

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
 Data File : BM013659.D
 Acq On : 19 Jan 2018 11:04
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02027

Manual Integrations
 APPROVED

Sohil
 1/22/2018 8:29:15 AM

Quant Time: Jan 19 13:01:44 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 19 02:57:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	130658	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	526698	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	301773	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	670073	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	732488	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	725261	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	21931	6.63	ng/uL	0.00
5) Phenol-d5	6.79	99	195285	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	115134	18.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	169310	20.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	151146	19.60	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	79260	19.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	86776	20.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	161648	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	175201	24.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	479871	19.29	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	627764	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	73891	18.28	ng/ul	0.00
57) Fluorene-d10	15.26	176	426666	19.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	71244	17.66	ng/ul	0.00
70) Anthracene-d10	17.12	188	644036	19.73	ng/ul	0.00
76) Pyrene-d10	19.42	212	704219	20.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	672437	20.17	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.19	88	21989	6.072	ng/uL#	67
4) Benzaldehyde	6.77	77	146063	21.042	ng/ul	88
6) Phenol	6.82	94	196867	19.568	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.05	93	153411	19.487	ng/ul	95
10) 2-Chlorophenol	7.18	128	162721	19.976	ng/ul	96
11) 2-Methylphenol	8.06	108	151178	20.385	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.15	45	151475	18.910	ng/ul#	76
14) Acetophenone	8.43	105	253226	19.845	ng/ul	86
15) N-Nitroso-di-n-propylamine	8.42	70	120237	19.314	ng/ul#	70
16) 4-Methylphenol	8.39	108	156090	19.684	ng/ul	94
17) Hexachloroethane	8.67	117	73663	18.578	ng/ul#	77
20) Nitrobenzene	8.81	77	197918	18.746	ng/ul	96
21) Isophorone	9.33	82	314607	18.443	ng/ul#	92
23) 2-Nitrophenol	9.52	139	87684	19.483	ng/ul#	87
24) 2,4-Dimethylphenol	9.58	107	192753	20.314	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.82	93	195504	18.800	ng/ul	96
27) 2,4-Dichlorophenol	10.05	162	158836	19.756	ng/ul#	92
28) Naphthalene	10.44	128	528981	20.188	ng/ul	98
30) 4-Chloroaniline	10.56	127	168969	23.543	ng/ul	93
31) Hexachlorobutadiene	10.72	225	123834	18.764	ng/ul#	91
32) Caprolactam	11.33	113	42244m	18.887	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	163243	20.029	ng/ul	98
34) 2-Methylnaphthalene	12.06	142	391560	20.043	ng/ul	90

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02027

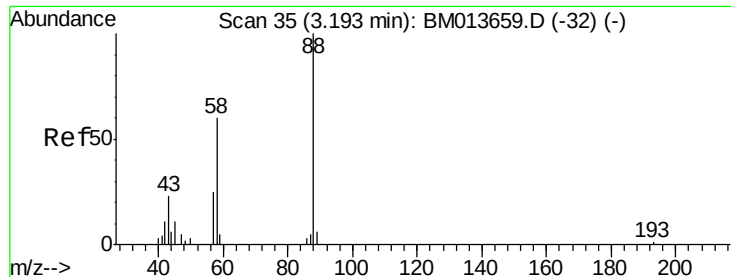
Manual Integrations
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Sohil
 1/22/2018 8:29:15 AM

Quant Time: Jan 19 13:01:44 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	224161	20.047	ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	72246	15.563	ng/ul#	93
38) 2,4,6-Trichlorophenol	12.69	196	136221	21.046	ng/ul	97
39) 2,4,5-Trichlorophenol	12.76	196	134512	19.972	ng/ul	89
40) 1,1'-Biphenyl	13.09	154	501935	19.982	ng/ul	97
41) 2-Chloronaphthalene	13.13	162	395880	20.161	ng/ul	98
42) 2-Nitroaniline	13.35	65	108294	19.993	ng/ul	96
44) Dimethylphthalate	13.73	163	455934	18.645	ng/ul	98
45) 2,6-Dinitrotoluene	13.86	165	91225	19.250	ng/ul	93
47) Acenaphthylene	13.98	152	573784	19.773	ng/ul	97
48) 3-Nitroaniline	14.19	138	81086	21.757	ng/ul	83
49) Acenaphthene	14.33	153	394347	19.621	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	39080	14.386	ng/ul#	86
52) 4-Nitrophenol	14.50	109	68370	16.651	ng/ul#	79
53) Dibenzofuran	14.67	168	577400	19.097	ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	136250	19.724	ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	14.90	232	123581	19.508	ng/ul#	91
56) Diethylphthalate	15.10	149	445730	18.112	ng/ul	93
58) Fluorene	15.32	166	485277	19.594	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.32	204	248314	18.555	ng/ul	99
60) 4-Nitroaniline	15.35	138	85972	19.715	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.42	198	76986	18.083	ng/ul	97
64) N-Nitrosodiphenylamine	15.53	169	396049	20.096	ng/ul	98
65) 4-Bromophenyl-phenylether	16.21	248	155431	19.639	ng/ul	92
66) Hexachlorobenzene	16.32	284	168864	19.822	ng/ul#	87
67) Atrazine	16.49	200	152369	19.372	ng/ul	92
68) Pentachlorophenol	16.67	266	82426	18.208	ng/ul	94
69) Phenanthrene	17.06	178	737312	19.795	ng/ul	99
71) Anthracene	17.15	178	763399	19.871	ng/ul	99
72) Carbazole	17.43	167	618384	19.500	ng/ul	99
73) Di-n-butylphthalate	17.99	149	685160	18.370	ng/ul	99
74) Fluoranthene	19.08	202	847549	19.063	ng/ul#	94
77) Pyrene	19.44	202	900939	20.232	ng/ul#	93
78) Butylbenzylphthalate	20.36	149	304062	19.384	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.14	252	257447	21.246	ng/ul#	97
80) Benzo(a)anthracene	21.20	228	893308	20.183	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	425761	18.091	ng/ul	99
82) Chrysene	21.25	228	802041	19.753	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	726112	16.613	ng/ul	100
85) Benzo(b)fluoranthene	22.76	252	915398	20.552	ng/ul#	97
86) Benzo(k)fluoranthene	22.80	252	825134	19.166	ng/ul#	98
88) Benzo(a)pyrene	23.32	252	827903	19.676	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.61	276	970260	19.535	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.63	278	837735	19.973	ng/ul#	97
91) Benzo(g,h,i)perylene	26.29	276	814585	19.927	ng/ul#	93

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



#2

1,4-Dioxane

Concen: 6.072 ng/uL

RT: 3.19 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

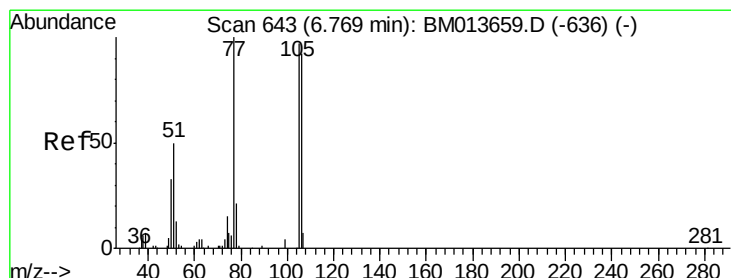
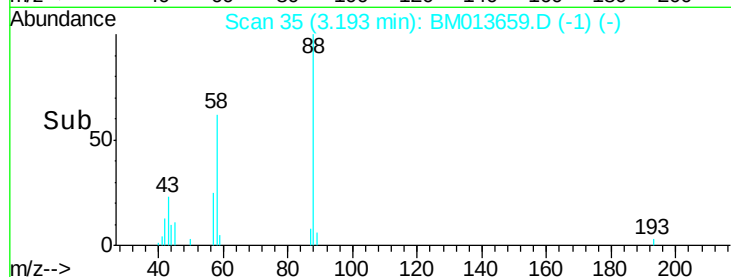
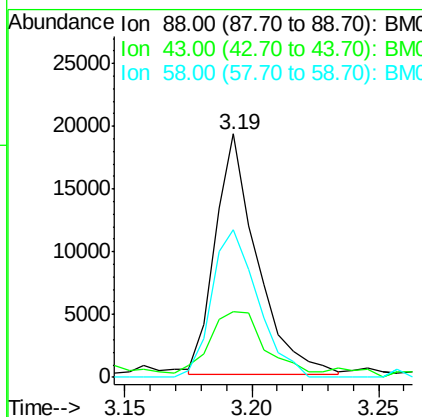
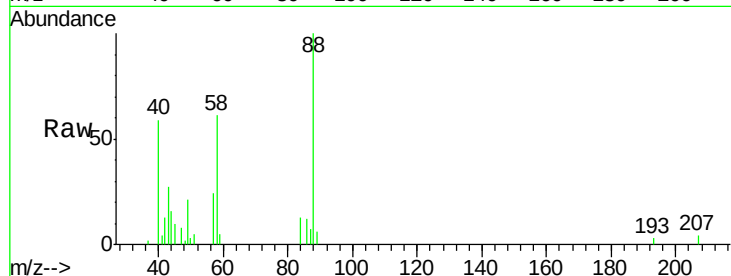
ClientSampleId :

SSTD02027

Tot Ion:	88	Resp:	21989
Ion	Ratio	Lower	Upper
88	100		
43	34.5	48.0	72.0#
58	67.3	80.0	120.0#

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#4

Benzaldehyde

Concen: 21.042 ng/uL

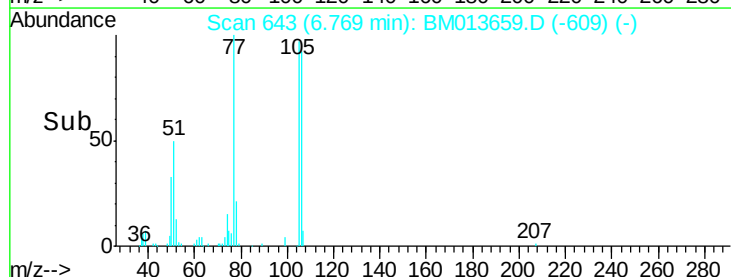
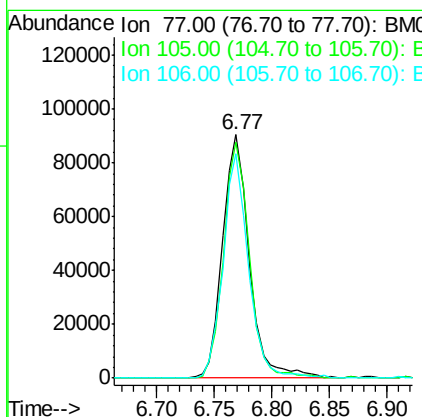
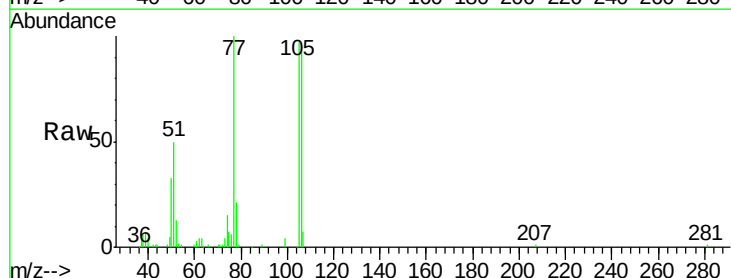
RT: 6.77 min Scan# 643

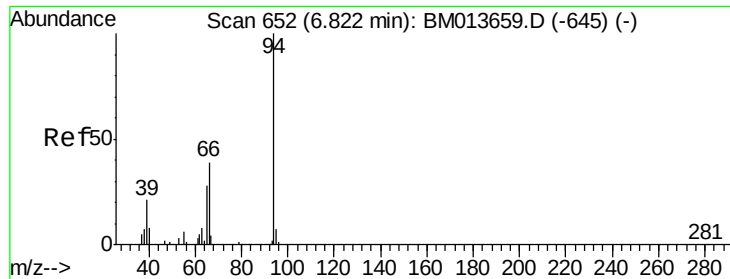
Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Tgt Ion:	77	Resp:	146063
Ion	Ratio	Lower	Upper
77	100		
105	97.0	66.1	99.1
106	92.4	67.8	101.6





#6

Phenol

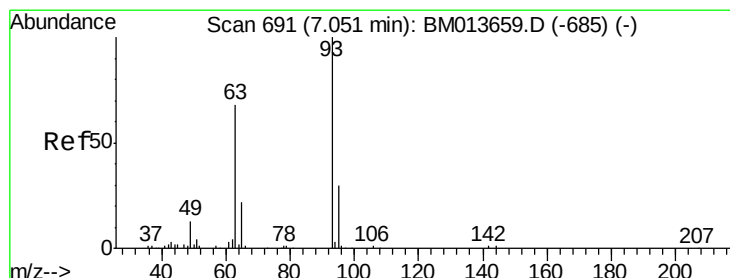
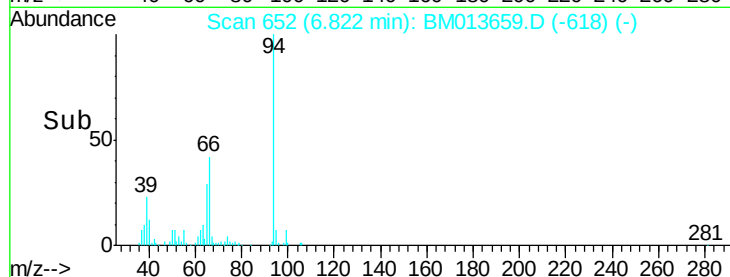
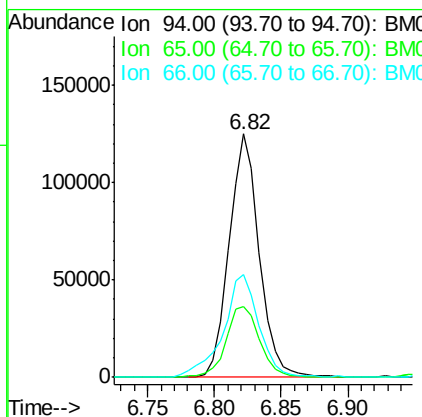
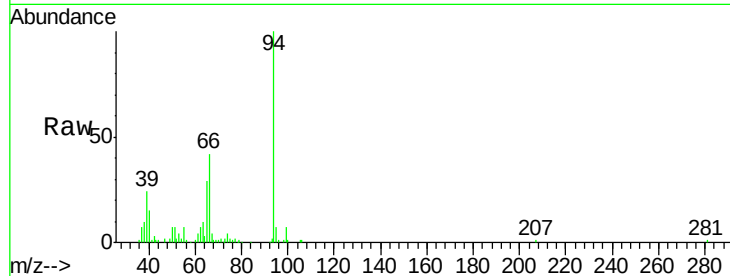
Concen: 19.568 ng/ul
 RT: 6.82 min Scan# 652
 Delta R.T. -0.00 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Instrument :
 BNA_M
 ClientSampleId :
 SST02027

Tot Ion	Ratio	Lower	Upper
94	100		
65	29.0	28.2	42.4
66	42.3	47.2	70.8#

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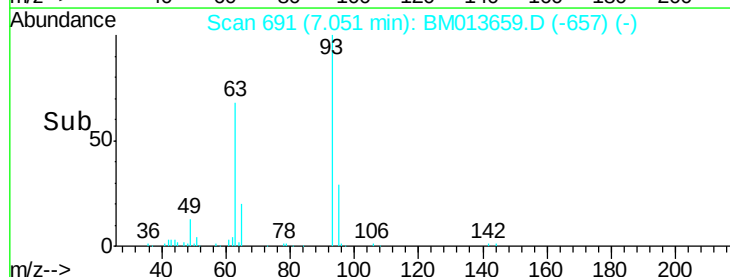
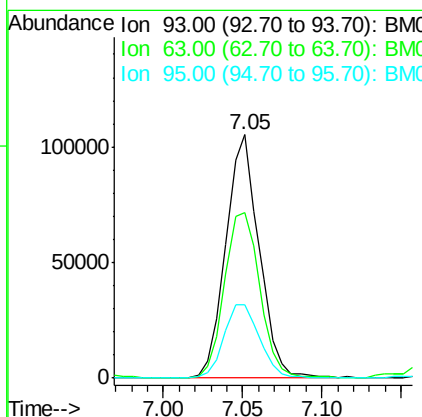
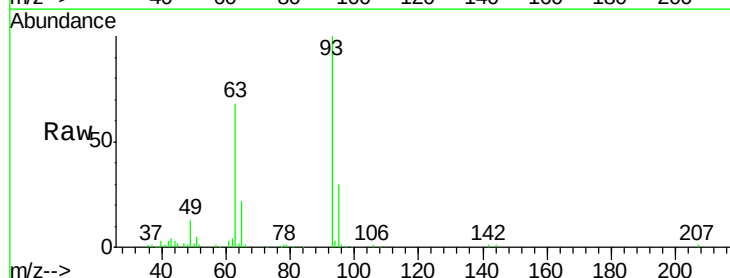


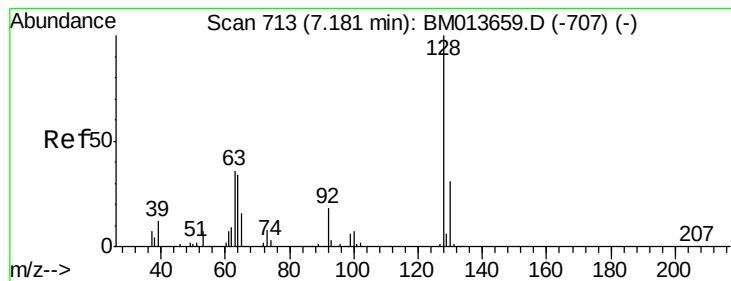
#8

Bis(2-Chloroethyl)ether

Concen: 19.487 ng/ul
 RT: 7.05 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
93	100		
63	68.1	57.3	85.9
95	29.9	26.6	39.8





#10

2-Chlorophenol

Concen: 19.976 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

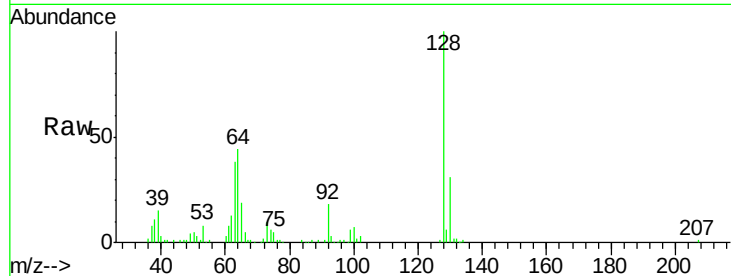
ClientSampleId :

SSTD02027

Tot Ion:	128	Resp:	162721
Ion Ratio	Lower	Upper	
128	100		
64	43.6	38.0	57.0
130	30.6	24.4	36.6

Manual Integrations
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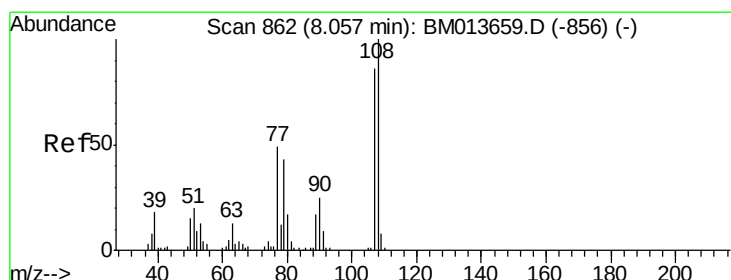
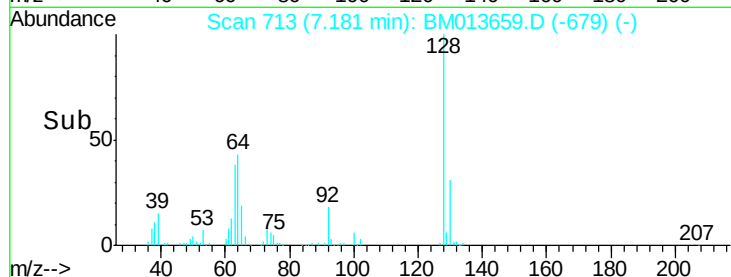
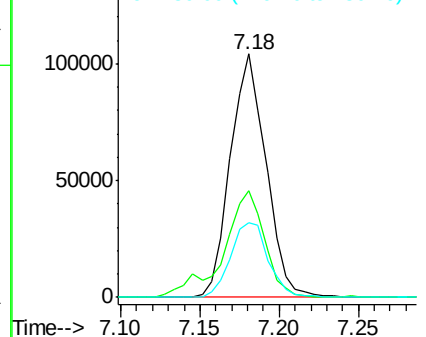
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM013659.D (-707) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.385 ng/ul

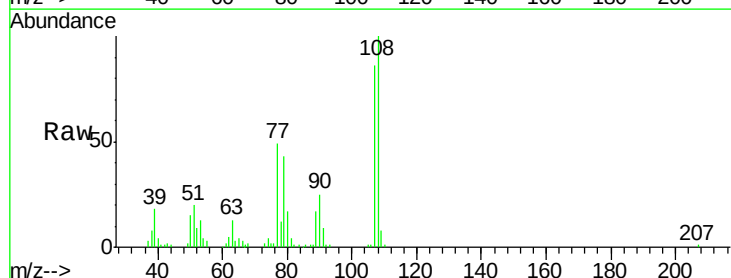
RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM013659.D

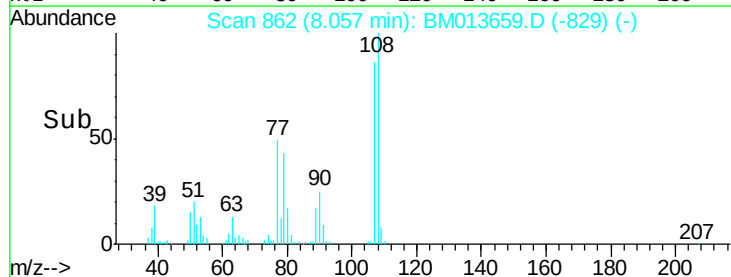
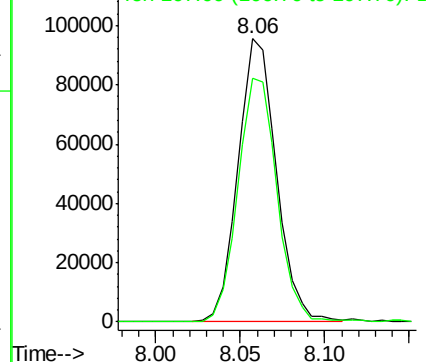
Acq: 19 Jan 2018 11:04

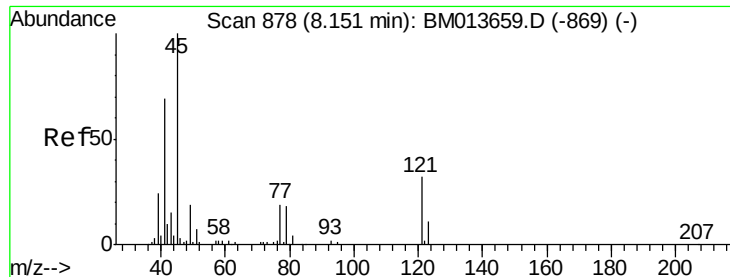
Tgt Ion:	108	Resp:	151178
Ion Ratio	Lower	Upper	
108	100		
107	86.1	72.6	108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





