

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014154.D
 Acq On : 07 Feb 2018 10:21
 Operator : SJ/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

Sohil
 2/8/2018 3:50:13 PM

Quant Time: Feb 07 15:39:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 13:28:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	54126	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	228752	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	159752	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	389910	20.00	ng	0.00
75) Chrysene-d12	21.17	240	474742	20.00	ng	0.00
86) Perylene-d12	23.34	264	477242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	14459	4.50	ng	0.01
7) Phenol-d6	6.75	99	16882	3.79	ng	0.00
23) Nitrobenzene-d5	8.72	82	21361	6.15	ng	0.01
41) 2,4,6-Tribromophenol	15.72	330	8509	4.60	ng	0.01
44) 2-Fluorobiphenyl	12.81	172	57440	5.18	ng	0.00
78) Terphenyl-d14	19.60	244	95972	5.02	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.55	79	7907	1.927	ng	# 67
4) n-Nitrosodimethylamine	3.46	42	6002	2.864	ng	# 34
6) Aniline	6.90	93	11897	1.965	ng	97
8) 2-Chlorophenol	7.12	128	7212	1.903	ng	92
9) Benzaldehyde	6.73	77	7871m	3.037	ng	
10) Phenol	6.76	94	8431m	1.720	ng	
11) bis(2-Chloroethyl)ether	6.99	93	7994	2.040	ng	79
12) 1,3-Dichlorobenzene	7.43	146	9766	2.262	ng	# 74
13) 1,4-Dichlorobenzene	7.58	146	9641	2.196	ng	90
14) 1,2-Dichlorobenzene	7.90	146	10497	2.470	ng	# 84
15) Benzyl Alcohol	7.82	79	7500	2.327	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.09	45	8269	1.262	ng	# 55
17) 2-Methylphenol	8.01	107	6551	2.087	ng	# 79
18) Hexachloroethane	8.60	117	4678	3.113	ng	# 78
19) n-Nitroso-di-n-propylamine	8.36	70	7369	2.251	ng	# 95
22) Acetophenone	8.39	105	15299	2.692	ng	# 85
24) Nitrobenzene	8.76	77	13086	3.421	ng	# 73
25) Isophorone	9.27	82	20212	2.599	ng	# 89
27) 2,4-Dimethylphenol	9.55	122	6757m	1.863	ng	
28) bis(2-Chloroethoxy)methane	9.77	93	8688	1.637	ng	# 87
29) 2,4-Dichlorophenol	10.03	162	6309m	1.859	ng	
30) 1,2,4-Trichlorobenzene	10.19	180	11098	2.955	ng	# 89
31) Naphthalene	10.37	128	29096	2.356	ng	99
34) Hexachlorobutadiene	10.65	225	8540	3.990	ng	86
36) 4-Chloro-3-methylphenol	11.66	107	7715	1.936	ng	# 74
37) 2-Methylnaphthalene	12.00	142	19609	2.281	ng	# 70
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	12990	2.702	ng	# 100
42) 2,4,6-Trichlorophenol	12.64	196	7007	2.202	ng	86
43) 2,4,5-Trichlorophenol	12.73	196	7219	2.234	ng	# 79
45) 1,1'-Biphenyl	13.03	154	28802	2.031	ng	88
46) 2-Chloronaphthalene	13.07	162	21943	2.083	ng	# 86
48) Acenaphthylene	13.92	152	37403	2.279	ng	97
49) Dimethylphthalate	13.67	163	31537	2.484	ng	# 95
50) 2,6-Dinitrotoluene	13.80	165	6013	2.502	ng	# 55

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 ClientSampleId :
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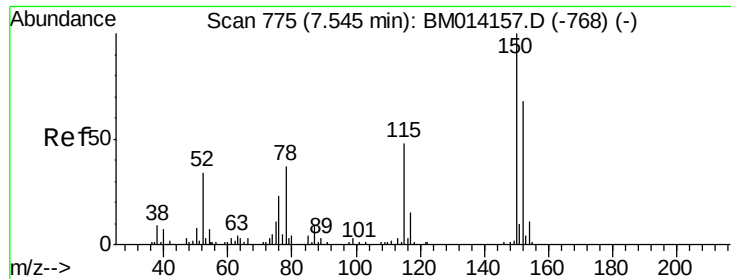
Manual Integrations
 APPROVED

Sohil
 2/8/2018 3:50:13 PM

Quant Time: Feb 07 15:39:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
51) Acenaphthene	14.26	154	24282	2.278	nq	# 82
54) Dibenzofuran	14.62	168	34859	2.372	nq	# 83
57) Fluorene	15.26	166	31006	2.420	nq	90
59) Diethylphthalate	15.04	149	34116	2.608	nq	96
60) 4-Chlorophenyl-phenylether	15.26	204	16760	2.804	nq	94
62) Azobenzene	15.55	77	39006	3.309	nq	81
65) n-Nitrosodiphenylamine	15.49	169	25652	2.088	nq	# 84
66) 4-Bromophenyl-phenylether	16.16	248	10186	2.484	nq	# 81
67) Hexachlorobenzene	16.26	284	11976	2.488	nq	# 71
68) Atrazine	16.44	200	9401	2.611	nq	96
70) Phenanthrene	17.00	178	54160	2.494	nq	# 94
71) Anthracene	17.10	178	46591	2.134	nq	98
73) Di-n-butylphthalate	17.94	149	52921	2.165	nq	# 94
74) Fluoranthene	19.04	202	61597	2.486	nq	92
77) Pyrene	19.40	202	63491	2.182	nq	# 92
80) Benzo(a)anthracene	21.15	228	66829	2.517	nq	97
82) Chrysene	21.20	228	72694	2.905	nq	94
85) Indeno(1,2,3-cd)pyrene	25.52	276	66921	2.867	nq	96
87) Benzo(b)fluoranthene	22.70	252	67702	2.311	nq	# 92
88) Benzo(k)fluoranthene	22.74	252	59938	2.134	nq	# 94
89) Benzo(a)pyrene	23.25	252	60190	2.278	nq	96
90) Dibenzo(a,h)anthracene	25.53	278	52759	2.333	nq	95
91) Benzo(g,h,i)perylene	26.19	276	51581	2.360	nq	# 89

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



#1

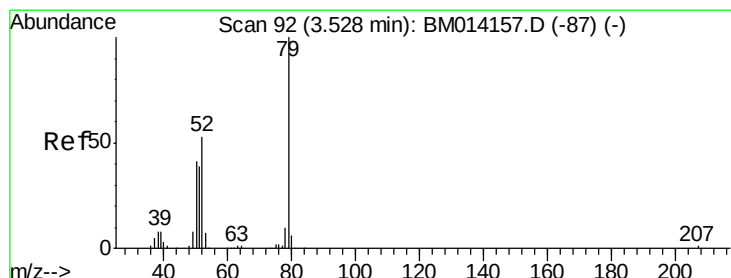
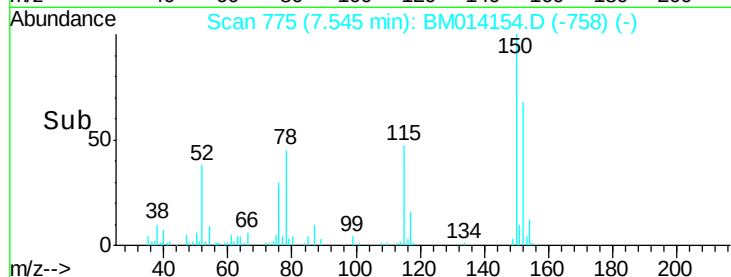
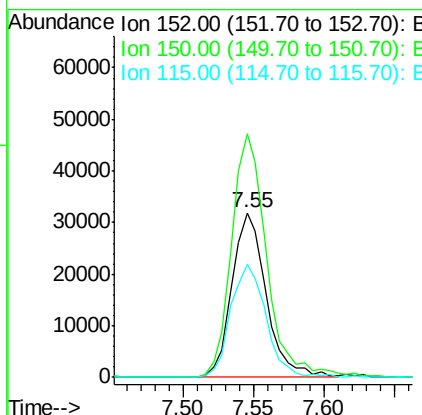
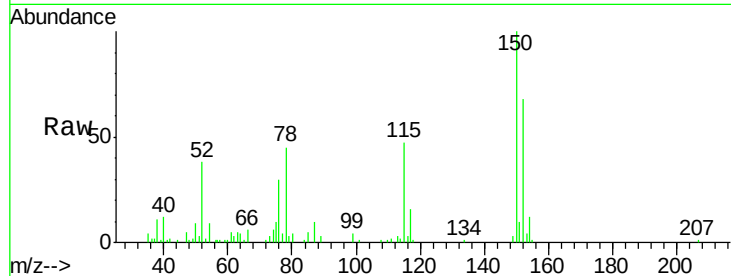
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 775
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	119.5	179.3
115	68.9	43.0	64.4

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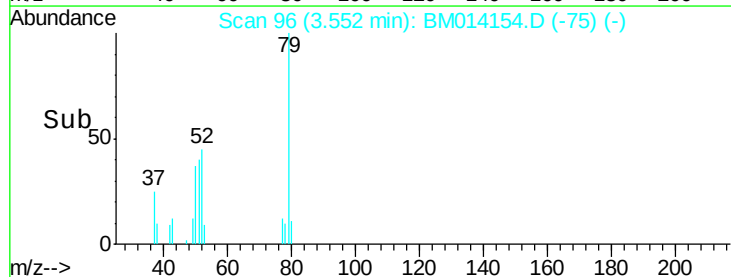
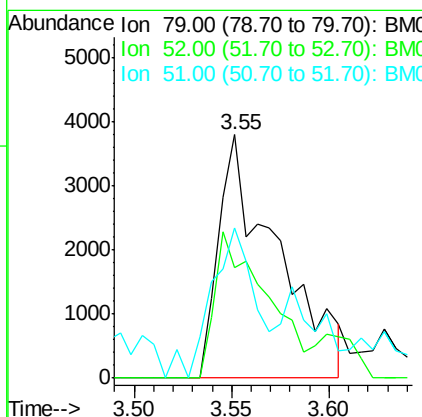
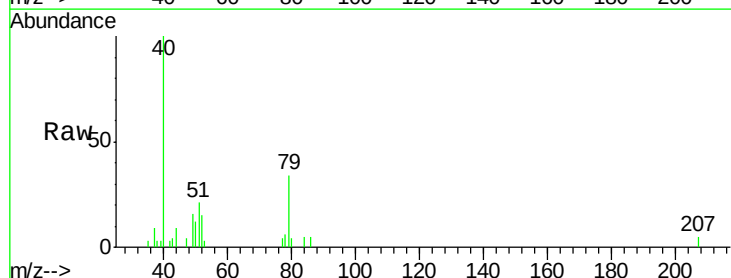
Sohil
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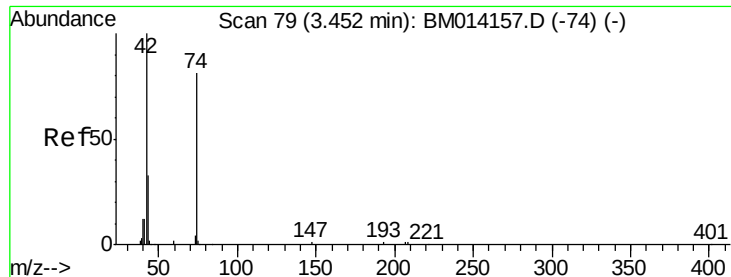


#3

Pyridine
Concen: 1.927 ng
RT: 3.55 min Scan# 96
Delta R.T. 0.02 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
79	100		
52	45.3	51.1	76.7
51	61.7	26.1	39.1





#4

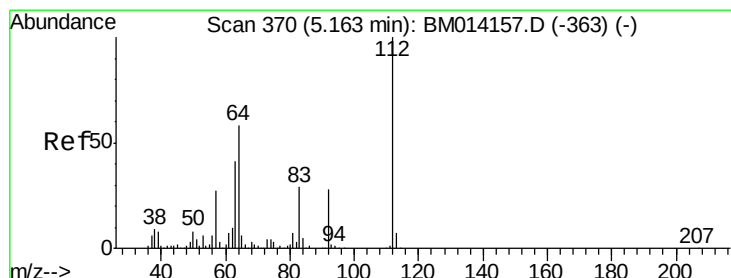
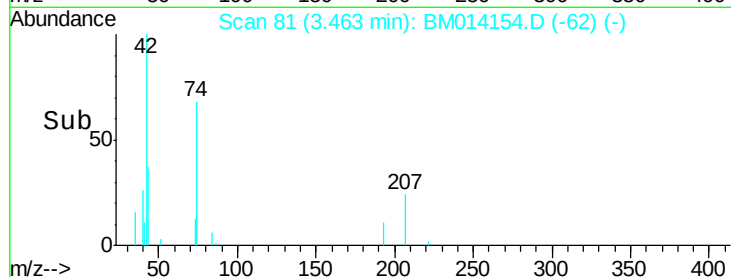
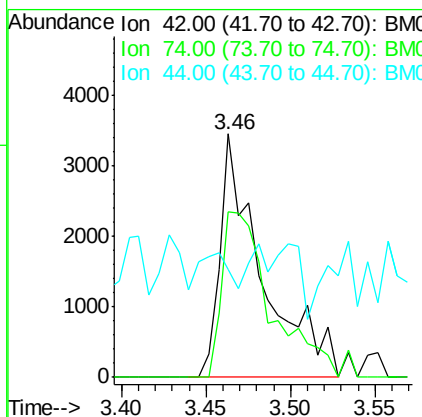
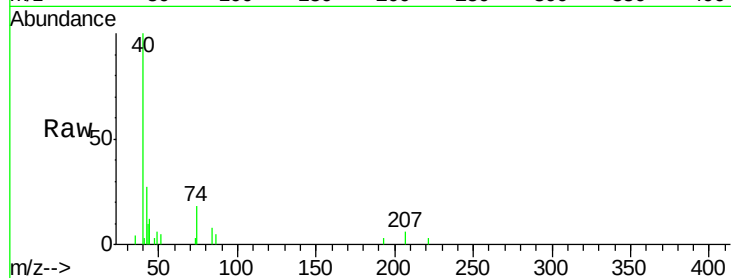
n-Nitrosodimethylamine
 Concen: 2.864 ng
 RT: 3.46 min Scan# 81
 Delta R.T. 0.01 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
42	100		
74	68.0	119.3	178.9#
44	44.6	5.4	8.2#

Manual Integrations
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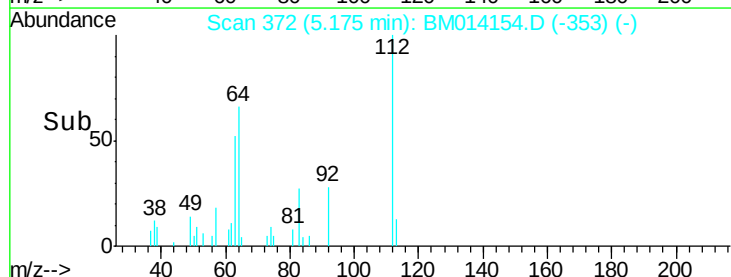
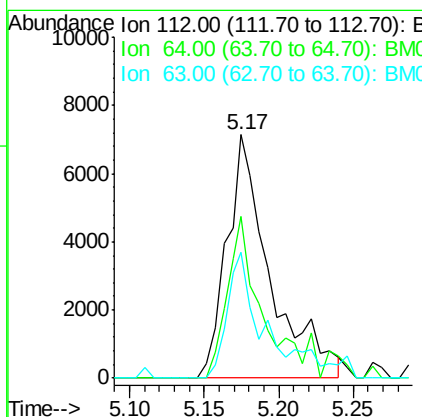
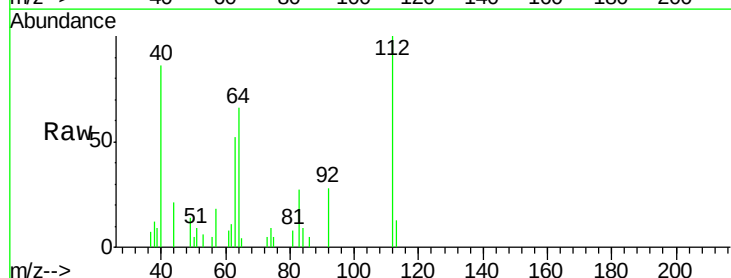
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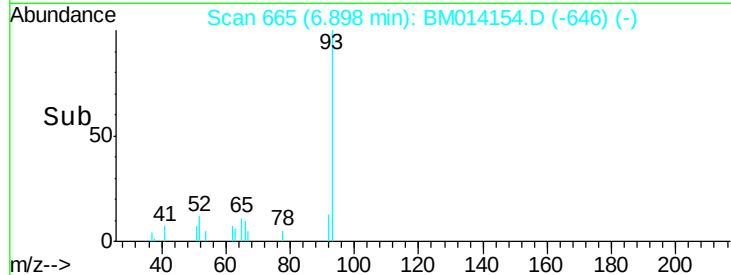
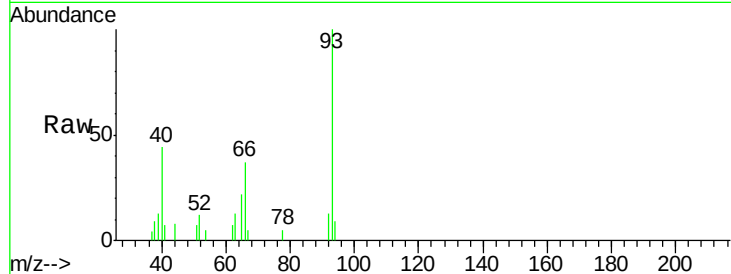
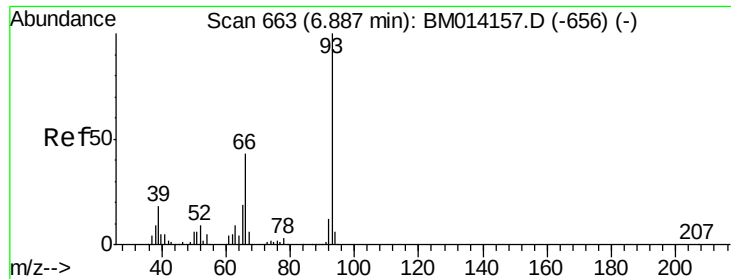


#5

2-Fluorophenol
 Concen: 4.497 ng
 RT: 5.17 min Scan# 372
 Delta R.T. 0.01 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	38.6	57.8#
63	51.9	19.3	28.9#





#6

Aniline

Concen: 1.965 ng

RT: 6.90 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tot Ion:	93	Resp:	11897
Ion	Ratio	Lower	Upper
93	100		
66	37.2	30.8	46.2
65	22.4	16.0	24.0

Instrument :

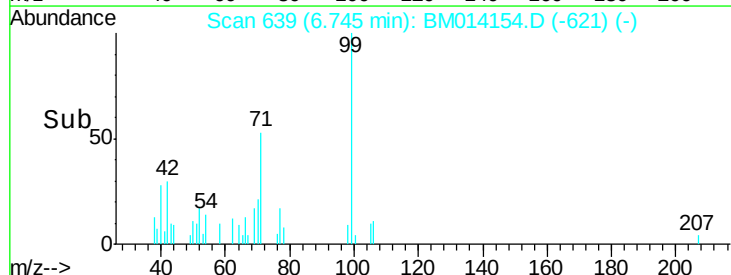
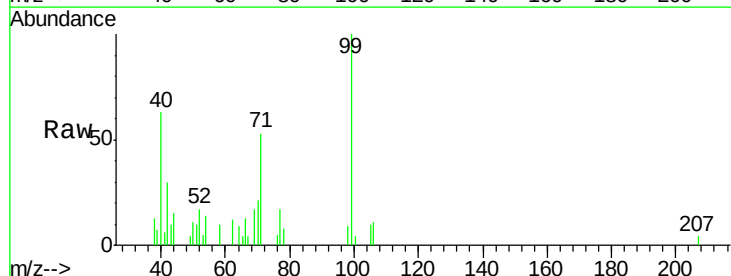
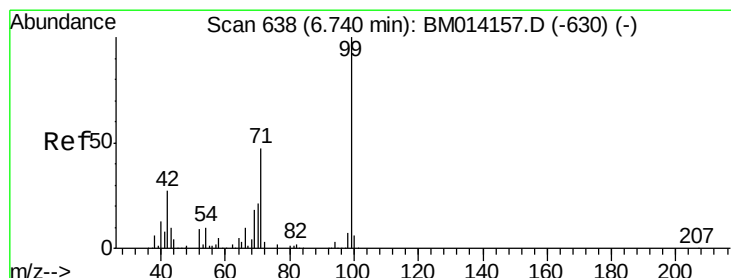
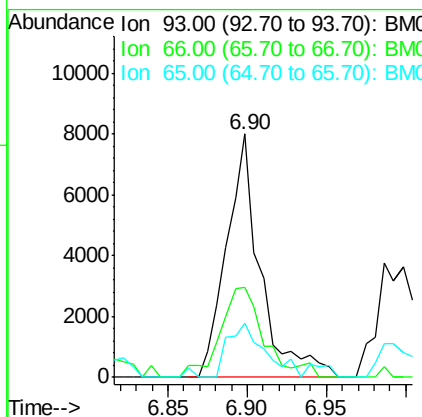
BNA_M

ClientSampled :

SSTDICC2.5

Manual Integrations
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Sohil
2/8/2018 3:50:13 PM



#7

Phenol-d6

Concen: 3.786 ng

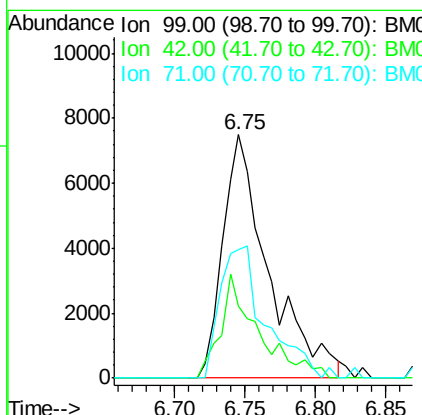
RT: 6.75 min Scan# 639

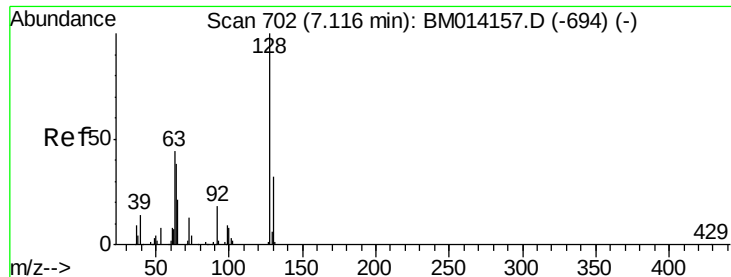
Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion:	99	Resp:	16882
Ion	Ratio	Lower	Upper
99	100		
42	29.8	11.0	16.4#
71	52.9	23.4	35.2#





#8

2-Chlorophenol

Concen: 1.903 ng

RT: 7.12 min Scan# 703

Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

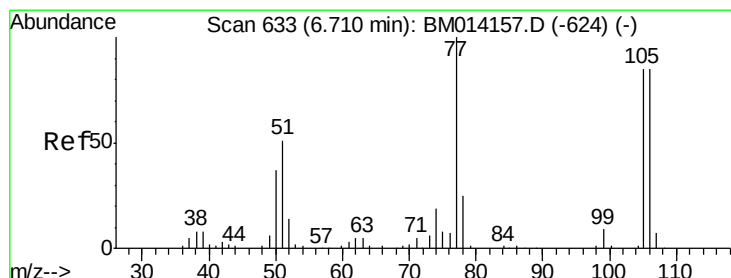
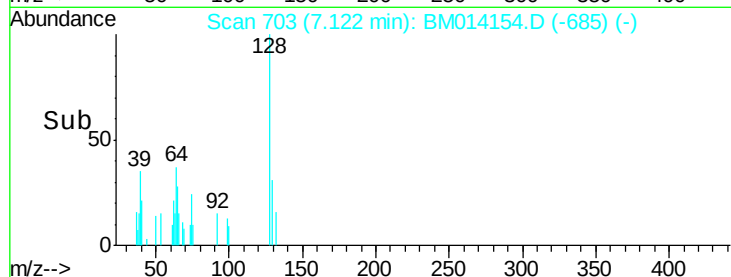
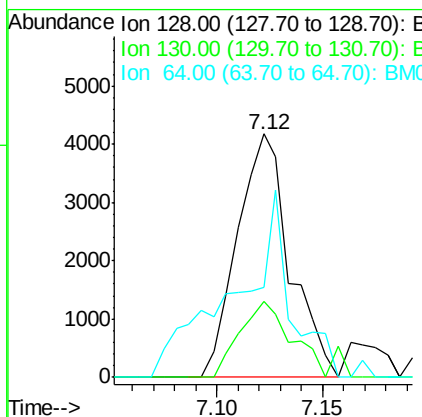
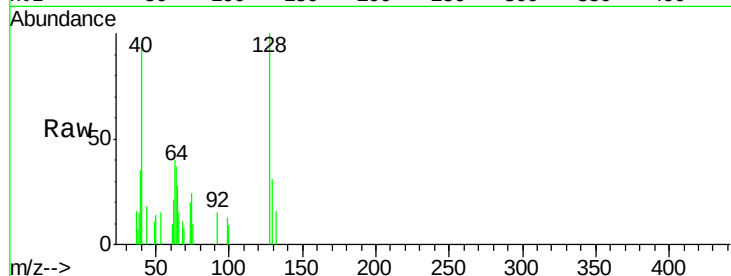
ClientSampled :

