

Data Path : Z:\HPCHEM1\BNA M\Data\BM012718\
 Data File : BM013910.D
 Acq On : 28 Jan 2018 06:40
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02051

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:40 PM

Quant Time: Jan 29 03:06:16 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jan 28 02:49:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	131282	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	517879	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	337462	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	761837	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	706257	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	666914	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	20312	6.12	ng/uL	0.00
5) Phenol-d5	6.77	99	177540	17.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	108395	17.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	155063	18.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	145072	18.72	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	74577	18.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	83072	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	172041	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	171272	24.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	537823	19.34	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	662345	18.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	63223	13.99	ng/ul	0.00
57) Fluorene-d10	15.23	176	470416	19.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	75629	16.49	ng/ul	0.00
70) Anthracene-d10	17.09	188	711372m	19.17	ng/ul	0.00
76) Pyrene-d10	19.39	212	717402	21.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	609905	19.90	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.18	88	23491m	6.456	ng/uL
4) Benzaldehyde	6.74	77	139944	20.064	ng/ul#
6) Phenol	6.79	94	183353	18.138	ng/ul
8) Bis(2-Chloroethyl)ether	7.02	93	140094	17.711	ng/ul
10) 2-Chlorophenol	7.15	128	151990	18.570	ng/ul
11) 2-Methylphenol	8.03	108	142004	19.057	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.12	45	132649	16.481	ng/ul#
14) Acetophenone	8.40	105	240757	18.778	ng/ul
15) N-Nitroso-di-n-propylamine	8.39	70	124707	19.937	ng/ul#
16) 4-Methylphenol	8.36	108	148059	18.583	ng/ul
17) Hexachloroethane	8.64	117	71827	18.029	ng/ul
20) Nitrobenzene	8.78	77	197434	19.019	ng/ul
21) Isophorone	9.30	82	324861	19.368	ng/ul
23) 2-Nitrophenol	9.49	139	87458	19.764	ng/ul
24) 2,4-Dimethylphenol	9.55	107	188822	20.239	ng/ul
25) Bis(2-Chloroethoxy)methane	9.79	93	196743	19.241	ng/ul#
27) 2,4-Dichlorophenol	10.02	162	160233	20.269	ng/ul#
28) Naphthalene	10.40	128	513685	19.938	ng/ul
30) 4-Chloroaniline	10.53	127	169233	23.981	ng/ul
31) Hexachlorobutadiene	10.68	225	135534	20.886	ng/ul
32) Caprolactam	11.31	113	41370m	18.811	ng/ul
33) 4-Chloro-3-methylphenol	11.67	107	165711	20.678	ng/ul
34) 2-Methylnaphthalene	12.03	142	392410	20.428	ng/ul

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 Misc :
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Instrument :
 BNA_M
 ClientSampleId :
 SSTD02051

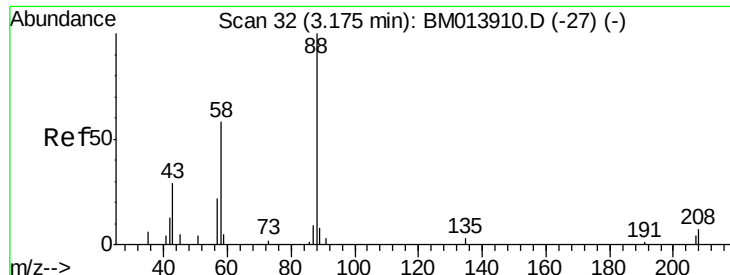
Manual Integrations
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 1/29/2018 6:04:40 PM

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 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	242059	19.358	ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	74238	14.301	ng/ul	91
38) 2,4,6-Trichlorophenol	12.66	196	148451	20.510	ng/ul	95
39) 2,4,5-Trichlorophenol	12.73	196	145364	19.301	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	528404	18.811	ng/ul	98
41) 2-Chloronaphthalene	13.10	162	419833	19.119	ng/ul	98
42) 2-Nitroaniline	13.32	65	113912	18.806	ng/ul	96
44) Dimethylphthalate	13.70	163	528872	19.340	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	101089	19.076	ng/ul	91
47) Acenaphthylene	13.95	152	610821	18.823	ng/ul	98
48) 3-Nitroaniline	14.16	138	85653	20.552	ng/ul#	93
49) Acenaphthene	14.30	153	423249	18.832	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	35173	11.579	ng/ul	92
52) 4-Nitrophenol	14.49	109	73927	16.100	ng/ul#	70
53) Dibenzofuran	14.63	168	644435	19.060	ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	147115	19.044	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.87	232	142861	20.167	ng/ul#	91
56) Diethylphthalate	15.07	149	520233	18.904	ng/ul	97
58) Fluorene	15.29	166	525356	18.969	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	287994	19.244	ng/ul	99
60) 4-Nitroaniline	15.33	138	82227	16.862	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	15.39	198	75625	15.624	ng/ul	93
64) N-Nitrosodiphenylamine	15.50	169	444202	19.825	ng/ul	98
65) 4-Bromophenyl-phenylether	16.18	248	181511	20.172	ng/ul	94
66) Hexachlorobenzene	16.29	284	196112	20.248	ng/ul#	93
67) Atrazine	16.47	200	175708	19.648	ng/ul	96
68) Pentachlorophenol	16.64	266	83058	16.138	ng/ul	99
69) Phenanthrene	17.03	178	800888	18.912	ng/ul	99
71) Anthracene	17.12	178	822332	18.827	ng/ul	97
72) Carbazole	17.40	167	638186	17.700	ng/ul	99
73) Di-n-butylphthalate	17.96	149	819591	19.328	ng/ul	99
74) Fluoranthene	19.06	202	889769	17.602	ng/ul#	97
77) Pyrene	19.42	202	908879	21.169	ng/ul#	95
78) Butylbenzylphthalate	20.33	149	321103	21.231	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.12	252	247080	21.148	ng/ul#	96
80) Benzo(a)anthracene	21.17	228	850900	19.939	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.11	149	460685	20.302	ng/ul	96
82) Chrysene	21.23	228	761607	19.454	ng/ul	98
84) Di-n-octyl phthalate	21.97	149	736117	18.315	ng/ul	99
85) Benzo(b)fluoranthene	22.72	252	820998m	20.045	ng/ul	
86) Benzo(k)fluoranthene	22.77	252	767525	19.388	ng/ul	99
88) Benzo(a)pyrene	23.28	252	765415	19.783	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.56	276	884056	19.356	ng/ul	97
90) Dibenzo(a,h)anthracene	25.56	278	754377	19.560	ng/ul#	97
91) Benzo(g,h,i)perylene	26.22	276	739257	19.667	ng/ul#	97

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



#2

1,4-Dioxane

Concen: 6.456 ng/uL m

RT: 3.18 min Scan# 32

Delta R.T. -0.00 min

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Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

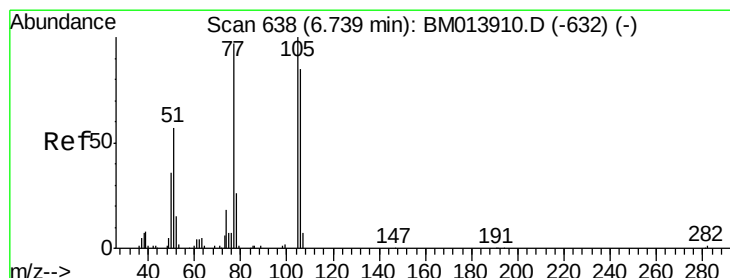
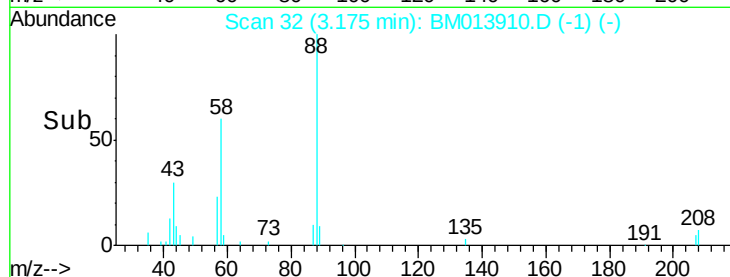
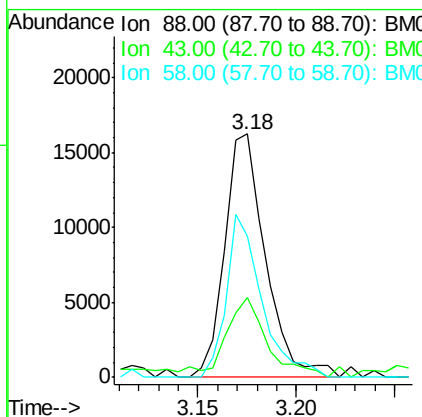
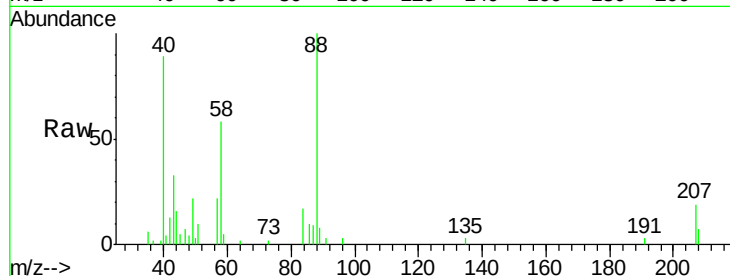
ClientSampleId :

SSTD02051

Tot Ion	88	Resp	23491
Ion Ratio	100	Lower	Upper
88	100		
43	31.8	48.0	72.0#
58	58.1	80.0	120.0#

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#4

Benzaldehyde

Concen: 20.064 ng/uL

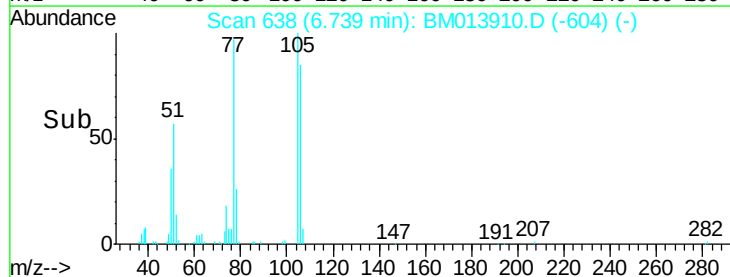
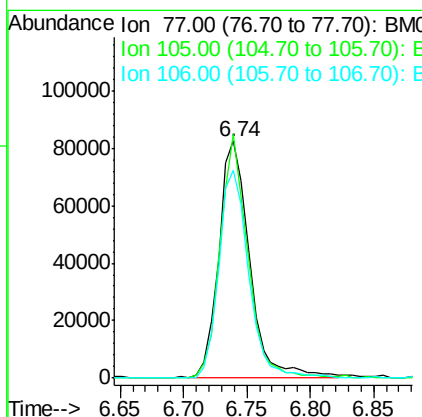
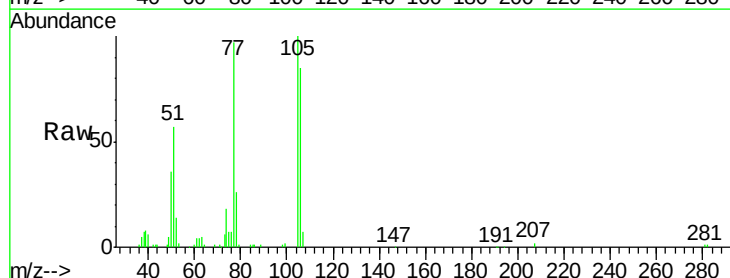
RT: 6.74 min Scan# 638

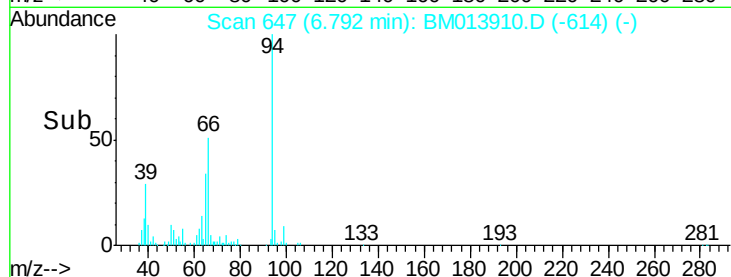
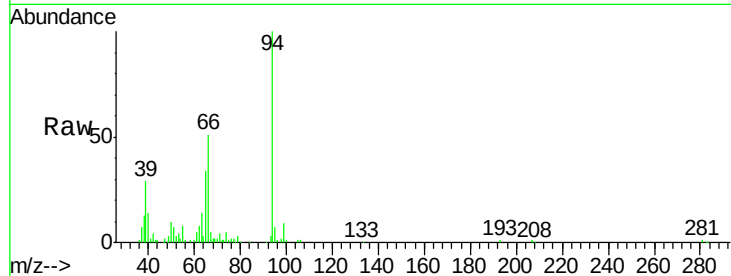
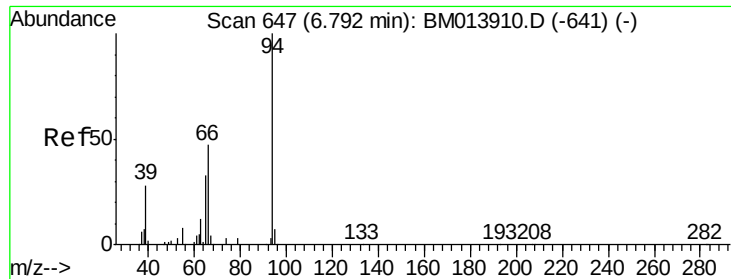
Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion	77	Resp	139944
Ion Ratio	100	Lower	Upper
77	100		
105	102.7	66.1	99.1#
106	87.6	67.8	101.6





#6

Phenol

Concen: 18.138 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tot Ion:	94	Resp:	183353
Ion Ratio	Lower	Upper	
94	100		
65	33.9	28.2	42.4
66	51.1	47.2	70.8

Instrument :

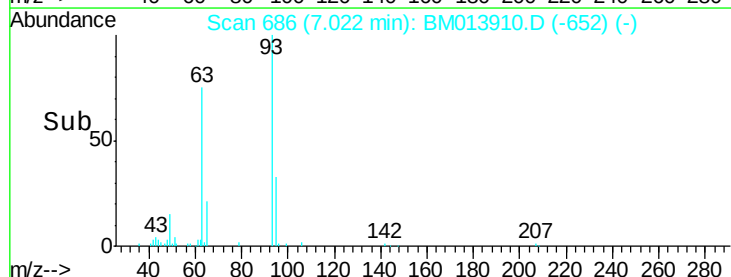
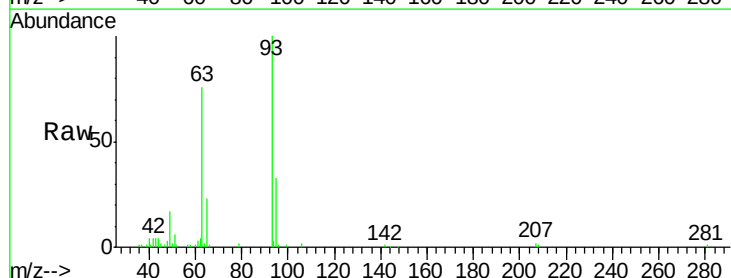
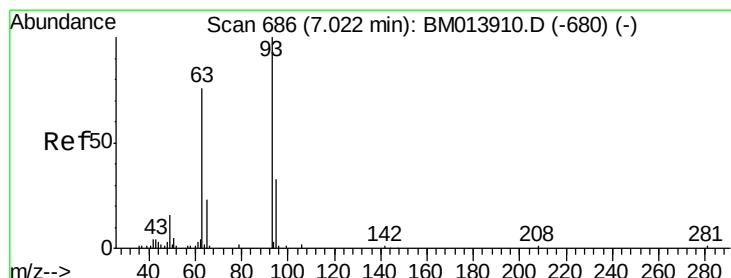
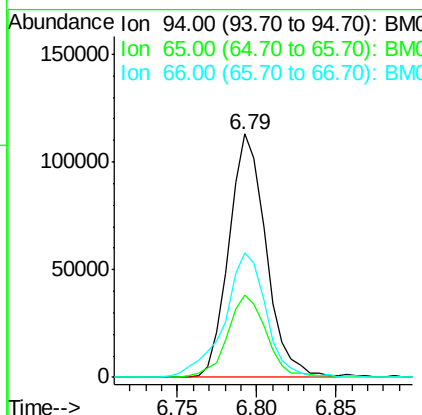
BNA_M

ClientSampled :

SSTD02051

Manual Integrations
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#8

Bis(2-Chloroethyl)ether

Concen: 17.711 ng/ul

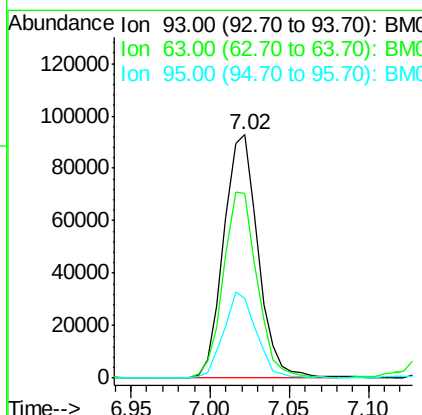
RT: 7.02 min Scan# 686

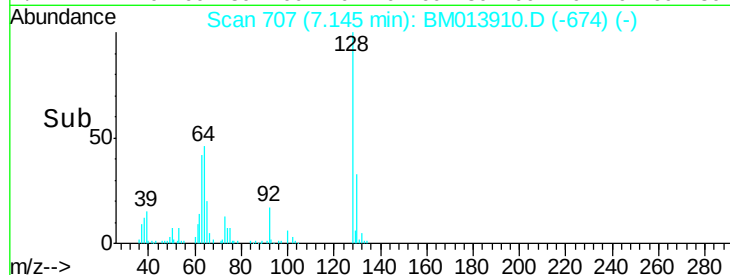
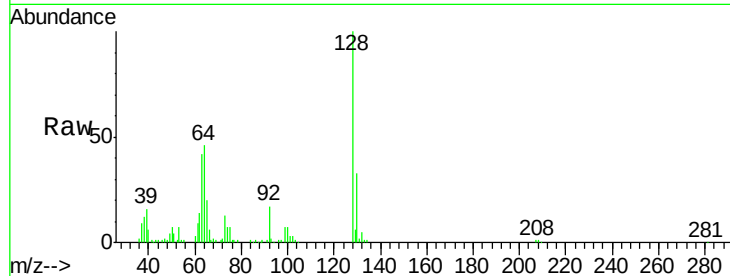
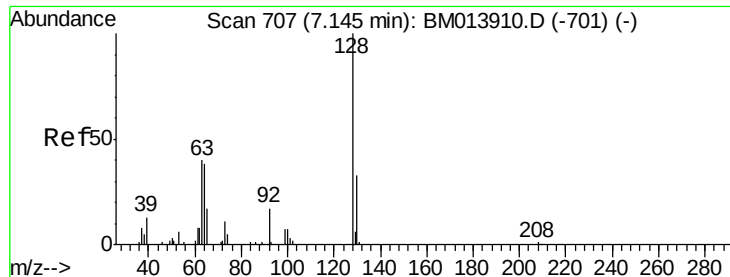
Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	93	Resp:	140094
Ion Ratio	Lower	Upper	
93	100		
63	76.0	57.3	85.9
95	33.0	26.6	39.8





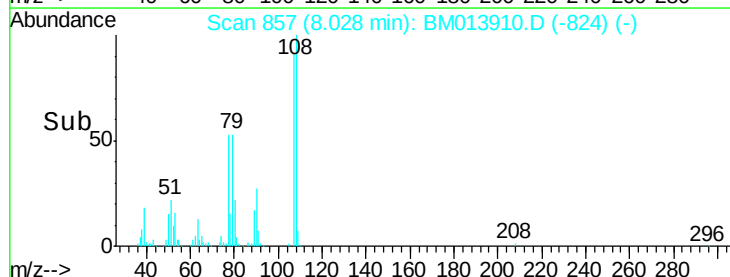
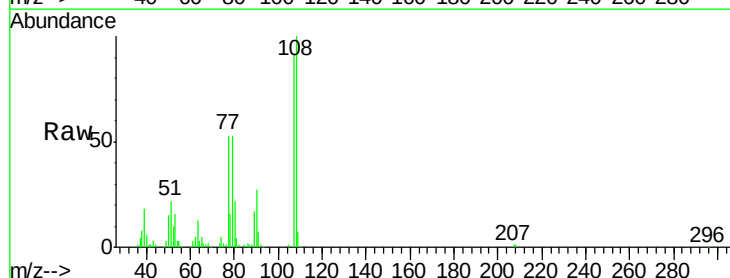
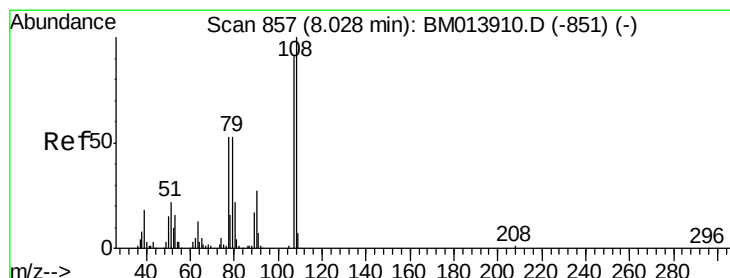
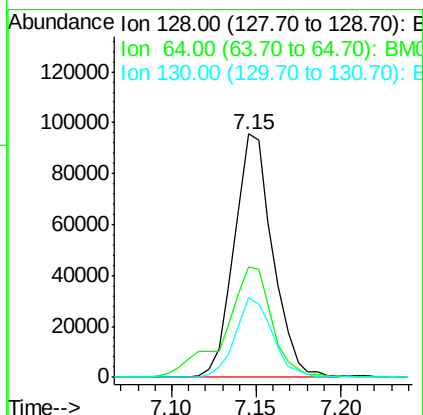
#10
2-Chlorophenol
Concen: 18.570 ng/ul
RT: 7.15 min Scan# 707
Delta R.T. -0.01 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Tot Ion	Ratio	Lower	Upper
128	100		
64	45.6	38.0	57.0
130	32.9	24.4	36.6

Instrument :
BNA_M
ClientSampleId :
SSTD02051

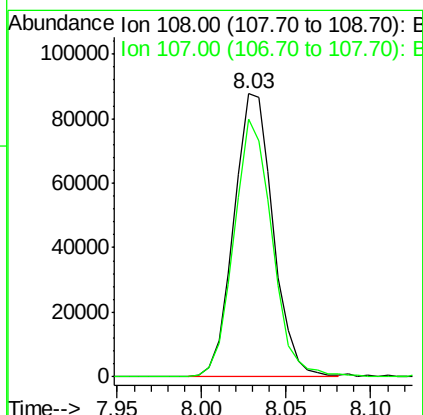
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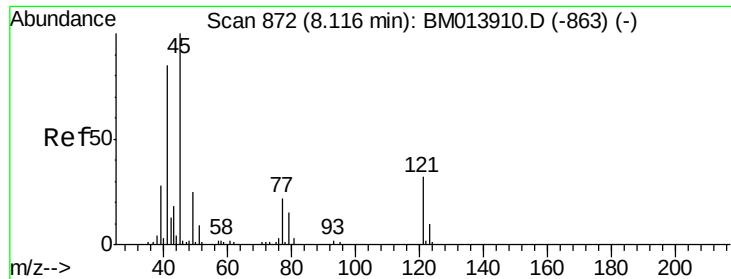
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#11
2-Methylphenol
Concen: 19.057 ng/ul
RT: 8.03 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Lower	Upper
108	100		
107	91.1	72.6	108.8





