

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110117\
 Data File : BM012649.D
 Acq On : 01 Nov 2017 22:36
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02080

Quant Time: Nov 02 01:38:22 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 02 01:34:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	165764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	739573	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	511495	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	1311947	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1762351	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	2063766	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	26478	8.16	ng/uL	0.00
5) Phenol-d5	7.01	99	279428	20.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	153891	18.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	218830	21.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	245555	20.75	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	113808	24.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	132822	27.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	276538	21.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	321420	24.12	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	904387	20.24	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1074553	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	156442	23.55	ng/ul	0.00
57) Fluorene-d10	15.47	176	759541	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	161939	25.51	ng/ul	0.00
70) Anthracene-d10	17.32	188	1294212	20.70	ng/ul	0.00
76) Pyrene-d10	19.60	212	1549046	19.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1960323	19.99	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.36	88	27207	7.85 ng/uL#	62
4) Benzaldehyde	6.99	77	178119	23.66 ng/ul	87
6) Phenol	7.04	94	287877	19.97 ng/ul#	80
8) Bis(2-Chloroethyl)ether	7.26	93	210697	19.87 ng/ul	98
10) 2-Chlorophenol	7.41	128	226130	21.31 ng/ul	96
11) 2-Methylphenol	8.28	108	221933	20.41 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	212296	18.22 ng/ul#	79
14) Acetophenone	8.66	105	375777	20.21 ng/ul#	85
15) N-Nitroso-di-n-propylamine	8.65	70	194213	19.14 ng/ul#	62
16) 4-Methylphenol	8.61	108	249580	20.98 ng/ul	92
17) Hexachloroethane	8.92	117	88771	19.74 ng/ul	92
20) Nitrobenzene	9.04	77	274832	20.60 ng/ul#	90
21) Isophorone	9.56	82	540252	19.13 ng/ul#	92
23) 2-Nitrophenol	9.75	139	142496	26.88 ng/ul#	76
24) 2,4-Dimethylphenol	9.81	107	297535	19.95 ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.04	93	313211	19.74 ng/ul	94
27) 2,4-Dichlorophenol	10.28	162	265155	21.50 ng/ul	92
28) Naphthalene	10.68	128	751100	20.48 ng/ul	99
30) 4-Chloroaniline	10.79	127	315412	23.50 ng/ul	95
31) Hexachlorobutadiene	10.96	225	184636	19.52 ng/ul	96
32) Caprolactam	11.56	113	93791	23.48 ng/ul#	33
33) 4-Chloro-3-methylphenol	11.92	107	288946	20.86 ng/ul	95
34) 2-Methylnaphthalene	12.29	142	607480	20.40 ng/ul	98

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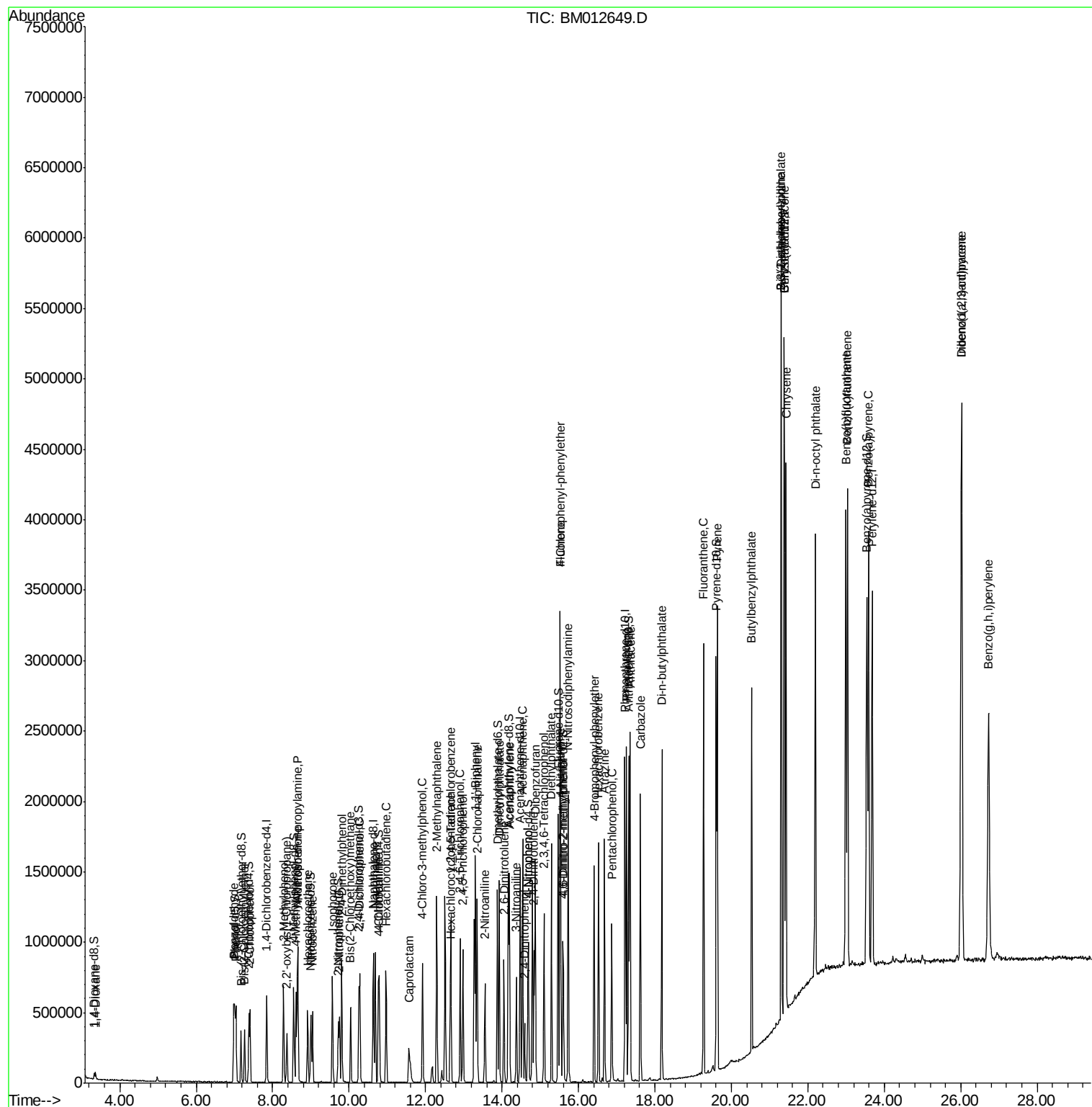
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	371735	20.52	ng/ul	97
37) Hexachlorocyclopentadiene	12.64	237	132733	11.35	ng/ul	97
38) 2,4,6-Trichlorophenol	12.90	196	254558	23.47	ng/ul	96
39) 2,4,5-Trichlorophenol	12.98	196	265995	23.14	ng/ul	98
40) 1,1'-Biphenyl	13.30	154	832668	20.40	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	657869	20.55	ng/ul	99
42) 2-Nitroaniline	13.55	65	185538	24.92	ng/ul	86
44) Dimethylphthalate	13.93	163	901574	20.40	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	191014	27.19	ng/ul#	82
47) Acenaphthylene	14.19	152	1039706	20.61	ng/ul	99
48) 3-Nitroaniline	14.38	138	182103	27.67	ng/ul	82
49) Acenaphthene	14.54	153	707867	20.49	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	100499	25.49	ng/ul	88
52) 4-Nitrophenol	14.69	109	137684	20.43	ng/ul	79
53) Dibenzofuran	14.87	168	1050289	20.54	ng/ul	96
54) 2,4-Dinitrotoluene	14.84	165	282791	26.88	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.10	232	261479	24.57	ng/ul	98
56) Diethylphthalate	15.29	149	902465	20.03	ng/ul	96
58) Fluorene	15.52	166	887958	20.53	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	474599	20.17	ng/ul	96
60) 4-Nitroaniline	15.54	138	206381	25.01	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.61	198	180544	25.85	ng/ul#	83
64) N-Nitrosodiphenylamine	15.73	169	774024	20.30	ng/ul	98
65) 4-Bromophenyl-phenylether	16.41	248	327060	20.81	ng/ul	95
66) Hexachlorobenzene	16.53	284	372500	21.43	ng/ul	100
67) Atrazine	16.68	200	336755	20.54	ng/ul	92
68) Pentachlorophenol	16.87	266	219922	23.13	ng/ul	96
69) Phenanthrene	17.26	178	1457422	20.54	ng/ul	100
71) Anthracene	17.35	178	1527968	20.84	ng/ul	100
72) Carbazole	17.62	167	1334514	21.97	ng/ul	99
73) Di-n-butylphthalate	18.18	149	1583079	20.44	ng/ul#	97
74) Fluoranthene	19.27	202	1889529	23.50	ng/ul#	94
77) Pyrene	19.63	202	1984234	19.80	ng/ul#	92
78) Butylbenzylphthalate	20.53	149	769688	19.49	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.31	252	795106	20.56	ng/ul	97
80) Benzo(a)anthracene	21.38	228	2167449	20.54	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	1165047	19.39	ng/ul	99
82) Chrysene	21.43	228	1957567	20.86	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	2048795	19.14	ng/ul	96
85) Benzo(b)fluoranthene	23.00	252	2415576	18.93	ng/ul#	99
86) Benzo(k)fluoranthene	23.04	252	2410840	20.08	ng/ul#	98
88) Benzo(a)pyrene	23.59	252	2422550	19.92	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.01	276	2997629	20.94	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.03	278	2546346	20.98	ng/ul#	97
91) Benzo(g,h,i)perylene	26.73	276	2397430	20.66	ng/ul#	97

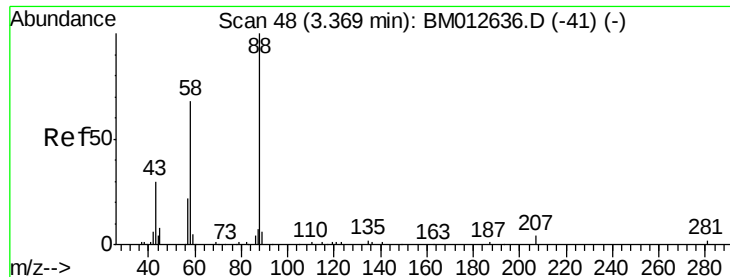
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.85 ng/uL

RT: 3.36 min Scan# 47

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

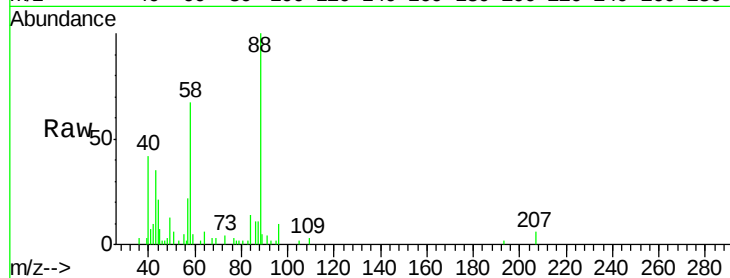
Tot Ion: 88 Resp: 27207

Ion Ratio Lower Upper

88 100

43 26.5 48.0 72.0#

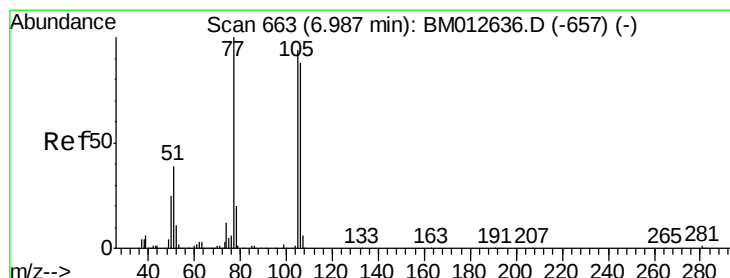
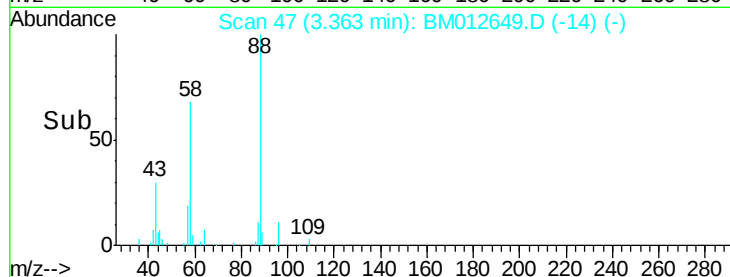
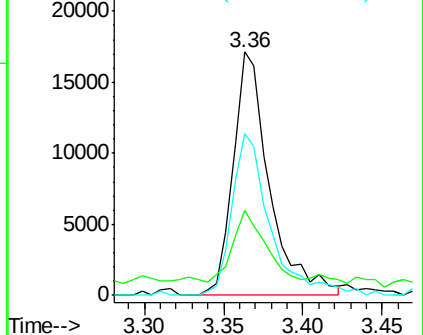
58 65.8 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM012636.D (-41) (-)

Ion 43.00 (42.70 to 43.70): BM012636.D (-41) (-)

Ion 58.00 (57.70 to 58.70): BM012636.D (-41) (-)



#4

Benzaldehyde

Concen: 23.66 ng/uL

RT: 6.99 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

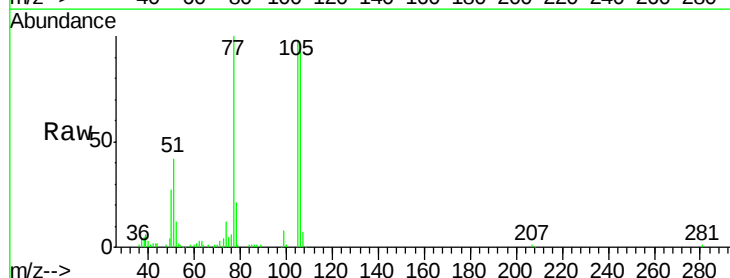
Tgt Ion: 77 Resp: 178119

Ion Ratio Lower Upper

77 100

105 98.0 66.1 99.1

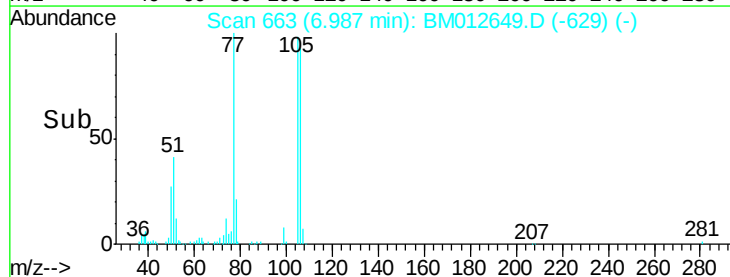
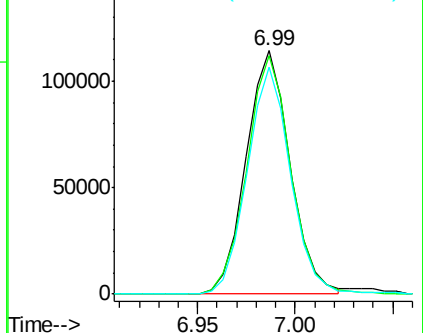
106 93.4 67.8 101.6

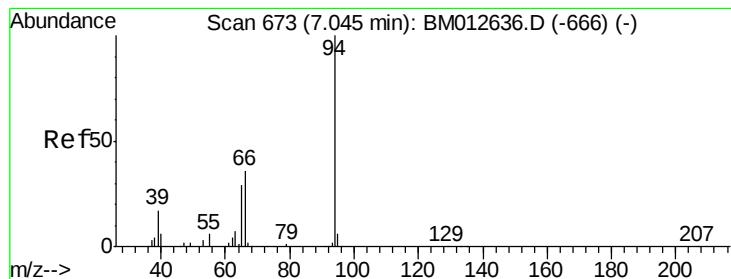


Abundance Ion 77.00 (76.70 to 77.70): BM012636.D (-657) (-)

Ion 105.00 (104.70 to 105.70): BM012636.D (-657) (-)

Ion 106.00 (105.70 to 106.70): BM012636.D (-657) (-)





#6

Phenol

Concen: 19.97 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

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ClientSampleId :

SSTD02080

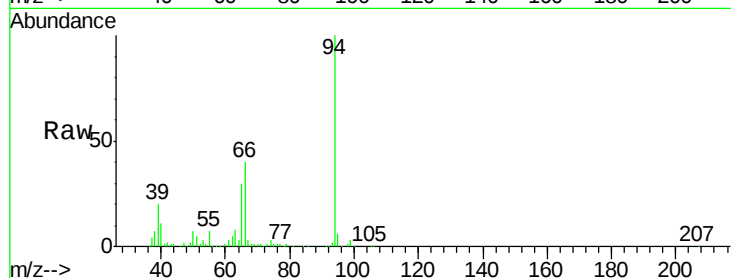
Tot Ion: 94 Resp: 287877

Ion Ratio Lower Upper

94 100

65 29.9 28.2 42.4

66 39.6 47.2 70.8#

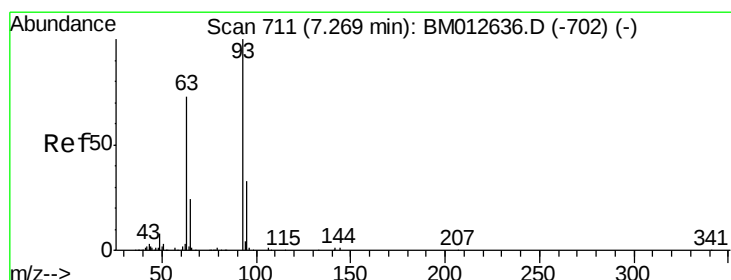
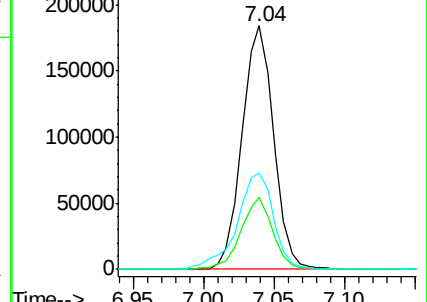
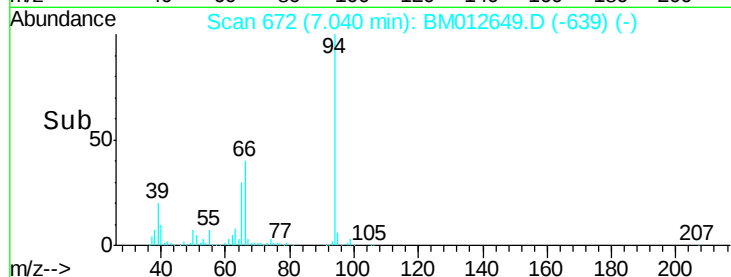


Abundance Ion 94.00 (93.70 to 94.70): BM012636.D (-666) (-)

Ion 65.00 (64.70 to 65.70): BM012636.D (-666) (-)

Ion 66.00 (65.70 to 66.70): BM012636.D (-666) (-)

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 19.87 ng/ul

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

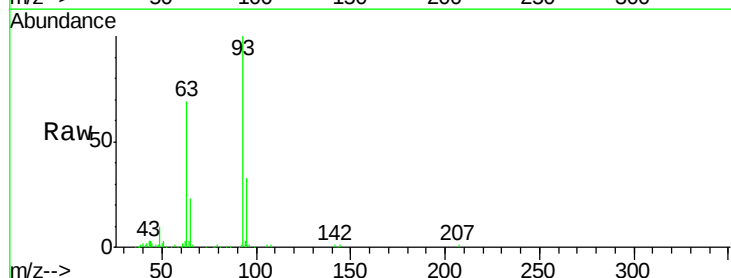
Tgt Ion: 93 Resp: 210697

Ion Ratio Lower Upper

93 100

63 69.4 57.3 85.9

95 33.0 26.6 39.8

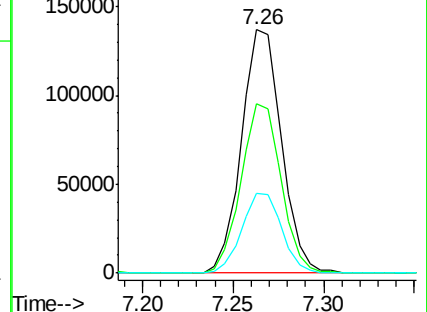
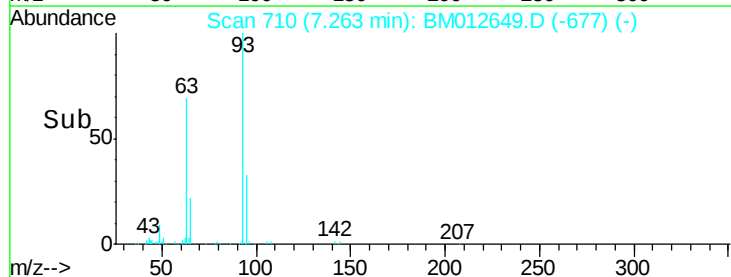


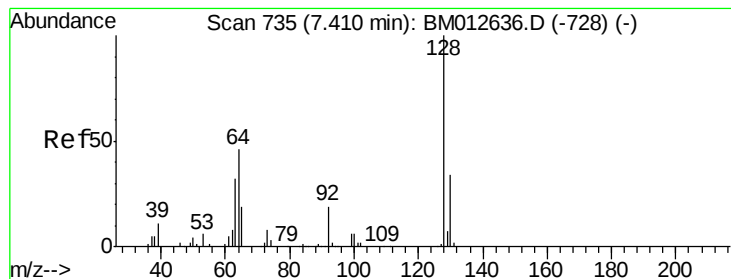
Abundance Ion 93.00 (92.70 to 93.70): BM012636.D (-702) (-)

Ion 63.00 (62.70 to 63.70): BM012636.D (-702) (-)

Ion 95.00 (94.70 to 95.70): BM012636.D (-702) (-)

Time-->





#10

2-Chlorophenol

Concen: 21.31 ng/ul

RT: 7.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

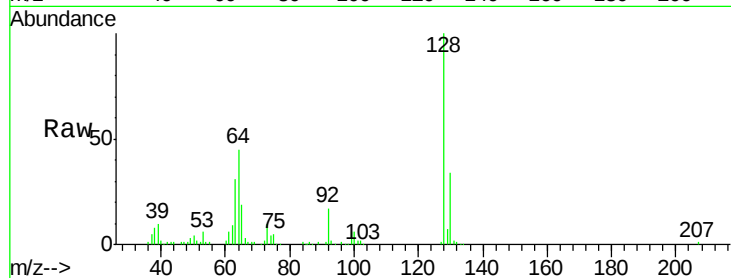
Tot Ion:128 Resp: 226130

Ion Ratio Lower Upper

128 100

64 45.4 38.0 57.0

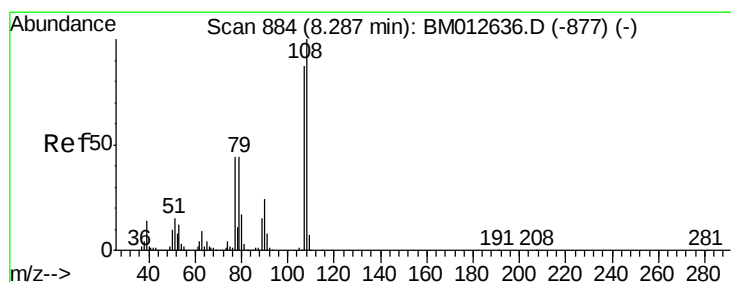
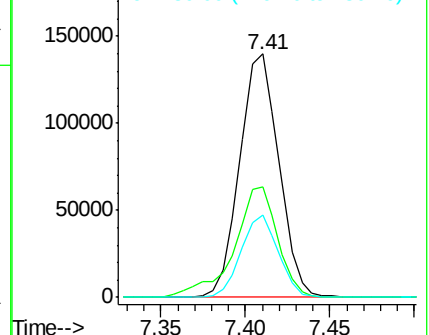
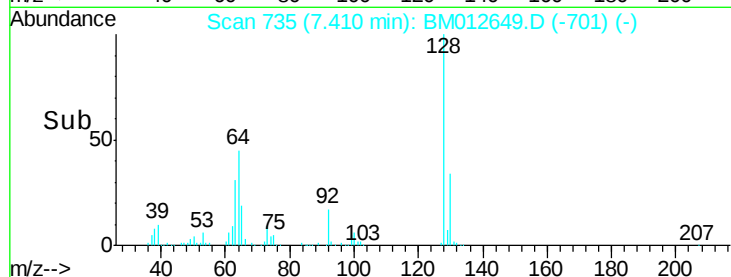
130 33.9 24.4 36.6