SSTDICC2.5

Tot Ion:	128	Resp:	7212
Ion Ratio	Lower	Upper	
128	100		
130	31.0	12.0	52.0
64	36.8	24.9	64.9

Manual Integrations
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2/8/2018 3:50:13 PM



#9

Benzaldehyde

Concen: 3.037 ng m

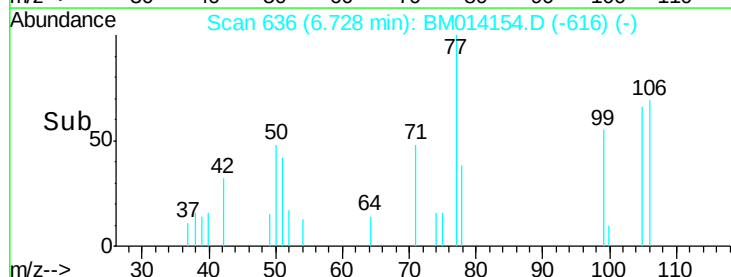
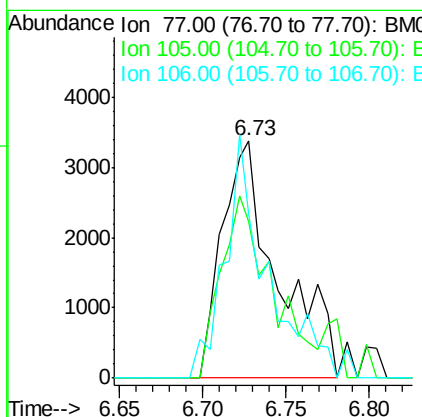
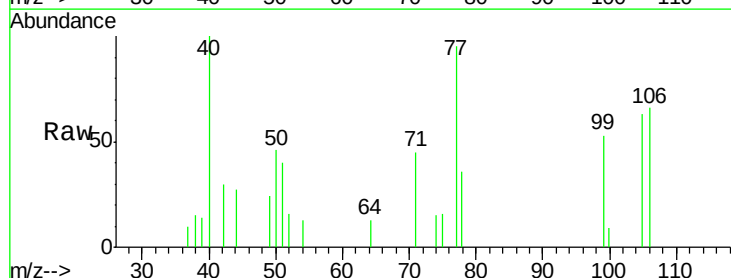
RT: 6.73 min Scan# 636

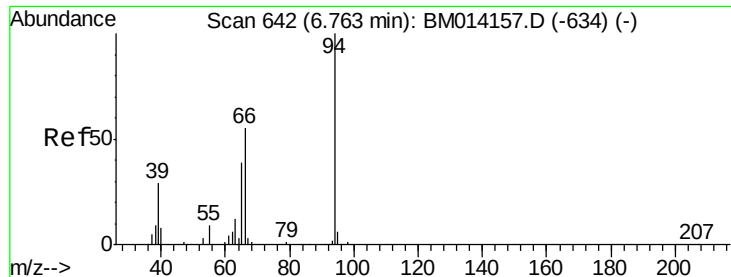
Delta R.T. 0.02 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion:	77	Resp:	7871
Ion Ratio	Lower	Upper	
77	100		
105	66.1	78.8	118.8#
106	69.0	73.7	113.7#





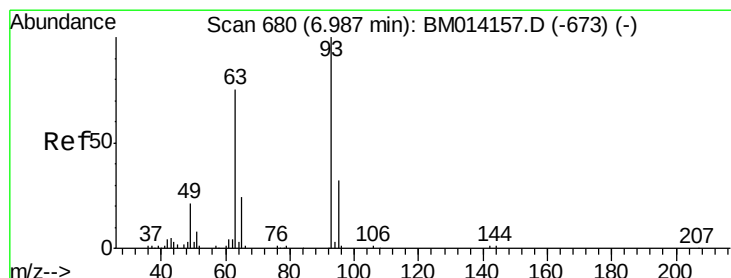
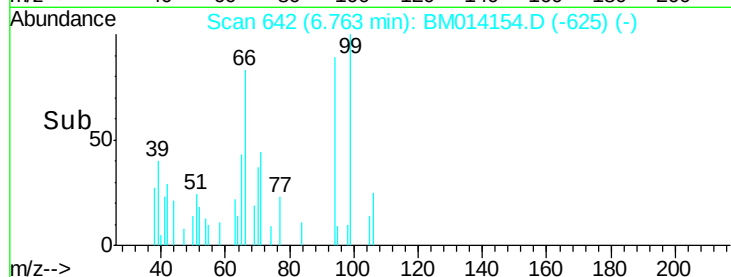
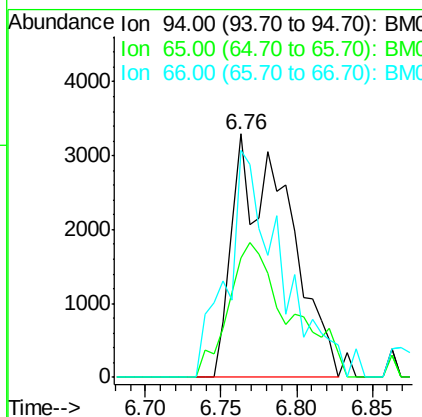
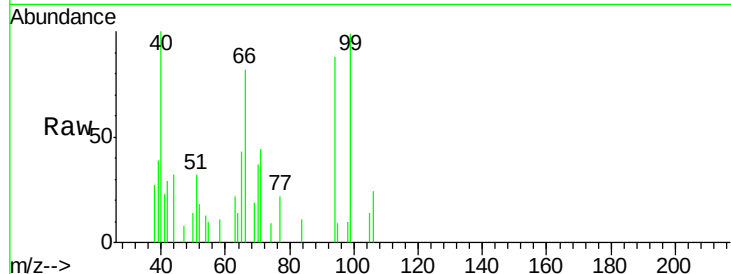
#10
Phenol
Concen: 1.720 ng
RT: 6.76 min Scan# 642
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
94	100		
65	48.9	18.8	58.8
66	93.2	39.9	79.9

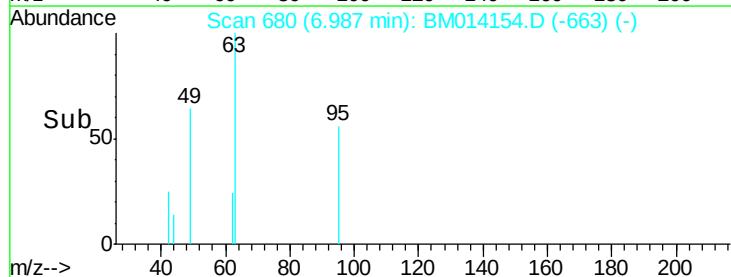
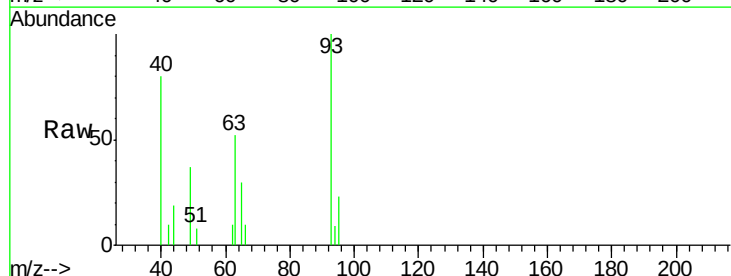
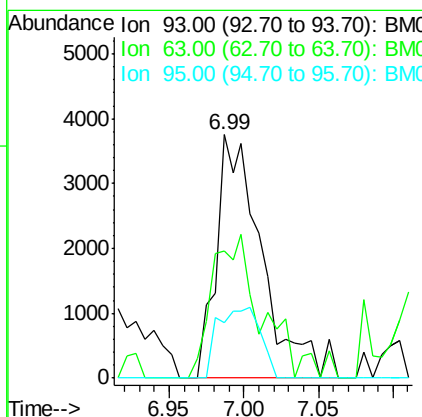
Manual Integrations
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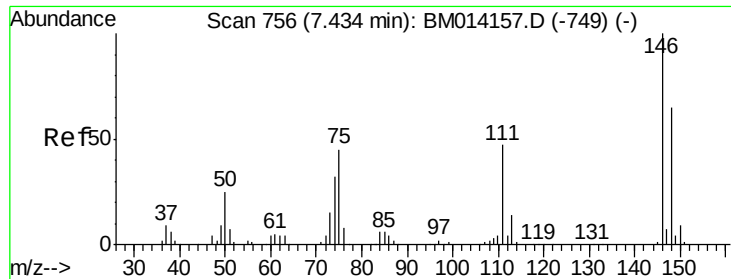
Sohil
2/8/2018 3:50:13 PM



#11
bis(2-Chloroethyl)ether
Concen: 2.040 ng
RT: 6.99 min Scan# 680
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
93	100		
63	52.0	49.5	89.5
95	22.8	13.5	53.5





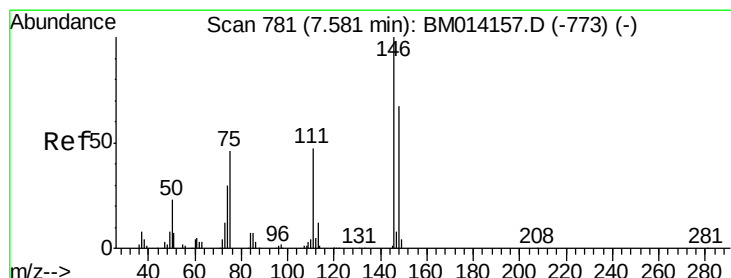
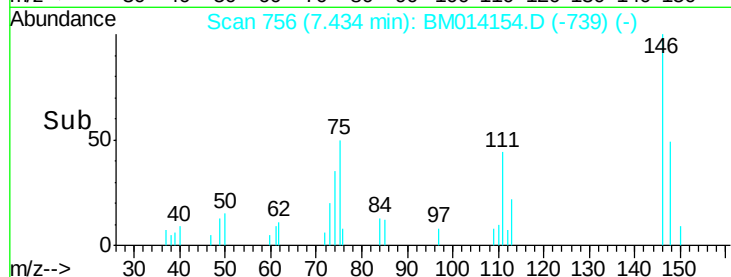
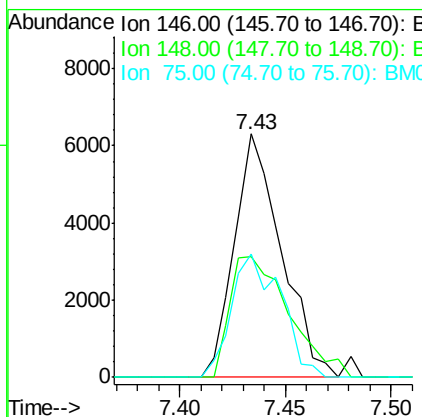
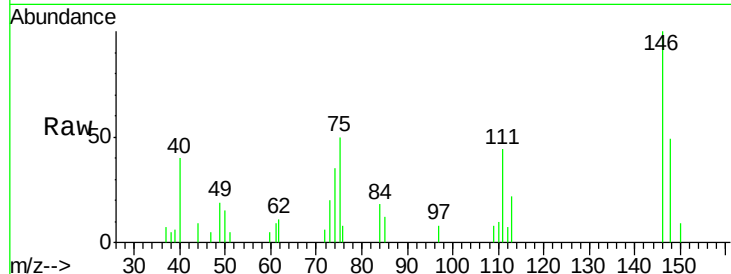
#12
 1,3-Dichlorobenzene
 Concen: 2.262 ng
 RT: 7.43 min Scan# 756
 Delta R.T. -0.00 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
146	100		
148	49.5	50.9	76.3#
75	50.4	21.4	32.2#

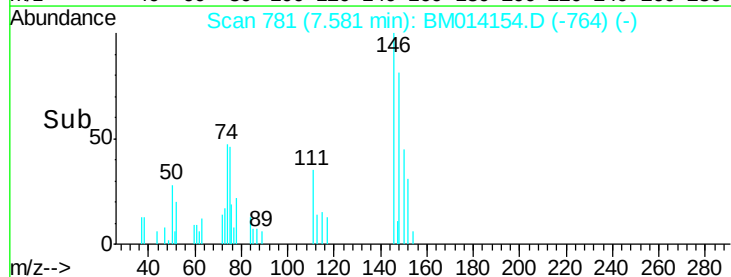
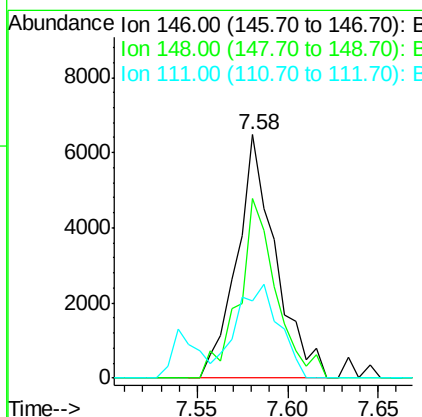
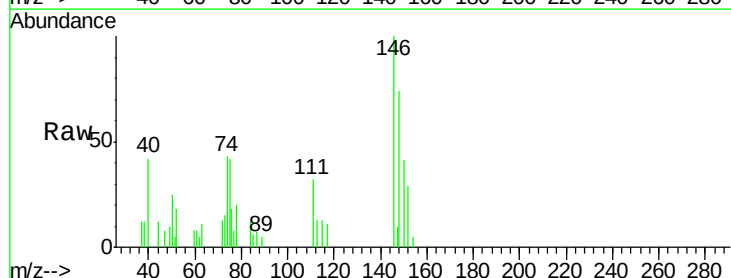
Manual Integrations
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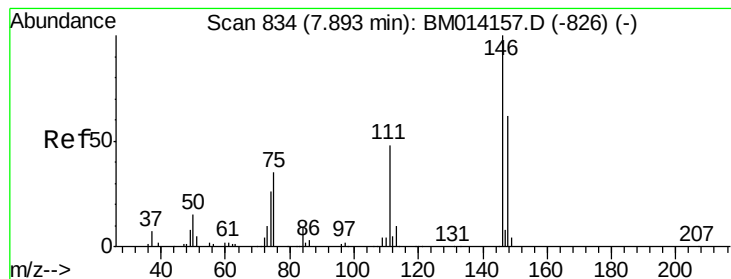
Sohil
 2/8/2018 3:50:13 PM



#13
 1,4-Dichlorobenzene
 Concen: 2.196 ng
 RT: 7.58 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	73.7	51.9	77.9
111	31.8	29.2	43.8





#14

1,2-Dichlorobenzene

Concen: 2.470 ng

RT: 7.90 min Scan# 835

Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

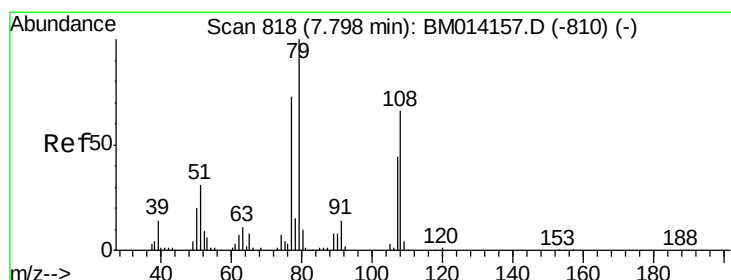
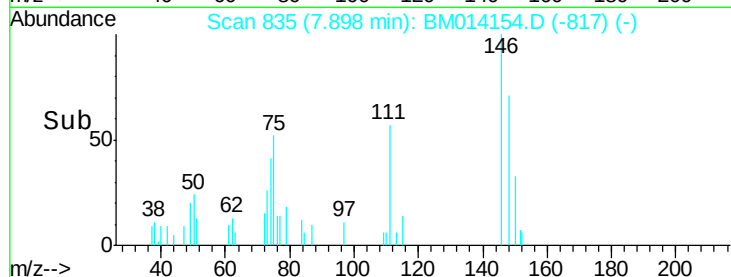
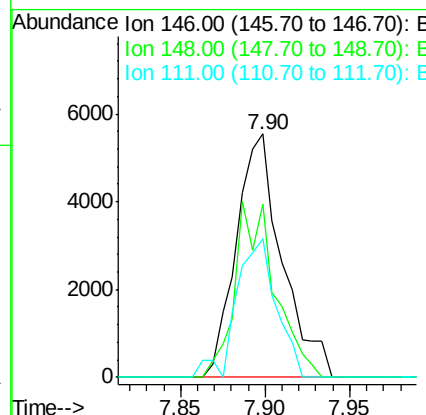
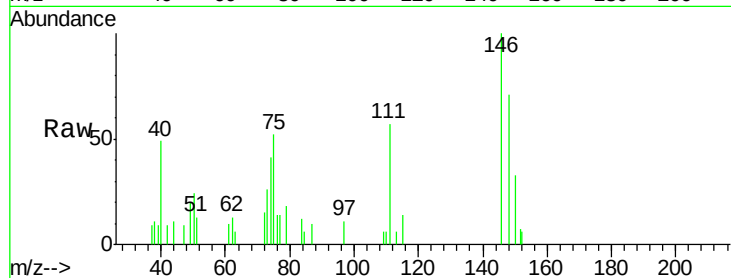
ClientSampled :

SSTDICC2.5

Tot Ion:	146	Resp:	10497
Ion Ratio	Lower	Upper	
146	100		
148	71.2	52.3	78.5
111	56.9	30.6	45.8#

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#15

Benzyl Alcohol

Concen: 2.327 ng

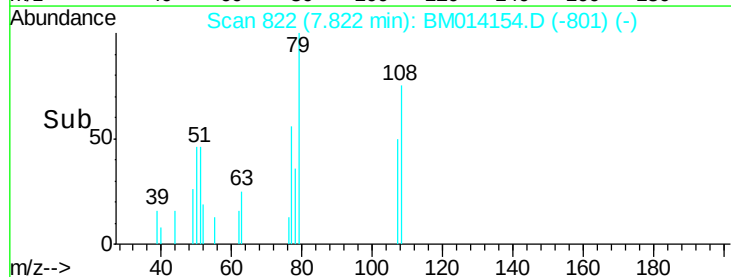
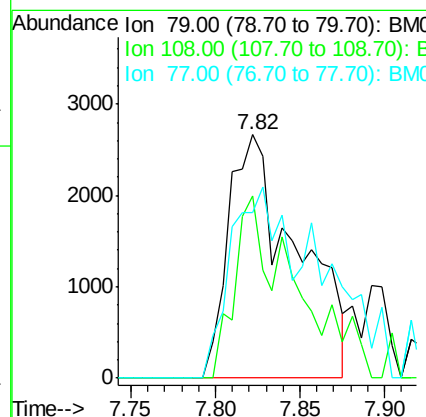
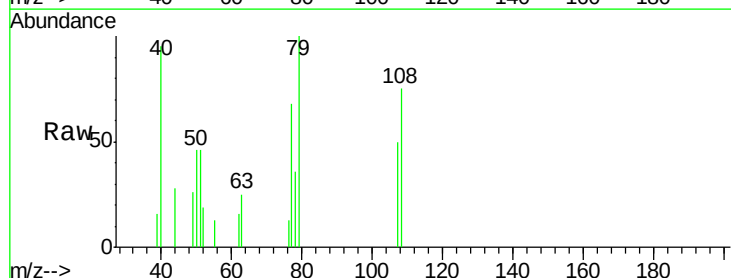
RT: 7.82 min Scan# 822

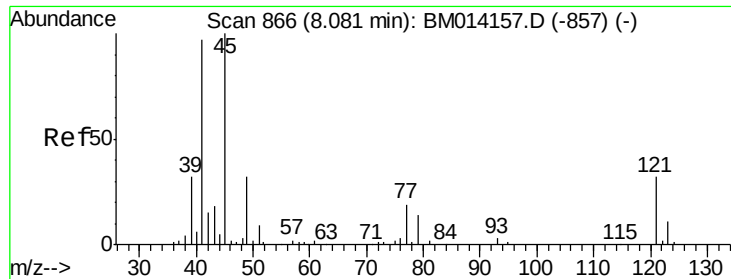
Delta R.T. 0.02 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion:	79	Resp:	7500
Ion Ratio	Lower	Upper	
79	100		
108	75.0	65.0	97.4
77	68.2	53.0	79.6





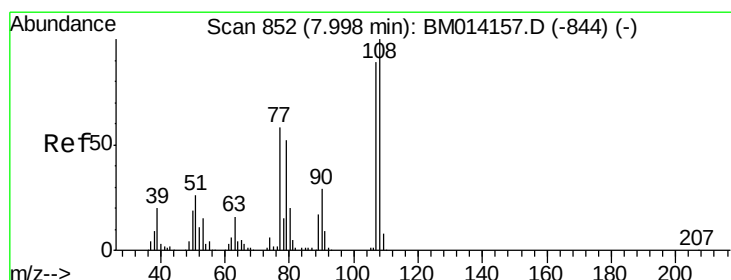
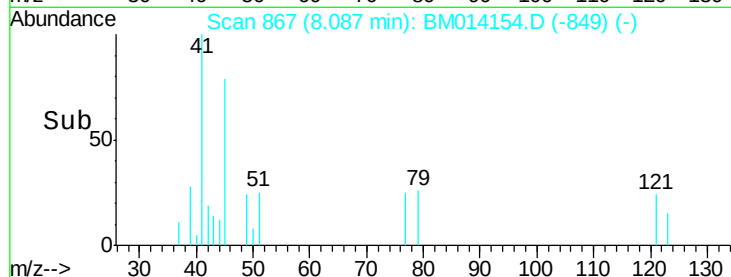
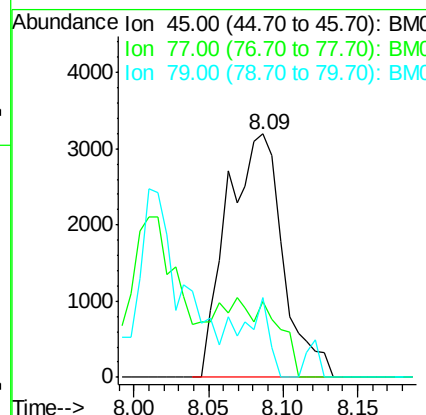
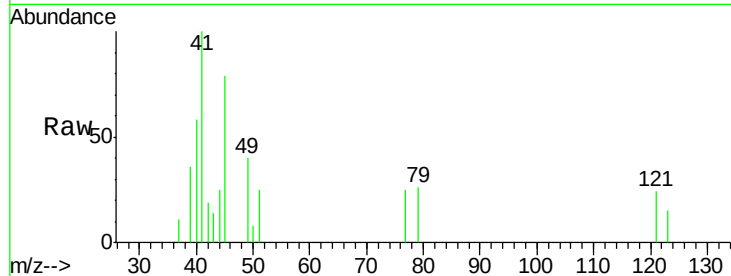
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 1.262 ng
RT: 8.09 min Scan# 867
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
45	100		
77	31.2	0.0	35.2
79	32.7	0.0	32.0#

