

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
 Data File : BM016437.D
 Acq On : 17 Aug 2018 13:48
 Operator : SJ/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:17:05 PM

Quant Time: Aug 17 15:04:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 14:37:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	21267	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	87633	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	56132	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	128985	20.00	ng	0.00
75) Chrysene-d12	21.59	240	135282	20.00	ng	0.00
86) Perylene-d12	23.90	264	103647	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	99903	78.03	ng	0.00
7) Phenol-d6	7.23	99	130940	78.31	ng	0.00
23) Nitrobenzene-d5	9.25	82	180162	95.62	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	66387	93.25	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	420003	91.04	ng	0.00
78) Terphenyl-d14	20.03	244	697082	107.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	23323	38.881	ng	# 100
3) Pyridine	3.84	79	49333m	34.139	ng	
4) n-Nitrosodimethylamine	3.76	42	56034m	49.715	ng	
6) Aniline	7.39	93	70625	36.686	ng	# 86
8) 2-Chlorophenol	7.62	128	61213	40.229	ng	98
9) Benzaldehyde	7.21	77	46052	39.203	ng	84
10) Phenol	7.26	94	64455	38.553	ng	86
11) bis(2-Chloroethyl)ether	7.49	93	49293	37.322	ng	90
12) 1,3-Dichlorobenzene	7.94	146	70956	39.839	ng	# 84
13) 1,4-Dichlorobenzene	8.09	146	73628	40.760	ng	# 94
14) 1,2-Dichlorobenzene	8.41	146	73011	41.308	ng	# 93
15) Benzyl Alcohol	8.32	79	59924	45.011	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.59	45	61885	30.615	ng	91
17) 2-Methylphenol	8.52	107	46983	41.115	ng	# 75
18) Hexachloroethane	9.12	117	37749	48.345	ng	95
19) n-Nitroso-di-n-propylamine	8.88	70	52950	43.328	ng	# 62
20) 3+4-Methylphenols	8.85	107	66143	40.230	ng	# 82
22) Acetophenone	8.90	105	100059	45.345	ng	# 73
24) Nitrobenzene	9.29	77	86511	45.616	ng	# 94
25) Isophorone	9.80	82	118656	46.041	ng	# 93
26) 2-Nitrophenol	10.00	139	36945	46.666	ng	# 30
27) 2,4-Dimethylphenol	10.05	122	49350	44.742	ng	# 76
28) bis(2-Chloroethoxy)methane	10.29	93	67872	40.519	ng	98
29) 2,4-Dichlorophenol	10.53	162	62453	47.650	ng	97
30) 1,2,4-Trichlorobenzene	10.73	180	74142	46.558	ng	# 94
31) Naphthalene	10.92	128	178520	40.251	ng	98
32) Benzoic acid	10.25	122	40132	47.730	ng	# 86
33) 4-Chloroaniline	11.05	127	76298	42.156	ng	# 82
34) Hexachlorobutadiene	11.17	225	63465	57.454	ng	96
35) Caprolactam	11.88	113	15972	43.999	ng	91
36) 4-Chloro-3-methylphenol	12.17	107	68847	47.758	ng	86
37) 2-Methylnaphthalene	12.53	142	130565	43.946	ng	# 80
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	89553	46.862	ng	# 100
40) Hexachlorocyclopentadiene	12.85	237	27683	35.487	ng	96

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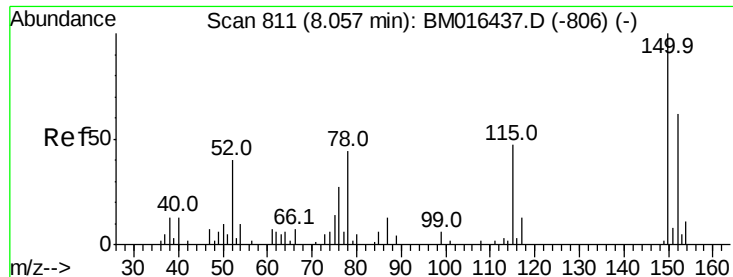
Manual Integrations
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Sohil
 8/20/2018 4:17:05 PM

Quant Time: Aug 17 15:04:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 17 14:37:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	55116	46.098	nq	99
43) 2,4,5-Trichlorophenol	13.22	196	55028	44.619	nq #	78
45) 1,1'-Biphenyl	13.53	154	204219	40.314	nq	99
46) 2-Chloronaphthalene	13.59	162	160175	40.653	nq #	87
47) 2-Nitroaniline	13.81	65	55958	42.958	nq #	71
48) Acenaphthylene	14.43	152	239967	41.604	nq	98
49) Dimethylphthalate	14.16	163	214313	43.627	nq #	99
50) 2,6-Dinitrotoluene	14.30	165	41780	42.270	nq #	27
51) Acenaphthene	14.77	154	145105	40.905	nq	94
52) 3-Nitroaniline	14.64	138	41154	38.549	nq #	69
53) 2,4-Dinitrophenol	14.87	184	19492	52.900	nq #	64
54) Dibenzofuran	15.10	168	262000	44.819	nq #	77
55) 4-Nitrophenol	14.96	139	26735	34.933	nq #	81
56) 2,4-Dinitrotoluene	15.10	165	68232	48.279	nq #	64
57) Fluorene	15.75	166	199119	45.838	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.33	232	53431	50.404	nq #	100
59) Diethylphthalate	15.52	149	249224	47.069	nq	95
60) 4-Chlorophenyl-phenylether	15.73	204	126689	52.389	nq #	83
61) 4-Nitroaniline	15.81	138	40151	39.199	nq #	1
62) Azobenzene	16.03	77	289056	51.837	nq #	69
64) 4,6-Dinitro-2-methylphenol	15.87	198	37487	47.882	nq	86
65) n-Nitrosodiphenylamine	15.96	169	179760	42.324	nq	99
66) 4-Bromophenyl-phenylether	16.63	248	72075	49.348	nq #	68
67) Hexachlorobenzene	16.74	284	70723	43.971	nq #	50
68) Atrazine	16.90	200	67556	44.379	nq	96
69) Pentachlorophenol	17.10	266	40003	40.165	nq	94
70) Phenanthrene	17.49	178	297032	41.132	nq	98
71) Anthracene	17.58	178	297186	42.344	nq	97
72) Carbazole	17.86	167	288304	39.652	nq #	95
73) Di-n-butylphthalate	18.38	149	414764	45.779	nq #	95
74) Fluoranthene	19.49	202	350027	43.453	nq	96
76) Benzidine	19.67	184	111984	29.623	nq	97
77) Pyrene	19.84	202	365278	45.057	nq	98
79) Butylbenzylphthalate	20.71	149	173599	42.152	nq #	74
80) Benzo(a)anthracene	21.57	228	348649	41.844	nq	98
81) 3,3'-Dichlorobenzidine	21.50	252	127397	37.960	nq	99
82) Chrysene	21.62	228	326878	40.897	nq	99
83) Bis(2-ethylhexyl)phthalate	21.46	149	240165	40.238	nq	92
84) Di-n-octyl phthalate	22.36	149	357217	35.610	nq #	86
85) Indeno(1,2,3-cd)pyrene	26.24	276	263806	27.814	nq	100
87) Benzo(b)fluoranthene	23.20	252	269912	44.230	nq #	93
88) Benzo(k)fluoranthene	23.24	252	268204	43.367	nq #	94
89) Benzo(a)pyrene	23.80	252	245856	41.908	nq #	97
90) Dibenzo(a,h)anthracene	26.24	278	221826	36.495	nq #	92
91) Benzo(g,h,i)perylene	26.97	276	201497	35.051	nq #	88

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



#1

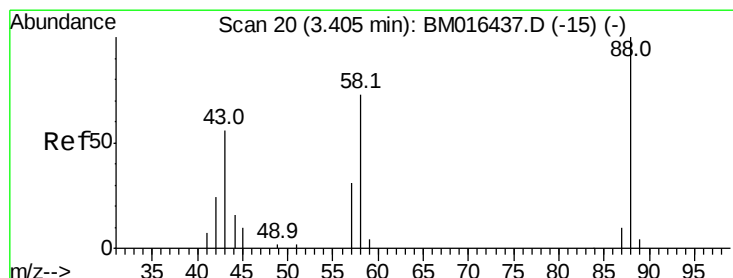
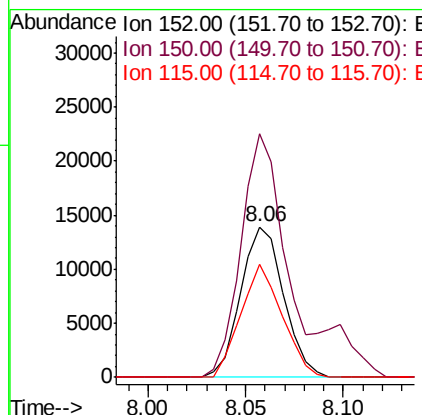
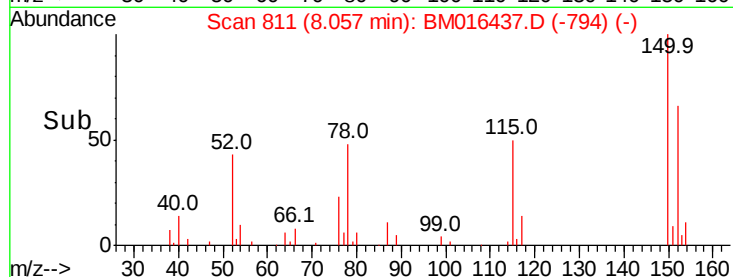
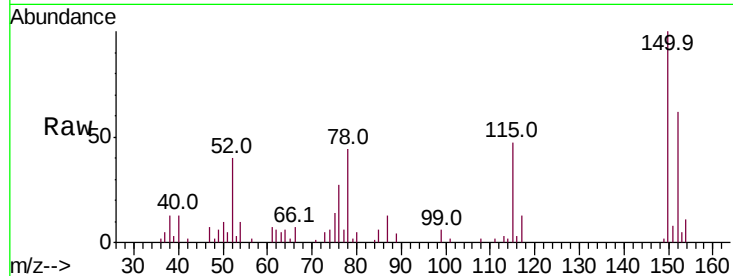
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.1	119.5	179.3
115	75.4	43.0	64.4

Manual Integrations
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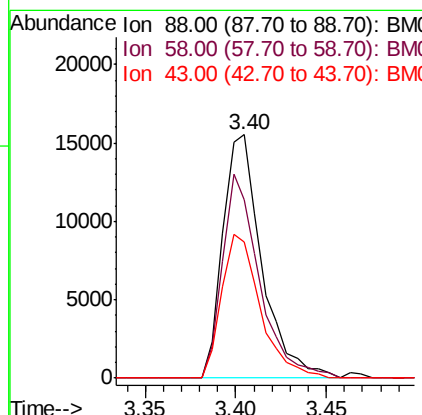
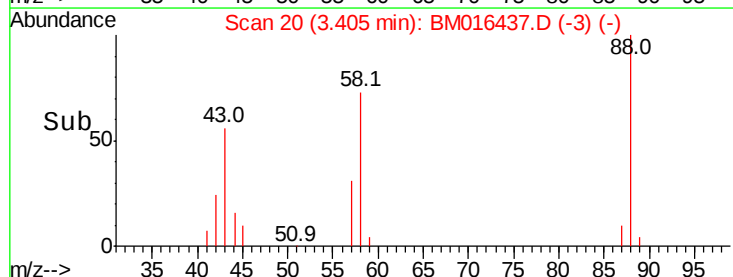
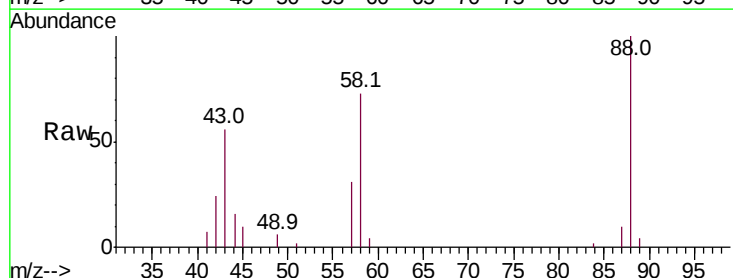
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8/20/2018 4:17:05 PM

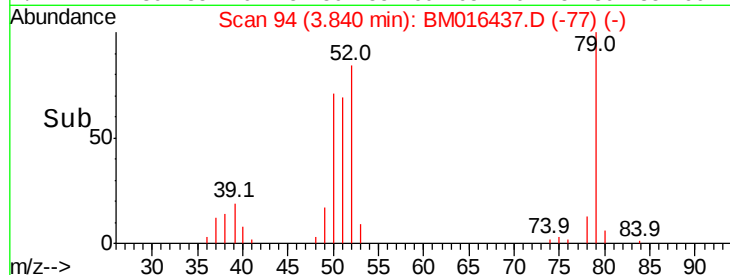
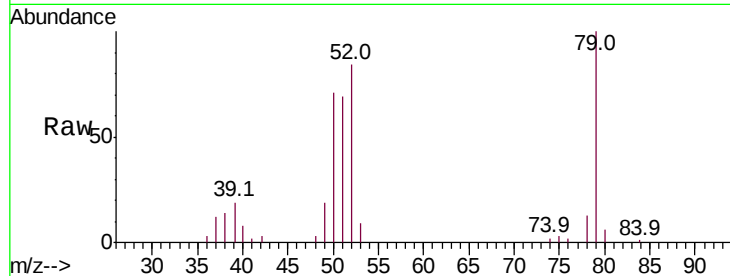
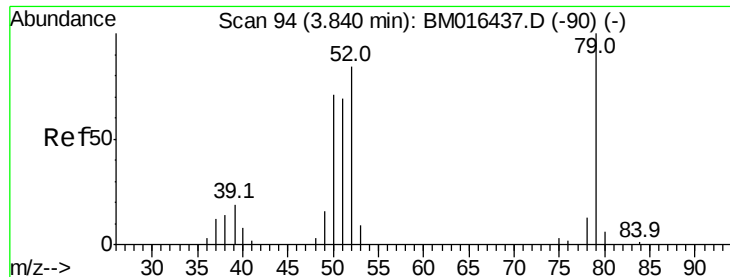


#2

1,4-Dioxane
Concen: 38.881 ng
RT: 3.40 min Scan# 20
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	0.0	0.0
43	58.3	0.0	0.0





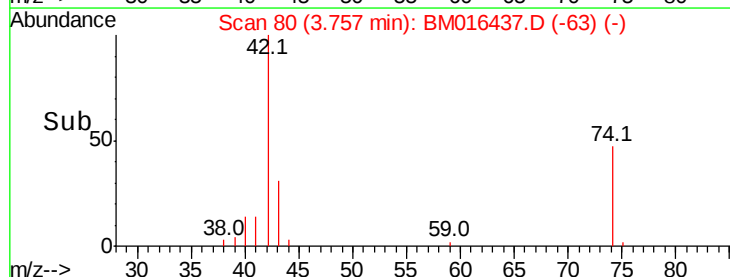
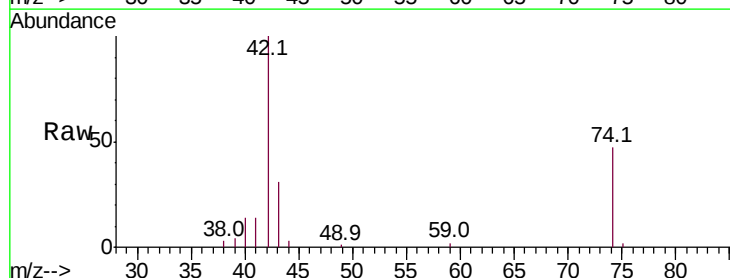
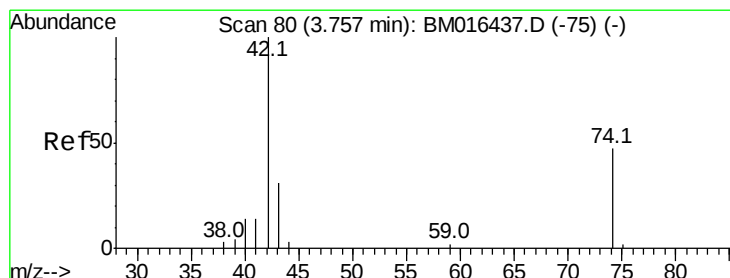
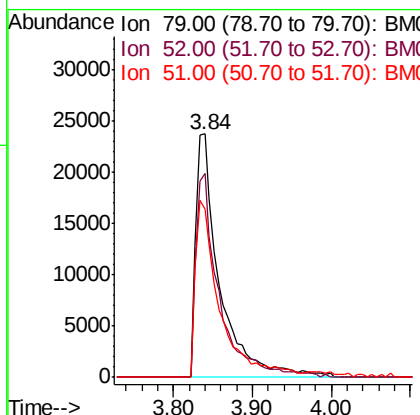
#3
 Pvridine
 Concen: 34.139 ng m
 RT: 3.84 min Scan# 94
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tot Ion: 79 Resp: 49333
 Ion Ratio Lower Upper
 79 100
 52 84.0 51.1 76.7#
 51 69.0 26.1 39.1#

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

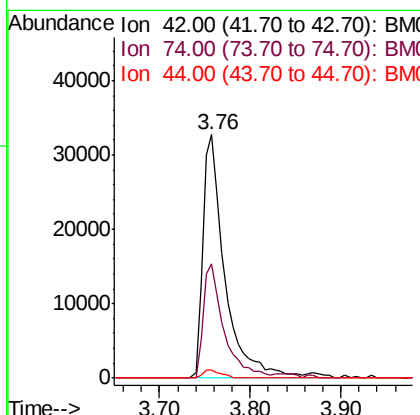
Manual Integrations
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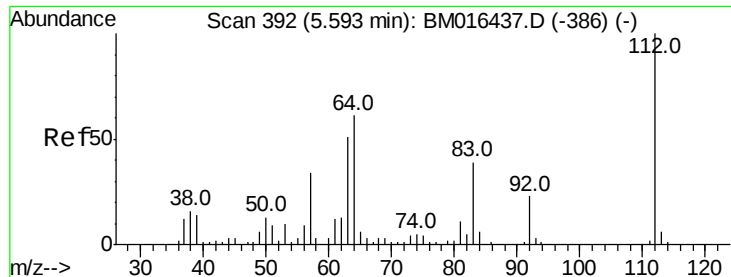
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#4
 n-Nitrosodimethylamine
 Concen: 49.715 ng m
 RT: 3.76 min Scan# 80
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion: 42 Resp: 56034
 Ion Ratio Lower Upper
 42 100
 74 47.0 119.3 178.9#
 44 3.4 5.4 8.2#





#5

2-Fluorophenol

Concen: 49.715 ng

RT: 5.59 min Scan# 392

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

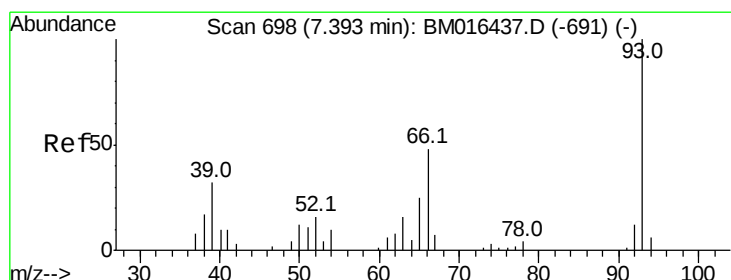
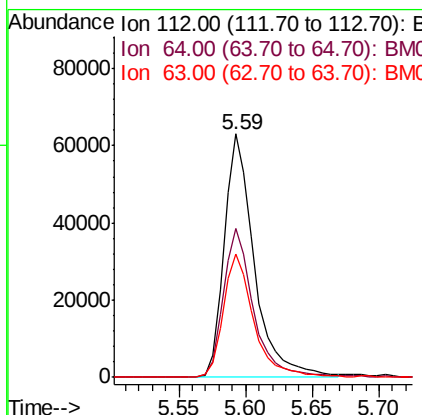
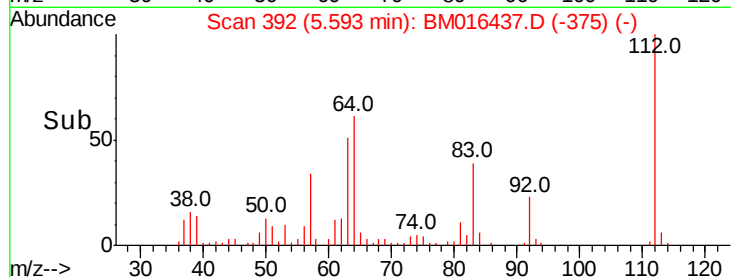
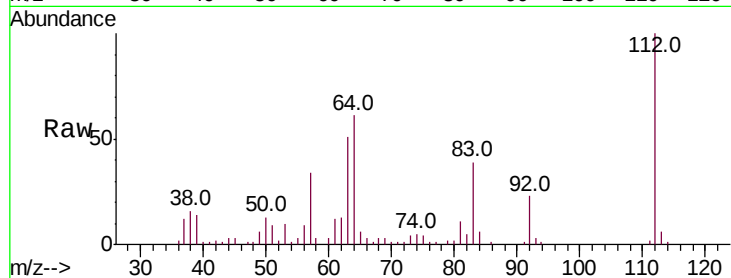
ClientSampleId :

SSTDICCC040

Tot Ion:	112	Resp:	99903
Ion Ratio	Lower	Upper	
112	100		
64	61.4	38.6	57.8#
63	50.7	19.3	28.9#

Manual Integrations
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#6

Aniline

Concen: 36.686 ng

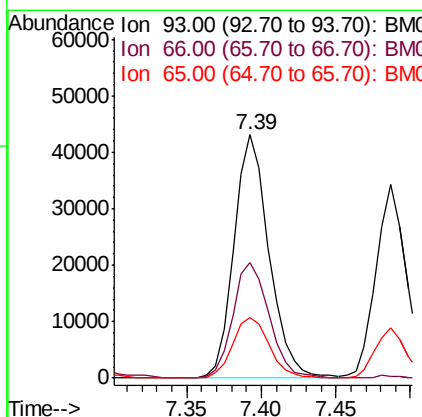
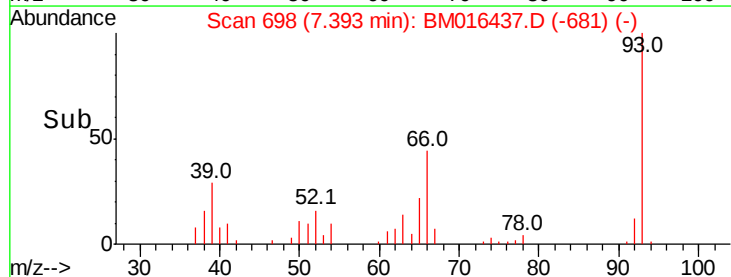
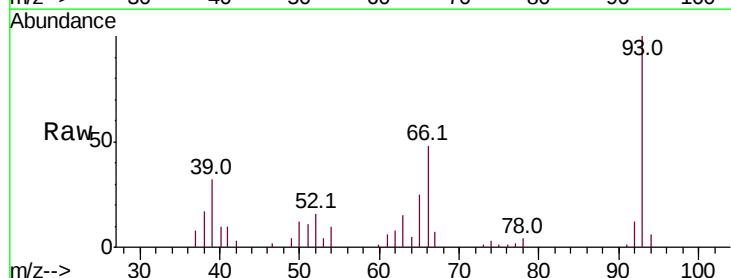
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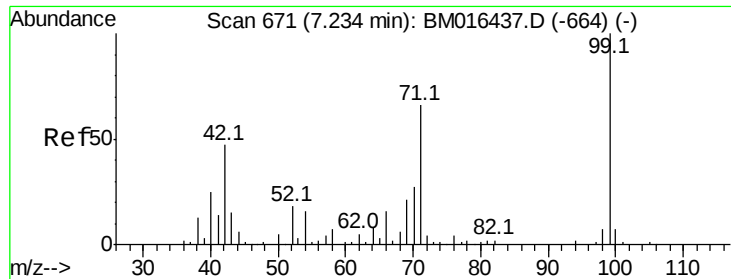
Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion:	93	Resp:	70625
Ion Ratio	Lower	Upper	
93	100		
66	47.7	30.8	46.2#
65	25.1	16.0	24.0#





#7

Phenol-d6

Concen: 36.686 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampled :

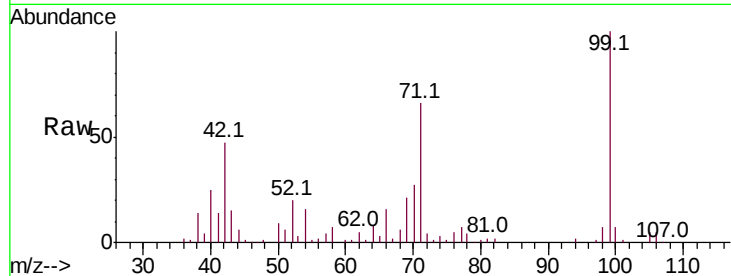
SSTDICCC040

Tot Ion: 99 Resp: 130940

Ion	Ratio	Lower	Upper
99	100		
42	46.8	11.0	16.4#
71	66.3	23.4	35.2#

Manual Integrations
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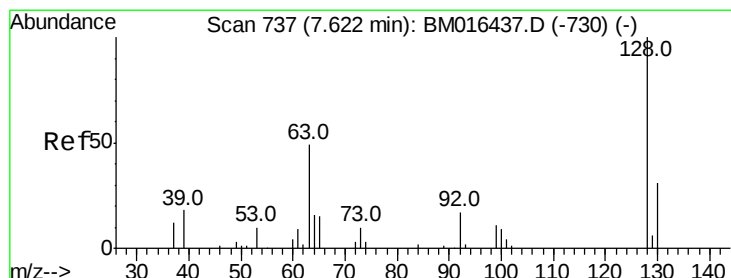
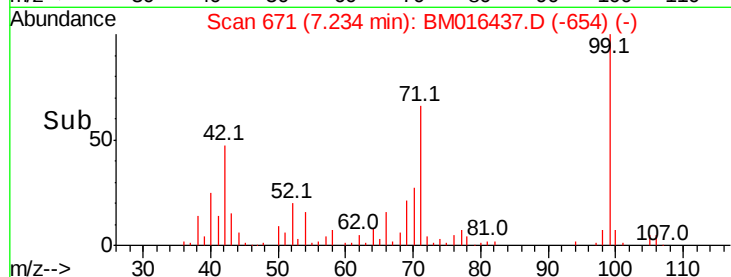
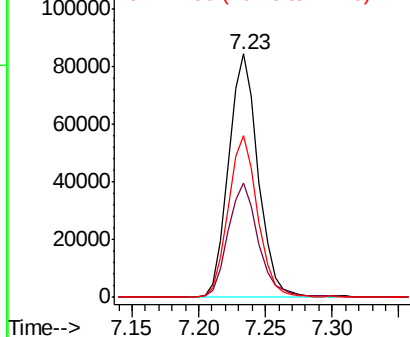


Abundance

Ion 99.00 (98.70 to 99.70): BM016437.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM016437.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM016437.D (-664) (-)



#8

2-Chlorophenol

Concen: 40.229 ng

RT: 7.62 min Scan# 737

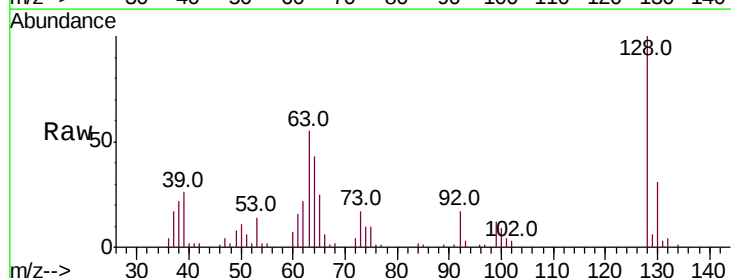
Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion: 128 Resp: 61213

Ion	Ratio	Lower	Upper
128	100		
130	31.3	12.0	52.0
64	43.2	24.9	64.9

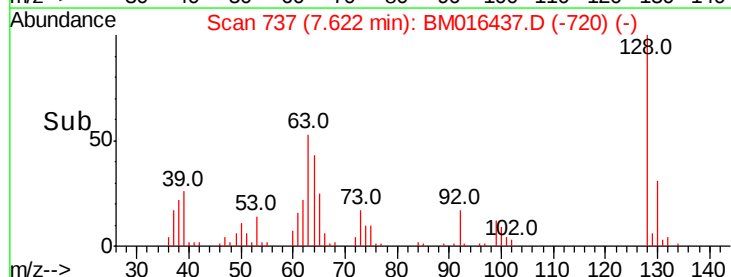
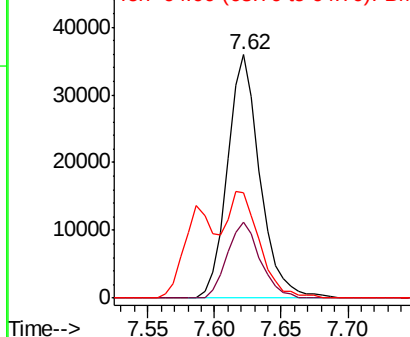


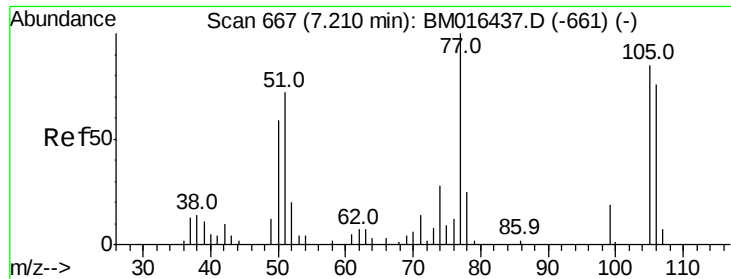
Abundance

Ion 128.00 (127.70 to 128.70): BM016437.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016437.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016437.D (-730) (-)





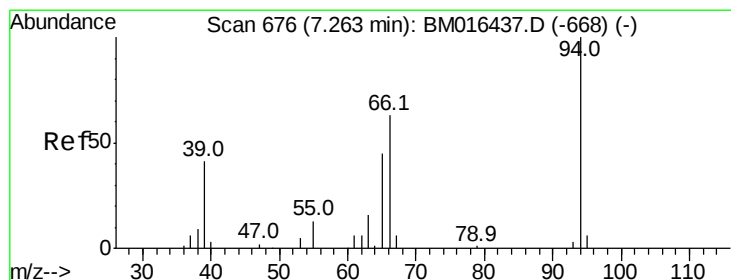
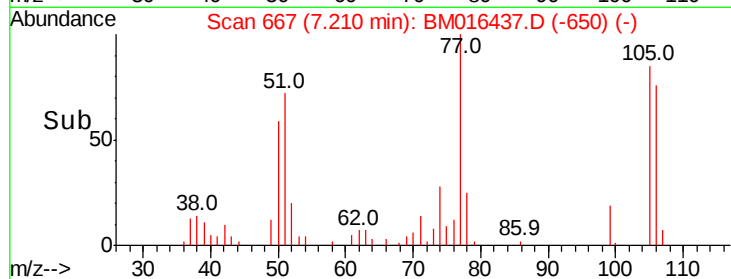
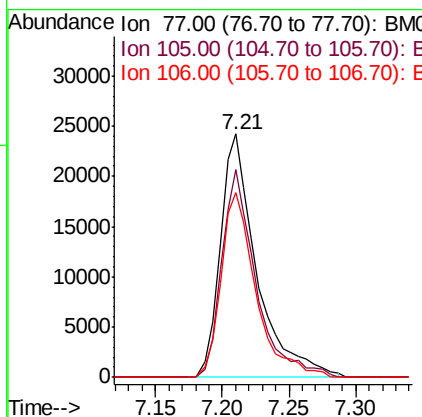
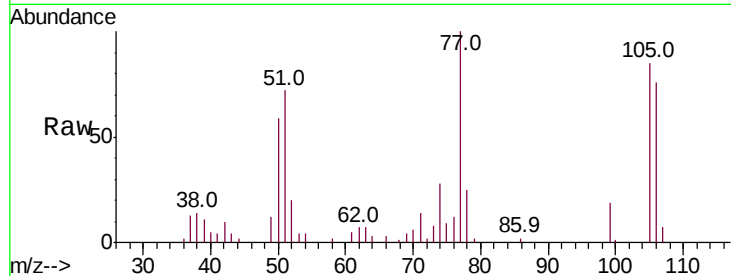
#9
Benzaldehyde
Concen: 39.203 ng
RT: 7.21 min Scan# 667
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion: 77 Resp: 46052
Ion Ratio Lower Upper
77 100
105 85.4 78.8 118.8
106 76.0 73.7 113.7

