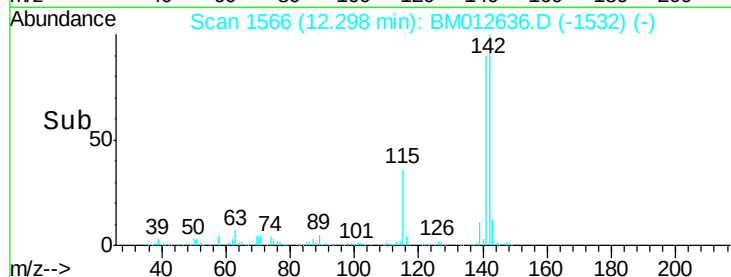
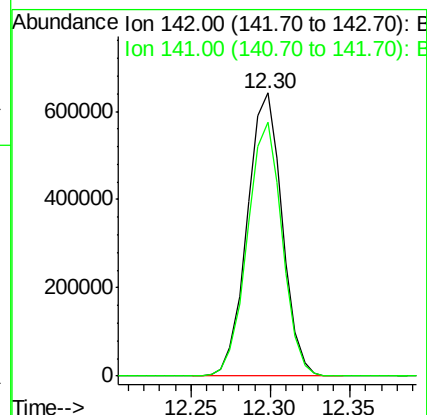
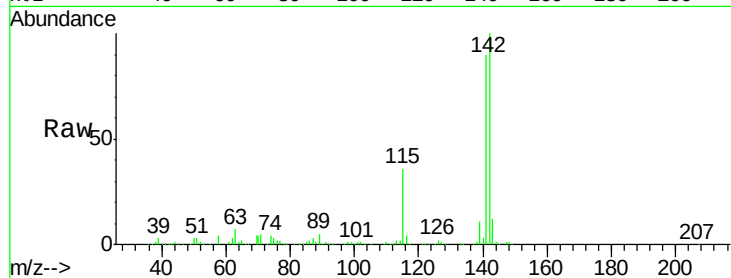
SSTD02079

Tot Ion:142 Resp: 981368

Ion Ratio Lower Upper

142 100

141 89.6 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.33 ng/ul

RT: 12.67 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Tgt Ion:216 Resp: 568129

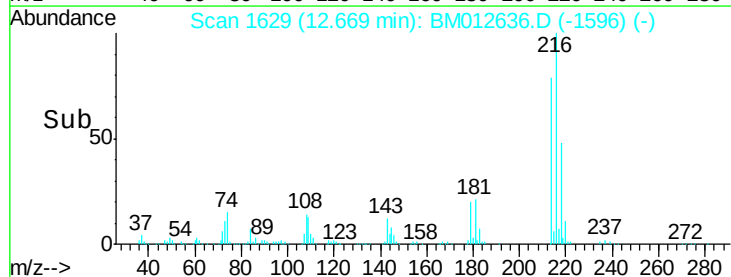
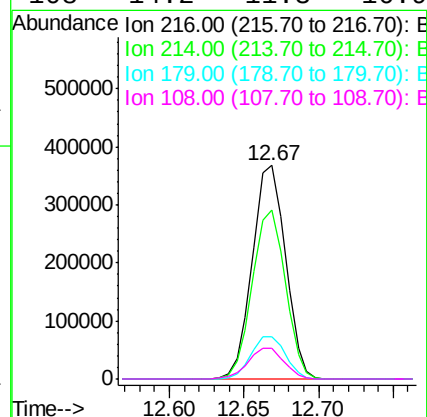
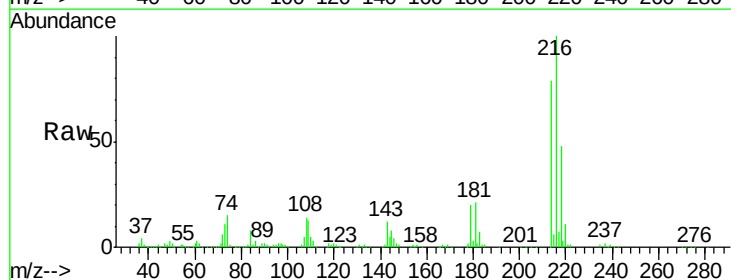
Ion Ratio Lower Upper

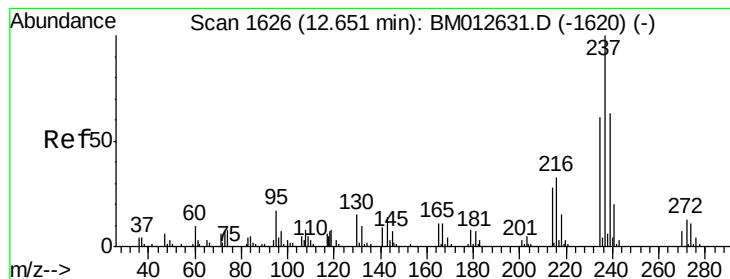
216 100

214 78.9 60.6 90.8

179 19.9 17.5 26.3

108 14.2 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 11.45 ng/ul

RT: 12.65 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

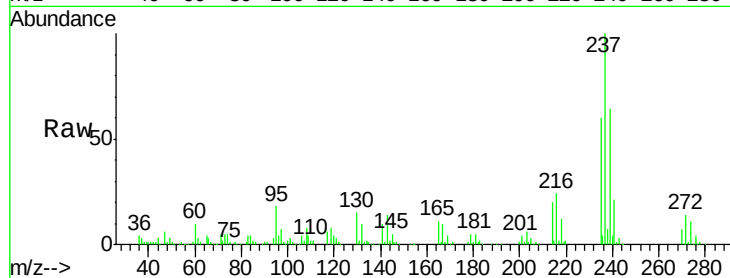
Tot Ion:237 Resp: 217285

Ion Ratio Lower Upper

237 100

235 59.7 50.2 75.4

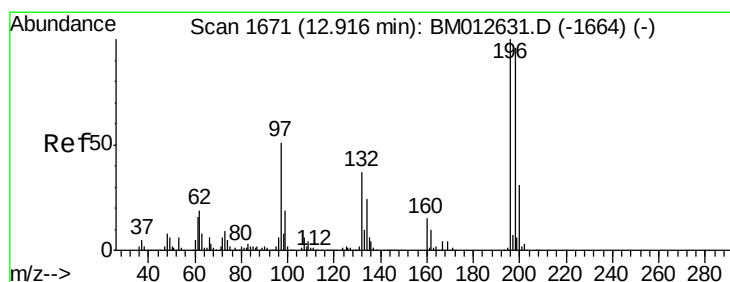
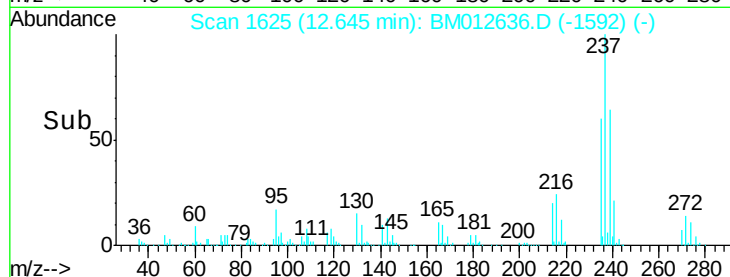
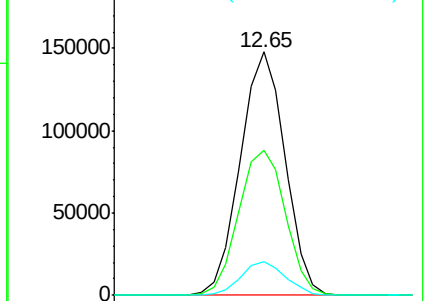
272 13.7 11.0 16.6



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: 23.16 ng/ul

RT: 12.91 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

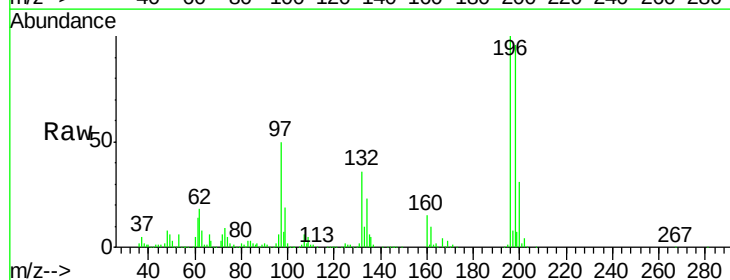
Tgt Ion:196 Resp: 407471

Ion Ratio Lower Upper

196 100

198 95.6 74.1 111.1

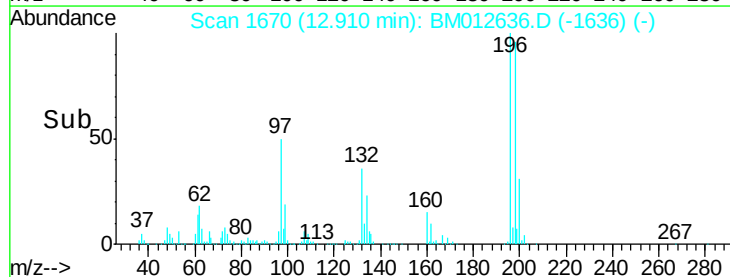
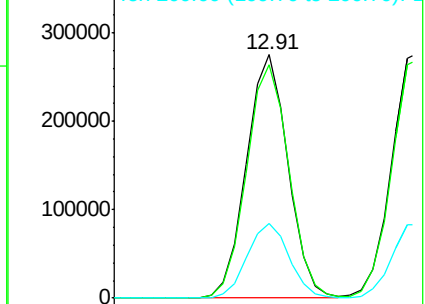
200 30.7 25.2 37.8

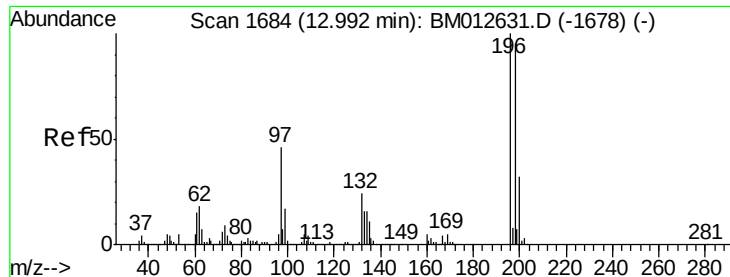


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

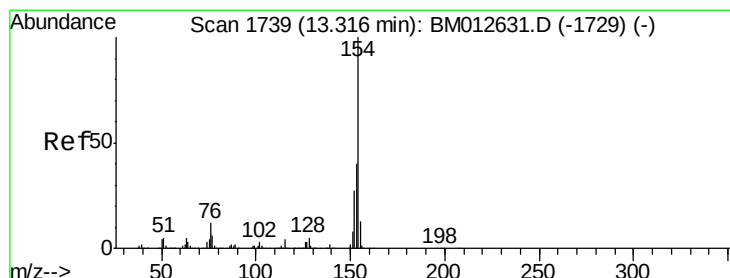
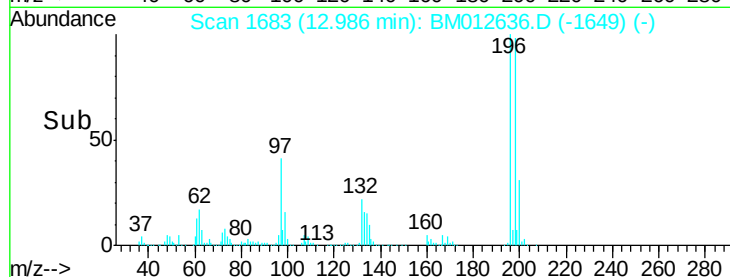
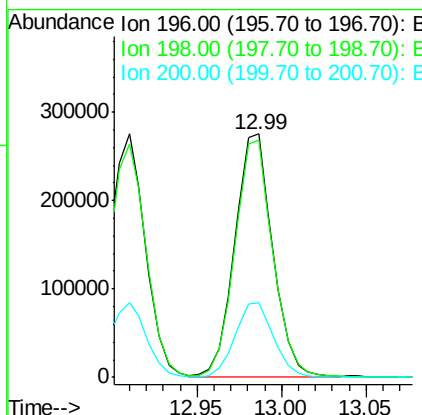
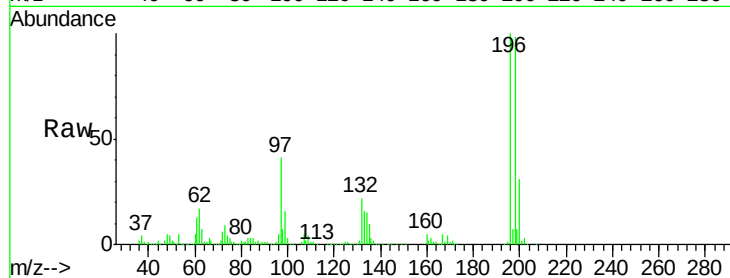




#39
 2,4,5-Trichlorophenol
 Concen: 22.91 ng/ul
 RT: 12.99 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BM012636.D
 Acq: 01 Nov 2017 13:54

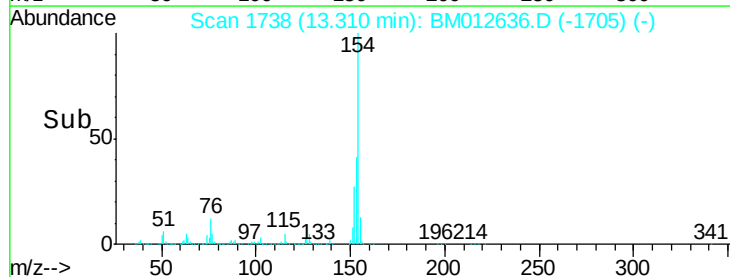
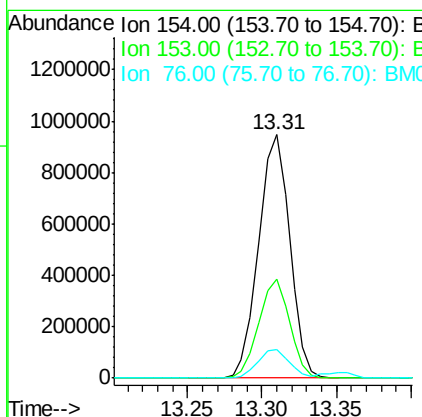
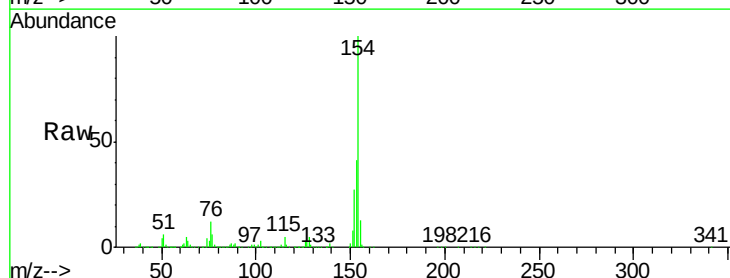
Instrument :
 BNA_M
 ClientSampleId :
 SST02079

