

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016503.D
 Acq On : 22 Aug 2018 02:55
 Operator : SJ/JU
 Sample : J4539-05MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MSD

Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:07:05 PM

Quant Time: Aug 22 04:13:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	213061	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	709945	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	558478	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1647283	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1937946	20.00	ng	0.00
86) Perylene-d12	23.83	264	1803133	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.57	112	1499409	137.91	ng	0.01
7) Phenol-d6	7.20	99	1710498	118.89	ng	0.00
23) Nitrobenzene-d5	9.21	82	1736693	111.69	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	3076992	197.09	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	7123245	122.60	ng	0.00
78) Terphenyl-d14	19.99	244	11551777	126.17	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	224008	37.293	ng	# 100
3) Pyridine	3.83	79	405549	32.450	ng	# 83
4) n-Nitrosodimethylamine	3.75	42	259531	46.614	ng	# 69
6) Aniline	7.36	93	321761	19.985	ng	93
8) 2-Chlorophenol	7.59	128	608501	47.033	ng	95
9) Benzaldehyde	7.18	77	180701	18.097	ng	# 81
10) Phenol	7.23	94	540509	37.987	ng	94
11) bis(2-Chloroethyl)ether	7.45	93	456449	42.780	ng	99
12) 1,3-Dichlorobenzene	7.90	146	752184	43.851	ng	# 90
13) 1,4-Dichlorobenzene	8.06	146	771542	43.829	ng	99
14) 1,2-Dichlorobenzene	8.37	146	764646	44.214	ng	98
15) Benzyl Alcohol	8.29	79	548274	41.035	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.55	45	287092	39.077	ng	# 44
17) 2-Methylphenol	8.48	107	450648	43.737	ng	# 78
18) Hexachloroethane	9.08	117	348846	43.016	ng	# 42
19) n-Nitroso-di-n-propylamine	8.85	70	482456	42.770	ng	# 81
20) 3+4-Methylphenols	8.82	107	595534	41.803	ng	# 83
22) Acetophenone	8.87	105	938049	54.871	ng	# 94
24) Nitrobenzene	9.25	77	784358	50.488	ng	95
25) Isophorone	9.77	82	1274234	61.317	ng	# 96
26) 2-Nitrophenol	9.96	139	360016	54.206	ng	# 55
27) 2,4-Dimethylphenol	10.01	122	538008	62.159	ng	# 73
28) bis(2-Chloroethoxy)methane	10.25	93	705904	56.904	ng	# 98
29) 2,4-Dichlorophenol	10.49	162	852976	65.847	ng	91
30) 1,2,4-Trichlorobenzene	10.69	180	1272571	64.742	ng	# 94
31) Naphthalene	10.88	128	1904562	56.307	ng	99
32) Benzoic acid	10.25	122	333797	46.093	ng	# 75
33) 4-Chloroaniline	11.02	127	182091	12.792	ng	# 90
34) Hexachlorobutadiene	11.13	225	1150653	61.333	ng	99
35) Caprolactam	11.84	113	113967m	36.665	ng	
36) 4-Chloro-3-methylphenol	12.14	107	652723	52.413	ng	96
37) 2-Methylnaphthalene	12.49	142	1722738	65.059	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1827876	57.952	ng	# 100
40) Hexachlorocyclopentadiene	12.80	237	2148079	123.837	ng	100

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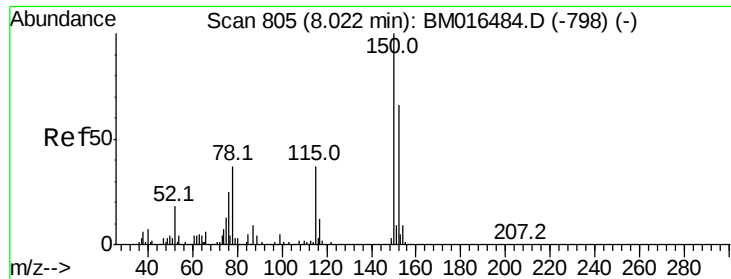
Manual Integrations
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 8/22/2018 6:07:05 PM

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	1147121	60.818	nq	99
43) 2,4,5-Trichlorophenol	13.19	196	1154236m	62.648	nq	
45) 1,1'-Biphenyl	13.49	154	2551336	52.100	nq	97
46) 2-Chloronaphthalene	13.55	162	2116219	53.192	nq	99
47) 2-Nitroaniline	13.77	65	458176	43.237	nq	92
48) Acenaphthylene	14.39	152	3174208	56.522	nq	99
49) Dimethylphthalate	14.13	163	2897630	54.005	nq	# 98
50) 2,6-Dinitrotoluene	14.27	165	575652	55.006	nq	# 91
51) Acenaphthene	14.73	154	1855441	53.778	nq	97
52) 3-Nitroaniline	14.60	138	216909	22.779	nq	# 74
53) 2,4-Dinitrophenol	14.83	184	782093	149.333	nq	# 70
54) Dibenzofuran	15.06	168	3873816	58.652	nq	98
55) 4-Nitrophenol	14.92	139	511190	84.167	nq	# 82
56) 2,4-Dinitrotoluene	15.06	165	959229	54.967	nq	# 90
57) Fluorene	15.71	166	3097331	62.078	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	1087256	61.399	nq	# 100
59) Diethylphthalate	15.48	149	2694833	48.170	nq	# 93
60) 4-Chlorophenyl-phenylether	15.70	204	2364995	56.522	nq	# 86
61) 4-Nitroaniline	15.77	138	359495	38.629	nq	# 1
62) Azobenzene	15.99	77	2690593	45.154	nq	88
64) 4,6-Dinitro-2-methylphenol	15.83	198	620746	49.594	nq	# 54
65) n-Nitrosodiphenylamine	15.92	169	2572820	55.519	nq	100
66) 4-Bromophenyl-phenylether	16.59	248	1446447	57.147	nq	100
67) Hexachlorobenzene	16.71	284	1660071	56.240	nq	96
68) Atrazine	16.87	200	1297720	61.361	nq	91
69) Pentachlorophenol	17.06	266	1591813	101.923	nq	98
70) Phenanthrene	17.45	178	5096444	59.859	nq	99
71) Anthracene	17.54	178	5221319	61.758	nq	100
72) Carbazole	17.82	167	3698637	48.680	nq	98
73) Di-n-butylphthalate	18.34	149	4504154	48.626	nq	# 96
74) Fluoranthene	19.45	202	6952568	55.694	nq	94
76) Benzidine	19.63	184	1635661	43.888	nq	99
77) Pyrene	19.80	202	6944780	65.940	nq	100
79) Butylbenzylphthalate	20.67	149	1934391	53.210	nq	# 81
80) Benzo(a)anthracene	21.53	228	6683343	58.659	nq	98
81) 3,3'-Dichlorobenzidine	21.46	252	1530994	30.188	nq	# 95
82) Chrysene	21.58	228	6092424	56.043	nq	98
83) Bis(2-ethylhexyl)phthalate	21.42	149	2751883	50.919	nq	# 98
84) Di-n-octyl phthalate	22.31	149	4425724	49.278	nq	# 92
85) Indeno(1,2,3-cd)pyrene	26.16	276	7587669	48.535	nq	# 92
87) Benzo(b)fluoranthene	23.14	252	6709128	64.547	nq	# 90
88) Benzo(k)fluoranthene	23.19	252	6301309	59.581	nq	# 93
89) Benzo(a)pyrene	23.74	252	6167960	60.986	nq	# 94
90) Dibenzo(a,h)anthracene	26.16	278	6461833	57.010	nq	# 87
91) Benzo(g,h,i)perylene	26.87	276	5826038	57.262	nq	# 81

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



#1

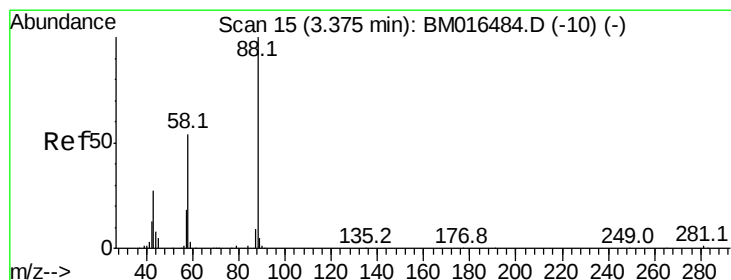
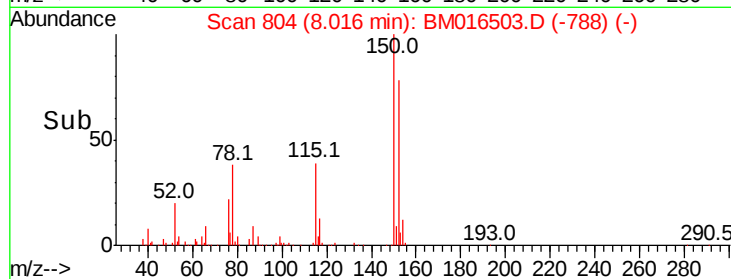
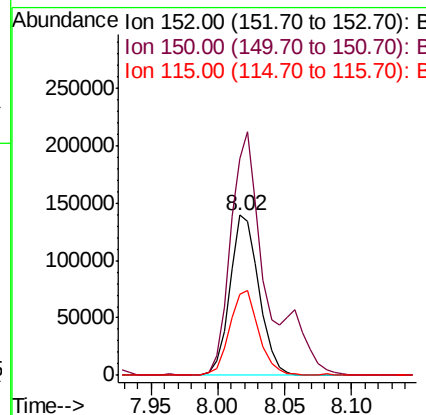
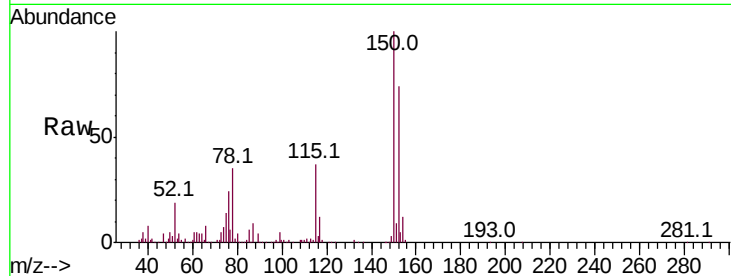
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 804
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.5	119.5	179.3
115	50.5	43.0	64.4

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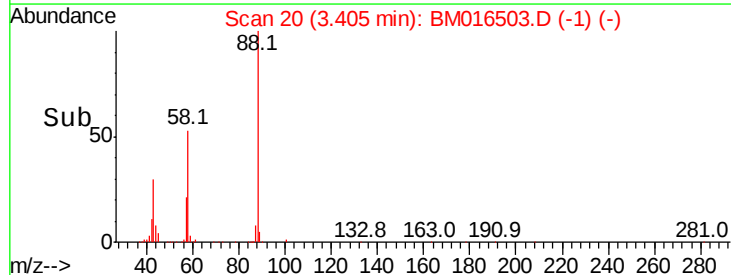
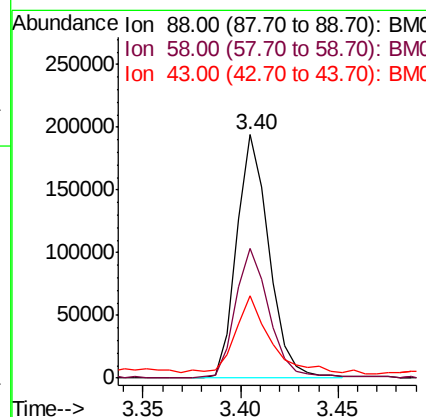
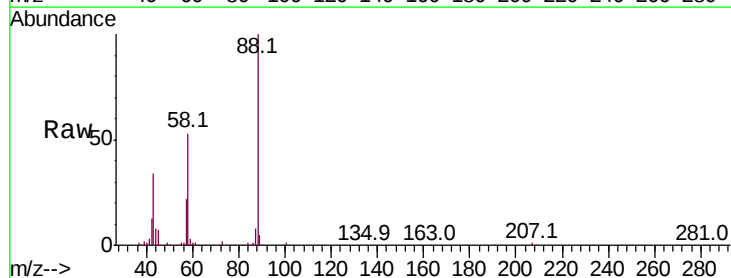
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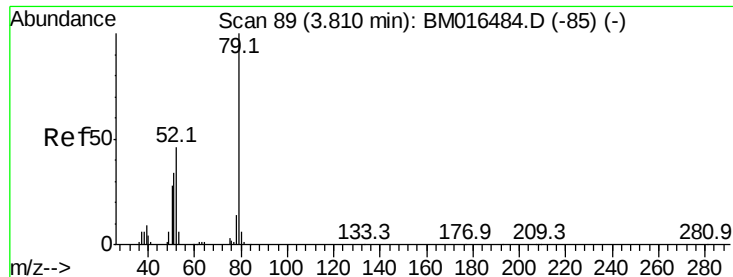


#2

1,4-Dioxane
Concen: 37.293 ng
RT: 3.40 min Scan# 20
Delta R.T. 0.03 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.3	0.0	0.0#
43	32.7	0.0	0.0#





#3

Pvridine

Concen: 32.450 ng

RT: 3.83 min Scan# 93

Delta R.T. 0.02 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

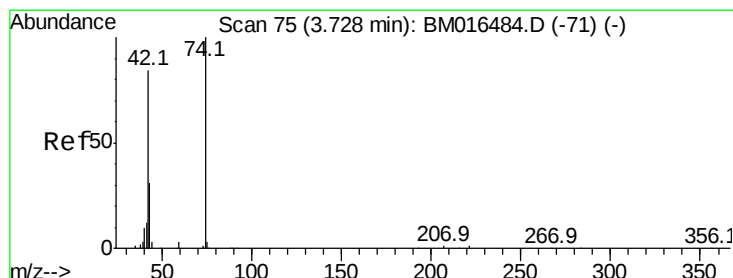
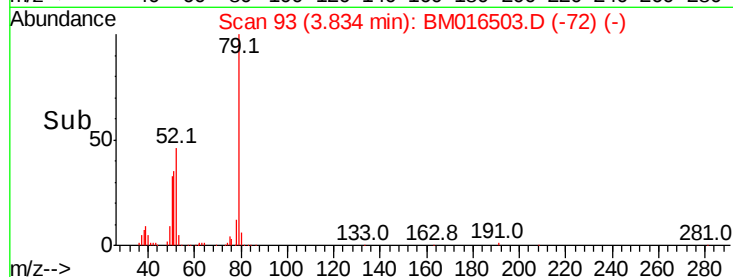
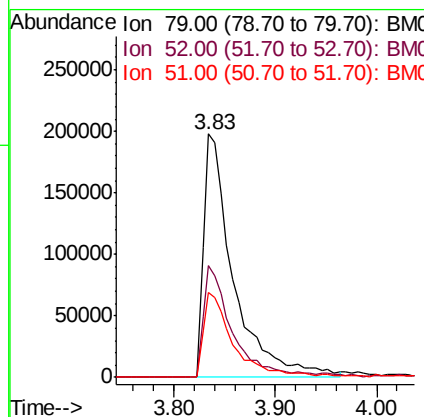
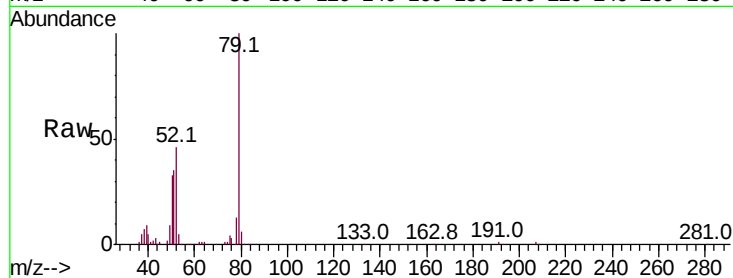
ClientSampleId :

MS-RO-27186MSD

Tot Ion:	79	Resp:	405549
Ion Ratio	Lower	Upper	
79	100		
52	45.8	51.1	76.7#
51	35.0	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 46.614 ng

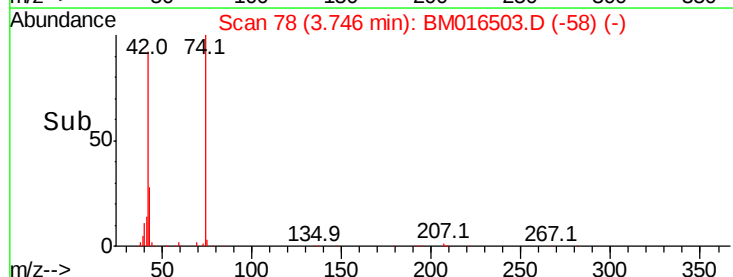
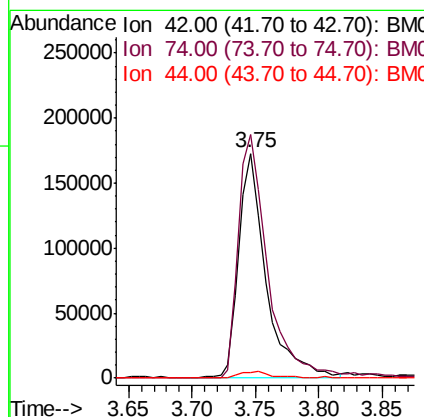
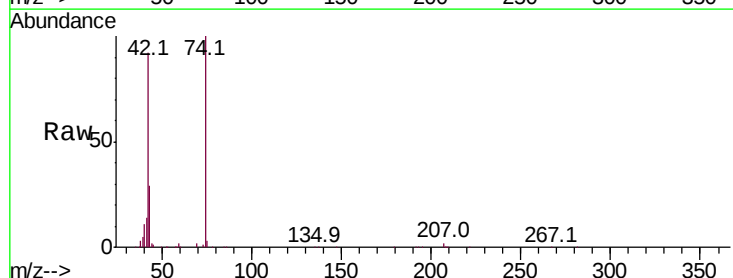
RT: 3.75 min Scan# 78

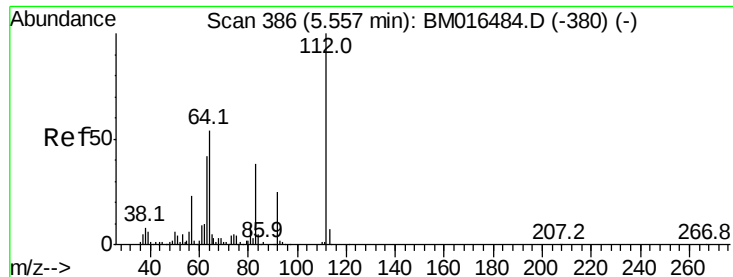
Delta R.T. 0.02 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Tgt Ion:	42	Resp:	259531
Ion Ratio	Lower	Upper	
42	100		
74	108.2	119.3	178.9#
44	2.6	5.4	8.2#





#5

2-Fluorophenol

Concen: 46.614 ng

RT: 5.57 min Scan# 388

Delta R.T. 0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

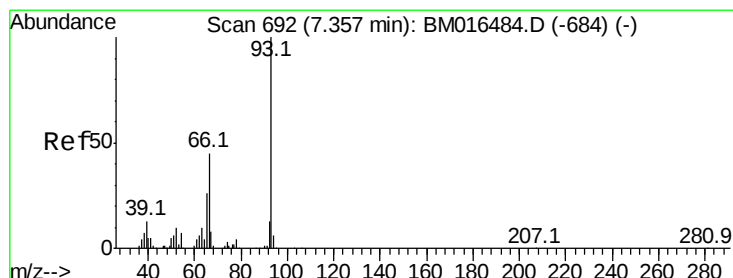
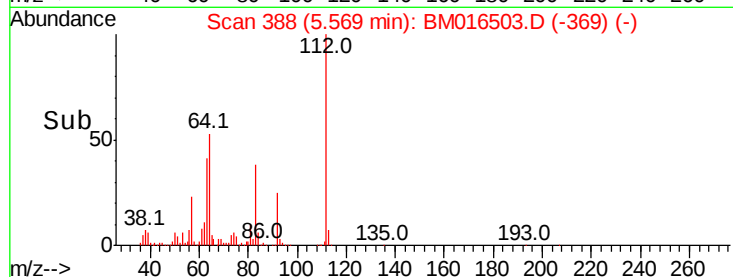
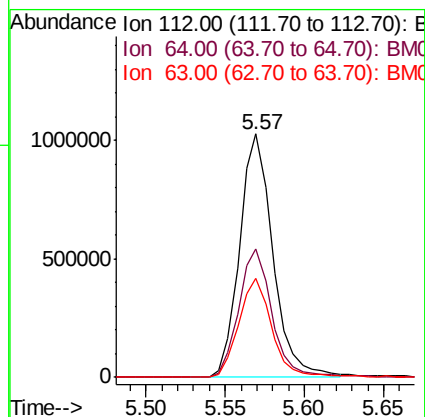
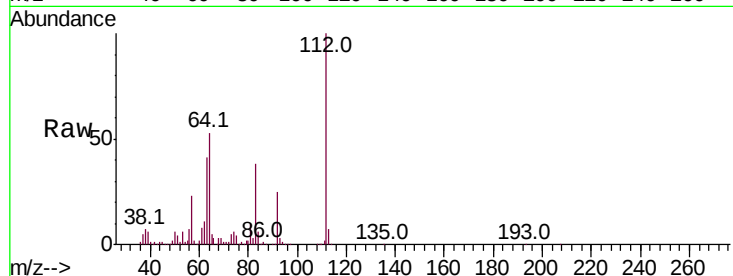
ClientSampleId :

MS-RO-27186MSD

Tot Ion:	112	Resp:	1499409
Ion	Ratio	Lower	Upper
112	100		
64	52.6	38.6	57.8
63	40.6	19.3	28.9#

Manual Integrations
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#6

Aniline

Concen: 19.985 ng

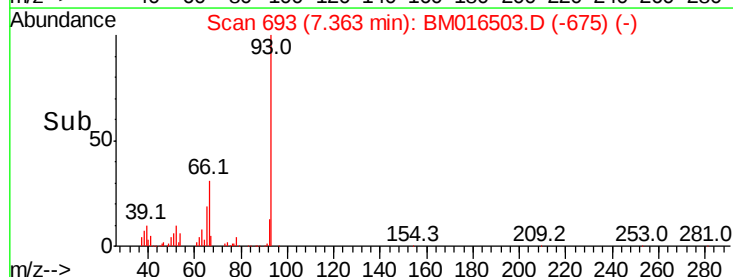
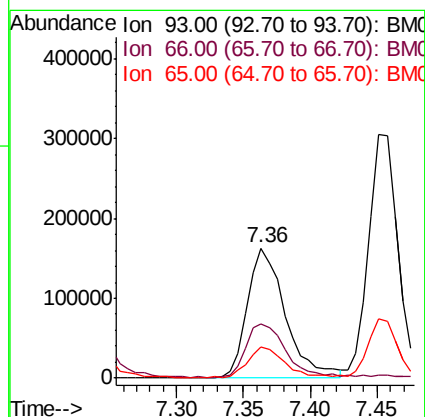
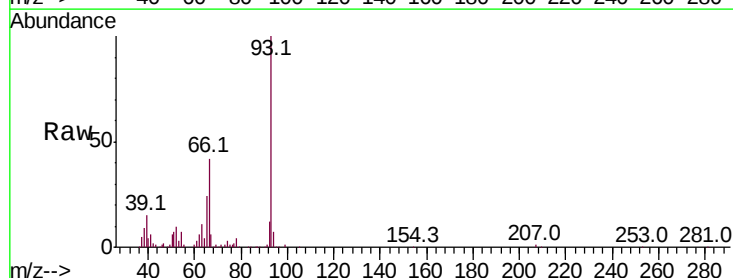
RT: 7.36 min Scan# 693

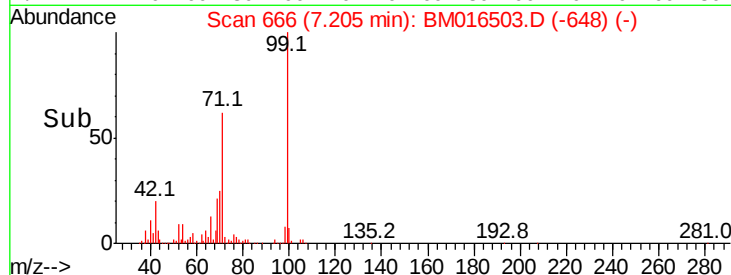
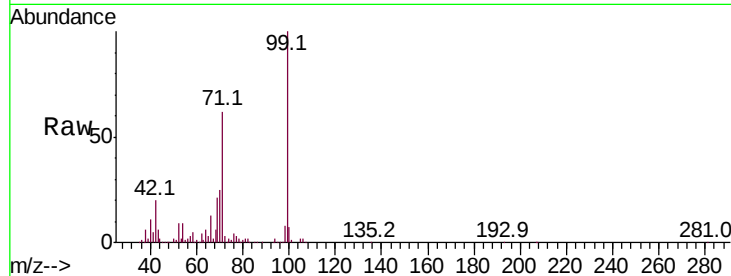
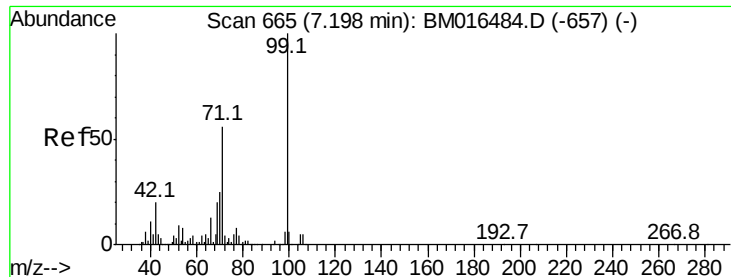
Delta R.T. 0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Tgt Ion:	93	Resp:	321761
Ion	Ratio	Lower	Upper
93	100		
66	42.1	30.8	46.2
65	23.8	16.0	24.0





#7

Phenol-d6

Concen: 19.985 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Tot Ion: 99 Resp: 1710498

Ion Ratio Lower Upper

99 100

42 19.7 11.0 16.4#

71 62.0 23.4 35.2#

Instrument :

BNA_M

ClientSampleId :

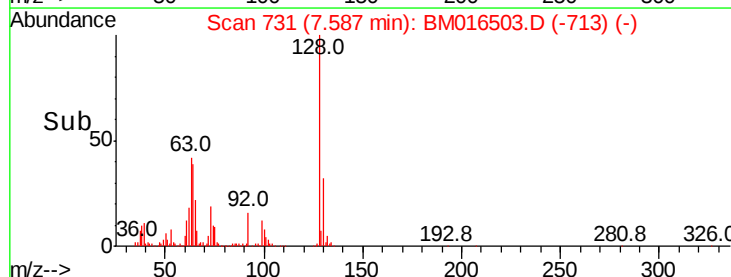
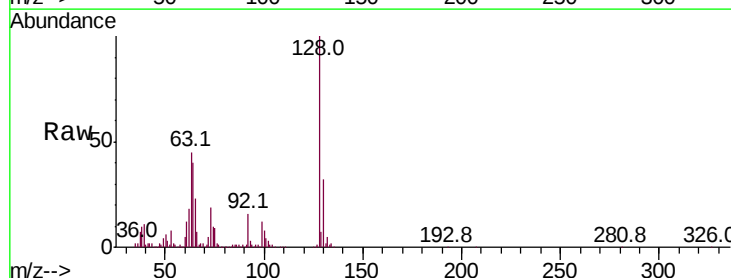
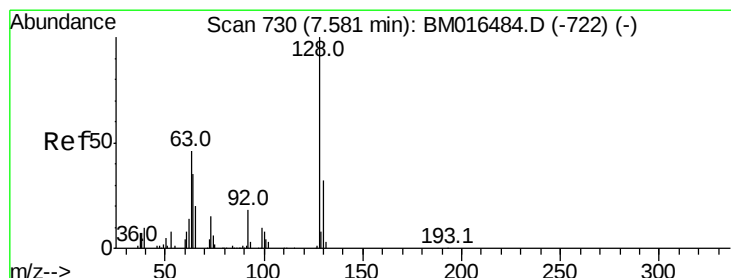
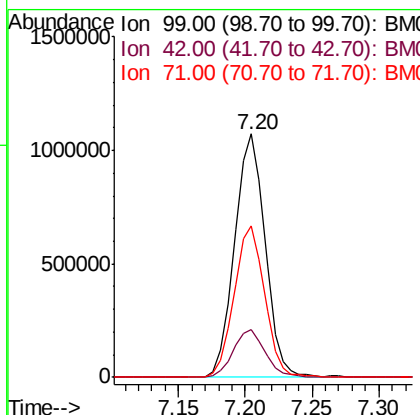
MS-RO-27186MSD

Manual Integrations

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#8

2-Chlorophenol

Concen: 47.033 ng

RT: 7.59 min Scan# 731

Delta R.T. 0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

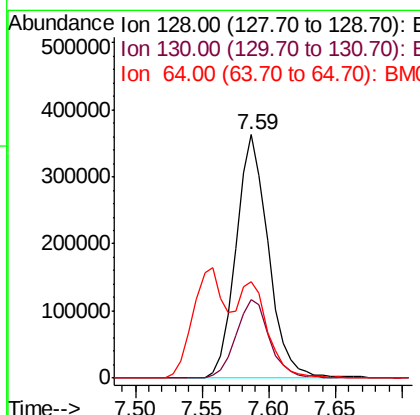
Tgt Ion: 128 Resp: 608501

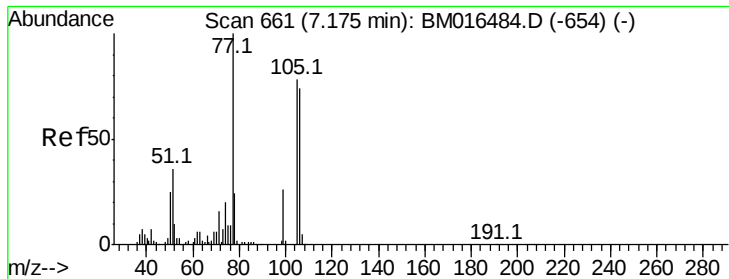
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 39.8 24.9 64.9