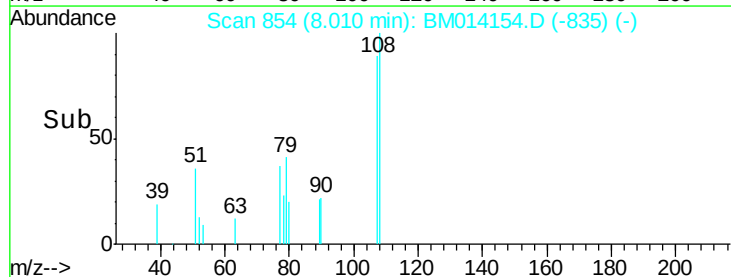
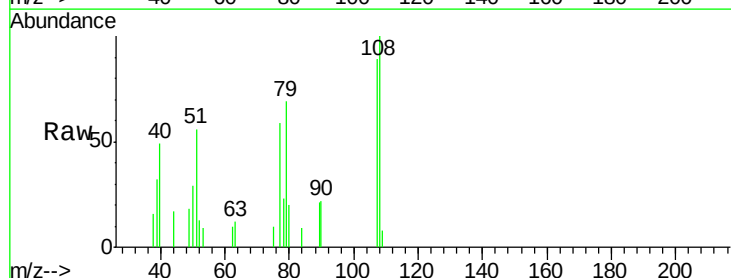
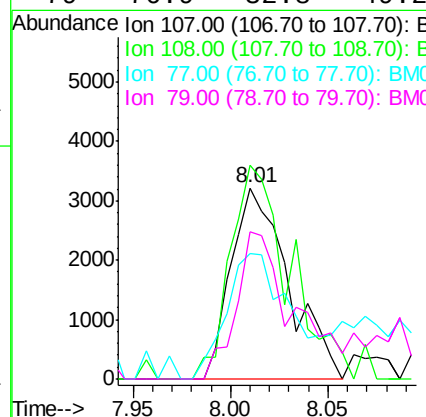
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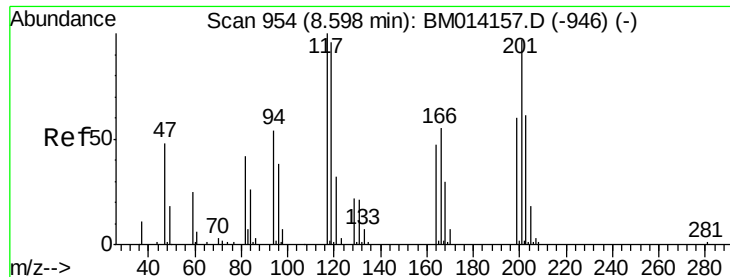
Sohil
2/8/2018 3:50:13 PM



#17
2-Methylphenol
Concen: 2.087 ng
RT: 8.01 min Scan# 854
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.7	89.8	134.8
77	65.4	32.6	48.8#
79	76.9	32.8	49.2#





#18

Hexachloroethane

Concen: 3.113 ng

RT: 8.60 min Scan# 954

Delta R.T. -0.00 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

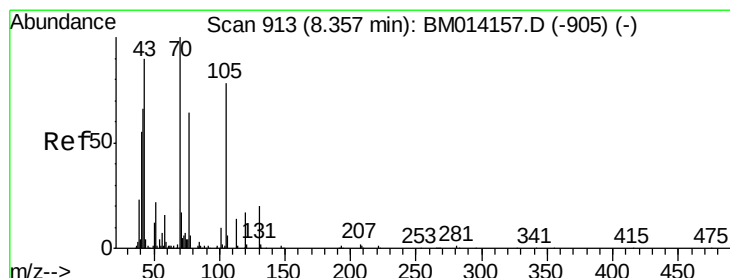
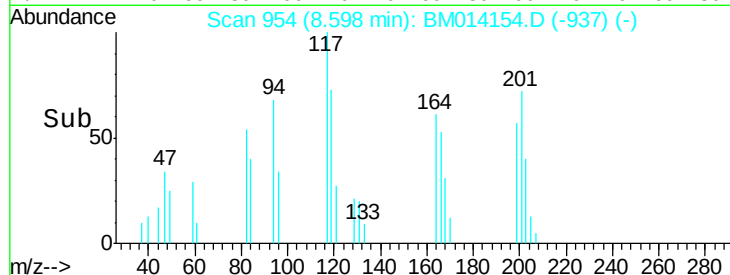
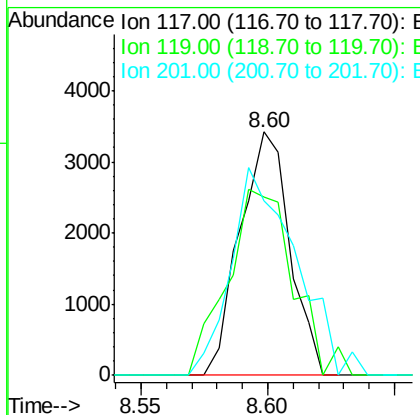
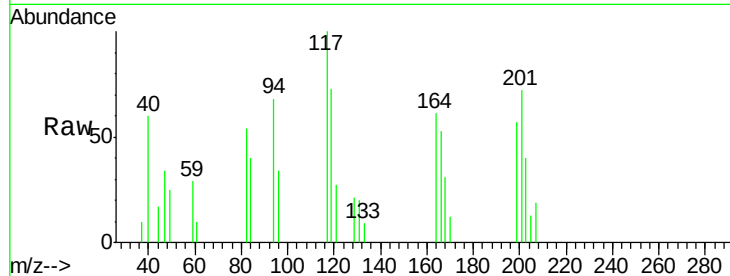
ClientSampled :

SSTDICC2.5

Tot Ion:117 Resp: 4678
 Ion Ratio Lower Upper
 117 100
 119 73.1 79.2 118.8#
 201 71.7 69.8 104.6

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#19

n-Nitroso-di-n-propylamine

Concen: 2.251 ng

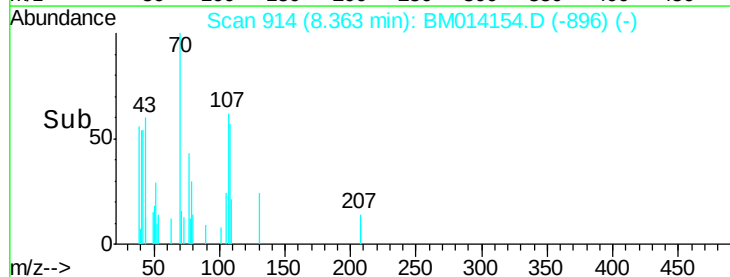
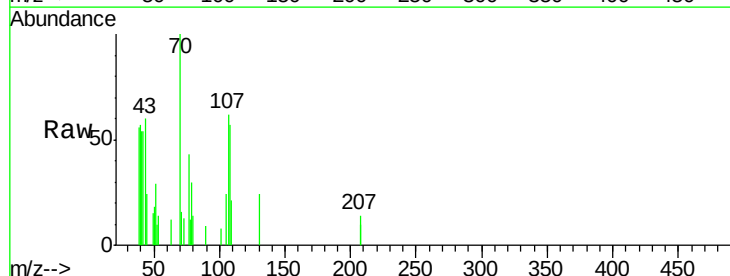
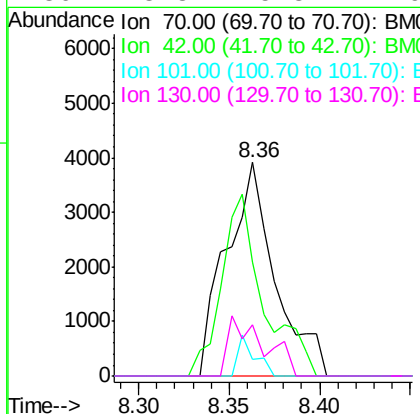
RT: 8.36 min Scan# 914

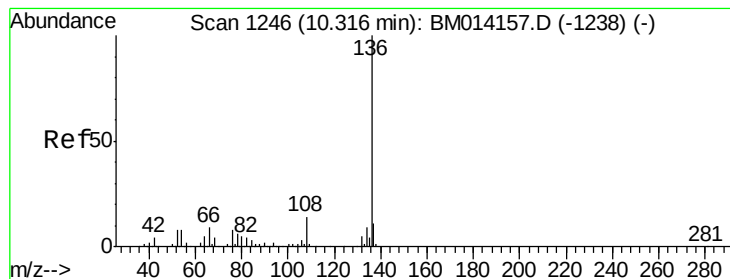
Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion: 70 Resp: 7369
 Ion Ratio Lower Upper
 70 100
 42 53.6 44.5 66.7
 101 7.9 7.4 11.2
 130 23.8 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

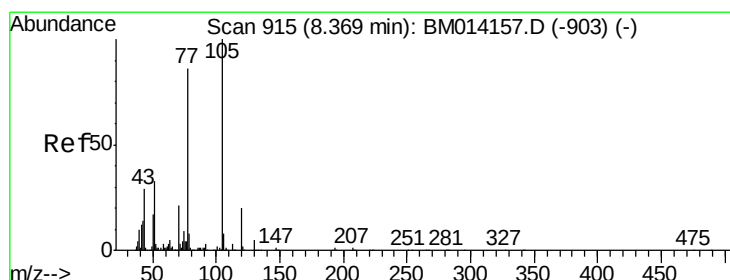
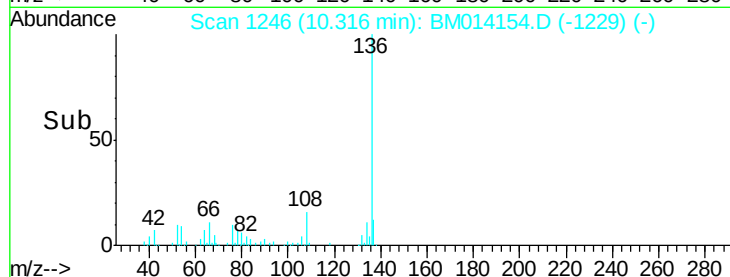
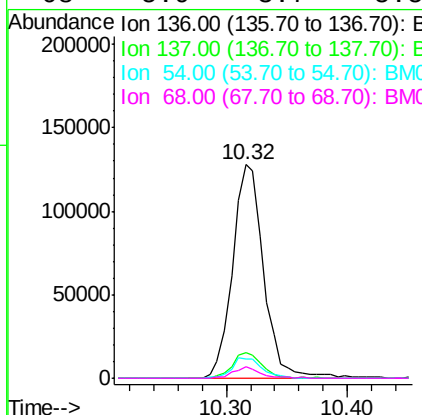
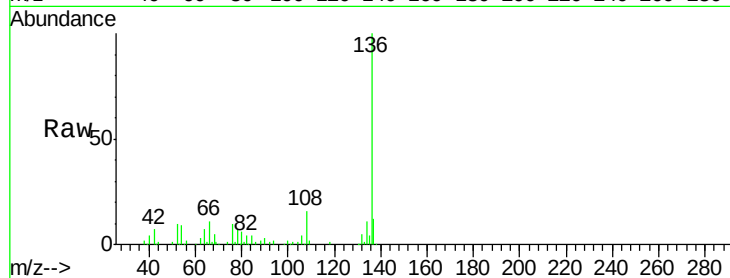
ClientSampleId :

SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
136	100	228752		
137	12.1	8.7	13.1	
54	9.1	4.6	6.8#	
68	5.9	3.7	5.5#	

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#22

Acetophenone

Concen: 2.692 ng

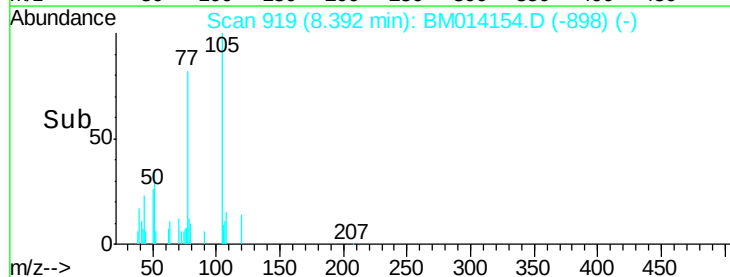
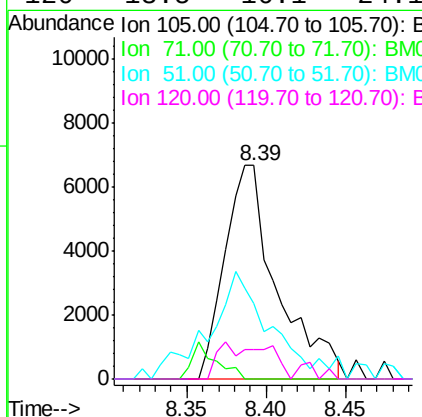
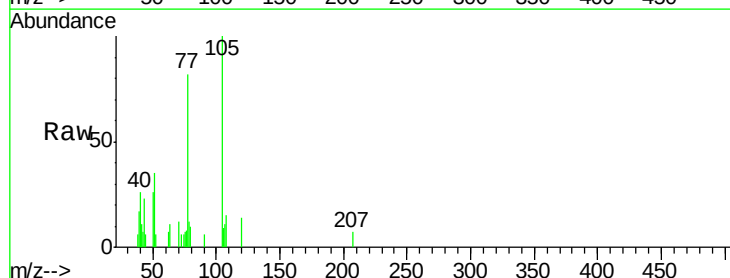
RT: 8.39 min Scan# 919

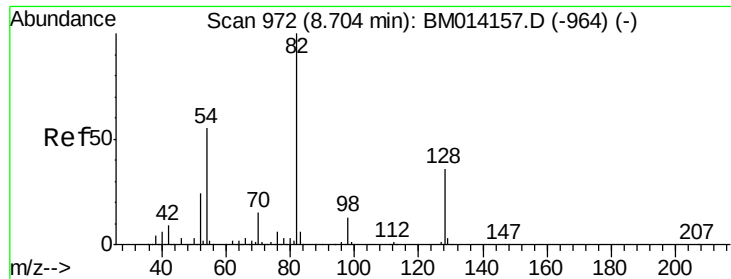
Delta R.T. 0.02 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	15299		
71	0.0	0.6	1.0#	
51	35.5	21.6	32.4#	
120	13.5	16.1	24.1#	





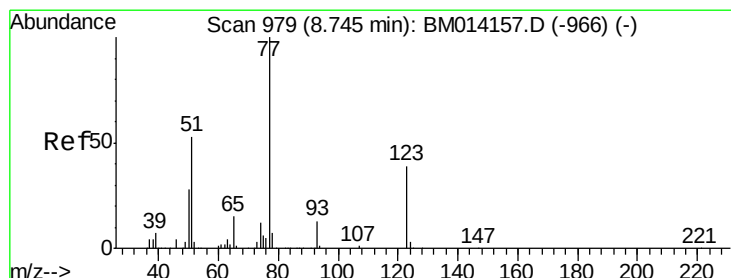
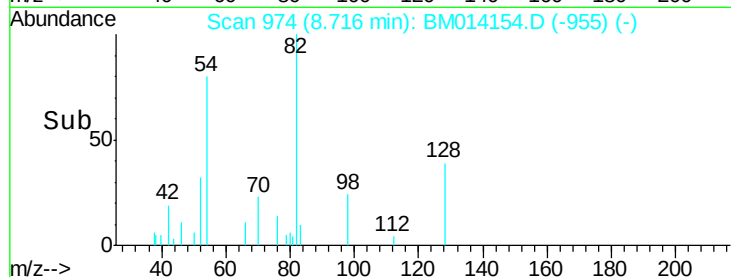
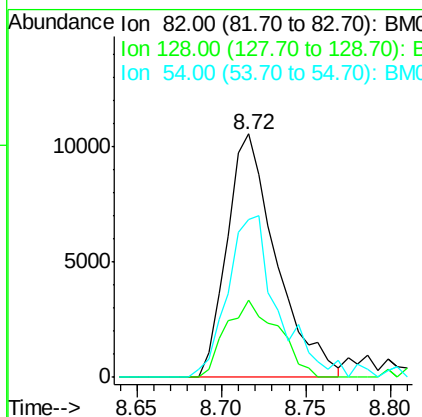
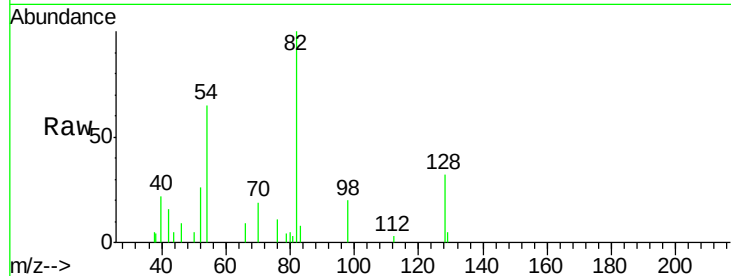
#23
Nitrobenzene-d5
Concen: 6.154 ng
RT: 8.72 min Scan# 974
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.5	32.8	49.2#
54	64.6	40.6	60.8#

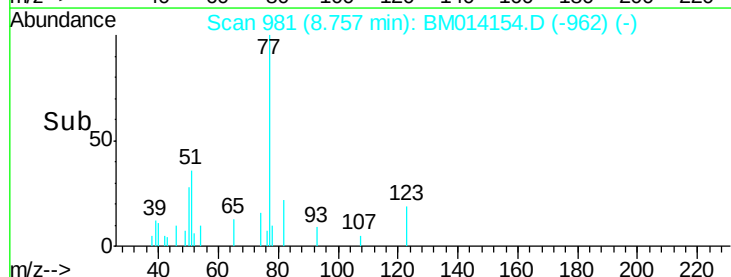
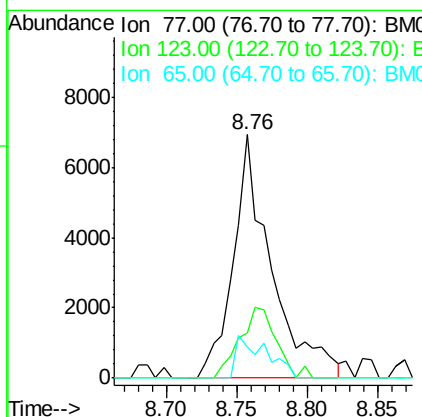
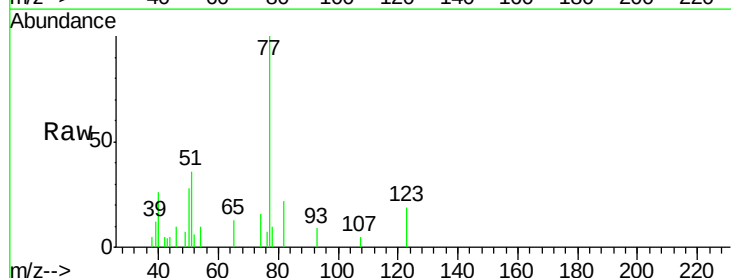
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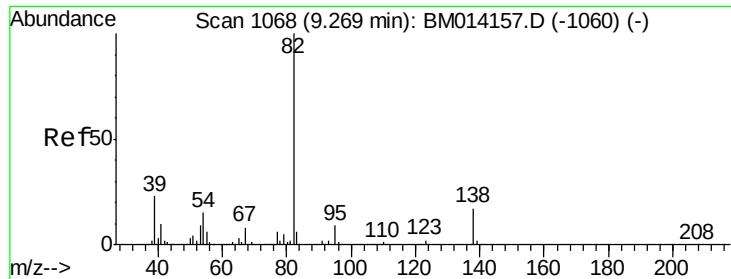
Sohil
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#24
Nitrobenzene
Concen: 3.421 ng
RT: 8.76 min Scan# 981
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	18.8	32.6	49.0#
65	12.6	10.9	16.3





#25

Isophorone

Concen: 2.599 ng

RT: 9.27 min Scan# 1069

Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

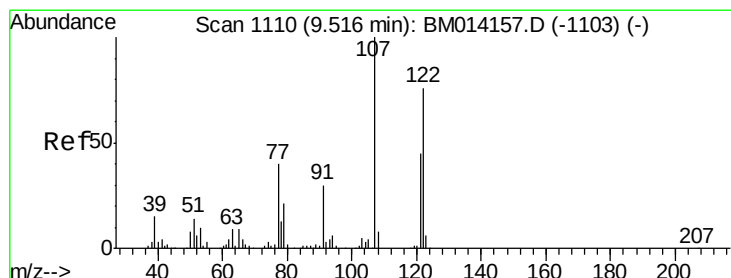
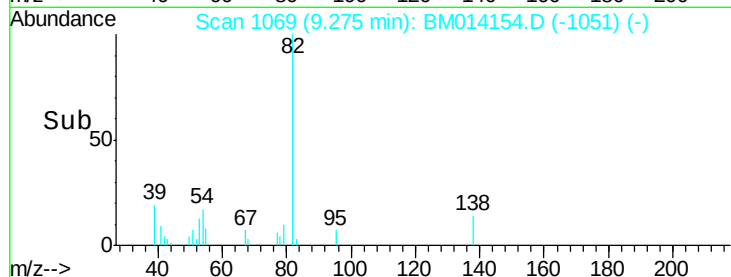
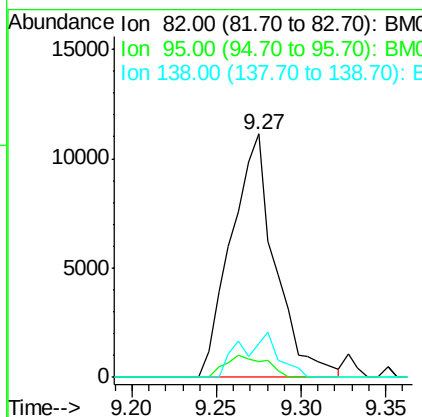
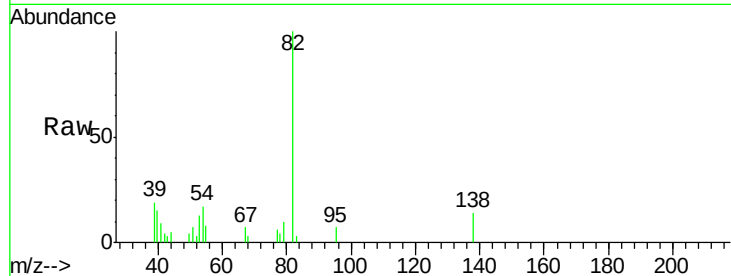
ClientSampleId :

SSTDICC2.5

Tot Ion	82	Resp	20212
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.8	8.6
138	13.6	16.3	24.5#

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#27

2,4-Dimethylphenol

Concen: 1.863 ng m

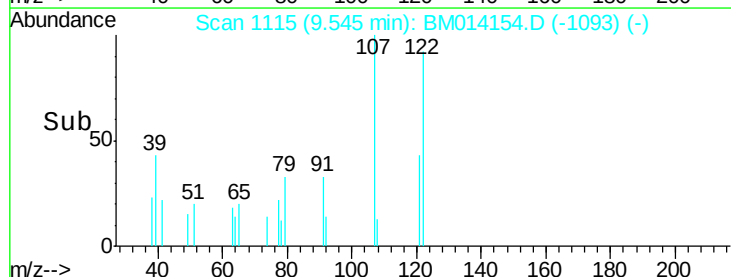
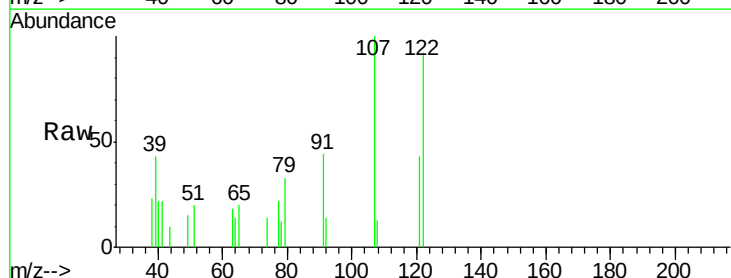
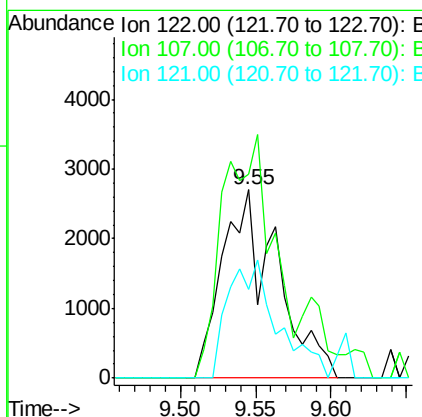
RT: 9.55 min Scan# 1115

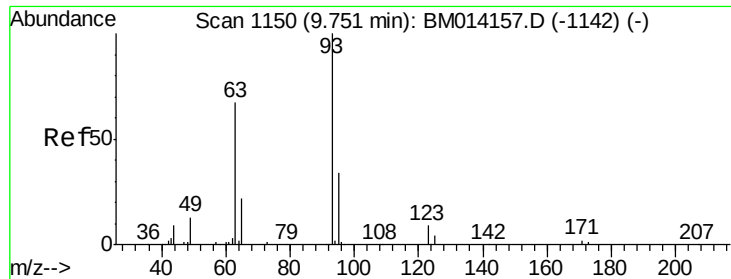
Delta R.T. 0.03 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion	122	Resp	6757
Ion Ratio	Lower	Upper	
122	100		
107	108.6	84.7	127.1
121	47.1	46.6	69.8