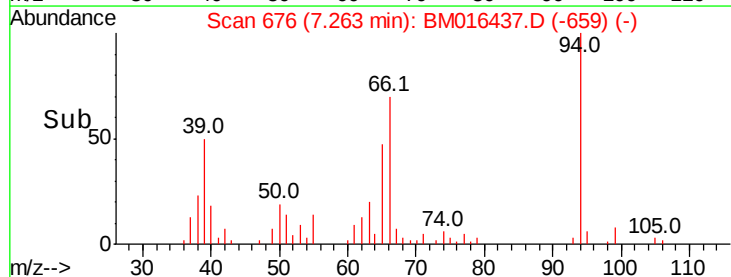
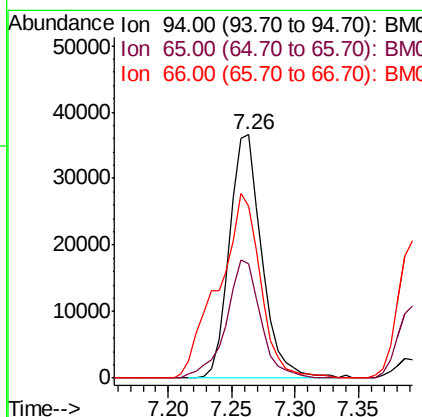
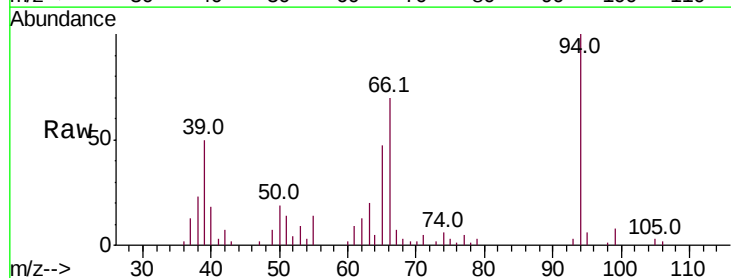
Manual Integrations
APPROVED

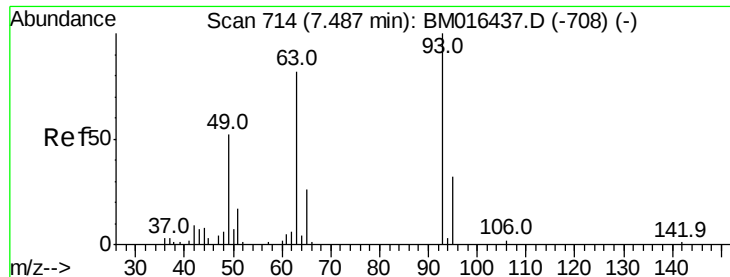
Sohil
8/20/2018 4:17:05 PM



#10
Phenol
Concen: 38.553 ng
RT: 7.26 min Scan# 676
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion: 94 Resp: 64455
Ion Ratio Lower Upper
94 100
65 47.0 18.8 58.8
66 70.4 39.9 79.9





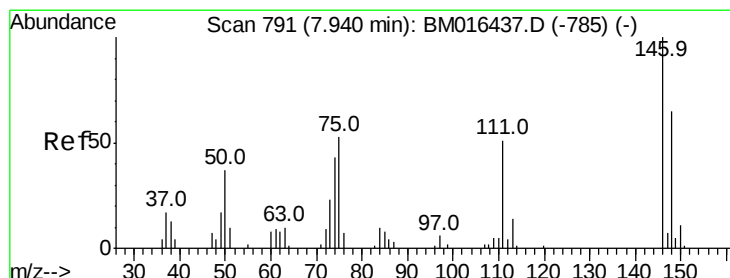
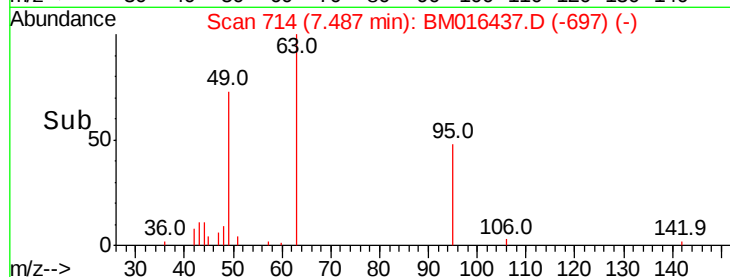
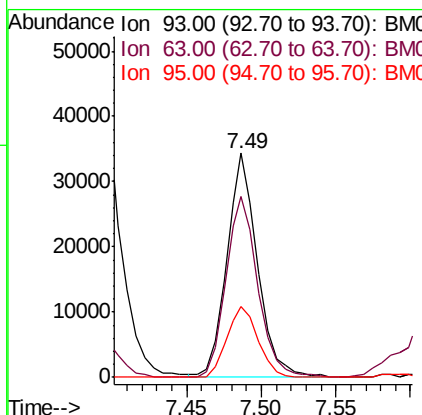
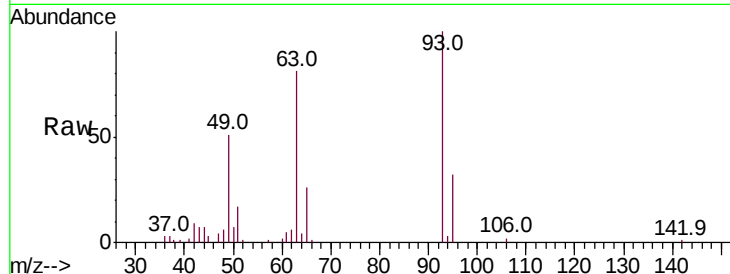
#11
bis(2-Chloroethyl)ether
Concen: 37.322 ng
RT: 7.49 min Scan# 714
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion:	93	Resp:	49293
Ion Ratio	Lower	Upper	
93	100		
63	80.9	49.5	89.5
95	31.8	13.5	53.5

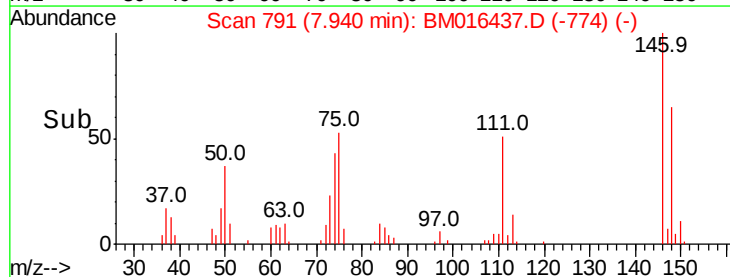
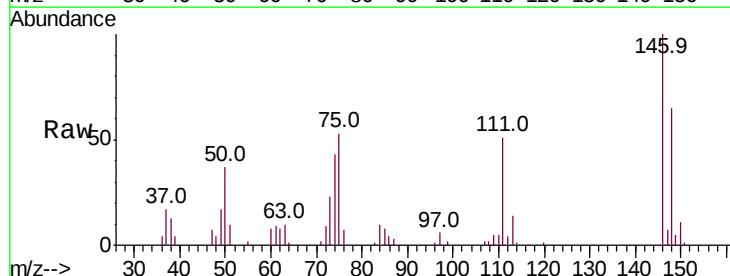
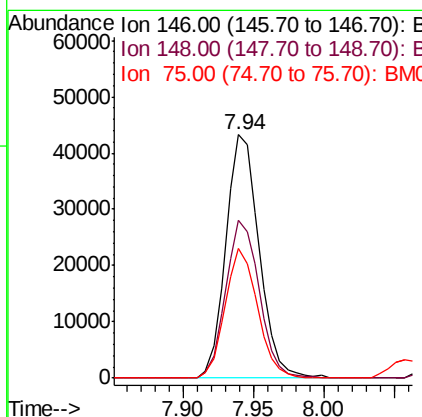
Manual Integrations
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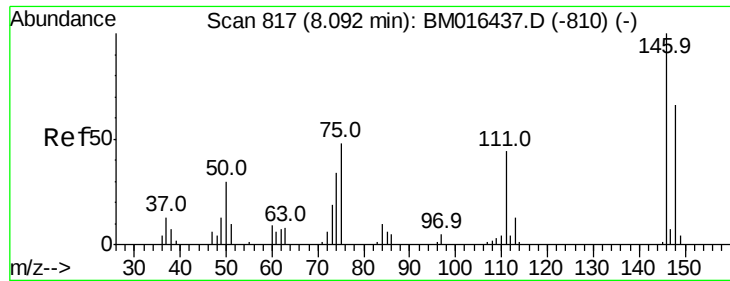
Sohil
8/20/2018 4:17:05 PM



#12
1,3-Dichlorobenzene
Concen: 39.839 ng
RT: 7.94 min Scan# 791
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion:	146	Resp:	70956
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.9	76.3
75	53.2	21.4	32.2





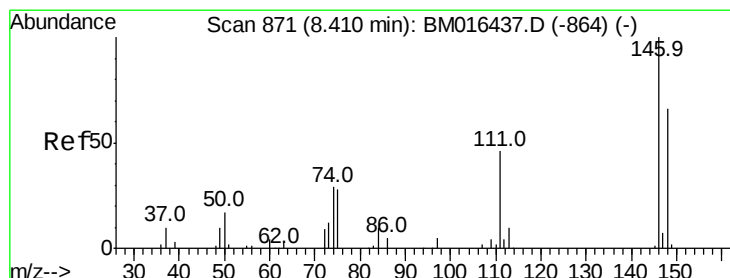
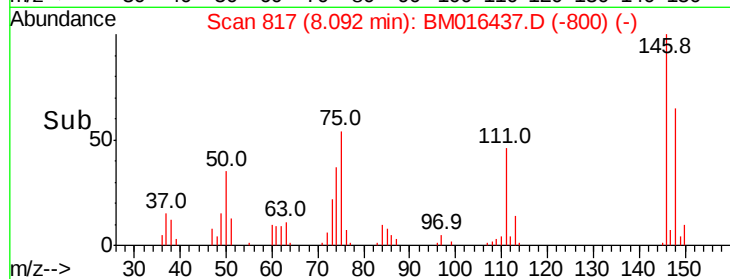
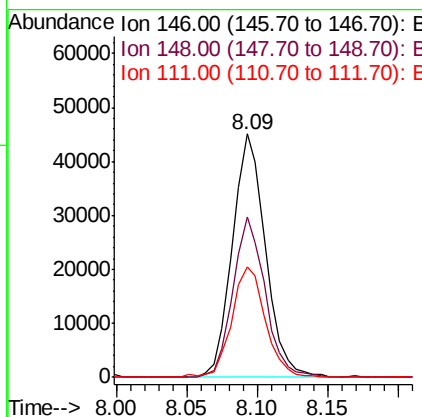
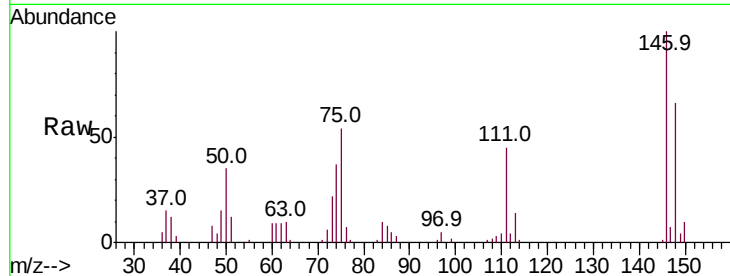
#13
 1,4-Dichlorobenzene
 Concen: 40.760 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.9	77.9
111	45.2	29.2	43.8#

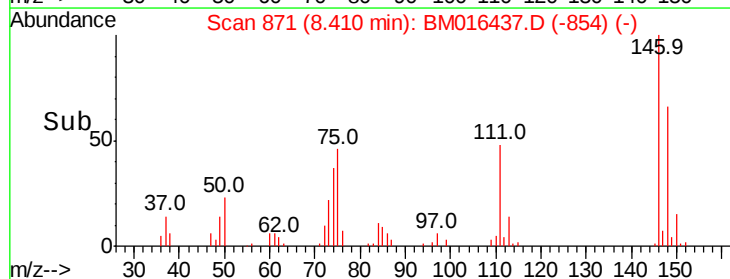
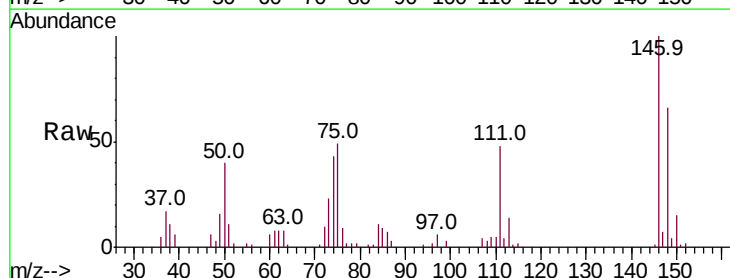
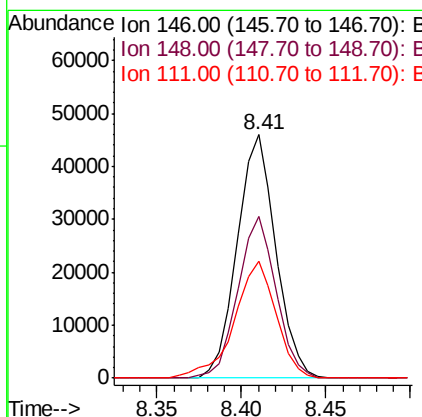
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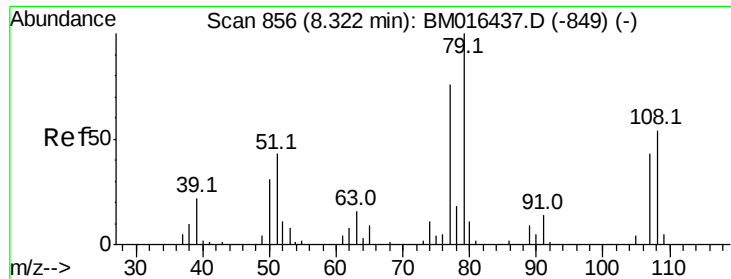
Sohil
 8/20/2018 4:17:05 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.308 ng
 RT: 8.41 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.3	78.5
111	48.0	30.6	45.8#





#15

Benzyl Alcohol

Concen: 45.011 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampled :

SSTDICCC040

Tot Ion: 79 Resp: 59924

Ion Ratio Lower Upper

79 100

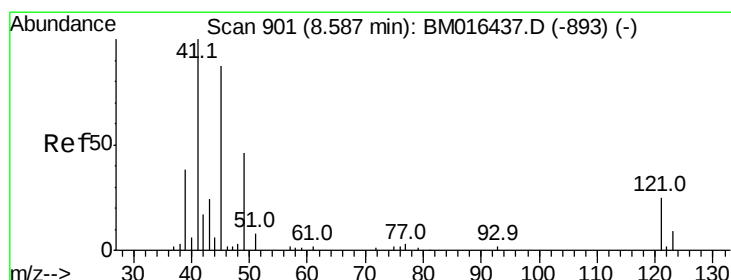
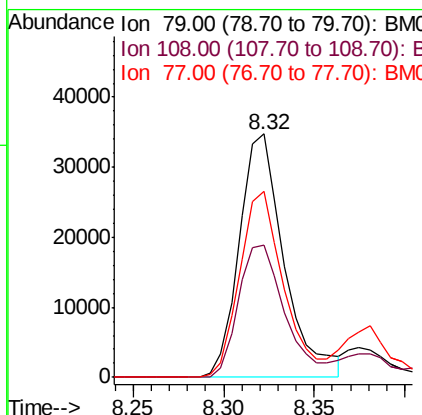
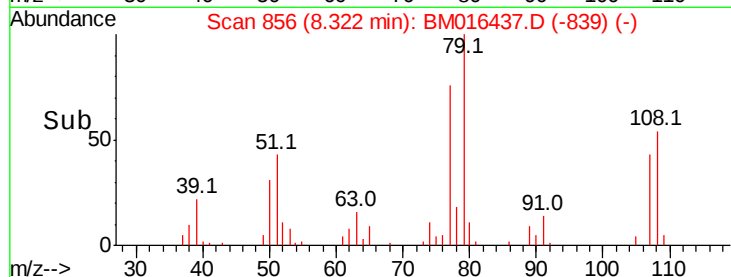
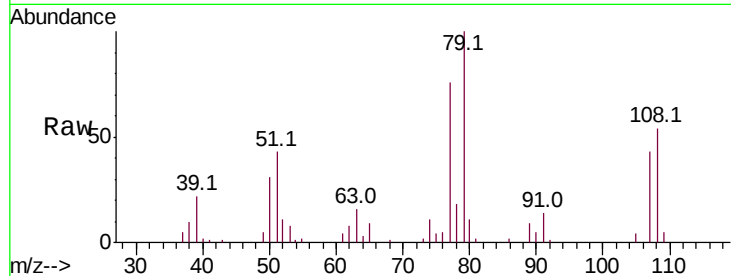
108 54.5 65.0 97.4#

77 76.2 53.0 79.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.615 ng

RT: 8.59 min Scan# 901

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

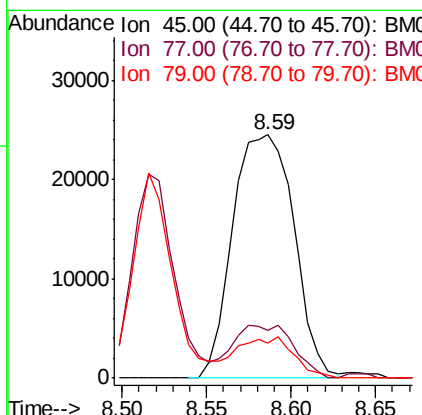
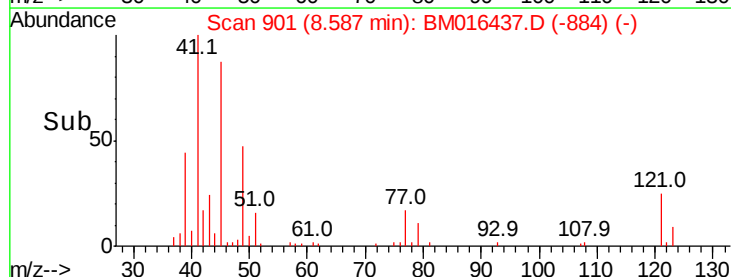
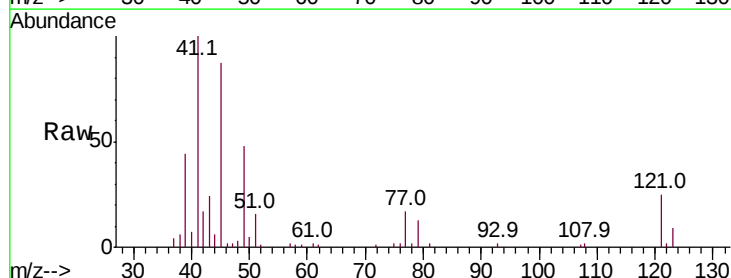
Tgt Ion: 45 Resp: 61885

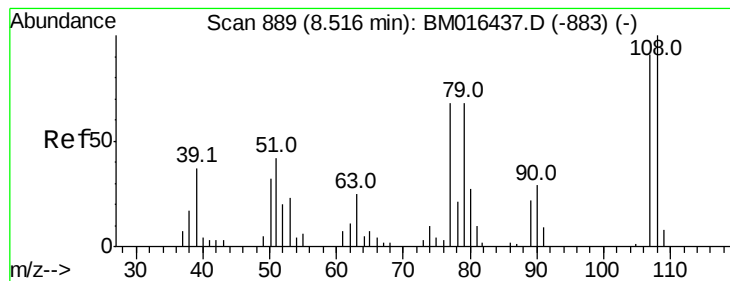
Ion Ratio Lower Upper

45 100

77 19.6 0.0 35.2

79 14.4 0.0 32.0





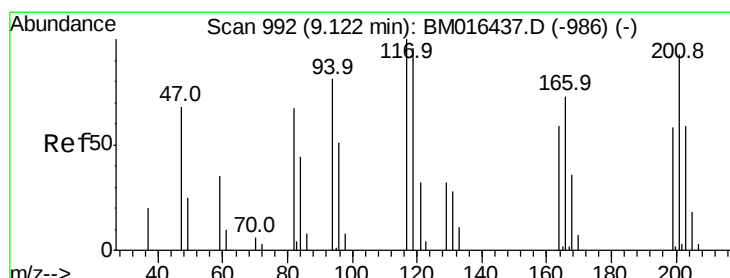
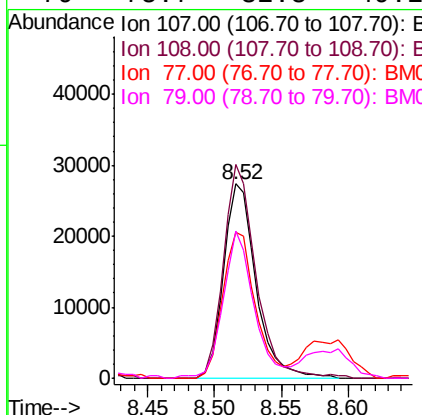
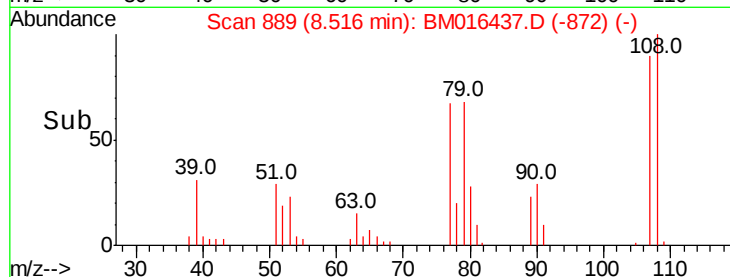
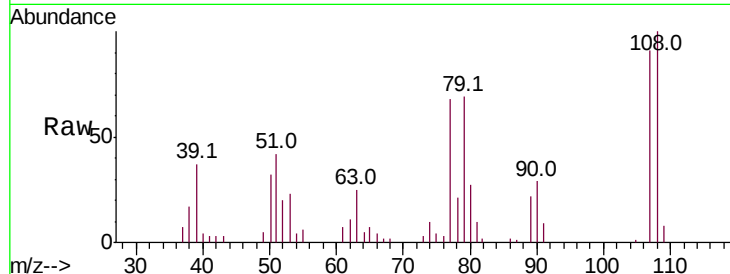
#17
2-Methylphenol
Concen: 41.115 ng
RT: 8.52 min Scan# 889
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.9	89.8	134.8
77	75.3	32.6	48.8
79	75.7	32.8	49.2

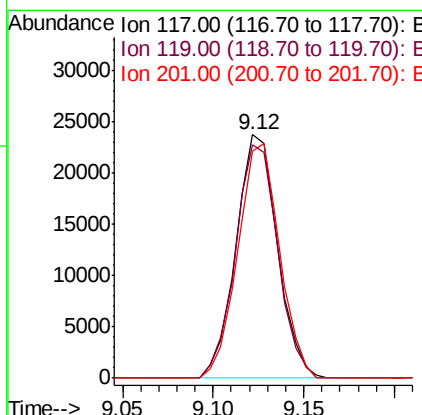
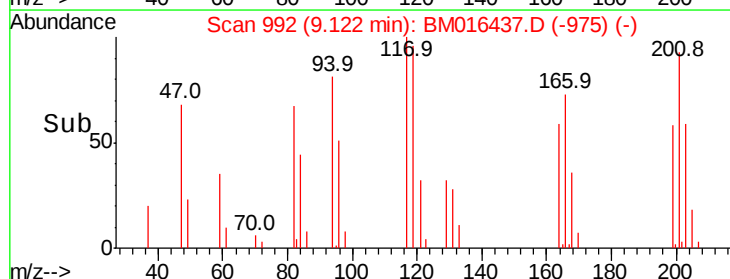
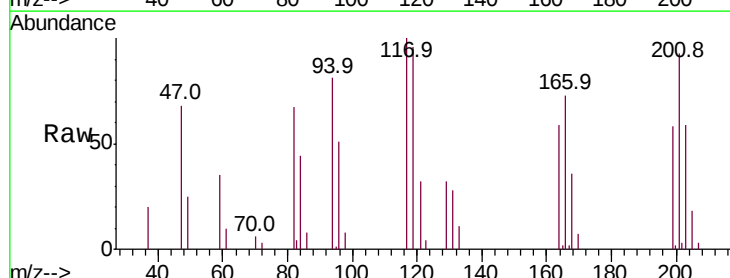
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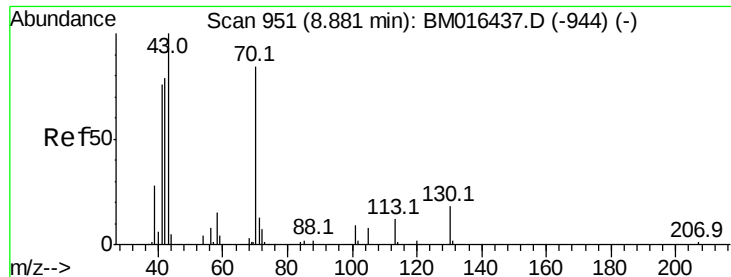
Sohil
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#18
Hexachloroethane
Concen: 48.345 ng
RT: 9.12 min Scan# 992
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	79.2	118.8
201	93.3	69.8	104.6





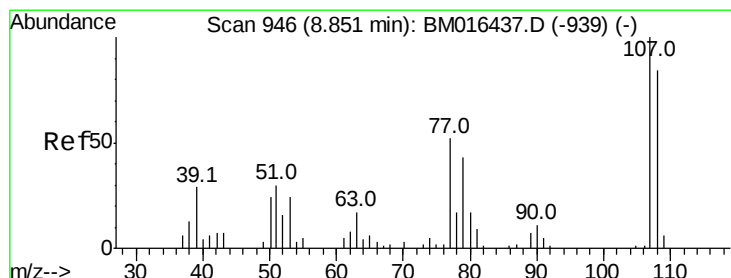
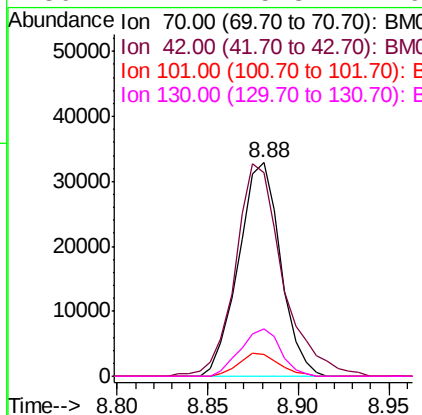
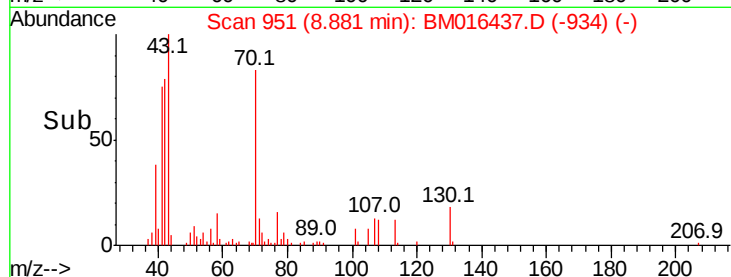
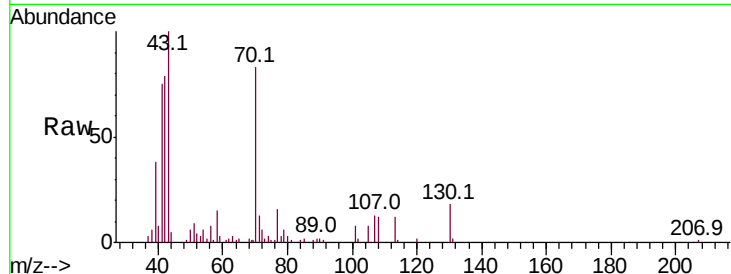
#19
n-Nitroso-di-n-propylamine
Concen: 43.328 ng
RT: 8.88 min Scan# 951
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	95.5	44.5	66.7#
101	10.2	7.4	11.2
130	22.1	15.3	22.9

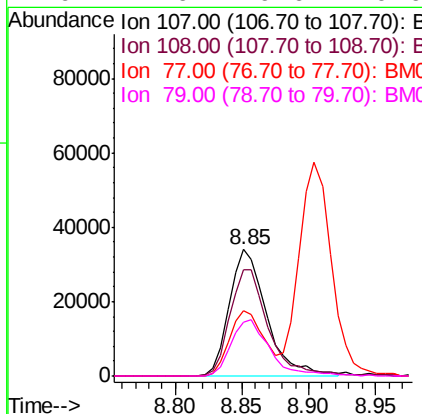
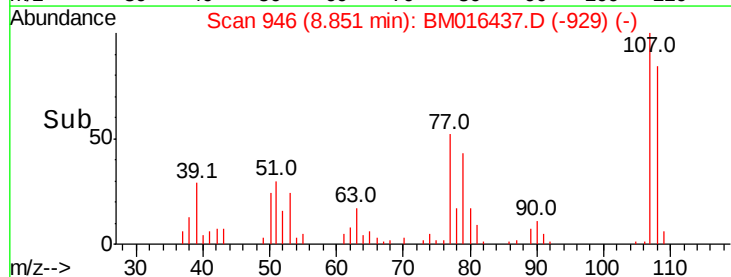
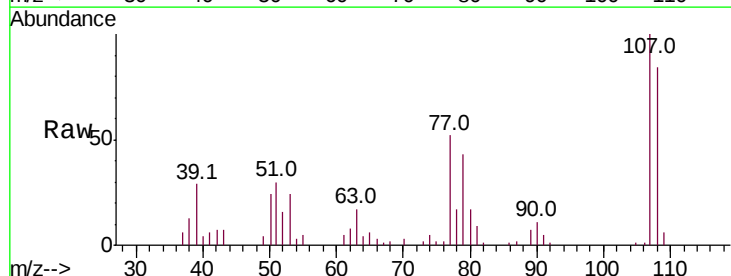
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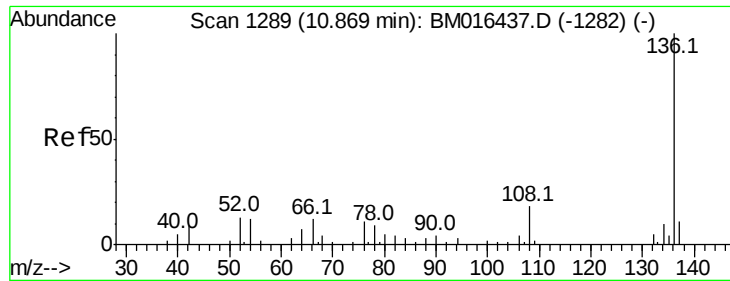
Sohil
8/20/2018 4:17:05 PM



#20
3+4-Methylphenols
Concen: 40.230 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.4	73.2	113.2
77	51.9	10.7	50.7#
79	42.6	9.6	49.6