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: 20.41 ng/ul

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BM012649.D

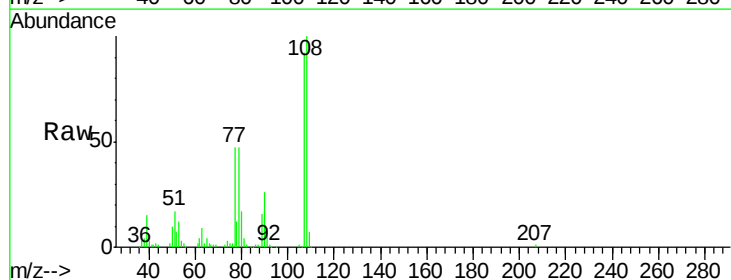
Acq: 01 Nov 2017 22:36

Tgt Ion:108 Resp: 221933

Ion Ratio Lower Upper

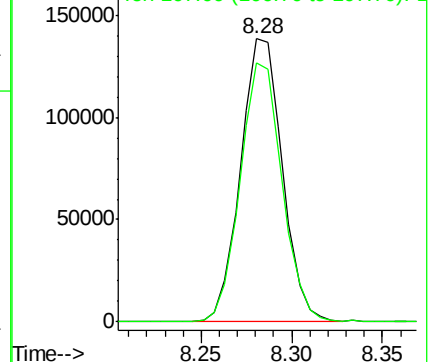
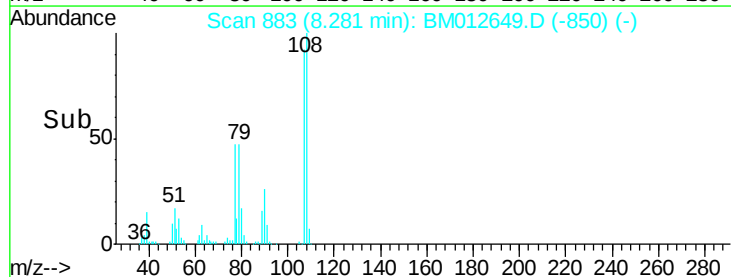
108 100

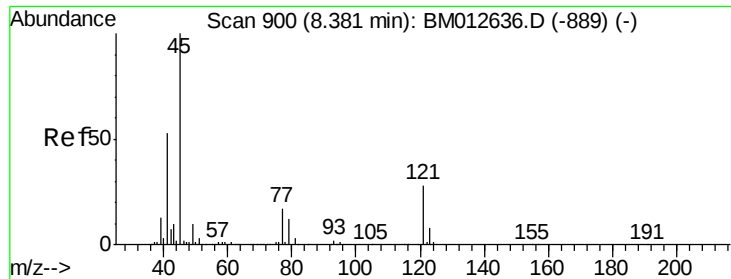
107 91.5 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

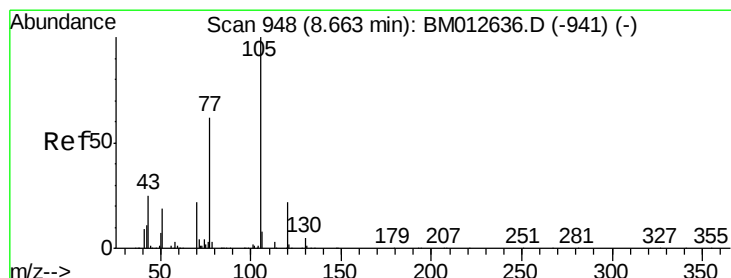
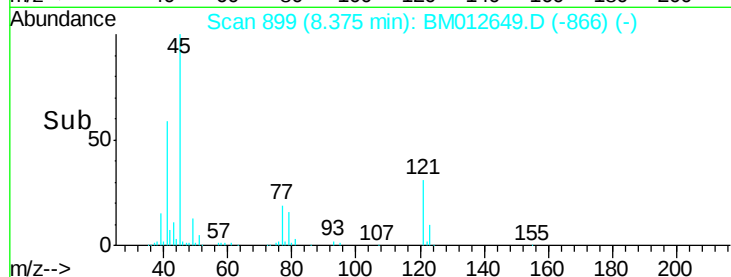
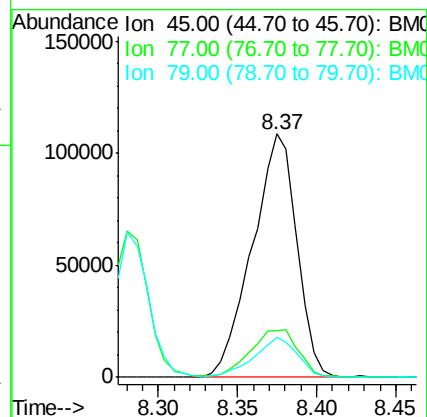
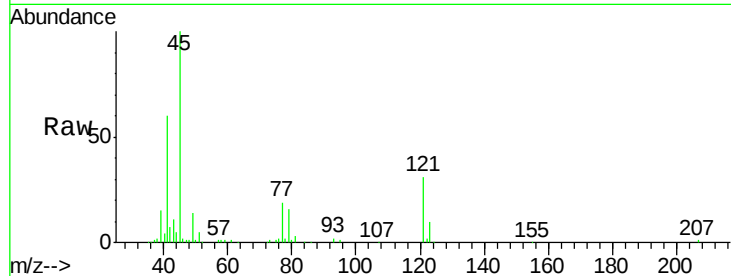




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.22 ng/ul
RT: 8.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

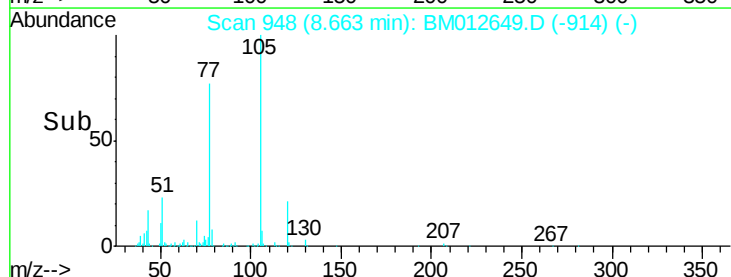
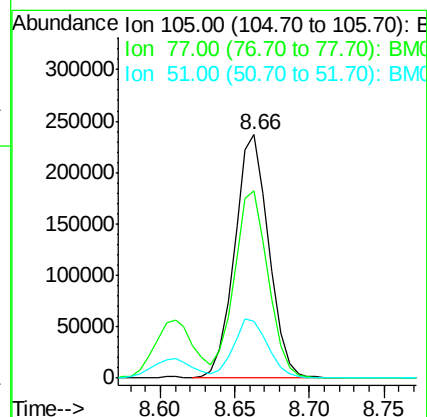
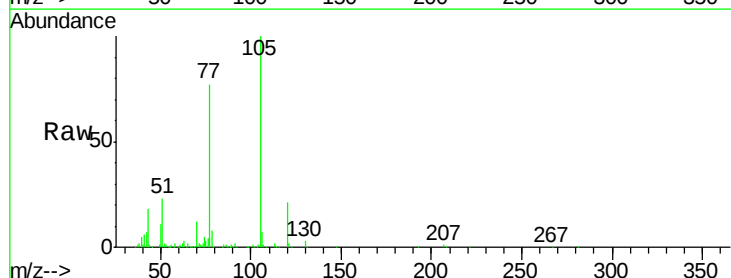
Instrument :
BNA_M
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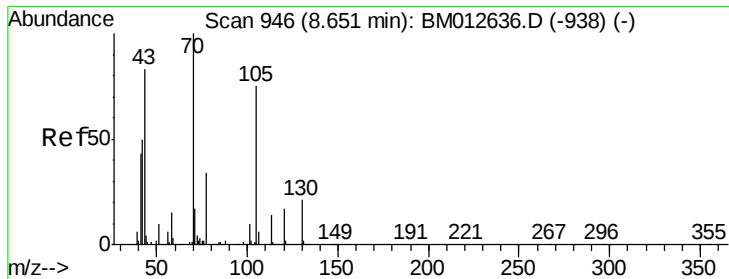
Tot Ion: 45 Resp: 212296
Ion Ratio Lower Upper
45 100
77 19.1 8.0 12.0#
79 16.3 8.0 12.0#



#14
Acetophenone
Concen: 20.21 ng/ul
RT: 8.66 min Scan# 948
Delta R.T. -0.00 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion:105 Resp: 375777
Ion Ratio Lower Upper
105 100
77 76.9 74.2 111.4
51 23.4 23.4 35.2#

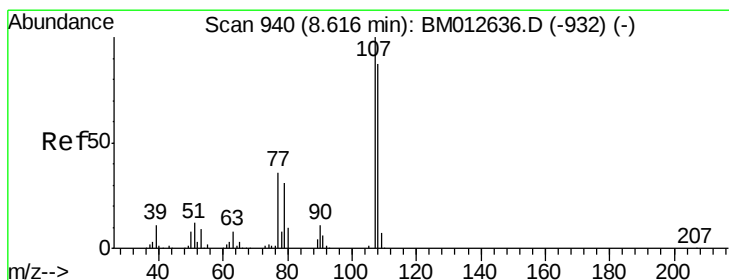
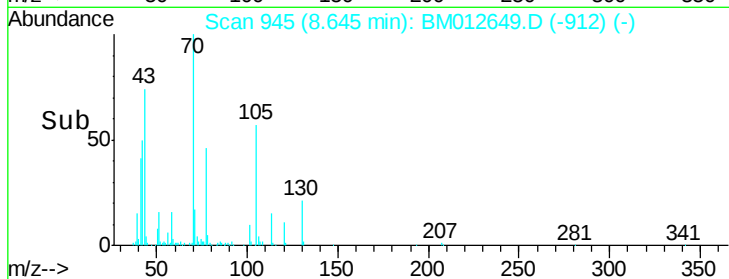
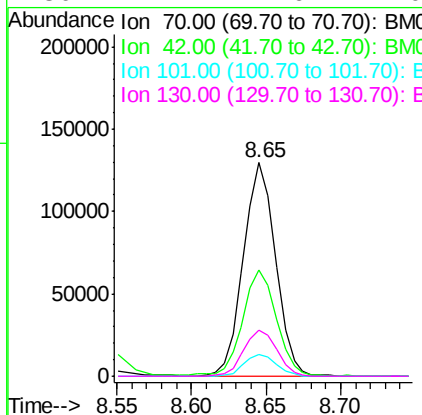
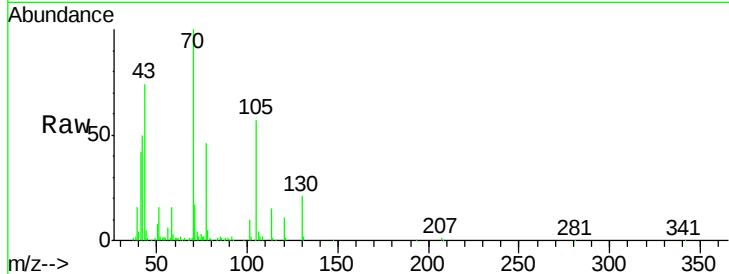




#15
N-Nitroso-di-n-propylamine
Concen: 19.14 ng/ul
RT: 8.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

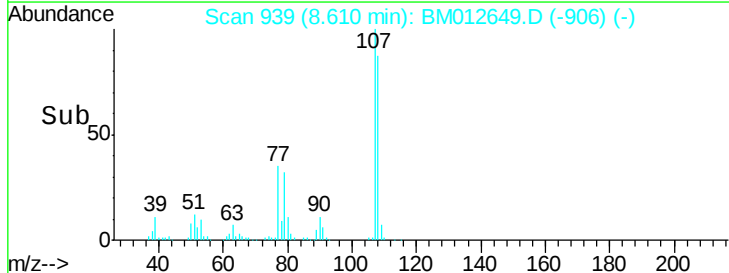
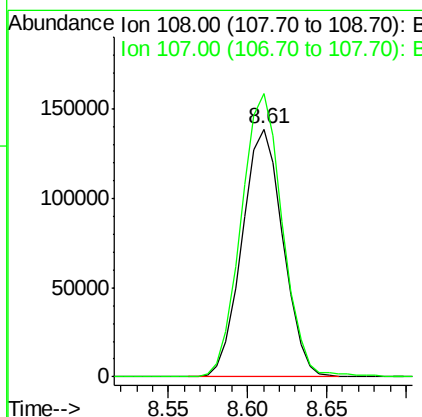
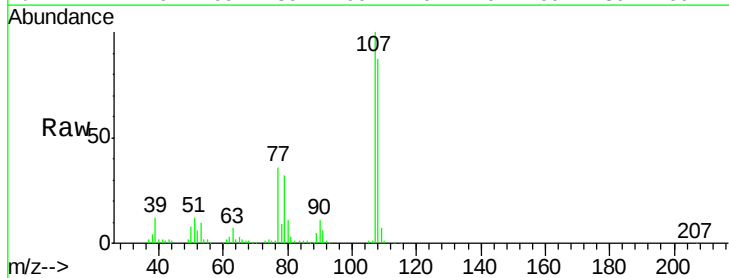
Instrument :
BNA_M
ClientSampleId :
SSTD02080

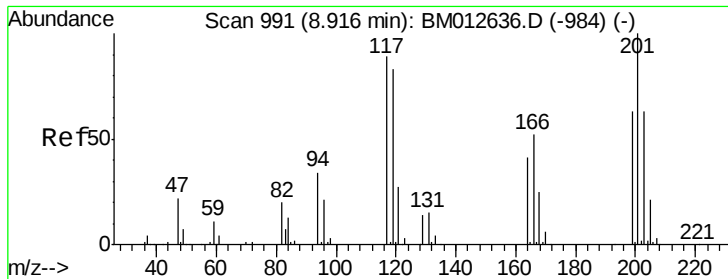
Tot Ion: 70 Resp: 194213
Ion Ratio Lower Upper
70 100
42 50.0 76.0 114.0#
101 10.1 6.7 10.1#
130 21.4 14.6 22.0



#16
4-Methylphenol
Concen: 20.98 ng/ul
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion: 108 Resp: 249580
Ion Ratio Lower Upper
108 100
107 114.3 84.9 127.3

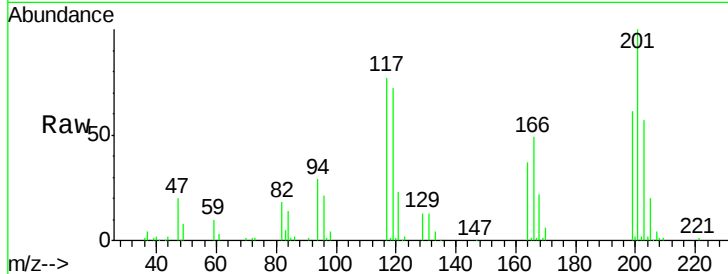




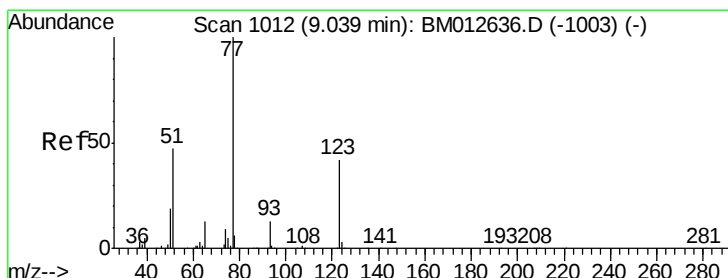
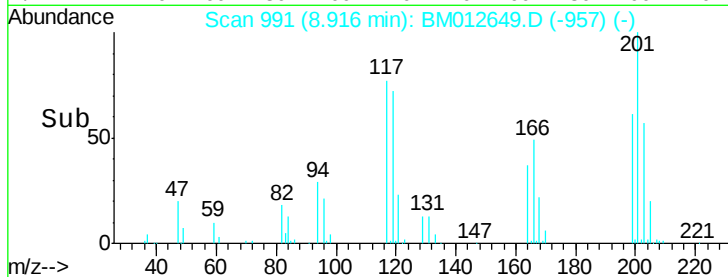
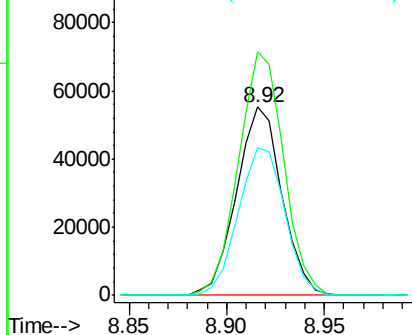
#17
Hexachloroethane
Concen: 19.74 ng/ul
RT: 8.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD02080

Tot Ion:117 Resp: 88771
Ion Ratio Lower Upper
117 100
201 129.3 111.6 167.4
199 78.6 67.8 101.6

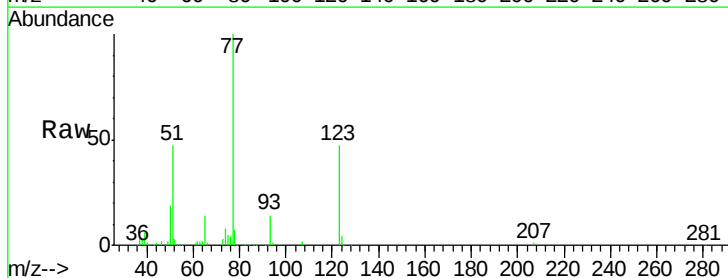


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

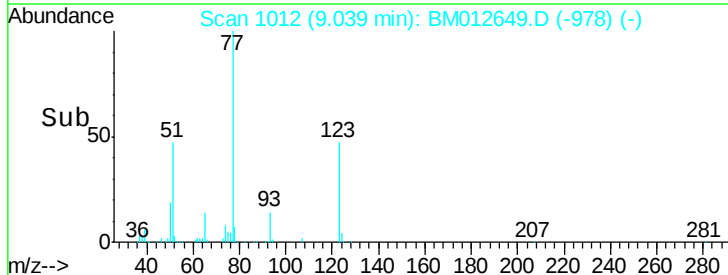
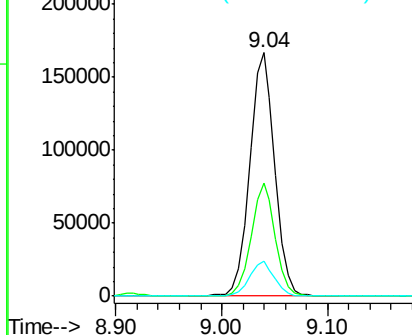


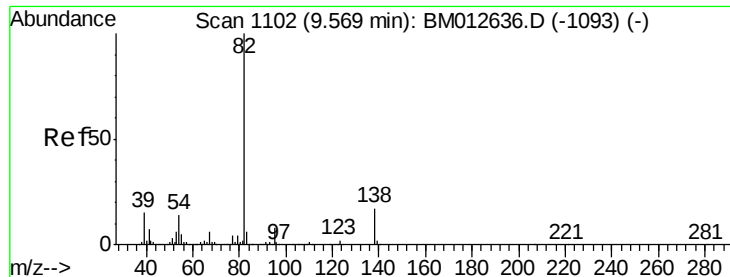
#20
Nitrobenzene
Concen: 20.60 ng/ul
RT: 9.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion: 77 Resp: 274832
Ion Ratio Lower Upper
77 100
123 46.6 31.0 46.6#
65 14.4 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: 19.13 ng/ul

RT: 9.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

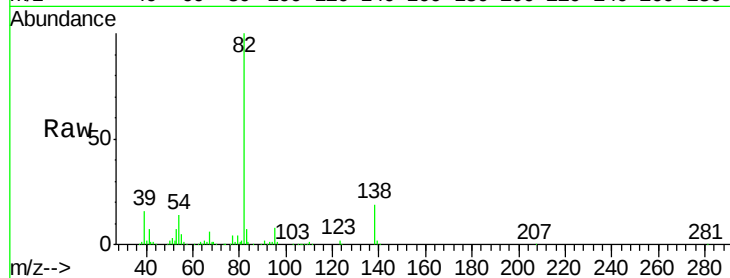
Tot Ion: 82 Resp: 540252

Ion Ratio Lower Upper

82 100

95 8.2 7.8 11.8

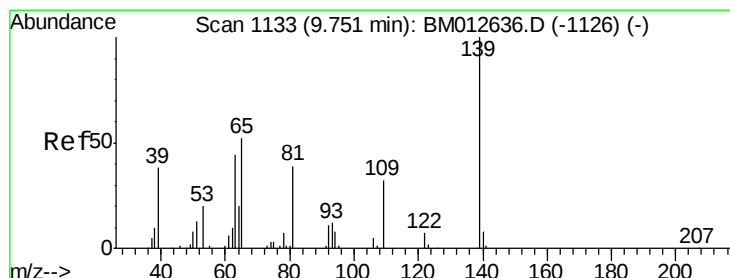
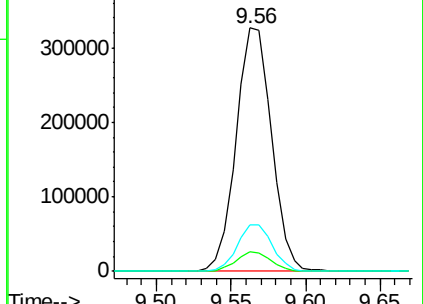
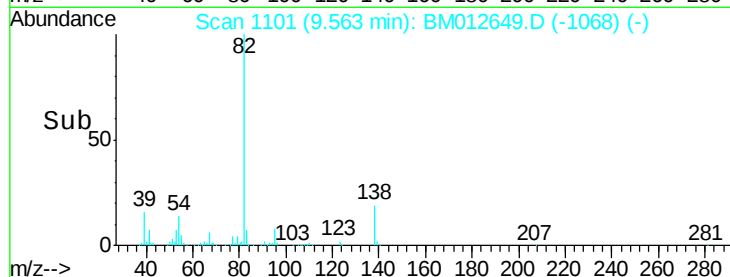
138 19.0 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM012636.D (-1093) (-)

Ion 95.00 (94.70 to 95.70): BM012636.D (-1093) (-)

Ion 138.00 (137.70 to 138.70): BM012636.D (-1093) (-)



#23

2-Nitrophenol

Concen: 26.88 ng/ul

RT: 9.75 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

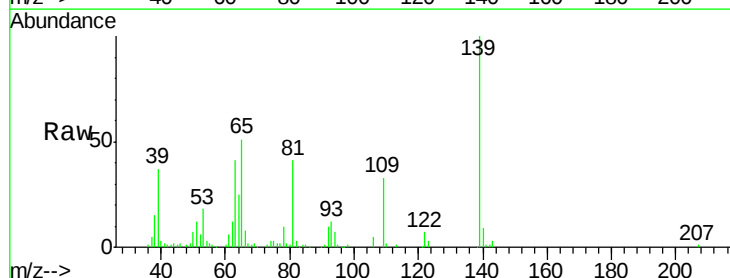
Tgt Ion: 139 Resp: 142496

Ion Ratio Lower Upper

139 100

65 51.3 55.4 83.0#

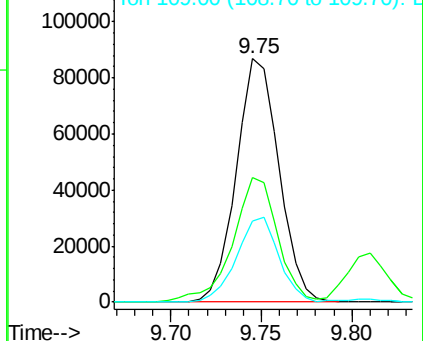
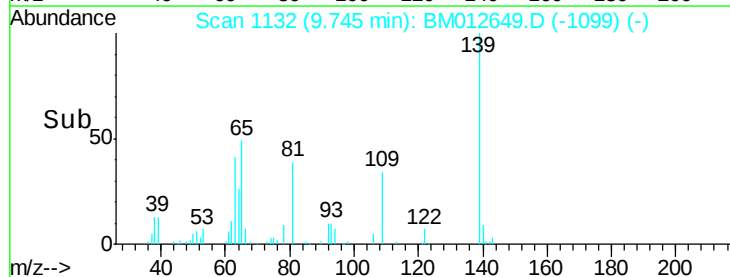
109 33.4 42.2 63.2#