#9

Benzaldehyde

Concen: 18.097 ng

RT: 7.18 min Scan# 662

Delta R.T. 0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

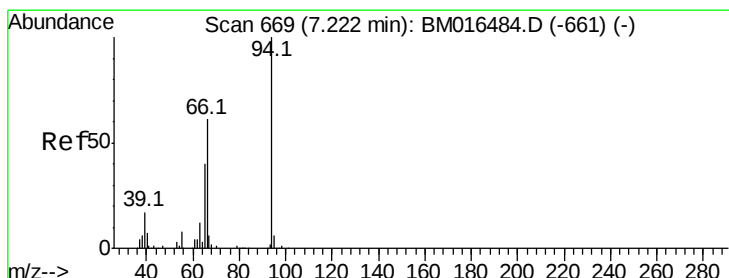
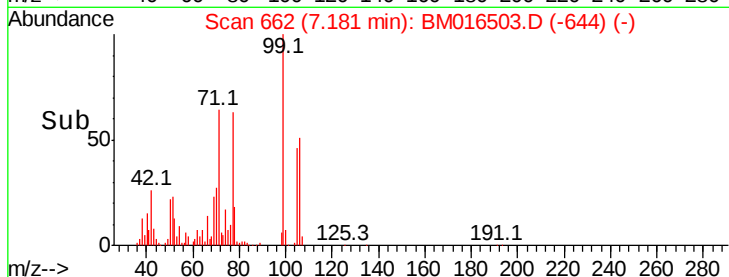
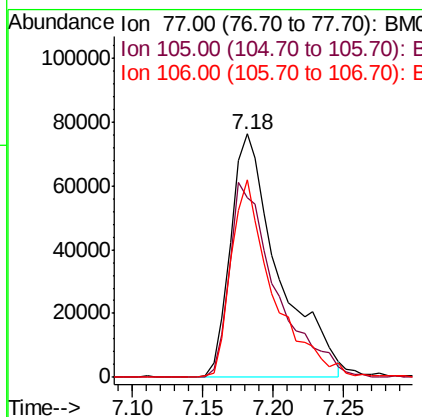
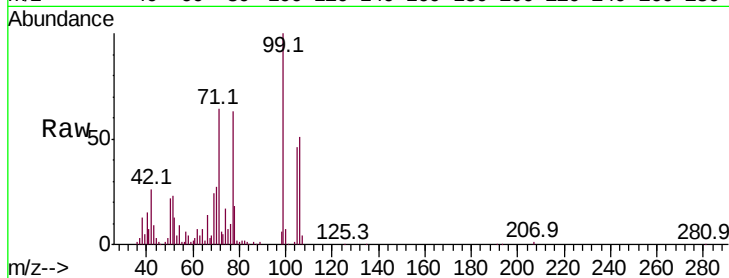
ClientSampleId :

MS-RO-27186MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	73.5	78.8	118.8	
106	81.3	73.7	113.7	

Manual Integrations
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#10

Phenol

Concen: 37.987 ng

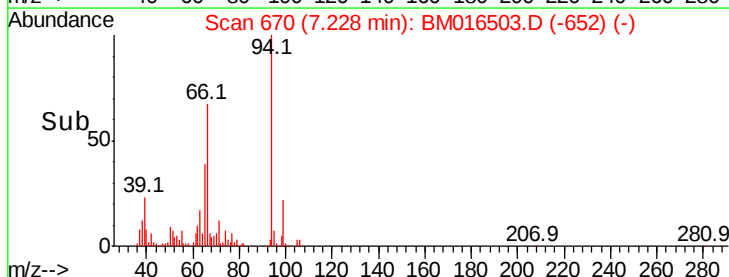
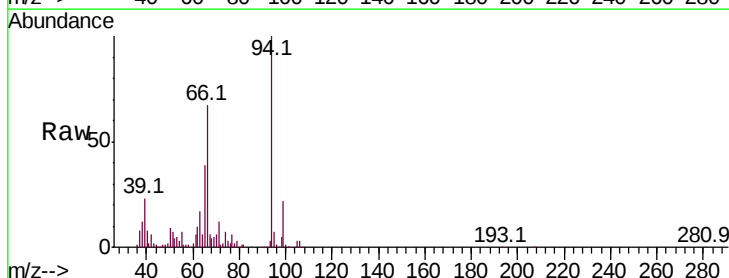
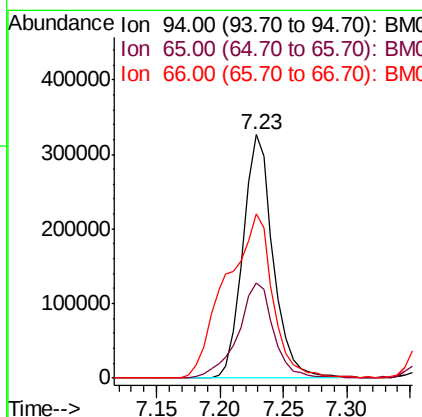
RT: 7.23 min Scan# 670

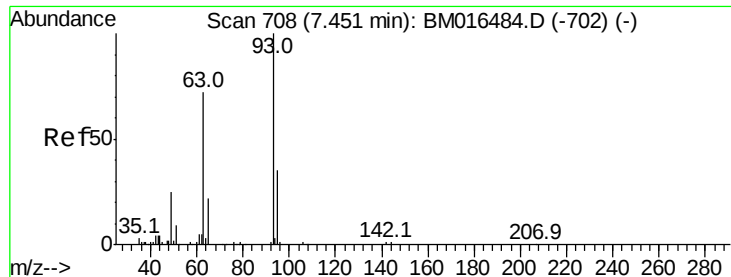
Delta R.T. 0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	39.3	18.8	58.8	
66	67.3	39.9	79.9	





#11

bis(2-Chloroethyl)ether

Concen: 42.780 ng

RT: 7.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

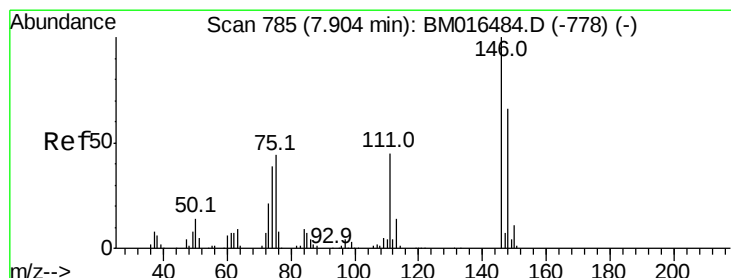
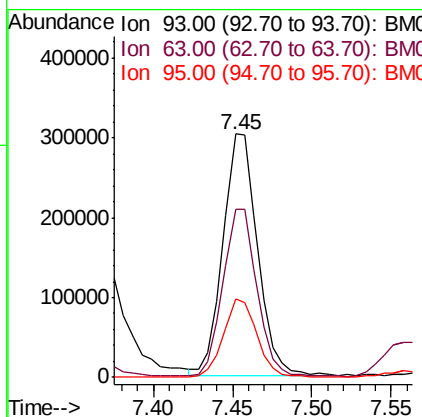
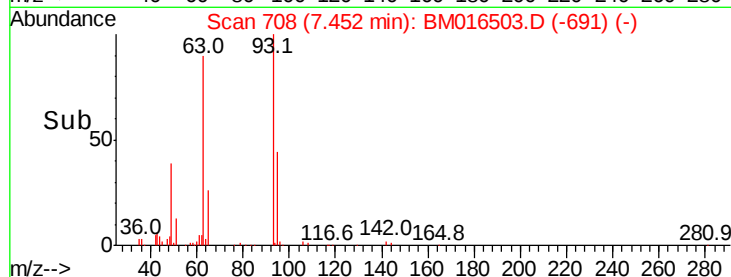
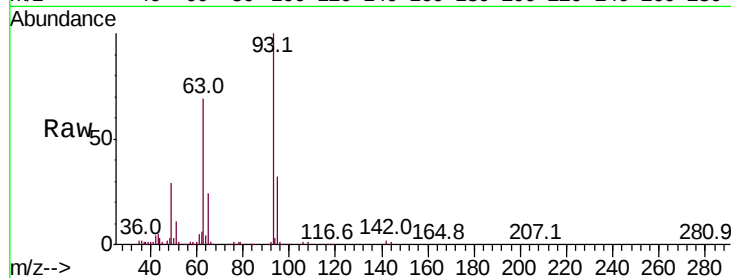
ClientSampleId :

MS-RO-27186MSD

Tot Ion:	93	Resp:	456449
Ion	Ratio	Lower	Upper
93	100		
63	68.8	49.5	89.5
95	32.4	13.5	53.5

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#12

1,3-Dichlorobenzene

Concen: 43.851 ng

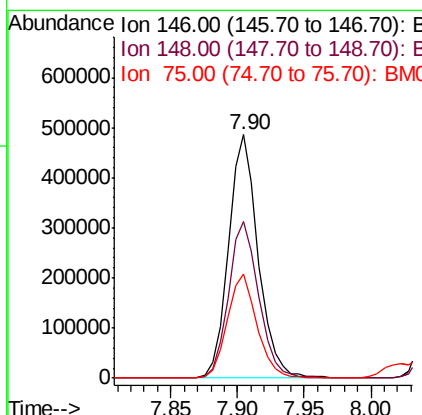
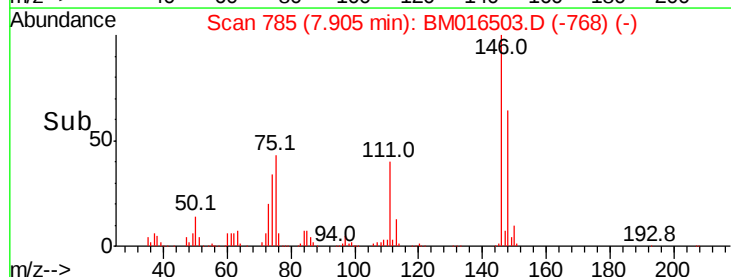
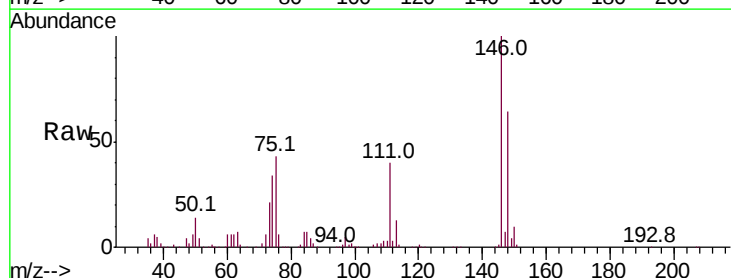
RT: 7.90 min Scan# 785

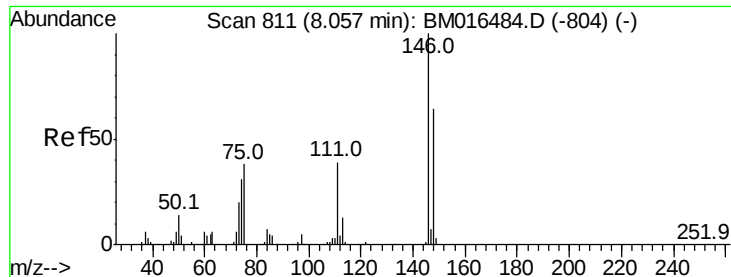
Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Tgt Ion:	146	Resp:	752184
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
75	42.6	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 43.829 ng

RT: 8.06 min Scan# 811

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

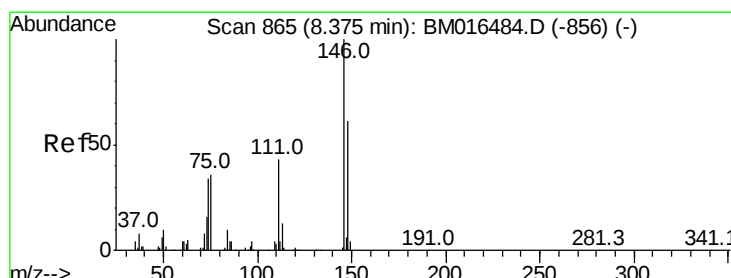
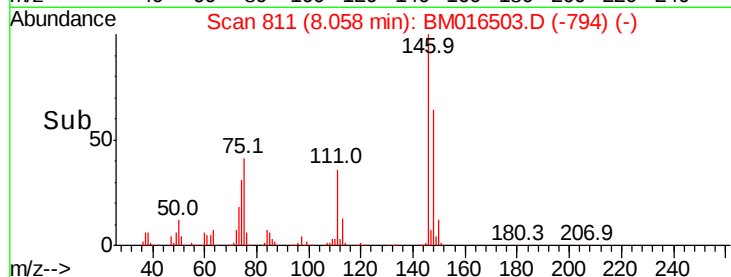
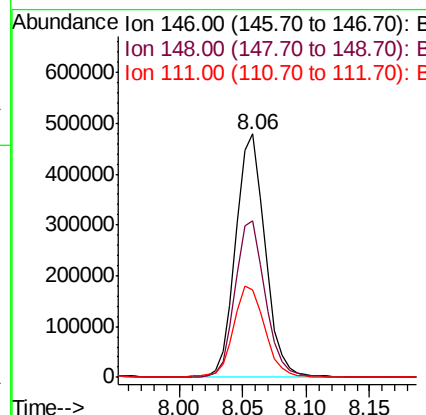
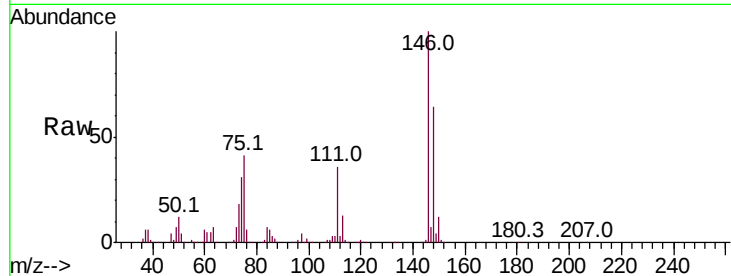
ClientSampleId :

MS-RO-27186MSD

Tot Ion:	146	Resp:	771542
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.9	77.9
111	36.0	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 44.214 ng

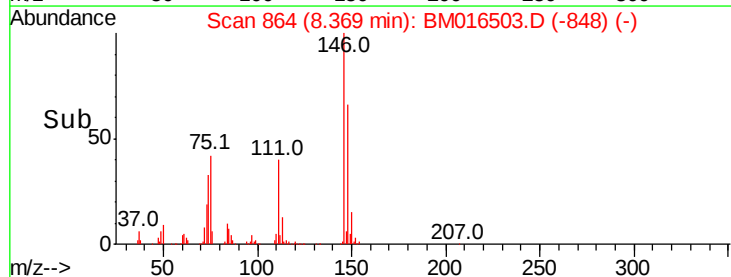
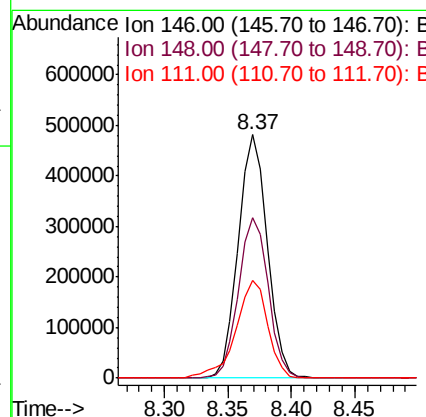
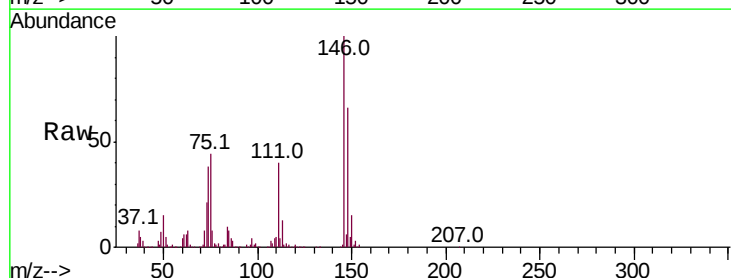
RT: 8.37 min Scan# 864

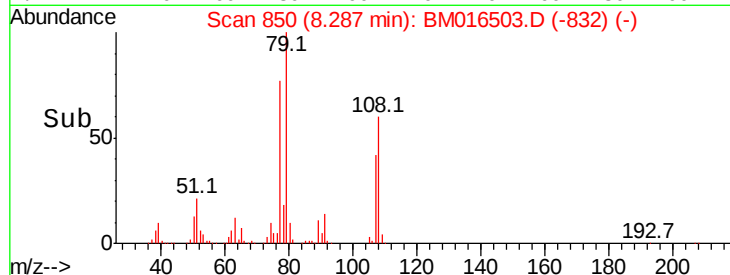
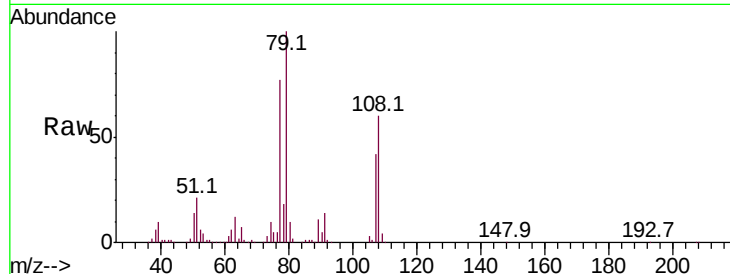
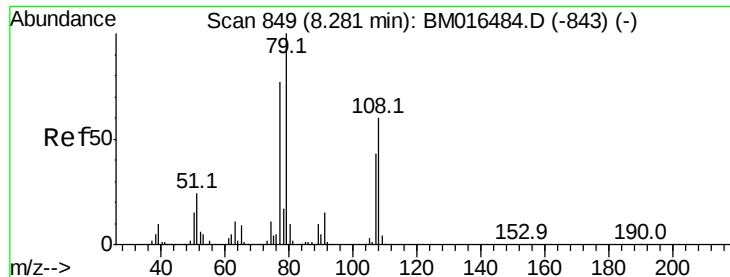
Delta R.T. -0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Tgt Ion:	146	Resp:	764646
Ion Ratio	Lower	Upper	
146	100		
148	66.0	52.3	78.5
111	40.0	30.6	45.8





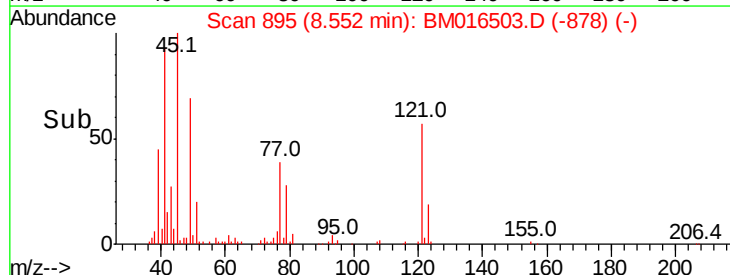
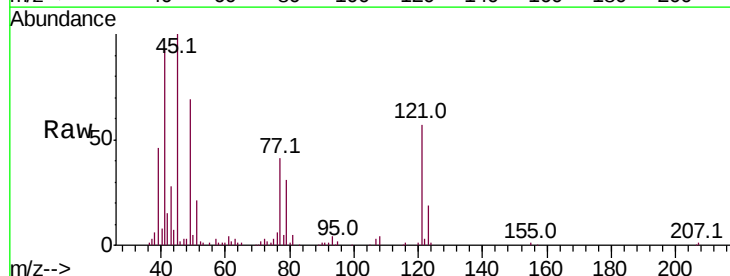
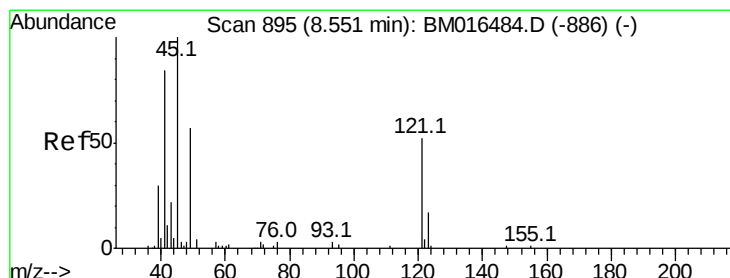
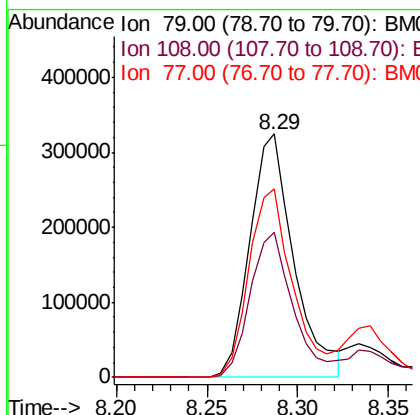
#15
Benzyl Alcohol
Concen: 41.035 ng
RT: 8.29 min Scan# 850
Delta R.T. 0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tot Ion	Ratio	Lower	Upper
79	100		
108	59.7	65.0	97.4#
77	77.2	53.0	79.6

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

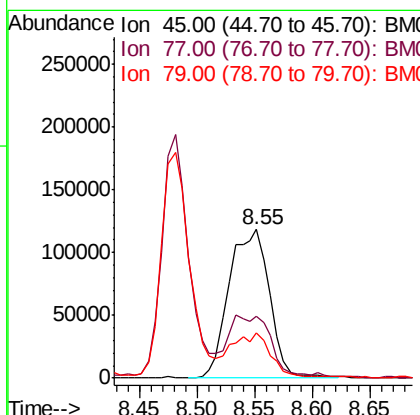
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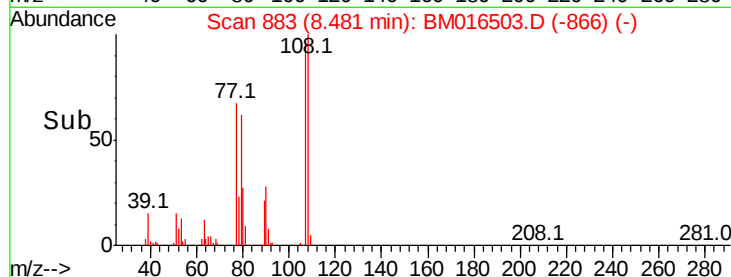
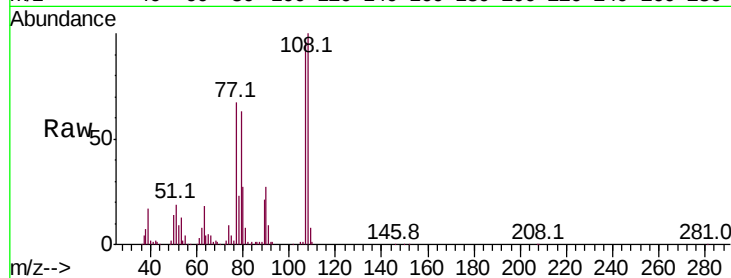
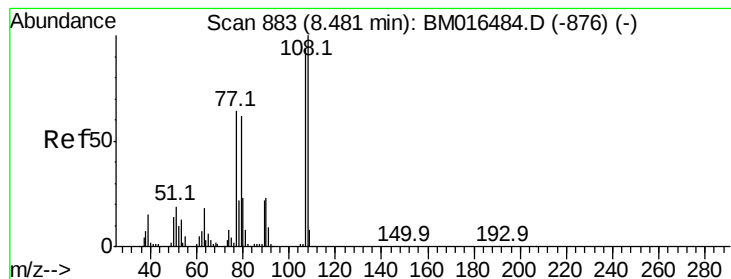
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.077 ng
RT: 8.55 min Scan# 895
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	41.4	0.0	35.2#
79	30.6	0.0	32.0





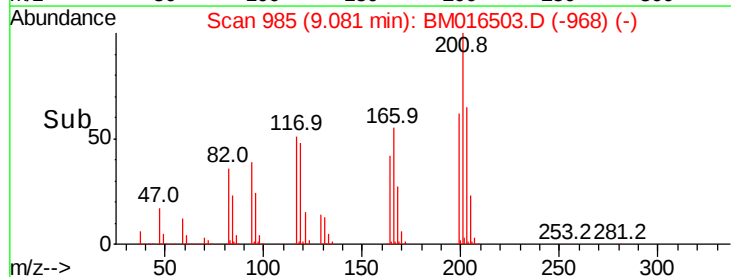
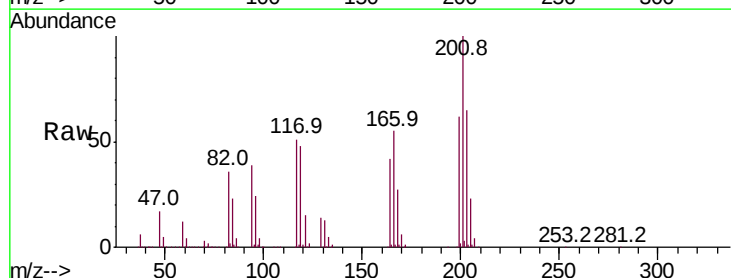
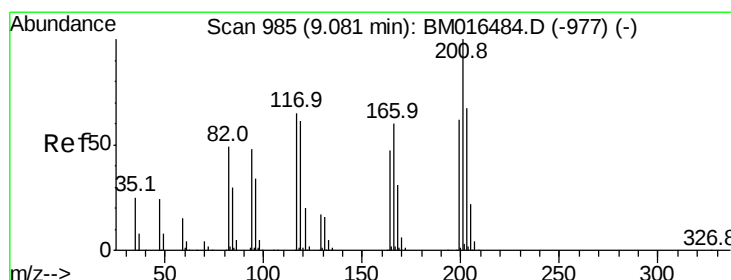
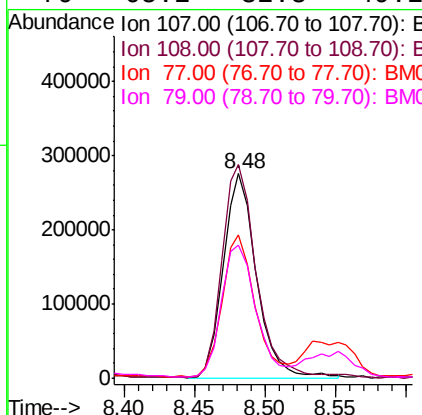
#17
2-Methylphenol
Concen: 43.737 ng
RT: 8.48 min Scan# 883
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Resp Lower	Upper
107	100		
108	104.4	89.8	134.8
77	70.3	32.6	48.8#
79	65.2	32.8	49.2#

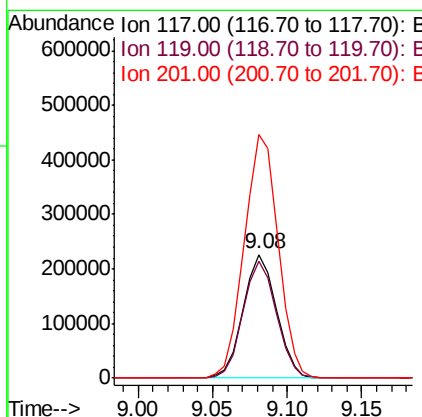
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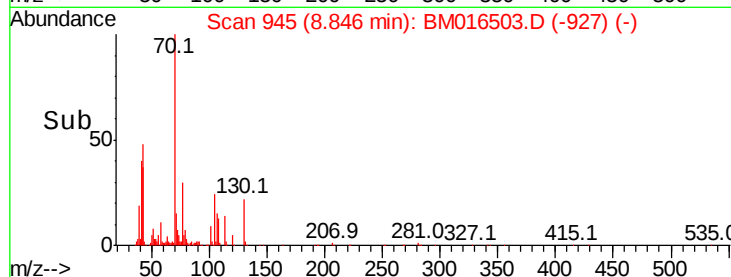
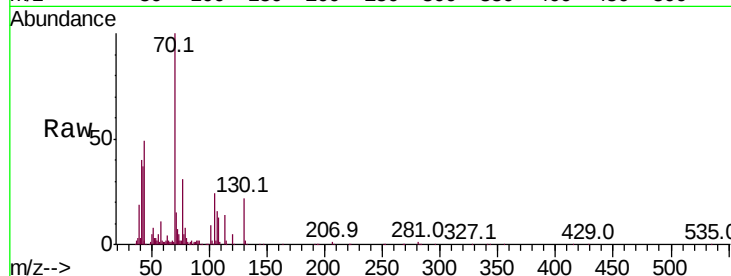
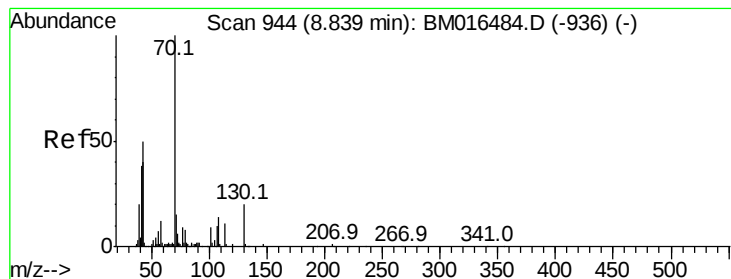
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#18
Hexachloroethane
Concen: 43.016 ng
RT: 9.08 min Scan# 985
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Resp Lower	Upper
117	100		
119	94.2	79.2	118.8
201	196.8	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 42.770 ng

RT: 8.85 min Scan# 945

Delta R.T. 0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MSD

Tot Ion: 70 Resp: 482456

Ion Ratio Lower Upper

70 100

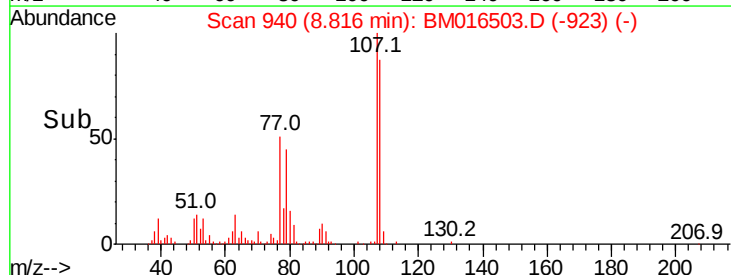
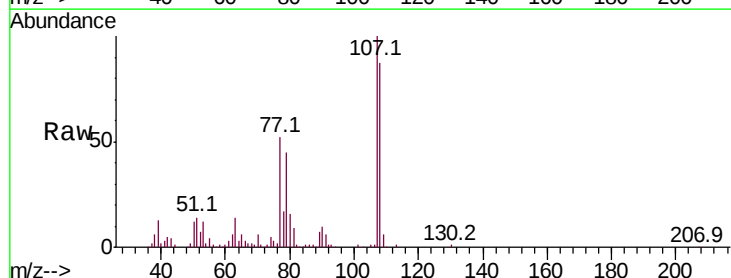
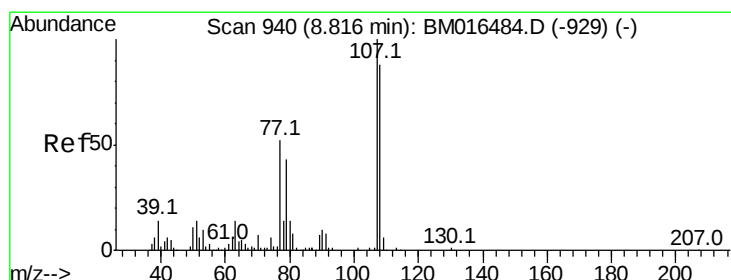
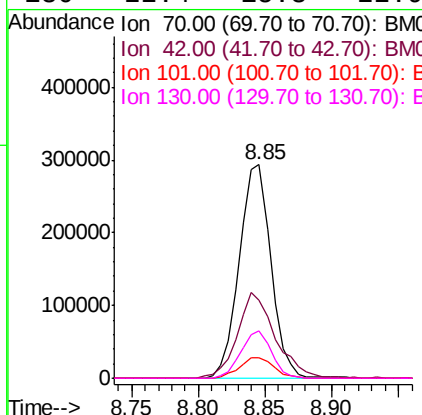
42 36.7 44.5 66.7#