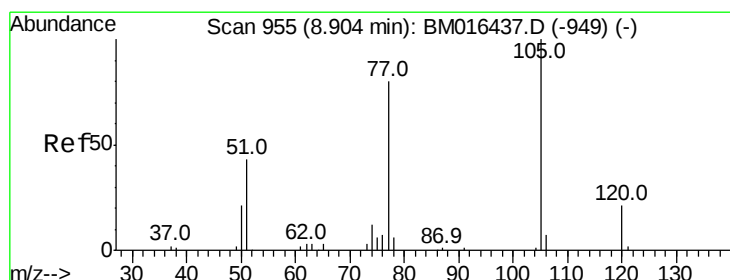
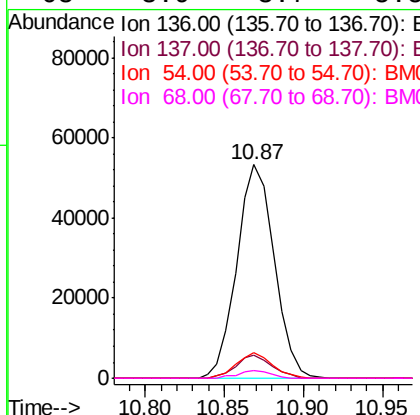
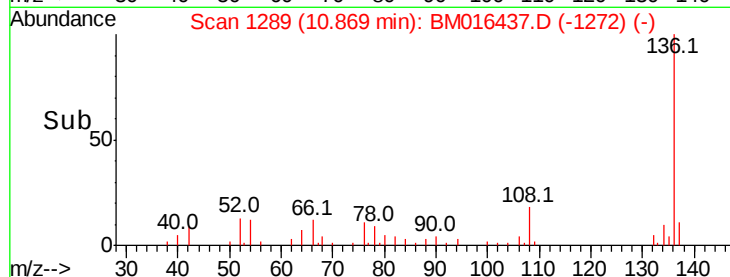
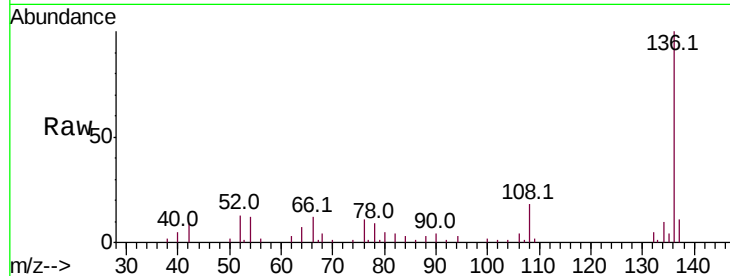
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	87633		
137	10.8		8.7	13.1
54	12.1		4.6	6.8#
68	3.9		3.7	5.5

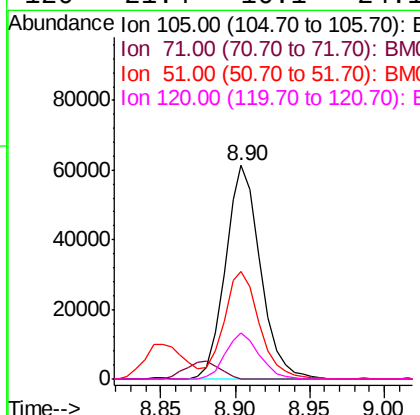
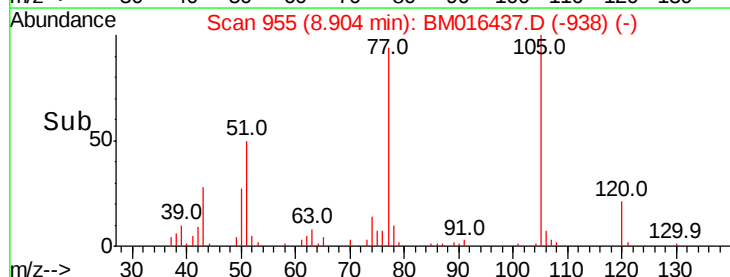
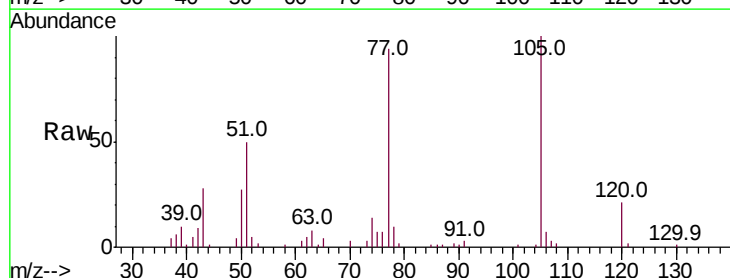
Manual Integrations
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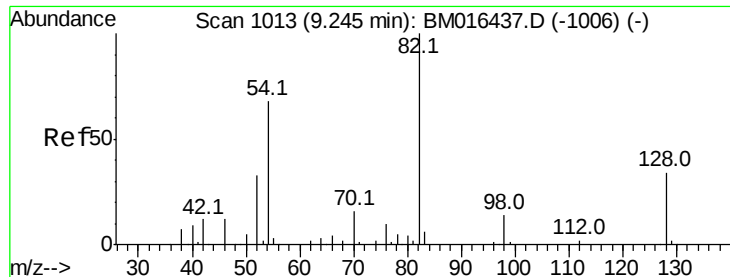
Sohil
8/20/2018 4:17:05 PM



#22
Acetophenone
Concen: 45.345 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	100059		
71	0.0		0.6	1.0#
51	50.4		21.6	32.4#
120	21.4		16.1	24.1





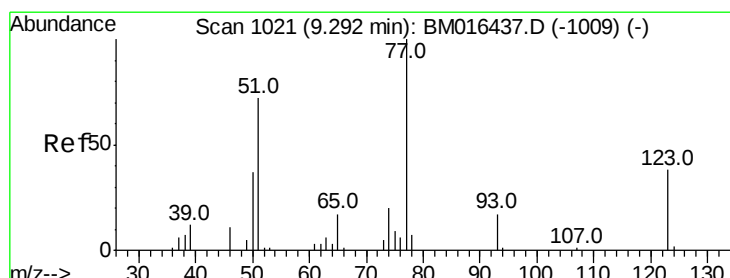
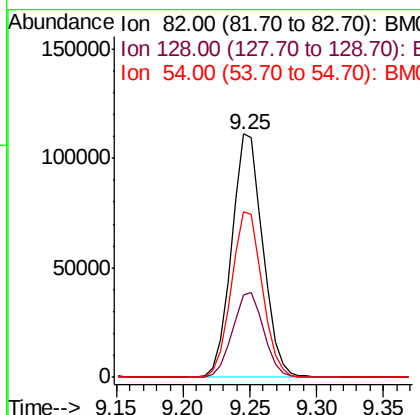
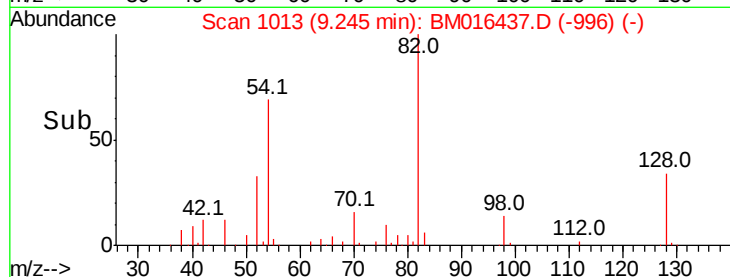
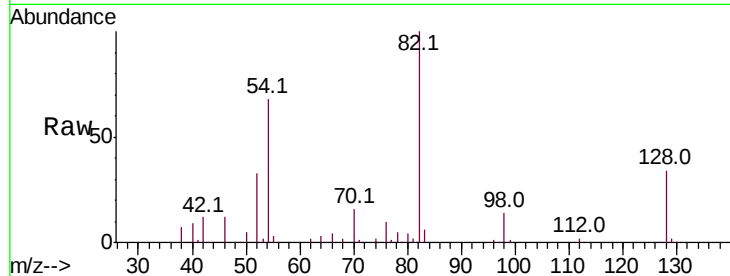
#23
 Nitrobenzene-d5
 Concen: 45.345 ng
 RT: 9.25 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleID :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.7	32.8	49.2	
54	67.8	40.6	60.8	

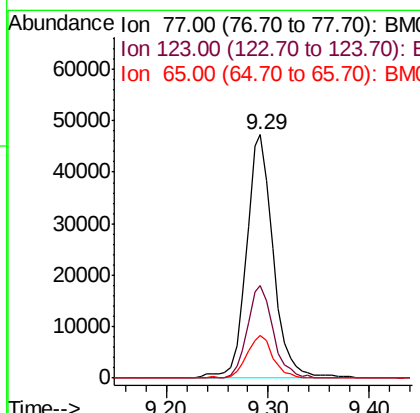
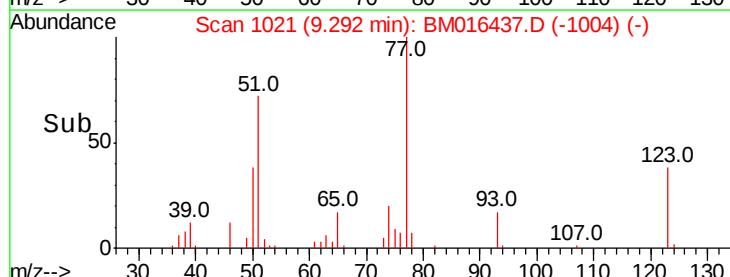
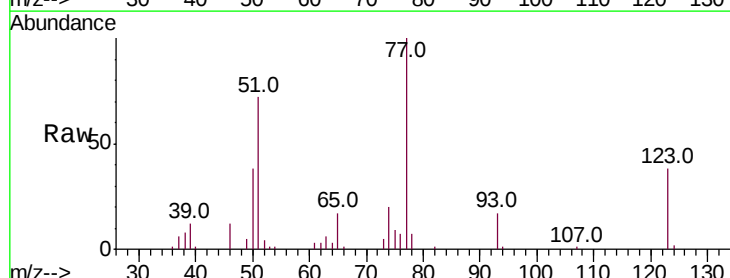
Manual Integrations
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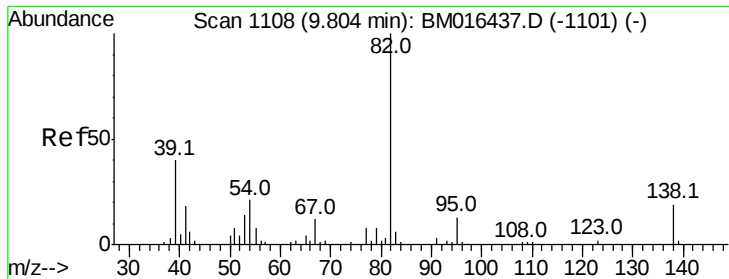
Sohil
 8/20/2018 4:17:05 PM



#24
 Nitrobenzene
 Concen: 45.616 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	37.8	32.6	49.0	
65	17.3	10.9	16.3	





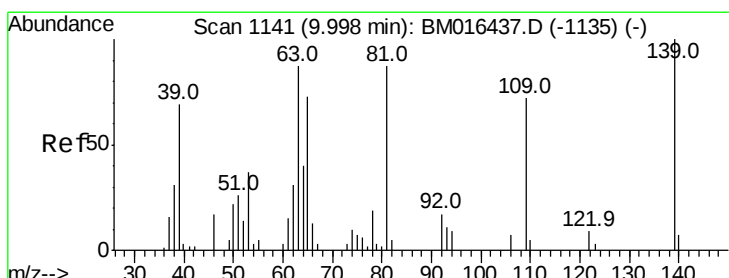
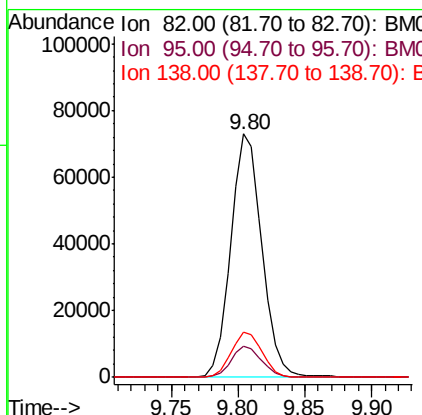
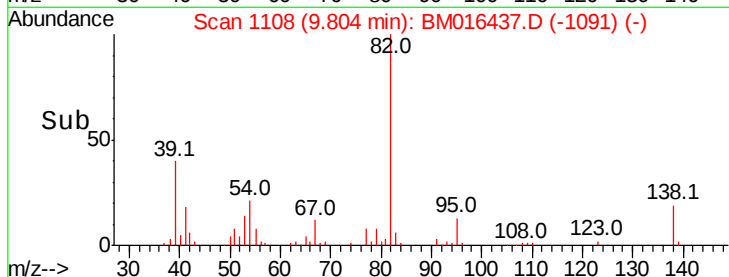
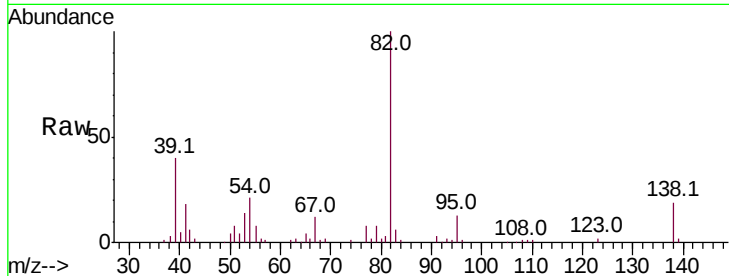
#25
Isophorone
Concen: 46.041 ng
RT: 9.80 min Scan# 1108
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	12.8	5.8	8.6#	
138	18.7	16.3	24.5	

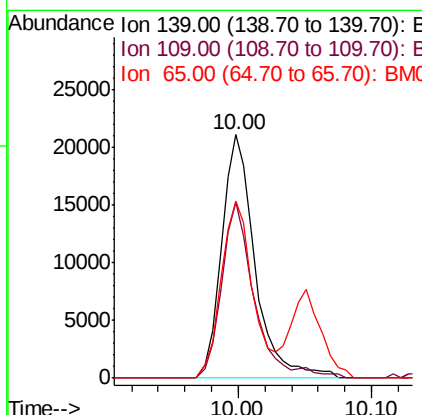
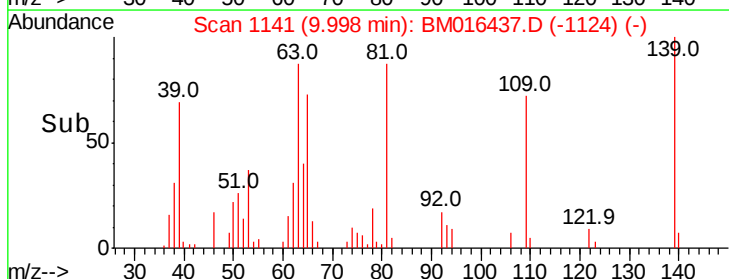
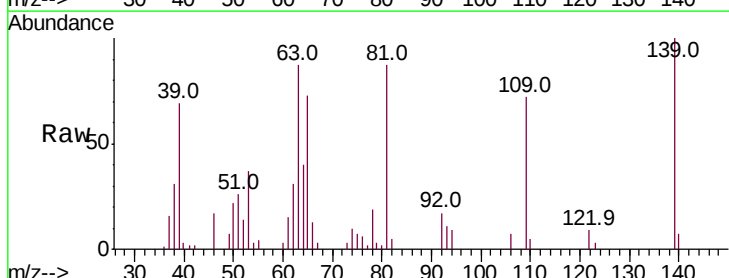
Manual Integrations
APPROVED

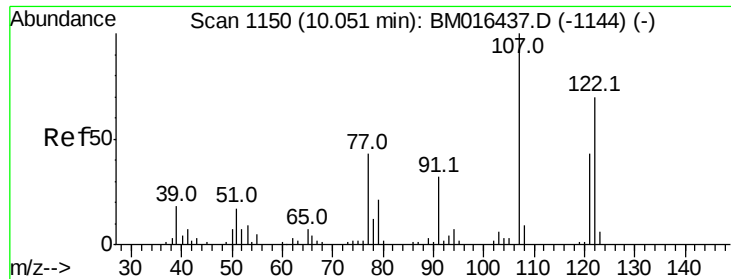
Sohil
8/20/2018 4:17:05 PM



#26
2-Nitrophenol
Concen: 46.666 ng
RT: 10.00 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.1	20.1	30.1#	
65	72.6	31.5	47.3#	





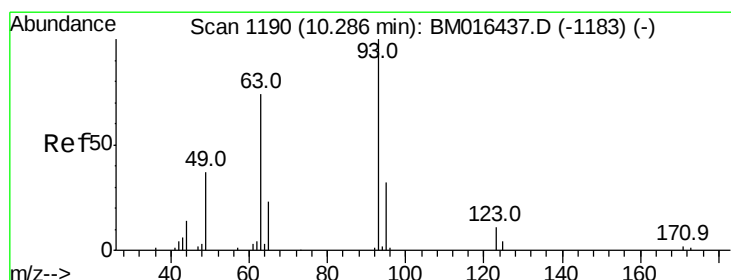
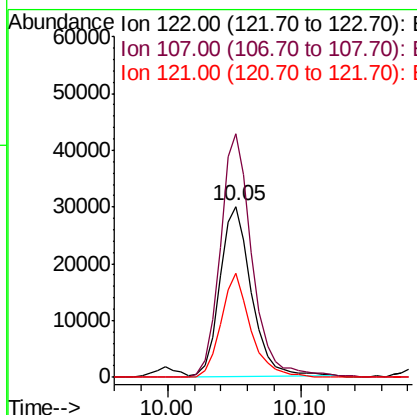
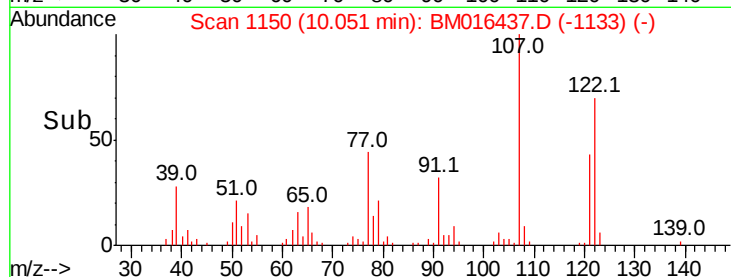
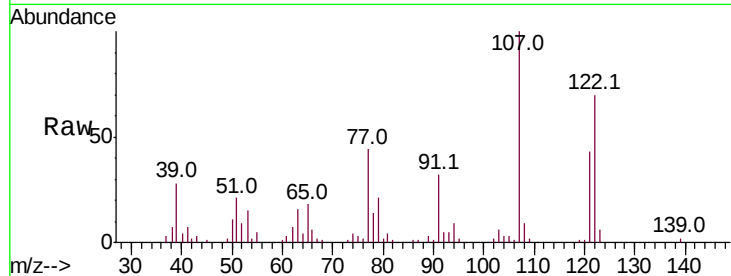
#27
 2,4-Dimethylphenol
 Concen: 44.742 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	142.4	84.7	127.1#
121	60.7	46.6	69.8

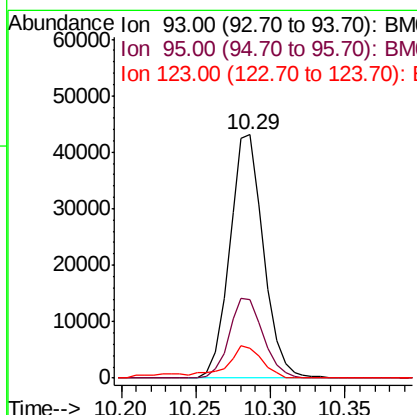
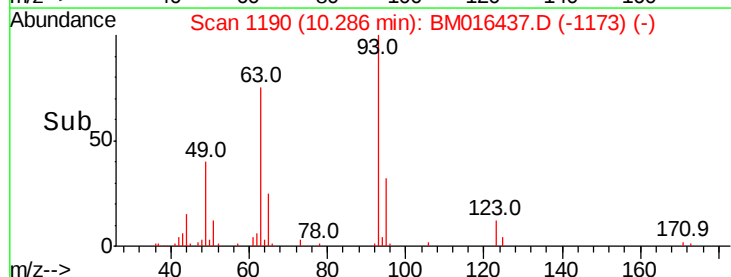
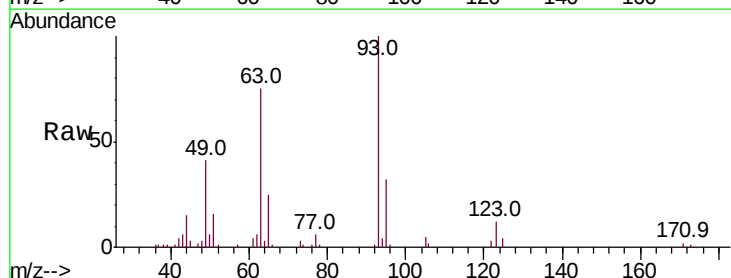
Manual Integrations
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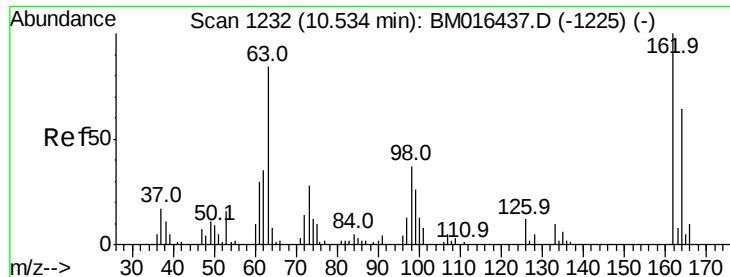
Sohil
 8/20/2018 4:17:05 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.519 ng
 RT: 10.29 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	12.0	8.6	13.0





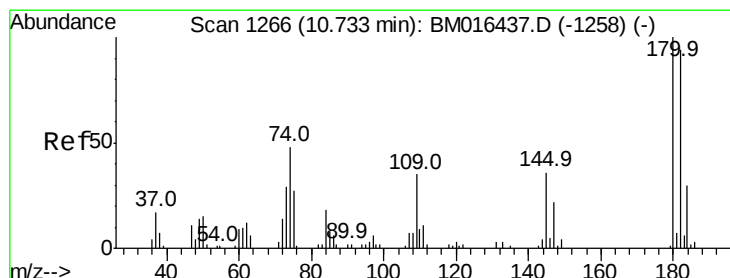
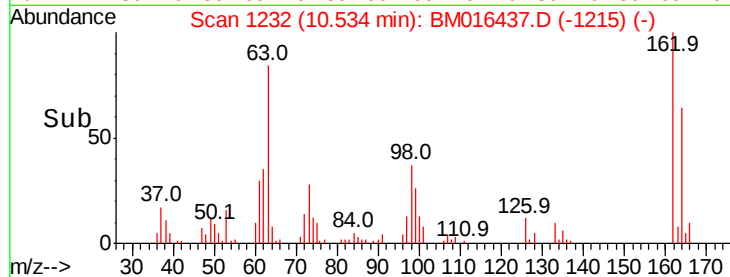
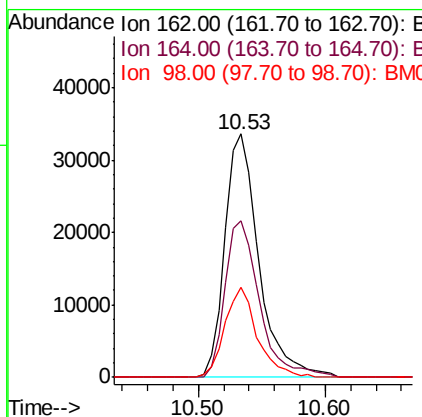
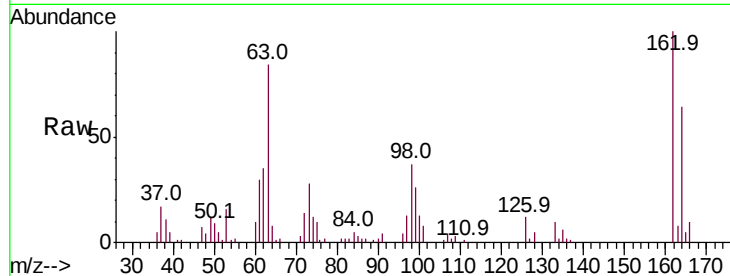
#29
 2,4-Dichlorophenol
 Concen: 47.650 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion:	162	Resp:	62453
Ion Ratio	Lower	Upper	
162	100		
164	64.2	42.8	82.8
98	37.2	14.5	54.5

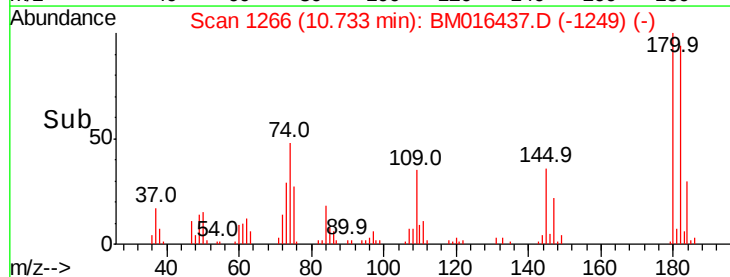
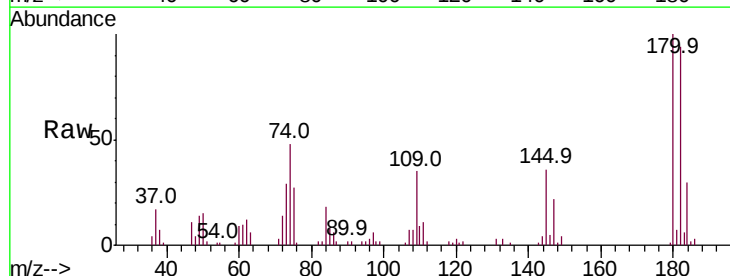
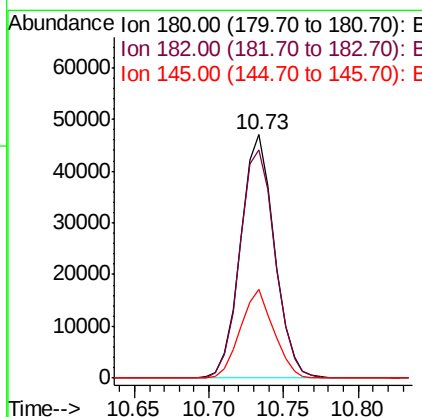
Manual Integrations
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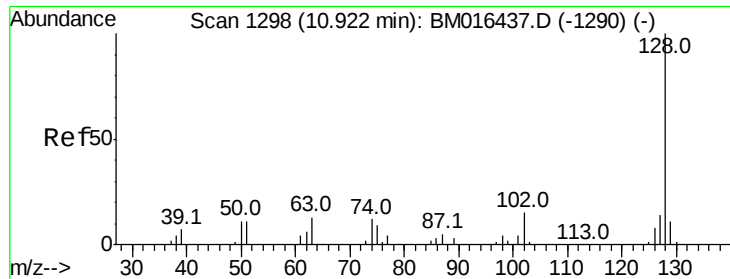
Sohil
 8/20/2018 4:17:05 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.558 ng
 RT: 10.73 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion:	180	Resp:	74142
Ion Ratio	Lower	Upper	
180	100		
182	93.5	77.6	116.4
145	36.3	23.4	35.2#





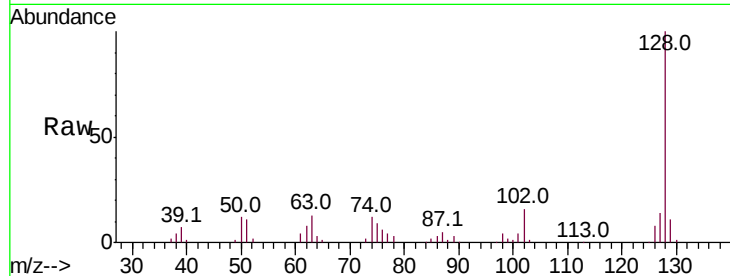
#31
Naphthalene
Concen: 40.251 ng
RT: 10.92 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.8	10.4	15.6

Manual Integrations
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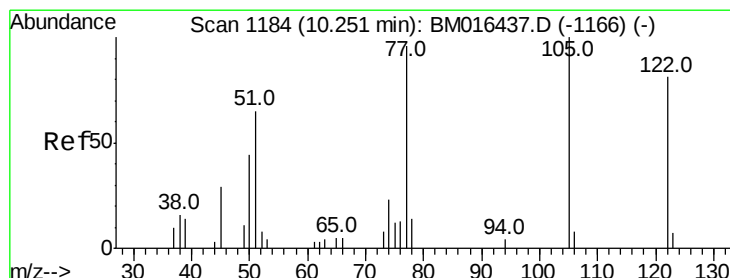
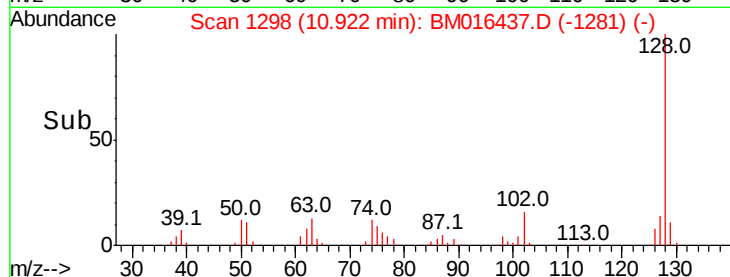
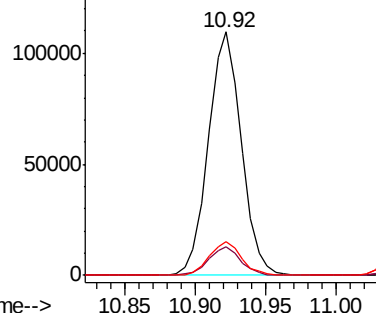


Abundance

Ion 128.00 (127.70 to 128.70): E

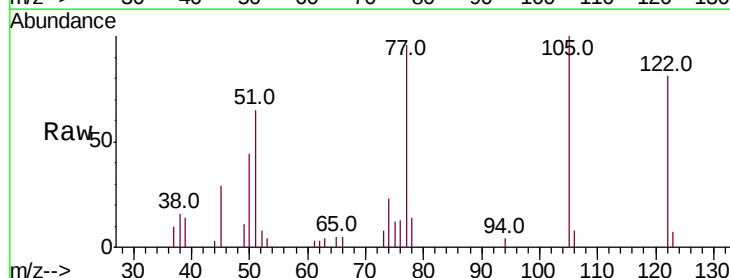
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 47.730 ng
RT: 10.25 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.1	99.9	139.9
77	119.7	73.7	113.7#

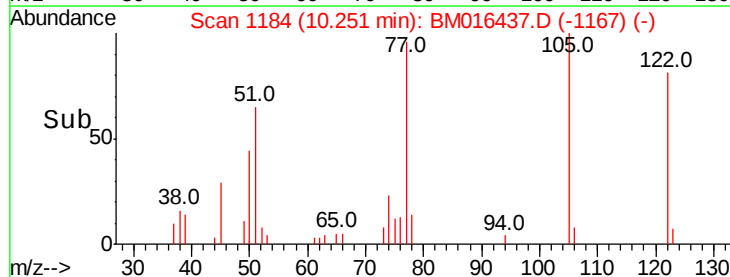
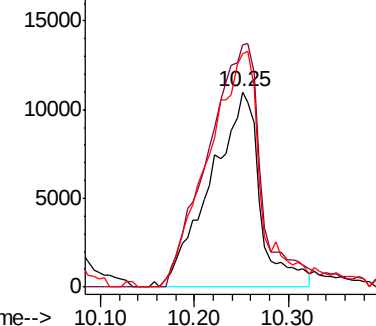