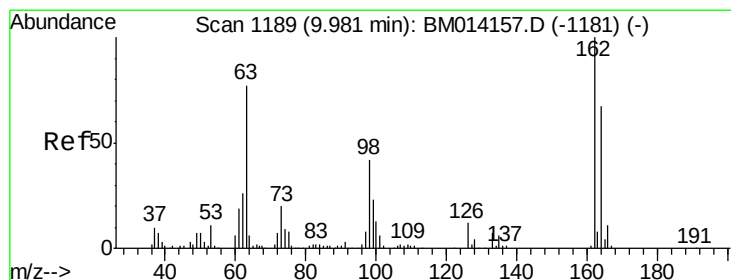
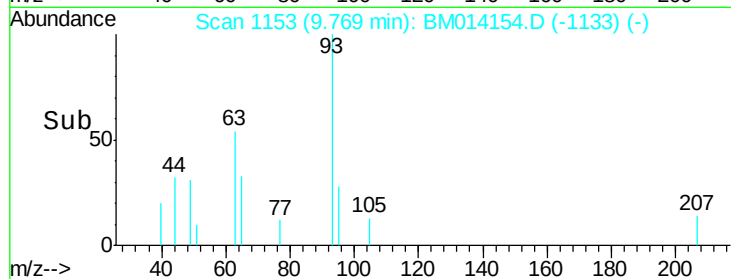
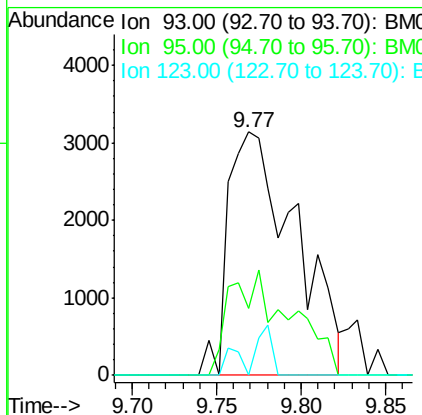
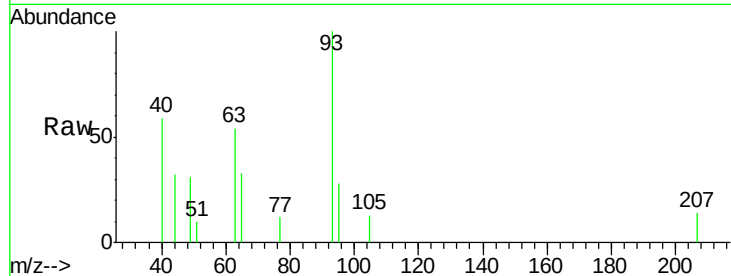
#28
bis(2-Chloroethoxy)methane
Concen: 1.637 ng
RT: 9.77 min Scan# 1153
Delta R.T. 0.02 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
93	100		
95	27.7	25.5	38.3
123	0.0	8.6	13.0

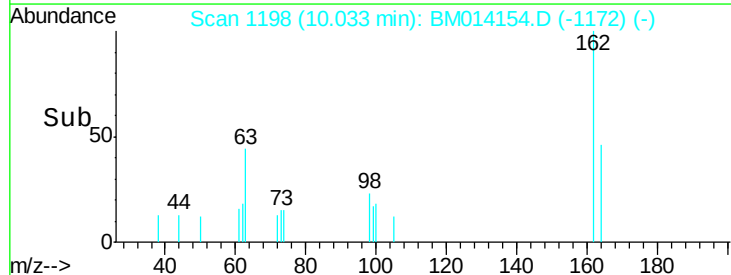
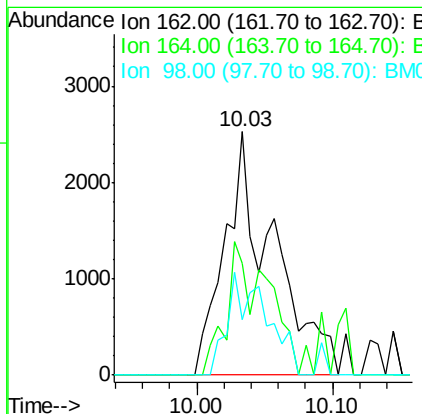
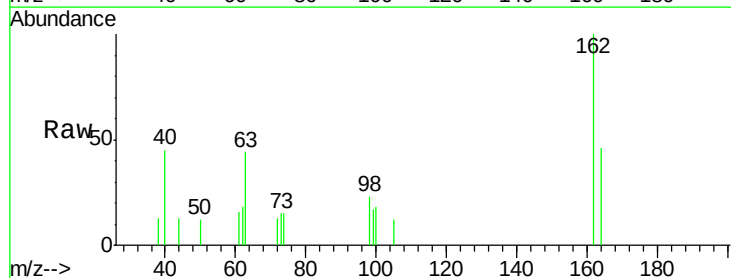
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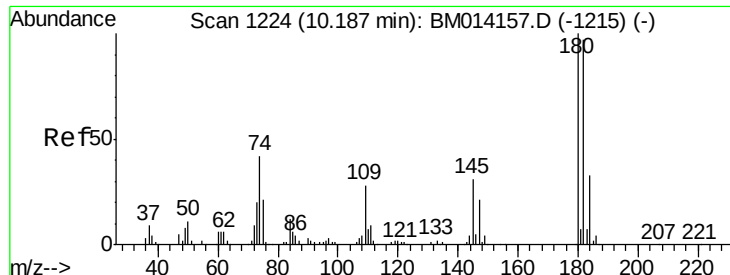
Sohil
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#29
2,4-Dichlorophenol
Concen: 1.859 ng m
RT: 10.03 min Scan# 1198
Delta R.T. 0.05 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
162	100		
164	45.7	42.8	82.8
98	23.0	14.5	54.5





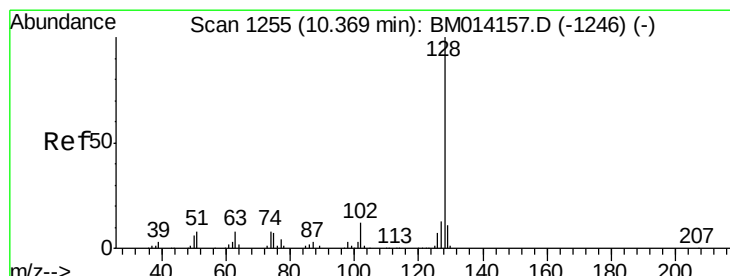
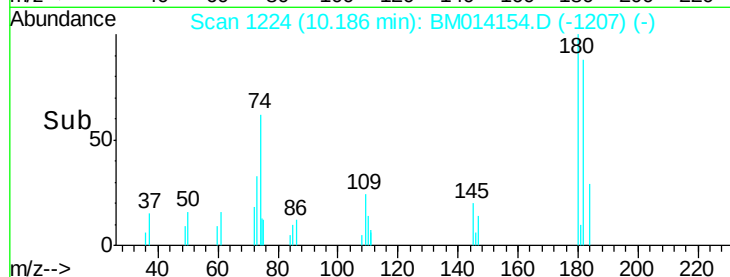
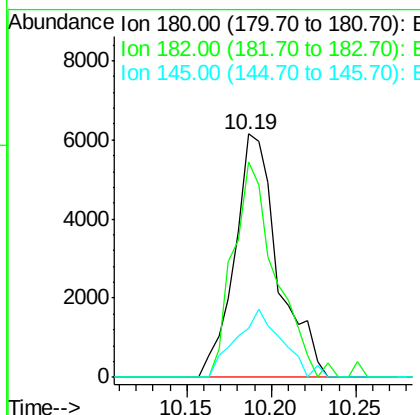
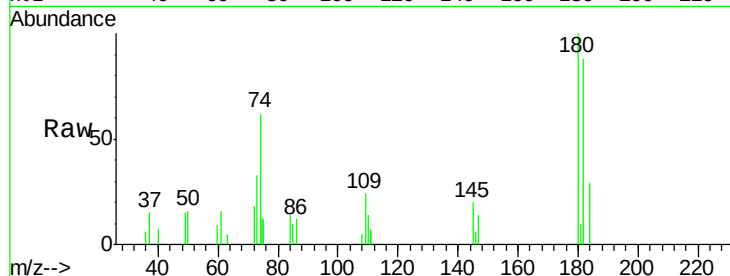
#30
 1,2,4-Trichlorobenzene
 Concen: 2.955 ng
 RT: 10.19 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDIC2.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	88.3	77.6	116.4
145	20.2	23.4	35.2#

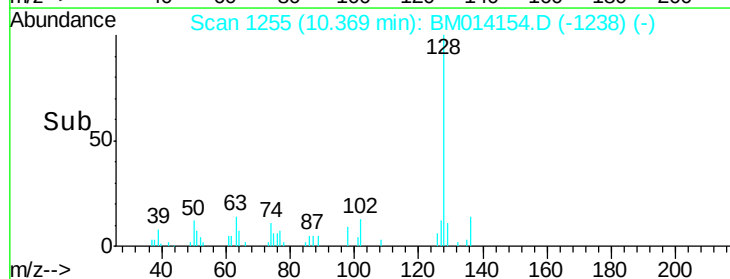
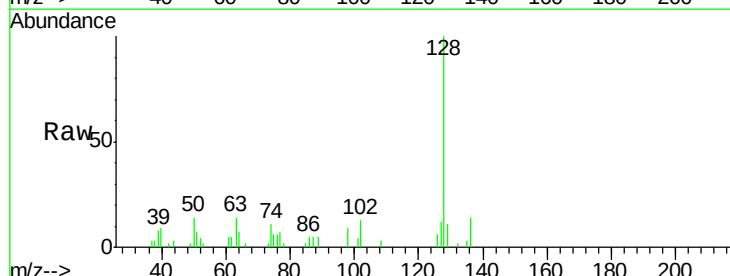
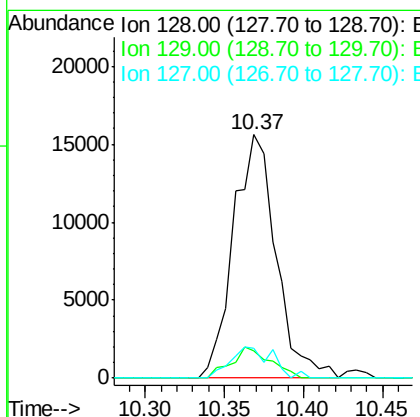
Manual Integrations
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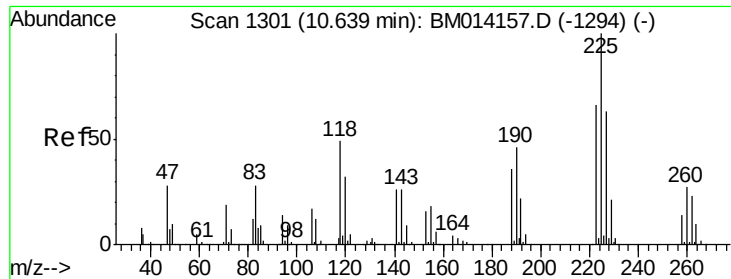
Sohil
 2/8/2018 3:50:13 PM



#31
 Naphthalene
 Concen: 2.356 ng
 RT: 10.37 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	12.2	10.4	15.6





#34

Hexachlorobutadiene

Concen: 3.990 ng

RT: 10.65 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

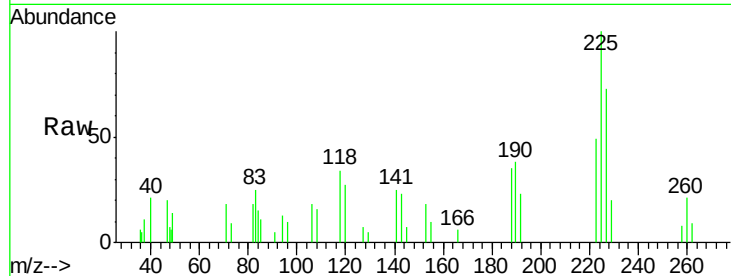
ClientSampleId :

SSTDICC2.5

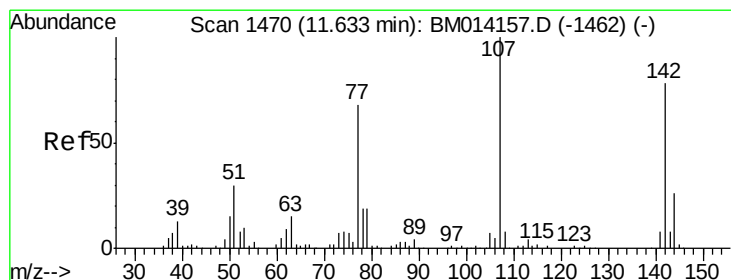
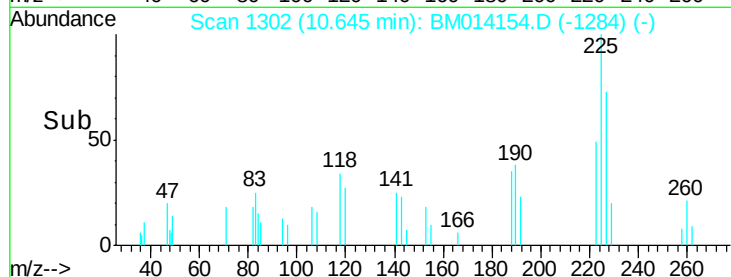
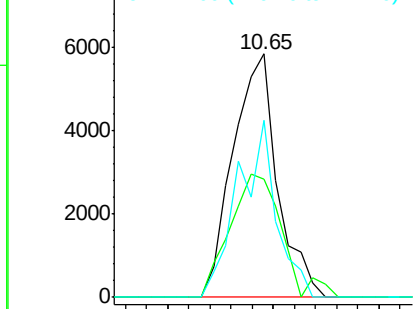
Tot Ion:	225	Resp:	8540
Ion Ratio	Lower	Upper	
225	100		
223	48.7	47.9	71.9
227	72.8	50.1	75.1

Manual Integrations
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Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#36

4-Chloro-3-methylphenol

Concen: 1.936 ng

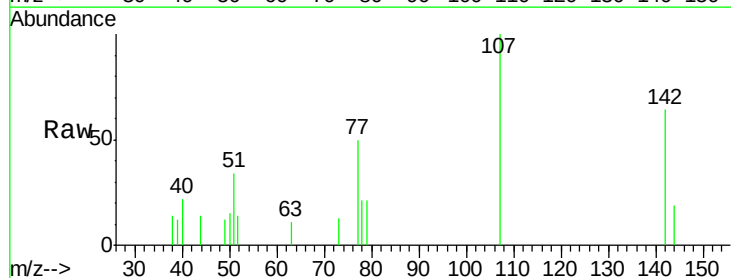
RT: 11.66 min Scan# 1475

Delta R.T. 0.03 min

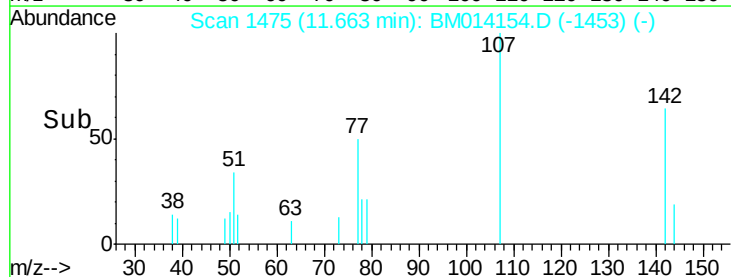
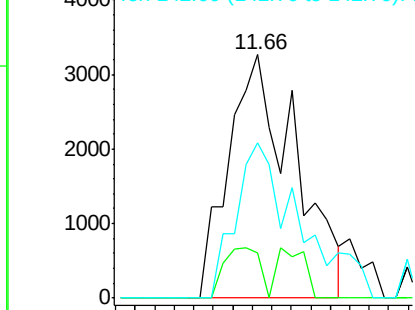
Lab File: BM014154.D

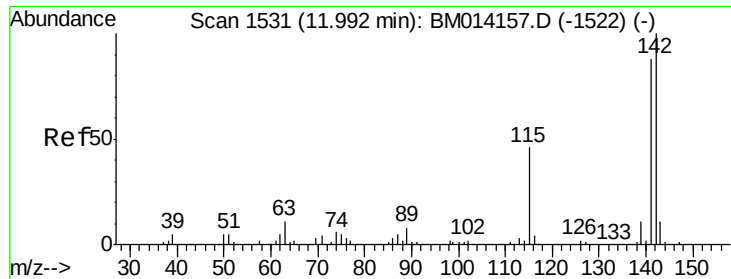
Acq: 07 Feb 2018 10:21

Tgt Ion:	107	Resp:	7715
Ion Ratio	Lower	Upper	
107	100		
144	18.8	23.3	34.9#
142	63.8	72.6	109.0#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





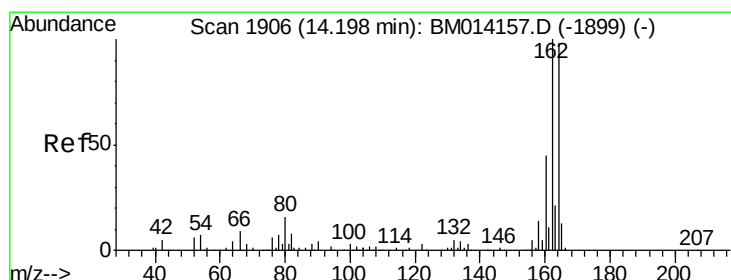
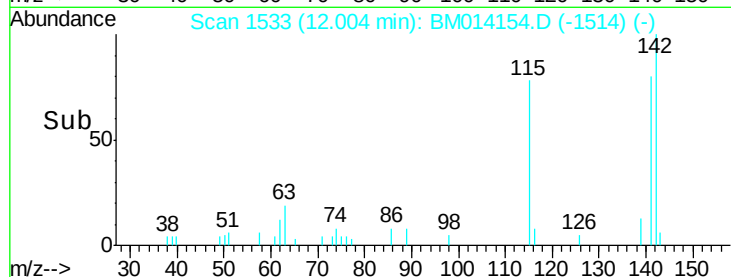
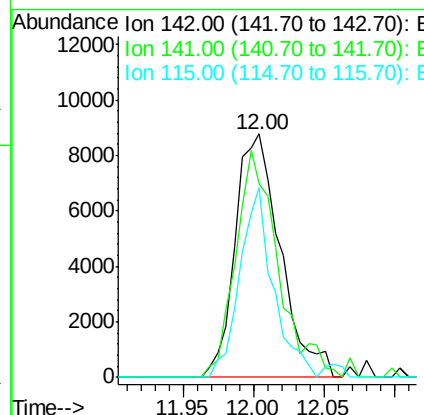
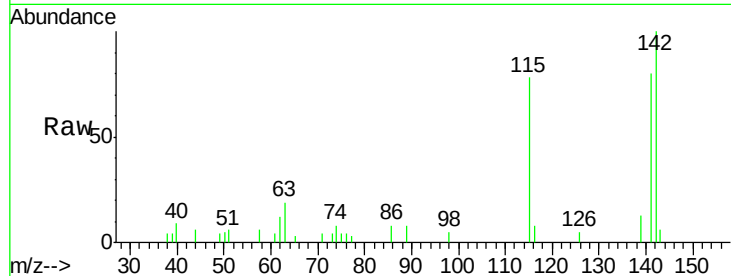
#37
2-Methylnaphthalene
Concen: 2.281 ng
RT: 12.00 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		19609		
141	79.8	71.9	107.9		
115	78.1	25.4	38.0#		

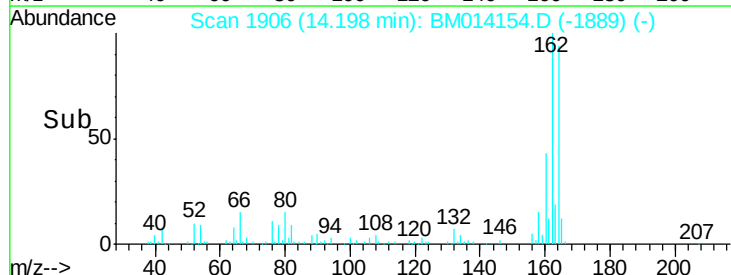
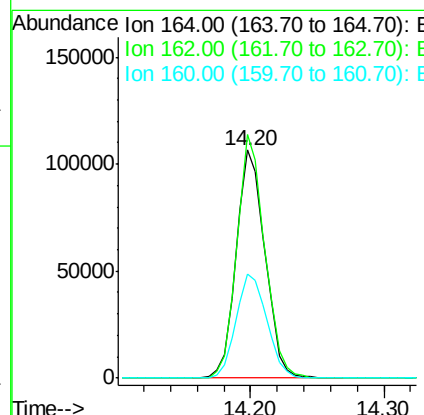
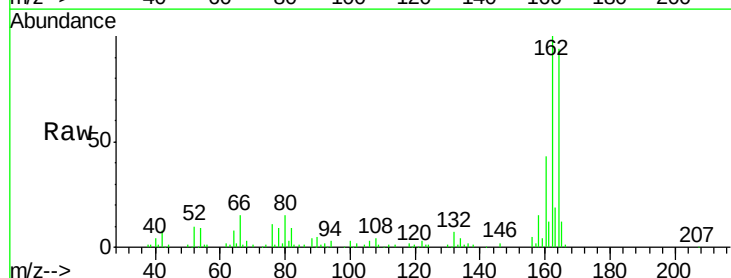
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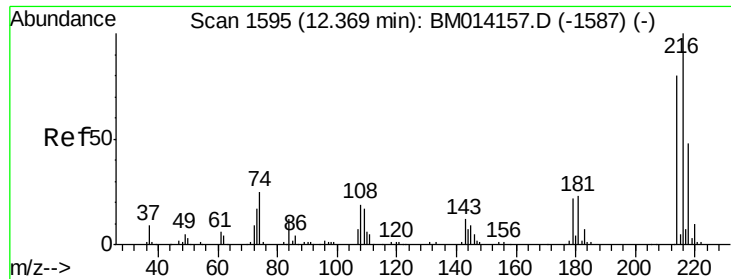
Sohil
2/8/2018 3:50:13 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		159752		
162	106.9	82.4	123.6		
160	45.6	35.8	53.6		





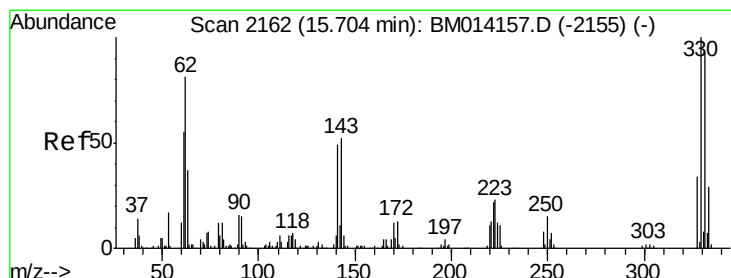
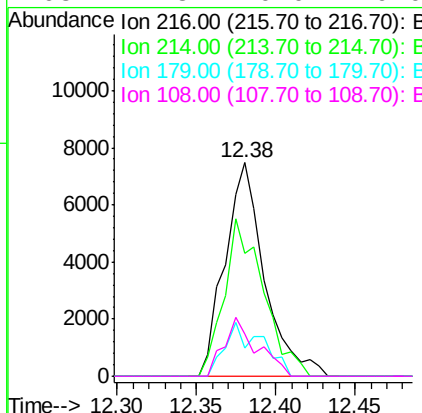
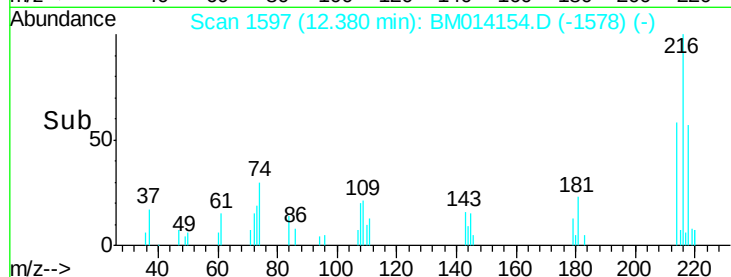
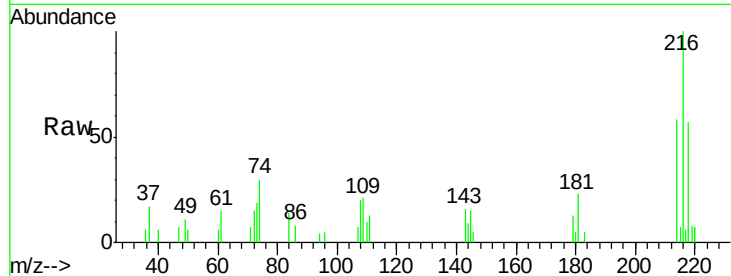
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.702 ng
 RT: 12.38 min Scan# 1597
 Delta R.T. 0.01 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
216	100	12990		
214	72.9	0.0	0.0	0.0#
179	23.4	0.0	0.0	0.0#
108	22.8	0.0	0.0	0.0#