101 9.3 7.4 11.2

130 22.4 15.3 22.9

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#20

3+4-Methylphenols

Concen: 41.803 ng

RT: 8.82 min Scan# 940

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Tgt Ion: 107 Resp: 595534

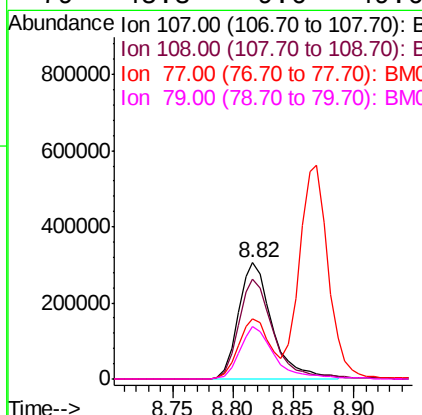
Ion Ratio Lower Upper

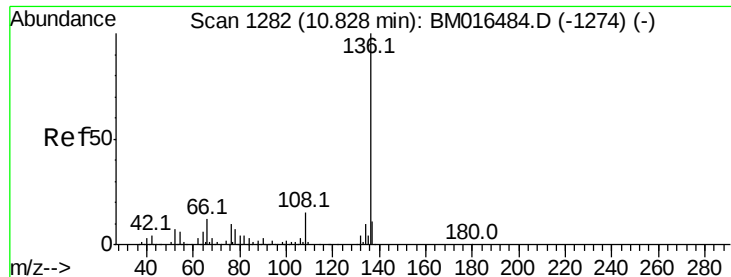
107 100

108 86.6 73.2 113.2

77 51.6 10.7 50.7#

79 45.3 9.6 49.6





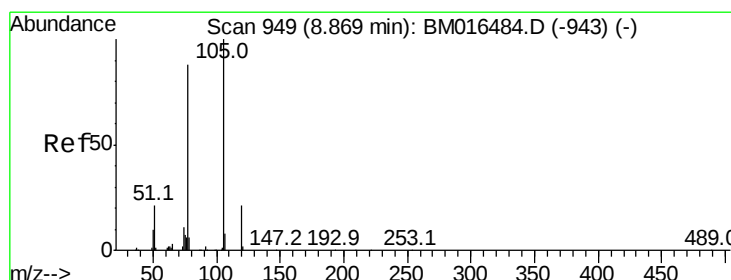
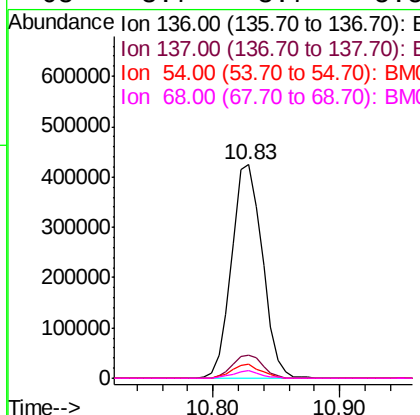
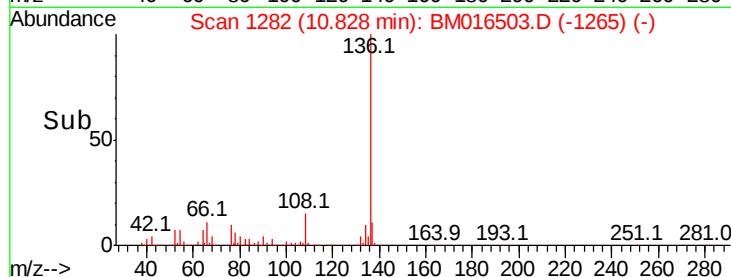
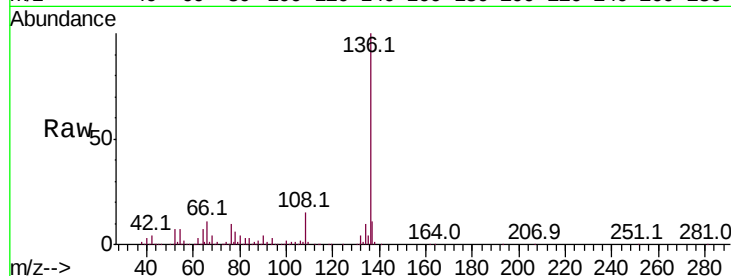
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	709945		
137	10.7		8.7	13.1
54	6.5		4.6	6.8
68	3.7		3.7	5.5

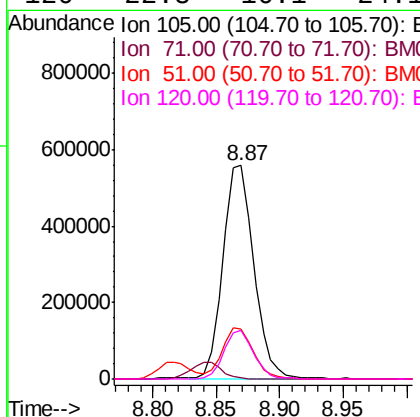
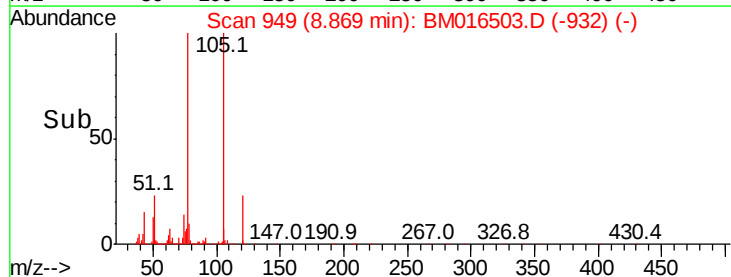
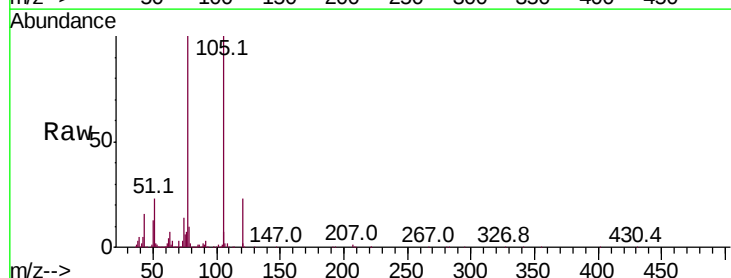
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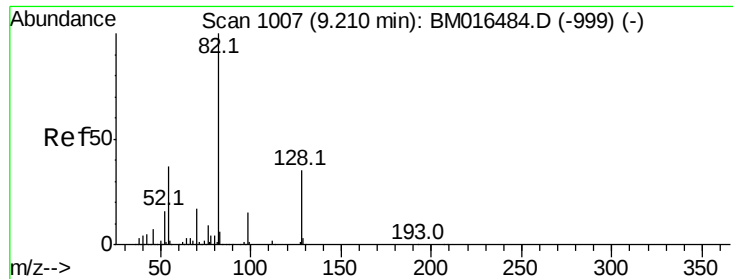
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#22
Acetophenone
Concen: 54.871 ng
RT: 8.87 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	938049		
71	0.4		0.6	1.0#
51	23.3		21.6	32.4
120	22.8		16.1	24.1





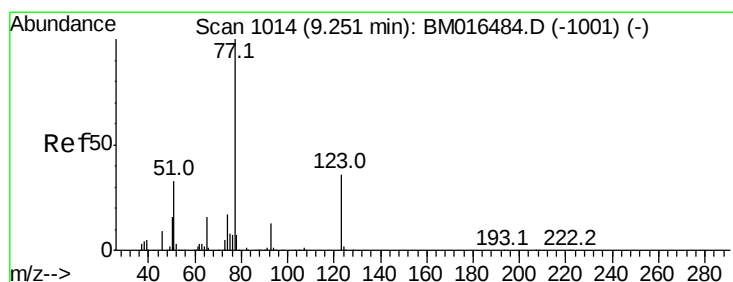
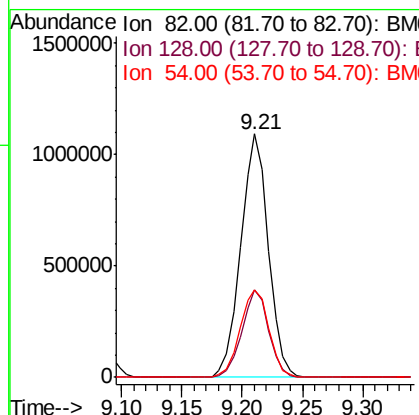
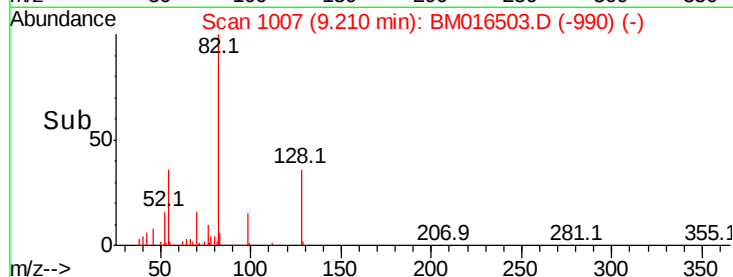
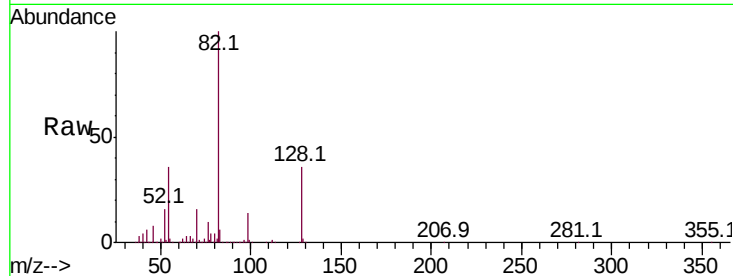
#23
 Nitrobenzene-d5
 Concen: 54.871 ng
 RT: 9.21 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.9	32.8	49.2
54	35.9	40.6	60.8#

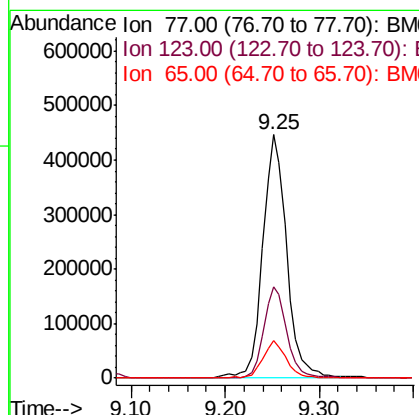
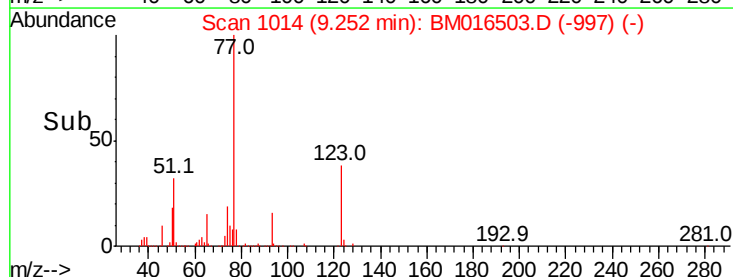
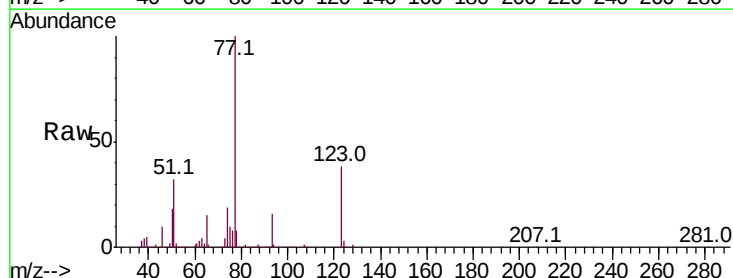
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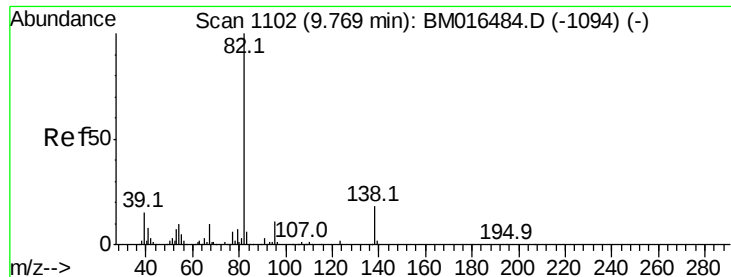
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#24
 Nitrobenzene
 Concen: 50.488 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.7	32.6	49.0
65	15.2	10.9	16.3





#25

Isophorone

Concen: 61.317 ng

RT: 9.77 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MSD

Tot Ion: 82 Resp: 1274234

Ion Ratio Lower Upper

82 100

95 11.2 5.8 8.6#

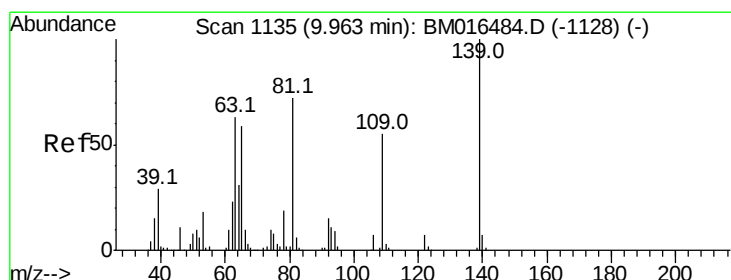
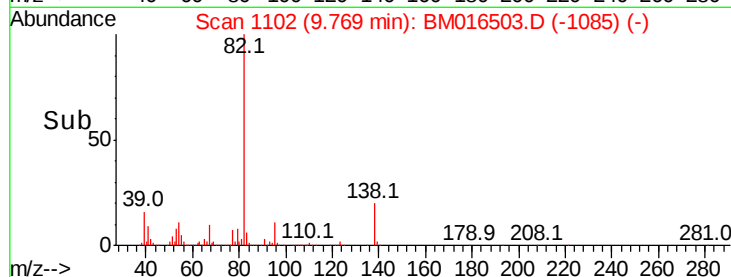
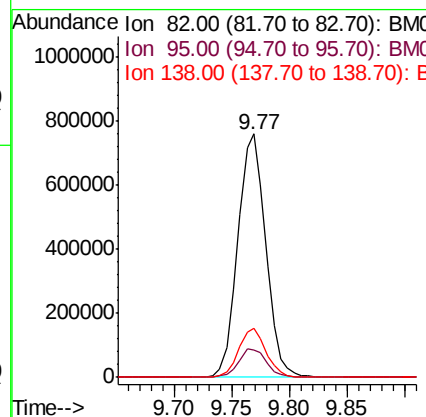
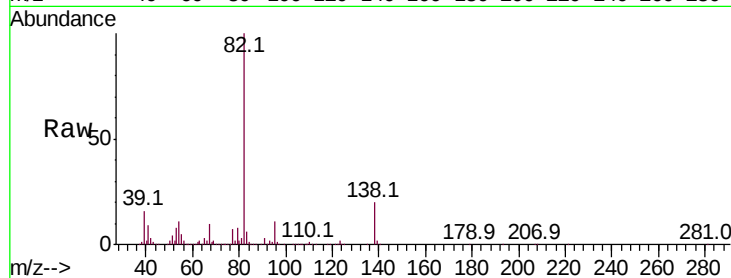
138 20.1 16.3 24.5

Manual Integrations

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#26

2-Nitrophenol

Concen: 54.206 ng

RT: 9.96 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

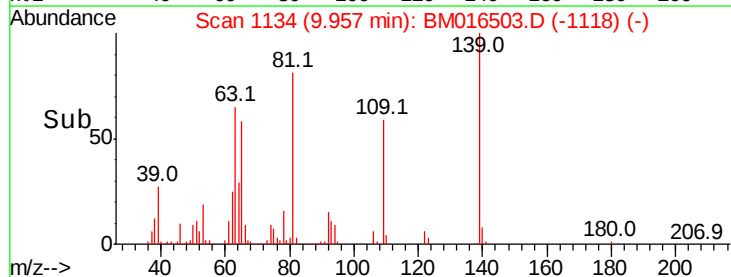
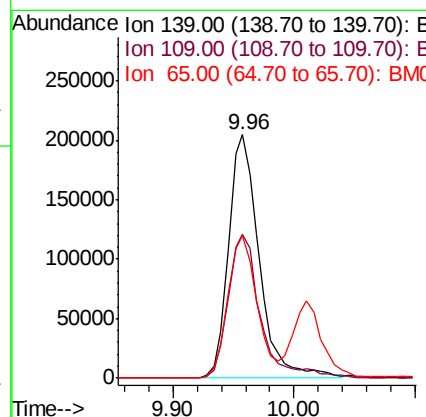
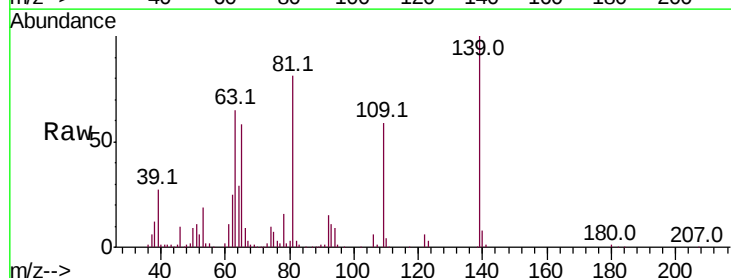
Tgt Ion: 139 Resp: 360016

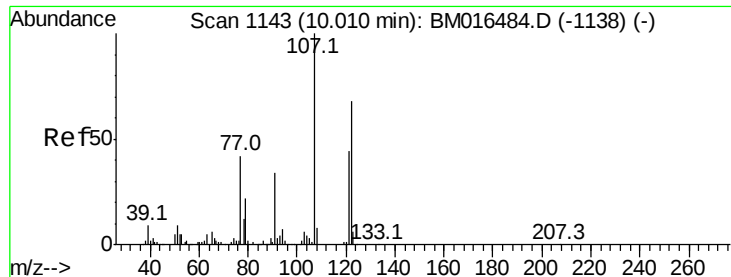
Ion Ratio Lower Upper

139 100

109 59.2 20.1 30.1#

65 58.3 31.5 47.3#





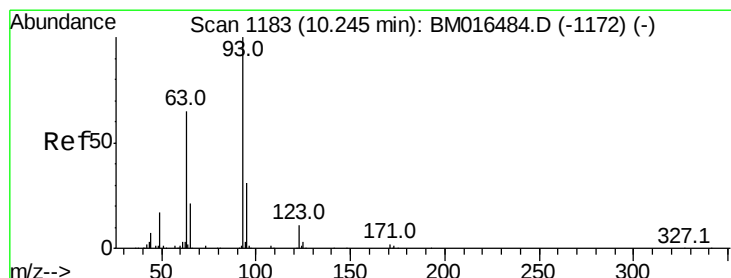
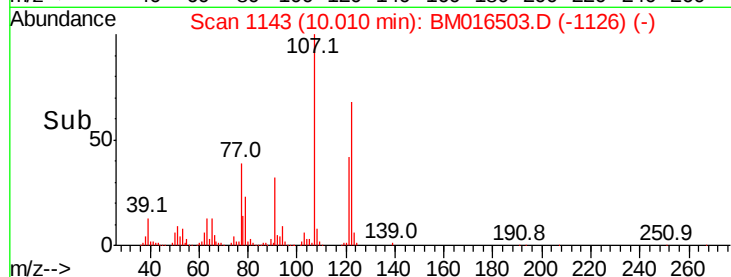
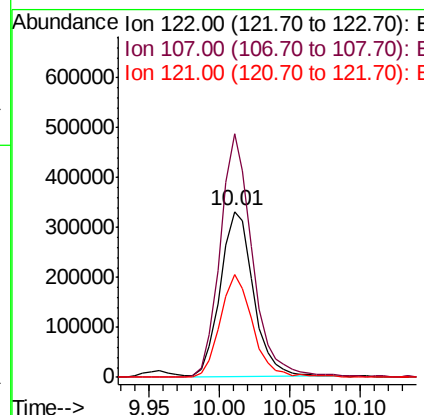
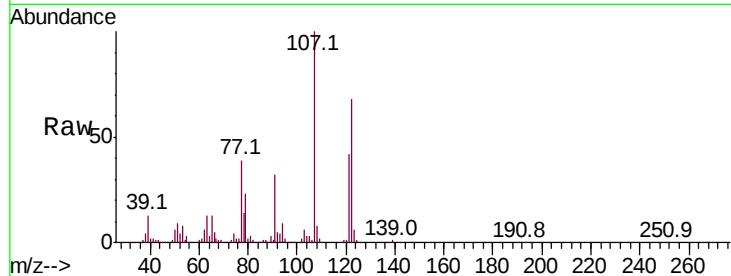
#27
2,4-Dimethylphenol
Concen: 62.159 ng
RT: 10.01 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	146.8	84.7	127.1#
121	61.6	46.6	69.8

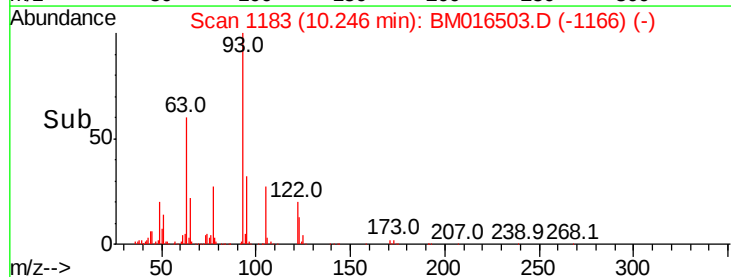
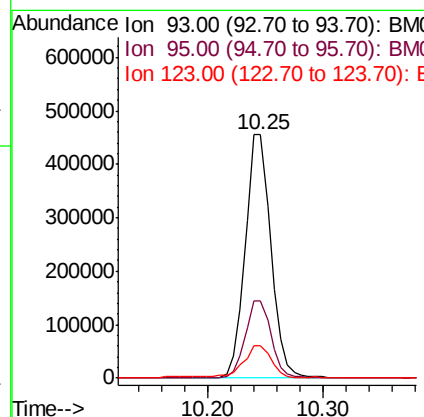
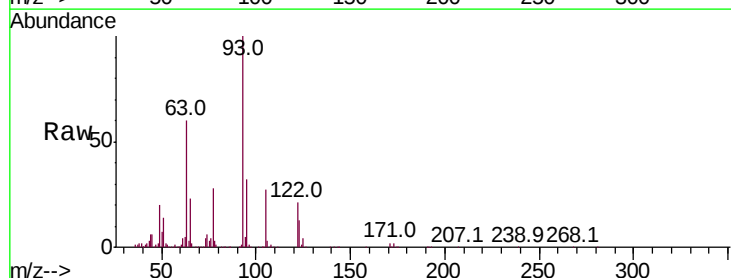
Manual Integrations
APPROVED

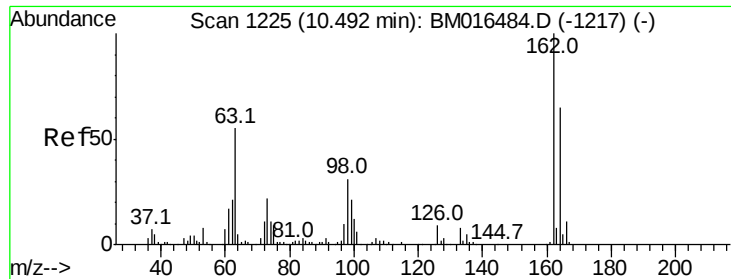
Sohil
8/22/2018 6:07:05 PM



#28
bis(2-Chloroethoxy)methane
Concen: 56.904 ng
RT: 10.25 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.5	38.3
123	13.1	8.6	13.0#





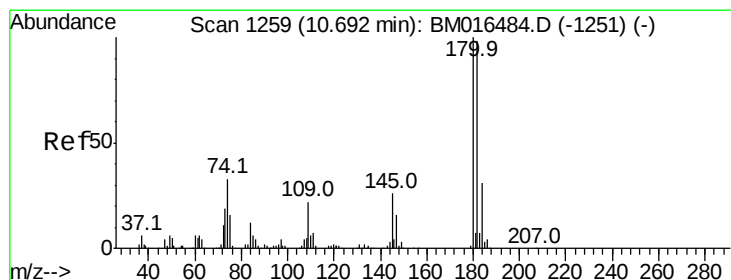
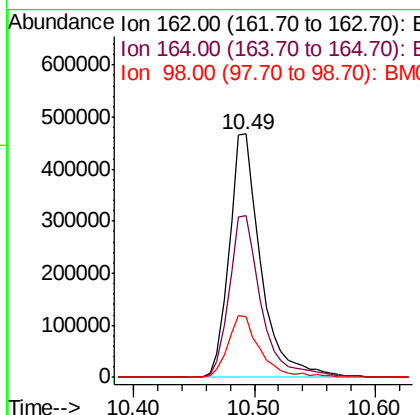
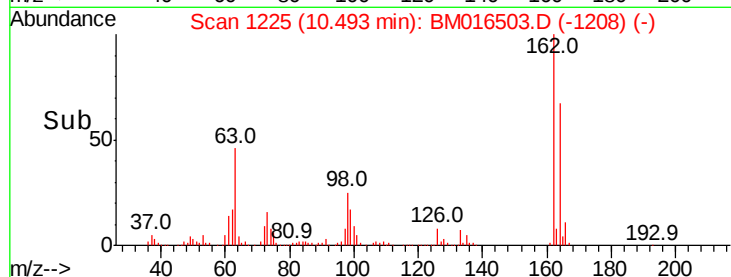
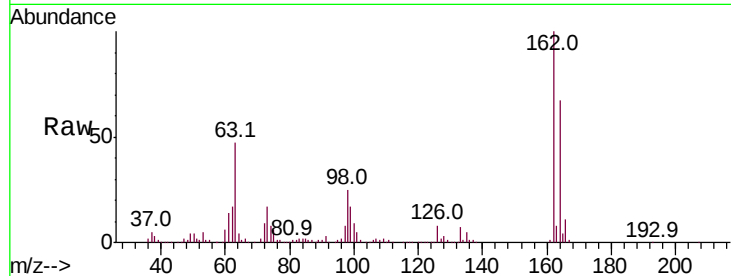
#29
 2,4-Dichlorophenol
 Concen: 65.847 ng
 RT: 10.49 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.6	42.8	82.8
98	24.7	14.5	54.5

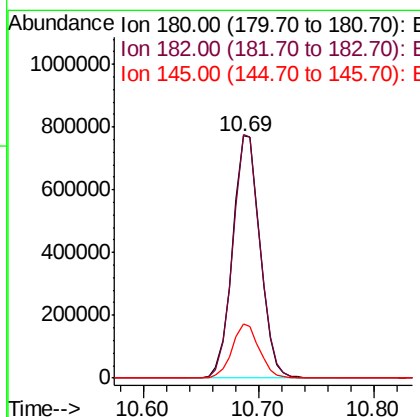
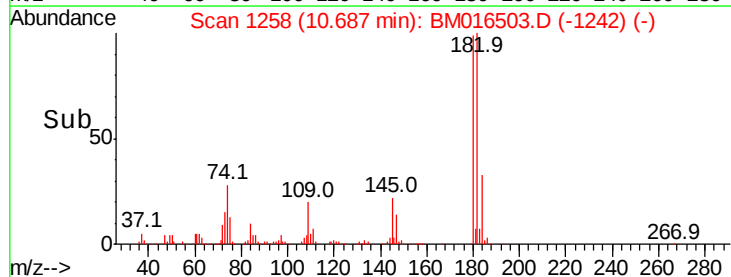
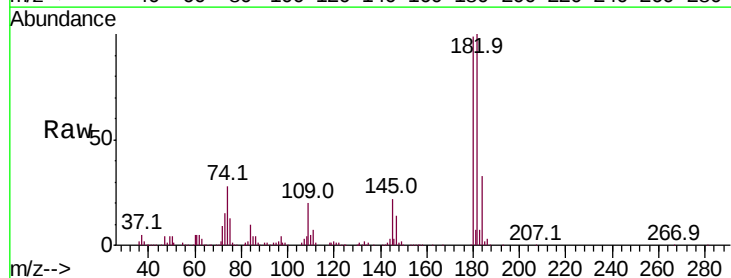
Manual Integrations
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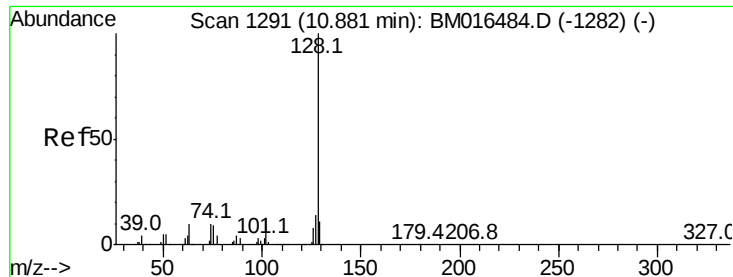
Sohil
 8/22/2018 6:07:05 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 64.742 ng
 RT: 10.69 min Scan# 1258
 Delta R.T. -0.01 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	77.6	116.4
145	22.2	23.4	35.2#





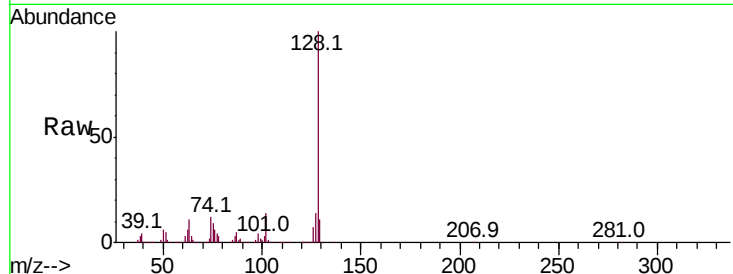
#31
Naphthalene
Concen: 56.307 ng
RT: 10.88 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.7	10.4	15.6