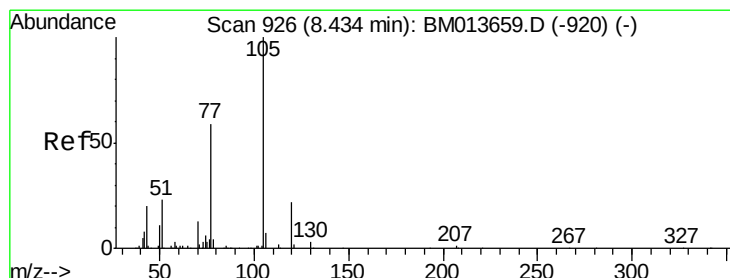
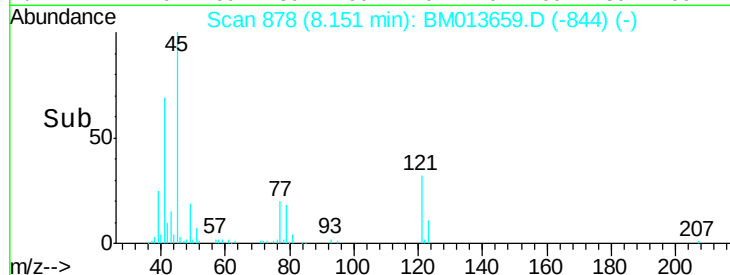
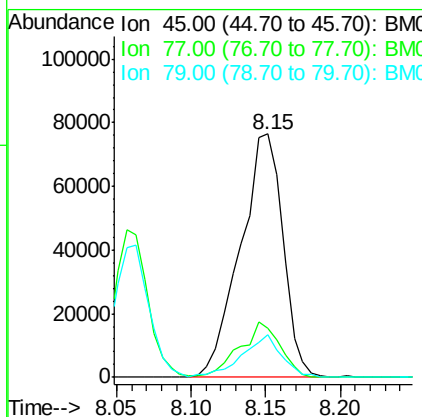
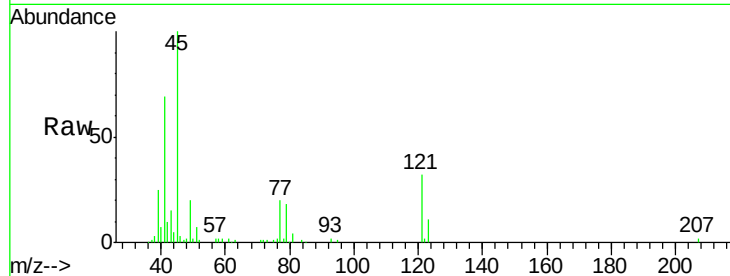
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.910 ng/ul
RT: 8.15 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampled :
SSTD02027

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	20.0	8.0	12.0#
79	17.5	8.0	12.0#

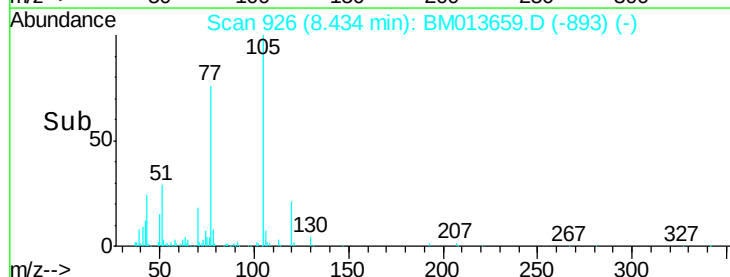
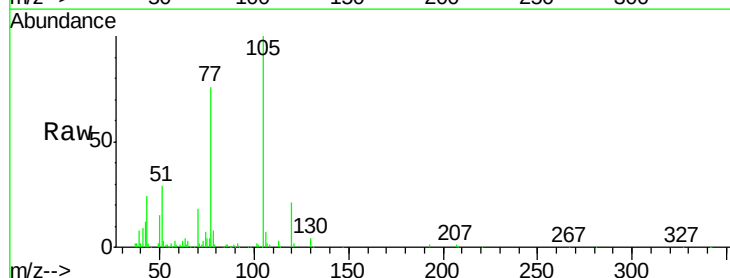
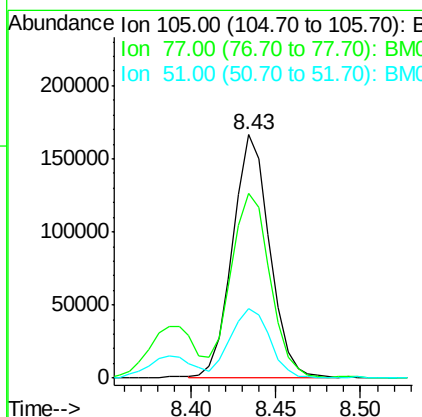
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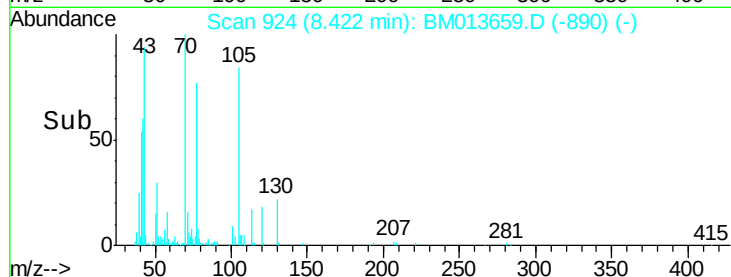
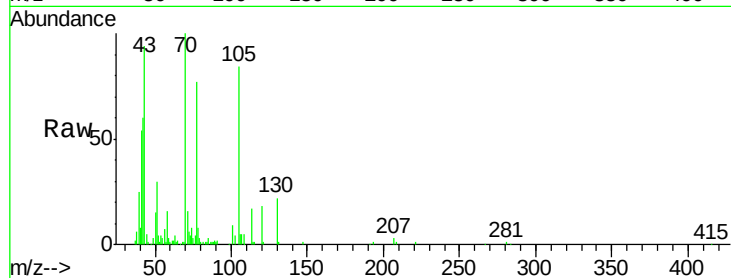
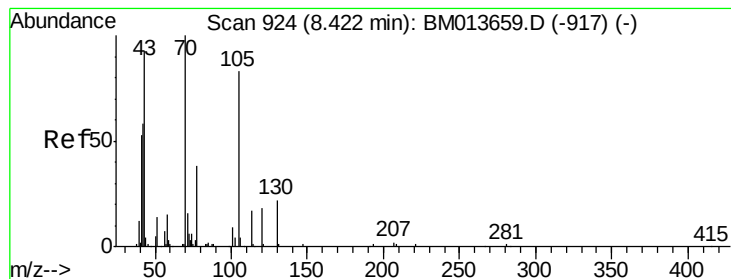
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1/22/2018 8:29:15 AM



#14
Acetophenone
Concen: 19.845 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
77	75.9	74.2	111.4
51	28.7	23.4	35.2





#15

N-Nitroso-di-n-propylamine

Concen: 19.314 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

ClientSampleId :

SSTD02027

Tot Ion: 70 Resp: 120237
Ion Ratio Lower Upper

70 100

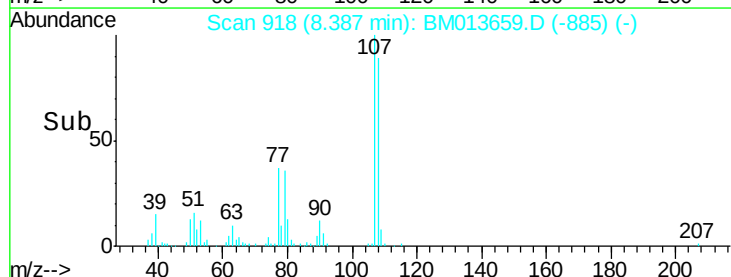
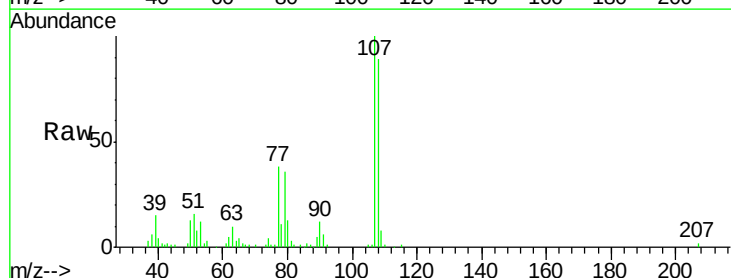
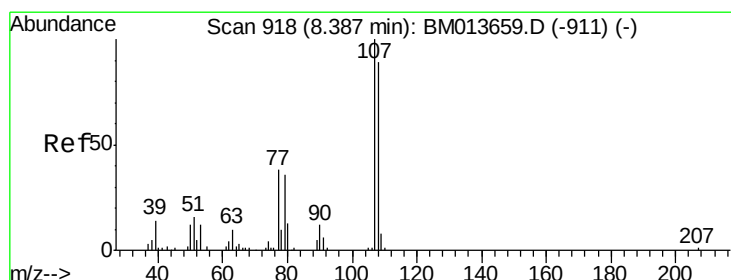
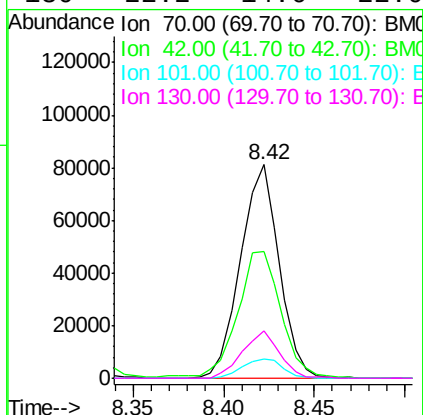
42 59.5 76.0 114.0#

101 9.2 6.7 10.1

130 22.2 14.6 22.0#

Manual Integrations
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1/22/2018 8:29:15 AM



#16

4-Methylphenol

Concen: 19.684 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. -0.01 min

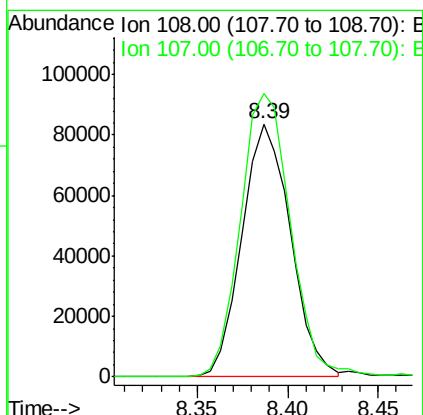
Lab File: BM013659.D

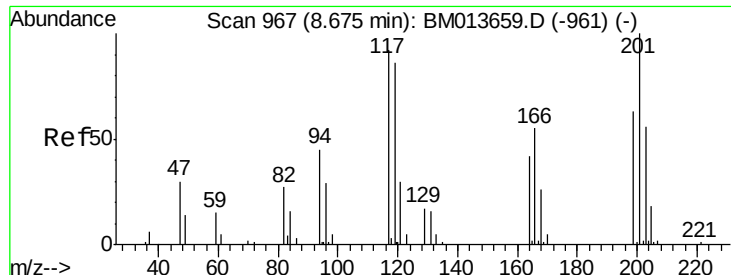
Acq: 19 Jan 2018 11:04

Tgt Ion: 108 Resp: 156090
Ion Ratio Lower Upper

108 100

107 111.9 84.9 127.3





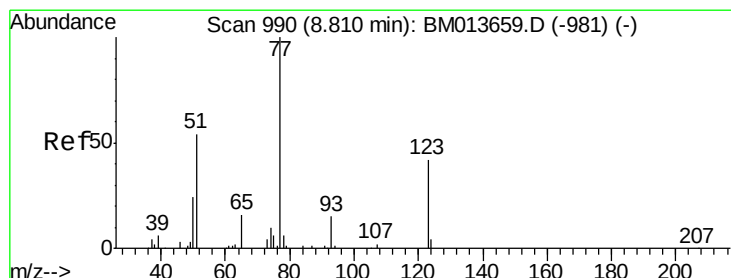
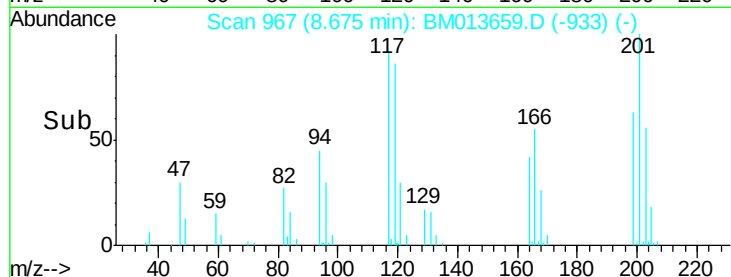
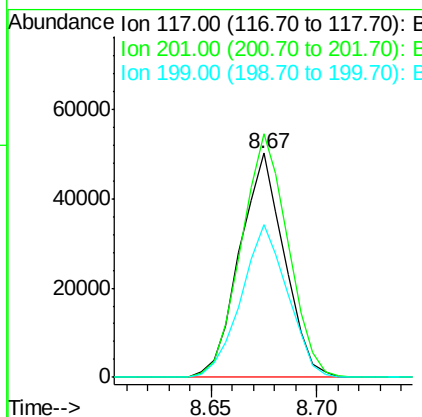
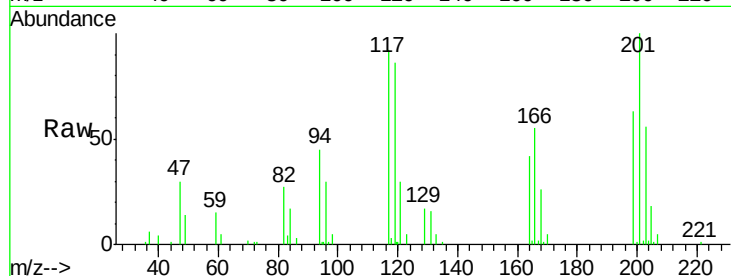
#17
Hexachloroethane
Concen: 18.578 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampled :
SSTD02027

Tot Ion:117 Resp: 73663
Ion Ratio Lower Upper
117 100
201 108.7 111.6 167.4#
199 68.1 67.8 101.6

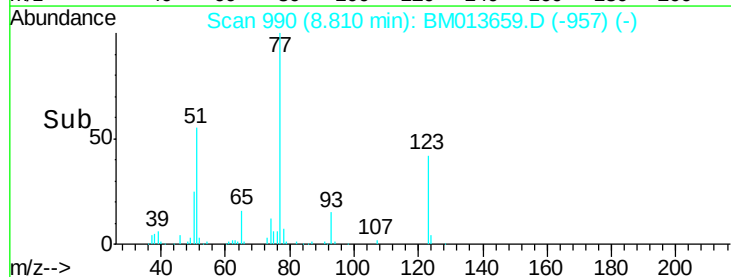
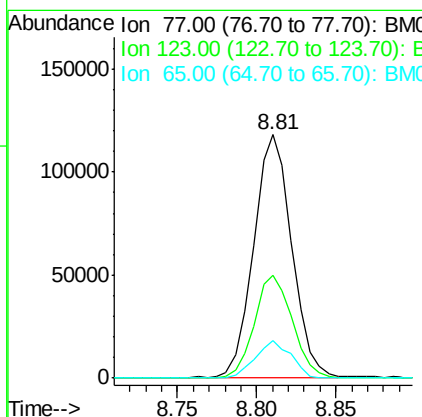
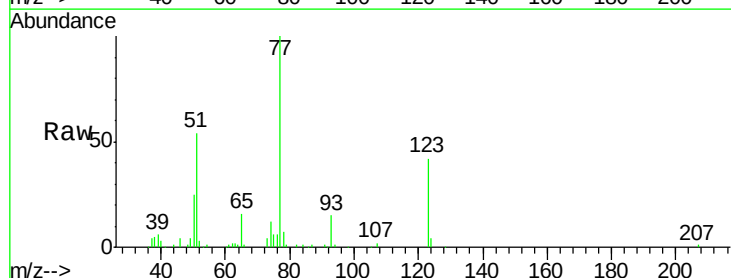
Manual Integrations
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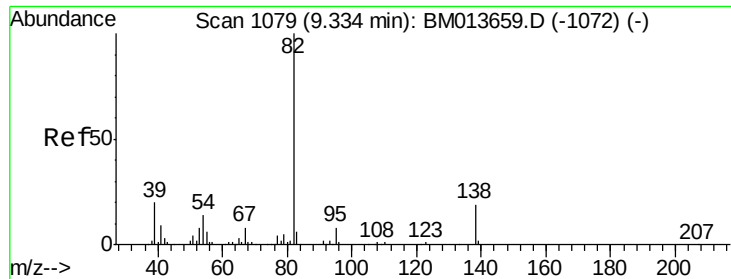
Sohil
1/22/2018 8:29:15 AM



#20
Nitrobenzene
Concen: 18.746 ng/ul
RT: 8.81 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion: 77 Resp: 197918
Ion Ratio Lower Upper
77 100
123 42.3 31.0 46.6
65 15.6 12.2 18.2





#21

Isophorone

Concen: 18.443 ng/ul

RT: 9.33 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

ClientSampleId :

SSTD02027

Tot Ion: 82 Resp: 314607

Ion Ratio Lower Upper

82 100

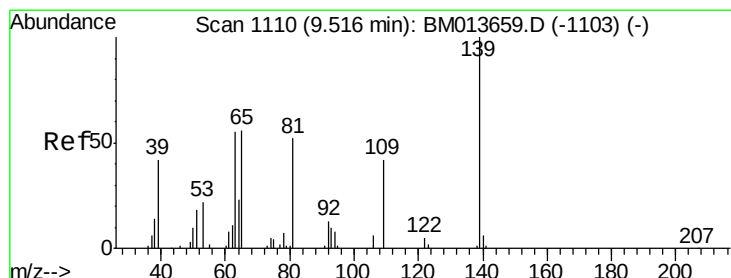
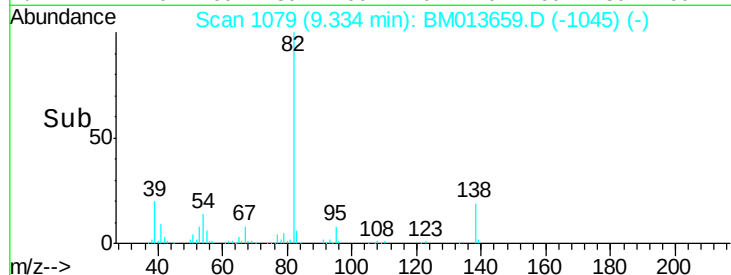
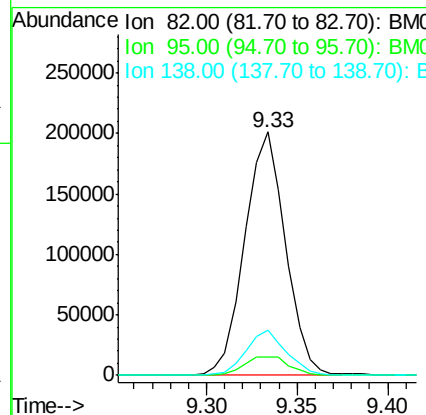
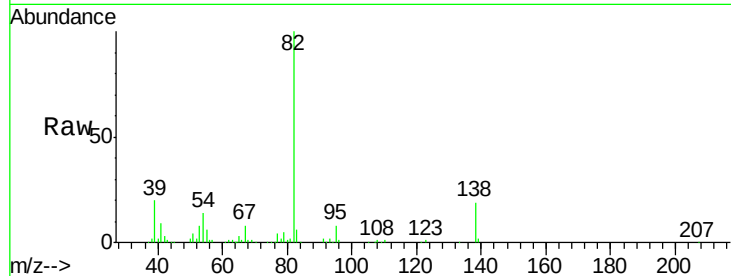
95 7.7 7.8 11.8#

138 18.8 11.9 17.9#

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#23

2-Nitrophenol

Concen: 19.483 ng/ul

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

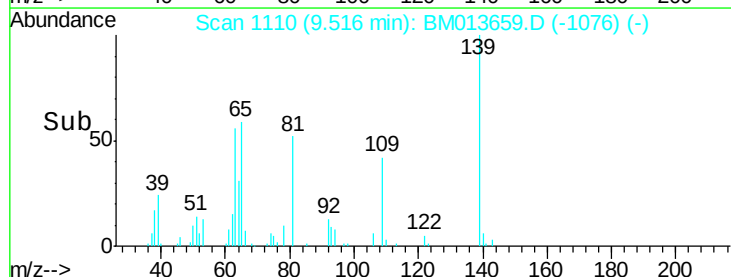
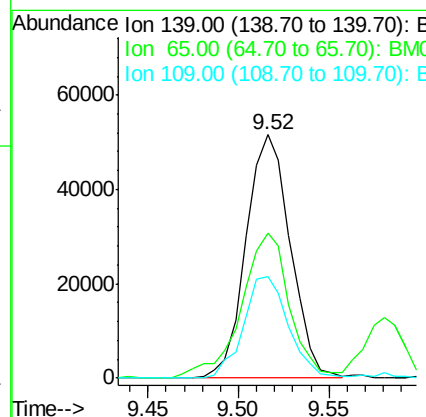
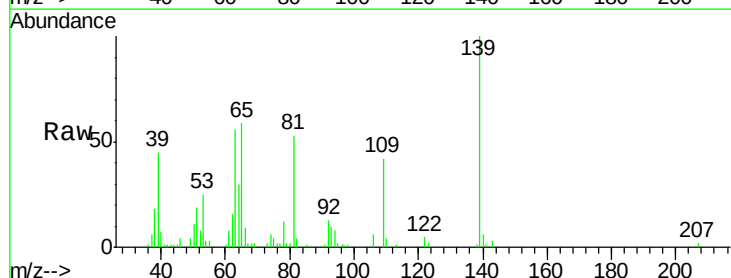
Tgt Ion: 139 Resp: 87684

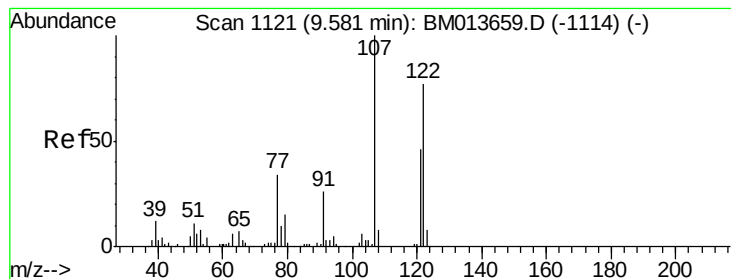
Ion Ratio Lower Upper

139 100

65 59.5 55.4 83.0

109 41.8 42.2 63.2#





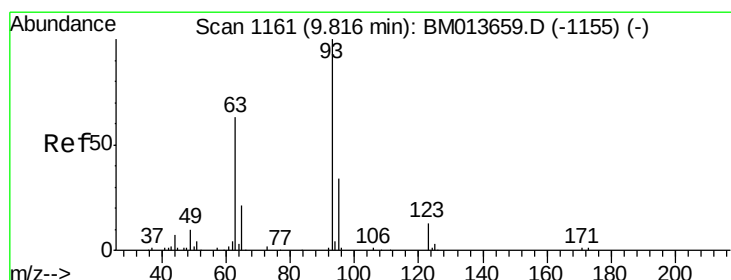
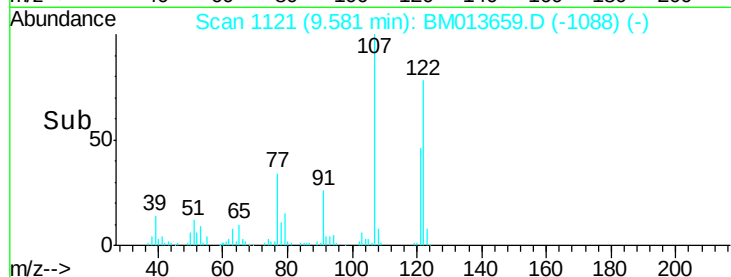
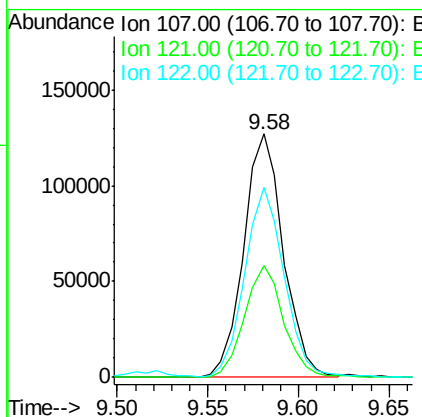
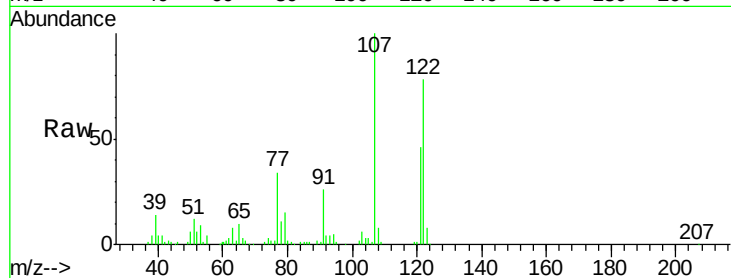
#24
 2,4-Dimethylphenol
 Concen: 20.314 ng/ul
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Instrument :
 BNA_M
 ClientSampled :
 SST02027