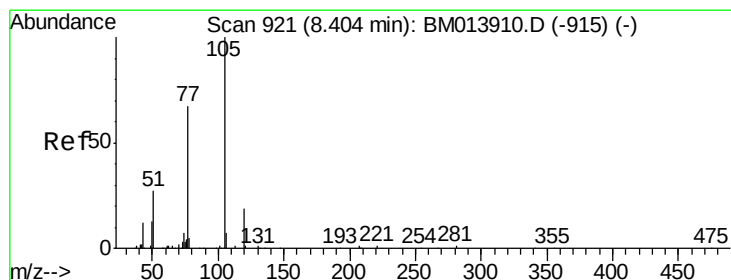
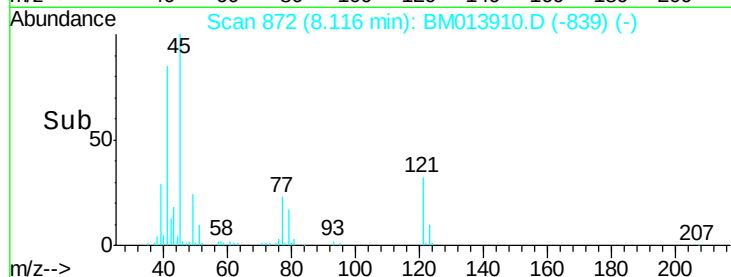
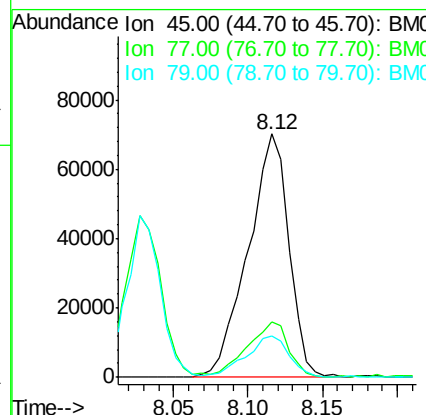
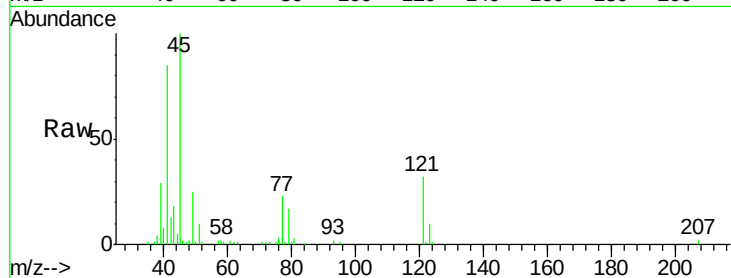
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 16.481 ng/ul
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tot Ion	Ratio	Resp Lower	Upper
45	100		
77	23.0	8.0	12.0#
79	16.8	8.0	12.0#

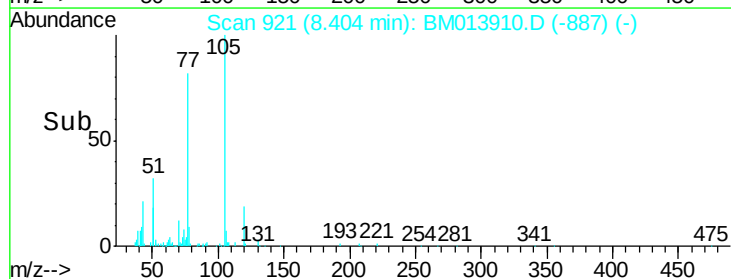
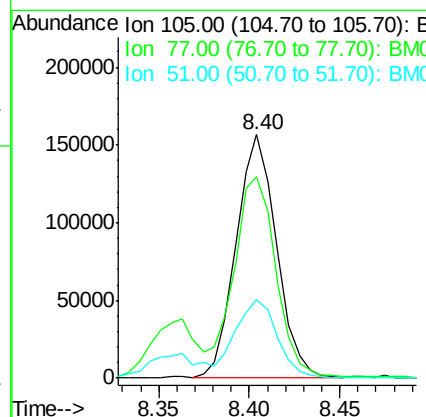
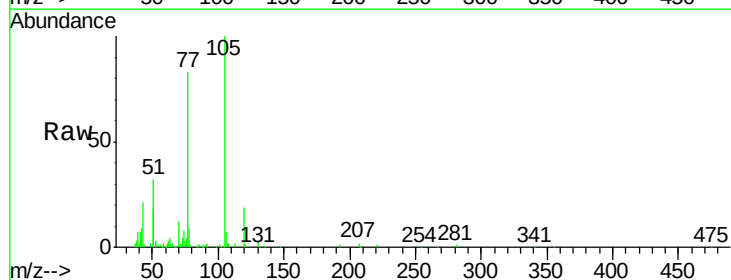
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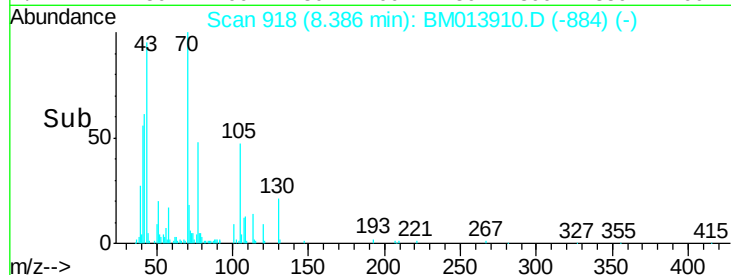
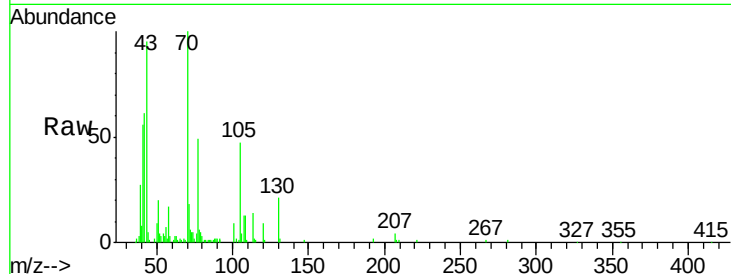
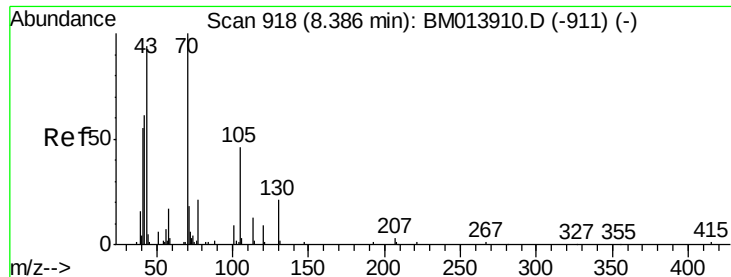
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#14
Acetophenone
Concen: 18.778 ng/ul
RT: 8.40 min Scan# 921
Delta R.T. -0.00 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
77	82.7	74.2	111.4
51	32.2	23.4	35.2





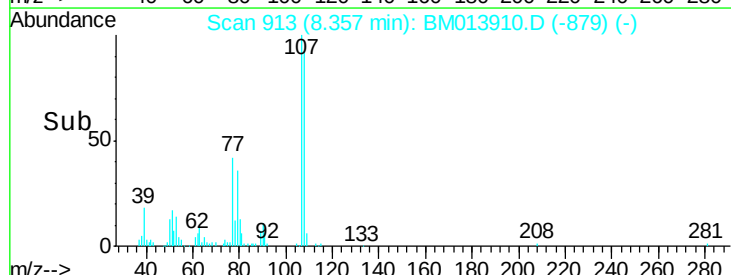
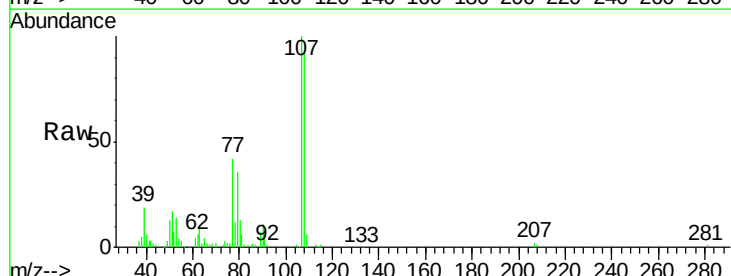
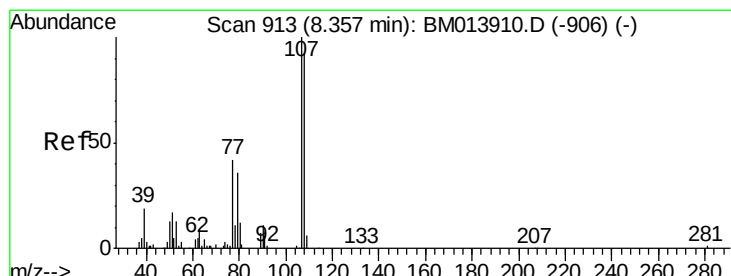
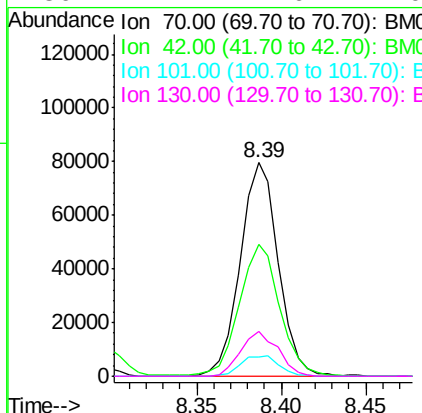
#15
N-Nitroso-di-n-propylamine
Concen: 19.937 ng/ul
RT: 8.39 min Scan# 918
Delta R.T. -0.00 min
Lab File: BM013910.D
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Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.5	76.0	114.0	#
101	8.9	6.7	10.1	
130	21.1	14.6	22.0	

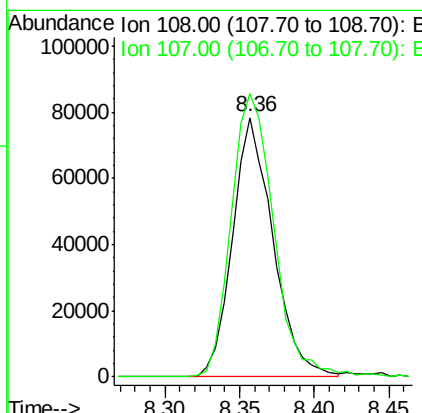
Manual Integrations
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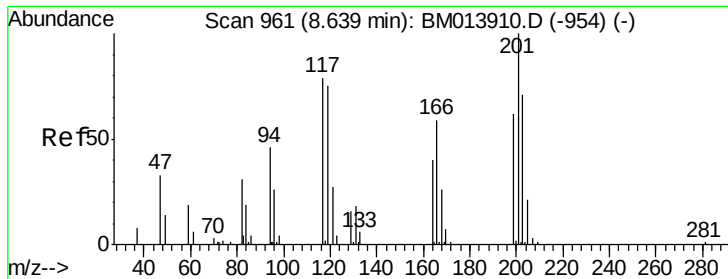
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1/29/2018 6:04:40 PM



#16
4-Methylphenol
Concen: 18.583 ng/ul
RT: 8.36 min Scan# 913
Delta R.T. -0.00 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Tgt Ion	Ion	Ratio	Lower	Upper
108	100			
107	109.0	84.9	127.3	





#17

Hexachloroethane

Concen: 18.029 ng/ul

RT: 8.64 min Scan# 961

Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

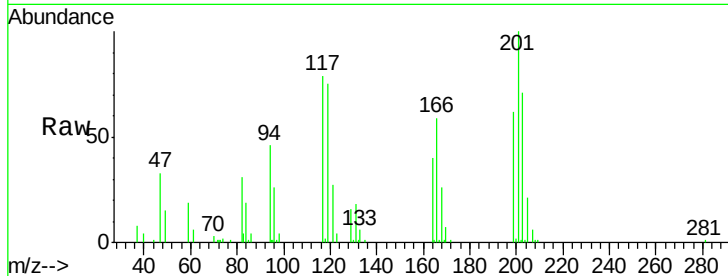
ClientSampled :

SSTD02051

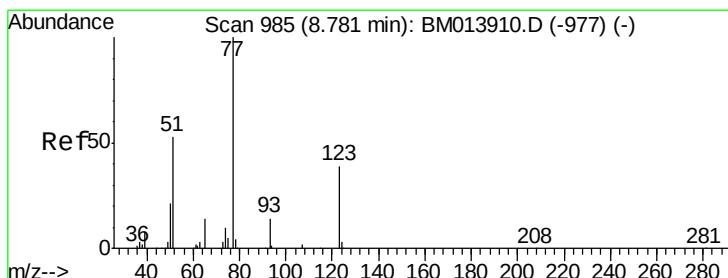
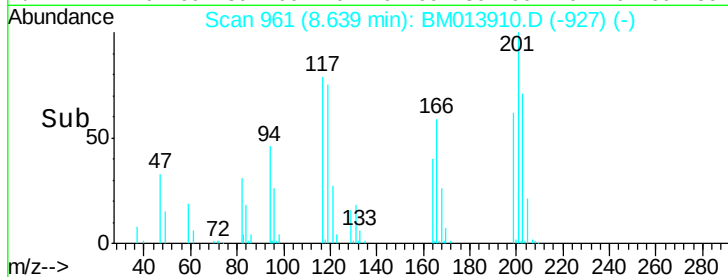
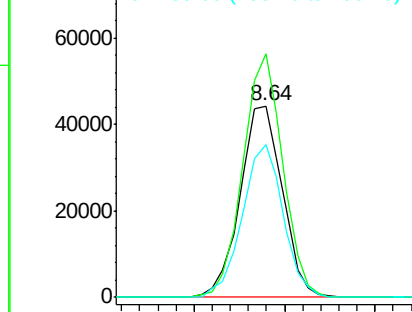
Tot Ion	Ratio	Lower	Upper
117	100		
201	127.3	111.6	167.4
199	79.5	67.8	101.6

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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: 19.019 ng/ul

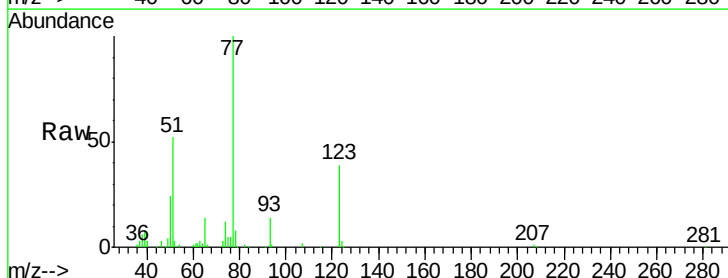
RT: 8.78 min Scan# 985

Delta R.T. -0.00 min

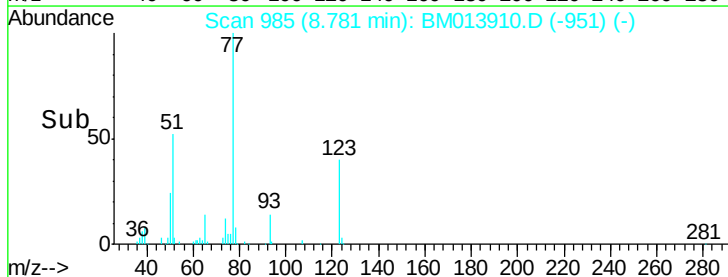
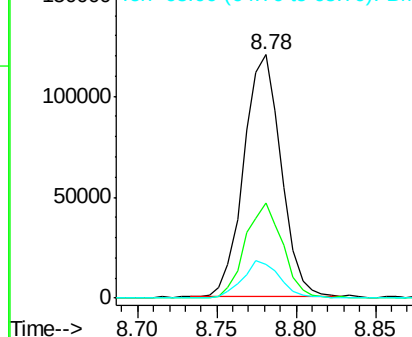
Lab File: BM013910.D

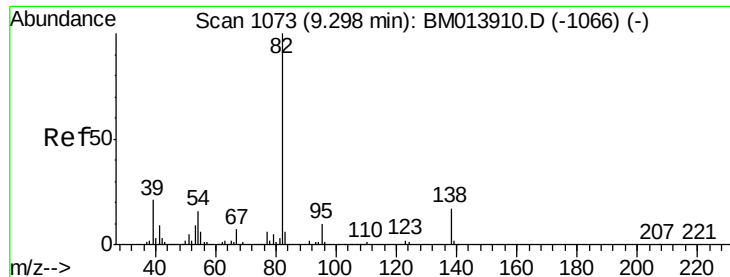
Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	31.0	46.6
65	13.9	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: 19.368 ng/ul

RT: 9.30 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

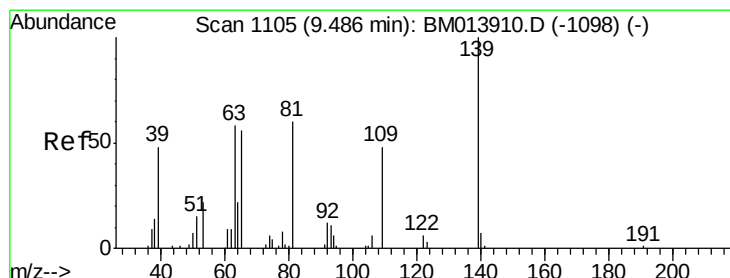
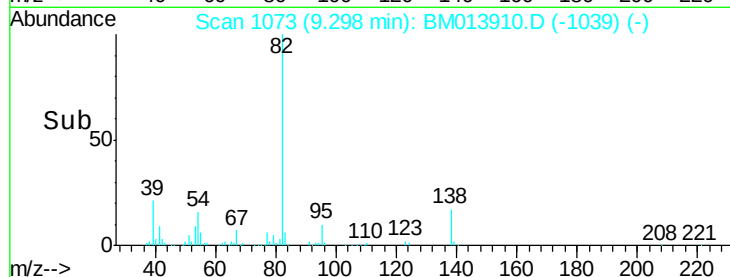
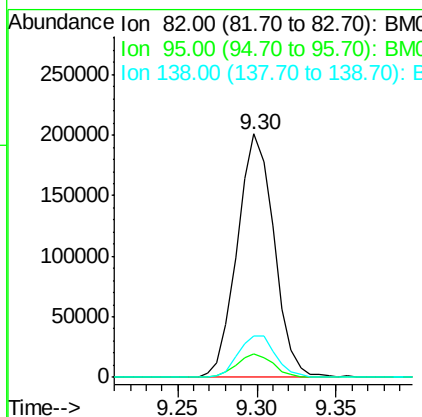
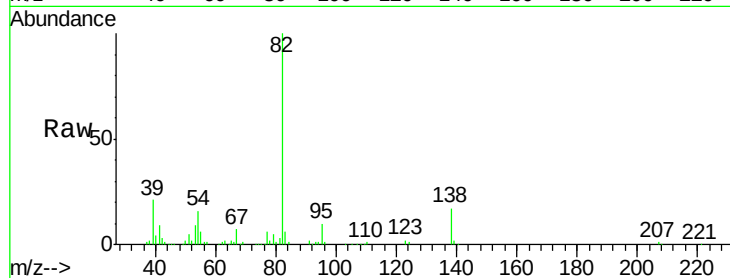
ClientSampleId :

SSTD02051

Tot Ion:	82	Resp:	324861
Ion	Ratio	Lower	Upper
82	100		
95	9.6	7.8	11.8
138	17.0	11.9	17.9

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#23

2-Nitrophenol

Concen: 19.764 ng/ul

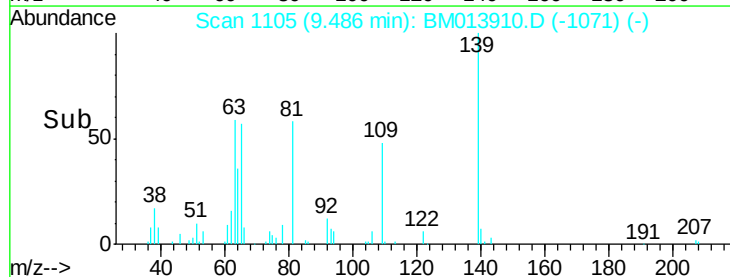
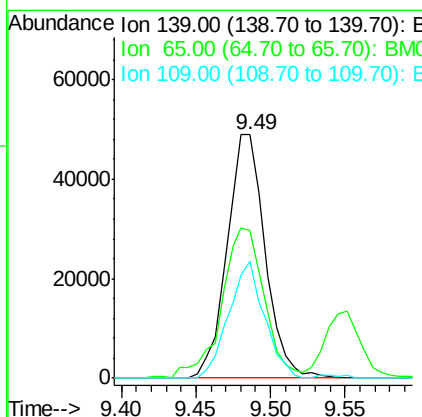
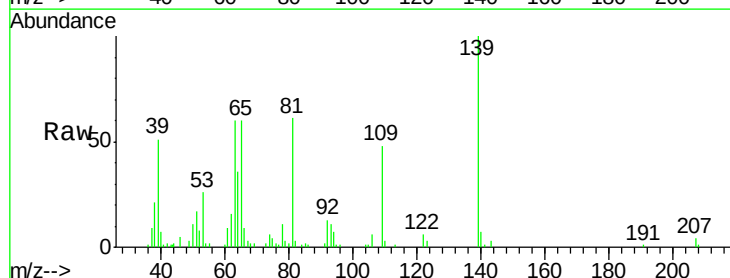
RT: 9.49 min Scan# 1105

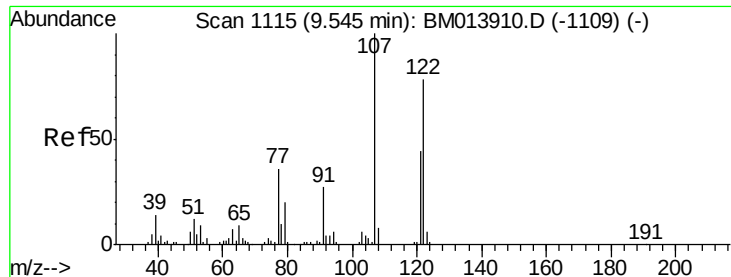
Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	139	Resp:	87458
Ion	Ratio	Lower	Upper
139	100		
65	60.5	55.4	83.0
109	47.9	42.2	63.2





#24

2,4-Dimethylphenol

Concen: 20.239 ng/ul

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

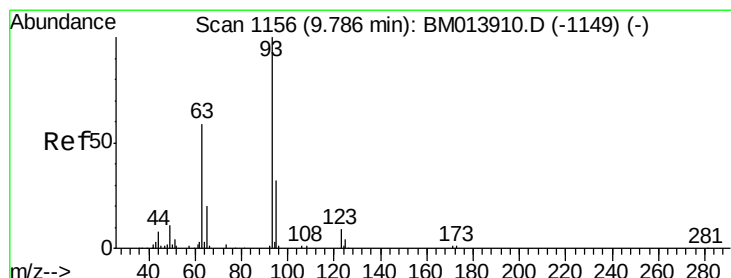
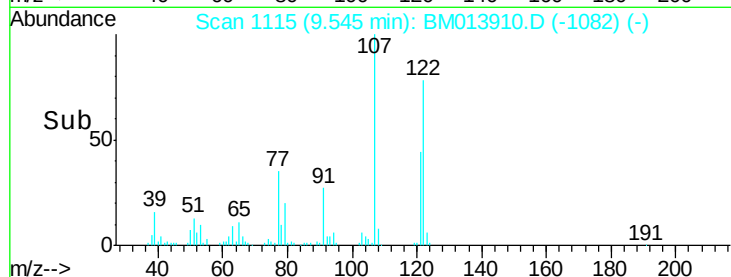
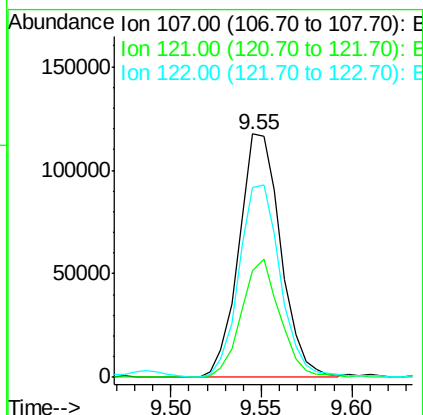
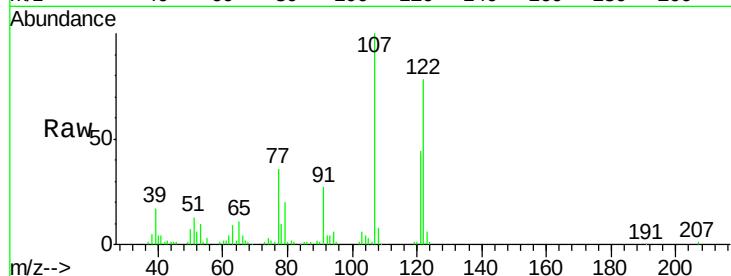
ClientSampleId :