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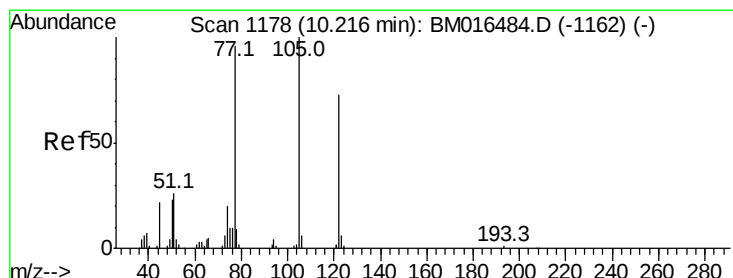
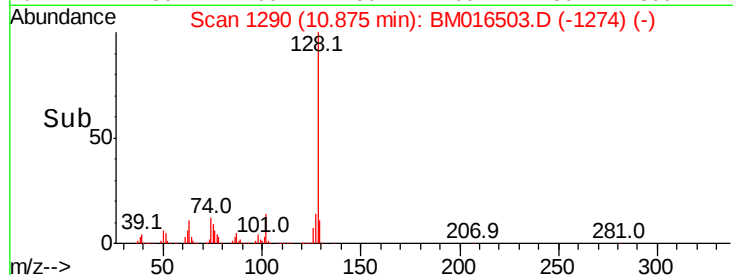
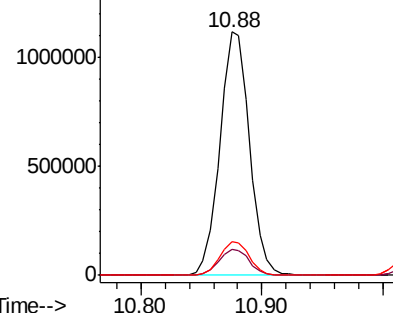


Abundance

Ion 128.00 (127.70 to 128.70): E

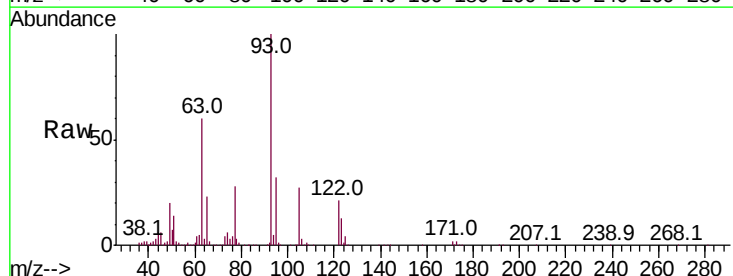
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 46.093 ng
RT: 10.25 min Scan# 1183
Delta R.T. 0.03 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.2	99.9	139.9
77	134.1	73.7	113.7#

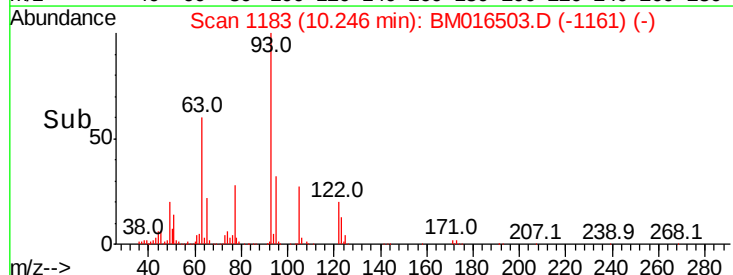
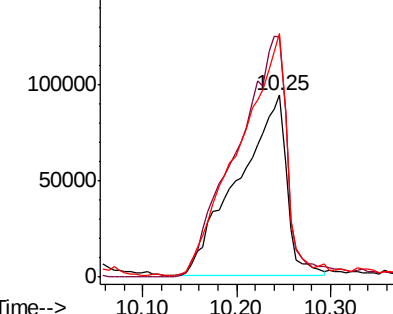


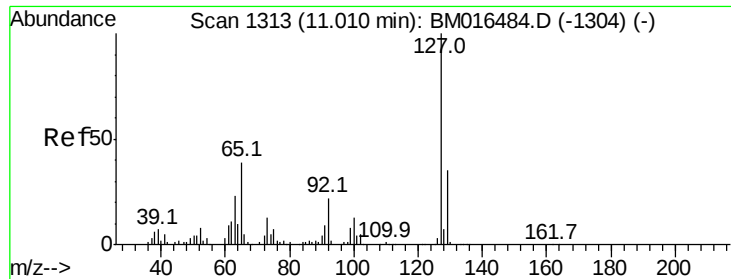
Abundance

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): BM





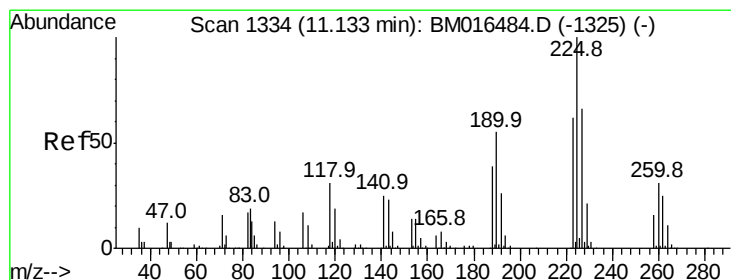
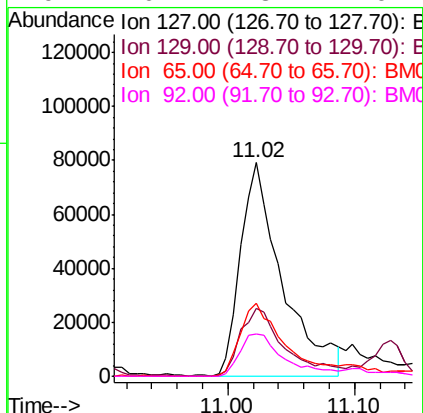
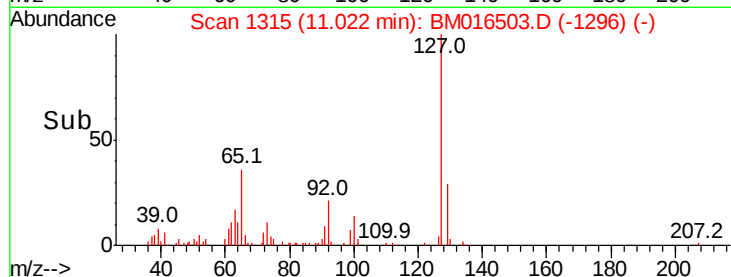
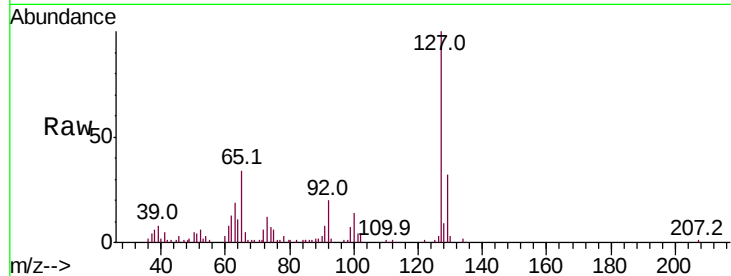
#33
4-Chloroaniline
Concen: 12.792 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	34.3	17.6	26.4
92	20.1	13.1	19.7

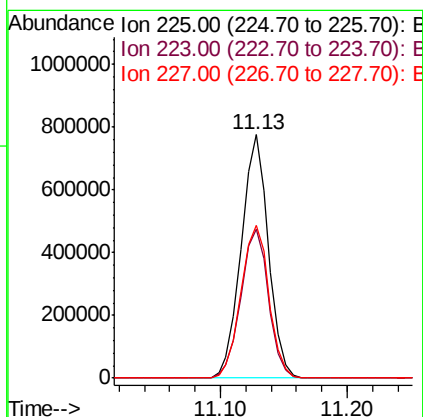
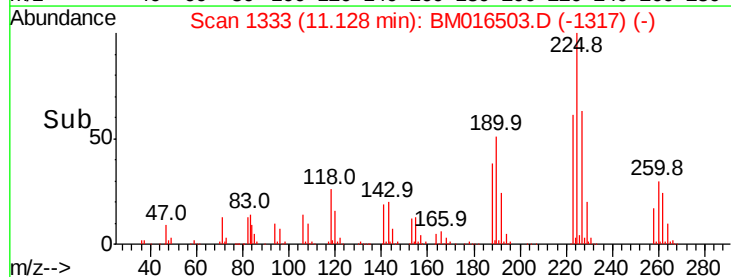
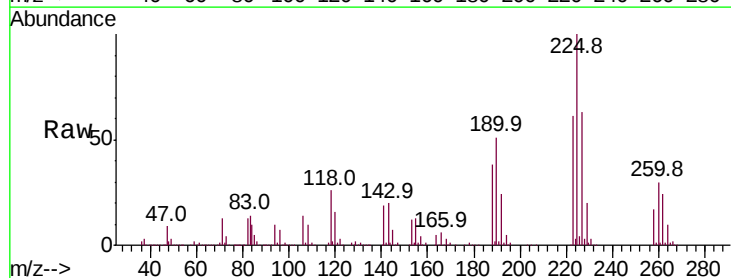
Manual Integrations
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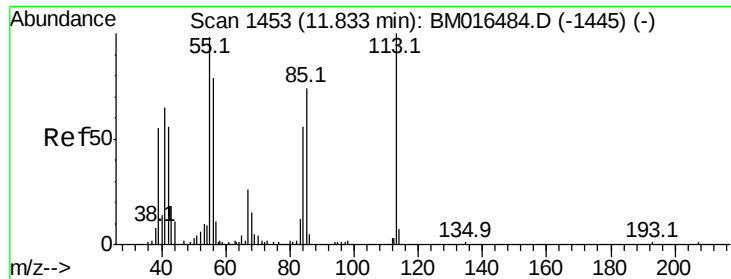
Sohil
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#34
Hexachlorobutadiene
Concen: 61.333 ng
RT: 11.13 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	47.9	71.9
227	62.6	50.1	75.1





#35

Caprolactam

Concen: 36.665 ng/ml

RT: 11.84 min Scan# 1454

Delta R.T. 0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MSD

Tot Ion:113 Resp: 113967

Ion Ratio Lower Upper

113 100

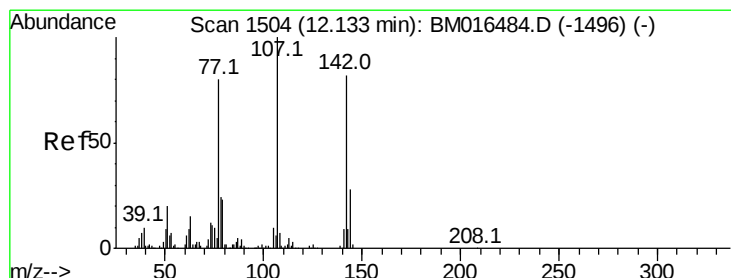
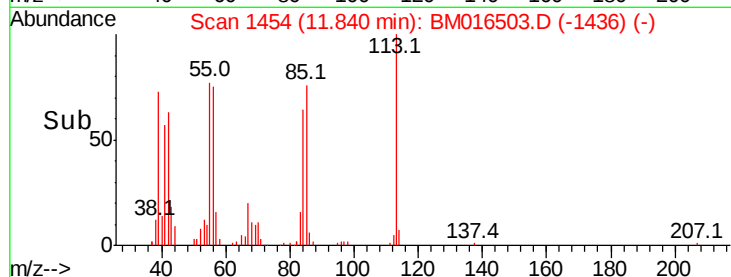
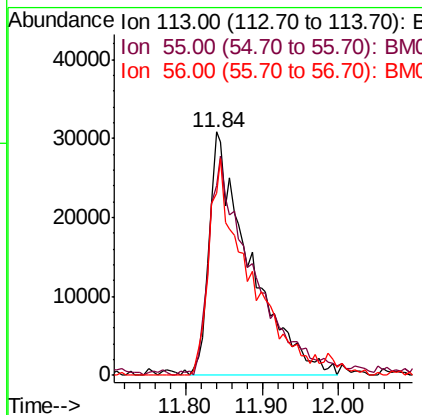
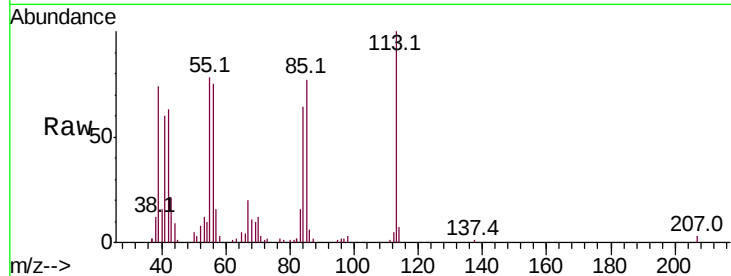
55 78.0 145.9 185.9#

56 75.0 101.0 141.0#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 52.413 ng/ml

RT: 12.14 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

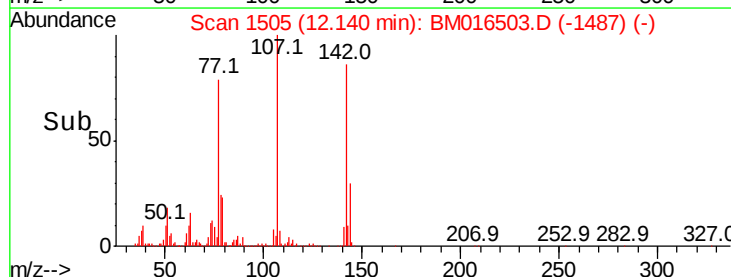
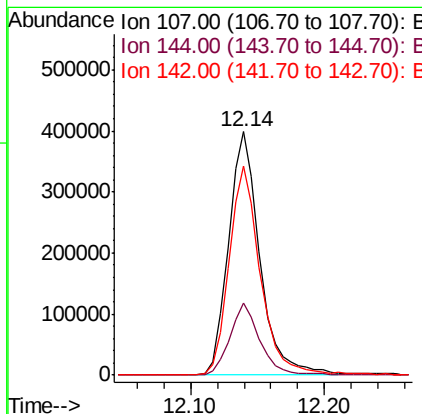
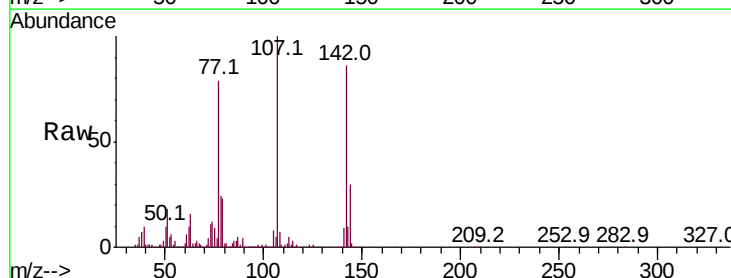
Tgt Ion:107 Resp: 652723

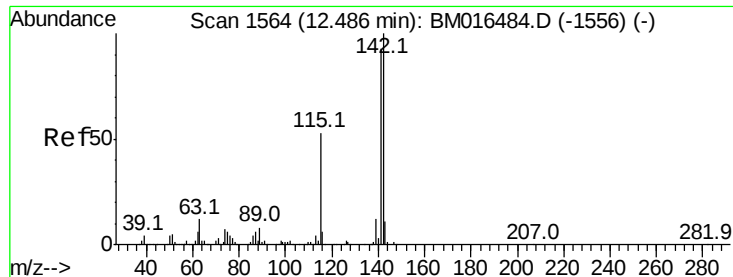
Ion Ratio Lower Upper

107 100

144 29.8 23.3 34.9

142 86.0 72.6 109.0





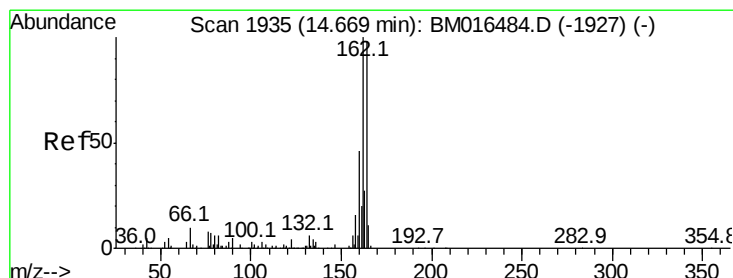
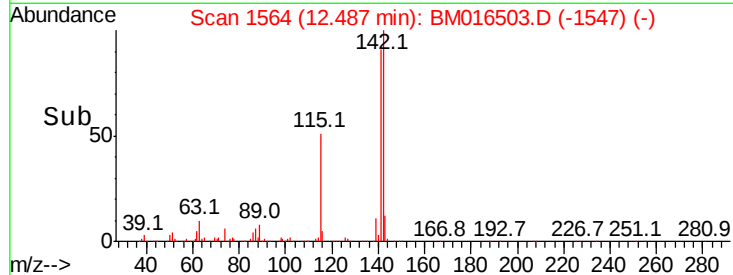
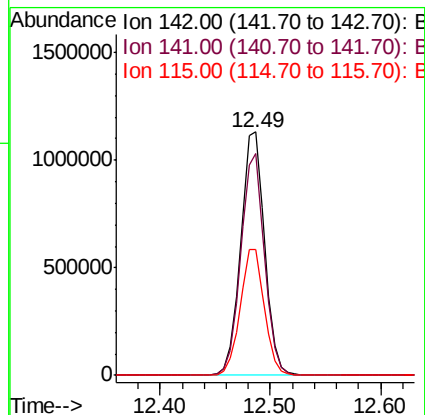
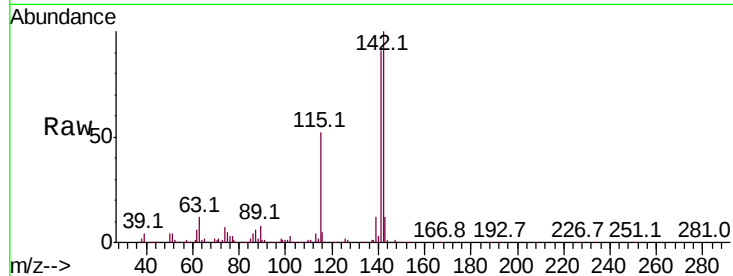
#37
2-Methylnaphthalene
Concen: 65.059 ng
RT: 12.49 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
115	51.5	25.4	38.0

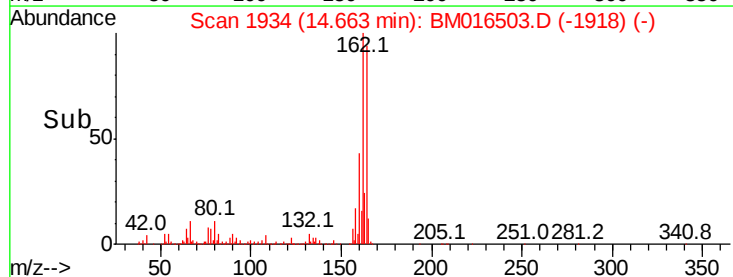
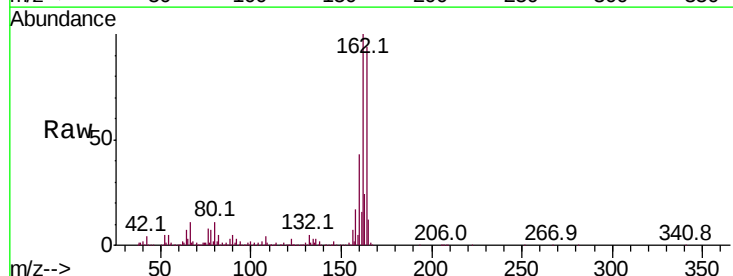
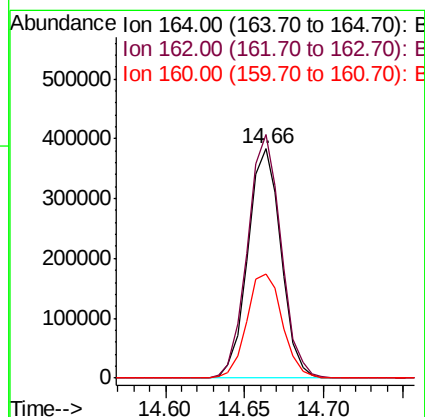
Manual Integrations
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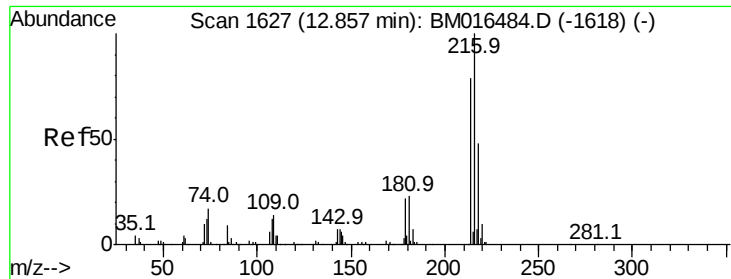
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	82.4	123.6
160	45.7	35.8	53.6





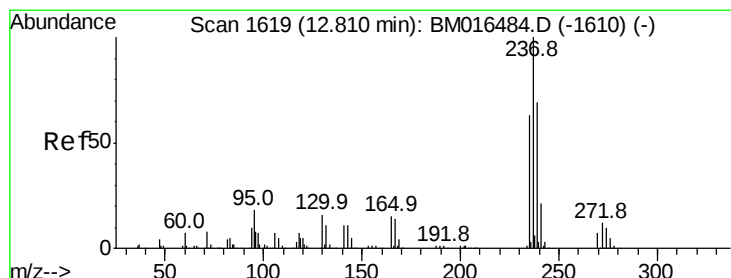
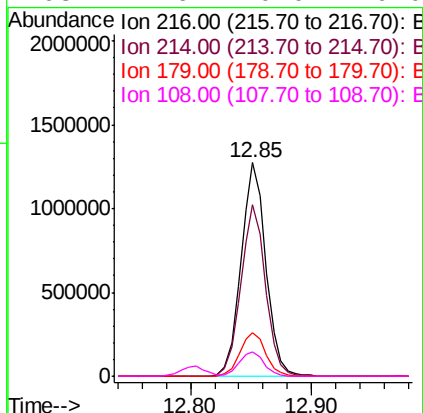
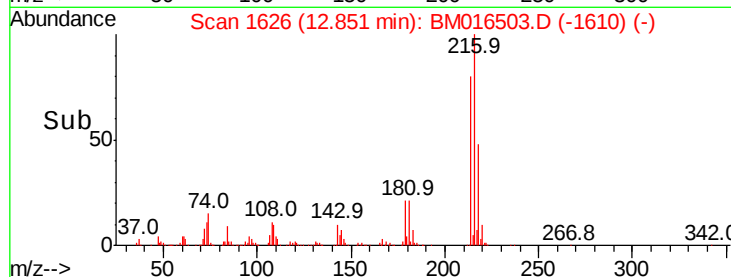
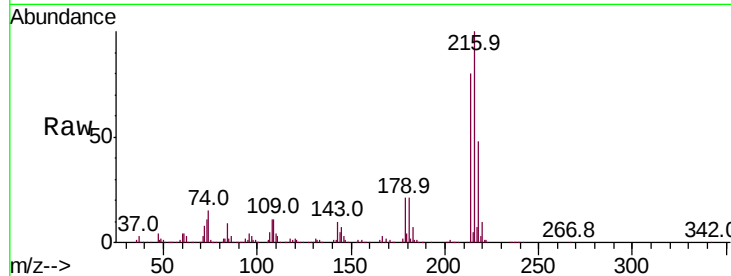
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.952 ng
 RT: 12.85 min Scan# 1626
 Delta R.T. -0.01 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.8	0.0	0.0#
179	21.2	0.0	0.0#
108	11.6	0.0	0.0#

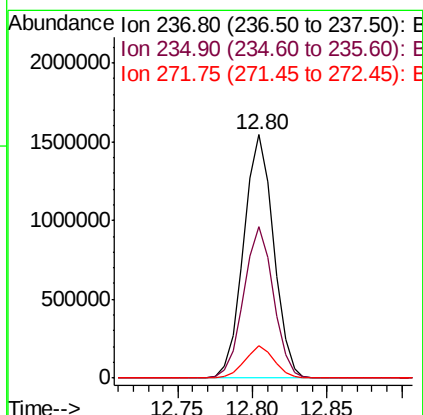
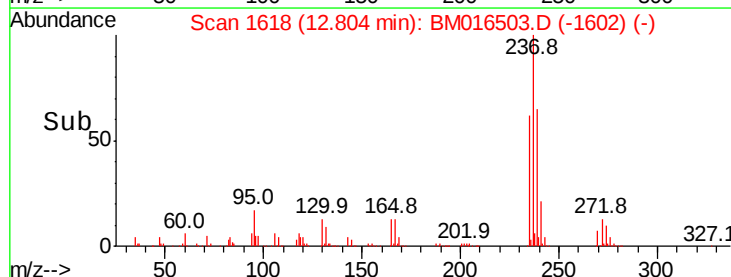
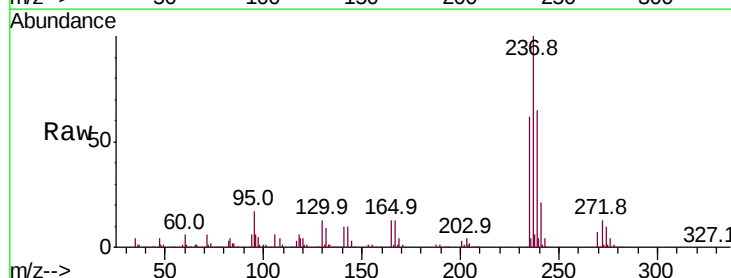
Manual Integrations
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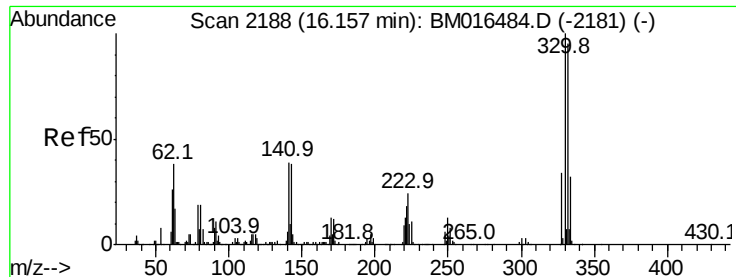
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#40
 Hexachlorocyclopentadiene
 Concen: 123.837 ng
 RT: 12.80 min Scan# 1618
 Delta R.T. -0.00 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.0	82.0
272	13.2	0.0	33.4





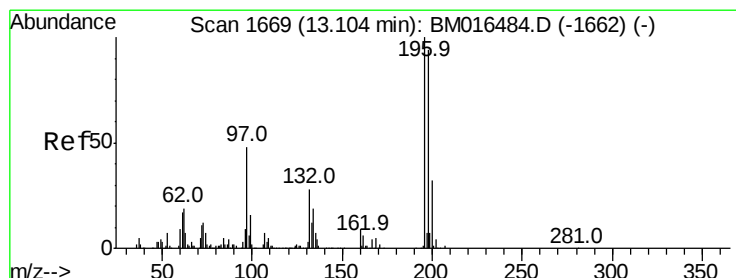
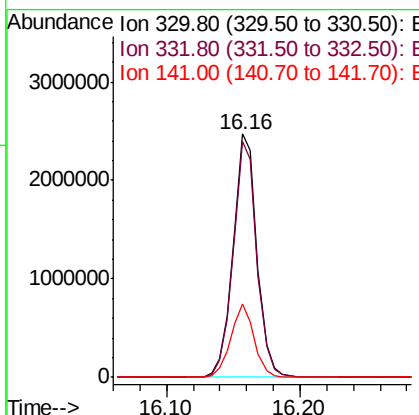
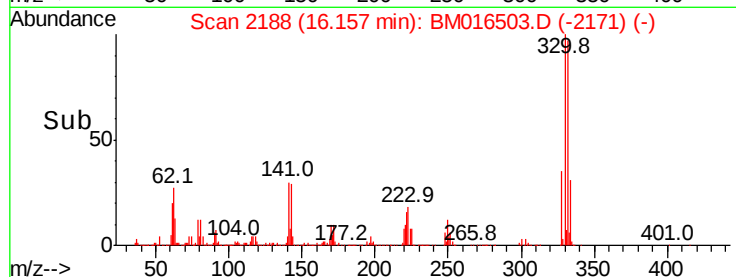
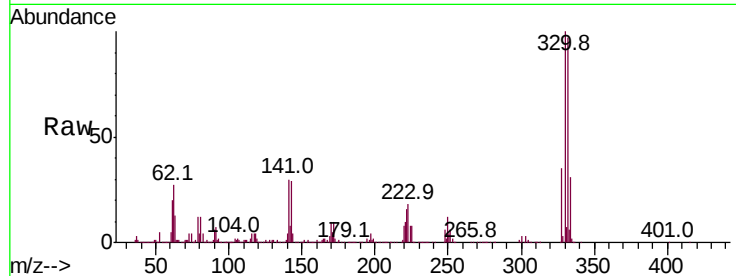
#41
2,4,6-Tribromophenol
Concen: 123.837 ng
RT: 16.16 min Scan# 2188
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	30.1	0.0	0.0#