Tot Ion	Ratio	Resp	Lower	Upper
107	100	192753		
121	45.9		31.9	47.9
122	77.8		57.8	86.6

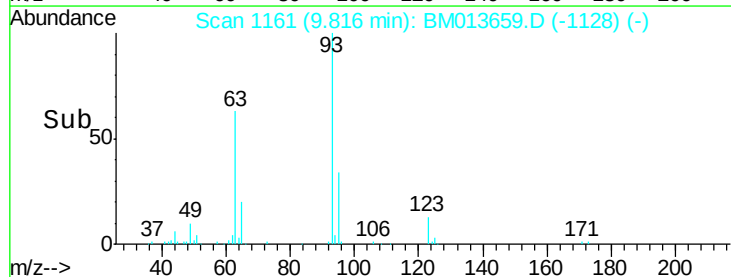
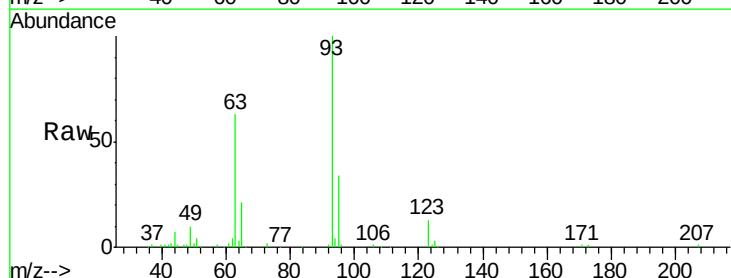
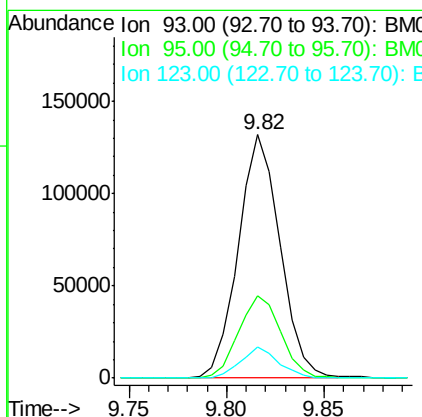
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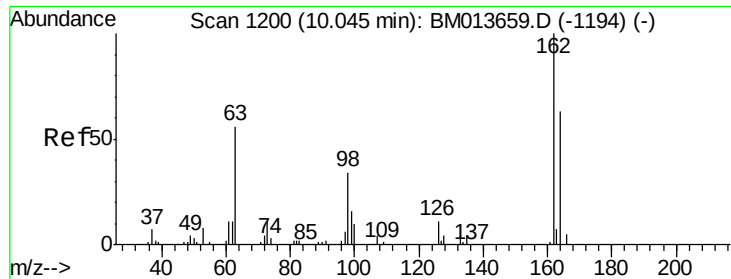
Sohil
 1/22/2018 8:29:15 AM



#25
 Bis(2-Chloroethoxy)methane
 Concen: 18.800 ng/ul
 RT: 9.82 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	195504		
95	33.7		28.5	42.7
123	12.7		8.9	13.3





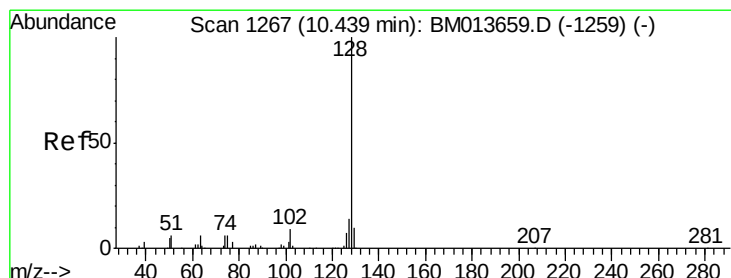
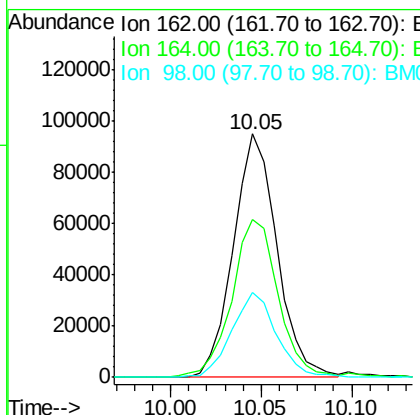
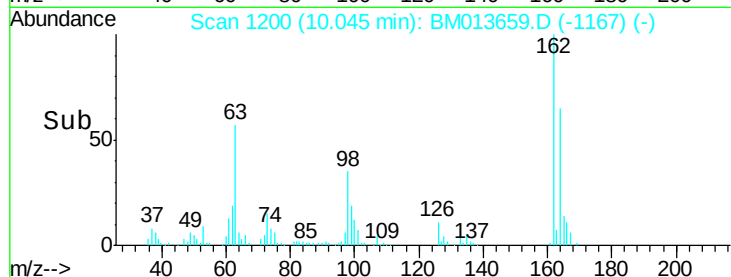
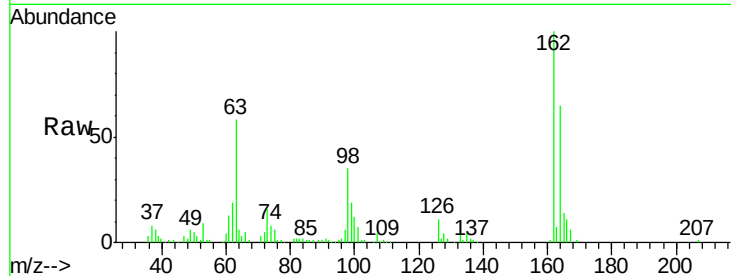
#27
2,4-Dichlorophenol
Concen: 19.756 ng/ul
RT: 10.05 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	47.8	71.6
98	34.9	23.0	34.4

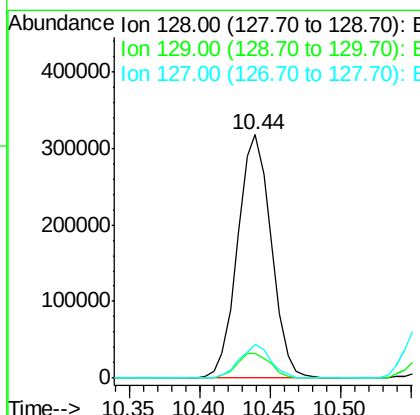
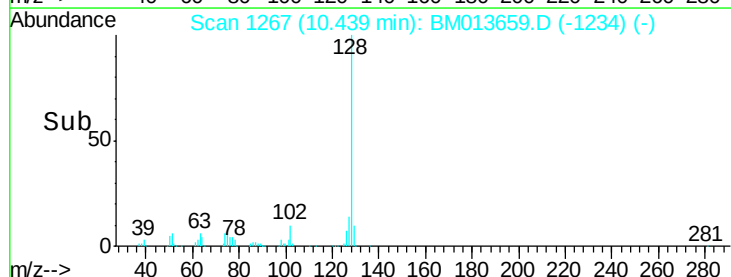
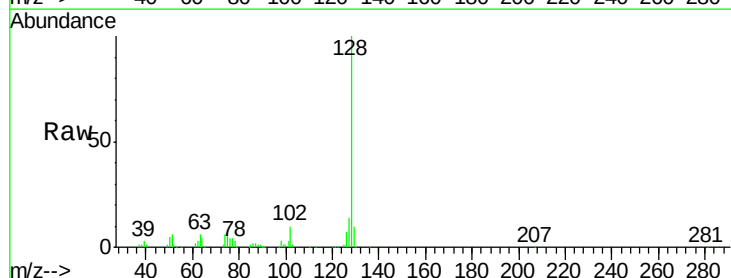
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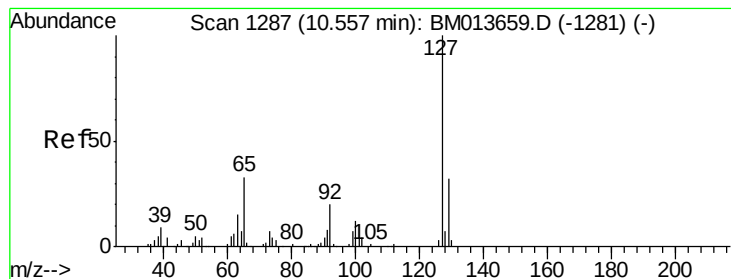
Sohil
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#28
Naphthalene
Concen: 20.188 ng/ul
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	13.7	10.6	16.0





#30

4-Chloroaniline

Concen: 23.543 ng/ul

RT: 10.56 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

ClientSampled :

SSTD02027

Tot Ion:127 Resp: 168969

Ion Ratio Lower Upper

127 100

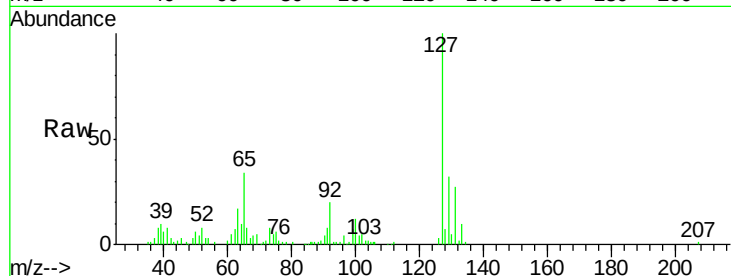
129 31.6 28.4 42.6

Manual Integrations

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Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

10.56

80000

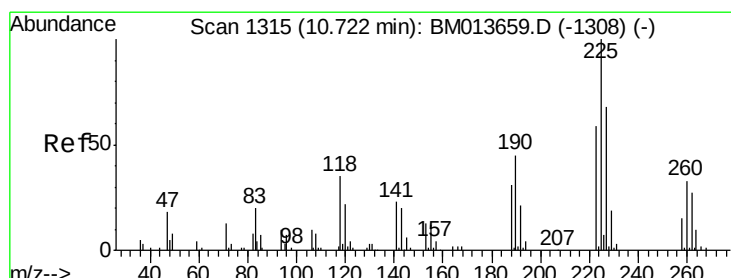
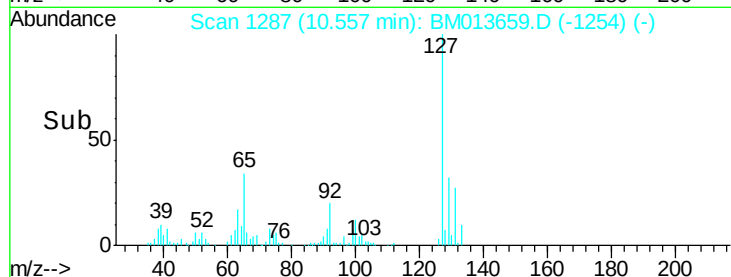
60000

40000

20000

0

Time-->



#31

Hexachlorobutadiene

Concen: 18.764 ng/ul

RT: 10.72 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

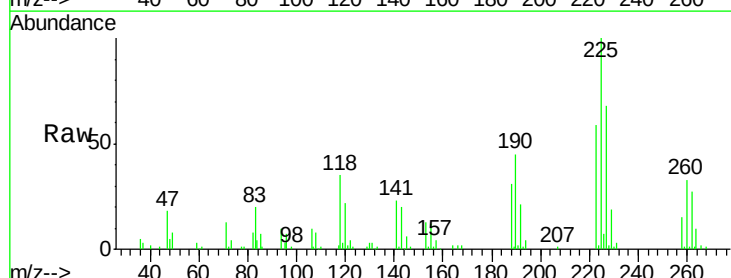
Tgt Ion:225 Resp: 123834

Ion Ratio Lower Upper

225 100

223 59.1 49.4 74.2

227 68.2 45.4 68.2#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

10.72

80000

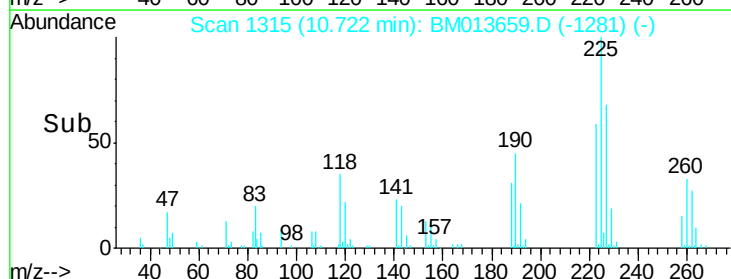
60000

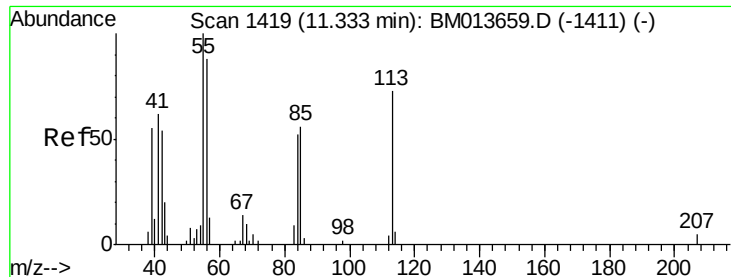
40000

20000

0

Time-->





#32

Caprolactam

Concen: 18.887 ng/ul m

RT: 11.33 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

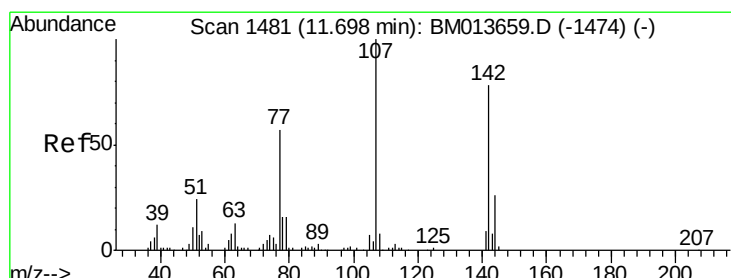
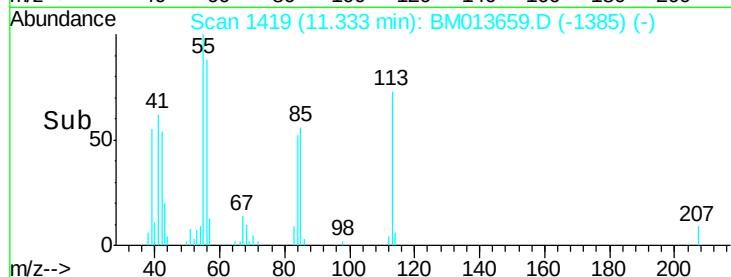
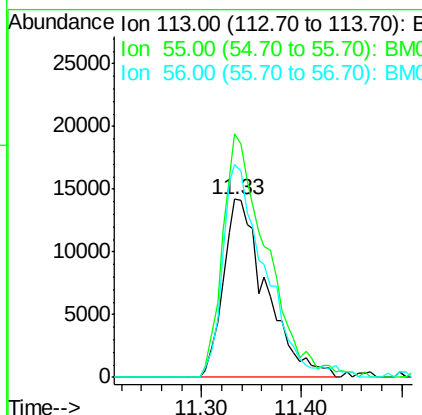
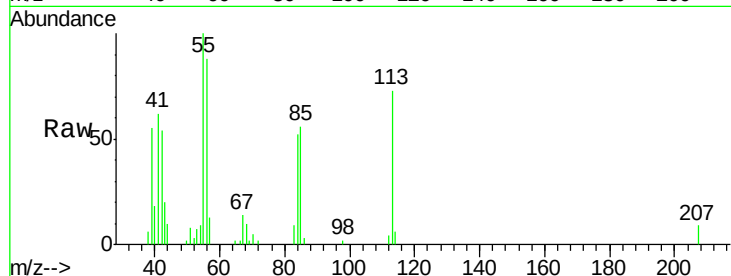
ClientSampleId :

SSTD02027

Tot Ion:	113	Resp:	42244
Ion	Ratio	Lower	Upper
113	100		
55	136.6	208.0	312.0#
56	119.8	160.0	240.0#

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#33

4-Chloro-3-methylphenol

Concen: 20.029 ng/ul

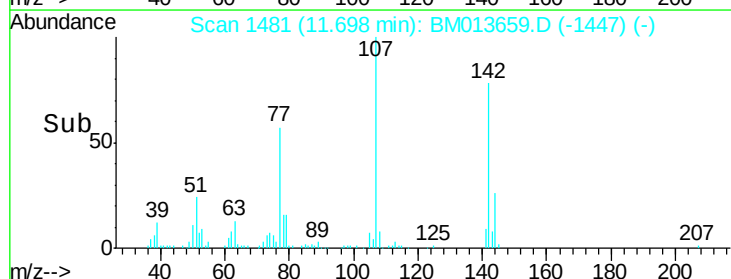
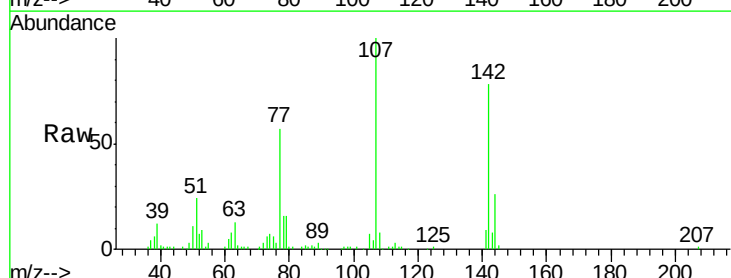
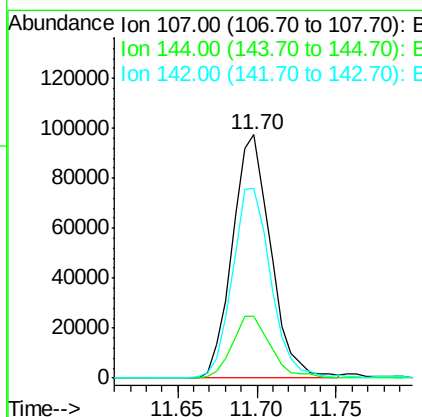
RT: 11.70 min Scan# 1481

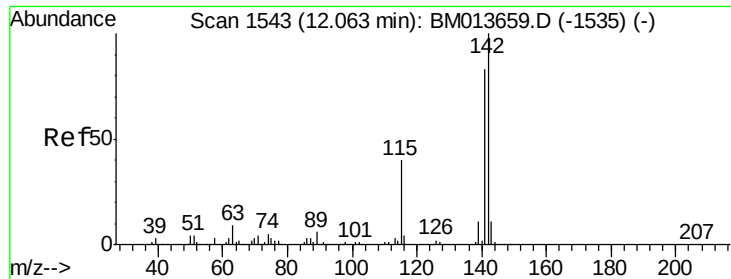
Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Tgt Ion:	107	Resp:	163243
Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.4	30.6
142	78.0	60.5	90.7





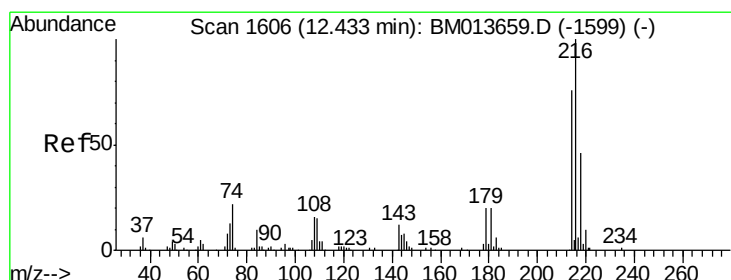
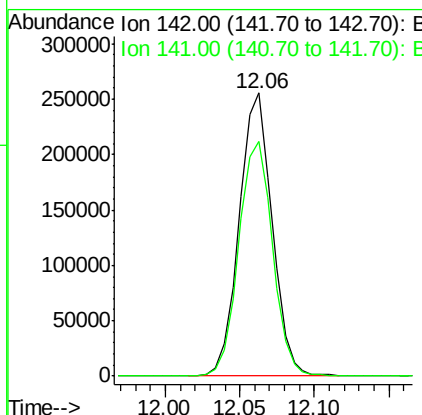
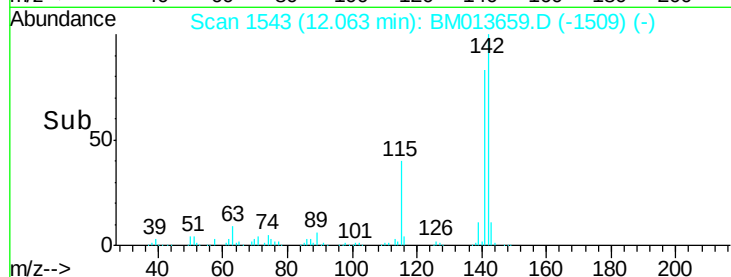
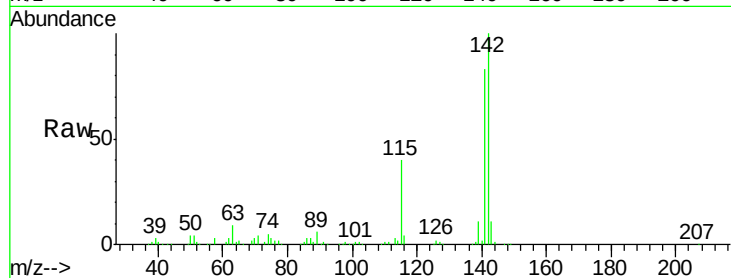
#34
 2-Methylnaphthalene
 Concen: 20.043 ng/ul
 RT: 12.06 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02027

Tot Ion	Ratio	Lower	Upper
142	100		
141	82.7	74.1	111.1

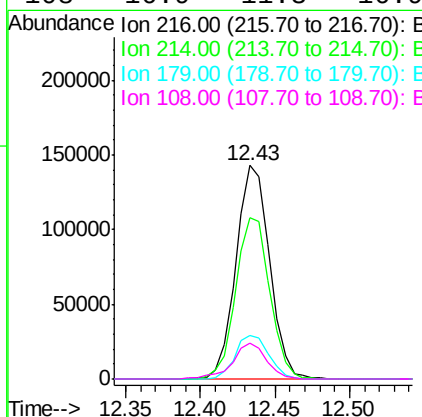
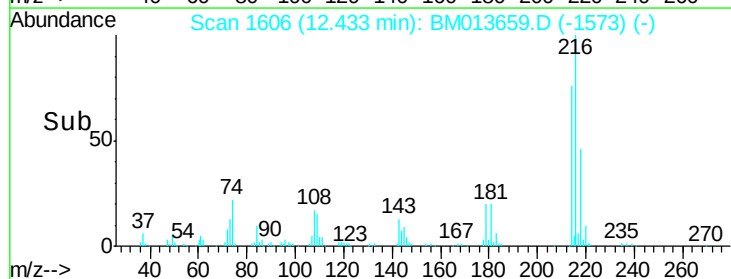
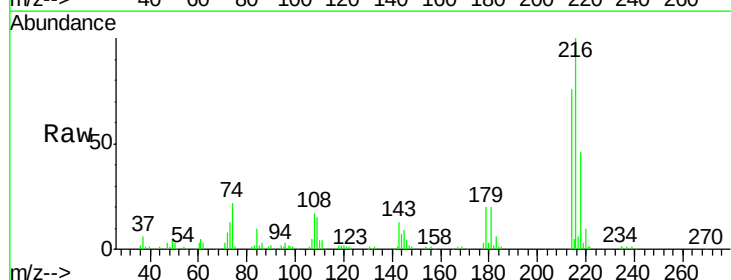
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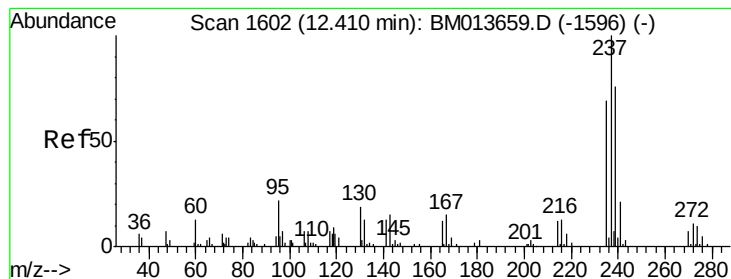
Sohil
 1/22/2018 8:29:15 AM