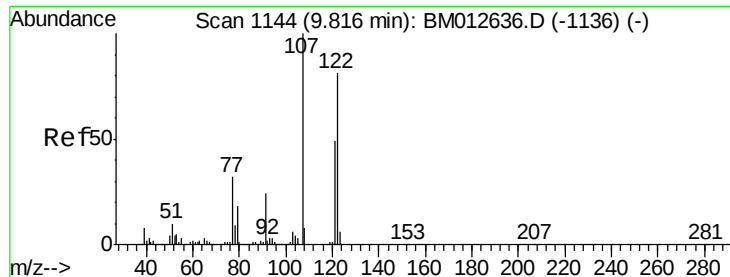


Abundance Ion 139.00 (138.70 to 139.70): BM012636.D (-1126) (-)

Ion 65.00 (64.70 to 65.70): BM012636.D (-1126) (-)

Ion 109.00 (108.70 to 109.70): BM012636.D (-1126) (-)

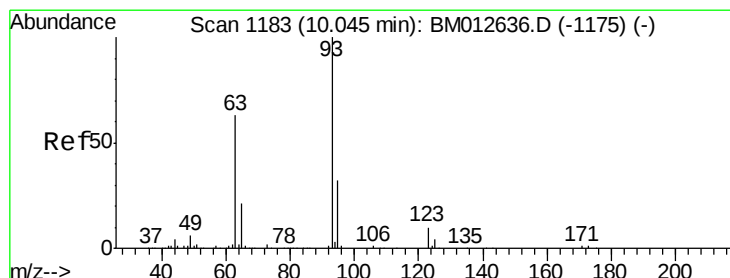
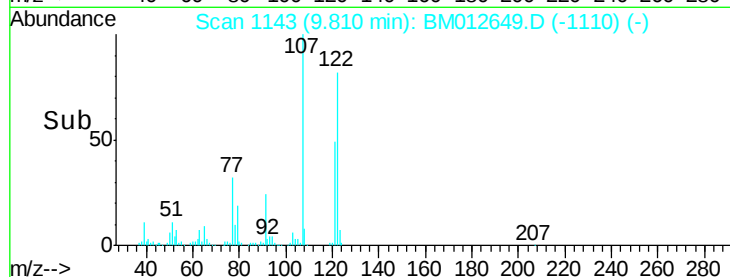
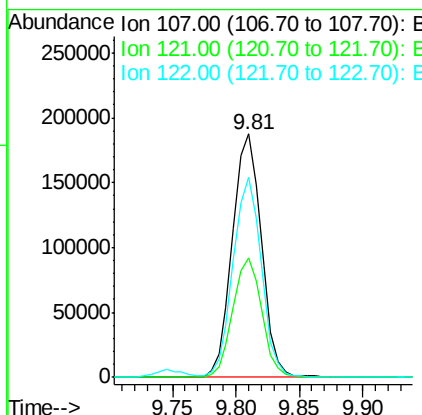
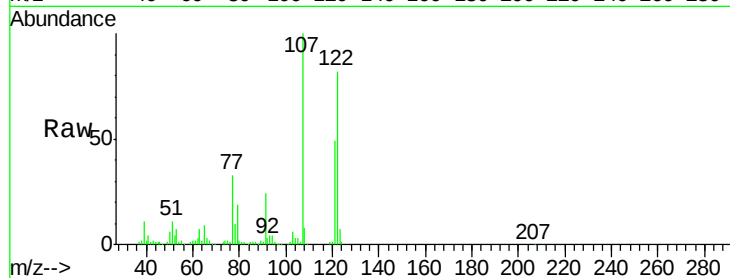




#24
 2,4-Dimethylphenol
 Concen: 19.95 ng/ul
 RT: 9.81 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BM012649.D
 Acq: 01 Nov 2017 22:36

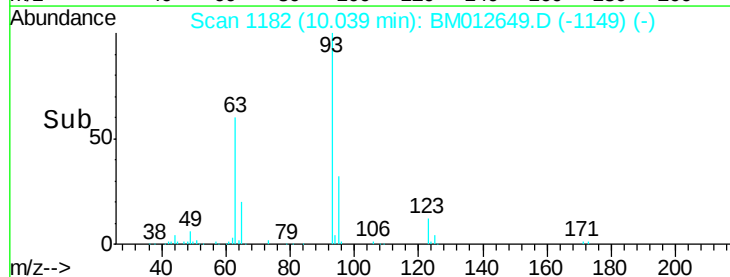
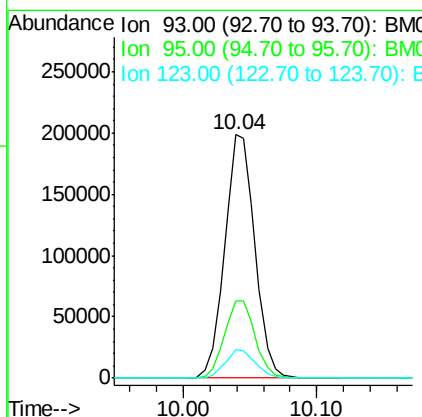
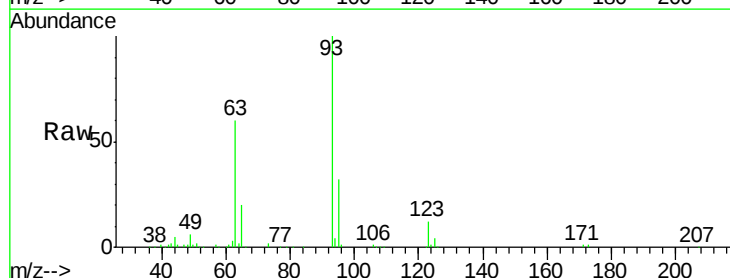
Instrument :
 BNA_M
 ClientSampleId :
 SST02080

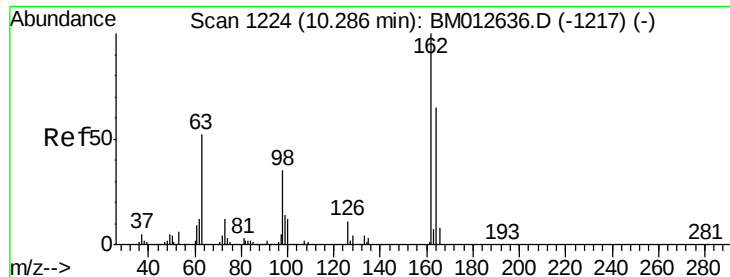
Tot Ion	Ratio	Lower	Upper
107	100		
121	49.1	31.9	47.9
122	82.0	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.74 ng/ul
 RT: 10.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BM012649.D
 Acq: 01 Nov 2017 22:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	28.5	42.7
123	11.9	8.9	13.3

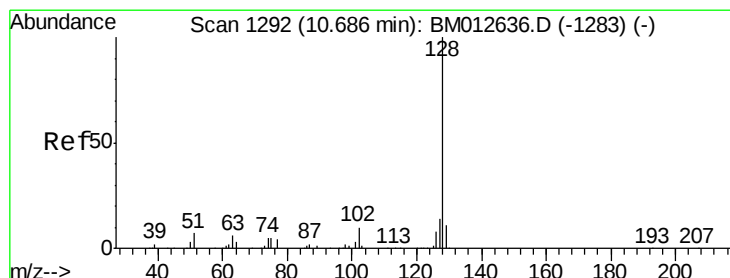
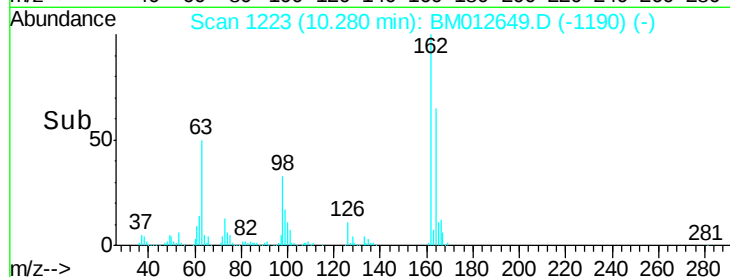
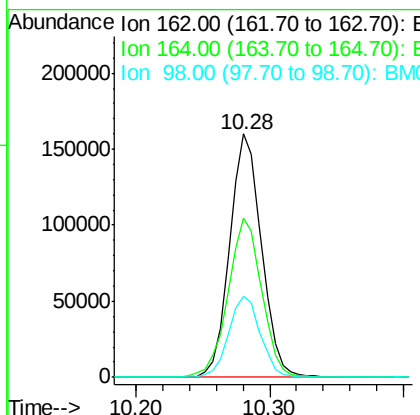
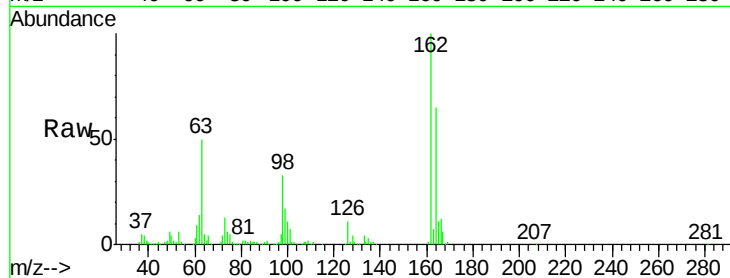




#27
 2,4-Dichlorophenol
 Concen: 21.50 ng/ul
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BM012649.D
 Acq: 01 Nov 2017 22:36

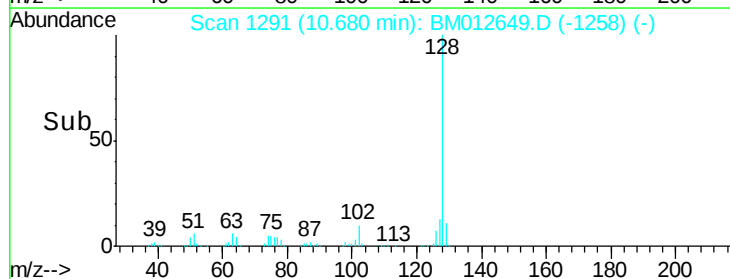
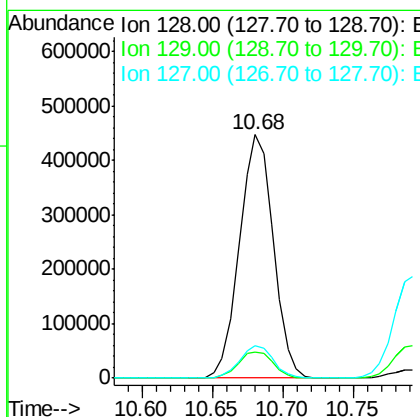
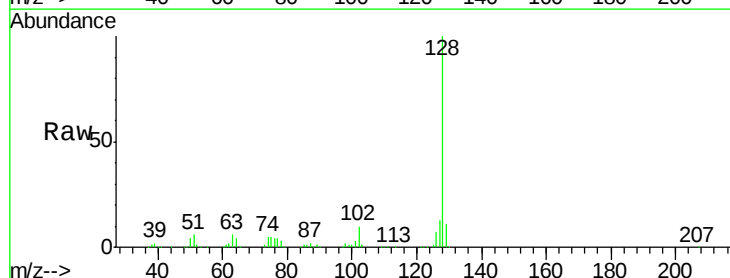
Instrument :
 BNA_M
 ClientSampleId :
 SST02080

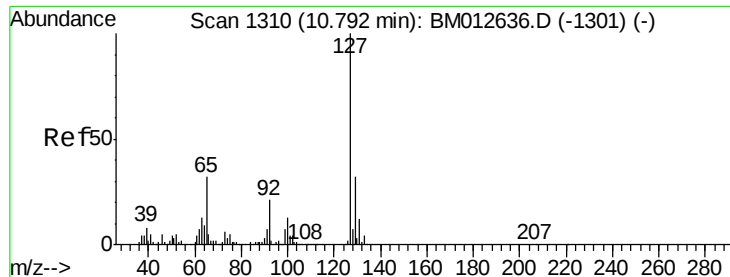
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	47.8	71.6
98	33.4	23.0	34.4



#28
 Naphthalene
 Concen: 20.48 ng/ul
 RT: 10.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BM012649.D
 Acq: 01 Nov 2017 22:36

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.1	10.6	16.0

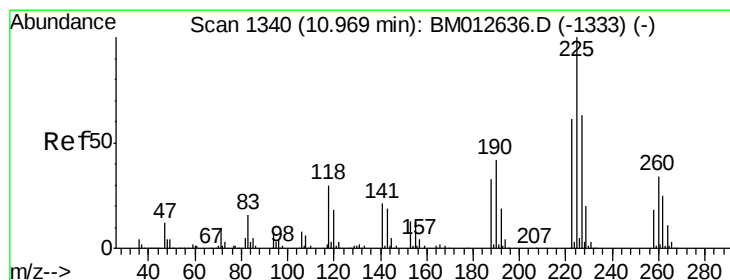
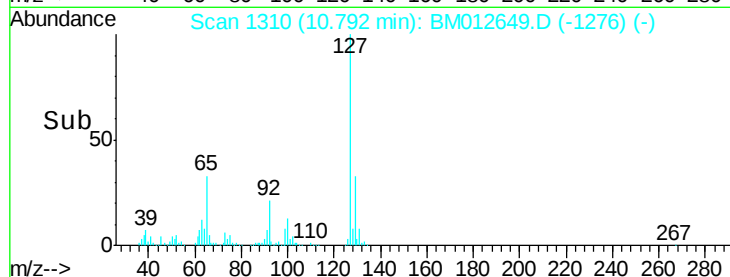
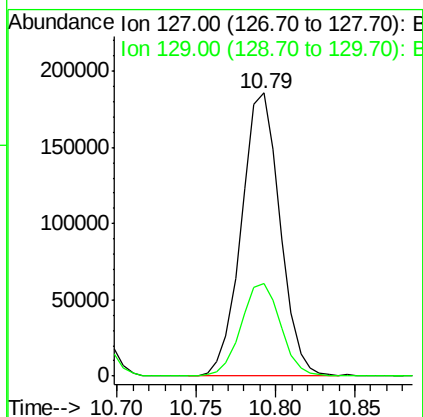
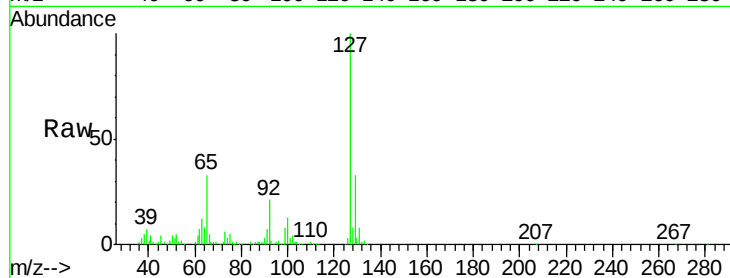




#30
4-Chloroaniline
Concen: 23.50 ng/ul
RT: 10.79 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

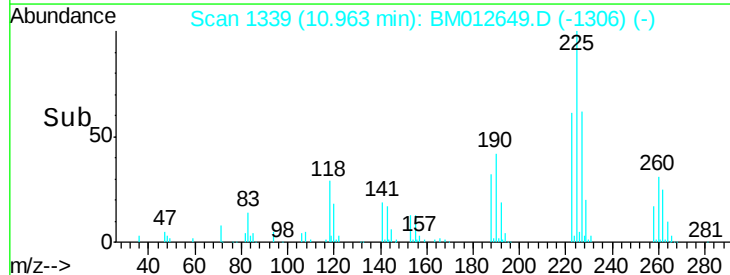
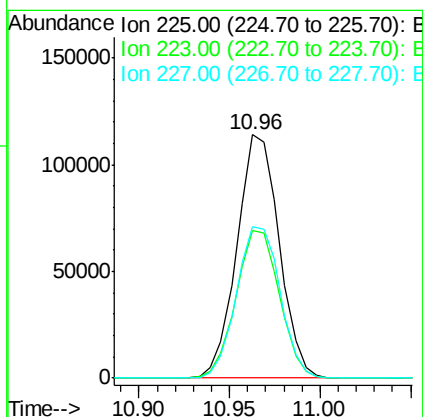
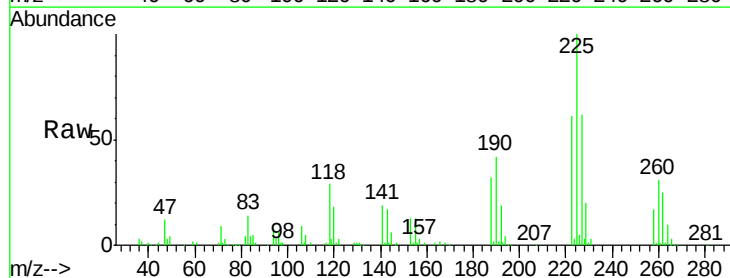
Instrument :
BNA_M
ClientSampleId :
SSTD02080

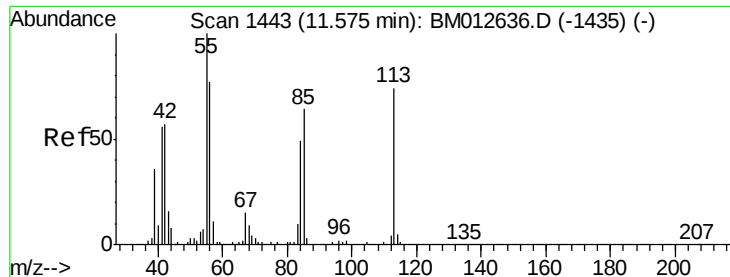
Tot Ion:127 Resp: 315412
Ion Ratio Lower Upper
127 100
129 32.7 28.4 42.6



#31
Hexachlorobutadiene
Concen: 19.52 ng/ul
RT: 10.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion:225 Resp: 184636
Ion Ratio Lower Upper
225 100
223 60.6 49.4 74.2
227 62.0 45.4 68.2





#32

Caprolactam

Concen: 23.48 ng/ul

RT: 11.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

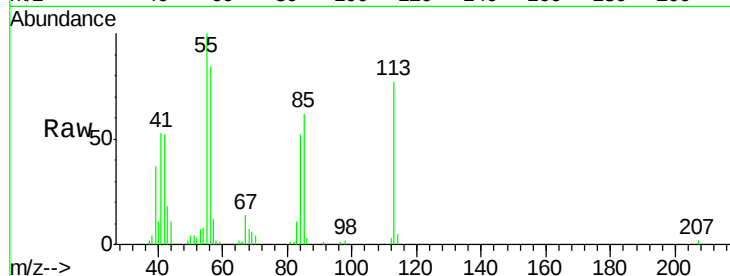
Tot Ion:113 Resp: 93791

Ion Ratio Lower Upper

113 100

55 129.9 208.0 312.0#

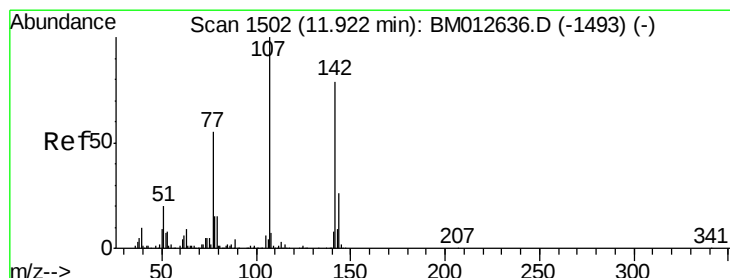
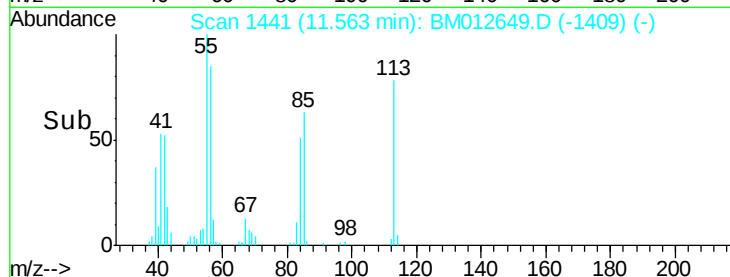
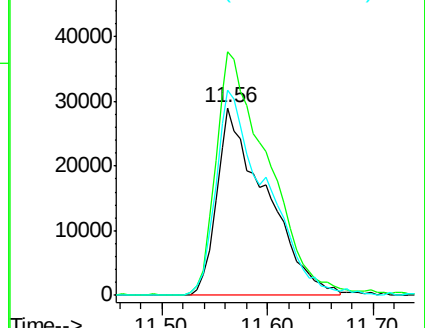
56 109.5 160.0 240.0#



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: 20.86 ng/ul

RT: 11.92 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

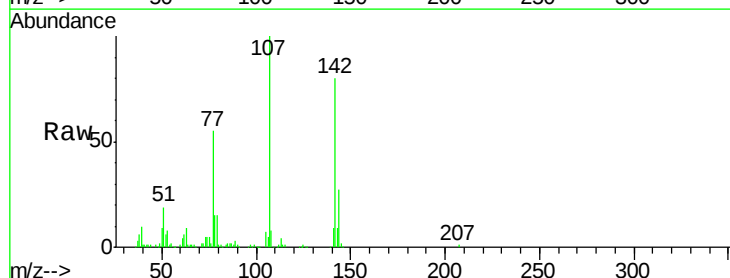
Tgt Ion:107 Resp: 288946

Ion Ratio Lower Upper

107 100

144 27.1 20.4 30.6

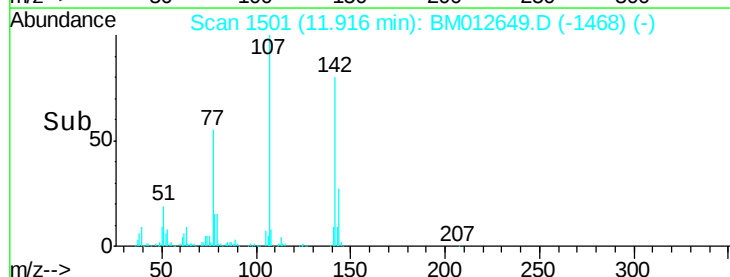
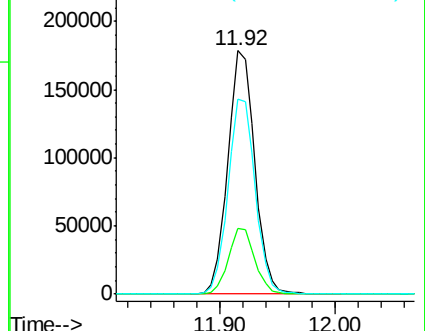
142 80.3 60.5 90.7

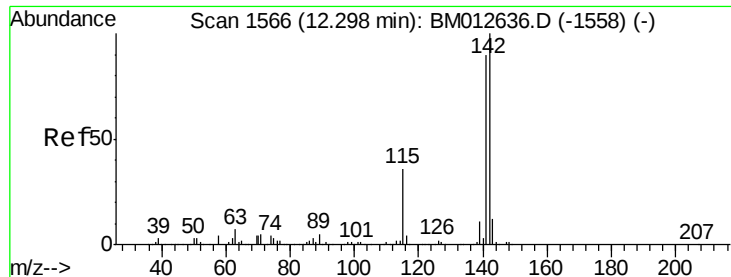


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

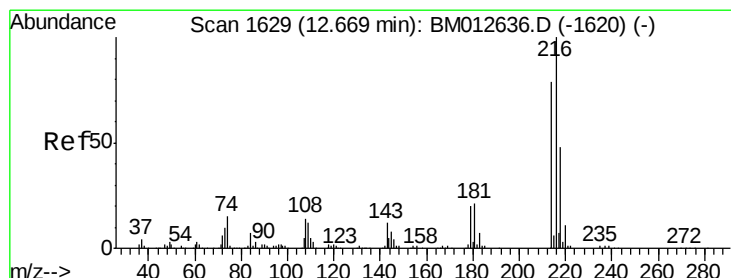
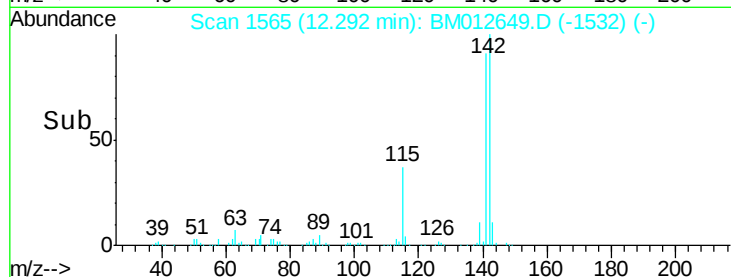
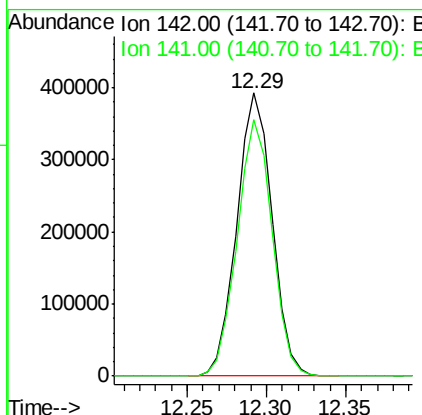
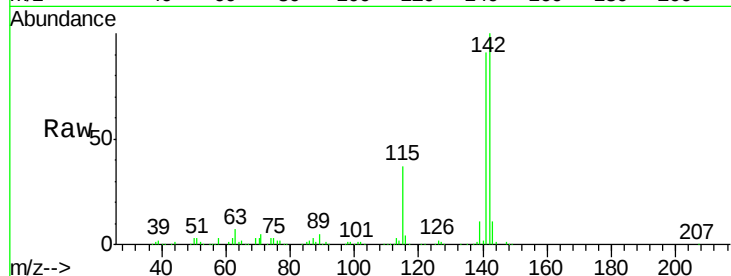