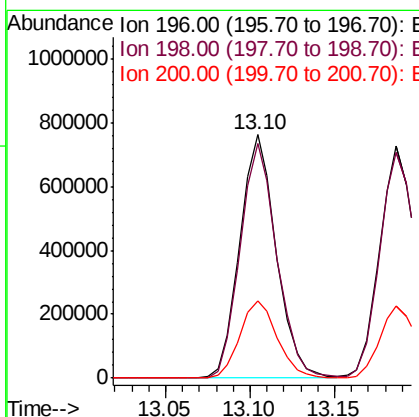
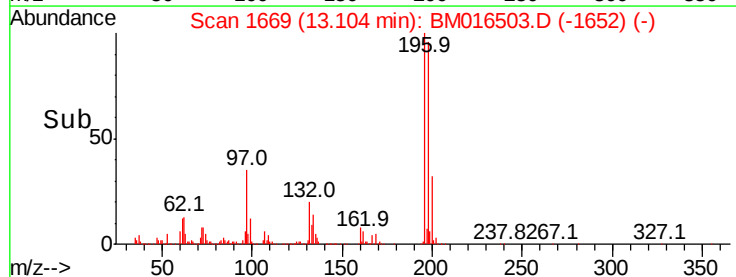
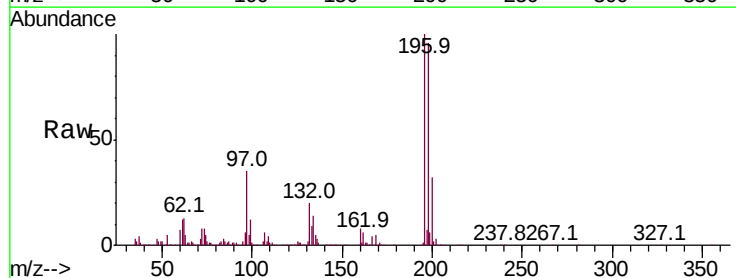
Manual Integrations
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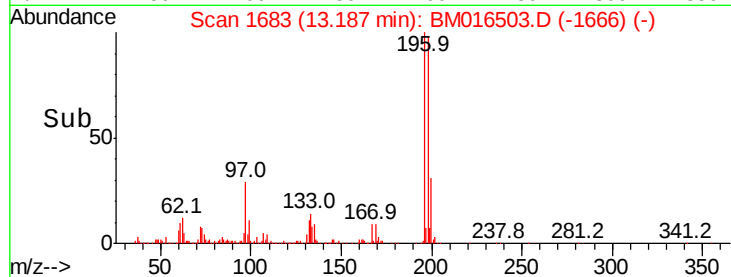
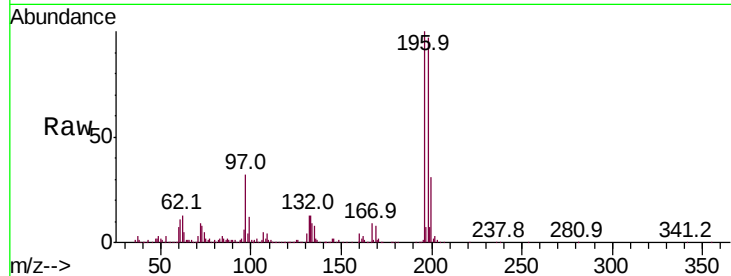
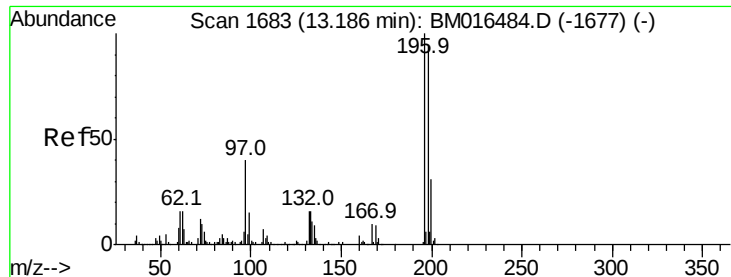
Sohil
8/22/2018 6:07:05 PM



#42
2,4,6-Trichlorophenol
Concen: 60.818 ng
RT: 13.10 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.3	114.5
200	31.6	25.6	38.4





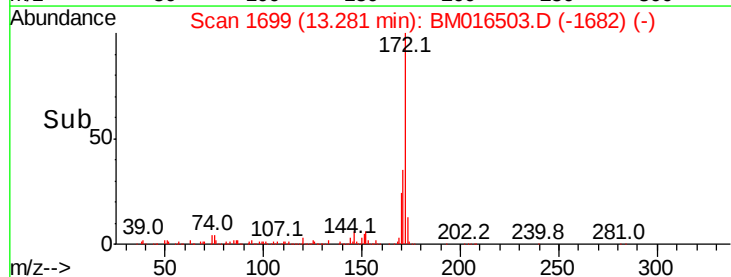
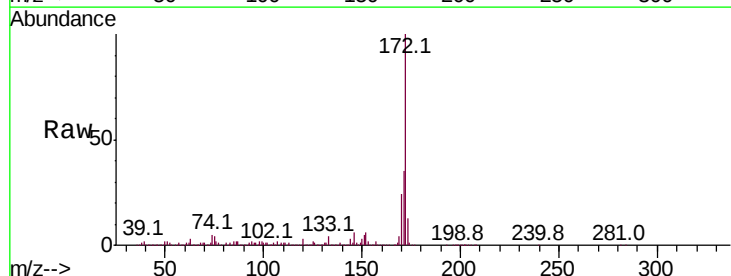
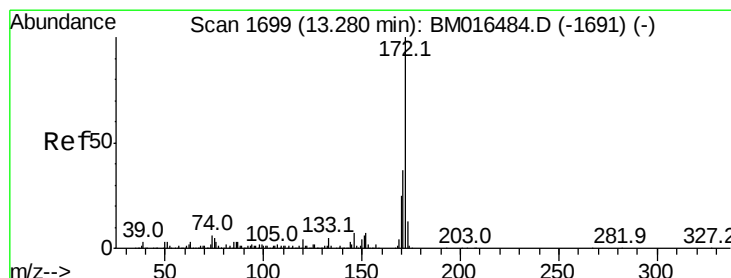
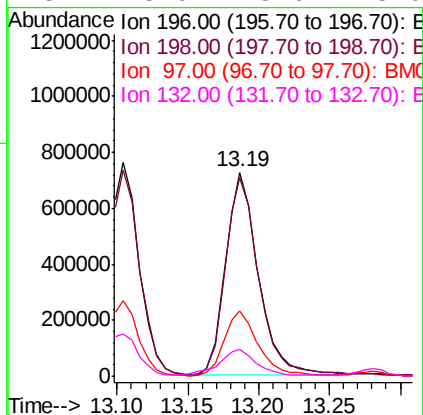
#43
2,4,5-Trichlorophenol
Concen: 62.648 ng m
RT: 13.19 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	79.4	119.0
97	31.9	26.8	40.2
132	13.0	18.6	28.0

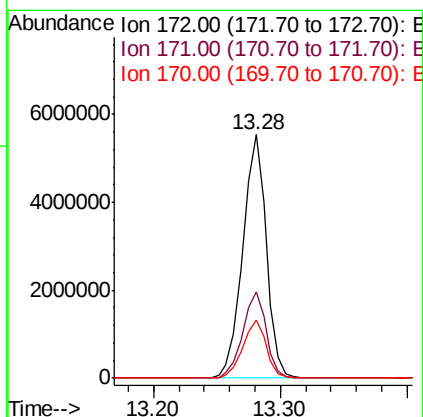
Manual Integrations
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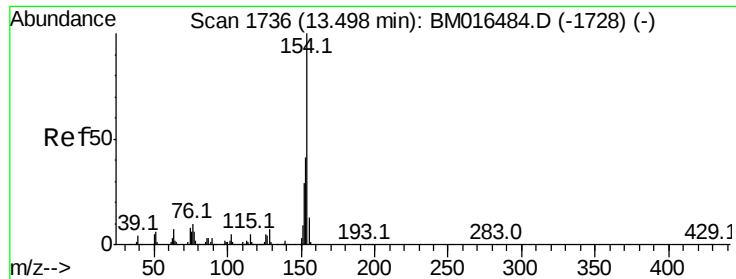
Sohil
8/22/2018 6:07:05 PM



#44
2-Fluorobiphenyl
Concen: 62.648 ng
RT: 13.28 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	23.7	18.8	28.2





#45

1,1'-Biphenyl

Concen: 52.100 ng

RT: 13.49 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MSD

Tot Ion:154 Resp: 2551336

Ion Ratio Lower Upper

154 100

153 41.8 20.7 60.7

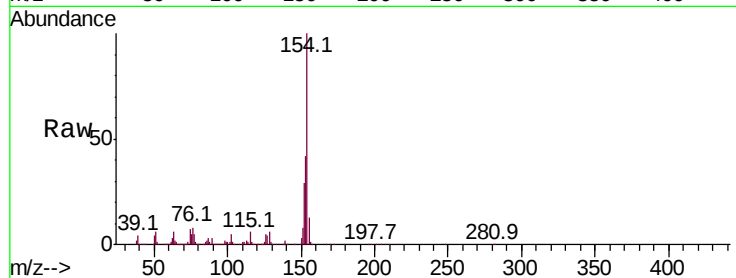
76 8.4 0.0 30.9

Manual Integrations

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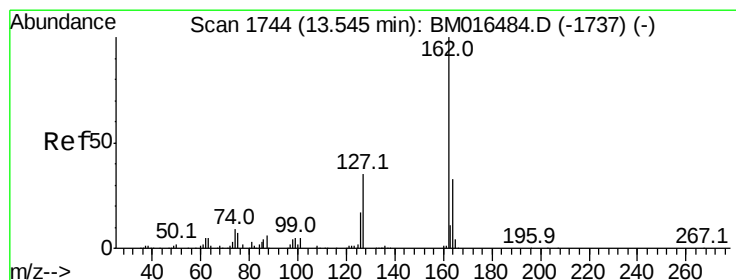
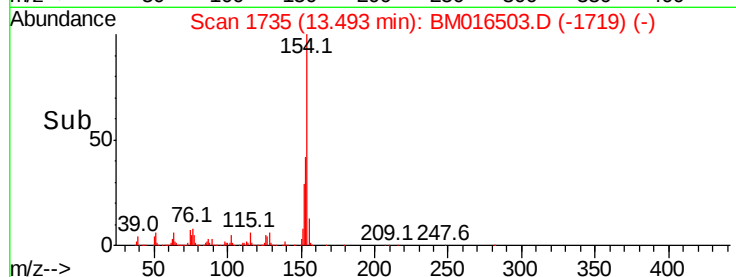
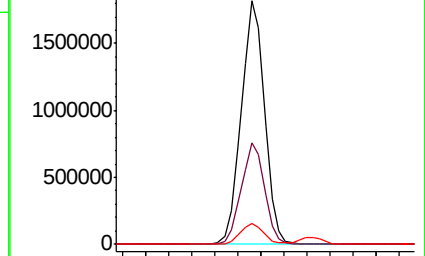
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Abundance Ion 154.00 (153.70 to 154.70): E

2500000 Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 53.192 ng

RT: 13.55 min Scan# 1744

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

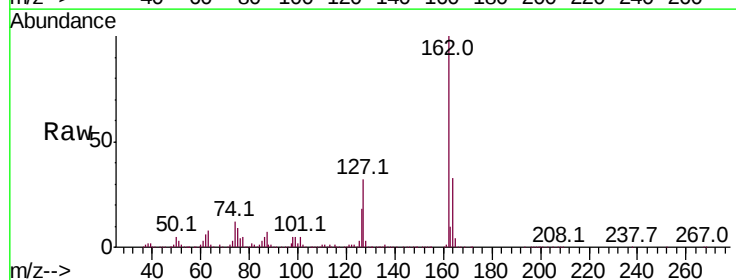
Tgt Ion:162 Resp: 2116219

Ion Ratio Lower Upper

162 100

127 32.5 26.9 40.3

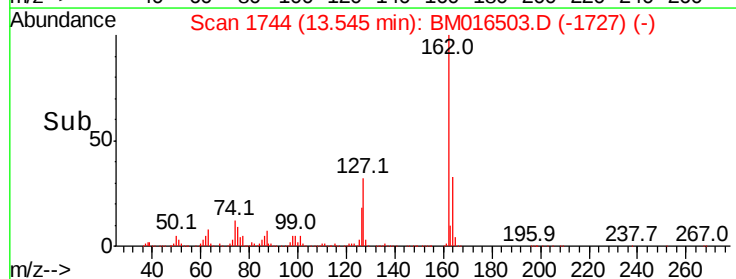
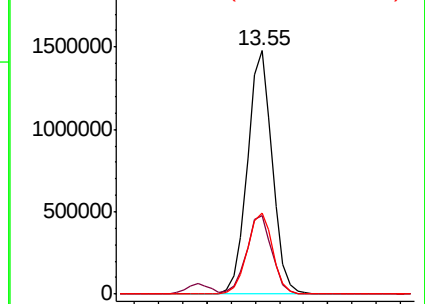
164 33.4 26.8 40.2

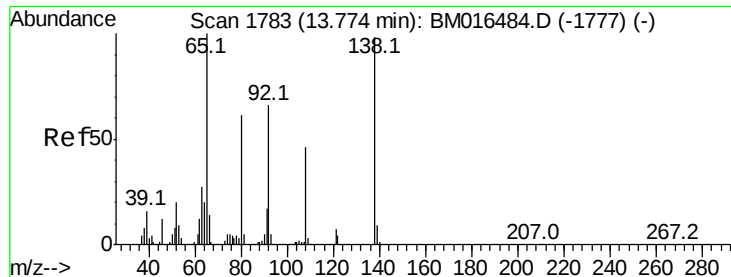


Abundance Ion 162.00 (161.70 to 162.70): E

2000000 Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.237 ng

RT: 13.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

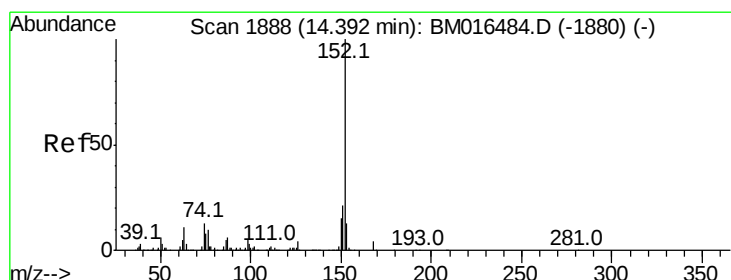
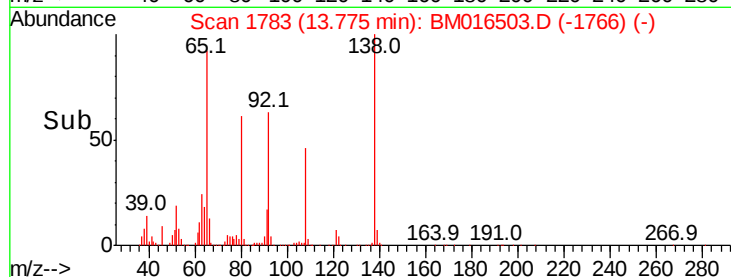
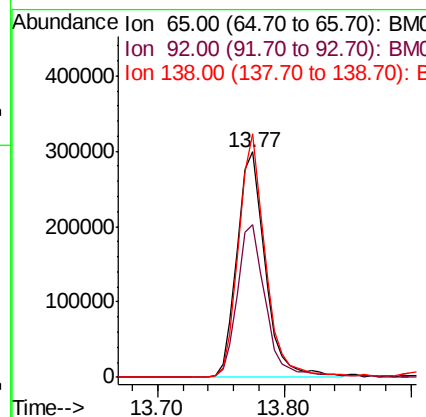
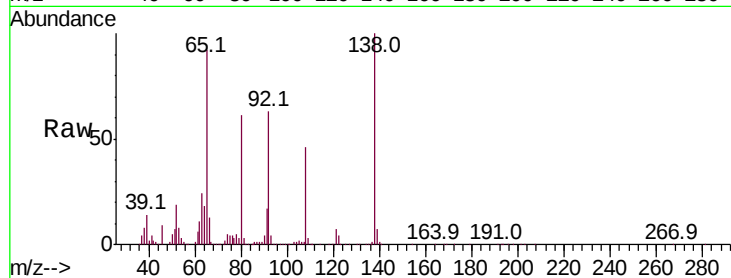
ClientSampleId :

MS-RO-27186MSD

Tot Ion:	65	Resp:	458176
Ion Ratio	Lower	Upper	
65	100		
92	67.7	59.1	88.7
138	108.2	93.9	140.9

Manual Integrations
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#48

Acenaphthylene

Concen: 56.522 ng

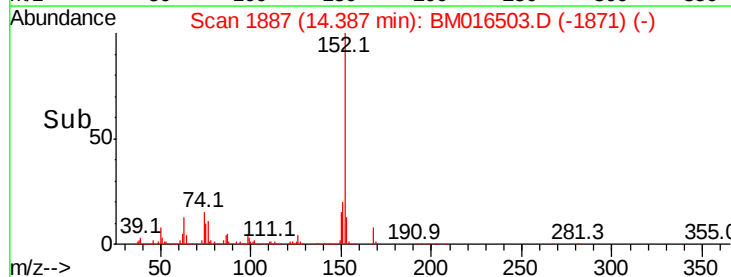
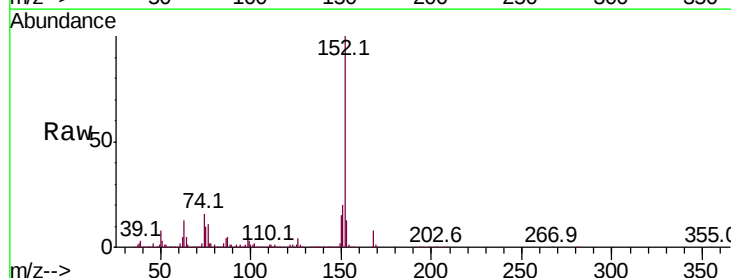
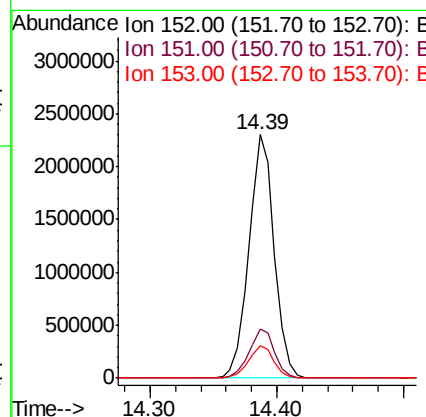
RT: 14.39 min Scan# 1887

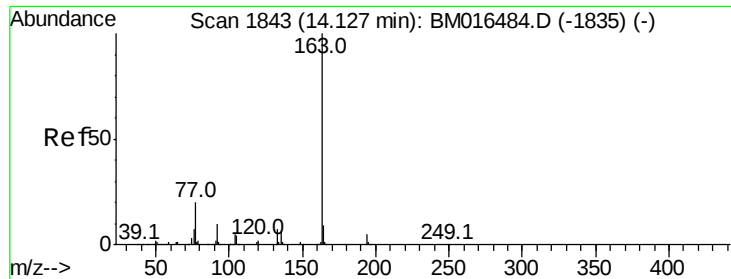
Delta R.T. -0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Tgt Ion:	152	Resp:	3174208
Ion Ratio	Lower	Upper	
152	100		
151	20.4	15.9	23.9
153	13.3	10.6	16.0





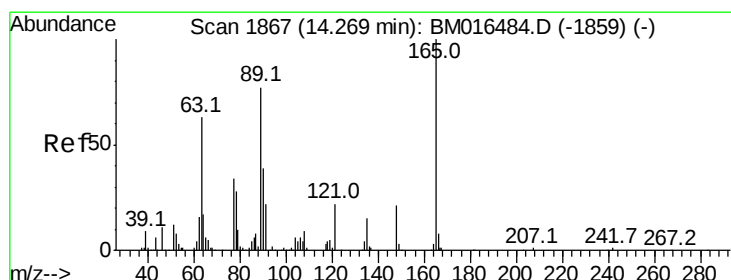
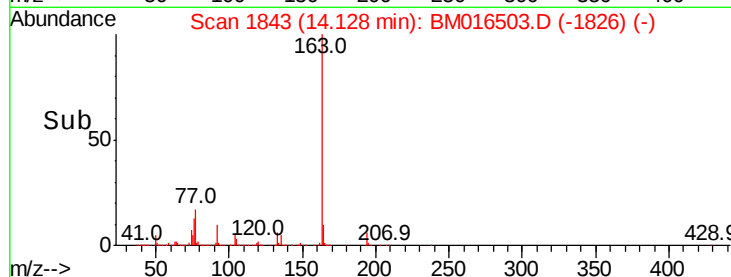
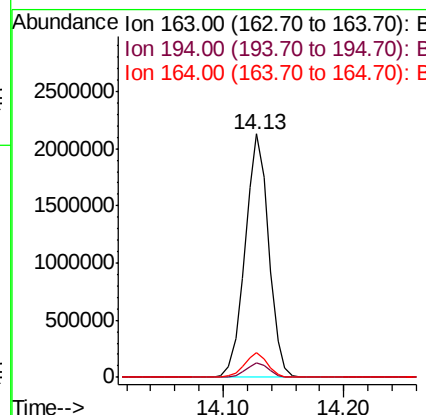
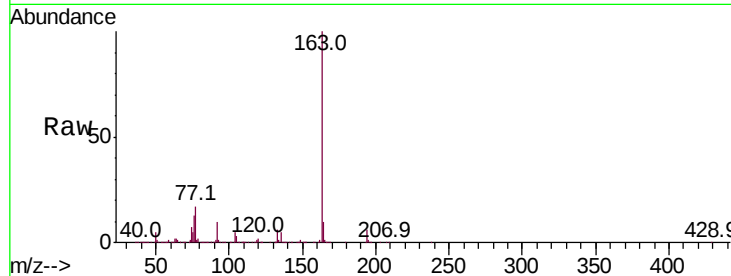
#49
Dimethylphthalate
Concen: 54.005 ng
RT: 14.13 min Scan# 1843
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion:163 Resp: 2897630
Ion Ratio Lower Upper
163 100
194 5.8 2.7 4.1#
164 10.3 8.2 12.2

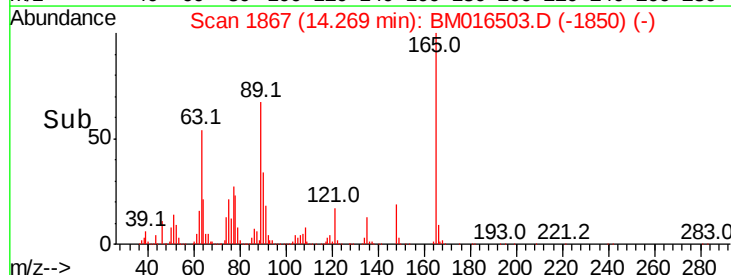
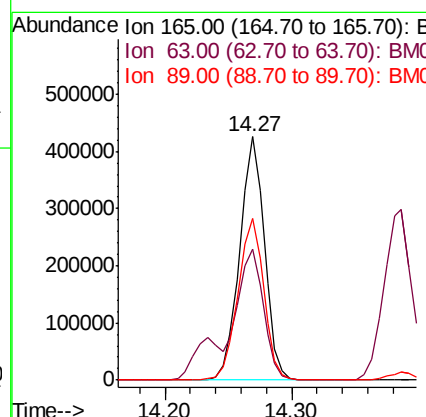
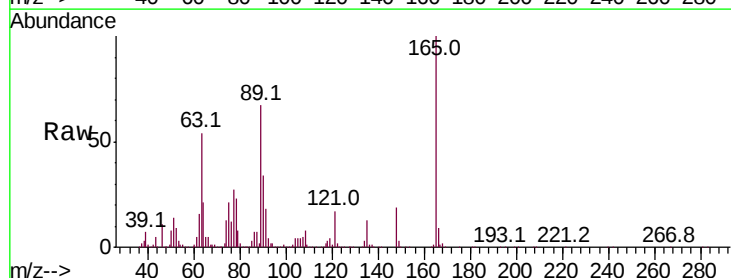
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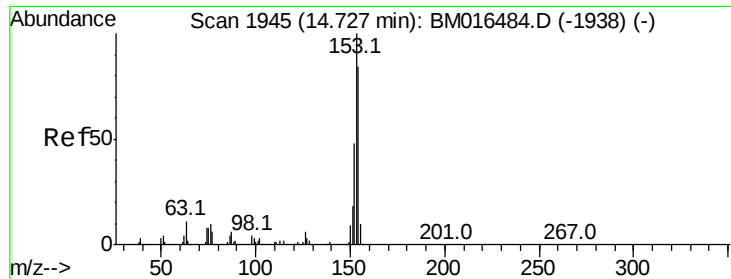
Sohil
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#50
2,6-Dinitrotoluene
Concen: 55.006 ng
RT: 14.27 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion:165 Resp: 575652
Ion Ratio Lower Upper
165 100
63 53.9 44.1 66.1
89 66.6 44.3 66.5#





#51

Acenaphthene

Concen: 53.778 ng

RT: 14.73 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MSD

Tot Ion:154 Resp: 1855441

Ion Ratio Lower Upper

154 100

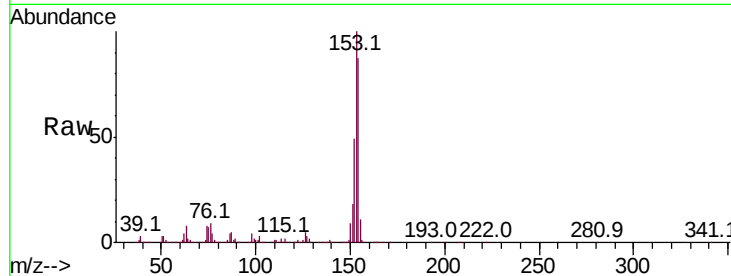
153 115.3 90.0 135.0

152 56.5 42.6 63.8

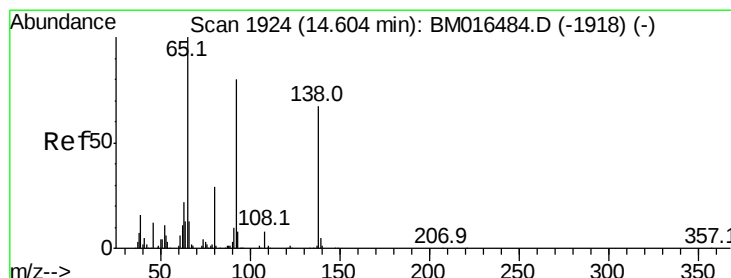
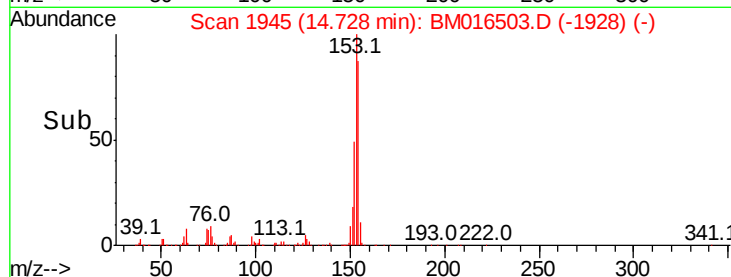
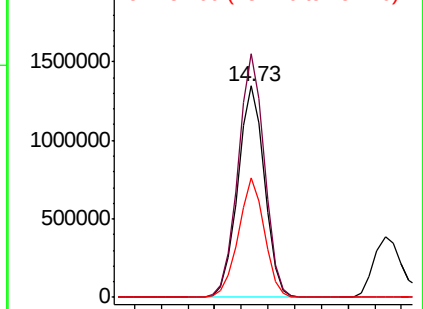
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.779 ng

RT: 14.60 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

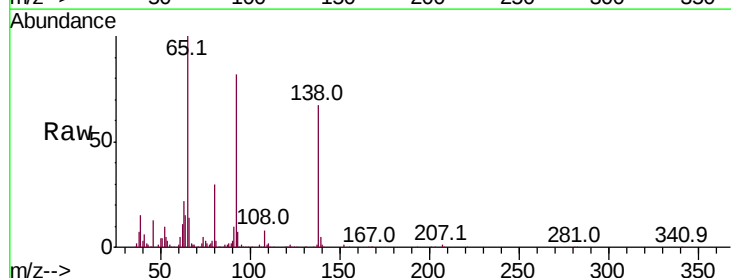
Tgt Ion:138 Resp: 216909

Ion Ratio Lower Upper

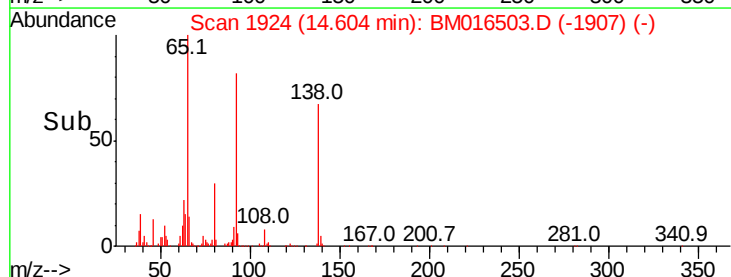
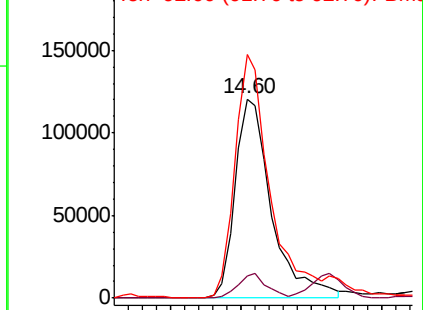
138 100

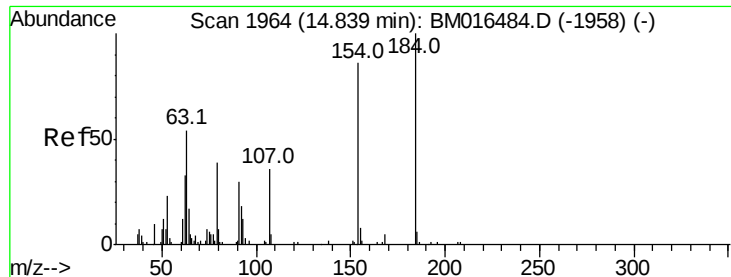
108 11.3 7.3 10.9#

92 122.4 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): BM





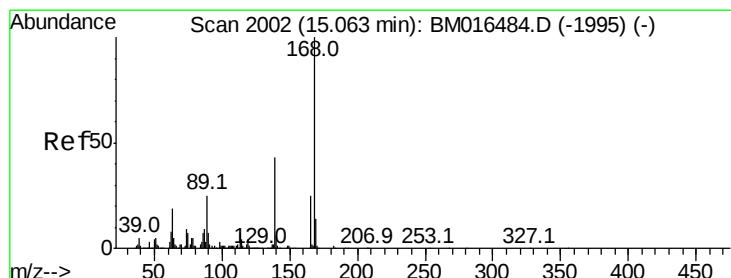
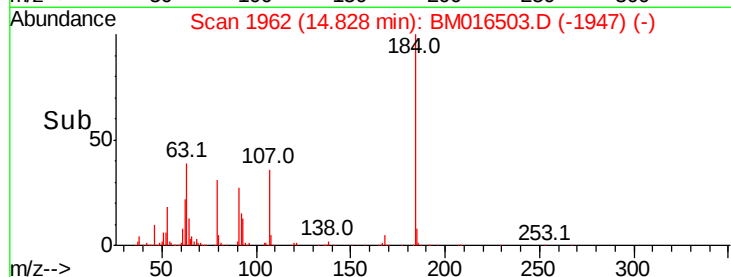
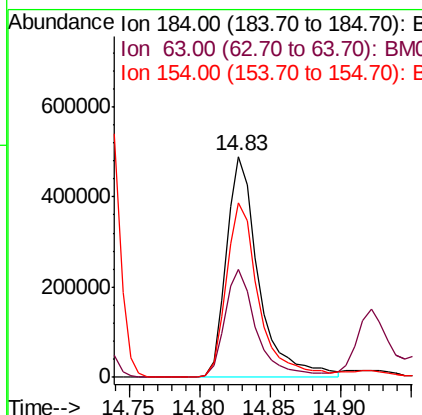
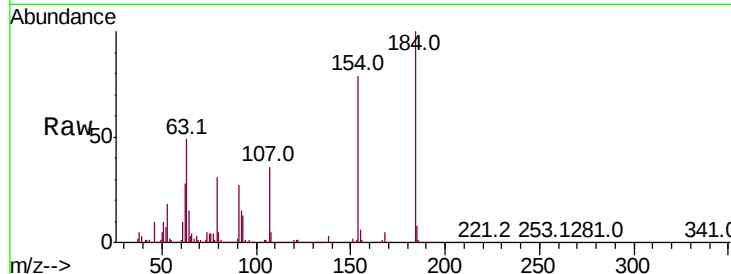
#53
2,4-Dinitrophenol
Concen: 149.333 ng
RT: 14.83 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	782093		
63	49.1	69.2	103.8#	
154	79.2	53.3	79.9	

