

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011918\
 Data File : BM013669.D
 Acq On : 19 Jan 2018 17:50
 Operator : SJ/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02028

Manual Integrations
 APPROVED

Sohil
 1/22/2018 8:29:18 AM

Quant Time: Jan 19 18:23:36 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 19 13:15:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	561388	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	315472	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	716835	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	742467	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	721150	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	20970	5.83	ng/uL	0.00
5) Phenol-d5	6.79	99	210755	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	122633	18.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	181442	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	168980	20.16	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	87995	20.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	94941	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	181454	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	190849	24.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	512713	19.72	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	666638	20.10	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	77329	18.30	ng/ul	0.00
57) Fluorene-d10	15.26	176	457711	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	79901	18.52	ng/ul	0.00
70) Anthracene-d10	17.12	188	685981	19.65	ng/ul	0.00
76) Pyrene-d10	19.42	212	753562	21.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	675093	20.37	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.19	88	25174	6.394	ng/uL# 55
4) Benzaldehyde	6.77	77	151195	20.034	ng/ul 86
6) Phenol	6.82	94	219532	20.071	ng/ul# 83
8) Bis(2-Chloroethyl)ether	7.05	93	167540	19.575	ng/ul 97
10) 2-Chlorophenol	7.18	128	177202	20.009	ng/ul 94
11) 2-Methylphenol	8.06	108	159250	19.751	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	165194	18.968	ng/ul# 79
14) Acetophenone	8.43	105	273332	19.703	ng/ul 88
15) N-Nitroso-di-n-propylamine	8.42	70	131990	19.502	ng/ul# 69
16) 4-Methylphenol	8.39	108	172374	19.994	ng/ul 98
17) Hexachloroethane	8.67	117	80458	18.664	ng/ul# 75
20) Nitrobenzene	8.81	77	215988	19.194	ng/ul 96
21) Isophorone	9.33	82	347840	19.131	ng/ul 96
23) 2-Nitrophenol	9.52	139	97163	20.255	ng/ul# 77
24) 2,4-Dimethylphenol	9.58	107	204683	20.239	ng/ul 91
25) Bis(2-Chloroethoxy)methane	9.82	93	210441	18.986	ng/ul 94
27) 2,4-Dichlorophenol	10.05	162	176438	20.589	ng/ul 93
28) Naphthalene	10.44	128	572828	20.510	ng/ul 97
30) 4-Chloroaniline	10.56	127	188257	24.609	ng/ul 91
31) Hexachlorobutadiene	10.72	225	129332	18.386	ng/ul 96
32) Caprolactam	11.34	113	48732m	20.442	ng/ul
33) 4-Chloro-3-methylphenol	11.70	107	173698	19.995	ng/ul 86
34) 2-Methylnaphthalene	12.06	142	411512	19.763	ng/ul 96

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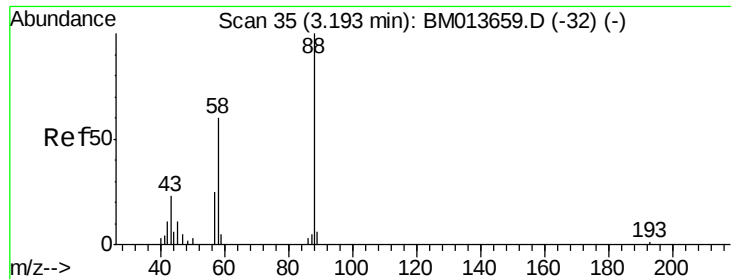
Manual Integrations
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Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	237979	20.359	ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	71445	14.722	ng/ul#	93
38) 2,4,6-Trichlorophenol	12.69	196	142441	21.052	ng/ul	99
39) 2,4,5-Trichlorophenol	12.76	196	152516	21.662	ng/ul	96
40) 1,1'-Biphenyl	13.09	154	529041	20.146	ng/ul	96
41) 2-Chloronaphthalene	13.13	162	423869	20.649	ng/ul	98
42) 2-Nitroaniline	13.35	65	112551	19.877	ng/ul	92
44) Dimethylphthalate	13.73	163	495055	19.365	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	103010	20.793	ng/ul	96
47) Acenaphthylene	13.98	152	627478	20.684	ng/ul	97
48) 3-Nitroaniline	14.19	138	88847	22.804	ng/ul	91
49) Acenaphthene	14.33	153	424682	20.213	ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	42153	14.844	ng/ul#	87
52) 4-Nitrophenol	14.50	109	80260	18.698	ng/ul#	81
53) Dibenzofuran	14.67	168	615129	19.462	ng/ul	99
54) 2,4-Dinitrotoluene	14.65	165	142072	19.673	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	132014	19.935	ng/ul#	85
56) Diethylphthalate	15.10	149	483710	18.802	ng/ul	97
58) Fluorene	15.32	166	515648	19.916	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.32	204	261985	18.726	ng/ul	92
60) 4-Nitroaniline	15.35	138	94518	20.734	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.42	198	82430	18.099	ng/ul	93
64) N-Nitrosodiphenylamine	15.53	169	419841	19.914	ng/ul	97
65) 4-Bromophenyl-phenylether	16.22	248	160646	18.974	ng/ul	98
66) Hexachlorobenzene	16.32	284	176364	19.352	ng/ul#	89
67) Atrazine	16.49	200	159344	18.937	ng/ul	95
68) Pentachlorophenol	16.67	266	87705	18.110	ng/ul	96
69) Phenanthrene	17.06	178	784289	19.683	ng/ul	99
71) Anthracene	17.15	178	808839	19.680	ng/ul	99
72) Carbazole	17.43	167	669275	19.728	ng/ul	99
73) Di-n-butylphthalate	17.99	149	730123	18.299	ng/ul	98
74) Fluoranthene	19.08	202	899878	18.920	ng/ul#	93
77) Pyrene	19.44	202	954203	21.140	ng/ul#	92
78) Butylbenzylphthalate	20.36	149	324266	20.395	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.14	252	275681	22.445	ng/ul#	97
80) Benzo(a)anthracene	21.20	228	923106	20.576	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	440835	18.480	ng/ul	99
82) Chrysene	21.25	228	829181	20.147	ng/ul	99
84) Di-n-octyl phthalate	22.01	149	754616	17.363	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	929081	20.978	ng/ul#	97
86) Benzo(k)fluoranthene	22.80	252	848279	19.816	ng/ul#	98
88) Benzo(a)pyrene	23.32	252	851126	20.344	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.61	276	977954	19.802	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.63	278	839763	20.136	ng/ul#	98
91) Benzo(g,h,i)perylene	26.29	276	815028	20.052	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 6.394 ng/uL

RT: 3.19 min Scan# 35

Delta R.T. -0.00 min

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Instrument :

BNA_M

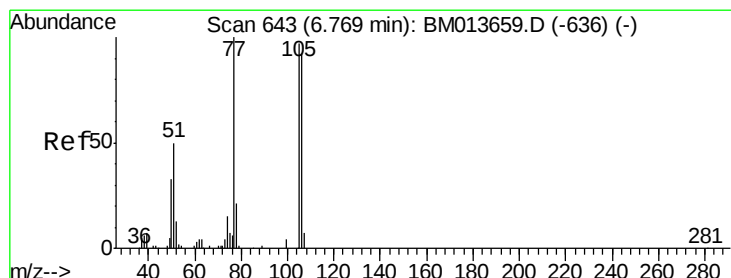
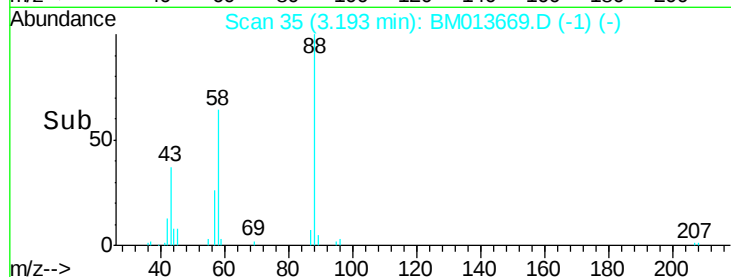
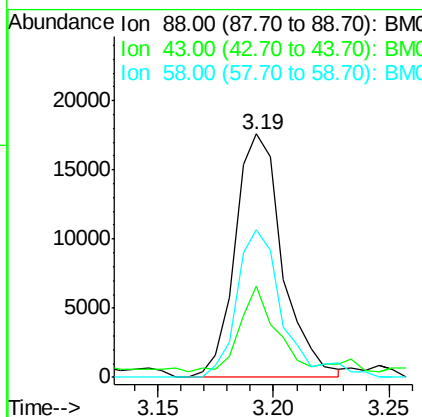
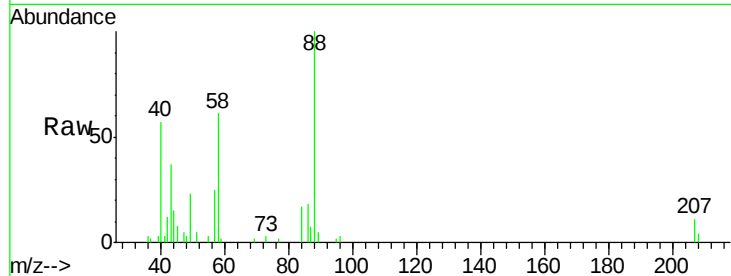
ClientSampleId :

SSTD02028

Tot Ion:	88	Resp:	25174
Ion	Ratio	Lower	Upper
88	100		
43	27.1	48.0	72.0#
58	54.8	80.0	120.0#

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#4

Benzaldehyde

Concen: 20.034 ng/uL

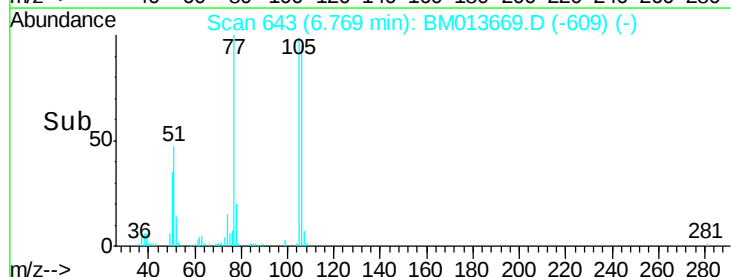
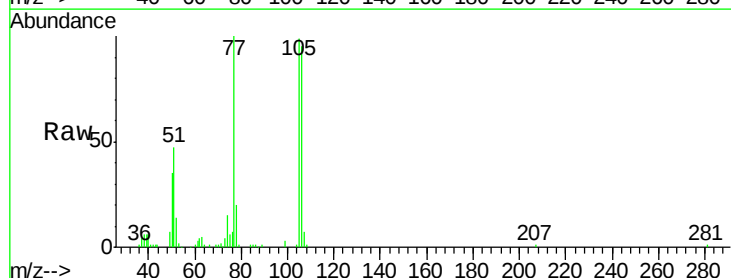
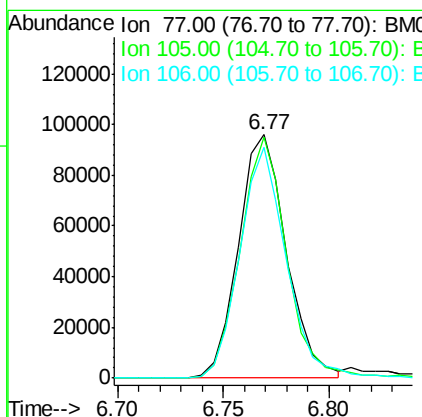
RT: 6.77 min Scan# 643

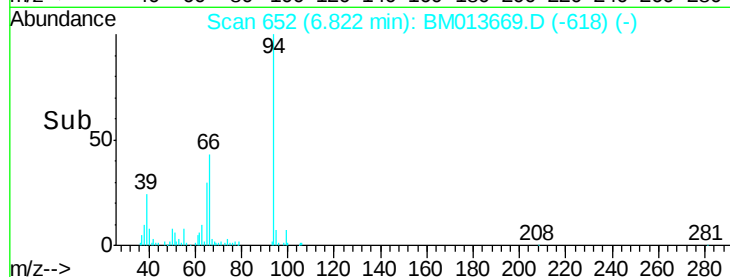
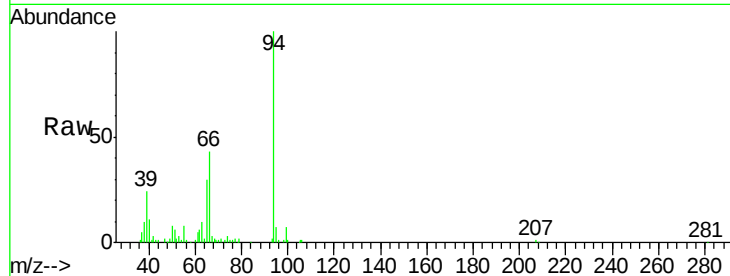
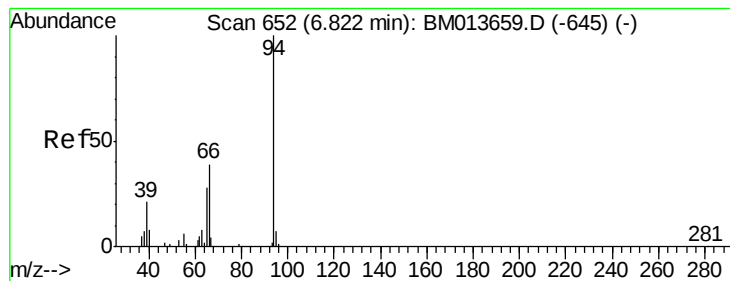
Delta R.T. -0.00 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Tgt Ion:	77	Resp:	151195
Ion	Ratio	Lower	Upper
77	100		
105	98.8	66.1	99.1
106	94.7	67.8	101.6





#6

Phenol

Concen: 20.071 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. -0.00 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		219532		
65	30.4	28.2	42.4		
66	42.6	47.2	70.8		

Instrument :

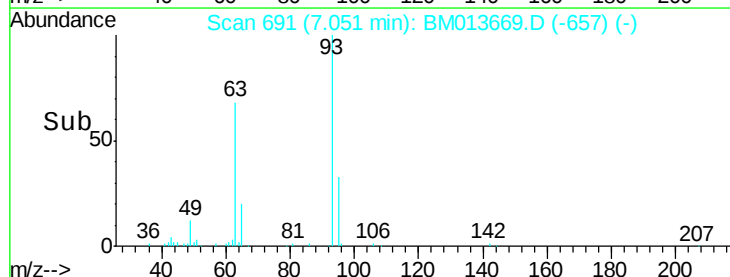
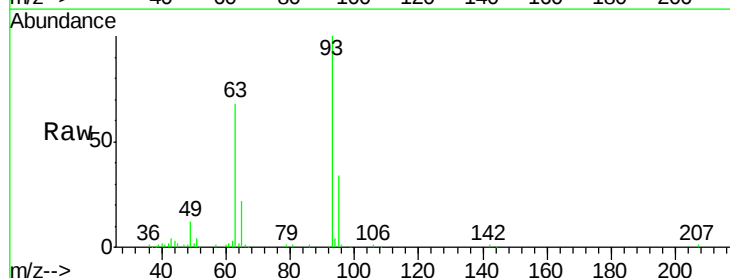
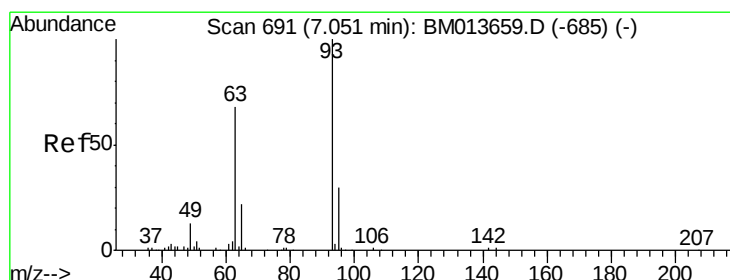
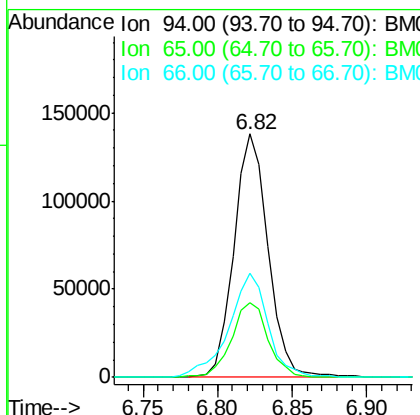
BNA_M

ClientSampleId :

SSTD02028

Manual Integrations
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1/22/2018 8:29:18 AM



#8

Bis(2-Chloroethyl)ether

Concen: 19.575 ng/ul

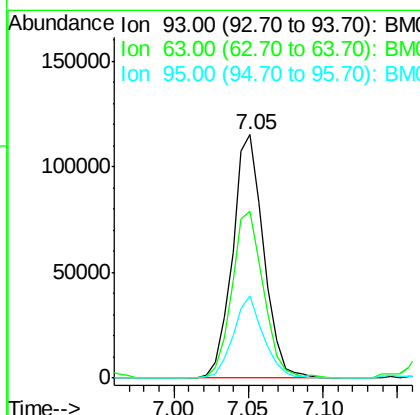
RT: 7.05 min Scan# 691

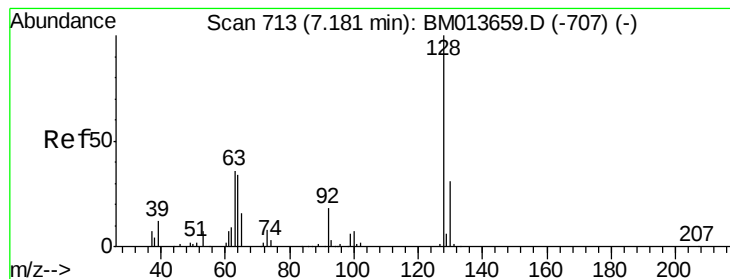
Delta R.T. -0.00 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		167540		
63	68.3	57.3	85.9		
95	33.7	26.6	39.8		





#10

2-Chlorophenol

Concen: 20.009 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

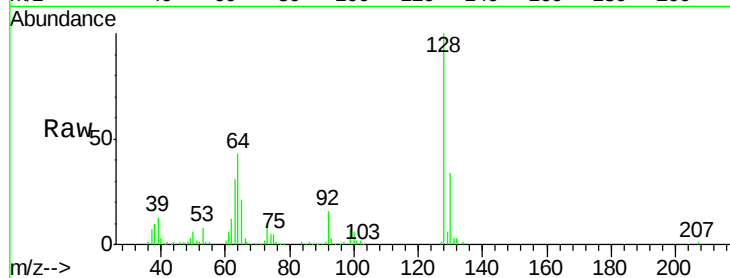
ClientSampleId :

SSTD02028

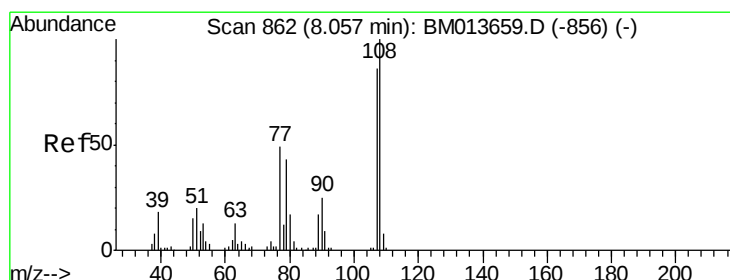
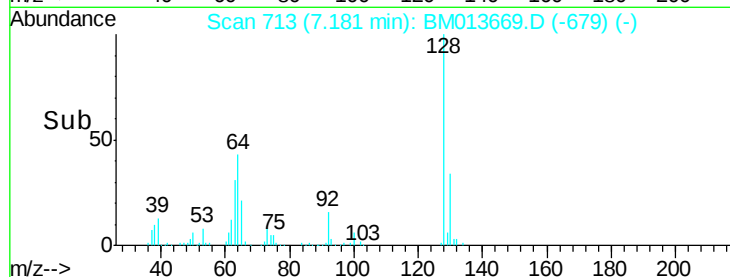
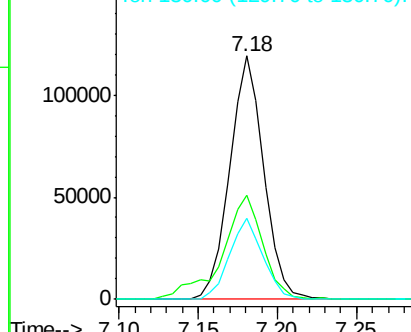
Tot Ion:	128	Resp:	177202
Ion Ratio	Lower	Upper	
128	100		
64	42.9	38.0	57.0
130	33.5	24.4	36.6

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM013669.D (-679) (-)
Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 19.751 ng/ul

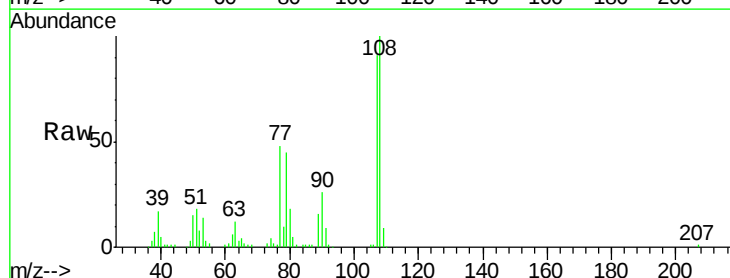
RT: 8.06 min Scan# 863

Delta R.T. -0.00 min

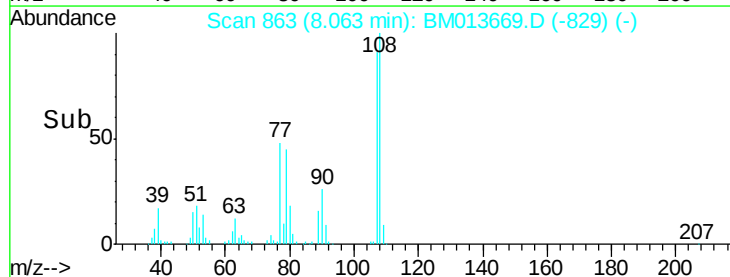
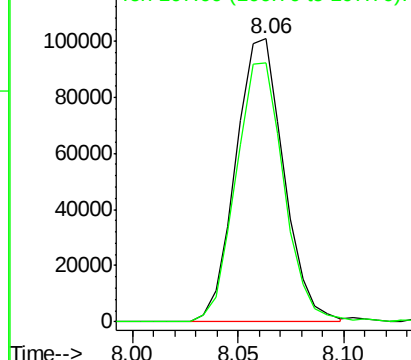
Lab File: BM013669.D