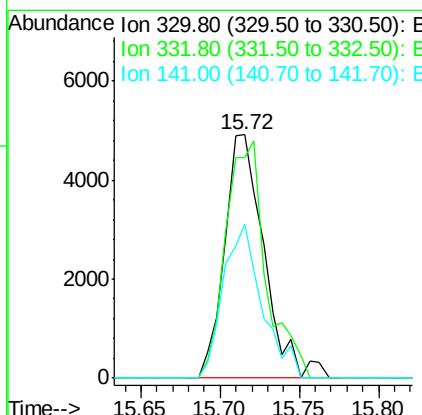
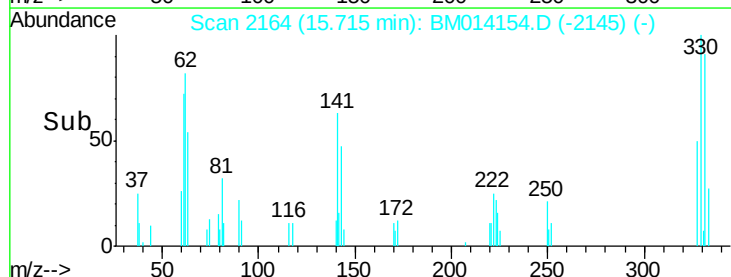
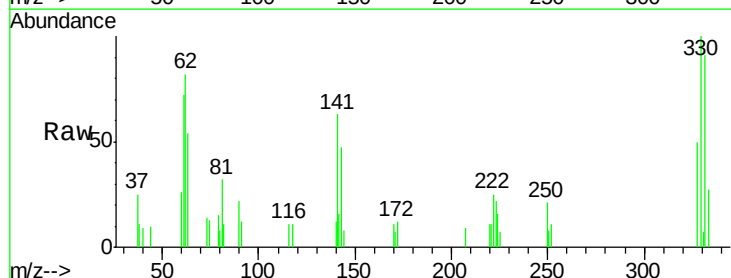
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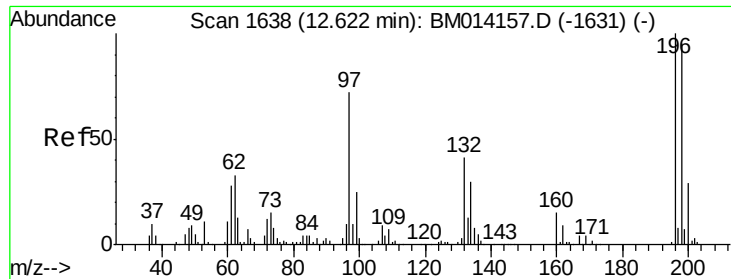
Sohil
 2/8/2018 3:50:13 PM



#41
 2,4,6-Tribromophenol
 Concen: 4.604 ng
 RT: 15.72 min Scan# 2164
 Delta R.T. 0.01 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	8509		
332	98.6	0.0	0.0	0.0#
141	61.9	0.0	0.0	0.0#





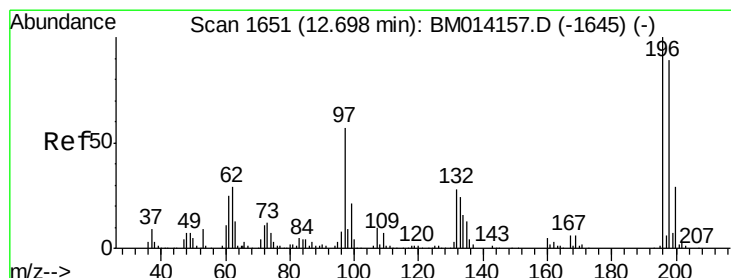
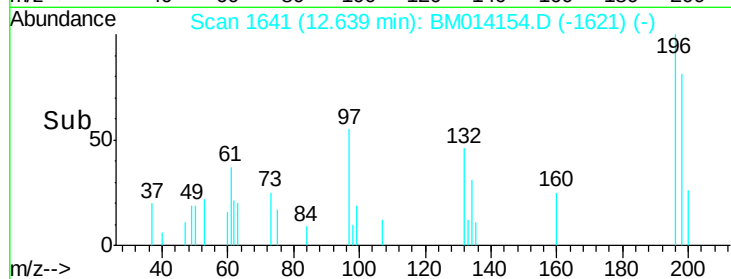
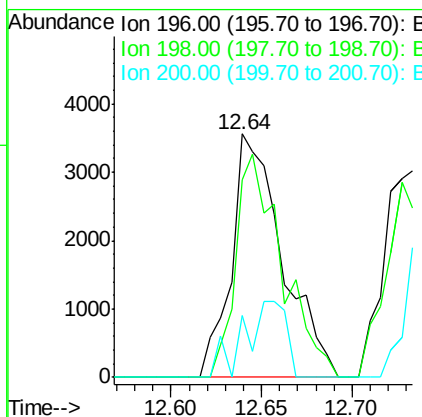
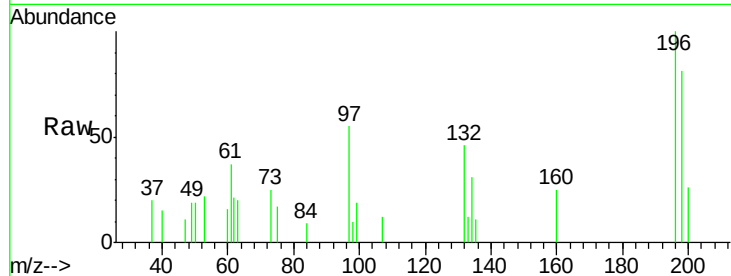
#42
 2,4,6-Trichlorophenol
 Concen: 2.202 ng
 RT: 12.64 min Scan# 1641
 Delta R.T. 0.02 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Instrument :
 BNA_M
 ClientSampled :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
196	100		
198	81.4	76.3	114.5
200	25.7	25.6	38.4

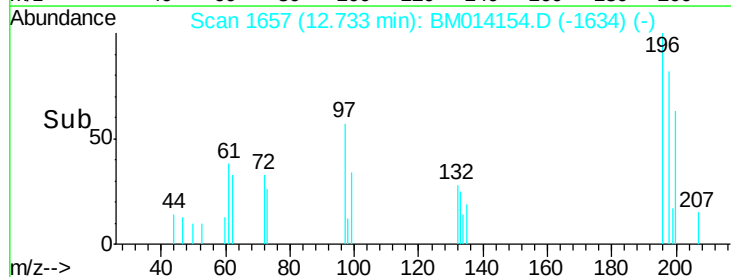
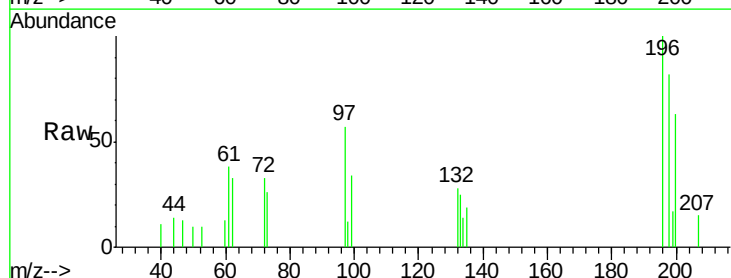
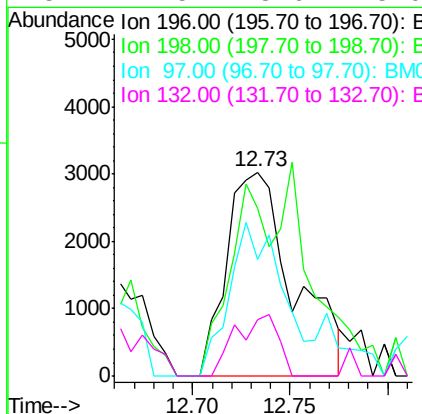
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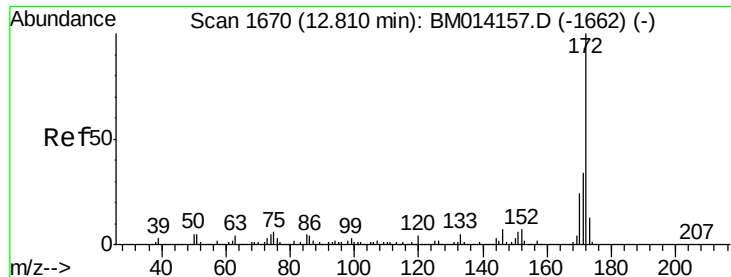
Sohil
 2/8/2018 3:50:13 PM



#43
 2,4,5-Trichlorophenol
 Concen: 2.234 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. 0.04 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	82.1	79.4	119.0
97	57.1	26.8	40.2
132	27.5	18.6	28.0





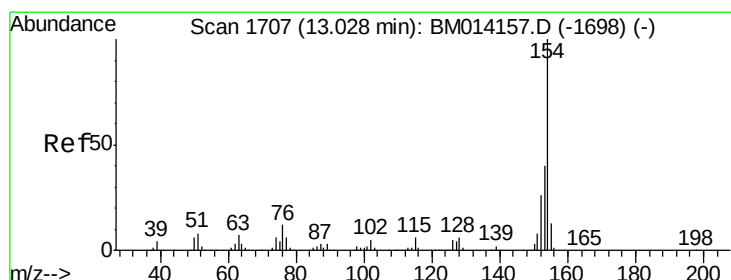
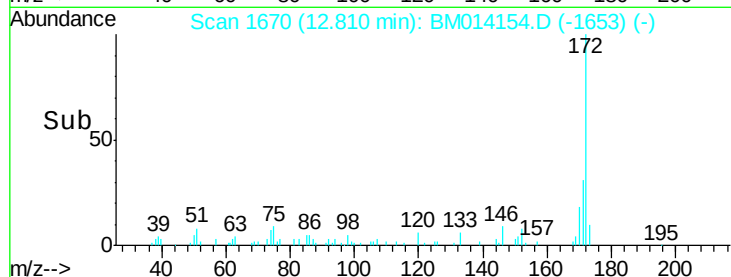
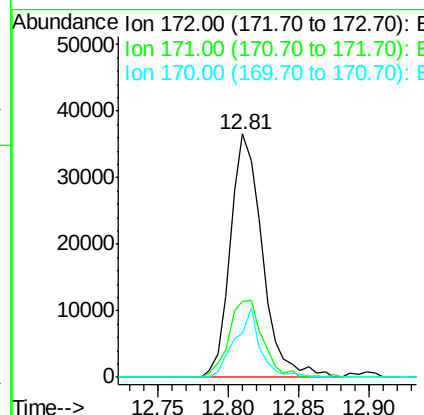
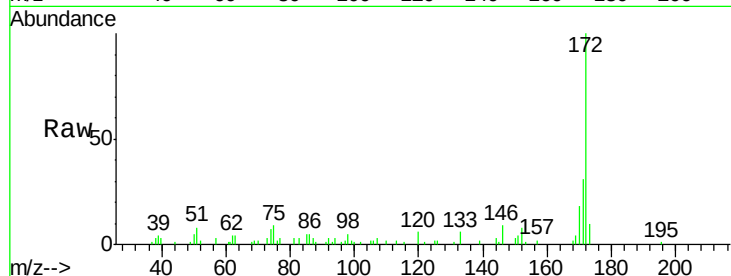
#44
2-Fluorobiphenyl
Concen: 5.183 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
172	100		
171	31.3	28.5	42.7
170	18.2	18.8	28.2

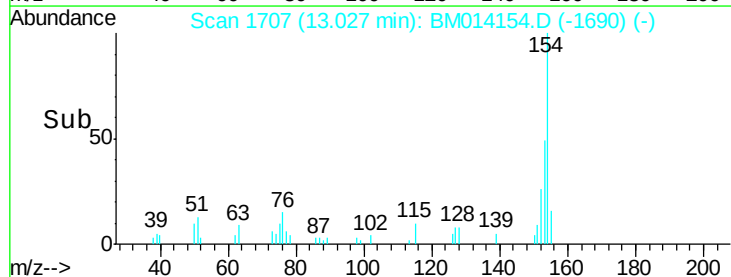
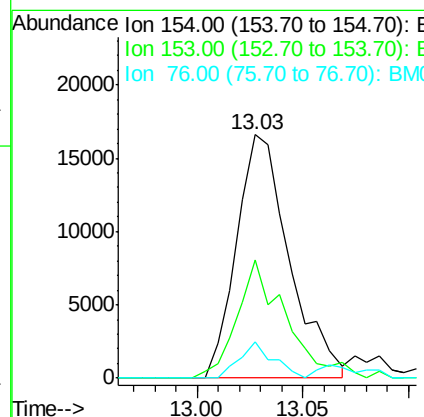
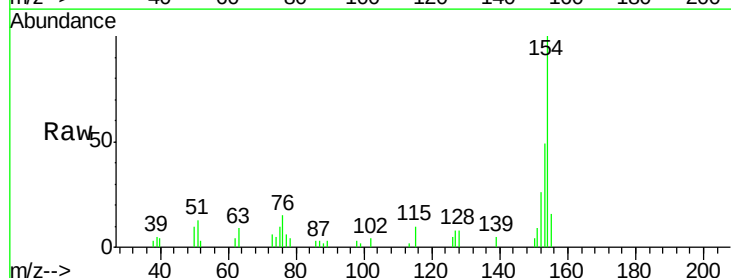
Manual Integrations
APPROVED

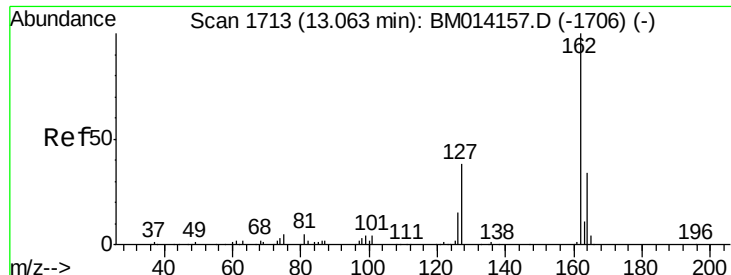
Sohil
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#45
1,1'-Biphenyl
Concen: 2.031 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	48.6	20.7	60.7
76	14.9	0.0	30.9





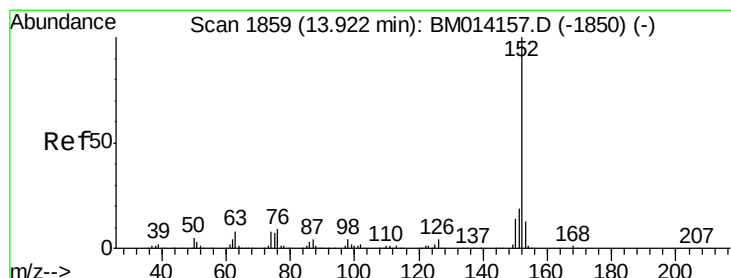
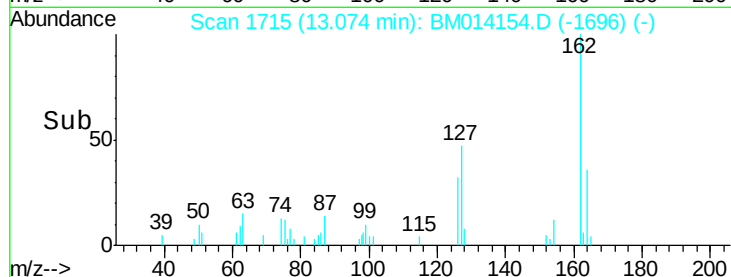
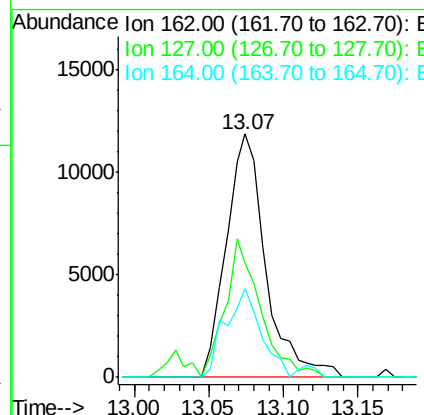
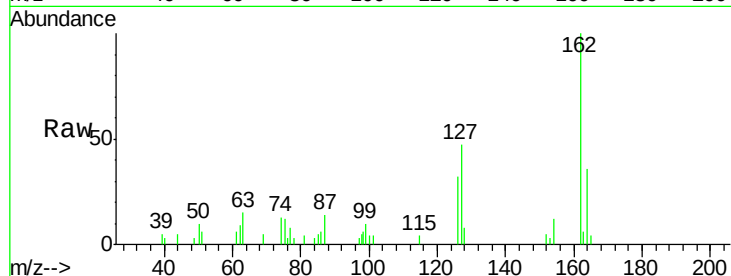
#46
2-Chloronaphthalene
Concen: 2.083 ng
RT: 13.07 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
162	100		
127	46.8	26.9	40.3#
164	36.3	26.8	40.2

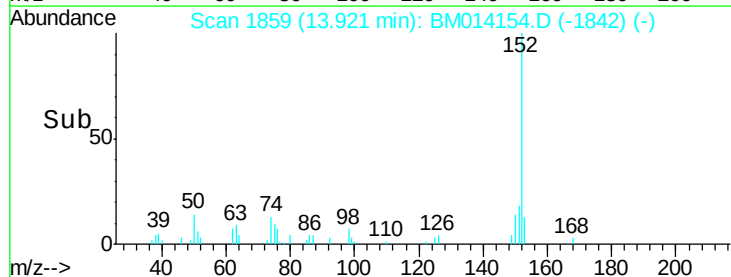
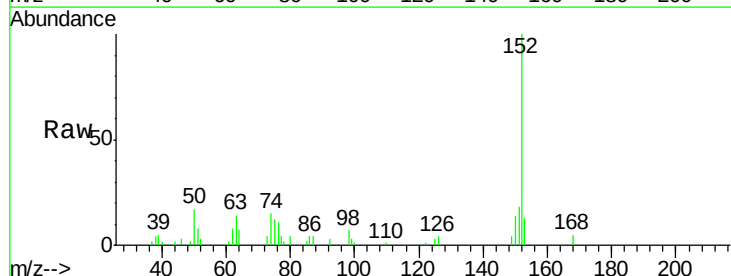
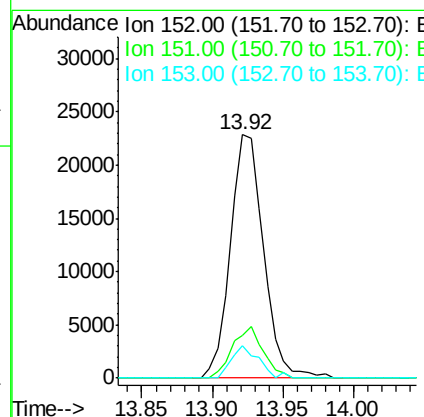
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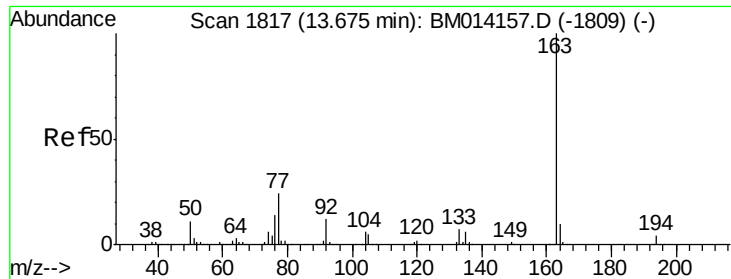
Sohil
2/8/2018 3:50:13 PM



#48
Acenaphthylene
Concen: 2.279 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
152	100		
151	17.7	15.9	23.9
153	13.3	10.6	16.0





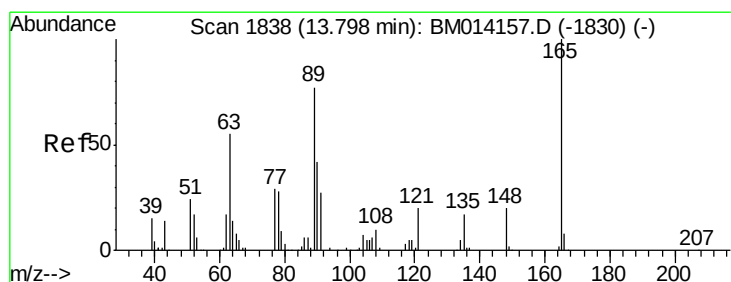
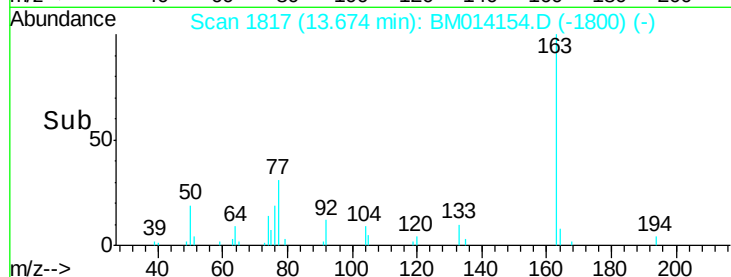
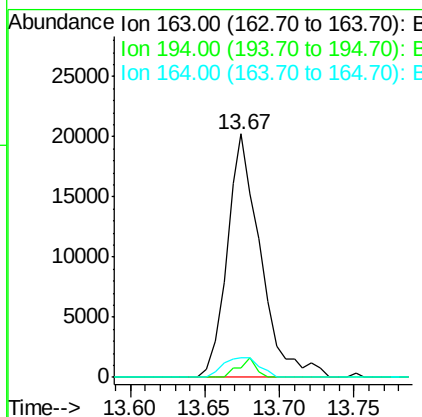
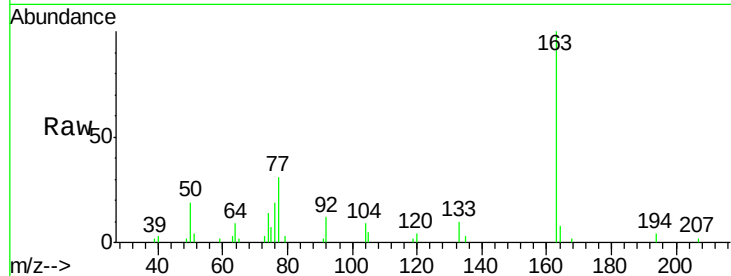
#49
Dimethylphthalate
Concen: 2.484 ng
RT: 13.67 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	31537		
194	3.9	2.7	4.1	
164	8.0	8.2	12.2#	

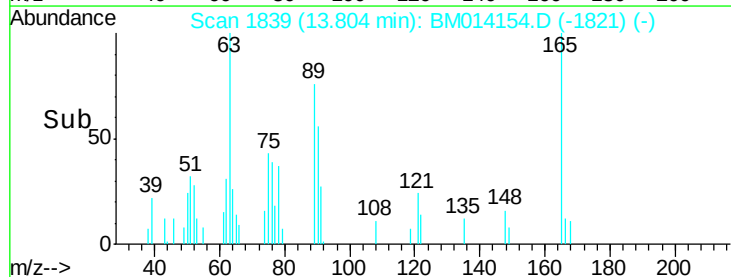
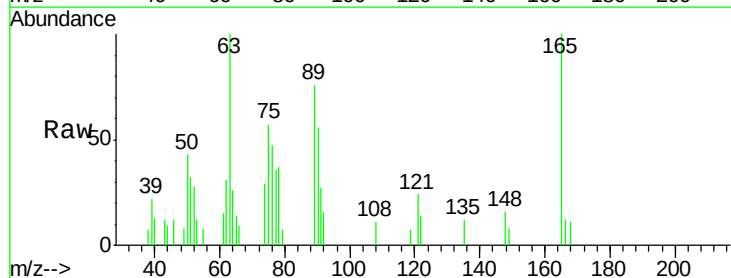
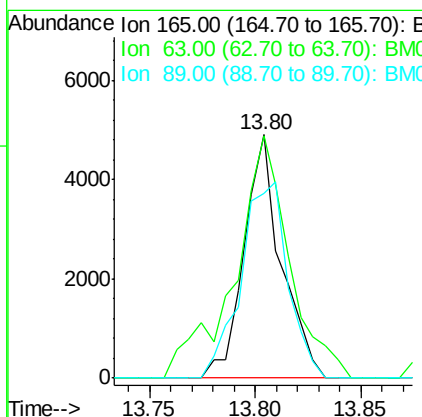
Manual Integrations
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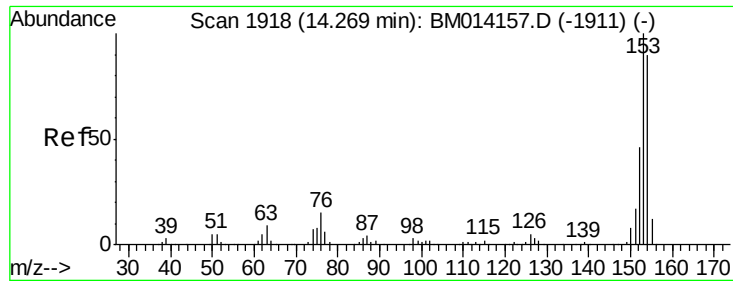
Sohil
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#50
2,6-Dinitrotoluene
Concen: 2.502 ng
RT: 13.80 min Scan# 1839
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	6013		
63	99.8	44.1	66.1#	
89	76.1	44.3	66.5#	