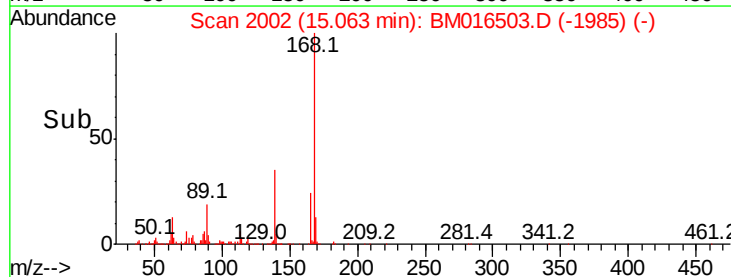
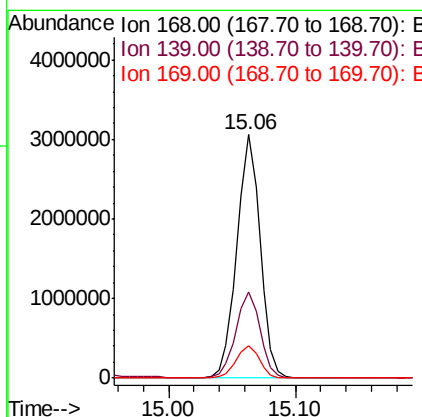
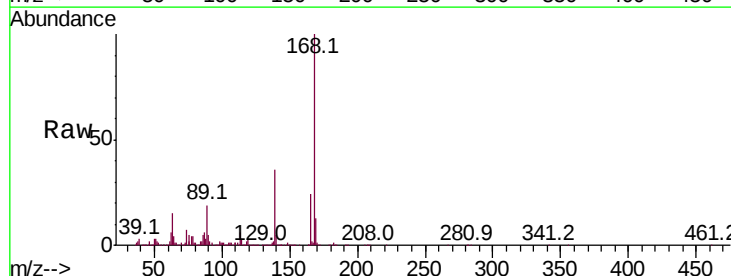
Manual Integrations
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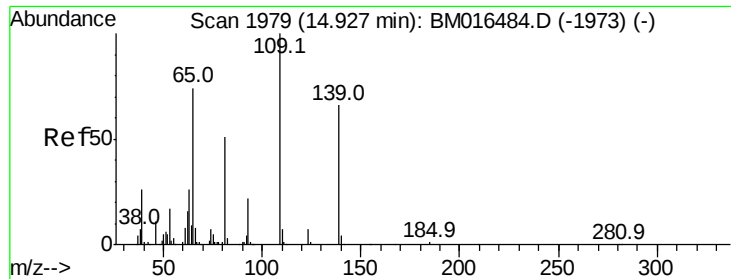
Sohil
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#54
Dibenzofuran
Concen: 58.652 ng
RT: 15.06 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	3873816		
139	35.5	27.3	40.9	
169	13.3	10.6	16.0	





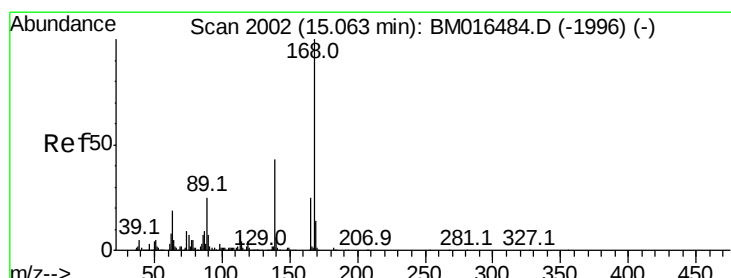
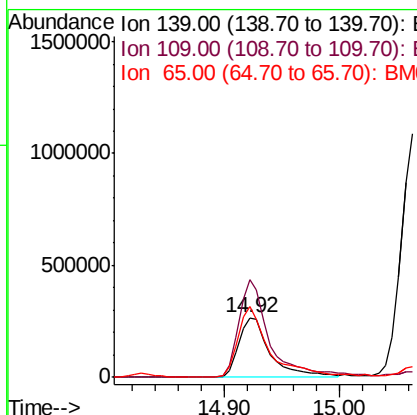
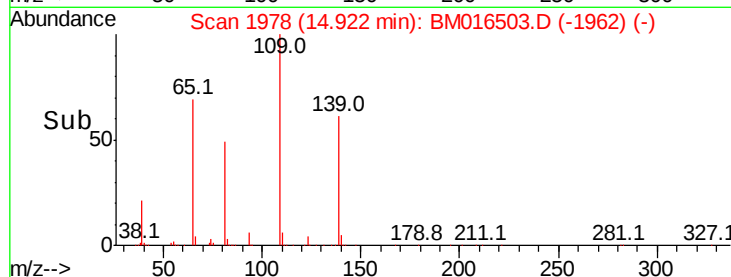
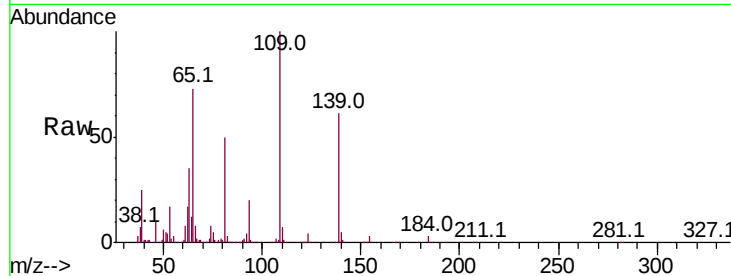
#55
4-Nitrophenol
Concen: 84.167 ng
RT: 14.92 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	164.1	130.0	170.0	
65	119.4	130.0	170.0	

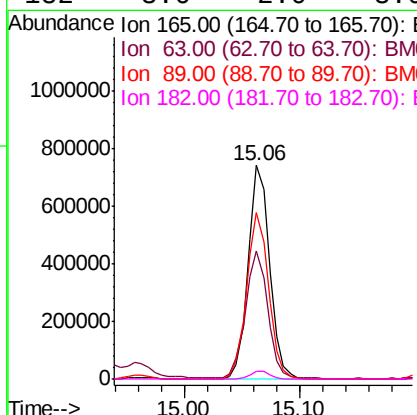
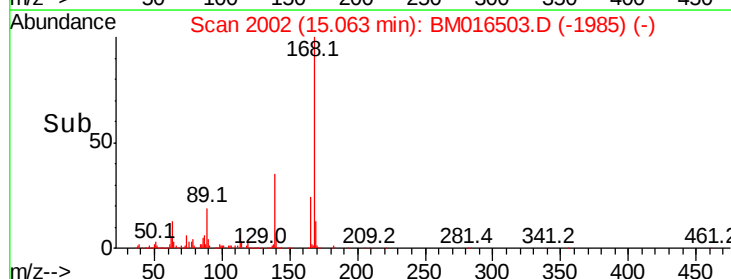
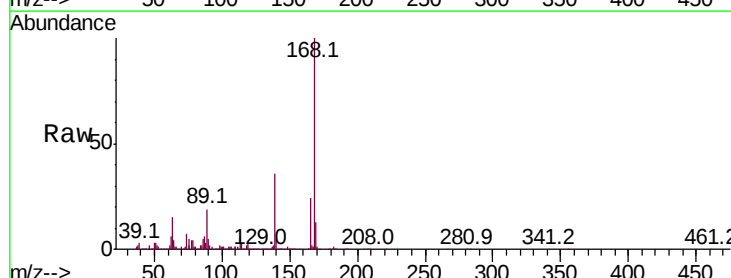
Manual Integrations
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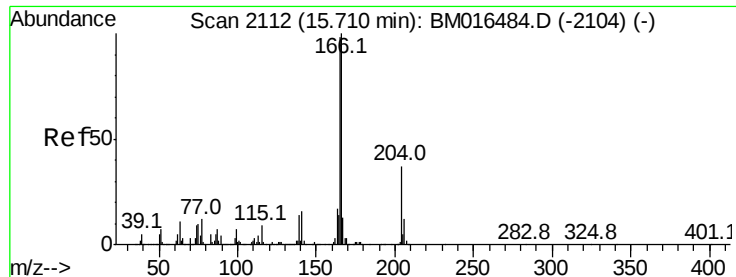
Sohil
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#56
2,4-Dinitrotoluene
Concen: 54.967 ng
RT: 15.06 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.2	52.4	78.6	
89	78.1	72.4	108.6	
182	3.6	2.0	3.0	





#57

Fluorene

Concen: 62.078 ng

RT: 15.71 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MSD

Tot Ion:166 Resp: 3097331

Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.4

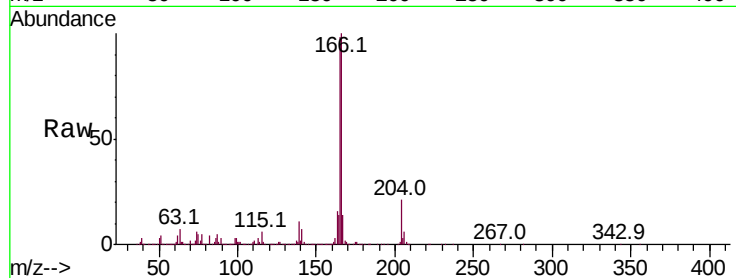
167 13.8 10.3 15.5

Manual Integrations

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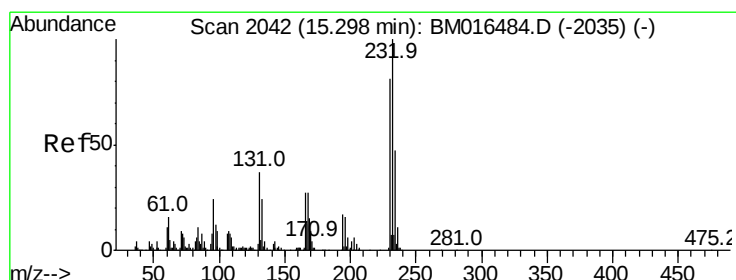
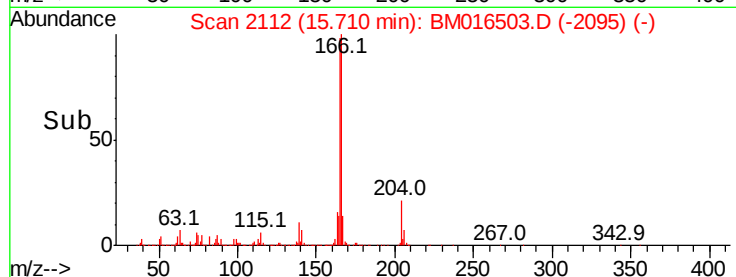
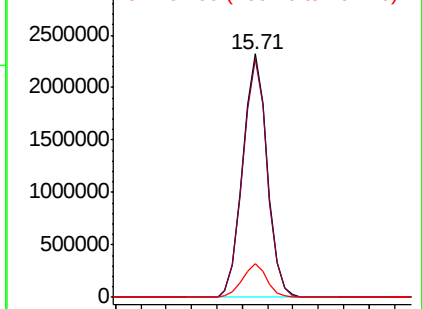


Abundance

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: 61.399 ng

RT: 15.29 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Tgt Ion:232 Resp: 1087256

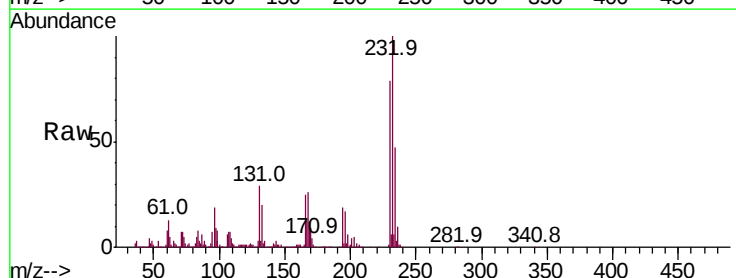
Ion Ratio Lower Upper

232 100

131 28.5 0.0 0.0#

130 2.4 0.0 0.0#

166 24.7 0.0 0.0#



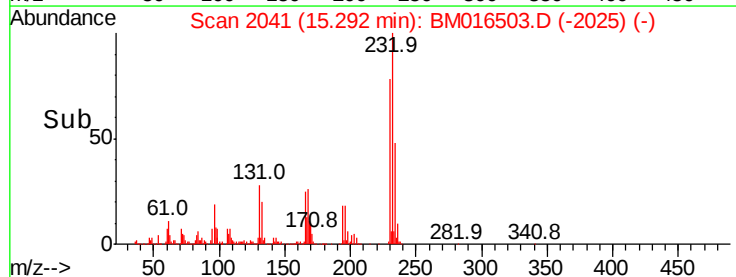
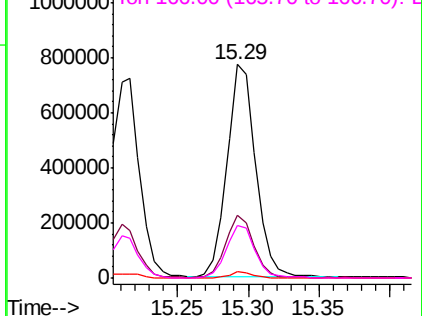
Abundance

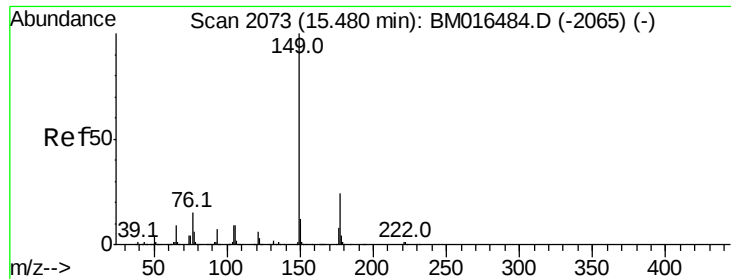
Ion 232.00 (231.70 to 232.70): E

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





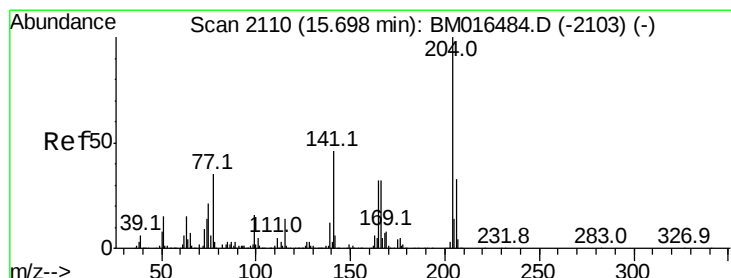
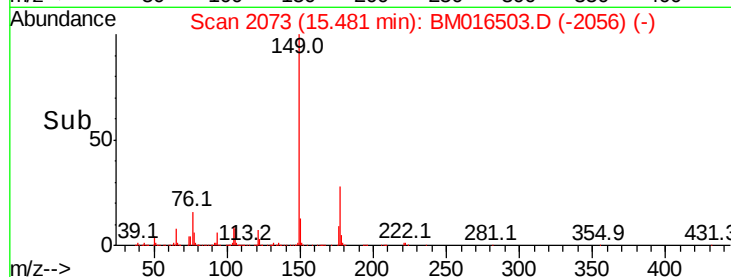
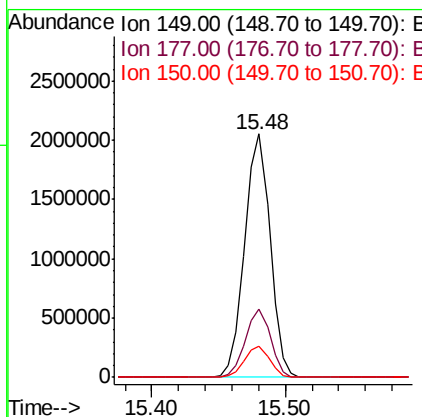
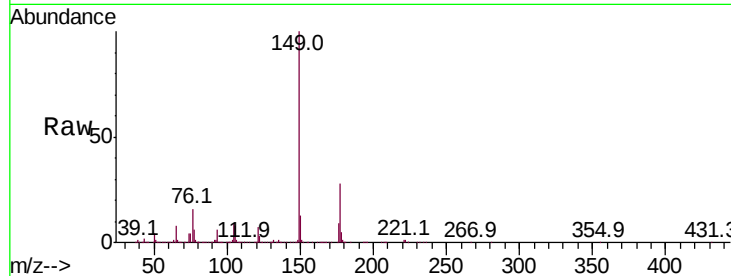
#59
Diethylphthalate
Concen: 48.170 ng
RT: 15.48 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	28.2	18.3	27.5#
150	12.6	9.8	14.8

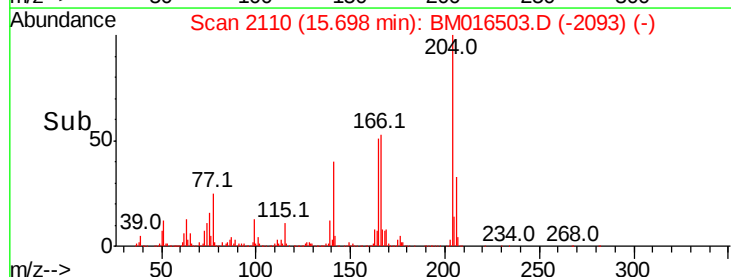
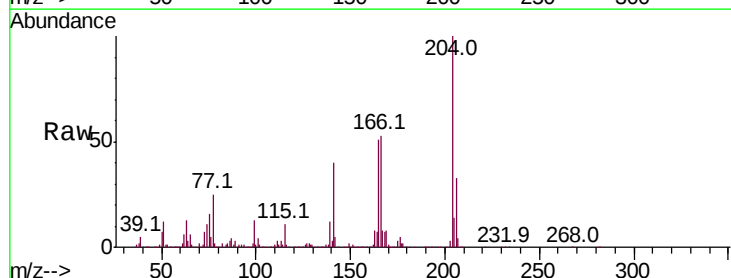
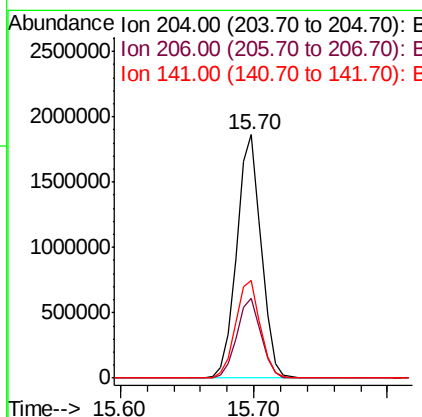
Manual Integrations
APPROVED

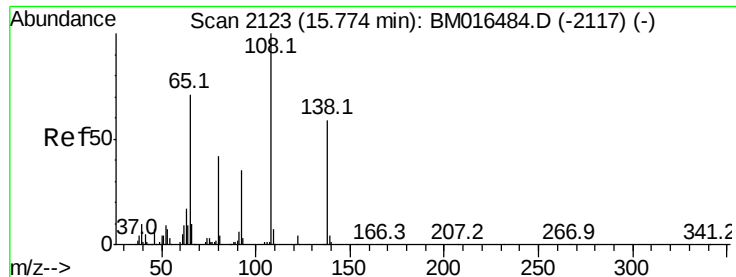
Sohil
8/22/2018 6:07:05 PM



#60
4-Chlorophenyl-phenylether
Concen: 56.522 ng
RT: 15.70 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.6	39.8
141	40.1	45.2	67.8#





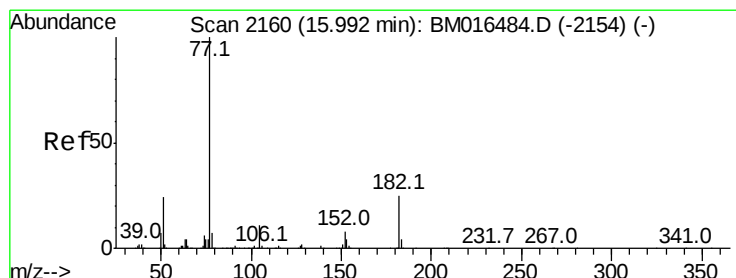
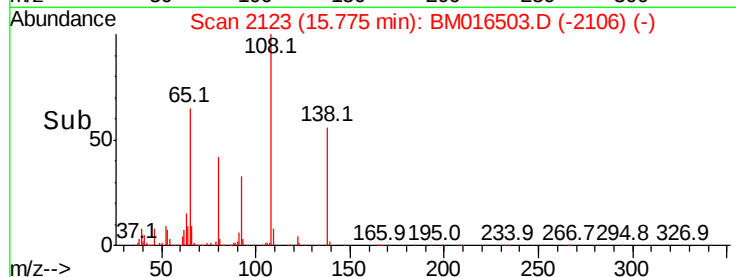
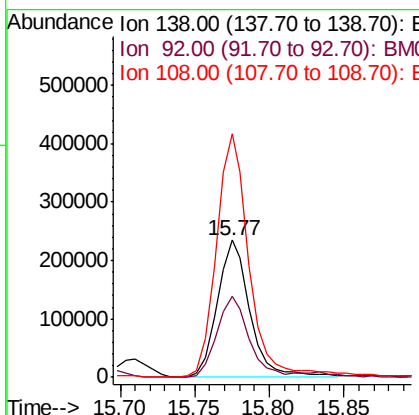
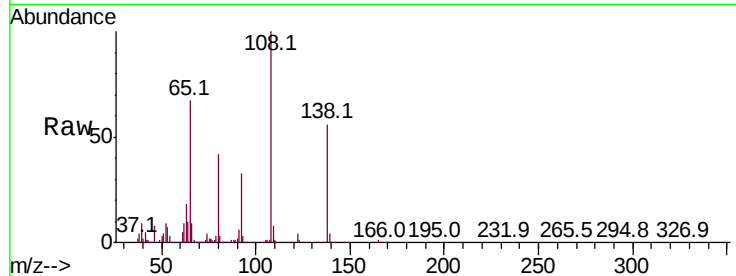
#61
4-Nitroaniline
Concen: 38.629 ng
RT: 15.77 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	58.9	16.7	56.7#
108	177.9	37.6	77.6#

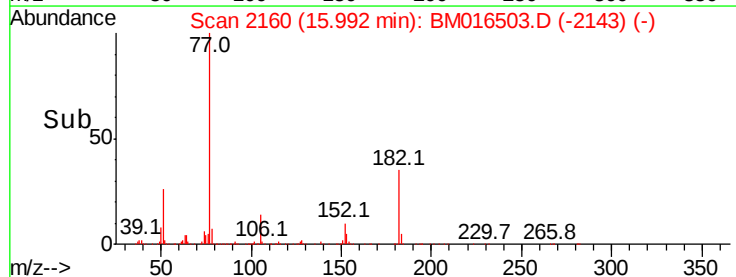
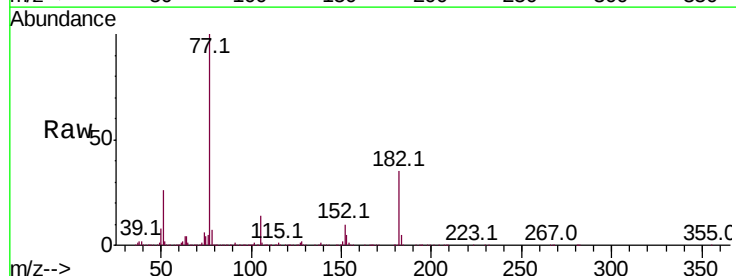
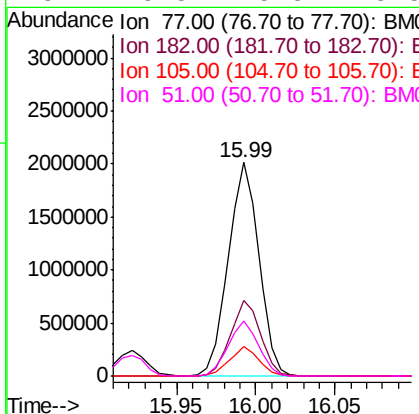
Manual Integrations
APPROVED

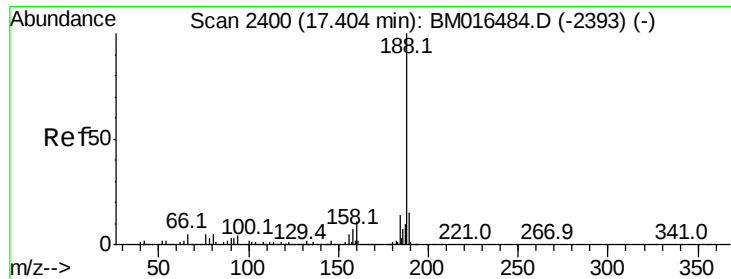
Sohil
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#62
Azobenzene
Concen: 45.154 ng
RT: 15.99 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.3	6.5	46.5
105	14.0	3.8	43.8
51	25.8	5.5	45.5





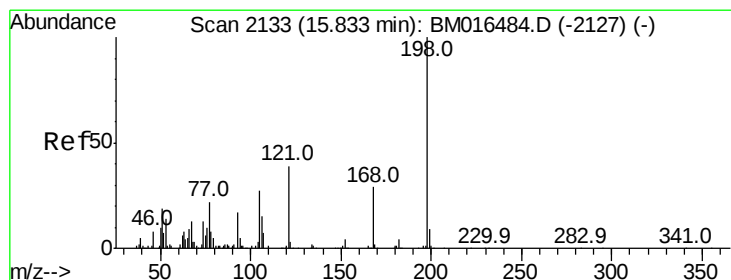
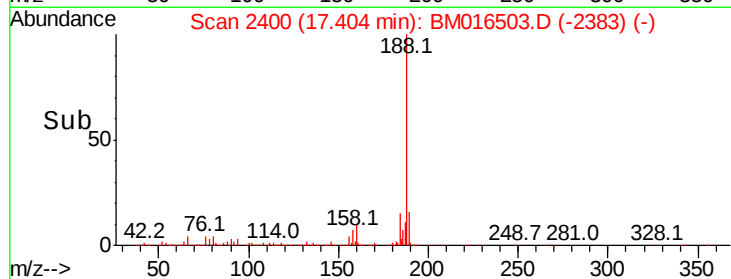
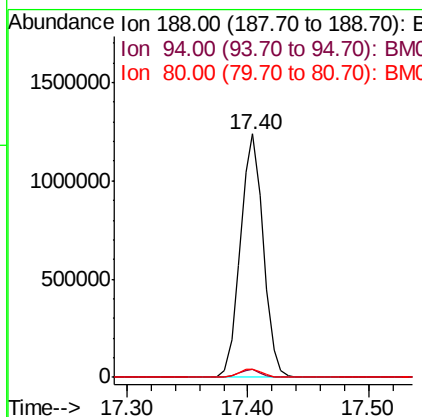
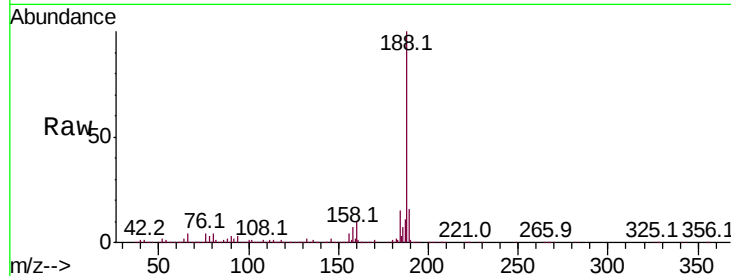
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	3.4	8.7	13.1#
80	3.6	9.3	13.9#

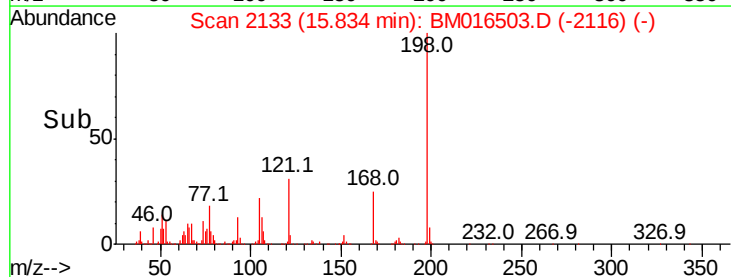
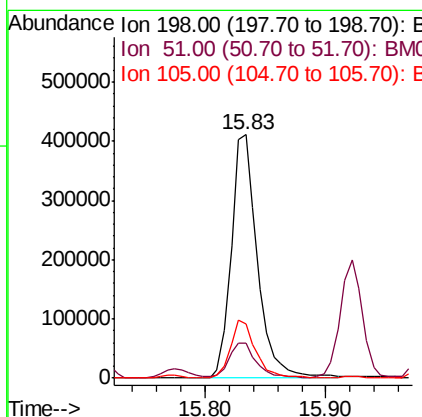
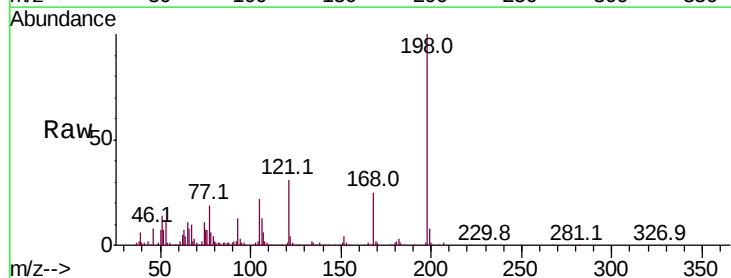
Manual Integrations
APPROVED

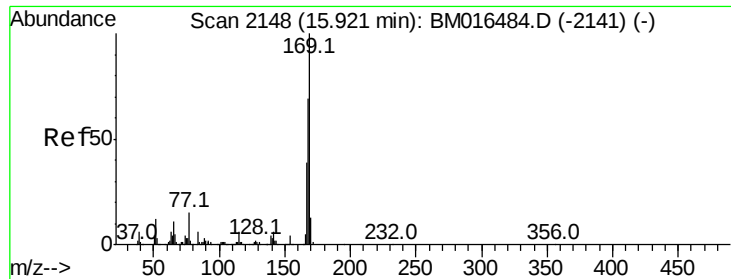
Sohil
8/22/2018 6:07:05 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 49.594 ng
RT: 15.83 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
198	100		
51	14.3	28.8	68.8#
105	22.4	30.5	70.5#