#34
2-Methylnaphthalene
Concen: 20.40 ng/ul
RT: 12.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

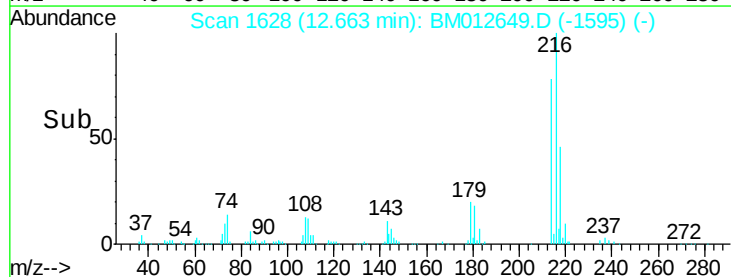
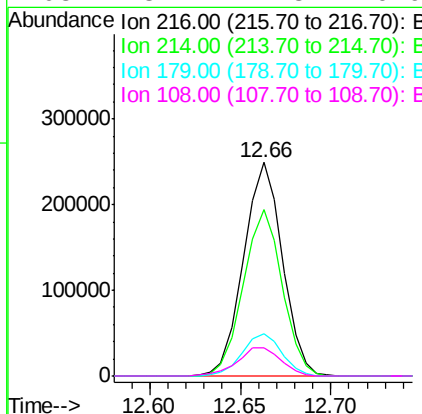
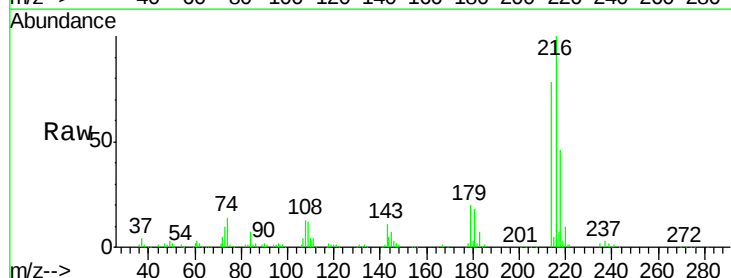
Instrument :
BNA_M
ClientSampleId :
SSTD02080

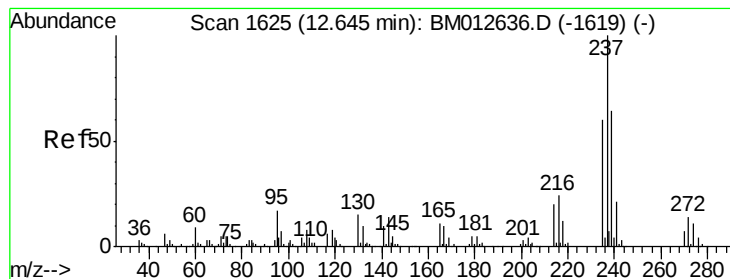
Tot Ion:142 Resp: 607480
Ion Ratio Lower Upper
142 100
141 90.7 74.1 111.1



#36
1,2,4,5-Tetrachlorobenzene
Concen: 20.52 ng/ul
RT: 12.66 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion:216 Resp: 371735
Ion Ratio Lower Upper
216 100
214 78.0 60.6 90.8
179 19.6 17.5 26.3
108 13.1 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 11.35 ng/ul

RT: 12.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

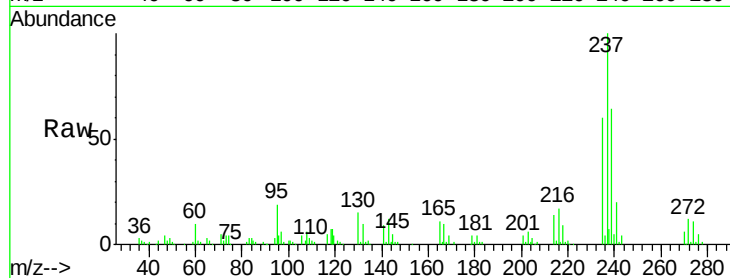
Tot Ion:237 Resp: 132733

Ion Ratio Lower Upper

237 100

235 60.1 50.2 75.4

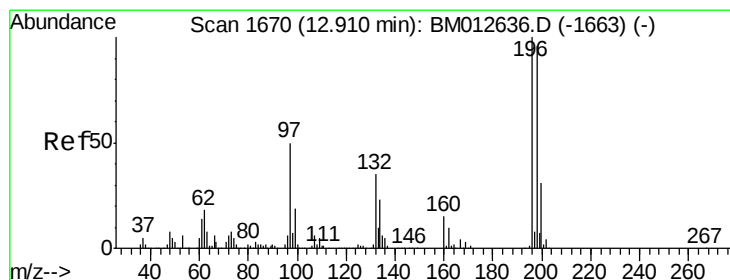
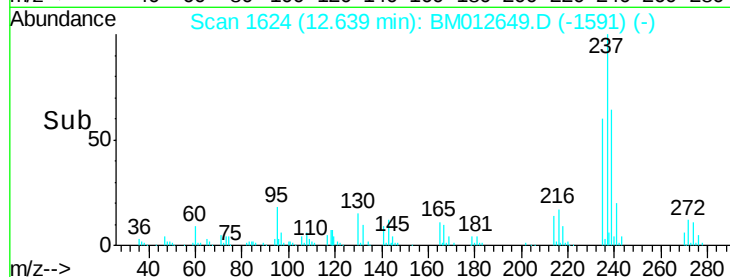
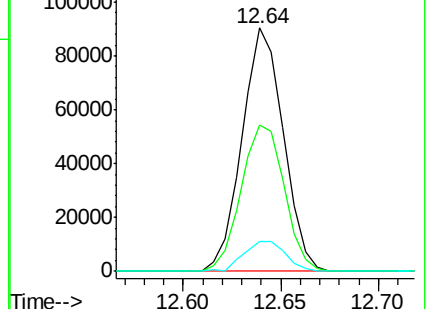
272 12.4 11.0 16.6



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: 23.47 ng/ul

RT: 12.90 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

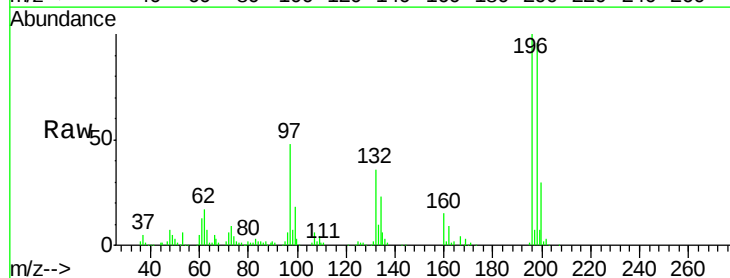
Tgt Ion:196 Resp: 254558

Ion Ratio Lower Upper

196 100

198 96.1 74.1 111.1

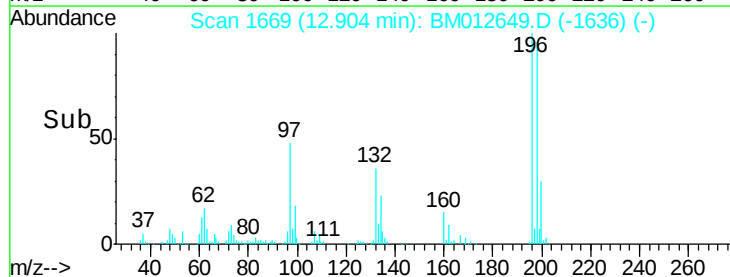
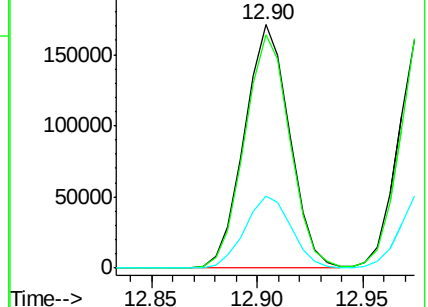
200 29.5 25.2 37.8

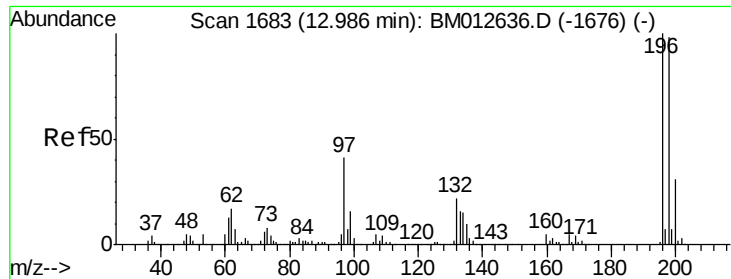


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

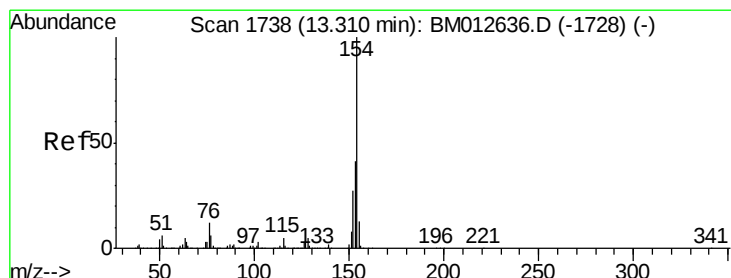
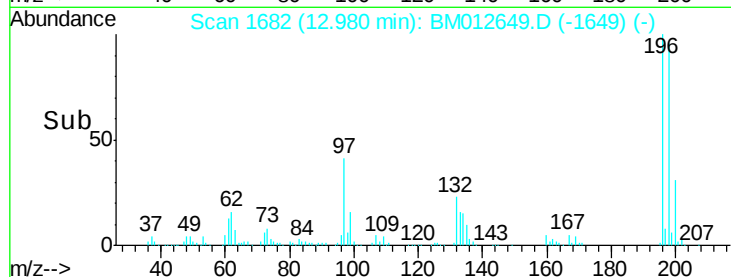
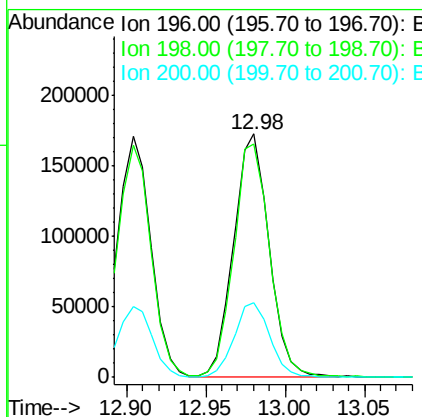
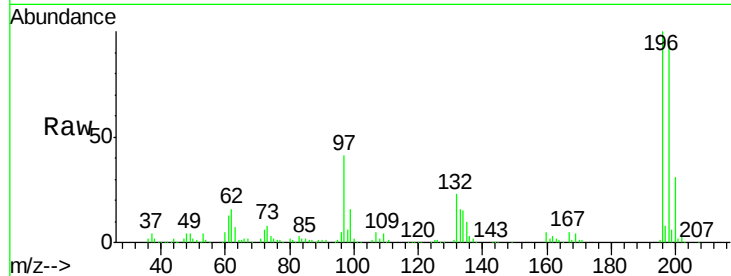




#39
 2,4,5-Trichlorophenol
 Concen: 23.14 ng/ul
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BM012649.D
 Acq: 01 Nov 2017 22:36

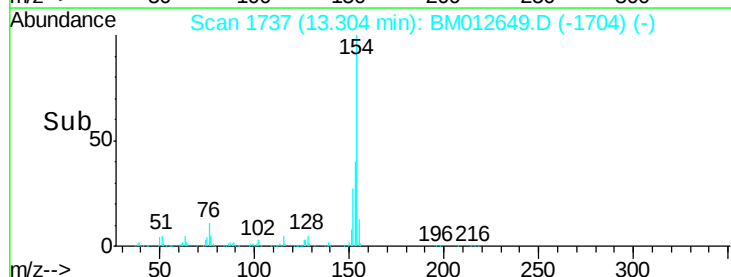
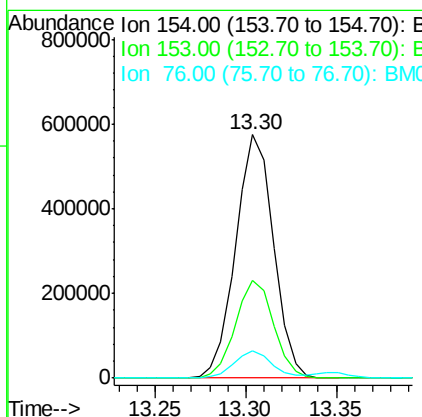
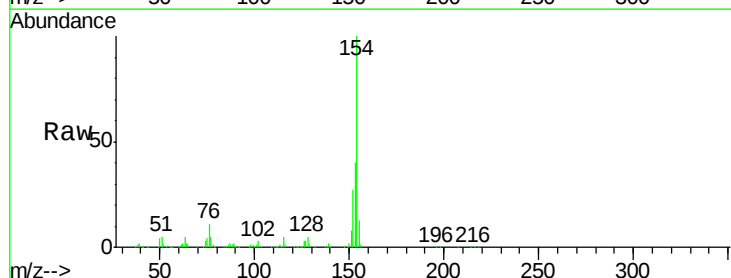
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02080

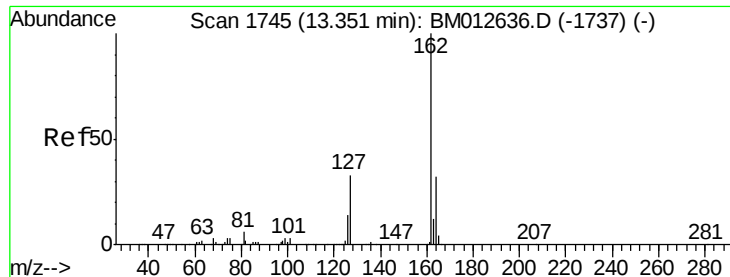
Tot Ion:196 Resp: 265995
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.6 113.4
 200 30.9 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 20.40 ng/ul
 RT: 13.30 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BM012649.D
 Acq: 01 Nov 2017 22:36

Tgt Ion:154 Resp: 832668
 Ion Ratio Lower Upper
 154 100
 153 40.3 32.6 48.8
 76 11.3 8.5 12.7

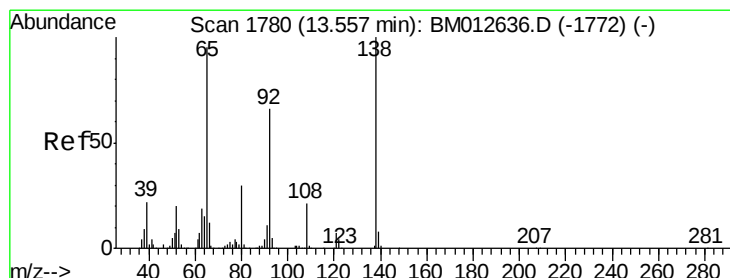
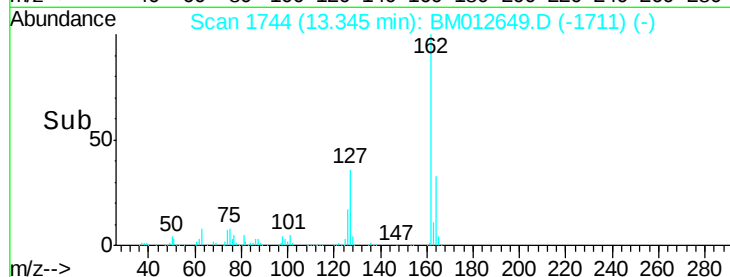
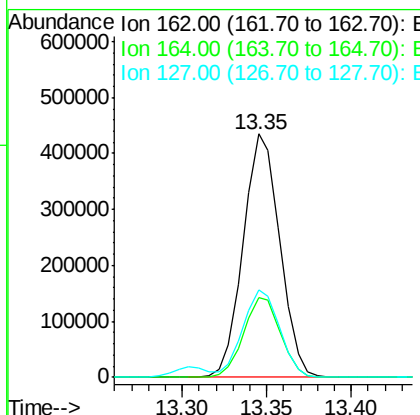
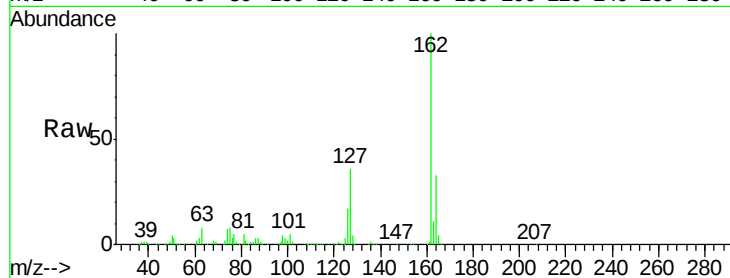




#41
2-Chloronaphthalene
Concen: 20.55 ng/ul
RT: 13.35 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

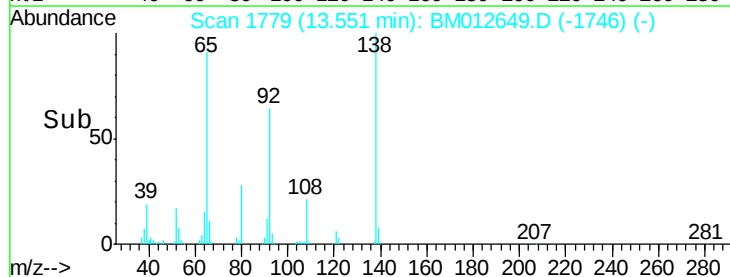
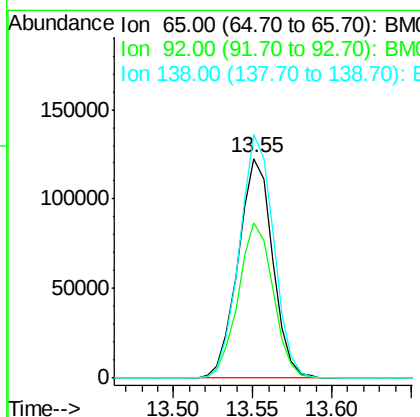
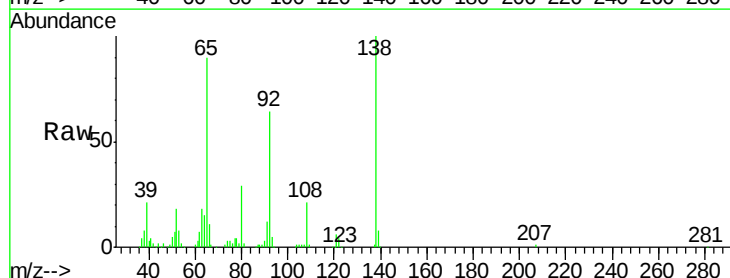
Instrument :
BNA_M
ClientSampleId :
SSTD02080

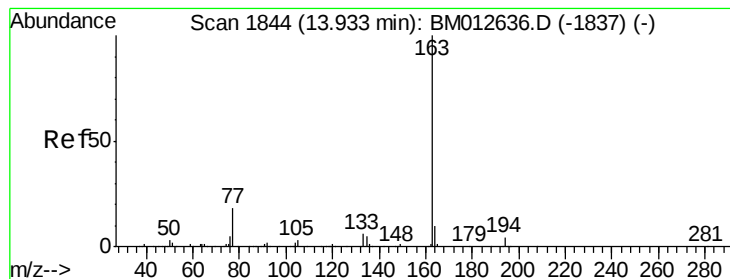
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.9	25.9	38.9
127	35.9	29.4	44.2



#42
2-Nitroaniline
Concen: 24.92 ng/ul
RT: 13.55 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.5	51.8	77.6
138	110.9	74.2	111.4





#44

Dimethylphthalate

Concen: 20.40 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

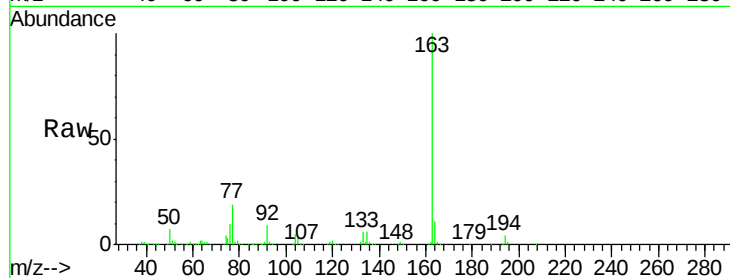
Tot Ion:163 Resp: 901574

Ion Ratio Lower Upper

163 100

194 4.0 3.5 5.3

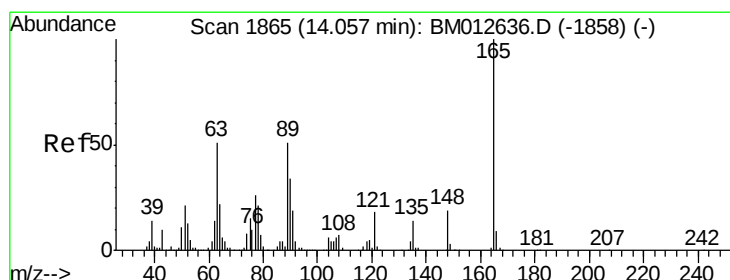
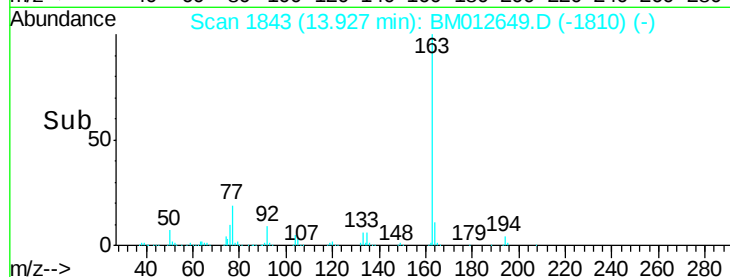
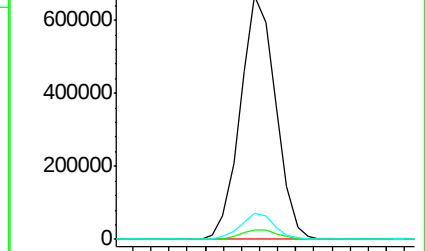
164 10.7 8.2 12.4