#51

Acenaphthene

Concen: 2.278 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

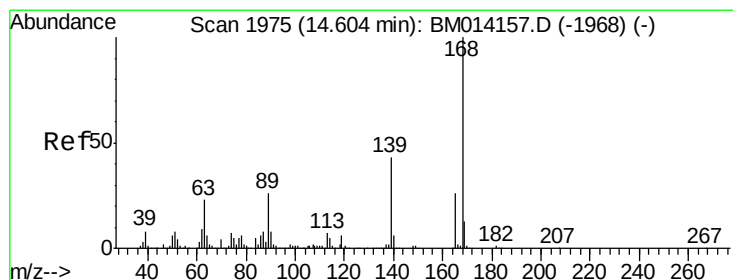
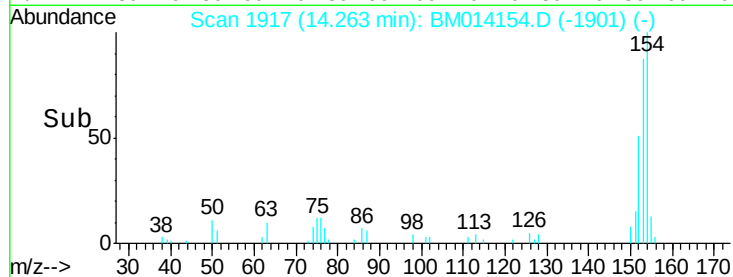
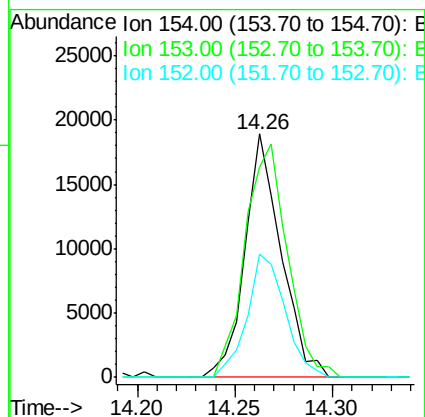
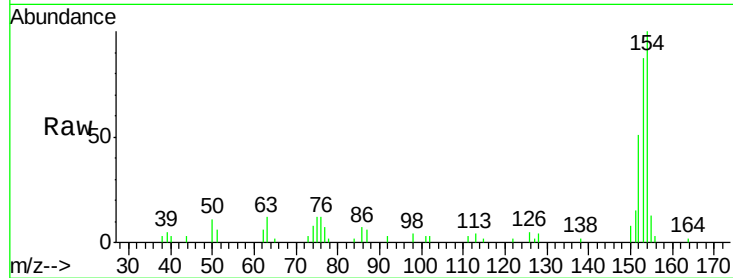
ClientSampleId :

SSTDICC2.5

Tot Ion:	154	Resp:	24282
Ion Ratio	Lower	Upper	
154	100		
153	86.6	90.0	135.0#
152	50.7	42.6	63.8

Manual Integrations
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2/8/2018 3:50:13 PM



#54

Dibenzofuran

Concen: 2.372 ng

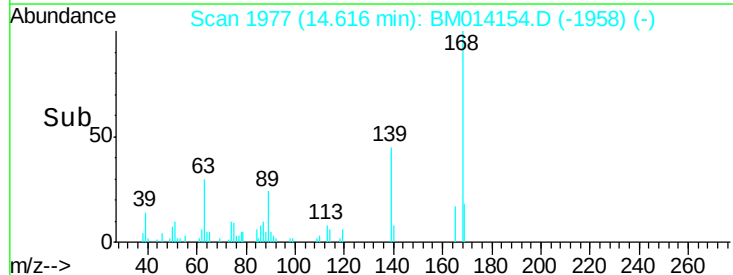
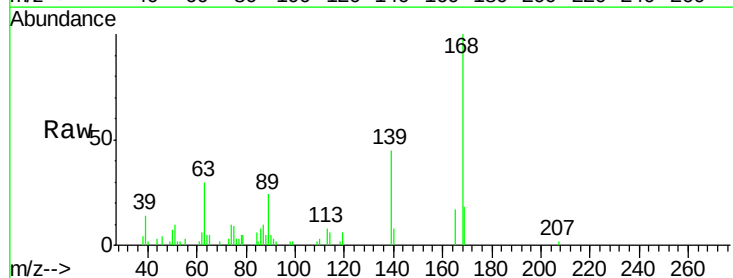
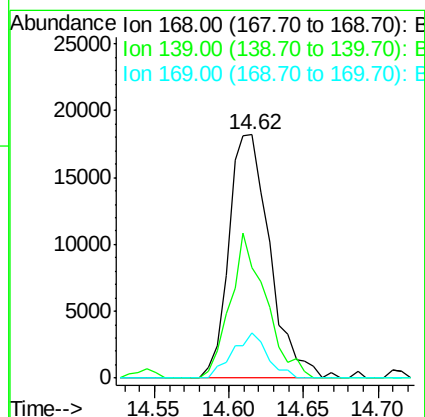
RT: 14.62 min Scan# 1977

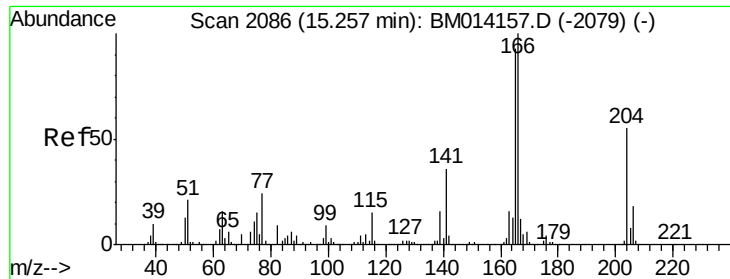
Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion:	168	Resp:	34859
Ion Ratio	Lower	Upper	
168	100		
139	45.1	27.3	40.9#
169	18.4	10.6	16.0#





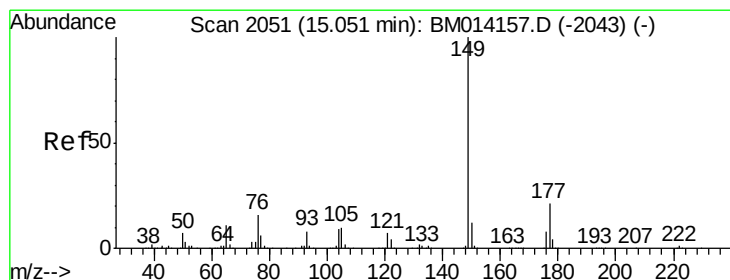
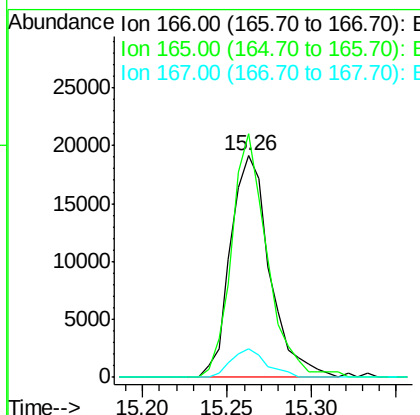
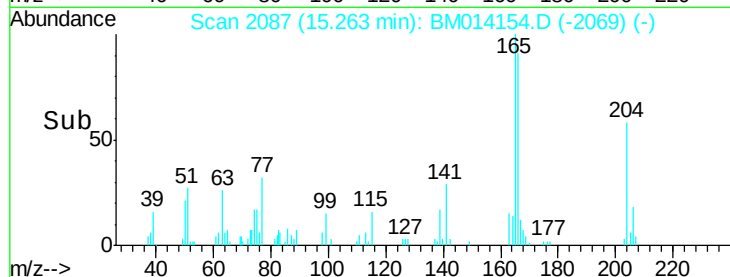
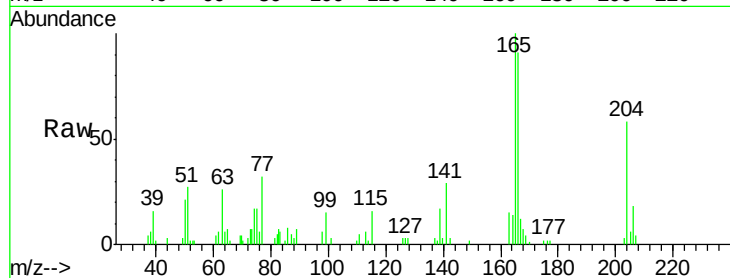
#57
Fluorene
Concen: 2.420 ng
RT: 15.26 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
166	100		
165	110.0	79.0	118.4
167	12.7	10.3	15.5

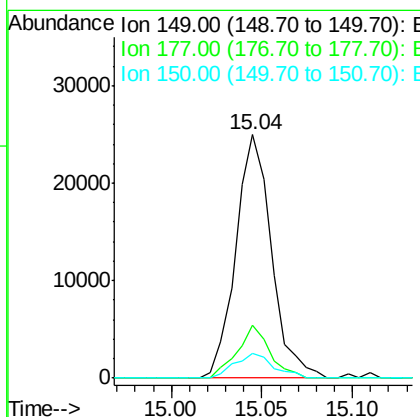
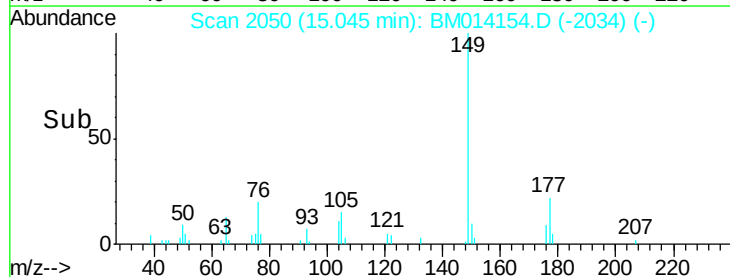
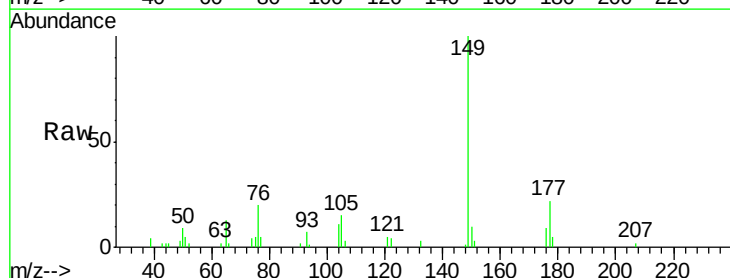
Manual Integrations
APPROVED

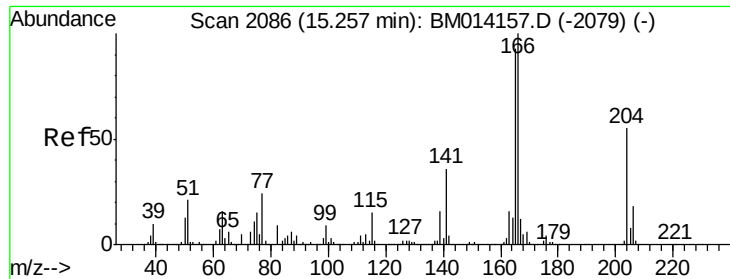
Sohil
2/8/2018 3:50:13 PM



#59
Diethylphthalate
Concen: 2.608 ng
RT: 15.04 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	18.3	27.5
150	9.9	9.8	14.8





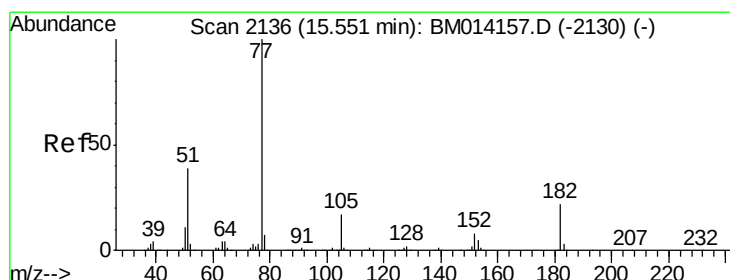
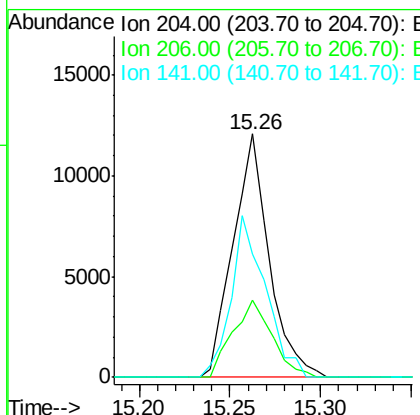
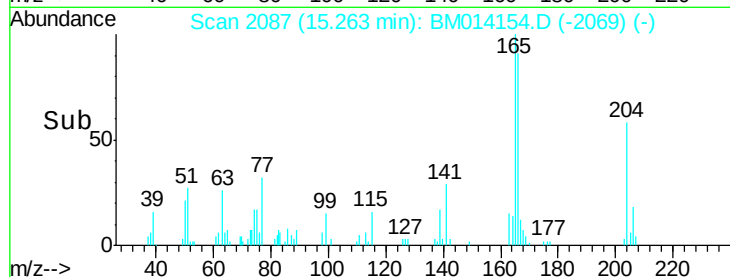
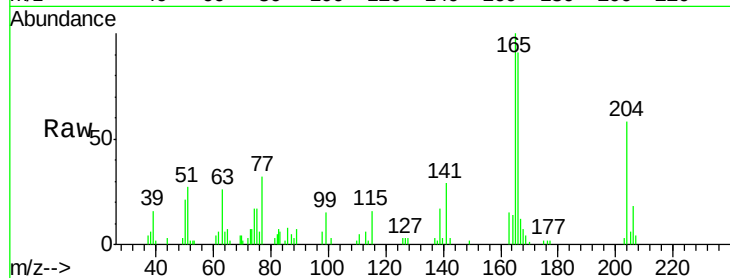
#60
4-Chlorophenyl-phenylether
Concen: 2.804 ng
RT: 15.26 min Scan# 2087
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.6	39.8
141	50.6	45.2	67.8

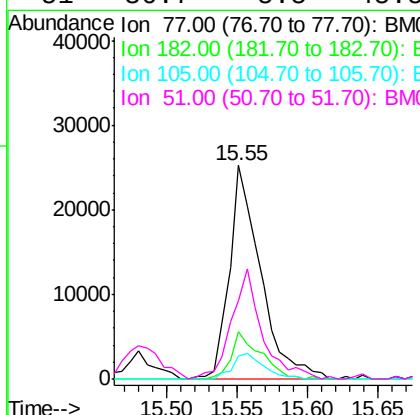
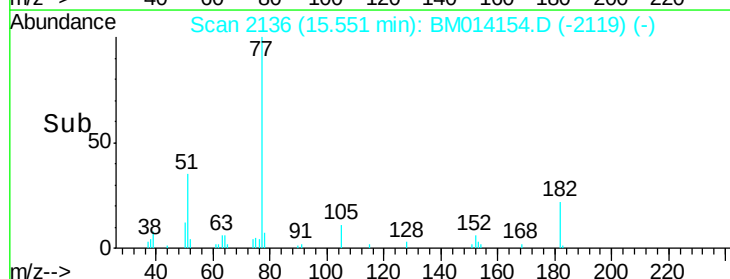
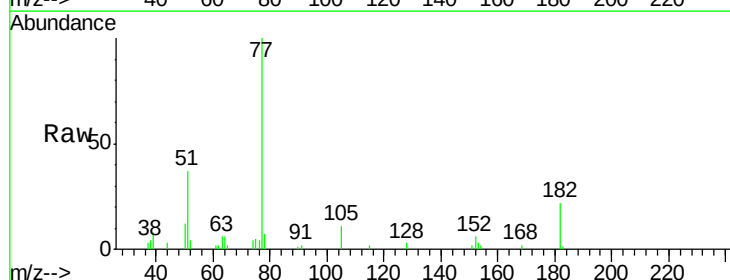
Manual Integrations
APPROVED

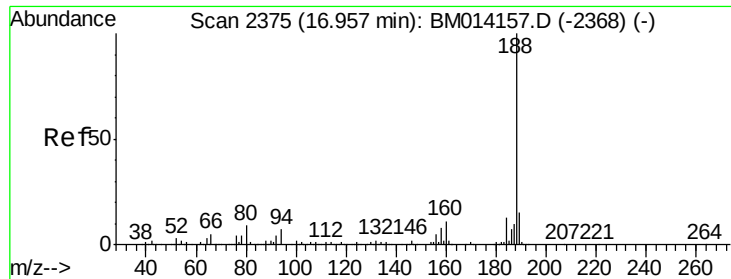
Sohil
2/8/2018 3:50:13 PM



#62
Azobenzene
Concen: 3.309 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.4	6.5	46.5
105	10.7	3.8	43.8
51	36.7	5.5	45.5





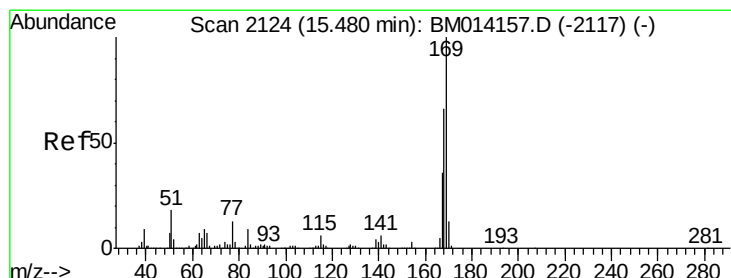
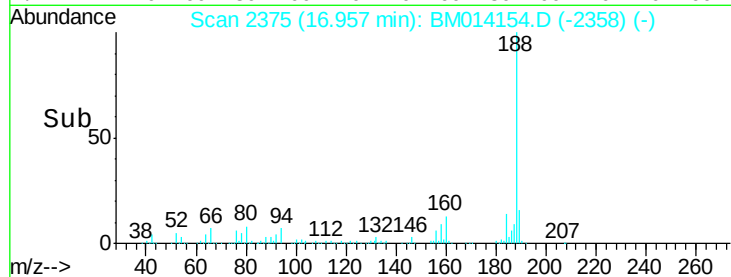
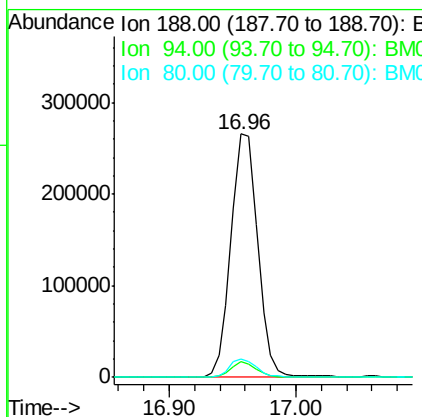
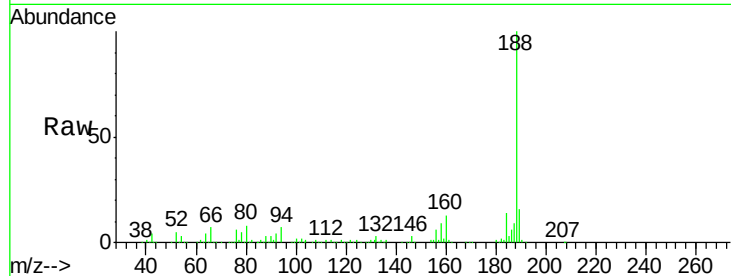
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	7.6	9.3	13.9#

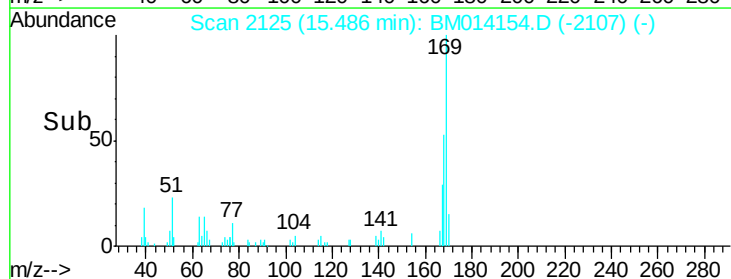
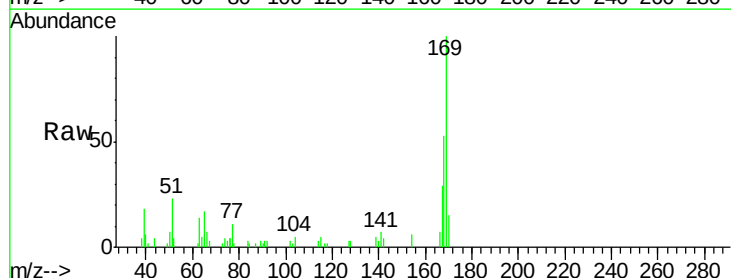
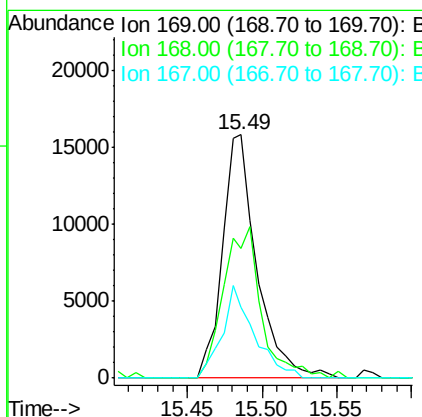
Manual Integrations
APPROVED

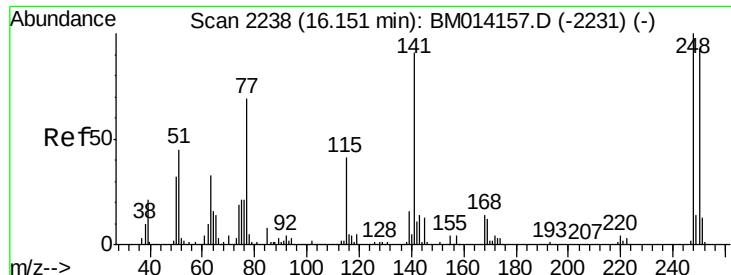
Sohil
2/8/2018 3:50:13 PM



#65
n-Nitrosodiphenylamine
Concen: 2.088 ng
RT: 15.49 min Scan# 2125
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Resp Lower	Upper
169	100		
168	53.2	53.9	80.9#
167	29.3	28.9	43.3





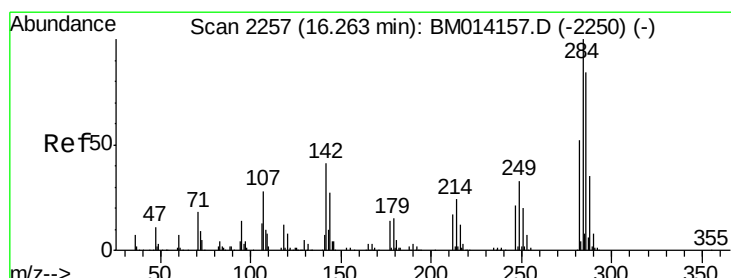
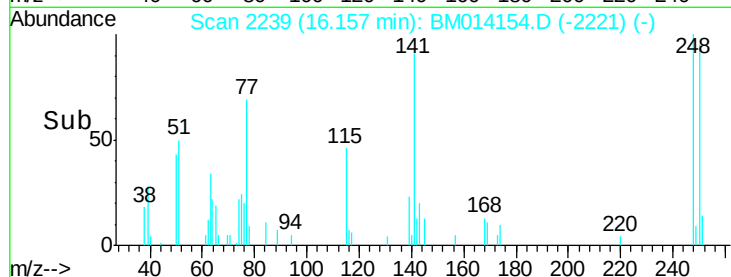
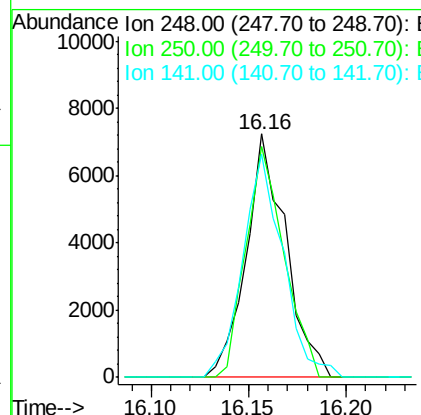
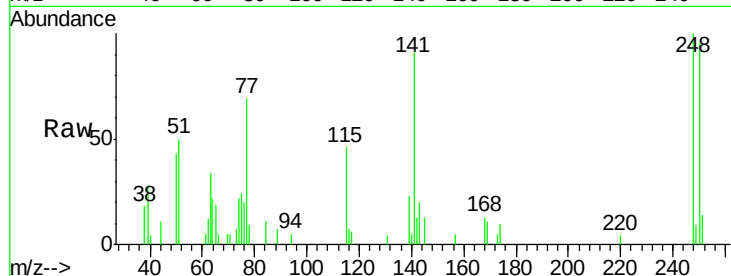
#66
 4-Bromophenyl-phenylether
 Concen: 2.484 ng
 RT: 16.16 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	77.4	116.0
141	91.5	45.2	67.8