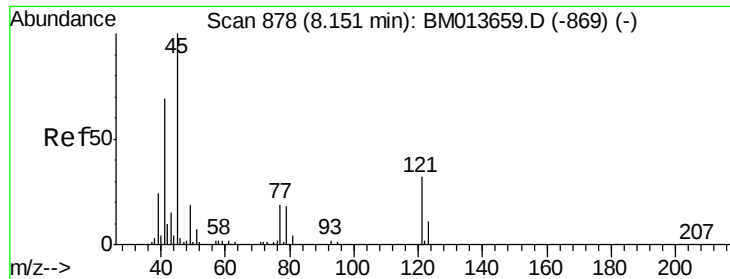
Acq: 19 Jan 2018 17:50

Tgt Ion:	108	Resp:	159250
Ion Ratio	Lower	Upper	
108	100		
107	91.4	72.6	108.8



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





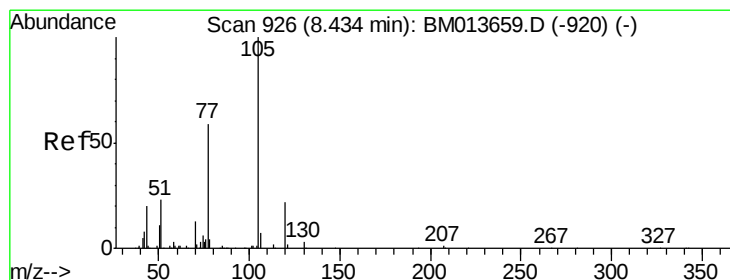
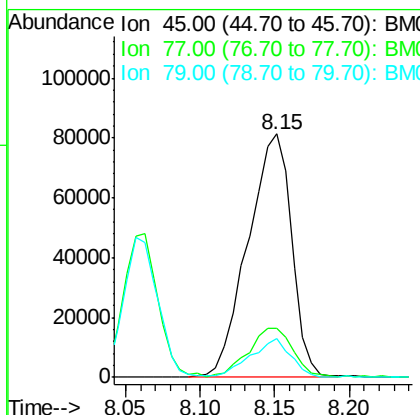
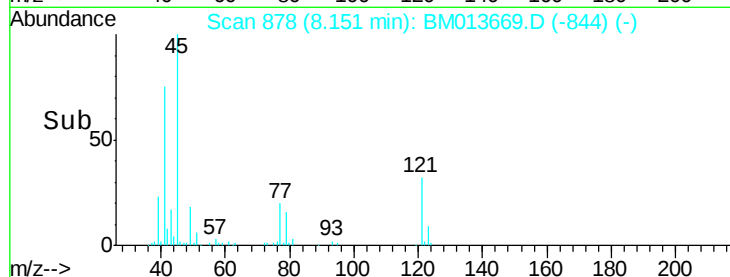
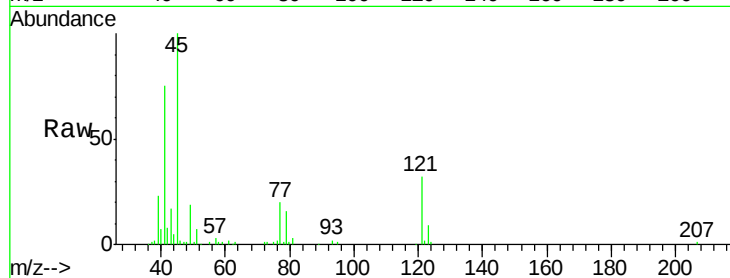
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 18.968 ng/ul
RT: 8.15 min Scan# 878
Delta R.T. -0.00 min
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ClientSampled :
SSTD02028

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	20.0	8.0	12.0#
79	15.9	8.0	12.0#

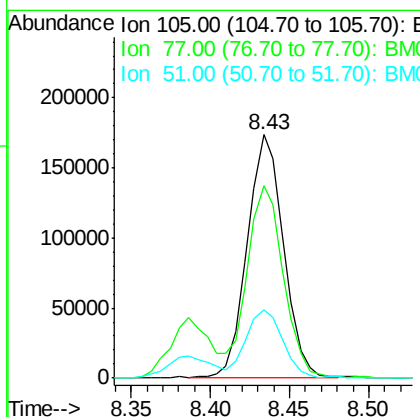
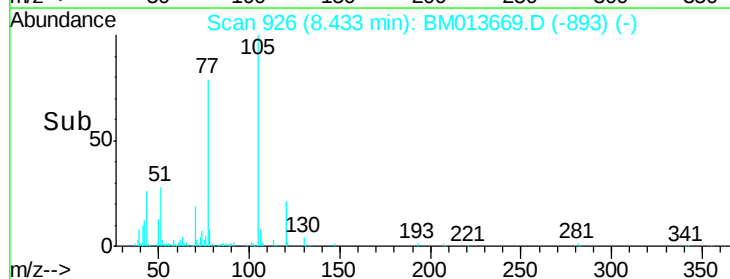
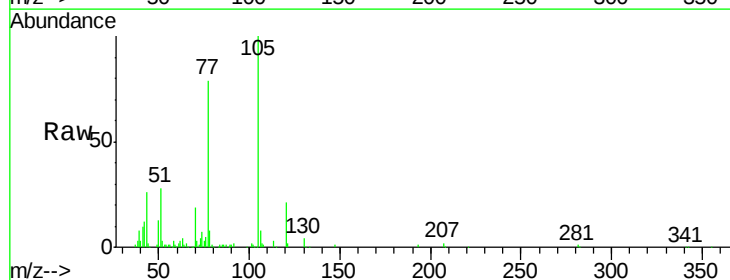
Manual Integrations
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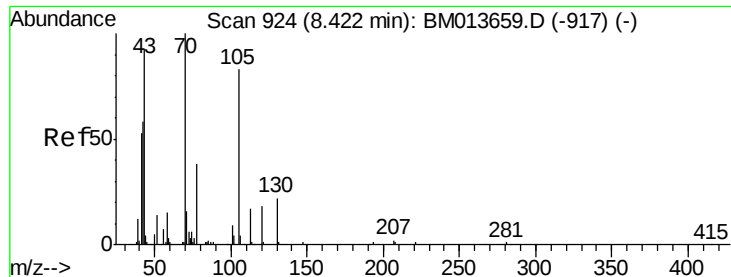
Sohil
1/22/2018 8:29:18 AM



#14
Acetophenone
Concen: 19.703 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
77	79.0	74.2	111.4
51	28.0	23.4	35.2





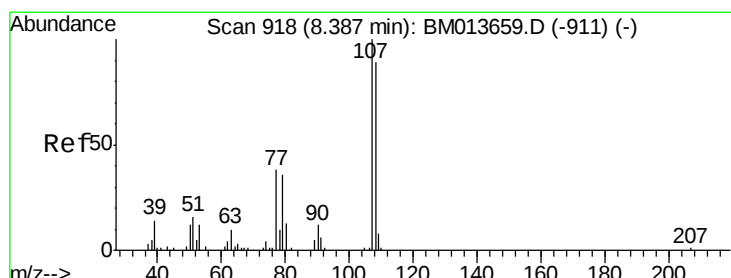
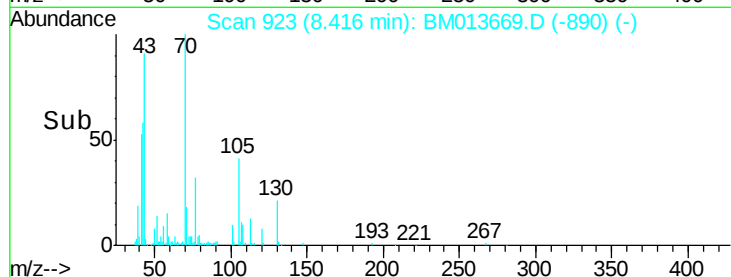
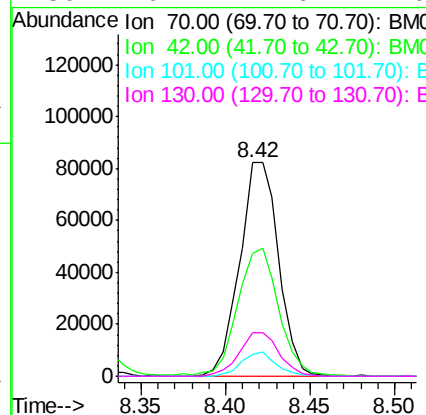
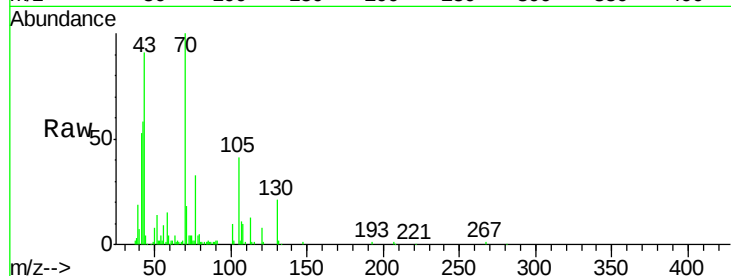
#15
N-Nitroso-di-n-propylamine
Concen: 19.502 ng/ul
RT: 8.42 min Scan# 923
Delta R.T. -0.01 min
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Instrument :
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ClientSampleId :
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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.7	76.0	114.0#	
101	10.2	6.7	10.1#	
130	20.7	14.6	22.0	

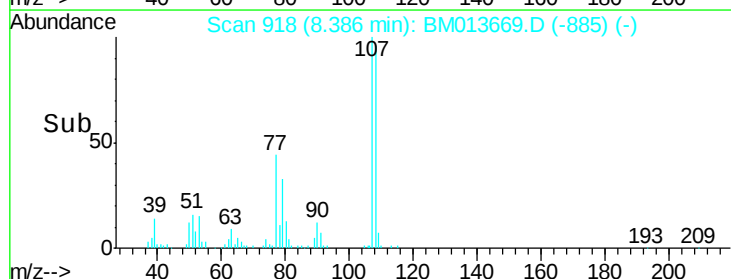
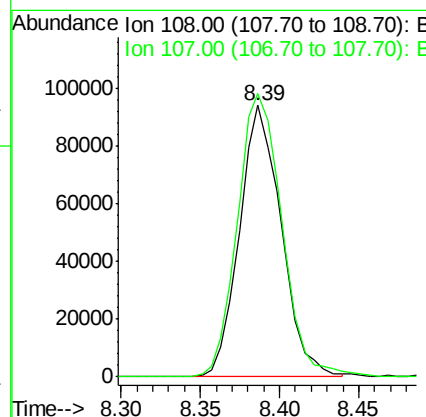
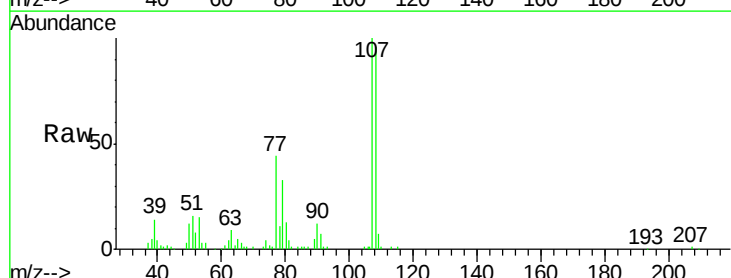
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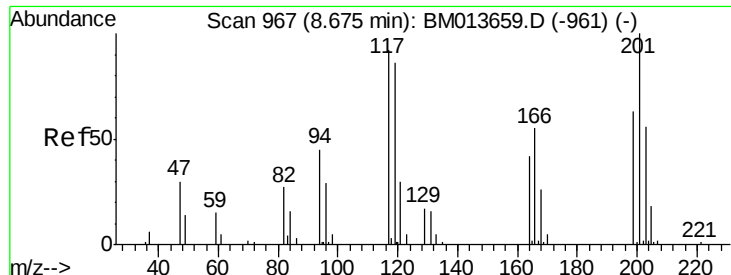
Sohil
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#16
4-Methylphenol
Concen: 19.994 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	104.3	84.9	127.3	





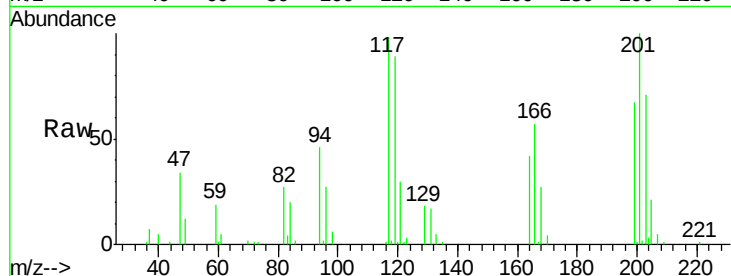
#17
Hexachloroethane
Concen: 18.664 ng/ul
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampleId :
SSTD02028

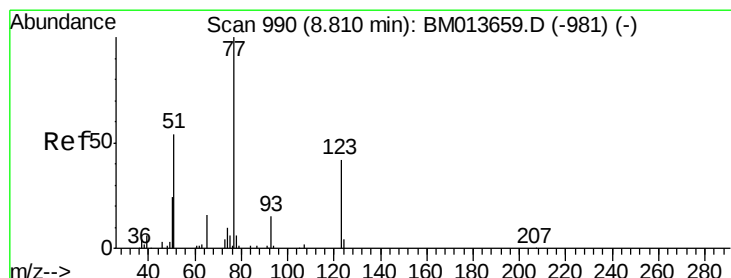
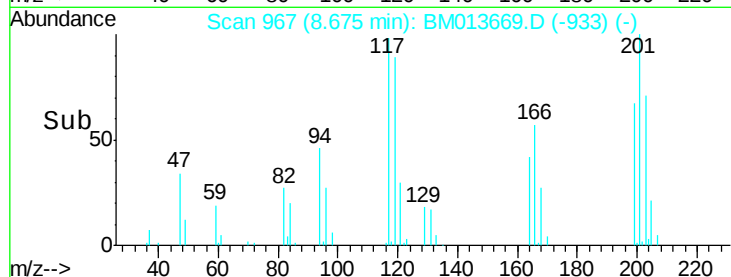
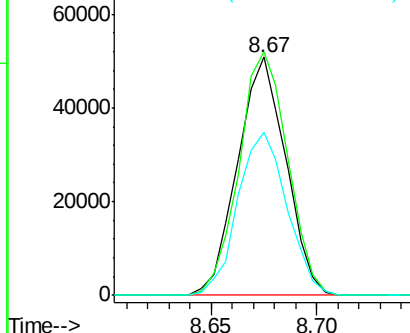
Tot Ion	Ratio	Lower	Upper
117	100		
201	104.0	111.6	167.4#
199	68.2	67.8	101.6

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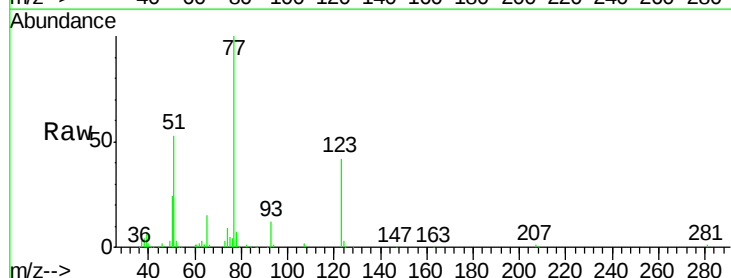


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

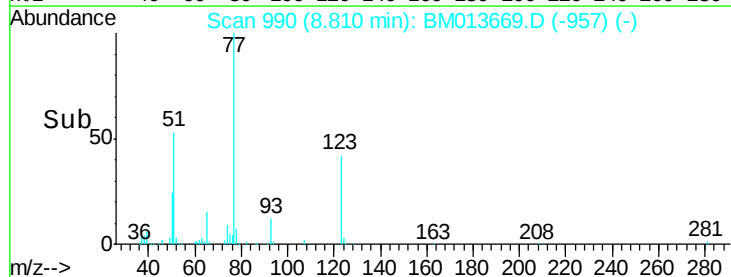
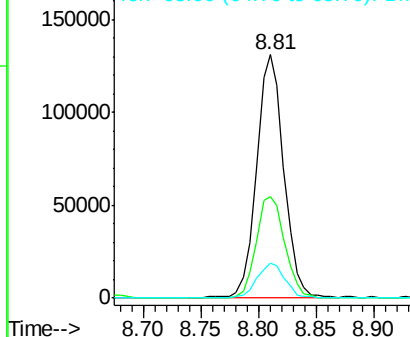


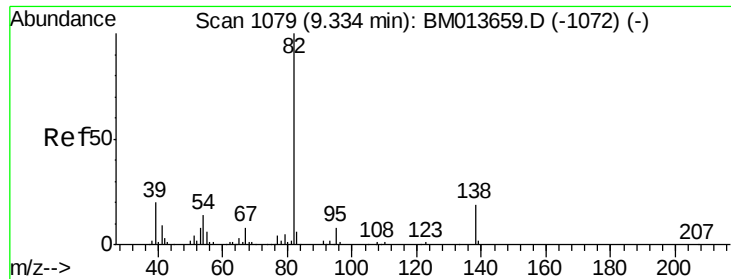
#20
Nitrobenzene
Concen: 19.194 ng/ul
RT: 8.81 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.9	31.0	46.6
65	14.6	12.2	18.2



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





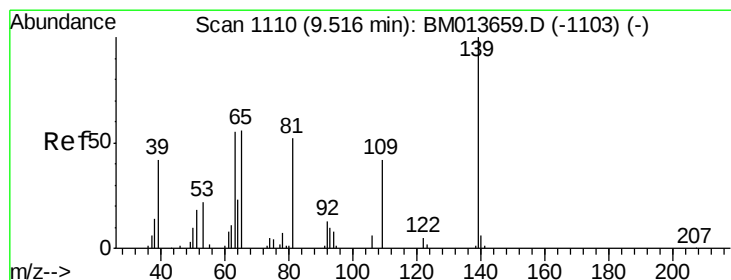
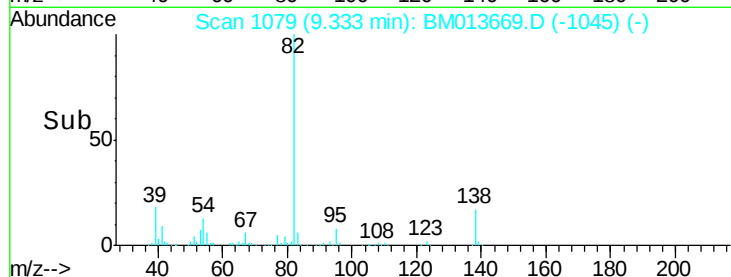
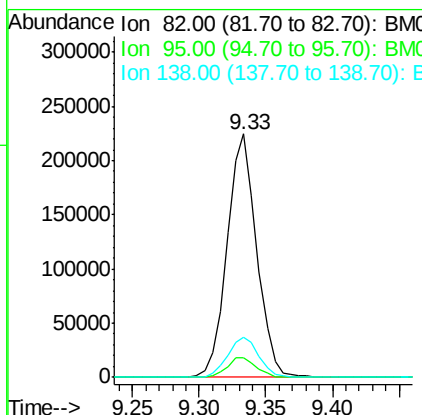
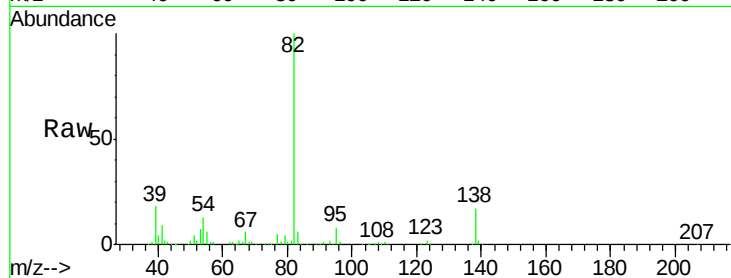
#21
Isophorone
Concen: 19.131 ng/ul
RT: 9.33 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.1	7.8	11.8
138	16.7	11.9	17.9

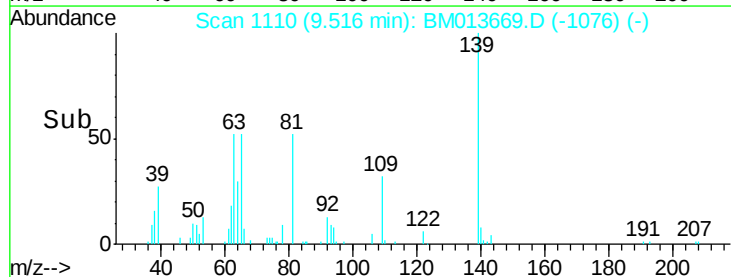
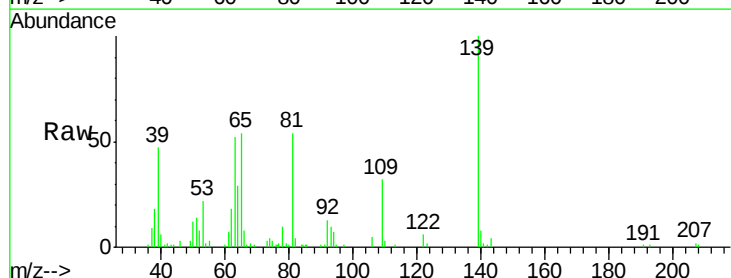
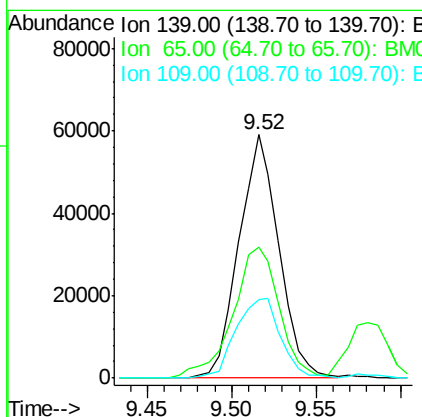
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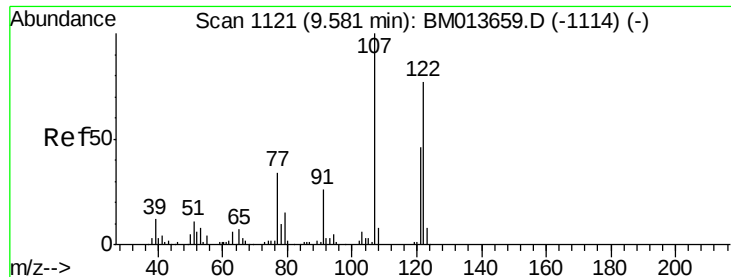
Sohil
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#23
2-Nitrophenol
Concen: 20.255 ng/ul
RT: 9.52 min Scan# 1110
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
139	100		
65	54.0	55.4	83.0#
109	32.2	42.2	63.2#





#24

2,4-Dimethylphenol

Concen: 20.239 ng/ul

RT: 9.58 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

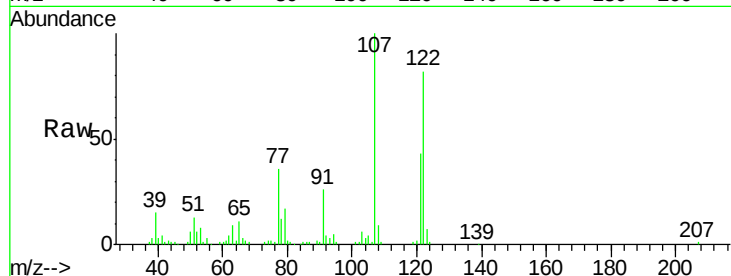
ClientSampleId :

SSTD02028

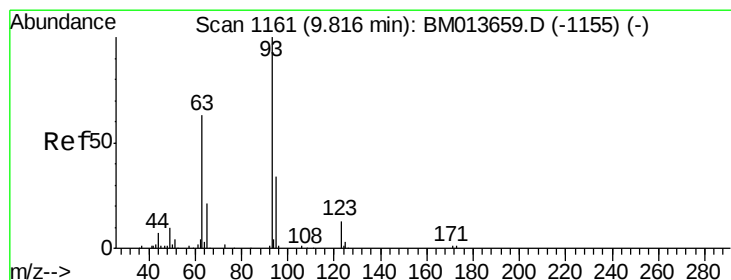
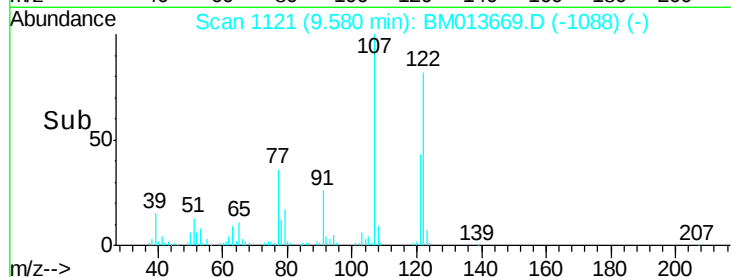
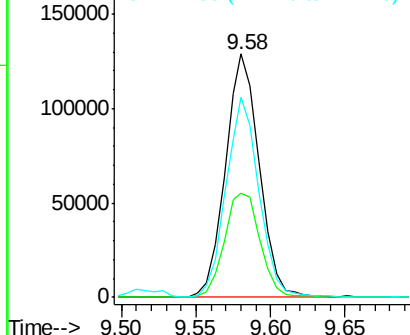
Tot Ion:	107	Resp:	204683
Ion Ratio	Lower	Upper	
107	100		
121	43.0	31.9	47.9
122	82.1	57.8	86.6

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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: 18.986 ng/ul