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.047 ng/ul
 RT: 12.43 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	75.6	60.6	90.8
179	20.4	17.5	26.3
108	16.9	11.3	16.9





#37

Hexachlorocyclopentadiene

Concen: 15.563 ng/ul

RT: 12.41 min Scan# 1602

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

ClientSampleId :

SSTD02027

Tot Ion:237 Resp: 72246

Ion Ratio Lower Upper

237 100

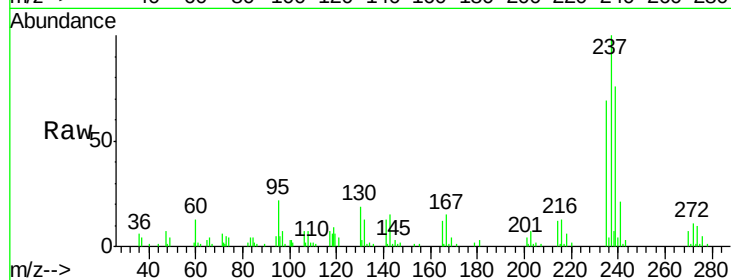
235 68.5 50.2 75.4

272 11.0 11.0 16.6#

Manual Integrations
APPROVED

Sohil

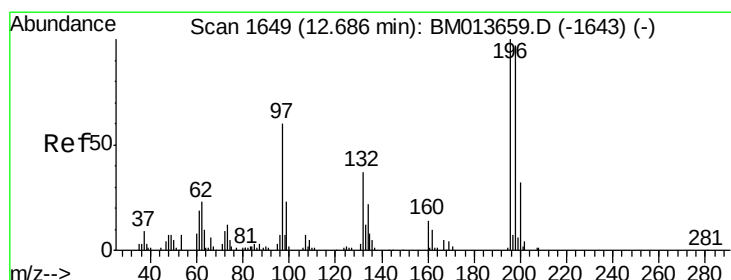
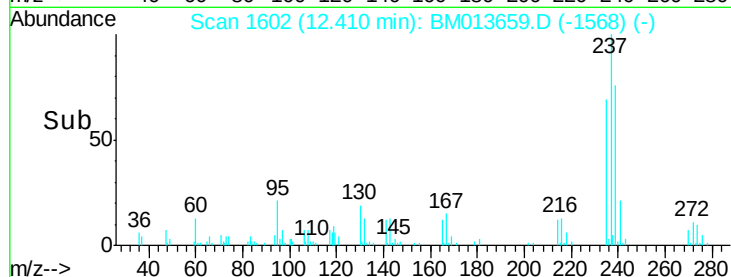
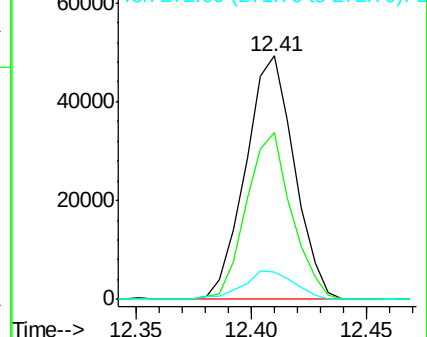
1/22/2018 8:29:15 AM



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: 21.046 ng/ul

RT: 12.69 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

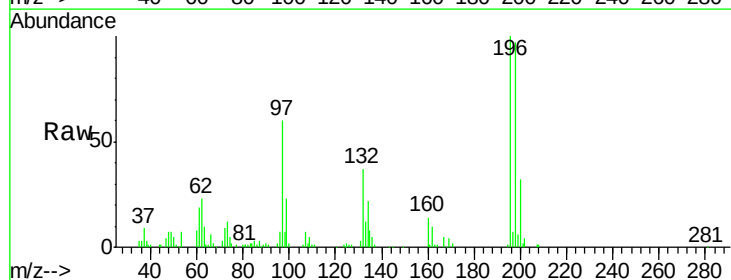
Tgt Ion:196 Resp: 136221

Ion Ratio Lower Upper

196 100

198 96.7 74.1 111.1

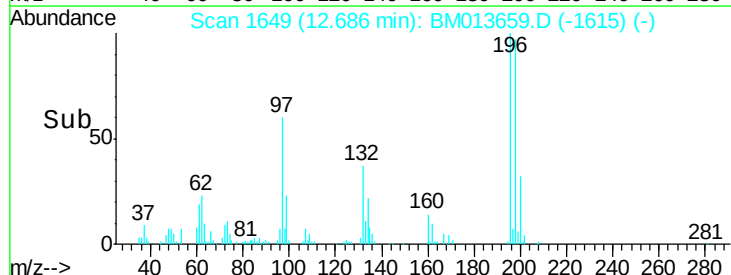
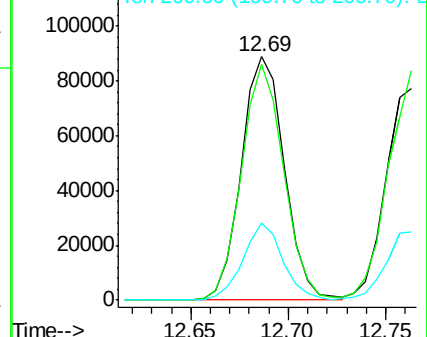
200 31.5 25.2 37.8

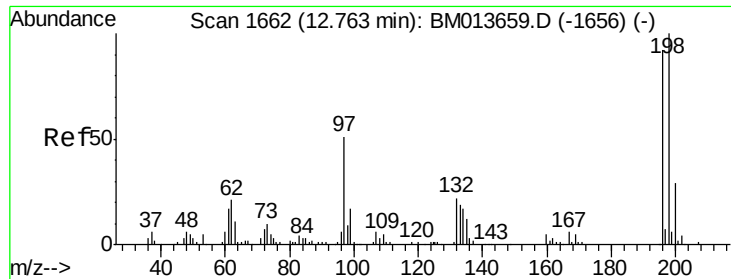


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





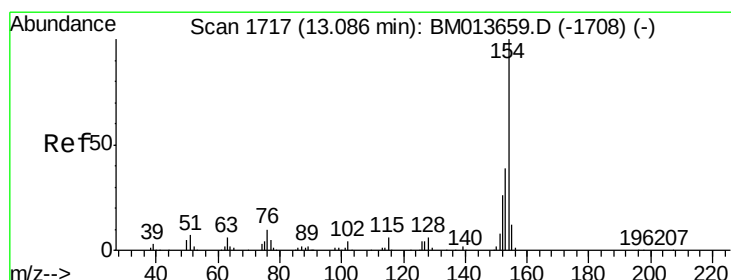
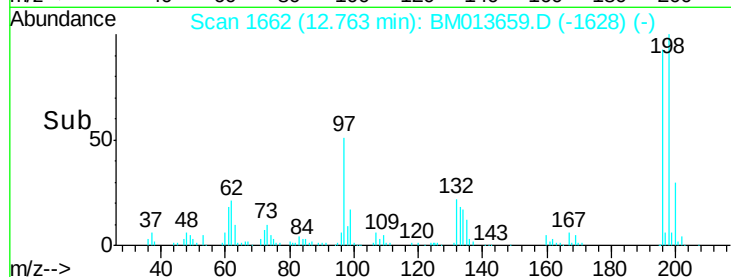
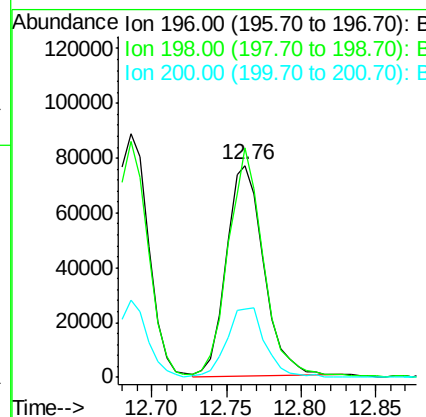
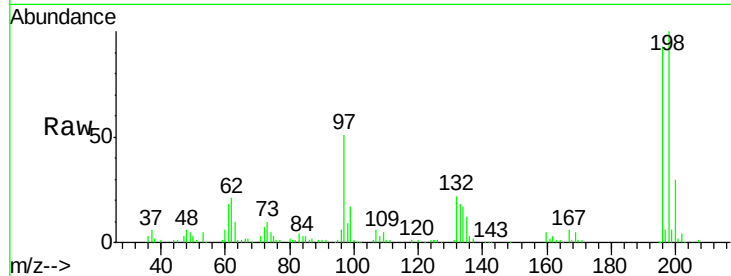
#39
 2,4,5-Trichlorophenol
 Concen: 19.972 ng/ul
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Instrument :
 BNA_M
 ClientSampleId :
 SST02027

Tot Ion	Ratio	Resp	Lower	Upper
196	100	134512		
198	108.0	75.6	113.4	
200	32.1	25.5	38.3	

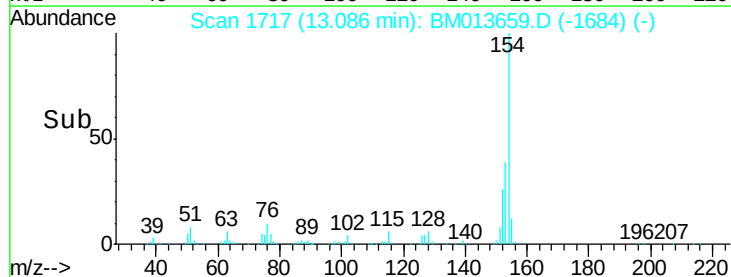
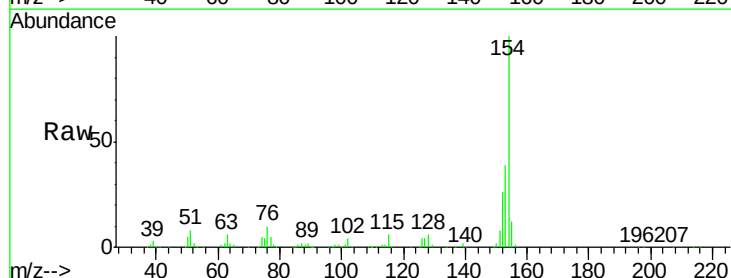
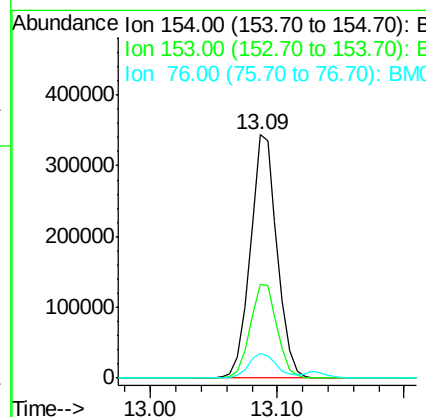
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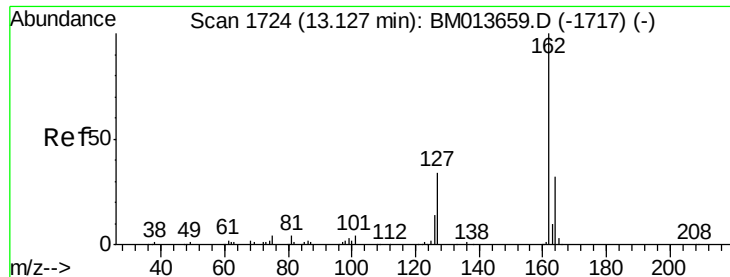
Sohil
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#40
 1,1'-Biphenyl
 Concen: 19.982 ng/ul
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	501935		
153	38.6	32.6	48.8	
76	10.2	8.5	12.7	





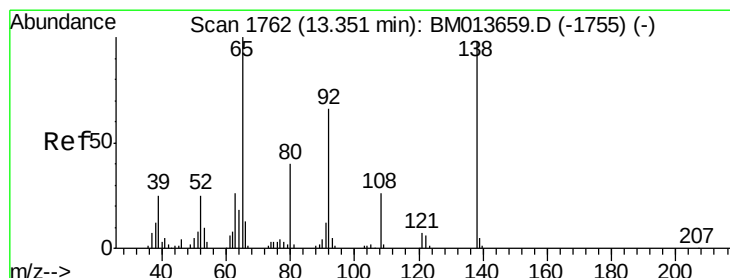
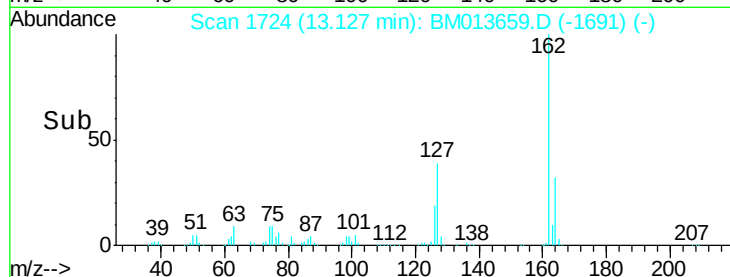
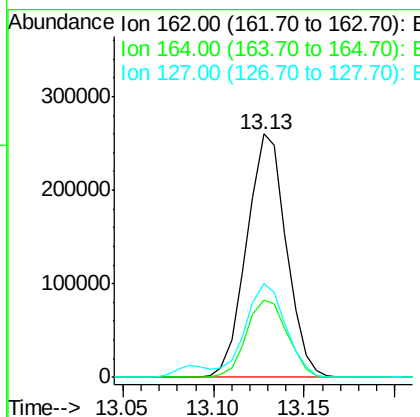
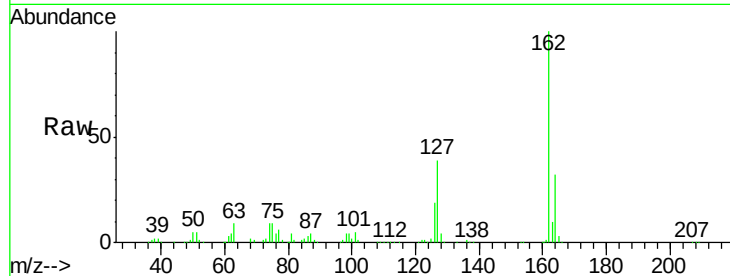
#41
2-Chloronaphthalene
Concen: 20.161 ng/ul
RT: 13.13 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Tot Ion	Ratio	Lower	Upper
162	100		
164	31.9	25.9	38.9
127	38.6	29.4	44.2

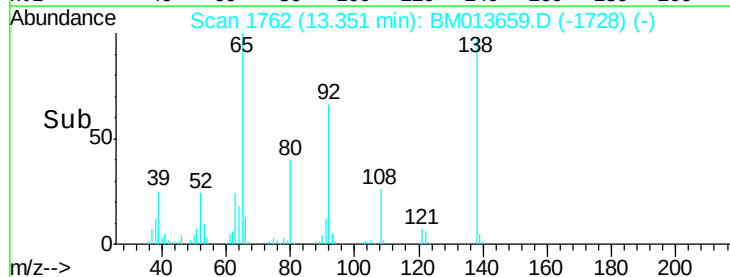
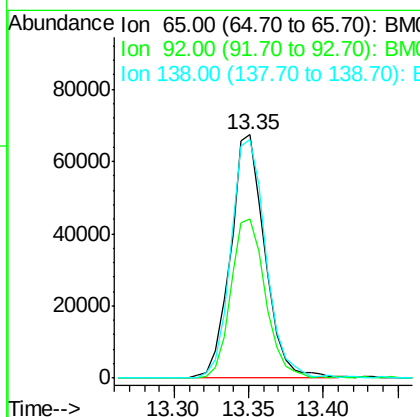
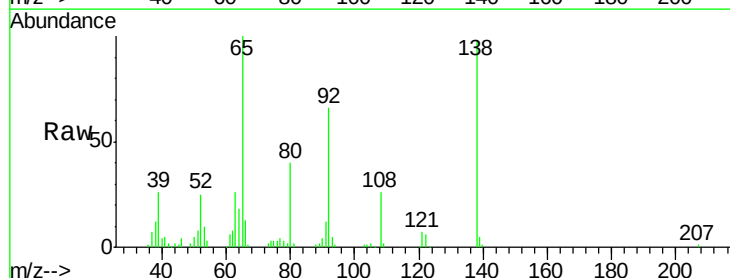
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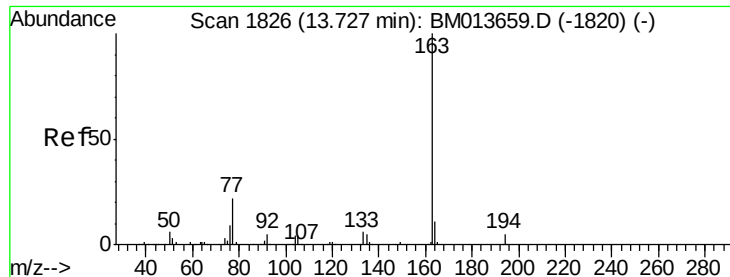
Sohil
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#42
2-Nitroaniline
Concen: 19.993 ng/ul
RT: 13.35 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	51.8	77.6
138	97.9	74.2	111.4





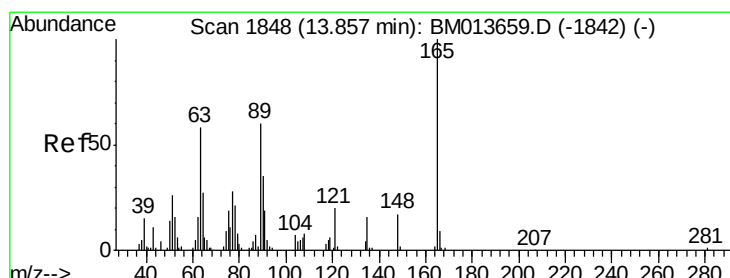
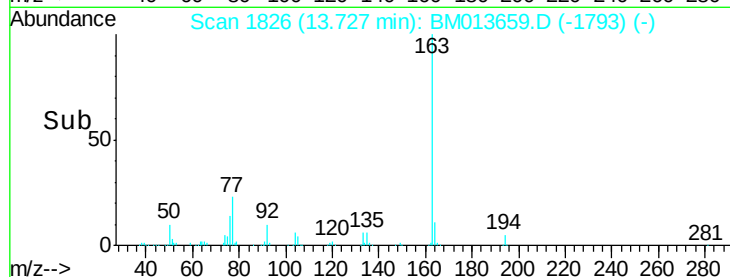
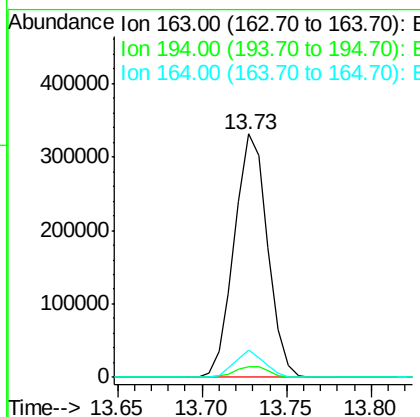
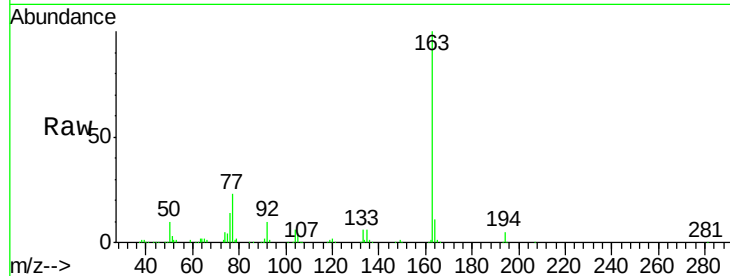
#44
Dimethylphthalate
Concen: 18.645 ng/ul
RT: 13.73 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Tot Ion	Ratio	Resp	Lower	Upper
163	100	455934		
194	4.6		3.5	5.3
164	11.5		8.2	12.4

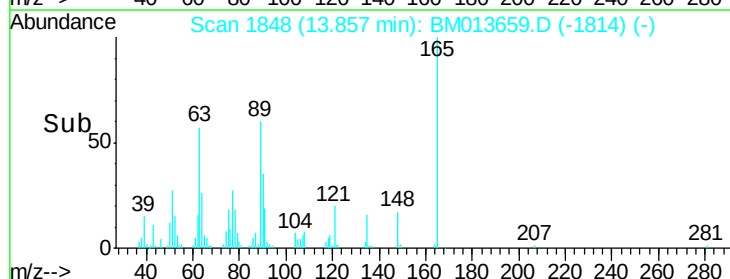
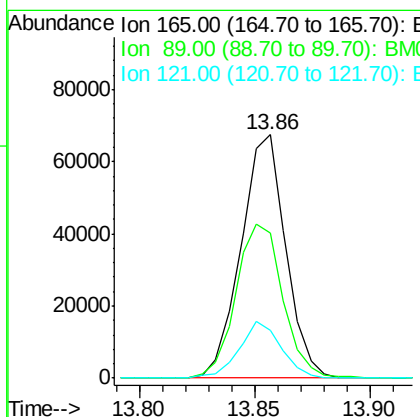
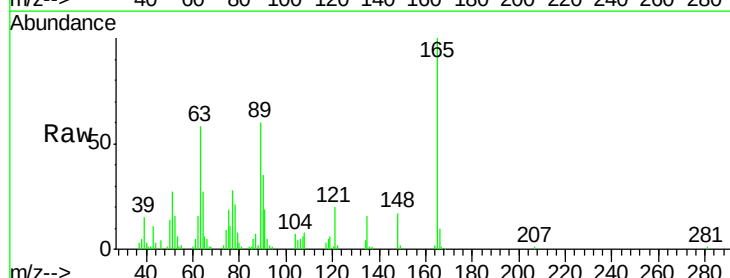
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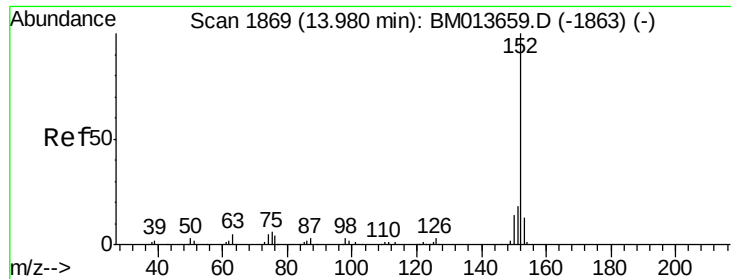
Sohil
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#45
2,6-Dinitrotoluene
Concen: 19.250 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	91225		
89	59.5		52.6	79.0
121	19.5		14.6	22.0