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: 27.19 ng/ul

RT: 14.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

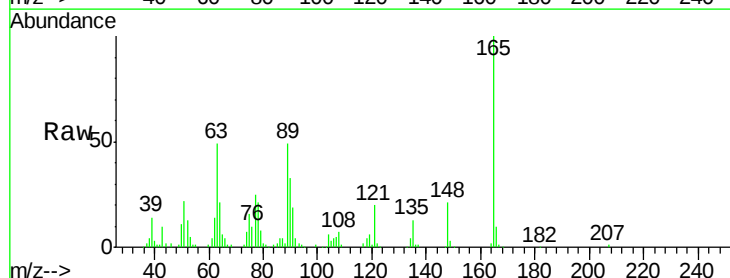
Tgt Ion:165 Resp: 191014

Ion Ratio Lower Upper

165 100

89 48.7 52.6 79.0#

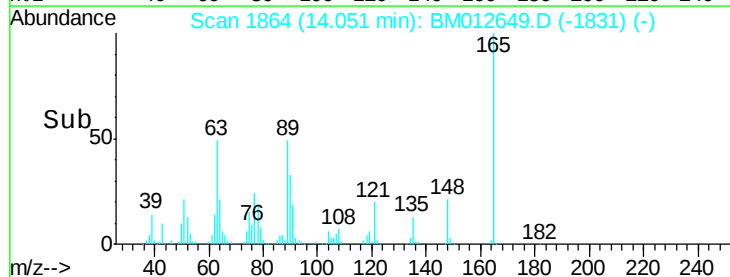
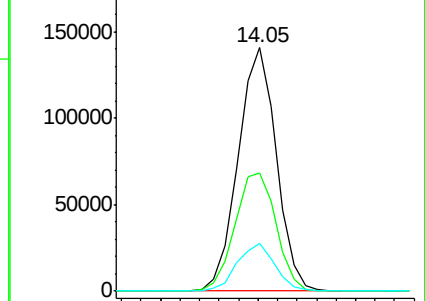
121 19.8 14.6 22.0

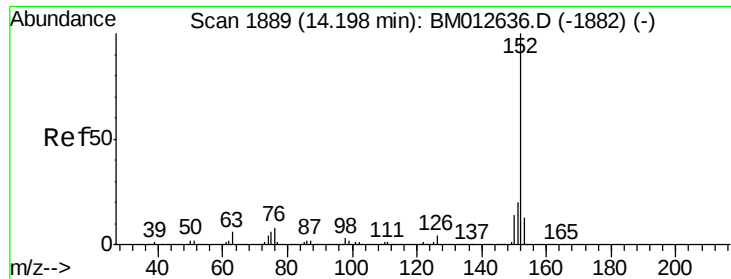


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.61 ng/ul

RT: 14.19 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

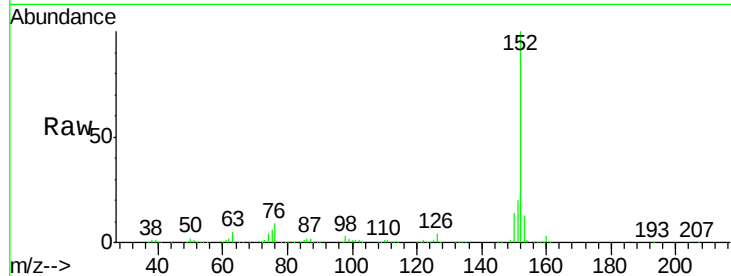
Tot Ion:152 Resp: 1039706

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.1	10.2	15.4

152 100

151 20.0 16.3 24.5

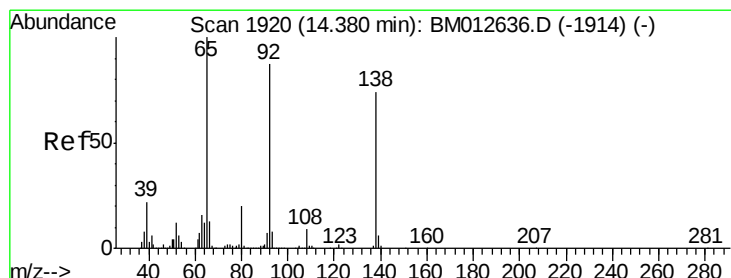
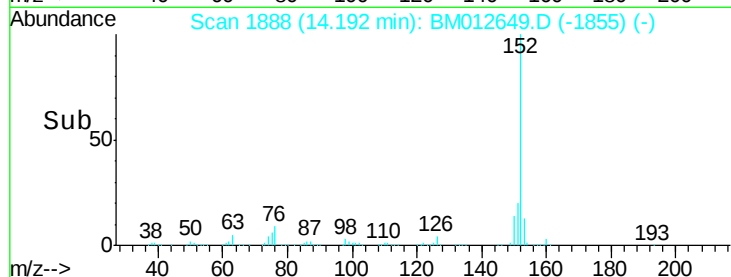
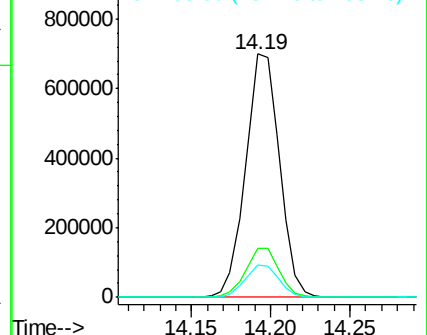
153 13.1 10.2 15.4



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: 27.67 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

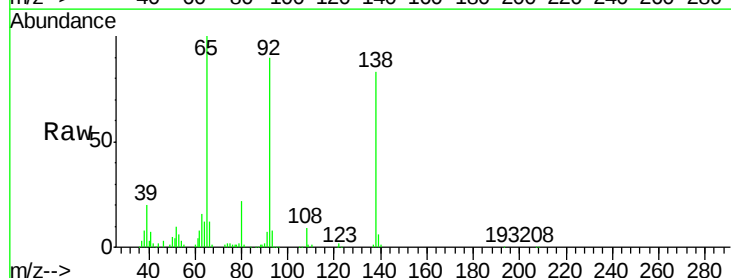
Tgt Ion:138 Resp: 182103

Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.9	14.9
92	108.7	105.0	157.4

138 100

108 10.3 9.9 14.9

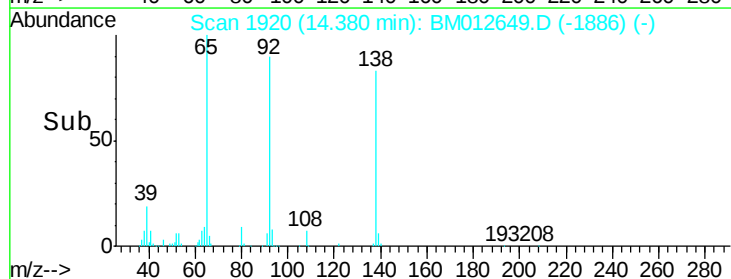
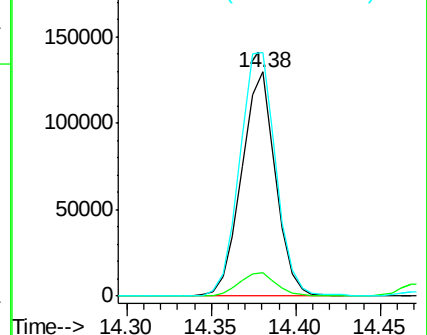
92 108.7 105.0 157.4

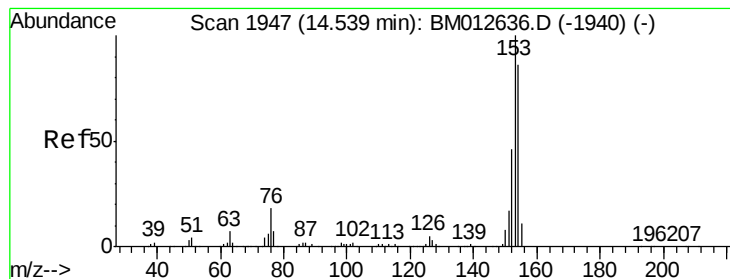


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.49 ng/ul

RT: 14.54 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

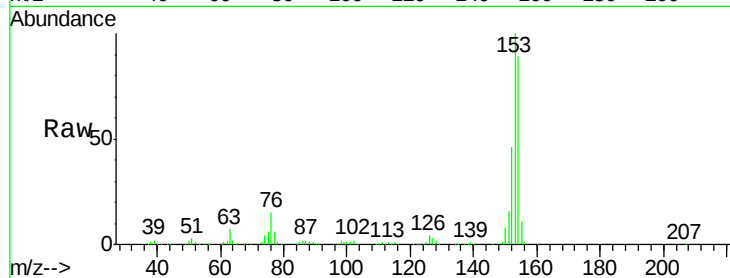
Tot Ion:153 Resp: 707867

Ion Ratio Lower Upper

153 100

152 46.1 37.6 56.4

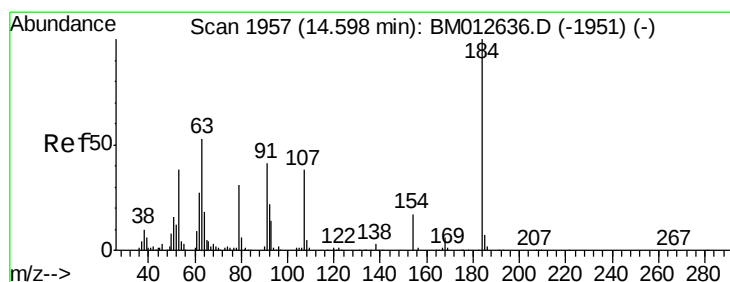
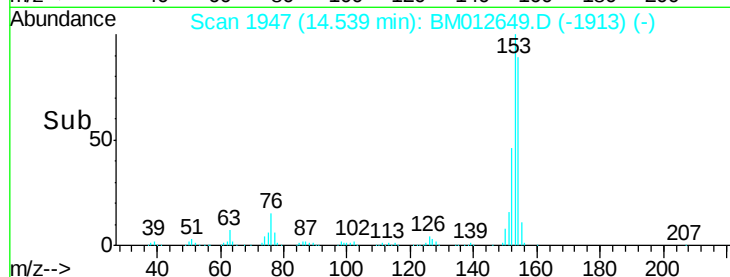
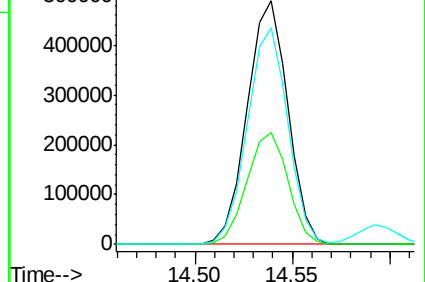
154 88.9 70.4 105.6



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: 25.49 ng/ul

RT: 14.59 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

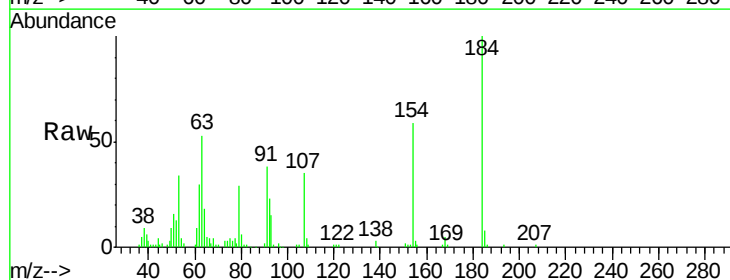
Tgt Ion:184 Resp: 100499

Ion Ratio Lower Upper

184 100

63 53.3 50.1 75.1

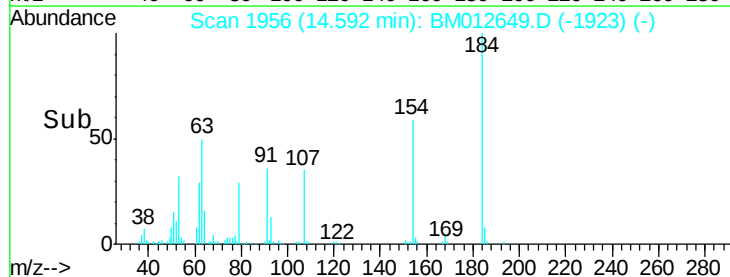
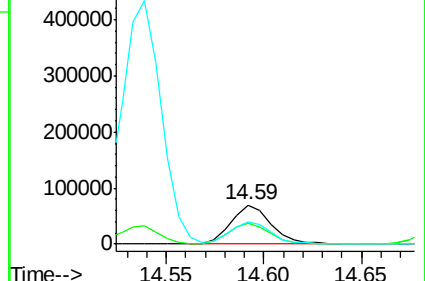
154 58.6 54.5 81.7

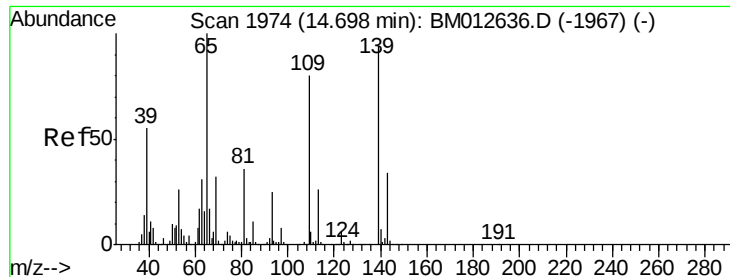


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.43 ng/ul

RT: 14.69 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

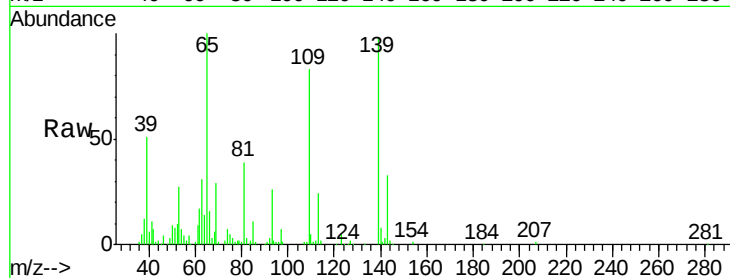
Tot Ion:109 Resp: 137684

Ion Ratio Lower Upper

109 100

139 117.4 80.0 120.0

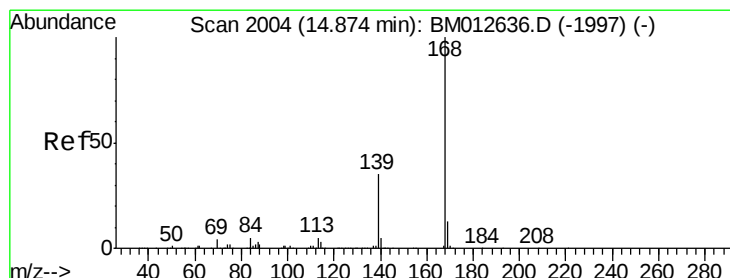
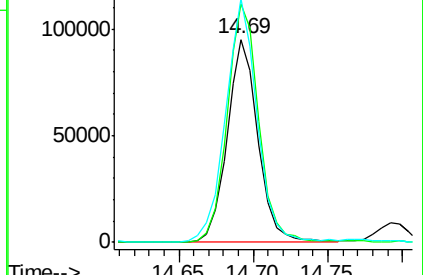
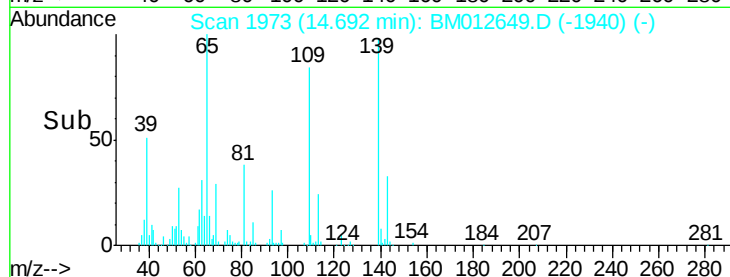
65 120.1 120.0 180.0



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 20.54 ng/ul

RT: 14.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BM012649.D

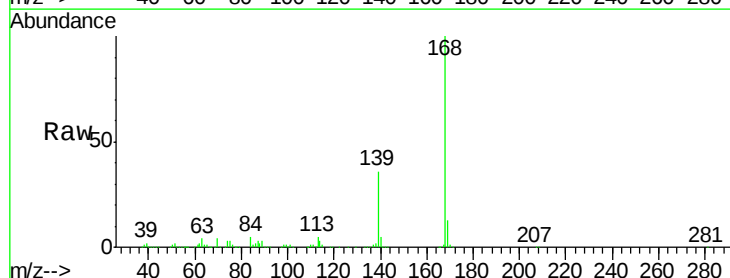
Acq: 01 Nov 2017 22:36

Tgt Ion:168 Resp: 1050289

Ion Ratio Lower Upper

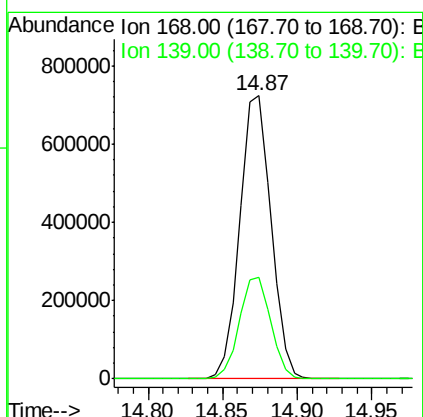
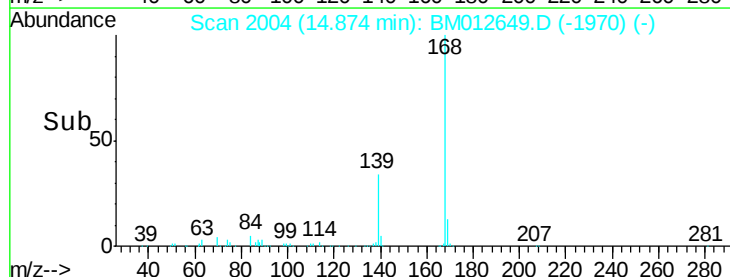
168 100

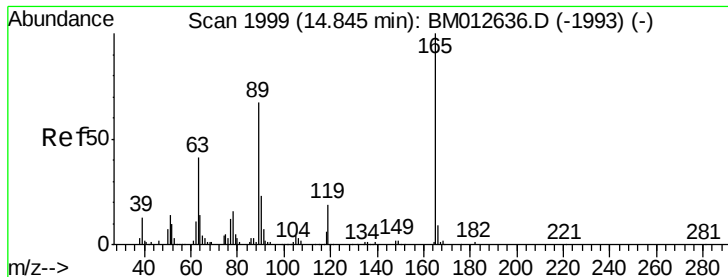
139 36.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 26.88 ng/ul

RT: 14.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

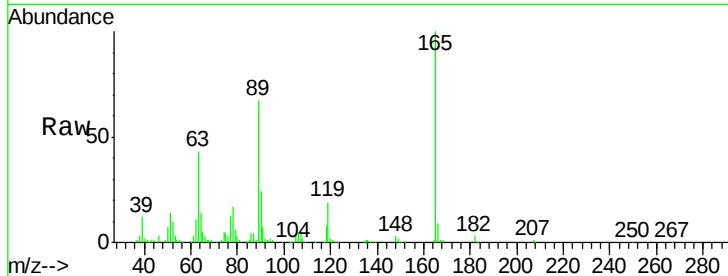
Tot Ion:165 Resp: 282791

Ion Ratio Lower Upper

165 100

63 42.7 45.8 68.8#

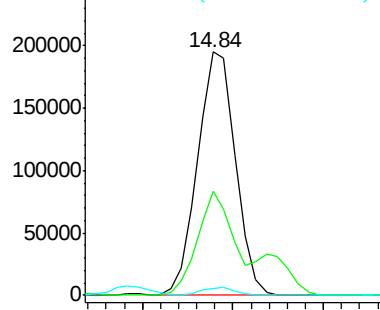
182 3.0 2.6 4.0



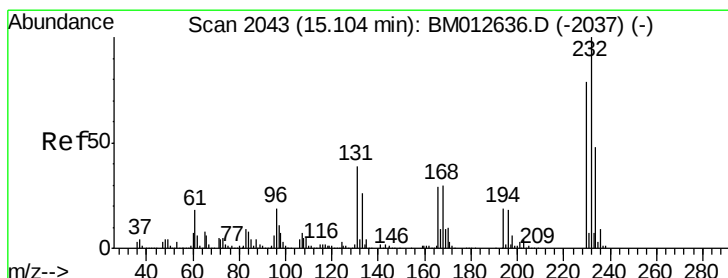
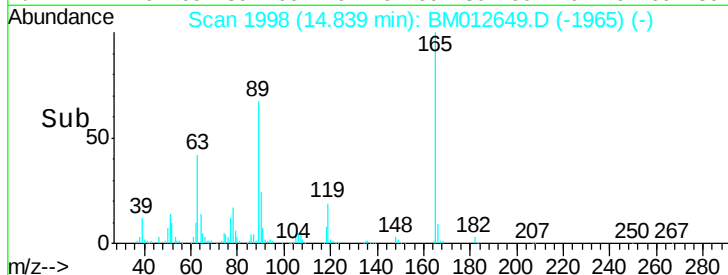
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



Time-->



#55

2,3,4,6-Tetrachlorophenol

Concen: 24.57 ng/ul

RT: 15.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Tgt Ion:232 Resp: 261479

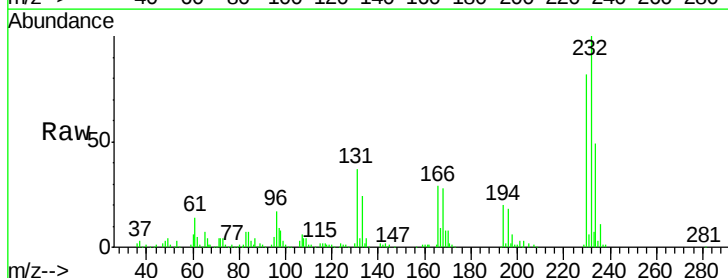
Ion Ratio Lower Upper

232 100

131 36.8 29.0 43.4

130 2.1 2.0 3.0

166 28.9 21.4 32.2

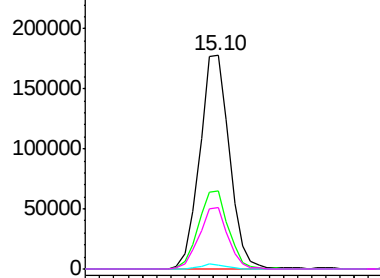


Abundance Ion 232.00 (231.70 to 232.70): E

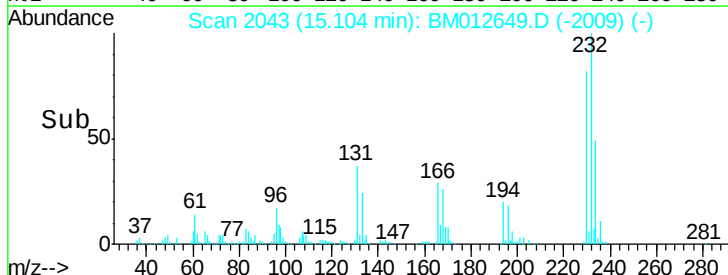
Ion 131.00 (130.70 to 131.70): E

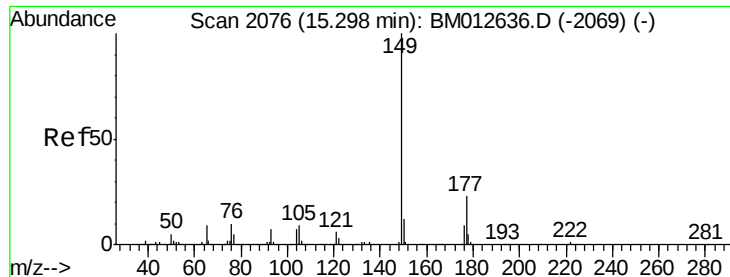
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->