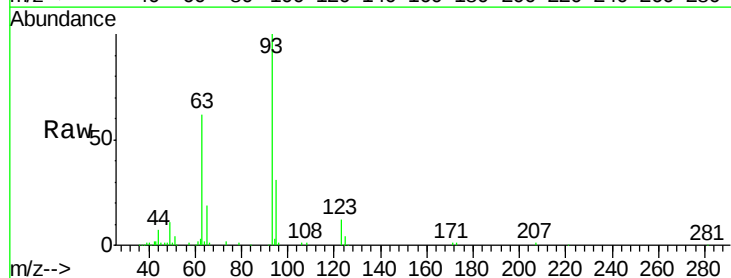
RT: 9.82 min Scan# 1161

Delta R.T. -0.01 min

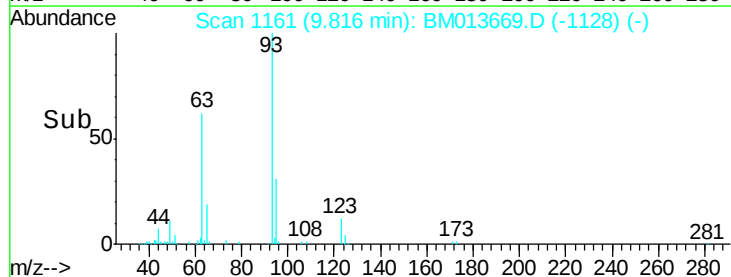
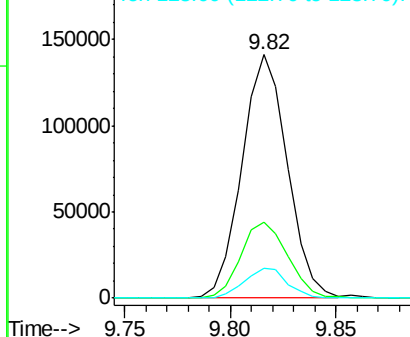
Lab File: BM013669.D

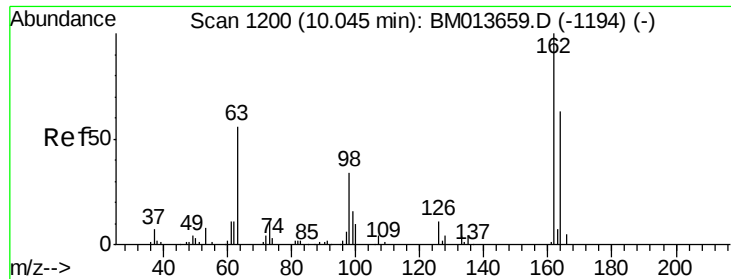
Acq: 19 Jan 2018 17:50

Tgt Ion:	93	Resp:	210441
Ion Ratio	Lower	Upper	
93	100		
95	31.2	28.5	42.7
123	12.1	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





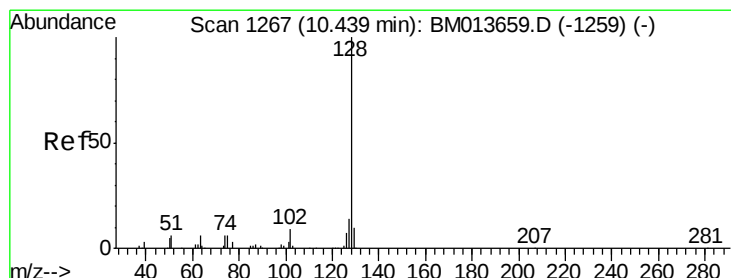
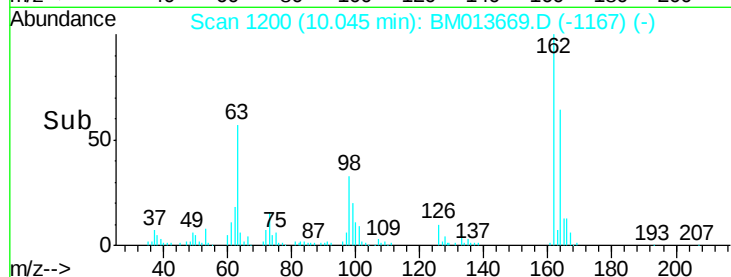
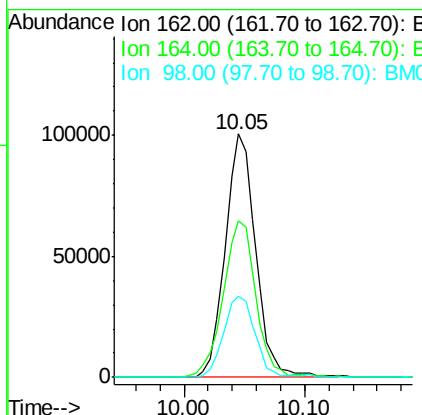
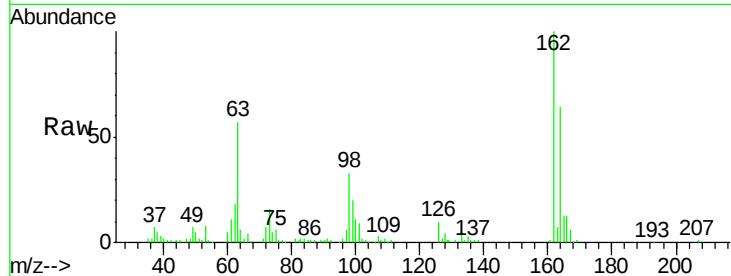
#27
2,4-Dichlorophenol
Concen: 20.589 ng/ul
RT: 10.05 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampled :
SSTD02028

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	47.8	71.6
98	33.4	23.0	34.4

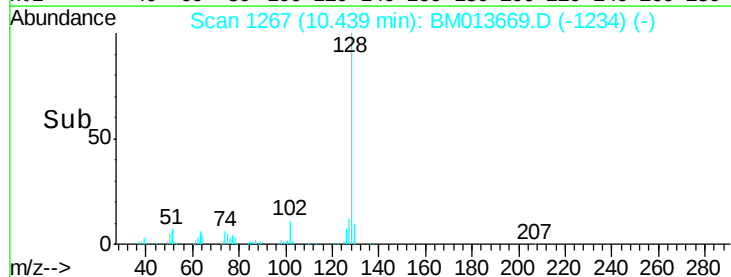
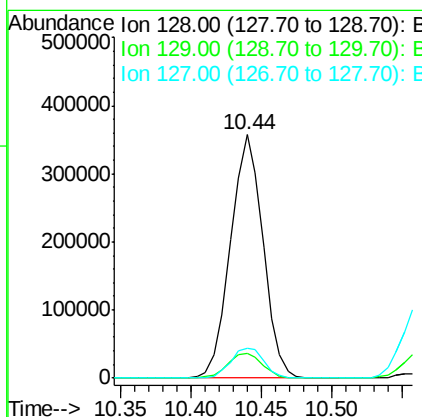
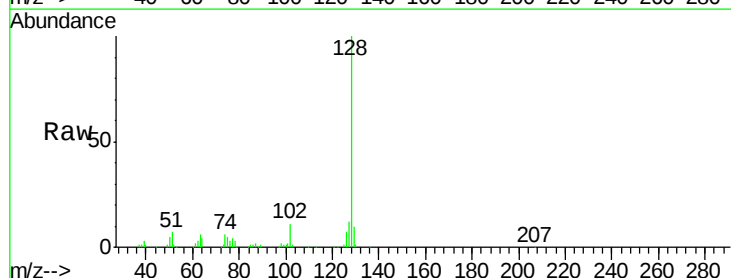
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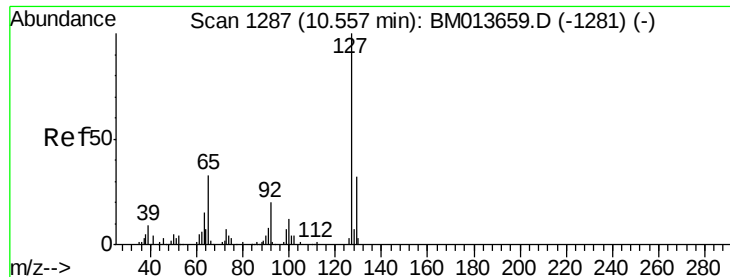
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#28
Naphthalene
Concen: 20.510 ng/ul
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.8	13.2
127	12.0	10.6	16.0





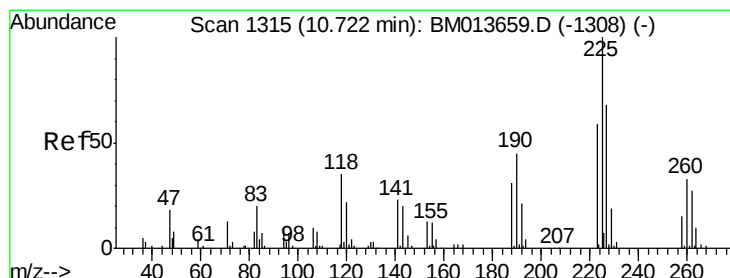
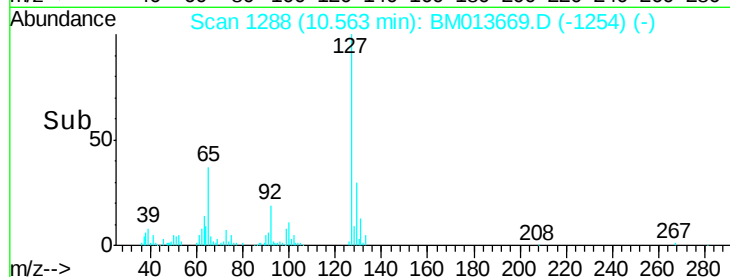
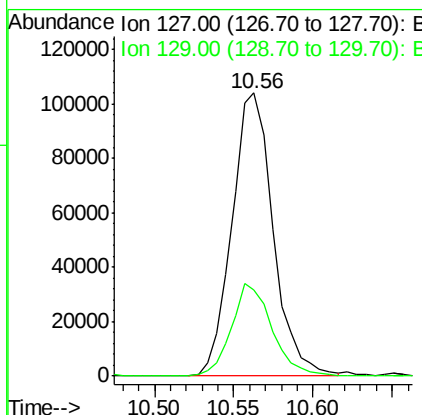
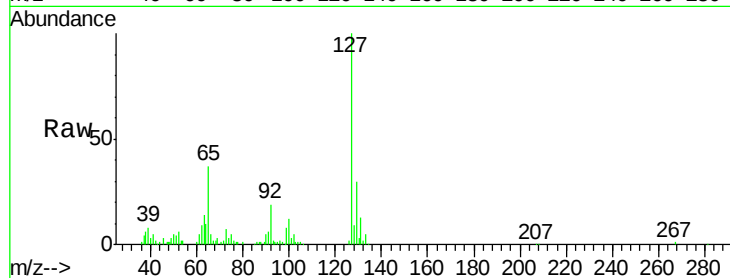
#30
4-Chloroaniline
Concen: 24.609 ng/ul
RT: 10.56 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.4	28.4	42.6

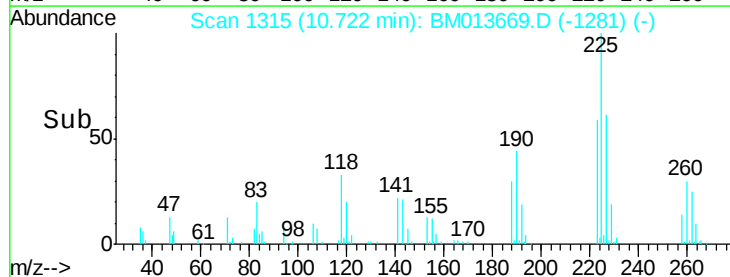
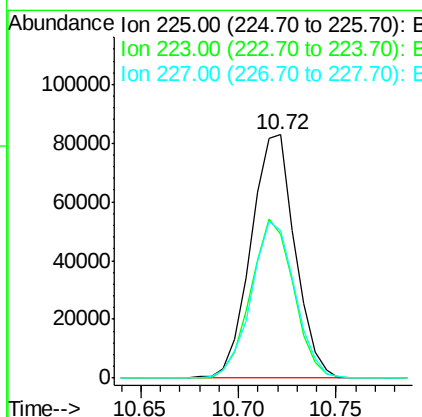
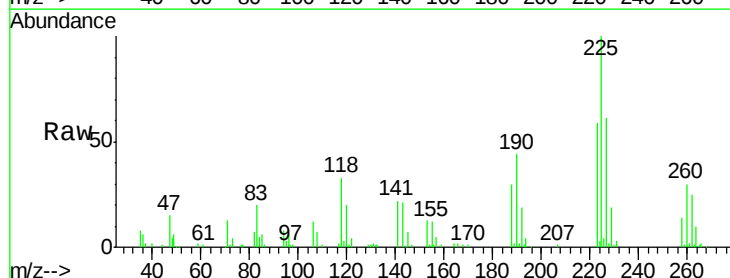
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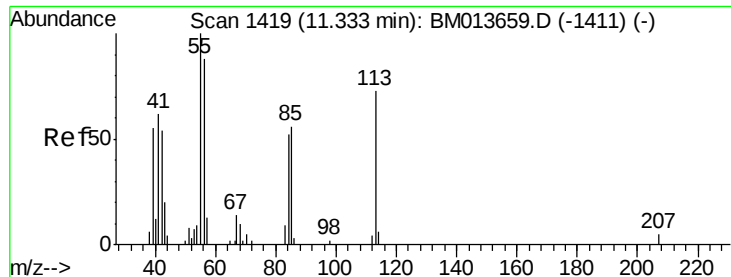
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#31
Hexachlorobutadiene
Concen: 18.386 ng/ul
RT: 10.72 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.3	49.4	74.2
227	60.6	45.4	68.2





#32

Caprolactam

Concen: 20.442 ng/ul m

RT: 11.34 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

ClientSampleId :

SSTD02028

Tot Ion:113 Resp: 48732

Ion Ratio Lower Upper

113 100

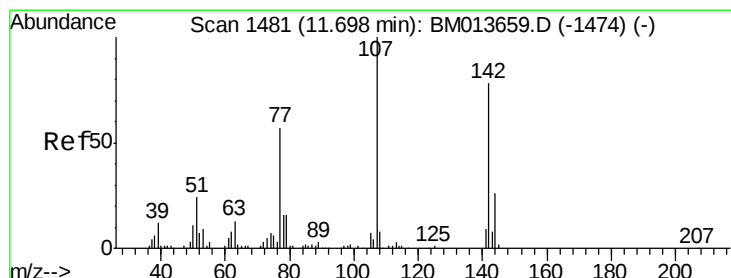
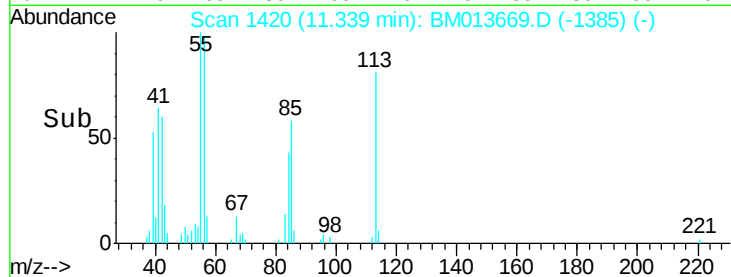
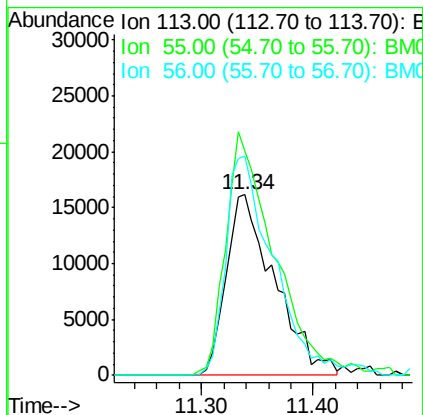
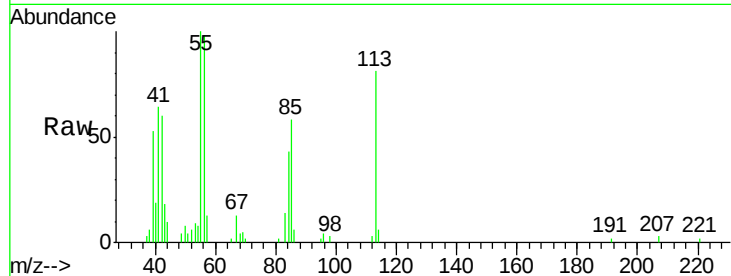
55 124.2 208.0 312.0#

56 121.7 160.0 240.0#

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#33

4-Chloro-3-methylphenol

Concen: 19.995 ng/ul

RT: 11.70 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

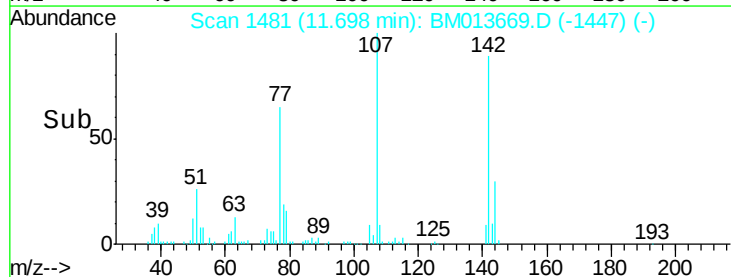
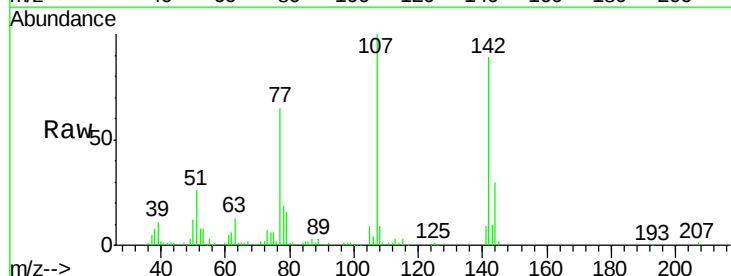
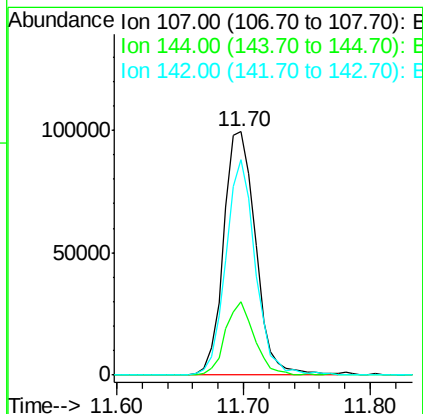
Tgt Ion:107 Resp: 173698

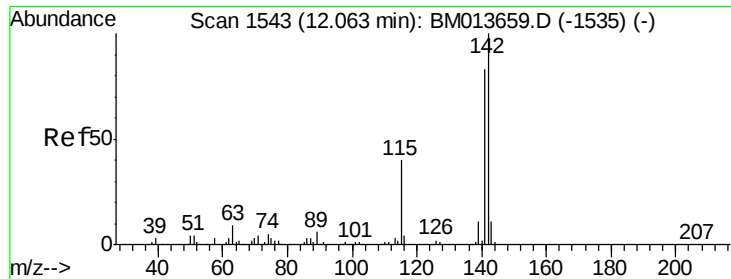
Ion Ratio Lower Upper

107 100

144 30.4 20.4 30.6

142 88.7 60.5 90.7





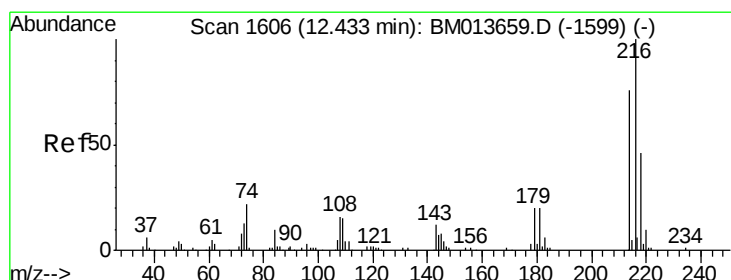
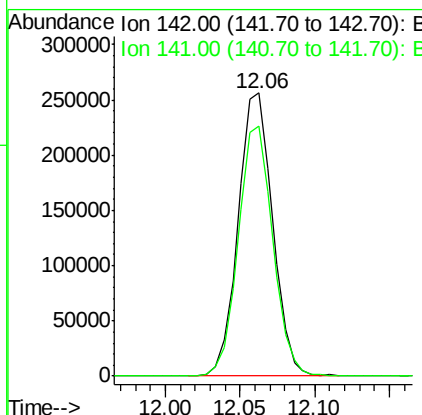
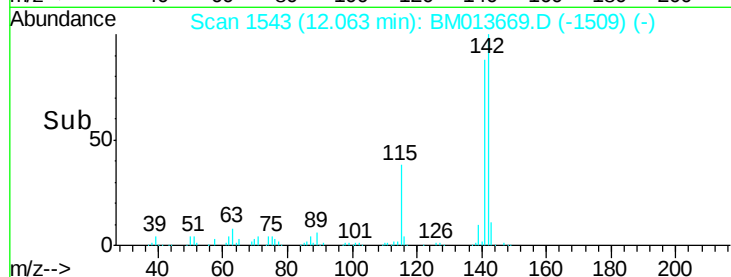
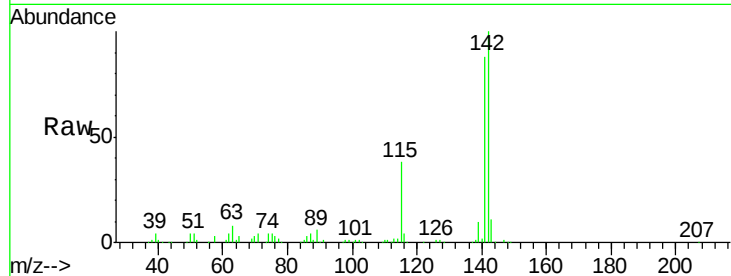
#34
2-Methylnaphthalene
Concen: 19.763 ng/ul
RT: 12.06 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tot Ion:142 Resp: 411512
Ion Ratio Lower Upper
142 100
141 88.4 74.1 111.1

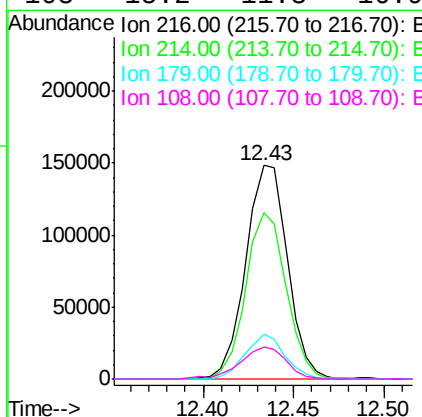
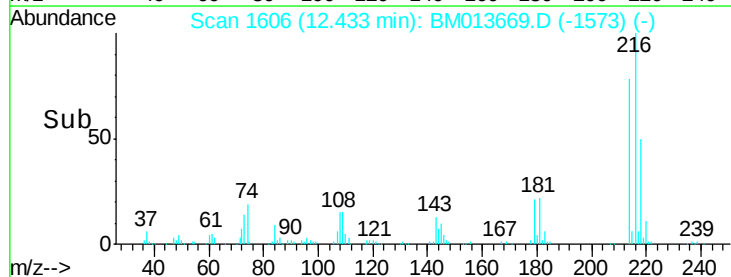
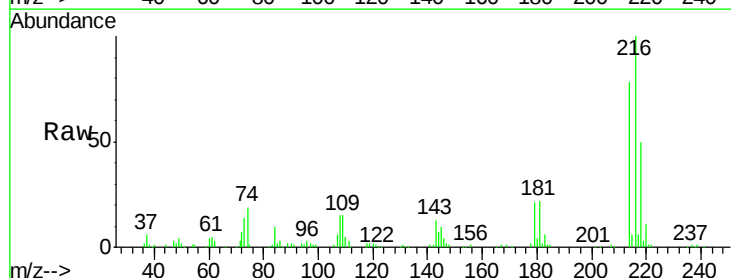
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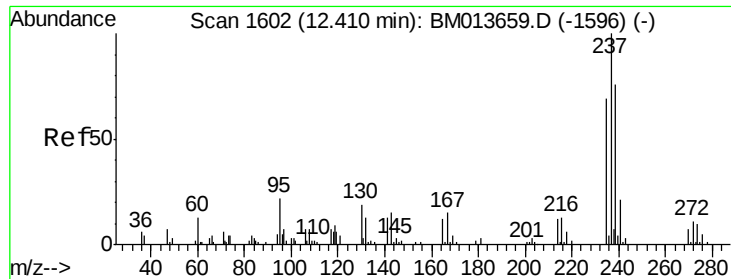
Sohil
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#36
1,2,4,5-Tetrachlorobenzene
Concen: 20.359 ng/ul
RT: 12.43 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion:216 Resp: 237979
Ion Ratio Lower Upper
216 100
214 77.9 60.6 90.8
179 21.3 17.5 26.3
108 15.2 11.3 16.9