#47

Acenaphthylene

Concen: 19.773 ng/ul

RT: 13.98 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

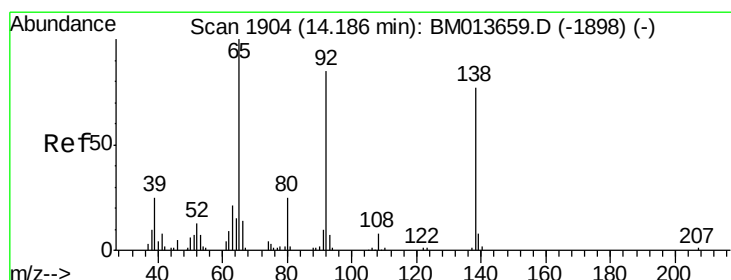
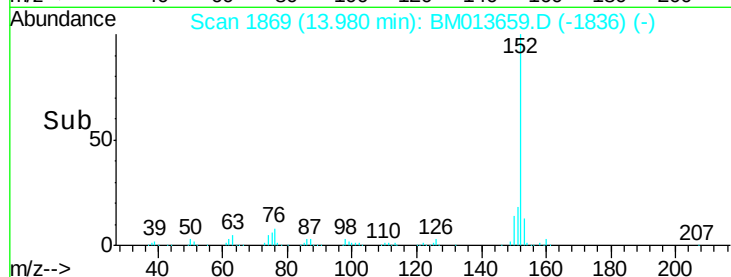
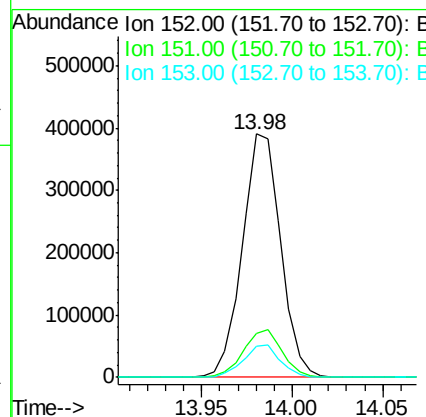
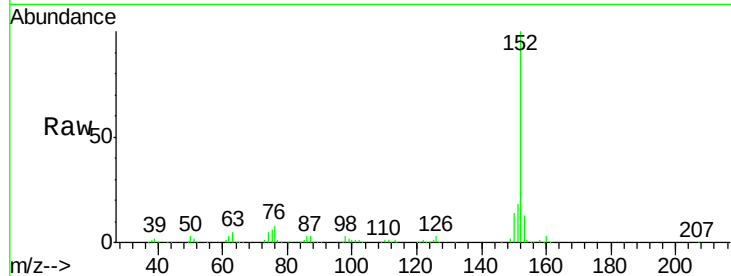
ClientSampled :

SSTD02027

Tot Ion:	152	Resp:	573784
Ion Ratio	Lower	Upper	
152	100		
151	18.3	16.3	24.5
153	12.9	10.2	15.4

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#48

3-Nitroaniline

Concen: 21.757 ng/ul

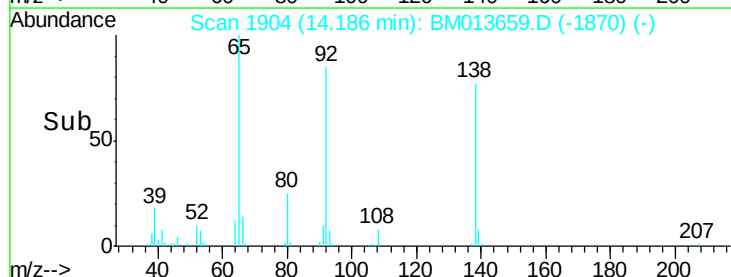
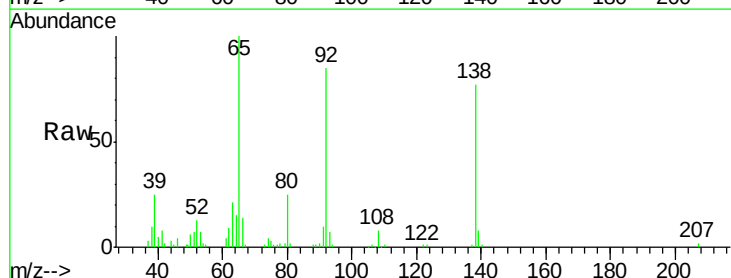
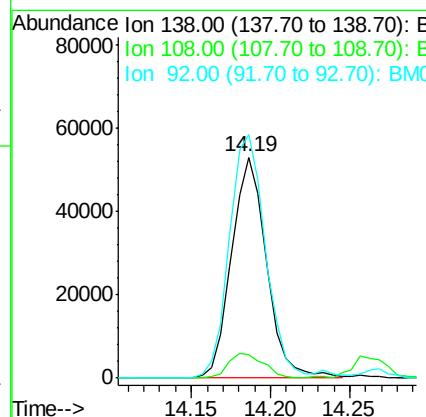
RT: 14.19 min Scan# 1904

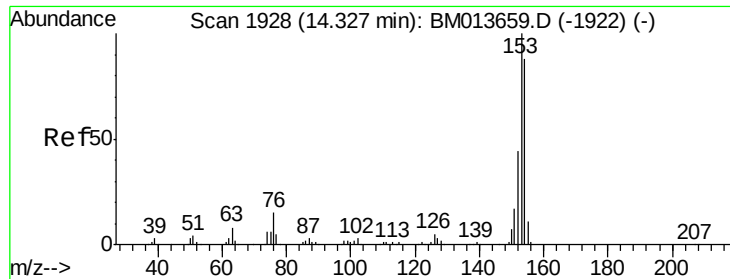
Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Tgt Ion:	138	Resp:	81086
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.9	14.9
92	110.4	105.0	157.4





#49

Acenaphthene

Concen: 19.621 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

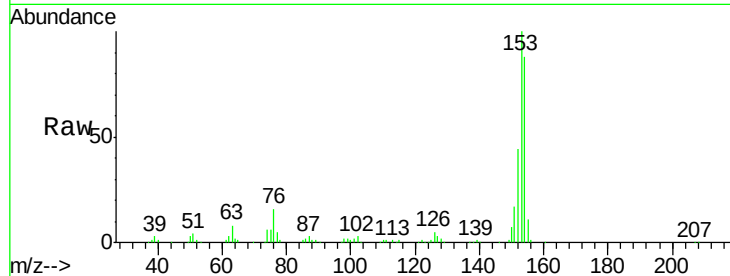
ClientSampleId :

SSTD02027

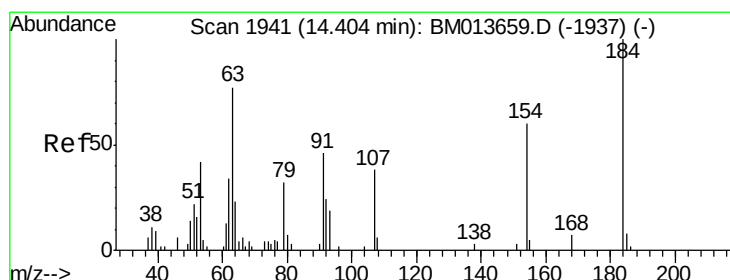
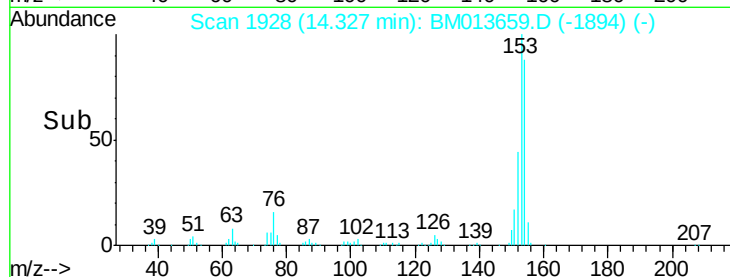
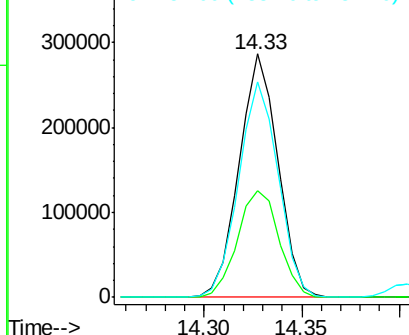
Tot Ion:	153	Resp:	394347
Ion Ratio	Lower	Upper	
153	100		
152	44.0	37.6	56.4
154	88.4	70.4	105.6

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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: 14.386 ng/ul

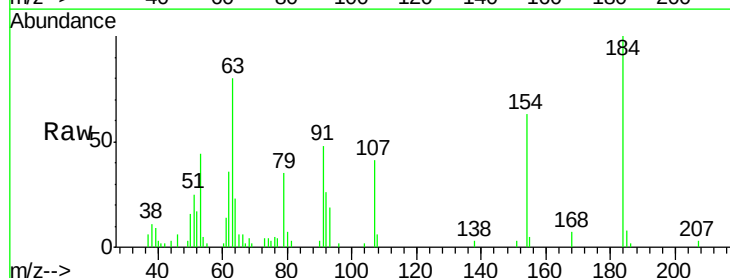
RT: 14.40 min Scan# 1941

Delta R.T. -0.01 min

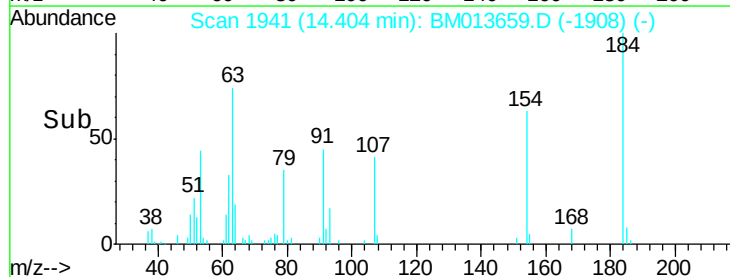
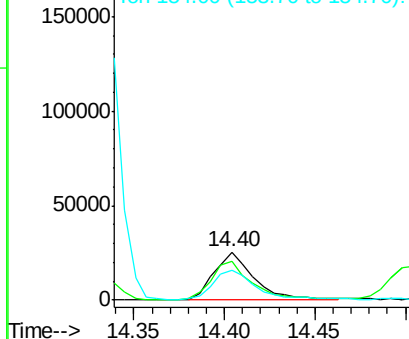
Lab File: BM013659.D

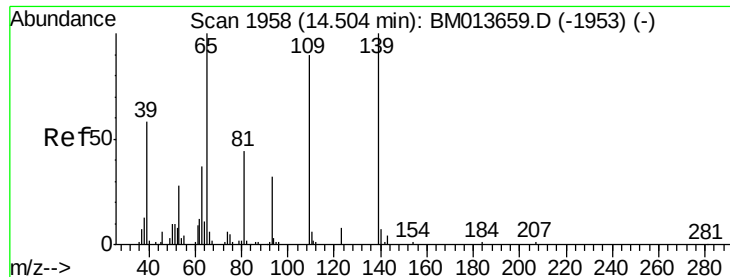
Acq: 19 Jan 2018 11:04

Tgt Ion:	184	Resp:	39080
Ion Ratio	Lower	Upper	
184	100		
63	80.4	50.1	75.1#
154	62.9	54.5	81.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM013659.D (-1908) (-)
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.651 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

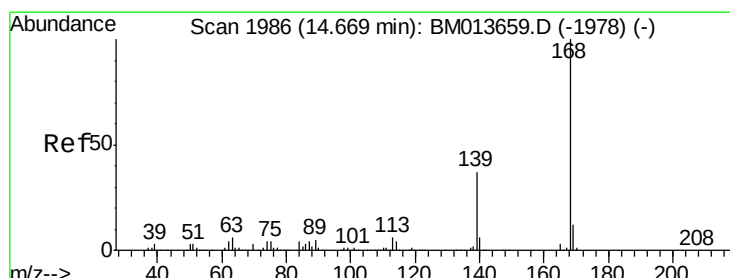
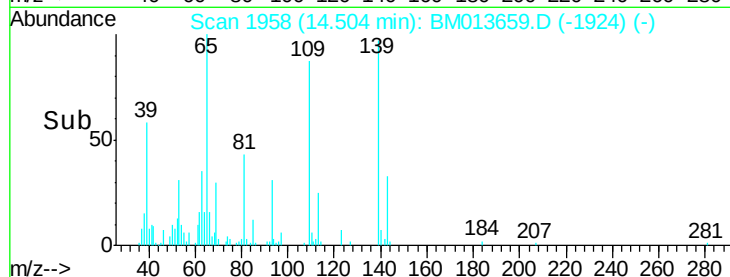
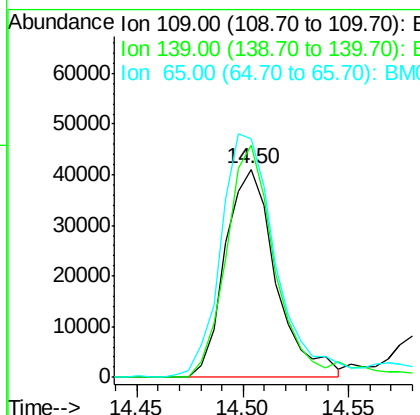
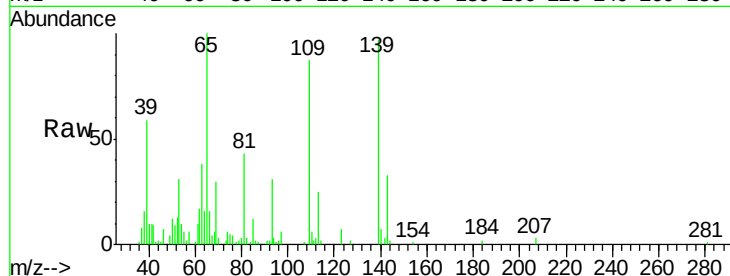
ClientSampleId :

SSTD02027

Tot Ion	Ratio	Lower	Upper
109	100		
139	111.1	80.0	120.0
65	114.5	120.0	180.0

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#53

Dibenzofuran

Concen: 19.097 ng/ul

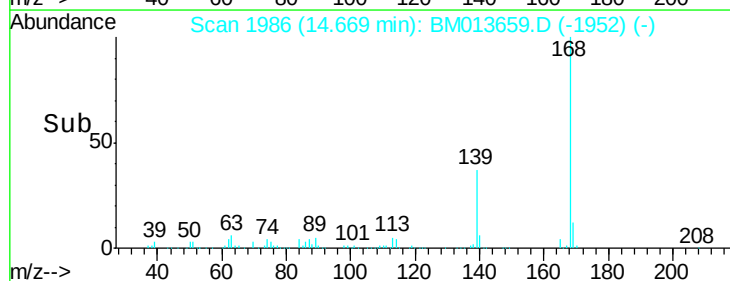
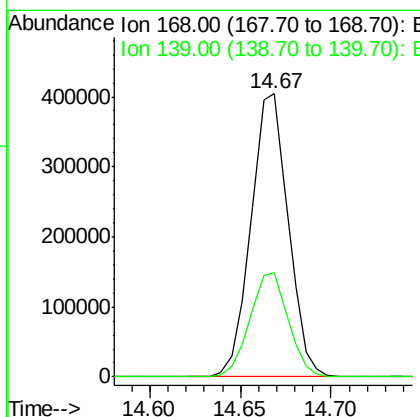
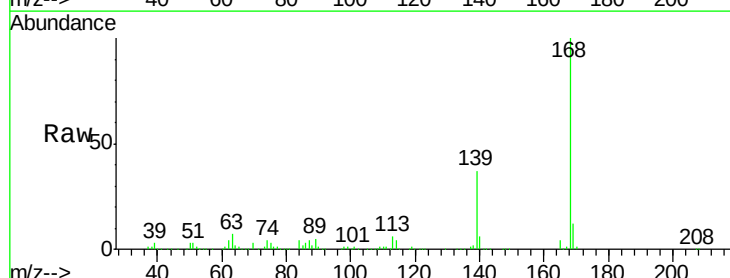
RT: 14.67 min Scan# 1986

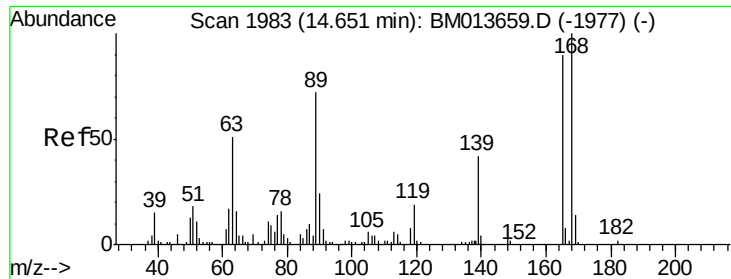
Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.8	46.2





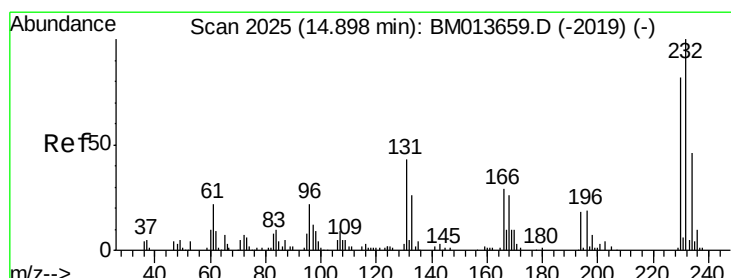
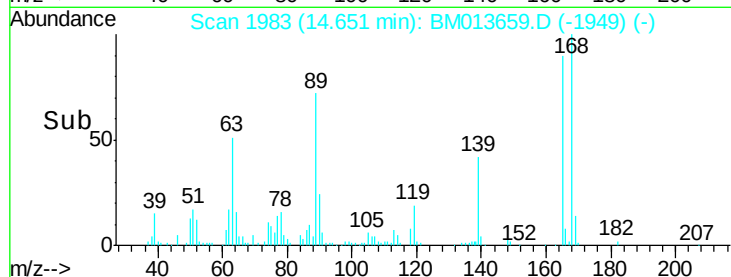
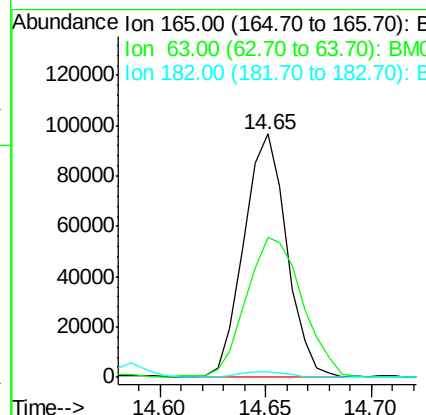
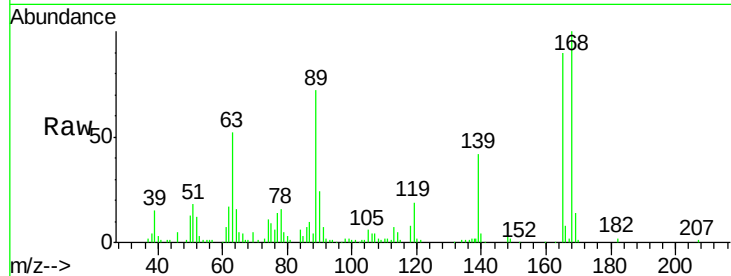
#54
2,4-Dinitrotoluene
Concen: 19.724 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	57.5	45.8	68.8
182	2.3	2.6	4.0#

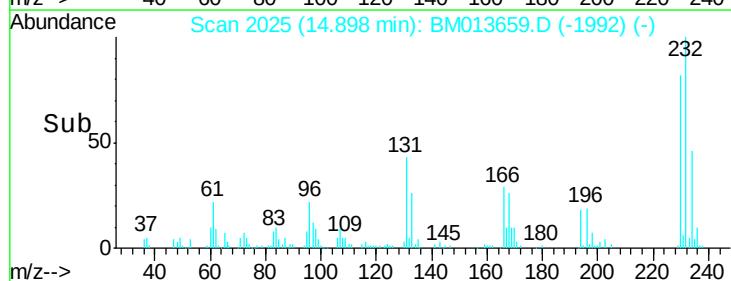
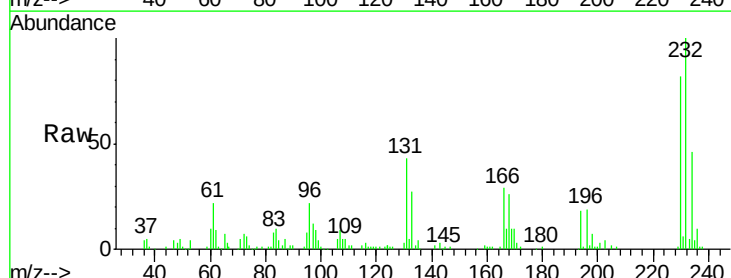
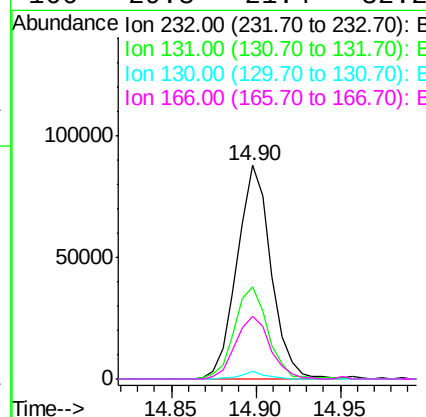
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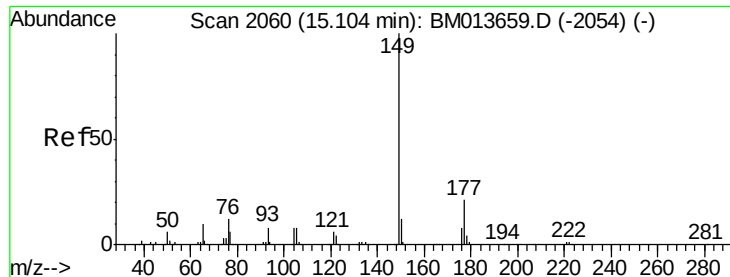
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#55
2,3,4,6-Tetrachlorophenol
Concen: 19.508 ng/ul
RT: 14.90 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	43.1	29.0	43.4
130	3.4	2.0	3.0#
166	29.3	21.4	32.2





#56

Diethylphthalate

Concen: 18.112 ng/ul

RT: 15.10 min Scan# 2060

Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

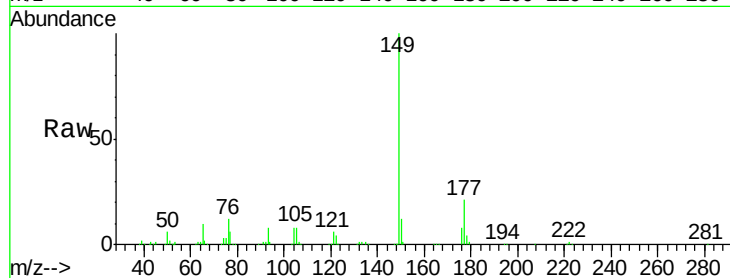
ClientSampleId :

SSTD02027

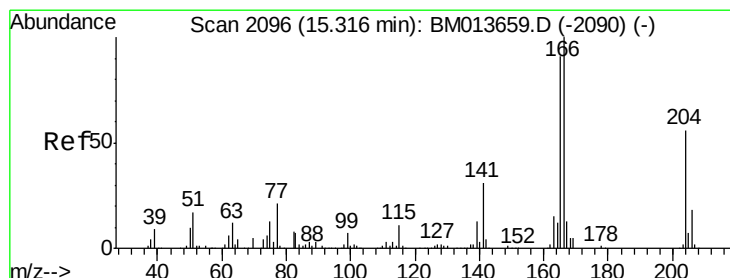
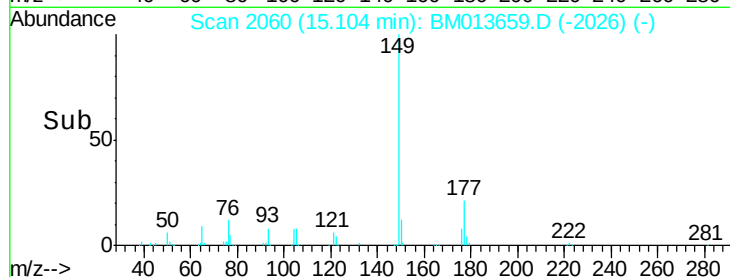
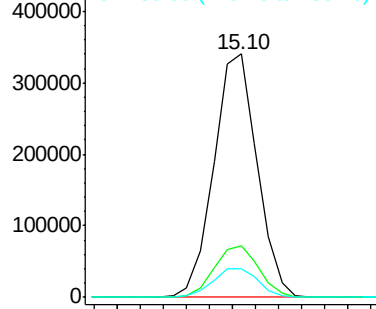
Tot Ion:	149	Resp:	445730
Ion Ratio	Lower	Upper	
149	100		
177	21.2	20.5	30.7
150	12.0	10.6	15.8

