

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011818\
 Data File : BM013643.D
 Acq On : 18 Jan 2018 16:28
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02025

Quant Time: Jan 19 01:05:07 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 19 01:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	120741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	479760	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	274603	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	644042	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	729336	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	713586	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	19447	6.37	ng/uL	0.00
5) Phenol-d5	6.80	99	179748	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	106495	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	154100	20.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	140242	19.68	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	72651	19.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	76058	19.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	150533	19.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	156842	23.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	442808	19.57	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	572380	19.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	68583	18.65	ng/ul	0.00
57) Fluorene-d10	15.26	176	388830	19.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	73188	18.88	ng/ul	0.00
70) Anthracene-d10	17.12	188	616582	19.66	ng/ul	0.00
76) Pyrene-d10	19.42	212	699035	20.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	669834	20.42	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.19	88	21664	6.474	ng/uL#	64
4) Benzaldehyde	6.77	77	125974	19.638	ng/ul#	85
6) Phenol	6.82	94	180485	19.413	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.05	93	137006	18.833	ng/ul	98
10) 2-Chlorophenol	7.18	128	149605	19.874	ng/ul	94
11) 2-Methylphenol	8.06	108	136832	19.966	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	139179	18.802	ng/ul#	78
14) Acetophenone	8.44	105	224857	19.069	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.42	70	112092	19.485	ng/ul#	71
16) 4-Methylphenol	8.39	108	146224	19.955	ng/ul	97
17) Hexachloroethane	8.67	117	68936	18.814	ng/ul#	79
20) Nitrobenzene	8.82	77	181404	18.863	ng/ul	98
21) Isophorone	9.33	82	287960	18.532	ng/ul	96
23) 2-Nitrophenol	9.52	139	79052	19.283	ng/ul#	84
24) 2,4-Dimethylphenol	9.59	107	163677	18.938	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.82	93	179682	18.969	ng/ul	95
27) 2,4-Dichlorophenol	10.05	162	144857	19.780	ng/ul#	91
28) Naphthalene	10.45	128	475727	19.932	ng/ul	100
30) 4-Chloroaniline	10.56	127	155059	23.718	ng/ul	95
31) Hexachlorobutadiene	10.72	225	113185	18.828	ng/ul	94
32) Caprolactam	11.33	113	19038	9.345	ng/ul#	29
33) 4-Chloro-3-methylphenol	11.70	107	145185	19.556	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	345384	19.409	ng/ul	98

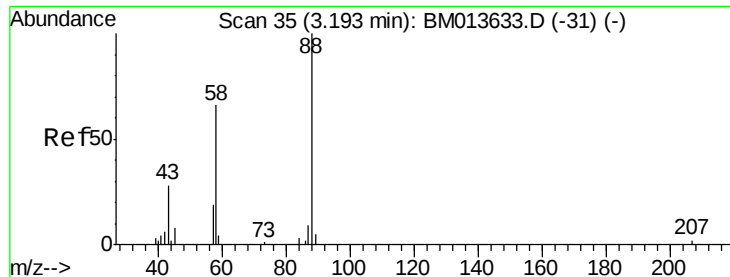
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	191296	18.801	ng/ul	96
37) Hexachlorocyclopentadiene	12.41	237	60502	14.323	ng/ul	97
38) 2,4,6-Trichlorophenol	12.69	196	124799	21.189	ng/ul	97
39) 2,4,5-Trichlorophenol	12.76	196	123686	20.182	ng/ul	97
40) 1,1'-Biphenyl	13.09	154	452935	19.815	ng/ul	97
41) 2-Chloronaphthalene	13.13	162	359821	20.138	ng/ul	95
42) 2-Nitroaniline	13.35	65	97237	19.728	ng/ul	98
44) Dimethylphthalate	13.73	163	429646	19.308	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	84483	19.592	ng/ul#	97
47) Acenaphthylene	13.99	152	526284	19.930	ng/ul	98
48) 3-Nitroaniline	14.19	138	74417	21.943	ng/ul#	82
49) Acenaphthene	14.33	153	363889	19.897	ng/ul	98
50) 2,4-Dinitrophenol	14.41	184	38529	15.587	ng/ul	99
52) 4-Nitrophenol	14.50	109	73741	19.736	ng/ul#	80
53) Dibenzofuran	14.67	168	536128	19.487	ng/ul	100
54) 2,4-Dinitrotoluene	14.65	165	125777	20.009	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	111723	19.381	ng/ul	96
56) Diethylphthalate	15.10	149	419937	18.752	ng/ul	94
58) Fluorene	15.32	166	438765	19.469	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.32	204	227150	18.653	ng/ul	97
60) 4-Nitroaniline	15.36	138	91458	23.049	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.42	198	71919	17.576	ng/ul	93
64) N-Nitrosodiphenylamine	15.54	169	371730	19.625	ng/ul	98
65) 4-Bromophenyl-phenylether	16.22	248	148787	19.560	ng/ul	98
66) Hexachlorobenzene	16.32	284	158331	19.337	ng/ul#	89
67) Atrazine	16.50	200	143343	18.961	ng/ul	90
68) Pentachlorophenol	16.67	266	76595	17.604	ng/ul	94
69) Phenanthrene	17.06	178	709943	19.831	ng/ul	98
71) Anthracene	17.15	178	736271	19.939	ng/ul	98
72) Carbazole	17.43	167	611771	20.071	ng/ul	97
73) Di-n-butylphthalate	18.00	149	681426	19.009	ng/ul	99
74) Fluoranthene	19.09	202	840101	19.659	ng/ul#	93
77) Pyrene	19.45	202	893129	20.143	ng/ul#	95
78) Butylbenzylphthalate	20.36	149	316361	20.256	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.14	252	265799	22.030	ng/ul	95
80) Benzo(a)anthracene	21.20	228	896626	20.345	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.14	149	444521	18.970	ng/ul#	97
82) Chrysene	21.26	228	815476	20.171	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	753806	17.529	ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	923782	21.080	ng/ul#	98
86) Benzo(k)fluoranthene	22.80	252	832498	19.654	ng/ul#	97
88) Benzo(a)pyrene	23.33	252	841069	20.316	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.62	276	964165	19.730	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.63	278	820124	19.873	ng/ul#	97
91) Benzo(g,h,i)perylene	26.30	276	802587	19.955	ng/ul#	95

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



#2

1,4-Dioxane

Concen: 6.474 ng/uL

RT: 3.19 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

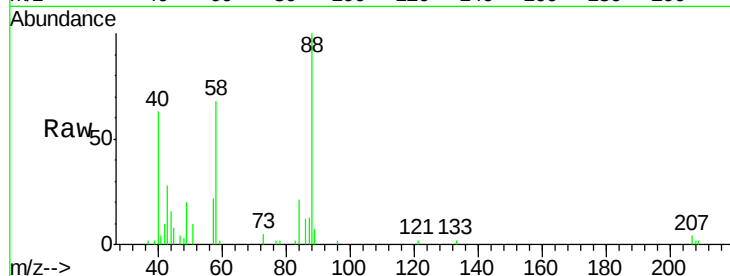
Tot Ion: 88 Resp: 21664

Ion Ratio Lower Upper

88 100

43 30.6 48.0 72.0#

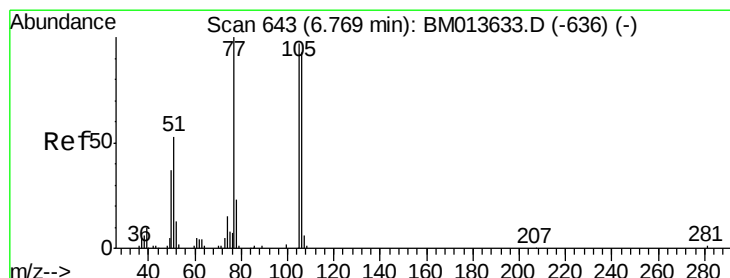
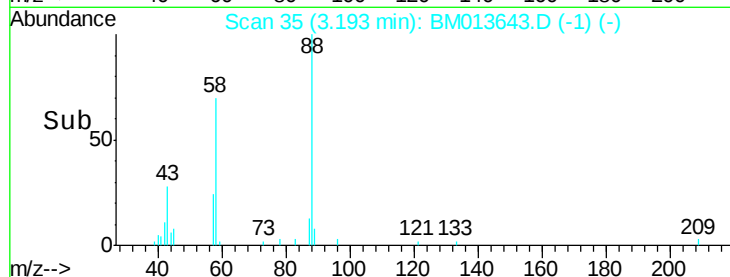
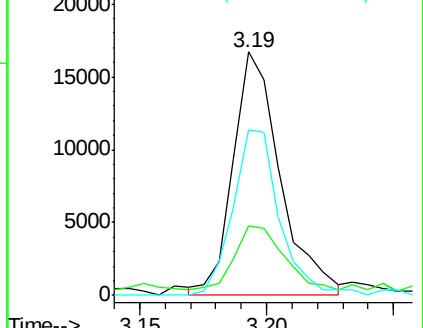
58 66.4 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013643.D (-31) (-)

Ion 43.00 (42.70 to 43.70): BM013643.D (-31) (-)

Ion 58.00 (57.70 to 58.70): BM013643.D (-31) (-)



#4

Benzaldehyde

Concen: 19.638 ng/uL

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

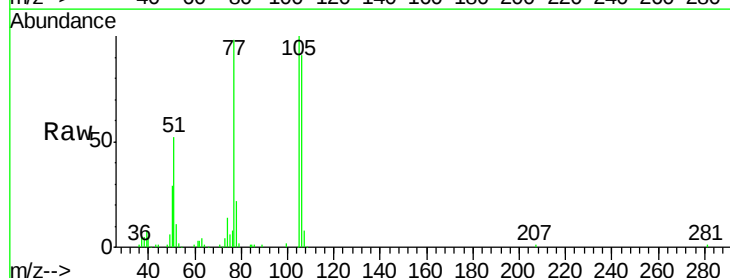
Tgt Ion: 77 Resp: 125974

Ion Ratio Lower Upper

77 100

105 101.9 66.1 99.1#

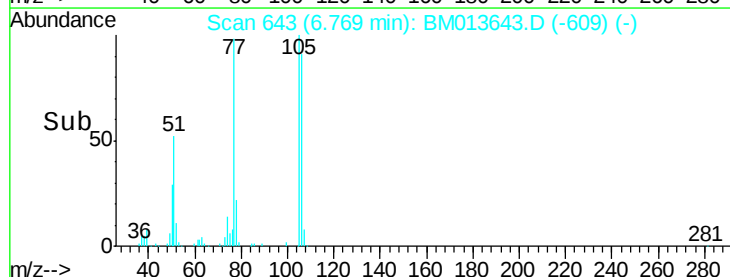
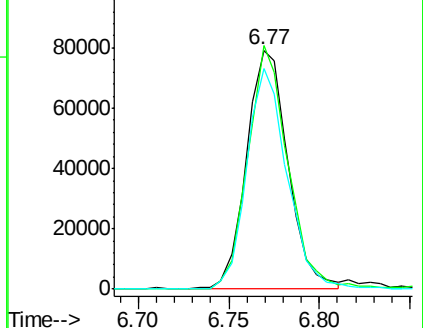
106 92.5 67.8 101.6

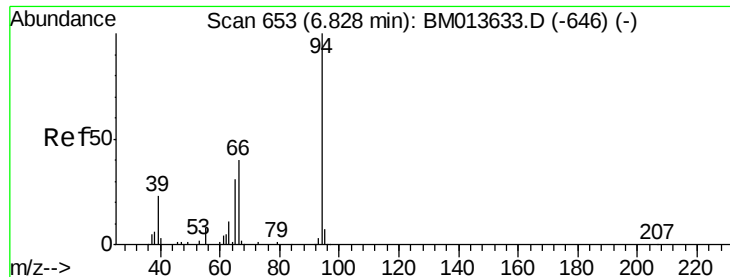


Abundance Ion 77.00 (76.70 to 77.70): BM013643.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM013643.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM013643.D (-636) (-)





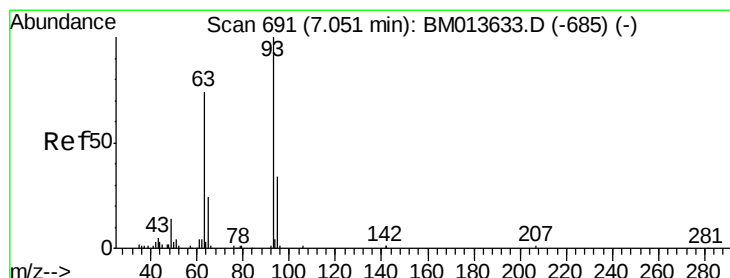
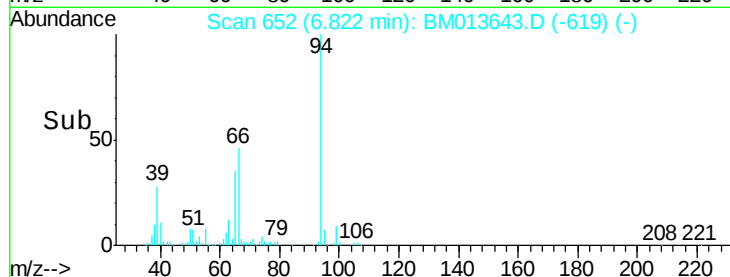
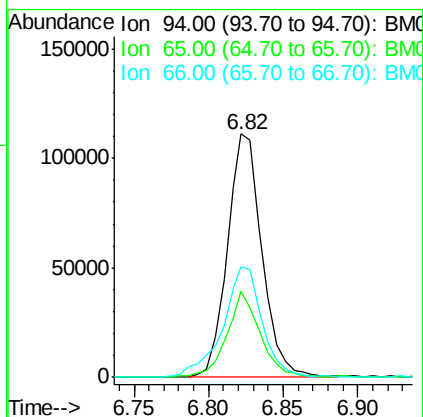
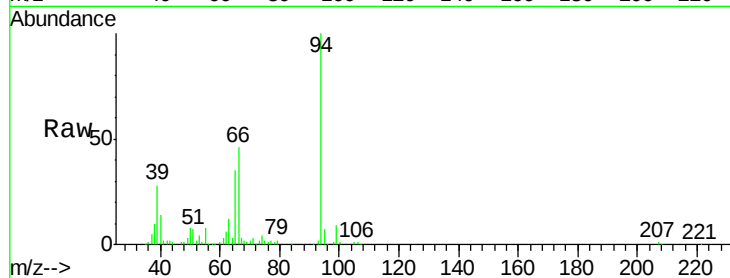
#6

Phenol

Concen: 19.413 ng/ul
 RT: 6.82 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BM013643.D
 Acq: 18 Jan 2018 16:28

Instrument :
 BNA_M
 ClientSampled :
 SSTD02025

Tot Ion	94	Resp	180485
Ion Ratio	Lower	Upper	
94	100		
65	35.3	28.2	42.4
66	45.6	47.2	70.8#

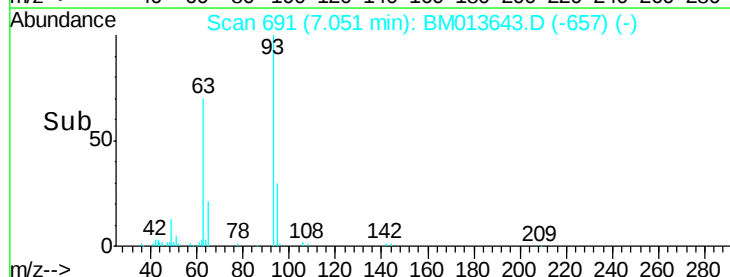
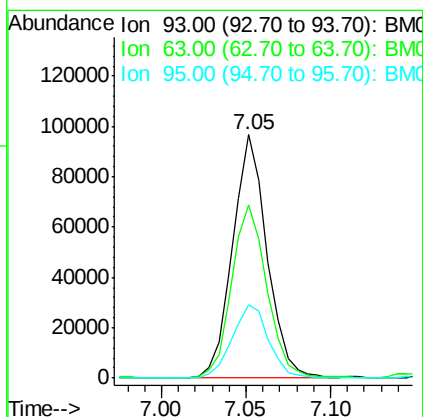
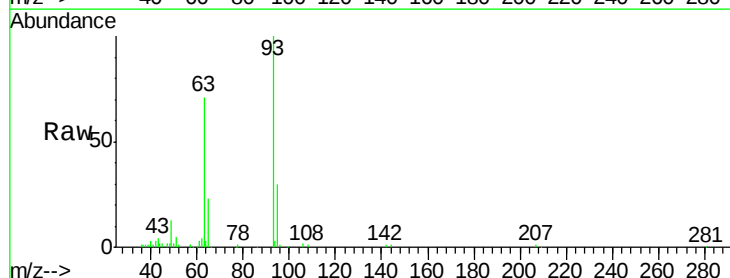


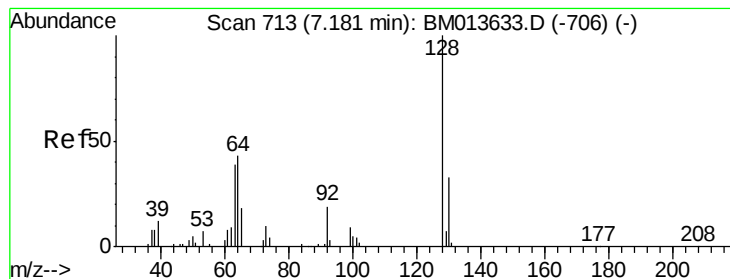
#8

Bis(2-Chloroethyl)ether

Concen: 18.833 ng/ul
 RT: 7.05 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BM013643.D
 Acq: 18 Jan 2018 16:28

Tgt Ion	93	Resp	137006
Ion Ratio	Lower	Upper	
93	100		
63	71.4	57.3	85.9
95	30.1	26.6	39.8





#10

2-Chlorophenol

Concen: 19.874 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

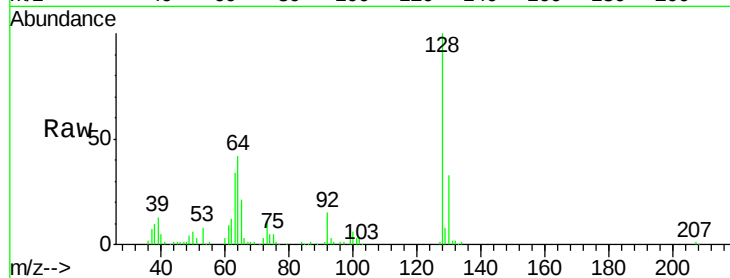
Tot Ion:128 Resp: 149605

Ion Ratio Lower Upper

128 100

64 42.4 38.0 57.0

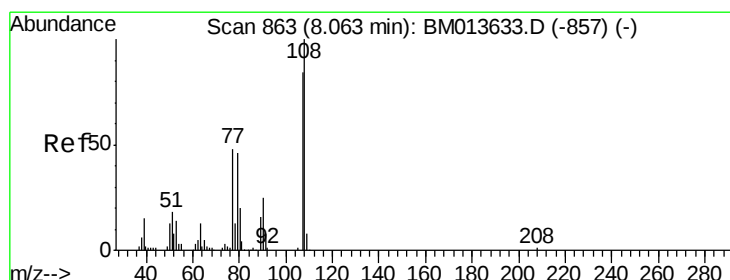
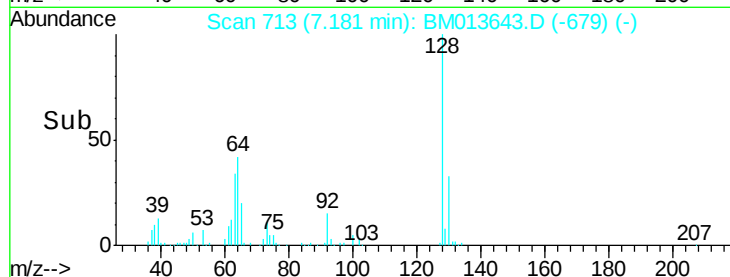
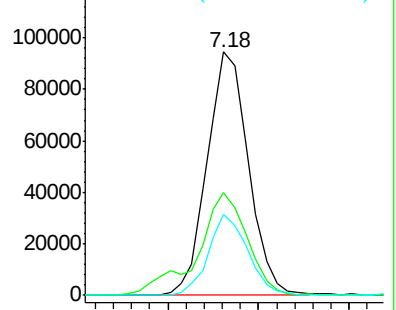
130 33.0 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.966 ng/ul

RT: 8.06 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM013643.D

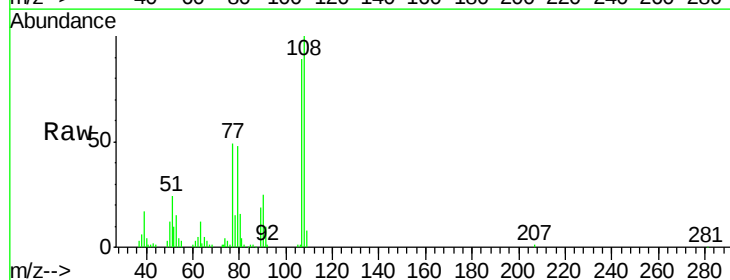
Acq: 18 Jan 2018 16:28

Tgt Ion:108 Resp: 136832

Ion Ratio Lower Upper

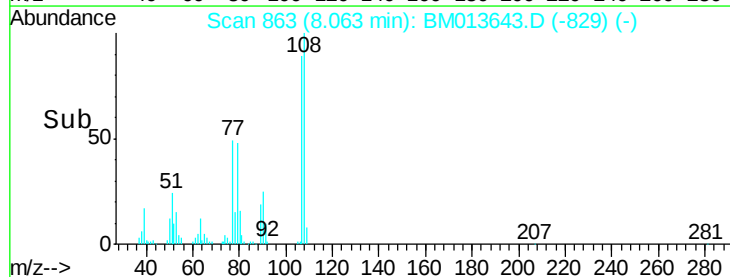
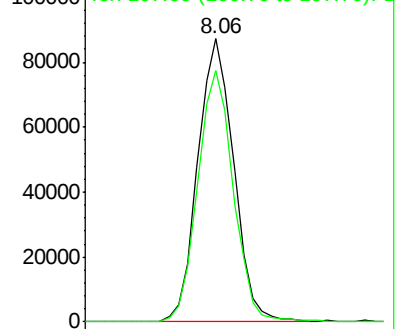
108 100

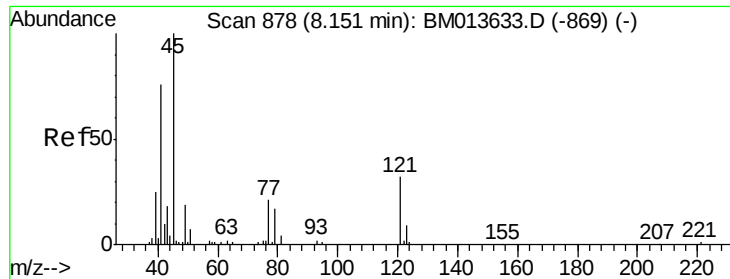
107 89.0 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