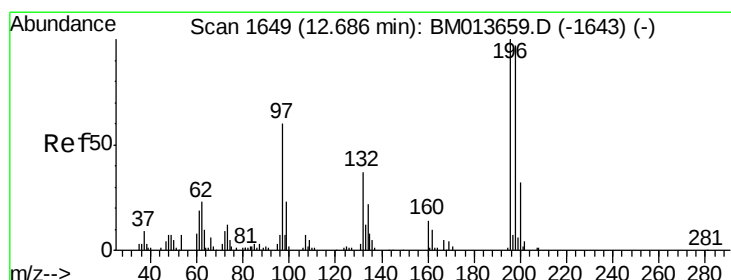
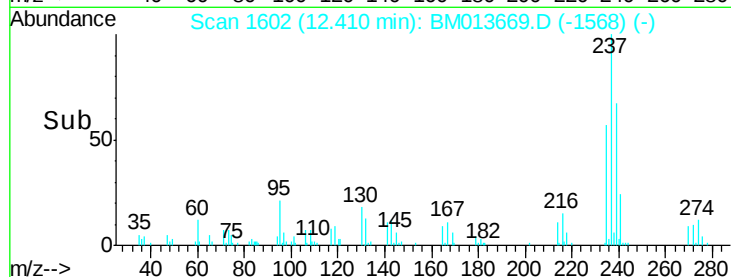
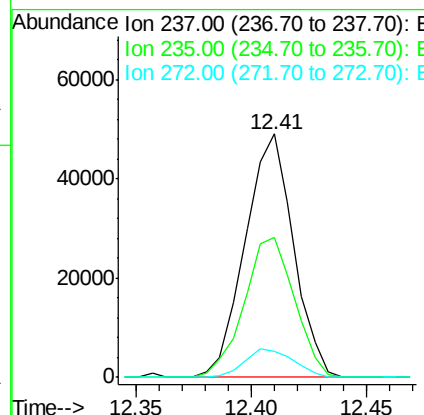
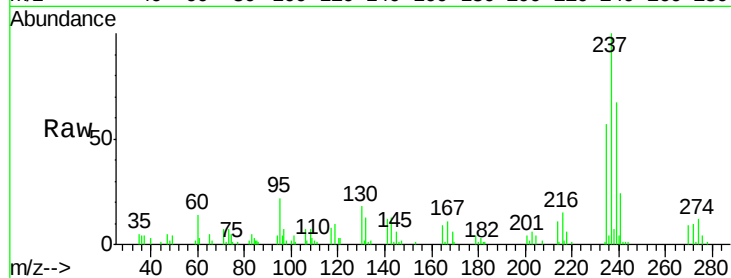
#37
Hexachlorocyclopentadiene
Concen: 14.722 ng/ul
RT: 12.41 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tot Ion	Ratio	Lower	Upper
237	100		
235	57.4	50.2	75.4
272	10.5	11.0	16.6

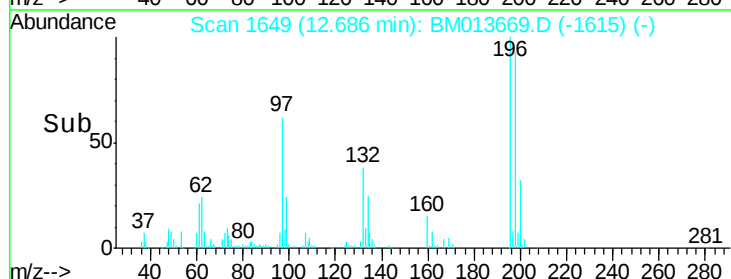
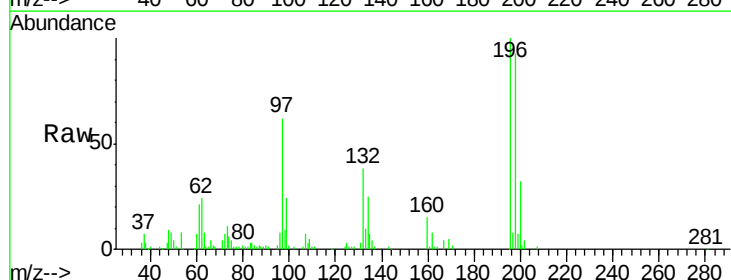
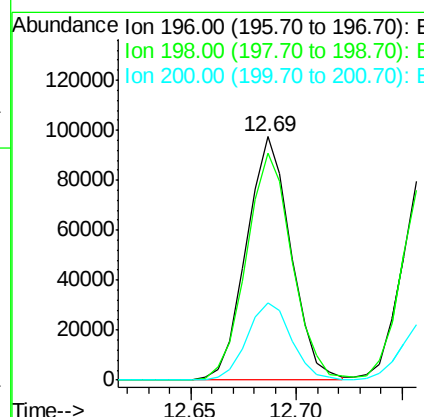
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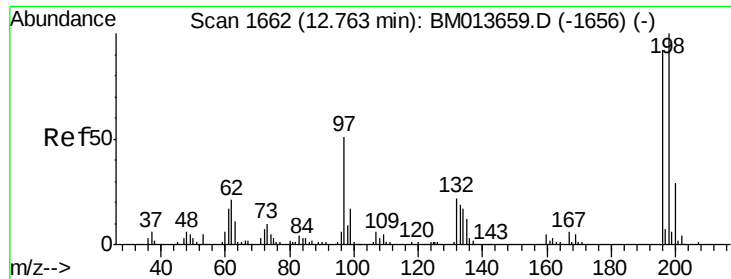
Sohil
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#38
2,4,6-Trichlorophenol
Concen: 21.052 ng/ul
RT: 12.69 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	74.1	111.1
200	31.9	25.2	37.8





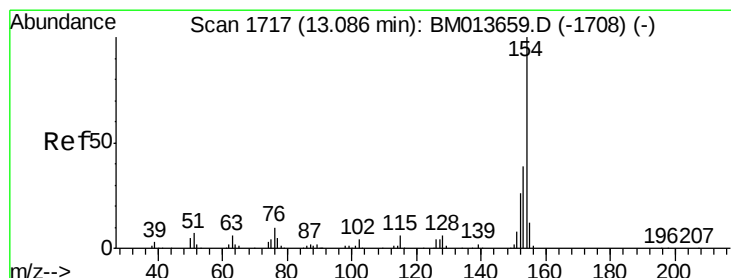
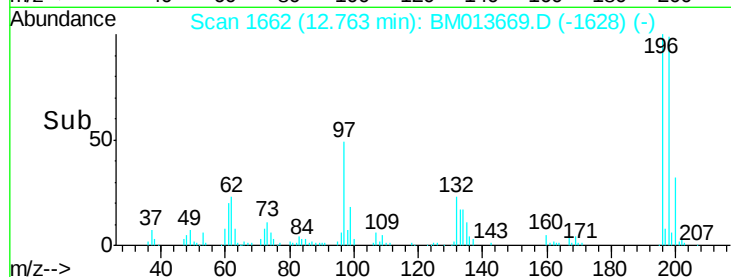
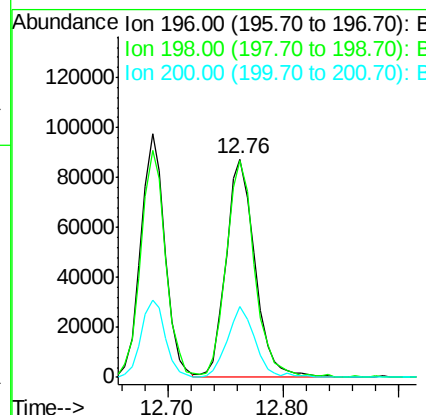
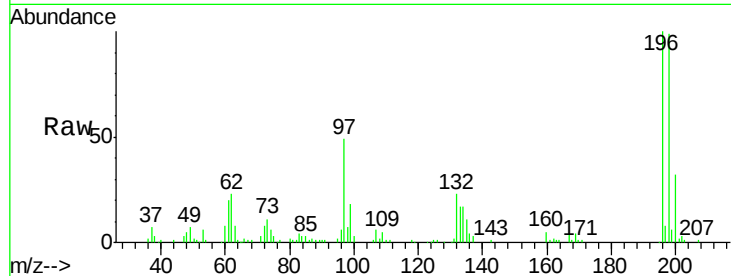
#39
 2,4,5-Trichlorophenol
 Concen: 21.662 ng/ul
 RT: 12.76 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM013669.D
 Acq: 19 Jan 2018 17:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02028

Tot Ion	Ratio	Resp	Lower	Upper
196	100	152516		
198	99.5	75.6	113.4	
200	32.4	25.5	38.3	

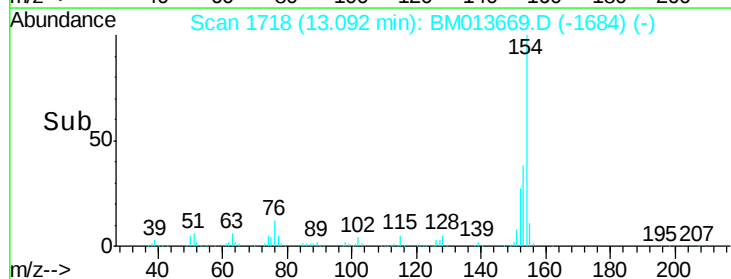
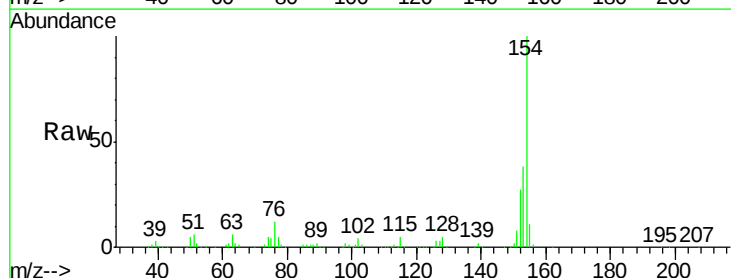
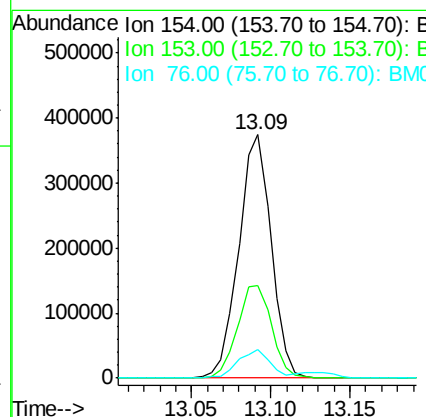
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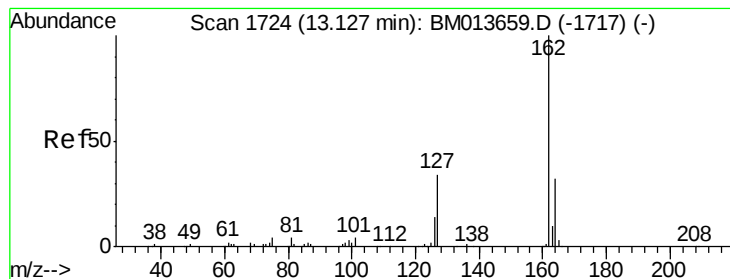
Sohil
 1/22/2018 8:29:18 AM



#40
 1,1'-Biphenyl
 Concen: 20.146 ng/ul
 RT: 13.09 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BM013669.D
 Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	529041		
153	38.2	32.6	48.8	
76	11.8	8.5	12.7	





#41

2-Chloronaphthalene

Concen: 20.649 ng/ul

RT: 13.13 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

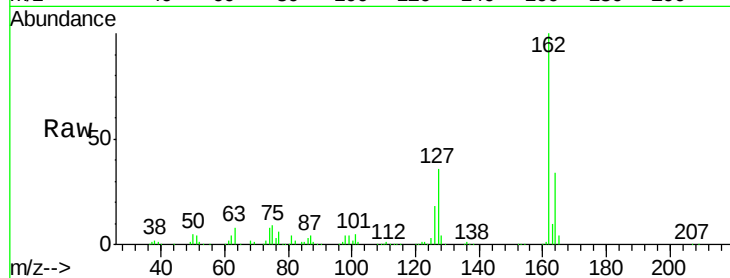
ClientSampleId :

SSTD02028

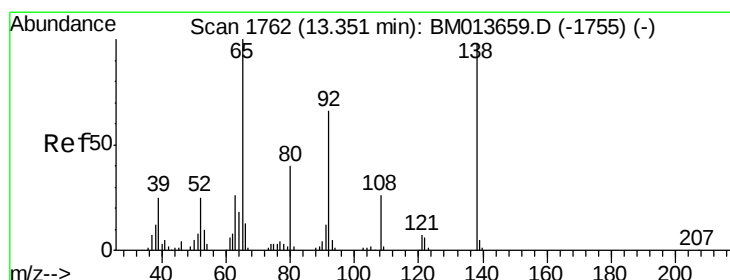
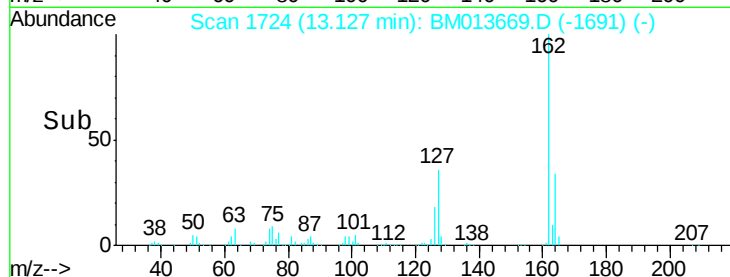
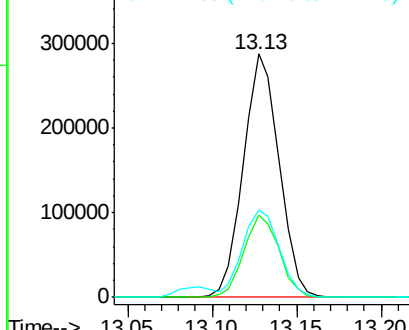
Tot Ion:	162	Resp:	423869
Ion Ratio	Lower	Upper	
162	100		
164	33.6	25.9	38.9
127	35.7	29.4	44.2

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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: 19.877 ng/ul

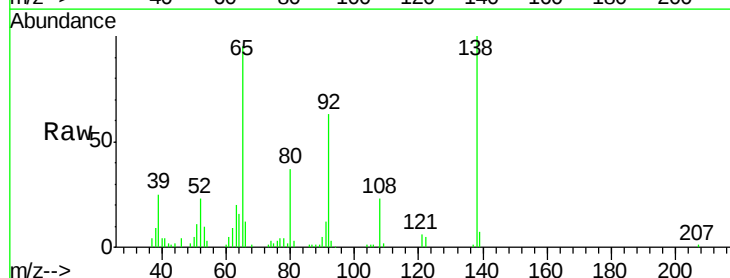
RT: 13.35 min Scan# 1762

Delta R.T. -0.00 min

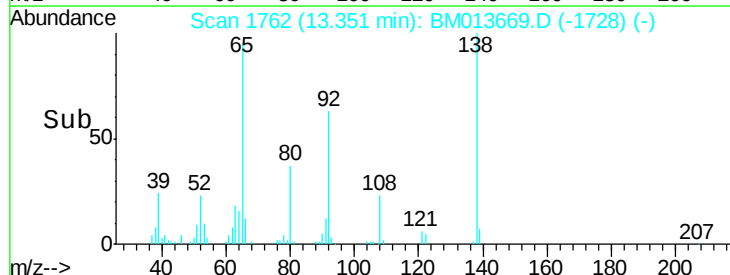
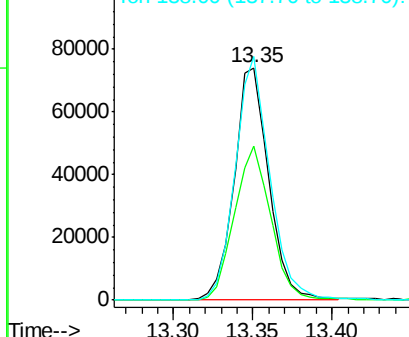
Lab File: BM013669.D

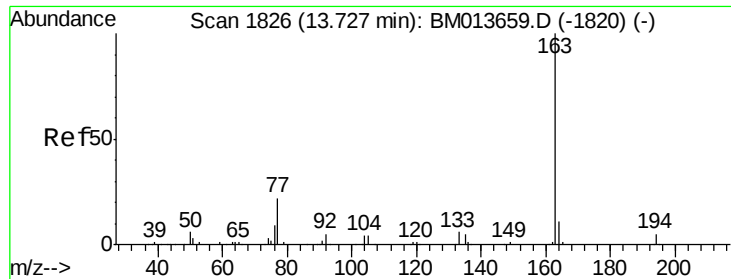
Acq: 19 Jan 2018 17:50

Tgt Ion:	65	Resp:	112551
Ion Ratio	Lower	Upper	
65	100		
92	66.5	51.8	77.6
138	104.9	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: 19.365 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

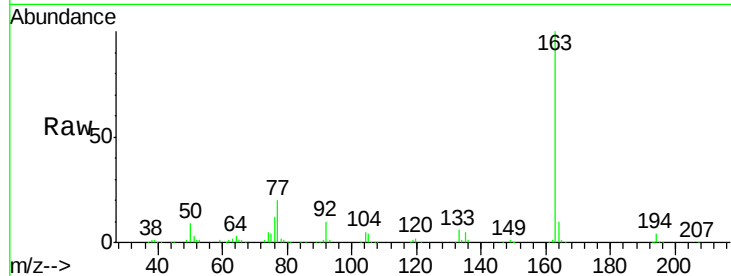
ClientSampleId :

SSTD02028

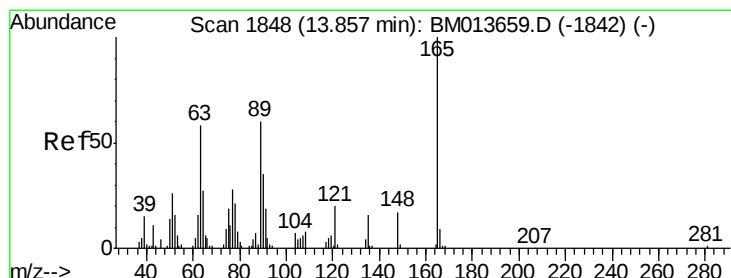
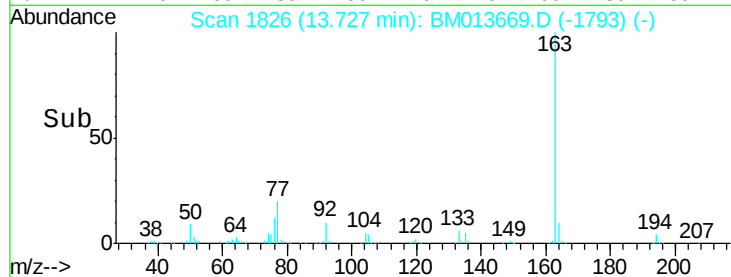
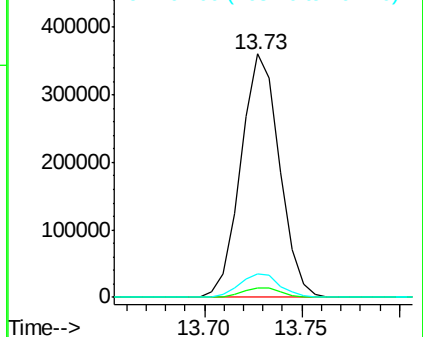
Tot Ion:	163	Resp:	495055
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.5	5.3
164	9.8	8.2	12.4

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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: 20.793 ng/ul

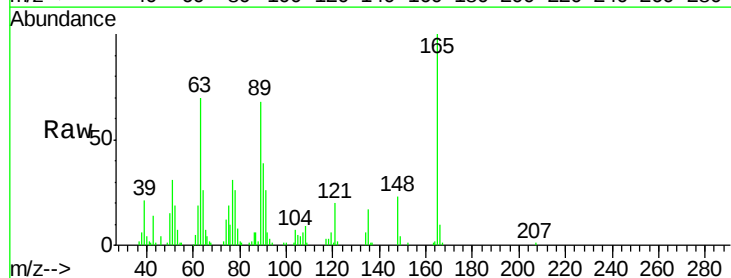
RT: 13.85 min Scan# 1847

Delta R.T. -0.01 min

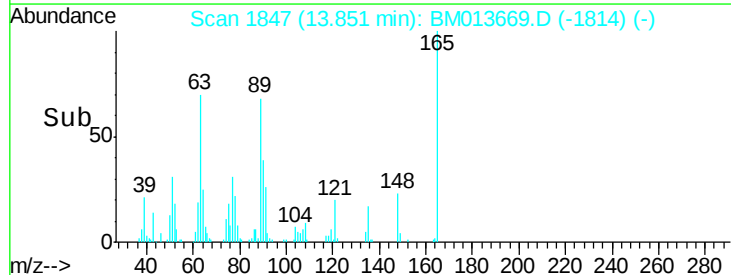
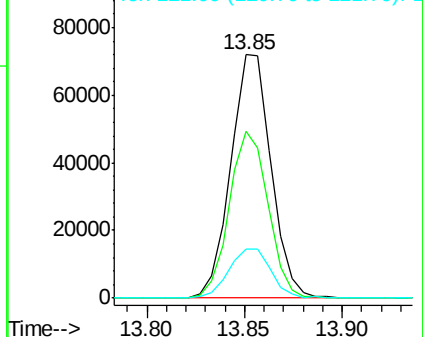
Lab File: BM013669.D

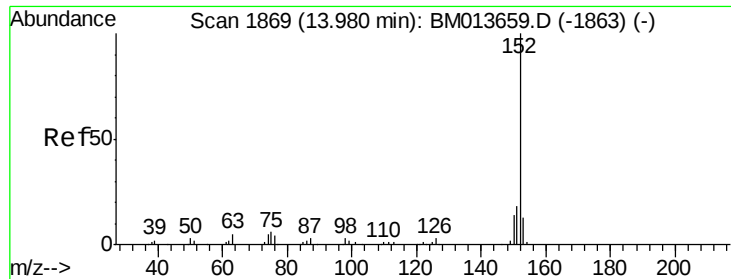
Acq: 19 Jan 2018 17:50

Tgt Ion:	165	Resp:	103010
Ion Ratio	Lower	Upper	
165	100		
89	68.4	52.6	79.0
121	20.4	14.6	22.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM
Ion 121.00 (120.70 to 121.70): E