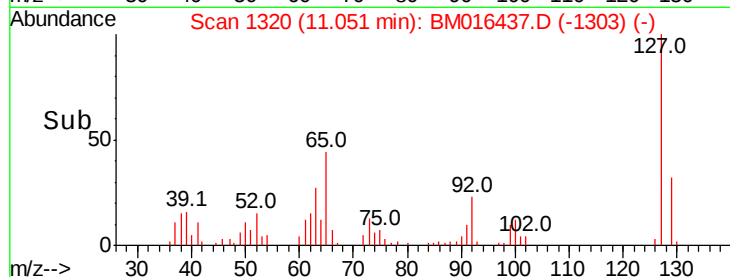
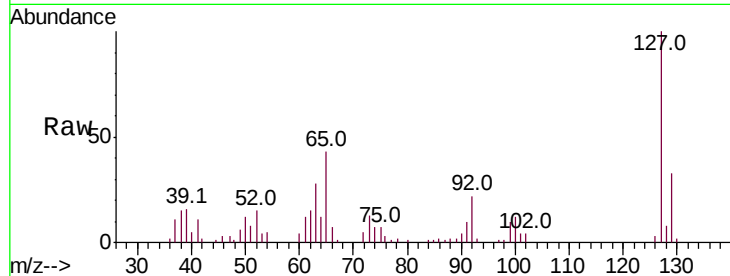
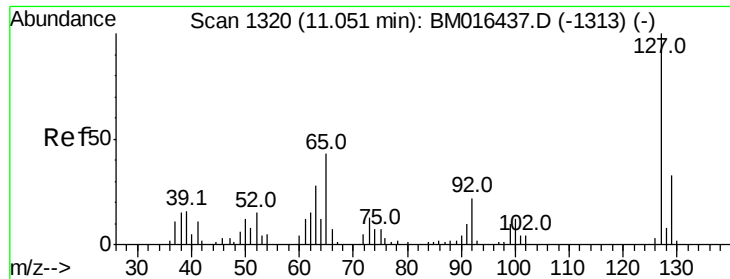
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0





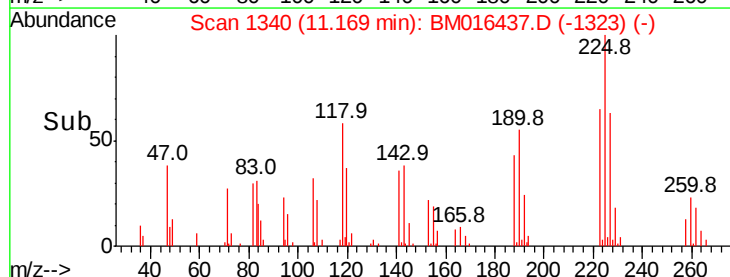
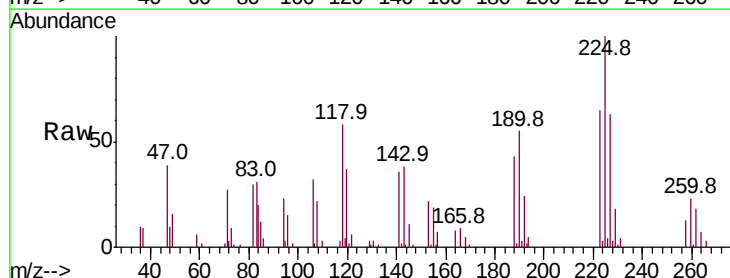
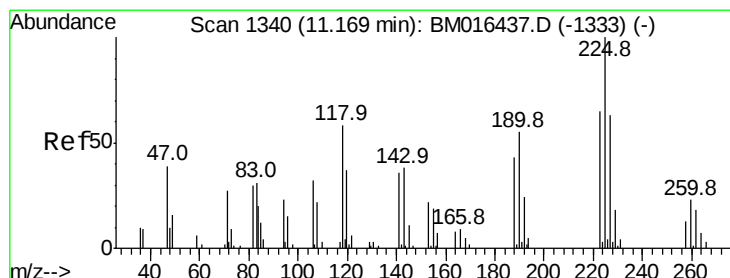
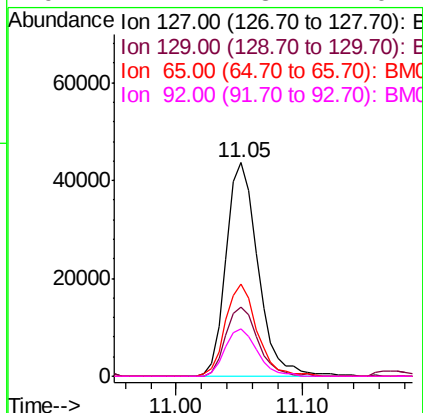
#33
4-Chloroaniline
Concen: 42.156 ng
RT: 11.05 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	25.3	37.9		
65	43.3	17.6	26.4		
92	22.4	13.1	19.7		

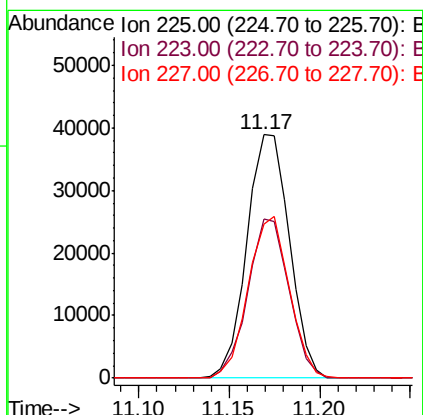
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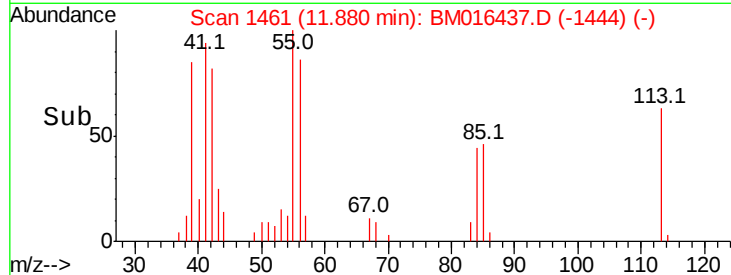
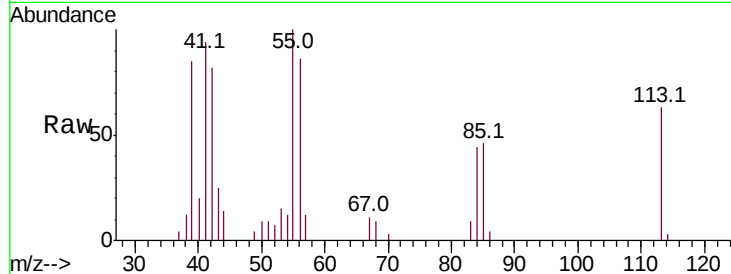
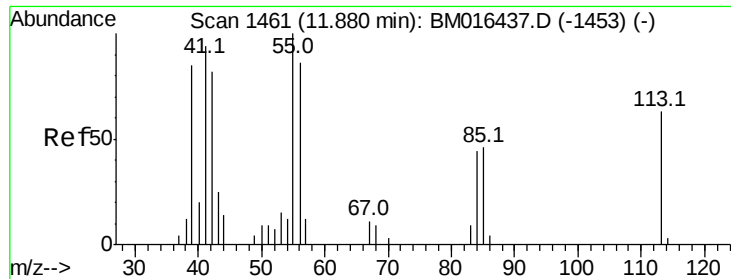
Sohil
8/20/2018 4:17:05 PM



#34
Hexachlorobutadiene
Concen: 57.454 ng
RT: 11.17 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.1	47.9	71.9		
227	63.2	50.1	75.1		





#35

Caprolactam

Concen: 43.999 ng

RT: 11.88 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:113 Resp: 15972

Ion Ratio Lower Upper

113 100

55 157.7 145.9 185.9

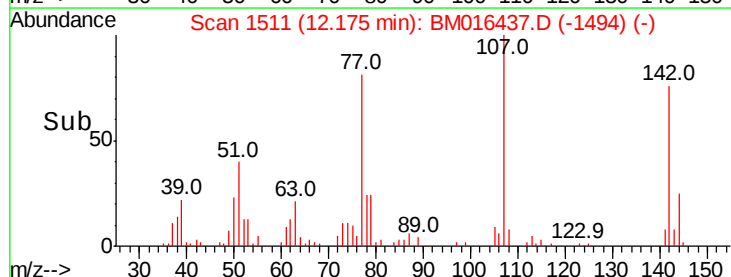
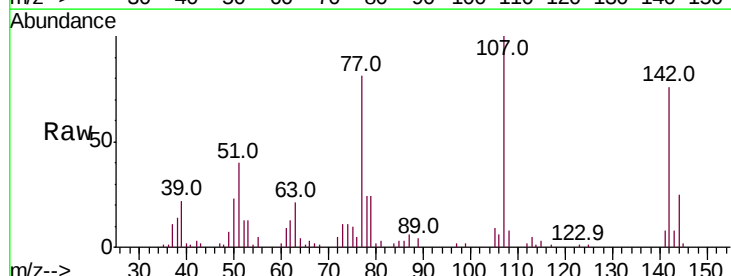
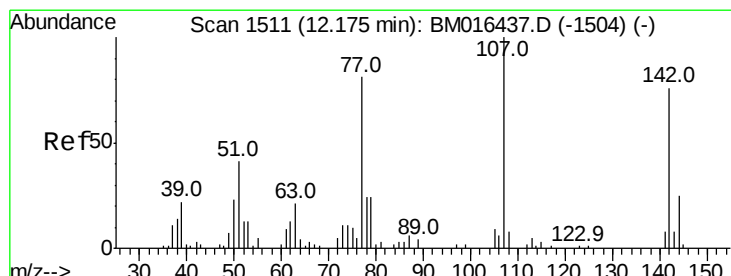
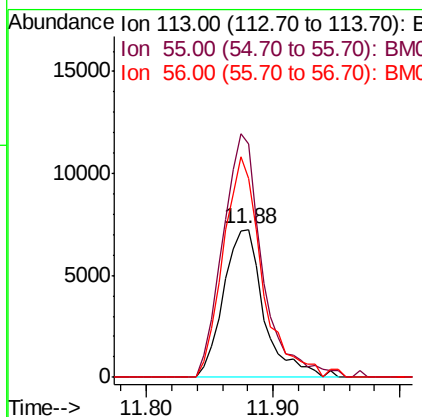
56 135.0 101.0 141.0

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 47.758 ng

RT: 12.17 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

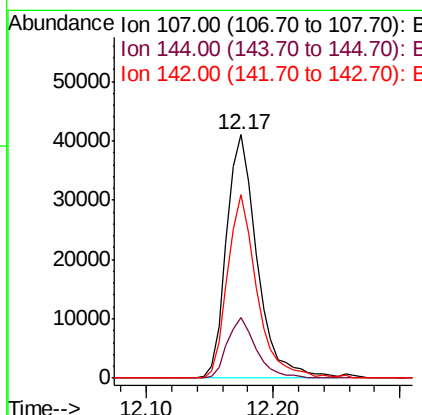
Tgt Ion:107 Resp: 68847

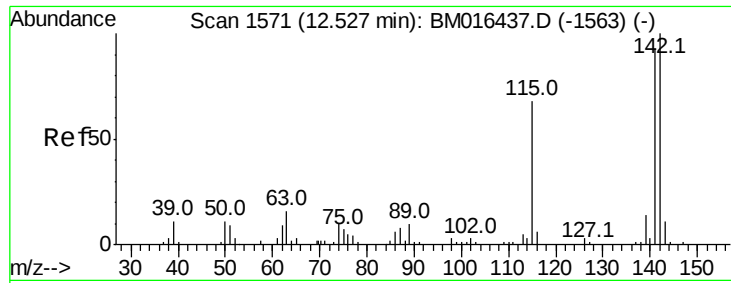
Ion Ratio Lower Upper

107 100

144 25.0 23.3 34.9

142 75.6 72.6 109.0





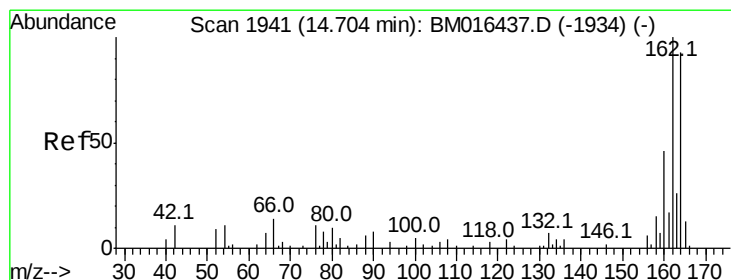
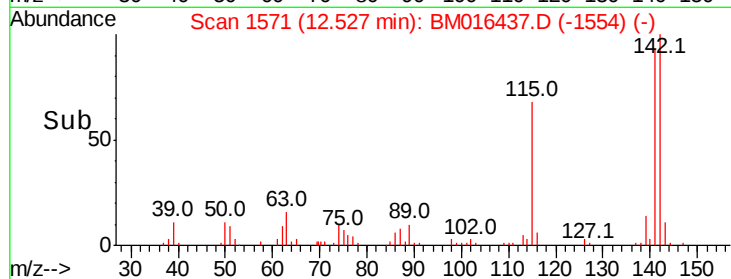
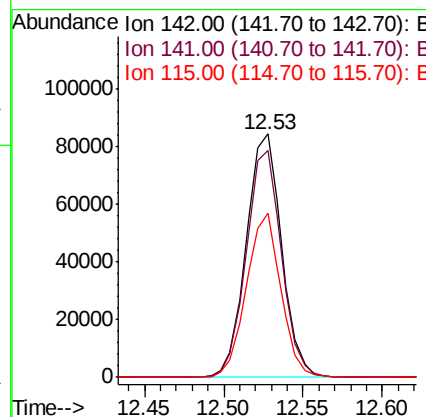
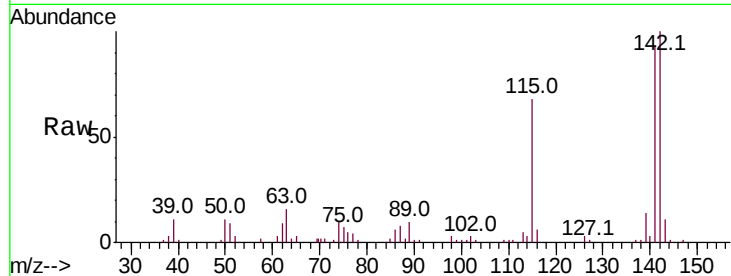
#37
2-Methylnaphthalene
Concen: 43.946 ng
RT: 12.53 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	130565		
141	93.2	71.9	107.9	
115	67.7	25.4	38.0	

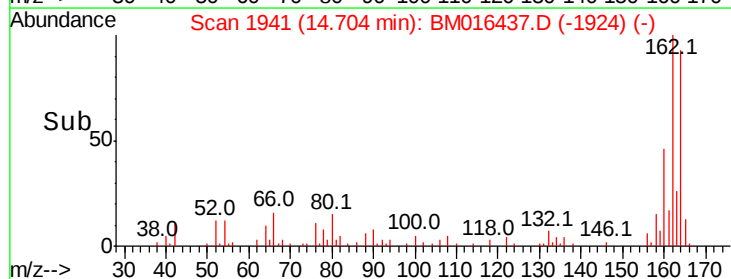
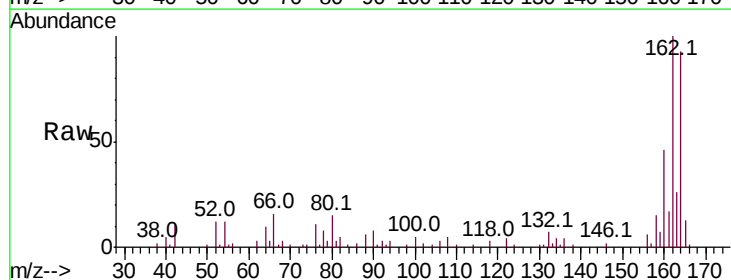
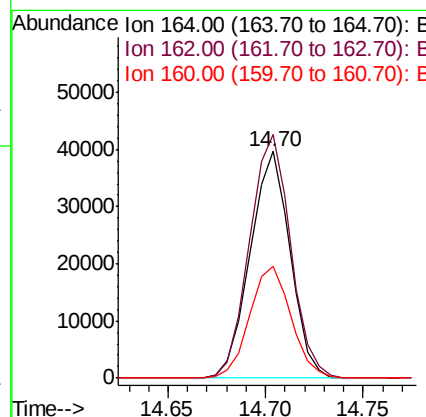
Manual Integrations
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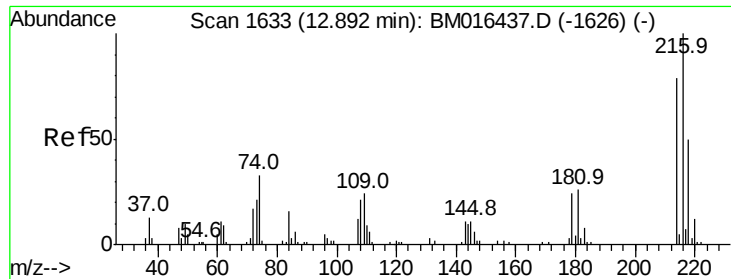
Sohil
8/20/2018 4:17:05 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	56132		
162	107.4	82.4	123.6	
160	49.1	35.8	53.6	





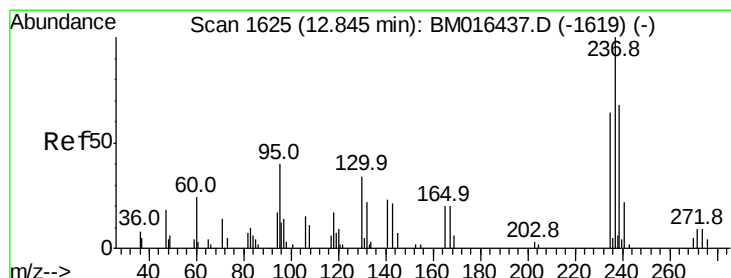
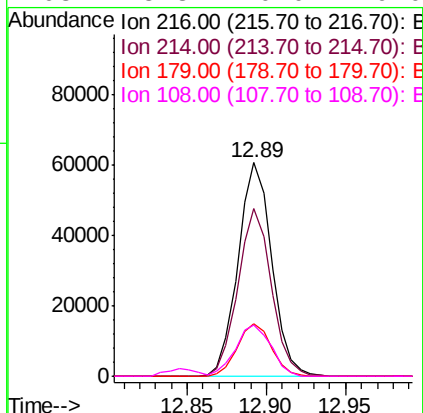
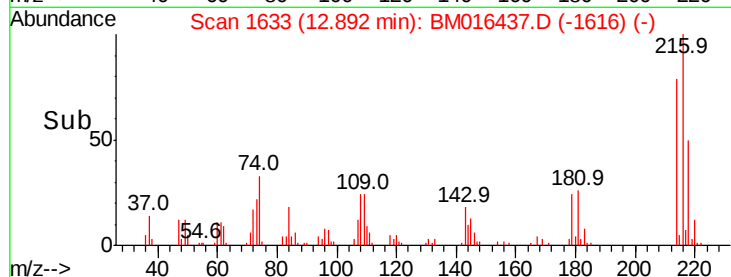
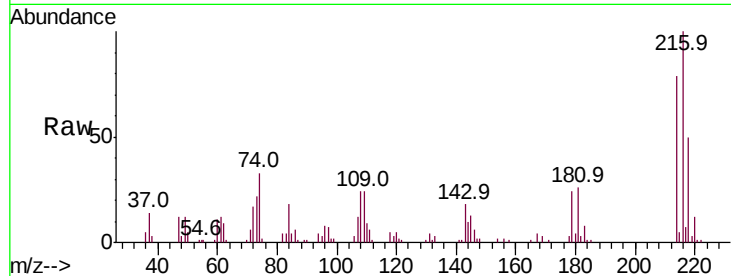
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.862 ng
 RT: 12.89 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.0	0.0	0.0#
179	24.8	0.0	0.0#
108	25.3	0.0	0.0#

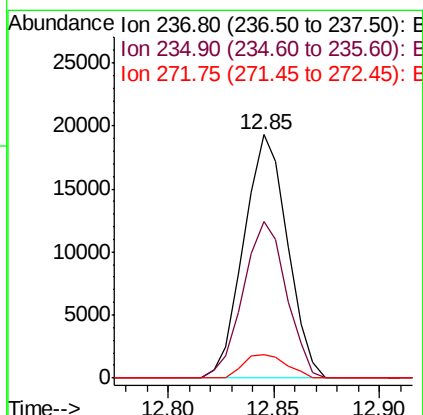
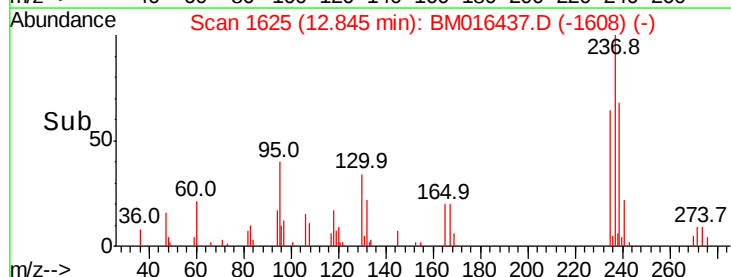
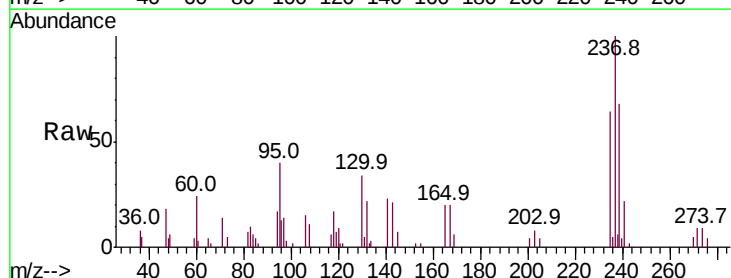
Manual Integrations
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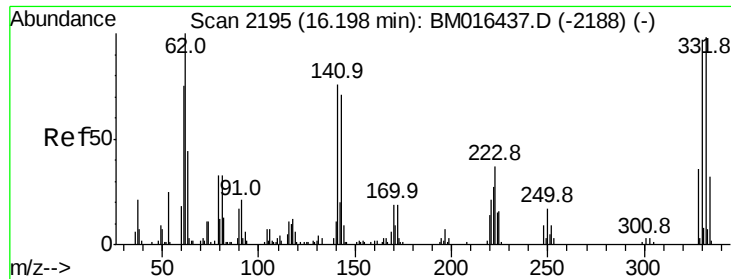
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#40
 Hexachlorocyclopentadiene
 Concen: 35.487 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	42.0	82.0
272	9.4	0.0	33.4





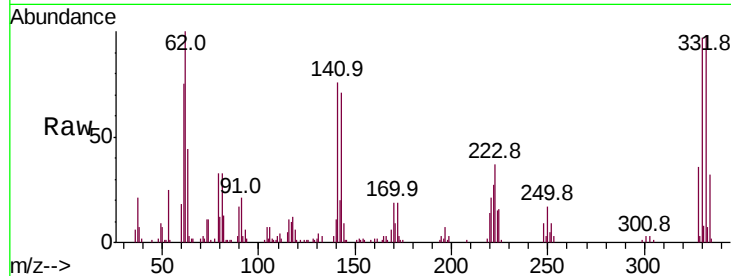
#41
 2,4,6-Tribromophenol
 Concen: 35.487 ng
 RT: 16.20 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.6	0.0	0.0	0.0
141	86.1	0.0	0.0	0.0

Manual Integrations
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 8/20/2018 4:17:05 PM

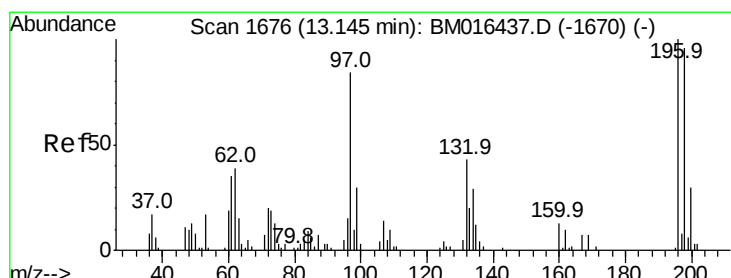
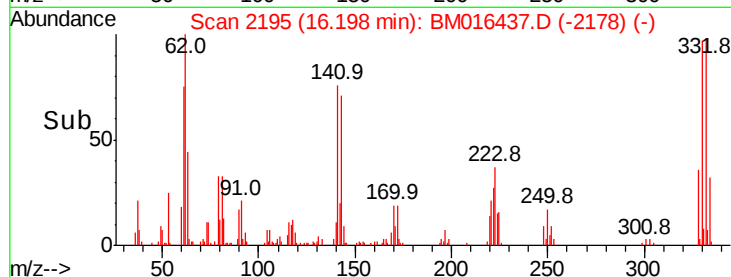
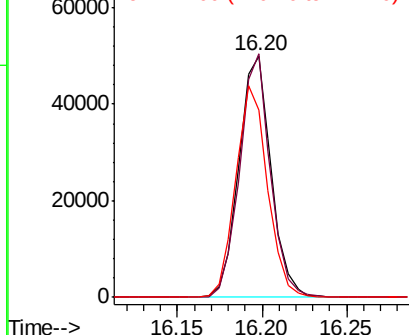


Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 46.098 ng
 RT: 13.15 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

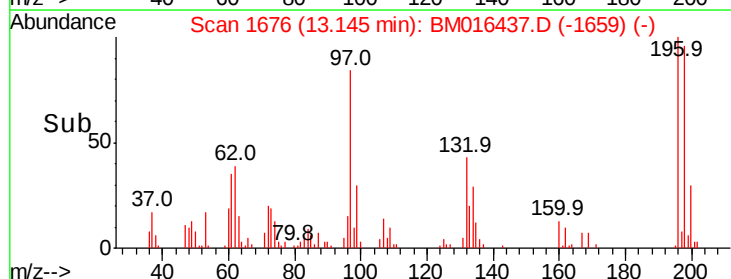
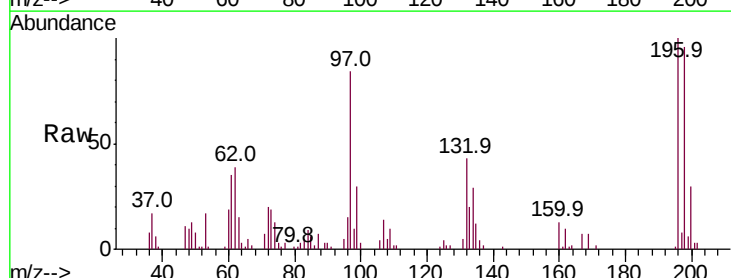
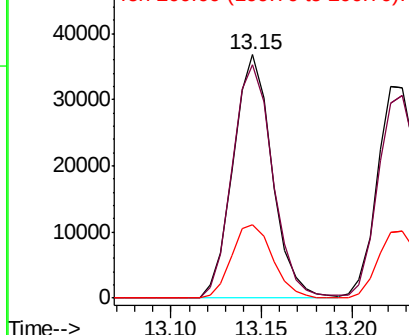
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.7	76.3	114.5	
200	30.4	25.6	38.4	

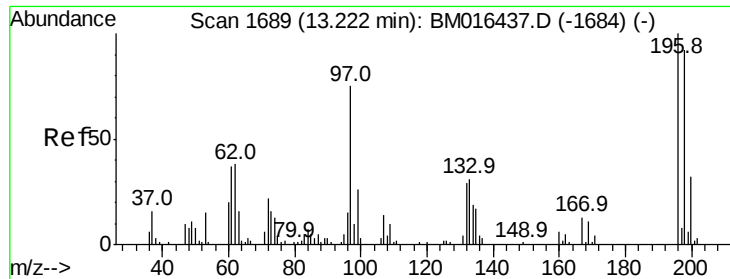
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





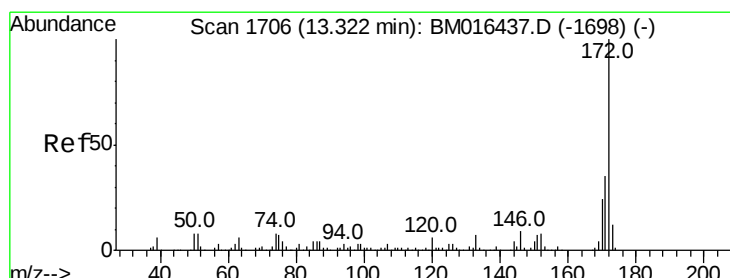
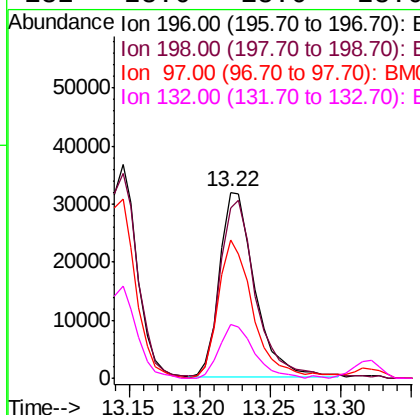
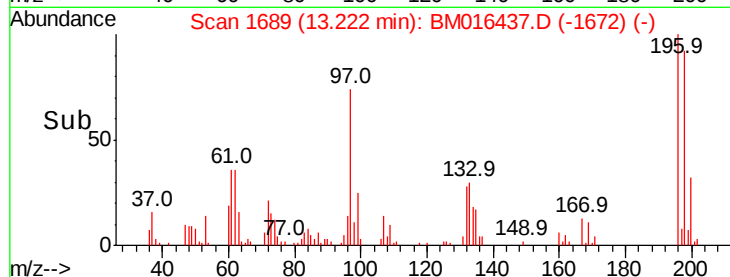
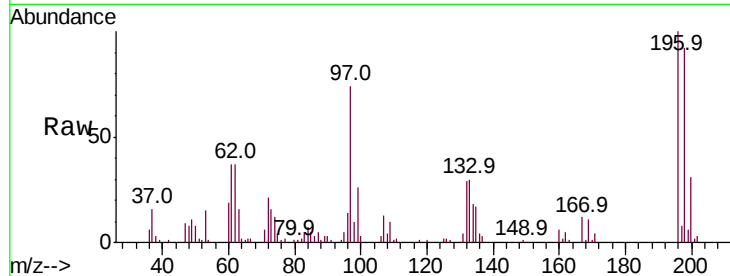
#43
2,4,5-Trichlorophenol
Concen: 44.619 ng
RT: 13.22 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	55028		
198	92.0	79.4	119.0	
97	74.3	26.8	40.2	
132	28.6	18.6	28.0	