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



#58

Fluorene

Concen: 19.594 ng/ul

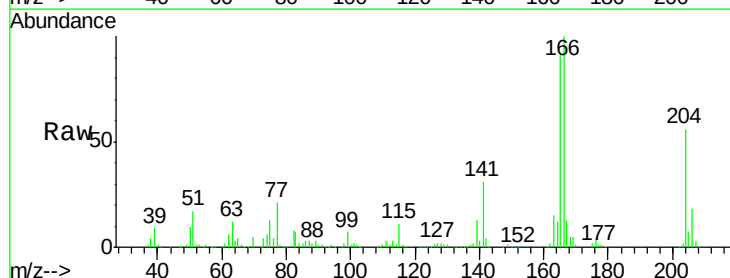
RT: 15.32 min Scan# 2096

Delta R.T. -0.01 min

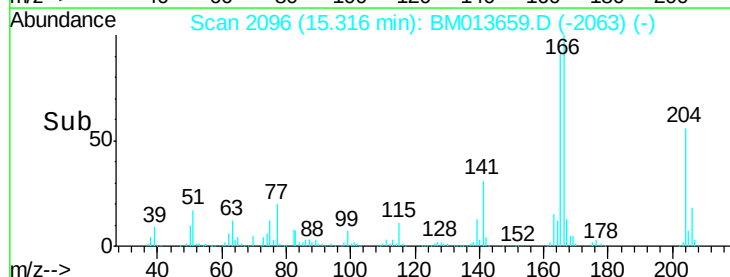
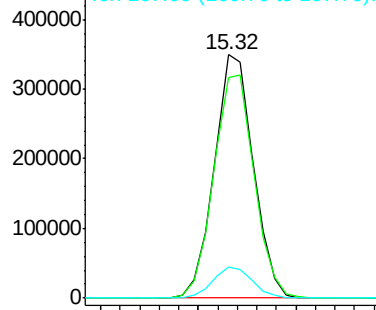
Lab File: BM013659.D

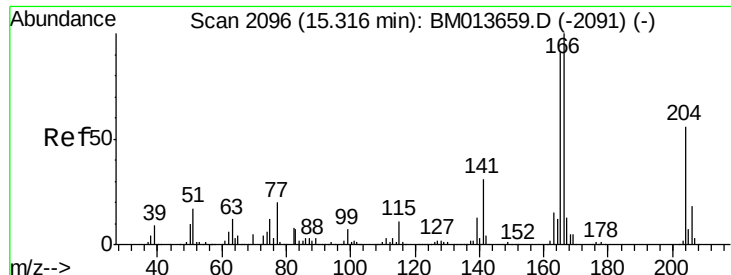
Acq: 19 Jan 2018 11:04

Tgt Ion:	166	Resp:	485277
Ion Ratio	Lower	Upper	
166	100		
165	90.8	77.9	116.9
167	12.6	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





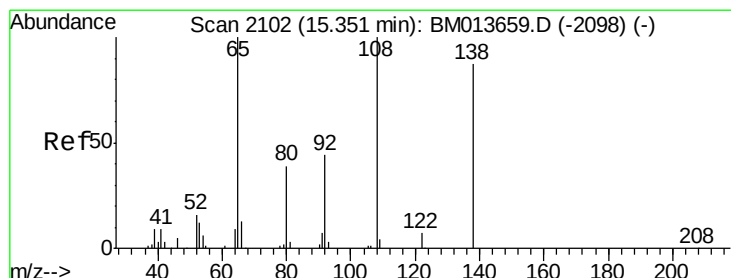
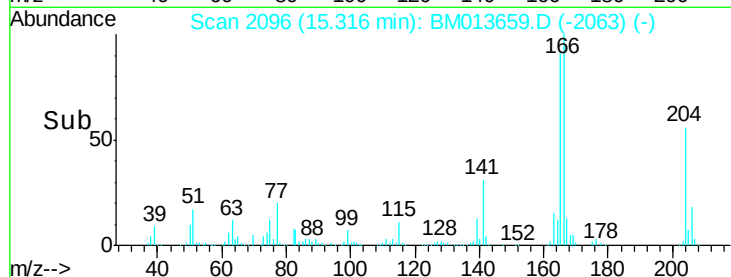
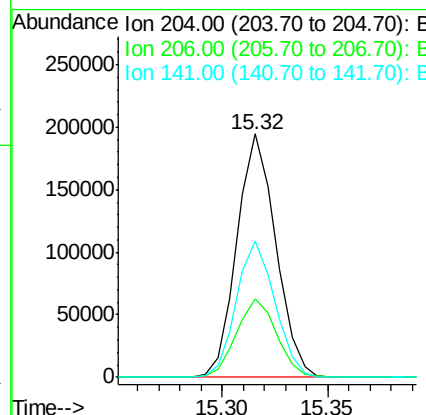
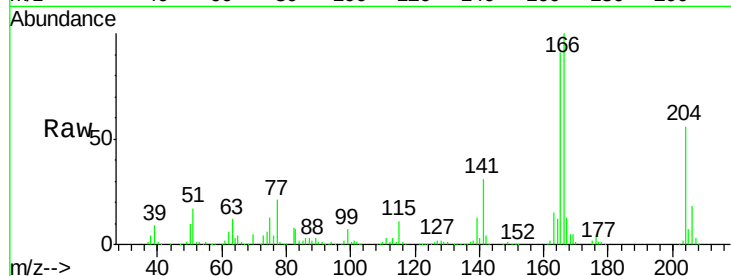
#59
4-Chlorophenyl-phenylether
Concen: 18.555 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampled :
SSTD02027

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	24.8	37.2
141	56.1	44.3	66.5

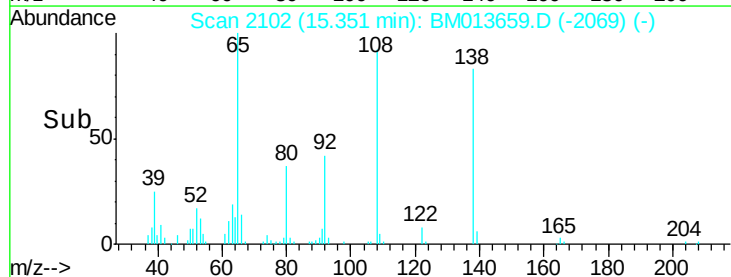
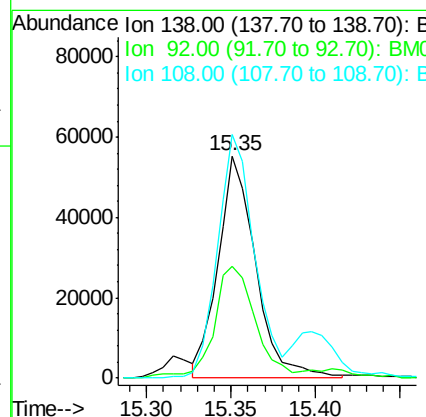
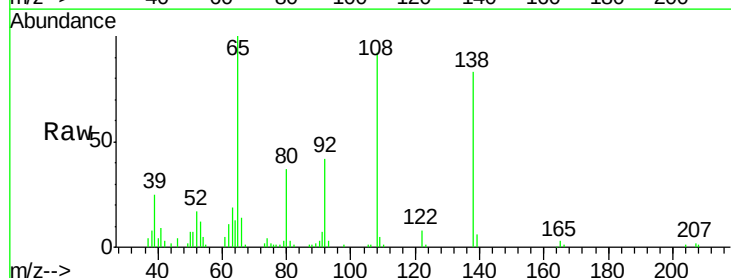
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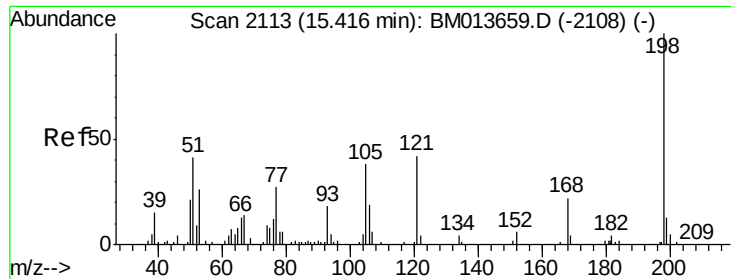
Sohil
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#60
4-Nitroaniline
Concen: 19.715 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	40.0	60.0
108	109.6	80.0	120.0





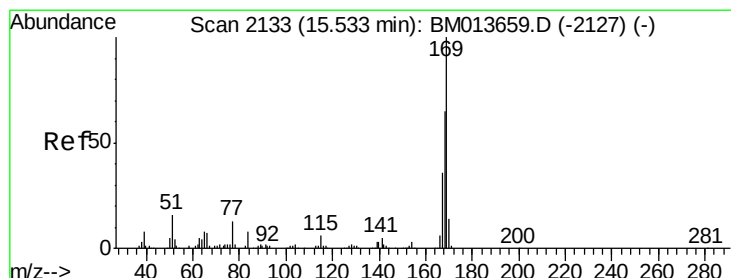
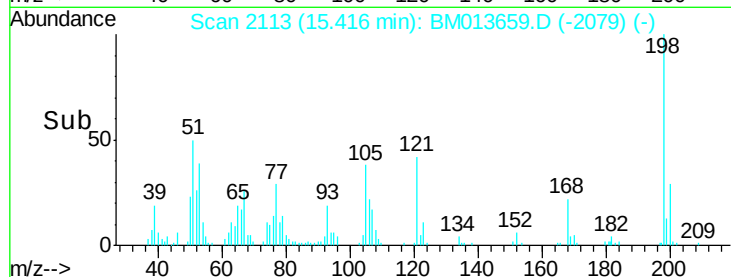
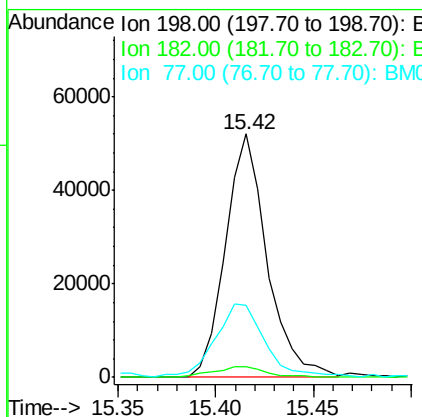
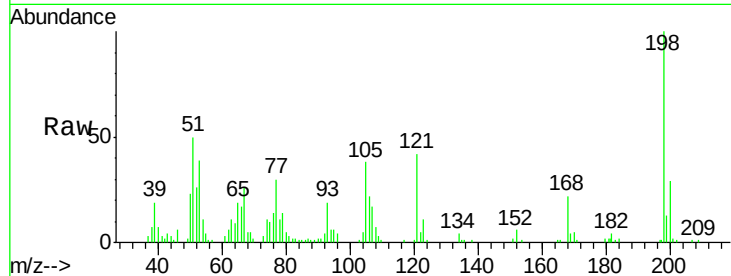
#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.083 ng/ul
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Instrument :
 BNA_M
 ClientSampleId :
 SST02027

Tot Ion	Ratio	Resp	Lower	Upper
198	100	76986		
182	4.4		3.8	5.6
77	29.5		25.2	37.8

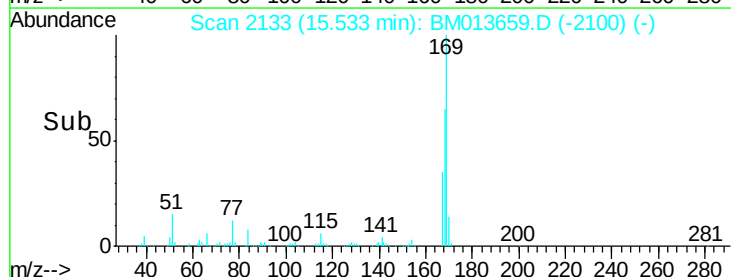
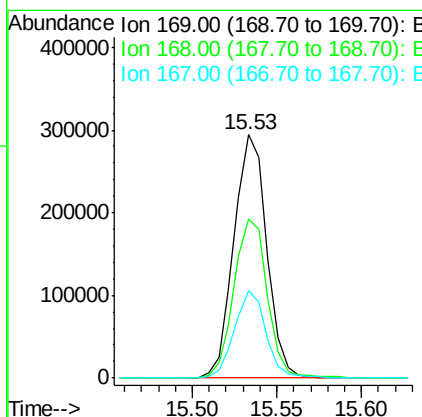
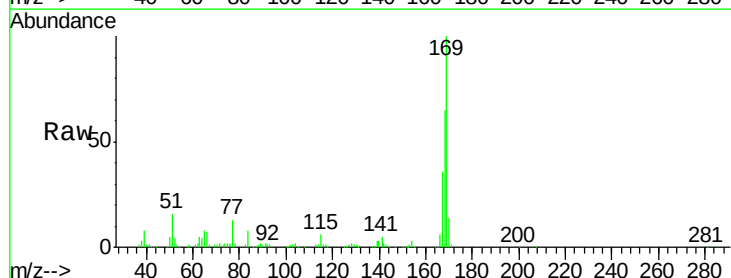
Manual Integrations
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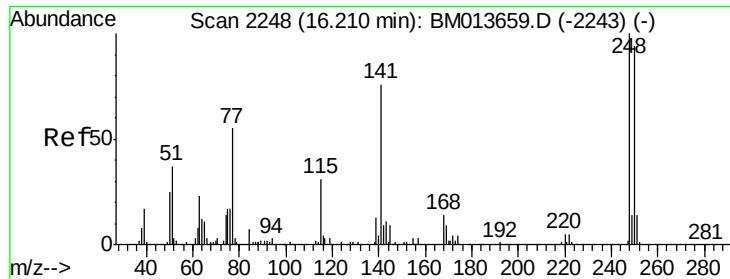
Sohil
 1/22/2018 8:29:15 AM



#64
 N-Nitrosodiphenylamine
 Concen: 20.096 ng/ul
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	396049		
168	65.3		54.0	81.0
167	36.2		29.1	43.7





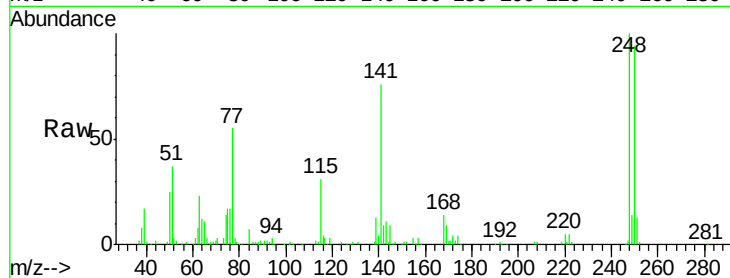
#65
4-Bromophenyl-phenylether
Concen: 19.639 ng/ul
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampled :
SSTD02027

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.2	80.5	120.7
141	75.8	53.6	80.4

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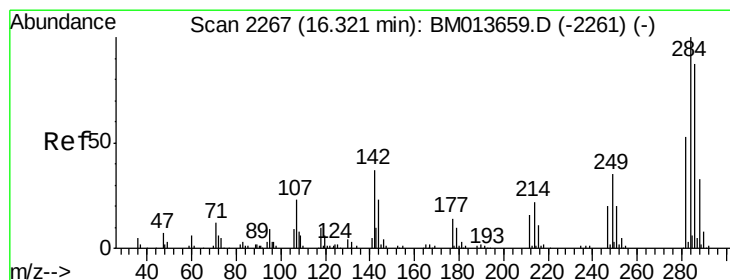
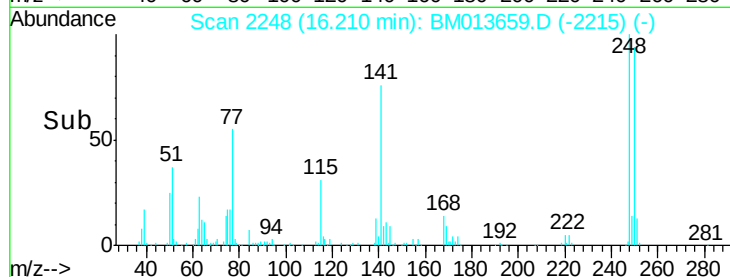
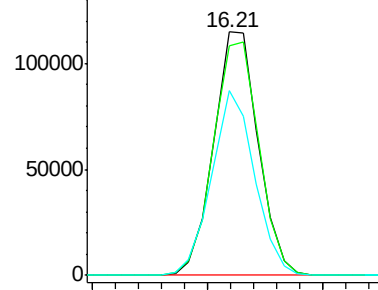


Abundance

Ion 248.00 (247.70 to 248.70): E

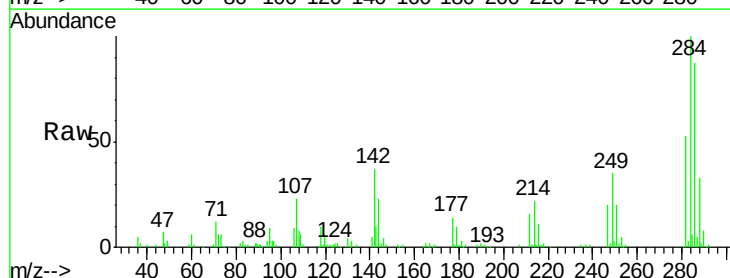
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66
Hexachlorobenzene
Concen: 19.822 ng/ul
RT: 16.32 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	21.2	31.8#
249	34.5	24.5	36.7

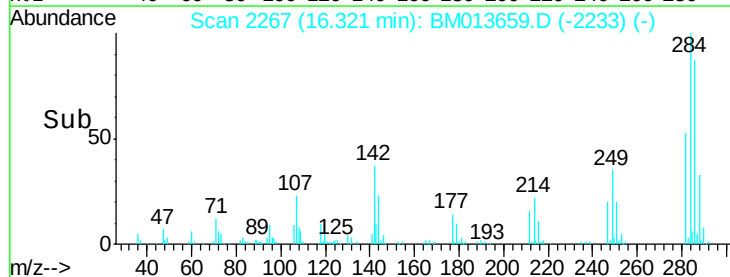
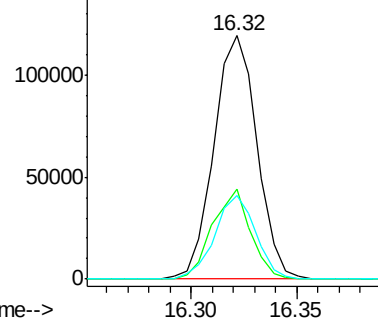


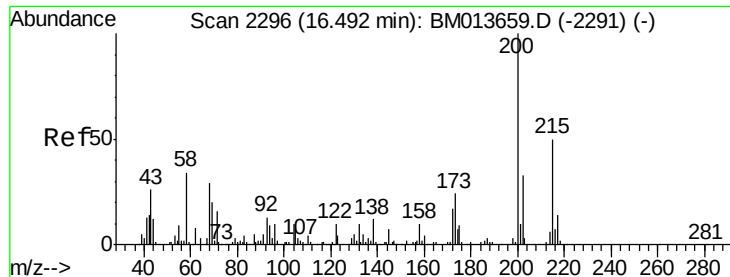
Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 19.372 ng/ul

RT: 16.49 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

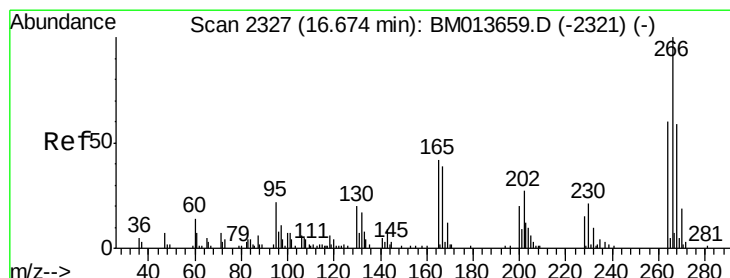
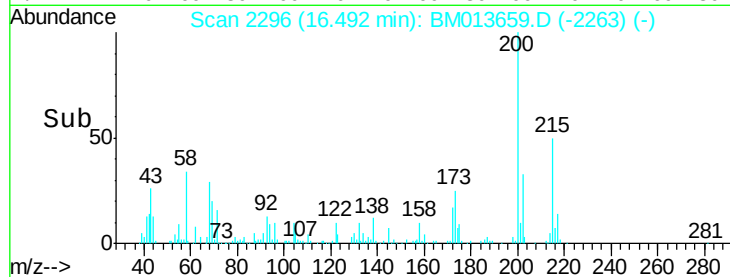
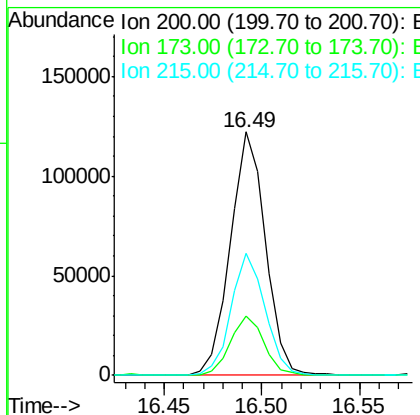
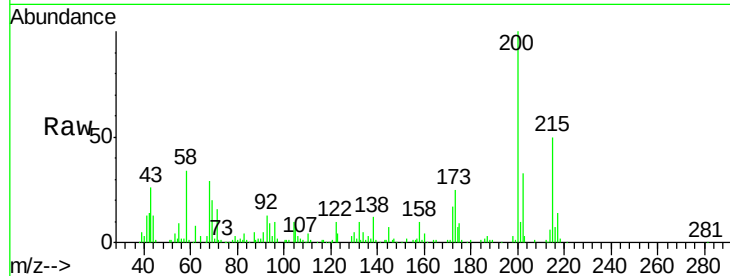
ClientSampleId :

SSTD02027

Tot Ion:	200	Resp:	152369
Ion Ratio	Lower	Upper	
200	100		
173	24.6	18.2	27.2
215	50.1	35.0	52.4

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#68

Pentachlorophenol

Concen: 18.208 ng/ul

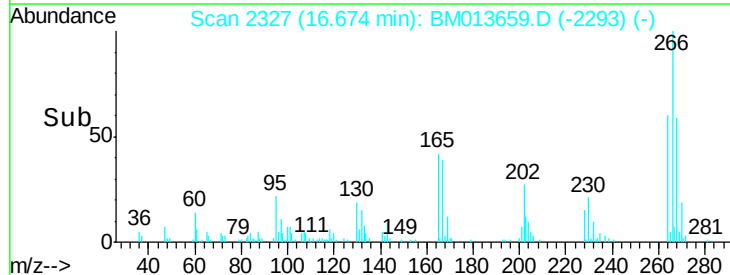
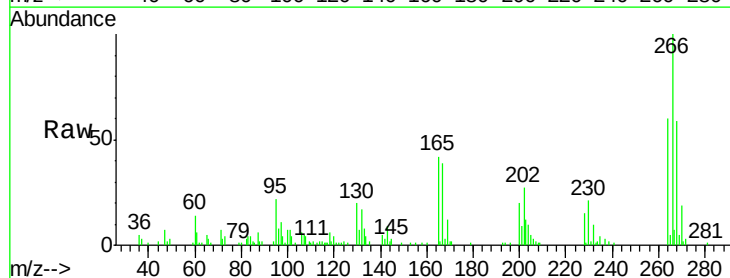
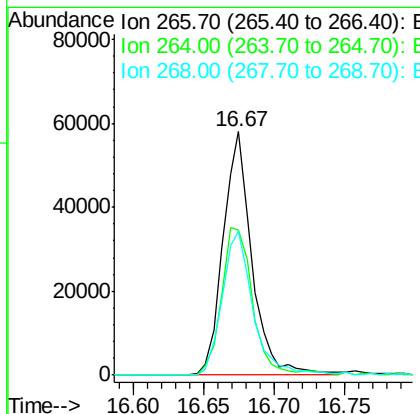
RT: 16.67 min Scan# 2327

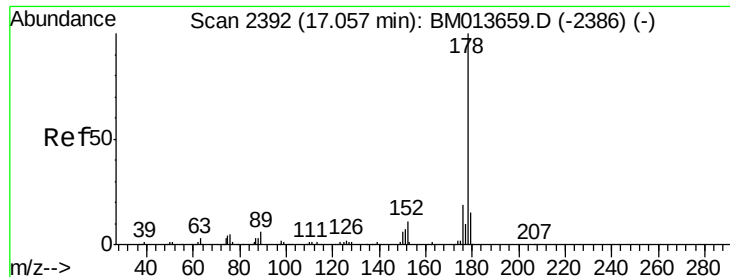
Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Tgt Ion:	266	Resp:	82426
Ion Ratio	Lower	Upper	
266	100		
264	59.7	49.3	73.9
268	58.9	52.6	78.8