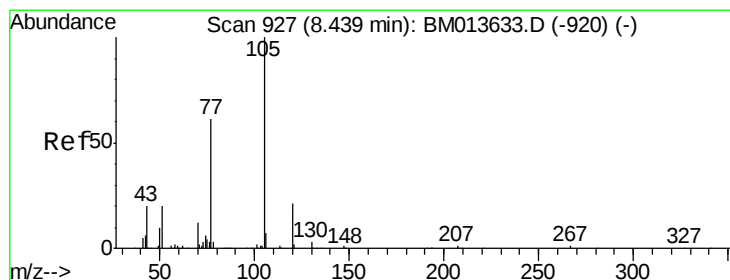
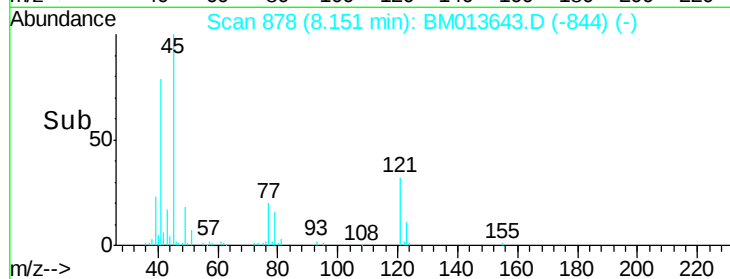
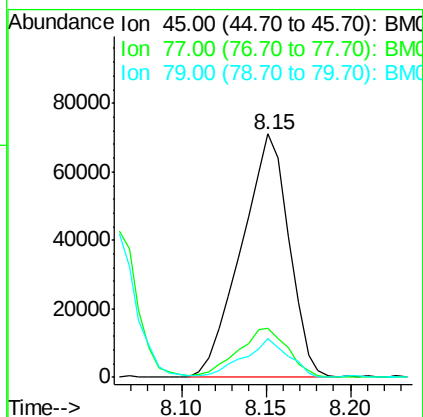
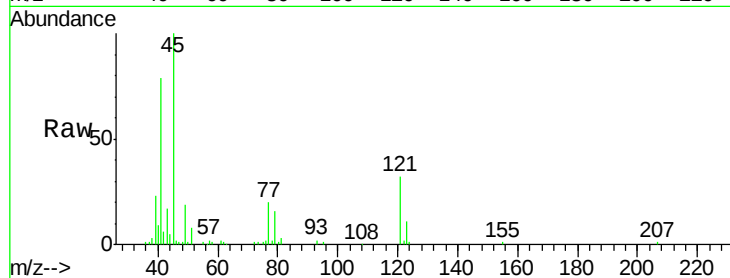




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.802 ng/ul
RT: 8.15 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

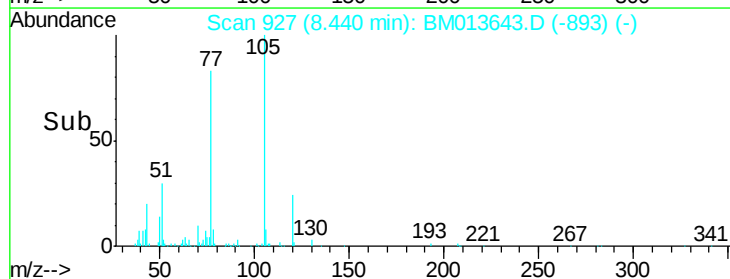
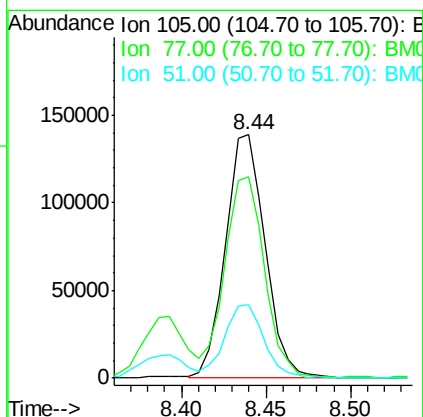
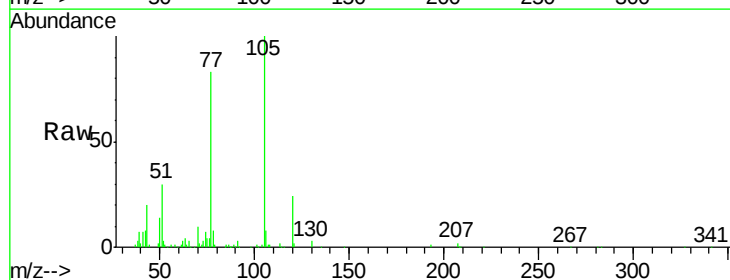
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ClientSampleId :
SSTD02025

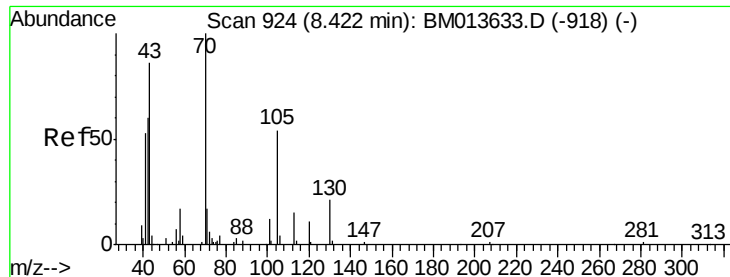
Tot Ion: 45 Resp: 139179
Ion Ratio Lower Upper
45 100
77 20.2 8.0 12.0#
79 16.0 8.0 12.0#



#14
Acetophenone
Concen: 19.069 ng/ul
RT: 8.44 min Scan# 927
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

Tgt Ion: 105 Resp: 224857
Ion Ratio Lower Upper
105 100
77 82.9 74.2 111.4
51 29.9 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 19.485 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

Tot Ion: 70 Resp: 112092

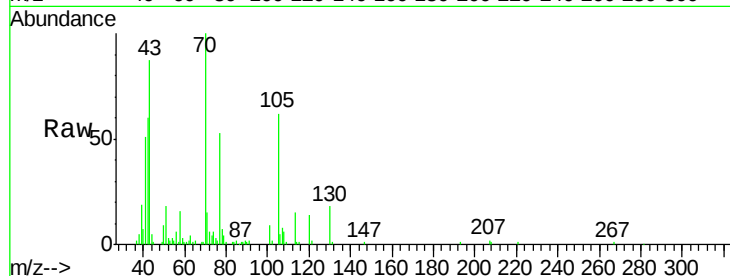
Ion Ratio Lower Upper

70 100

42 59.6 76.0 114.0#

101 9.4 6.7 10.1

130 18.3 14.6 22.0

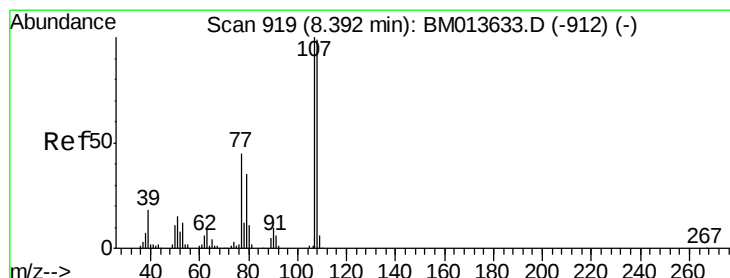
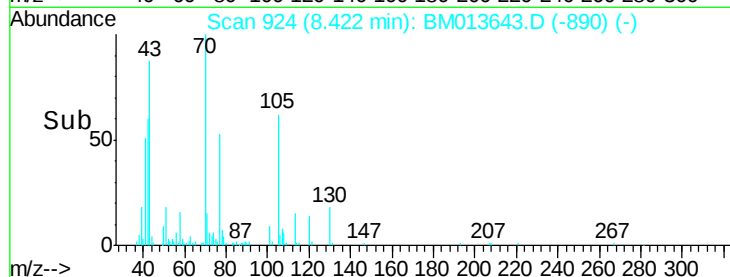
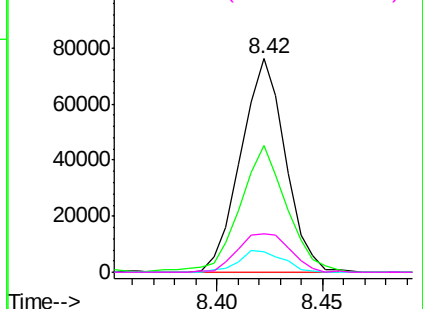


Abundance Ion 70.00 (69.70 to 70.70): BM013643.D (-918) (-)

Ion 42.00 (41.70 to 42.70): BM013643.D (-918) (-)

Ion 101.00 (100.70 to 101.70): BM013643.D (-918) (-)

Ion 130.00 (129.70 to 130.70): BM013643.D (-918) (-)



#16

4-Methylphenol

Concen: 19.955 ng/ul

RT: 8.39 min Scan# 919

Delta R.T. 0.00 min

Lab File: BM013643.D

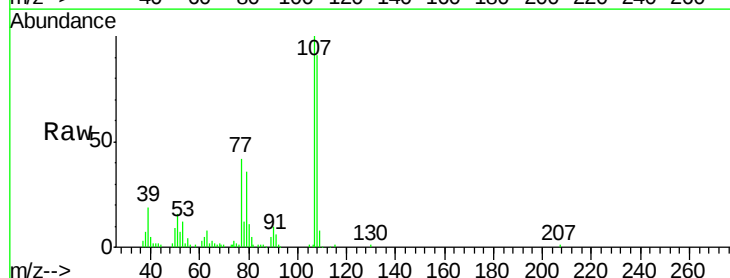
Acq: 18 Jan 2018 16:28

Tgt Ion: 108 Resp: 146224

Ion Ratio Lower Upper

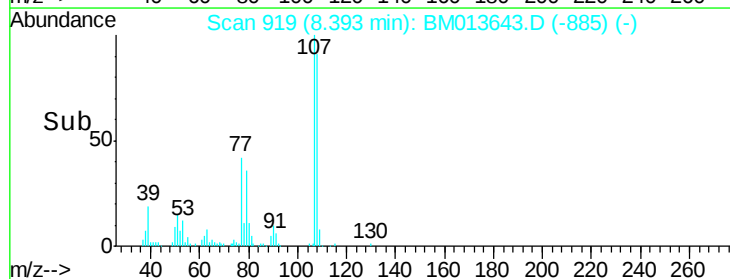
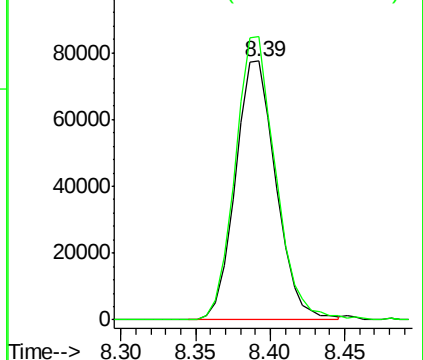
108 100

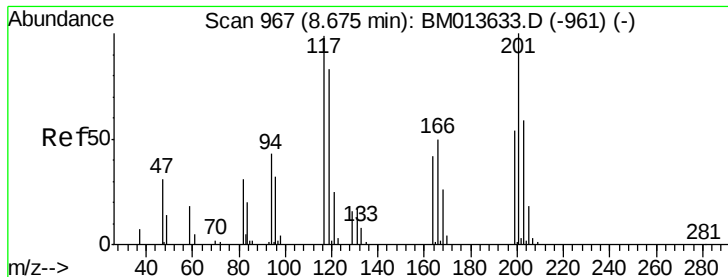
107 109.5 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM013643.D (-885) (-)

Ion 107.00 (106.70 to 107.70): BM013643.D (-885) (-)





#17

Hexachloroethane

Concen: 18.814 ng/ul

RT: 8.67 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

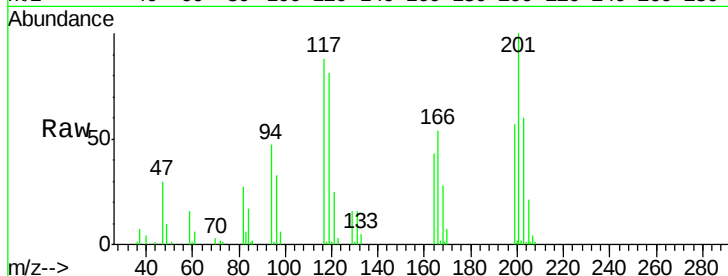
Tot Ion:117 Resp: 68936

Ion Ratio Lower Upper

117 100

201 114.2 111.6 167.4

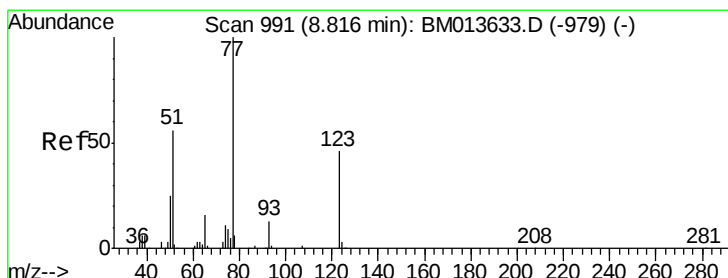
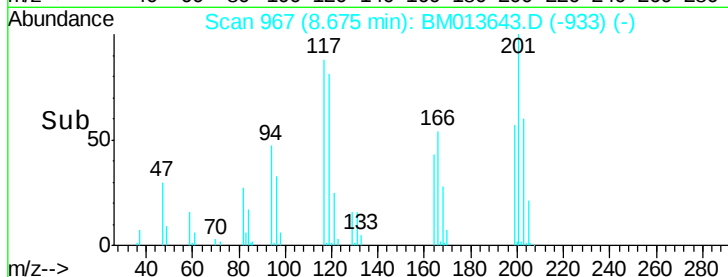
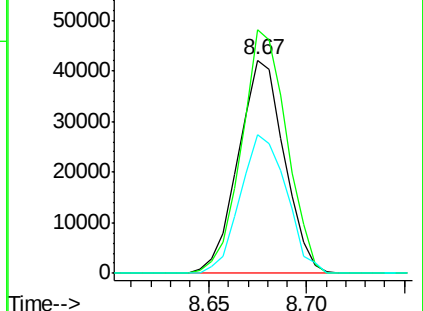
199 65.1 67.8 101.6#



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: 18.863 ng/ul

RT: 8.82 min Scan# 991

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

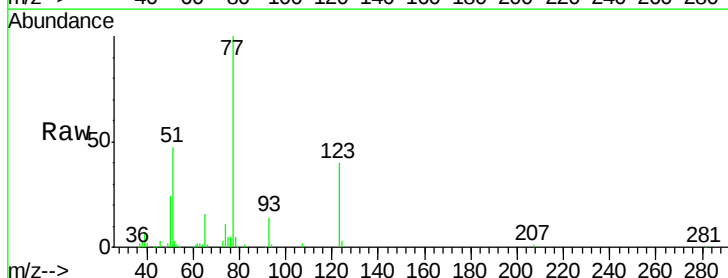
Tgt Ion: 77 Resp: 181404

Ion Ratio Lower Upper

77 100

123 40.3 31.0 46.6

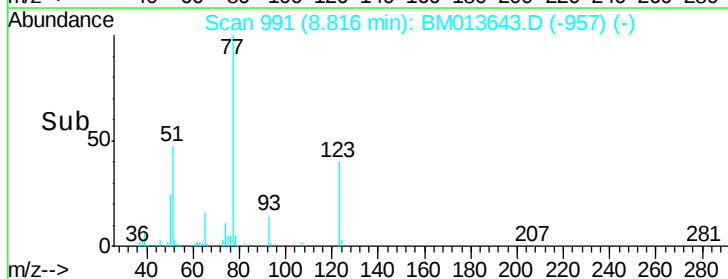
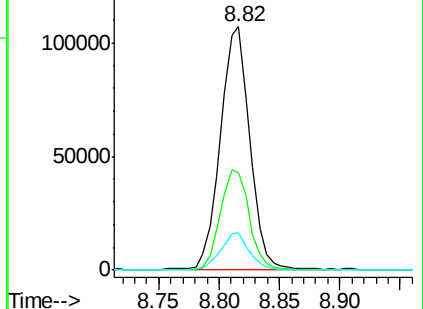
65 15.5 12.2 18.2

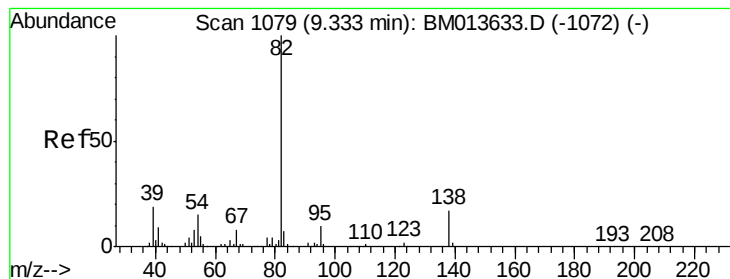


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 18.532 ng/ul

RT: 9.33 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

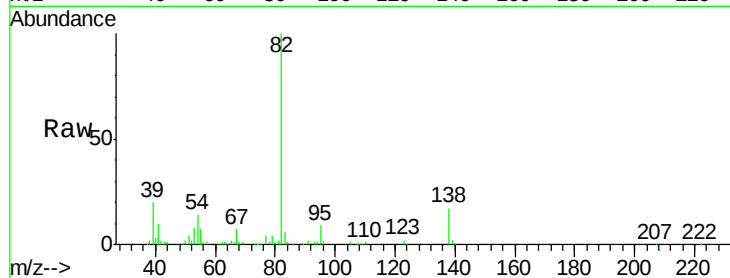
Tot Ion: 82 Resp: 287960

Ion Ratio Lower Upper

82 100

95 8.8 7.8 11.8

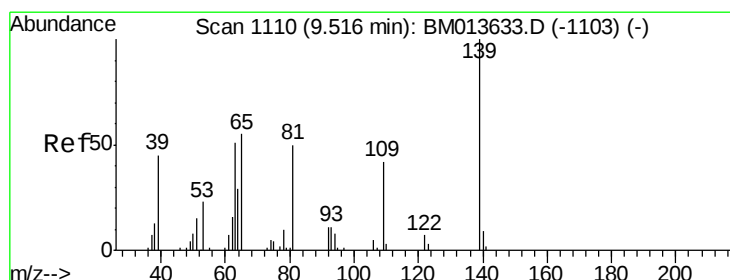
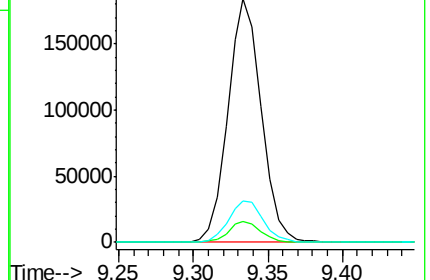
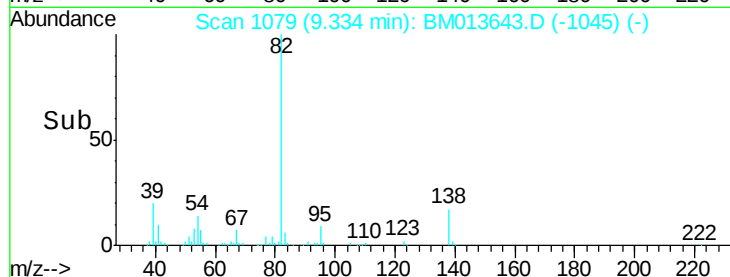
138 17.0 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM013643.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM013643.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM013643.D (-1072) (-)



#23

2-Nitrophenol

Concen: 19.283 ng/ul

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

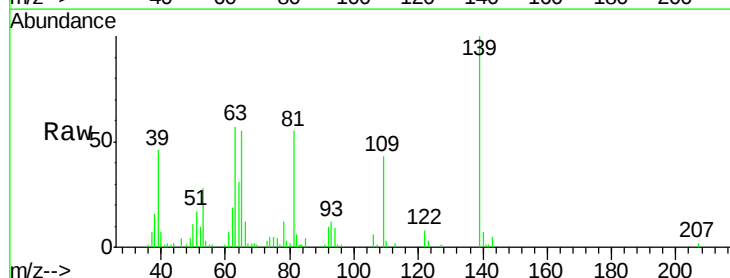
Tgt Ion: 139 Resp: 79052

Ion Ratio Lower Upper

139 100

65 55.3 55.4 83.0#

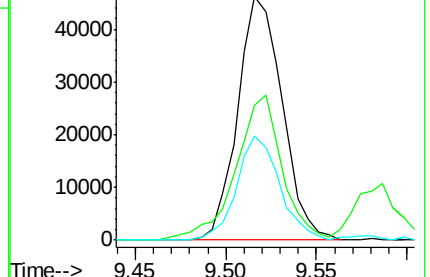
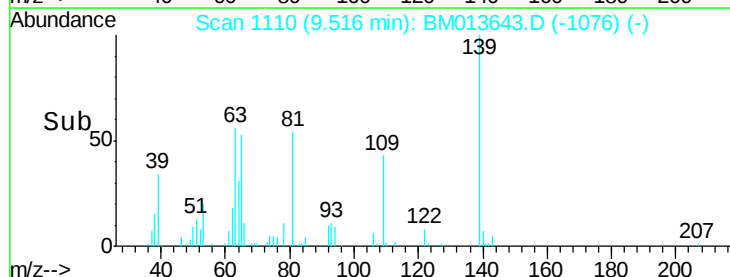
109 42.5 42.2 63.2

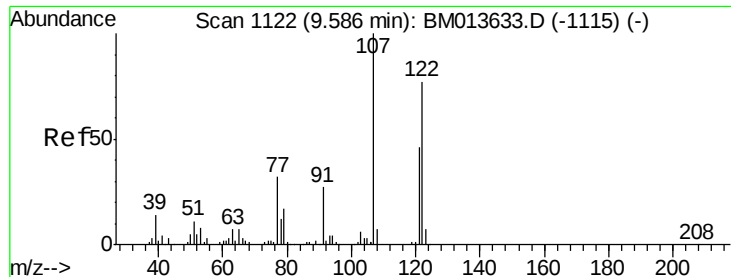


Abundance Ion 139.00 (138.70 to 139.70): BM013643.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM013643.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM013643.D (-1103) (-)





#24

2,4-Dimethylphenol

Concen: 18.938 ng/ul

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

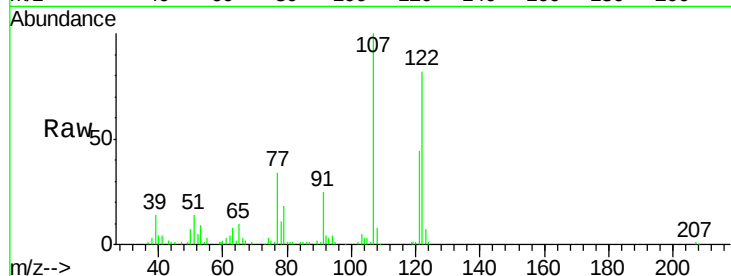
Tot Ion:107 Resp: 163677

Ion Ratio Lower Upper

107 100

121 44.5 31.9 47.9

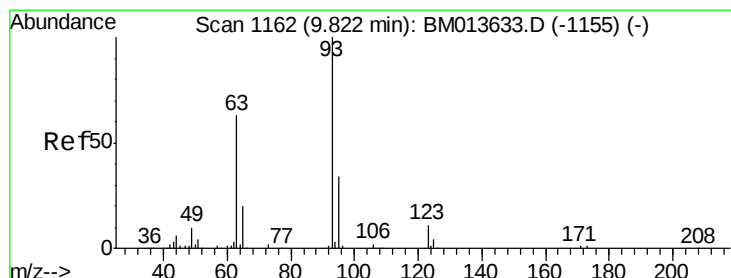
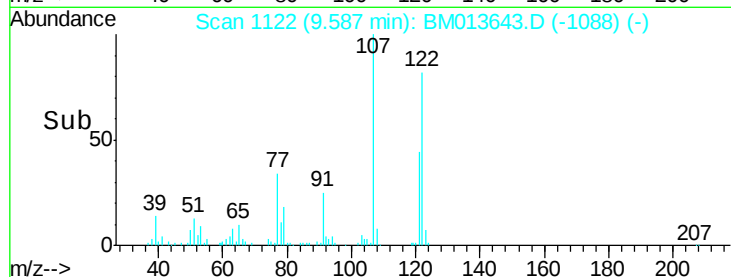
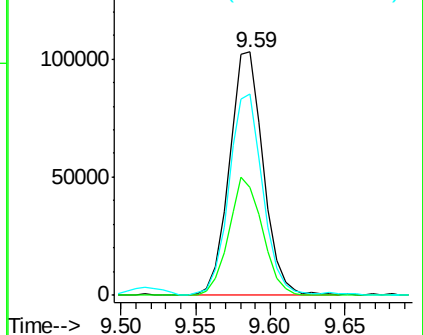
122 82.5 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 18.969 ng/ul