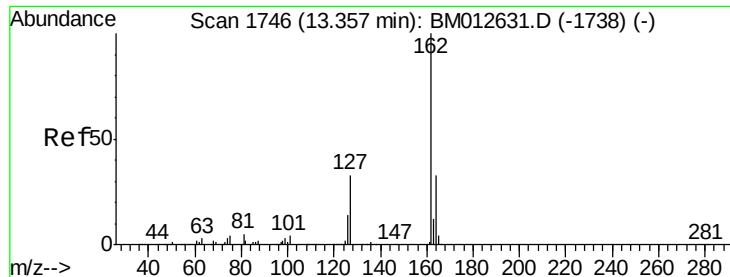
Tot Ion:196 Resp: 427251
 Ion Ratio Lower Upper
 196 100
 198 97.6 75.6 113.4
 200 30.7 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 20.66 ng/ul
 RT: 13.31 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BM012636.D
 Acq: 01 Nov 2017 13:54

Tgt Ion:154 Resp: 1367825
 Ion Ratio Lower Upper
 154 100
 153 40.8 32.6 48.8
 76 11.7 8.5 12.7

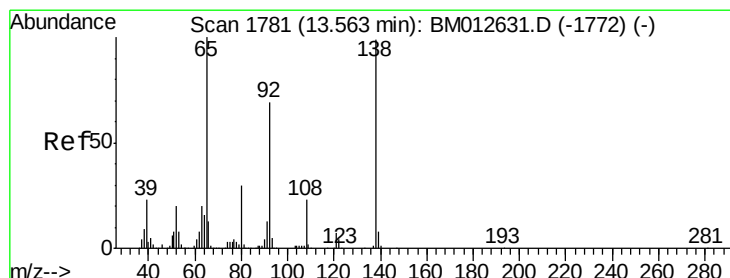
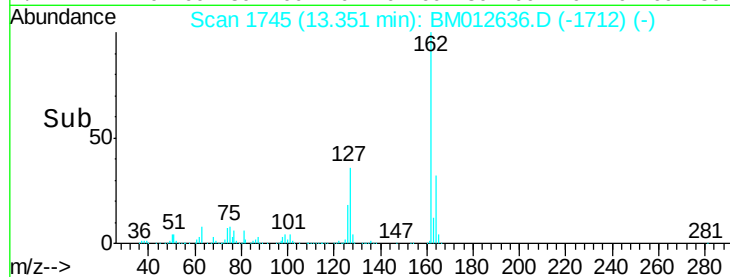
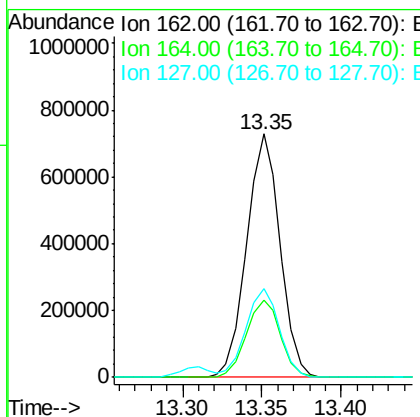
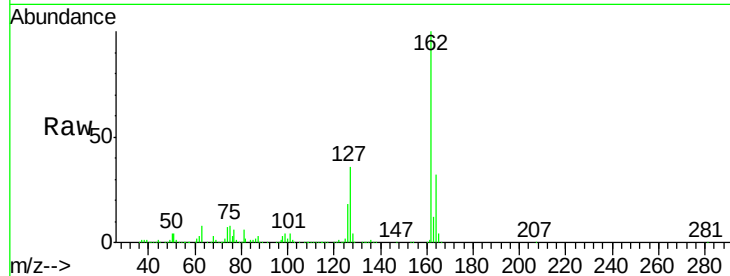




#41
2-Chloronaphthalene
Concen: 20.49 ng/ul
RT: 13.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

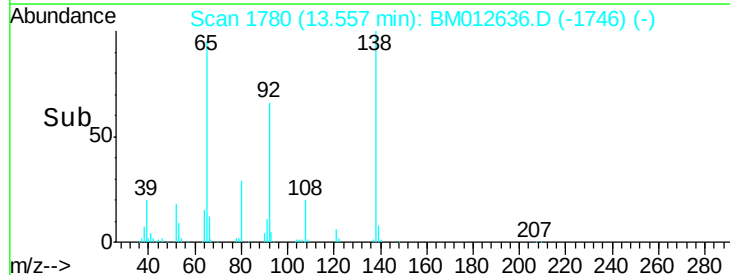
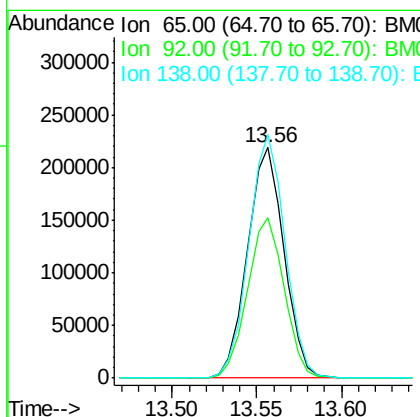
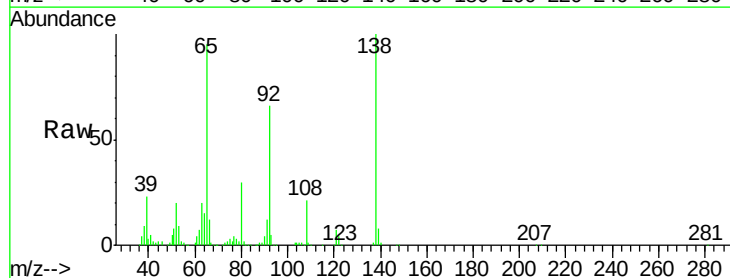
Instrument :
BNA_M
ClientSampleId :
SSTD02079

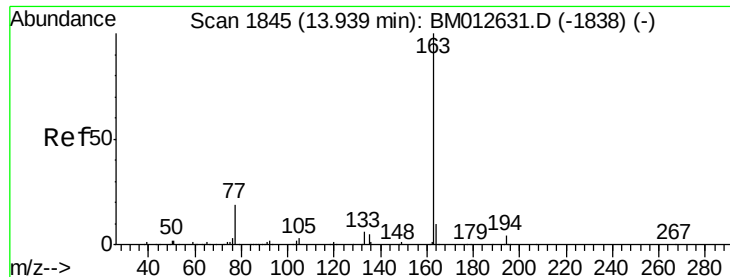
Tot Ion:162 Resp: 1064107
Ion Ratio Lower Upper
162 100
164 31.8 25.9 38.9
127 36.4 29.4 44.2



#42
2-Nitroaniline
Concen: 27.40 ng/ul
RT: 13.56 min Scan# 1780
Delta R.T. -0.00 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Tgt Ion: 65 Resp: 330962
Ion Ratio Lower Upper
65 100
92 69.5 51.8 77.6
138 105.6 74.2 111.4

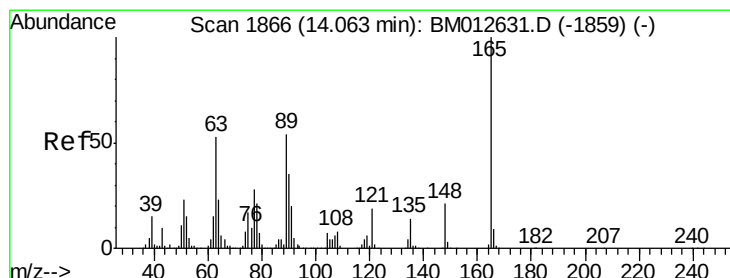
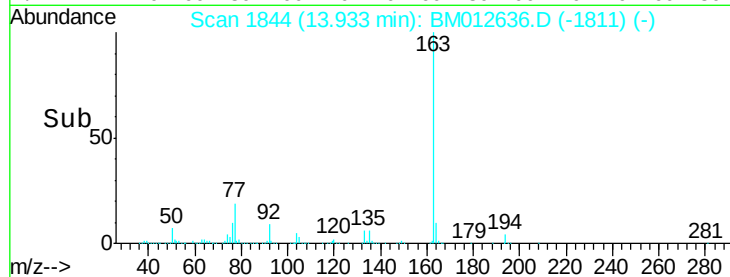
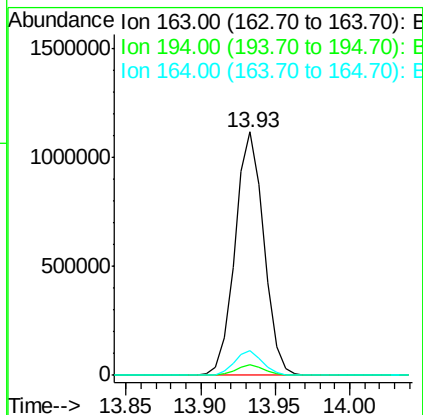
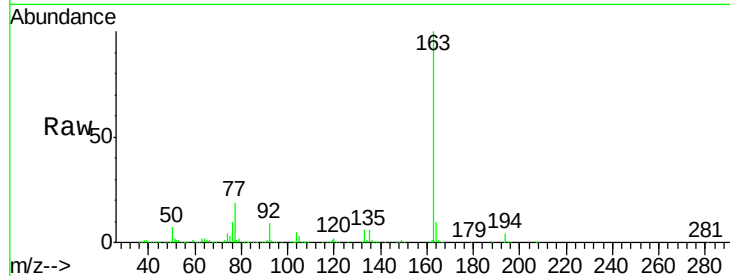




#44
 Dimethylphthalate
 Concen: 20.81 ng/ul
 RT: 13.93 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BM012636.D
 Acq: 01 Nov 2017 13:54

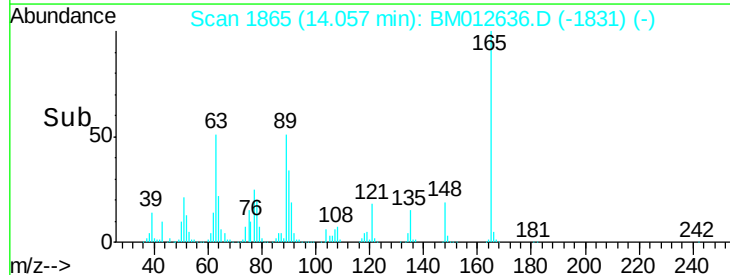
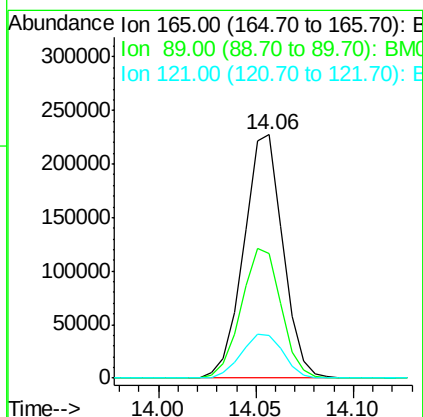
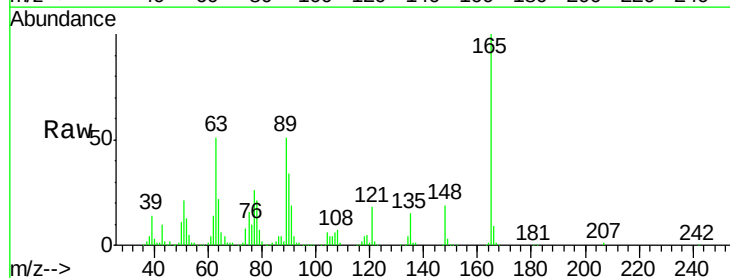
Instrument :
 BNA_M
 ClientSampleID :
 SSTD02079

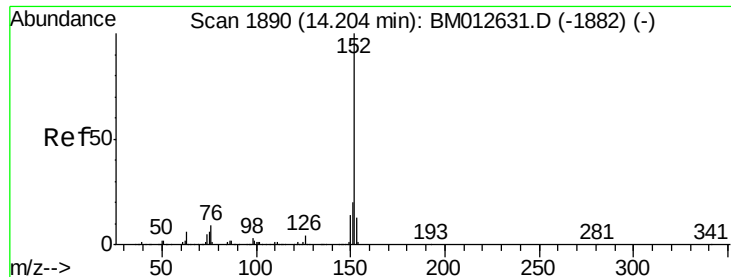
Tot Ion:163 Resp: 1492560
 Ion Ratio Lower Upper
 163 100
 194 4.4 3.5 5.3
 164 10.1 8.2 12.4



#45
 2,6-Dinitrotoluene
 Concen: 27.63 ng/ul
 RT: 14.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BM012636.D
 Acq: 01 Nov 2017 13:54

Tgt Ion:165 Resp: 314917
 Ion Ratio Lower Upper
 165 100
 89 51.0 52.6 79.0#
 121 17.7 14.6 22.0





#47

Acenaphthylene

Concen: 20.83 ng/ul

RT: 14.20 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

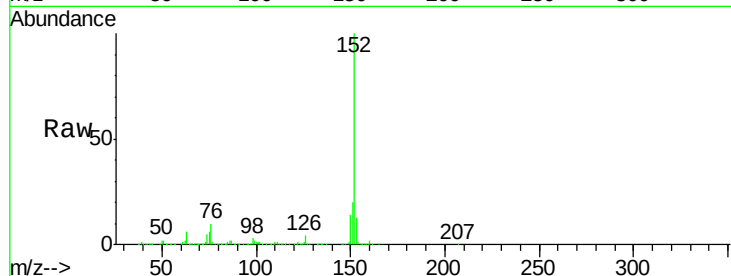
BNA_M

ClientSampleId :

SSTD02079

Tot Ion:152 Resp: 1705130

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	13.3	10.2	15.4

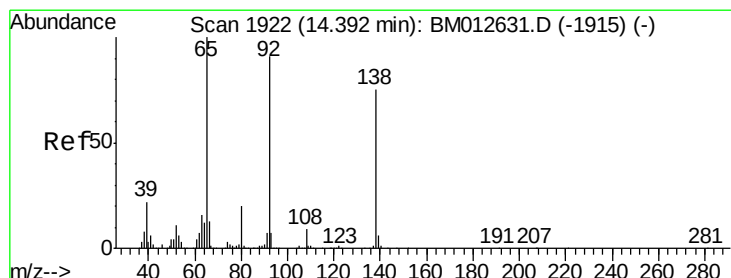
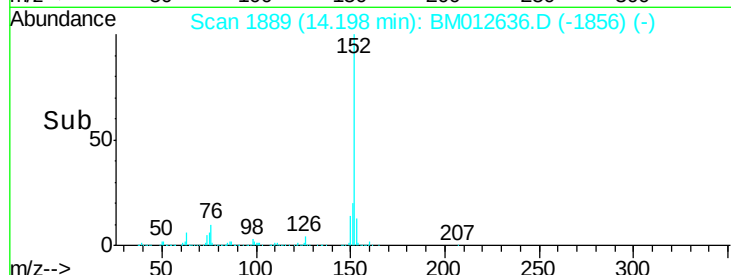
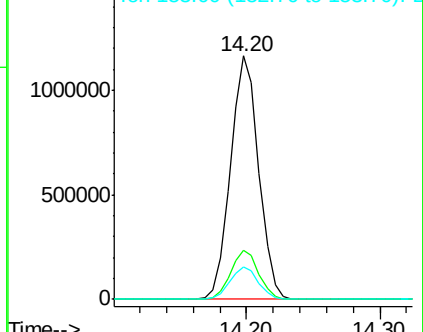