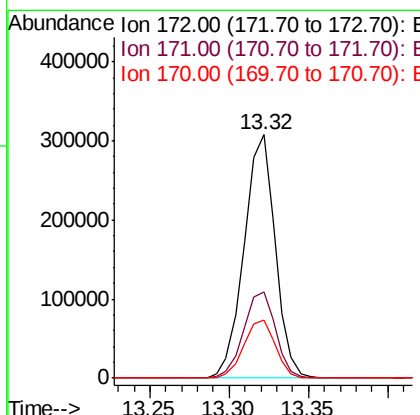
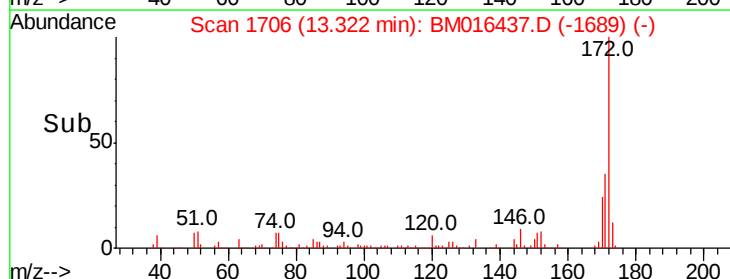
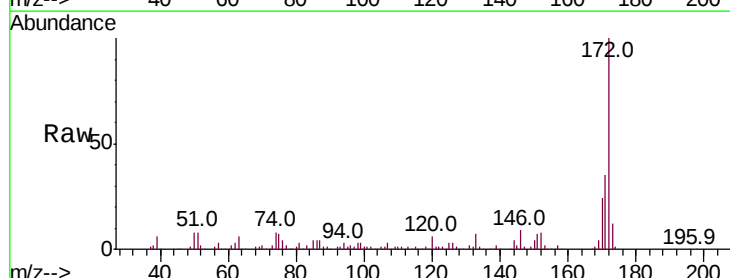
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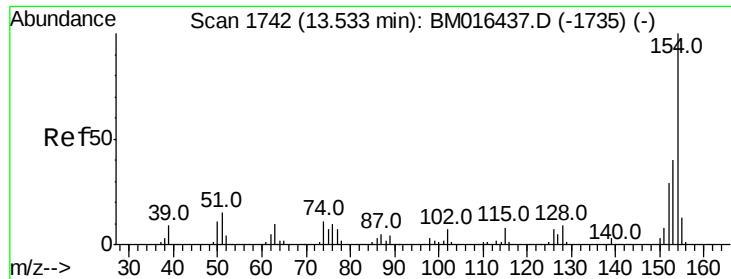
Sohil
8/20/2018 4:17:05 PM



#44
2-Fluorobiphenyl
Concen: 44.619 ng
RT: 13.32 min Scan# 1706
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	420003		
171	35.4	28.5	42.7	
170	23.9	18.8	28.2	





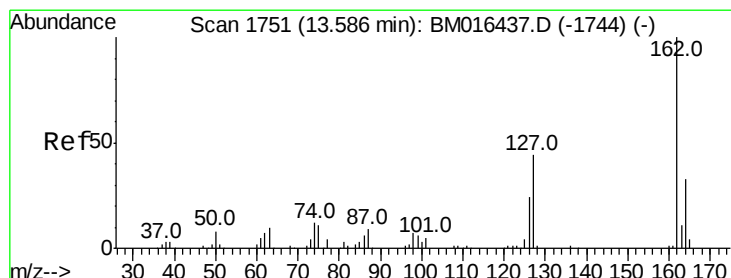
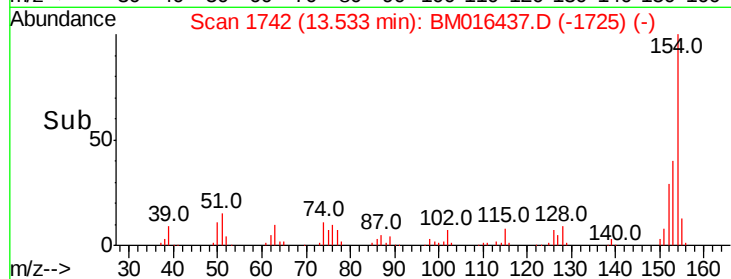
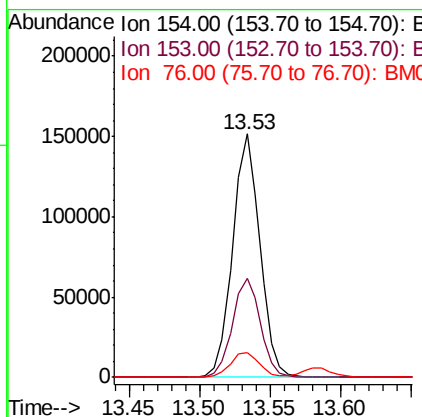
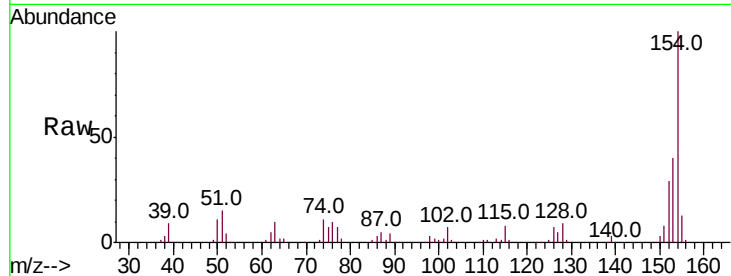
#45
 1,1'-Biphenyl
 Concen: 40.314 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.5	20.7	60.7	
76	10.3	0.0	30.9	

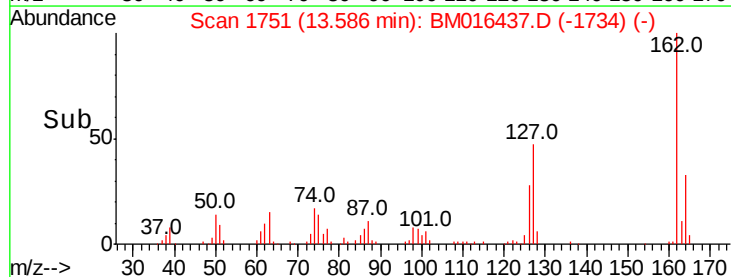
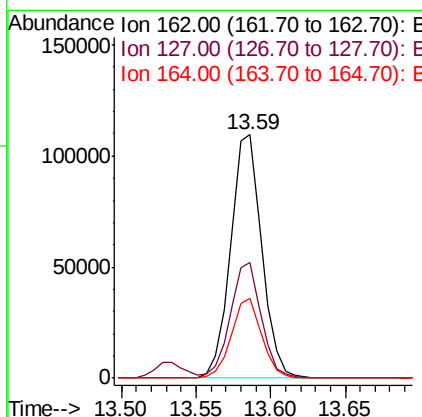
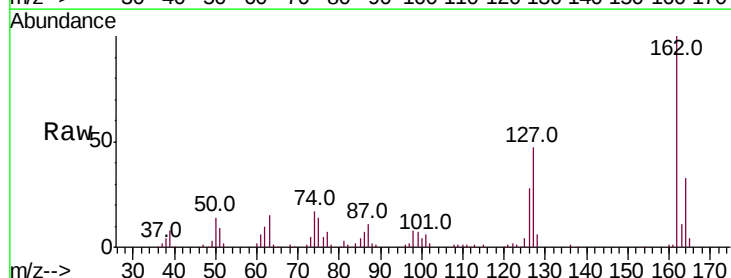
Manual Integrations
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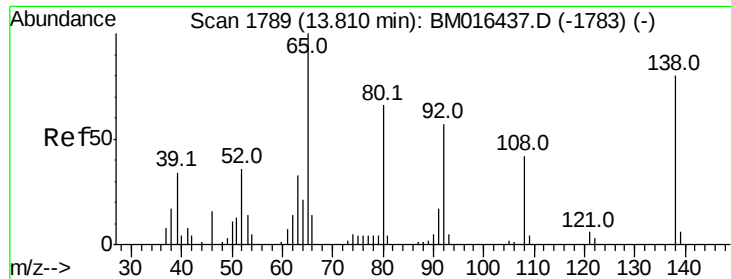
Sohil
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#46
 2-Chloronaphthalene
 Concen: 40.653 ng
 RT: 13.59 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	47.3	26.9	40.3#	
164	32.9	26.8	40.2	





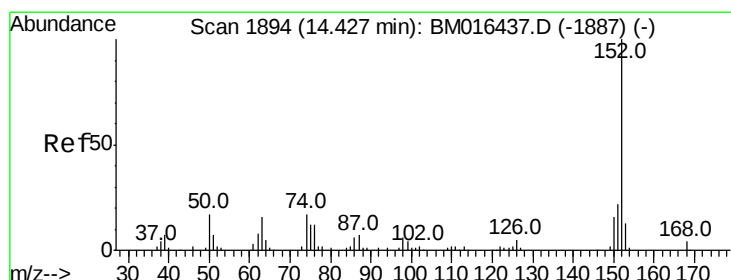
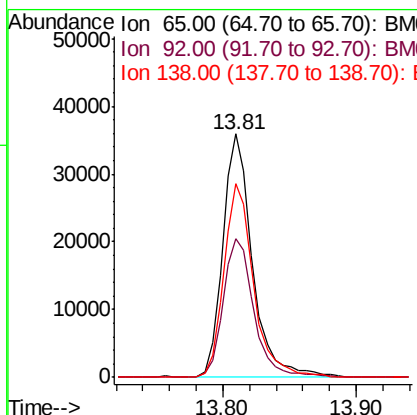
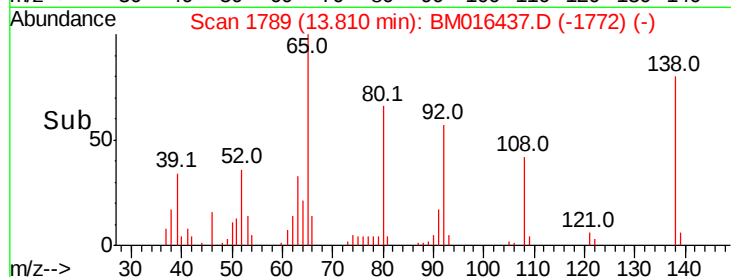
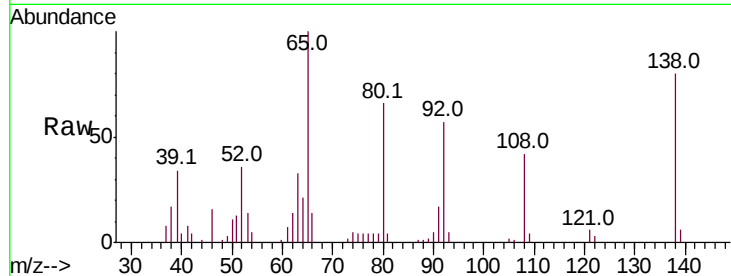
#47
 2-Nitroaniline
 Concen: 42.958 ng
 RT: 13.81 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	56.9	59.1	88.7#
138	79.7	93.9	140.9#

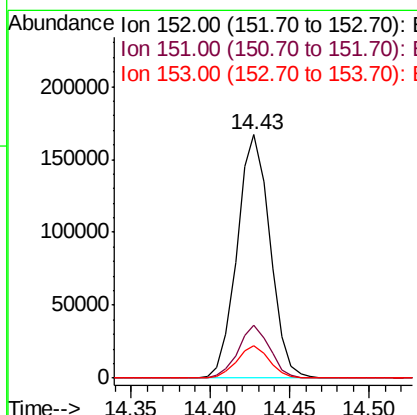
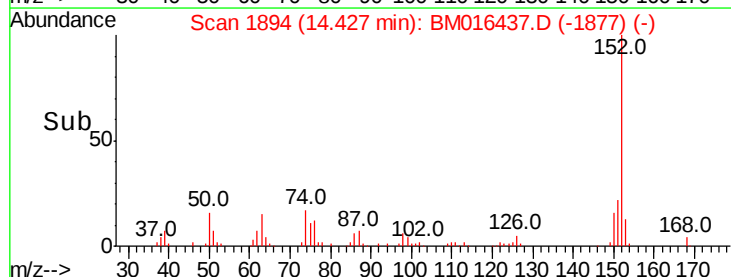
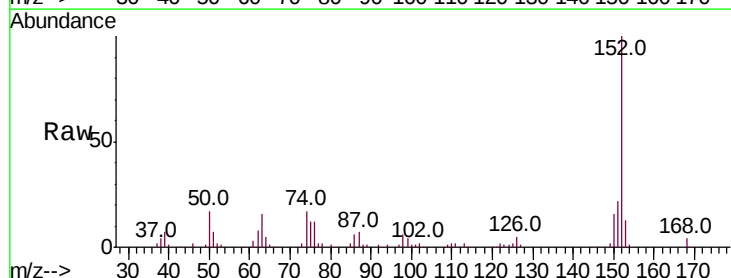
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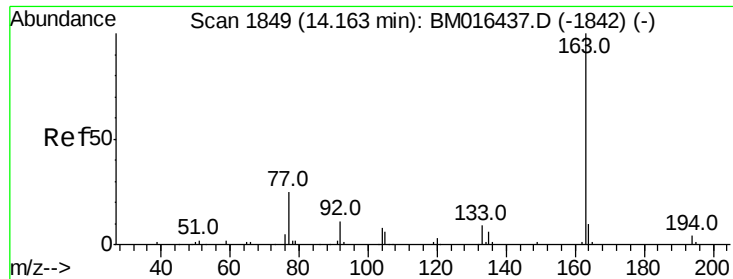
Sohil
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#48
 Acenaphthylene
 Concen: 41.604 ng
 RT: 14.43 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.6	15.9	23.9
153	13.2	10.6	16.0





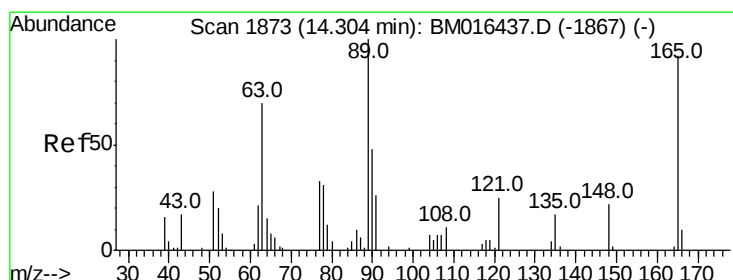
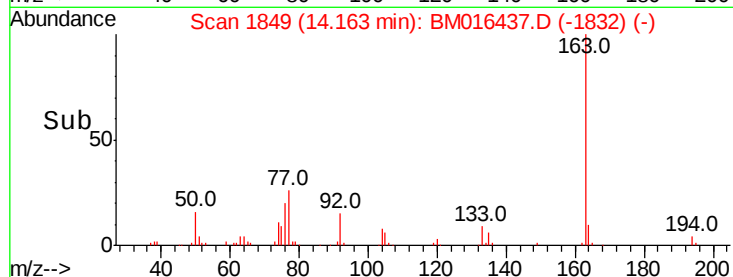
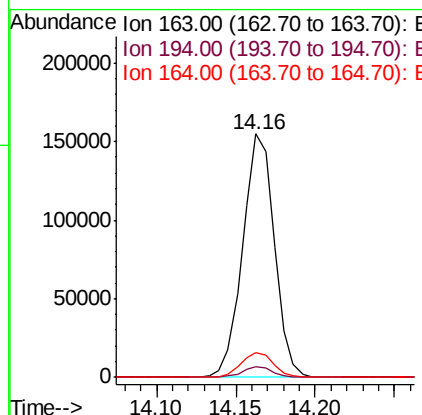
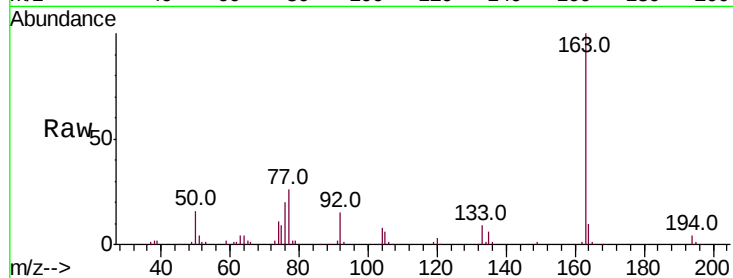
#49
Dimethylphthalate
Concen: 43.627 ng
RT: 14.16 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.7	4.1#	
164	10.0	8.2	12.2	

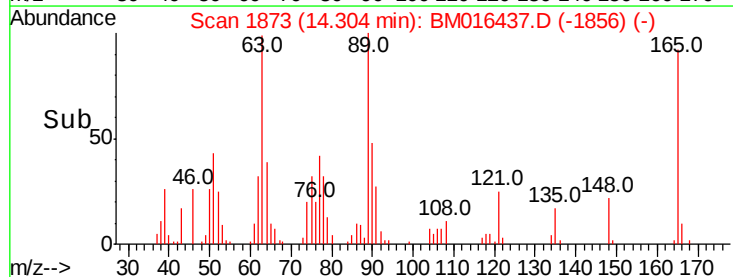
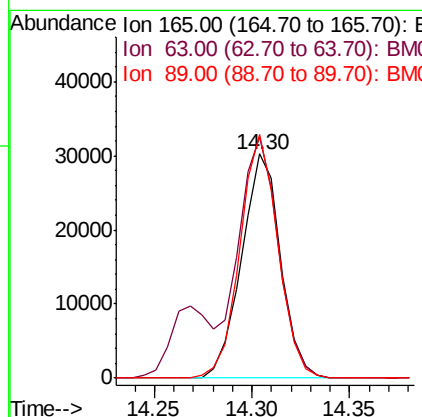
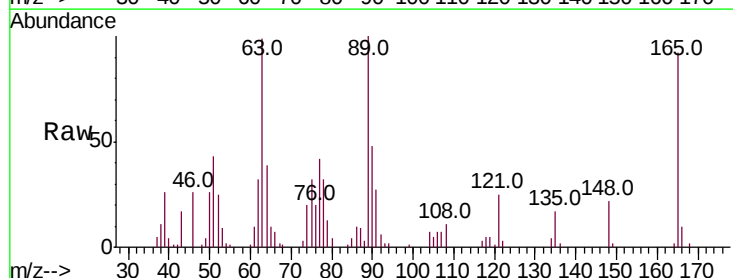
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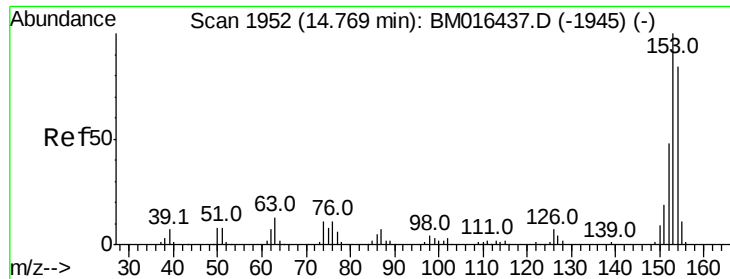
Sohil
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#50
2,6-Dinitrotoluene
Concen: 42.270 ng
RT: 14.30 min Scan# 1873
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	107.7	44.1	66.1#	
89	108.6	44.3	66.5#	





#51

Acenaphthene

Concen: 40.905 ng

RT: 14.77 min Scan# 1952

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:154 Resp: 145105

Ion Ratio Lower Upper

154 100

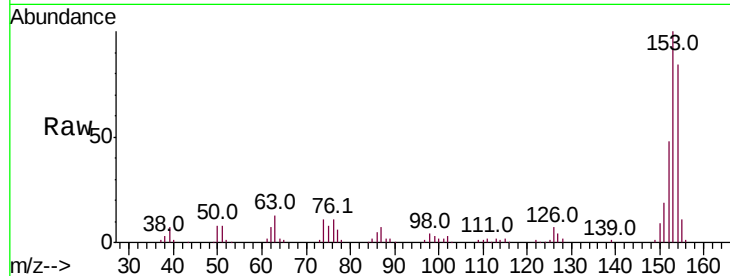
153 118.7 90.0 135.0

152 57.5 42.6 63.8

Manual Integrations
APPROVED

Sohil

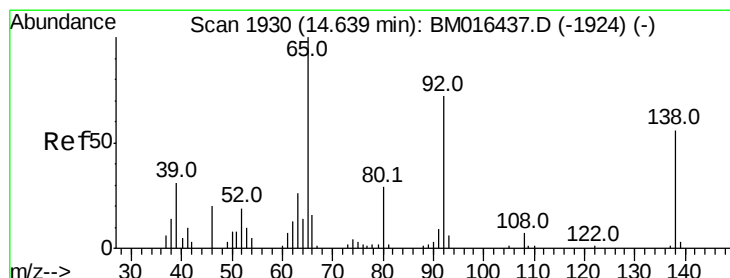
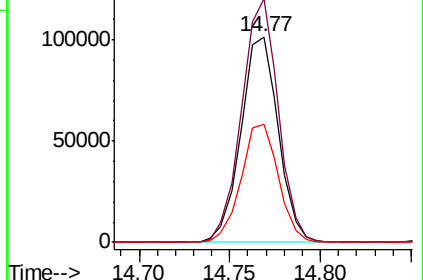
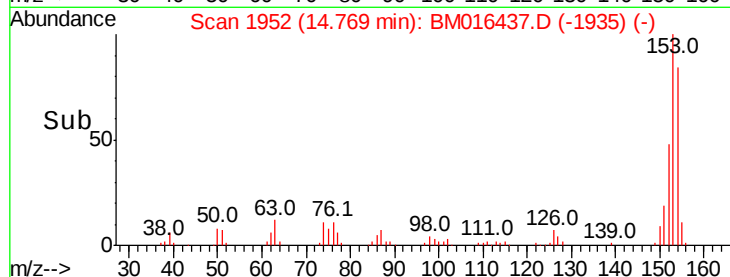
8/20/2018 4:17:05 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.549 ng

RT: 14.64 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

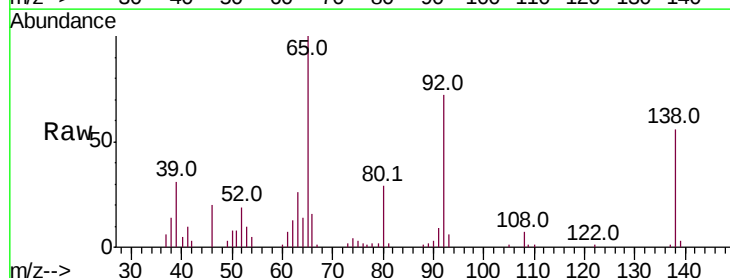
Tgt Ion:138 Resp: 41154

Ion Ratio Lower Upper

138 100

108 11.7 7.3 10.9#

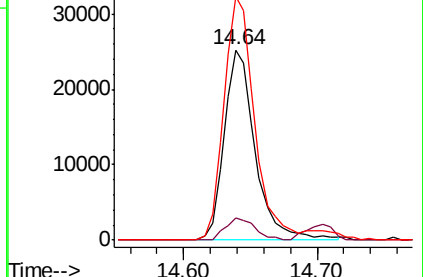
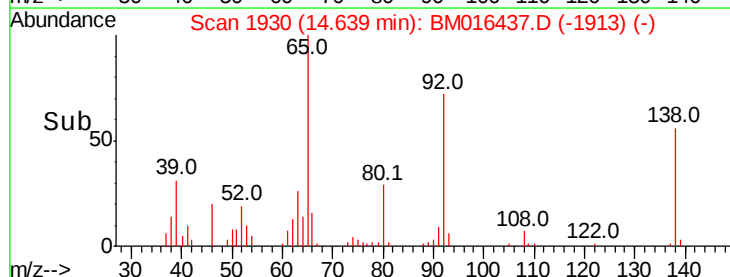
92 128.1 76.6 114.8#

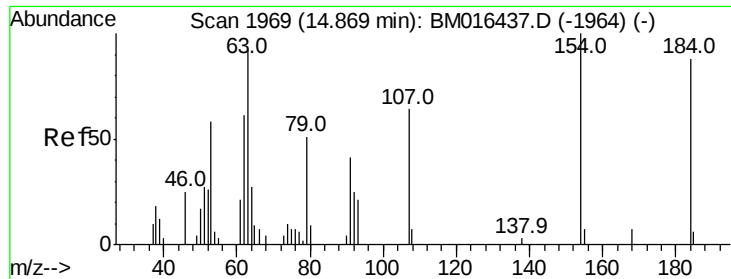


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





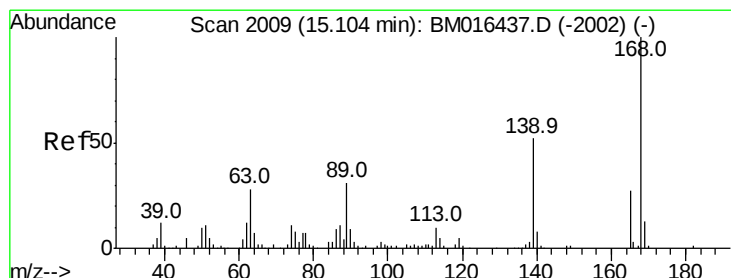
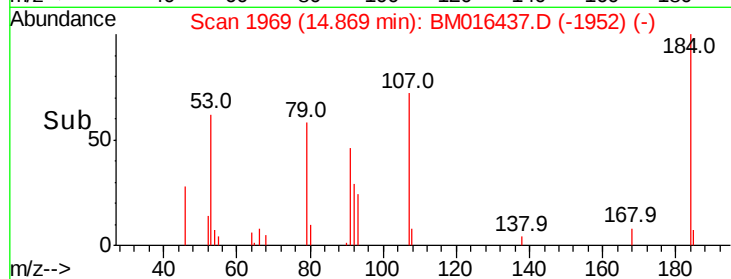
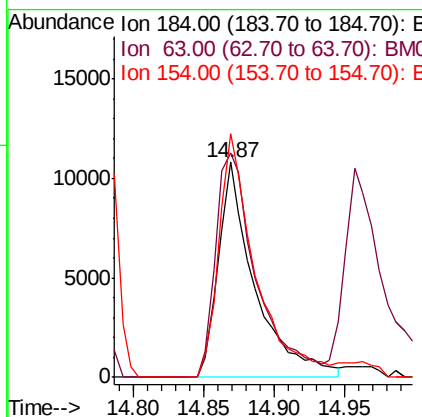
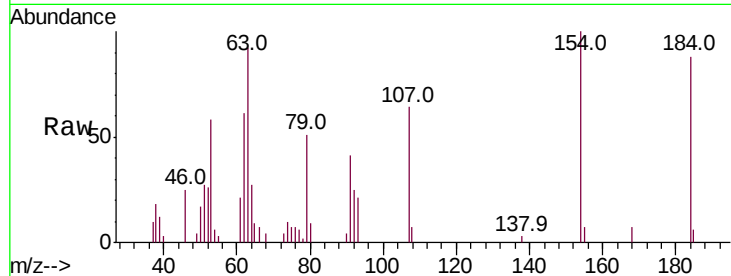
#53
 2,4-Dinitrophenol
 Concen: 52.900 ng
 RT: 14.87 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	104.5	69.2	103.8#	
154	113.1	53.3	79.9#	

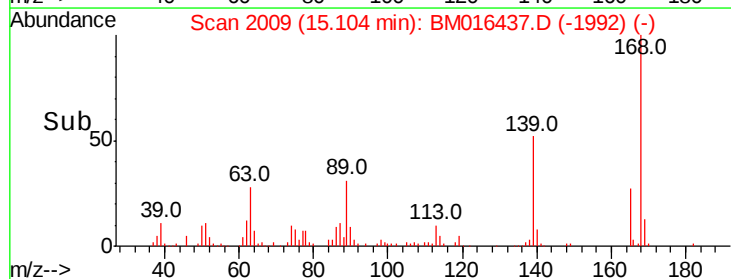
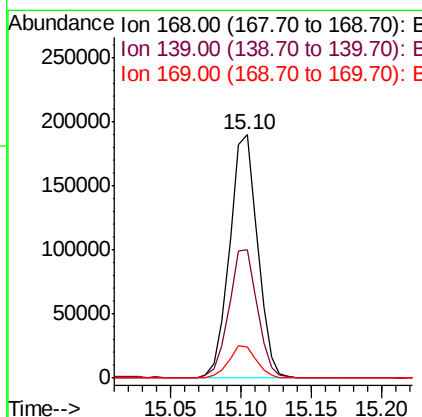
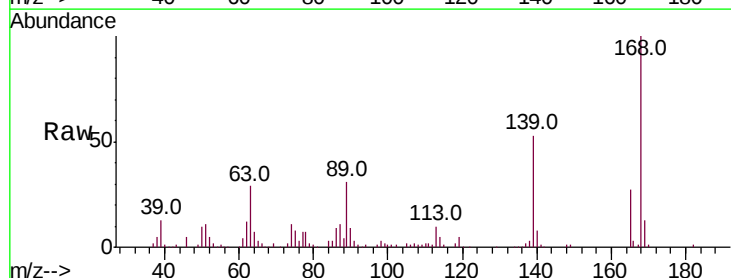
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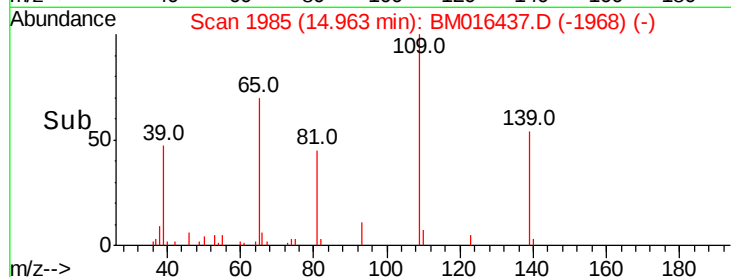
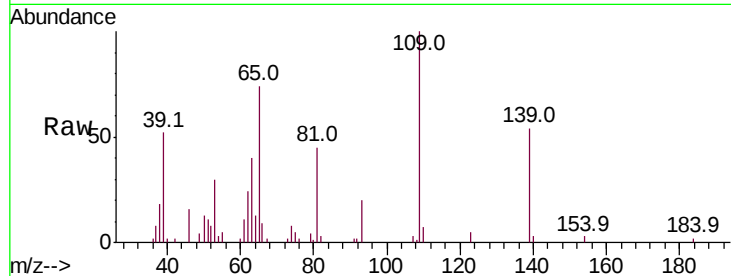
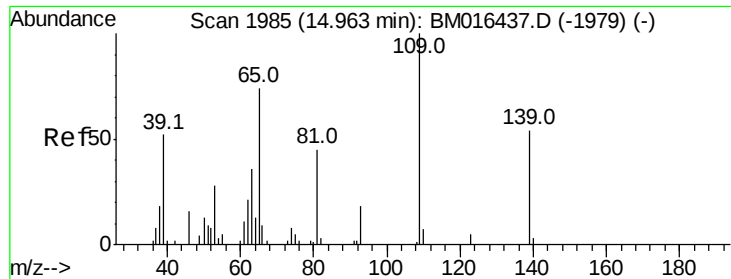
Sohil
 8/20/2018 4:17:05 PM



#54
 Dibenzofuran
 Concen: 44.819 ng
 RT: 15.10 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	52.6	27.3	40.9#	
169	12.9	10.6	16.0	





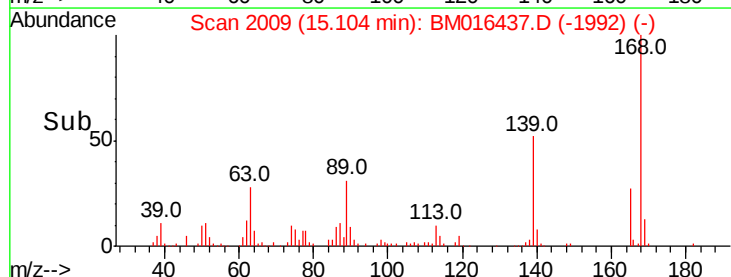
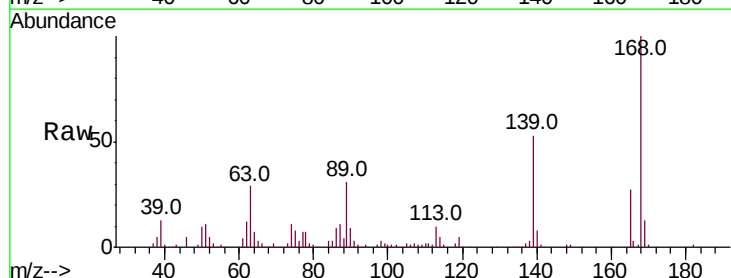
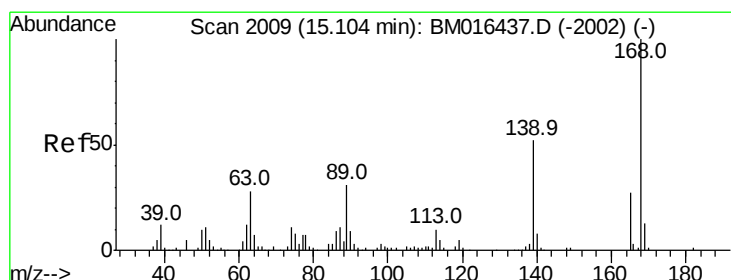
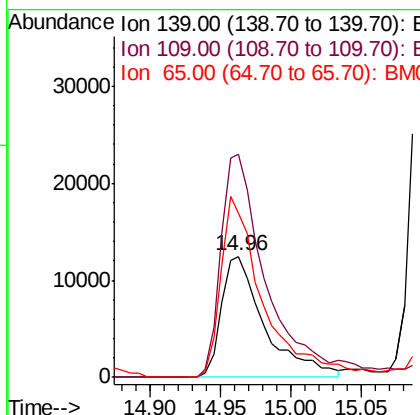
#55
4-Nitrophenol
Concen: 34.933 ng
RT: 14.96 min Scan# 1985
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampled :
SSTDICCC040