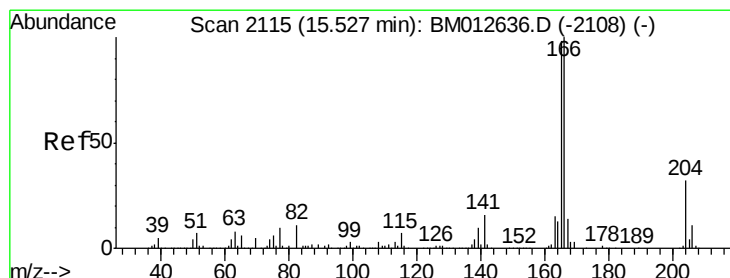
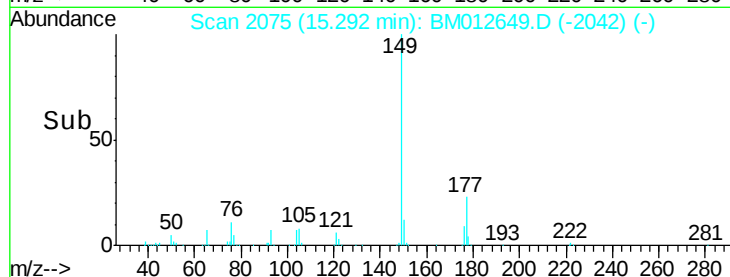
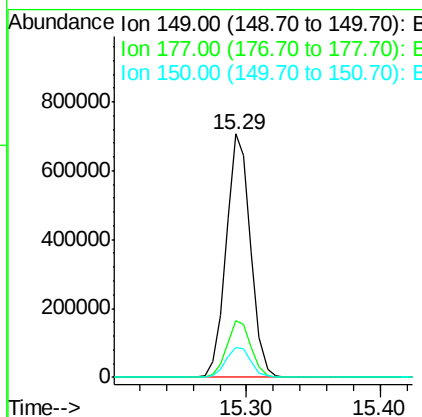
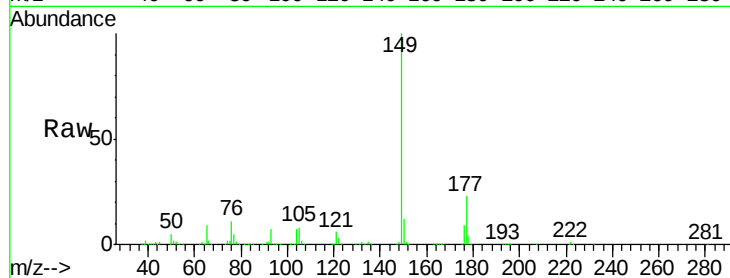




#56
Diethylphthalate
Concen: 20.03 ng/ul
RT: 15.29 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

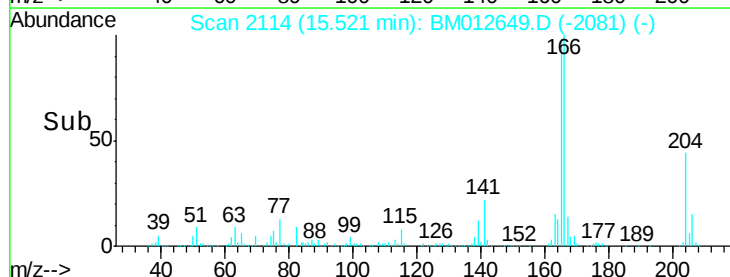
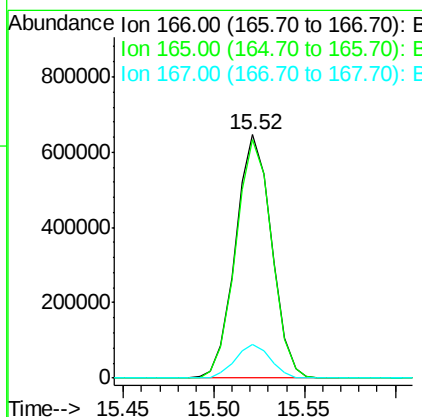
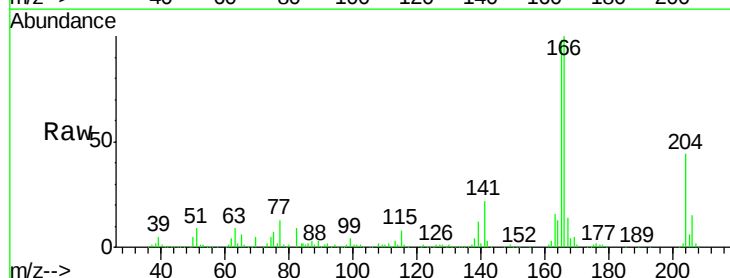
Instrument :
BNA_M
ClientSampleId :
SSTD02080

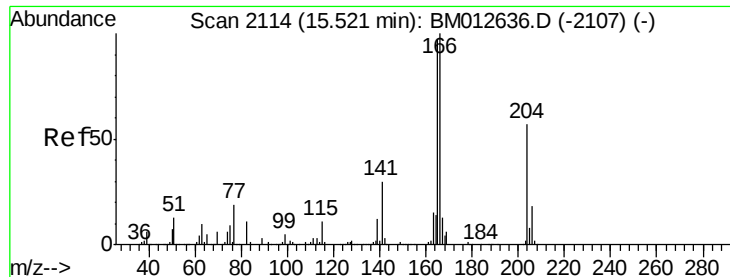
Tot Ion:149 Resp: 902465
Ion Ratio Lower Upper
149 100
177 23.1 20.5 30.7
150 12.3 10.6 15.8



#58
Fluorene
Concen: 20.53 ng/ul
RT: 15.52 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion:166 Resp: 887958
Ion Ratio Lower Upper
166 100
165 97.9 77.9 116.9
167 13.8 10.6 16.0

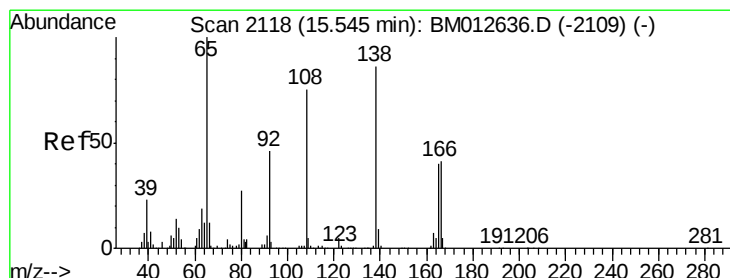
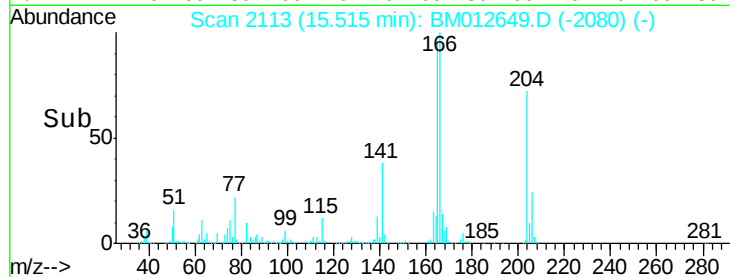
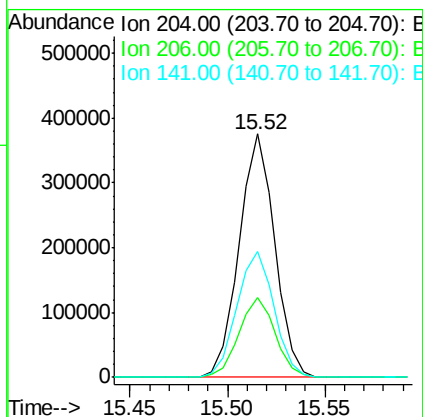
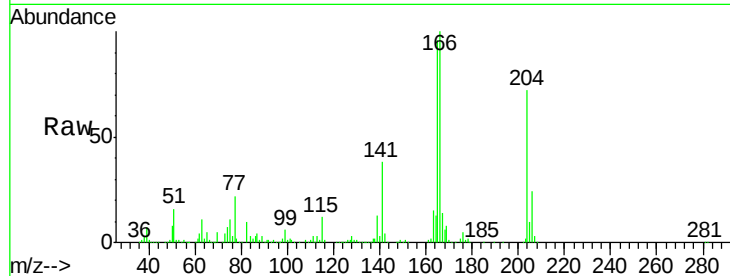




#59
4-Chlorophenyl-phenylether
Concen: 20.17 ng/ul
RT: 15.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

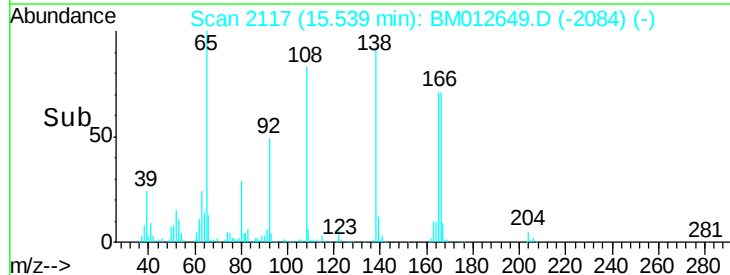
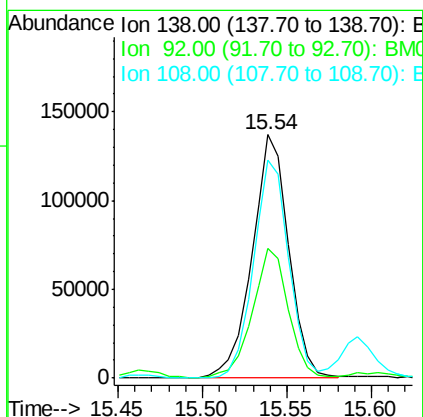
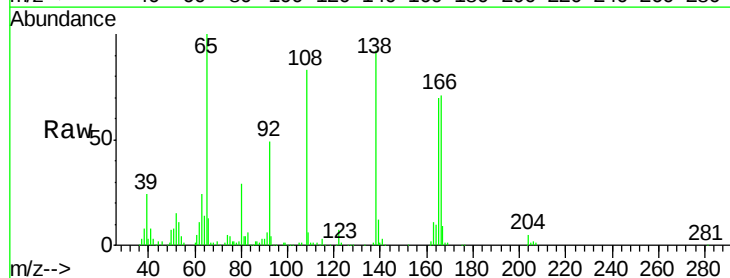
Instrument :
BNA_M
ClientSampleId :
SSTD02080

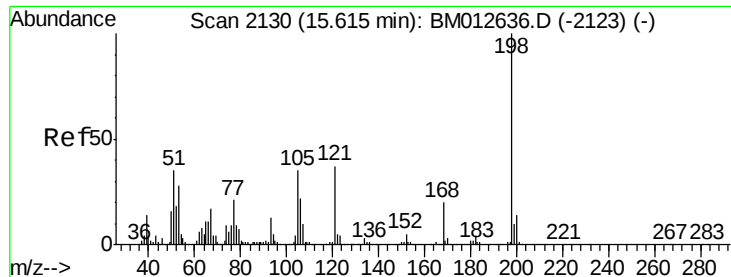
Tot Ion:204 Resp: 474599
Ion Ratio Lower Upper
204 100
206 32.8 24.8 37.2
141 51.9 44.3 66.5



#60
4-Nitroaniline
Concen: 25.01 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion:138 Resp: 206381
Ion Ratio Lower Upper
138 100
92 53.5 40.0 60.0
108 89.7 80.0 120.0

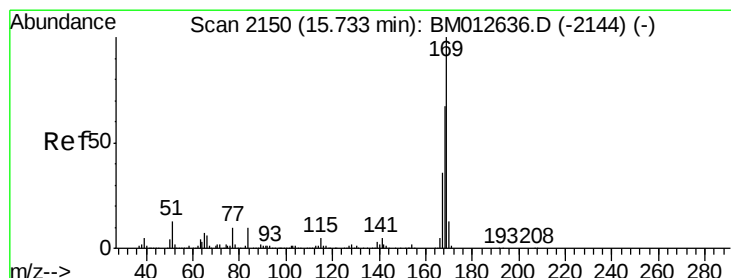
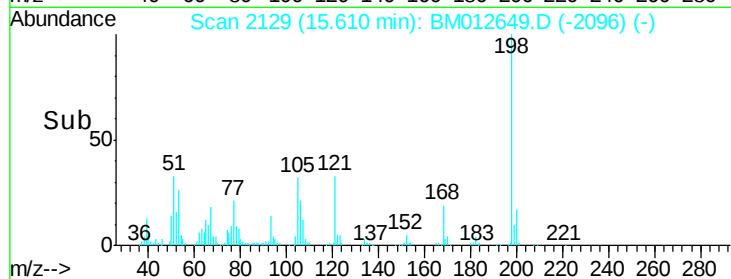
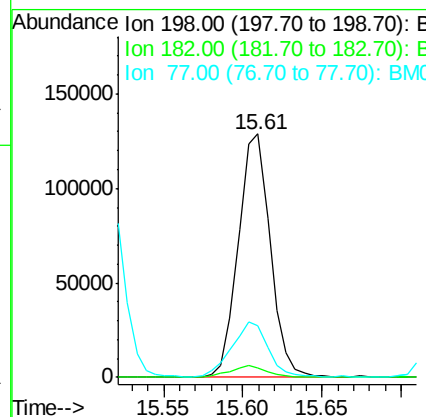
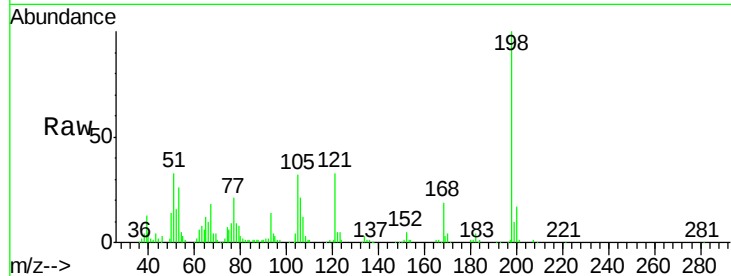




#63
 4,6-Dinitro-2-methylphenol
 Concen: 25.85 ng/ul
 RT: 15.61 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM012649.D
 Acq: 01 Nov 2017 22:36

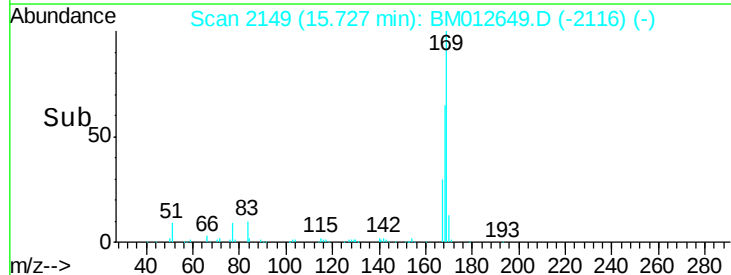
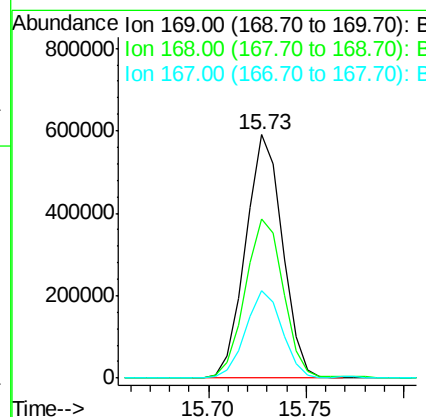
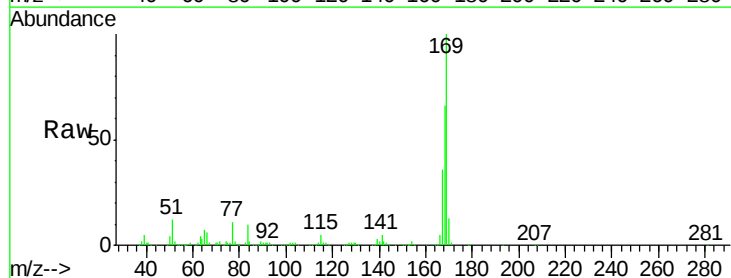
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02080

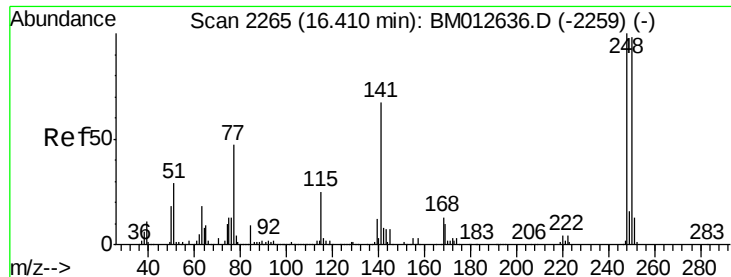
Tot Ion:198 Resp: 180544
 Ion Ratio Lower Upper
 198 100
 182 3.8 3.8 5.6
 77 21.0 25.2 37.8#



#64
 N-Nitrosodiphenylamine
 Concen: 20.30 ng/ul
 RT: 15.73 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BM012649.D
 Acq: 01 Nov 2017 22:36

Tgt Ion:169 Resp: 774024
 Ion Ratio Lower Upper
 169 100
 168 65.5 54.0 81.0
 167 36.0 29.1 43.7

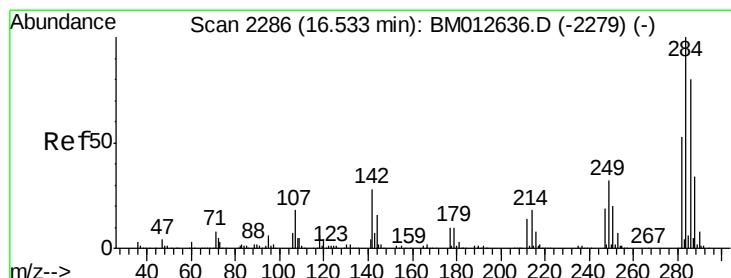
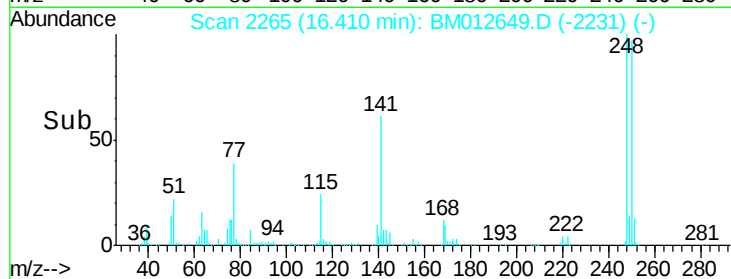
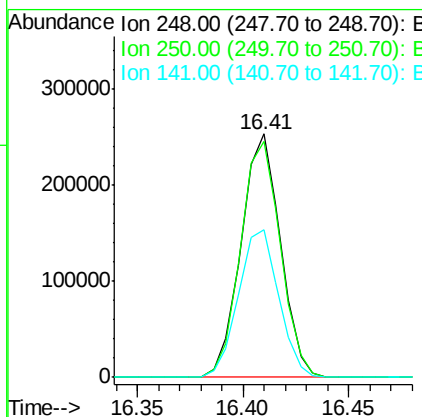
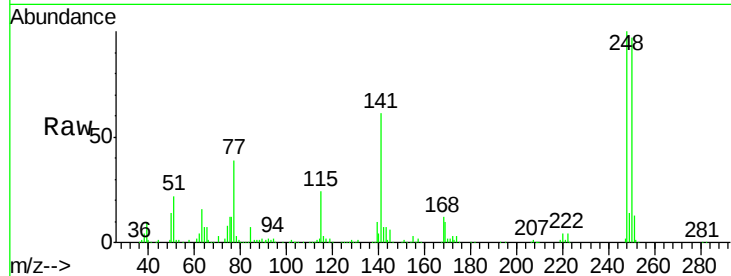




#65
4-Bromophenyl-phenylether
Concen: 20.81 ng/ul
RT: 16.41 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

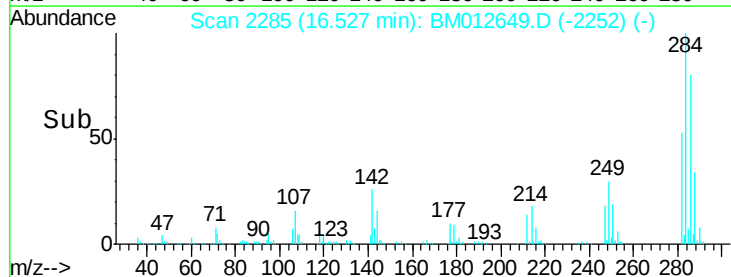
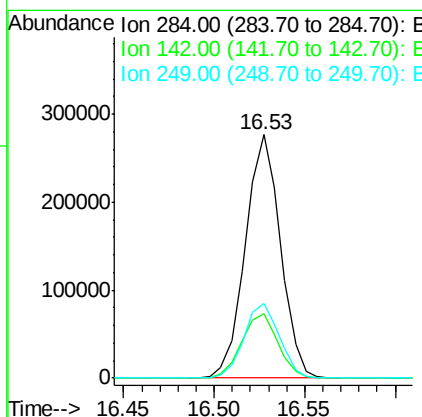
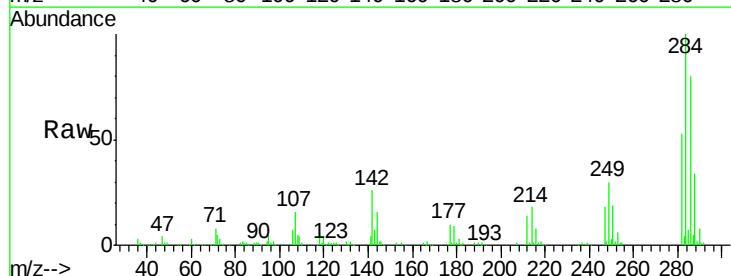
Instrument :
BNA_M
ClientSampleId :
SSTD02080

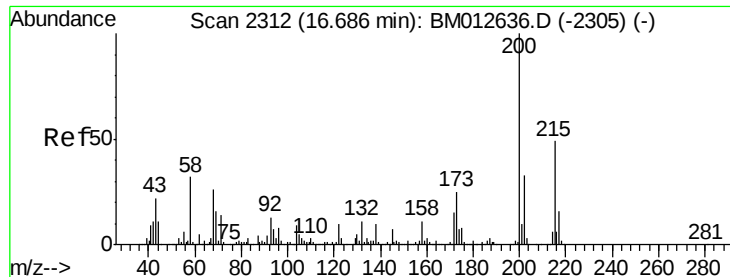
Tot Ion:248 Resp: 327060
Ion Ratio Lower Upper
248 100
250 97.0 80.5 120.7
141 60.7 53.6 80.4



#66
Hexachlorobenzene
Concen: 21.43 ng/ul
RT: 16.53 min Scan# 2285
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion:284 Resp: 372500
Ion Ratio Lower Upper
284 100
142 26.4 21.2 31.8
249 30.5 24.5 36.7

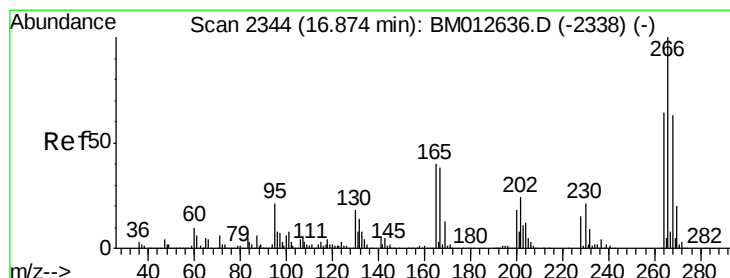
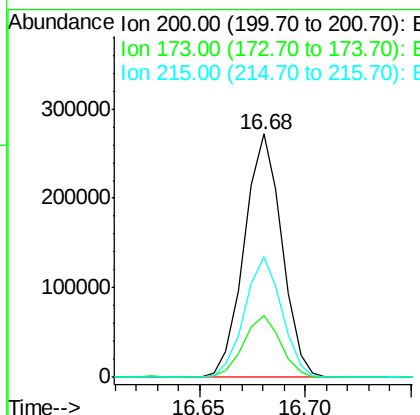
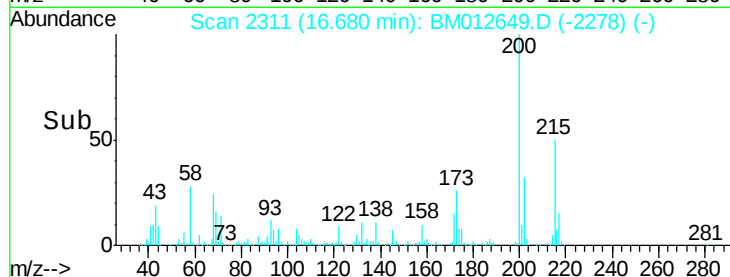
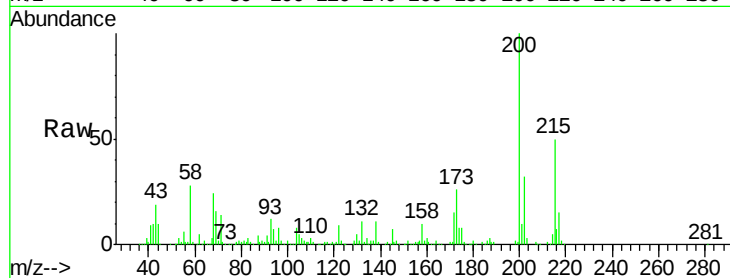