Abundance

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: 27.97 ng/ul

RT: 14.38 min Scan# 1920

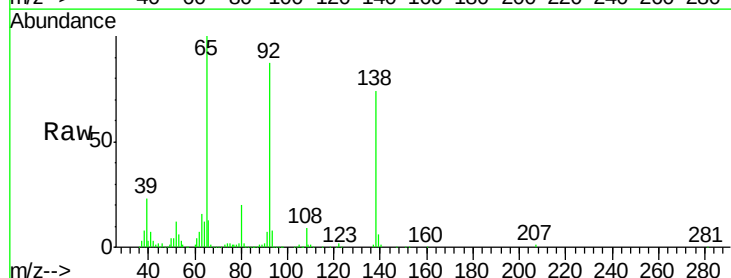
Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Tgt Ion:138 Resp: 298648

Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.9	14.9
92	118.6	105.0	157.4

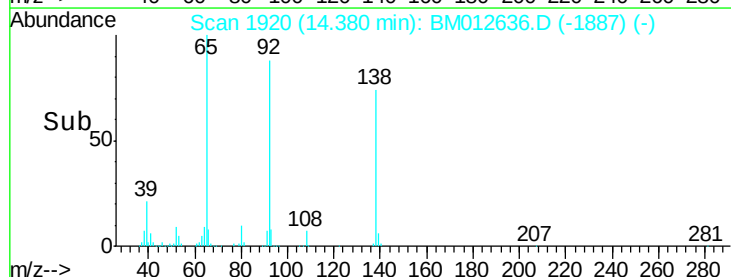
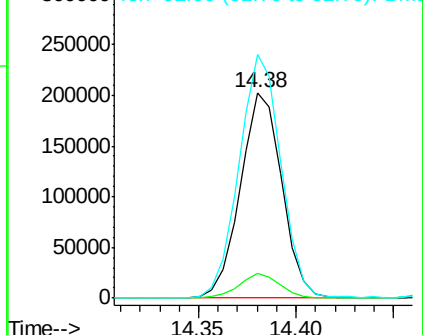


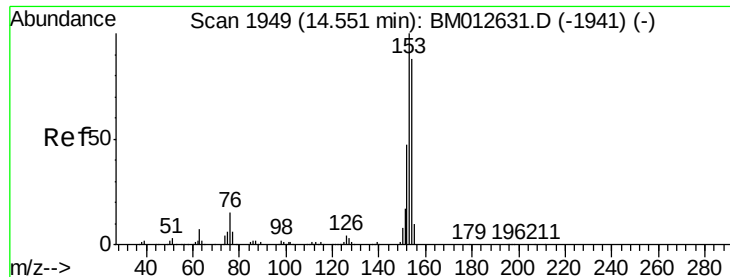
Abundance

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: 20.63 ng/ul

RT: 14.54 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

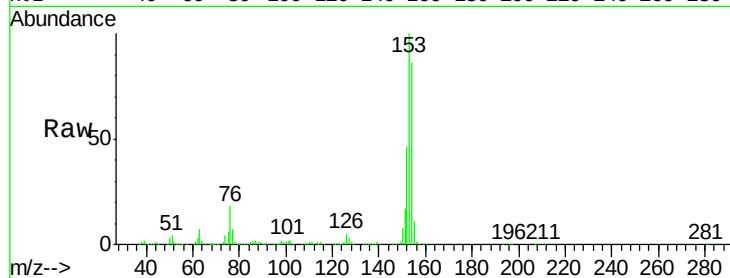
Tot Ion:153 Resp: 1156219

Ion Ratio Lower Upper

153 100

152 45.8 37.6 56.4

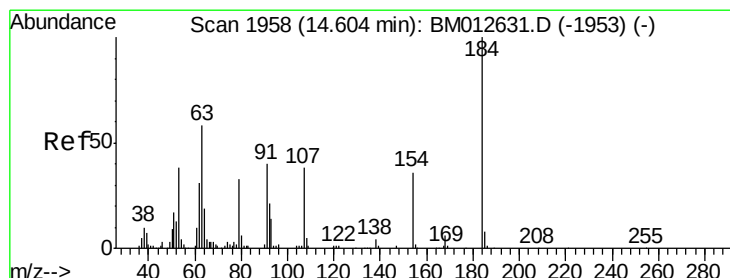
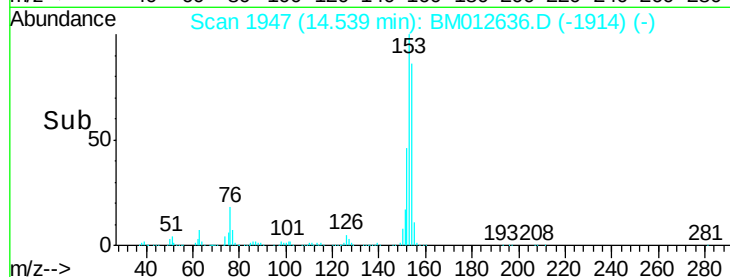
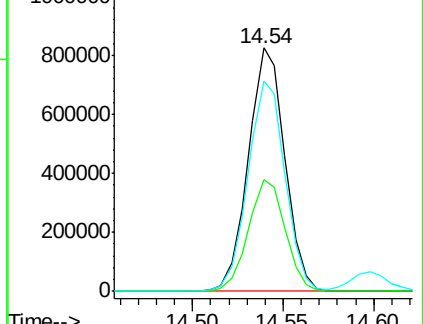
154 86.3 70.4 105.6



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: 27.02 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

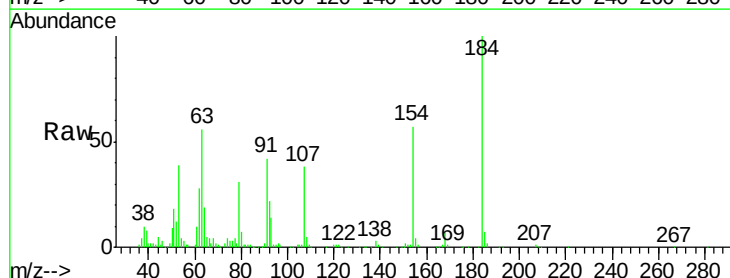
Tgt Ion:184 Resp: 172816

Ion Ratio Lower Upper

184 100

63 55.8 50.1 75.1

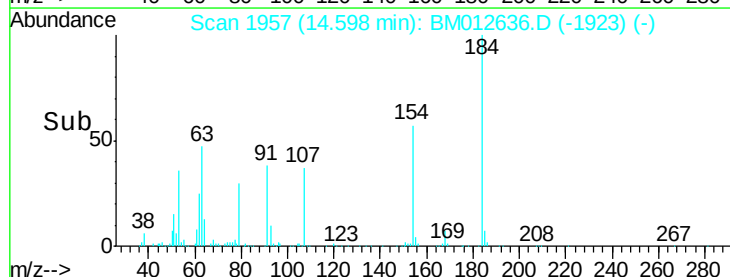
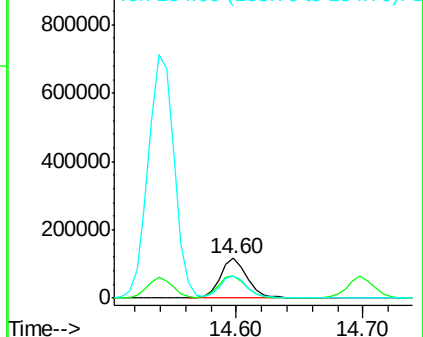
154 56.8 54.5 81.7

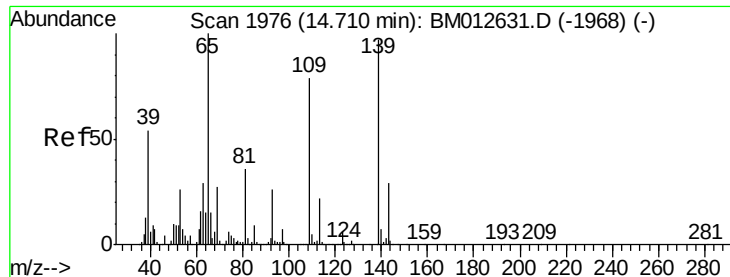


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

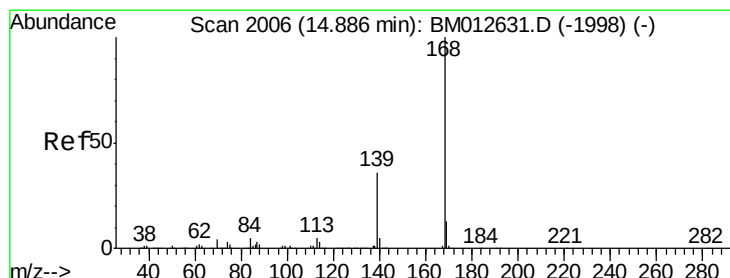
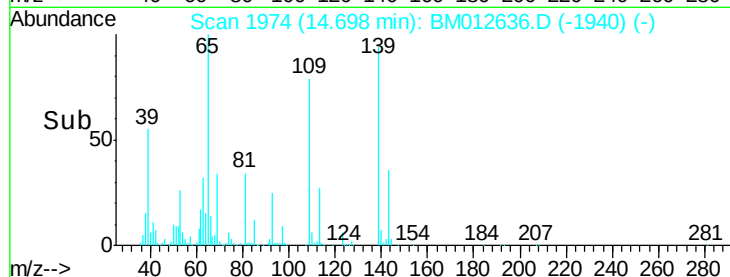
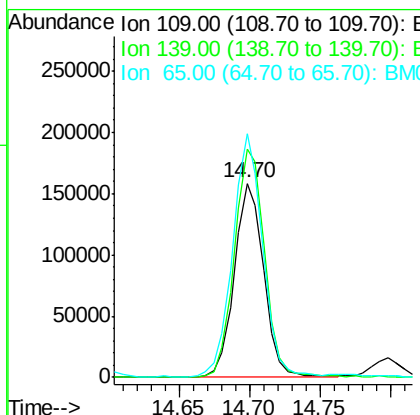
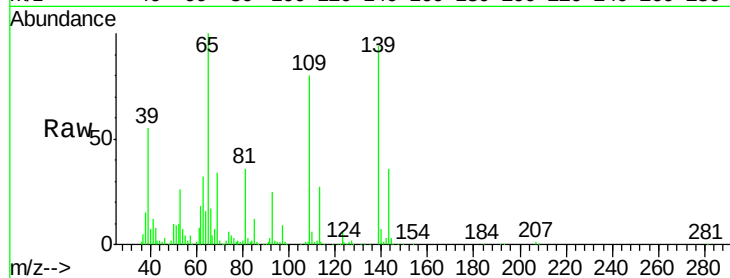




#52
4-Nitrophenol
Concen: 21.10 ng/ul
RT: 14.70 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

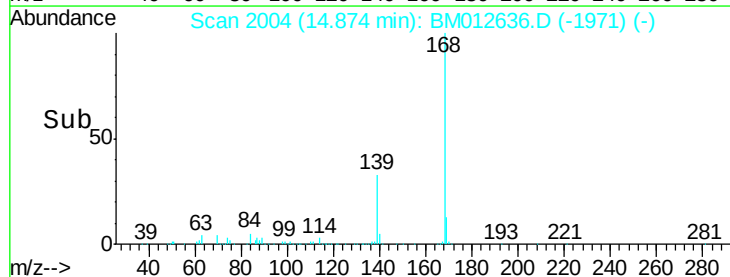
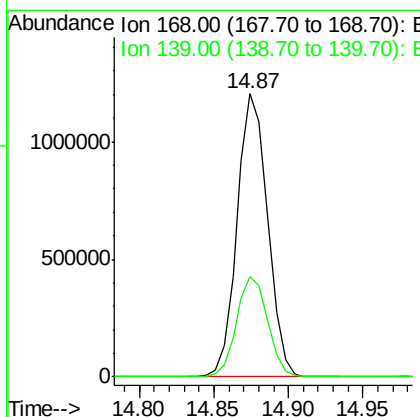
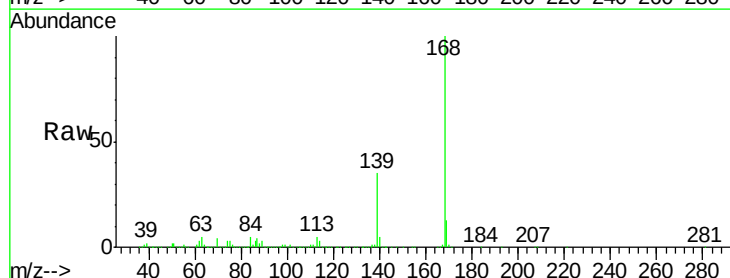
Instrument :
BNA_M
ClientSampleId :
SSTD02079

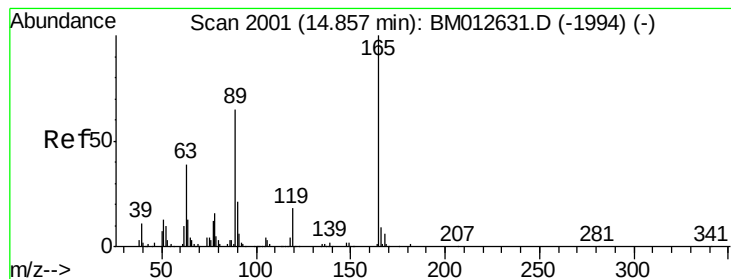
Tot Ion:109 Resp: 230713
Ion Ratio Lower Upper
109 100
139 117.5 80.0 120.0
65 125.6 120.0 180.0



#53
Dibenzofuran
Concen: 20.60 ng/ul
RT: 14.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Tgt Ion:168 Resp: 1708990
Ion Ratio Lower Upper
168 100
139 35.5 30.8 46.2





#54

2,4-Dinitrotoluene

Concen: 27.06 ng/ul

RT: 14.84 min Scan# 1999

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

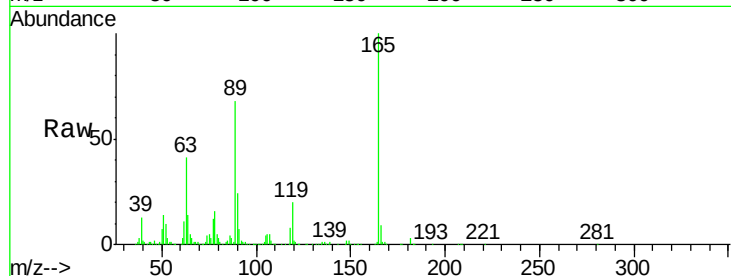
Tot Ion:165 Resp: 461873

Ion Ratio Lower Upper

165 100

63 41.3 45.8 68.8#

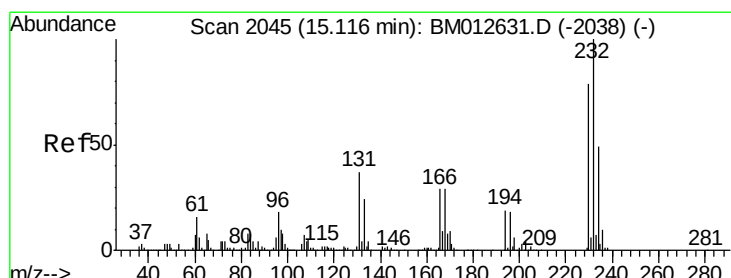
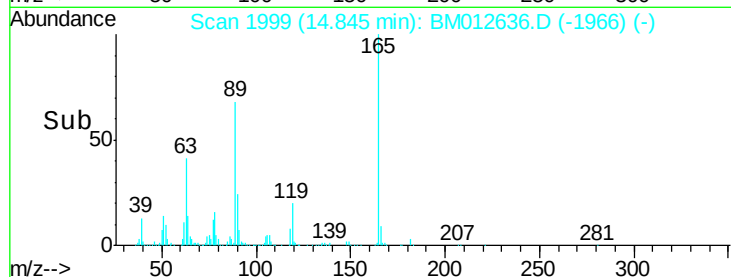
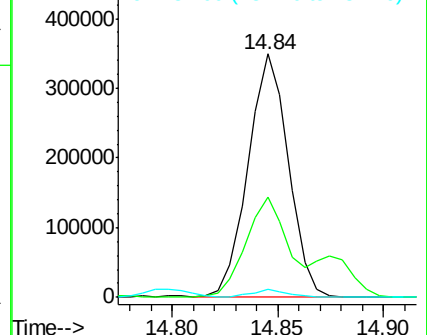
182 3.1 2.6 4.0