RT: 9.82 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

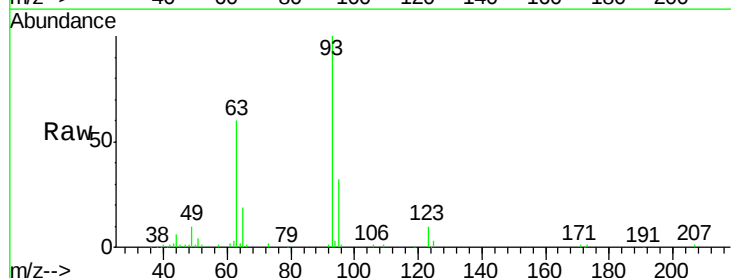
Tgt Ion: 93 Resp: 179682

Ion Ratio Lower Upper

93 100

95 32.2 28.5 42.7

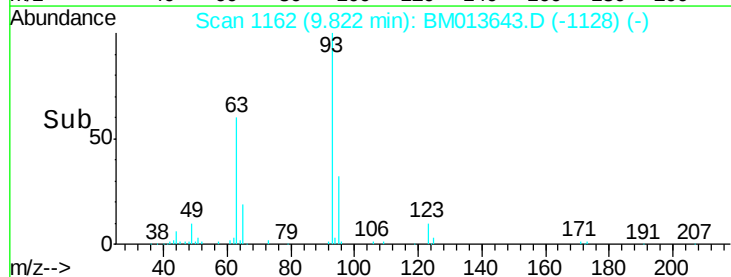
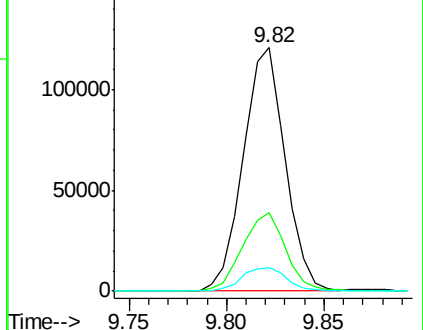
123 9.7 8.9 13.3

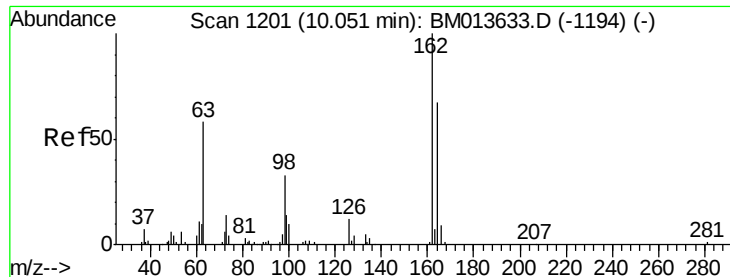


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.780 ng/ul

RT: 10.05 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

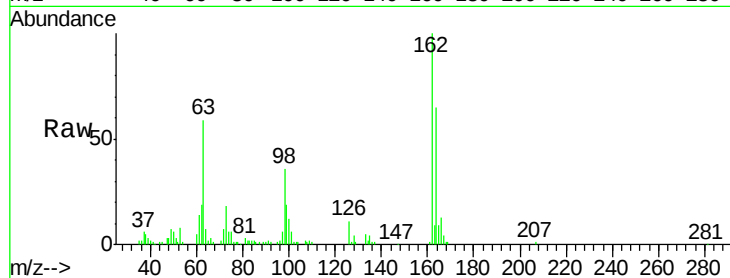
Tot Ion:162 Resp: 144857

Ion Ratio Lower Upper

162 100

164 64.9 47.8 71.6

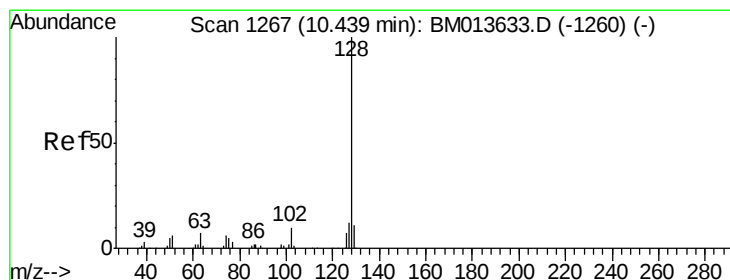
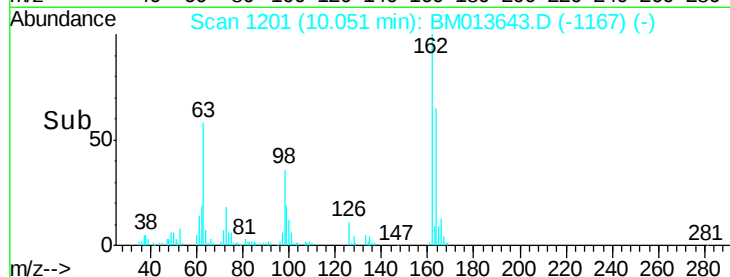
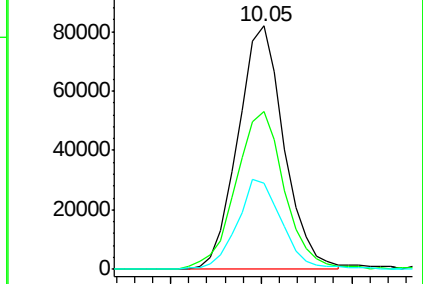
98 35.6 23.0 34.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.932 ng/ul

RT: 10.45 min Scan# 1268

Delta R.T. 0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

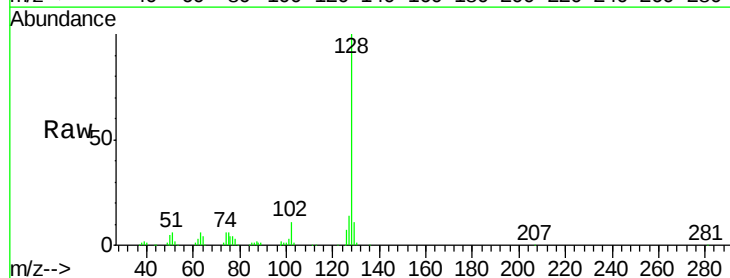
Tgt Ion:128 Resp: 475727

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

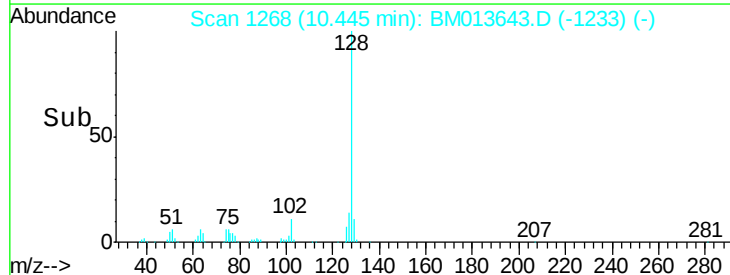
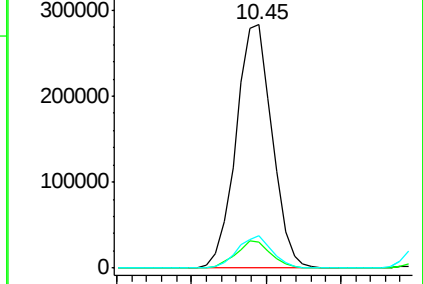
127 13.5 10.6 16.0

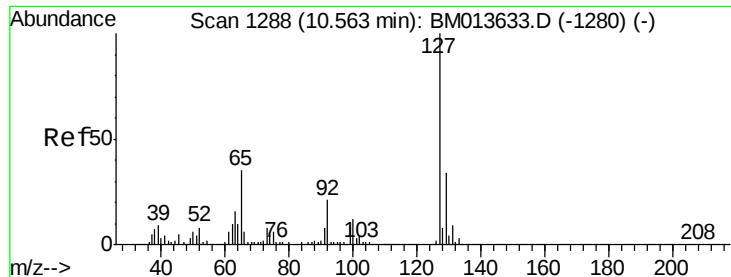


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

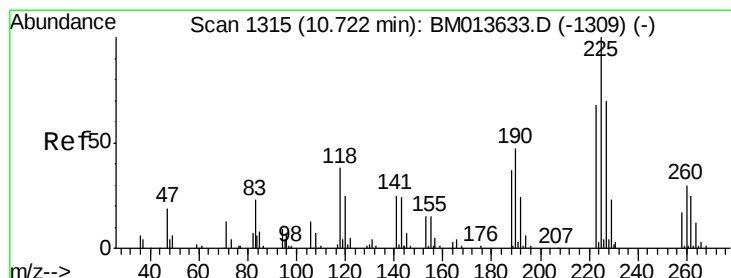
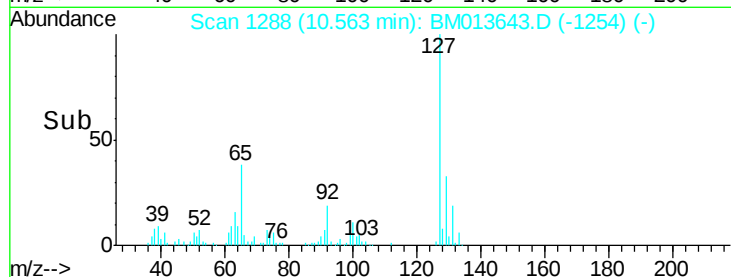
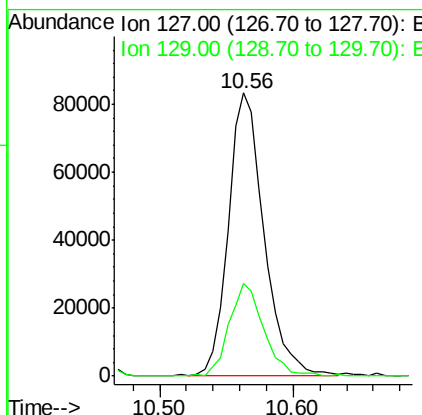
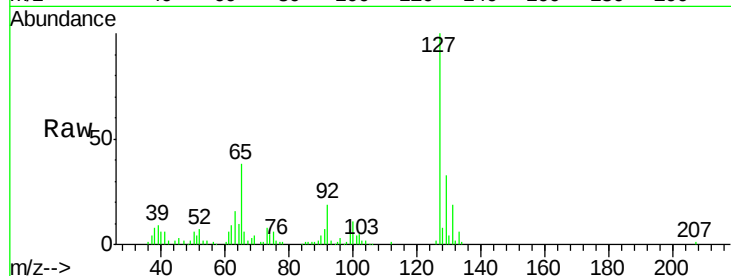




#30
4-Chloroaniline
Concen: 23.718 ng/ul
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

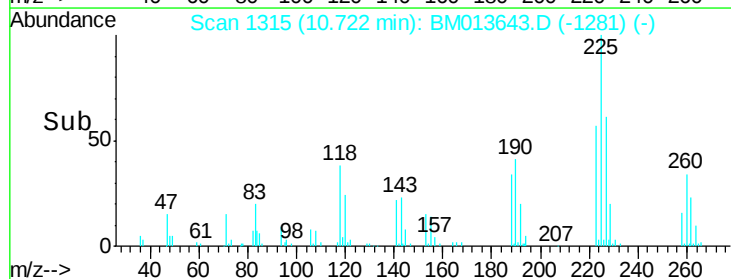
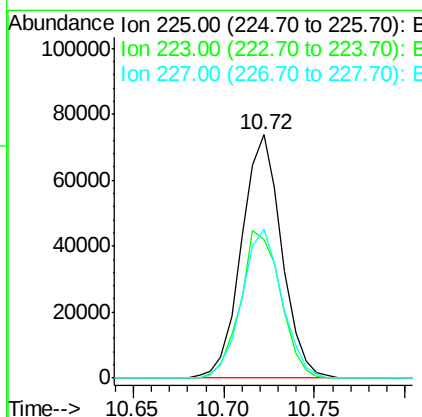
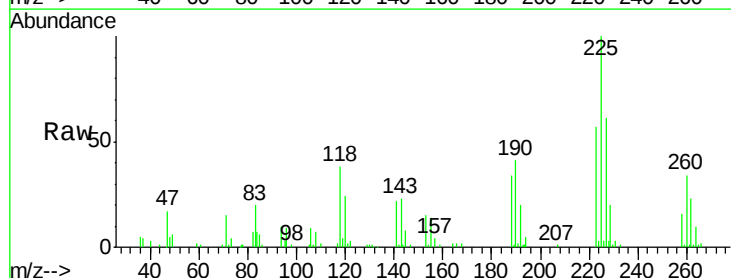
Instrument :
BNA_M
ClientSampleId :
SSTD02025

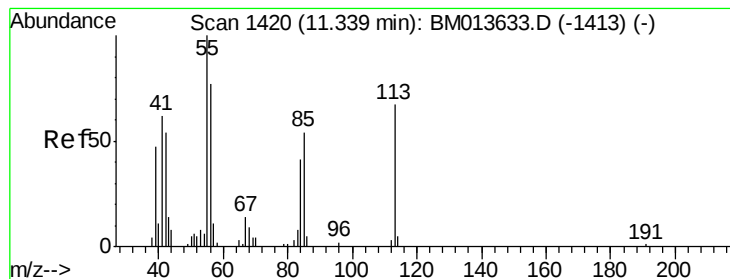
Tot Ion:127 Resp: 155059
Ion Ratio Lower Upper
127 100
129 32.8 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.828 ng/ul
RT: 10.72 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

Tgt Ion:225 Resp: 113185
Ion Ratio Lower Upper
225 100
223 57.2 49.4 74.2
227 61.1 45.4 68.2





#32

Caprolactam

Concen: 9.345 ng/ul

RT: 11.33 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

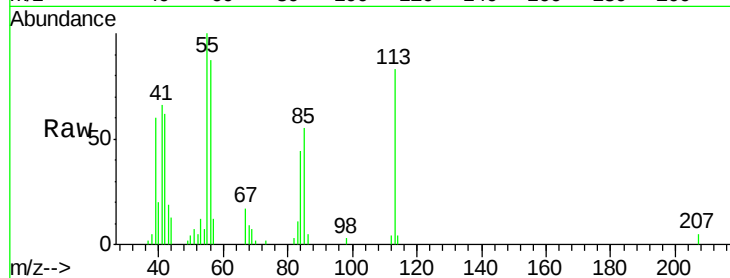
Tot Ion:113 Resp: 19038

Ion Ratio Lower Upper

113 100

55 120.7 208.0 312.0#

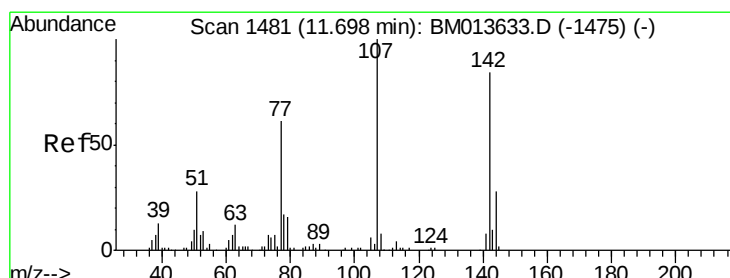
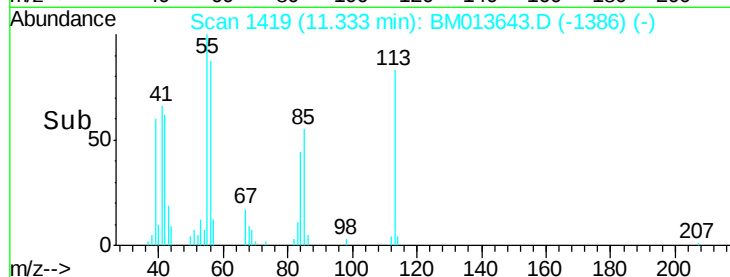
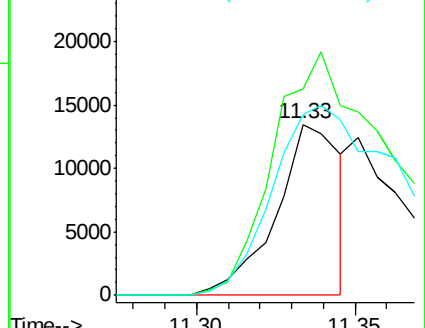
56 105.6 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.556 ng/ul

RT: 11.70 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

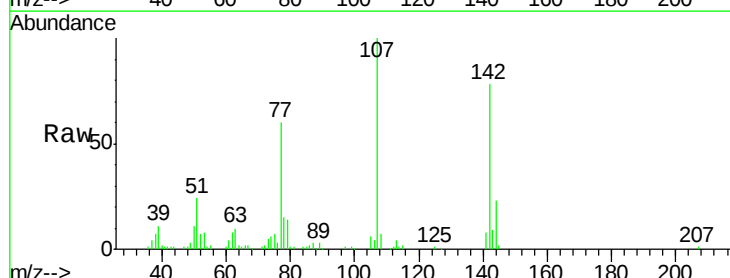
Tgt Ion:107 Resp: 145185

Ion Ratio Lower Upper

107 100

144 23.4 20.4 30.6

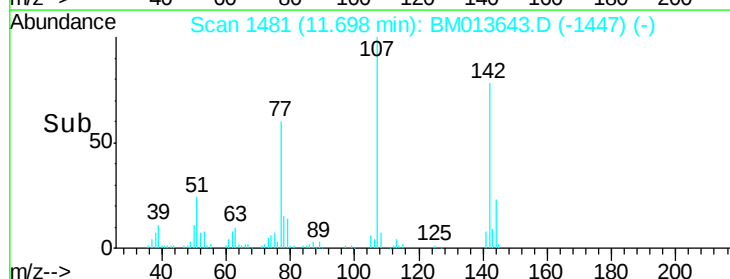
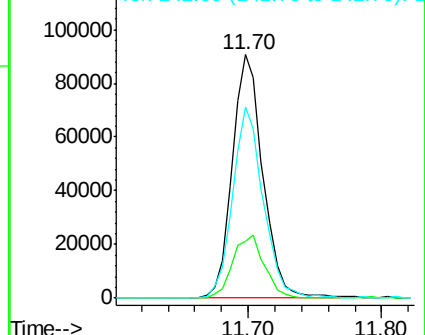
142 78.4 60.5 90.7

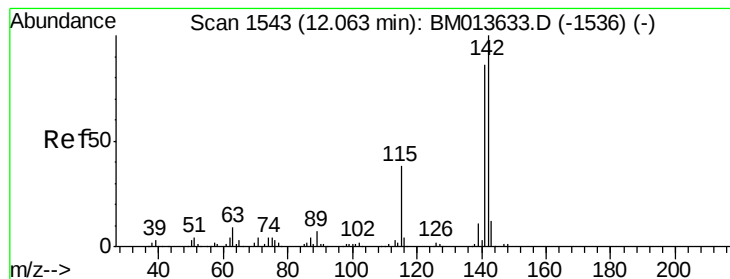


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.409 ng/ul

RT: 12.06 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

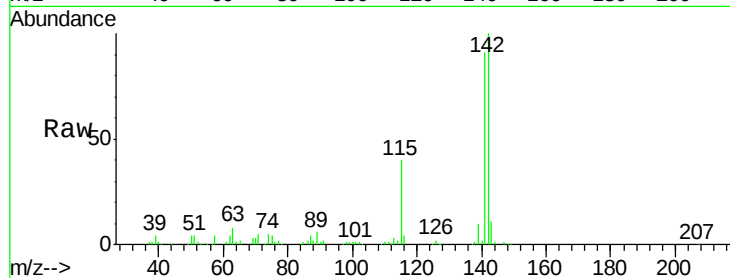
SSTD02025

Tot Ion:142 Resp: 345384

Ion Ratio Lower Upper

142 100

141 90.8 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.06

250000

200000

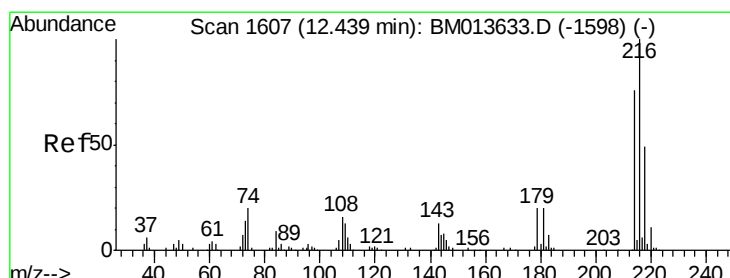
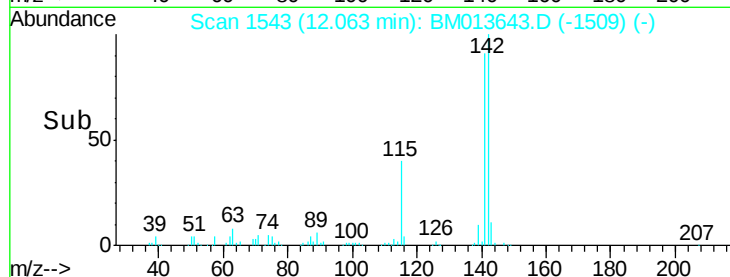
150000

100000

50000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.801 ng/ul

RT: 12.44 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Tgt Ion:216 Resp: 191296