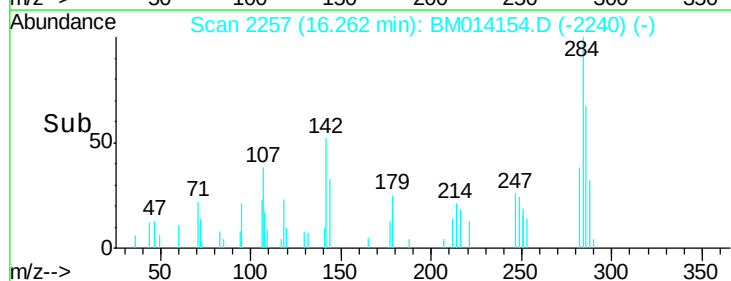
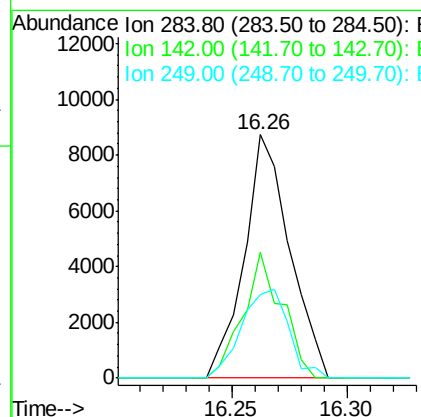
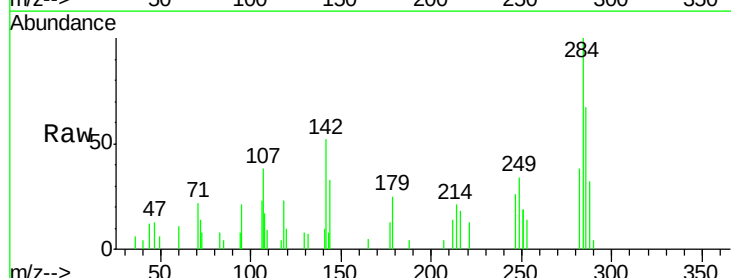
Manual Integrations
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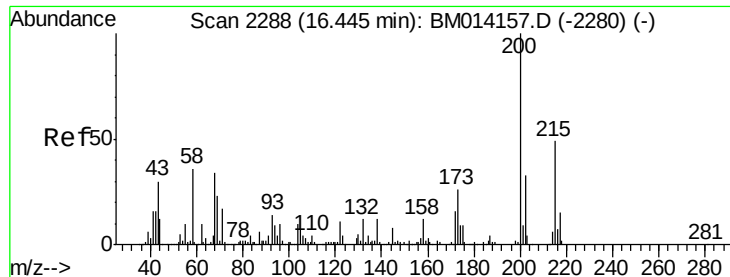
Sohil
 2/8/2018 3:50:13 PM



#67
 Hexachlorobenzene
 Concen: 2.488 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BM014154.D
 Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.8	20.4	30.6
249	34.3	23.8	35.6





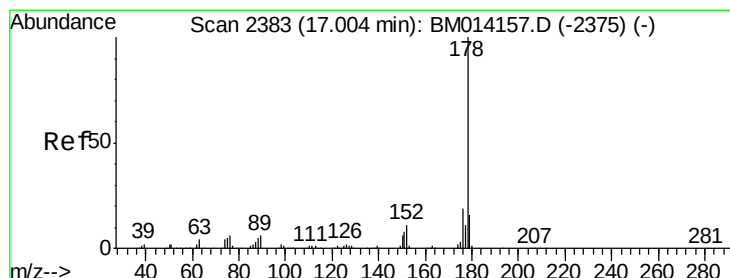
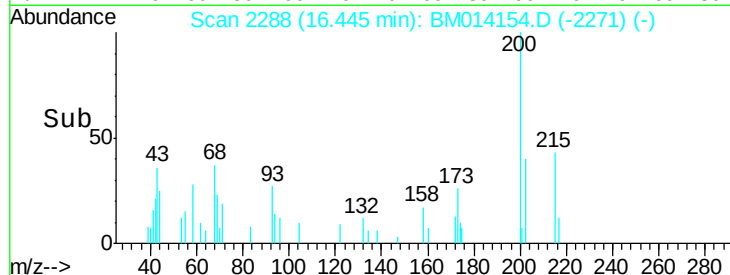
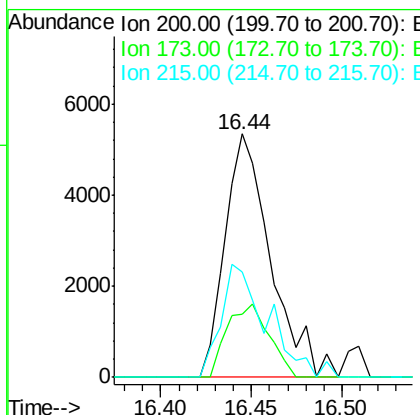
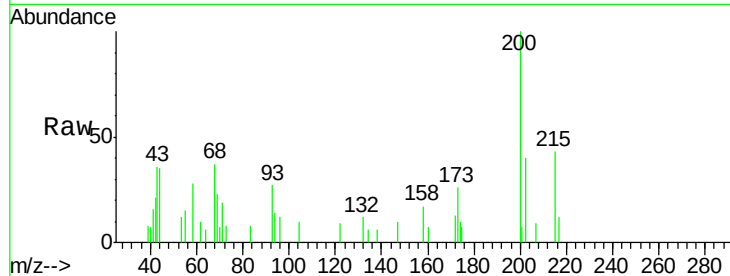
#68
Atrazine
Concen: 2.611 ng
RT: 16.44 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampled :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	4.8	44.8
215	43.4	26.9	66.9

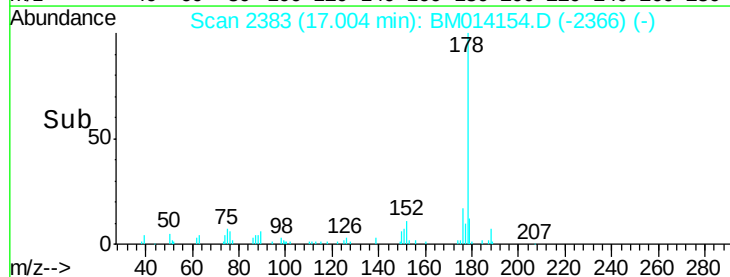
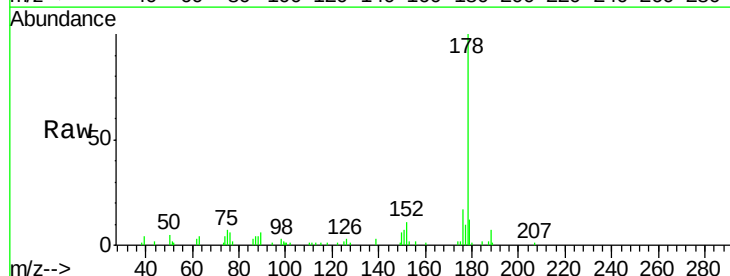
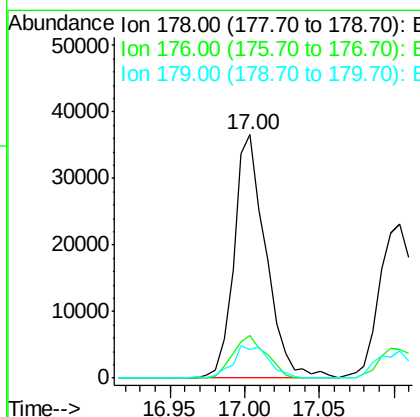
Manual Integrations
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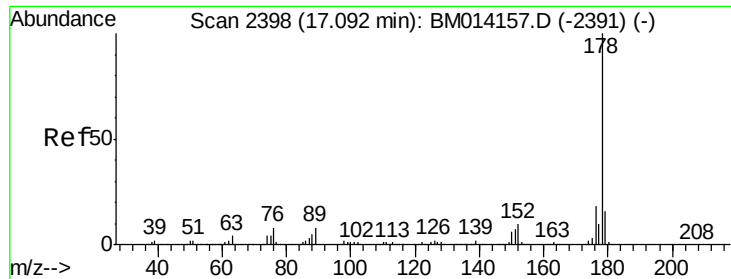
Sohil
2/8/2018 3:50:13 PM



#70
Phenanthrene
Concen: 2.494 ng
RT: 17.00 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.2	22.8
179	11.5	12.1	18.1#





#71

Anthracene

Concen: 2.134 ng

RT: 17.10 min Scan# 2400

Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

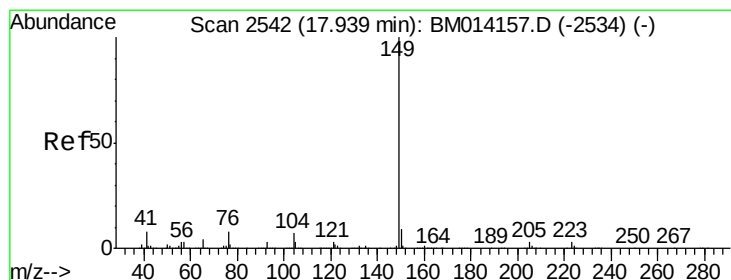
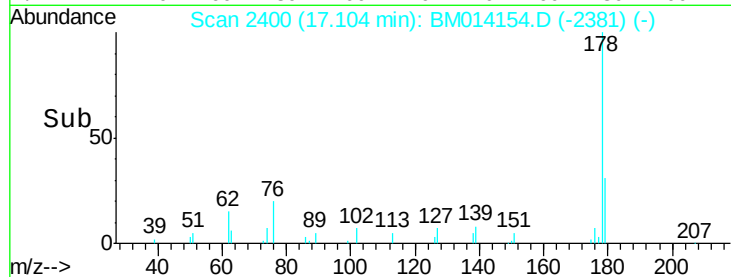
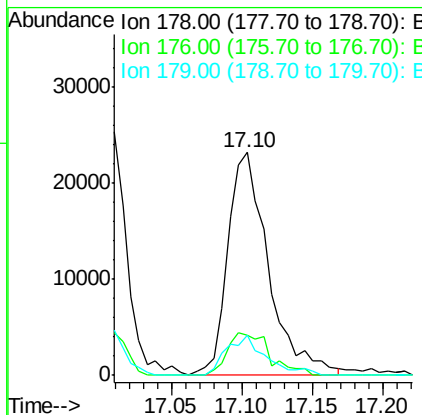
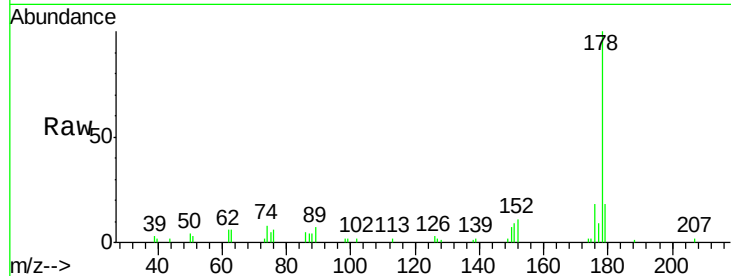
ClientSampleId :

SSTDICC2.5

Tot Ion:	178	Resp:	46591
Ion Ratio	Lower	Upper	
178	100		
176	18.1	14.6	22.0
179	17.8	12.6	19.0

Manual Integrations
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Sohil
2/8/2018 3:50:13 PM



#73

Di-n-butylphthalate

Concen: 2.165 ng

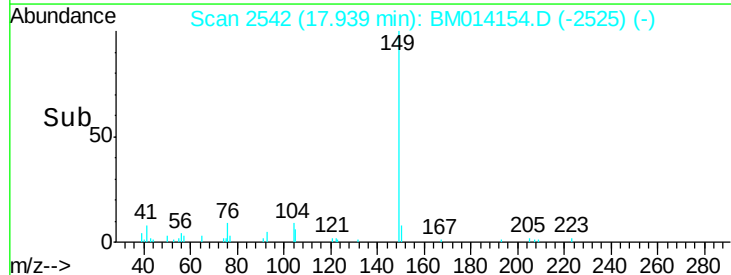
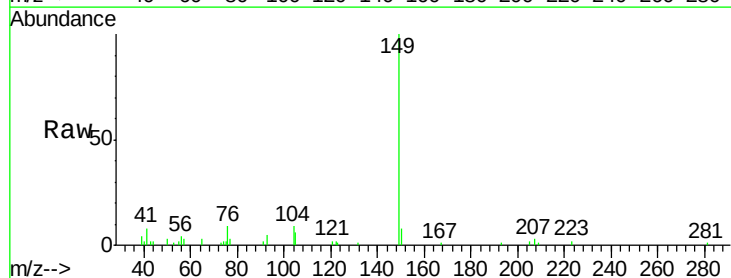
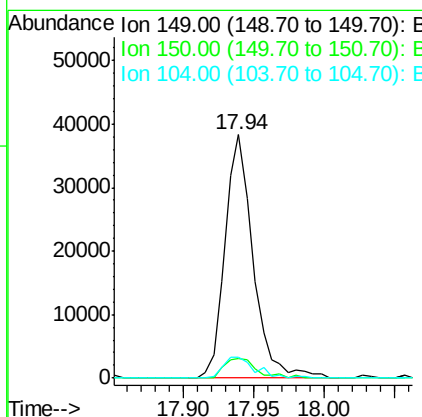
RT: 17.94 min Scan# 2542

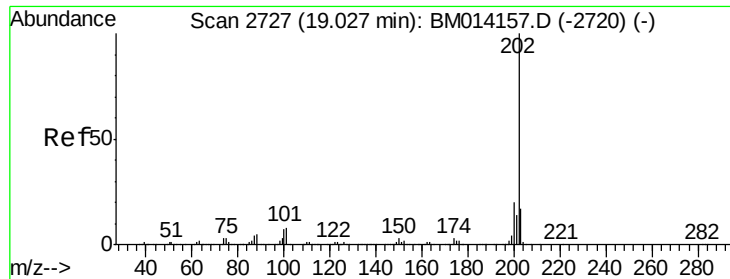
Delta R.T. -0.00 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion:	149	Resp:	52921
Ion Ratio	Lower	Upper	
149	100		
150	8.3	7.5	11.3
104	8.8	3.7	5.5#





#74

Fluoranthene

Concen: 2.486 ng

RT: 19.04 min Scan# 2729

Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

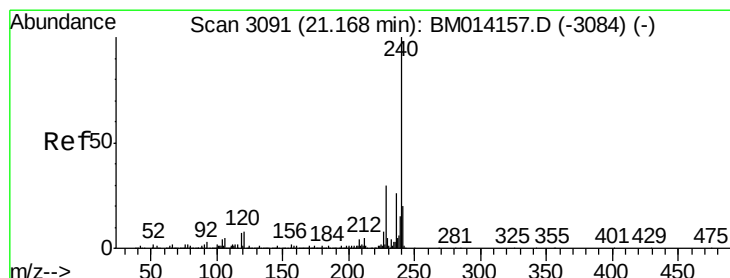
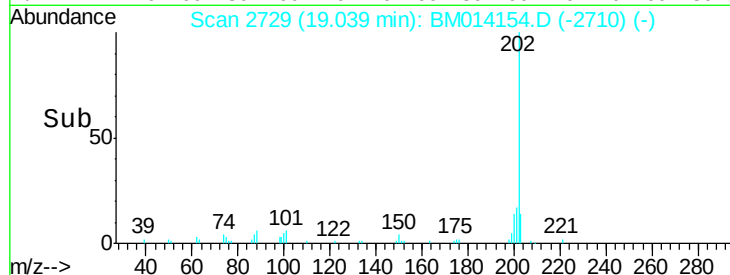
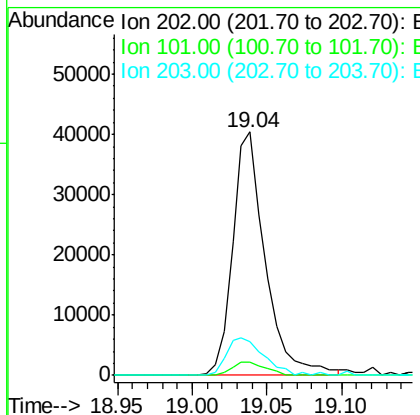
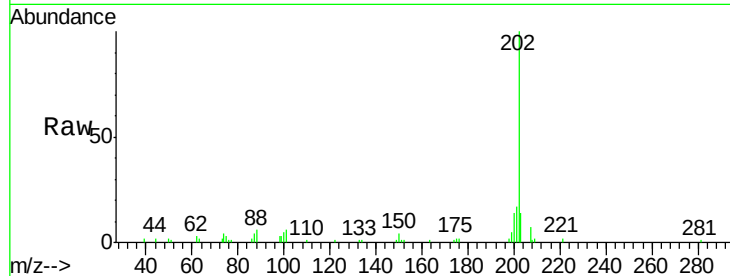
ClientSampleId :

SSTDICC2.5

Tot Ion:	202	Resp:	61597
Ion Ratio	Lower	Upper	
202	100		
101	5.6	0.0	28.7
203	13.8	0.0	37.2

Manual Integrations
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Sohil
2/8/2018 3:50:13 PM



#75

Chrysene-d12

Concen: 20.000 ng

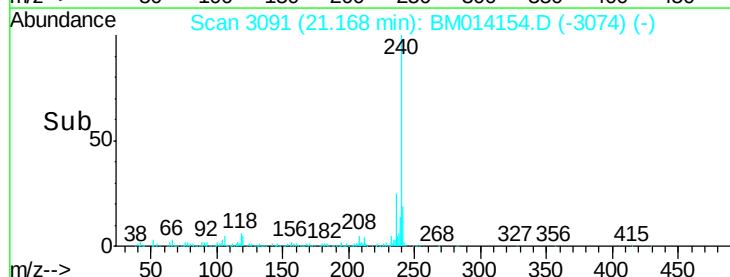
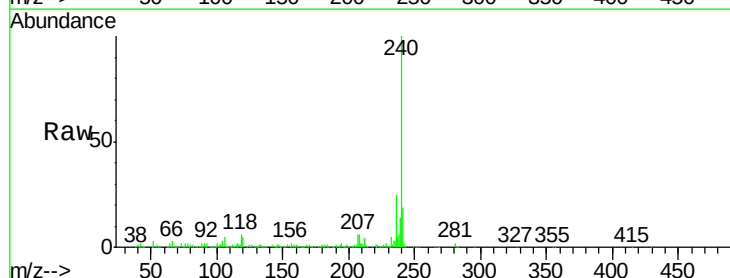
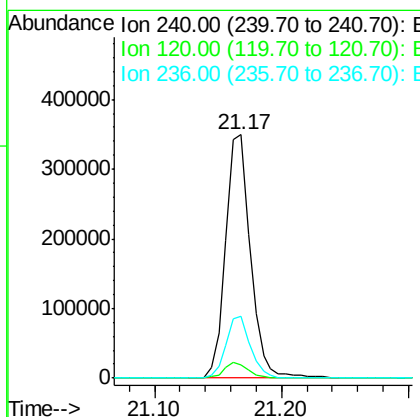
RT: 21.17 min Scan# 3091

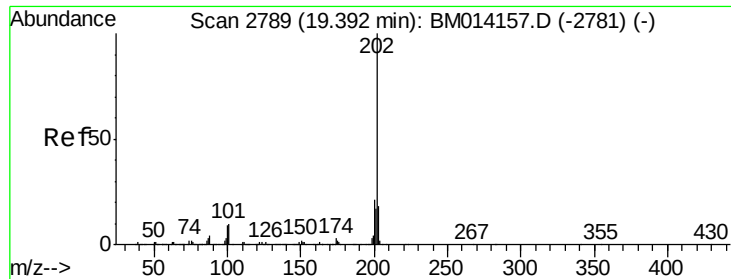
Delta R.T. -0.00 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion:	240	Resp:	474742
Ion Ratio	Lower	Upper	
240	100		
120	5.5	8.2	12.2#
236	25.3	20.0	30.0





#77

Pvrene

Concen: 2.182 ng

RT: 19.40 min Scan# 2791

Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

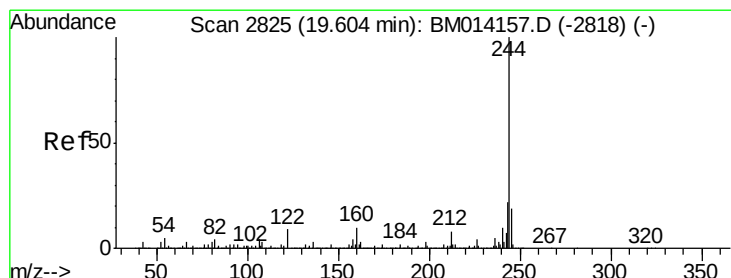
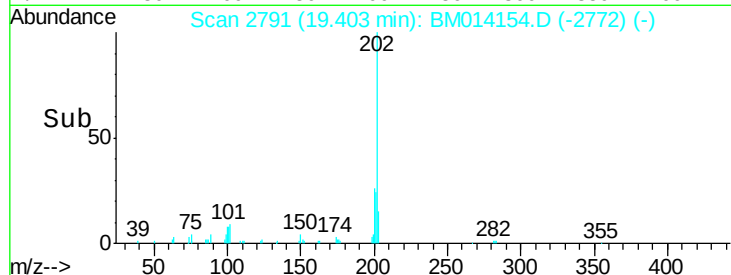
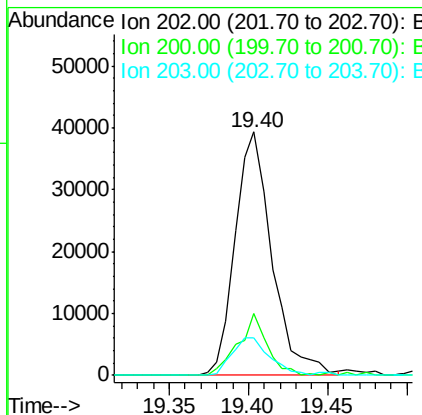
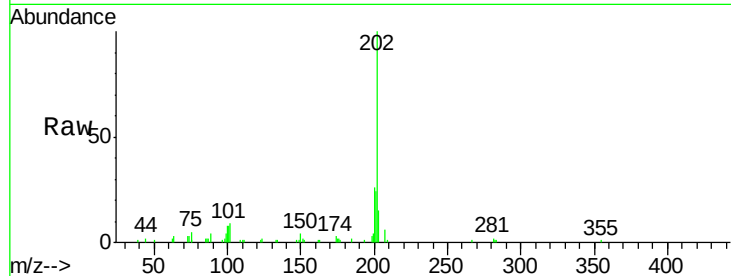
ClientSampled :

SSTDICC2.5

Tot Ion:	202	Resp:	63491
Ion Ratio	Lower	Upper	
202	100		
200	25.6	16.9	25.3#
203	15.2	14.1	21.1

Manual Integrations
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Sohil
2/8/2018 3:50:13 PM



#78

Terphenyl-d14

Concen: 5.016 ng

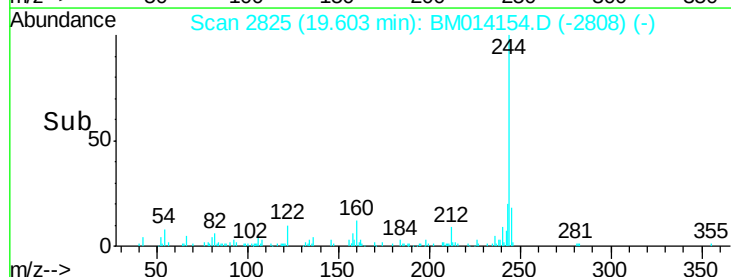
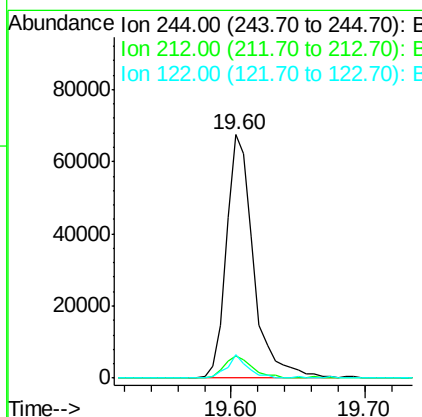
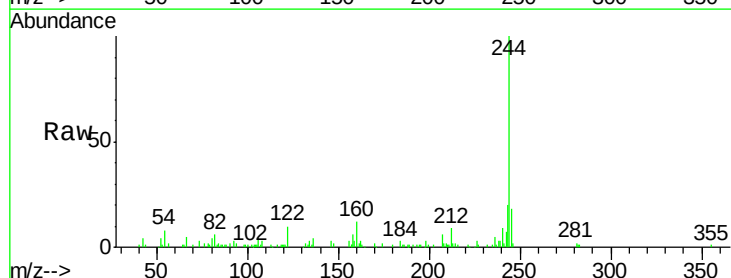
RT: 19.60 min Scan# 2825