SSTD02051

Tot Ion:	107	Resp:	188822
Ion Ratio	Lower	Upper	
107	100		
121	43.9	31.9	47.9
122	78.0	57.8	86.6

Manual Integrations
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#25

Bis(2-Chloroethoxy)methane

Concen: 19.241 ng/ul

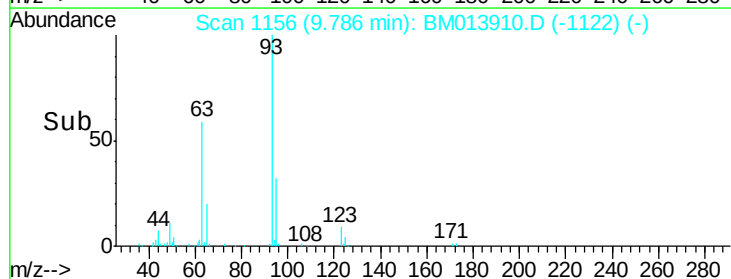
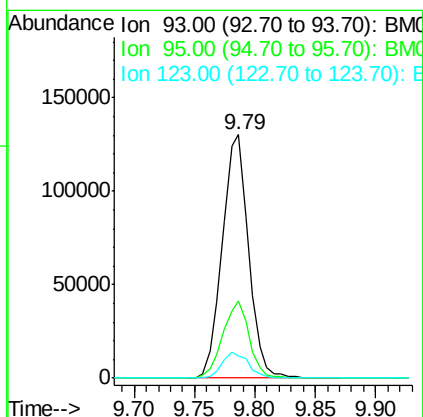
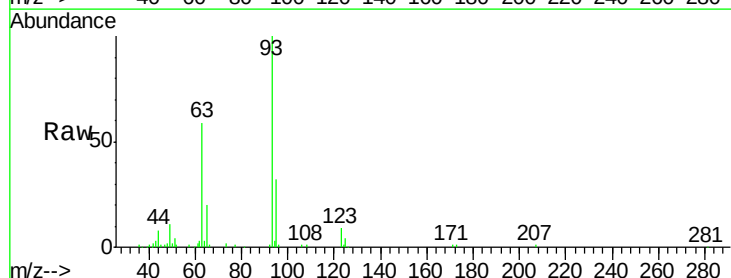
RT: 9.79 min Scan# 1156

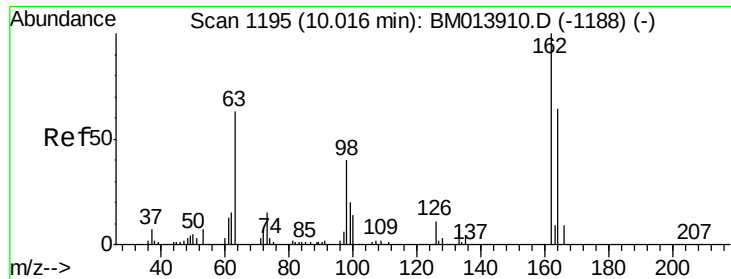
Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	93	Resp:	196743
Ion Ratio	Lower	Upper	
93	100		
95	31.7	28.5	42.7
123	8.9	8.9	13.3#





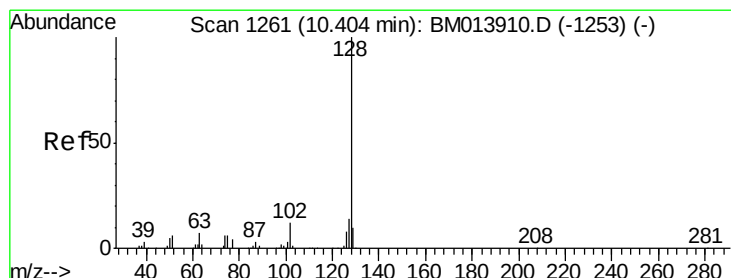
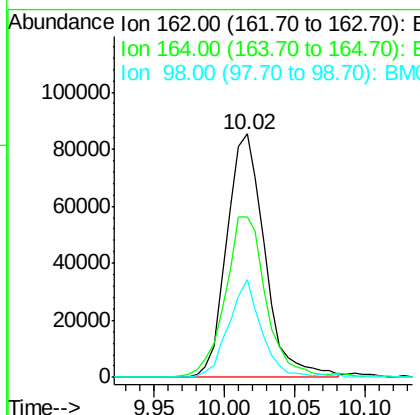
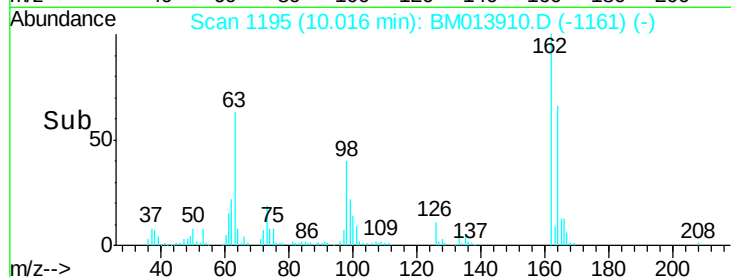
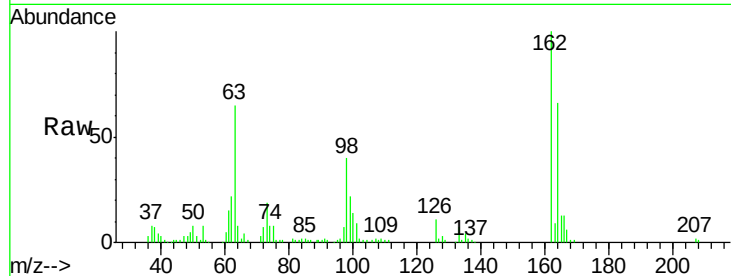
#27
 2,4-Dichlorophenol
 Concen: 20.269 ng/ul
 RT: 10.02 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Instrument :
 BNA_M
 ClientSampled :
 SST02051

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.8	47.8	71.6
98	40.3	23.0	34.4

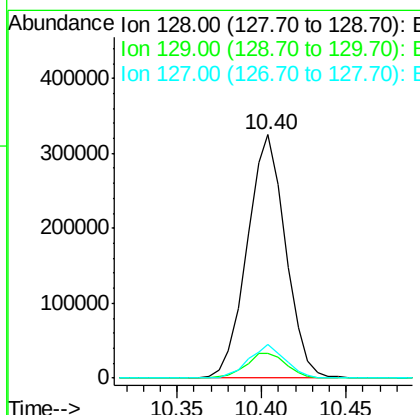
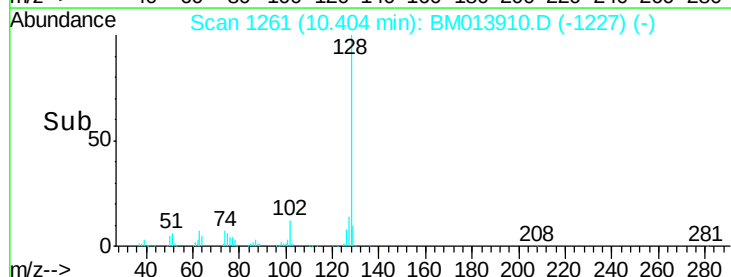
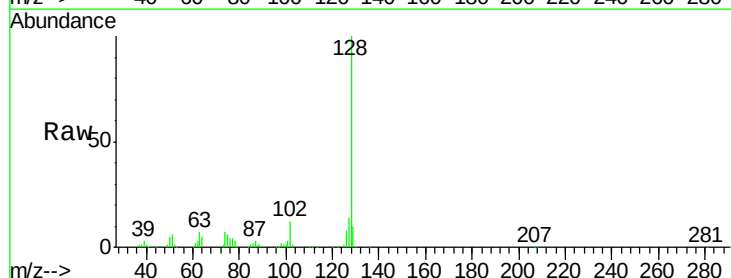
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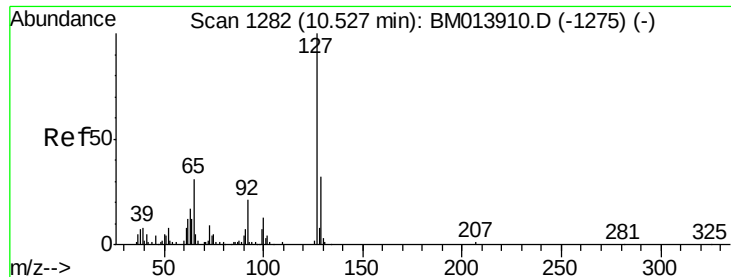
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#28
 Naphthalene
 Concen: 19.938 ng/ul
 RT: 10.40 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

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





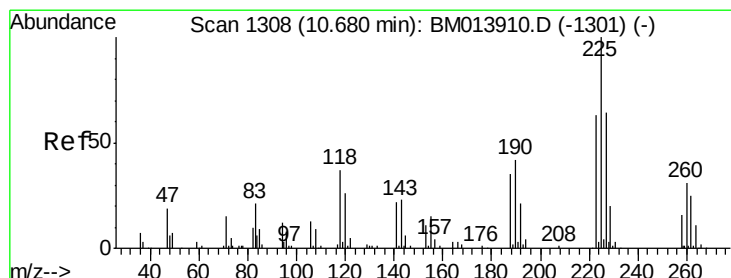
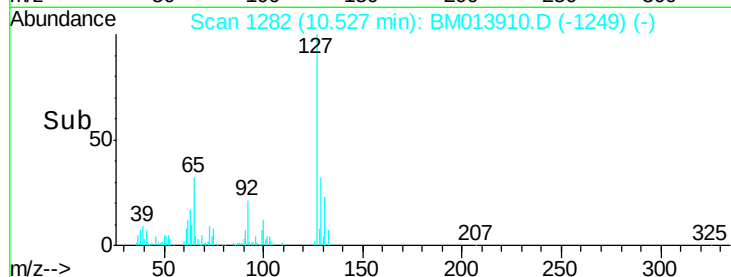
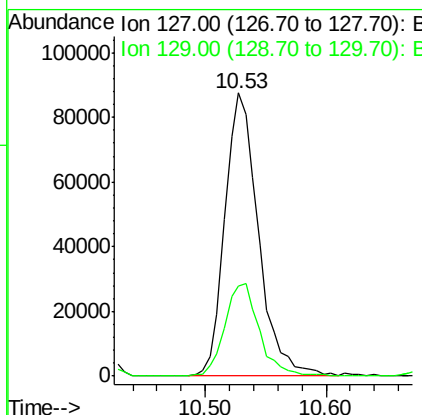
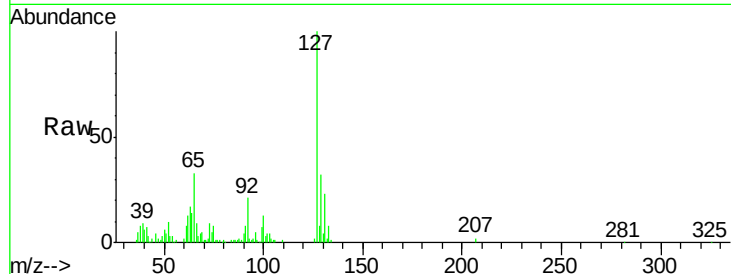
#30
4-Chloroaniline
Concen: 23.981 ng/ul
RT: 10.53 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		169233		
129	32.0		28.4	42.6	

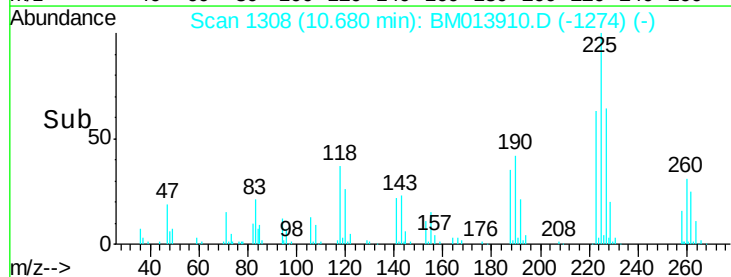
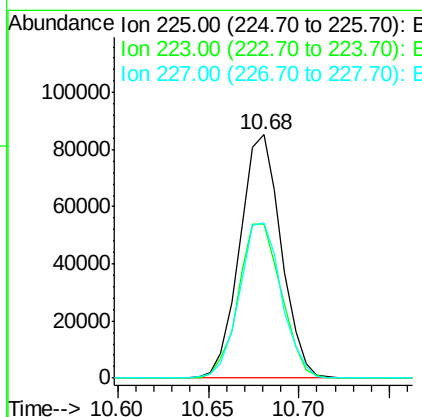
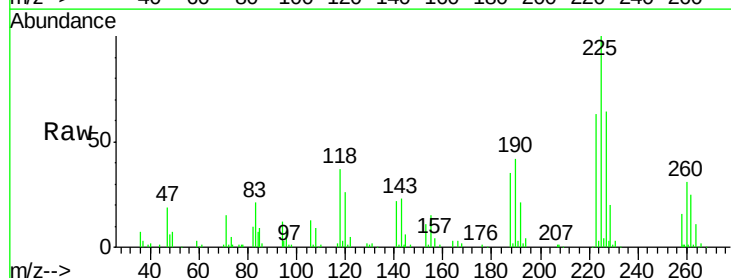
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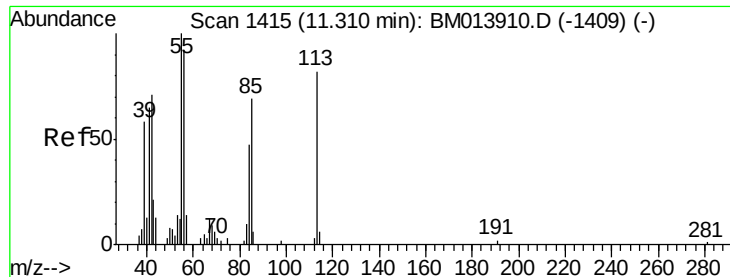
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#31
Hexachlorobutadiene
Concen: 20.886 ng/ul
RT: 10.68 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		135534		
223	63.0		49.4	74.2	
227	63.7		45.4	68.2	





#32

Caprolactam

Concen: 18.811 ng/ul m

RT: 11.31 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

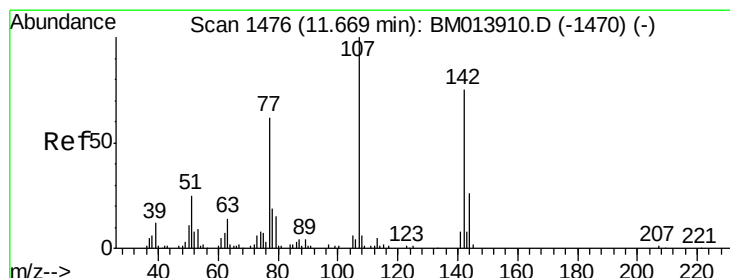
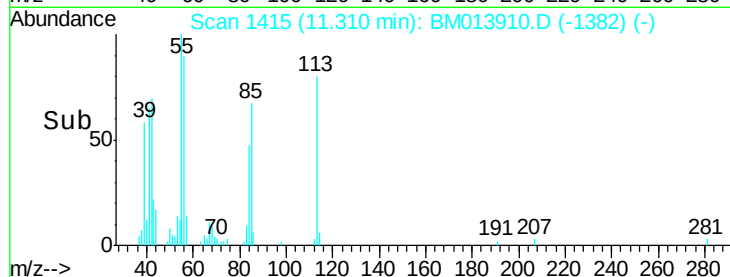
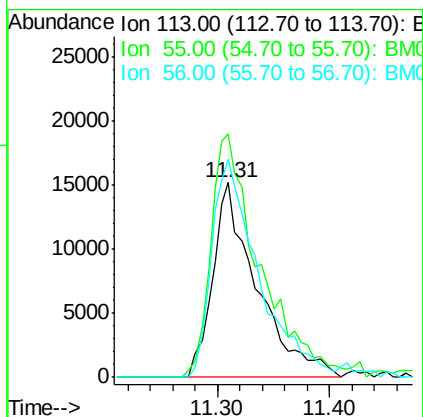
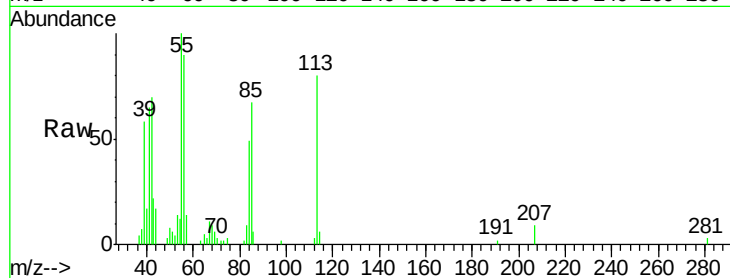
ClientSampleId :

SSTD02051

Tot Ion:	113	Resp:	41370
Ion	Ratio	Lower	Upper
113	100		
55	125.3	208.0	312.0#
56	112.4	160.0	240.0#

Manual Integrations
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#33

4-Chloro-3-methylphenol

Concen: 20.678 ng/ul

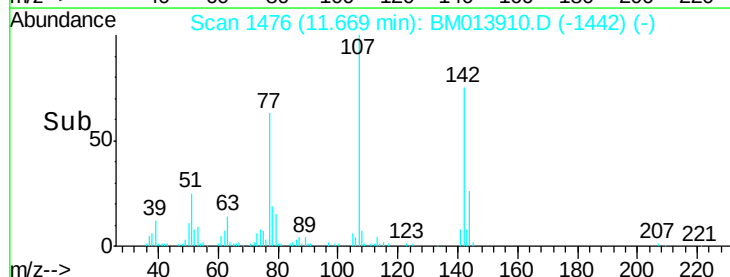
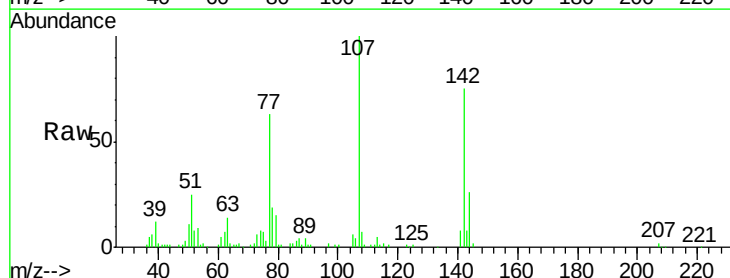
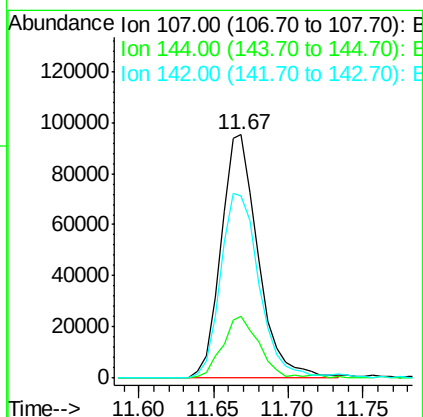
RT: 11.67 min Scan# 1476

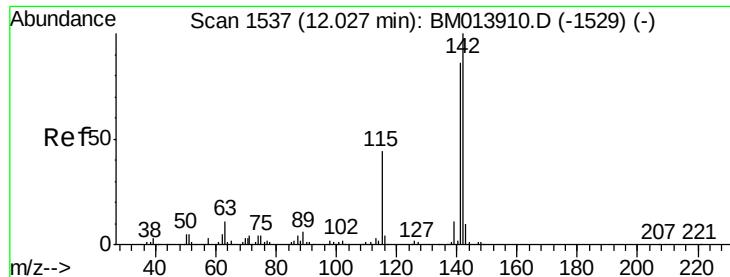
Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	107	Resp:	165711
Ion	Ratio	Lower	Upper
107	100		
144	25.6	20.4	30.6
142	74.7	60.5	90.7





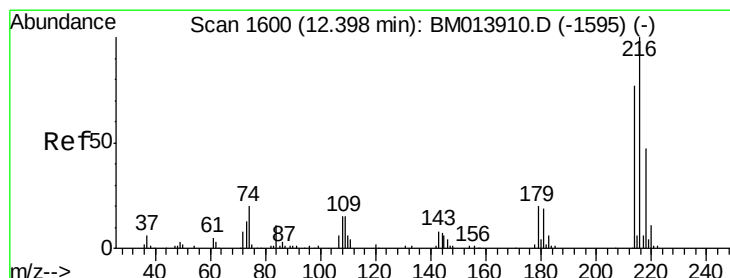
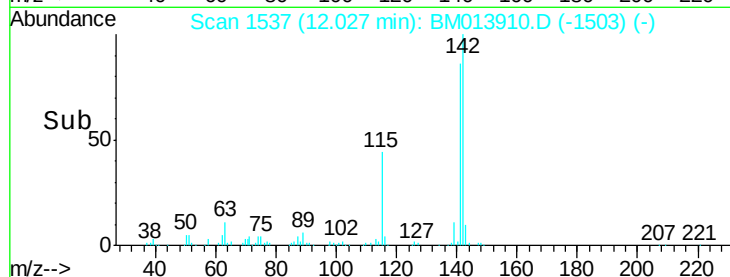
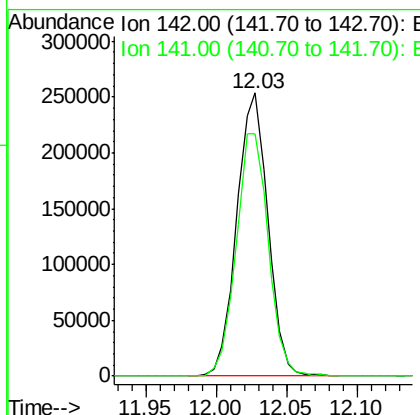
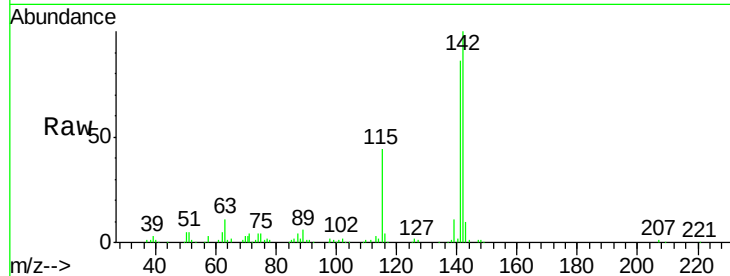
#34
 2-Methylnaphthalene
 Concen: 20.428 ng/ul
 RT: 12.03 min Scan# 1537
 Delta R.T. -0.00 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02051

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.7	74.1	111.1

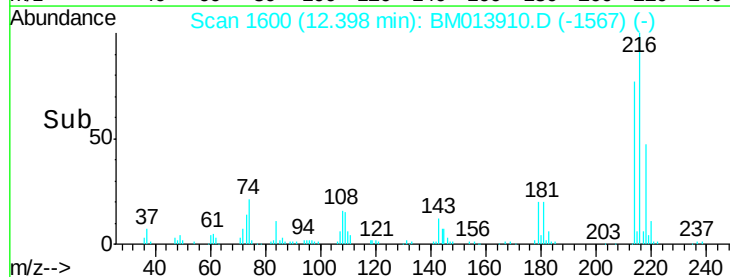
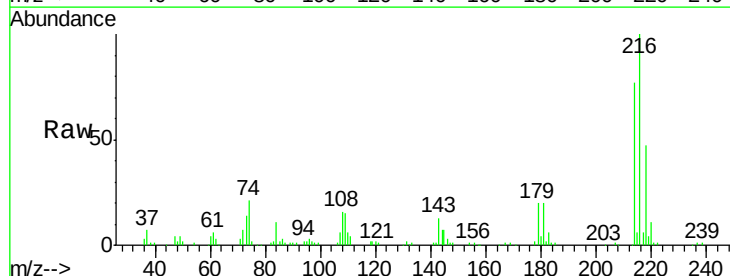
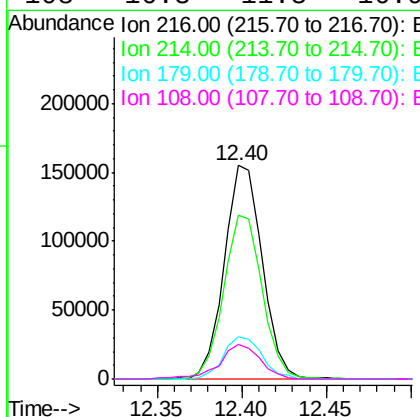
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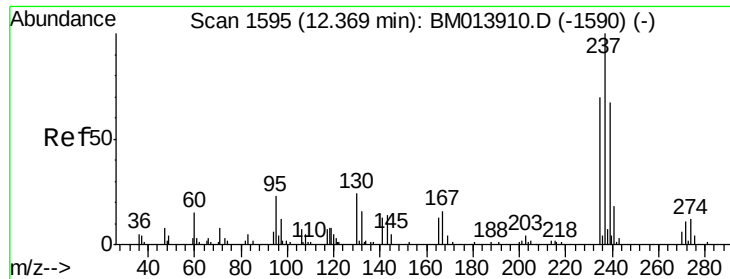
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#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.358 ng/ul
 RT: 12.40 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.0	60.6	90.8
179	20.0	17.5	26.3
108	16.3	11.3	16.9