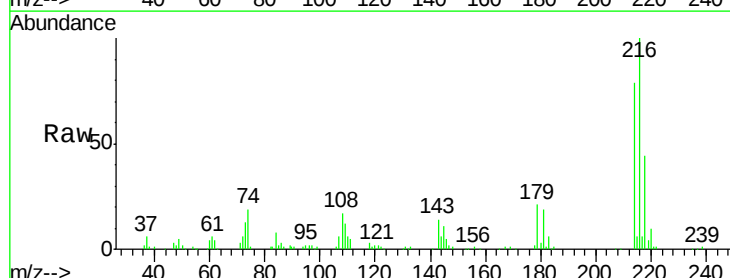
Ion Ratio Lower Upper

216 100

214 79.1 60.6 90.8

179 20.6 17.5 26.3

108 16.6 11.3 16.9



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

200000

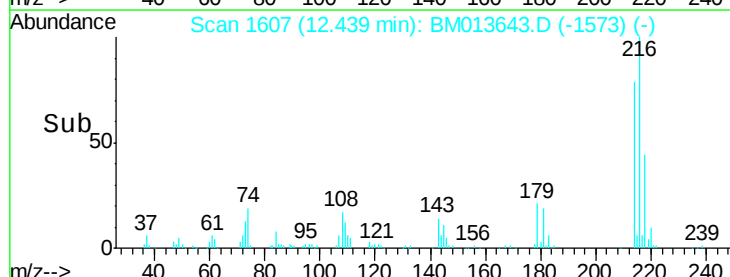
150000

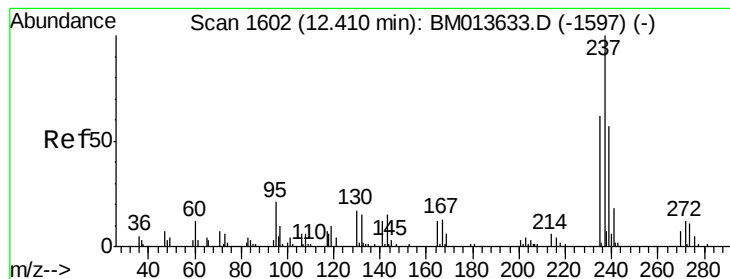
100000

50000

0

Time-->





#37

Hexachlorocyclopentadiene

Concen: 14.323 ng/uL

RT: 12.41 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

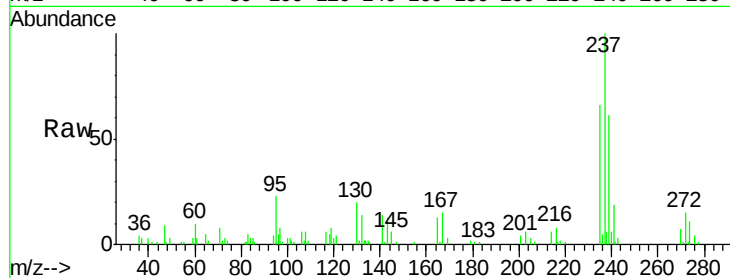
Tot Ion:237 Resp: 60502

Ion Ratio Lower Upper

237 100

235 65.6 50.2 75.4

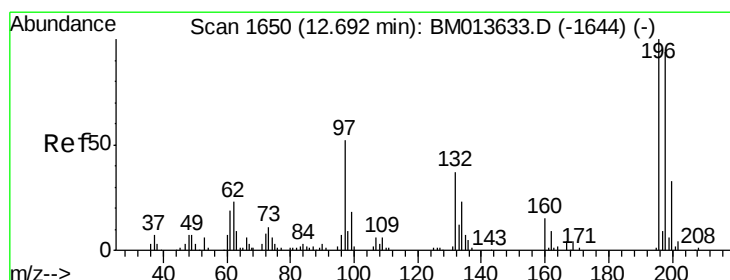
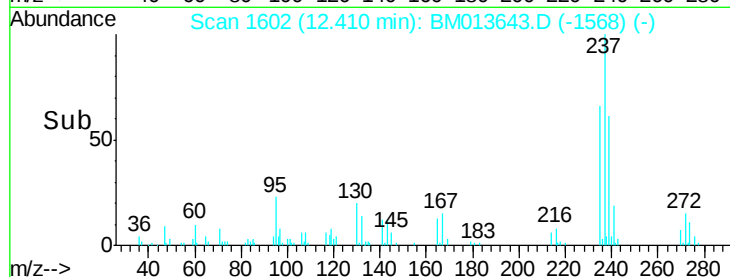
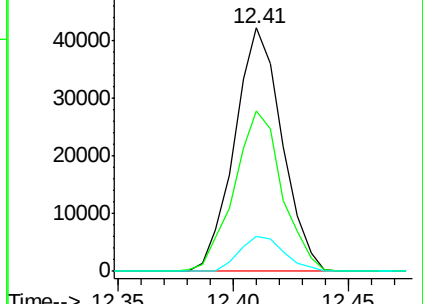
272 14.5 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.189 ng/uL

RT: 12.69 min Scan# 1649

Delta R.T. -0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

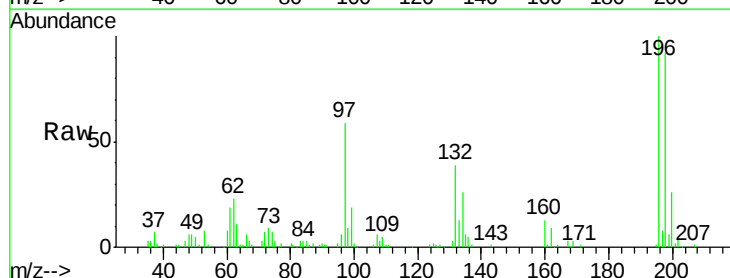
Tgt Ion:196 Resp: 124799

Ion Ratio Lower Upper

196 100

198 91.6 74.1 111.1

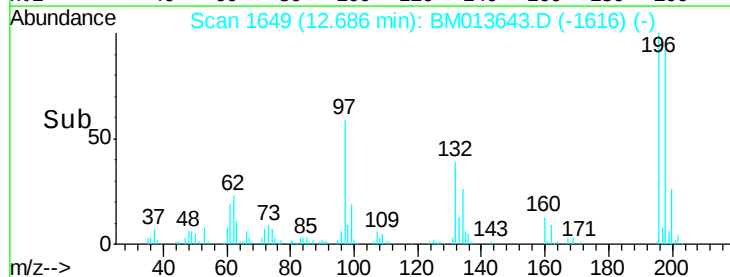
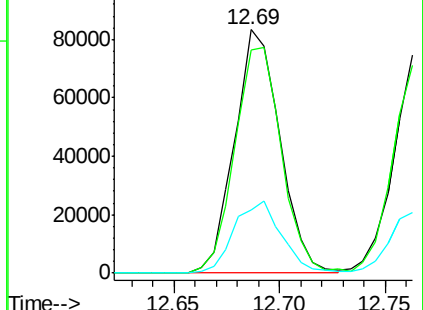
200 26.0 25.2 37.8

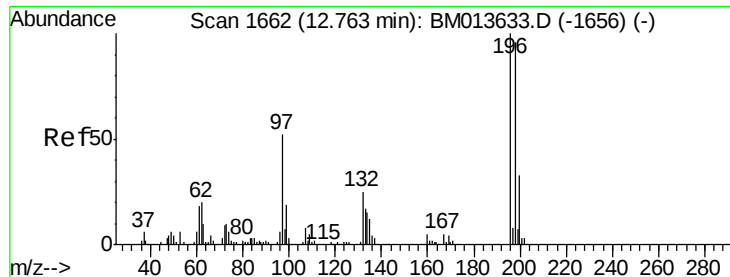


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

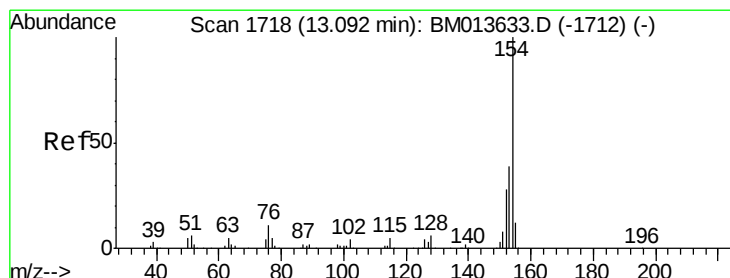
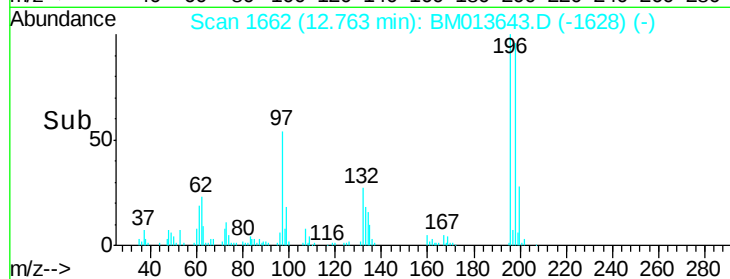
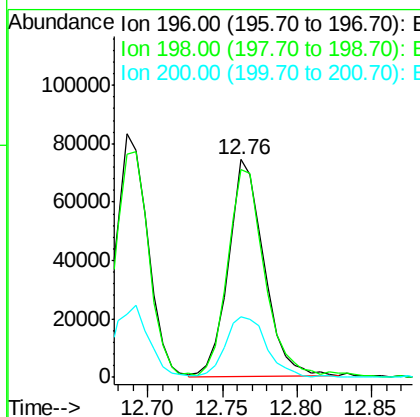
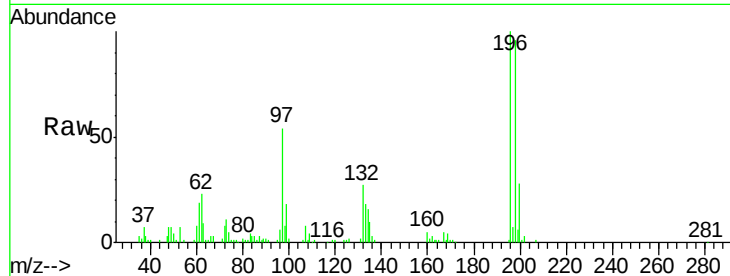




#39
 2,4,5-Trichlorophenol
 Concen: 20.182 ng/ul
 RT: 12.76 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM013643.D
 Acq: 18 Jan 2018 16:28

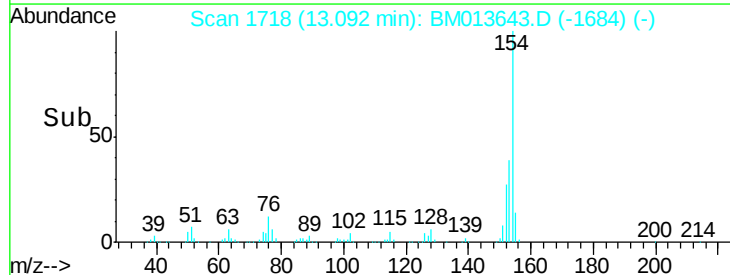
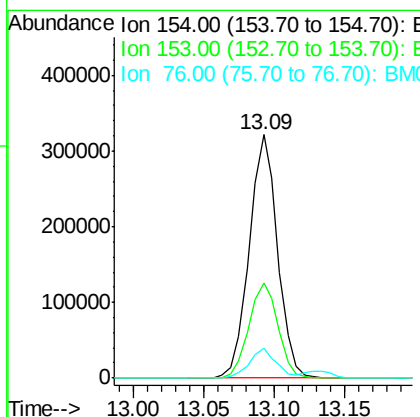
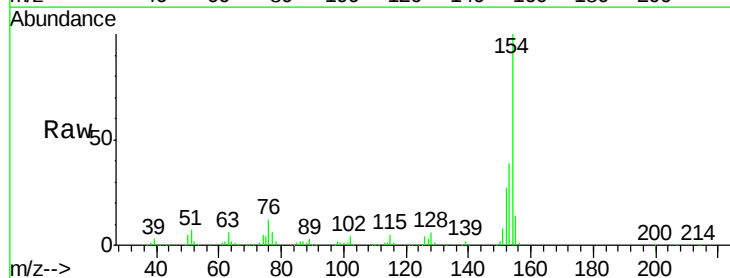
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02025

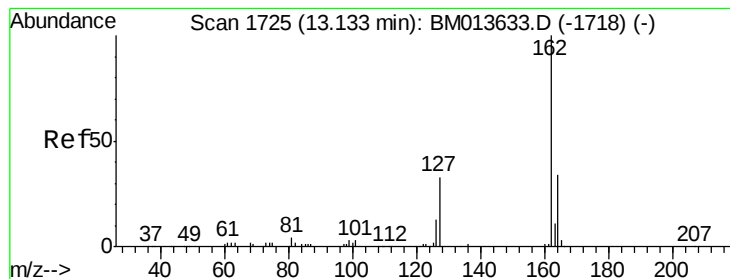
Tot Ion:196 Resp: 123686
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.6 113.4
 200 27.9 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 19.815 ng/ul
 RT: 13.09 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM013643.D
 Acq: 18 Jan 2018 16:28

Tgt Ion:154 Resp: 452935
 Ion Ratio Lower Upper
 154 100
 153 39.0 32.6 48.8
 76 12.1 8.5 12.7





#41

2-Chloronaphthalene

Concen: 20.138 ng/ul

RT: 13.13 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

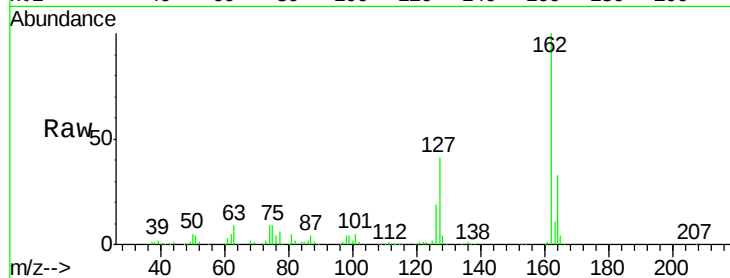
Tot Ion:162 Resp: 359821

Ion Ratio Lower Upper

162 100

164 33.5 25.9 38.9

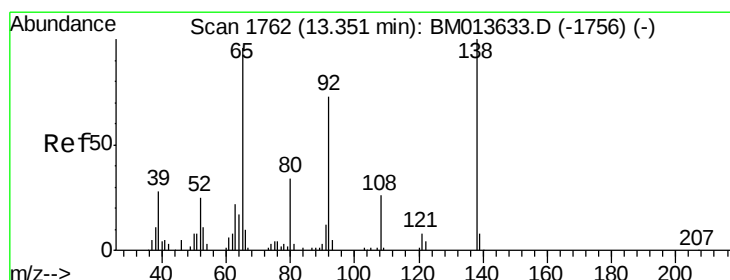
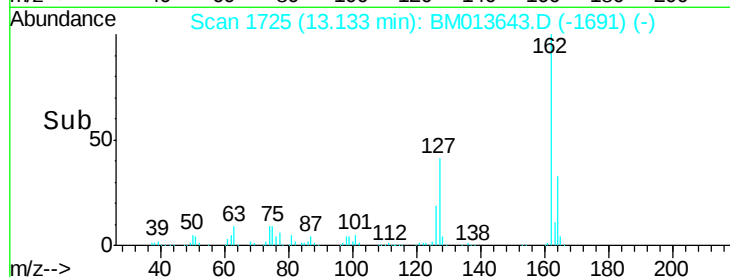
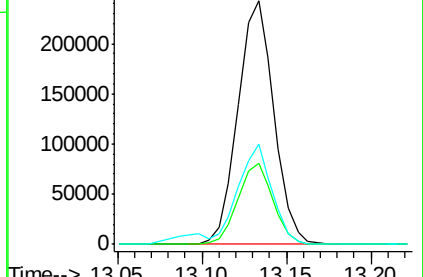
127 41.4 29.4 44.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 19.728 ng/ul

RT: 13.35 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

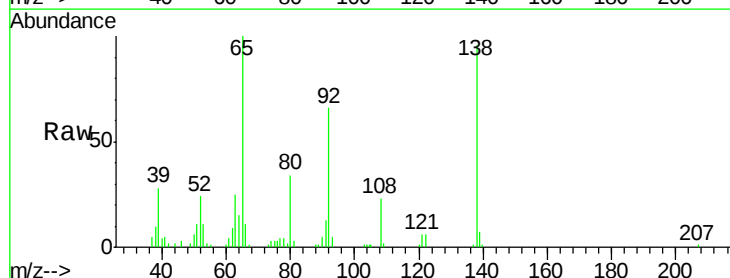
Tgt Ion: 65 Resp: 97237

Ion Ratio Lower Upper

65 100

92 65.7 51.8 77.6

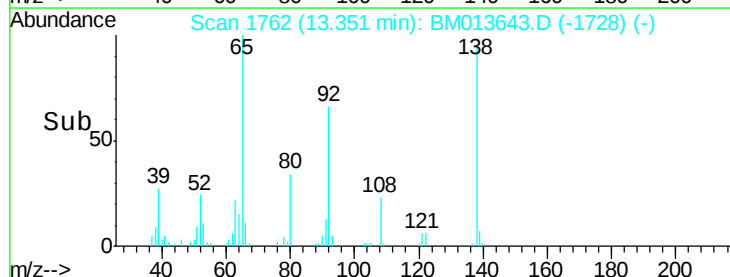
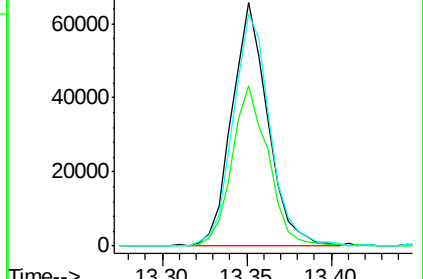
138 95.6 74.2 111.4

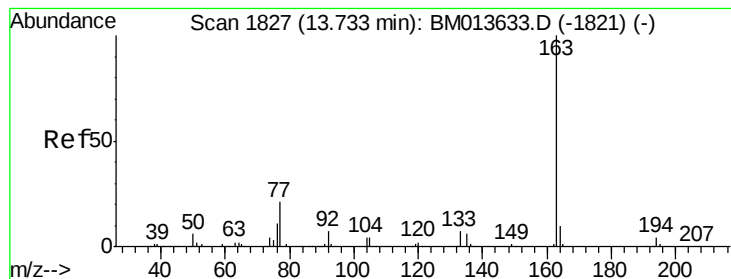


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 19.308 ng/ul

RT: 13.73 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

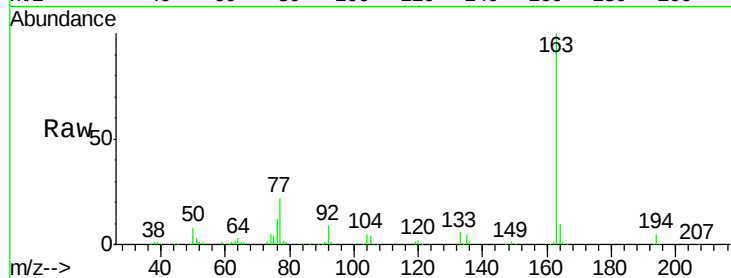
Tot Ion:163 Resp: 429646

Ion Ratio Lower Upper

163 100

194 4.8 3.5 5.3

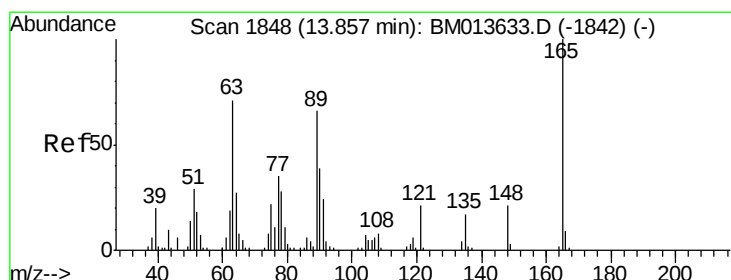
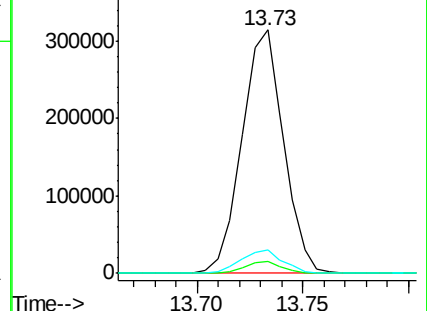
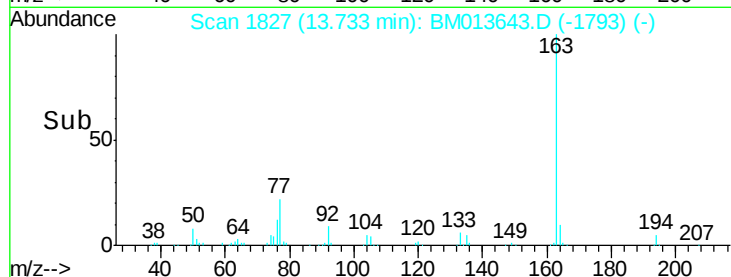
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 19.592 ng/ul

RT: 13.86 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

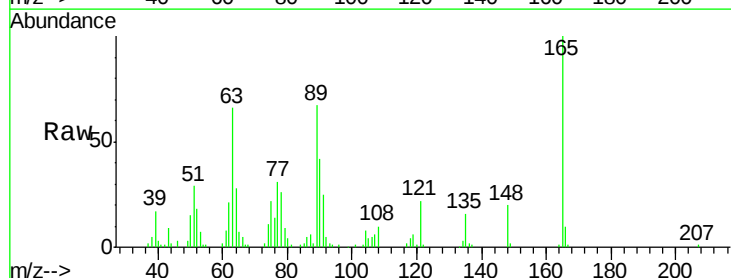
Tgt Ion:165 Resp: 84483

Ion Ratio Lower Upper

165 100

89 66.8 52.6 79.0

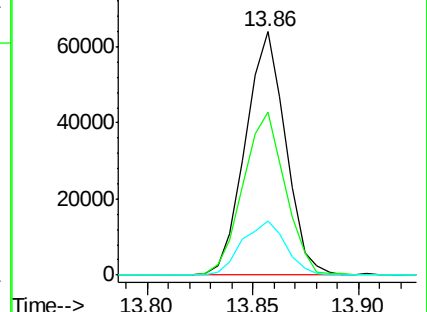
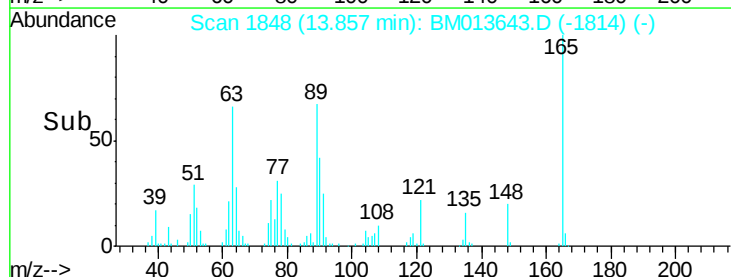
121 22.1 14.6 22.0#

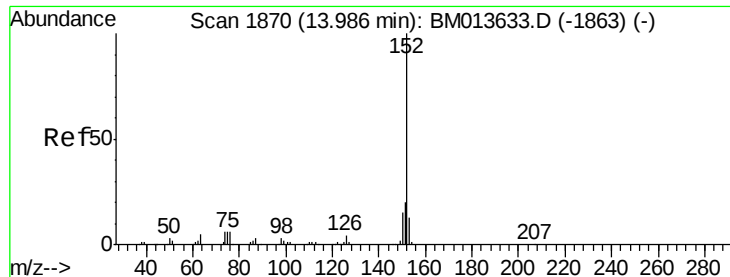


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.930 ng/ul

RT: 13.99 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

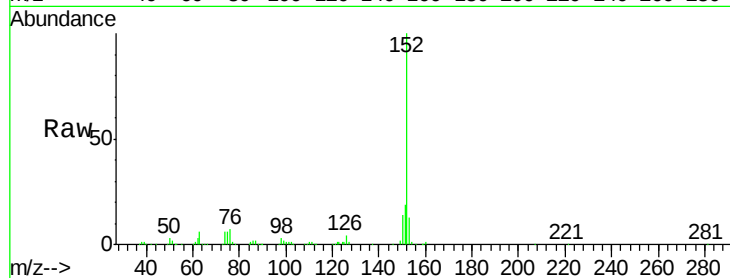
Tot Ion:152 Resp: 526284

Ion Ratio Lower Upper

152 100

151 19.0 16.3 24.5

153 12.8 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

500000

400000

300000

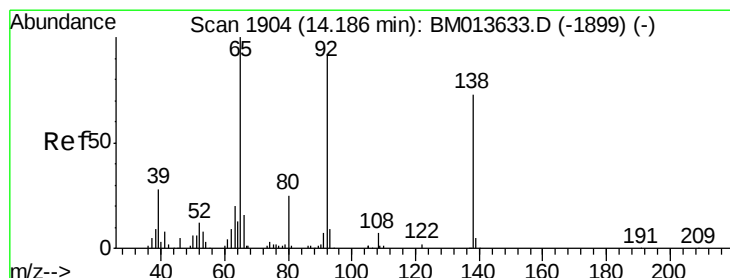
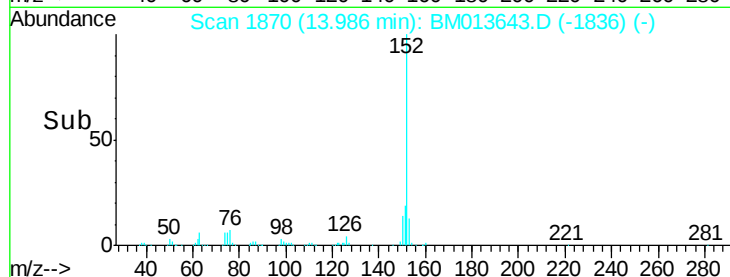
200000