#67
Atrazine
Concen: 20.54 ng/ul
RT: 16.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

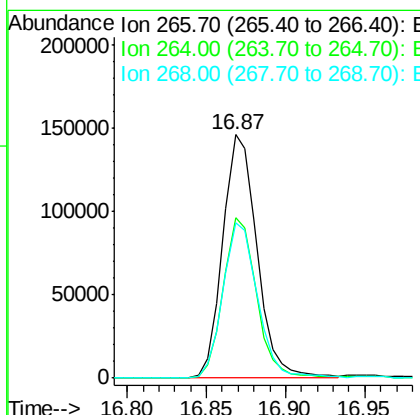
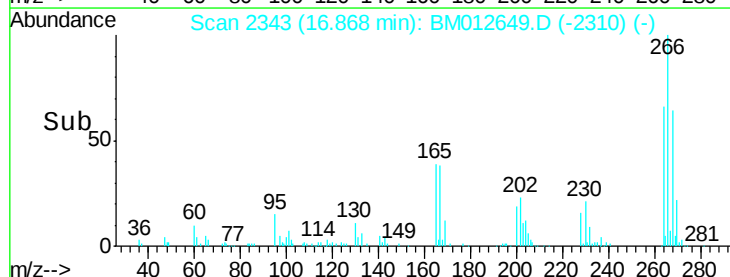
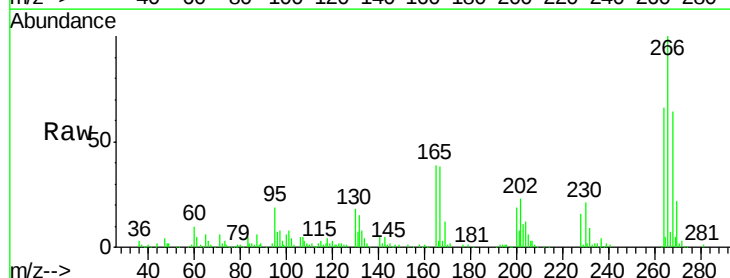
Instrument :
BNA_M
ClientSampleId :
SSTD02080

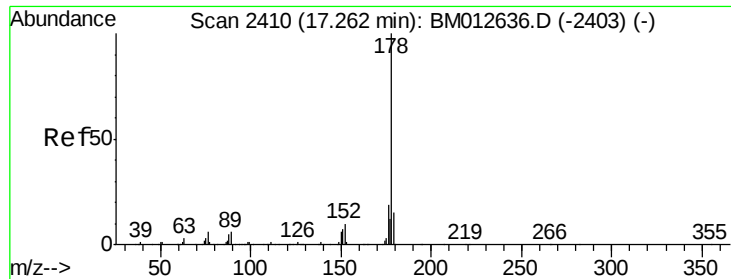
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.5	18.2	27.2
215	49.5	35.0	52.4



#68
Pentachlorophenol
Concen: 23.13 ng/ul
RT: 16.87 min Scan# 2343
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.7	49.3	73.9
268	63.7	52.6	78.8





#69

Phenanthrene

Concen: 20.54 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

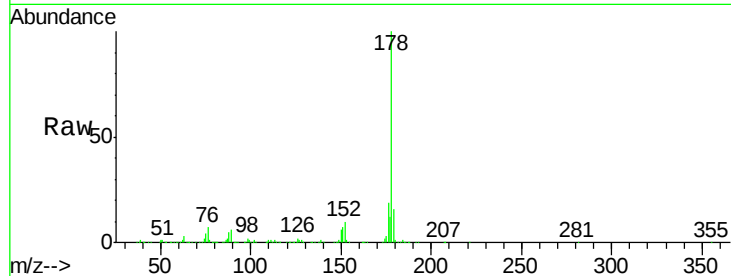
Tot Ion:178 Resp: 1457422

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

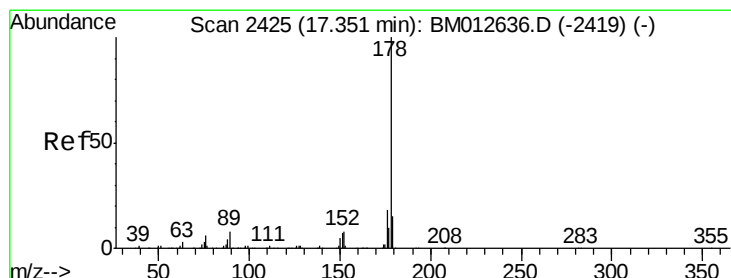
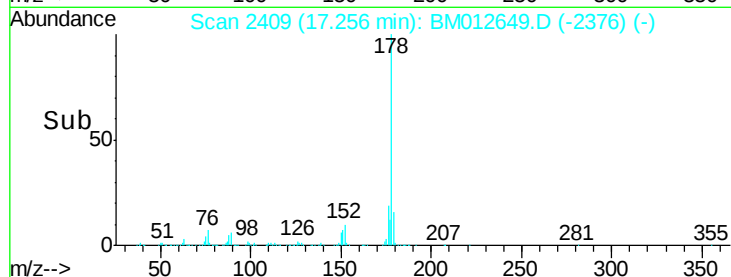
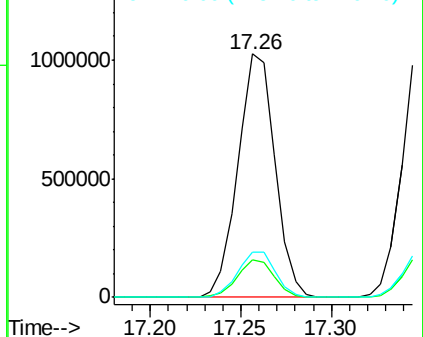
176 18.8 14.9 22.3



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: 20.84 ng/ul

RT: 17.35 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

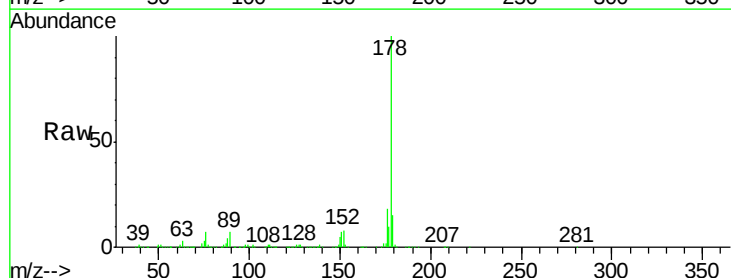
Tgt Ion:178 Resp: 1527968

Ion Ratio Lower Upper

178 100

179 14.9 11.7 17.5

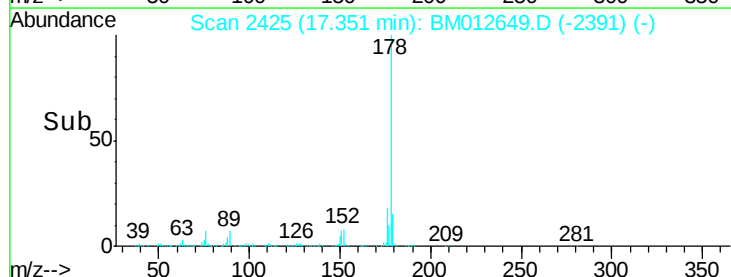
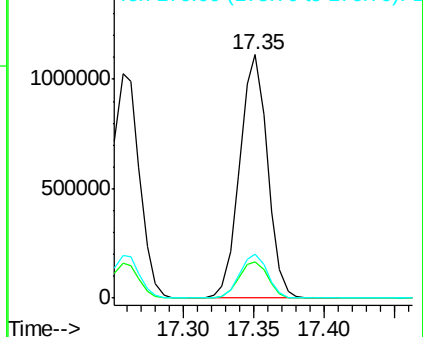
176 18.2 14.6 21.8

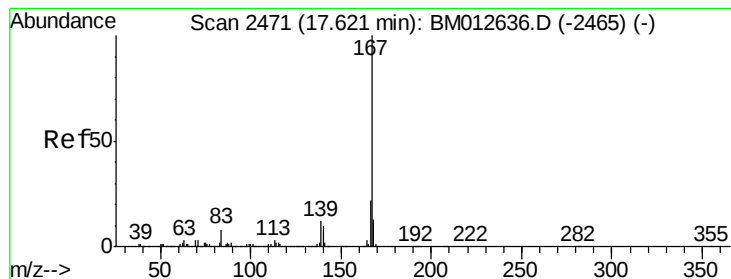


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 21.97 ng/ul

RT: 17.62 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

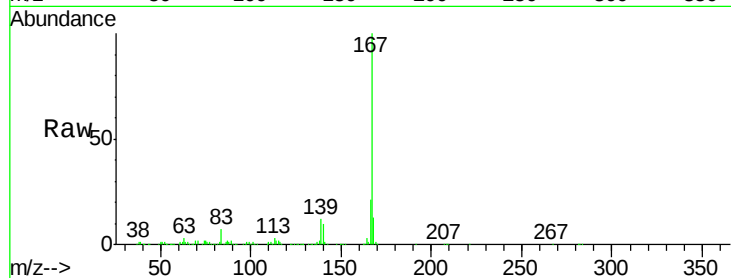
BNA_M

ClientSampleId :

SSTD02080

Tot Ion:167 Resp: 1334514

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.0	10.0	15.0

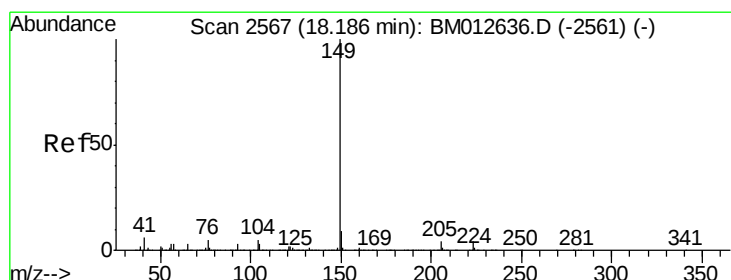
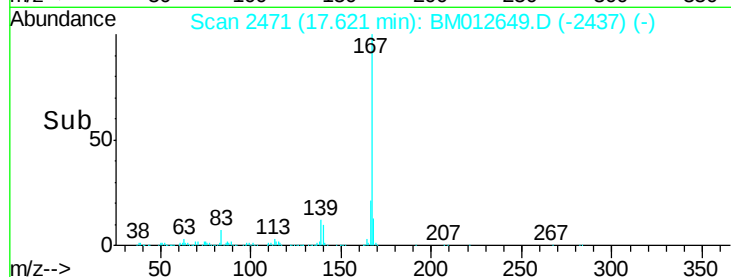
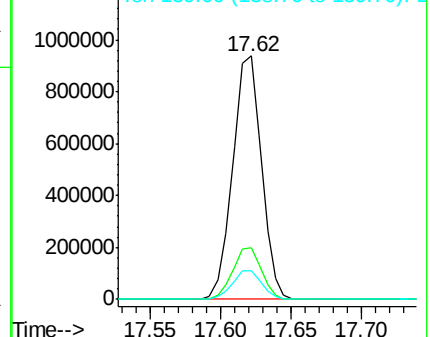


Abundance

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: 20.44 ng/ul

RT: 18.18 min Scan# 2566

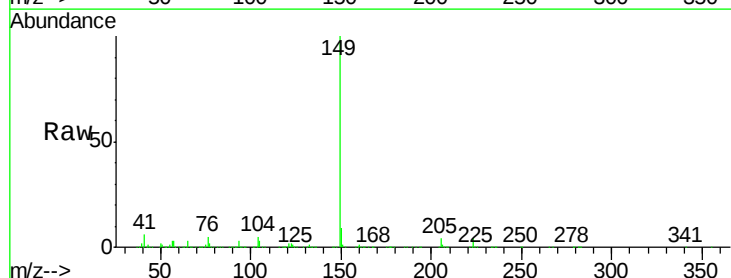
Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Tgt Ion:149 Resp: 1583079

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.1	10.7
104	5.2	5.6	8.4

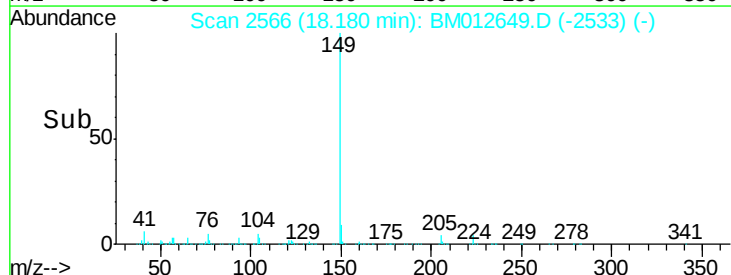
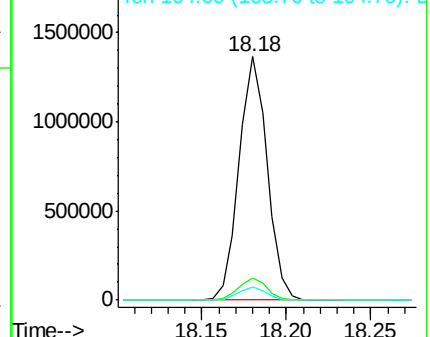


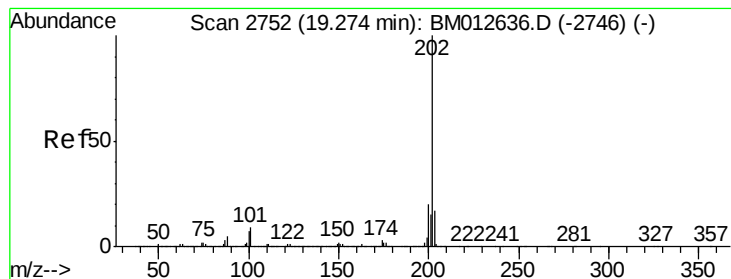
Abundance

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: 23.50 ng/ul

RT: 19.27 min Scan# 2752

Delta R.T. -0.00 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

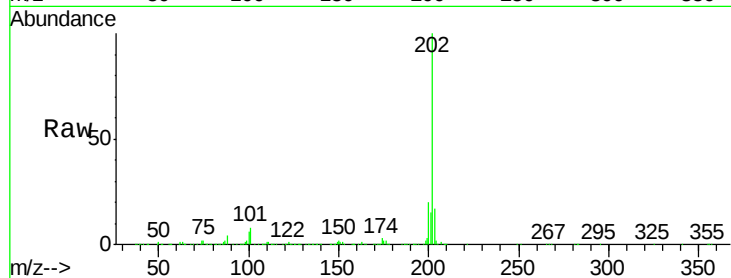
Tot Ion:202 Resp: 1889529

Ion Ratio Lower Upper

202 100

101 7.9 4.6 7.0#

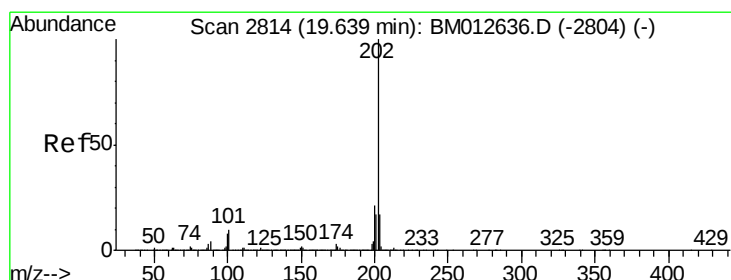
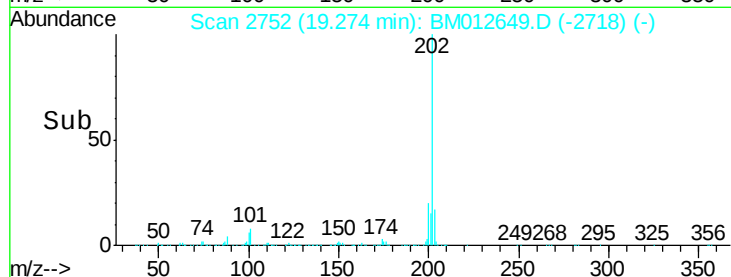
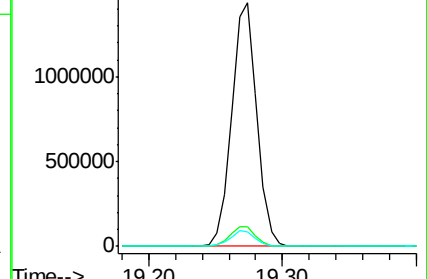
100 6.0 3.4 5.2#



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: 19.80 ng/ul

RT: 19.63 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

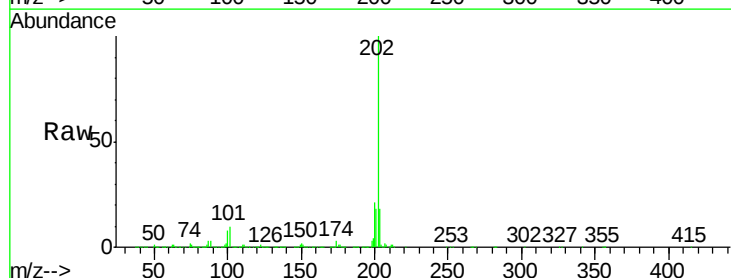
Tgt Ion:202 Resp: 1984234

Ion Ratio Lower Upper

202 100

101 9.8 5.1 7.7#

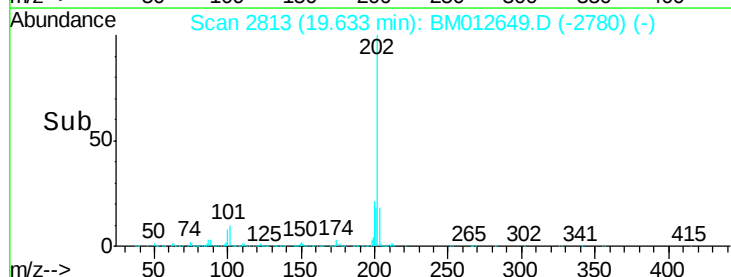
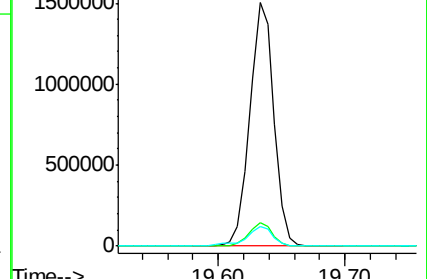
100 7.8 4.9 7.3#

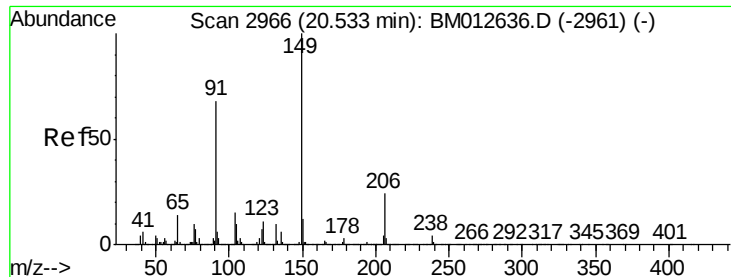


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

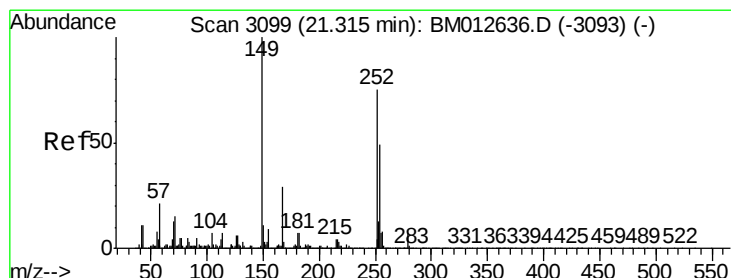
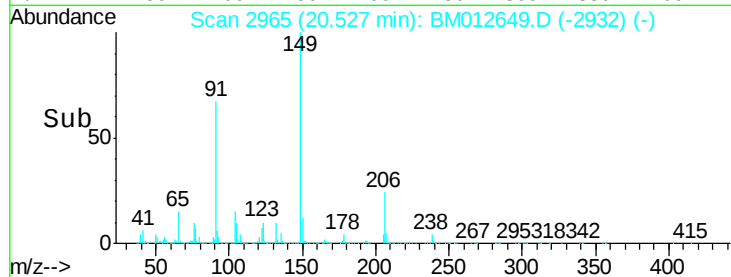
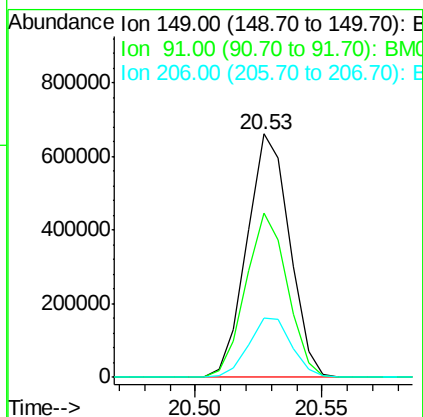
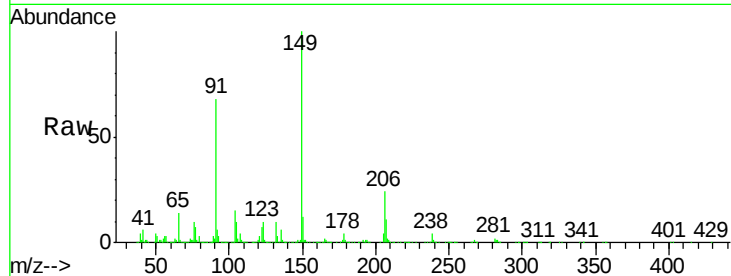




#78
Butylbenzylphthalate
Concen: 19.49 ng/ul
RT: 20.53 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

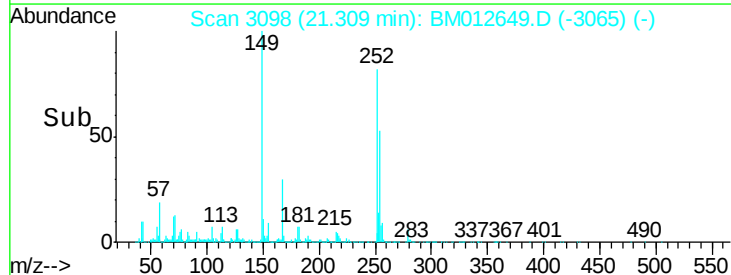
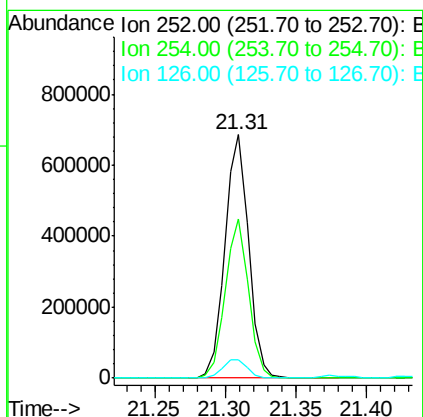
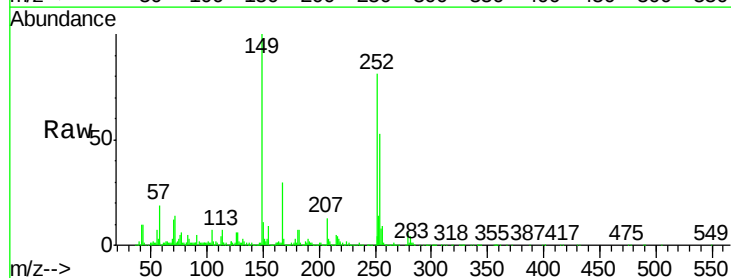
Instrument :
BNA_M
ClientSampleId :
SSTD02080

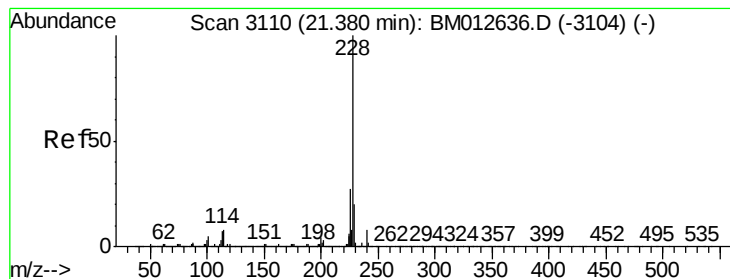
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.5	62.7	94.1
206	24.2	20.8	31.2