#69

Phenanthrene

Concen: 19.795 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

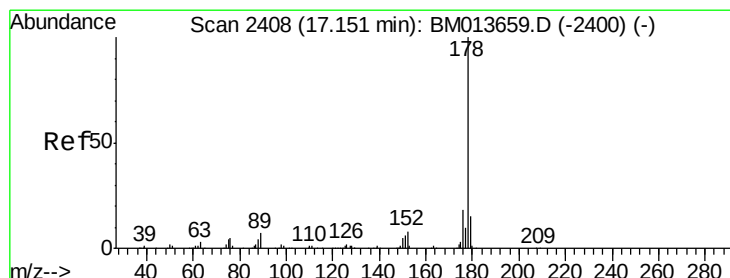
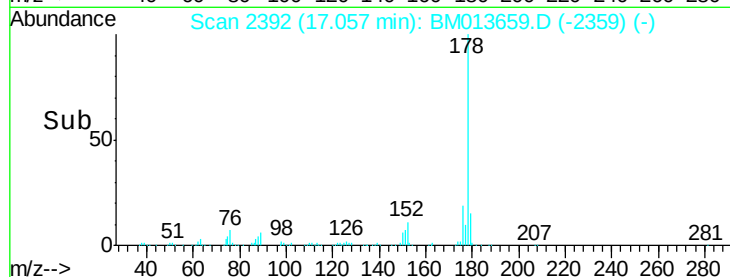
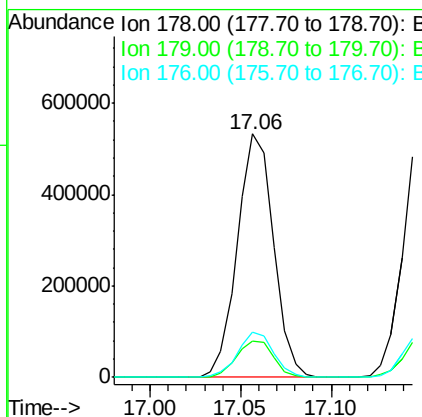
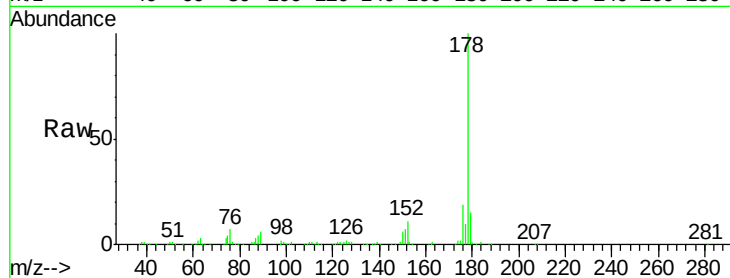
ClientSampleId :

SSTD02027

Tot Ion:	178	Resp:	737312
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.6	19.0
176	18.8	14.9	22.3

Manual Integrations
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#71

Anthracene

Concen: 19.871 ng/ul

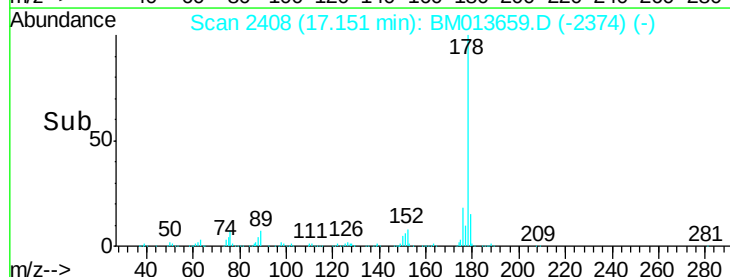
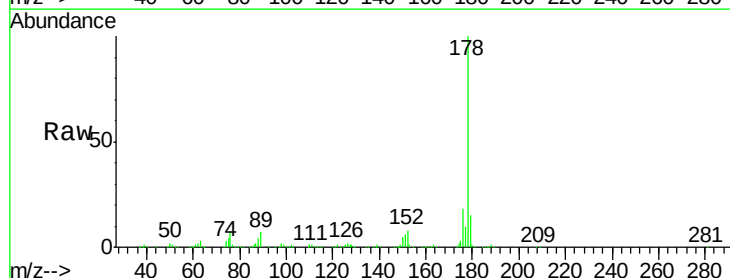
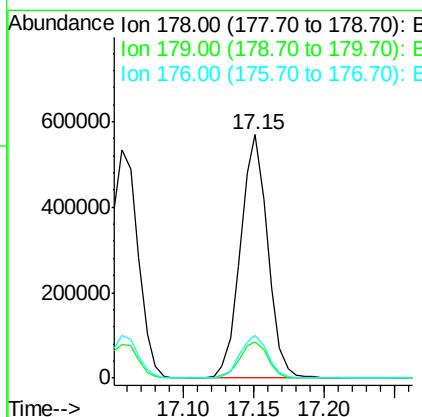
RT: 17.15 min Scan# 2408

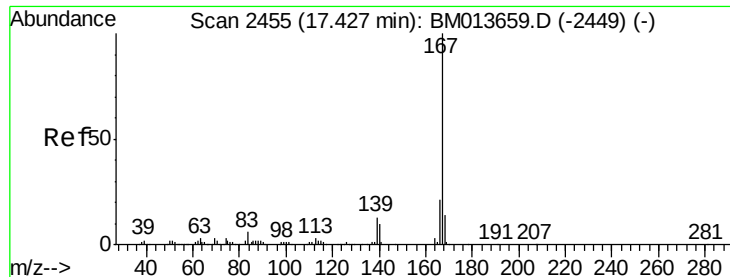
Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Tgt Ion:	178	Resp:	763399
Ion Ratio	Lower	Upper	
178	100		
179	14.8	11.7	17.5
176	17.6	14.6	21.8





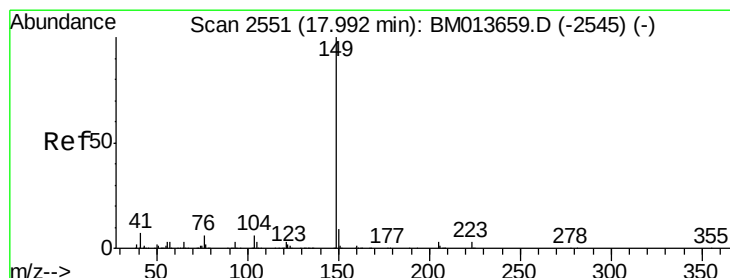
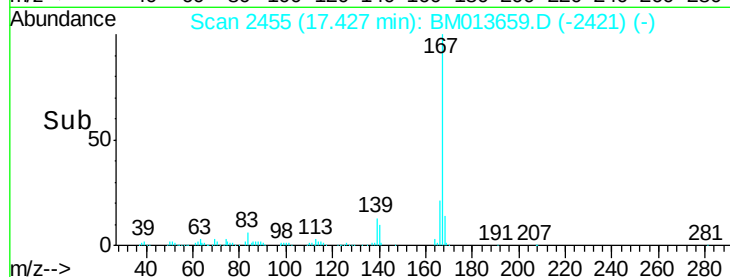
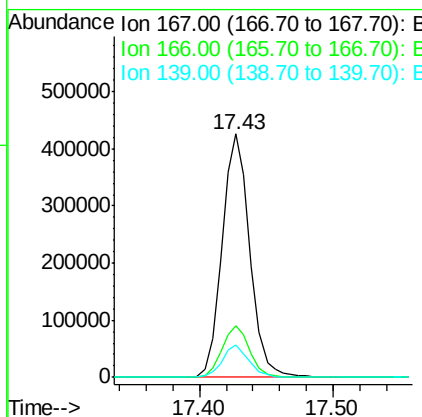
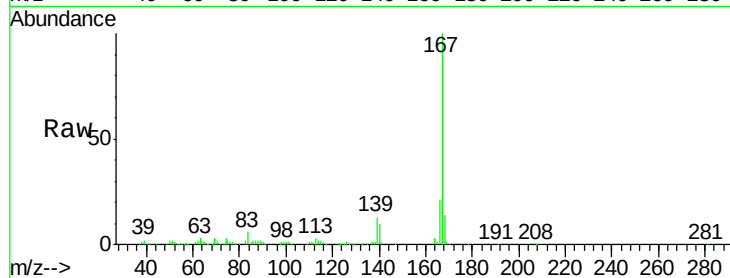
#72
 Carbazole
 Concen: 19.500 ng/ul
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02027

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	13.3	10.0	15.0

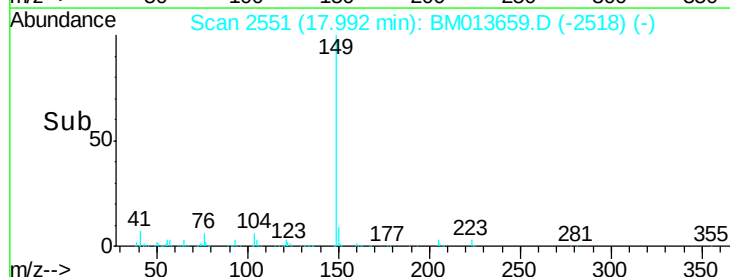
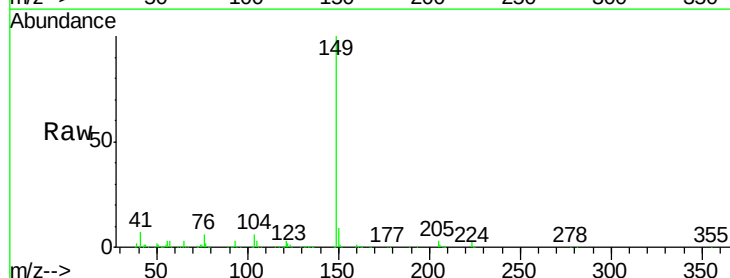
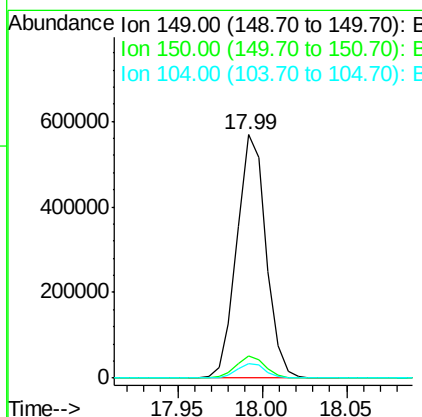
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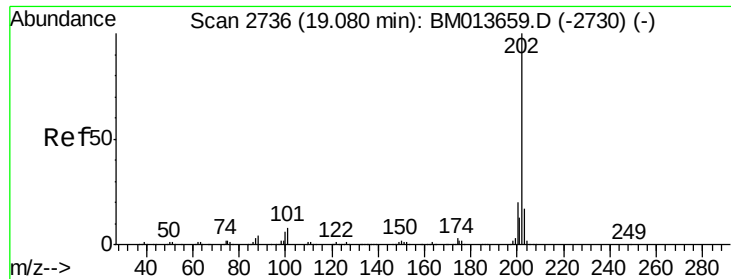
Sohil
 1/22/2018 8:29:15 AM



#73
 Di-n-butylphthalate
 Concen: 18.370 ng/ul
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.1	10.7
104	6.2	5.6	8.4





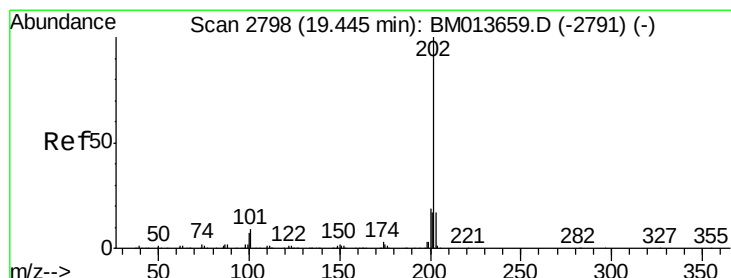
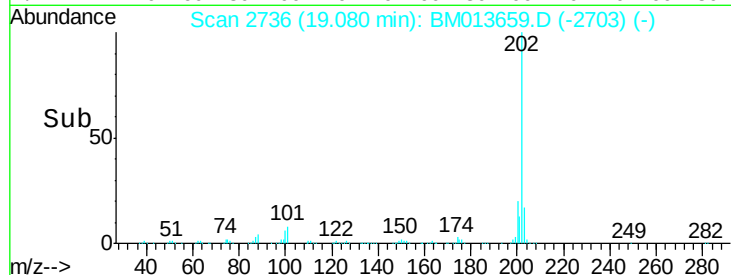
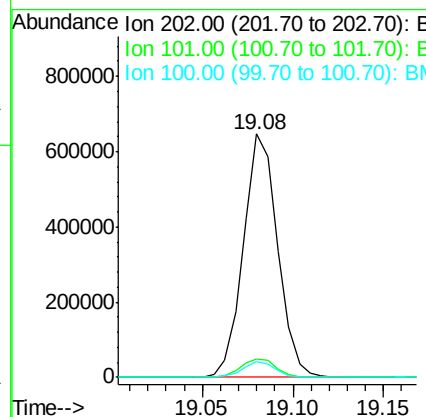
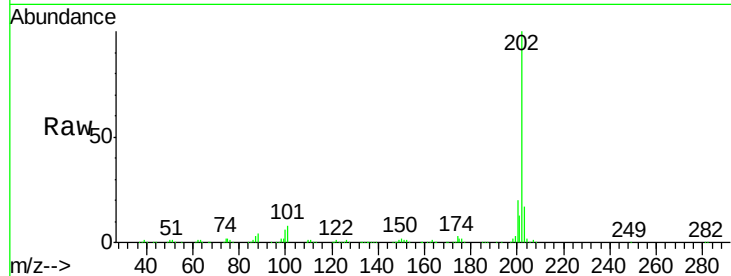
#74
 Fluoranthene
 Concen: 19.063 ng/ul
 RT: 19.08 min Scan# 2736
 Delta R.T. -0.01 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02027

Tot Ion	Ratio	Resp	Lower	Upper
202	100	847549		
101	7.8	4.6	7.0#	
100	6.2	3.4	5.2#	

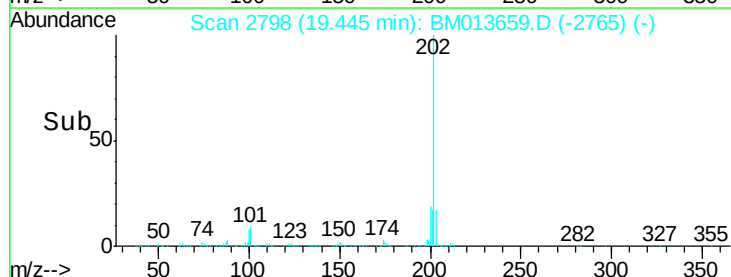
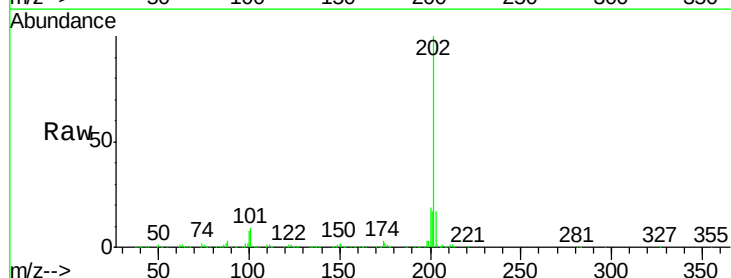
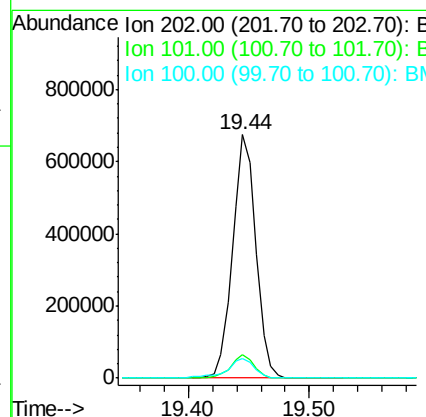
Manual Integrations
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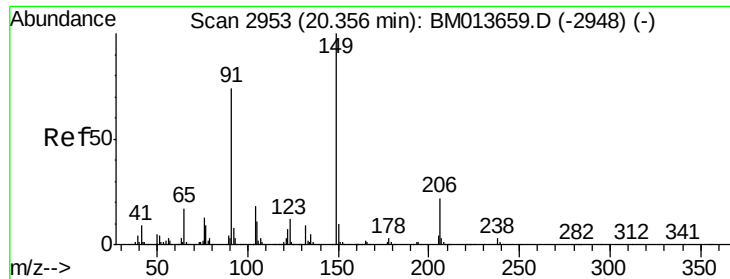
Sohil
 1/22/2018 8:29:15 AM



#77
 Pyrene
 Concen: 20.232 ng/ul
 RT: 19.44 min Scan# 2798
 Delta R.T. -0.01 min
 Lab File: BM013659.D
 Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	900939		
101	9.5	5.1	7.7#	
100	8.0	4.9	7.3#	





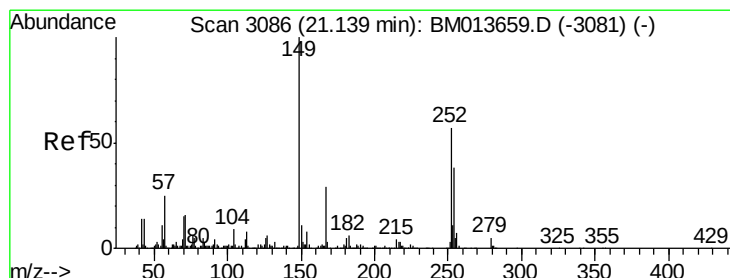
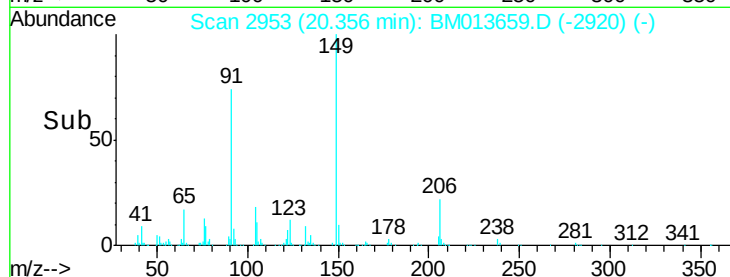
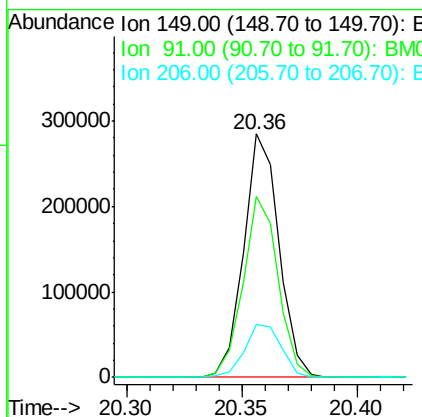
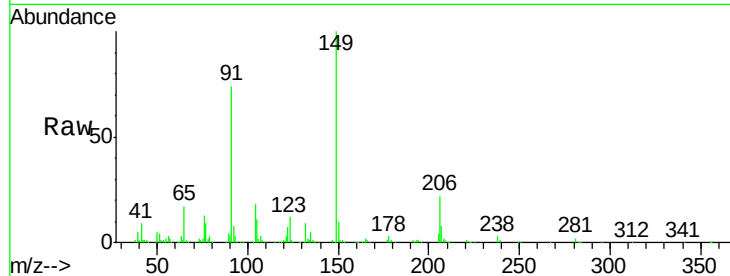
#78
Butylbenzylphthalate
Concen: 19.384 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.2	62.7	94.1
206	21.6	20.8	31.2

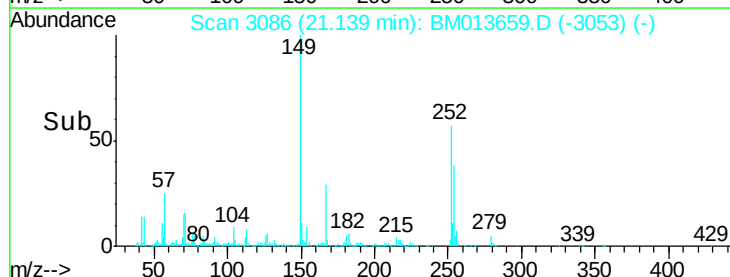
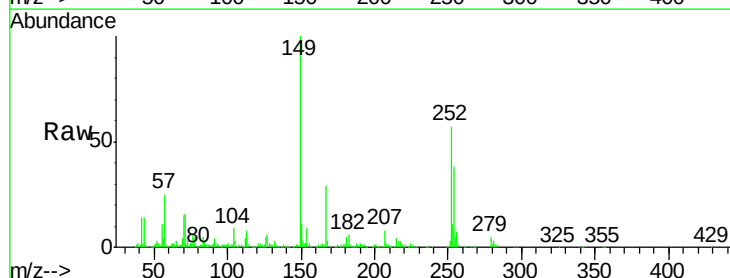
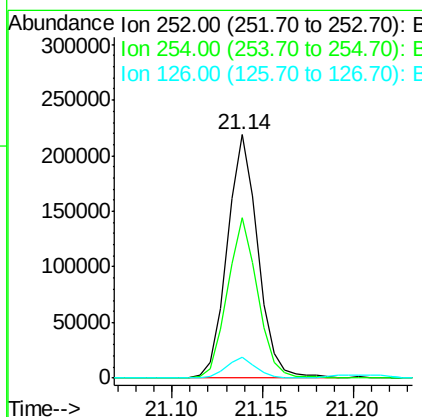
Manual Integrations
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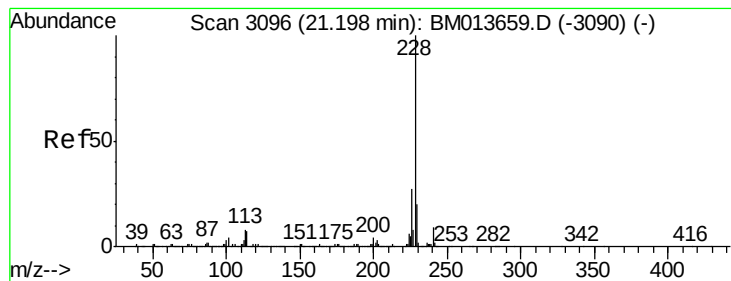
Sohil
1/22/2018 8:29:15 AM



#79
3,3'-Dichlorobenzidine
Concen: 21.246 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	54.5	81.7
126	8.8	5.8	8.8#