100000

0

13.95 14.00 14.05

Time-->



#48

3-Nitroaniline

Concen: 21.943 ng/ul

RT: 14.19 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

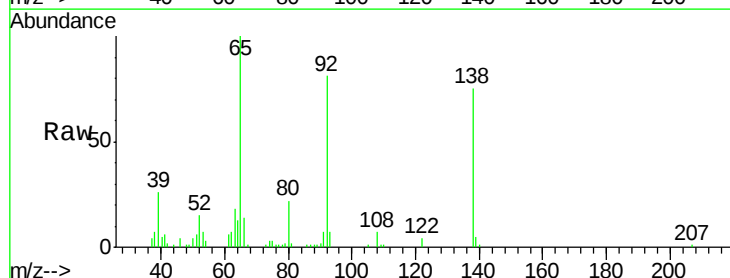
Tgt Ion:138 Resp: 74417

Ion Ratio Lower Upper

138 100

108 9.1 9.9 14.9#

92 109.2 105.0 157.4



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

60000

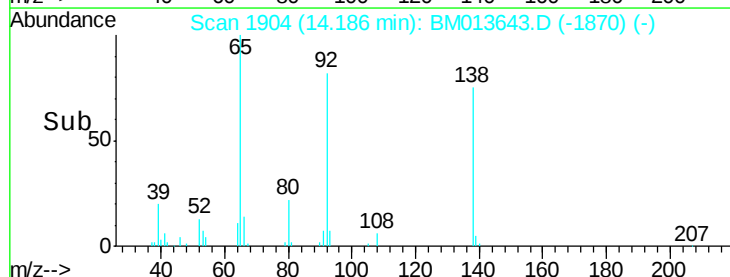
40000

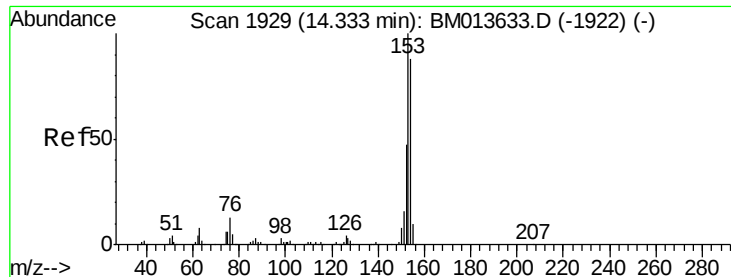
20000

0

14.15 14.20 14.25

Time-->





#49

Acenaphthene

Concen: 19.897 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

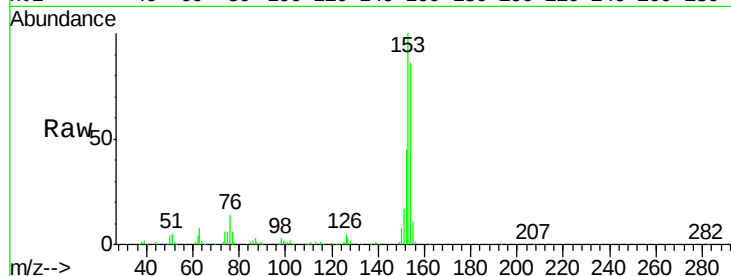
Tot Ion:153 Resp: 363889

Ion Ratio Lower Upper

153 100

152 44.6 37.6 56.4

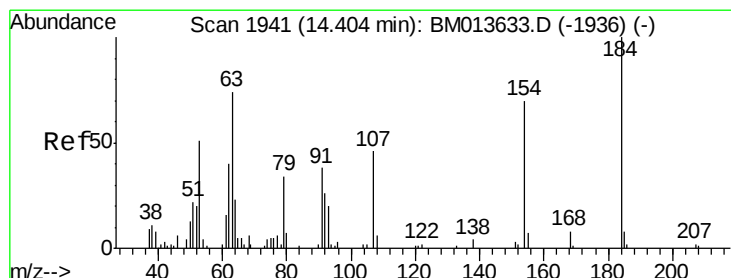
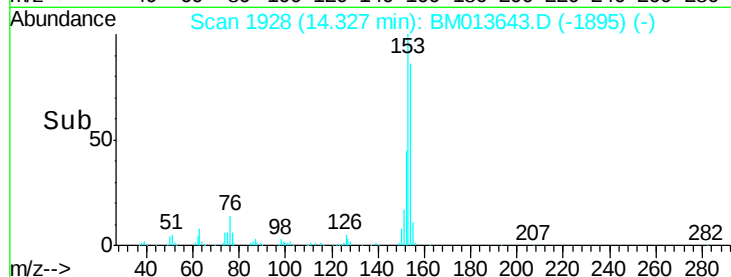
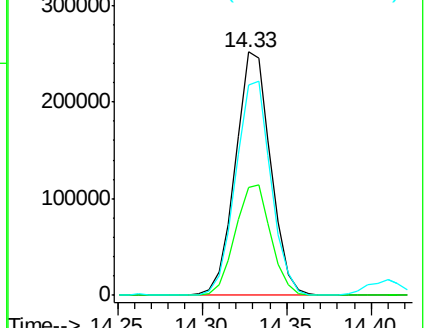
154 86.4 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 15.587 ng/ul

RT: 14.41 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

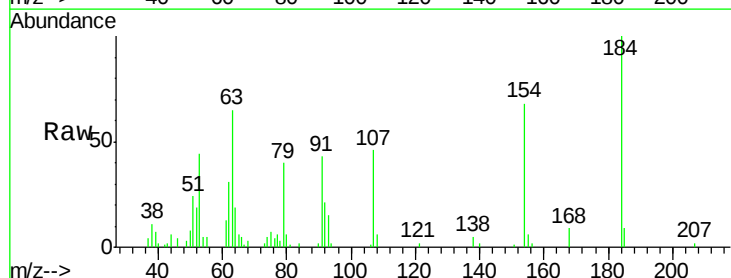
Tgt Ion:184 Resp: 38529

Ion Ratio Lower Upper

184 100

63 64.6 50.1 75.1

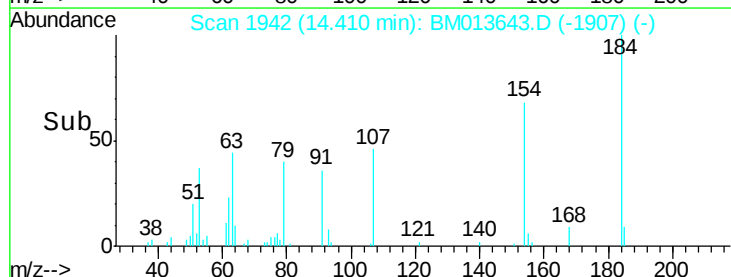
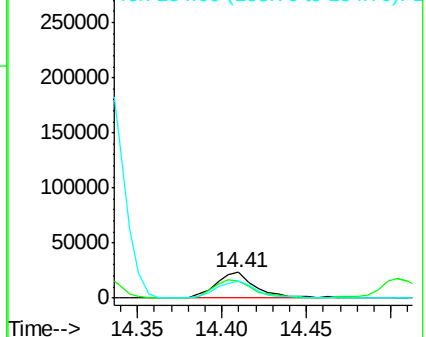
154 68.3 54.5 81.7

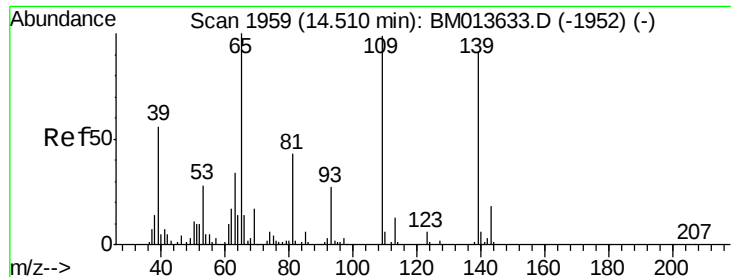


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.736 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

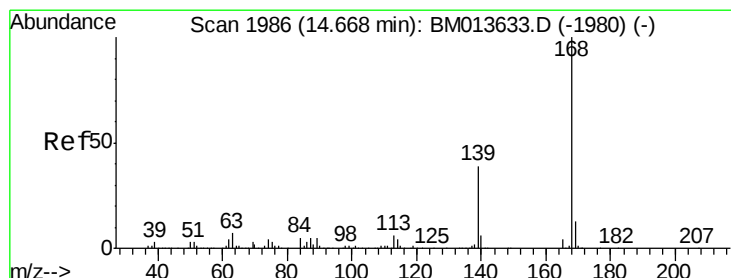
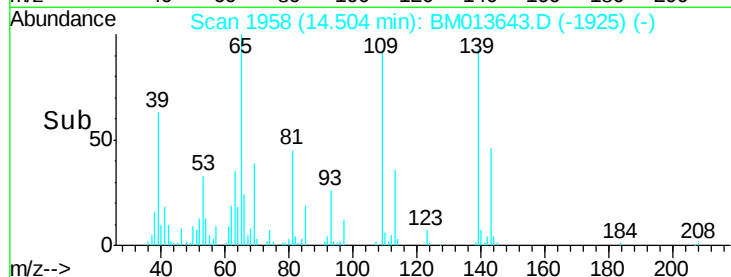
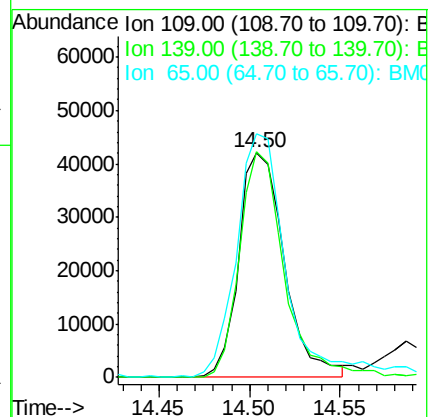
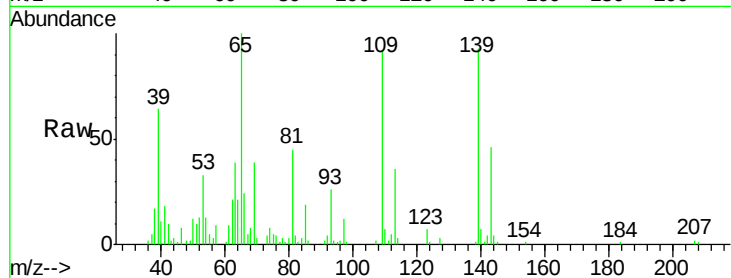
Tot Ion:109 Resp: 73741

Ion Ratio Lower Upper

109 100

139 100.1 80.0 120.0

65 108.2 120.0 180.0#



#53

Dibenzofuran

Concen: 19.487 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BM013643.D

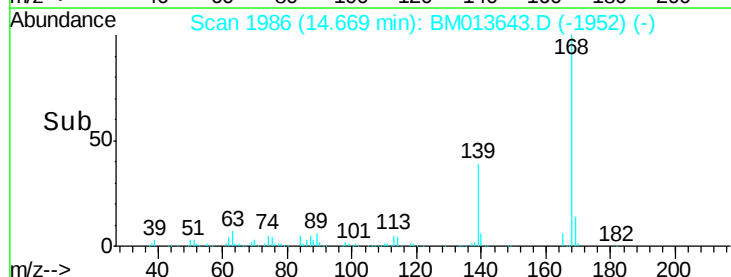
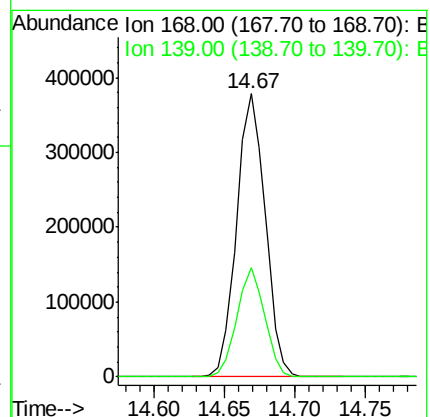
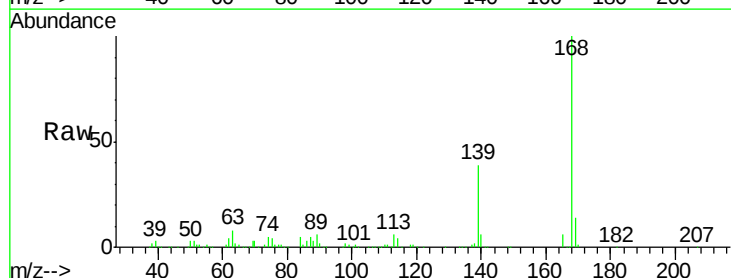
Acq: 18 Jan 2018 16:28

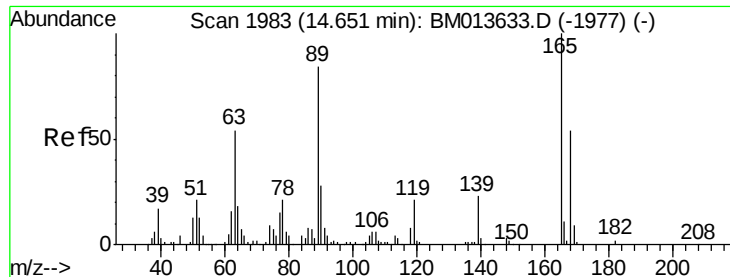
Tgt Ion:168 Resp: 536128

Ion Ratio Lower Upper

168 100

139 38.7 30.8 46.2

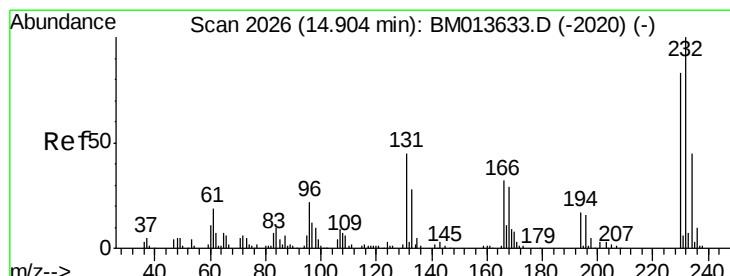
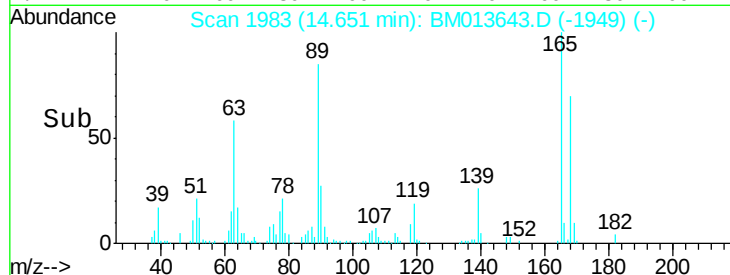
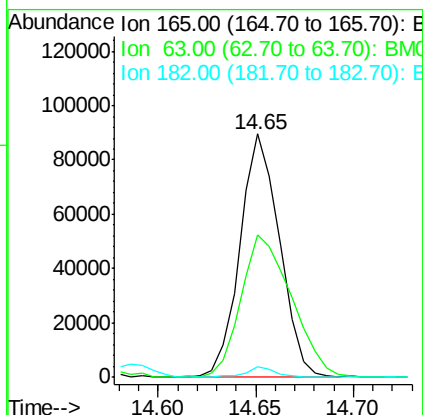
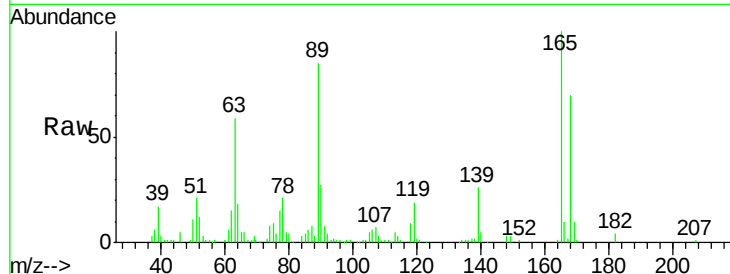




#54
 2,4-Dinitrotoluene
 Concen: 20.009 ng/ul
 RT: 14.65 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BM013643.D
 Acq: 18 Jan 2018 16:28

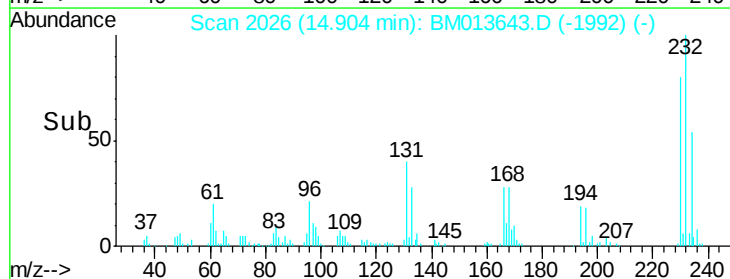
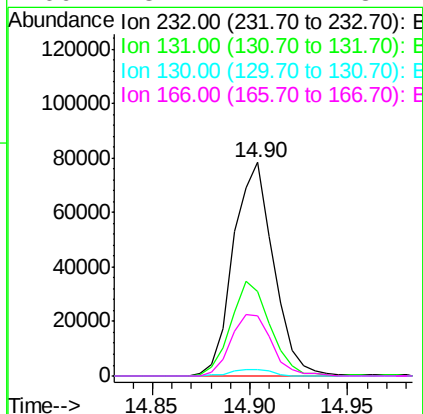
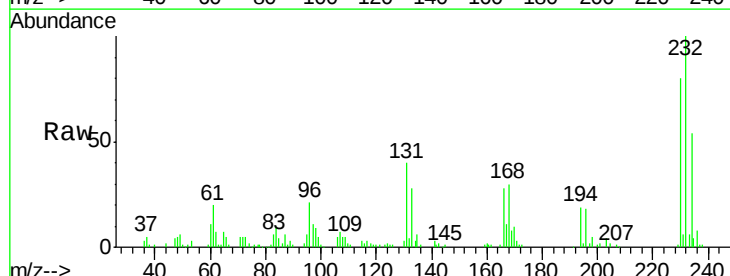
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02025

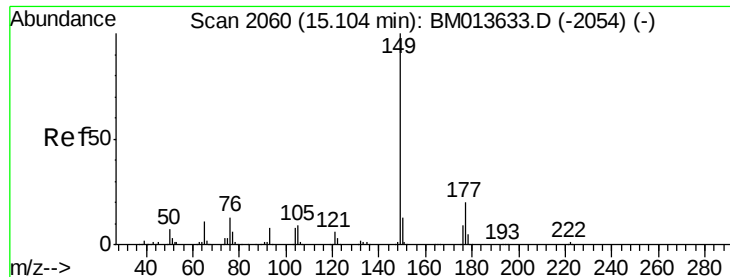
Tot Ion:165 Resp: 125777
 Ion Ratio Lower Upper
 165 100
 63 58.6 45.8 68.8
 182 4.2 2.6 4.0#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.381 ng/ul
 RT: 14.90 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BM013643.D
 Acq: 18 Jan 2018 16:28

Tgt Ion:232 Resp: 111723
 Ion Ratio Lower Upper
 232 100
 131 39.6 29.0 43.4
 130 2.8 2.0 3.0
 166 28.1 21.4 32.2

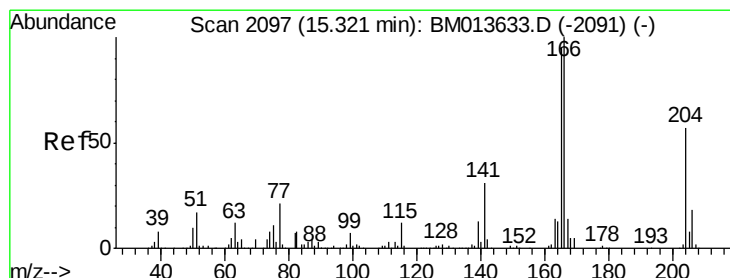
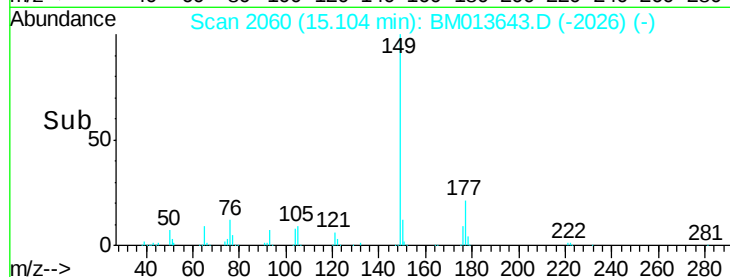
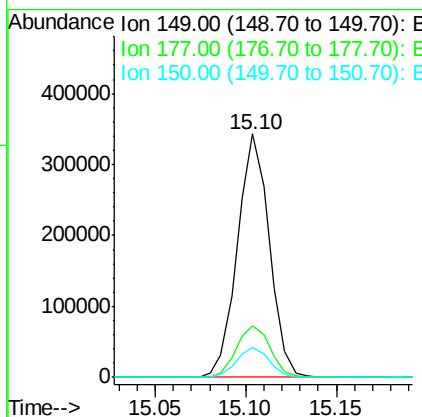
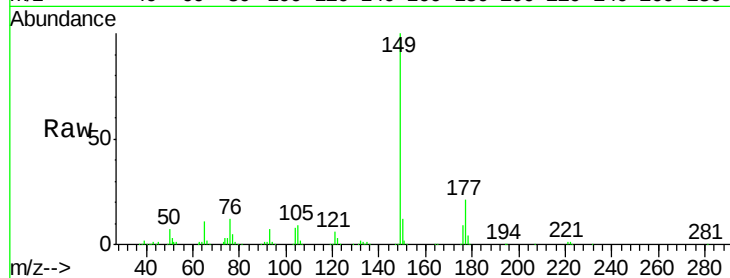




#56
Diethylphthalate
Concen: 18.752 ng/ul
RT: 15.10 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

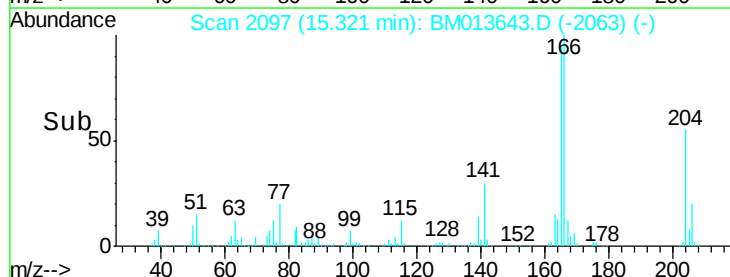
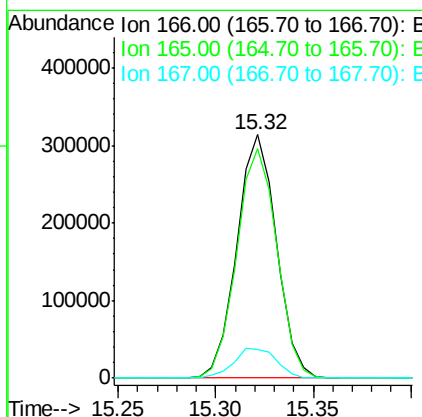
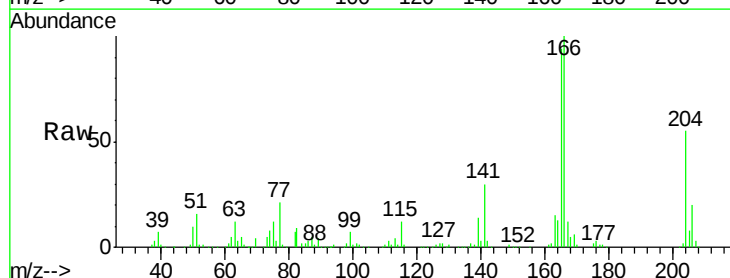
Instrument :
BNA_M
ClientSampleId :
SSTD02025