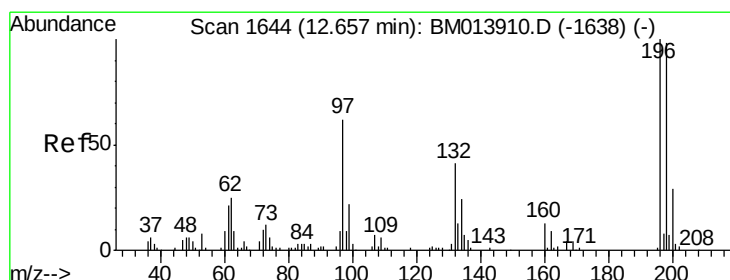
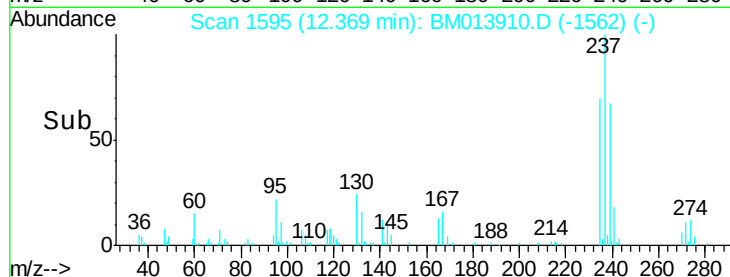
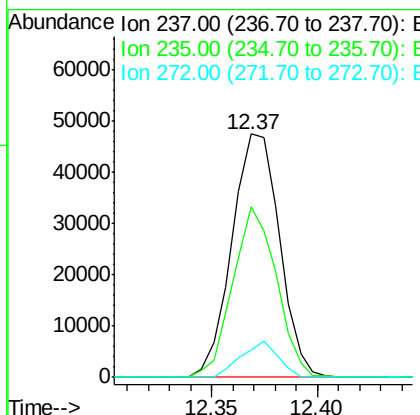
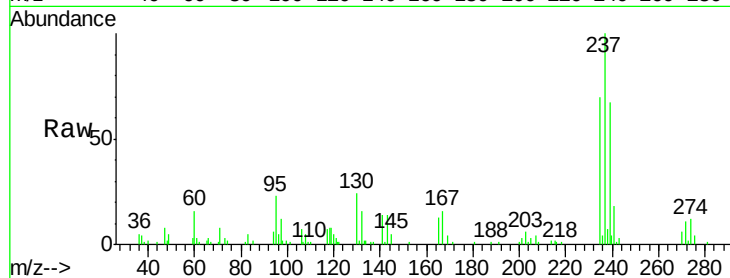
#37
Hexachlorocyclopentadiene
Concen: 14.301 ng/ul
RT: 12.37 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tot Ion	Ratio	Lower	Upper
237	100		
235	70.1	50.2	75.4
272	11.4	11.0	16.6

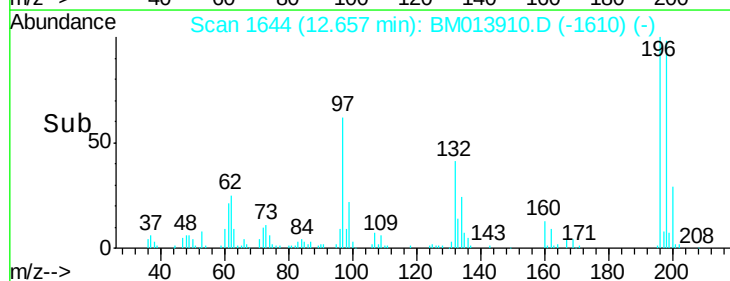
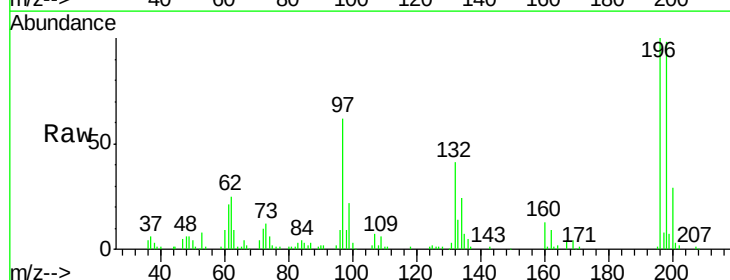
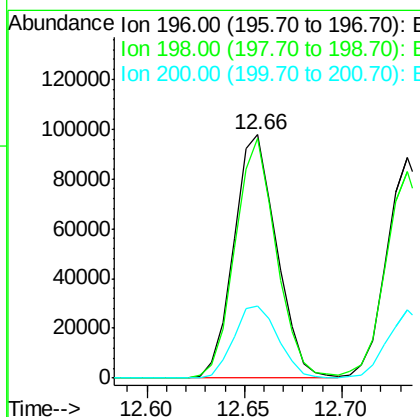
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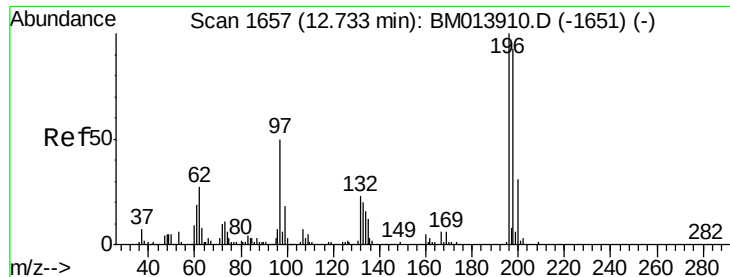
Sohil
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#38
2,4,6-Trichlorophenol
Concen: 20.510 ng/ul
RT: 12.66 min Scan# 1644
Delta R.T. -0.00 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.2	74.1	111.1
200	29.4	25.2	37.8





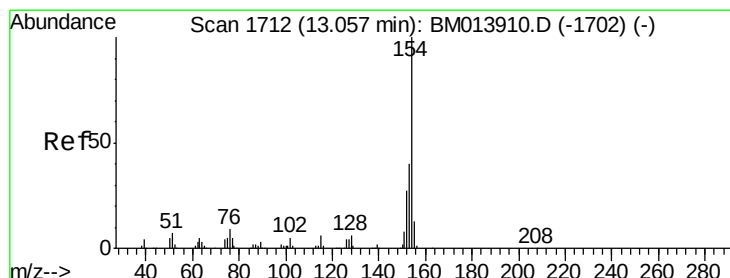
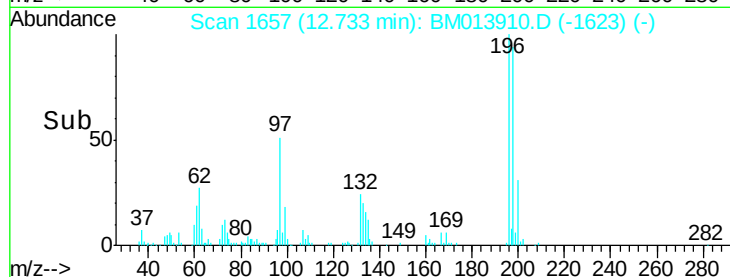
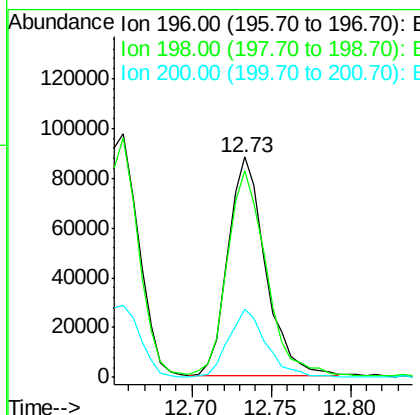
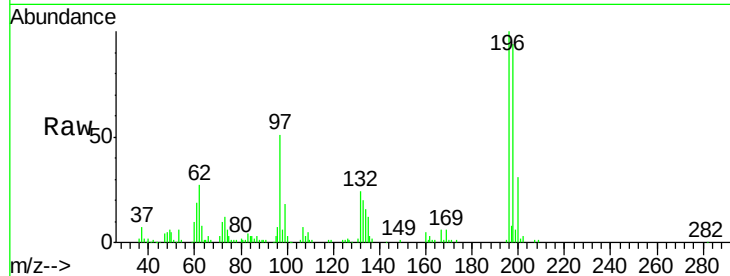
#39
 2,4,5-Trichlorophenol
 Concen: 19.301 ng/ul
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02051

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.6	113.4
200	31.0	25.5	38.3

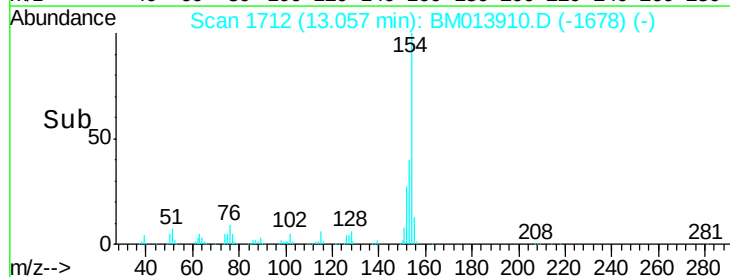
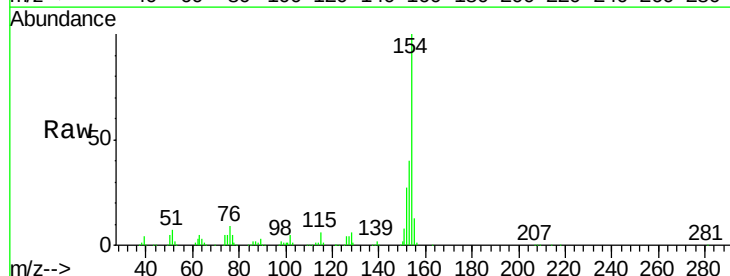
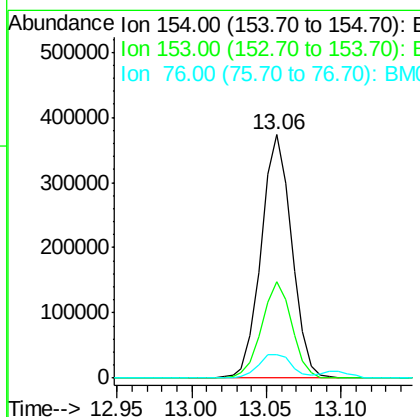
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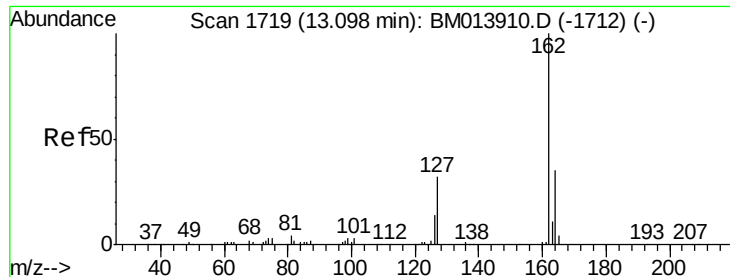
Sohil
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#40
 1,1'-Biphenyl
 Concen: 18.811 ng/ul
 RT: 13.06 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.6	48.8
76	9.5	8.5	12.7





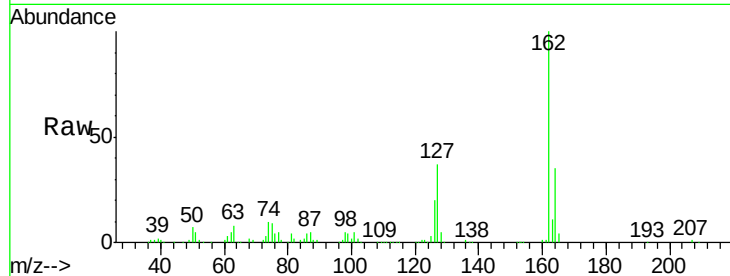
#41
2-Chloronaphthalene
Concen: 19.119 ng/ul
RT: 13.10 min Scan# 1719
Delta R.T. -0.00 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Instrument :
BNA_M
ClientSampleId :
SSTD02051

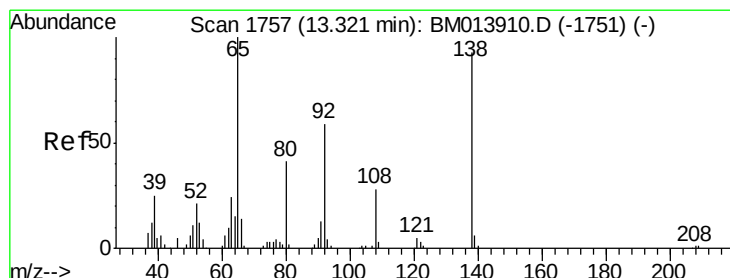
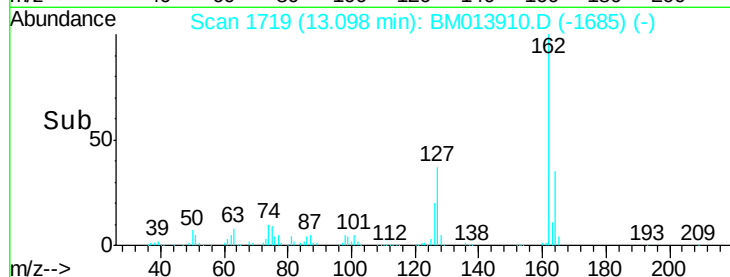
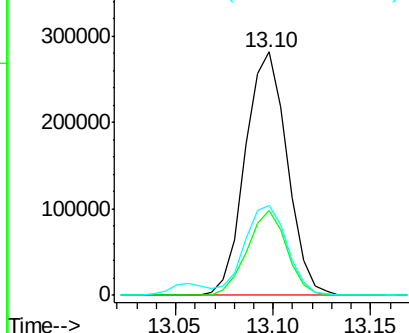
Tot Ion	Ratio	Lower	Upper
162	100		
164	34.6	25.9	38.9
127	37.1	29.4	44.2

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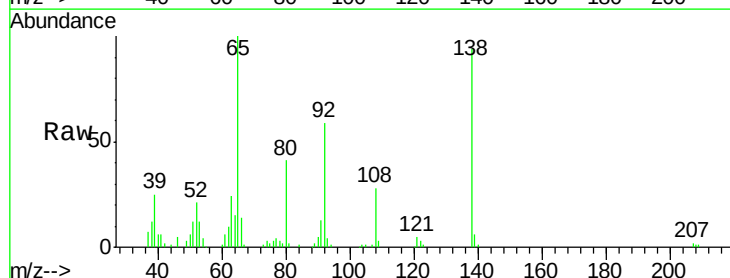


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

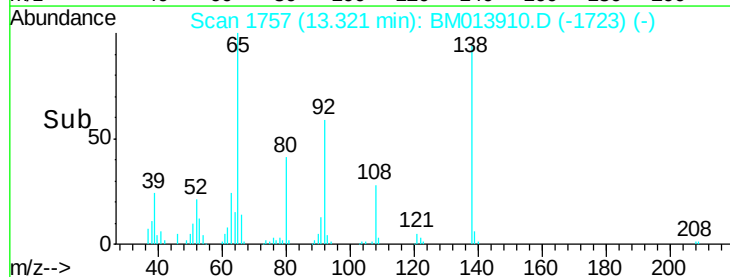
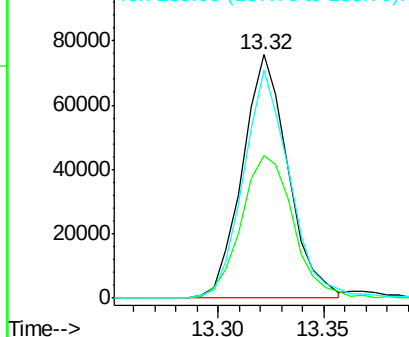


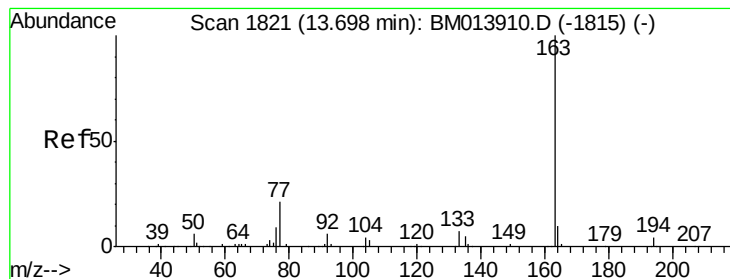
#42
2-Nitroaniline
Concen: 18.806 ng/ul
RT: 13.32 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.7	51.8	77.6
138	93.5	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: 19.340 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

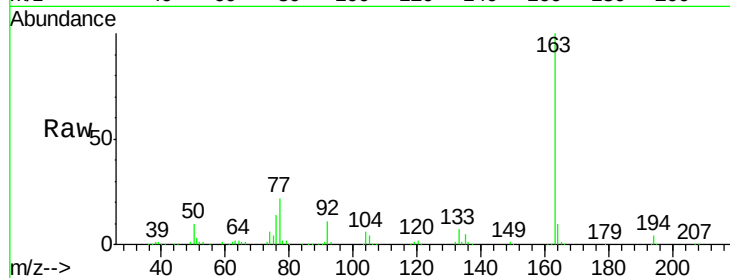
ClientSampled :

SSTD02051

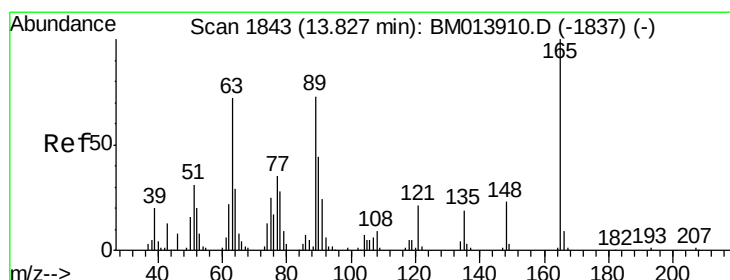
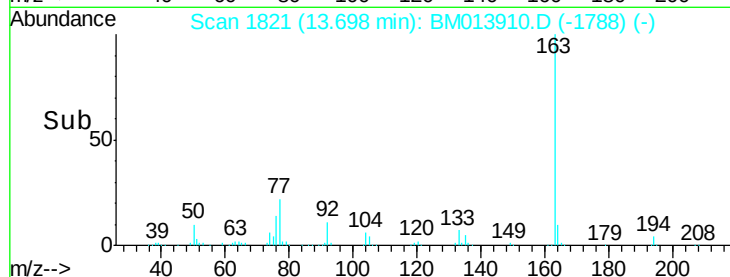
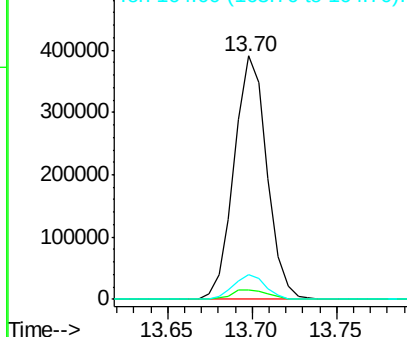
Tot Ion:	163	Resp:	528872
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.5	5.3
164	10.3	8.2	12.4

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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: 19.076 ng/ul

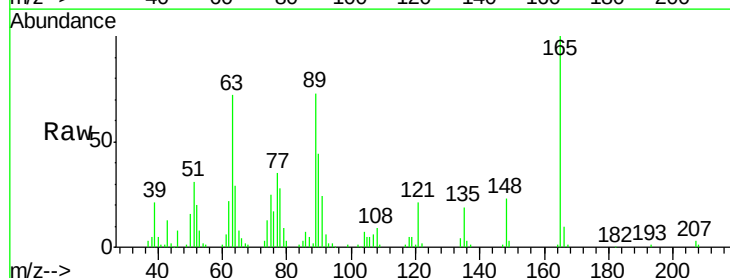
RT: 13.83 min Scan# 1843

Delta R.T. -0.00 min

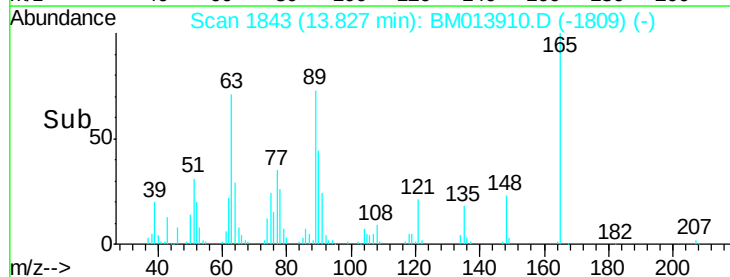
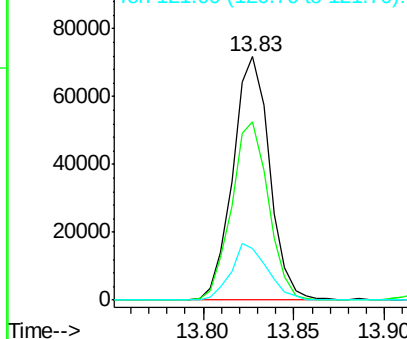
Lab File: BM013910.D

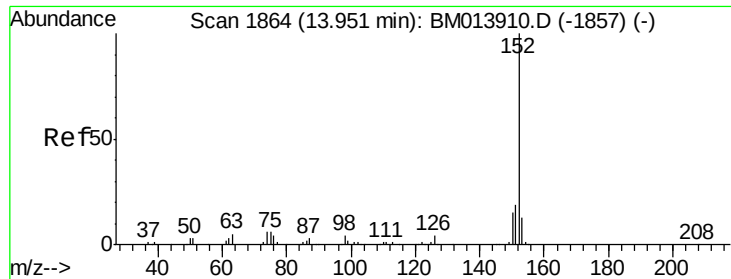
Acq: 28 Jan 2018 06:40

Tgt Ion:	165	Resp:	101089
Ion Ratio	Lower	Upper	
165	100		
89	73.2	52.6	79.0
121	21.0	14.6	22.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 18.823 ng/ul

RT: 13.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

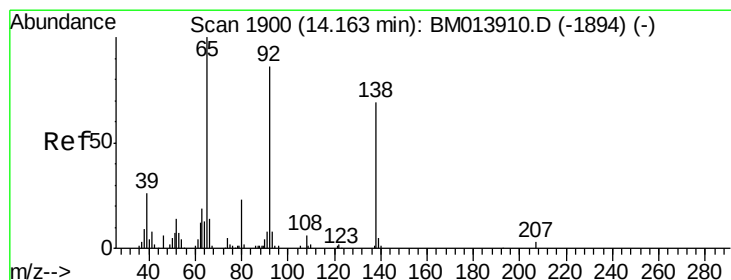
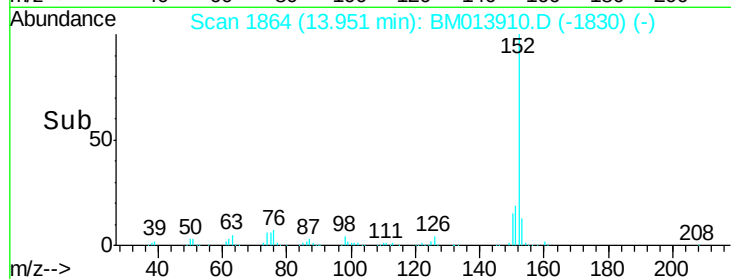
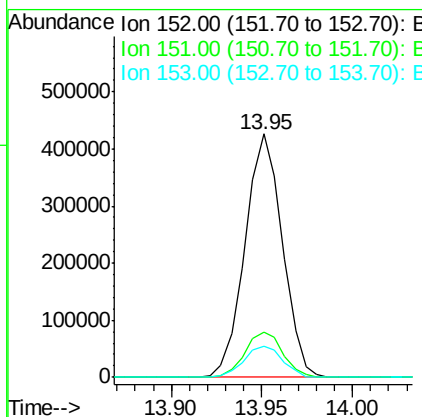
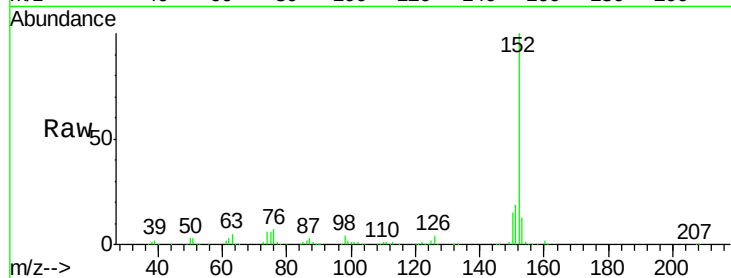
ClientSampled :