#79
3,3'-Dichlorobenzidine
Concen: 20.56 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	54.5	81.7
126	7.6	5.8	8.8





#80

Benzo(a)anthracene

Concen: 20.54 ng/ul

RT: 21.38 min Scan# 3110

Delta R.T. -0.00 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

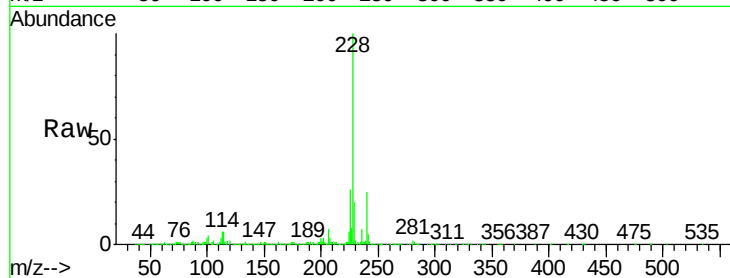
Tot Ion:228 Resp: 2167449

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.4	23.0
226	26.5	21.4	32.0

228 100

229 19.8 15.4 23.0

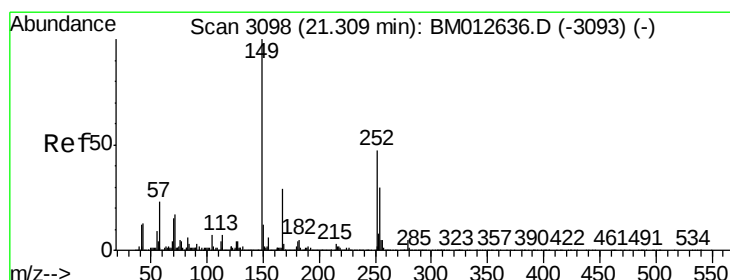
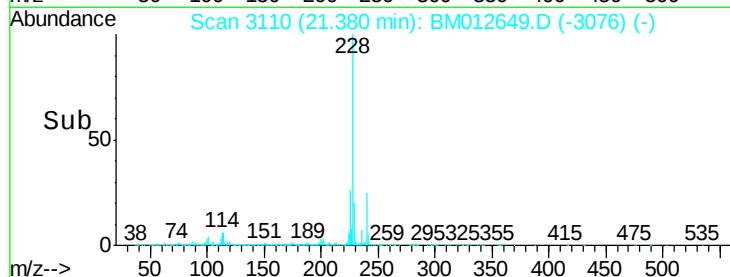
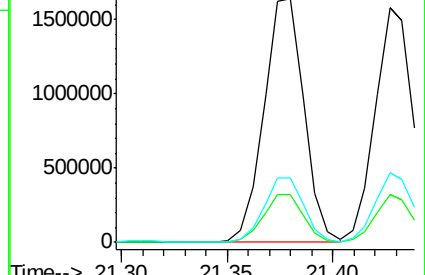
226 26.5 21.4 32.0



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: 19.39 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

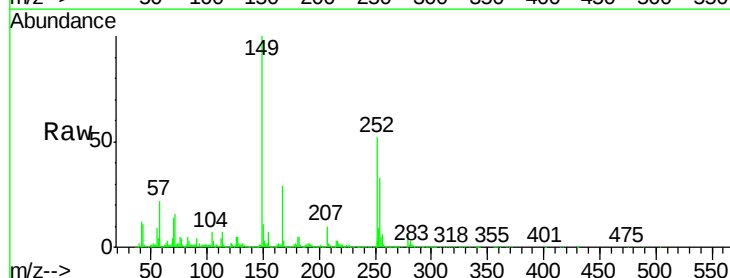
Tgt Ion:149 Resp: 1165047

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.8	34.2
279	5.8	4.9	7.3

149 100

167 29.3 22.8 34.2

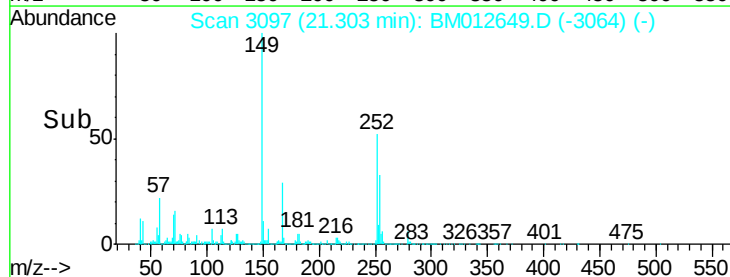
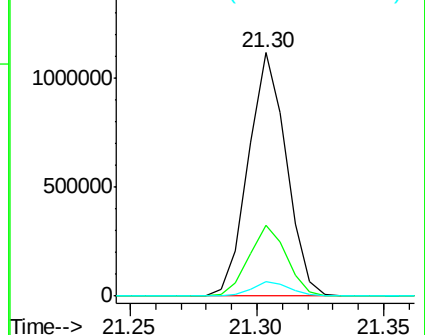
279 5.8 4.9 7.3

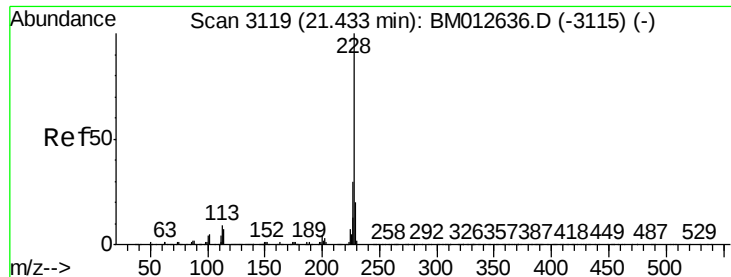


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.86 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

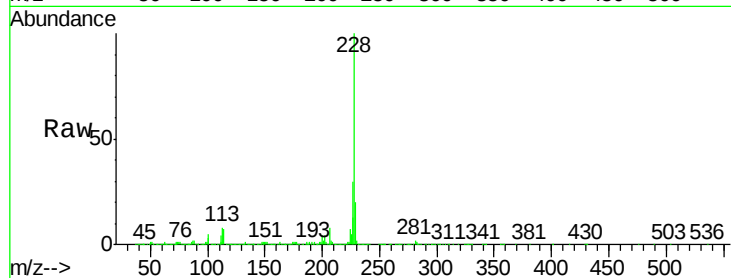
BNA_M

ClientSampleId :

SSTD02080

Tot Ion:228 Resp: 1957567

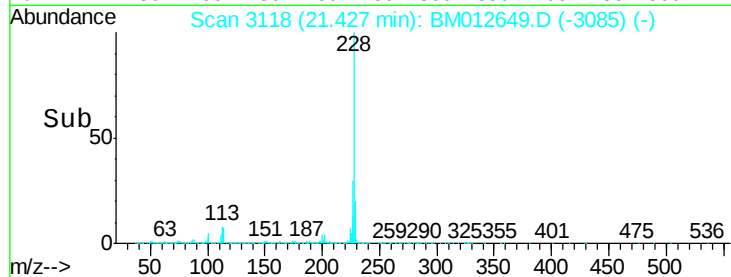
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	20.1	15.5	23.3



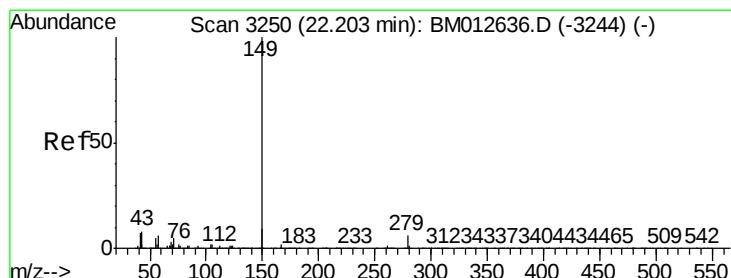
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 19.14 ng/ul

RT: 22.20 min Scan# 3249

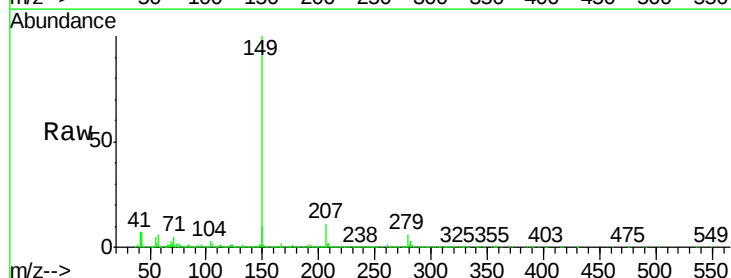
Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Tgt Ion:149 Resp: 2048795

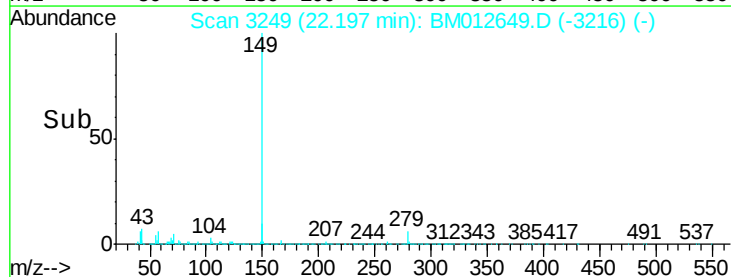
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	7.4	7.3	10.9



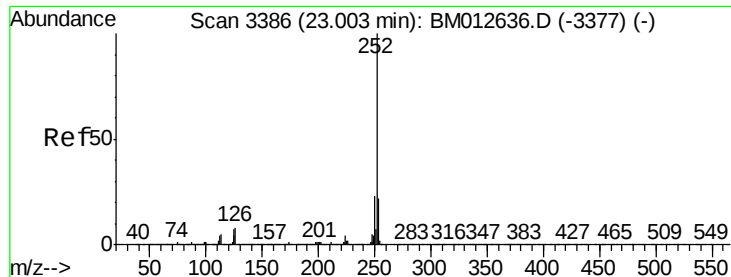
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0



Time-->



#85

Benzo(b)fluoranthene

Concen: 18.93 ng/ul

RT: 23.00 min Scan# 3385

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

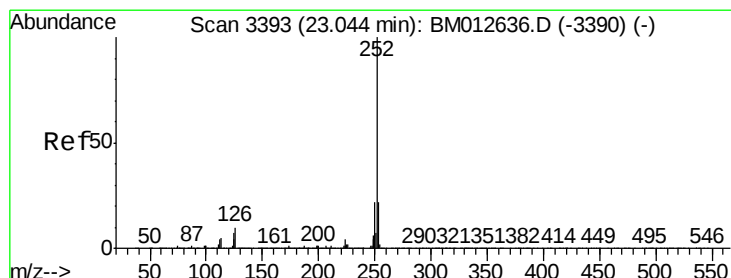
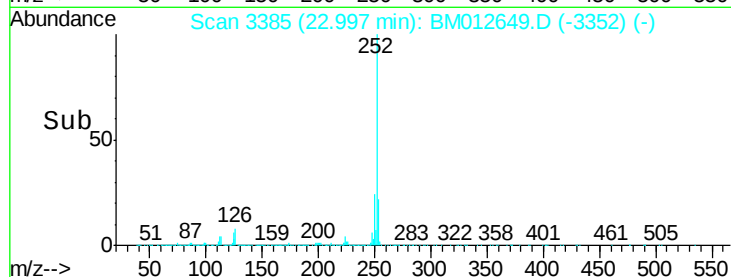
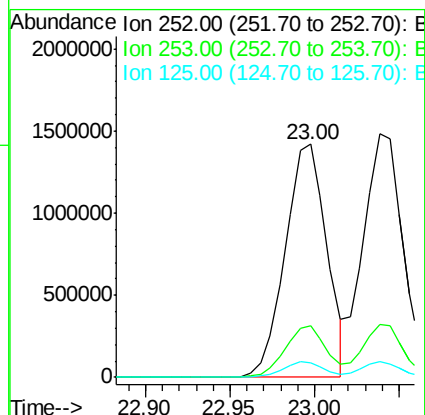
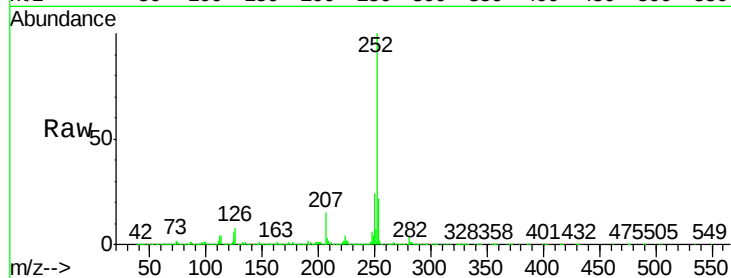
Tot Ion:252 Resp: 2415576

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 6.2 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 20.08 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

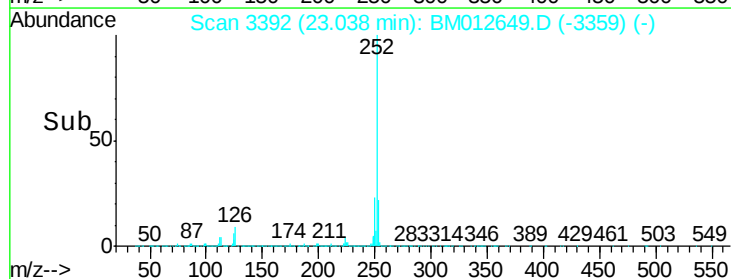
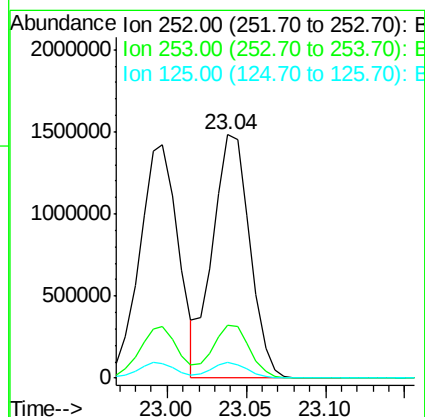
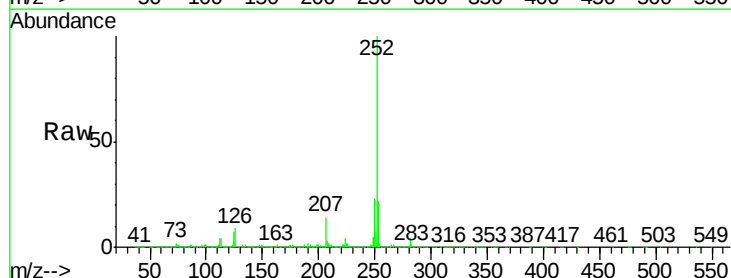
Tgt Ion:252 Resp: 2410840

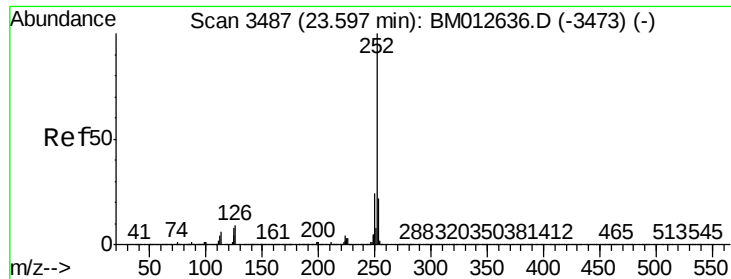
Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 6.5 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 19.92 ng/ul

RT: 23.59 min Scan# 3485

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

Instrument :

BNA_M

ClientSampleId :

SSTD02080

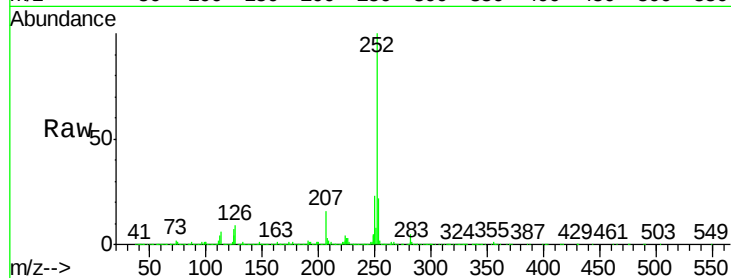
Tot Ion:252 Resp: 2422550

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

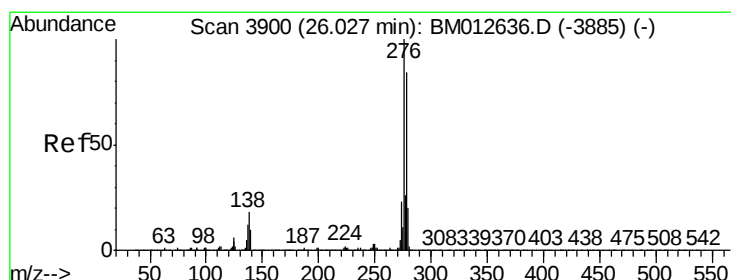
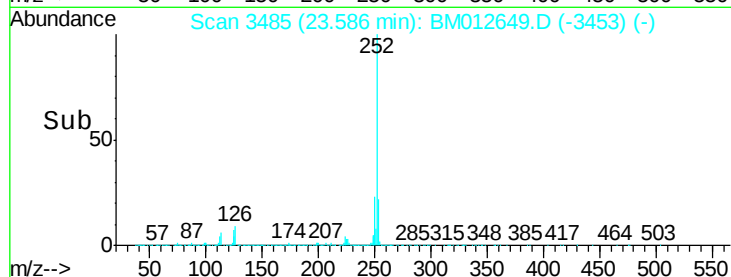
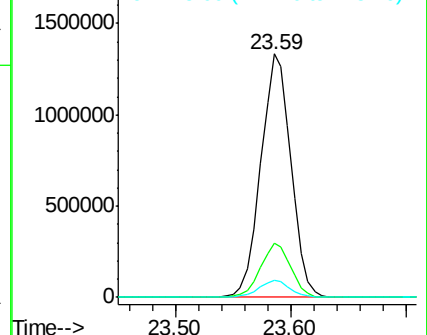
125 7.1 4.0 6.0#



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: 20.94 ng/ul

RT: 26.01 min Scan# 3898

Delta R.T. -0.01 min

Lab File: BM012649.D

Acq: 01 Nov 2017 22:36

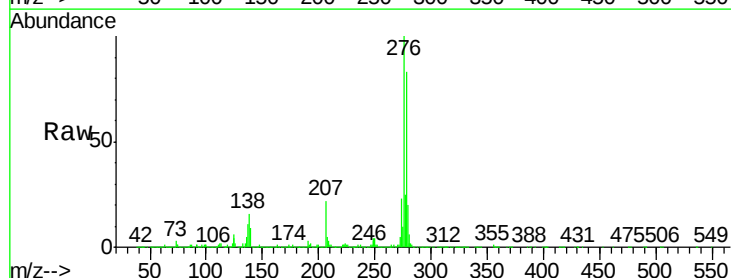
Tgt Ion:276 Resp: 2997629

Ion Ratio Lower Upper

276 100

138 16.2 9.3 13.9#

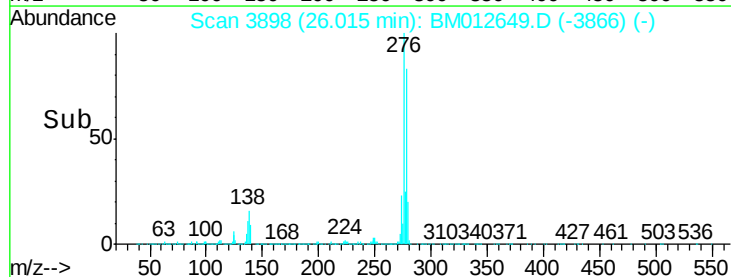
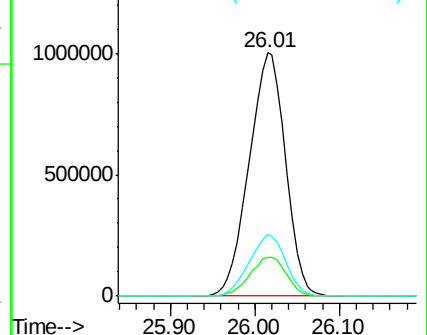
277 25.3 19.9 29.9

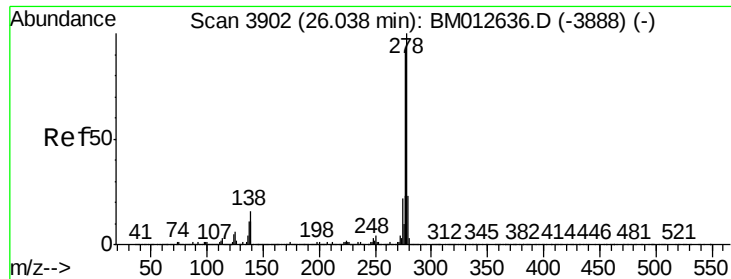


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



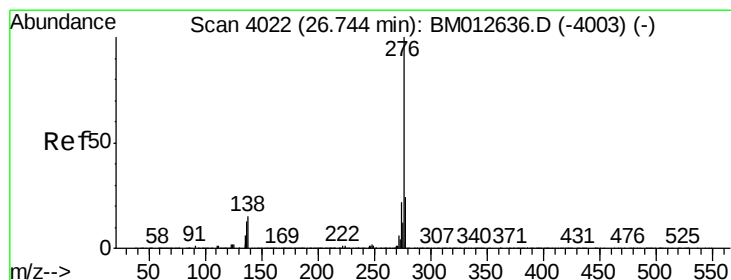
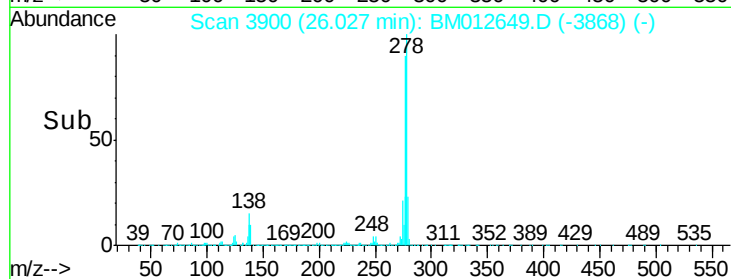
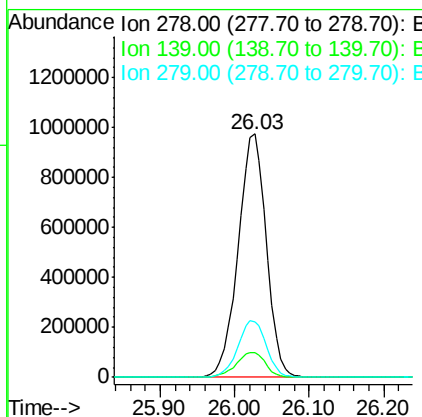
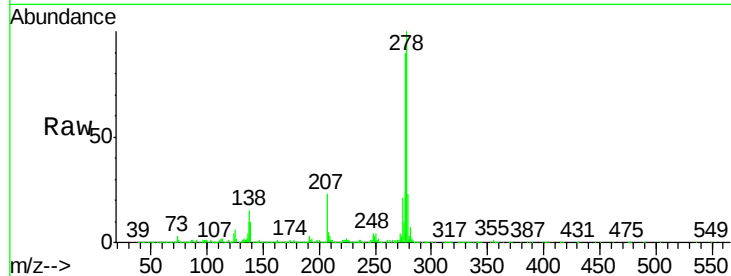


#90
Dibenzo(a,h)anthracene
Concen: 20.98 ng/ul
RT: 26.03 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Instrument :
BNA_M
ClientSampleId :
SSTD02080

Tot Ion:278 Resp: 2546346

Ion	Ratio	Lower	Upper
278	100		
139	10.4	5.8	8.8#
279	22.9	18.6	27.8



#91
Benzo(g,h,i)perylene
Concen: 20.66 ng/ul
RT: 26.73 min Scan# 4019
Delta R.T. -0.02 min
Lab File: BM012649.D
Acq: 01 Nov 2017 22:36

Tgt Ion:276 Resp: 2397430

Ion	Ratio	Lower	Upper
276	100		
138	13.3	8.5	12.7#
277	24.1	18.6	28.0