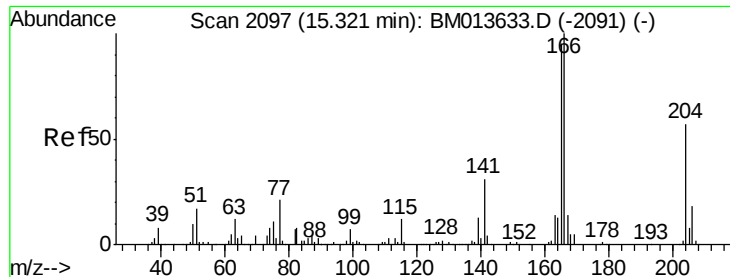
Tot Ion:149 Resp: 419937
Ion Ratio Lower Upper
149 100
177 21.3 20.5 30.7
150 12.5 10.6 15.8



#58
Fluorene
Concen: 19.469 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

Tgt Ion:166 Resp: 438765
Ion Ratio Lower Upper
166 100
165 94.3 77.9 116.9
167 11.9 10.6 16.0

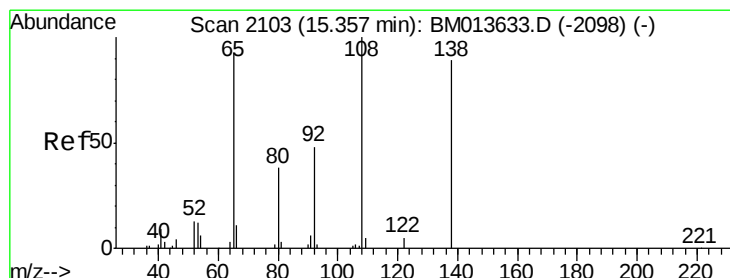
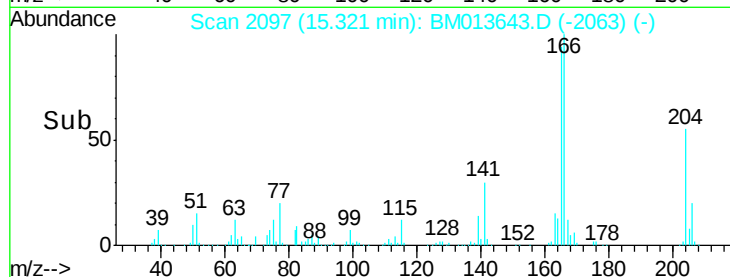
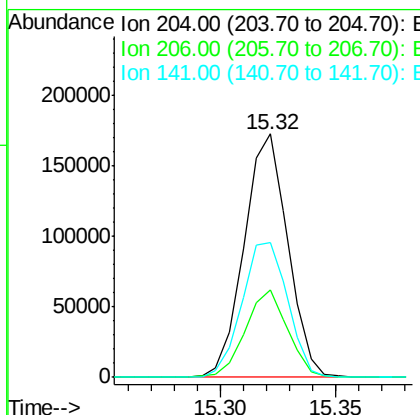
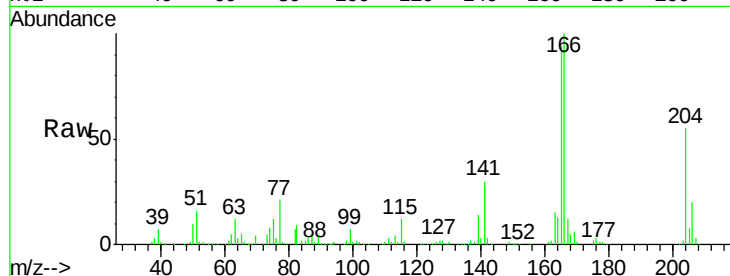




#59
4-Chlorophenyl-phenylether
Concen: 18.653 ng/ul
RT: 15.32 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

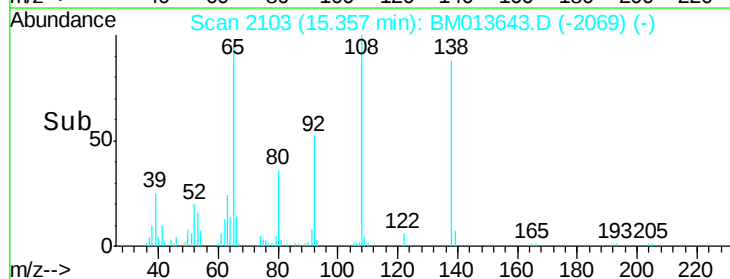
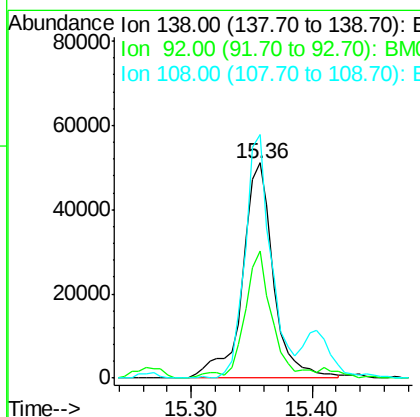
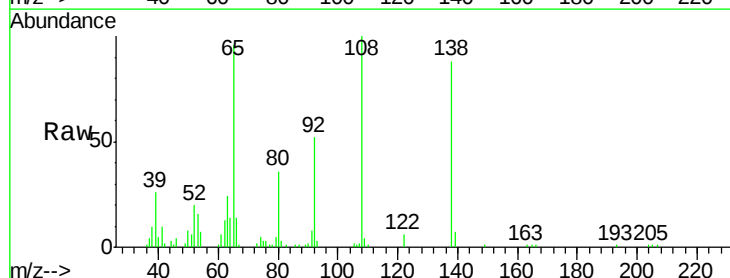
Instrument :
BNA_M
ClientSampleId :
SSTD02025

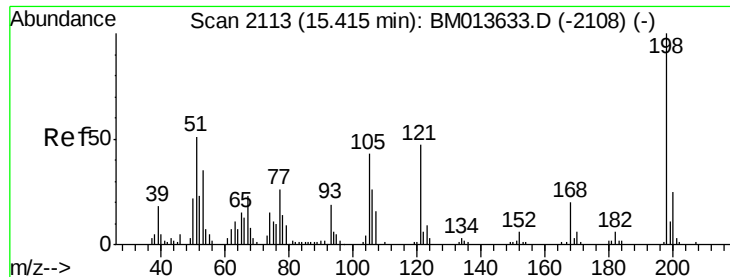
Tot Ion:204 Resp: 227150
Ion Ratio Lower Upper
204 100
206 35.8 24.8 37.2
141 55.4 44.3 66.5



#60
4-Nitroaniline
Concen: 23.049 ng/ul
RT: 15.36 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

Tgt Ion:138 Resp: 91458
Ion Ratio Lower Upper
138 100
92 59.4 40.0 60.0
108 113.2 80.0 120.0

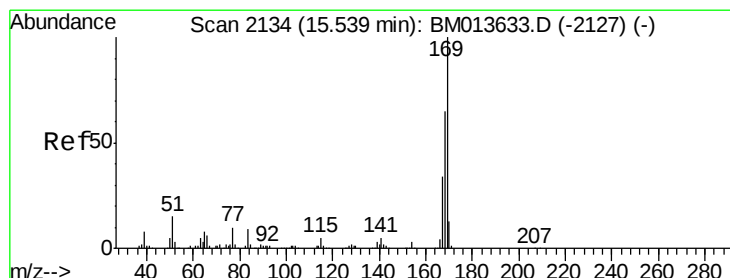
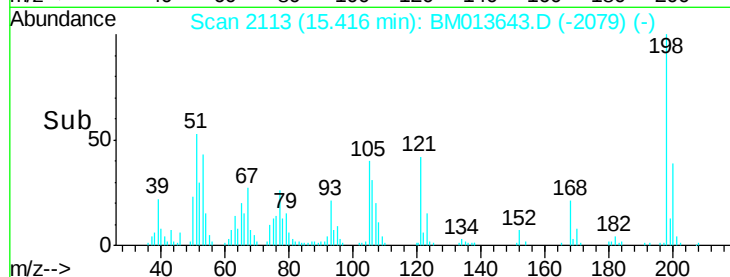
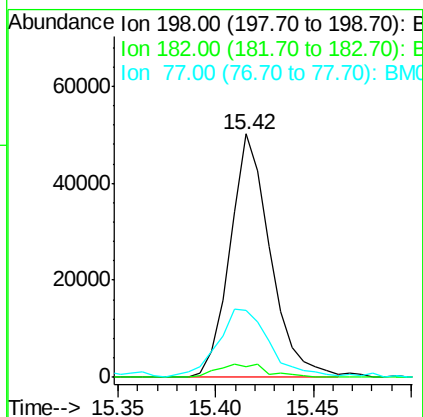
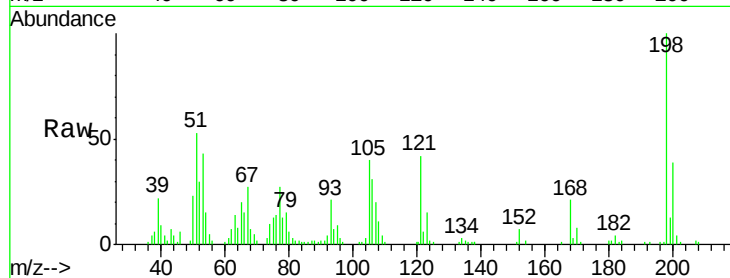




#63
 4,6-Dinitro-2-methylphenol
 Concen: 17.576 ng/ul
 RT: 15.42 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: BM013643.D
 Acq: 18 Jan 2018 16:28

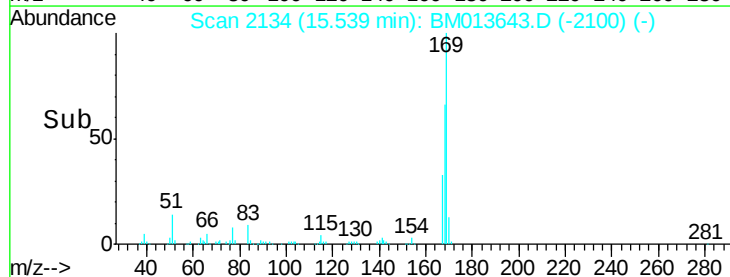
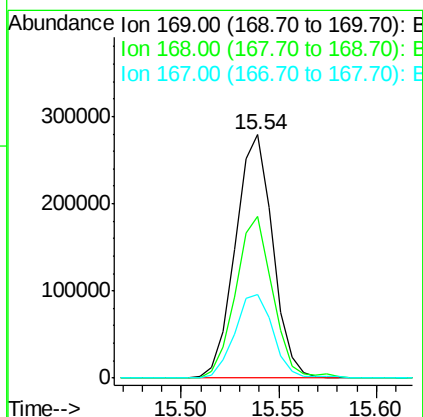
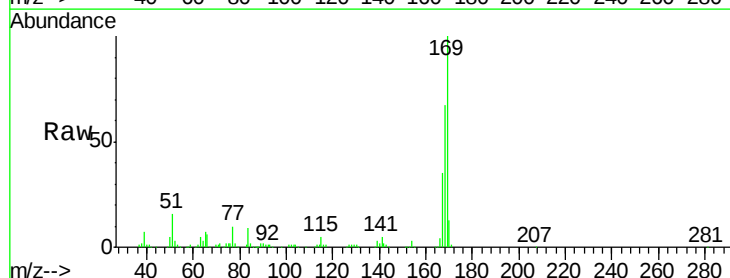
Instrument :
 BNA_M
 ClientSampleId :
 SST02025

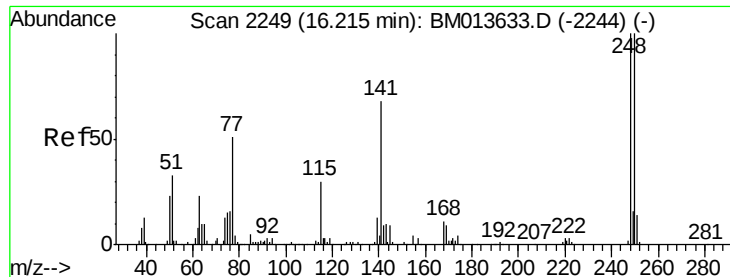
Tot Ion:198 Resp: 71919
 Ion Ratio Lower Upper
 198 100
 182 4.1 3.8 5.6
 77 27.4 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 19.625 ng/ul
 RT: 15.54 min Scan# 2134
 Delta R.T. 0.00 min
 Lab File: BM013643.D
 Acq: 18 Jan 2018 16:28

Tgt Ion:169 Resp: 371730
 Ion Ratio Lower Upper
 169 100
 168 66.6 54.0 81.0
 167 34.6 29.1 43.7

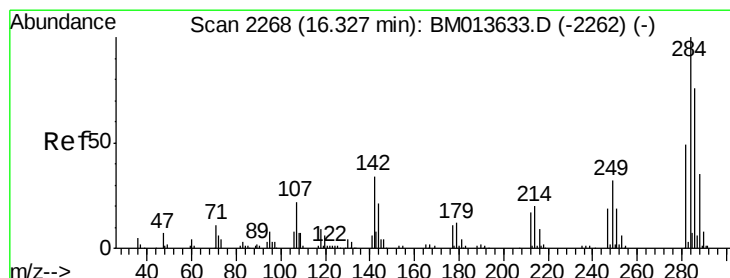
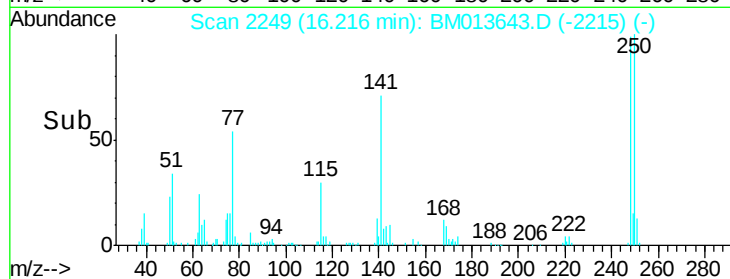
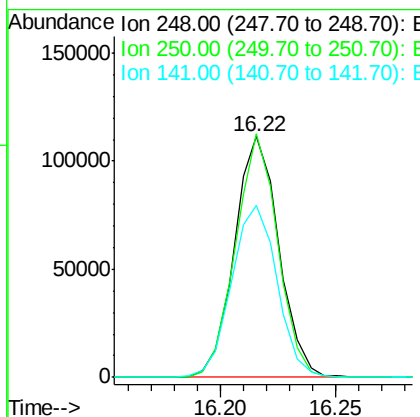
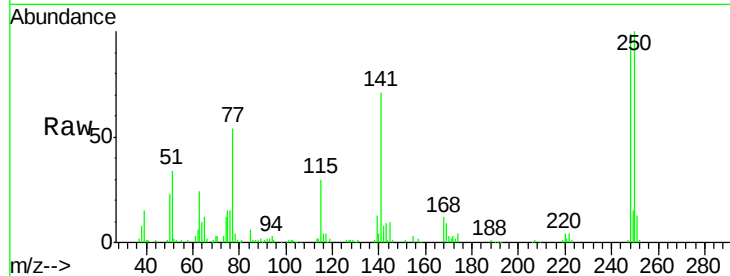




#65
4-Bromophenyl-phenylether
Concen: 19.560 ng/ul
RT: 16.22 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

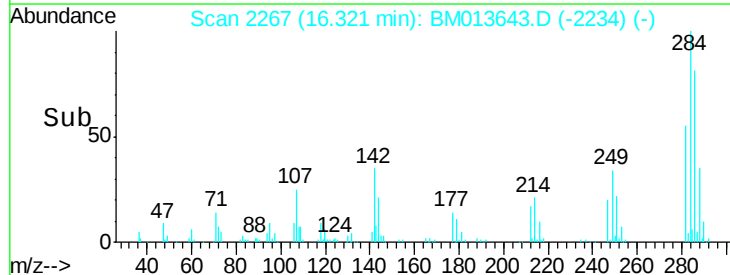
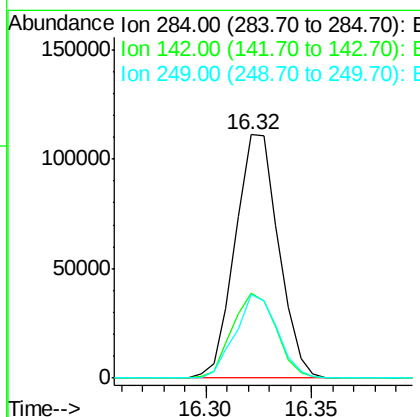
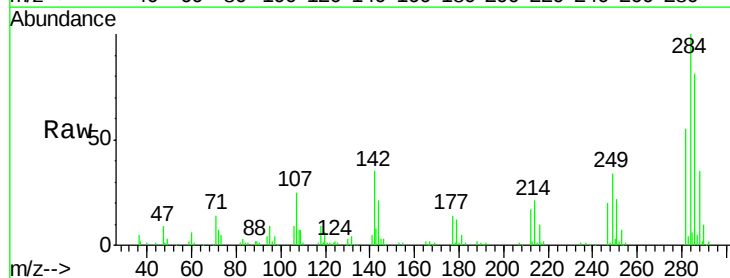
Instrument :
BNA_M
ClientSampled :
SSTD02025

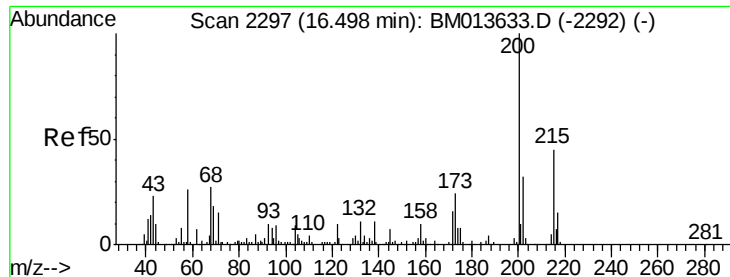
Tot Ion:248 Resp: 148787
Ion Ratio Lower Upper
248 100
250 101.1 80.5 120.7
141 71.3 53.6 80.4



#66
Hexachlorobenzene
Concen: 19.337 ng/ul
RT: 16.32 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

Tgt Ion:284 Resp: 158331
Ion Ratio Lower Upper
284 100
142 34.6 21.2 31.8#
249 34.5 24.5 36.7

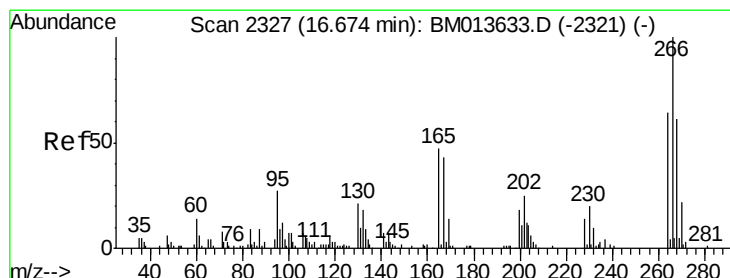
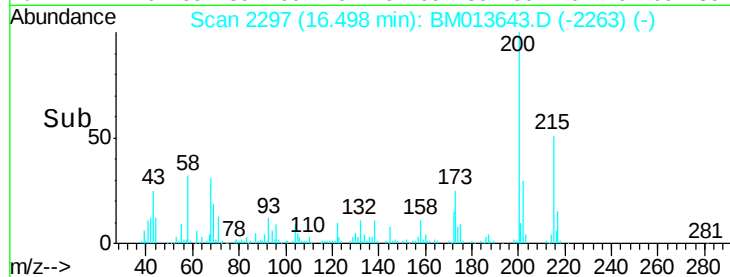
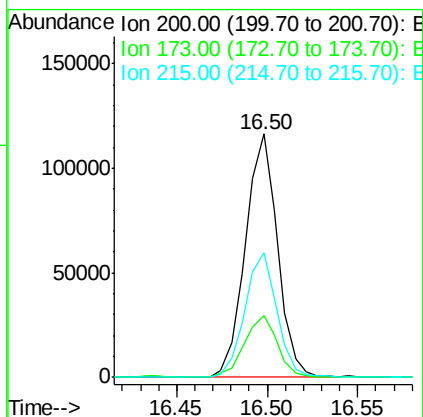
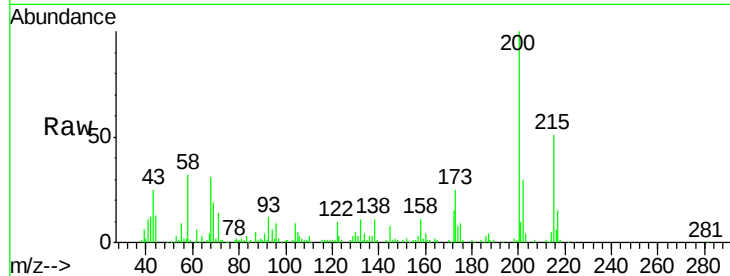




#67
Atrazine
Concen: 18.961 ng/ul
RT: 16.50 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

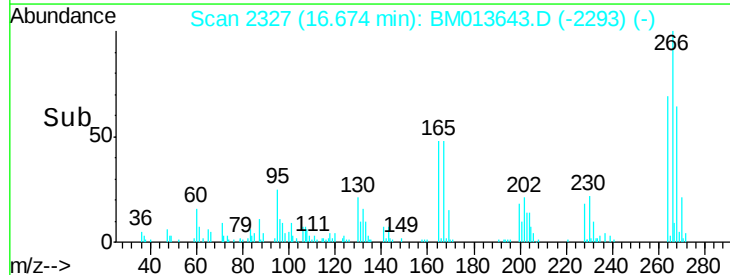
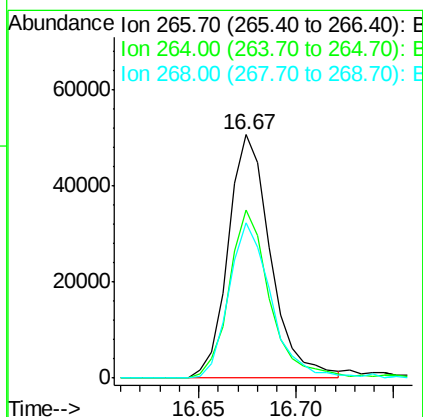
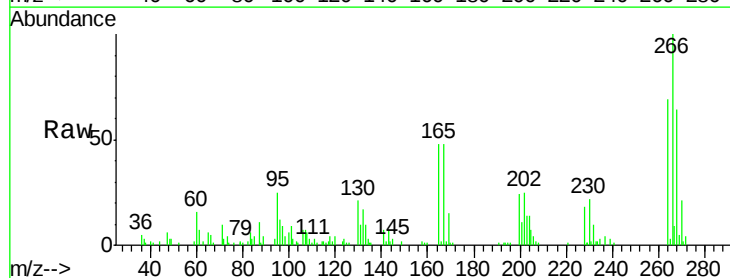
Instrument :
BNA_M
ClientSampleId :
SSTD02025

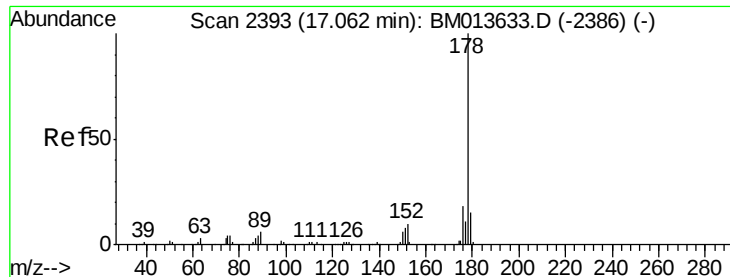
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	18.2	27.2
215	51.3	35.0	52.4