SSTD02051

Tot Ion:	152	Resp:	610821
Ion Ratio	Lower	Upper	
152	100		
151	18.7	16.3	24.5
153	12.9	10.2	15.4

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#48

3-Nitroaniline

Concen: 20.552 ng/ul

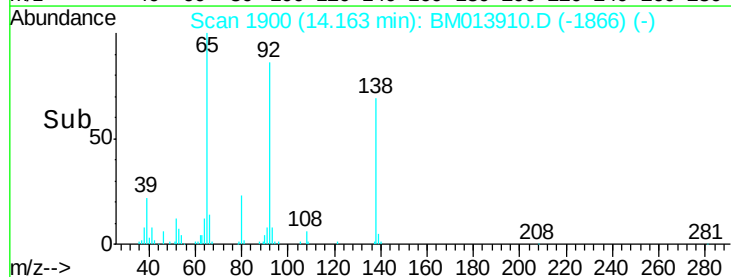
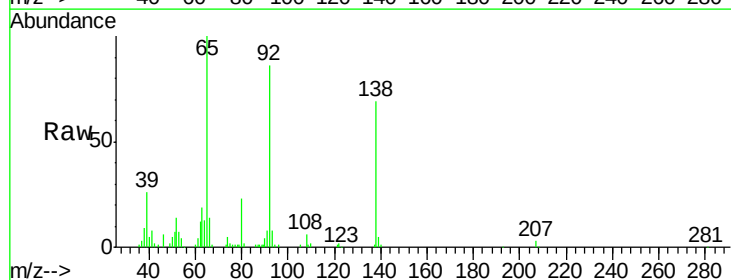
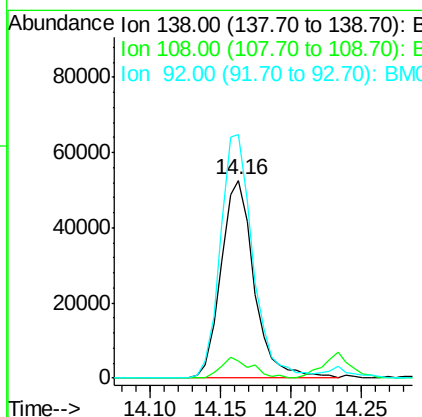
RT: 14.16 min Scan# 1900

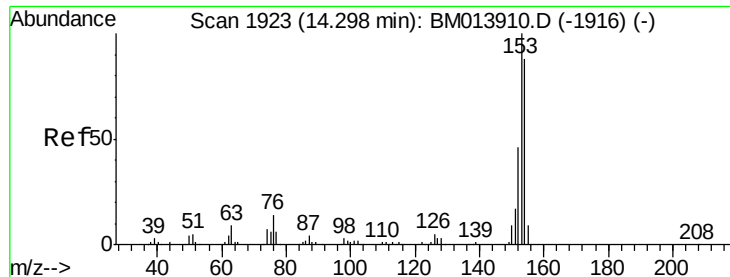
Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	138	Resp:	85653
Ion Ratio	Lower	Upper	
138	100		
108	8.7	9.9	14.9#
92	123.2	105.0	157.4





#49

Acenaphthene

Concen: 18.832 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

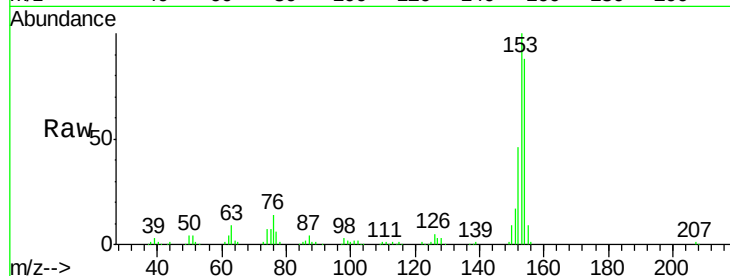
ClientSampleId :

SSTD02051

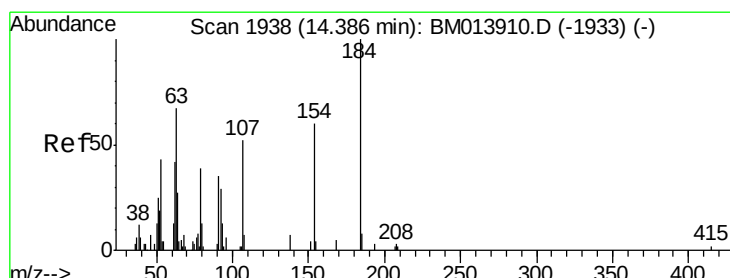
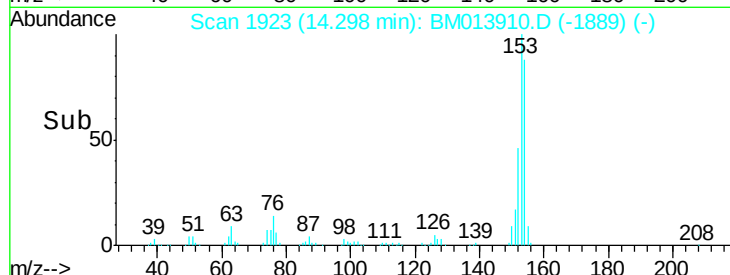
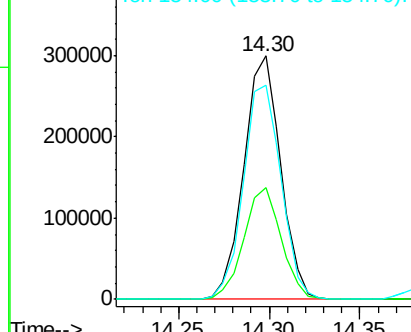
Tot Ion:	153	Resp:	423249
Ion Ratio	Lower	Upper	
153	100		
152	45.8	37.6	56.4
154	87.9	70.4	105.6

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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: 11.579 ng/ul

RT: 14.39 min Scan# 1938

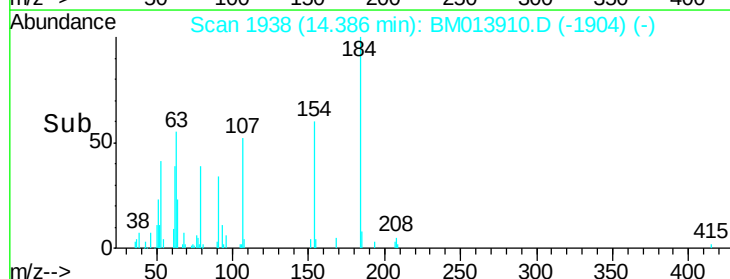
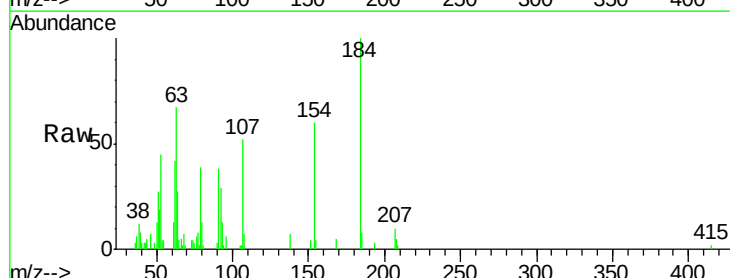
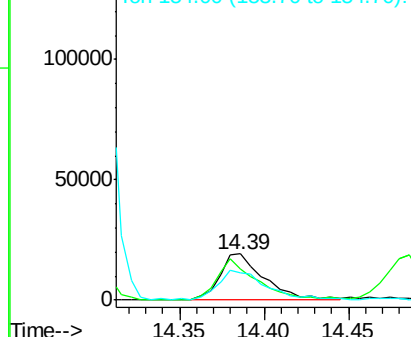
Delta R.T. -0.00 min

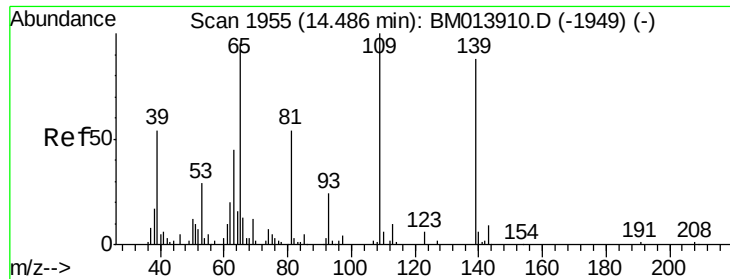
Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	184	Resp:	35173
Ion Ratio	Lower	Upper	
184	100		
63	66.7	50.1	75.1
154	59.6	54.5	81.7

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.100 ng/ul

RT: 14.49 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

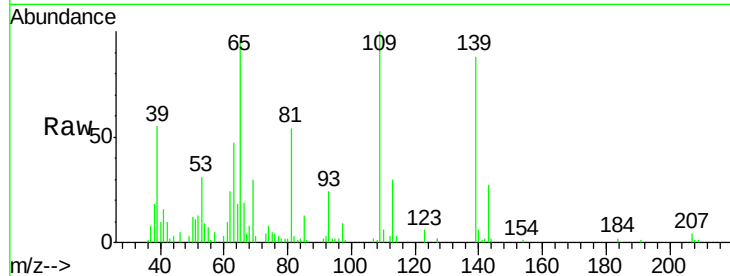
ClientSampleId :

SSTD02051

Tot Ion	Ratio	Lower	Upper
109	100		
139	88.2	80.0	120.0
65	97.3	120.0	180.0

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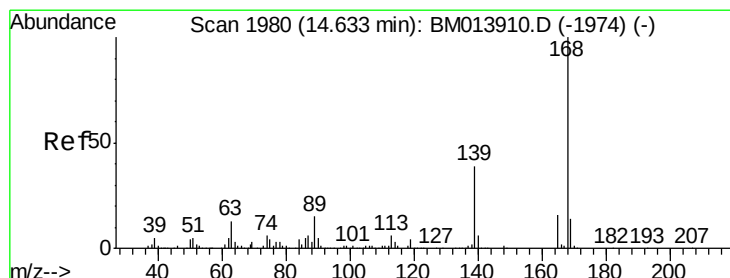
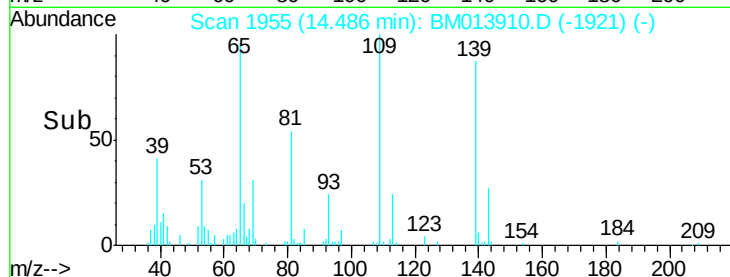
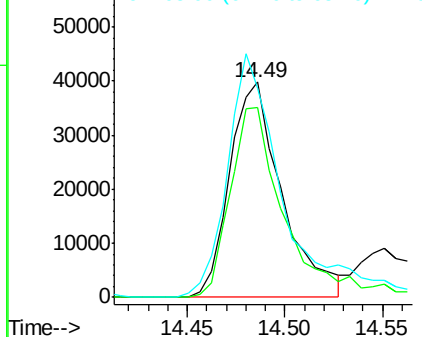


Abundance

Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 19.060 ng/ul

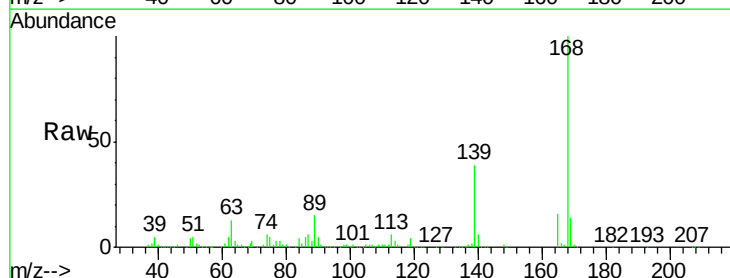
RT: 14.63 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

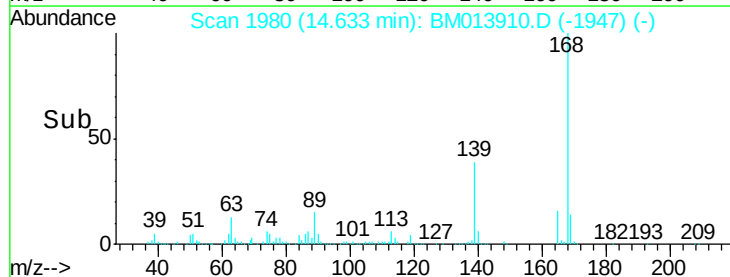
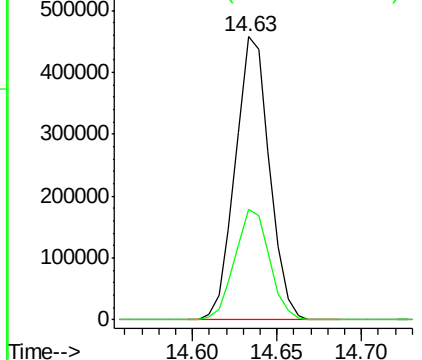
Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.8	46.2

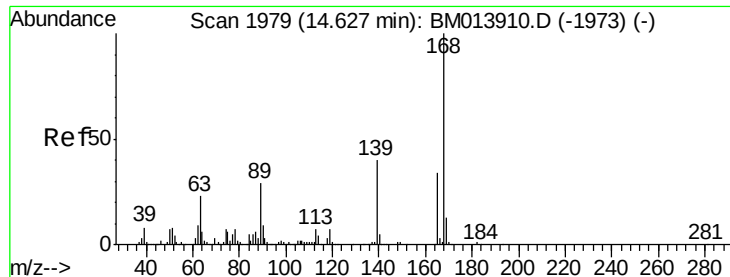


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





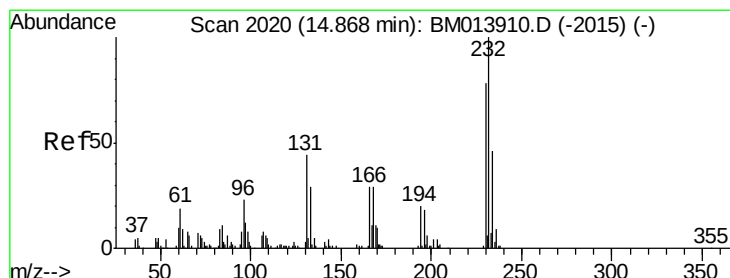
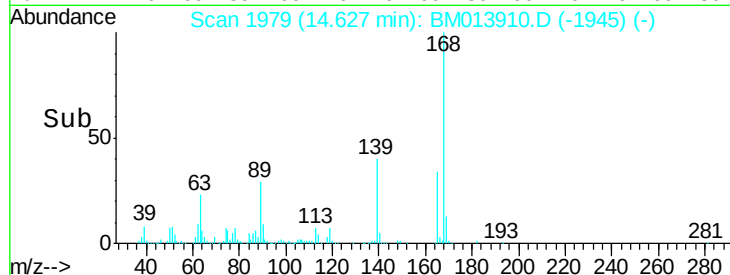
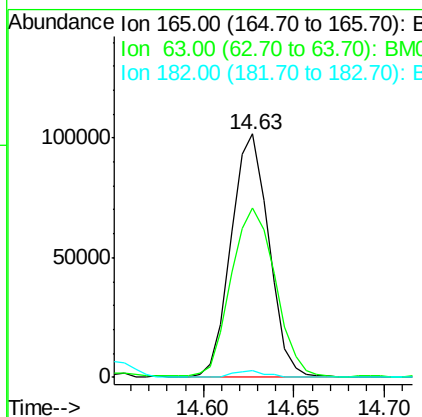
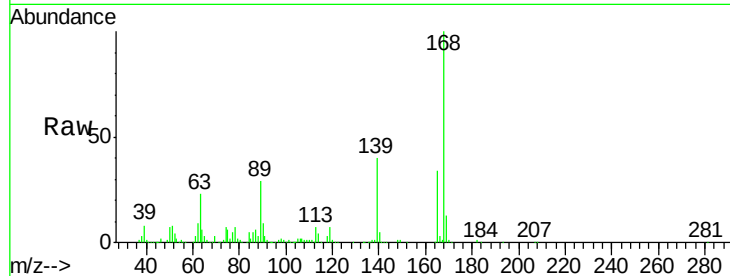
#54
 2,4-Dinitrotoluene
 Concen: 19.044 ng/ul
 RT: 14.63 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Instrument :
 BNA_M
 ClientSampled :
 SST02051

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	69.6	45.8	68.8#
182	2.6	2.6	4.0#

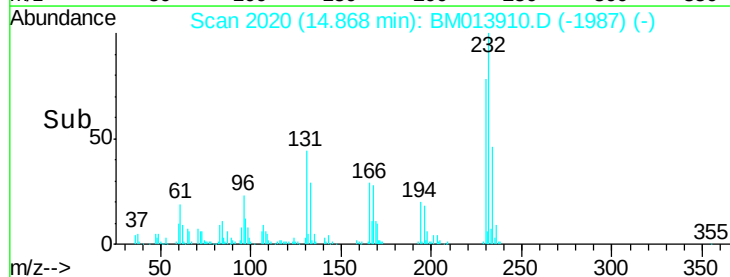
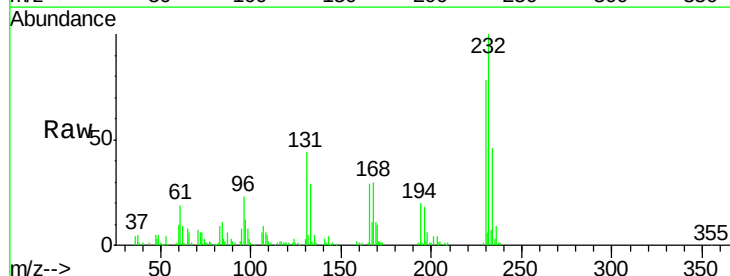
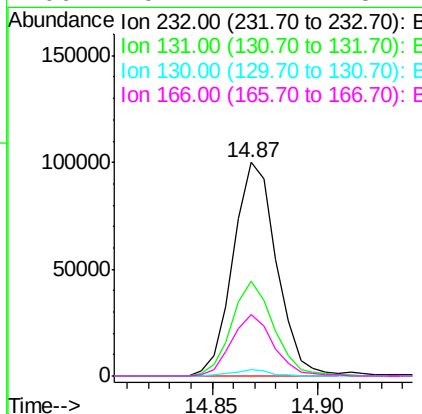
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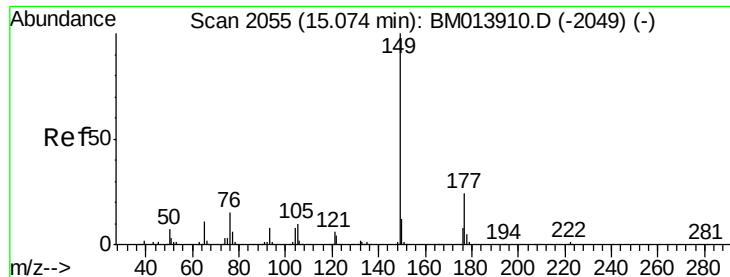
Sohil
 1/29/2018 6:04:40 PM



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.167 ng/ul
 RT: 14.87 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Resp Lower	Upper
232	100		
131	44.2	29.0	43.4#
130	3.2	2.0	3.0#
166	29.1	21.4	32.2





#56

Diethylphthalate

Concen: 18.904 ng/ul

RT: 15.07 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

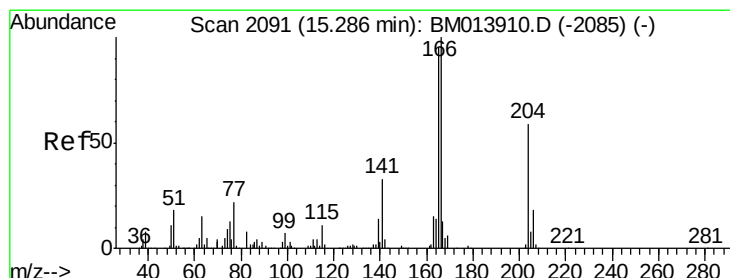
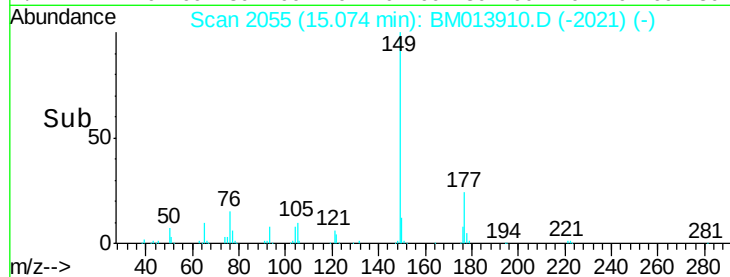
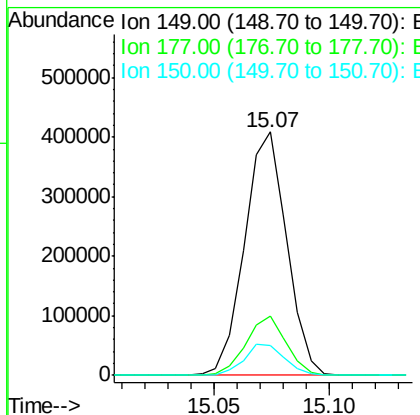
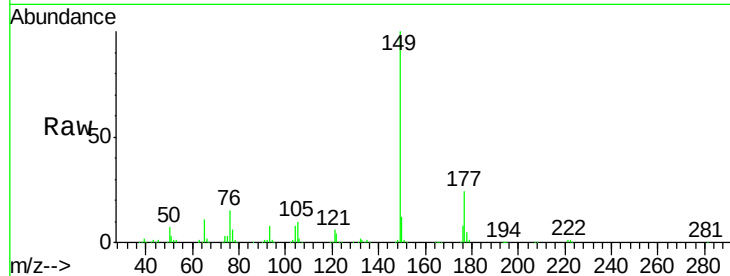
ClientSampled :

SSTD02051

Tot Ion:	149	Resp:	520233
Ion Ratio	Lower	Upper	
149	100		
177	24.1	20.5	30.7
150	12.3	10.6	15.8