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: 24.07 ng/ul

RT: 15.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Tgt Ion:232 Resp: 415560

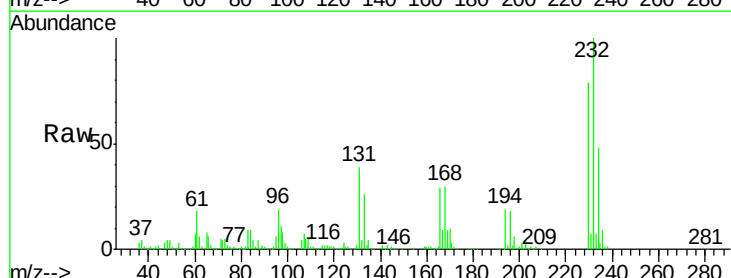
Ion Ratio Lower Upper

232 100

131 39.0 29.0 43.4

130 2.0 2.0 3.0#

166 28.7 21.4 32.2

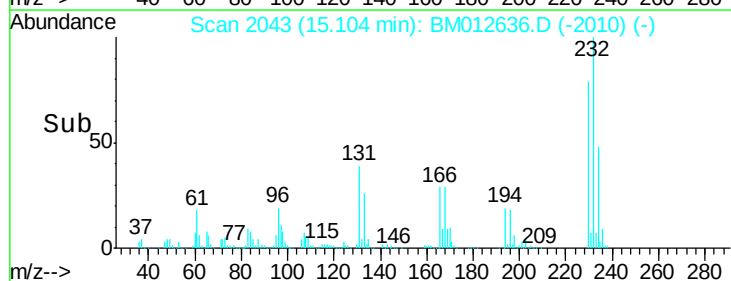
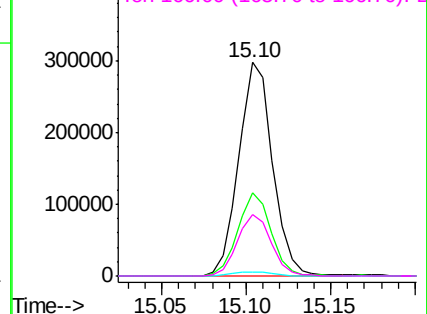


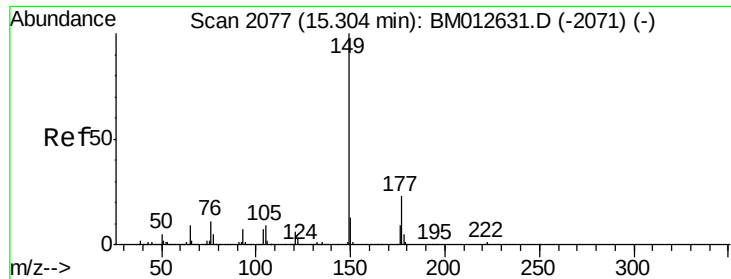
Abundance Ion 232.00 (231.70 to 232.70): E

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

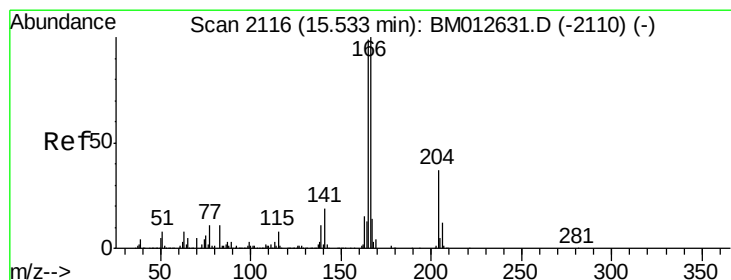
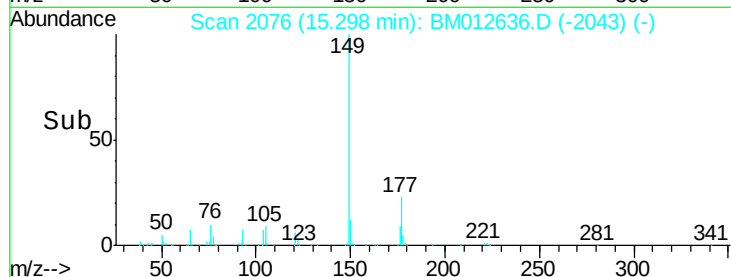
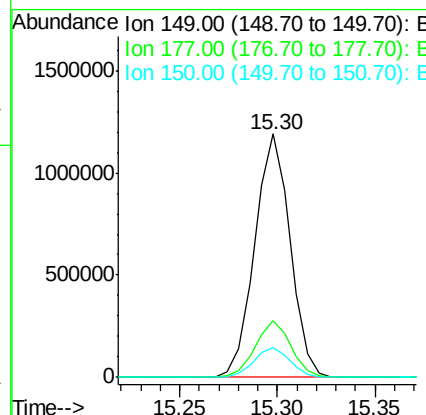
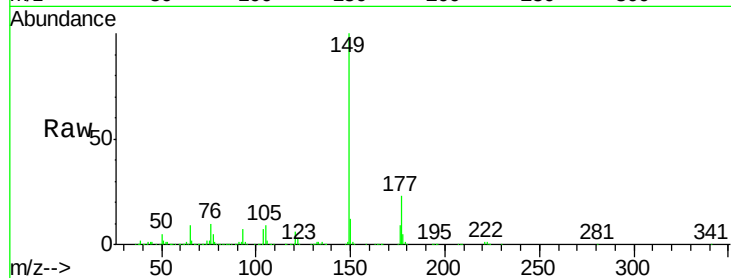




#56
Diethylphthalate
Concen: 20.46 ng/ul
RT: 15.30 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

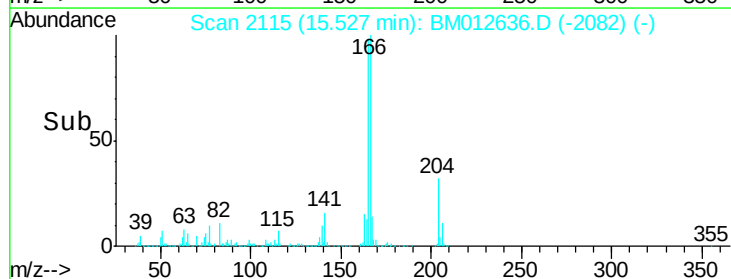
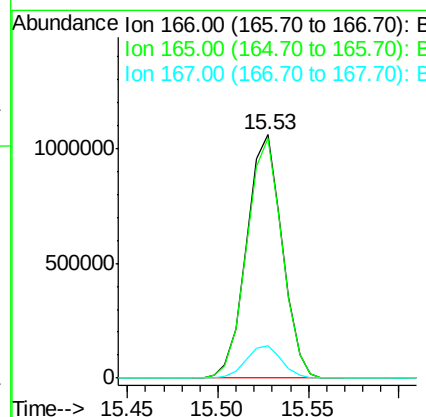
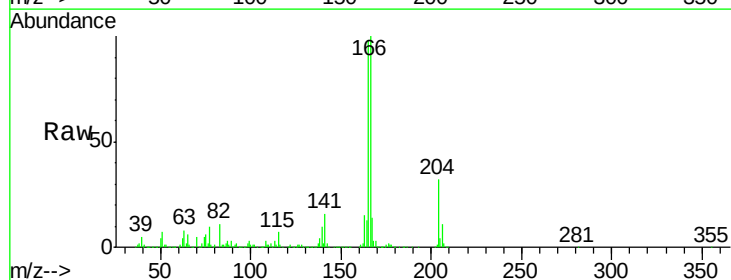
Instrument :
BNA_M
ClientSampleId :
SSTD02079

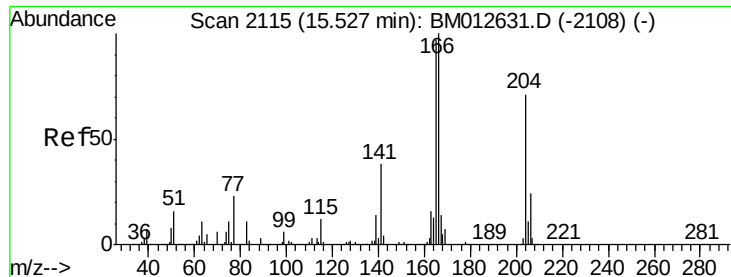
Tot Ion:149 Resp: 1495403
Ion Ratio Lower Upper
149 100
177 23.2 20.5 30.7
150 12.3 10.6 15.8



#58
Fluorene
Concen: 20.53 ng/ul
RT: 15.53 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Tgt Ion:166 Resp: 1440142
Ion Ratio Lower Upper
166 100
165 98.3 77.9 116.9
167 13.5 10.6 16.0

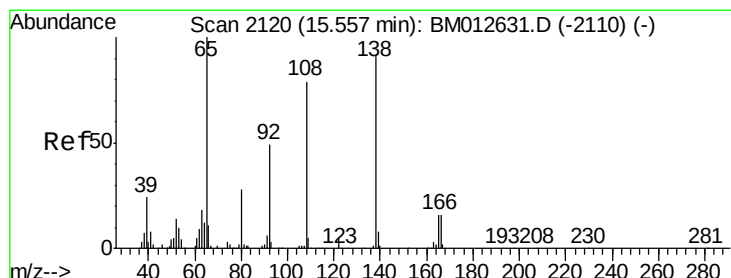
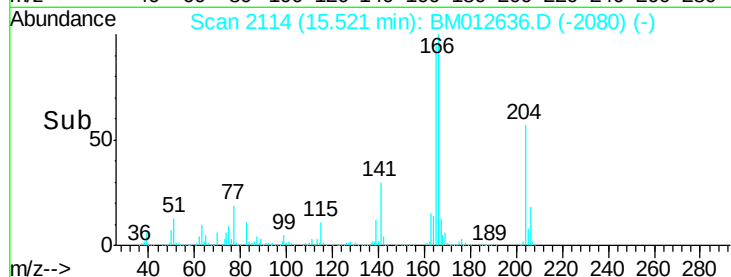
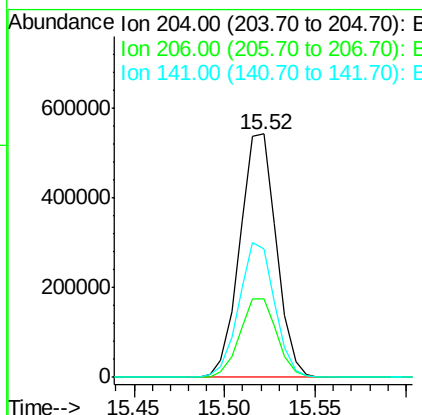
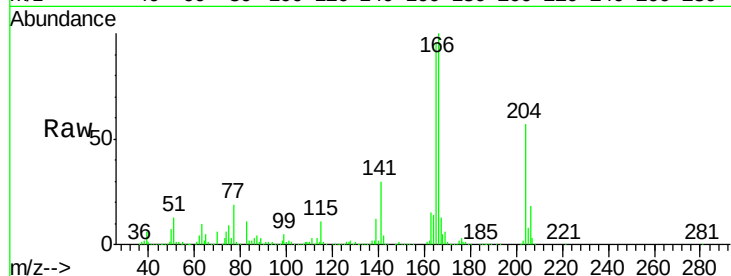




#59
4-Chlorophenyl-phenylether
Concen: 19.81 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.00 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

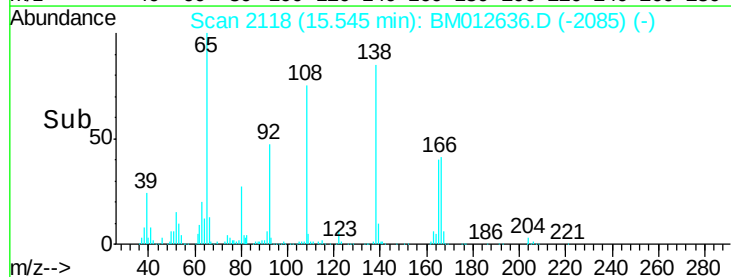
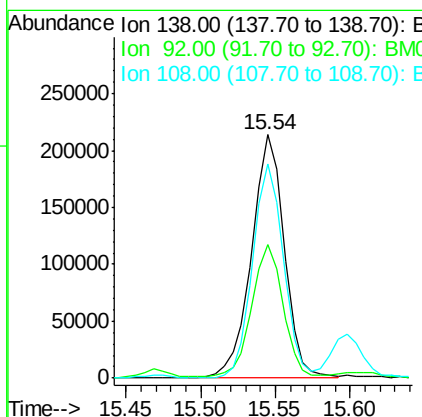
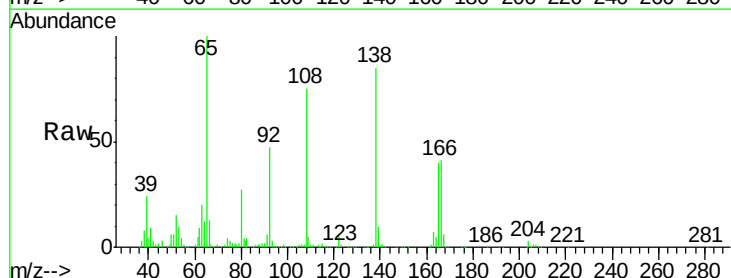
Instrument :
BNA_M
ClientSampleId :
SSTD02079

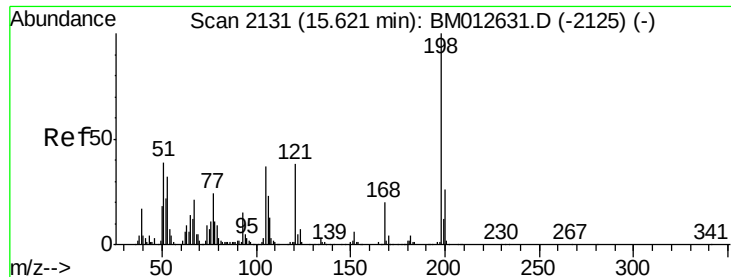
Tot Ion:204 Resp: 756190
Ion Ratio Lower Upper
204 100
206 32.2 24.8 37.2
141 52.7 44.3 66.5