#68
Pentachlorophenol
Concen: 17.604 ng/ul
RT: 16.67 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BM013643.D
Acq: 18 Jan 2018 16:28

Tgt Ion	Ratio	Lower	Upper
266	100		
264	69.1	49.3	73.9
268	63.8	52.6	78.8





#69

Phenanthrene

Concen: 19.831 ng/ul

RT: 17.06 min Scan# 2393

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

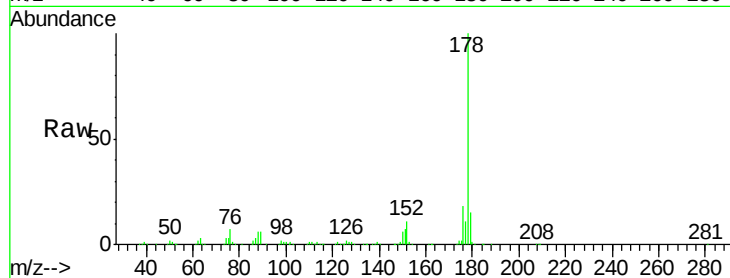
Tot Ion:178 Resp: 709943

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

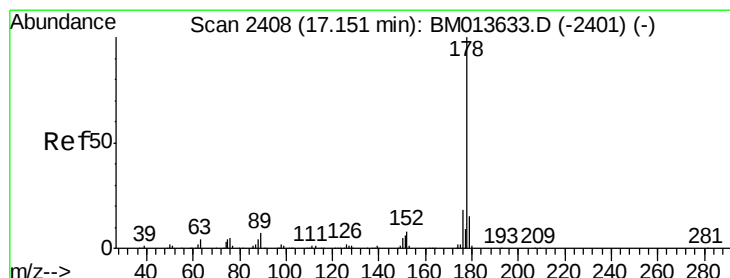
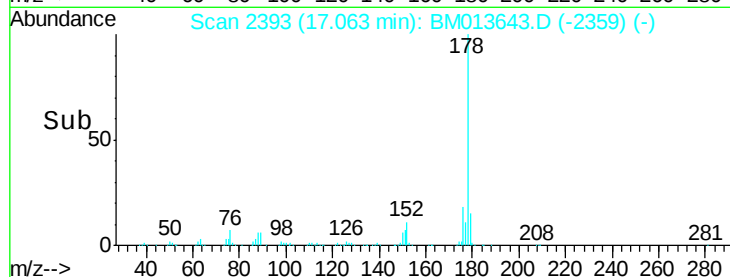
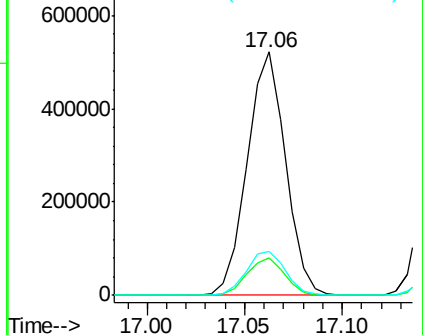
176 17.9 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.939 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

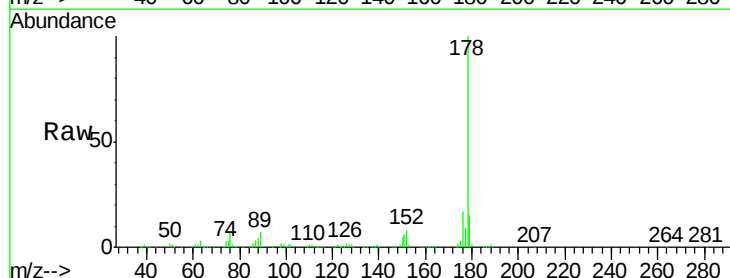
Tgt Ion:178 Resp: 736271

Ion Ratio Lower Upper

178 100

179 15.3 11.7 17.5

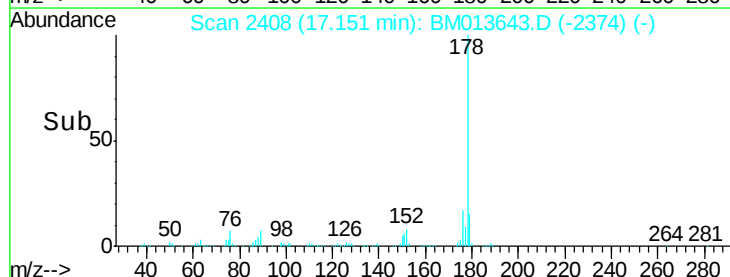
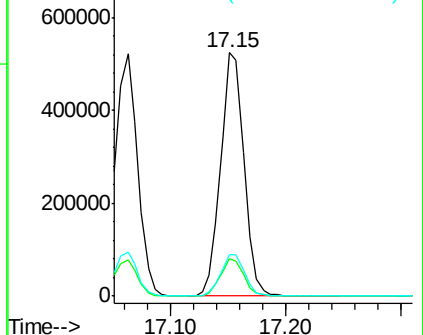
176 17.0 14.6 21.8

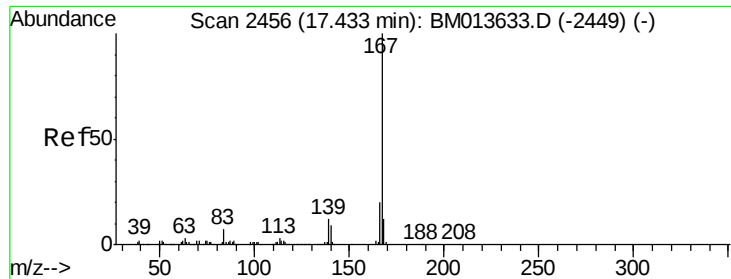


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.071 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

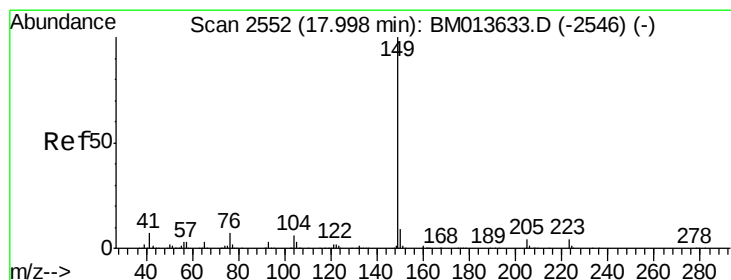
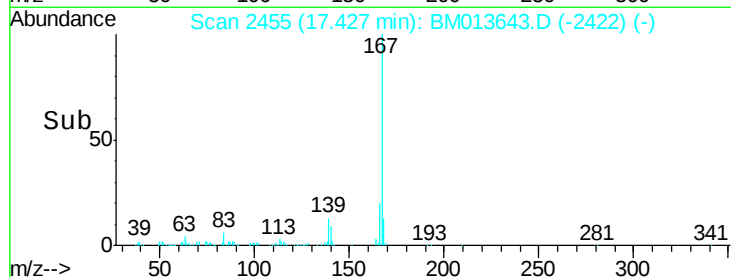
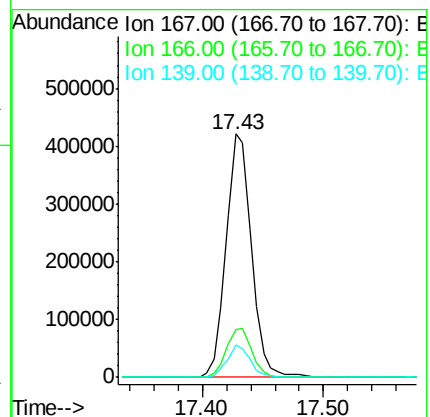
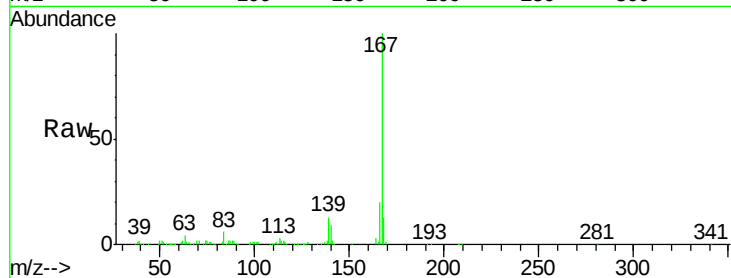
Tot Ion:167 Resp: 611771

Ion Ratio Lower Upper

167 100

166 19.7 17.1 25.7

139 13.2 10.0 15.0



#73

Di-n-butylphthalate

Concen: 19.009 ng/ul

RT: 18.00 min Scan# 2552

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

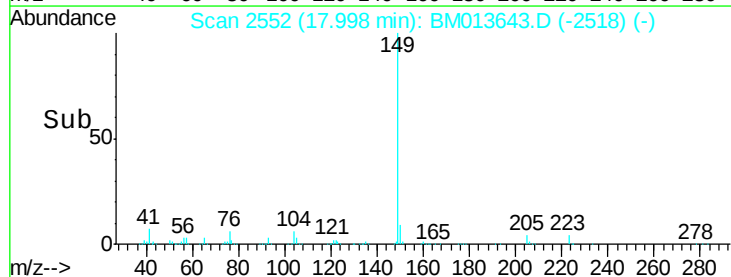
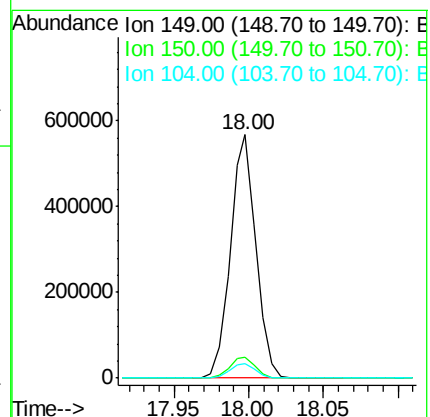
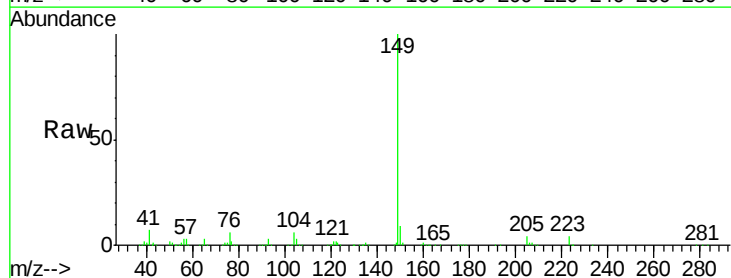
Tgt Ion:149 Resp: 681426

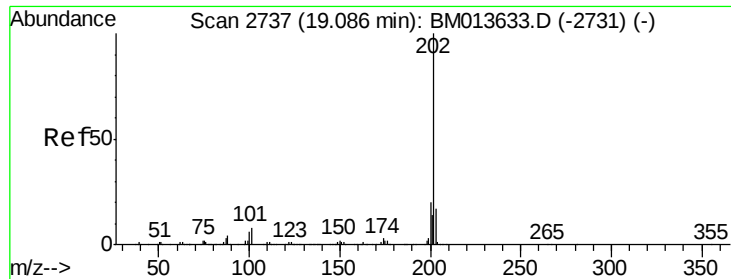
Ion Ratio Lower Upper

149 100

150 8.8 7.1 10.7

104 6.1 5.6 8.4

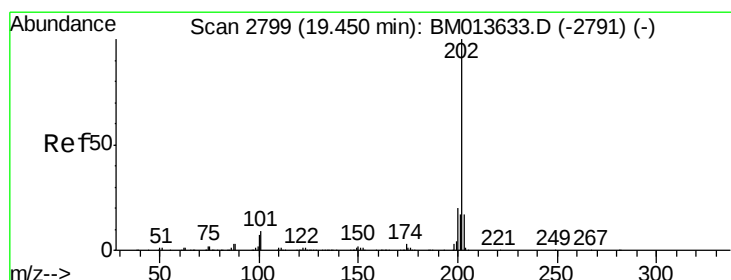
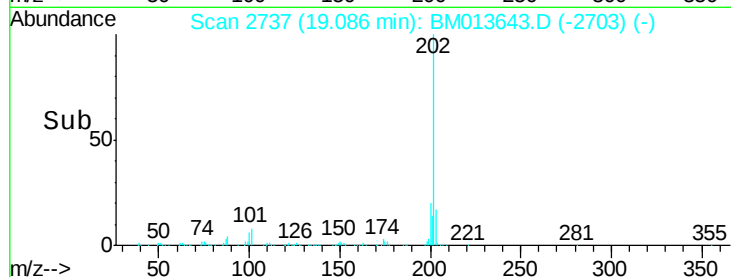
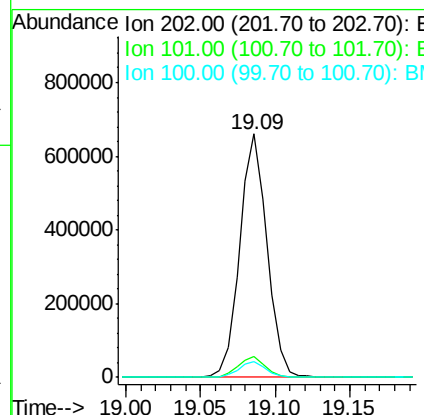
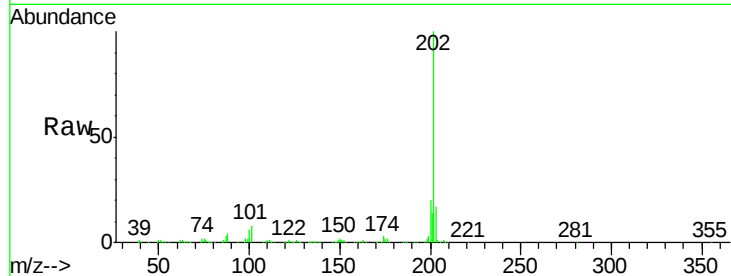




#74
 Fluoranthene
 Concen: 19.659 ng/ul
 RT: 19.09 min Scan# 2737
 Delta R.T. 0.00 min
 Lab File: BM013643.D
 Acq: 18 Jan 2018 16:28

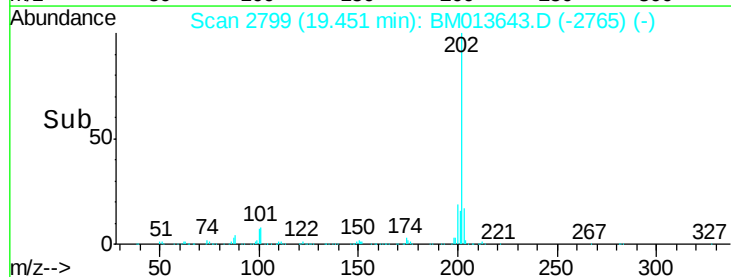
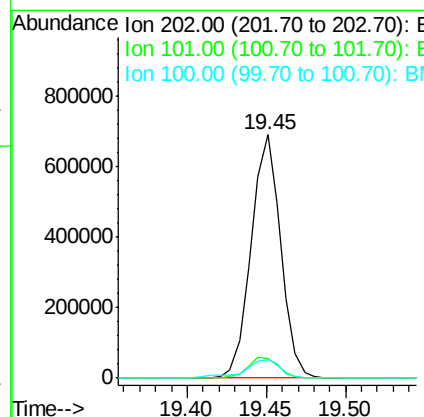
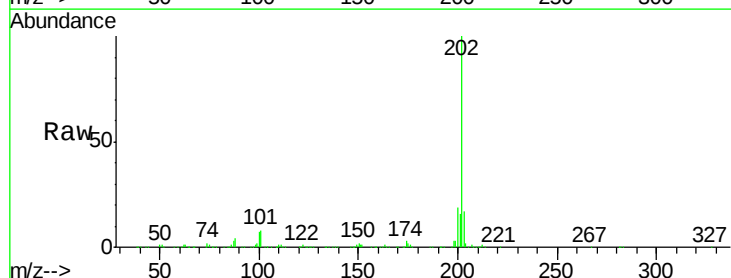
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02025

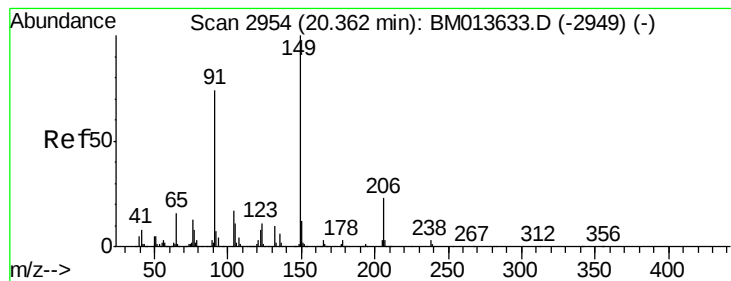
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	4.6	7.0#
100	6.4	3.4	5.2#



#77
 Pyrene
 Concen: 20.143 ng/ul
 RT: 19.45 min Scan# 2799
 Delta R.T. 0.00 min
 Lab File: BM013643.D
 Acq: 18 Jan 2018 16:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.1	7.7#
100	7.4	4.9	7.3#





#78

Butylbenzylphthalate

Concen: 20.256 ng/ul

RT: 20.36 min Scan# 2954

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

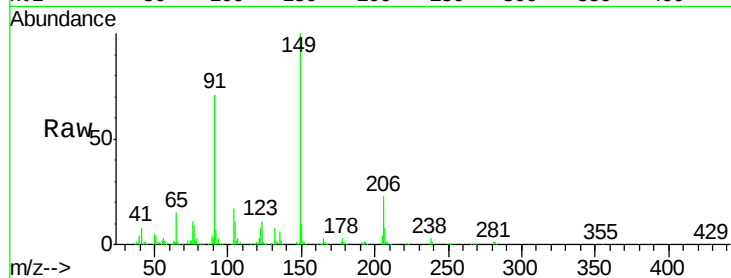
Tot Ion:149 Resp: 316361

Ion Ratio Lower Upper

149 100

91 70.7 62.7 94.1

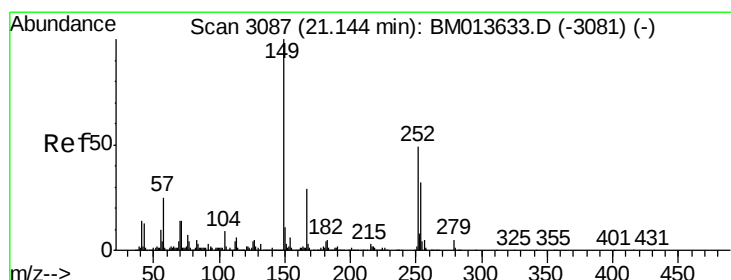
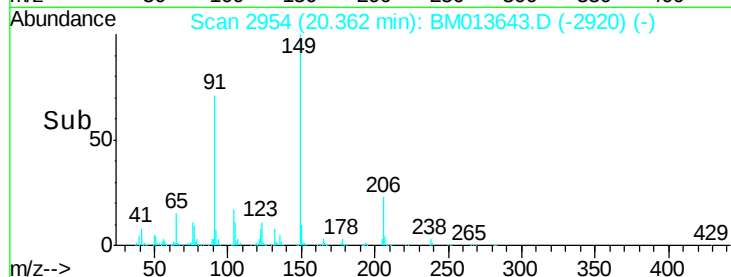
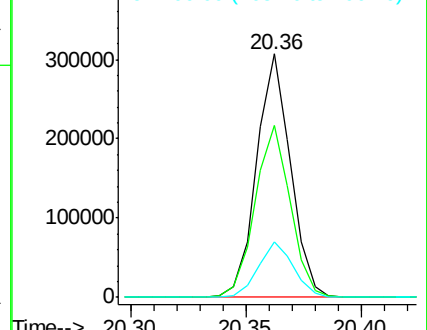
206 22.5 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 22.030 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

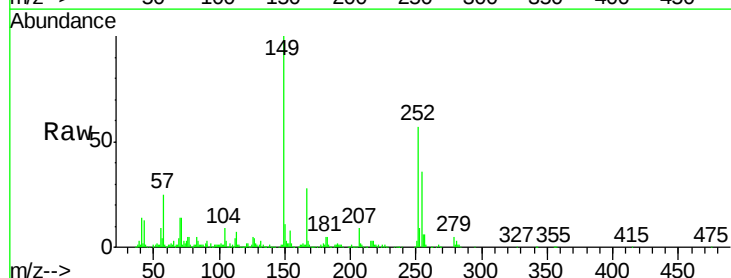
Tgt Ion:252 Resp: 265799

Ion Ratio Lower Upper

252 100

254 63.7 54.5 81.7

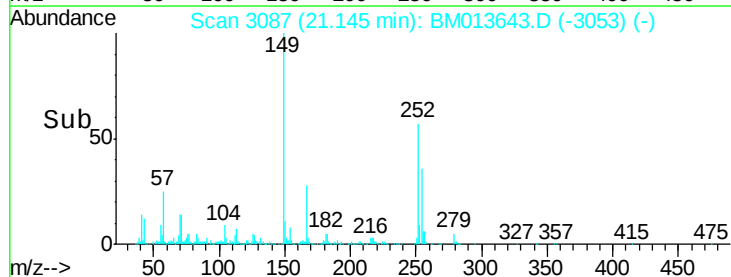
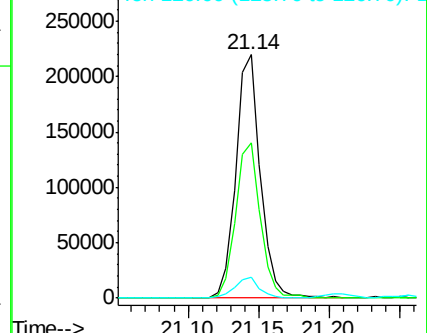
126 8.4 5.8 8.8

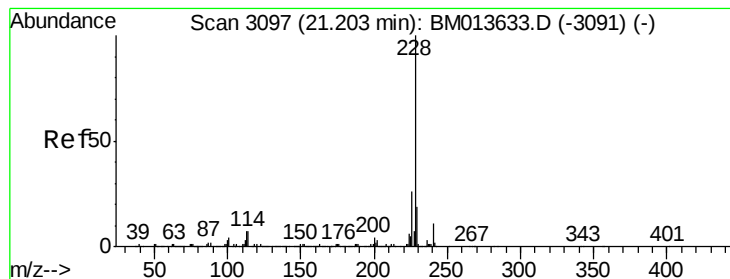


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 20.345 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