Tot Ion:139 Resp: 26735
Ion Ratio Lower Upper
139 100
109 184.6 130.0 170.0#
65 136.0 130.0 170.0

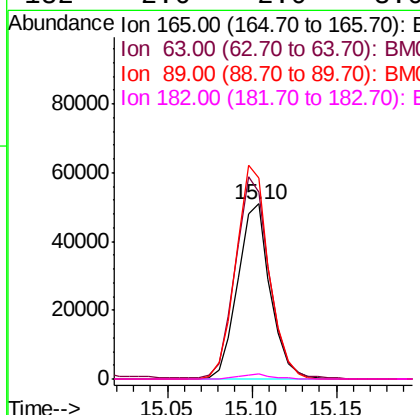
Manual Integrations
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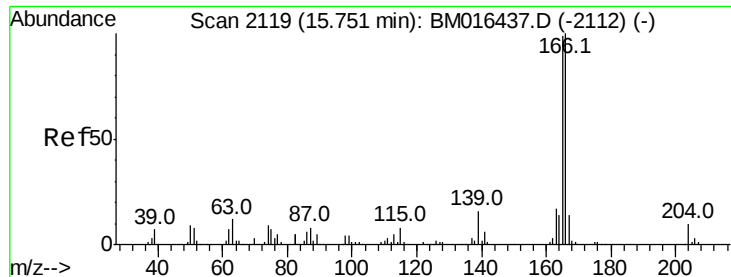
Sohil
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#56
2,4-Dinitrotoluene
Concen: 48.279 ng
RT: 15.10 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion:165 Resp: 68232
Ion Ratio Lower Upper
165 100
63 107.1 52.4 78.6#
89 114.7 72.4 108.6#
182 2.6 2.0 3.0





#57

Fluorene

Concen: 45.838 ng

RT: 15.75 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

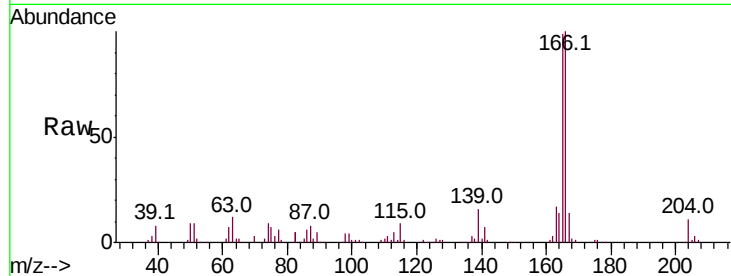
ClientSampleId :

SSTDICCC040

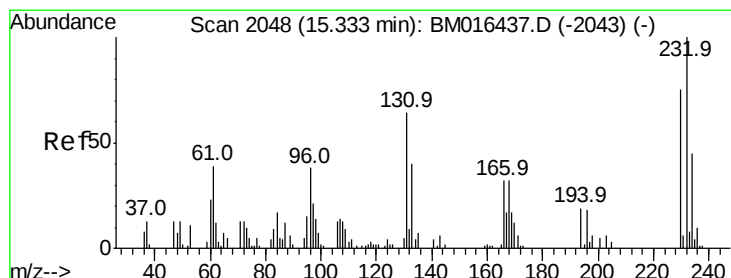
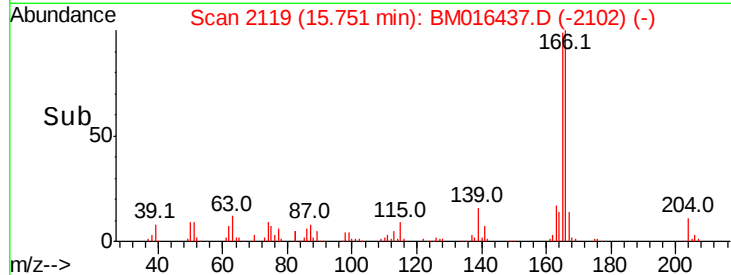
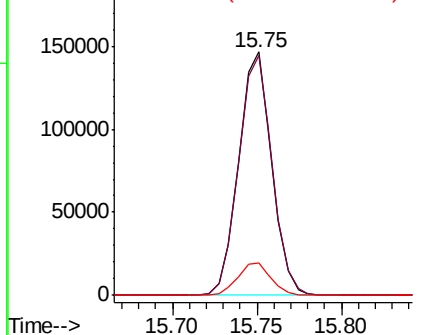
Tot Ion:	166	Resp:	199119
Ion Ratio	Lower	Upper	
166	100		
165	98.5	79.0	118.4
167	13.6	10.3	15.5

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



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.404 ng

RT: 15.33 min Scan# 2048

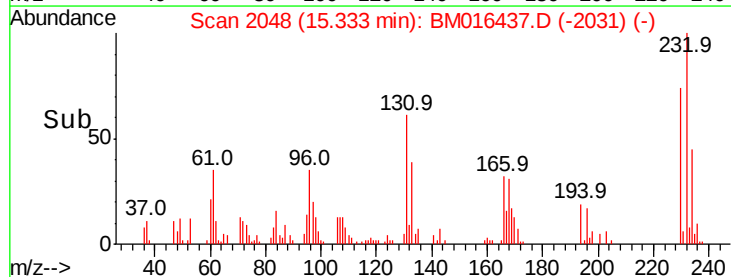
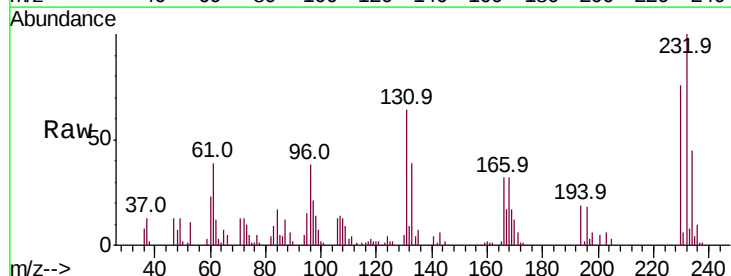
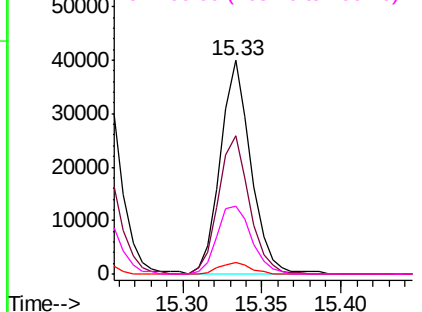
Delta R.T. 0.00 min

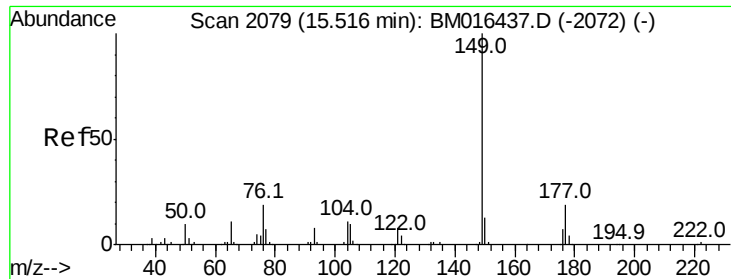
Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion:	232	Resp:	53431
Ion Ratio	Lower	Upper	
232	100		
131	65.7	0.0	0.0#
130	5.4	0.0	0.0#
166	35.7	0.0	0.0#

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





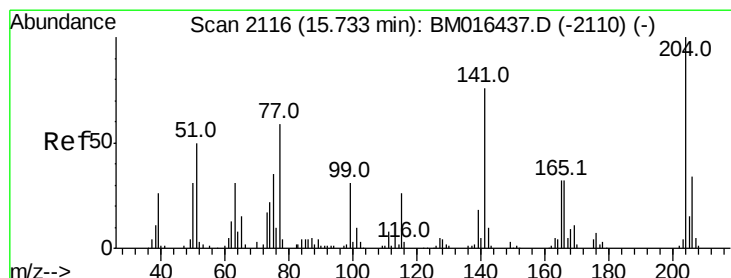
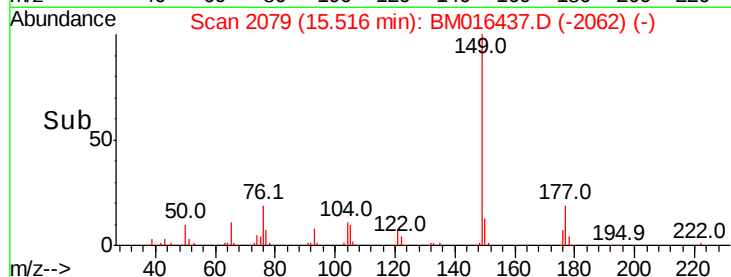
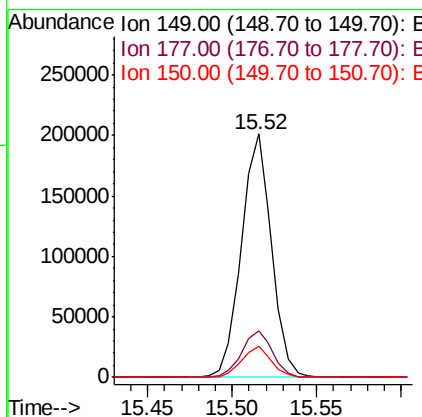
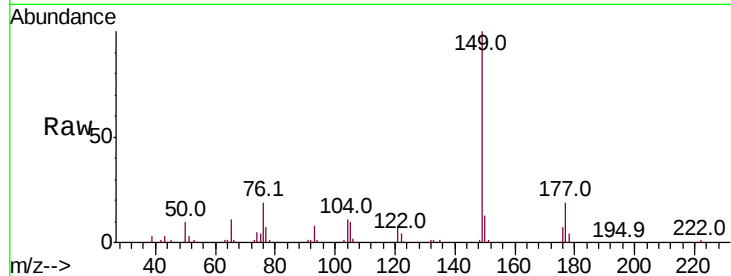
#59
Diethylphthalate
Concen: 47.069 ng
RT: 15.52 min Scan# 2079
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	249224		
177	19.2	18.3	27.5	
150	12.8	9.8	14.8	

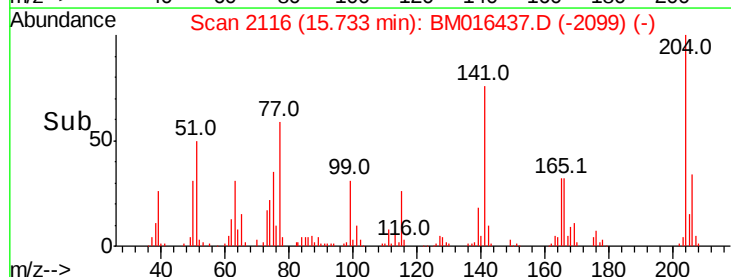
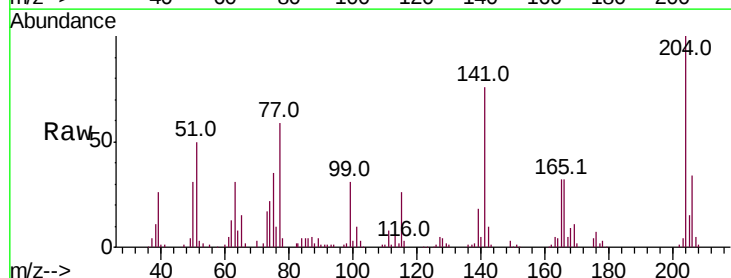
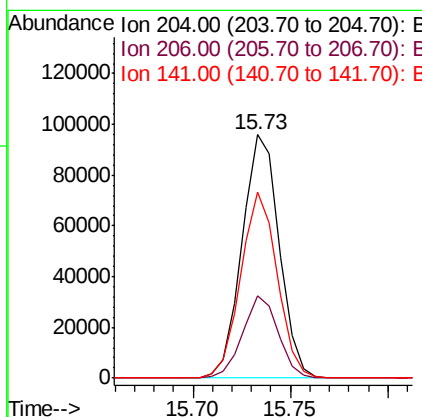
Manual Integrations
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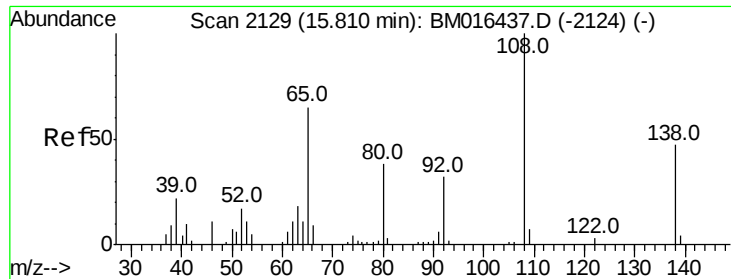
Sohil
8/20/2018 4:17:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 52.389 ng
RT: 15.73 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	126689		
206	33.6	26.6	39.8	
141	76.5	45.2	67.8	





#61

4-Nitroaniline

Concen: 39.199 ng

RT: 15.81 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:138 Resp: 40151

Ion Ratio Lower Upper

138 100

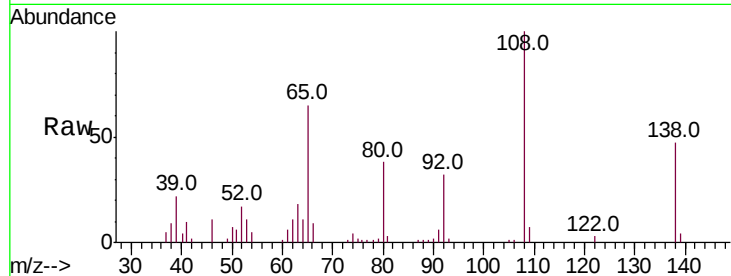
92 68.5 16.7 56.7#

108 212.6 37.6 77.6#

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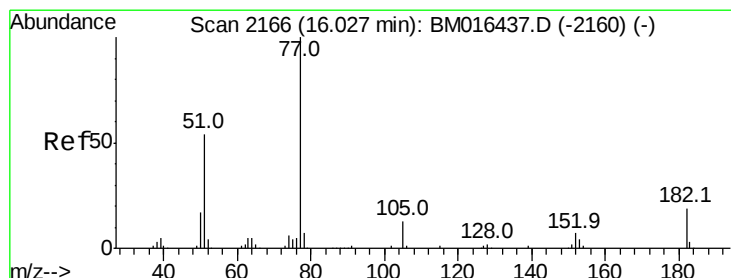
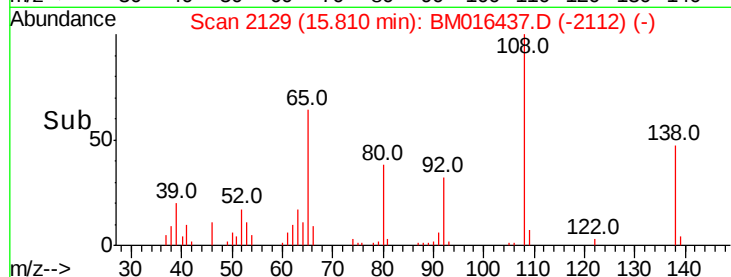
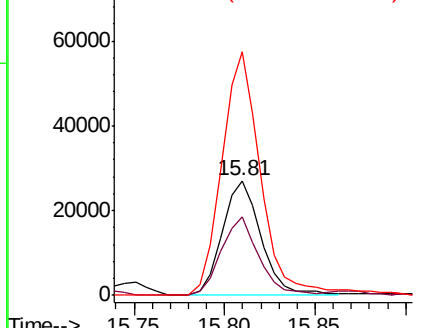
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.837 ng

RT: 16.03 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion: 77 Resp: 289056

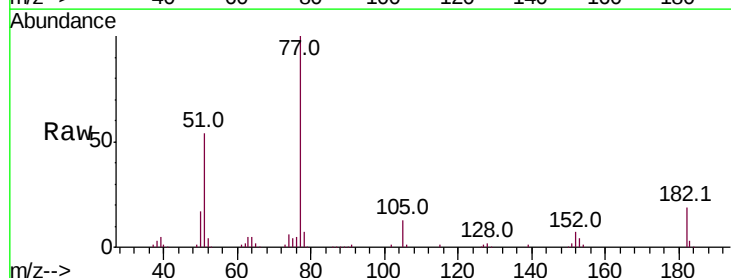
Ion Ratio Lower Upper

77 100

182 18.7 6.5 46.5

105 13.3 3.8 43.8

51 53.9 5.5 45.5#

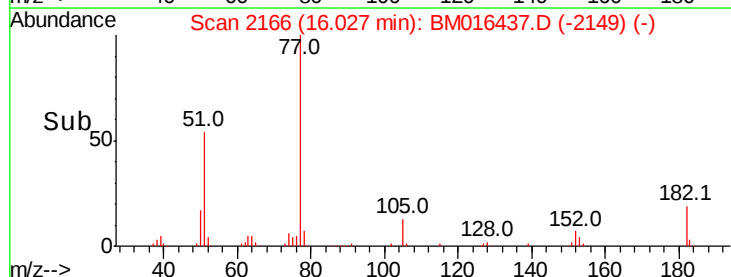
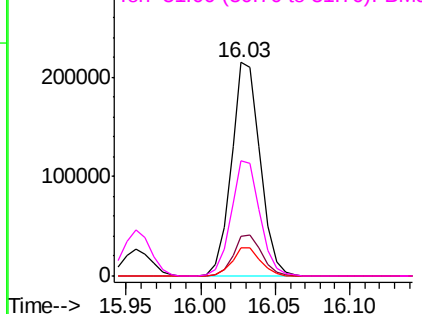


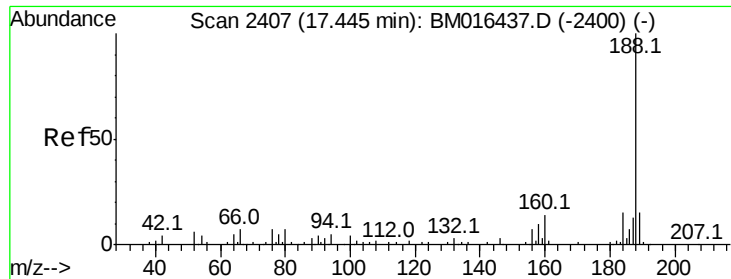
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM





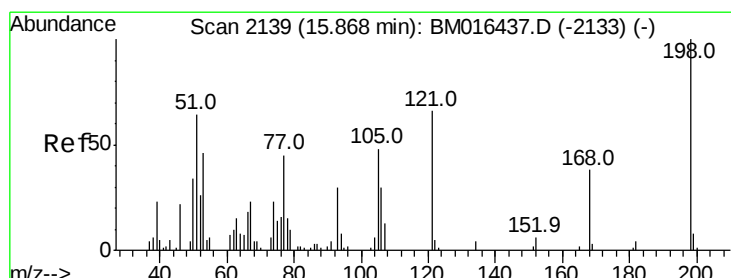
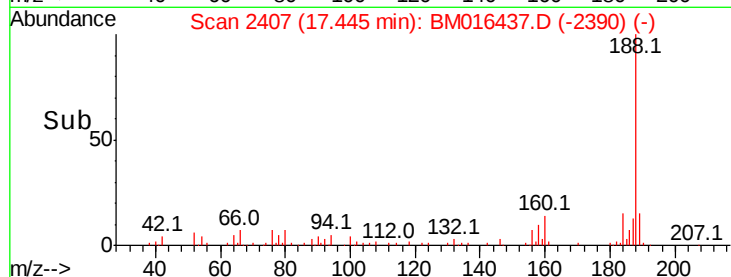
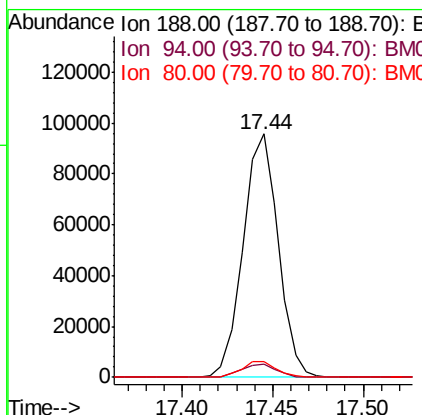
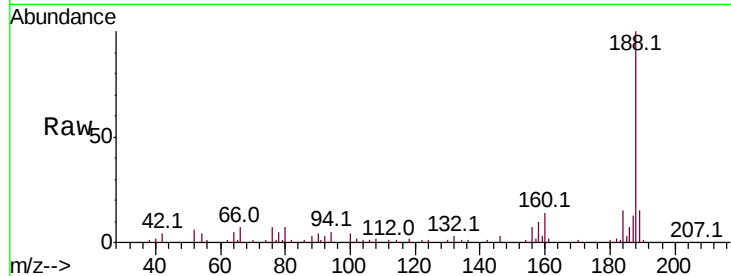
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.3	8.7	13.1#
80	6.7	9.3	13.9#

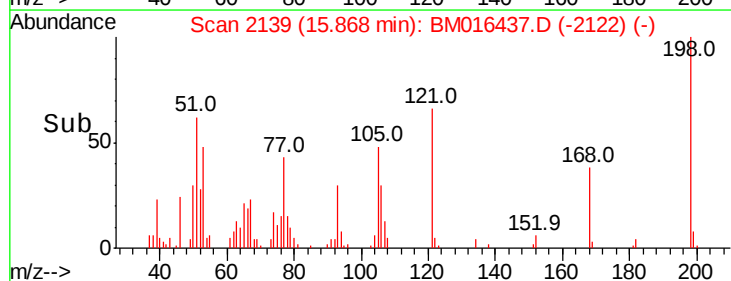
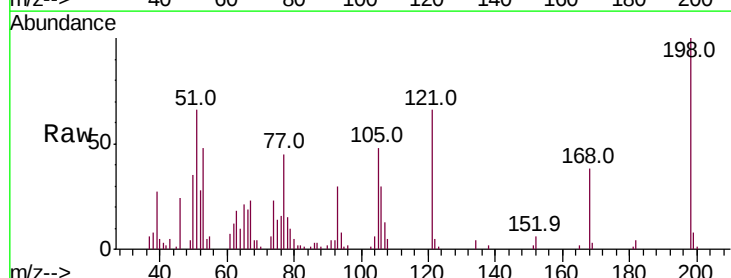
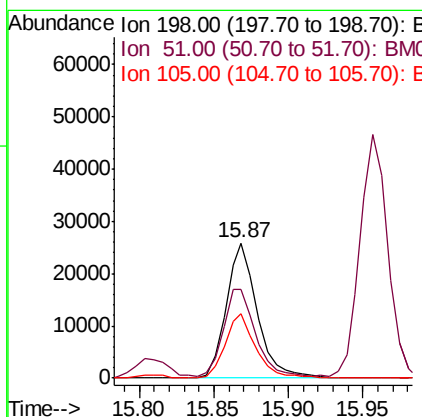
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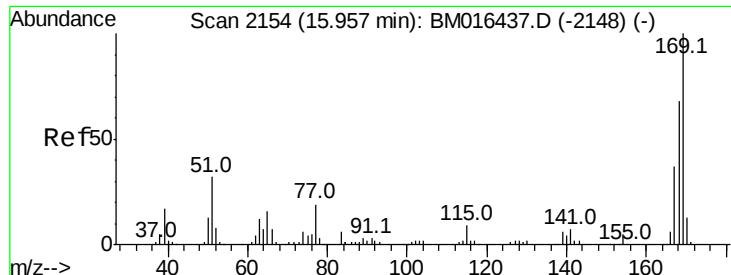
Sohil
 8/20/2018 4:17:05 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.882 ng
 RT: 15.87 min Scan# 2139
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	65.5	28.8	68.8
105	47.6	30.5	70.5





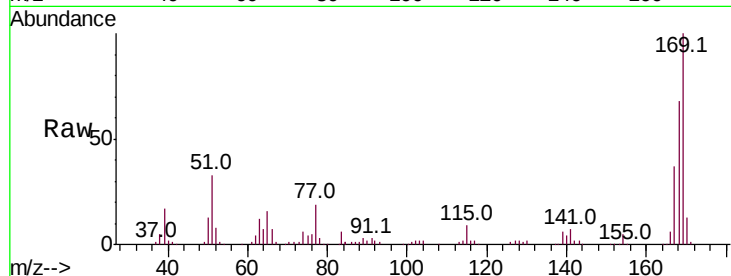
#65
 n-Nitrosodiphenylamine
 Concen: 42.324 ng
 RT: 15.96 min Scan# 2154
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.7	53.9	80.9	
167	36.8	28.9	43.3	

Manual Integrations
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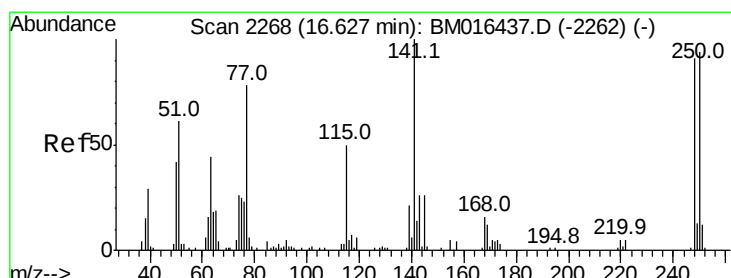
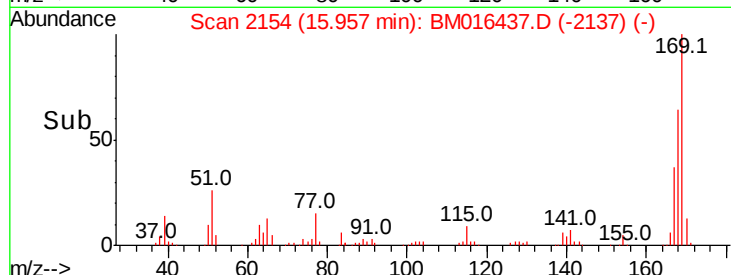
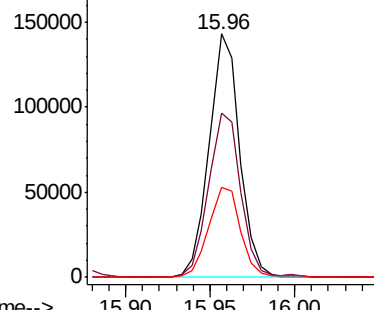


Abundance

Ion 169.00 (168.70 to 169.70): E

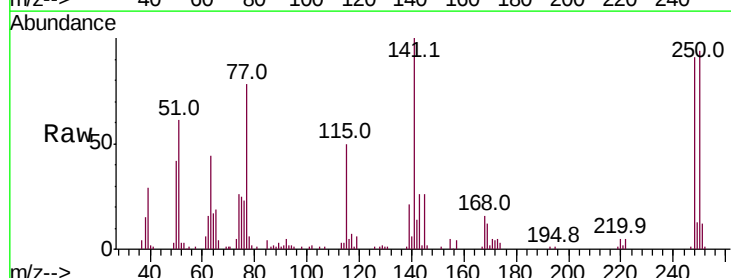
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66
 4-Bromophenyl-phenylether
 Concen: 49.348 ng
 RT: 16.63 min Scan# 2268
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	103.9	77.4	116.0	
141	110.3	45.2	67.8	

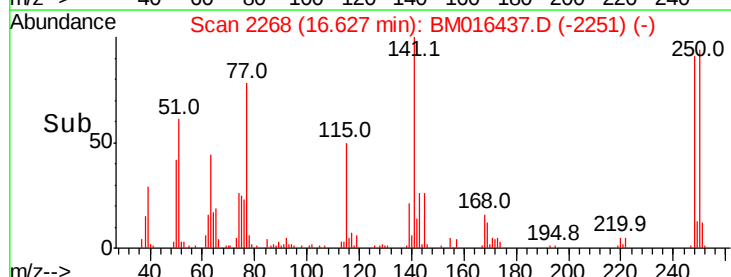
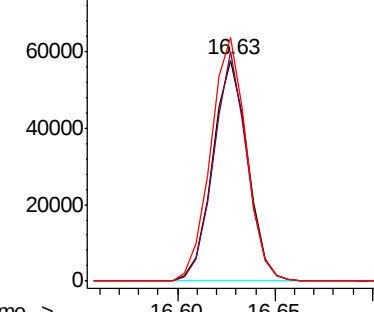


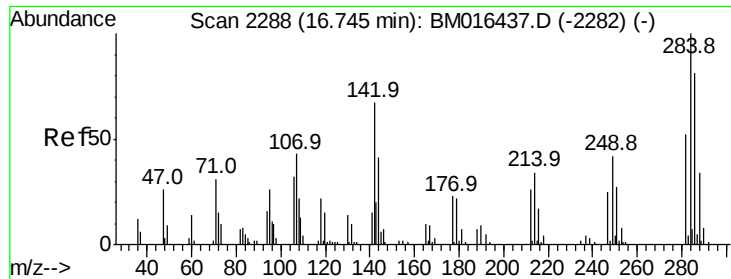
Abundance

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





#67

Hexachlorobenzene

Concen: 43.971 ng

RT: 16.74 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

ClientSampleId :

SSTDICCC040

Tot Ion:284 Resp: 70723

Ion Ratio Lower Upper

284 100

142 66.7 20.4 30.6#

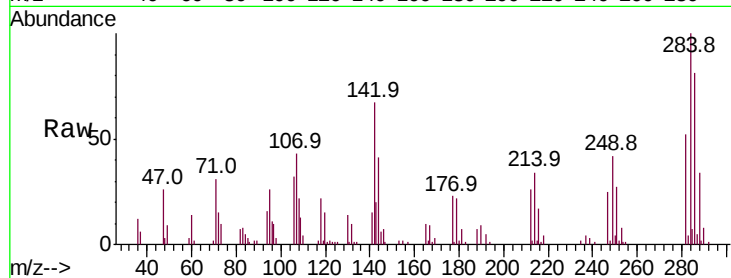
249 41.6 23.8 35.6#

Manual Integrations

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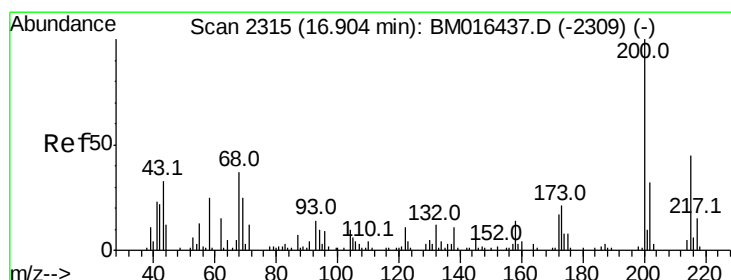
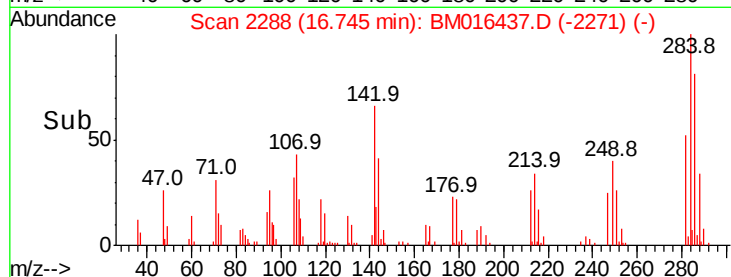
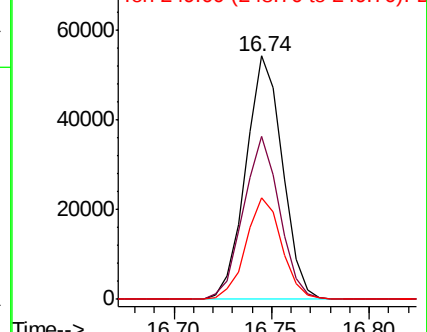
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 44.379 ng