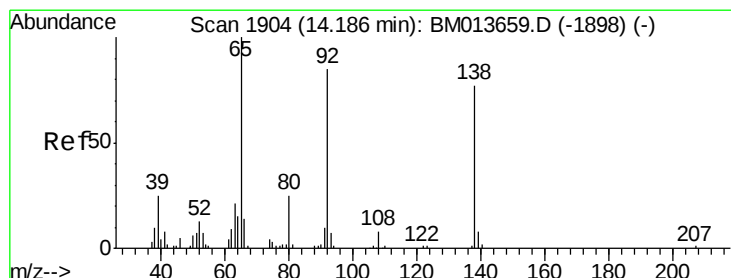
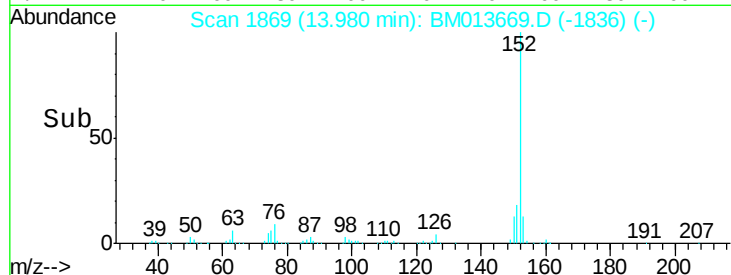
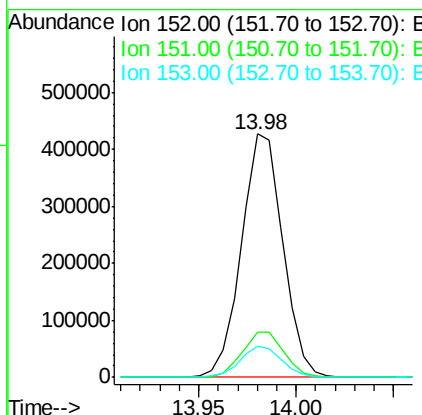
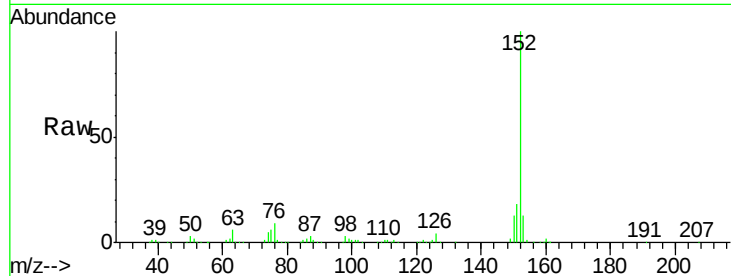
#47
Acenaphthylene
Concen: 20.684 ng/ul
RT: 13.98 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampled :
SSTD02028

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.3	24.5
153	12.5	10.2	15.4

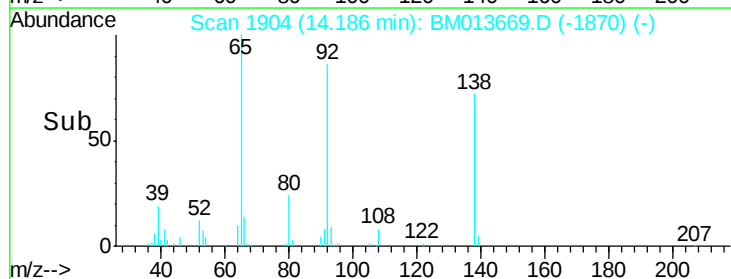
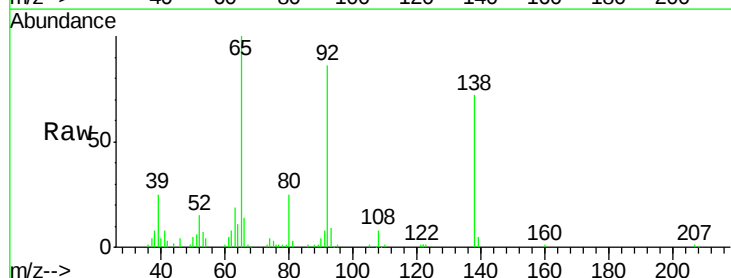
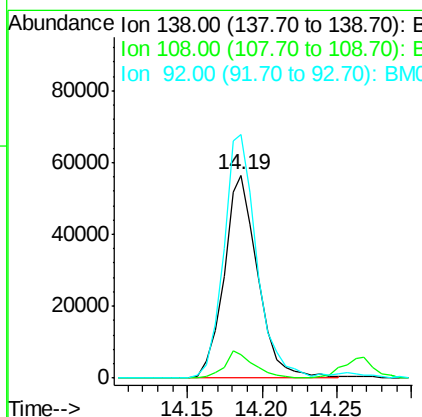
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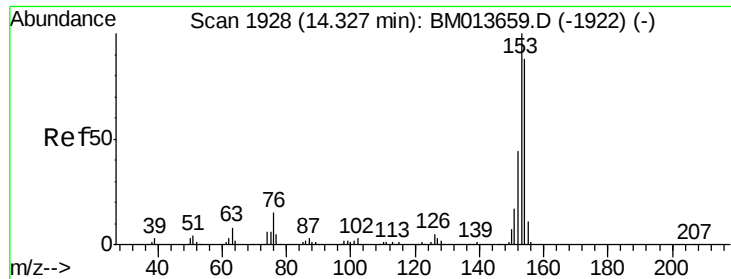
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#48
3-Nitroaniline
Concen: 22.804 ng/ul
RT: 14.19 min Scan# 1904
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.9	14.9
92	120.0	105.0	157.4





#49

Acenaphthene

Concen: 20.213 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

ClientSampleId :

SSTD02028

Tot Ion:153 Resp: 424682

Ion Ratio Lower Upper

153 100

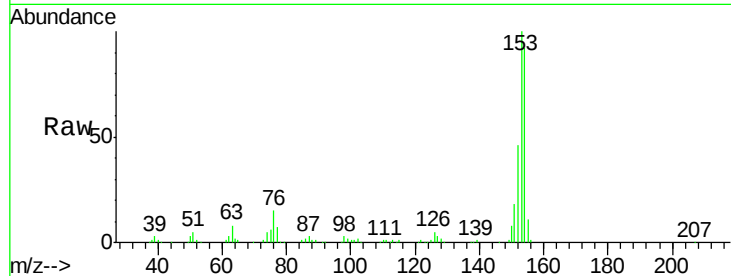
152 45.8 37.6 56.4

154 91.6 70.4 105.6

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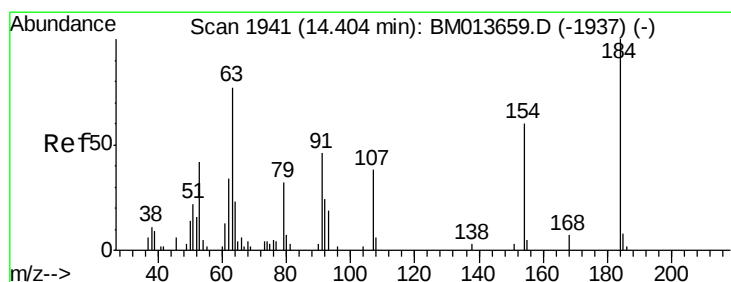
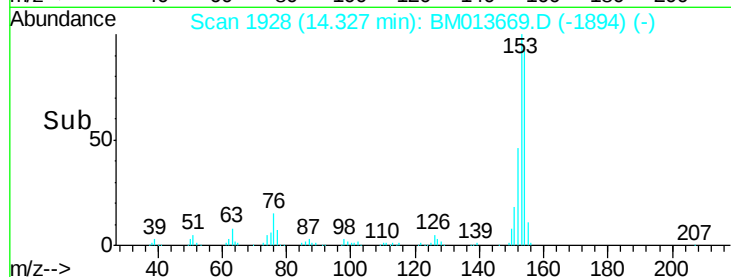
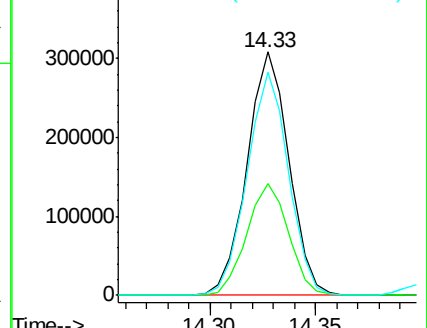
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 14.844 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

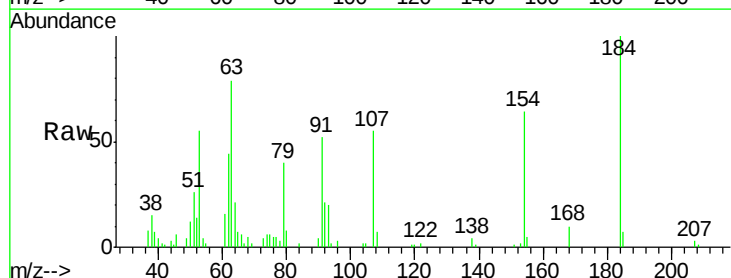
Tgt Ion:184 Resp: 42153

Ion Ratio Lower Upper

184 100

63 79.0 50.1 75.1#

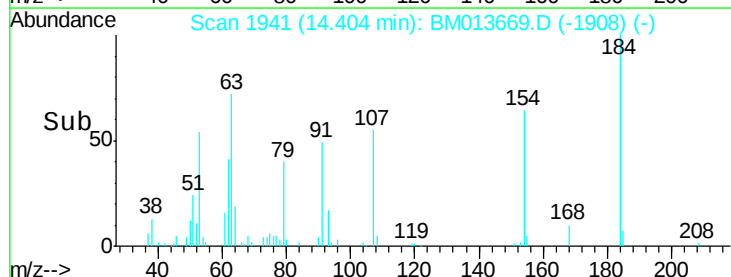
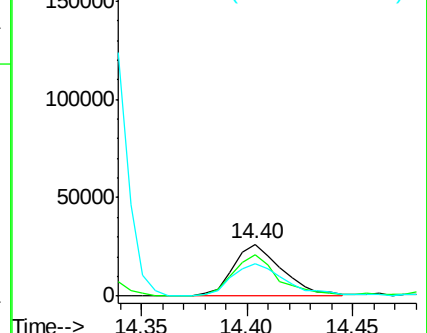
154 63.6 54.5 81.7

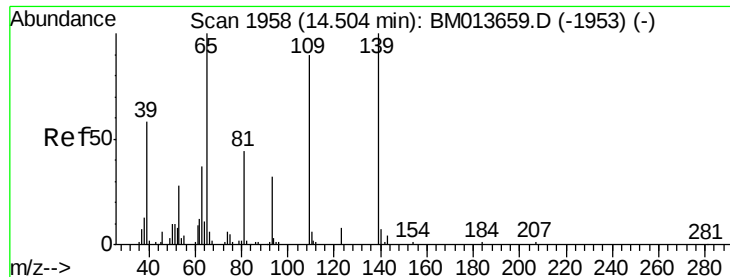


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.698 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

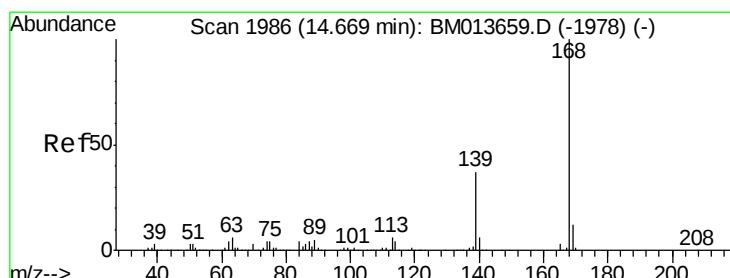
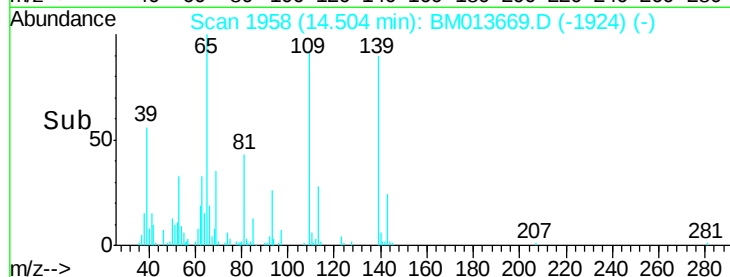
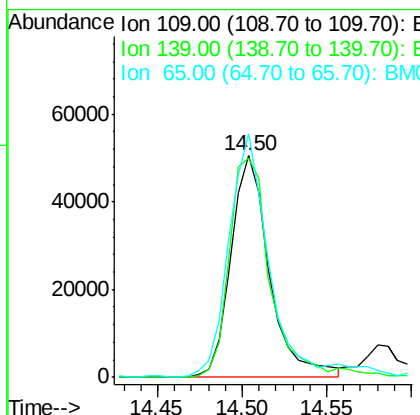
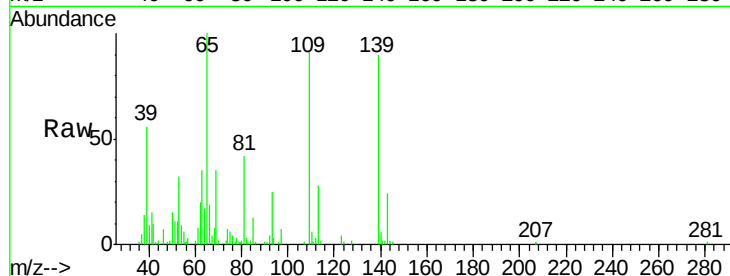
ClientSampleId :

SSTD02028

Tot Ion	Ratio	Lower	Upper
109	100		
139	98.7	80.0	120.0
65	109.9	120.0	180.0

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#53

Dibenzofuran

Concen: 19.462 ng/ul

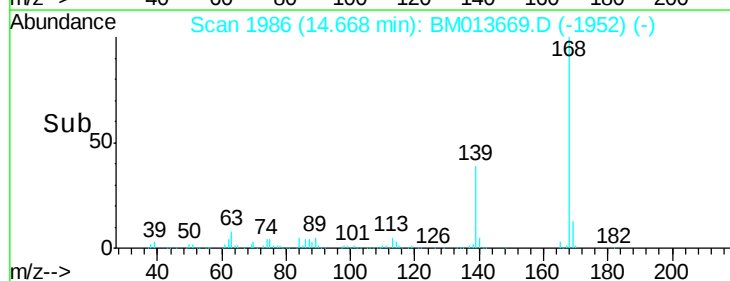
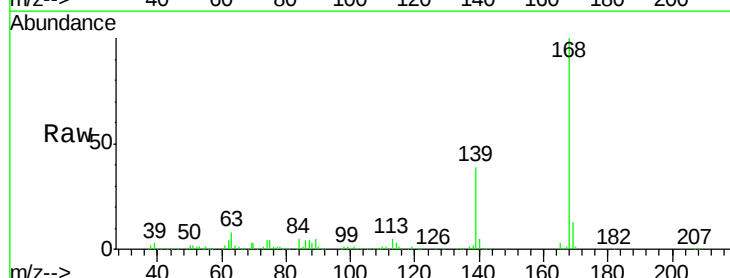
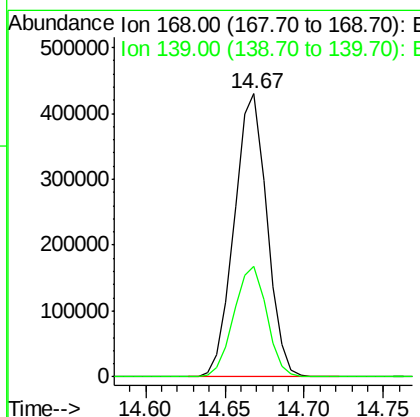
RT: 14.67 min Scan# 1986

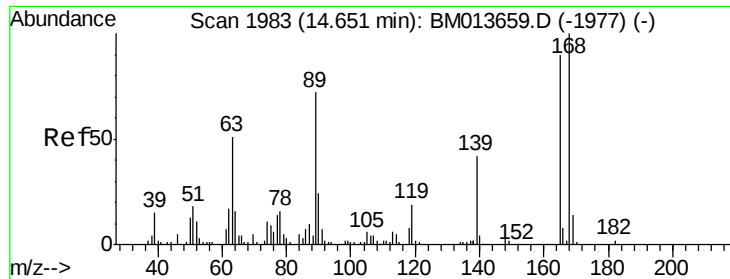
Delta R.T. -0.00 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	30.8	46.2





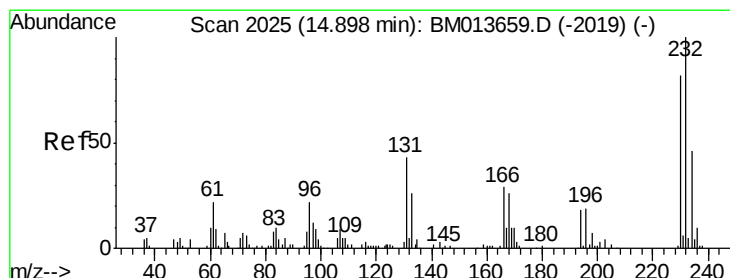
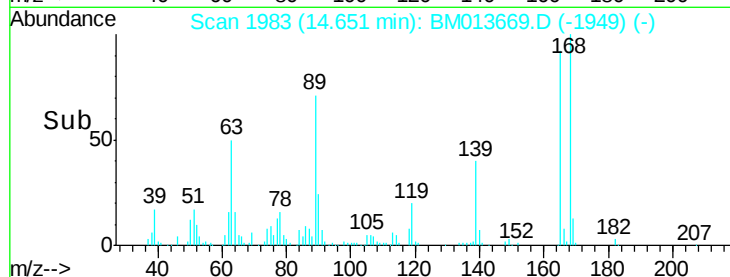
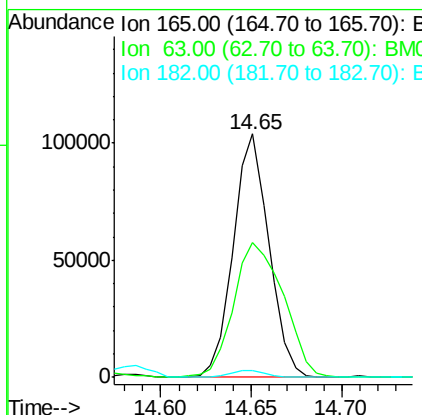
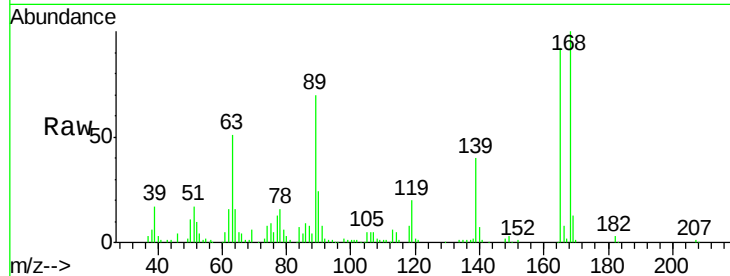
#54
2,4-Dinitrotoluene
Concen: 19.673 ng/ul
RT: 14.65 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampled :
SSTD02028

Tot Ion	Ratio	Resp	Lower	Upper
165	100	142072		
63	55.5	45.8	68.8	
182	2.9	2.6	4.0	

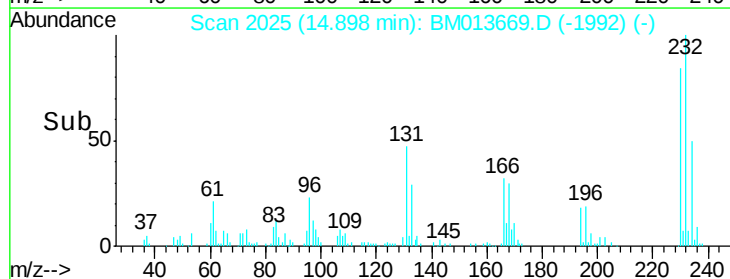
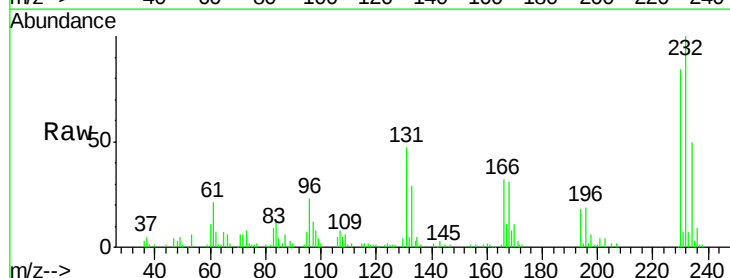
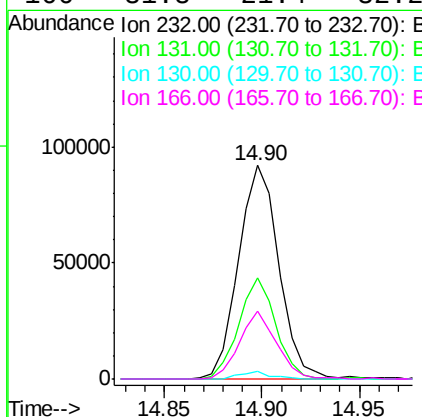
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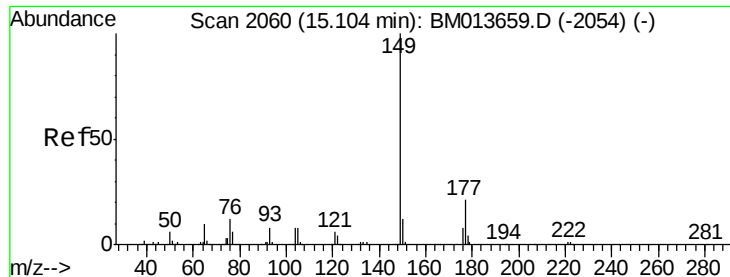
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#55
2,3,4,6-Tetrachlorophenol
Concen: 19.935 ng/ul
RT: 14.90 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	132014		
131	47.5	29.0	43.4#	
130	3.6	2.0	3.0#	
166	31.8	21.4	32.2	





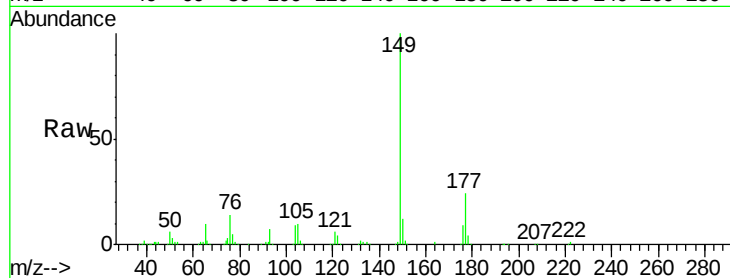
#56
Diethylphthalate
Concen: 18.802 ng/ul
RT: 15.10 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampleId :
SSTD02028

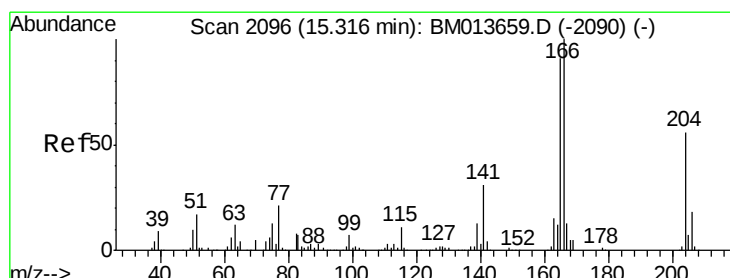
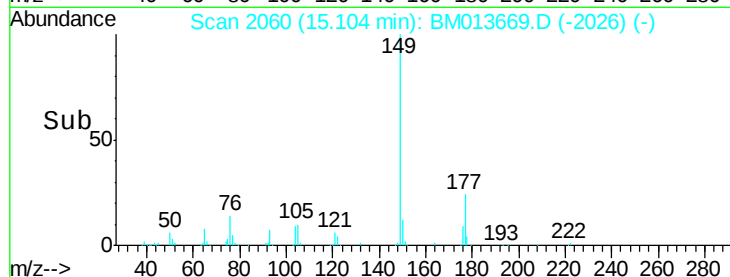
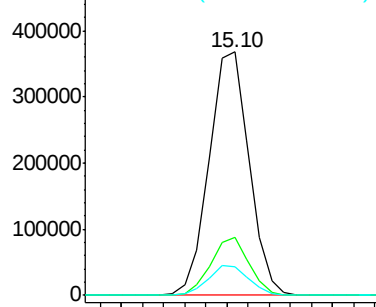
Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		483710		
177	23.8		20.5	30.7	
150	12.0		10.6	15.8	