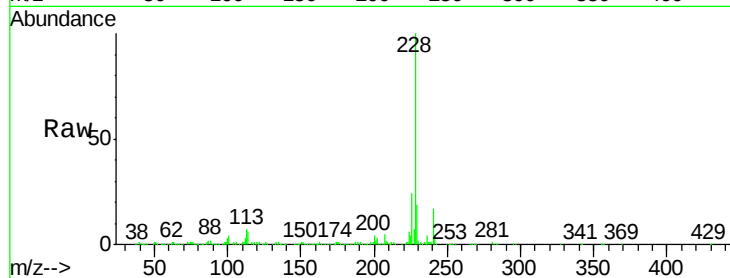
Tot Ion:228 Resp: 896626

Ion Ratio Lower Upper

228 100

229 19.2 15.4 23.0

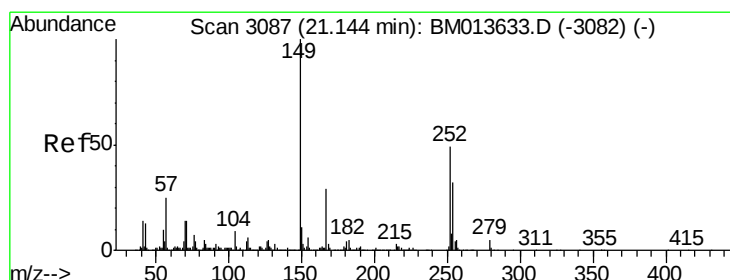
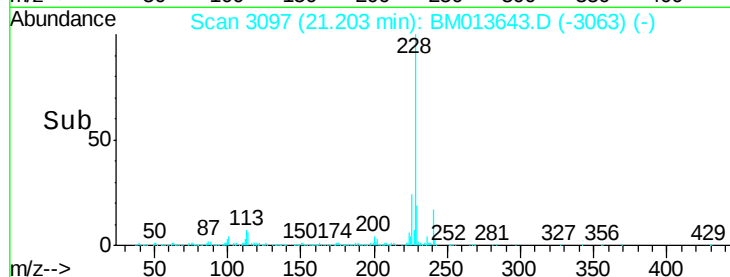
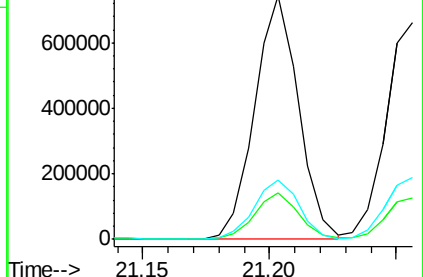
226 24.2 21.4 32.0



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: 18.970 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

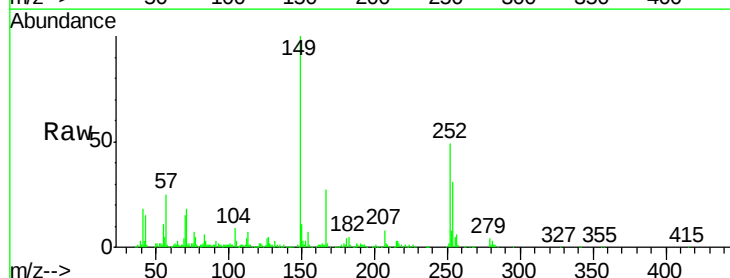
Tgt Ion:149 Resp: 444521

Ion Ratio Lower Upper

149 100

167 27.3 22.8 34.2

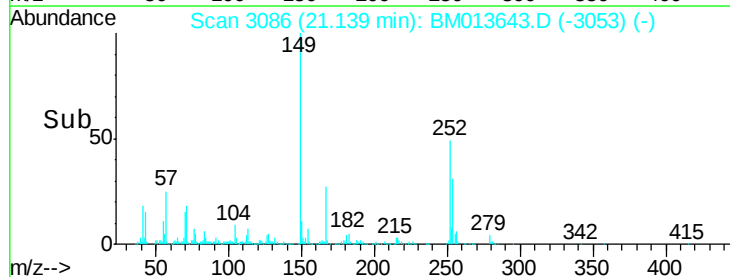
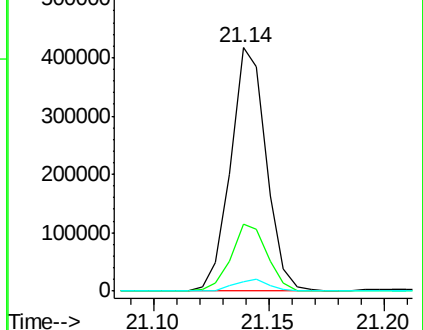
279 4.0 4.9 7.3#

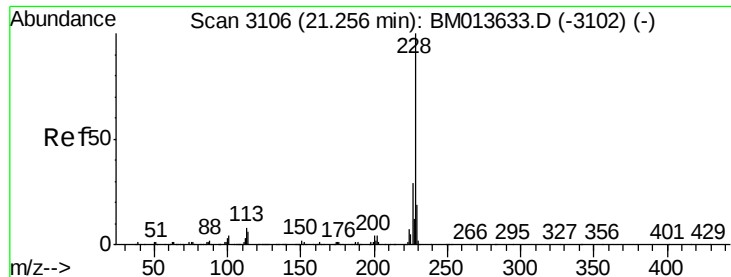


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.171 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

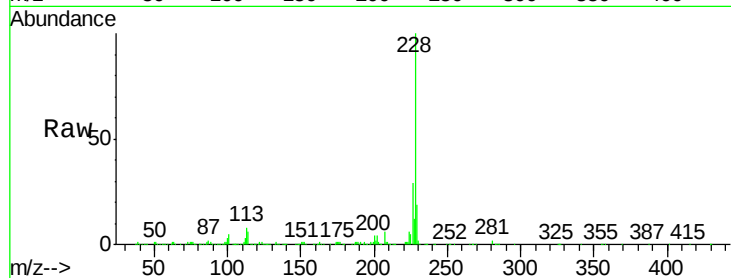
BNA_M

ClientSampleId :

SSTD02025

Tot Ion:228 Resp: 815476

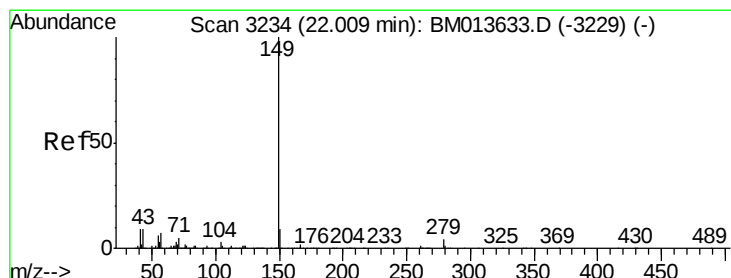
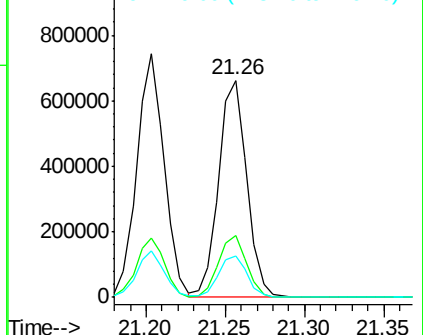
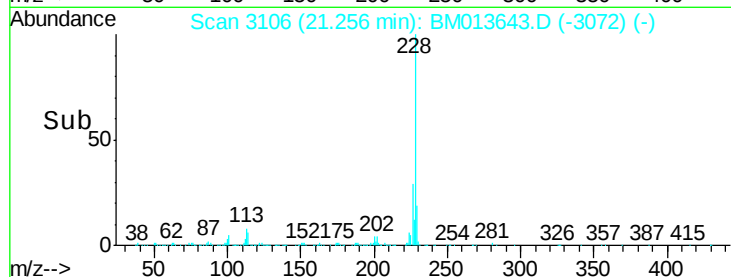
Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.2
229	19.2	15.5	23.3



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: 17.529 ng/ul

RT: 22.01 min Scan# 3234

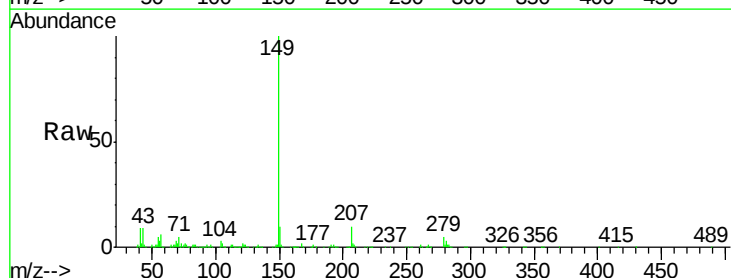
Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Tgt Ion:149 Resp: 753806

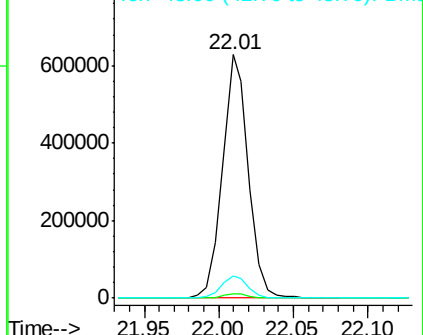
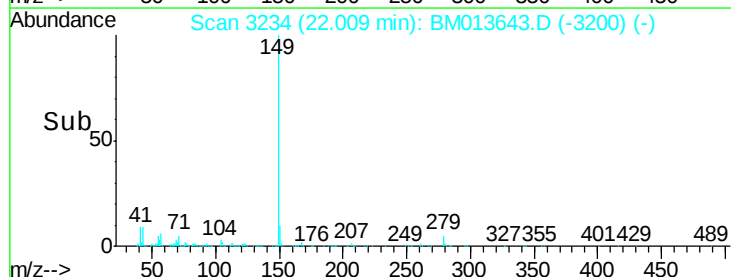
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.9	7.3	10.9

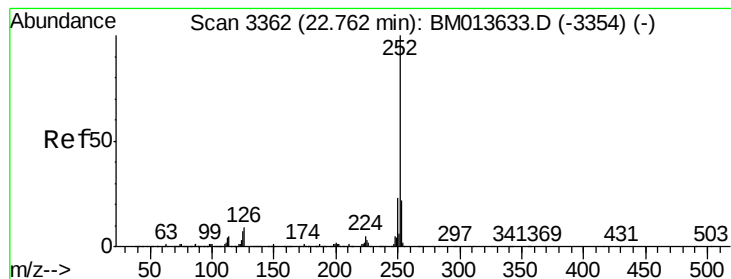


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 21.080 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

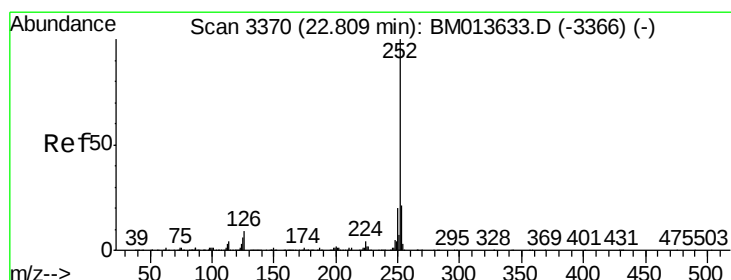
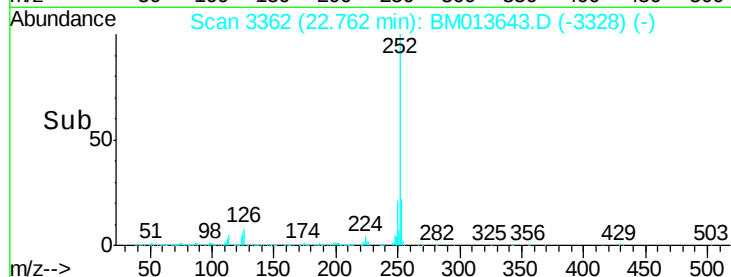
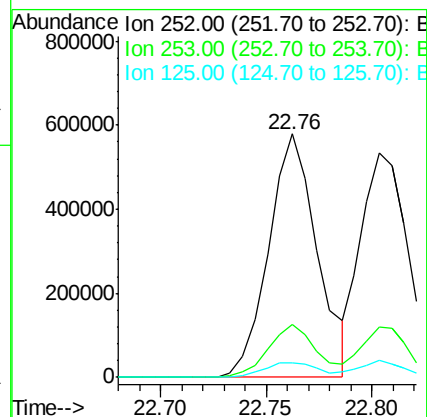
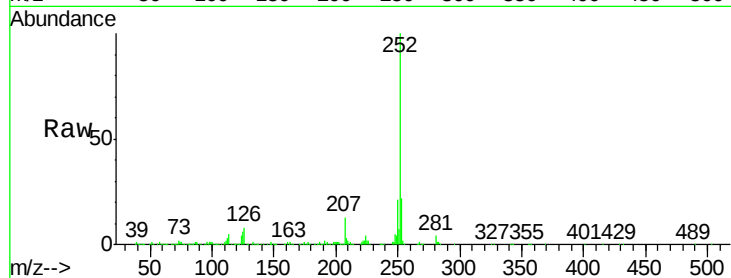
Tot Ion:252 Resp: 923782

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 6.1 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 19.654 ng/ul

RT: 22.80 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

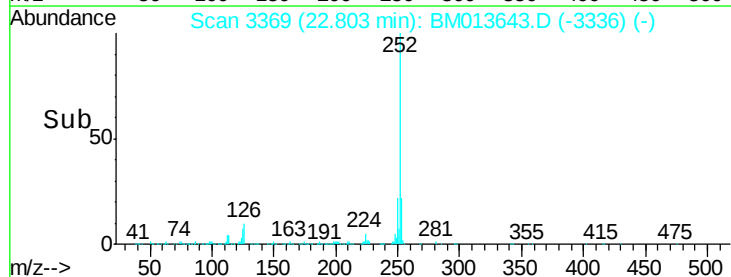
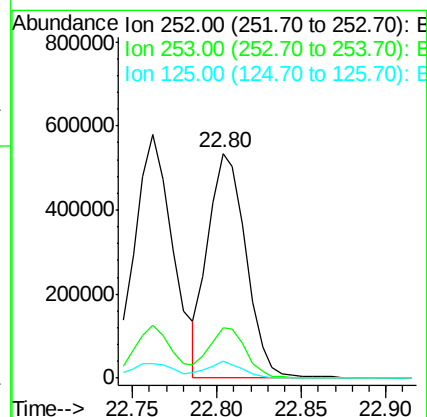
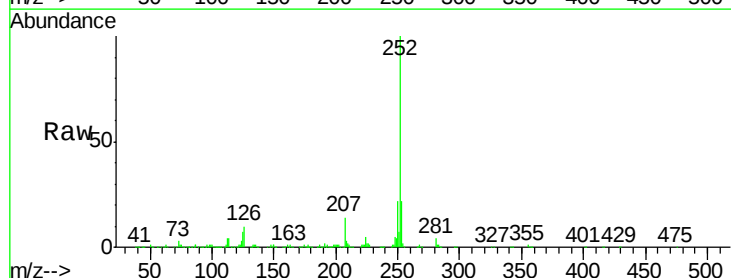
Tgt Ion:252 Resp: 832498

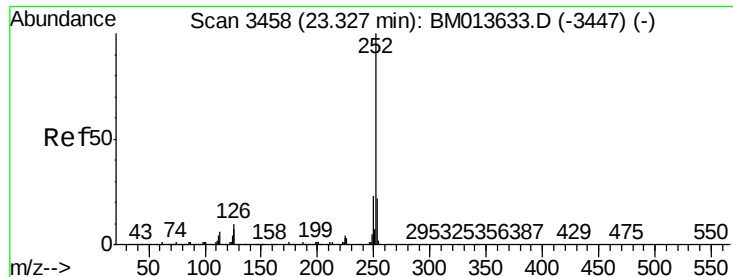
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 7.4 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 20.316 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

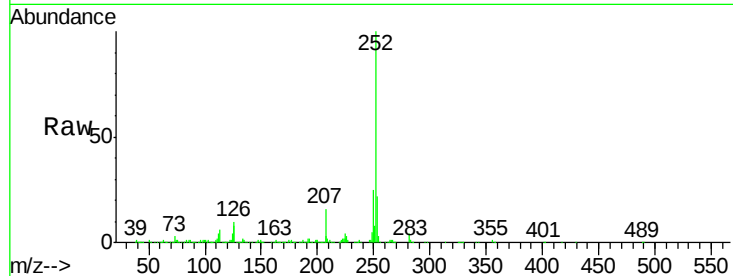
Tot Ion:252 Resp: 841069

Ion Ratio Lower Upper

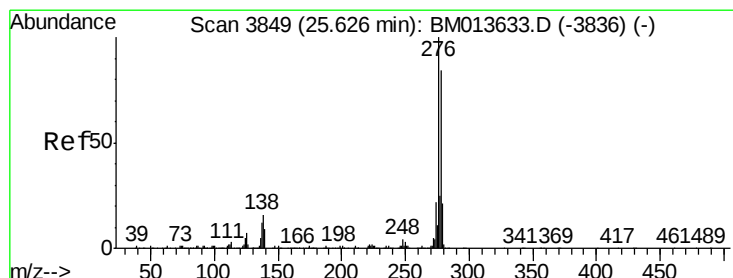
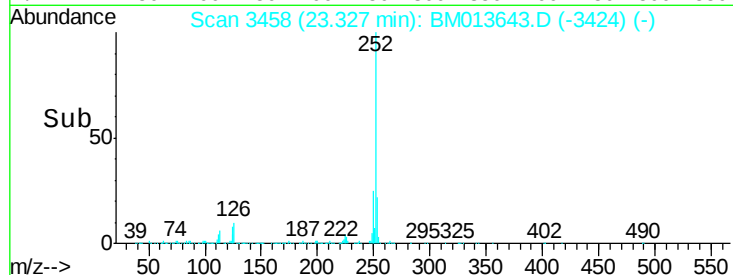
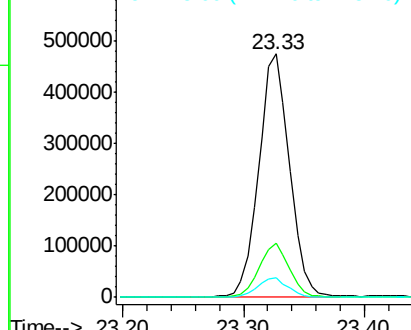
252 100

253 22.1 18.2 27.2

125 8.1 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: 19.730 ng/ul

RT: 25.62 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

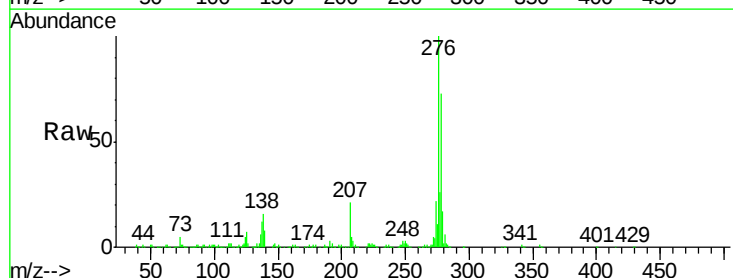
Tgt Ion:276 Resp: 964165

Ion Ratio Lower Upper

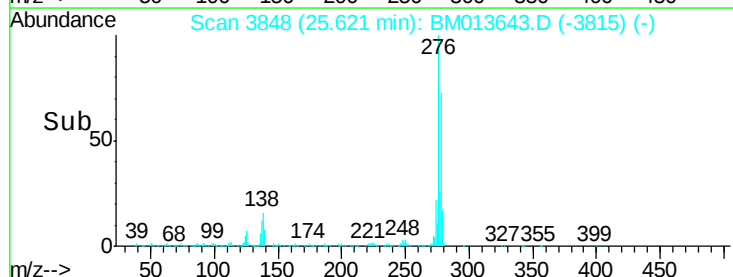
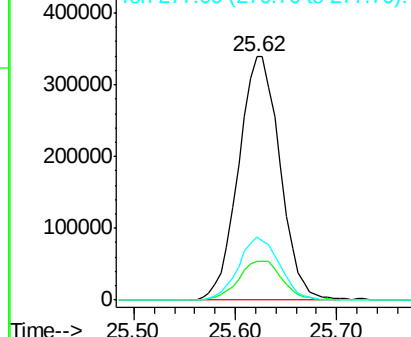
276 100

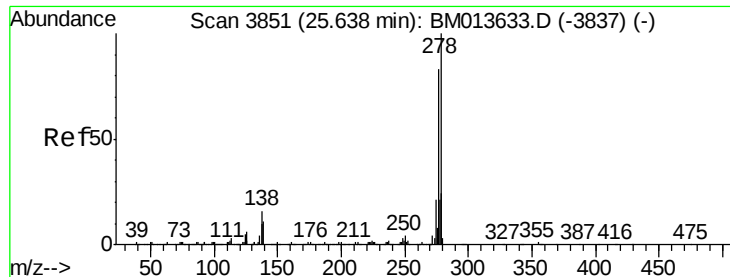
138 15.8 9.3 13.9#

277 25.8 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: 19.873 ng/ul

RT: 25.63 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

Instrument :

BNA_M

ClientSampleId :

SSTD02025

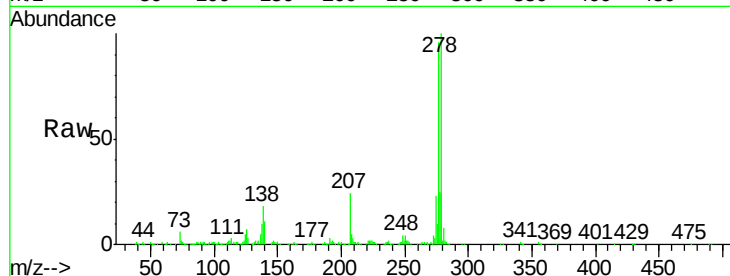
Tot Ion:278 Resp: 820124

Ion Ratio Lower Upper

278 100

139 10.9 5.8 8.8#

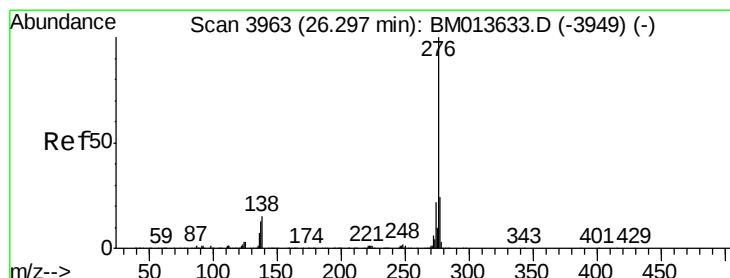
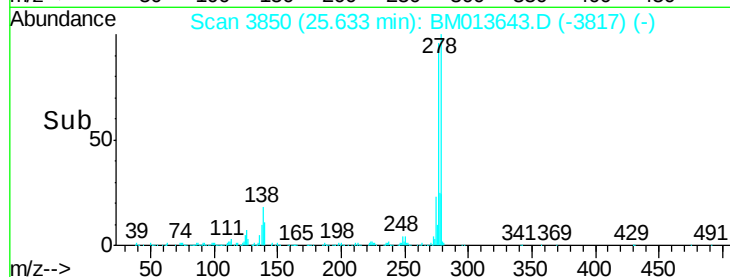
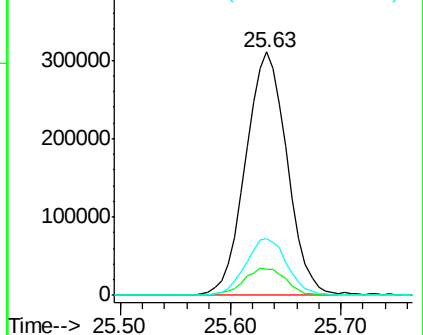
279 23.5 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.955 ng/ul

RT: 26.30 min Scan# 3963

Delta R.T. 0.00 min

Lab File: BM013643.D

Acq: 18 Jan 2018 16:28

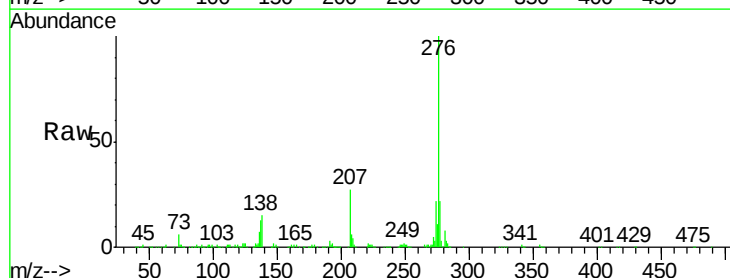
Tgt Ion:276 Resp: 802587

Ion Ratio Lower Upper

276 100

138 14.6 8.5 12.7#

277 21.9 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