#60
4-Nitroaniline
Concen: 24.27 ng/ul
RT: 15.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Tgt Ion:138 Resp: 324882
Ion Ratio Lower Upper
138 100
92 54.7 40.0 60.0
108 87.8 80.0 120.0

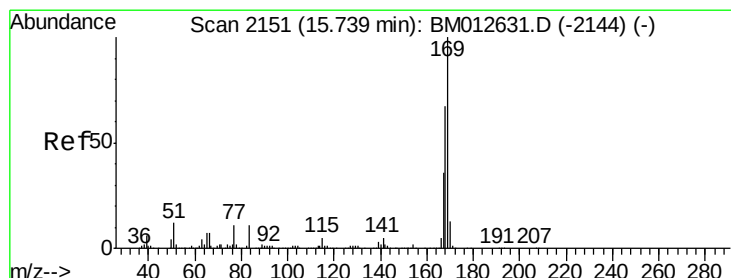
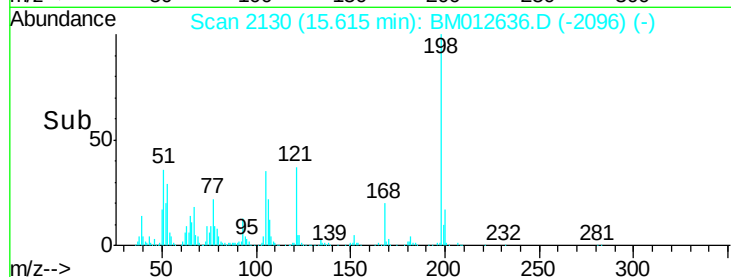
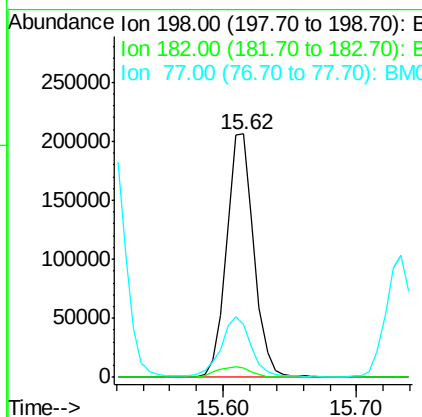
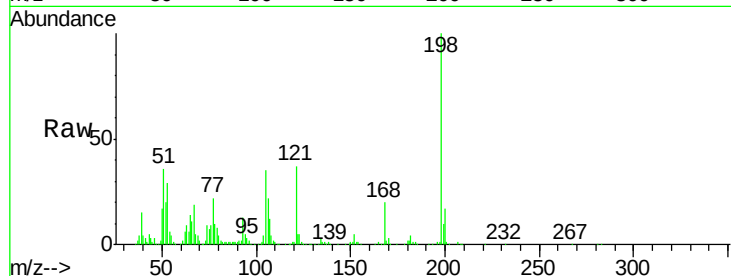




#63
4,6-Dinitro-2-methylphenol
Concen: 26.48 ng/ul
RT: 15.62 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

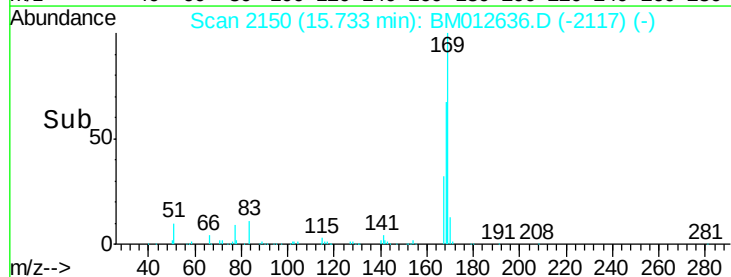
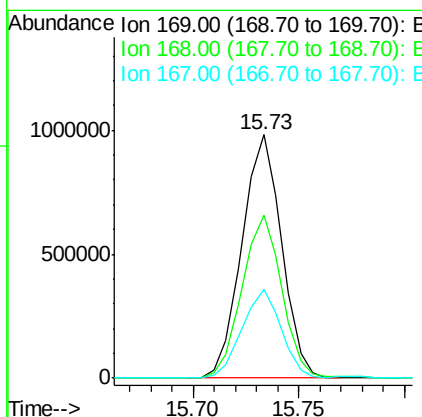
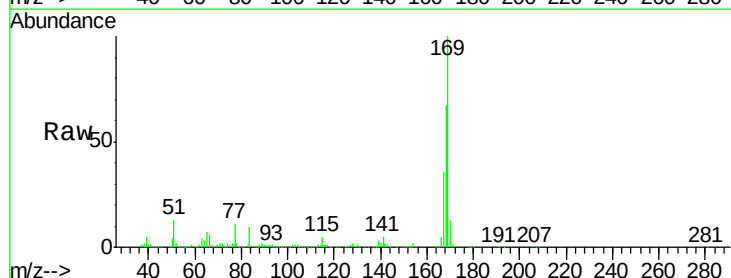
Instrument :
BNA_M
ClientSampleId :
SSTD02079

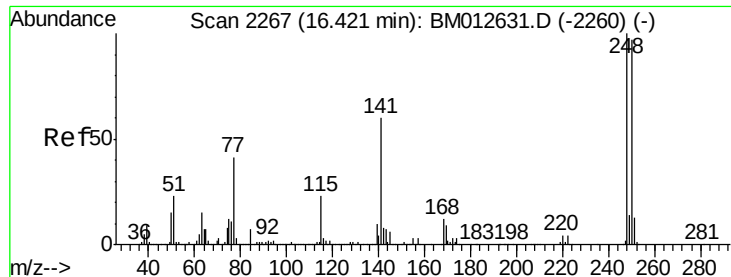
Tot Ion:198 Resp: 296606
Ion Ratio Lower Upper
198 100
182 3.7 3.8 5.6#
77 21.9 25.2 37.8#



#64
N-Nitrosodiphenylamine
Concen: 20.90 ng/ul
RT: 15.73 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Tgt Ion:169 Resp: 1278081
Ion Ratio Lower Upper
169 100
168 66.9 54.0 81.0
167 36.3 29.1 43.7

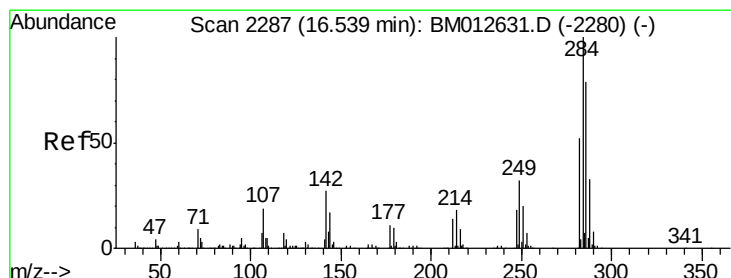
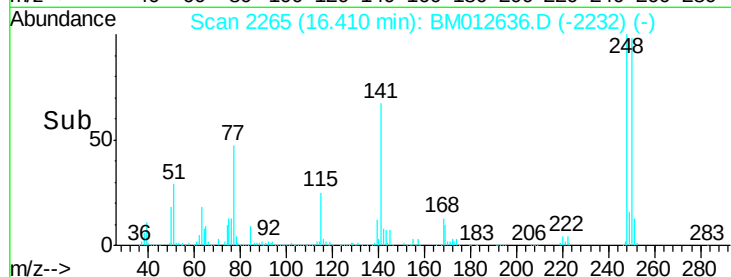
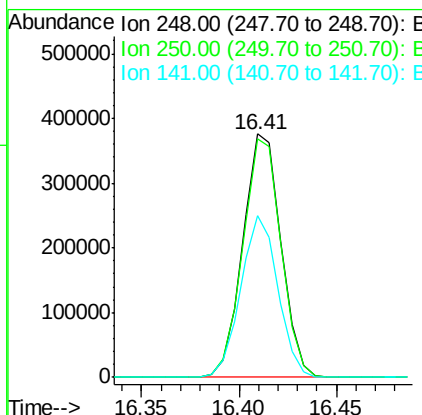
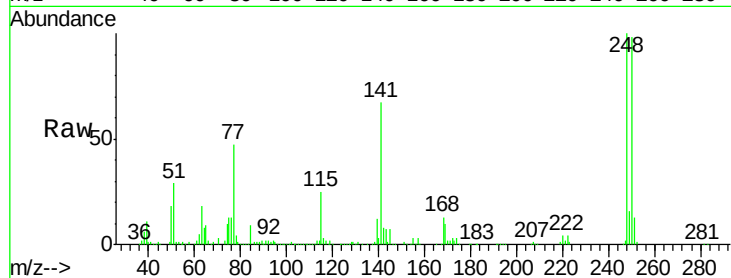




#65
4-Bromophenyl-phenylether
Concen: 20.24 ng/ul
RT: 16.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

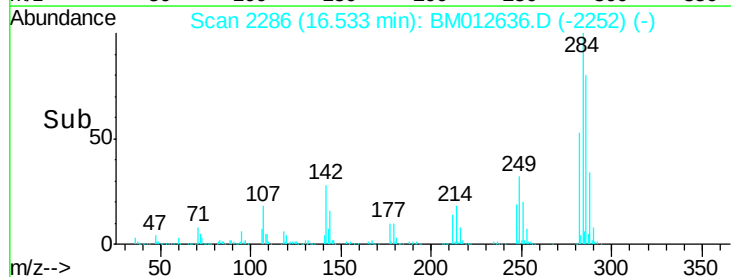
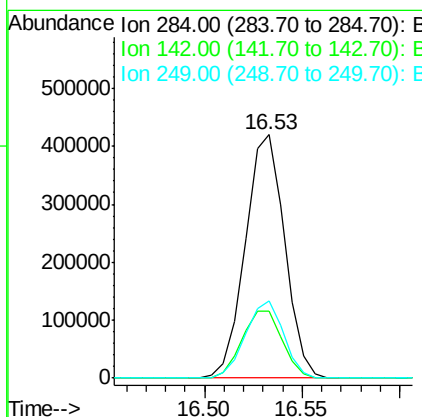
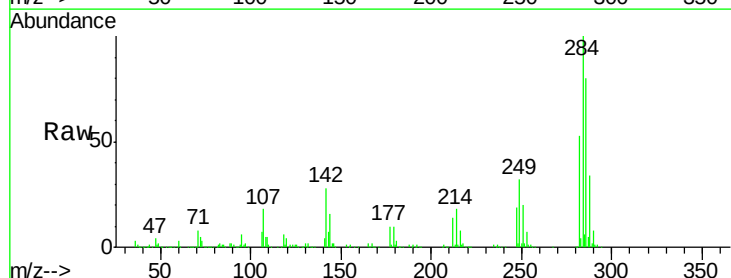
Instrument :
BNA_M
ClientSampleId :
SSTD02079

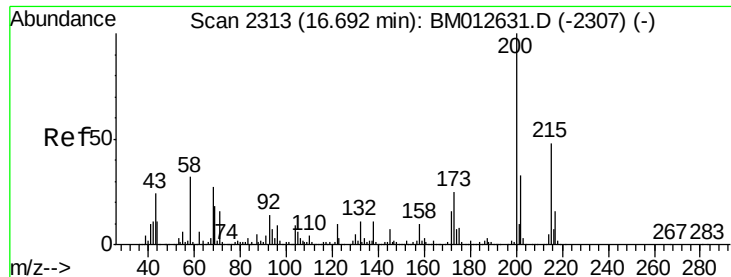
Tot Ion:248 Resp: 510309
Ion Ratio Lower Upper
248 100
250 98.2 80.5 120.7
141 66.7 53.6 80.4



#66
Hexachlorobenzene
Concen: 21.06 ng/ul
RT: 16.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Tgt Ion:284 Resp: 587107
Ion Ratio Lower Upper
284 100
142 27.7 21.2 31.8
249 31.5 24.5 36.7

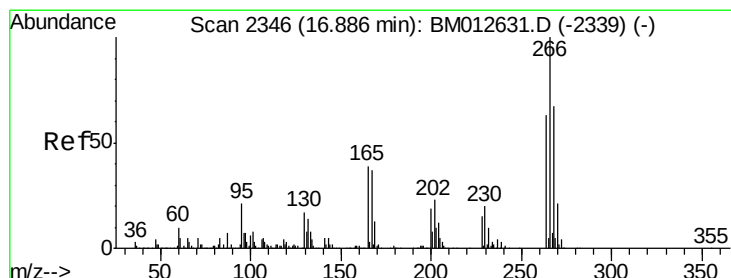
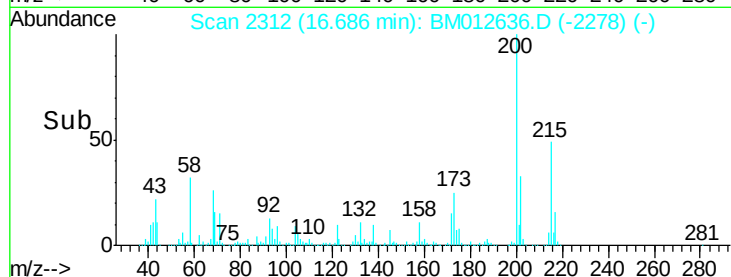
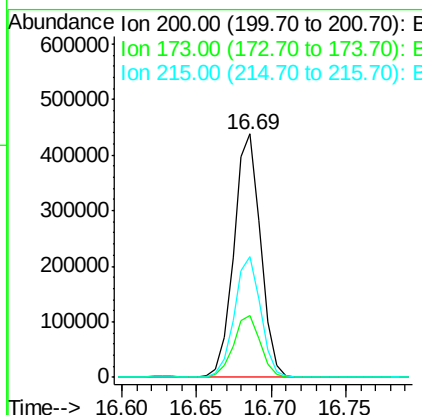
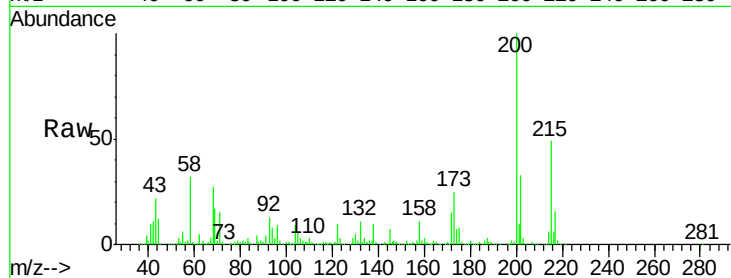




#67
Atrazine
Concen: 20.77 ng/ul
RT: 16.69 min Scan# 2312
Delta R.T. -0.00 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