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#58

Fluorene

Concen: 18.969 ng/ul

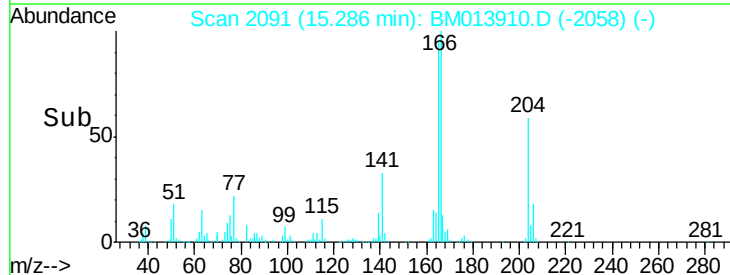
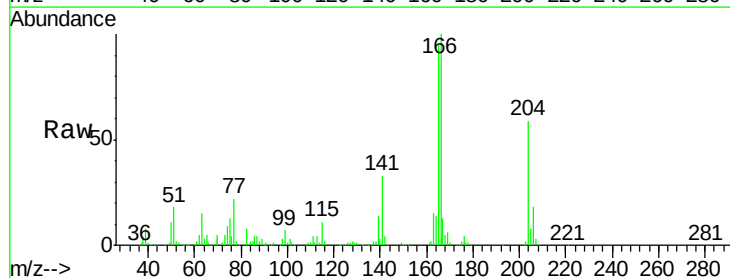
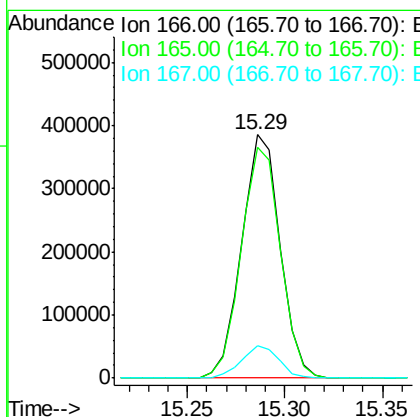
RT: 15.29 min Scan# 2091

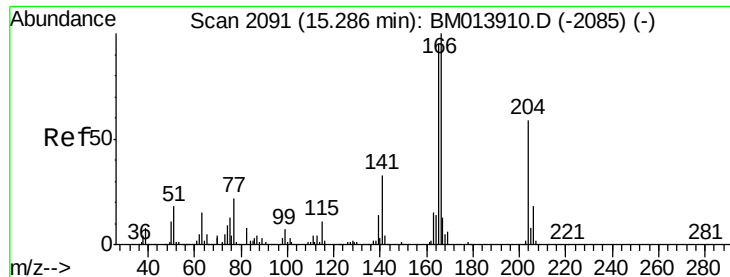
Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	166	Resp:	525356
Ion Ratio	Lower	Upper	
166	100		
165	94.8	77.9	116.9
167	13.3	10.6	16.0





#59

4-Chlorophenyl-phenylether

Concen: 19.244 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

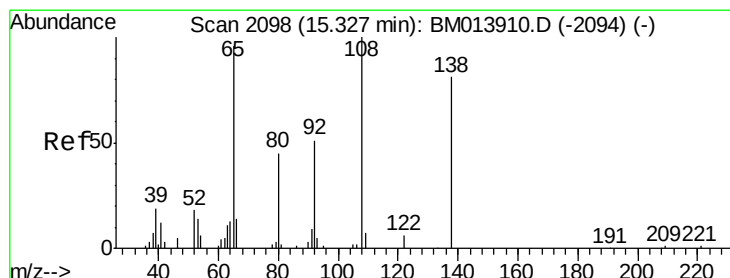
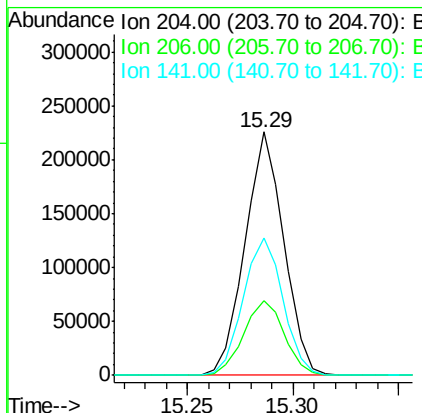
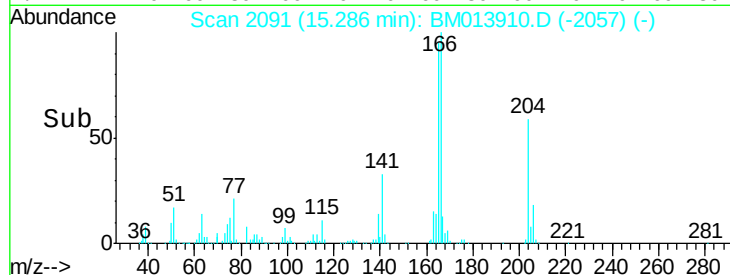
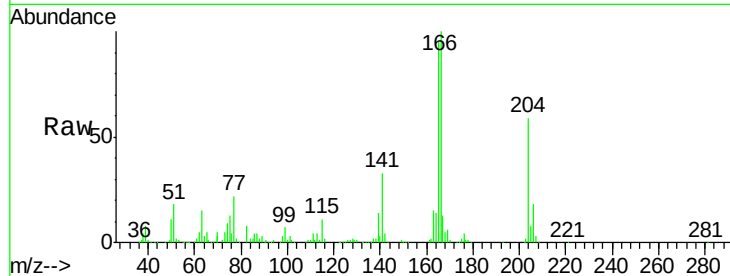
ClientSampled :

SSTD02051

Tot Ion:	204	Resp:	287994
Ion Ratio		Lower	Upper
204	100		
206	30.8	24.8	37.2
141	56.6	44.3	66.5

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#60

4-Nitroaniline

Concen: 16.862 ng/ul

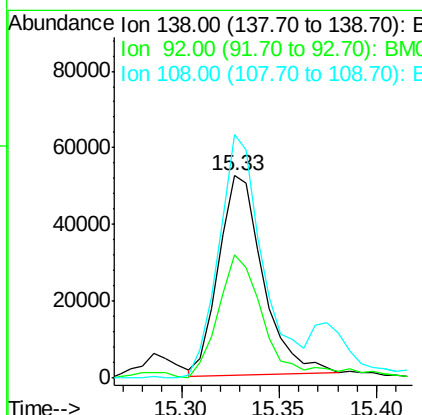
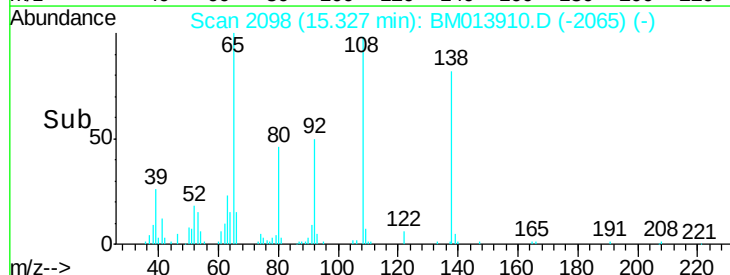
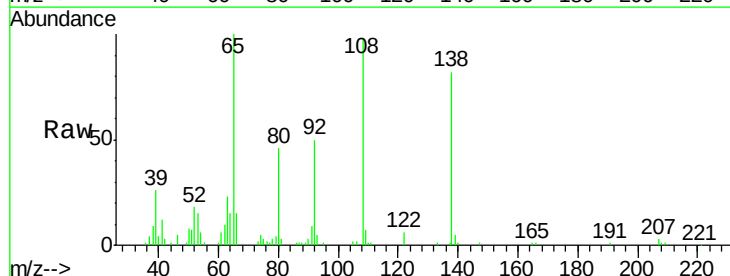
RT: 15.33 min Scan# 2098

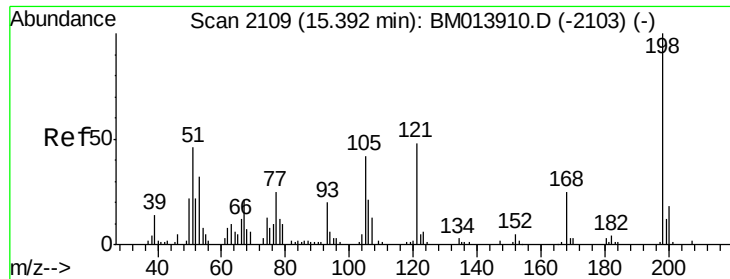
Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	138	Resp:	82227
Ion Ratio		Lower	Upper
138	100		
92	60.9	40.0	60.0#
108	120.2	80.0	120.0#





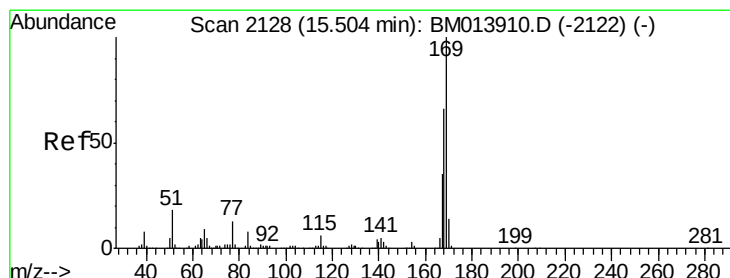
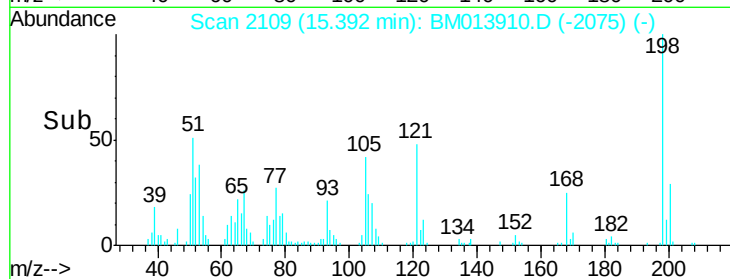
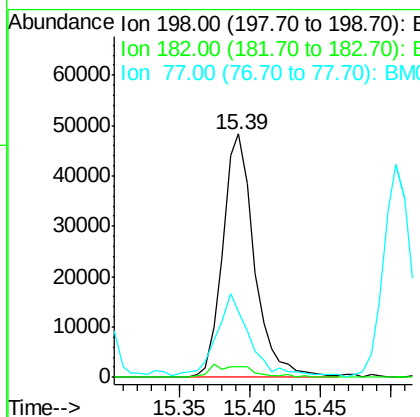
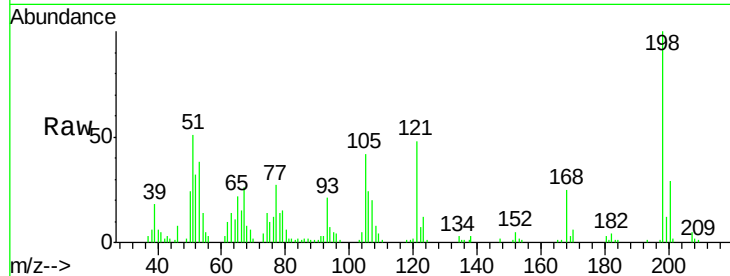
#63
 4,6-Dinitro-2-methylphenol
 Concen: 15.624 ng/ul
 RT: 15.39 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02051

Tot Ion	Ratio	Lower	Upper
198	100		
182	4.3	3.8	5.6
77	26.9	25.2	37.8

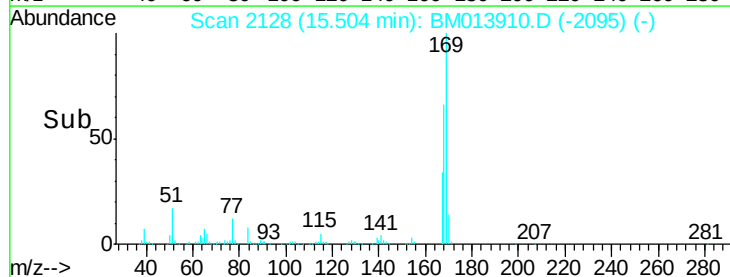
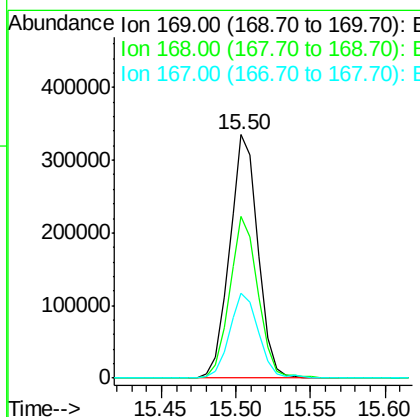
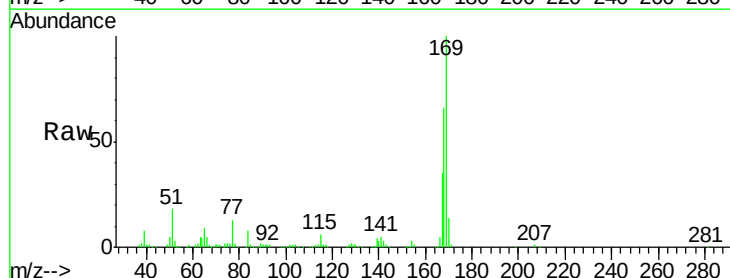
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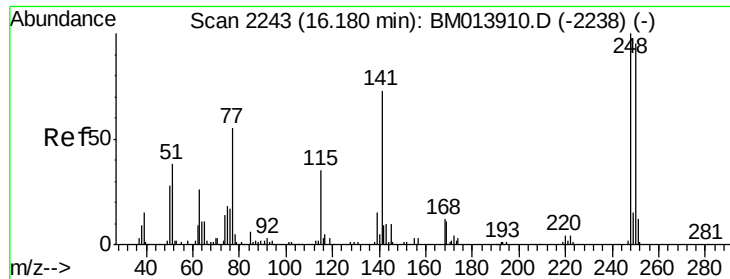
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#64
 N-Nitrosodiphenylamine
 Concen: 19.825 ng/ul
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	54.0	81.0
167	34.7	29.1	43.7





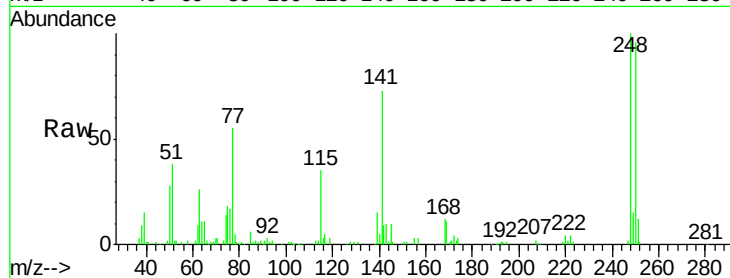
#65
4-Bromophenyl-phenylether
Concen: 20.172 ng/ul
RT: 16.18 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Instrument :
BNA_M
ClientSampleId :
SSTD02051

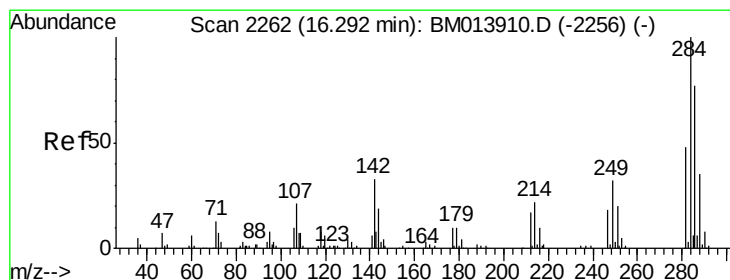
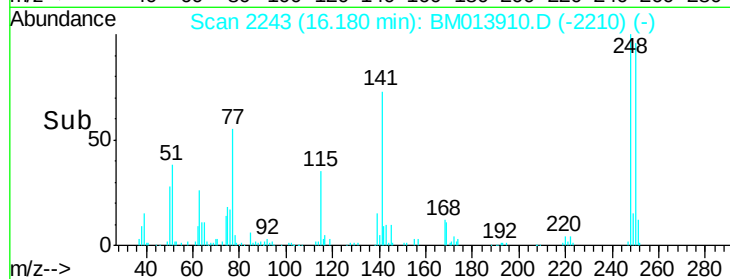
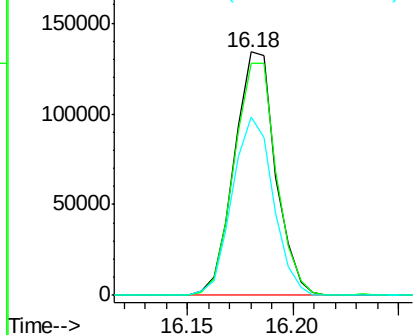
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	80.5	120.7
141	73.2	53.6	80.4

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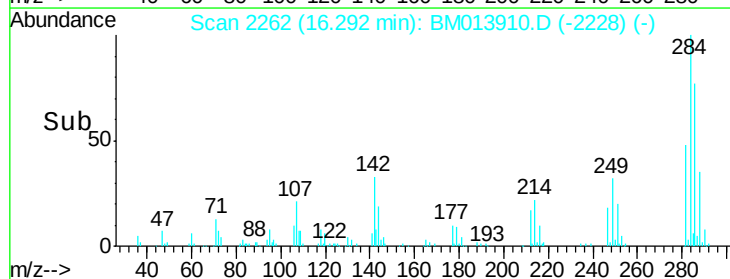
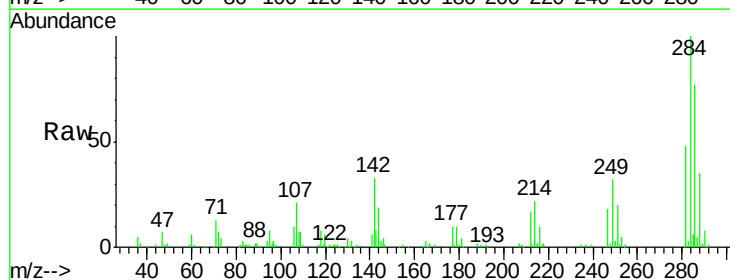
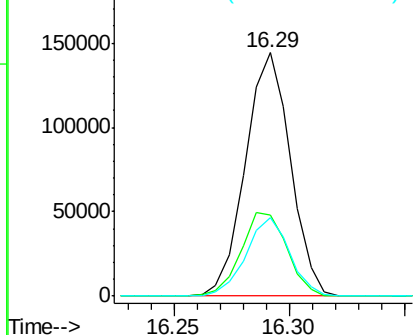
Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

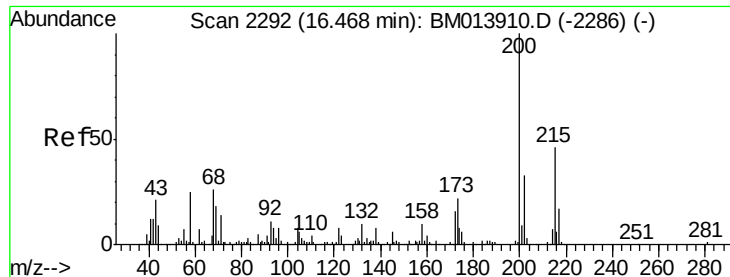


#66
Hexachlorobenzene
Concen: 20.248 ng/ul
RT: 16.29 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.0	21.2	31.8#
249	32.2	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: 19.648 ng/ul

RT: 16.47 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

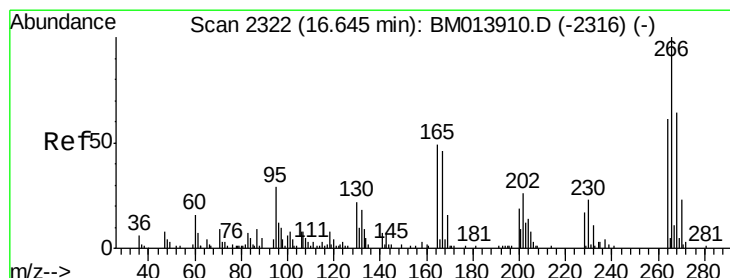
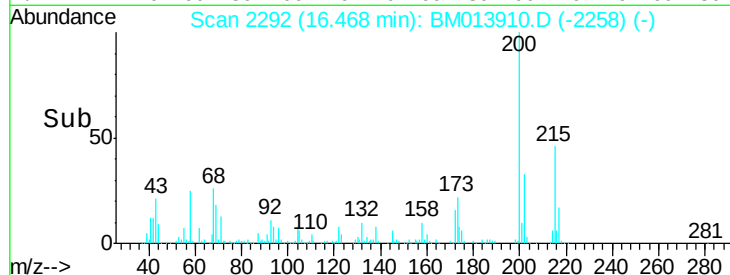
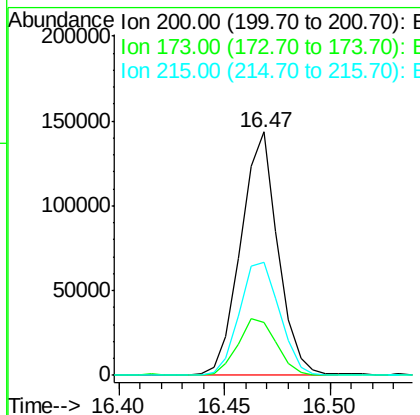
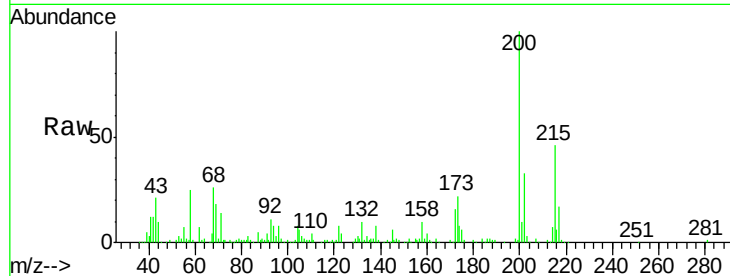
ClientSampled :

SSTD02051

Tot Ion:	200	Resp:	175708
Ion Ratio	Lower	Upper	
200	100		
173	21.6	18.2	27.2
215	46.5	35.0	52.4

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#68

Pentachlorophenol

Concen: 16.138 ng/ul

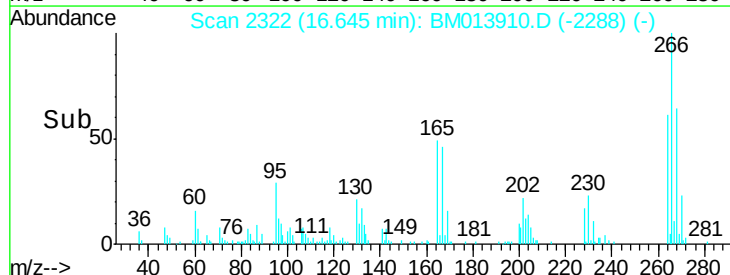
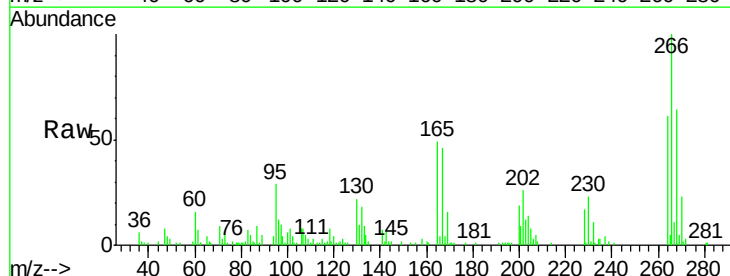
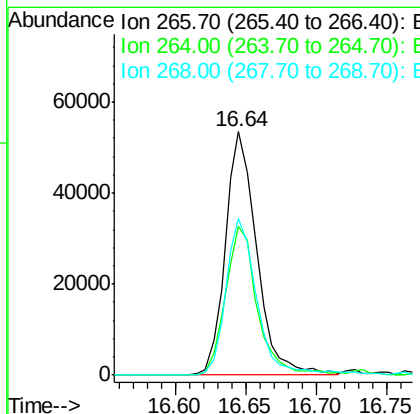
RT: 16.64 min Scan# 2322

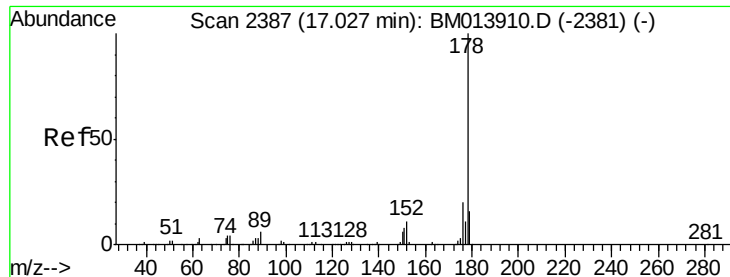
Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	266	Resp:	83058
Ion Ratio	Lower	Upper	
266	100		
264	61.4	49.3	73.9
268	64.4	52.6	78.8