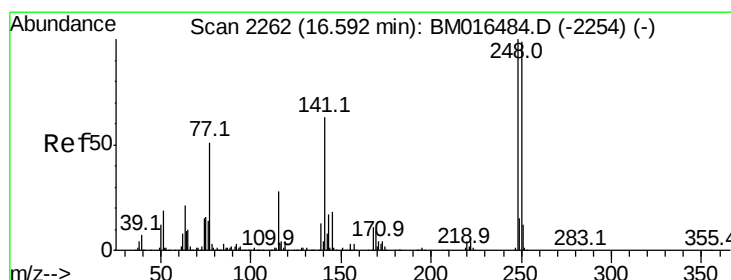
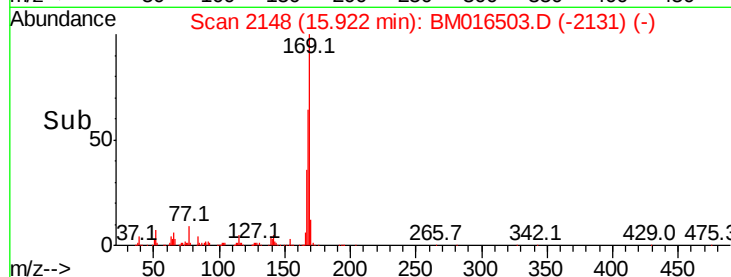
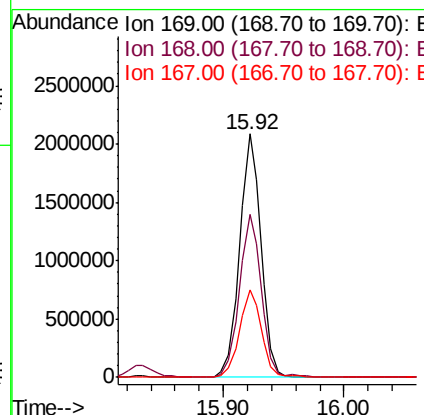
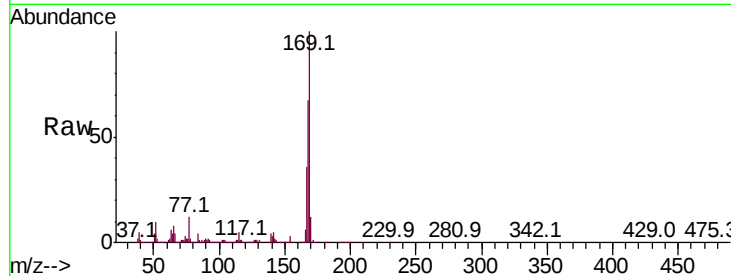
#65
n-Nitrosodiphenylamine
Concen: 55.519 ng
RT: 15.92 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.0	53.9	80.9
167	36.2	28.9	43.3

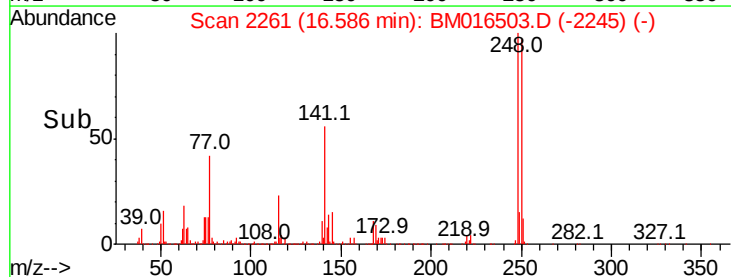
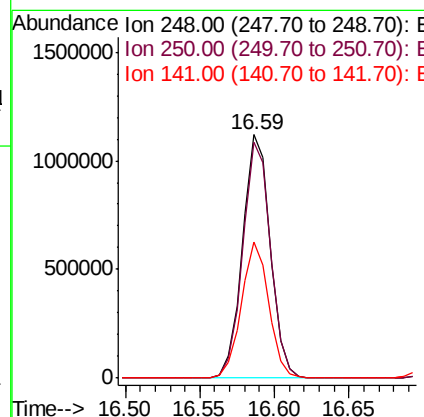
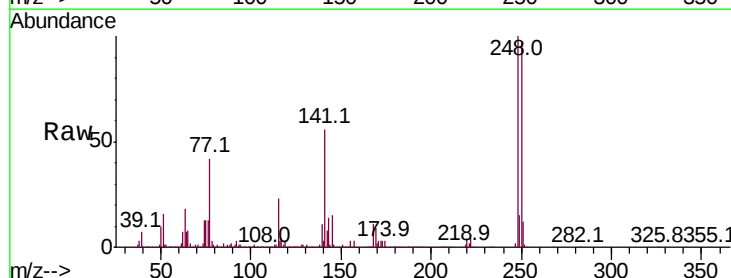
Manual Integrations
APPROVED

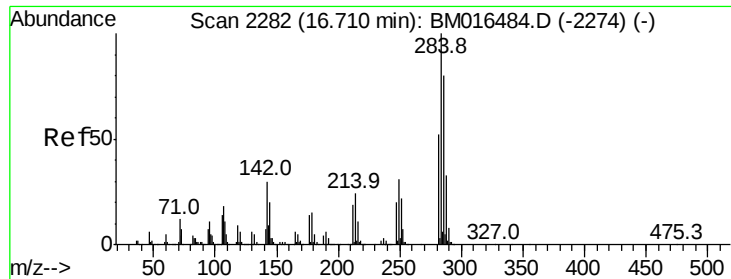
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 57.147 ng
RT: 16.59 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.4	116.0
141	55.8	45.2	67.8





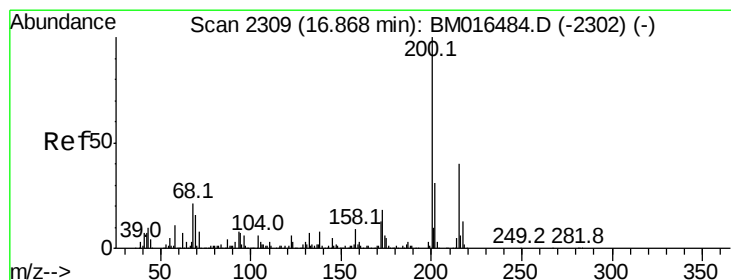
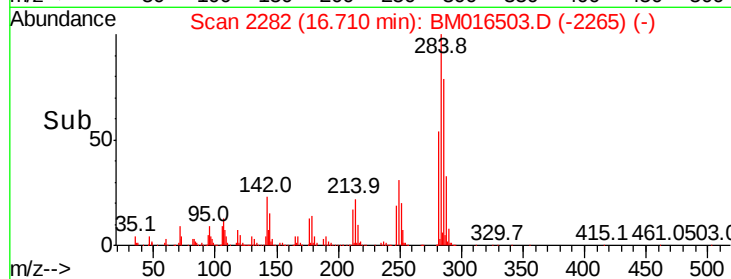
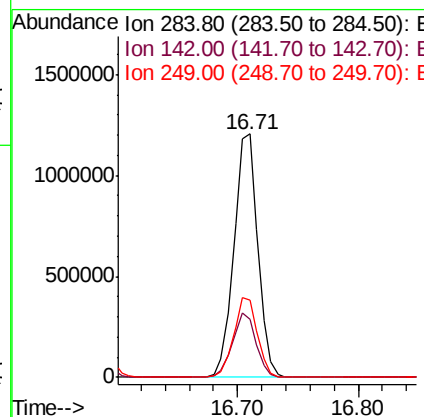
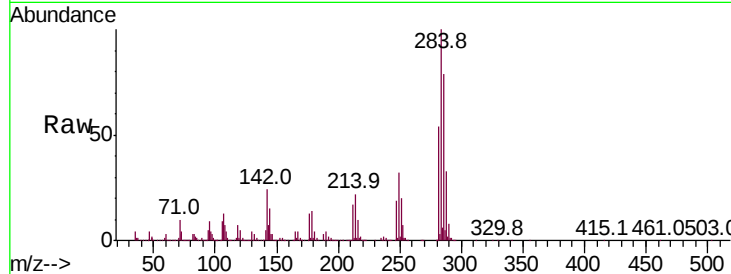
#67
Hexachlorobenzene
Concen: 56.240 ng
RT: 16.71 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	23.6	20.4	30.6
249	31.5	23.8	35.6

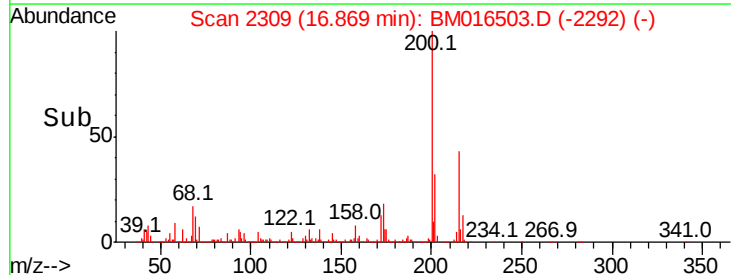
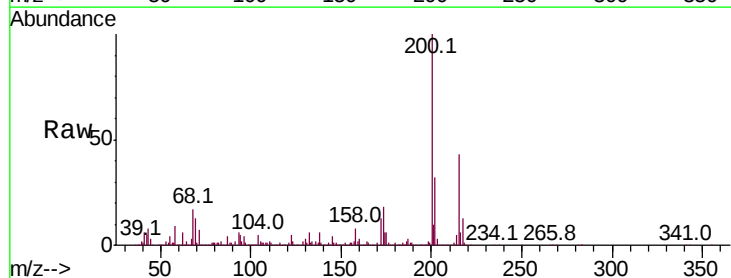
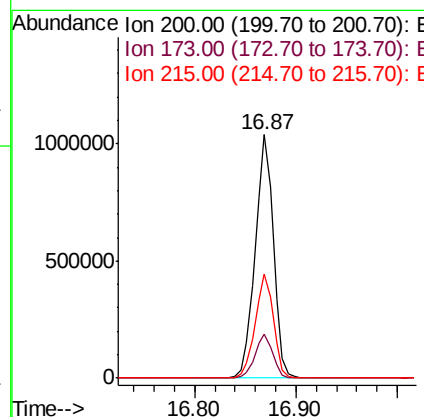
Manual Integrations
APPROVED

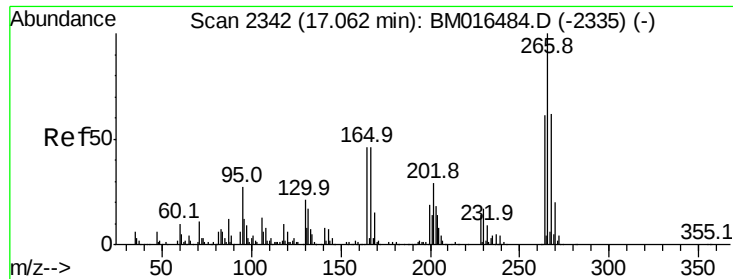
Sohil
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#68
Atrazine
Concen: 61.361 ng
RT: 16.87 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
200	100		
173	18.2	4.8	44.8
215	42.5	26.9	66.9





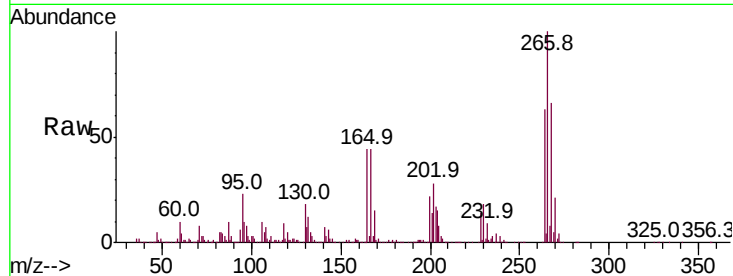
#69
 Pentachlorophenol
 Concen: 101.923 ng
 RT: 17.06 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	52.0	78.0
264	63.1	49.0	73.4

Manual Integrations
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 8/22/2018 6:07:05 PM

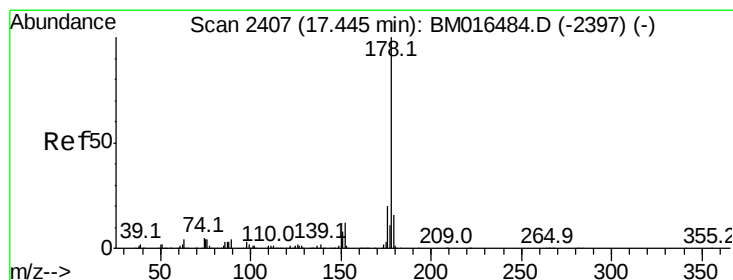
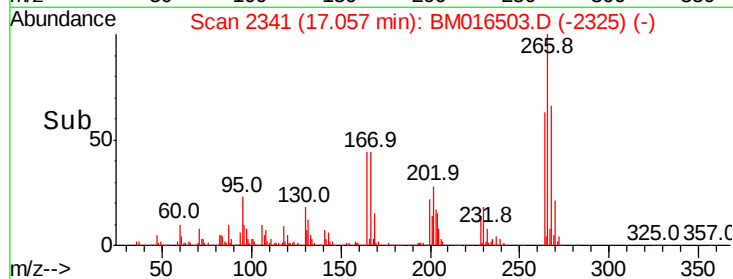
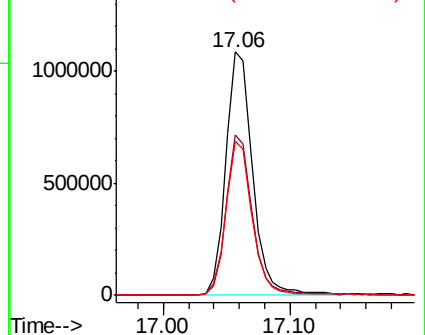


Abundance

Ion 265.70 (265.40 to 266.40): E

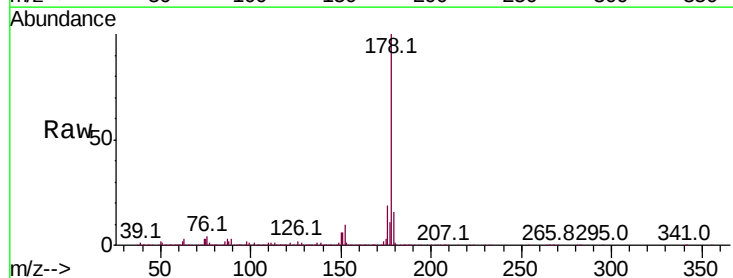
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 59.859 ng
 RT: 17.45 min Scan# 2407
 Delta R.T. 0.00 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.7	12.1	18.1

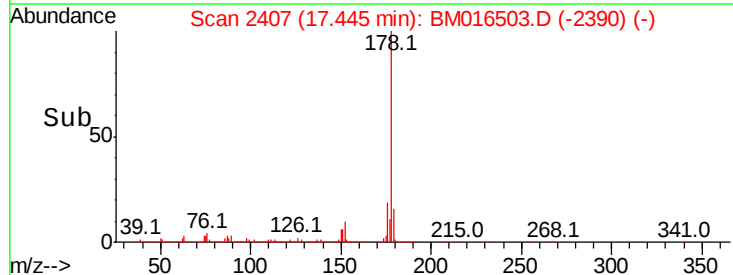
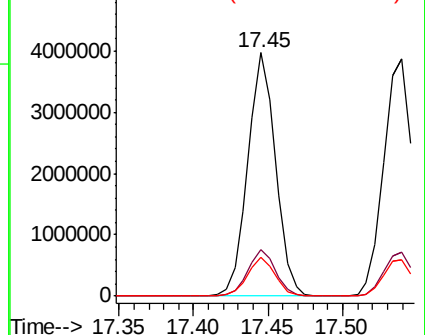


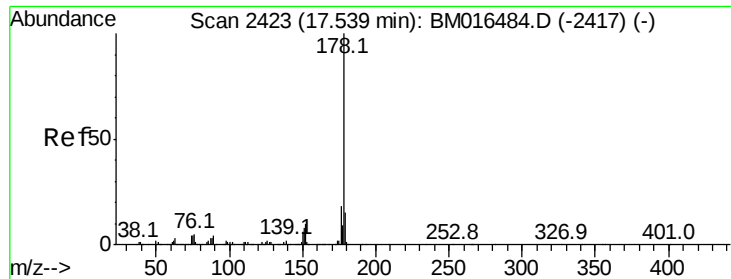
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





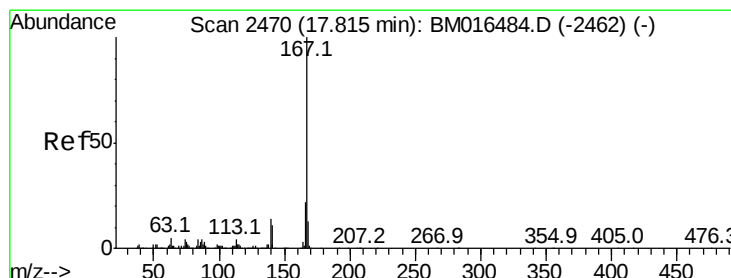
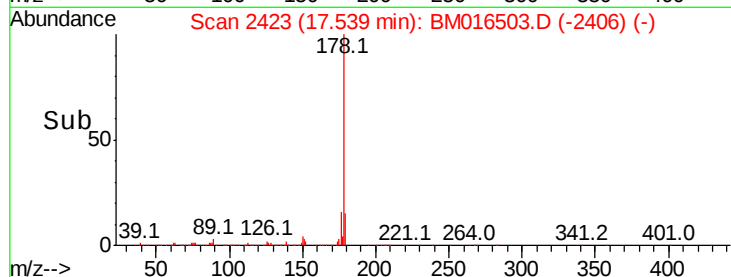
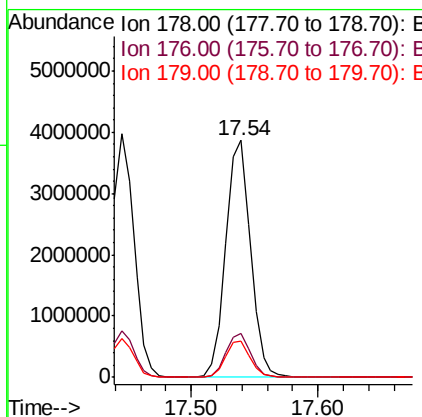
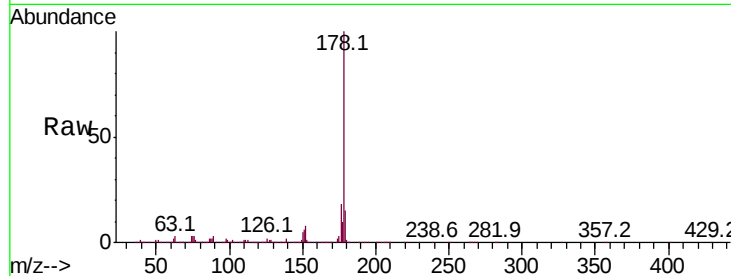
#71
 Anthracene
 Concen: 61.758 ng
 RT: 17.54 min Scan# 2423
 Delta R.T. 0.00 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	22.0
179	15.4	12.6	19.0

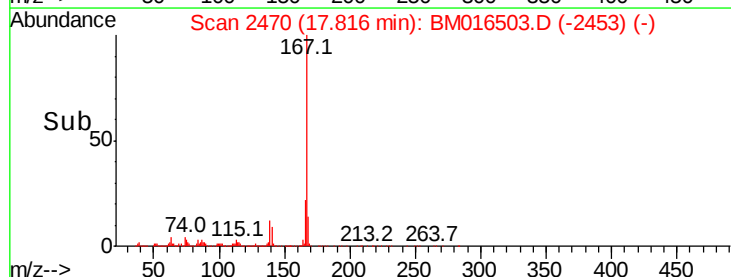
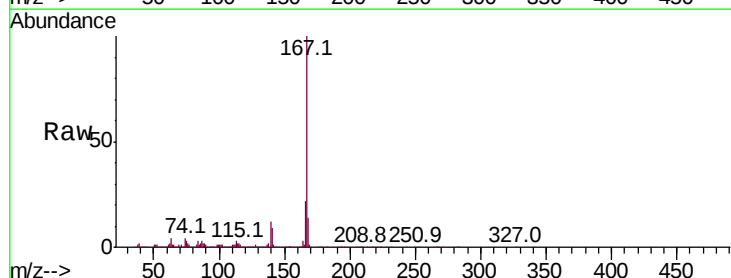
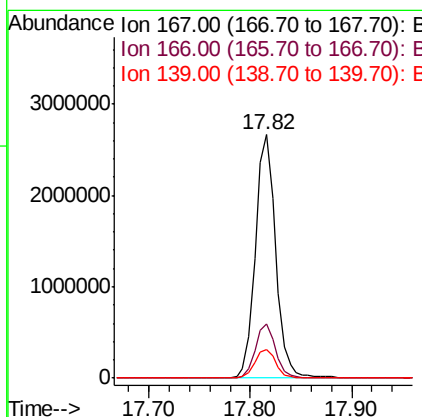
Manual Integrations
 APPROVED

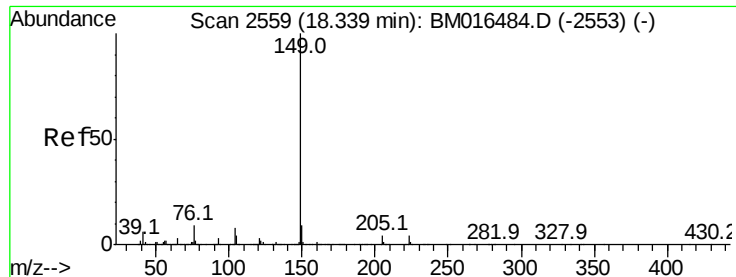
Sohil
 8/22/2018 6:07:05 PM



#72
 Carbazole
 Concen: 48.680 ng
 RT: 17.82 min Scan# 2470
 Delta R.T. 0.00 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.2	25.8
139	12.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 48.626 ng

RT: 18.34 min Scan# 2559

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MSD

Tot Ion:149 Resp: 4504154

Ion Ratio Lower Upper

149 100

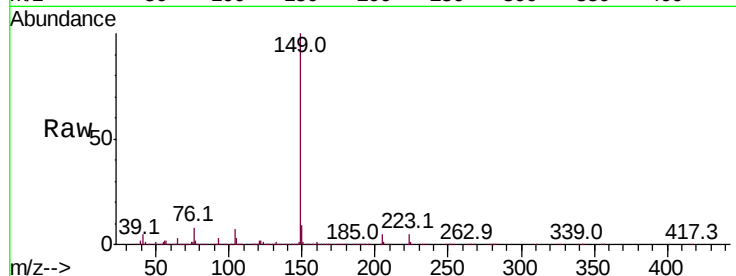
150 8.7 7.5 11.3

104 6.8 3.7 5.5#

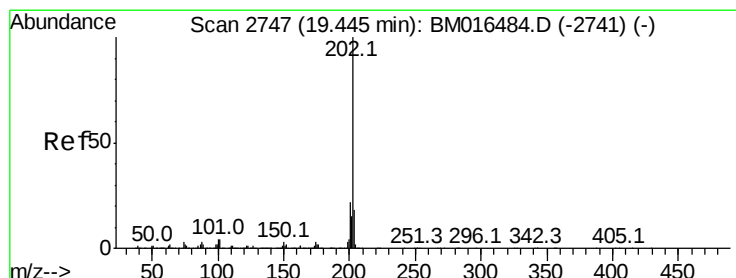
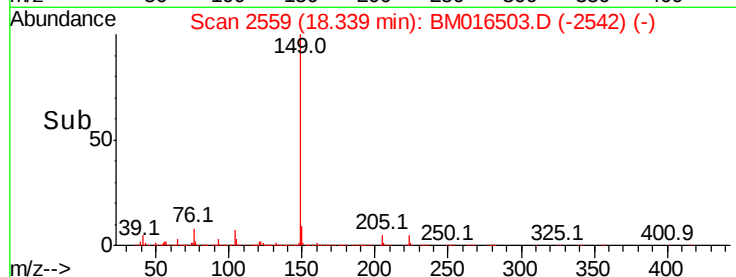
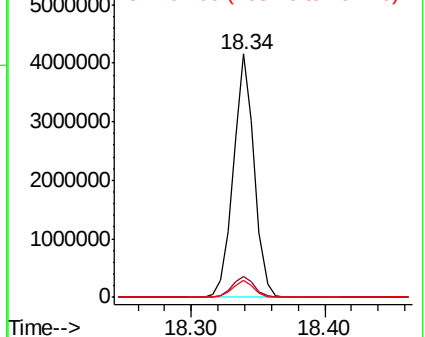
Manual Integrations
APPROVED

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 55.694 ng

RT: 19.45 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

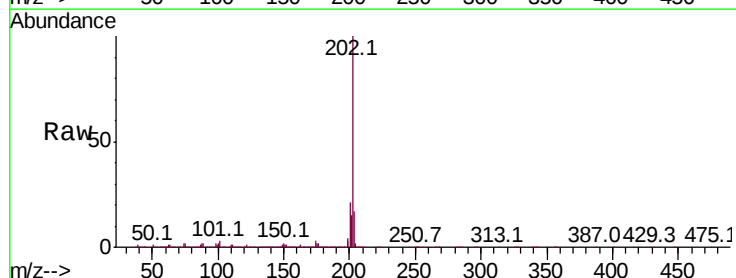
Tgt Ion:202 Resp: 6952568

Ion Ratio Lower Upper

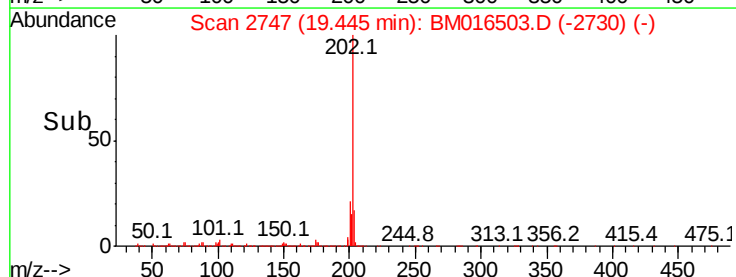
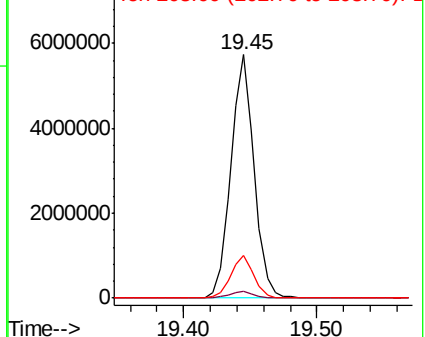
202 100

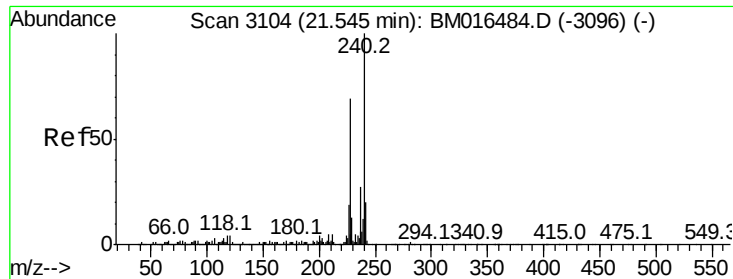
101 2.7 0.0 28.7

203 17.5 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

ClientSampleId :

MS-RO-27186MSD

Tot Ion:240 Resp: 1937946

Ion Ratio Lower Upper

240 100

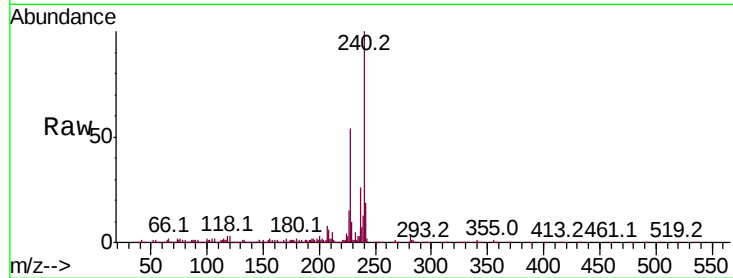
120 2.9 8.2 12.2#

236 26.1 20.0 30.0

Manual Integrations
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Sohil

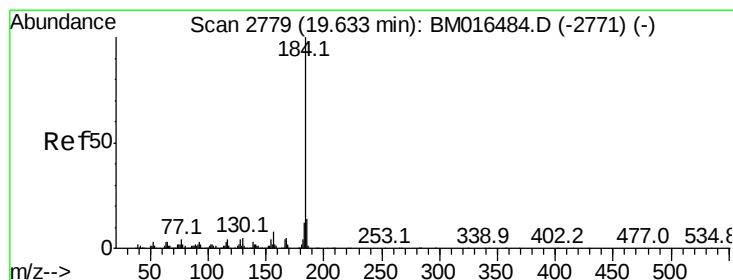
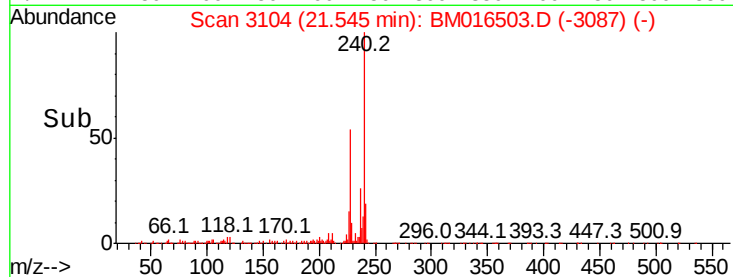
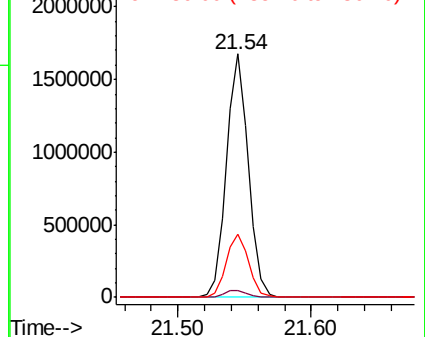
8/22/2018 6:07:05 PM