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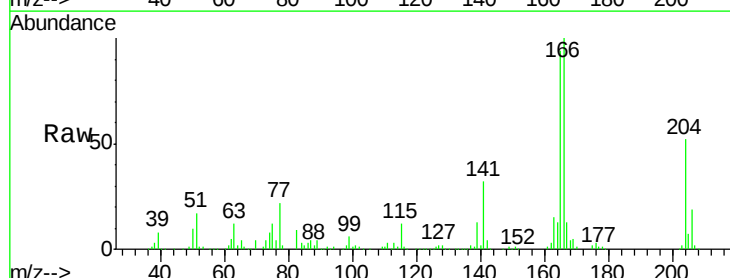


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

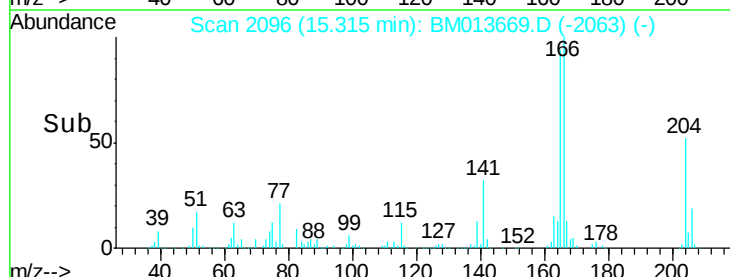
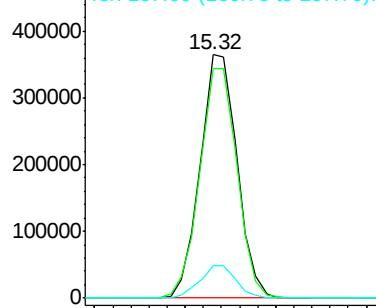


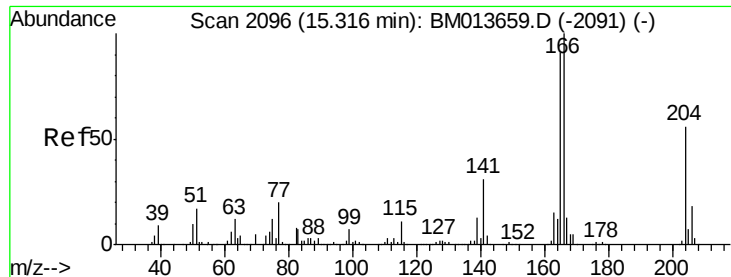
#58
Fluorene
Concen: 19.916 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		515648		
165	94.5		77.9	116.9	
167	13.4		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





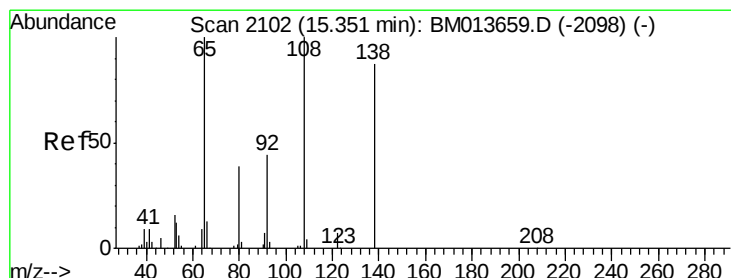
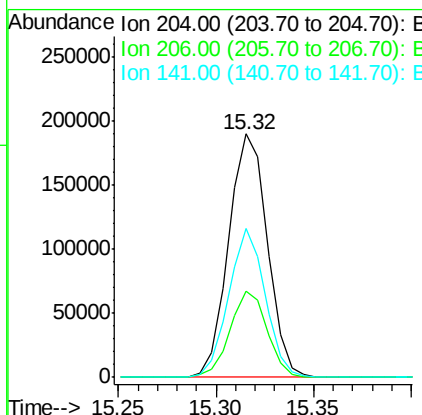
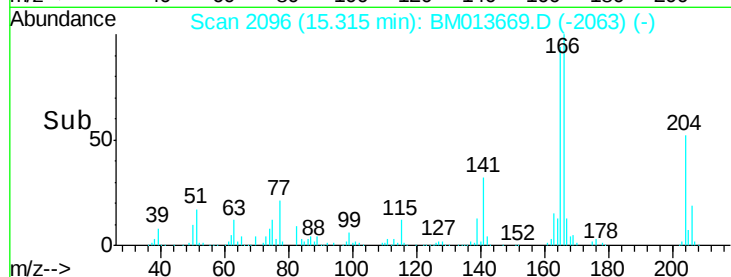
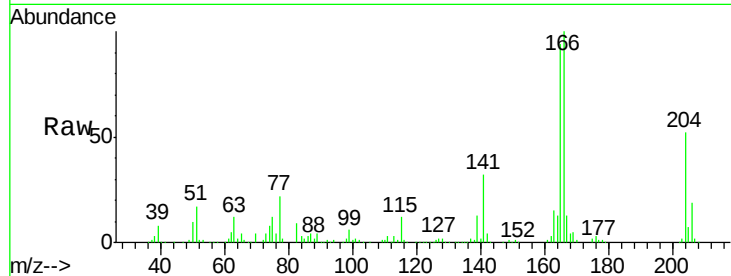
#59
 4-Chlorophenyl-phenylether
 Concen: 18.726 ng/ul
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.01 min
 Lab File: BM013669.D
 Acq: 19 Jan 2018 17:50

Instrument :
 BNA_M
 ClientSampled :
 SST02028

Tot Ion:	204	Resp:	261985
Ion Ratio		Lower	Upper
204	100		
206	35.5	24.8	37.2
141	61.1	44.3	66.5

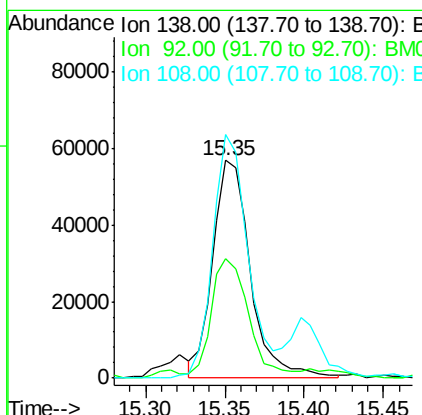
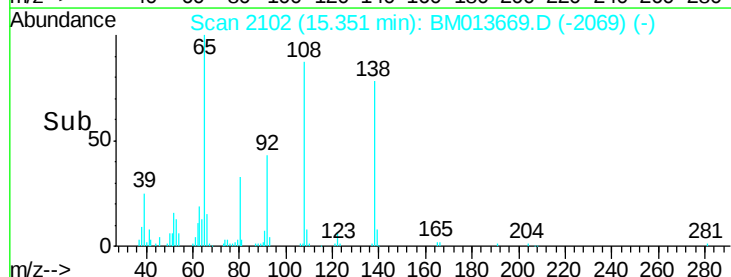
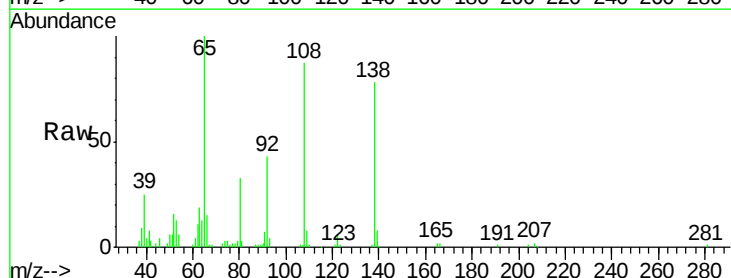
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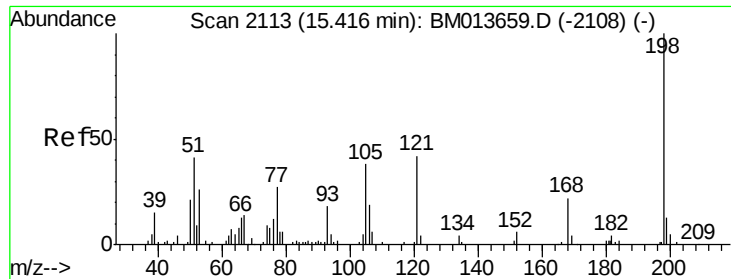
Sohil
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#60
 4-Nitroaniline
 Concen: 20.734 ng/ul
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.01 min
 Lab File: BM013669.D
 Acq: 19 Jan 2018 17:50

Tgt Ion:	138	Resp:	94518
Ion Ratio		Lower	Upper
138	100		
92	54.8	40.0	60.0
108	111.8	80.0	120.0





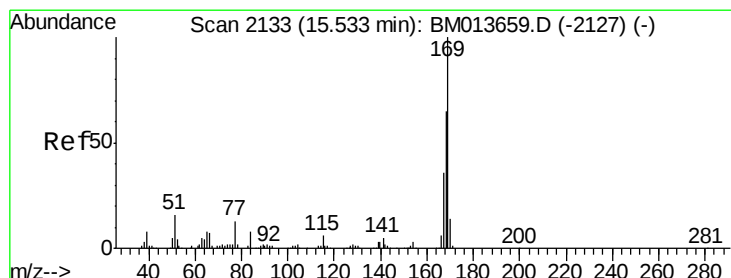
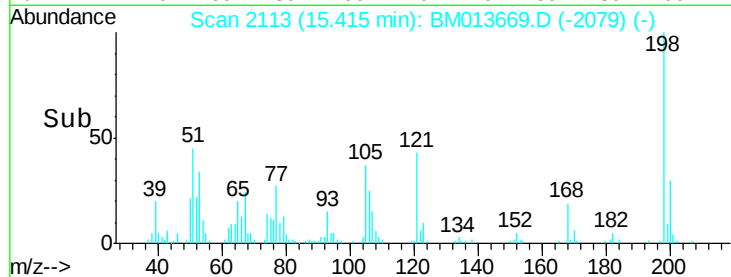
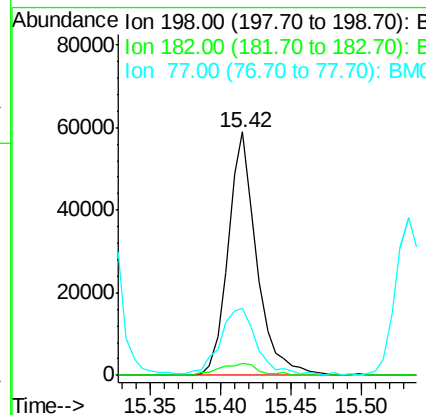
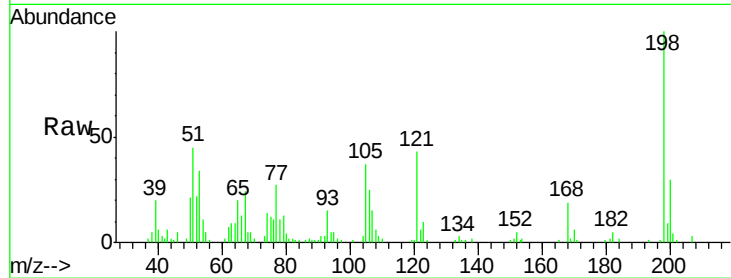
#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.099 ng/ul
 RT: 15.42 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BM013669.D
 Acq: 19 Jan 2018 17:50

Instrument :
 BNA_M
 ClientSampleId :
 SST02028

Tot Ion	Ratio	Lower	Upper
198	100		
182	4.8	3.8	5.6
77	27.3	25.2	37.8

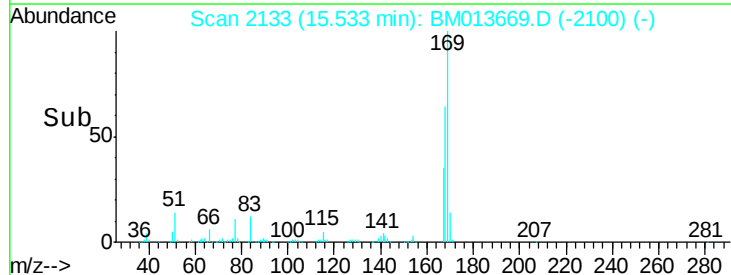
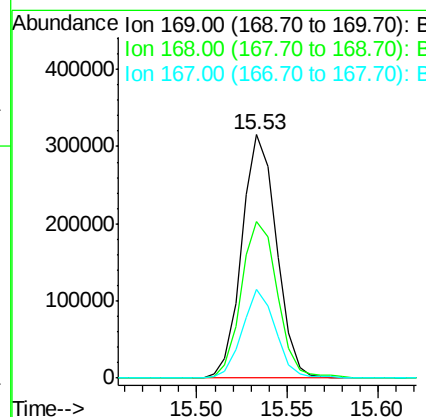
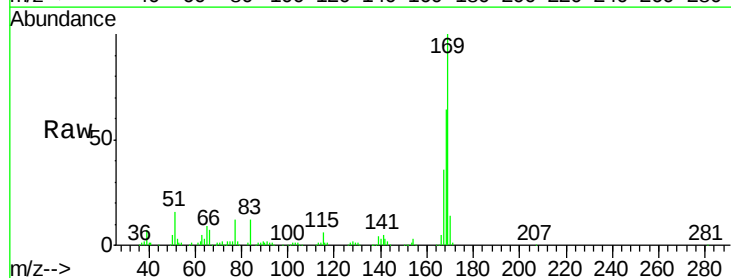
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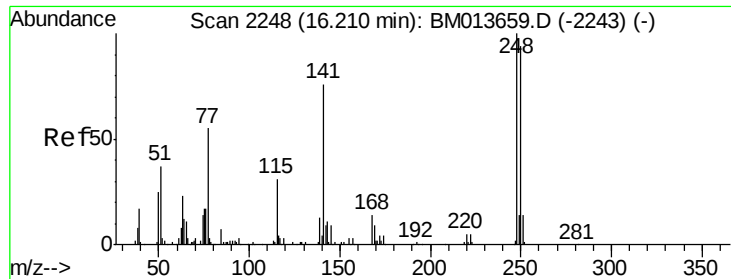
Sohil
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#64
 N-Nitrosodiphenylamine
 Concen: 19.914 ng/ul
 RT: 15.53 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM013669.D
 Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	64.3	54.0	81.0
167	36.3	29.1	43.7





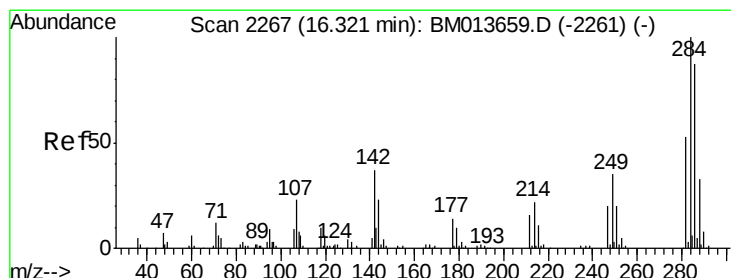
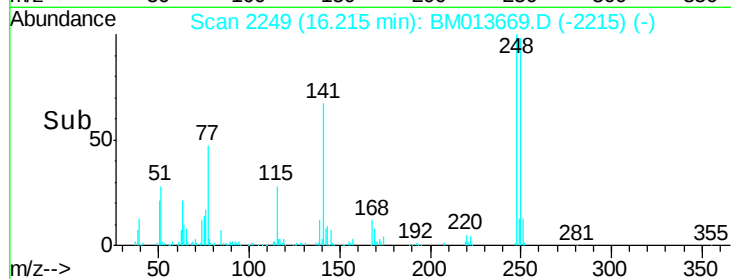
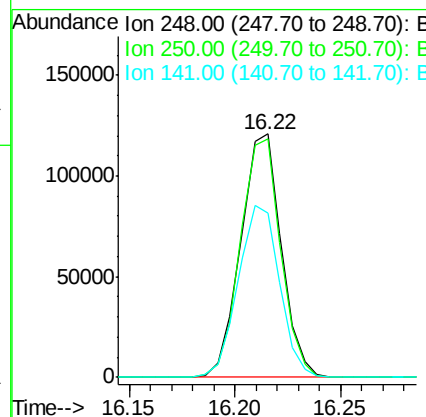
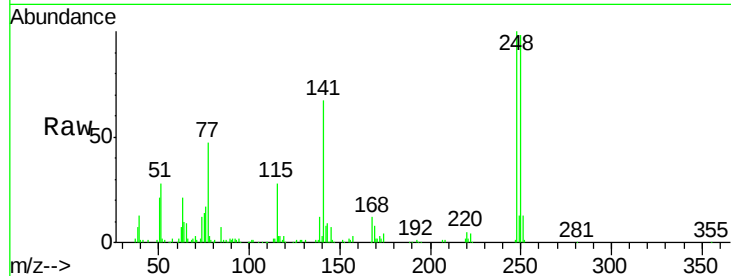
#65
4-Bromophenyl-phenylether
Concen: 18.974 ng/ul
RT: 16.22 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	80.5	120.7
141	67.4	53.6	80.4

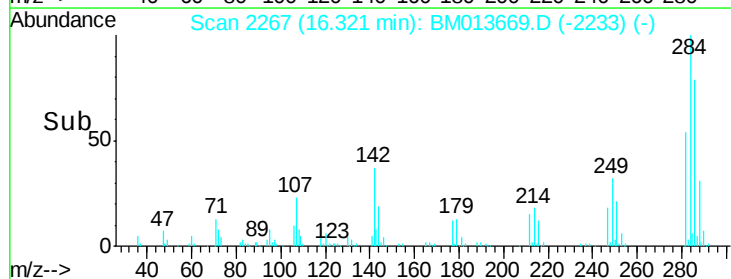
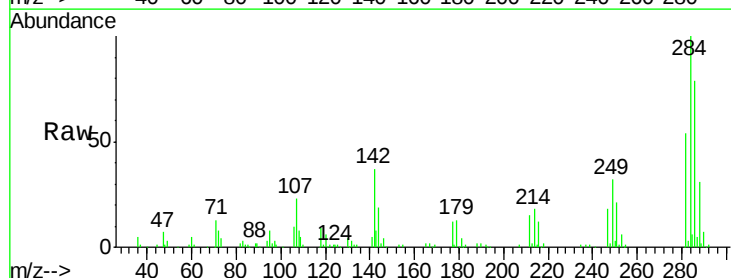
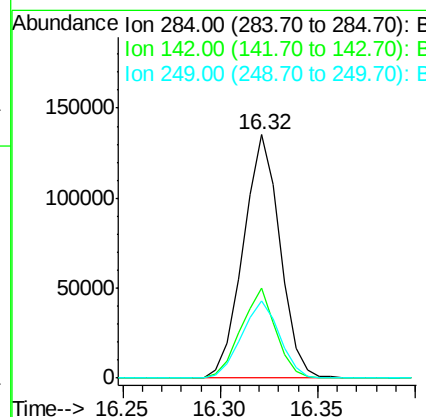
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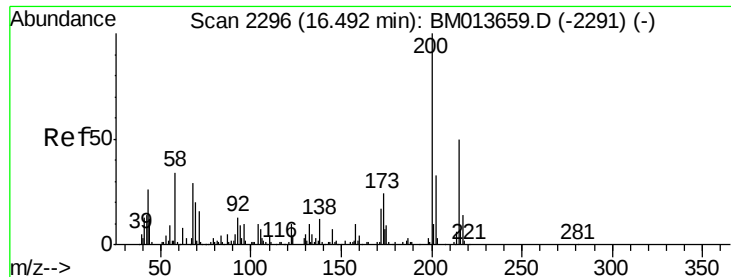
Sohil
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#66
Hexachlorobenzene
Concen: 19.352 ng/ul
RT: 16.32 min Scan# 2267
Delta R.T. -0.00 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.9	21.2	31.8#
249	31.8	24.5	36.7





#67

Atrazine

Concen: 18.937 ng/ul

RT: 16.49 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

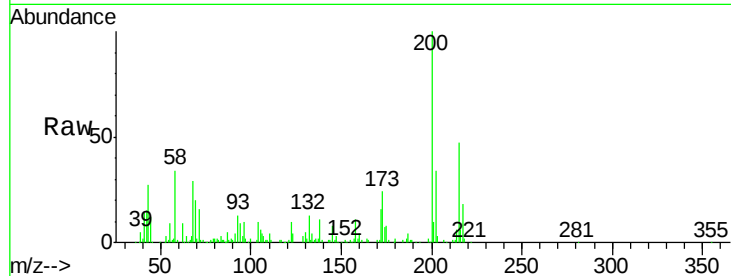
ClientSampleId :

SSTD02028

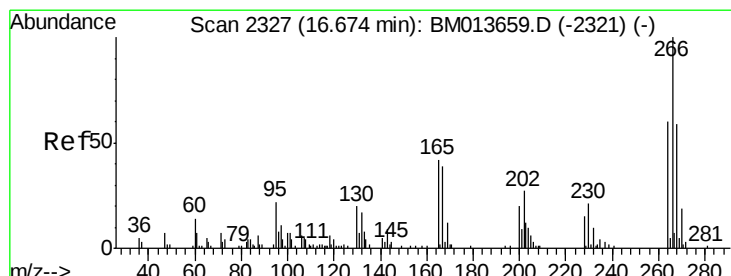
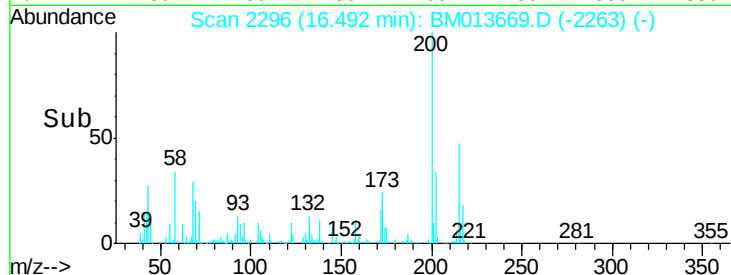
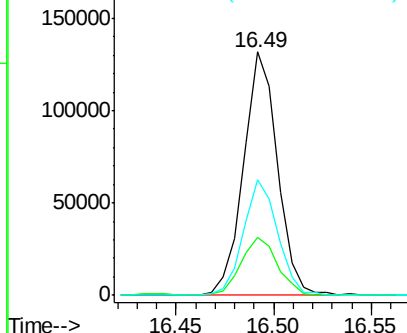
Tot Ion:	200	Resp:	159344
Ion Ratio	Lower	Upper	
200	100		
173	24.0	18.2	27.2
215	47.4	35.0	52.4

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Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 18.110 ng/ul

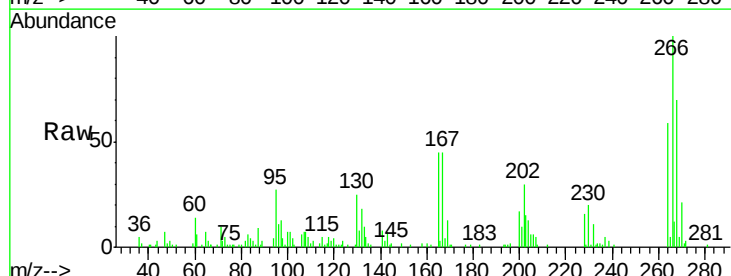
RT: 16.67 min Scan# 2327

Delta R.T. -0.00 min

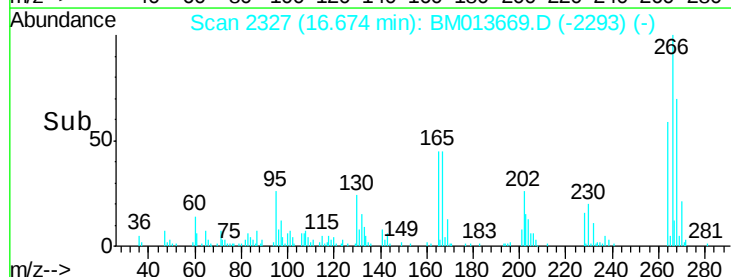
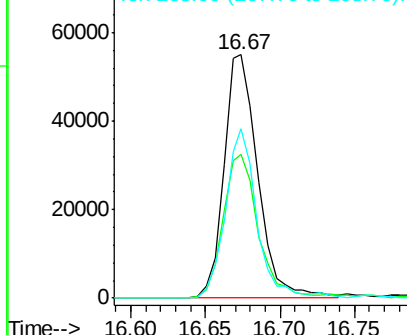
Lab File: BM013669.D