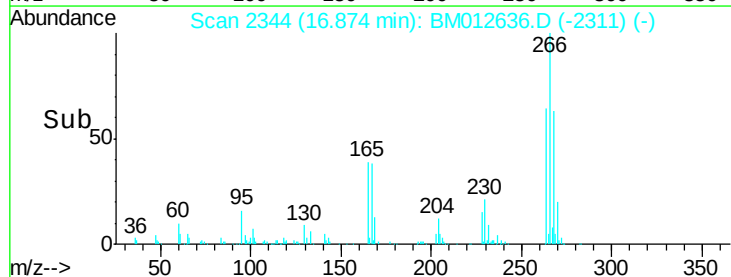
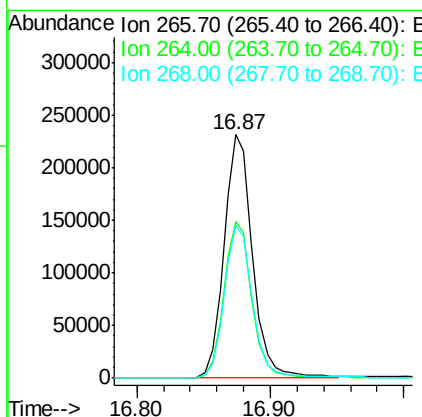
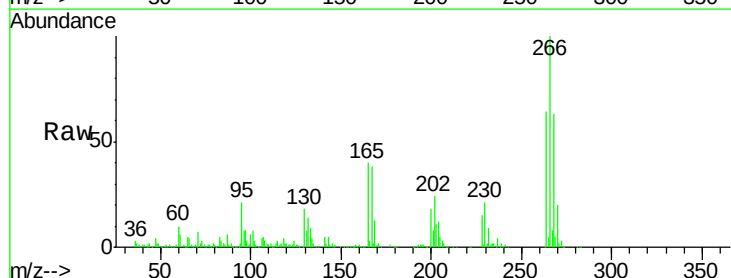
Instrument :
BNA_M
ClientSampleId :
SSTD02079

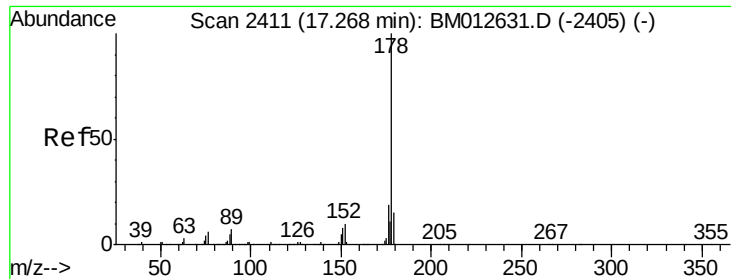
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.4	18.2	27.2
215	49.4	35.0	52.4



#68
Pentachlorophenol
Concen: 22.74 ng/ul
RT: 16.87 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.1	49.3	73.9
268	62.6	52.6	78.8





#69

Phenanthrene

Concen: 20.62 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

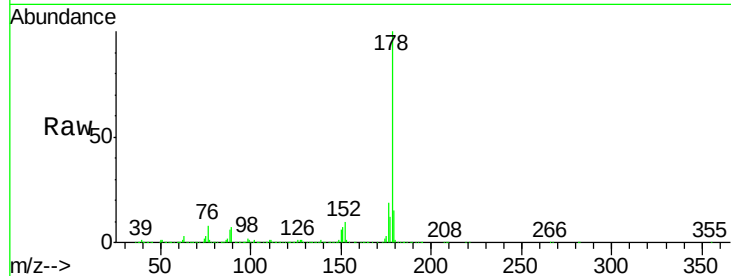
BNA_M

ClientSampleId :

SSTD02079

Tot Ion:178 Resp: 2346672

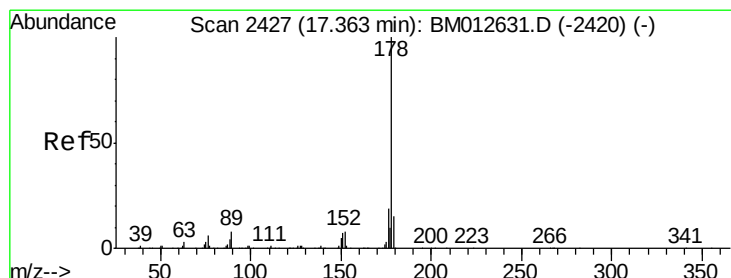
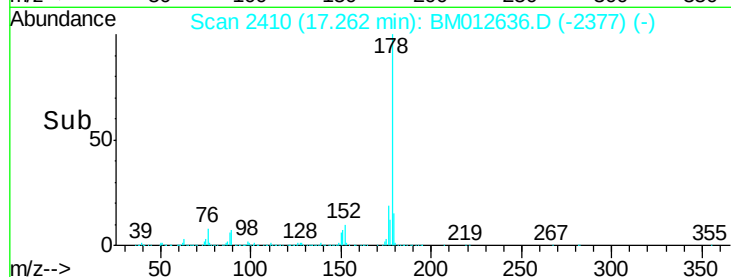
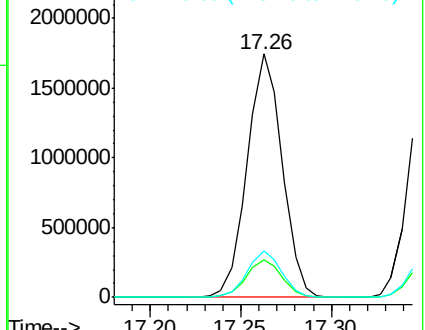
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.2	14.9	22.3



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: 21.02 ng/ul

RT: 17.35 min Scan# 2425

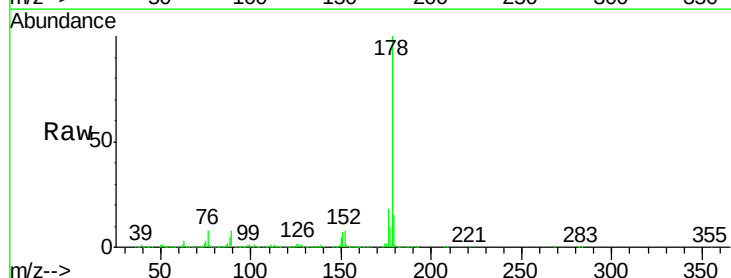
Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Tgt Ion:178 Resp: 2472006

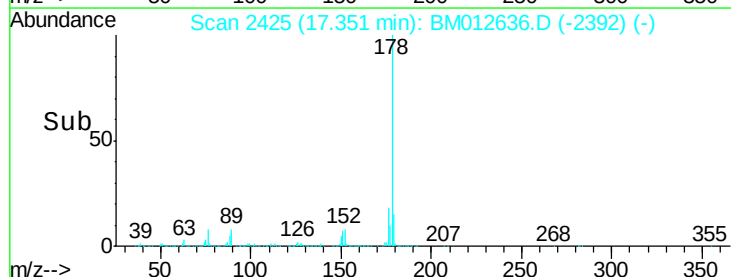
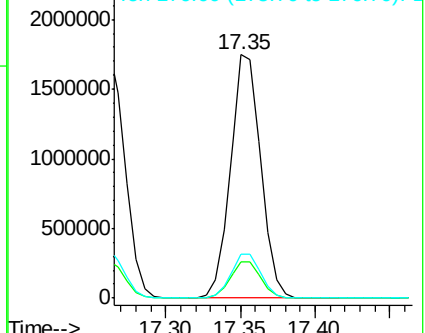
Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.2	14.6	21.8

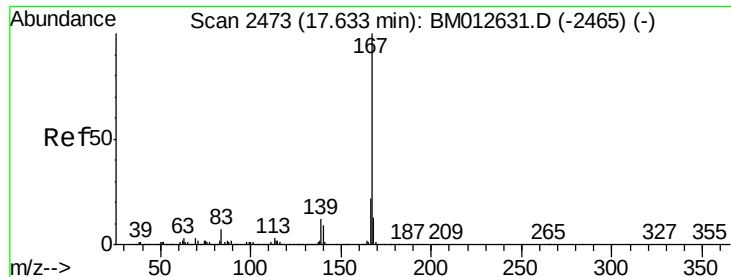


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 21.95 ng/ul

RT: 17.62 min Scan# 2471

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

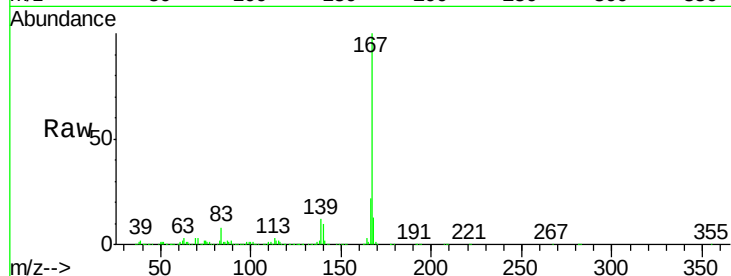
Tot Ion:167 Resp: 2138424

Ion Ratio Lower Upper

167 100

166 21.7 17.1 25.7

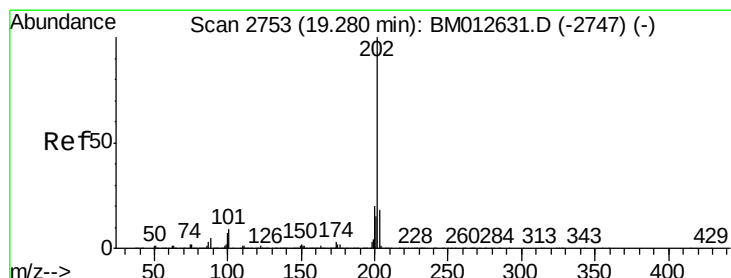
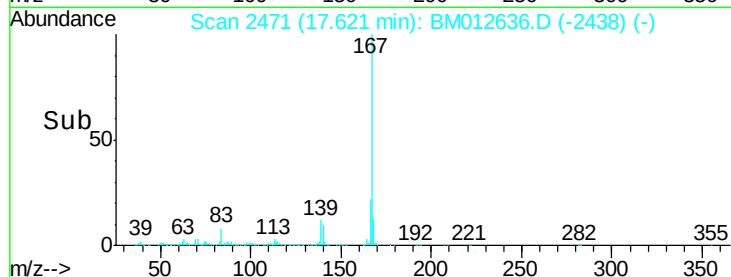
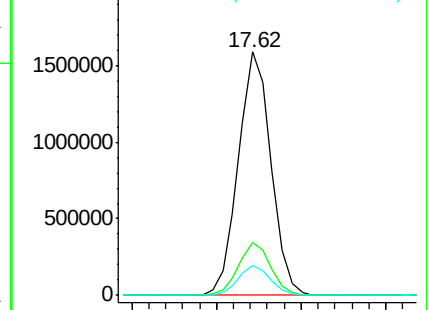
139 12.3 10.0 15.0



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



#74

Fluoranthene

Concen: 23.37 ng/ul

RT: 19.27 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

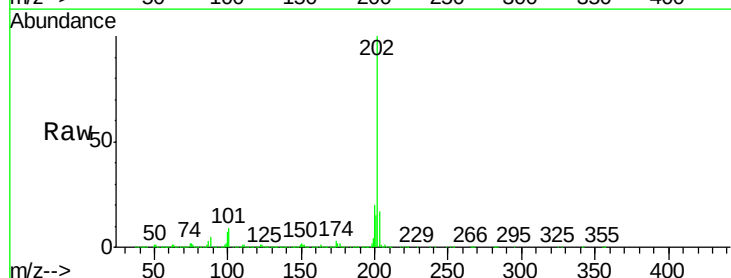
Tgt Ion:202 Resp: 3013839

Ion Ratio Lower Upper

202 100

101 9.2 4.6 7.0#

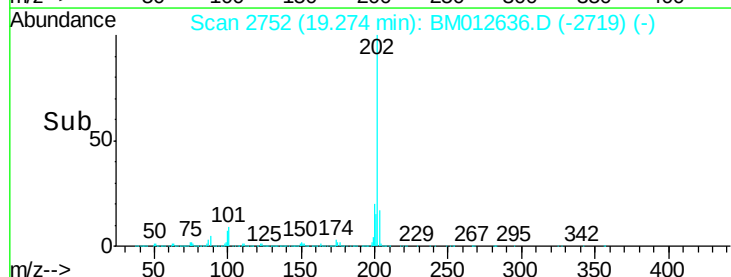
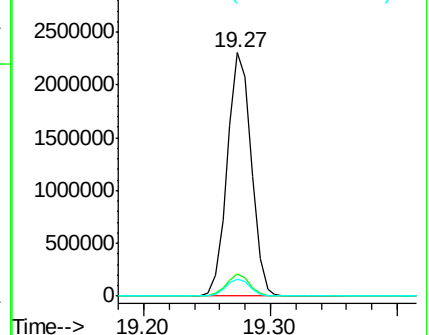
100 7.1 3.4 5.2#

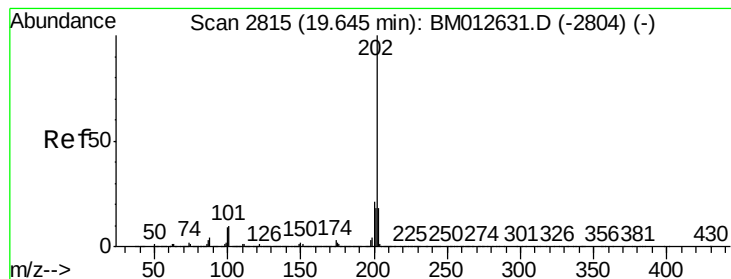


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 20.41 ng/ul

RT: 19.64 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

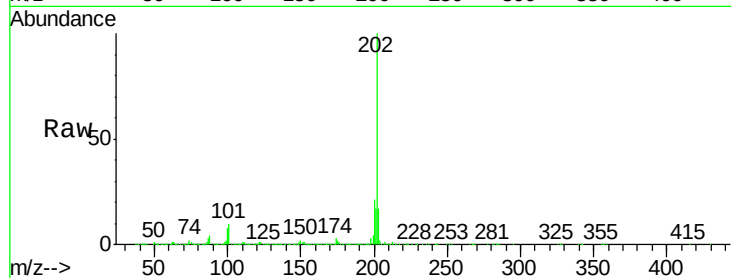
Tot Ion:202 Resp: 3139983

Ion Ratio Lower Upper

202 100

101 10.4 5.1 7.7#

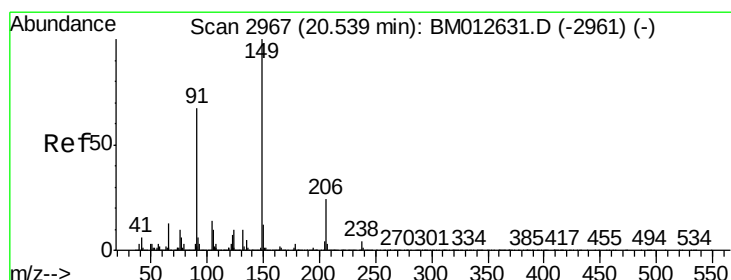
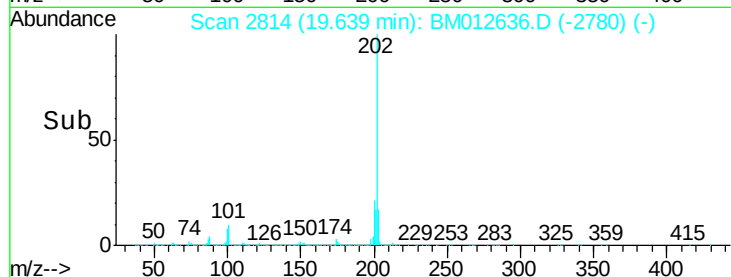
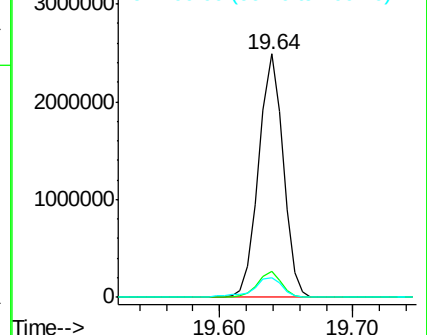
100 8.2 4.9 7.3#