RT: 16.90 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

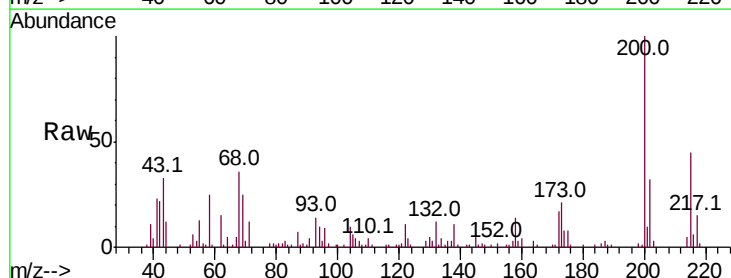
Tgt Ion:200 Resp: 67556

Ion Ratio Lower Upper

200 100

173 21.0 4.8 44.8

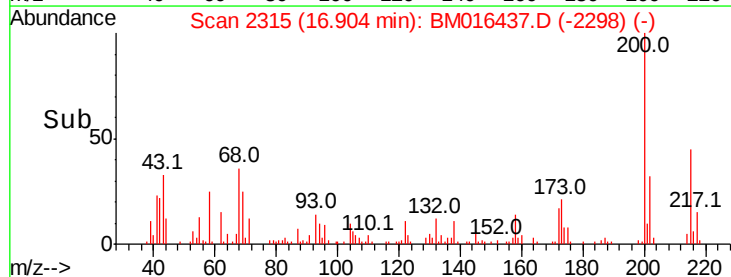
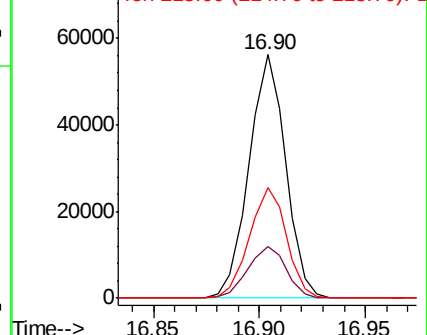
215 45.2 26.9 66.9

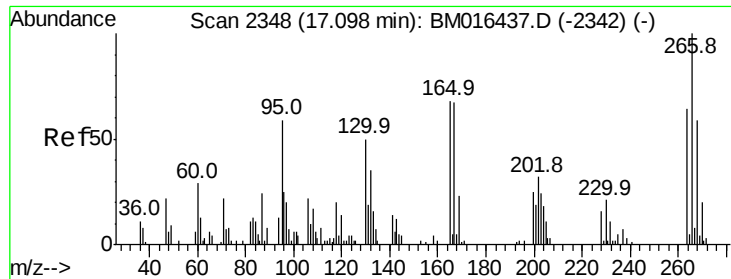


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





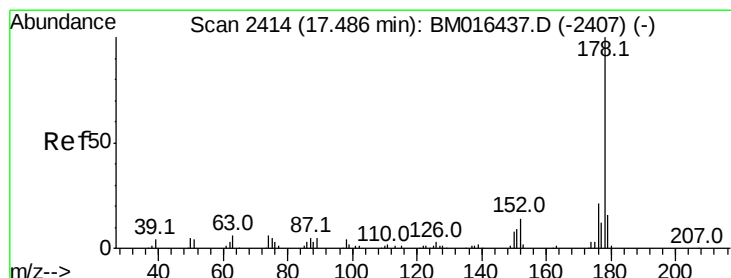
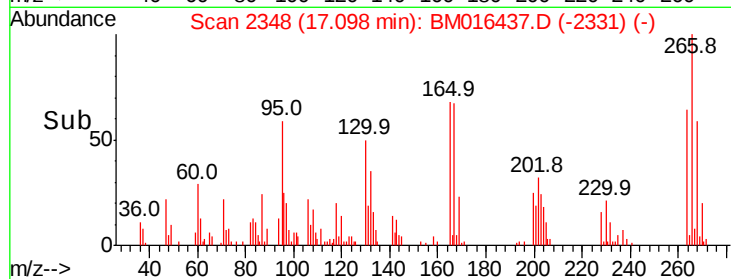
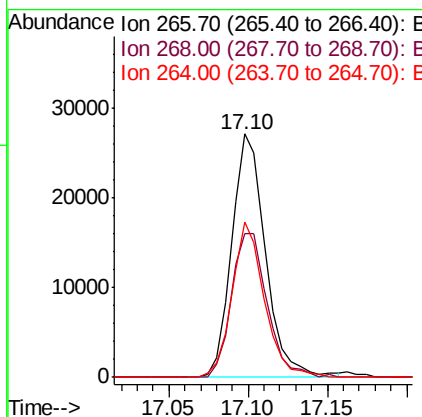
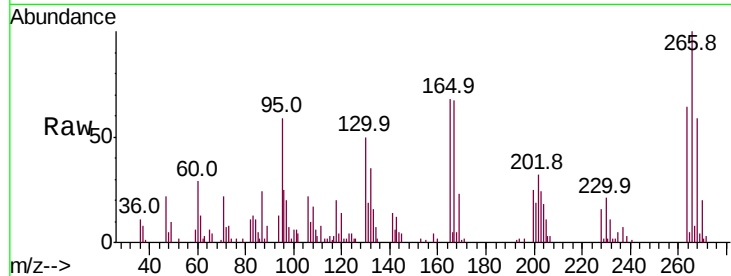
#69
 Pentachlorophenol
 Concen: 40.165 ng
 RT: 17.10 min Scan# 2348
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.8	52.0	78.0
264	63.7	49.0	73.4

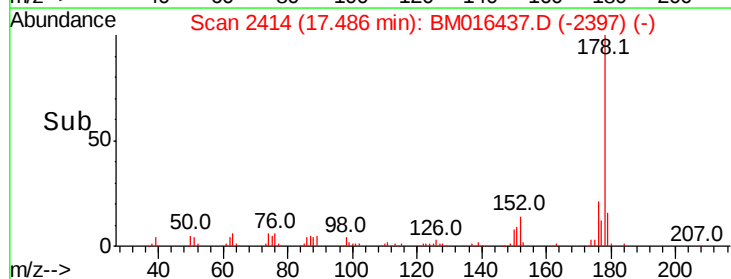
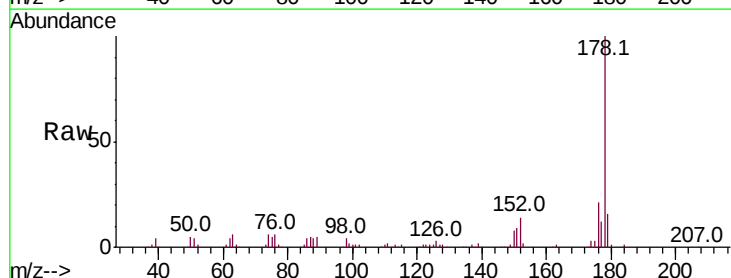
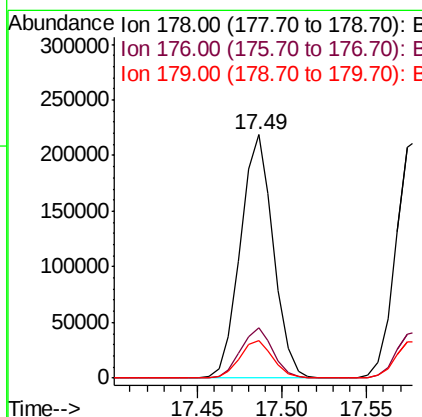
Manual Integrations
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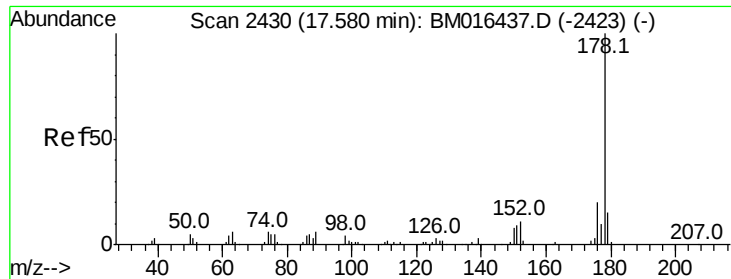
Sohil
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#70
 Phenanthrene
 Concen: 41.132 ng
 RT: 17.49 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.2	22.8
179	15.5	12.1	18.1





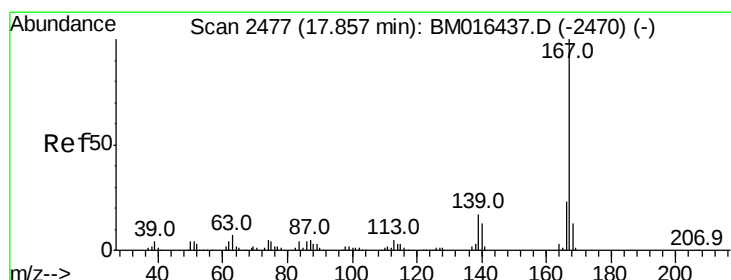
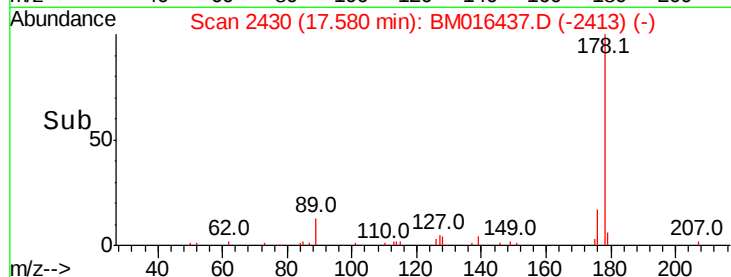
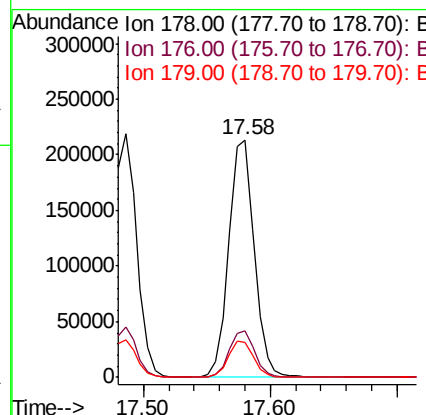
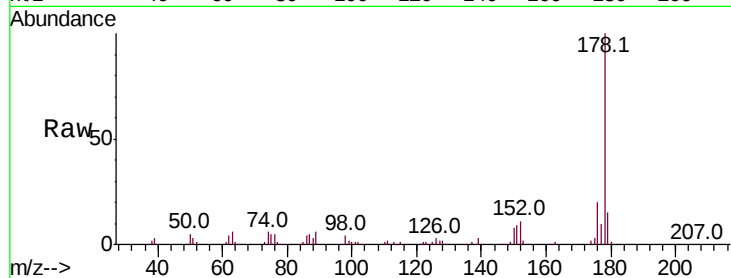
#71
 Anthracene
 Concen: 42.344 ng
 RT: 17.58 min Scan# 2430
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
178	100	297186		
176	19.6		14.6	22.0
179	14.7		12.6	19.0

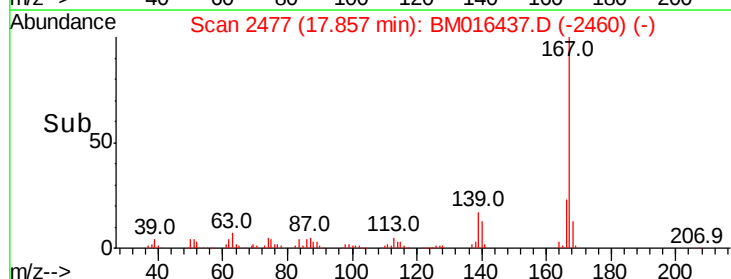
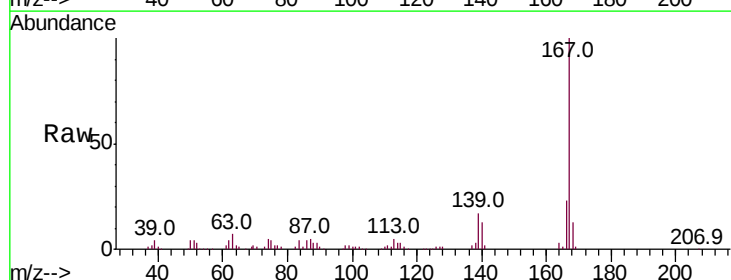
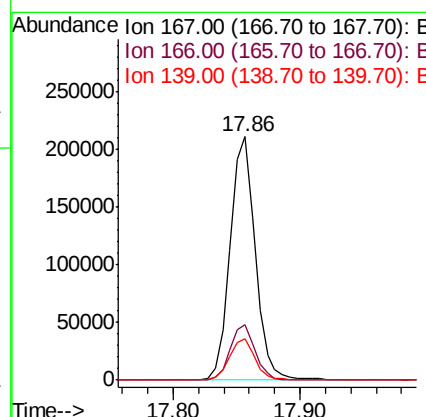
Manual Integrations
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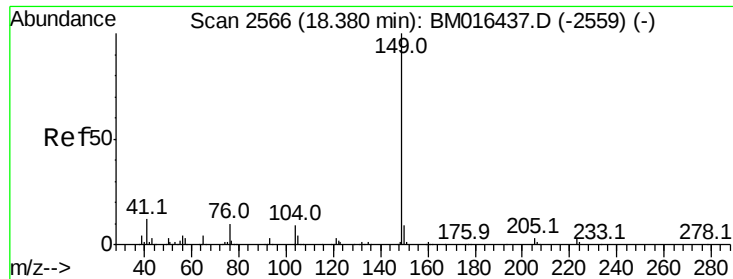
Sohil
 8/20/2018 4:17:05 PM



#72
 Carbazole
 Concen: 39.652 ng
 RT: 17.86 min Scan# 2477
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	288304		
166	22.9		17.2	25.8
139	17.3		10.8	16.2#





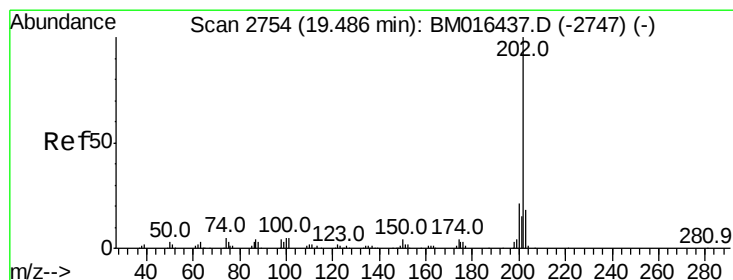
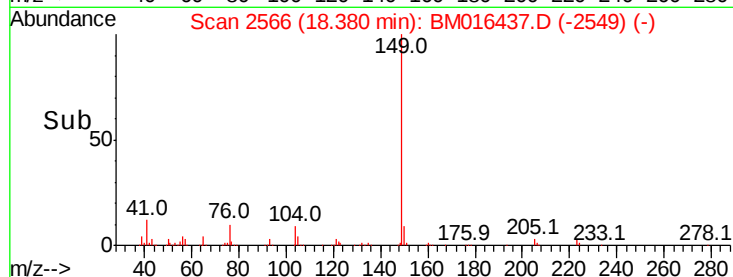
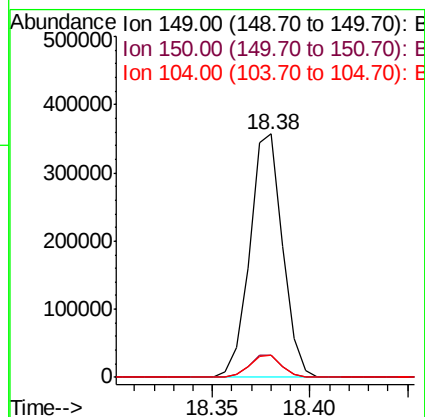
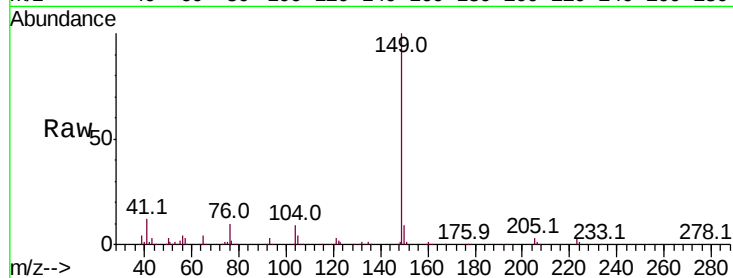
#73
Di-n-butylphthalate
Concen: 45.779 ng
RT: 18.38 min Scan# 2566
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	9.0	7.5	11.3
104	9.0	3.7	5.5

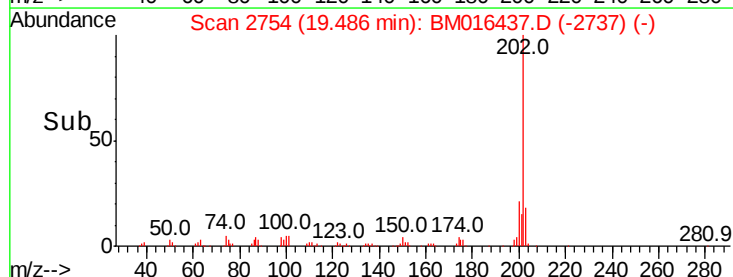
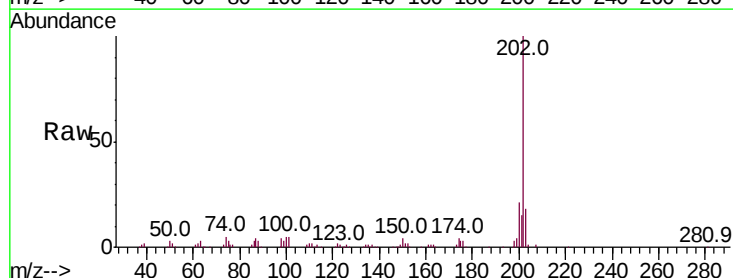
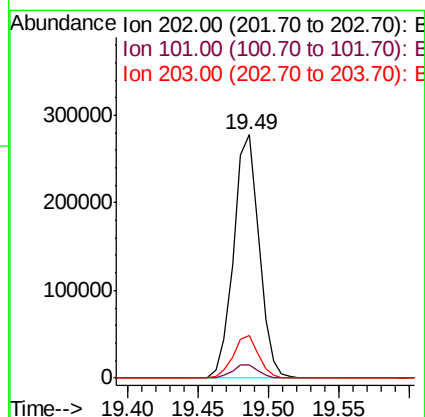
Manual Integrations
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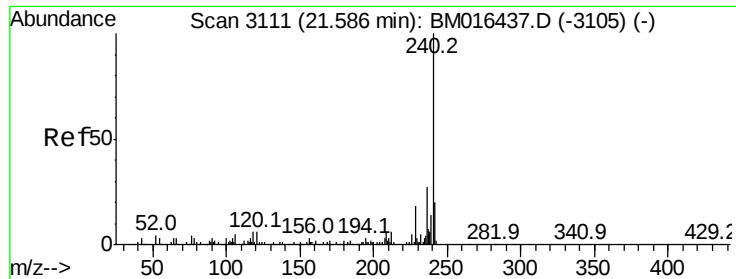
Sohil
8/20/2018 4:17:05 PM



#74
Fluoranthene
Concen: 43.453 ng
RT: 19.49 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	5.4	0.0	28.7
203	17.5	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

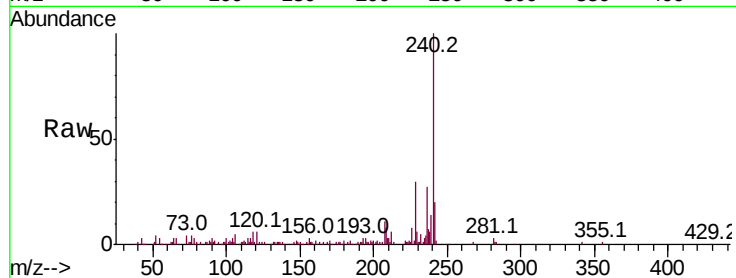
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	5.7	8.2	12.2#	
236	27.3	20.0	30.0	

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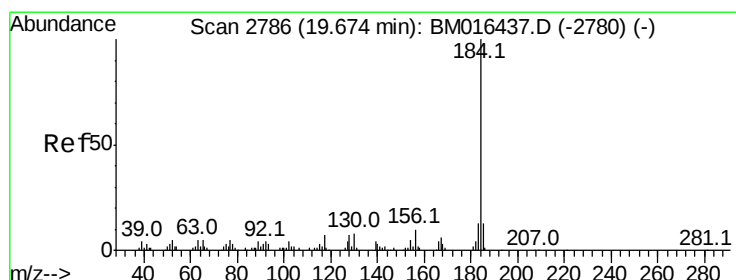
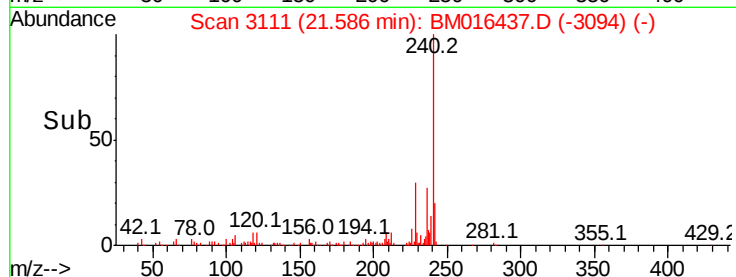
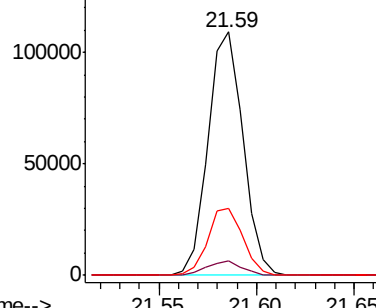


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.623 ng

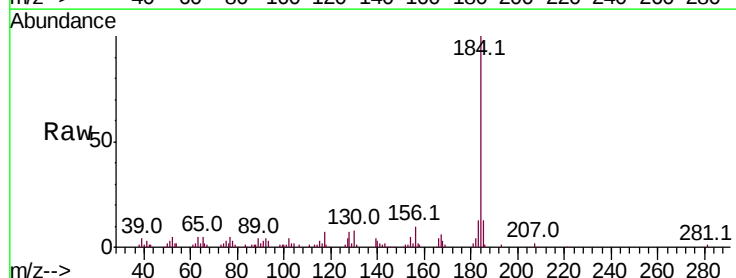
RT: 19.67 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	13.3	11.3	16.9	
183	12.5	8.9	13.3	

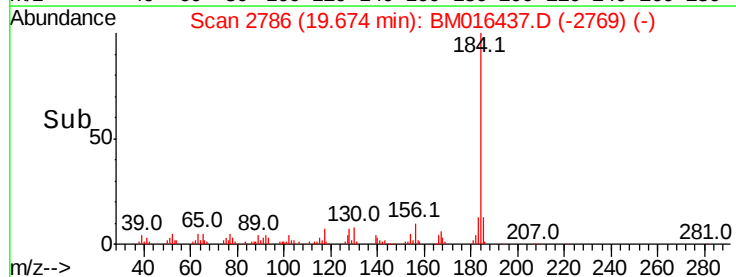
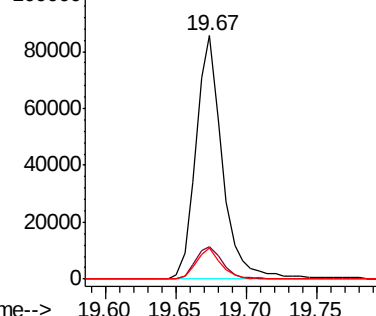


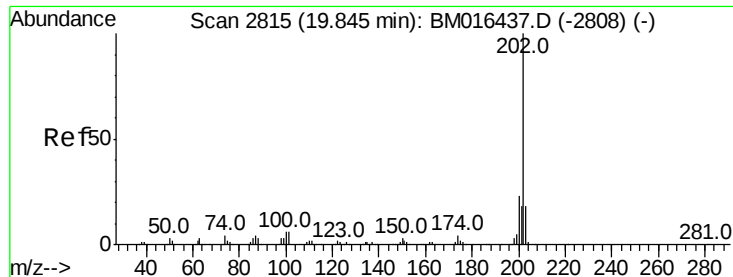
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.057 ng

RT: 19.84 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

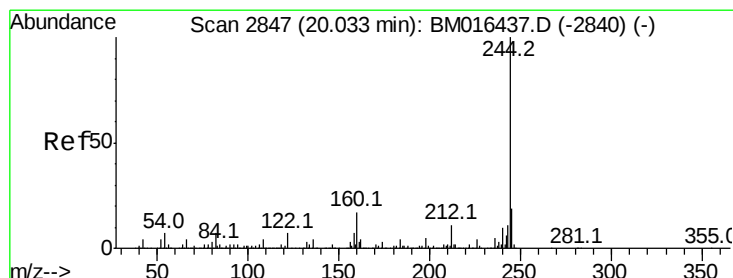
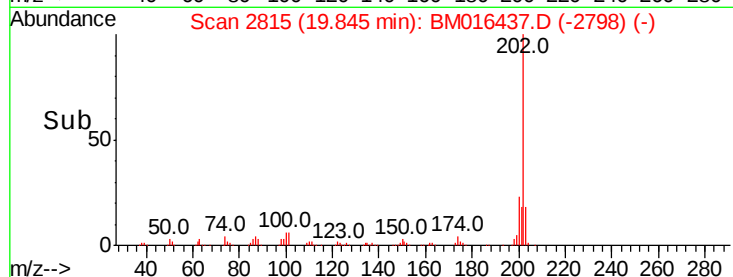
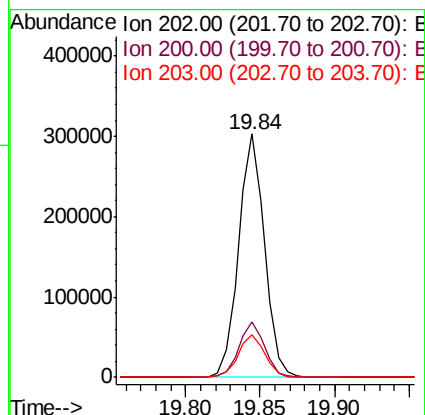
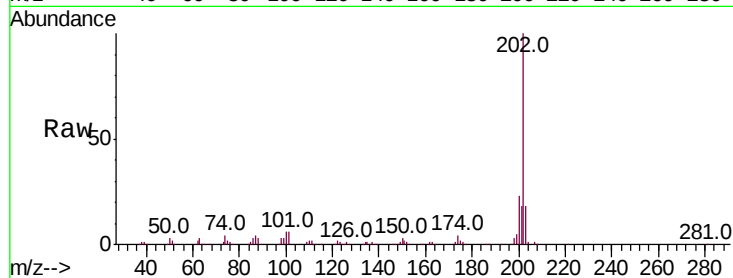
ClientSampleId :

SSTDICCC040

Tot Ion:	202	Resp:	365278
Ion Ratio		Lower	Upper
202	100		
200	22.6	16.9	25.3
203	17.7	14.1	21.1

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#78

Terphenyl-d14

Concen: 45.057 ng

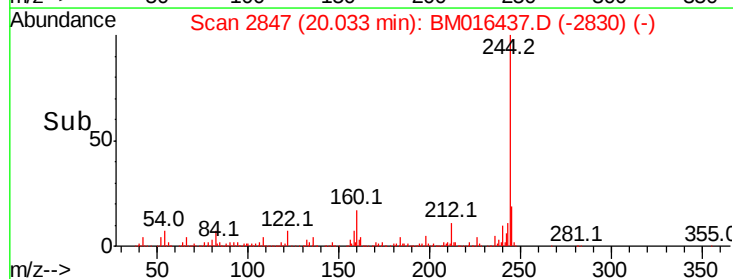
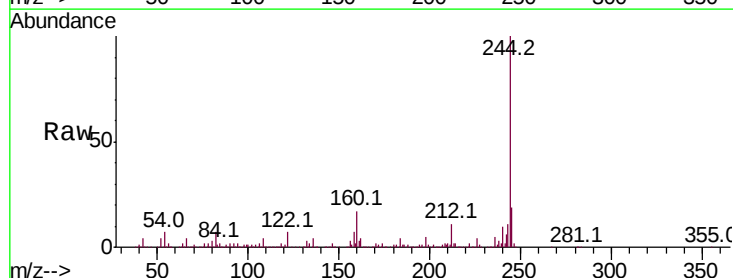
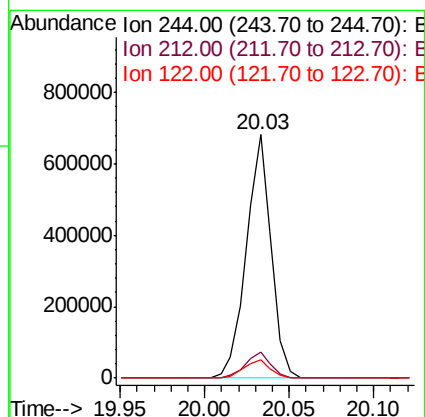
RT: 20.03 min Scan# 2847

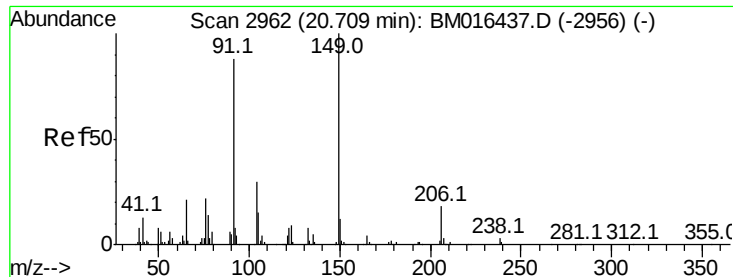
Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion:	244	Resp:	697082
Ion Ratio		Lower	Upper
244	100		
212	10.5	4.9	7.3#
122	7.5	6.2	9.4





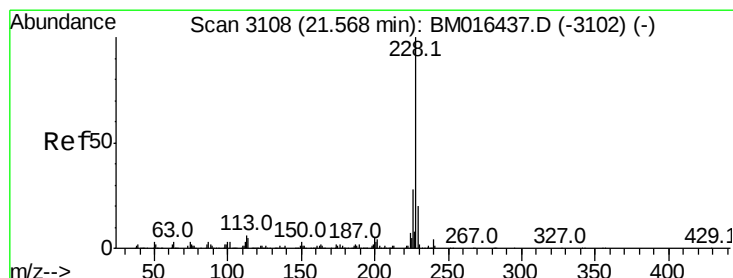
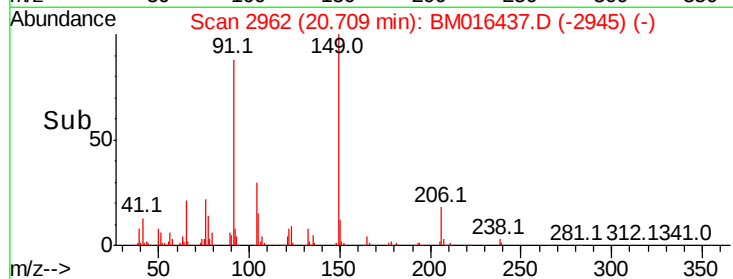
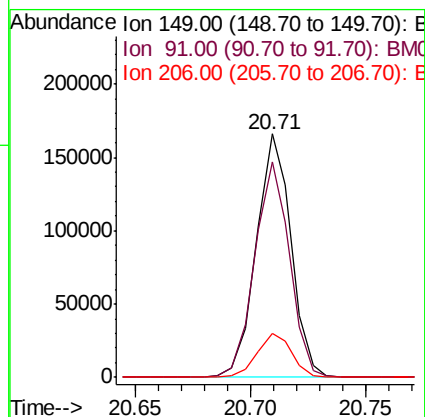
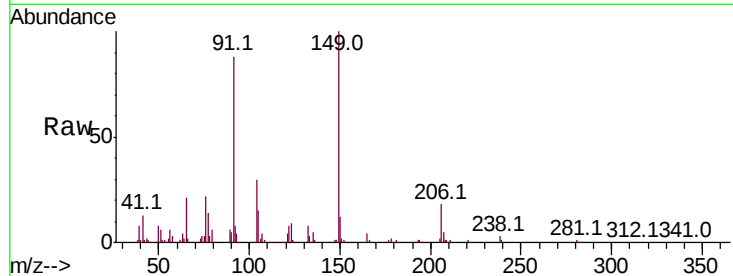
#79
Butylbenzylphthalate
Concen: 42.152 ng
RT: 20.71 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	173599		
91	88.4	50.1	75.1#	
206	17.9	16.2	24.2	