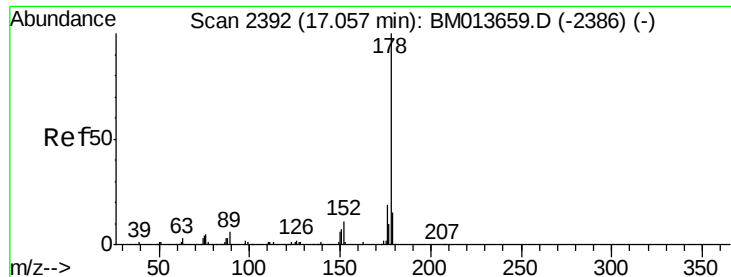
Acq: 19 Jan 2018 17:50

Tgt Ion:	266	Resp:	87705
Ion Ratio	Lower	Upper	
266	100		
264	59.3	49.3	73.9
268	69.7	52.6	78.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.683 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

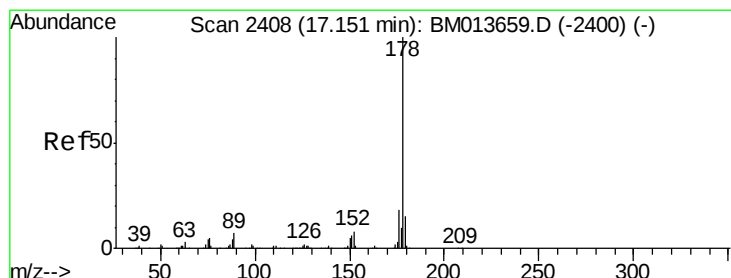
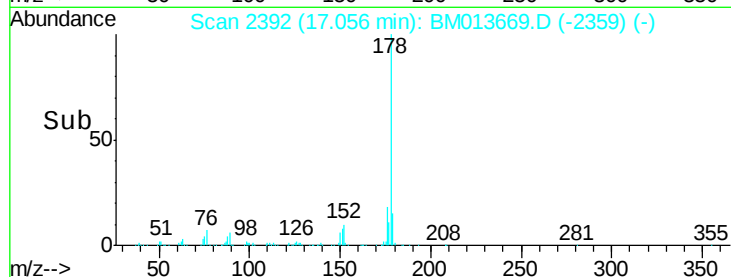
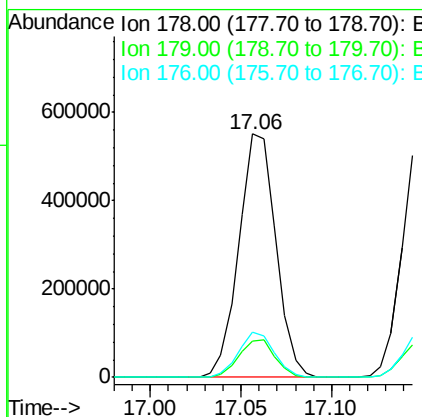
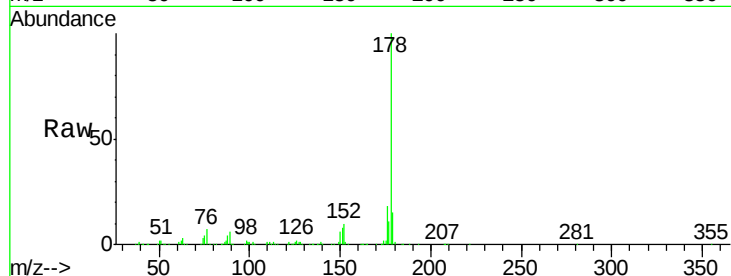
ClientSampleId :

SSTD02028

Tot Ion:	178	Resp:	784289
Ion Ratio	Lower	Upper	
178	100		
179	15.1	12.6	19.0
176	18.5	14.9	22.3

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#71

Anthracene

Concen: 19.680 ng/ul

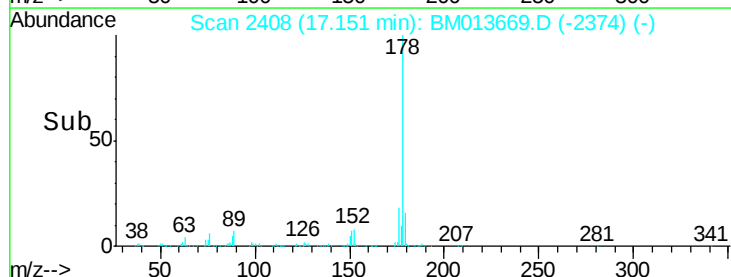
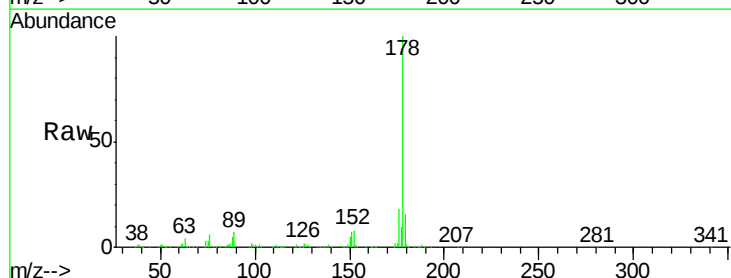
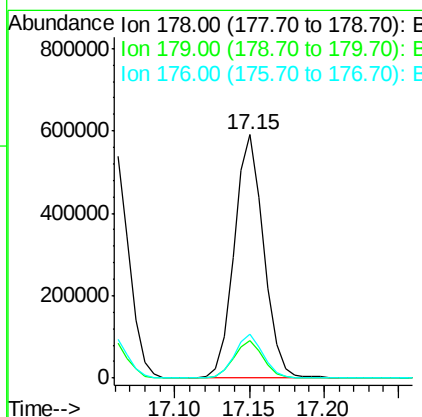
RT: 17.15 min Scan# 2408

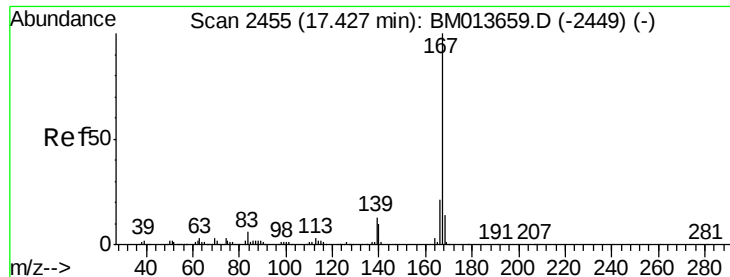
Delta R.T. -0.00 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Tgt Ion:	178	Resp:	808839
Ion Ratio	Lower	Upper	
178	100		
179	15.6	11.7	17.5
176	18.0	14.6	21.8





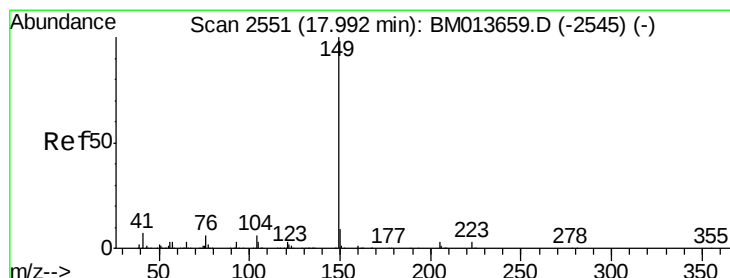
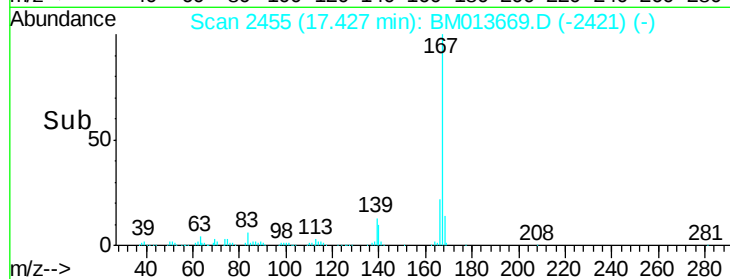
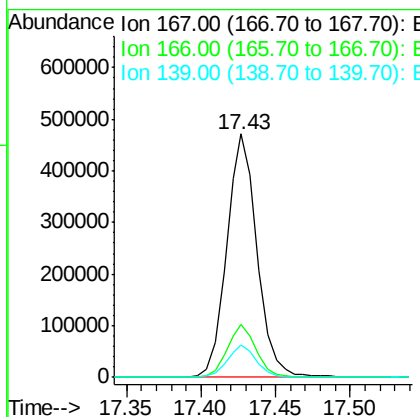
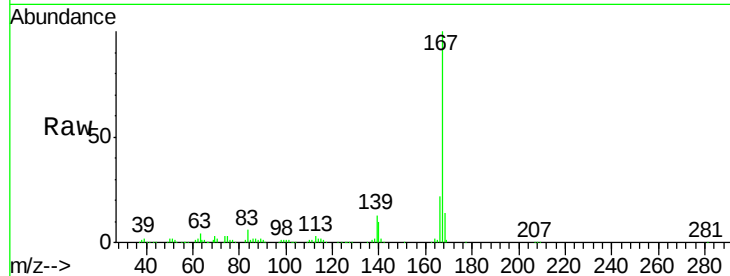
#72
 Carbazole
 Concen: 19.728 ng/ul
 RT: 17.43 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM013669.D
 Acq: 19 Jan 2018 17:50

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02028

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	13.5	10.0	15.0

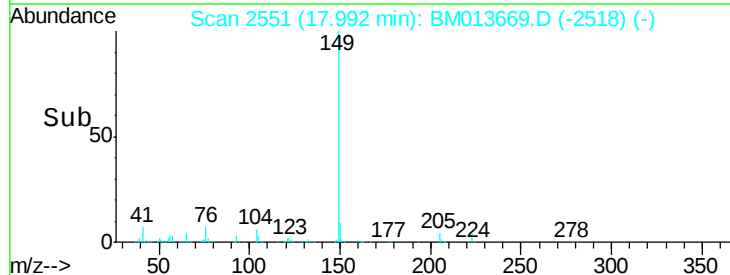
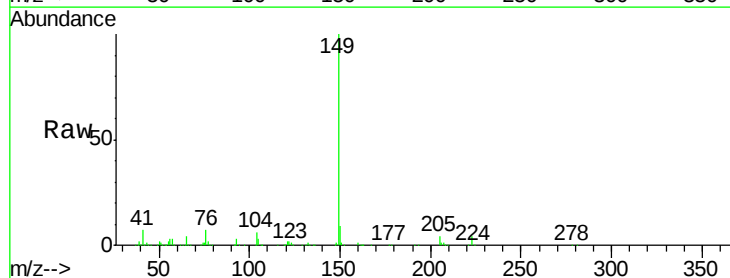
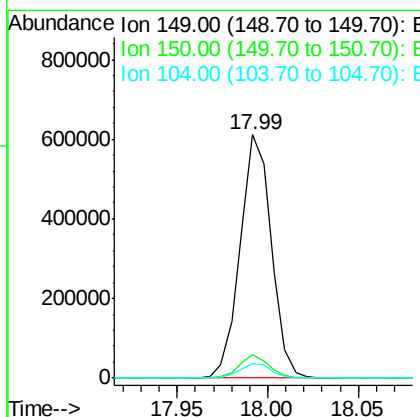
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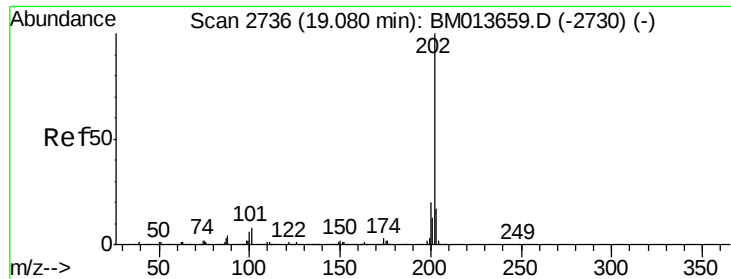
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#73
 Di-n-butylphthalate
 Concen: 18.299 ng/ul
 RT: 17.99 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM013669.D
 Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.1	10.7
104	6.2	5.6	8.4





#74

Fluoranthene

Concen: 18.920 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

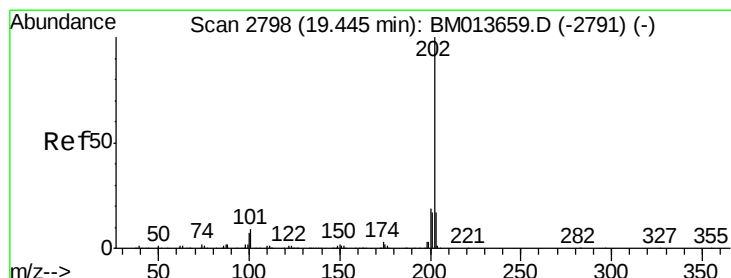
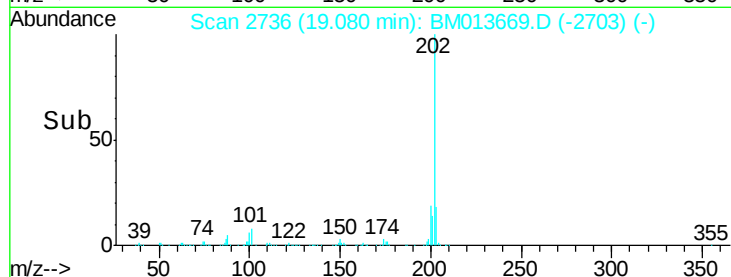
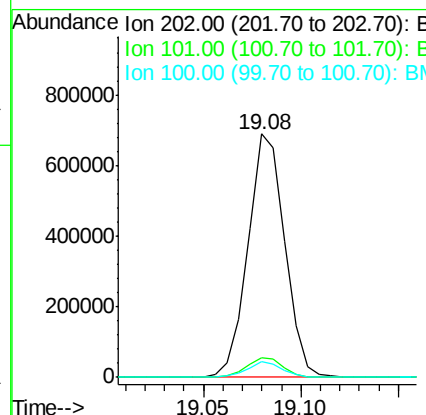
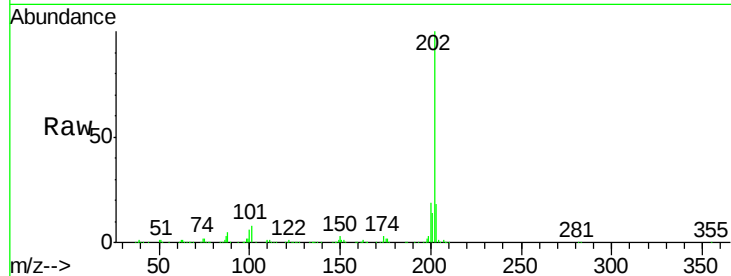
ClientSampleId :

SSTD02028

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		899878		
101	8.1	4.6	7.0#		
100	6.4	3.4	5.2#		

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#77

Pyrene

Concen: 21.140 ng/ul

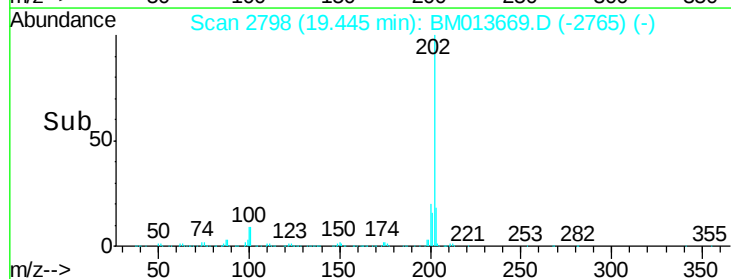
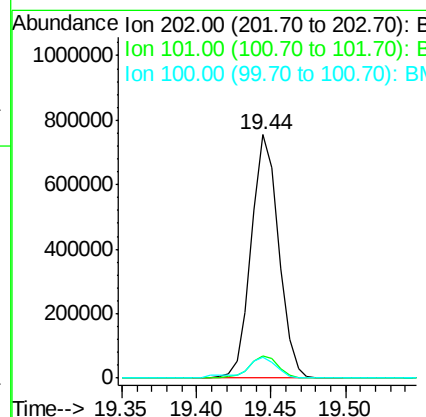
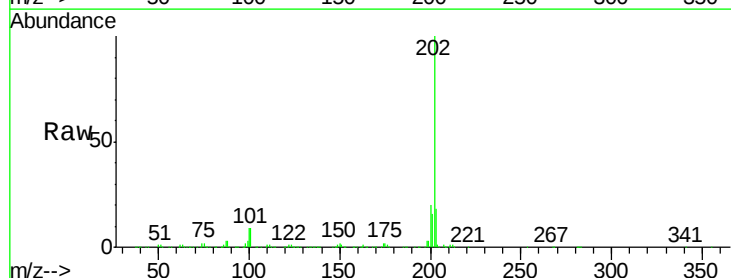
RT: 19.44 min Scan# 2798

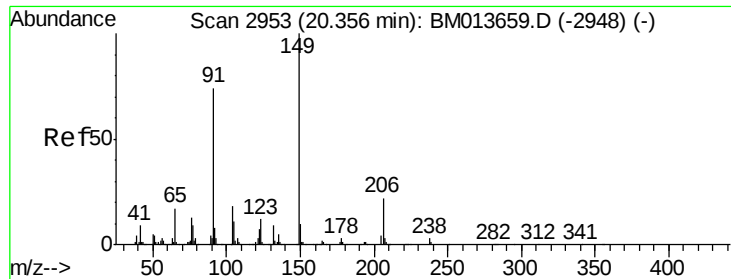
Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		954203		
101	9.3	5.1	7.7#		
100	8.7	4.9	7.3#		





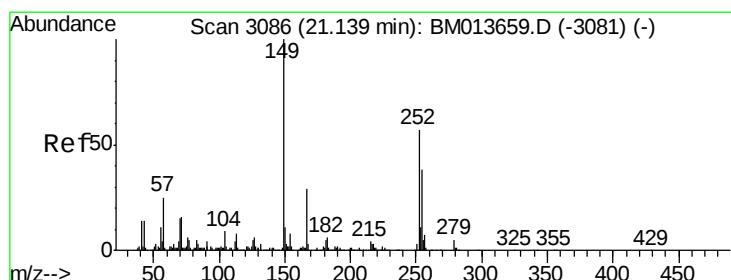
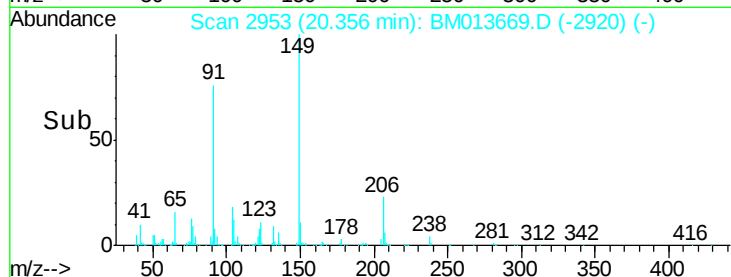
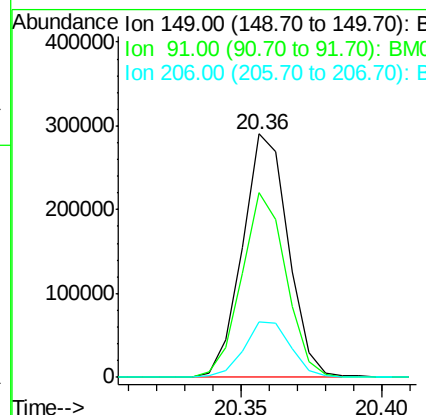
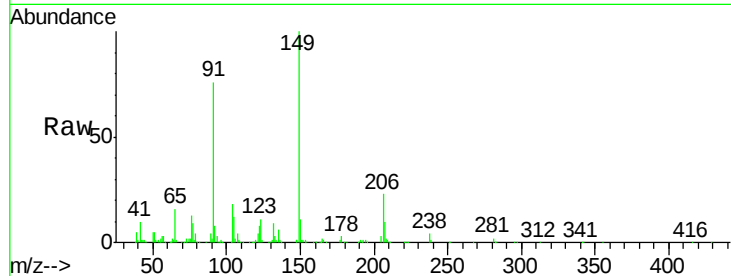
#78
Butylbenzylphthalate
Concen: 20.395 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.0	62.7	94.1
206	22.9	20.8	31.2

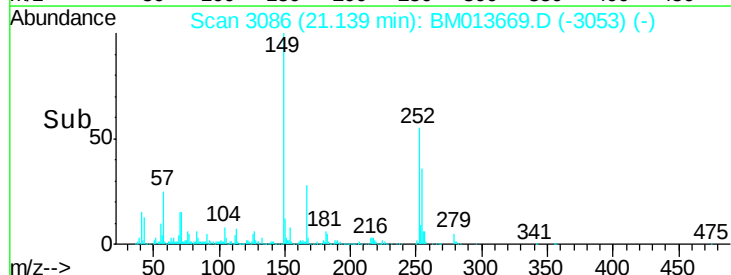
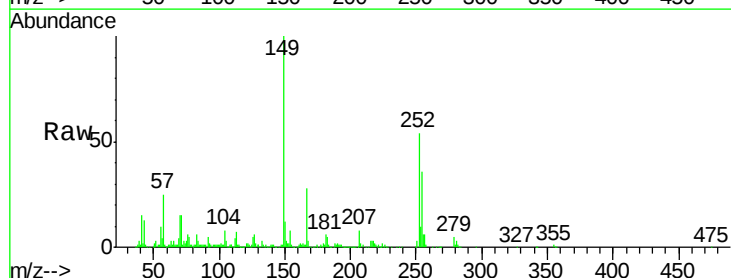
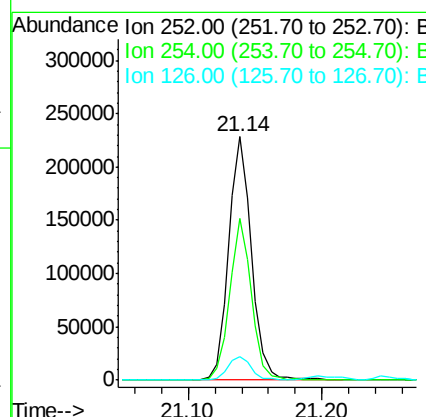
Manual Integrations
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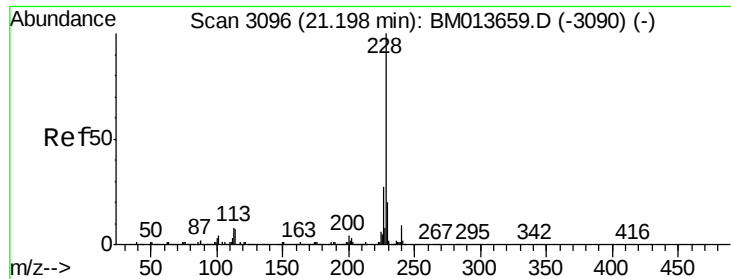
Sohil
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#79
3,3'-Dichlorobenzidine
Concen: 22.445 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.2	54.5	81.7
126	9.8	5.8	8.8