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: 21.59 ng/ul

RT: 20.53 min Scan# 2966

Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

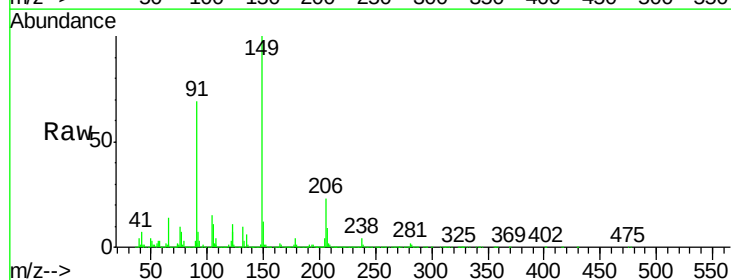
Tgt Ion:149 Resp: 1308958

Ion Ratio Lower Upper

149 100

91 68.5 62.7 94.1

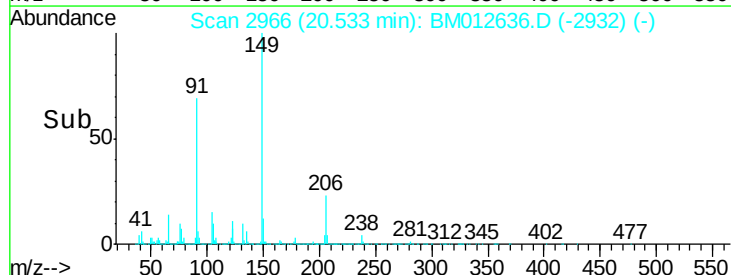
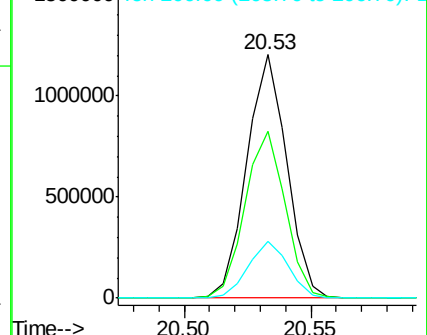
206 23.4 20.8 31.2

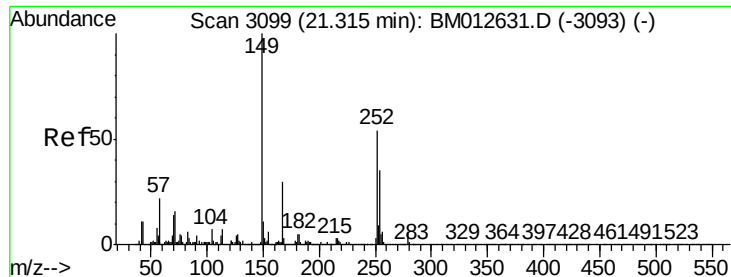


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 18.93 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

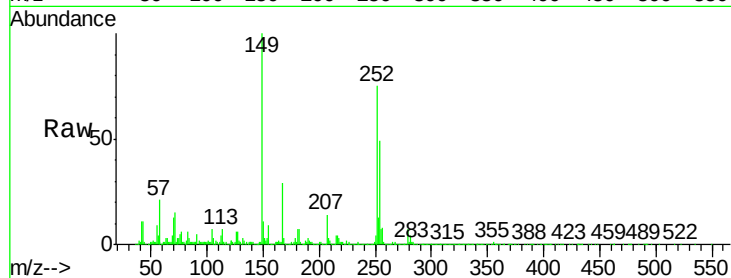
BNA_M

ClientSampleId :

SSTD02079

Tot Ion:252 Resp: 1124162

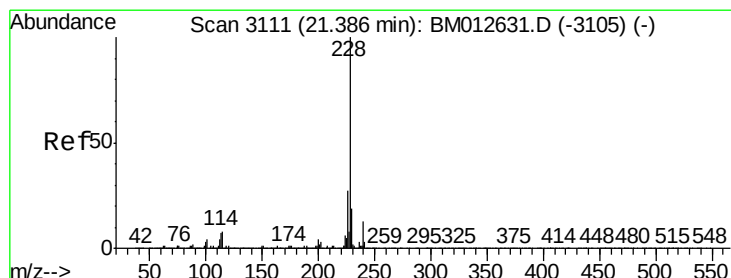
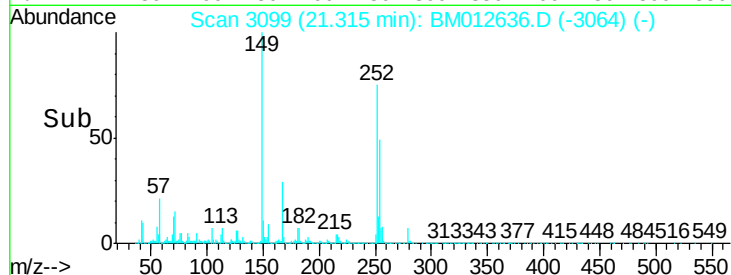
Ion	Ratio	Lower	Upper
252	100		
254	64.9	54.5	81.7
126	7.7	5.8	8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#80

Benzo(a)anthracene

Concen: 20.84 ng/ul

RT: 21.38 min Scan# 3110

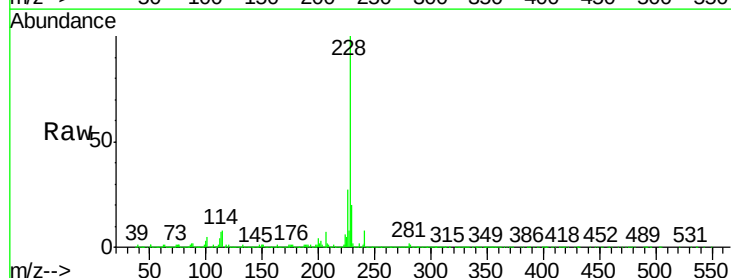
Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Tgt Ion:228 Resp: 3377032

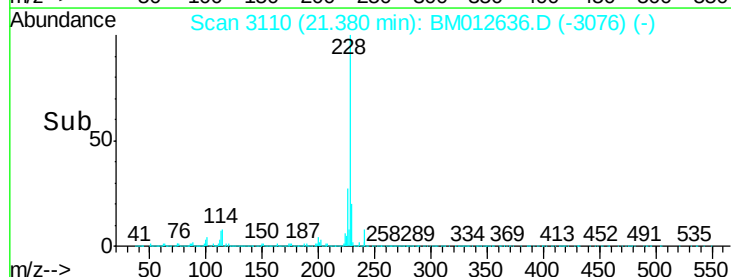
Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	26.9	21.4	32.0

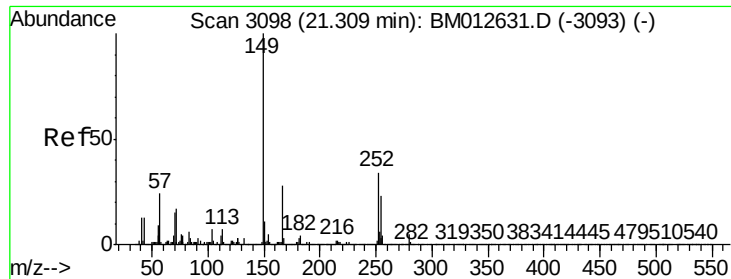


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#81

Bis(2-ethylhexyl)phthalate

Concen: 21.14 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

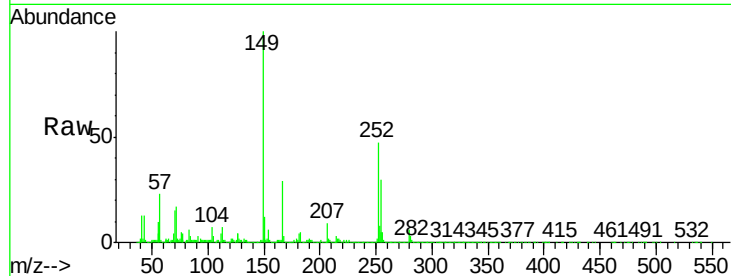
Tot Ion:149 Resp: 1949906

Ion Ratio Lower Upper

149 100

167 28.9 22.8 34.2

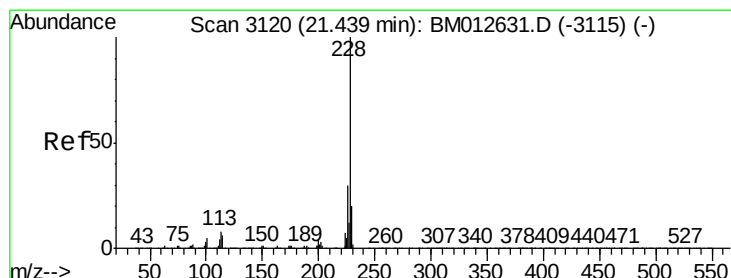
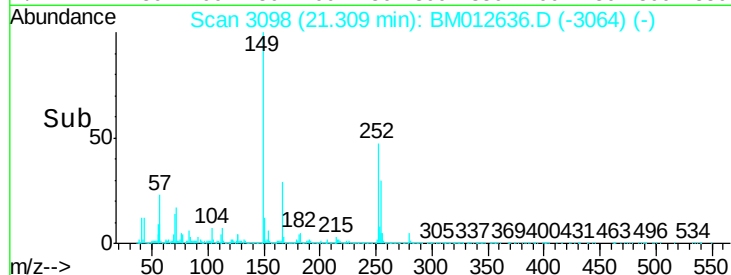
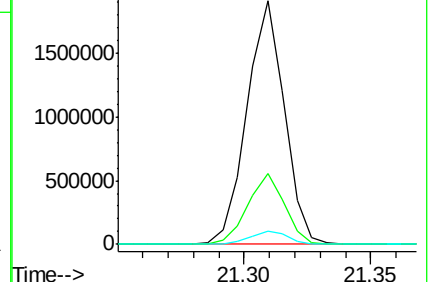
279 5.5 4.9 7.3



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



#82

Chrysene

Concen: 21.02 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

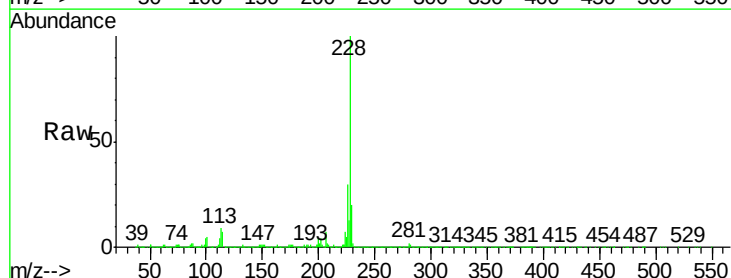
Tgt Ion:228 Resp: 3028517

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.2

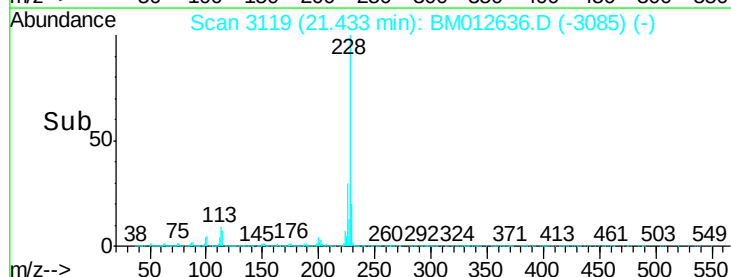
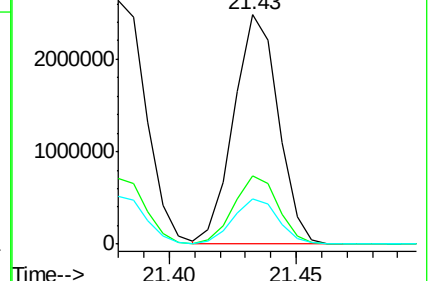
229 19.8 15.5 23.3

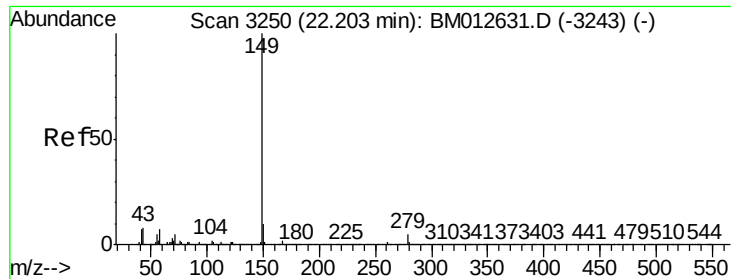


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

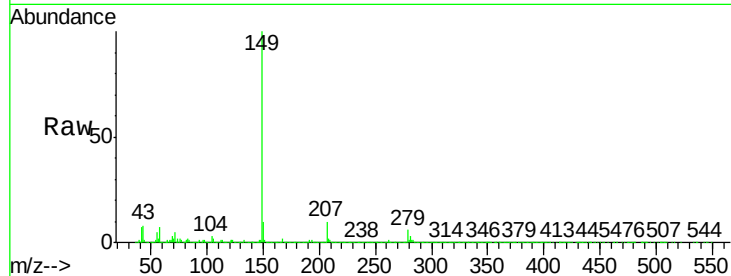




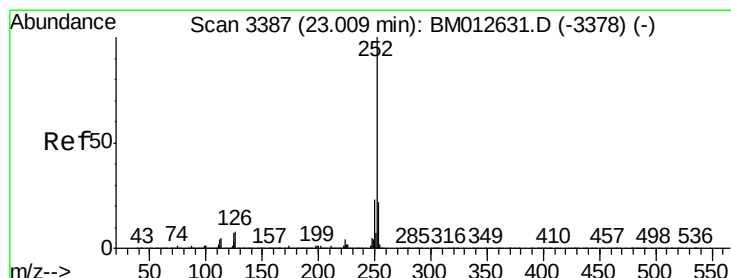
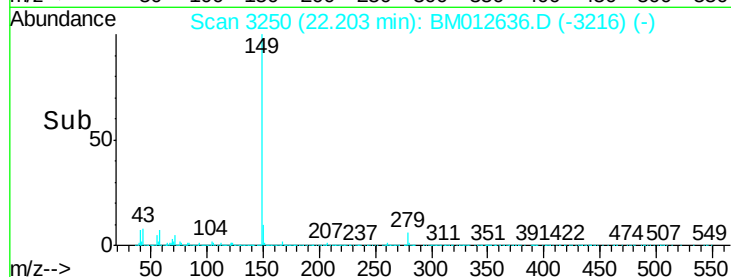
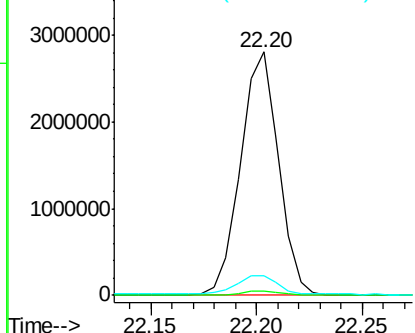
#84
Di-n-octyl phthalate
Concen: 21.22 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. -0.00 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Instrument :
BNA_M
ClientSampleId :
SSTD02079