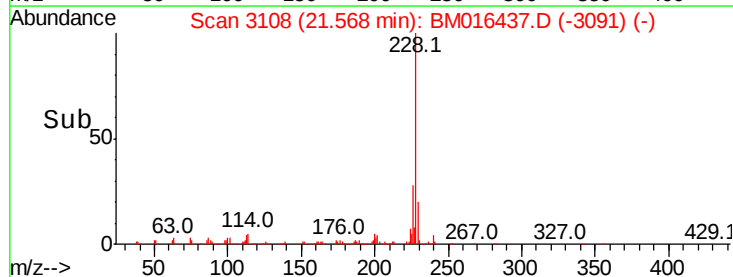
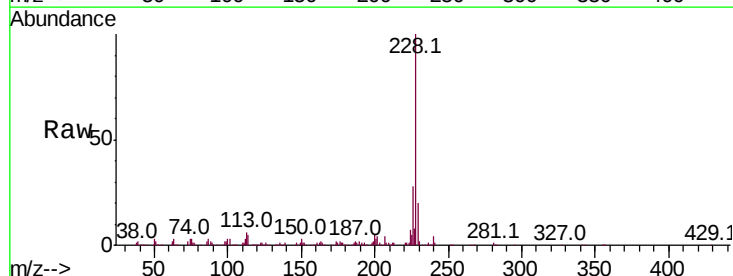
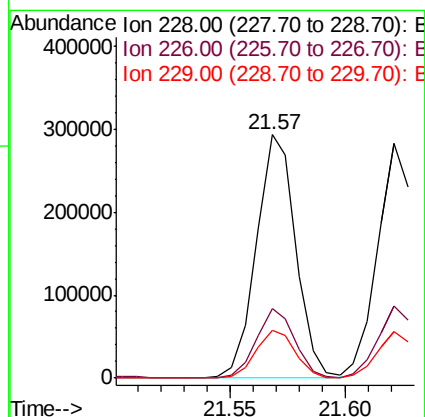
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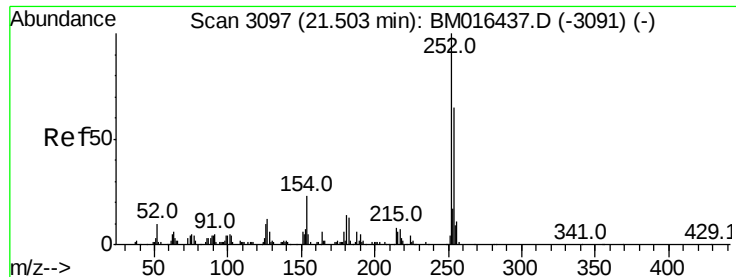
Sohil
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#80
Benzo(a)anthracene
Concen: 41.844 ng
RT: 21.57 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	348649		
226	28.3	21.7	32.5	
229	19.8	16.0	24.0	





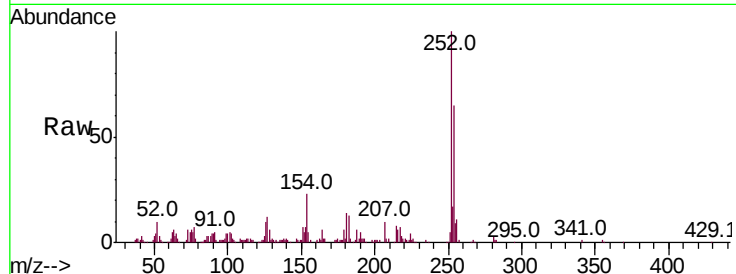
#81
 3,3'-Dichlorobenzidine
 Concen: 37.960 ng
 RT: 21.50 min Scan# 3097
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.9	77.9
126	10.1	9.8	14.8

Manual Integrations
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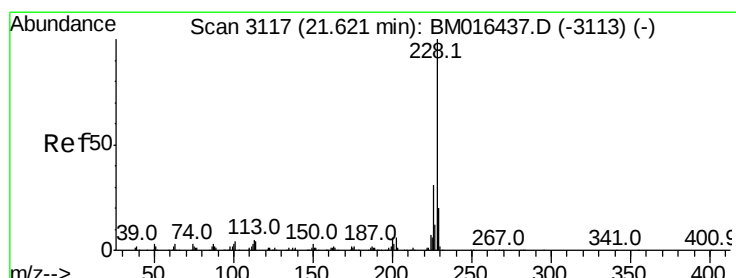
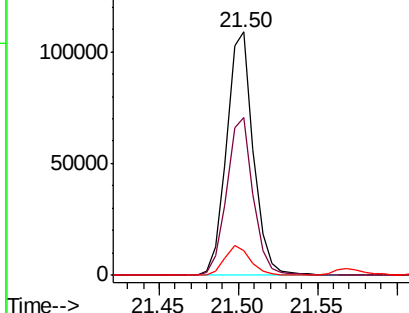
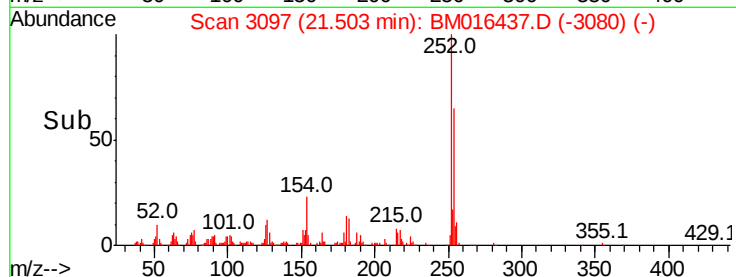


Abundance

Ion 252.00 (251.70 to 252.70): E

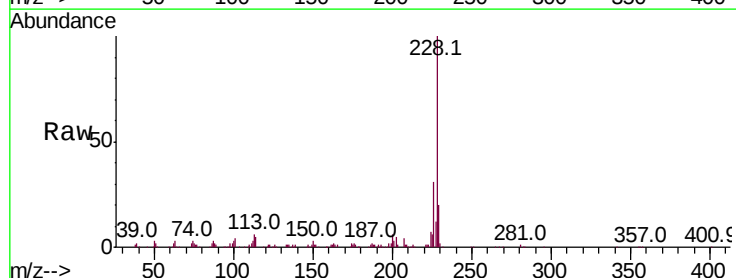
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 40.897 ng
 RT: 21.62 min Scan# 3117
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.1	36.1
229	20.1	15.5	23.3

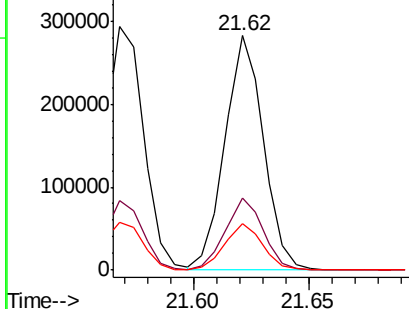
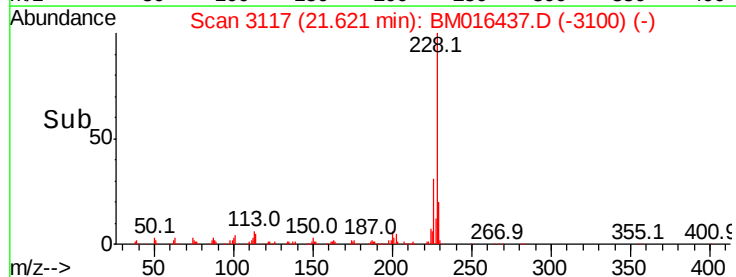


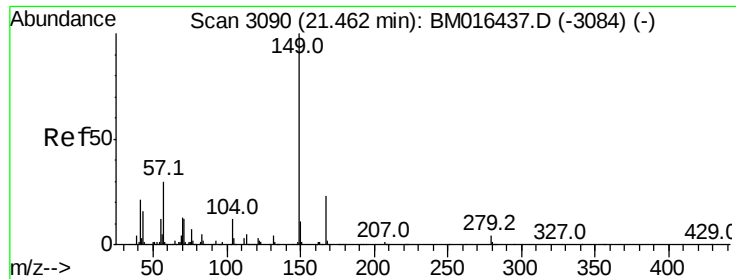
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





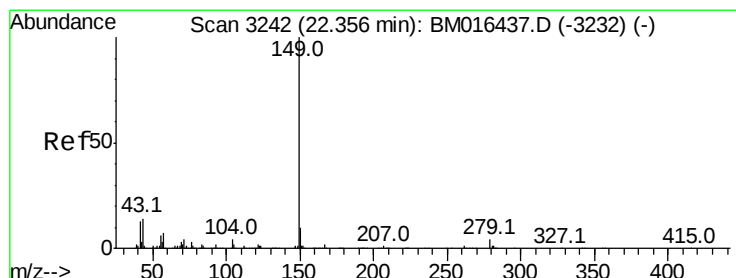
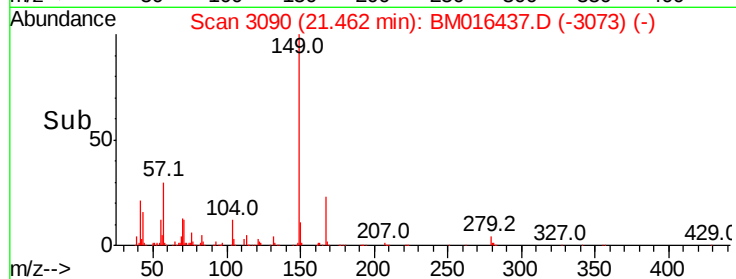
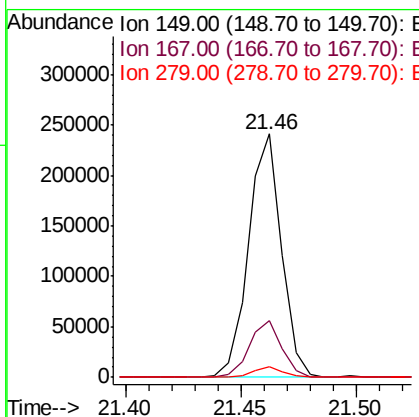
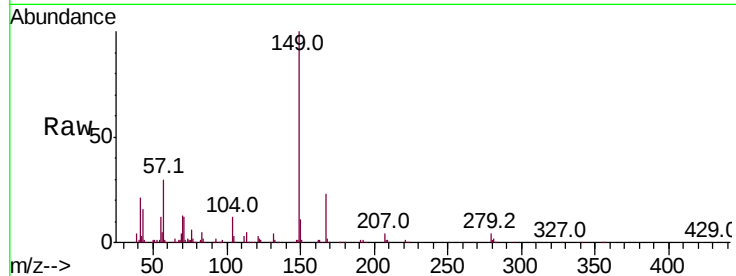
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.238 ng
 RT: 21.46 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	240165		
167	23.3		22.4	33.6
279	4.2		3.4	5.0

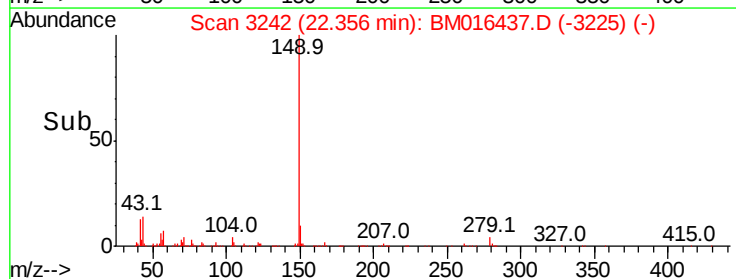
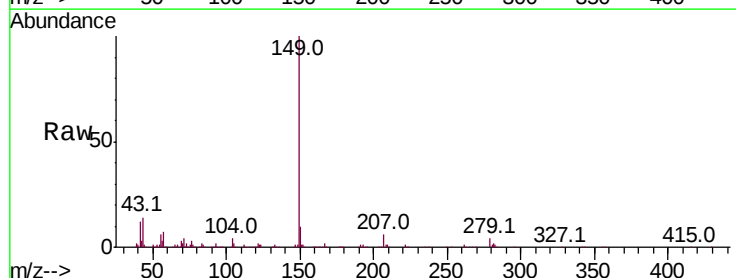
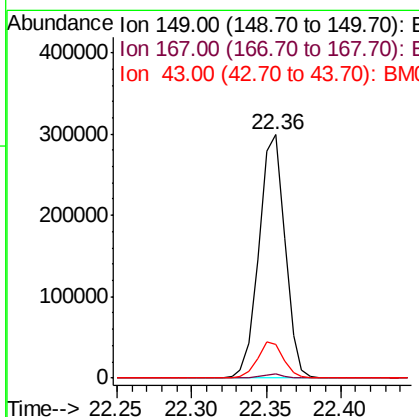
Manual Integrations
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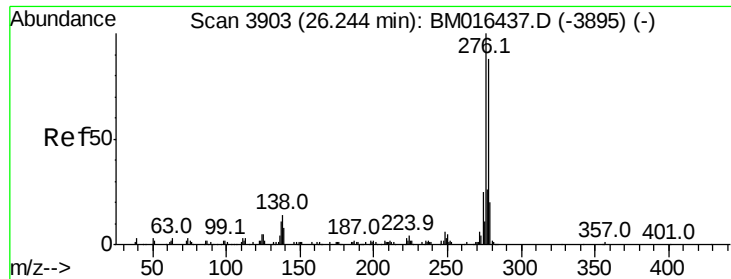
Sohil
 8/20/2018 4:17:05 PM



#84
 Di-n-octyl phthalate
 Concen: 35.610 ng
 RT: 22.36 min Scan# 3242
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	357217		
167	1.5		1.2	1.8
43	15.1		7.3	10.9#





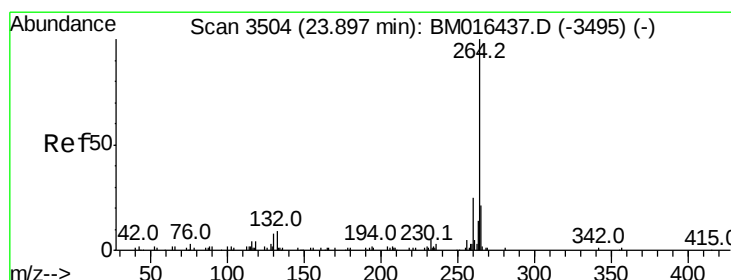
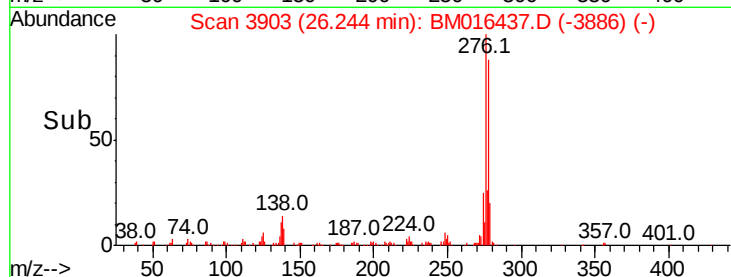
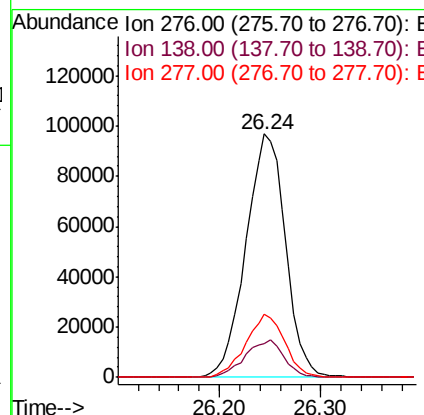
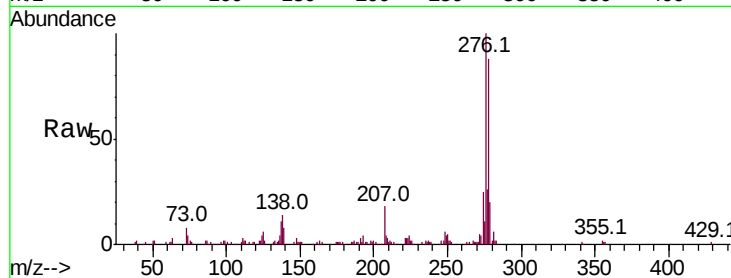
#85
Indeno(1,2,3-cd)pyrene
Concen: 27.814 ng
RT: 26.24 min Scan# 3903
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.0	18.0
277	25.2	20.0	30.0

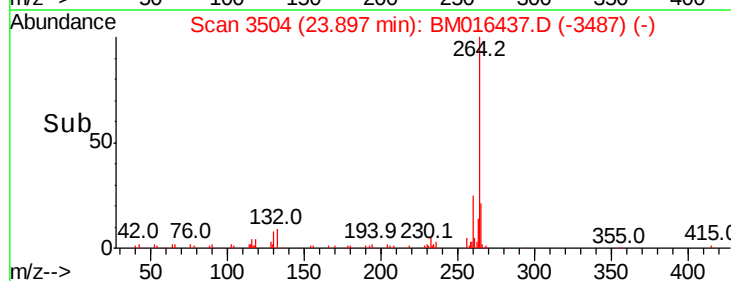
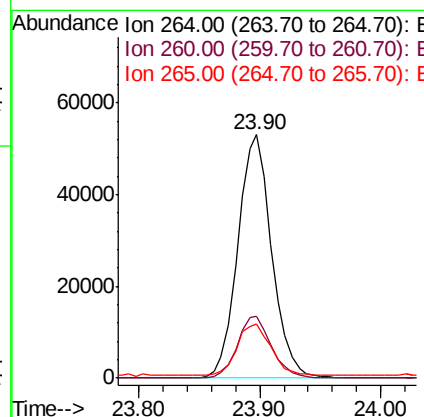
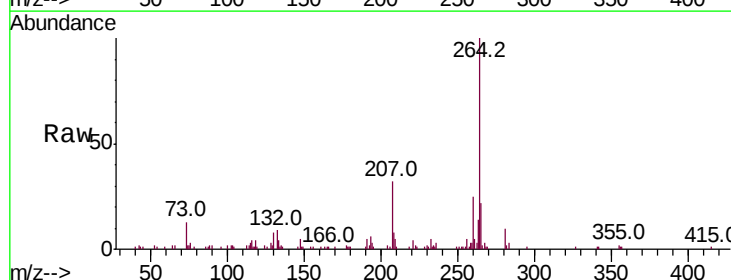
Manual Integrations
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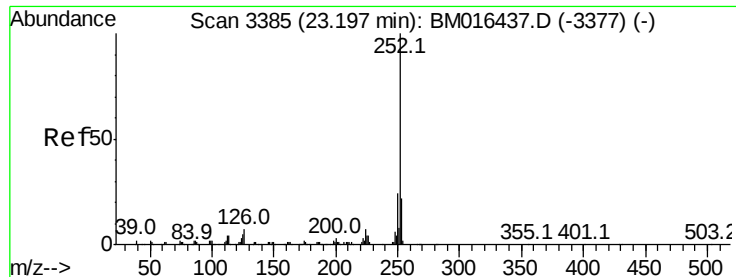
Sohil
8/20/2018 4:17:05 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3504
Delta R.T. 0.00 min
Lab File: BM016437.D
Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	18.6	27.8
265	22.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 44.230 ng

RT: 23.20 min Scan# 3385

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

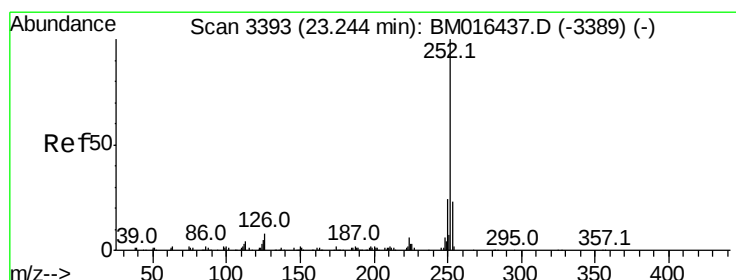
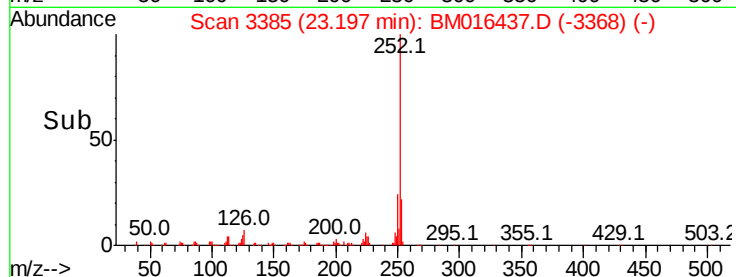
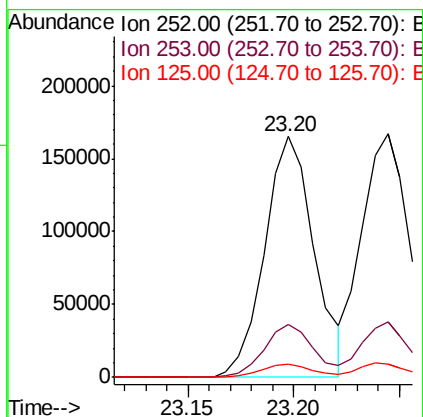
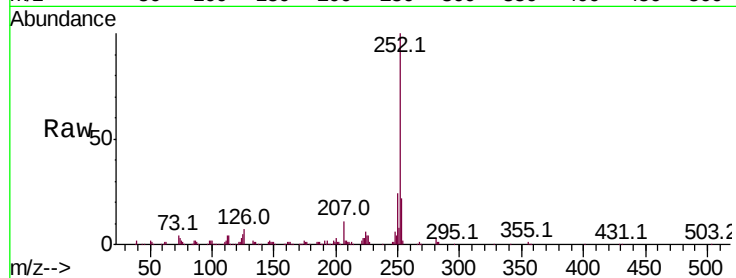
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	269912		
253	21.7	18.0	27.0	
125	5.4	9.9	14.9	

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 43.367 ng

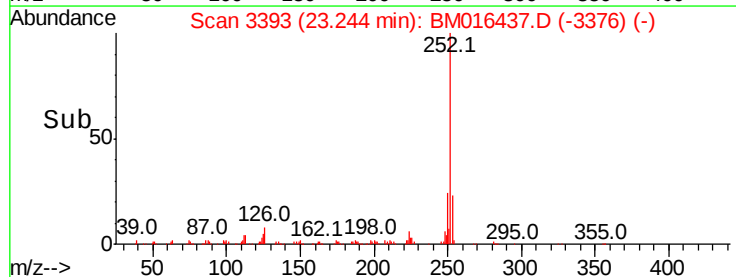
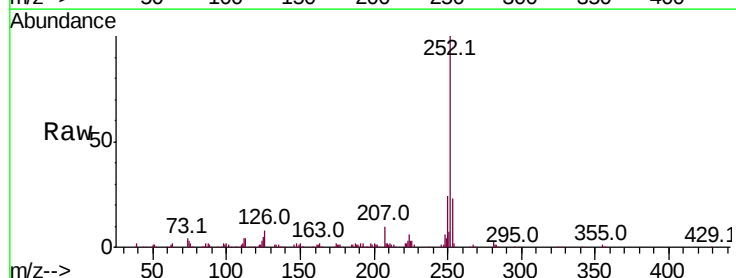
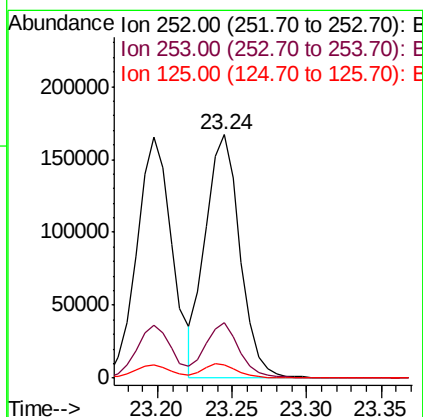
RT: 23.24 min Scan# 3393

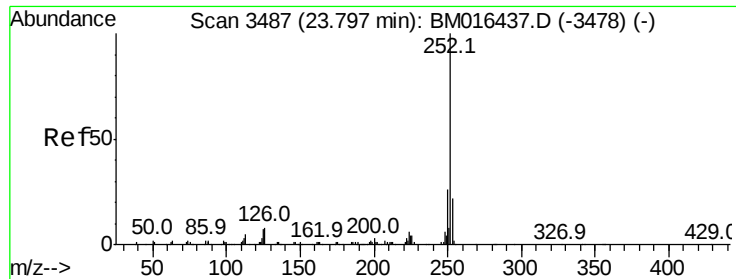
Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	268204		
253	23.0	17.2	25.8	
125	5.3	8.1	12.1	





#89

Benzo(a)pyrene

Concen: 41.908 ng

RT: 23.80 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

Instrument :

BNA_M

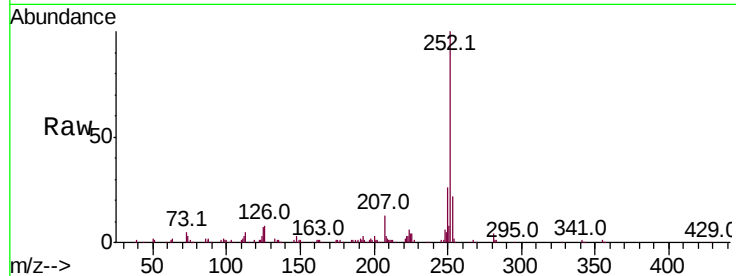
ClientSampleId :

SSTDICCC040

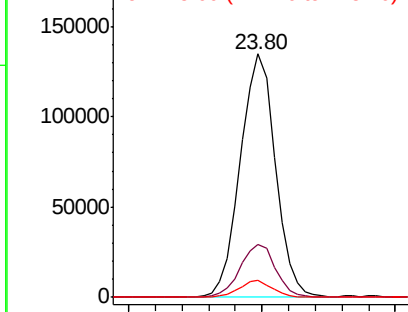
Tot Ion:	252	Resp:	245856
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.6	26.4
125	6.8	7.4	11.2

Manual Integrations
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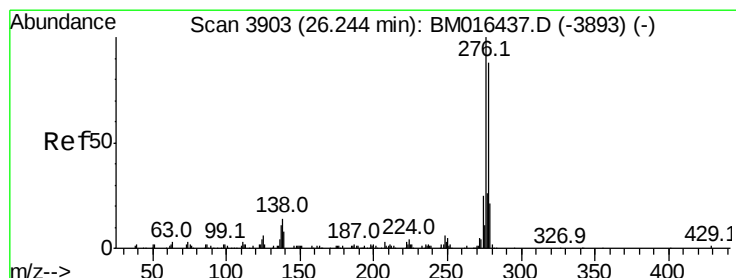
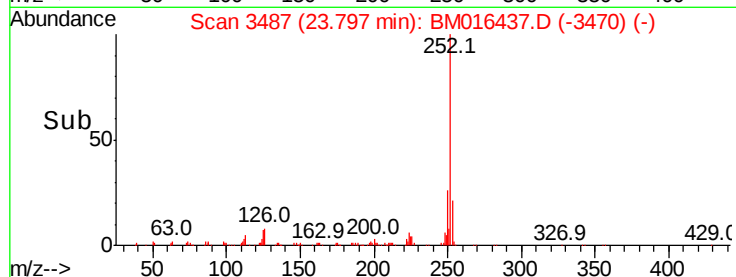
Sohil
8/20/2018 4:17:05 PM



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.70 23.80



#90

Dibenzo(a,h)anthracene

Concen: 36.495 ng

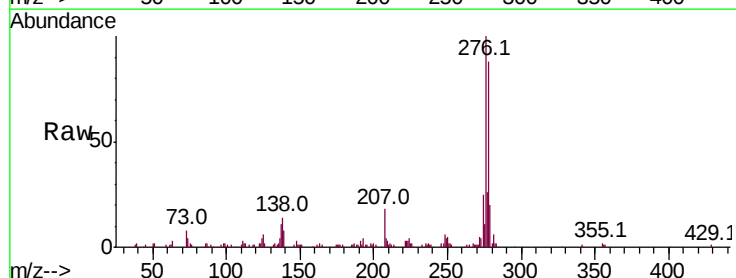
RT: 26.24 min Scan# 3903

Delta R.T. 0.00 min

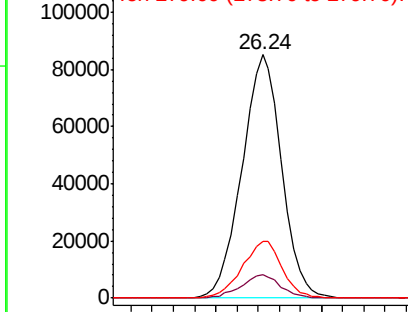
Lab File: BM016437.D

Acq: 17 Aug 2018 13:48

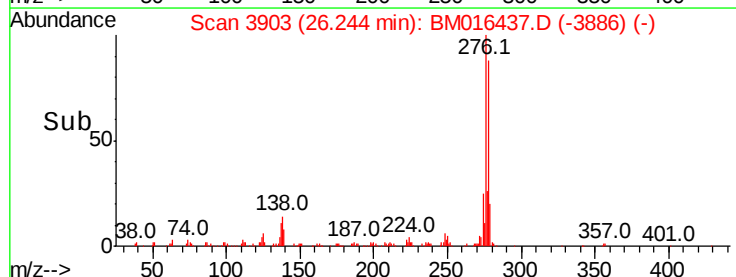
Tgt Ion:	278	Resp:	221826
Ion Ratio	Lower	Upper	
278	100		
139	9.5	13.4	20.0
279	23.2	19.0	28.4

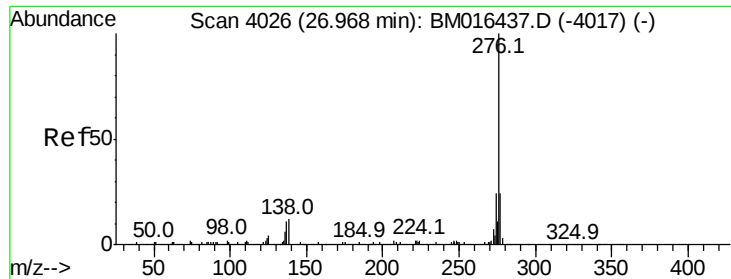


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 26.20 26.30





#91
 Benzo(a,h,i)perylene
 Concen: 35.051 ng
 RT: 26.97 min Scan# 4026
 Delta R.T. 0.00 min
 Lab File: BM016437.D
 Acq: 17 Aug 2018 13:48

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC040

Tot Ion:	276	Resp:	201497
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.5	27.7
138	12.6	19.0	28.6#

Manual Integrations
 APPROVED

Sohil
 8/20/2018 4:17:05 PM