#69

Phenanthrene

Concen: 18.912 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

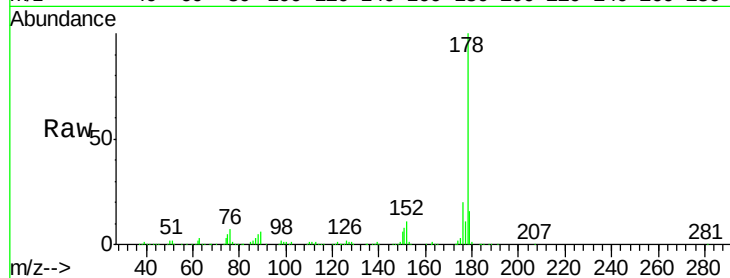
ClientSampleId :

SSTD02051

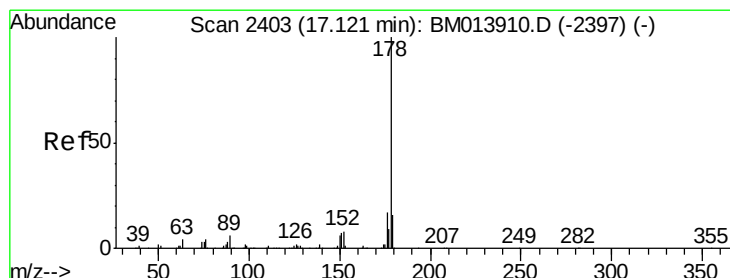
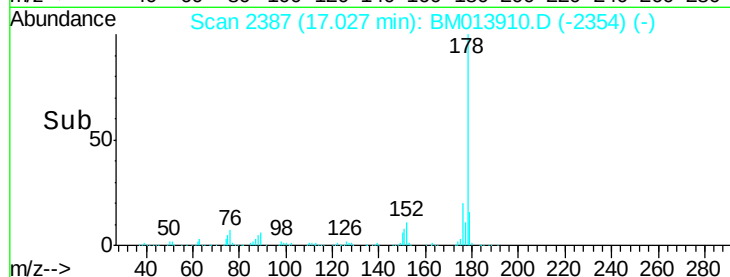
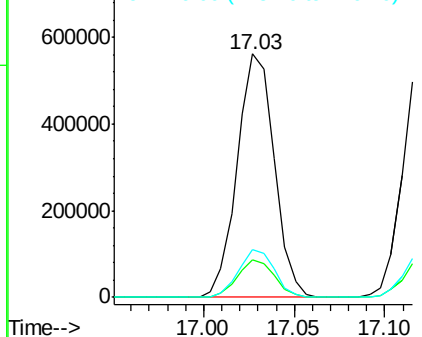
Tot Ion:178	Resp:	800888
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.6 19.0
176	19.6	14.9 22.3

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 18.827 ng/ul

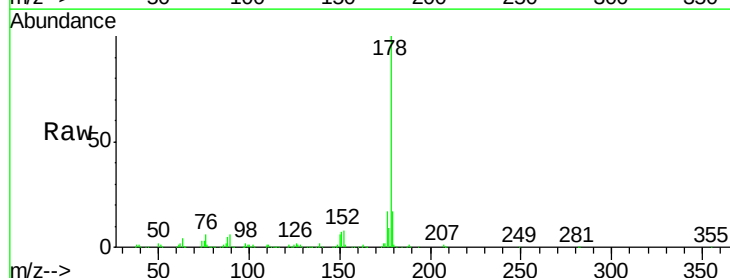
RT: 17.12 min Scan# 2403

Delta R.T. -0.00 min

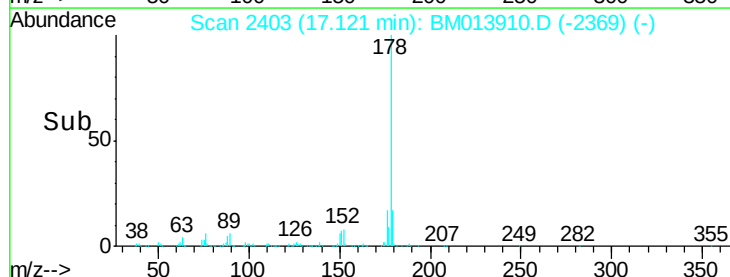
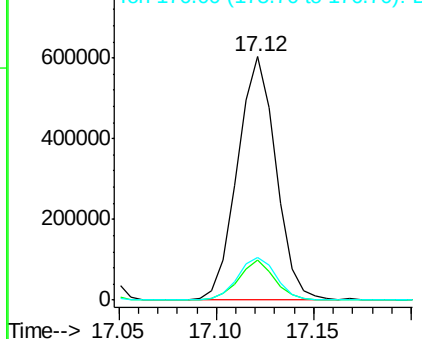
Lab File: BM013910.D

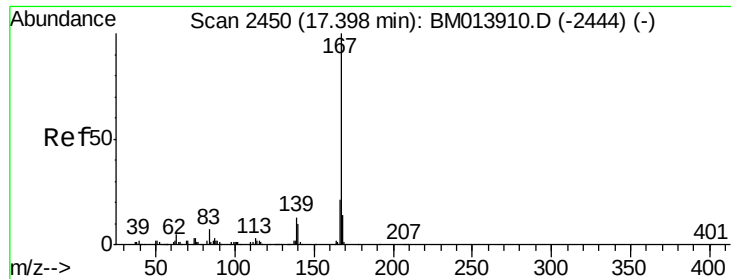
Acq: 28 Jan 2018 06:40

Tgt Ion:178	Resp:	822332
Ion Ratio	Lower	Upper
178	100	
179	16.5	11.7 17.5
176	17.4	14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





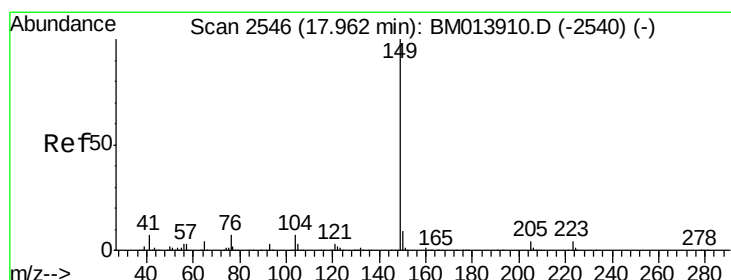
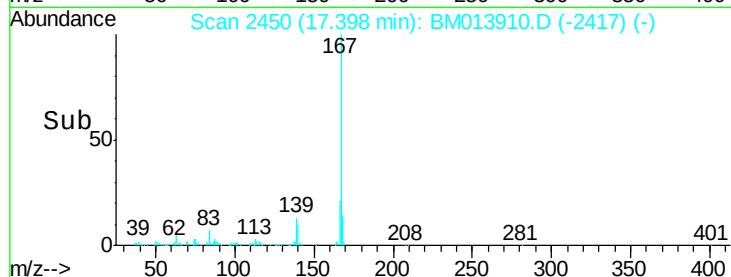
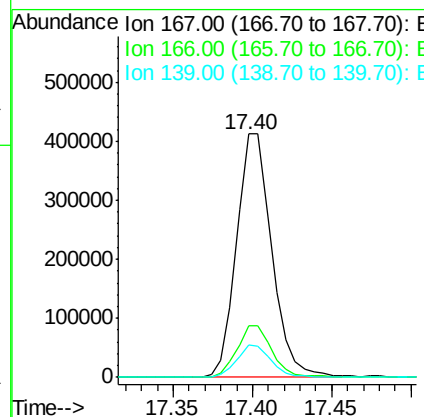
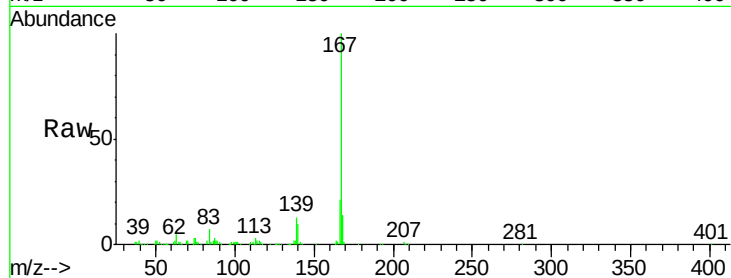
#72
 Carbazole
 Concen: 17.700 ng/ul
 RT: 17.40 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Instrument :
 BNA_M
 ClientSampleId :
 SST02051

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.1	17.1	25.7	
139	13.1	10.0	15.0	

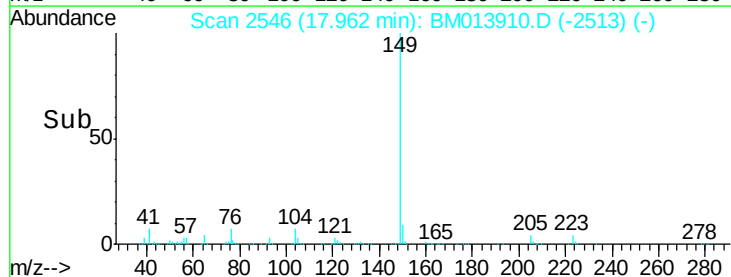
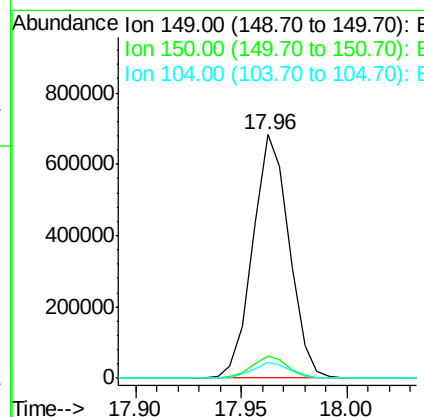
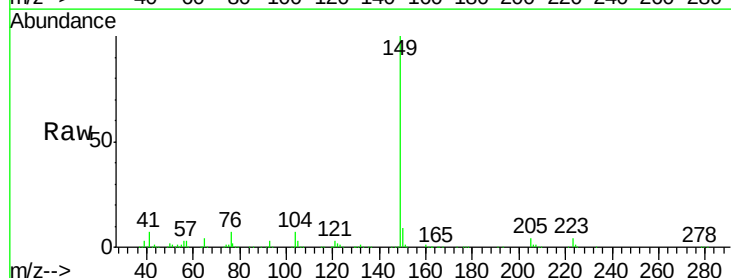
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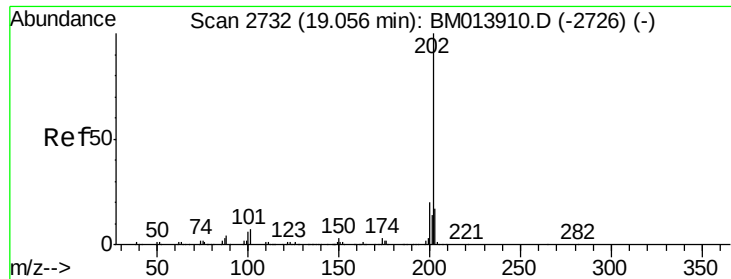
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#73
 Di-n-butylphthalate
 Concen: 19.328 ng/ul
 RT: 17.96 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BM013910.D
 Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.2	7.1	10.7	
104	6.5	5.6	8.4	





#74

Fluoranthene

Concen: 17.602 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

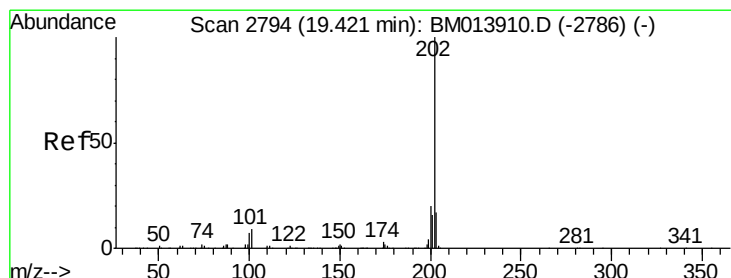
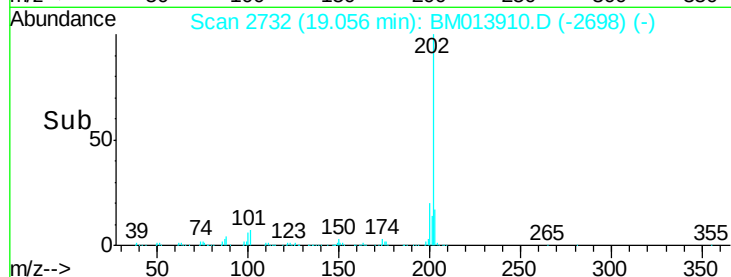
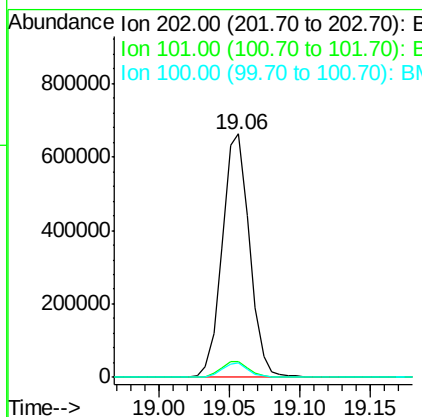
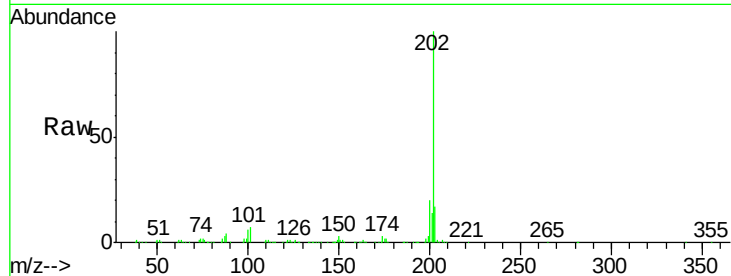
ClientSampleId :

SSTD02051

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		889769		
101	6.5	4.6	7.0		
100	5.7	3.4	5.2#		

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#77

Pyrene

Concen: 21.169 ng/ul

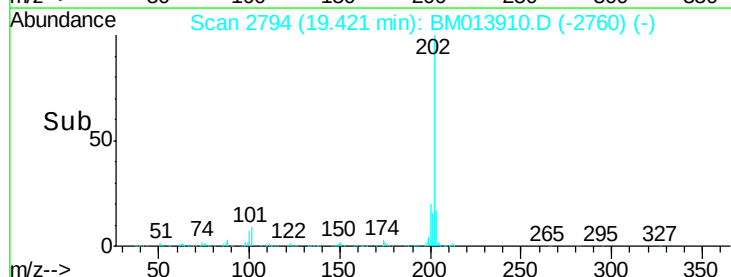
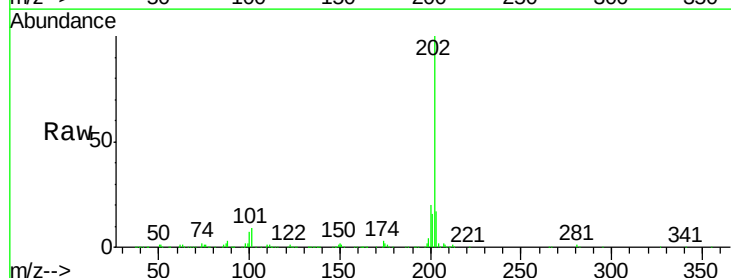
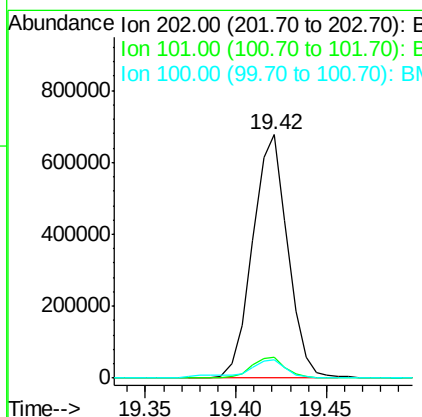
RT: 19.42 min Scan# 2794

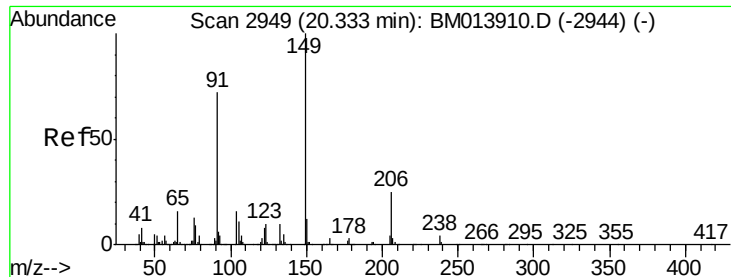
Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		908879		
101	8.7	5.1	7.7#		
100	7.3	4.9	7.3#		





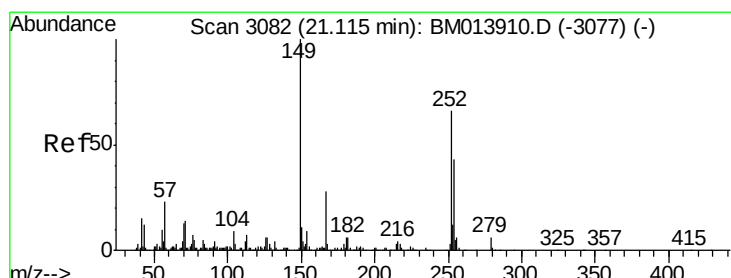
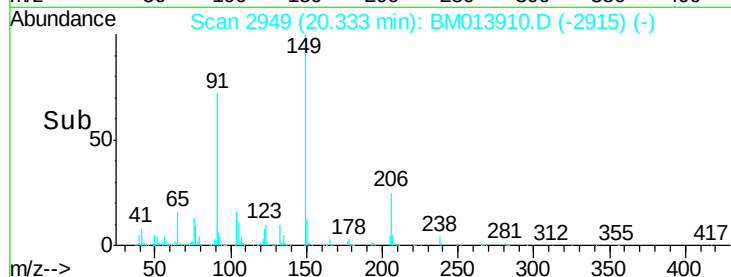
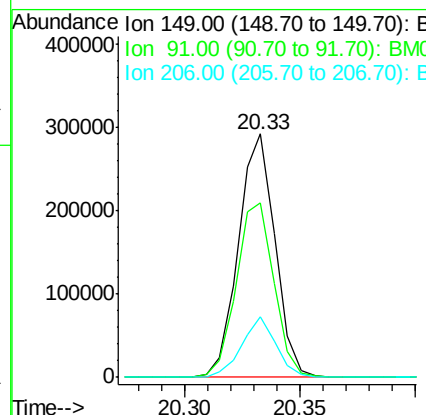
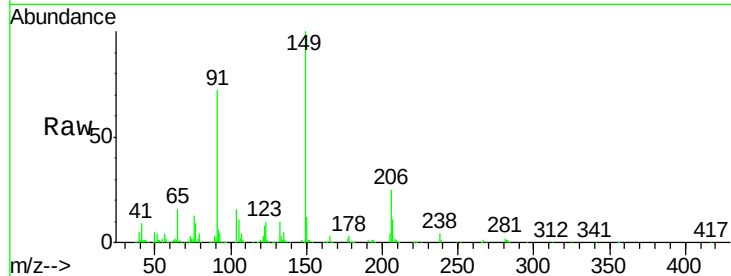
#78
Butylbenzylphthalate
Concen: 21.231 ng/ul
RT: 20.33 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tot Ion	Ratio	Resp	Lower	Upper
149	100	321103		
91	71.6	62.7	94.1	
206	24.9	20.8	31.2	

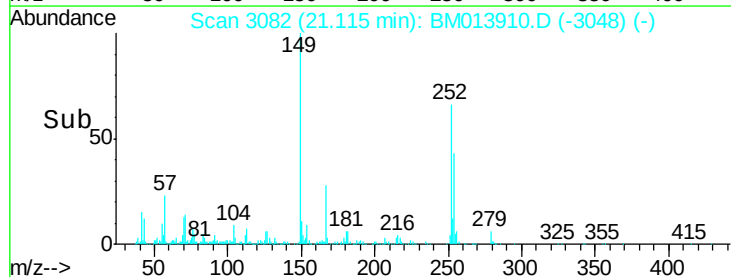
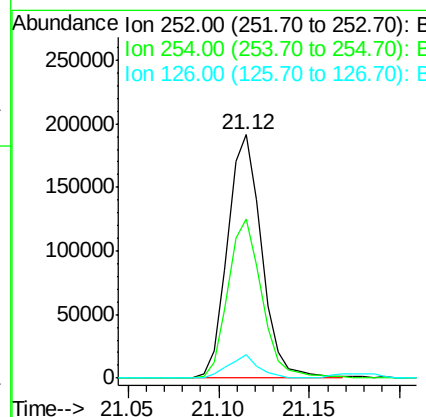
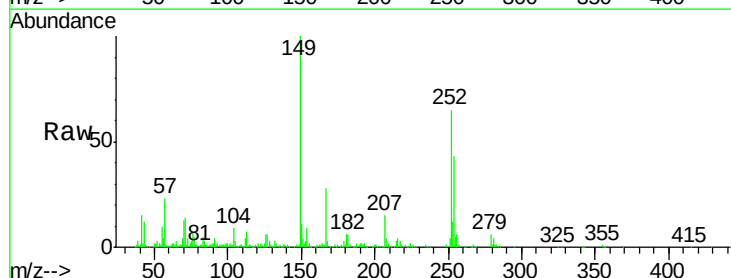
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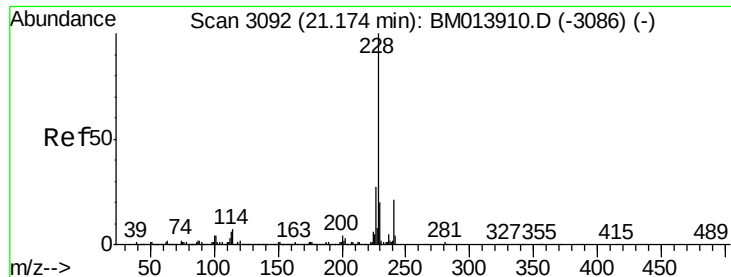
Sohil
1/29/2018 6:04:40 PM



#79
3,3'-Dichlorobenzidine
Concen: 21.148 ng/ul
RT: 21.12 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	247080		
254	65.2	54.5	81.7	
126	9.6	5.8	8.8#	





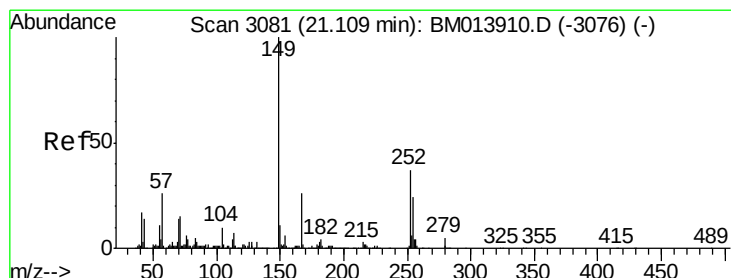
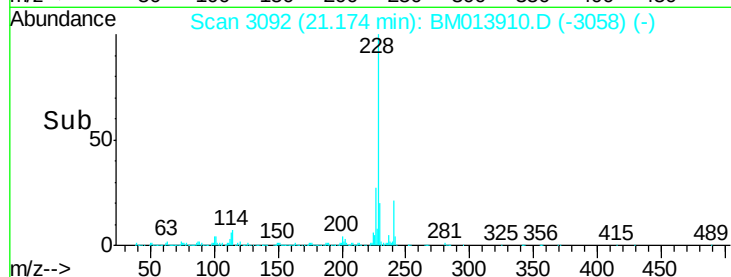
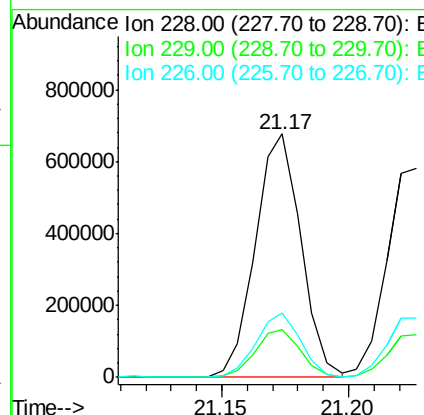
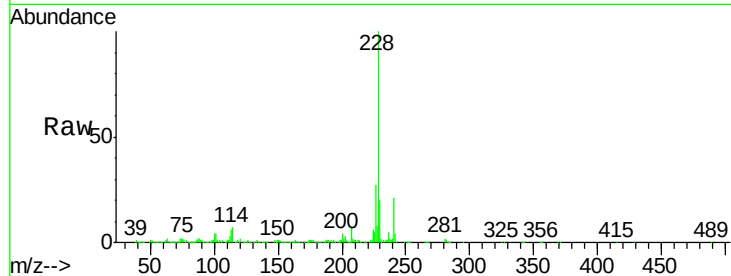
#80
Benzo(a)anthracene
Concen: 19.939 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Instrument :
BNA_M
ClientSampleId :
SSTD02051