Tot Ion:149 Resp: 3465839
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.2 7.3 10.9

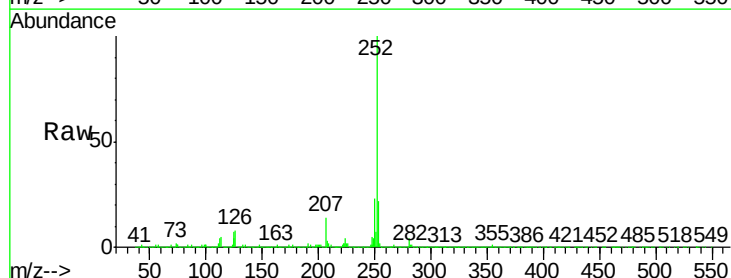


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM

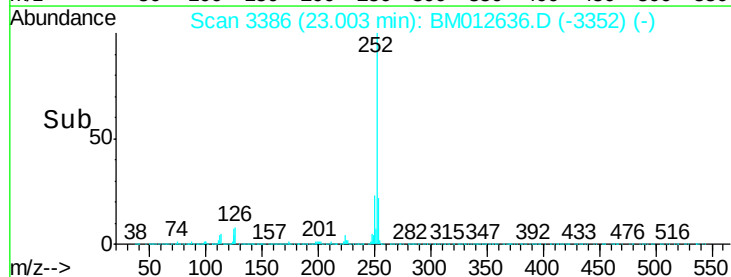
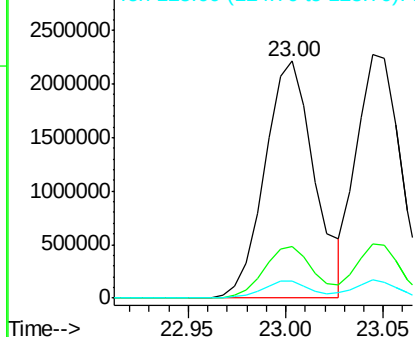


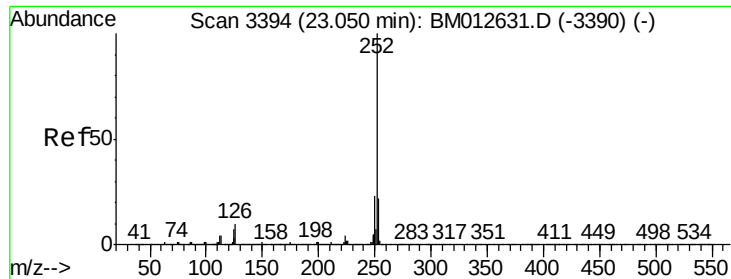
#85
Benzo(b)fluoranthene
Concen: 20.09 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. -0.00 min
Lab File: BM012636.D
Acq: 01 Nov 2017 13:54

Tgt Ion:252 Resp: 3909688
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 7.1 3.6 5.4#



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





#86

Benzo(k)fluoranthene

Concen: 19.36 ng/ul

RT: 23.04 min Scan# 3393

Delta R.T. -0.00 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

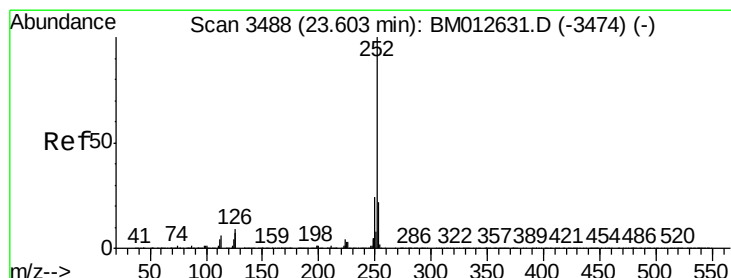
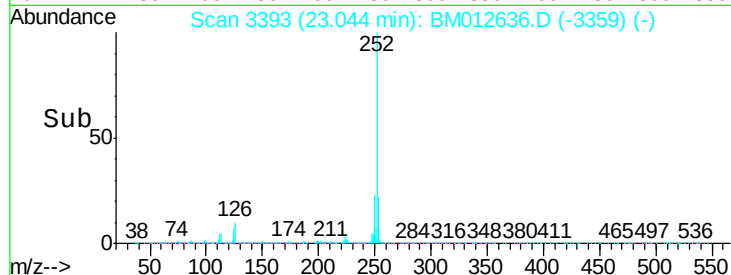
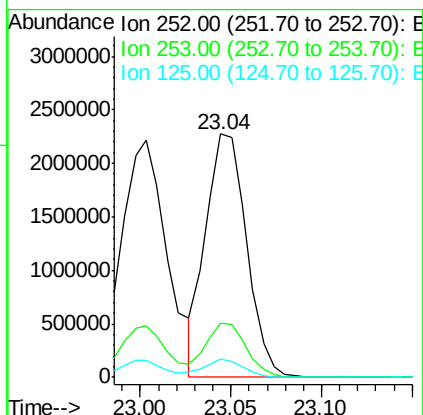
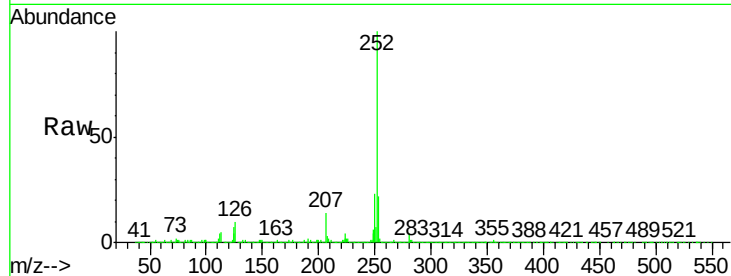
Tot Ion:252 Resp: 3546029

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 7.3 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 19.97 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. 0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

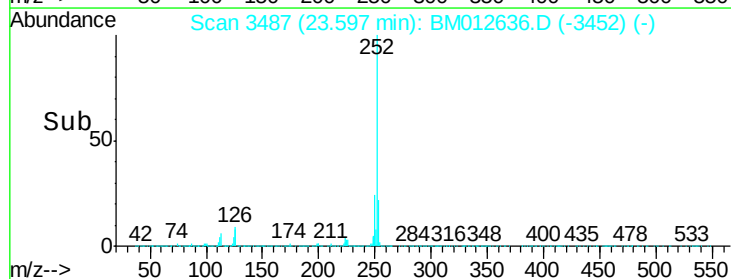
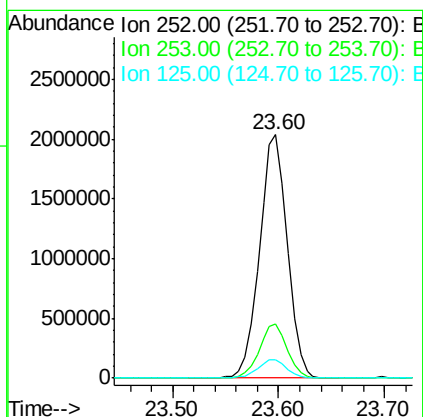
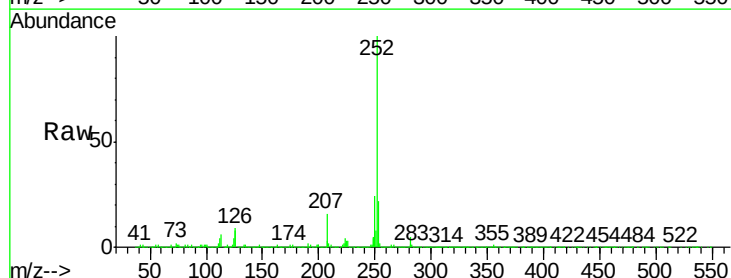
Tgt Ion:252 Resp: 3704507

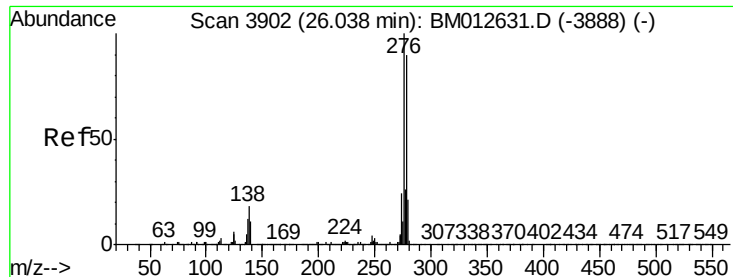
Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

125 7.7 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 20.92 ng/ul

RT: 26.03 min Scan# 3900

Delta R.T. 0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

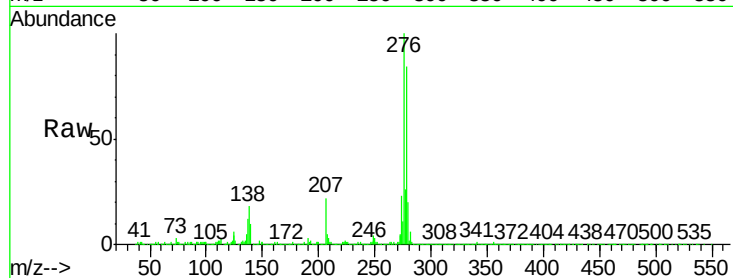
BNA_M

ClientSampleId :

SSTD02079

Tot Ion:276 Resp: 4568078

Ion	Ratio	Lower	Upper
276	100		
138	17.5	9.3	13.9#
277	25.7	19.9	29.9

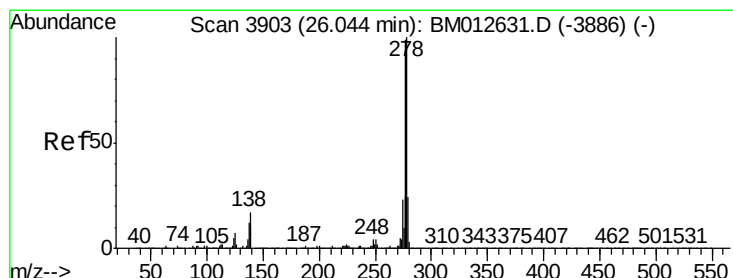
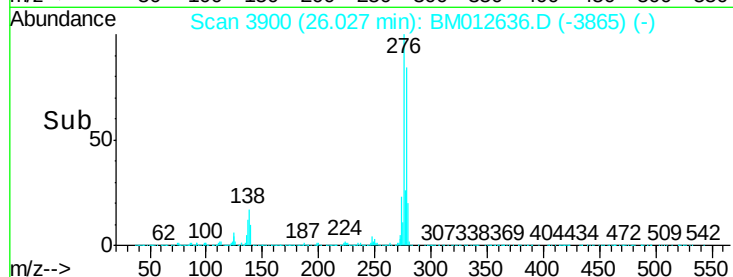
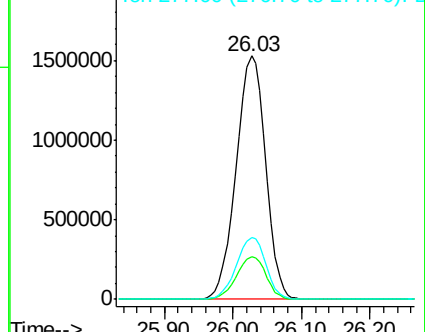


Abundance

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: 20.72 ng/ul

RT: 26.04 min Scan# 3902

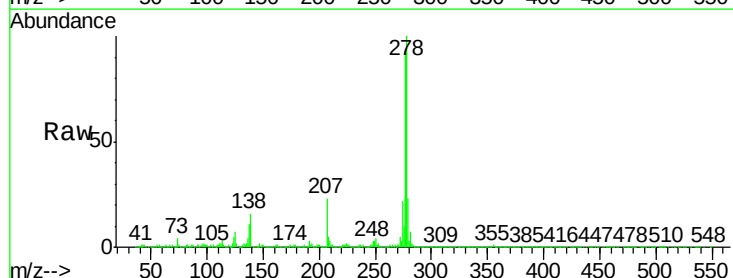
Delta R.T. 0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Tgt Ion:278 Resp: 3836544

Ion	Ratio	Lower	Upper
278	100		
139	11.2	5.8	8.8#
279	22.9	18.6	27.8

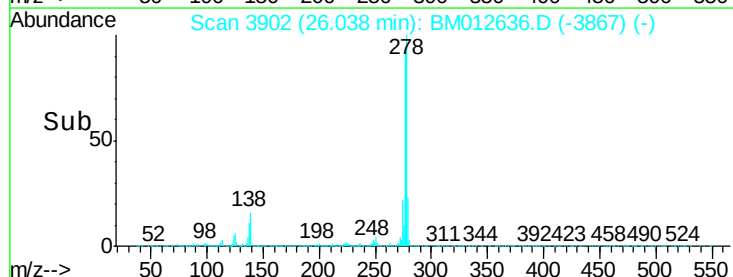
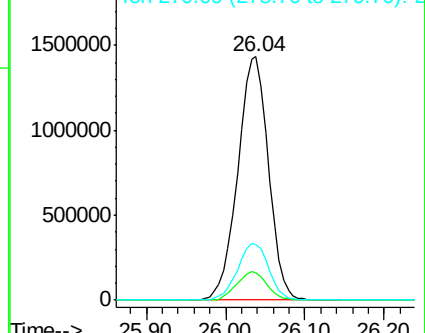


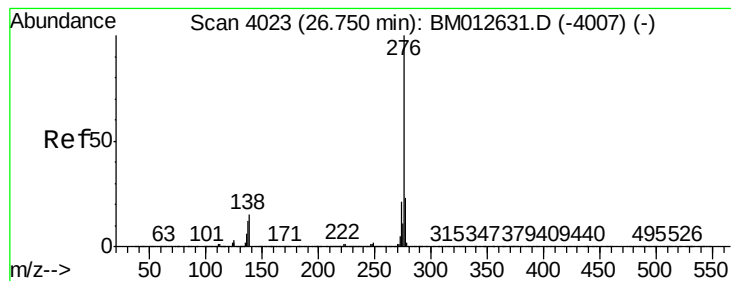
Abundance

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(a,h,i)perylene

Concen: 20.92 ng/ul

RT: 26.74 min Scan# 4022

Delta R.T. 0.01 min

Lab File: BM012636.D

Acq: 01 Nov 2017 13:54

Instrument :

BNA_M

ClientSampleId :

SSTD02079

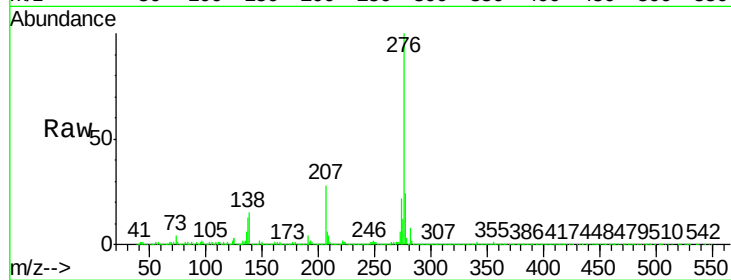
Tot Ion:276 Resp: 3702074

Ion Ratio Lower Upper

276 100

138 14.7 8.5 12.7#

277 24.0 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