#80

Benzo(a)anthracene

Concen: 20.183 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

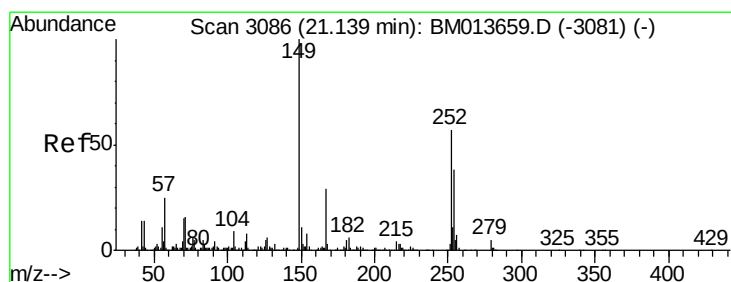
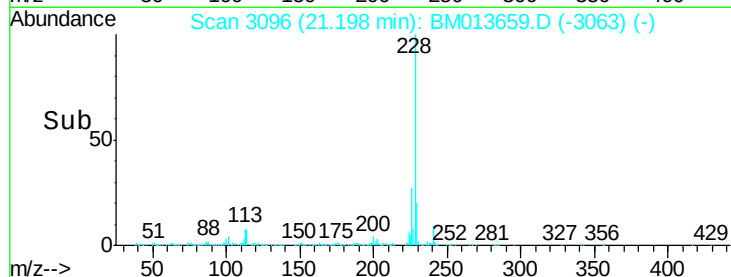
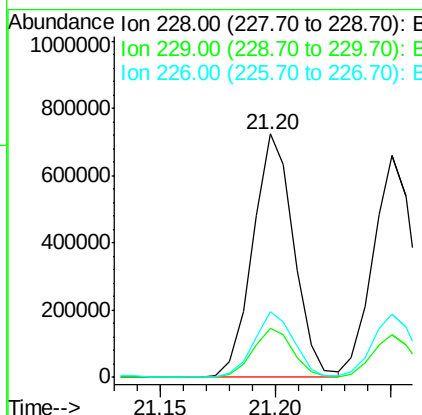
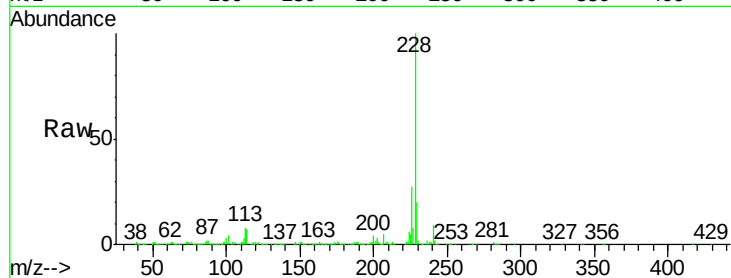
ClientSampleId :

SSTD02027

Tot Ion:	228	Resp:	893308
Ion Ratio		Lower	Upper
228	100		
229	20.1	15.4	23.0
226	26.9	21.4	32.0

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#81

Bis(2-ethylhexyl)phthalate

Concen: 18.091 ng/ul

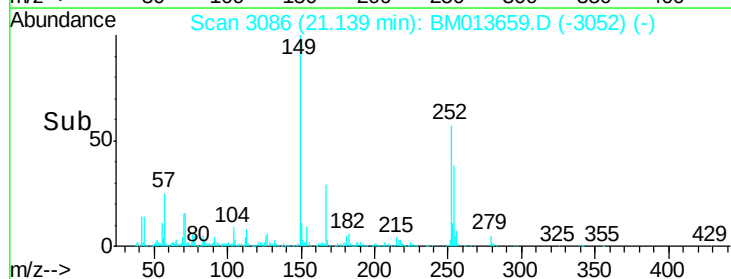
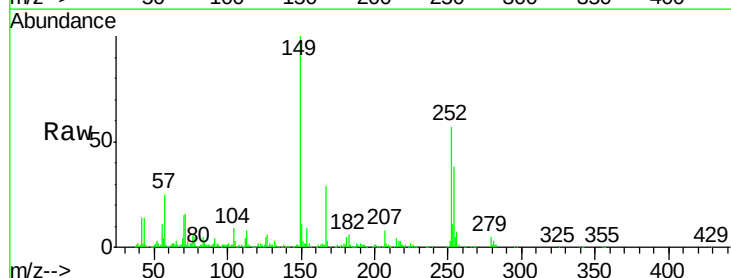
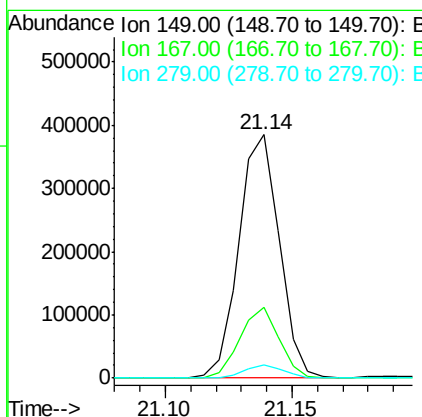
RT: 21.14 min Scan# 3086

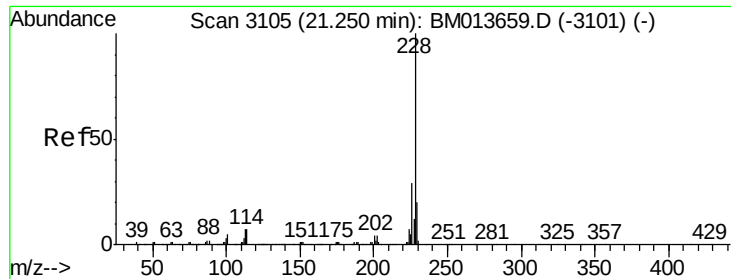
Delta R.T. -0.00 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Tgt Ion:	149	Resp:	425761
Ion Ratio		Lower	Upper
149	100		
167	29.0	22.8	34.2
279	5.4	4.9	7.3





#82

Chrysene

Concen: 19.753 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

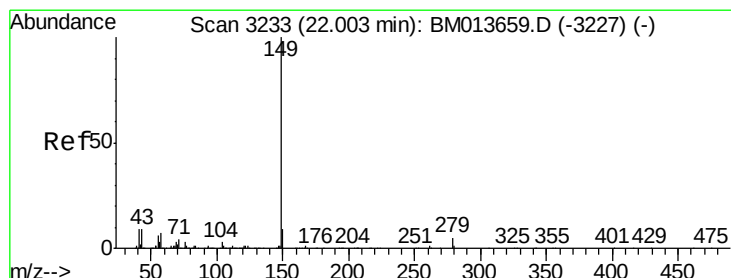
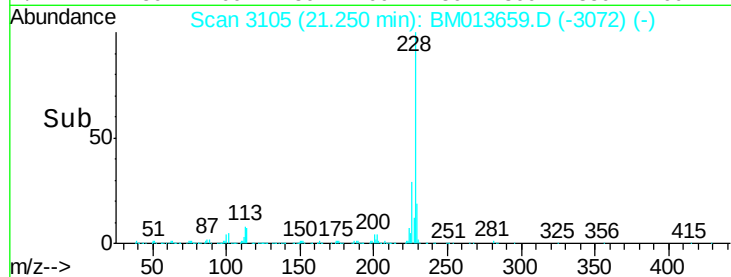
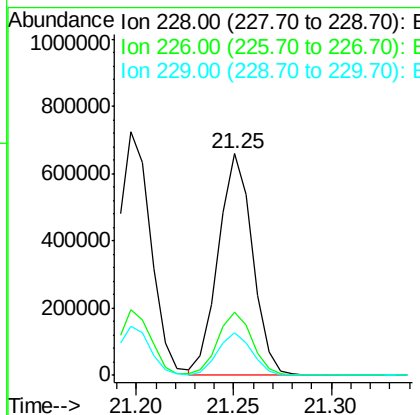
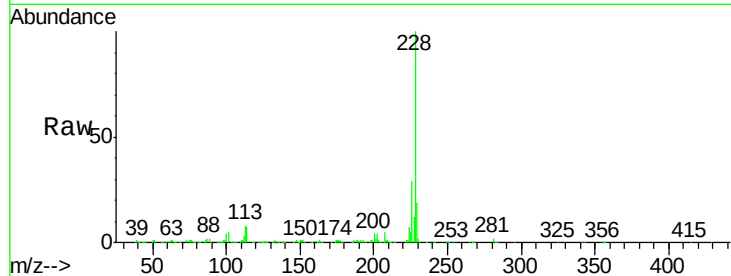
ClientSampled :

SSTD02027

Tot Ion:	228	Resp:	802041
Ion Ratio		Lower	Upper
228	100		
226	28.6	23.4	35.2
229	19.4	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 16.613 ng/ul

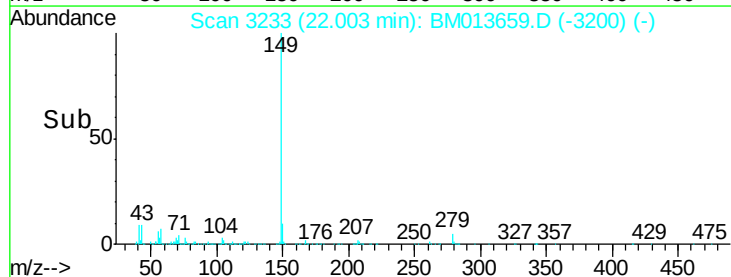
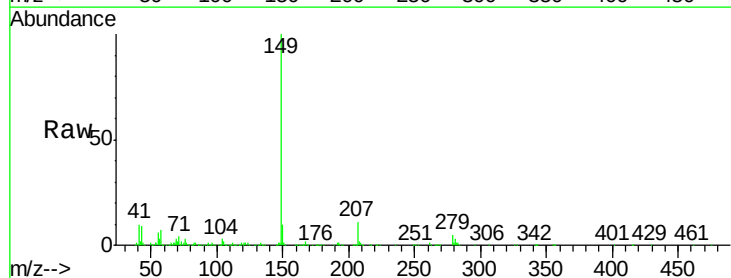
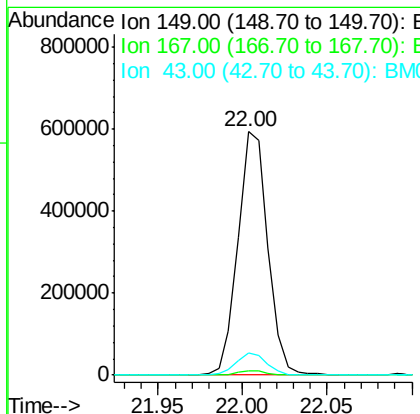
RT: 22.00 min Scan# 3233

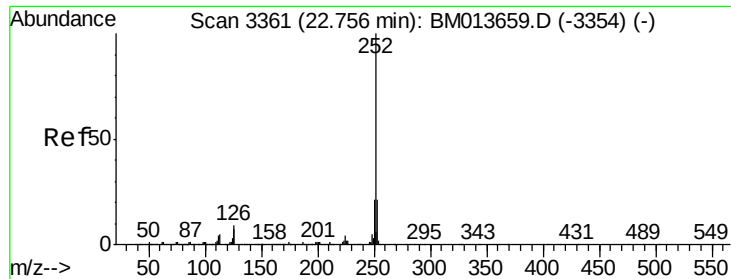
Delta R.T. -0.01 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Tgt Ion:	149	Resp:	726112
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.1	7.3	10.9





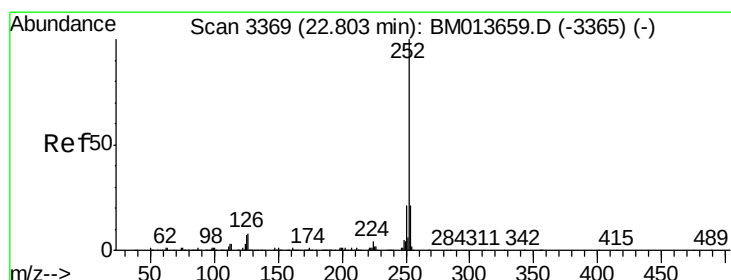
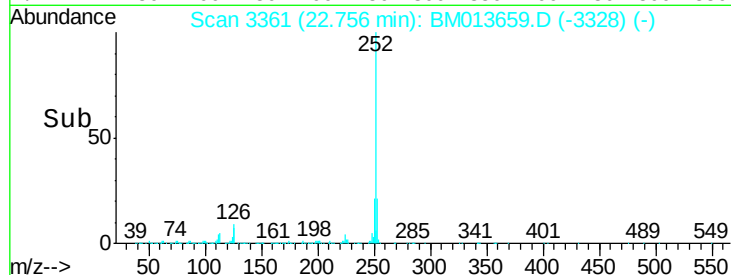
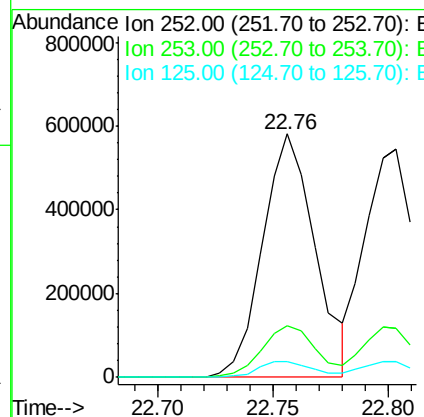
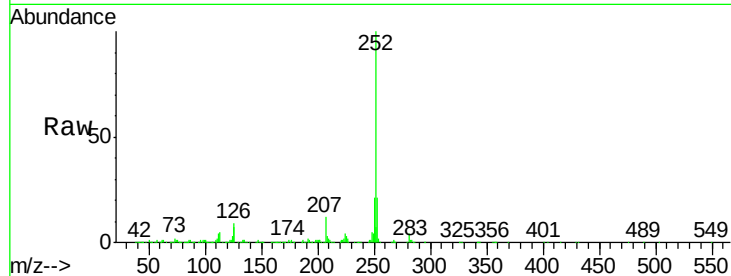
#85
Benzo(b)fluoranthene
Concen: 20.552 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.9	26.9
125	6.7	3.6	5.4

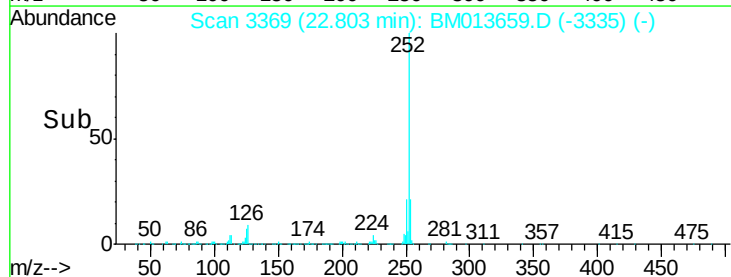
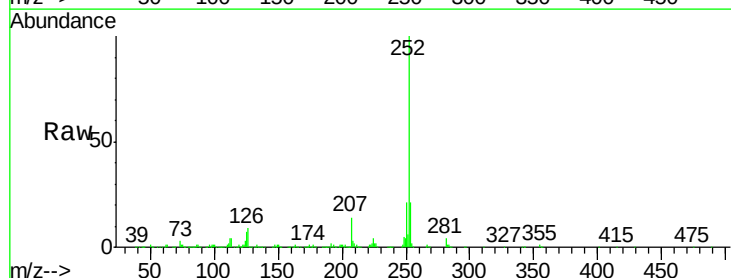
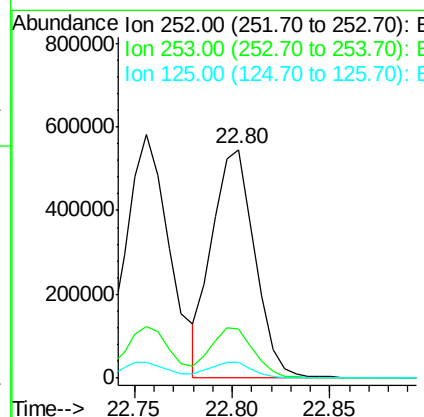
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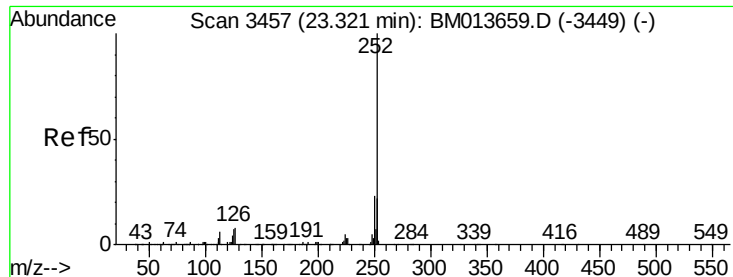
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#86
Benzo(k)fluoranthene
Concen: 19.166 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. -0.00 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	7.0	3.4	5.2





#88

Benzo(a)pyrene

Concen: 19.676 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Instrument :

BNA_M

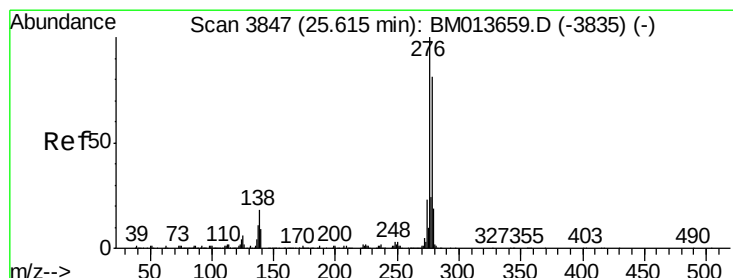
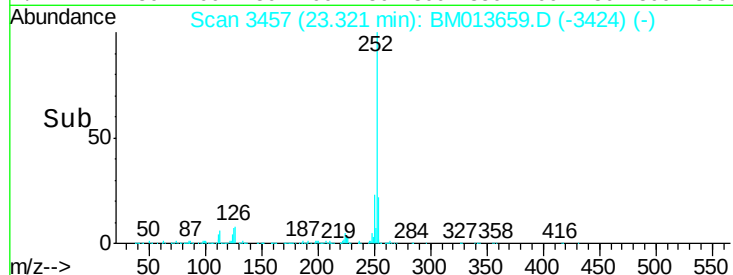
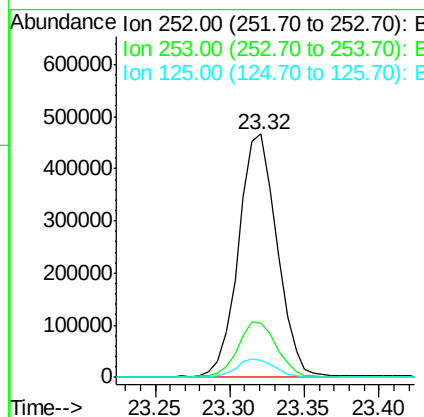
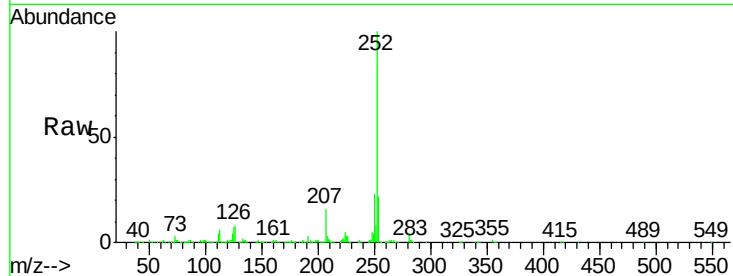
ClientSampleId :

SSTD02027

Tot Ion:	252	Resp:	827903
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.2	27.2
125	7.0	4.0	6.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 19.535 ng/ul

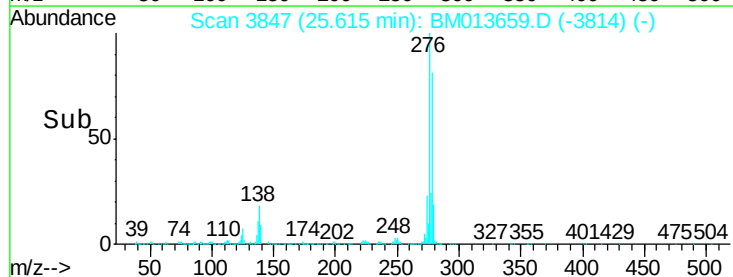
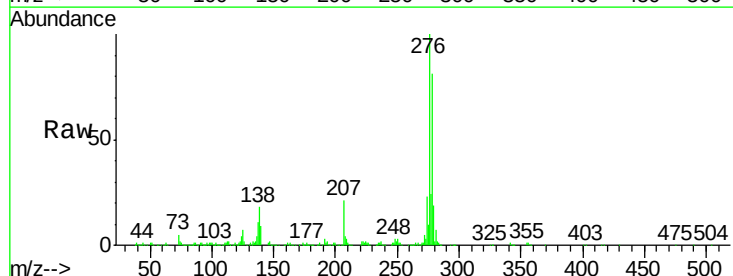
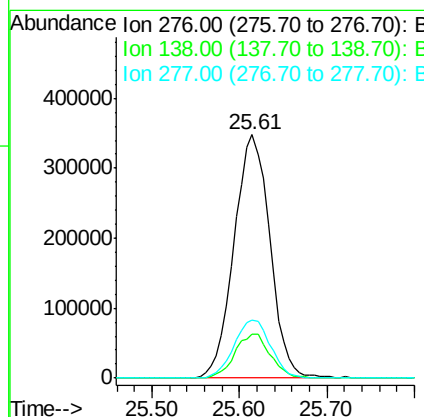
RT: 25.61 min Scan# 3847

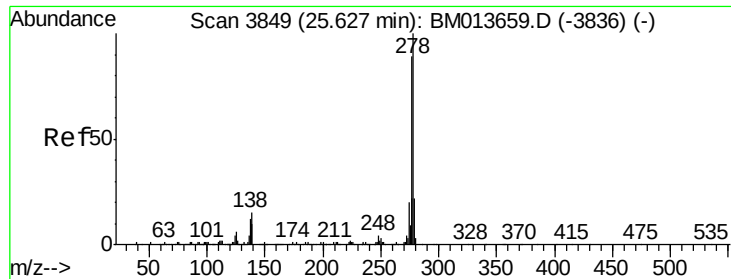
Delta R.T. -0.01 min

Lab File: BM013659.D

Acq: 19 Jan 2018 11:04

Tgt Ion:	276	Resp:	970260
Ion Ratio	Lower	Upper	
276	100		
138	18.3	9.3	13.9
277	23.6	19.9	29.9





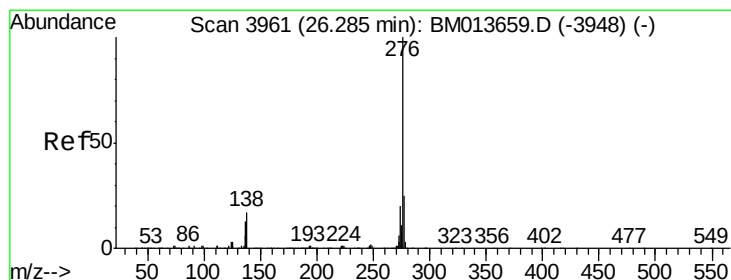
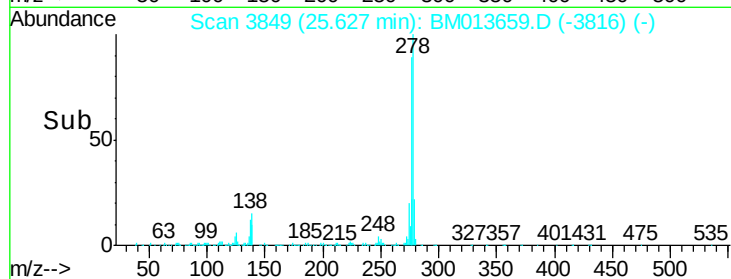
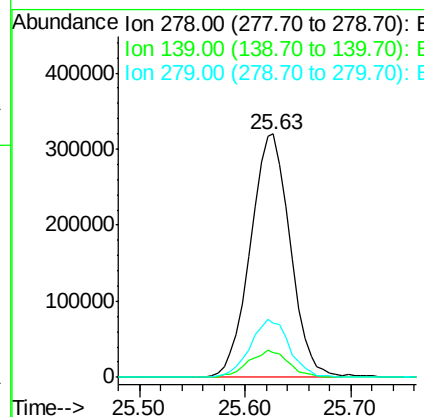
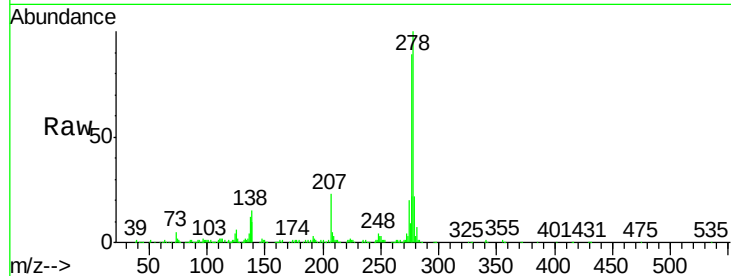
#90
Dibenzo(a,h)anthracene
Concen: 19.973 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.1	5.8	8.8#
279	22.3	18.6	27.8

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#91
Benzo(g,h,i)perylene
Concen: 19.927 ng/ul
RT: 26.29 min Scan# 3961
Delta R.T. -0.01 min
Lab File: BM013659.D
Acq: 19 Jan 2018 11:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	8.5	12.7#
277	24.7	18.6	28.0