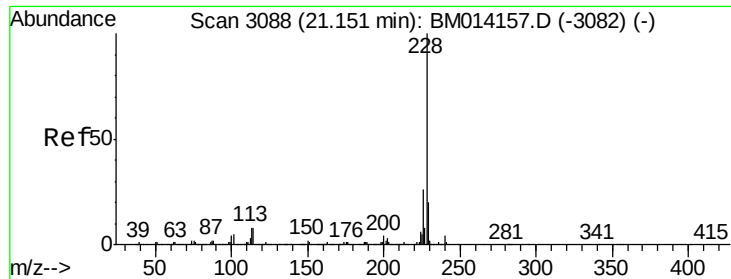
Delta R.T. -0.00 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion:	244	Resp:	95972
Ion Ratio	Lower	Upper	
244	100		
212	9.1	4.9	7.3#
122	9.7	6.2	9.4#





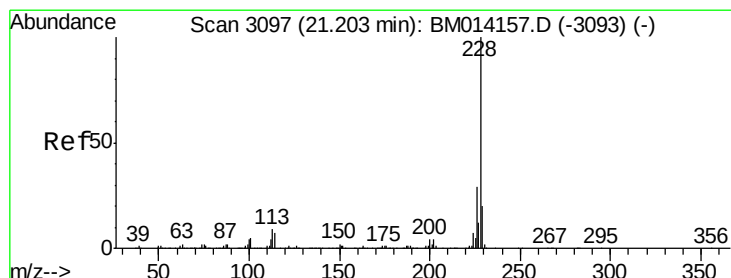
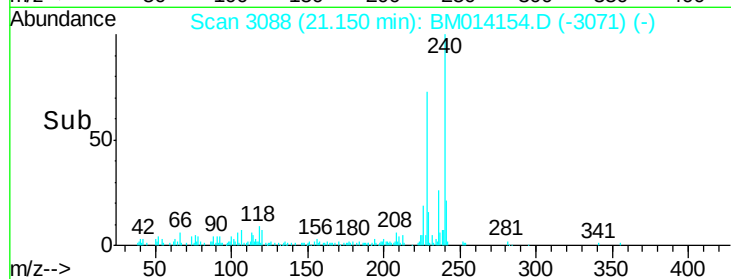
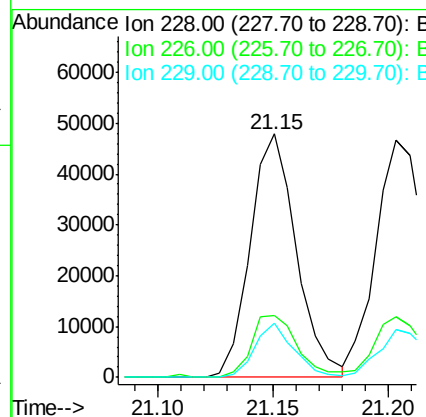
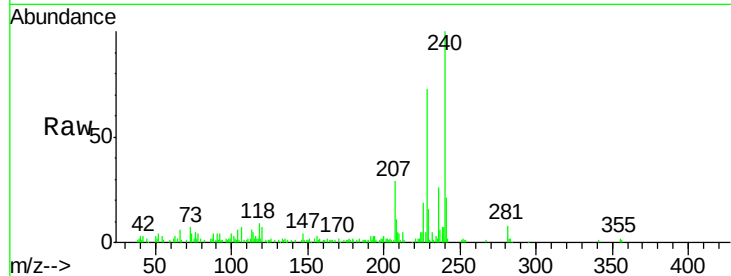
#80
Benzo(a)anthracene
Concen: 2.517 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.6	21.7	32.5
229	22.0	16.0	24.0

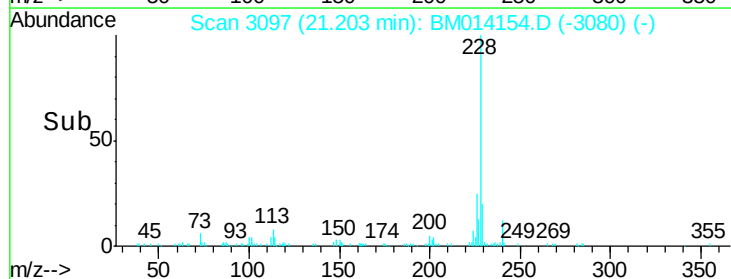
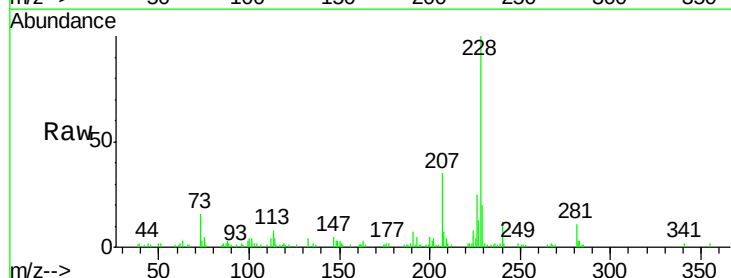
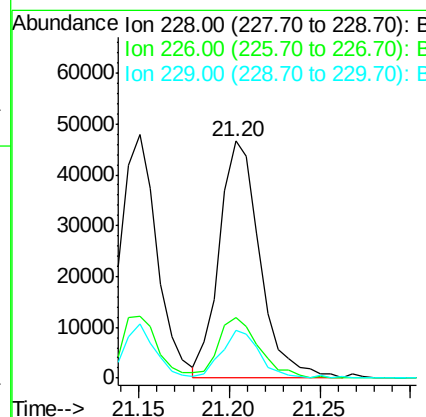
Manual Integrations
APPROVED

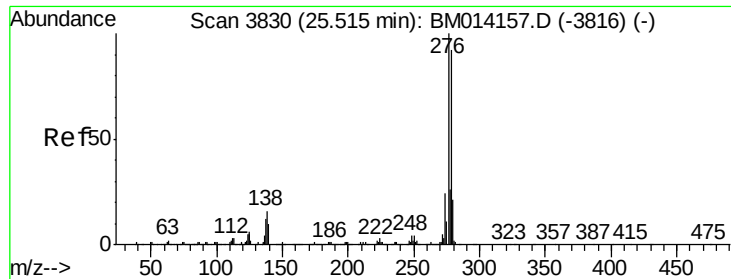
Sohil
2/8/2018 3:50:13 PM



#82
Chrysene
Concen: 2.905 ng
RT: 21.20 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.4	24.1	36.1
229	20.4	15.5	23.3





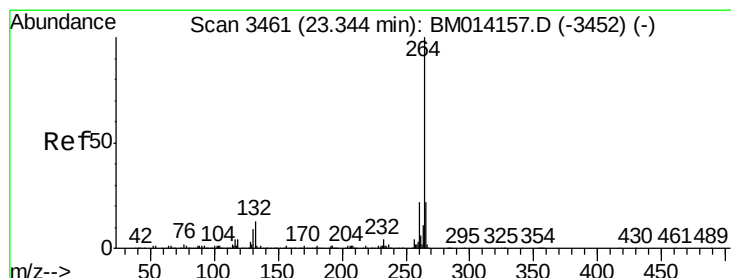
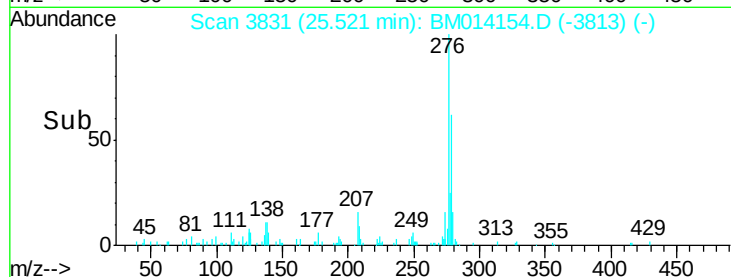
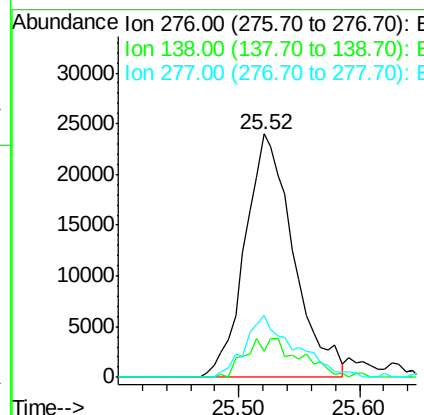
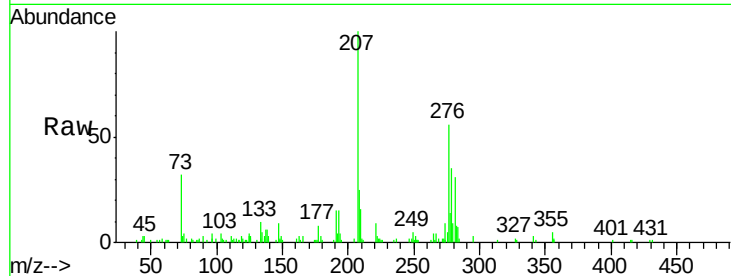
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.867 ng
RT: 25.52 min Scan# 3831
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	12.0	18.0
277	26.0	20.0	30.0

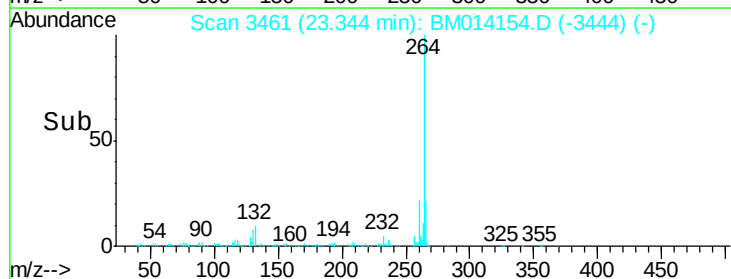
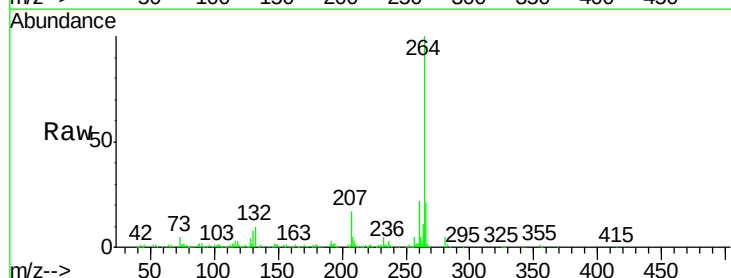
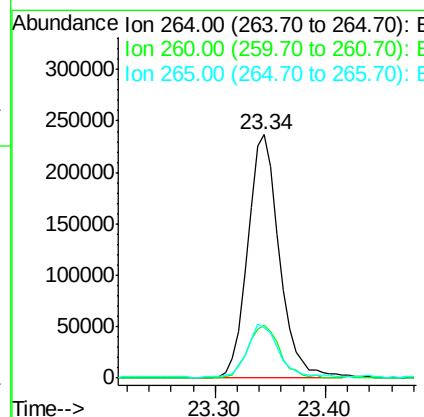
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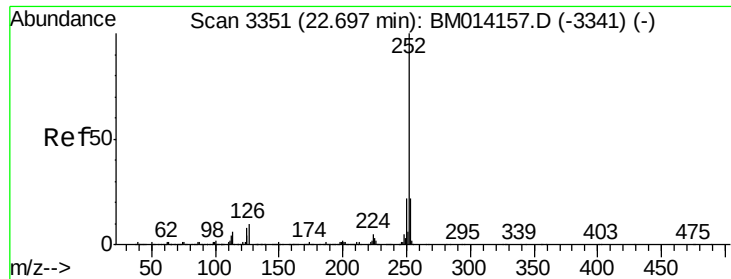
Sohil
2/8/2018 3:50:13 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.6	27.8
265	20.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 2.311 ng

RT: 22.70 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Instrument :

BNA_M

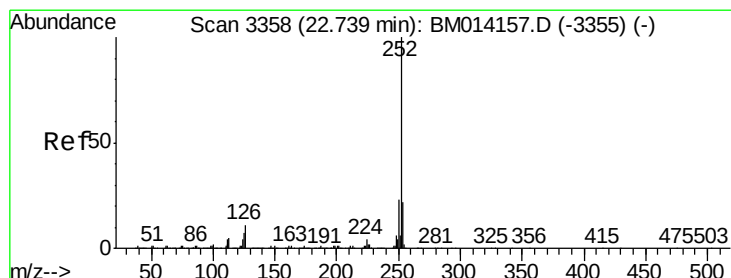
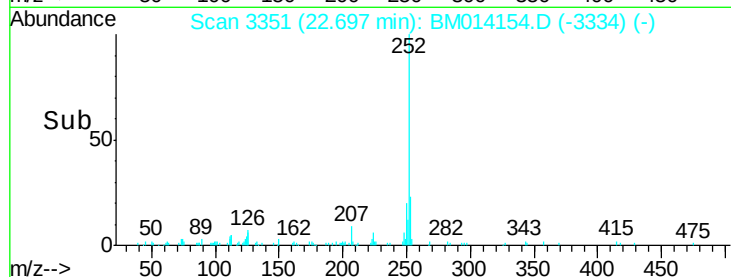
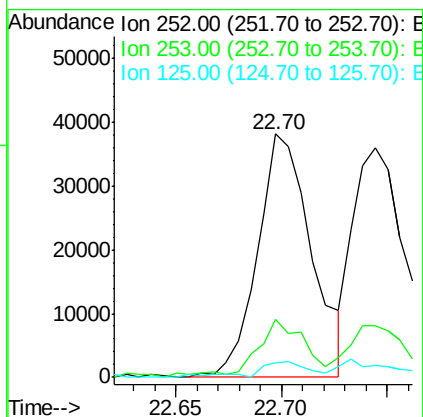
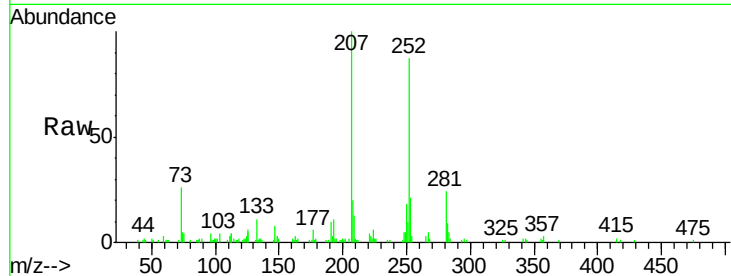
ClientSampleId :

SSTDICC2.5

Tot Ion:	252	Resp:	67702
Ion Ratio	Lower	Upper	
252	100		
253	24.0	18.0	27.0
125	6.0	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.134 ng

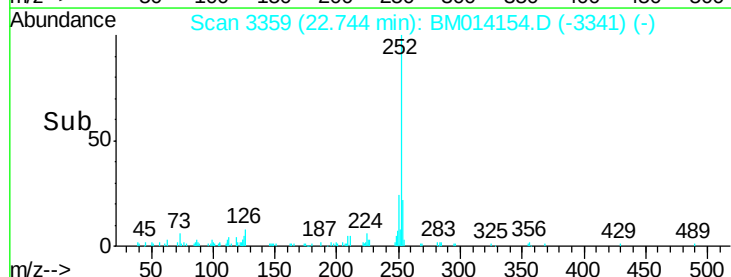
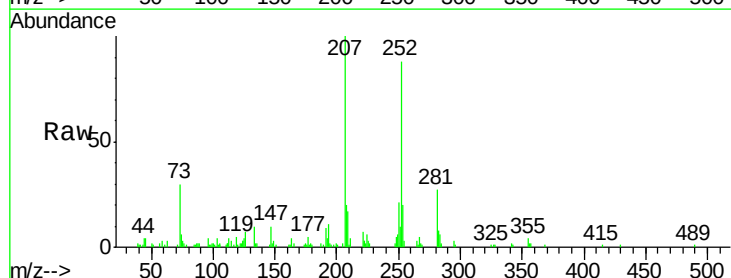
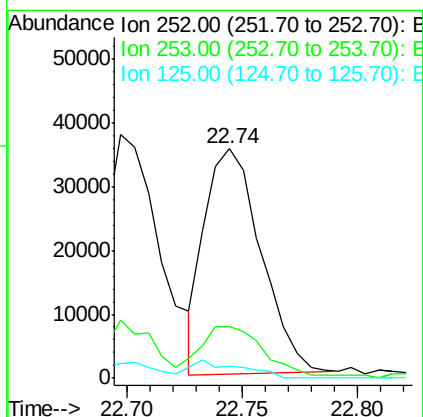
RT: 22.74 min Scan# 3359

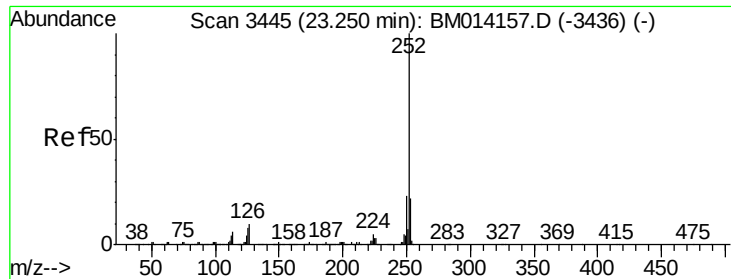
Delta R.T. 0.01 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tgt Ion:	252	Resp:	59938
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.2	25.8
125	5.1	8.1	12.1#





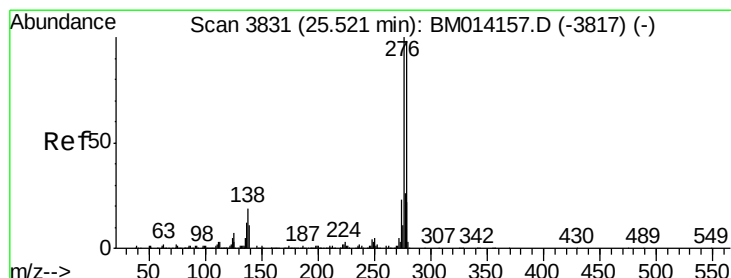
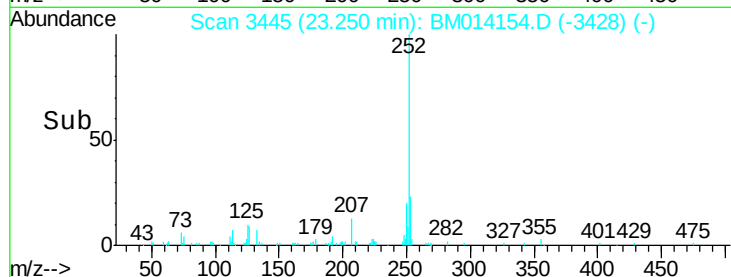
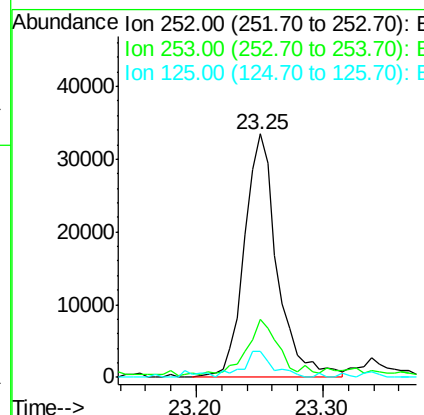
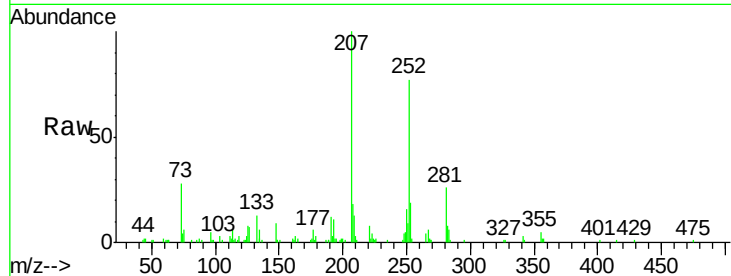
#89
Benzo(a)pyrene
Concen: 2.278 ng
RT: 23.25 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	10.4	7.4	11.2

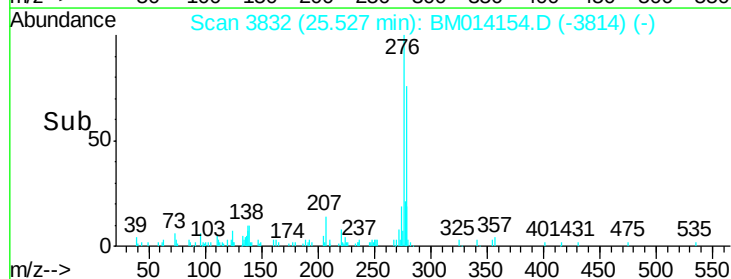
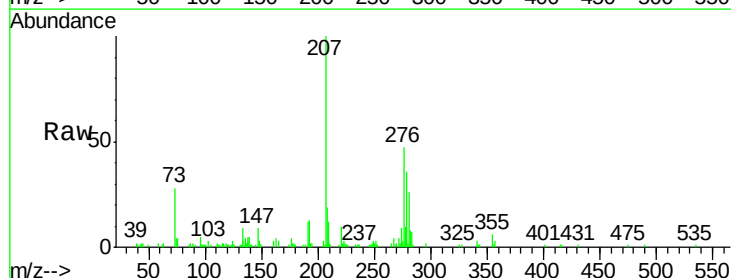
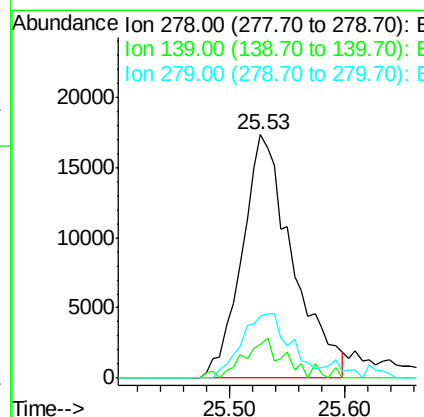
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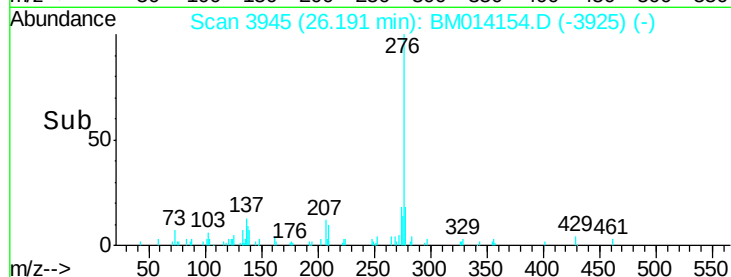
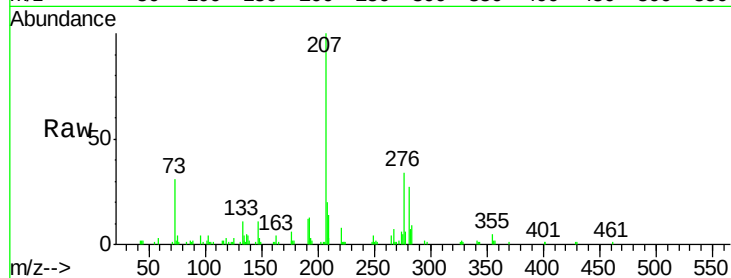
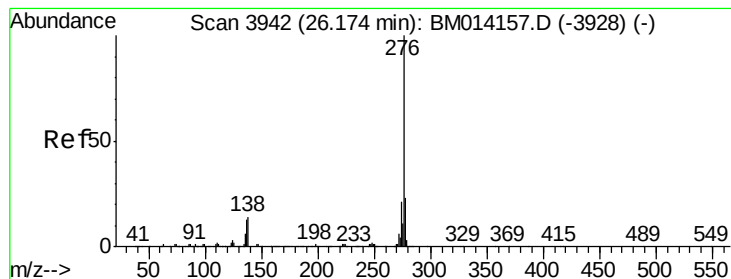
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#90
Dibenzo(a,h)anthracene
Concen: 2.333 ng
RT: 25.53 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BM014154.D
Acq: 07 Feb 2018 10:21

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	13.4	20.0
279	25.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 2.360 ng

RT: 26.19 min Scan# 3945

Delta R.T. 0.02 min

Lab File: BM014154.D

Acq: 07 Feb 2018 10:21

Tot Ion:	276	Resp:	51581
Ion Ratio	Lower	Upper	
276	100		
277	17.9	18.5	27.7#
138	18.5	19.0	28.6#

Instrument :

BNA_M

ClientSampleId :

SSTDICC2.5

Manual Integrations
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