#80

Benzo(a)anthracene

Concen: 20.576 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

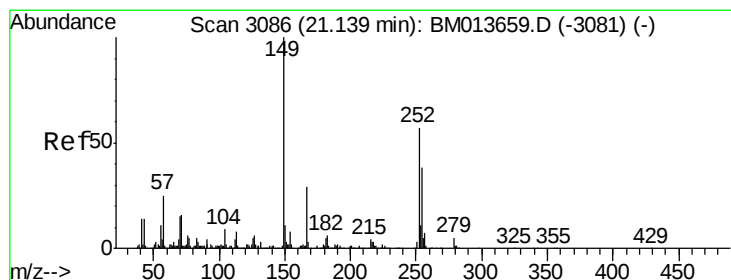
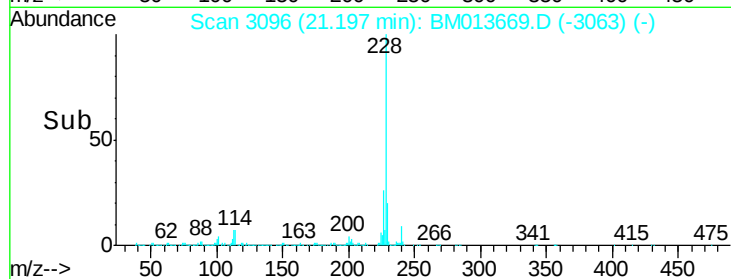
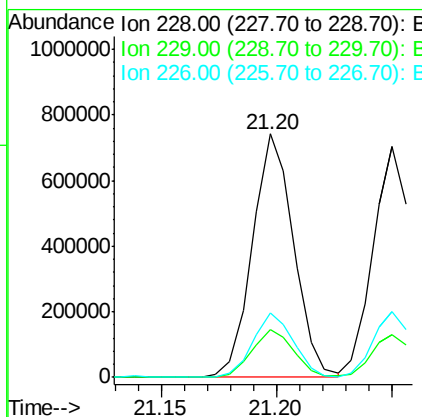
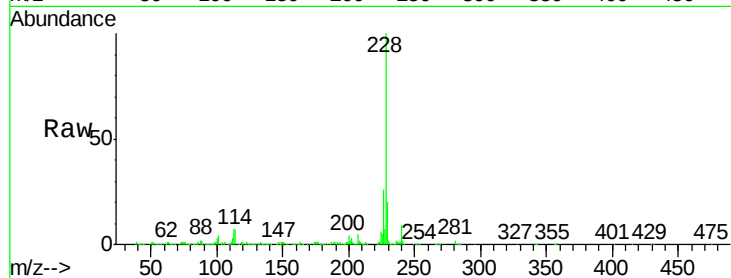
ClientSampleId :

SSTD02028

Tot Ion:	228	Resp:	923106
Ion Ratio	Lower	Upper	
228	100		
229	19.7	15.4	23.0
226	26.4	21.4	32.0

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#81

Bis(2-ethylhexyl)phthalate

Concen: 18.480 ng/ul

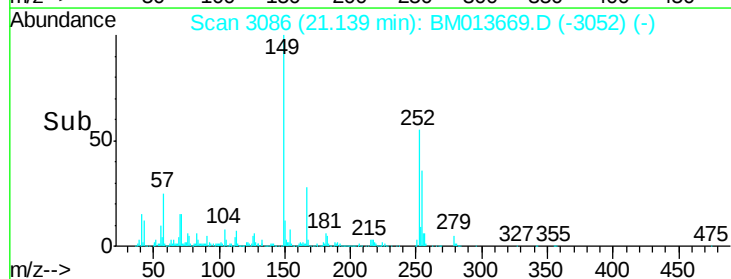
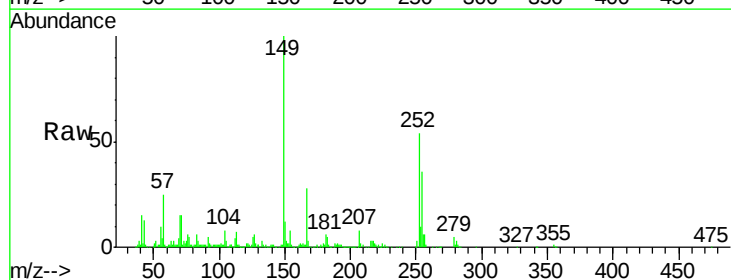
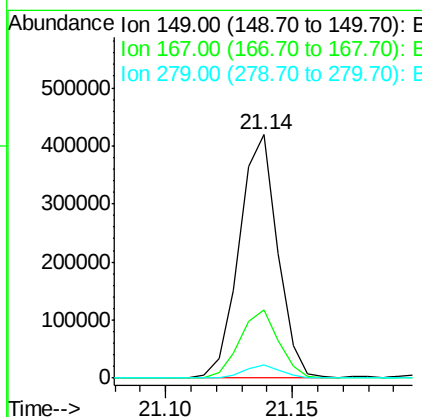
RT: 21.14 min Scan# 3086

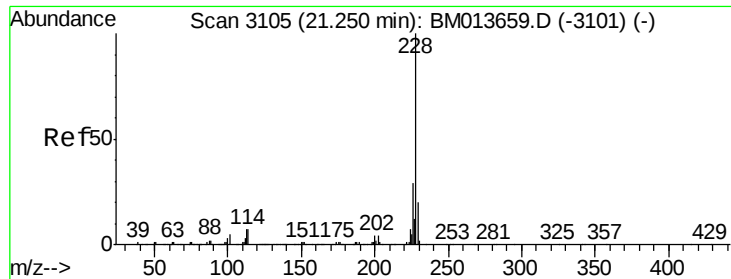
Delta R.T. -0.00 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Tgt Ion:	149	Resp:	440835
Ion Ratio	Lower	Upper	
149	100		
167	28.2	22.8	34.2
279	5.4	4.9	7.3





#82

Chrysene

Concen: 20.147 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

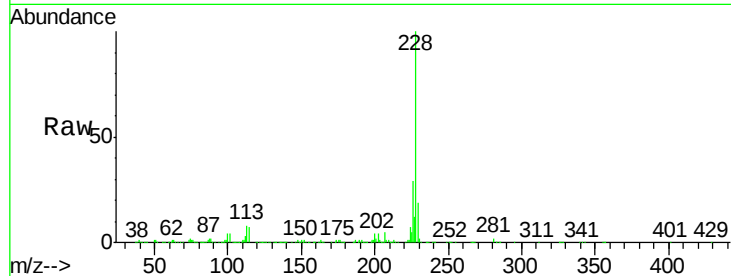
ClientSampleId :

SSTD02028

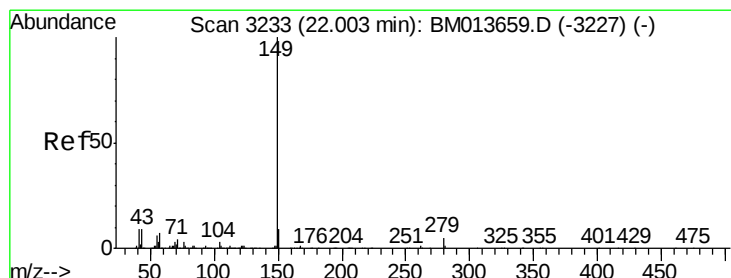
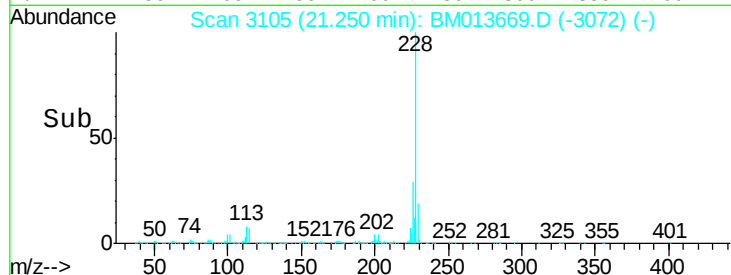
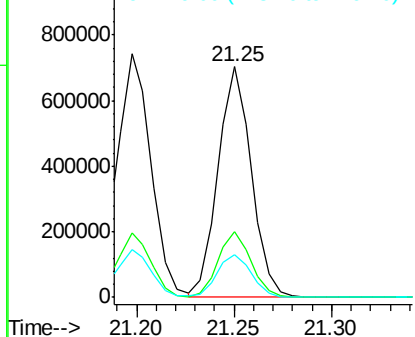
Tot Ion:	228	Resp:	829181
Ion Ratio		Lower	Upper
228	100		
226	28.7	23.4	35.2
229	18.6	15.5	23.3

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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: 17.363 ng/ul

RT: 22.01 min Scan# 3234

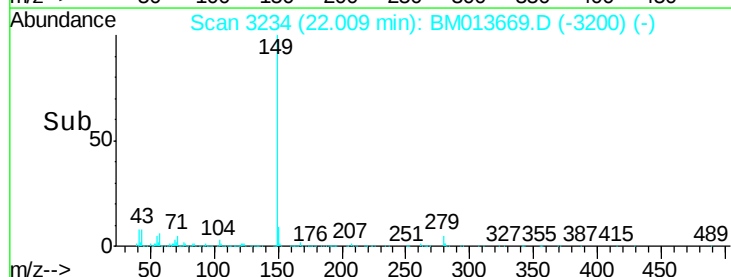
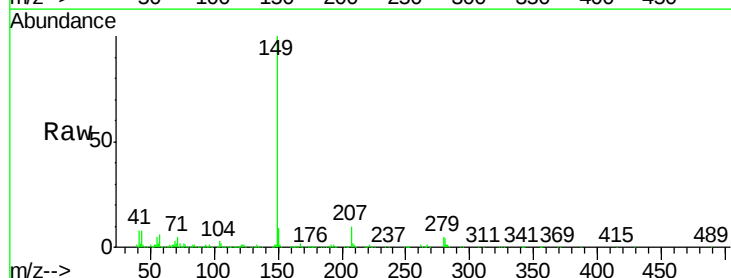
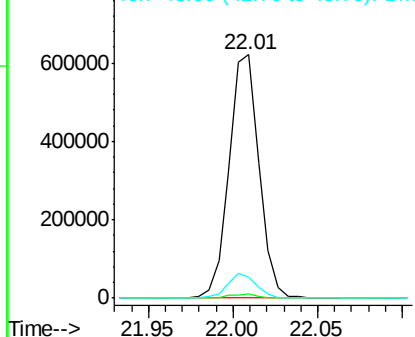
Delta R.T. -0.00 min

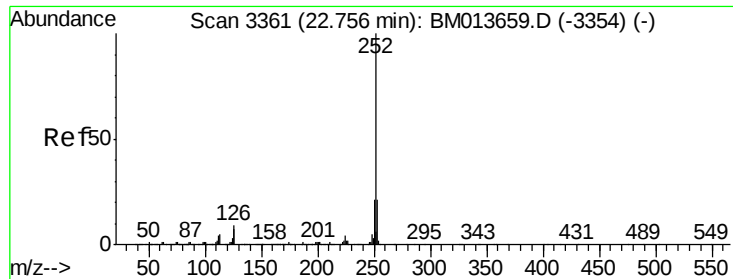
Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Tgt Ion:	149	Resp:	754616
Ion Ratio		Lower	Upper
149	100		
167	1.8	1.3	1.9
43	8.4	7.3	10.9

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 20.978 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Instrument :

BNA_M

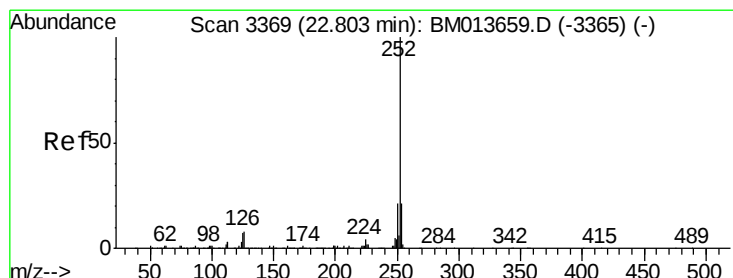
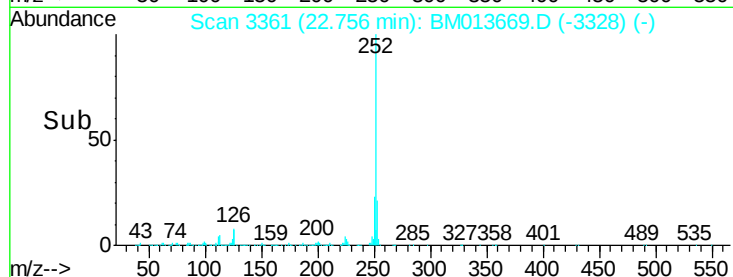
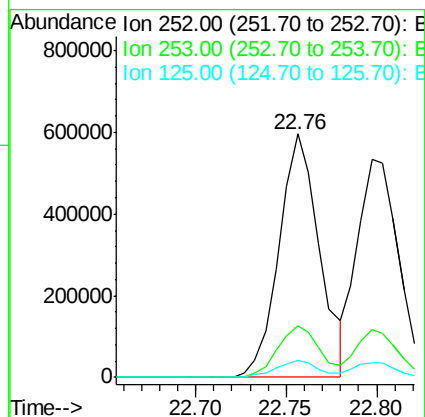
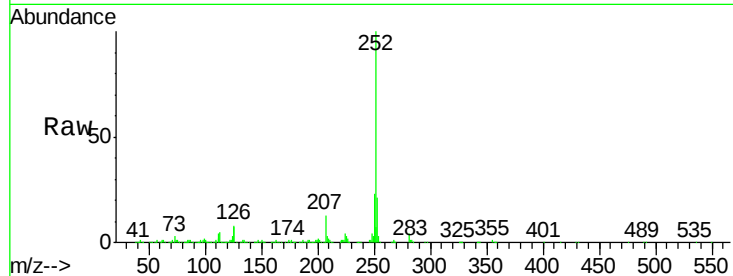
ClientSampleId :

SSTD02028

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.9	26.9
125	7.0	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 19.816 ng/ul

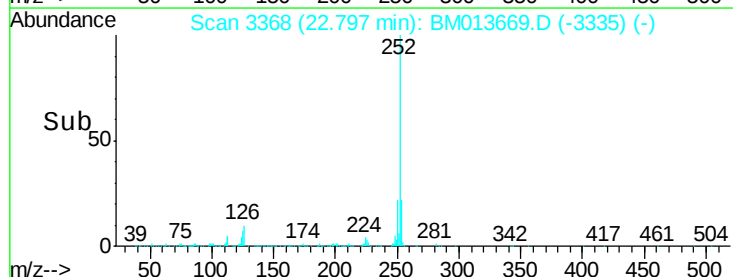
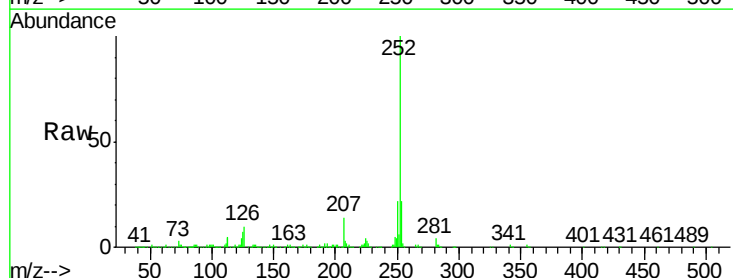
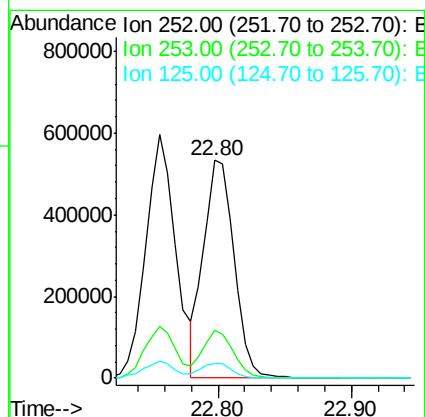
RT: 22.80 min Scan# 3368

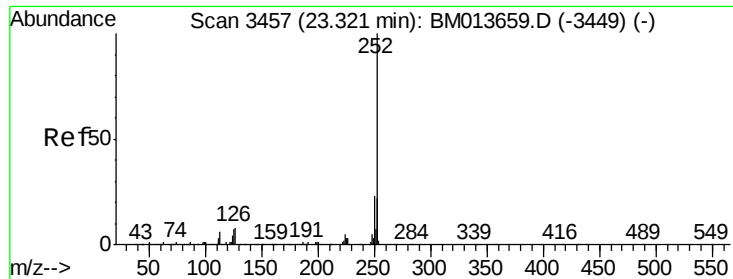
Delta R.T. -0.01 min

Lab File: BM013669.D

Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	6.8	3.4	5.2#





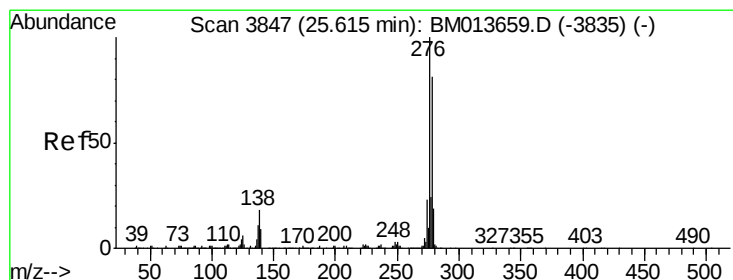
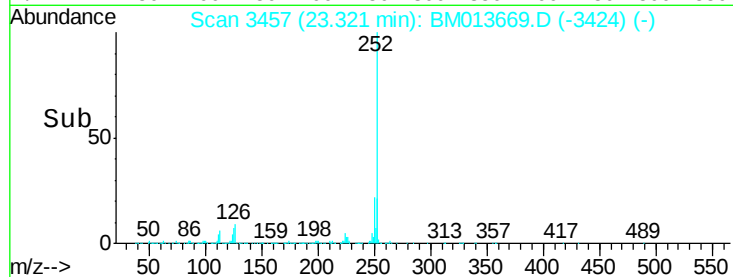
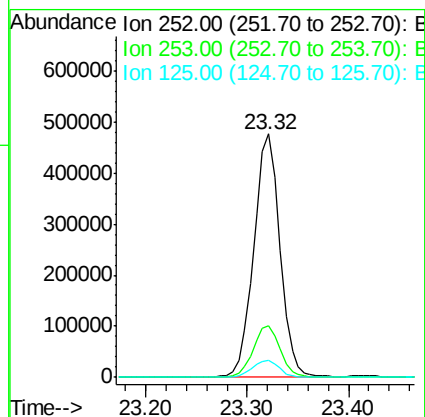
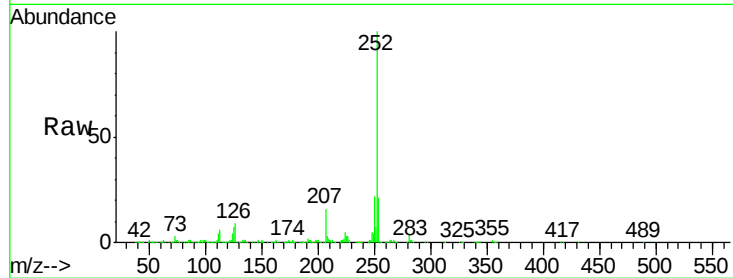
#88
Benzo(a)pyrene
Concen: 20.344 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	7.1	4.0	6.0

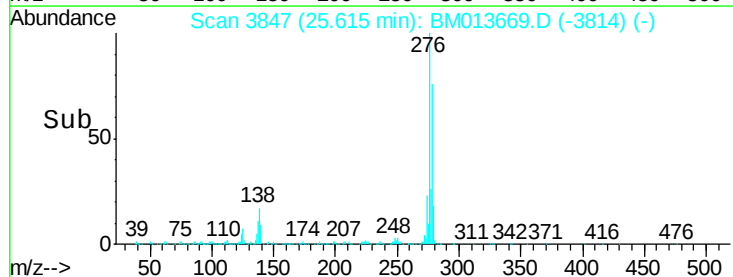
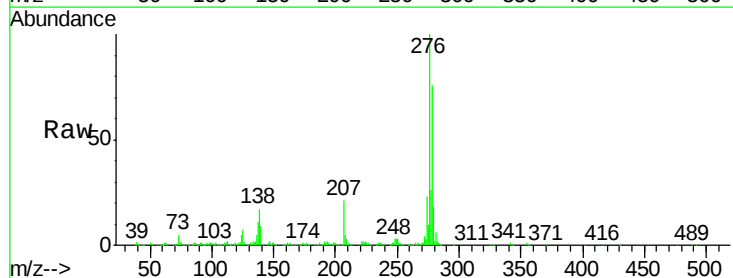
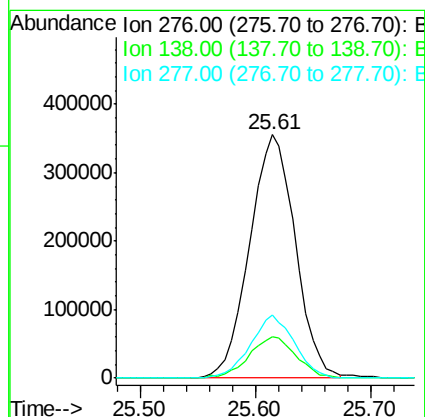
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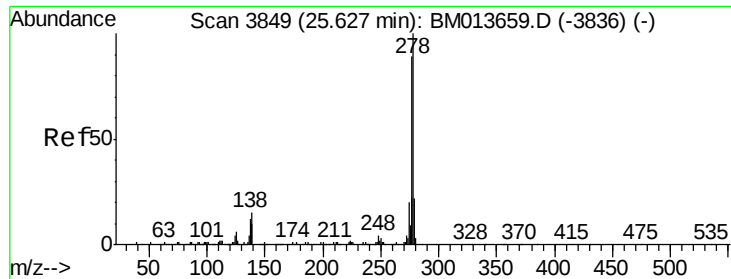
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#89
Indeno(1,2,3-cd)pyrene
Concen: 19.802 ng/ul
RT: 25.61 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.9	9.3	13.9
277	25.9	19.9	29.9





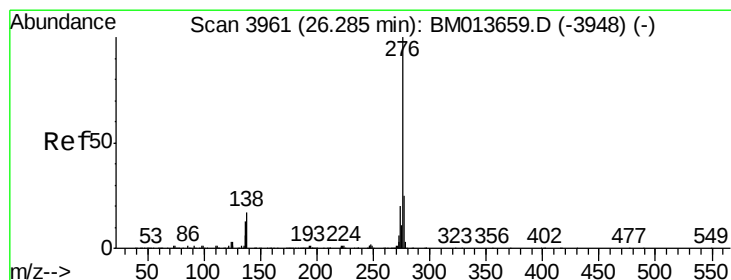
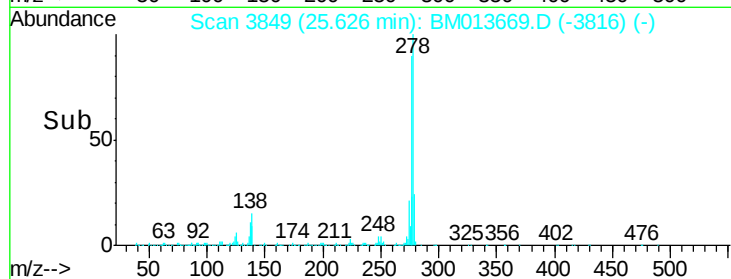
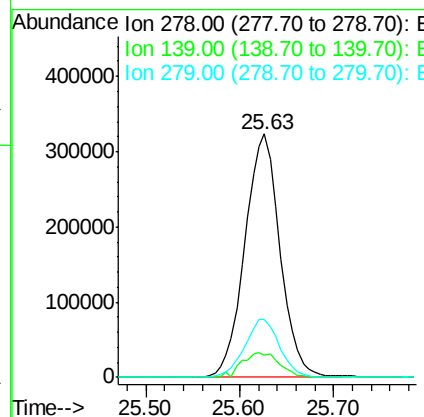
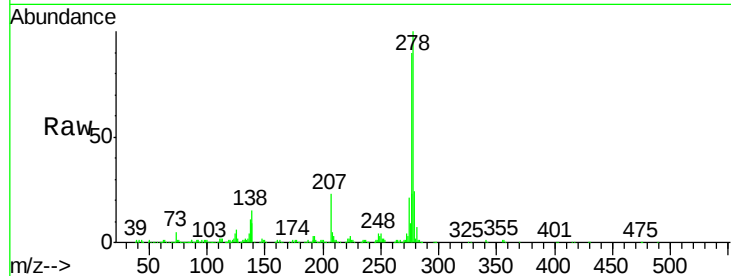
#90
Dibenzo(a,h)anthracene
Concen: 20.136 ng/ul
RT: 25.63 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Instrument :
BNA_M
ClientSampleId :
SSTD02028

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.2	5.8	8.8#
279	23.7	18.6	27.8

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#91
Benzo(g,h,i)perylene
Concen: 20.052 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. -0.01 min
Lab File: BM013669.D
Acq: 19 Jan 2018 17:50

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	8.5	12.7#
277	23.8	18.6	28.0