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.4	23.0
226	26.5	21.4	32.0

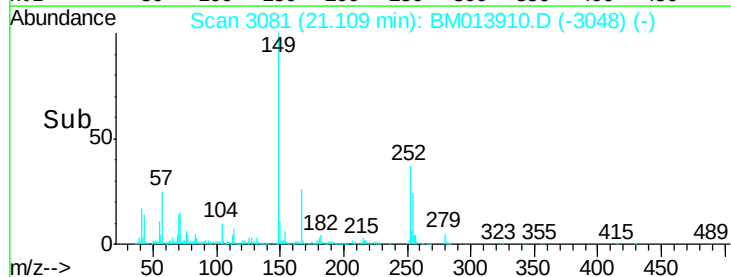
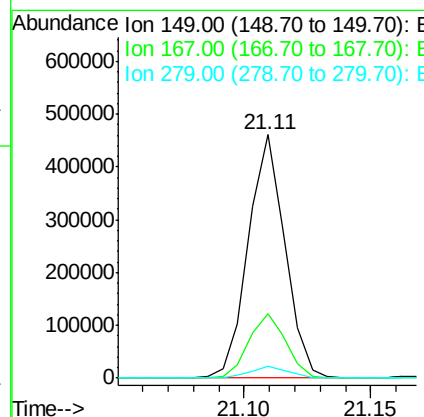
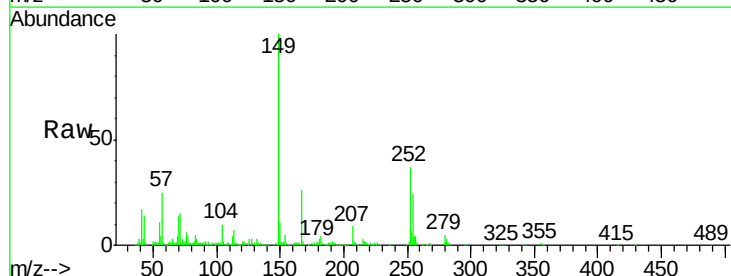
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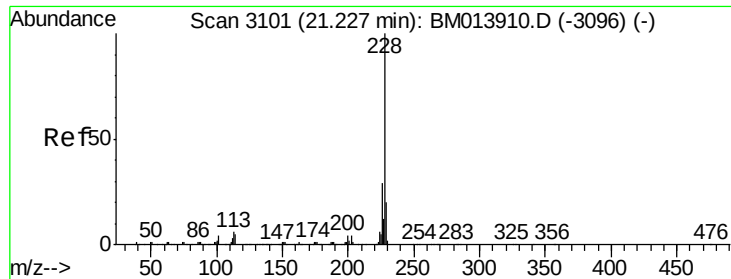
Sohil
1/29/2018 6:04:40 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 20.302 ng/ul
RT: 21.11 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM013910.D
Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.4	22.8	34.2
279	4.9	4.9	7.3





#82

Chrysene

Concen: 19.454 ng/ul

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

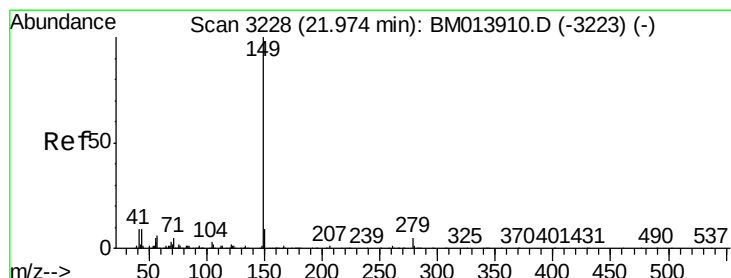
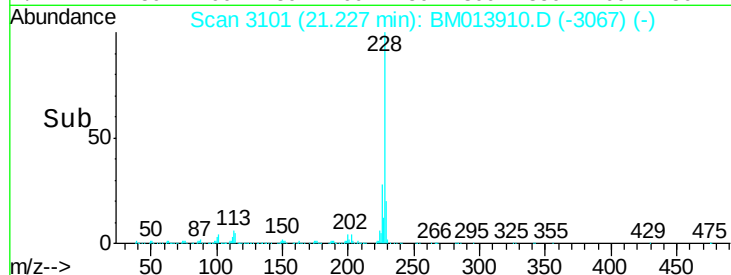
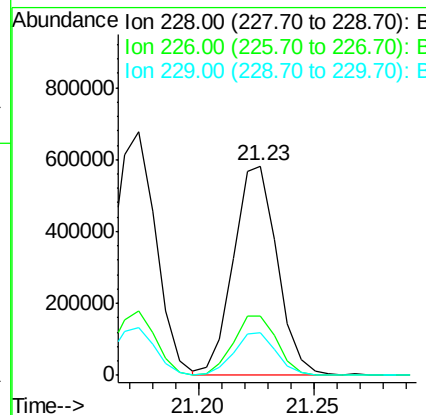
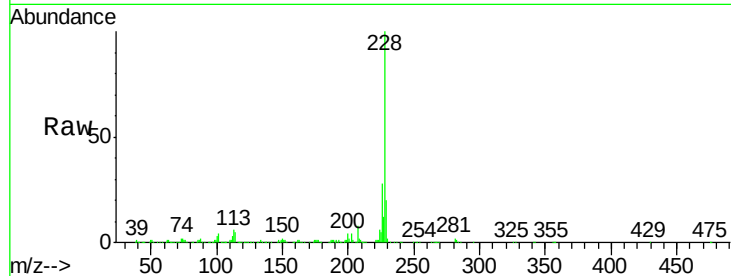
ClientSampleId :

SSTD02051

Tot Ion:	228	Resp:	761607
Ion Ratio		Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.2	15.5	23.3

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#84

Di-n-octyl phthalate

Concen: 18.315 ng/ul

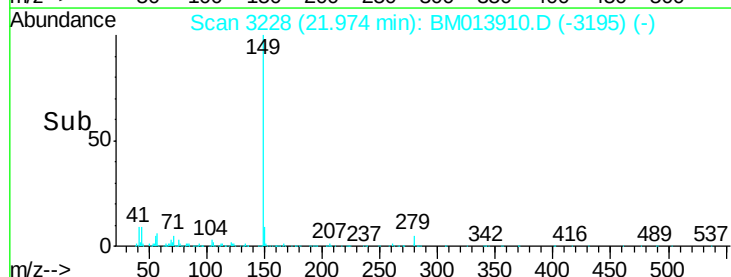
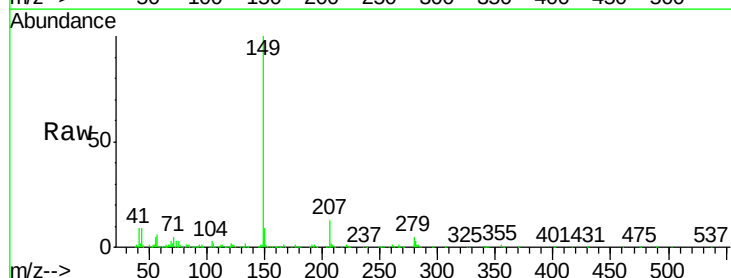
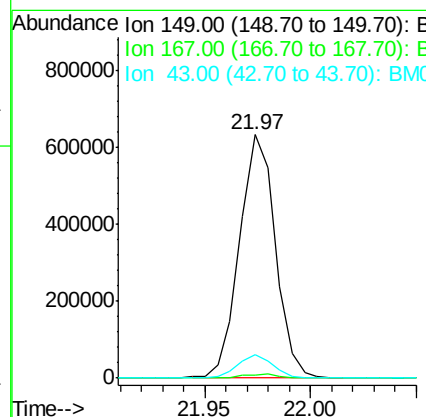
RT: 21.97 min Scan# 3228

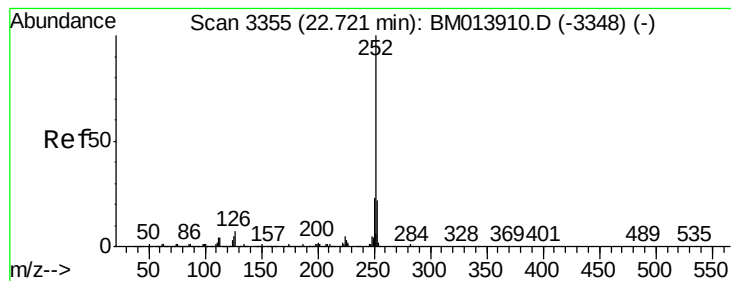
Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	149	Resp:	736117
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.4	7.3	10.9





#85

Benzo(b)fluoranthene

Concen: 20.045 ng/ul m

RT: 22.72 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

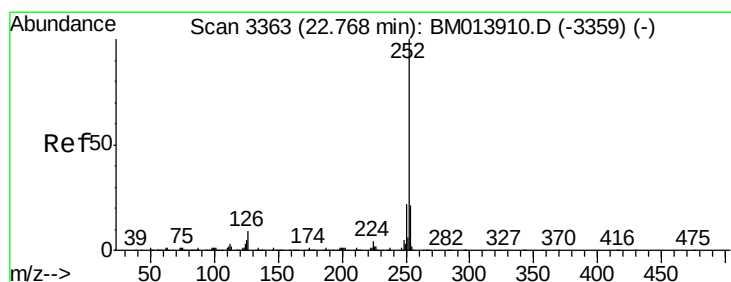
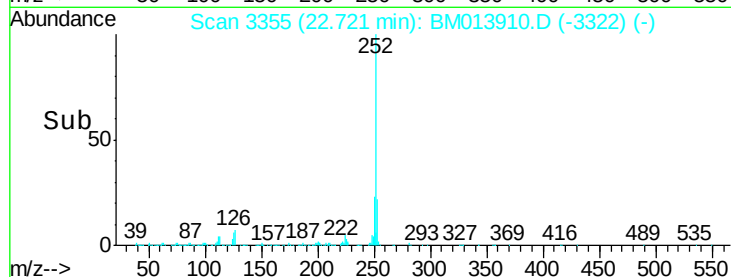
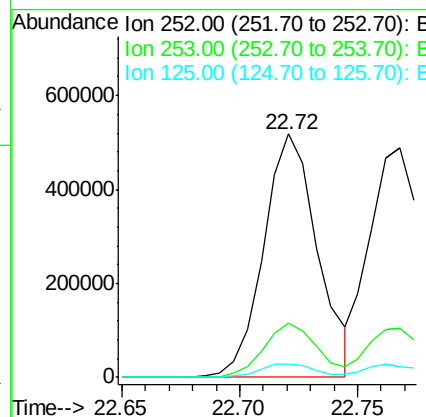
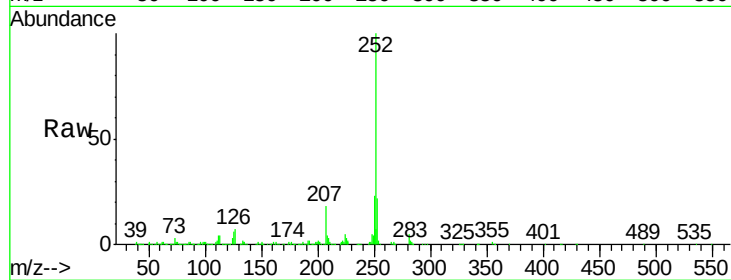
ClientSampleId :

SSTD02051

Tot Ion:	252	Resp:	820998
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	5.5	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 19.388 ng/ul

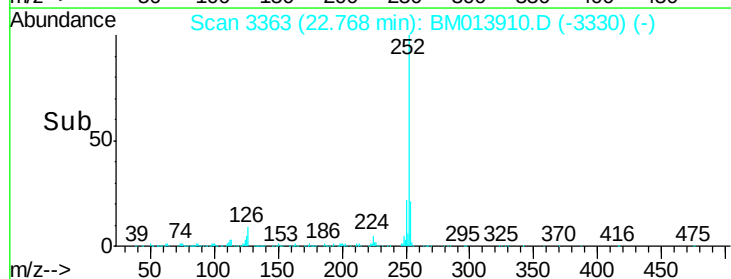
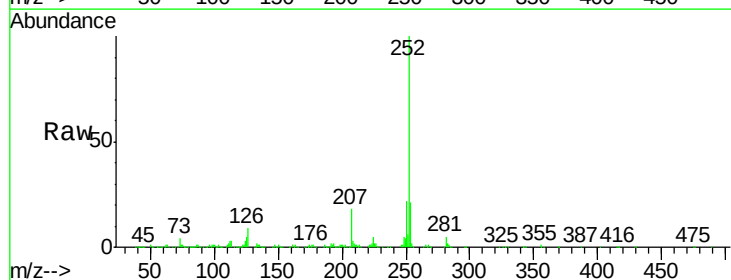
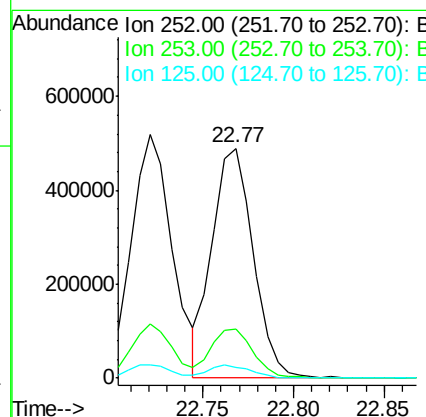
RT: 22.77 min Scan# 3363

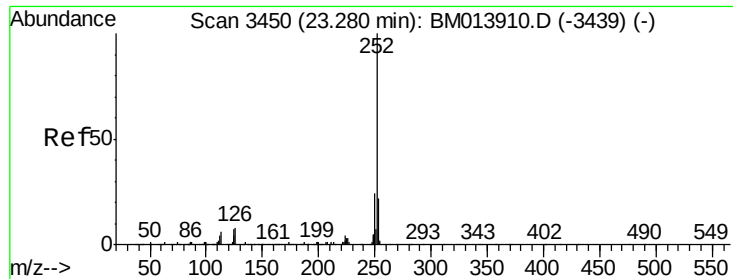
Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion:	252	Resp:	767525
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.1	25.7
125	4.8	3.4	5.2





#88

Benzo(a)pyrene

Concen: 19.783 ng/ul

RT: 23.28 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

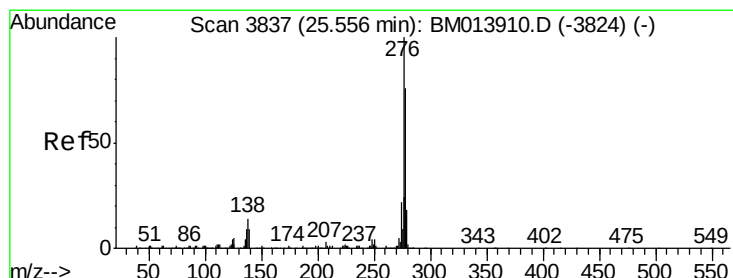
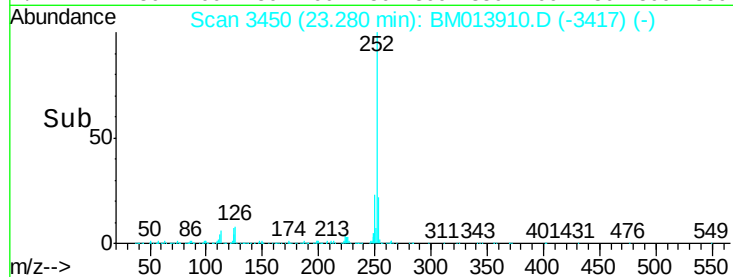
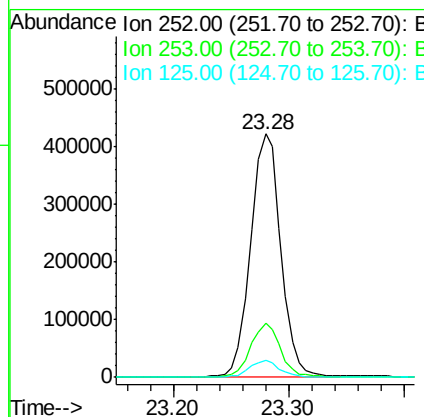
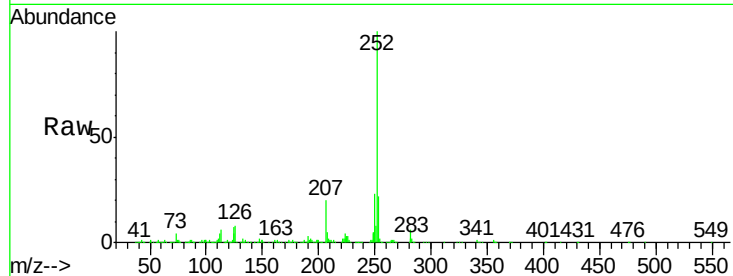
ClientSampleId :

SSTD02051

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	7.0	4.0	6.0

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#89

Indeno(1,2,3-cd)pyrene

Concen: 19.356 ng/ul

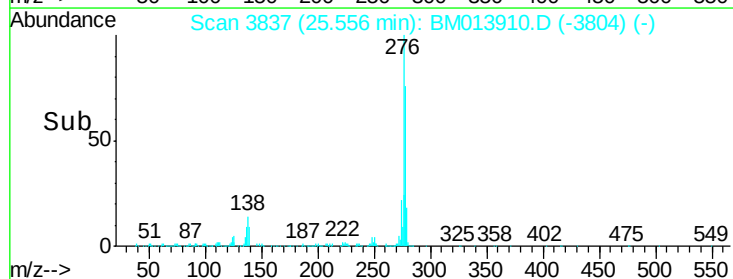
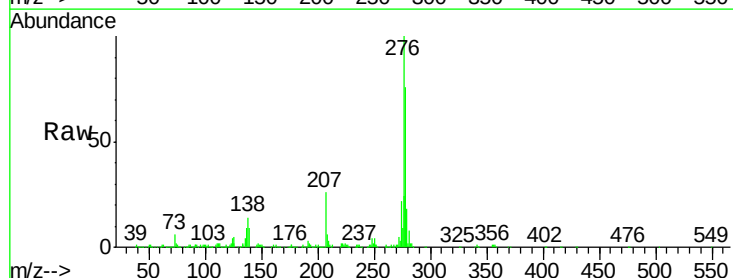
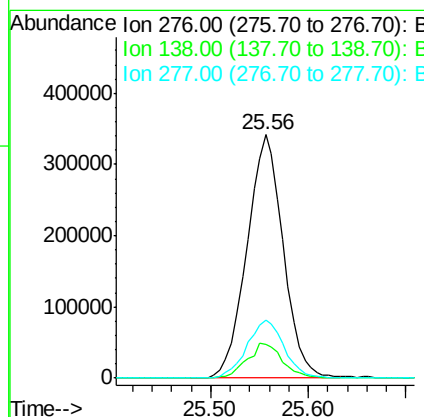
RT: 25.56 min Scan# 3837

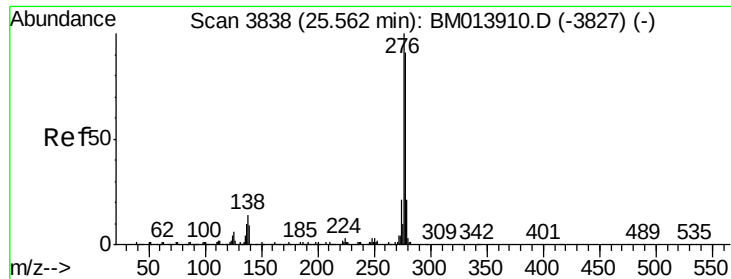
Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	9.3	13.9
277	23.9	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 19.560 ng/ul

RT: 25.56 min Scan# 3838

Delta R.T. -0.01 min

Lab File: BM013910.D

Acq: 28 Jan 2018 06:40

Instrument :

BNA_M

ClientSampleId :

SSTD02051

Tot Ion:278 Resp: 754377
Ion Ratio Lower Upper

278 100

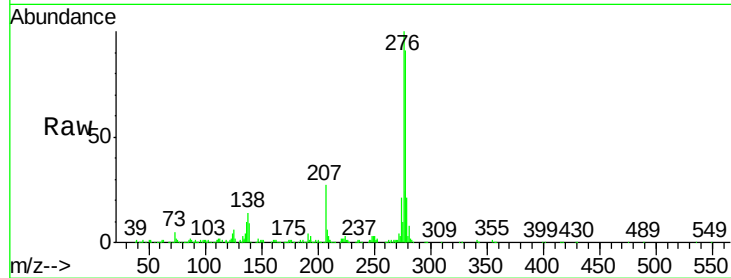
139 10.4 5.8 8.8#

279 23.5 18.6 27.8

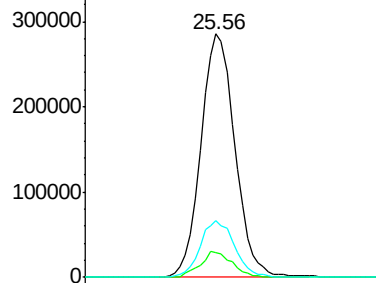
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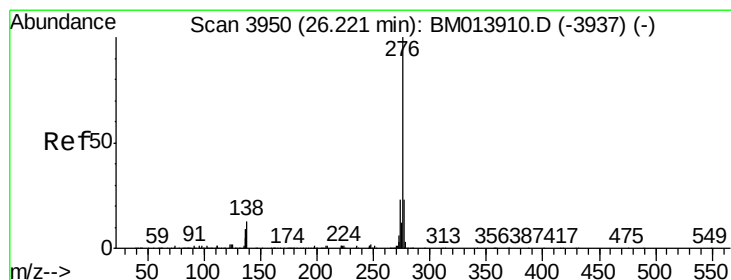
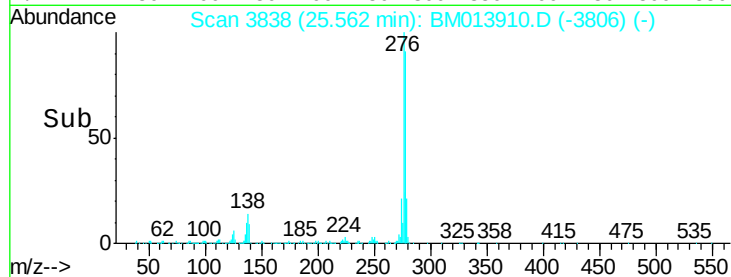
1/29/2018 6:04:40 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->



#91

Benzo(g,h,i)perylene

Concen: 19.667 ng/ul

RT: 26.22 min Scan# 3950

Delta R.T. -0.01 min

Lab File: BM013910.D

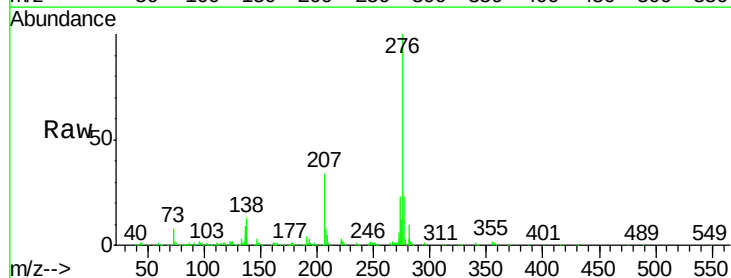
Acq: 28 Jan 2018 06:40

Tgt Ion:276 Resp: 739257
Ion Ratio Lower Upper

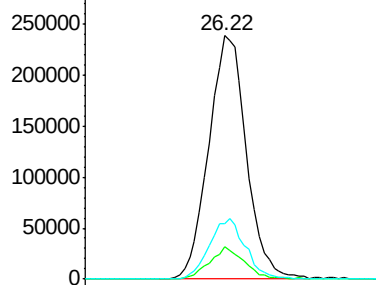
276 100

138 13.2 8.5 12.7#

277 22.8 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->