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: 43.888 ng

RT: 19.63 min Scan# 2779

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

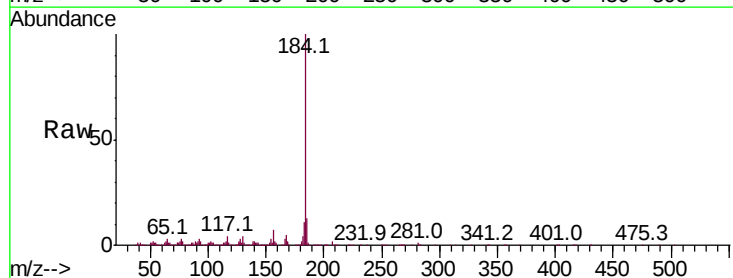
Tgt Ion:184 Resp: 1635661

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

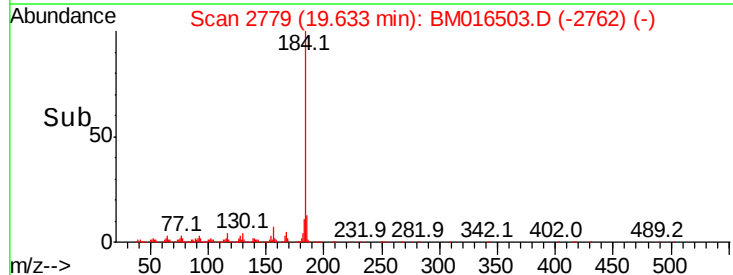
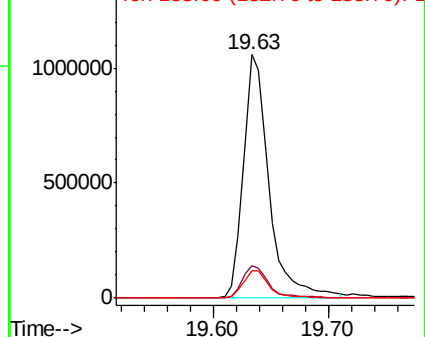
183 11.4 8.9 13.3

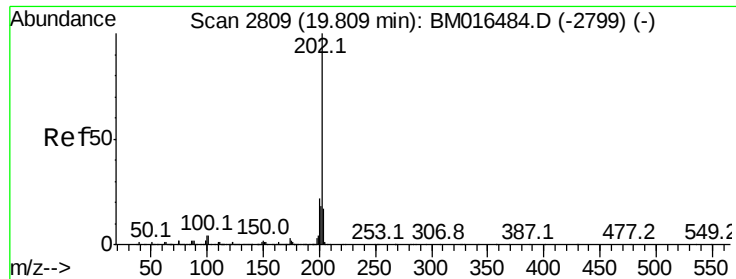


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





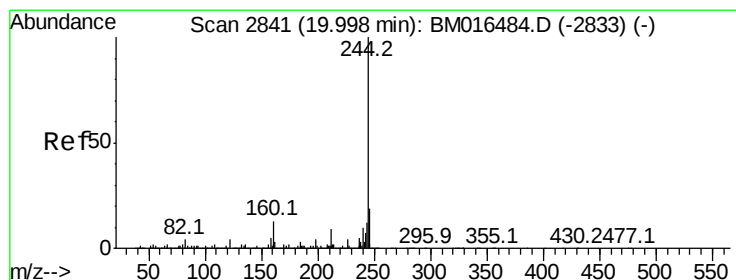
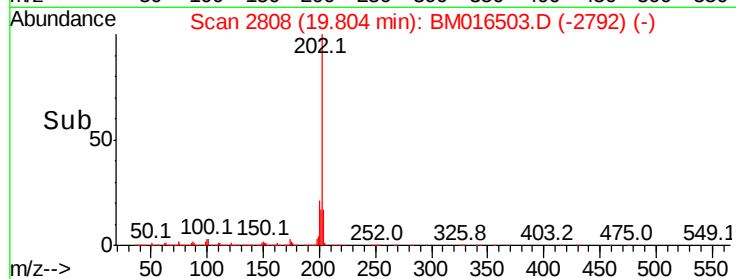
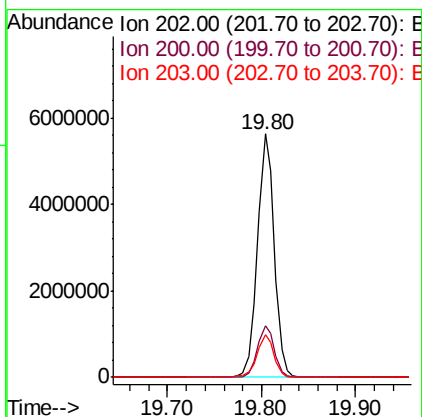
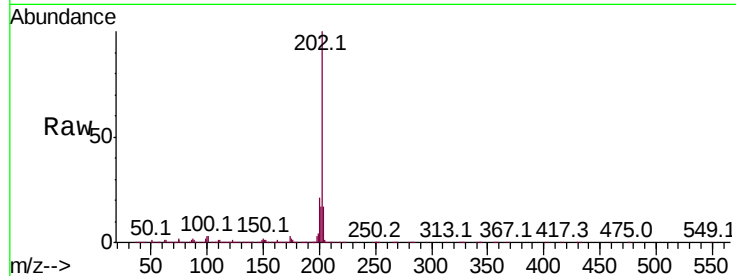
#77
Pvrene
Concen: 65.940 ng
RT: 19.80 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	17.4	14.1	21.1

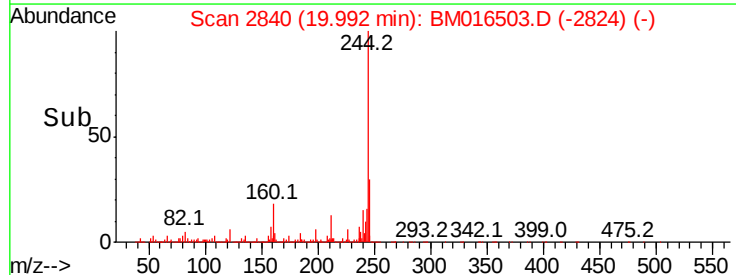
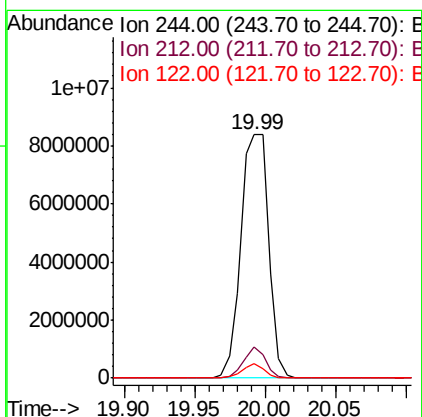
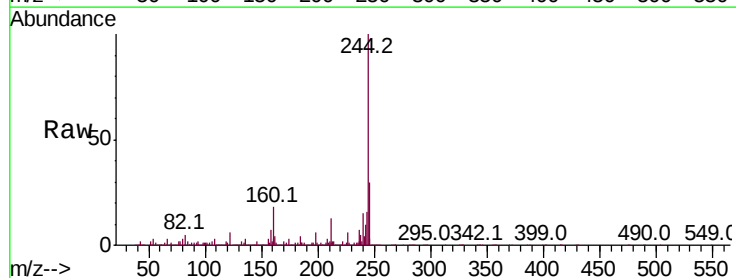
Manual Integrations
APPROVED

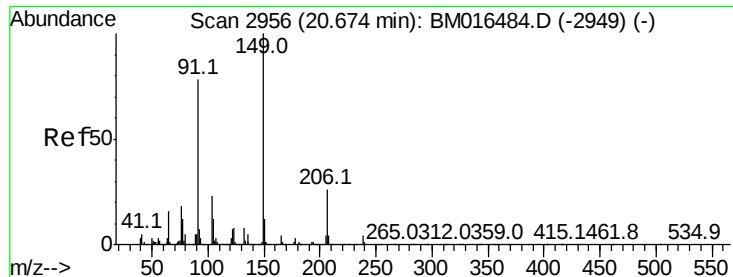
Sohil
8/22/2018 6:07:05 PM



#78
Terphenyl-d14
Concen: 65.940 ng
RT: 19.99 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.8	4.9	7.3#
122	6.1	6.2	9.4#





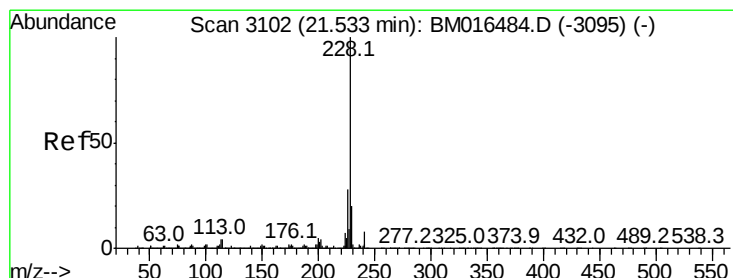
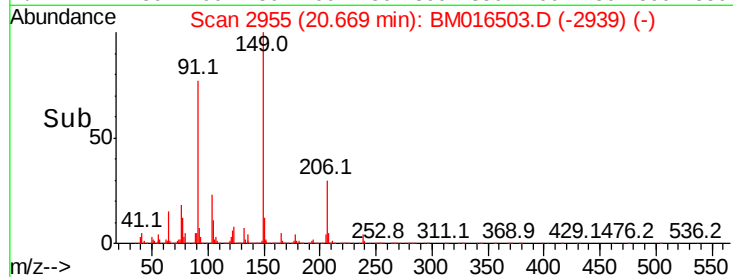
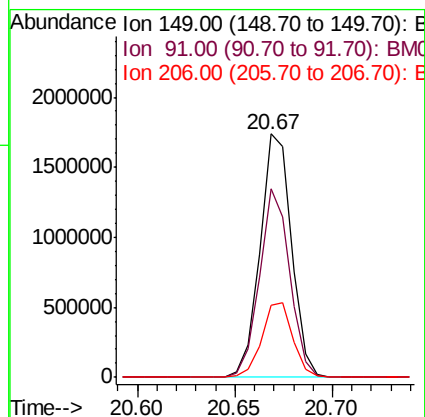
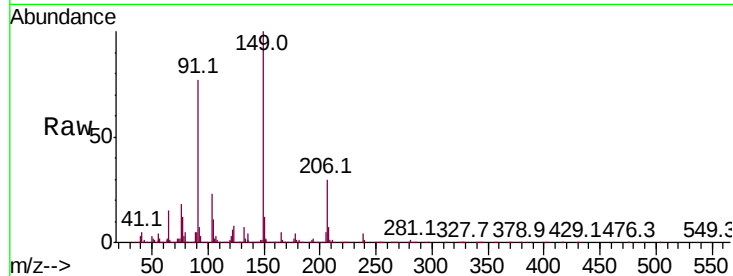
#79
Butylbenzylphthalate
Concen: 53.210 ng
RT: 20.67 min Scan# 2956
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion:149 Resp: 1934391
Ion Ratio Lower Upper
149 100
91 77.2 50.1 75.1#
206 29.9 16.2 24.2#

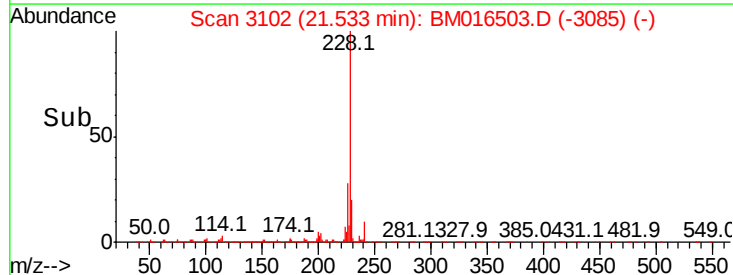
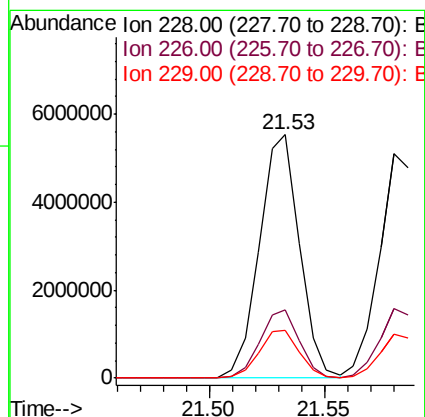
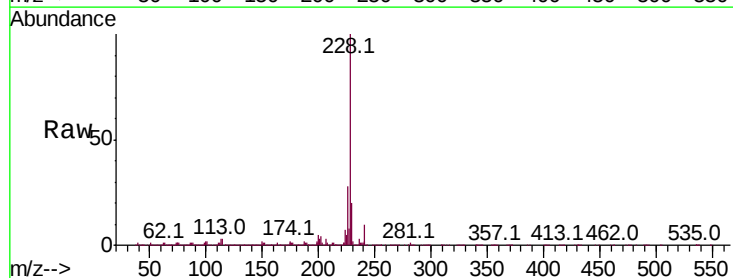
Manual Integrations
APPROVED

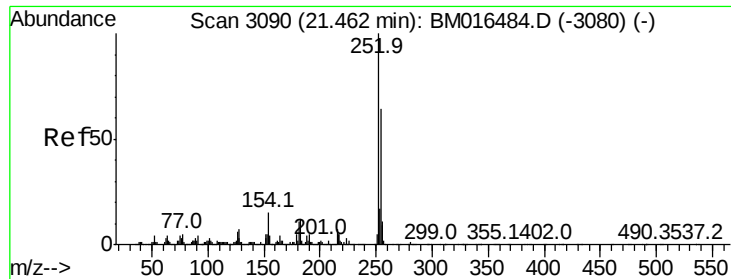
Sohil
8/22/2018 6:07:05 PM



#80
Benzo(a)anthracene
Concen: 58.659 ng
RT: 21.53 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion:228 Resp: 6683343
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.5 16.0 24.0





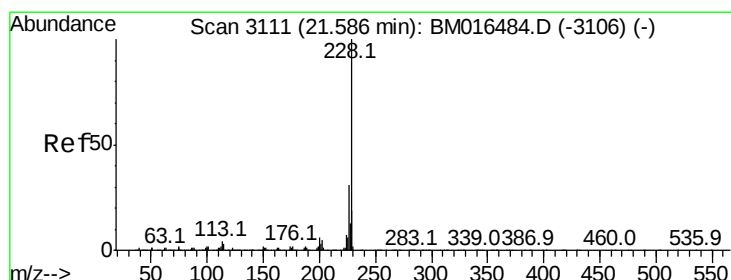
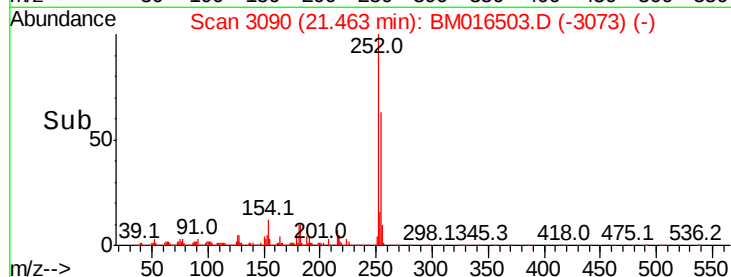
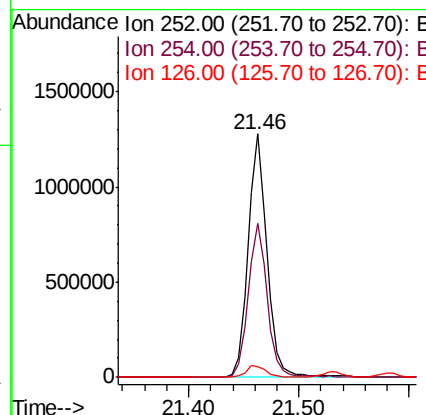
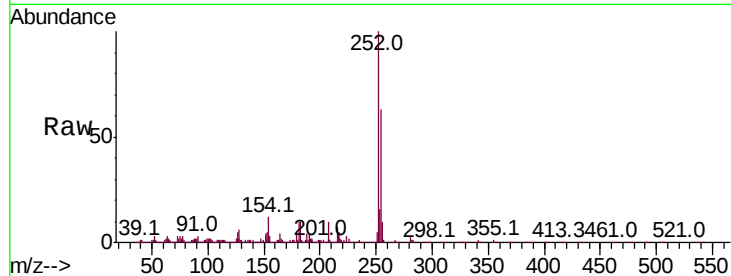
#81
 3,3'-Dichlorobenzidine
 Concen: 30.188 ng
 RT: 21.46 min Scan# 3090
 Delta R.T. 0.00 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.9	77.9
126	4.5	9.8	14.8

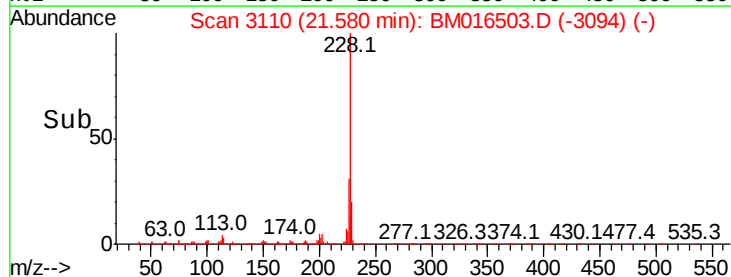
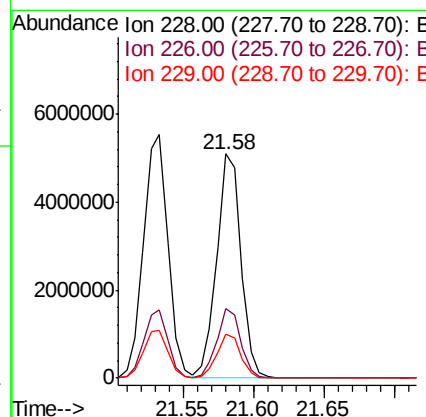
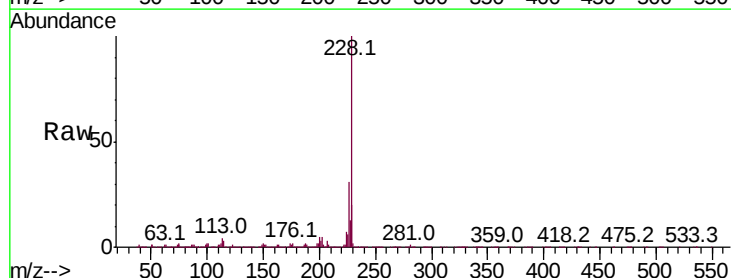
Manual Integrations
 APPROVED

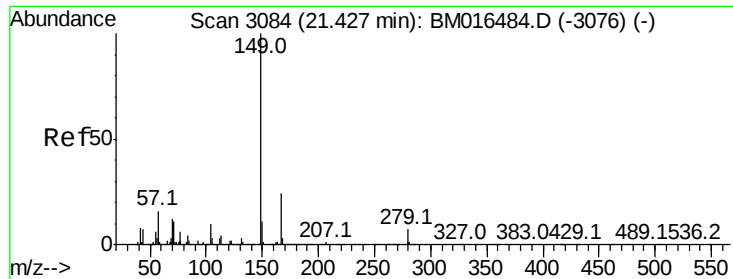
Sohil
 8/22/2018 6:07:05 PM



#82
 Chrysene
 Concen: 56.043 ng
 RT: 21.58 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.1	36.1
229	19.8	15.5	23.3





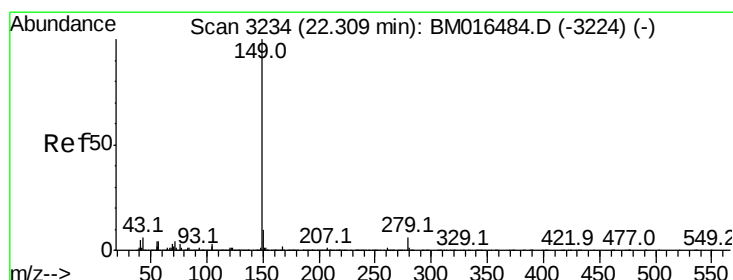
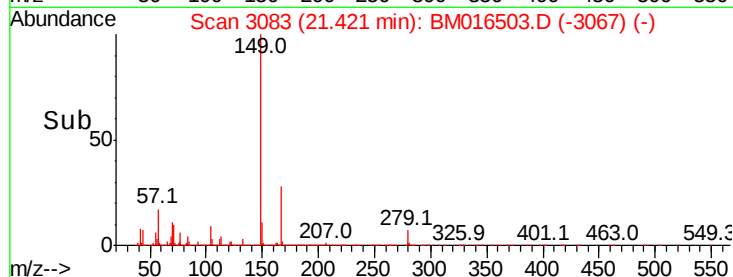
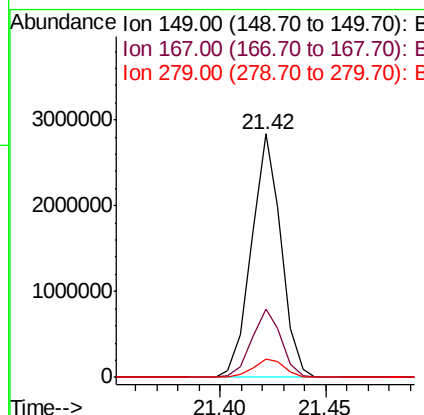
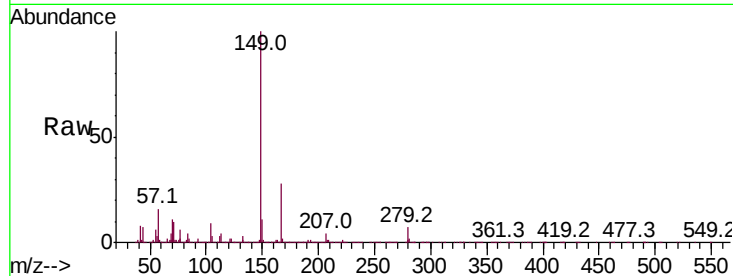
#83
Bis(2-ethylhexyl)phthalate
Concen: 50.919 ng
RT: 21.42 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion:149 Resp: 2751883
Ion Ratio Lower Upper
149 100
167 27.8 22.4 33.6
279 7.4 3.4 5.0#

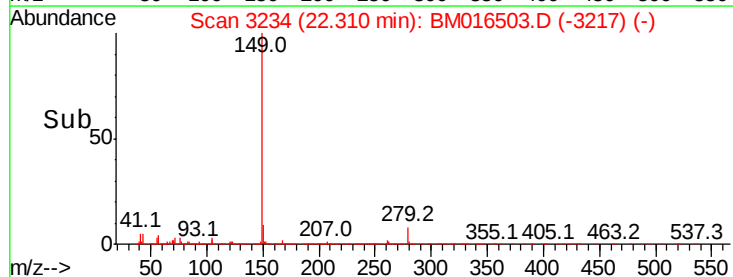
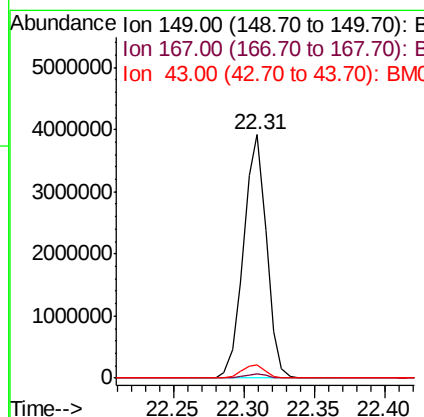
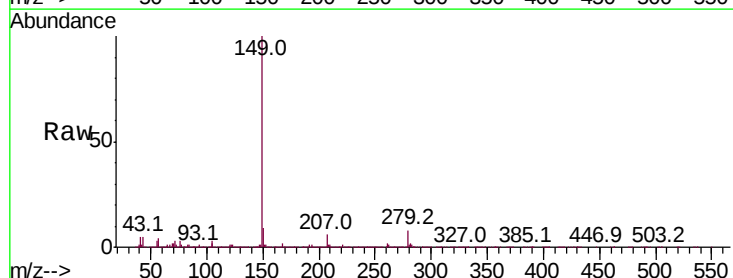
Manual Integrations
APPROVED

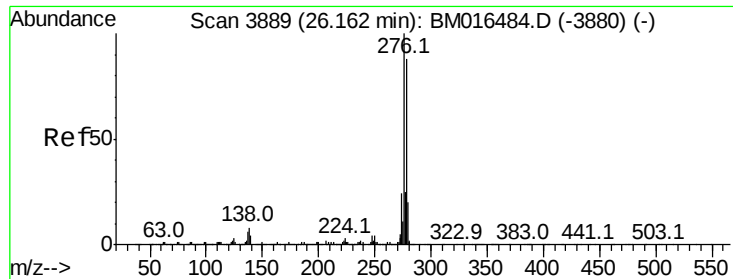
Sohil
8/22/2018 6:07:05 PM



#84
Di-n-octyl phthalate
Concen: 49.278 ng
RT: 22.31 min Scan# 3234
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion:149 Resp: 4425724
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8#
43 5.6 7.3 10.9#





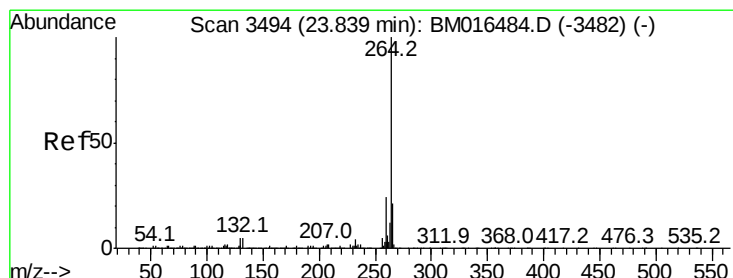
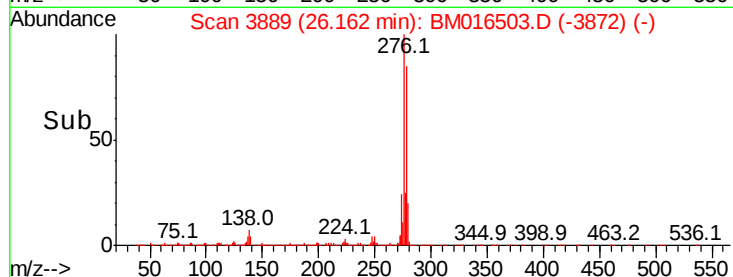
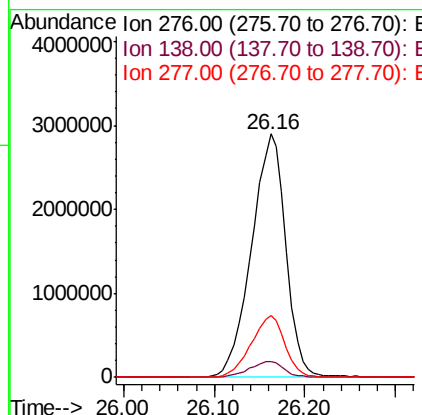
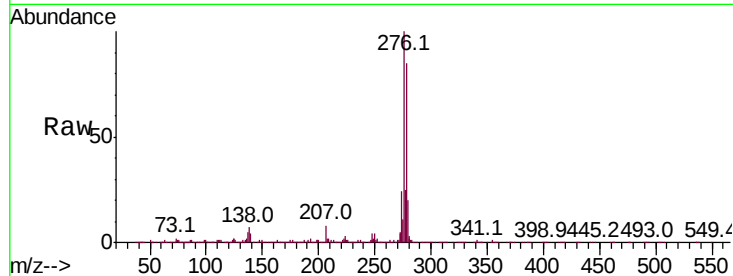
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.535 ng
RT: 26.16 min Scan# 3889
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.7	12.0	18.0#
277	25.2	20.0	30.0

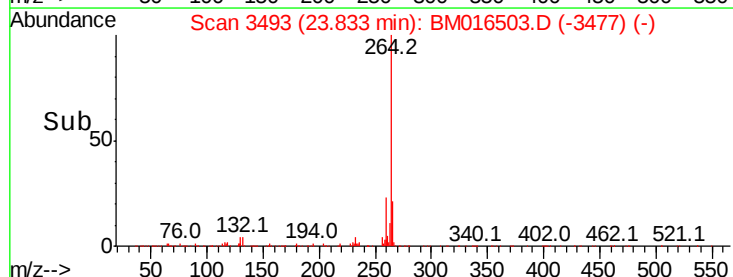
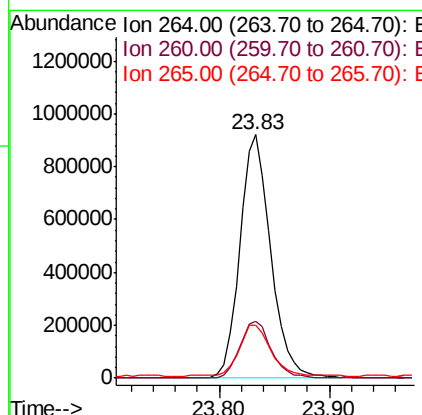
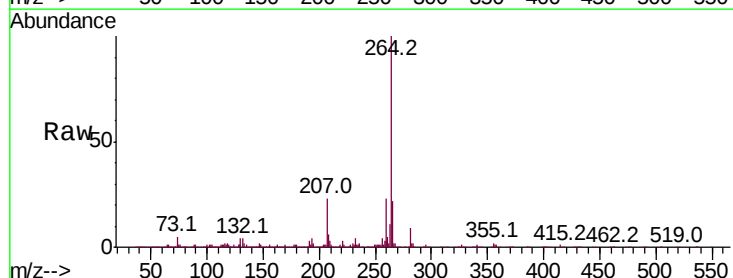
Manual Integrations
APPROVED

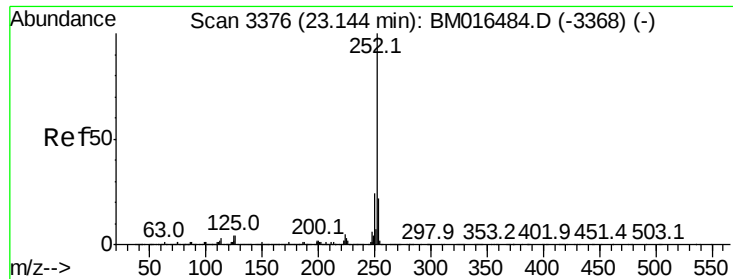
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.83 min Scan# 3493
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 64.547 ng

RT: 23.14 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Instrument :

BNA_M

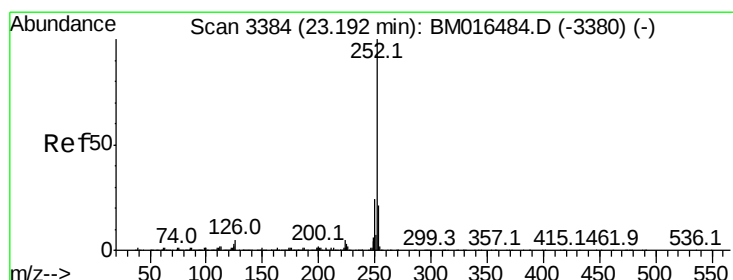
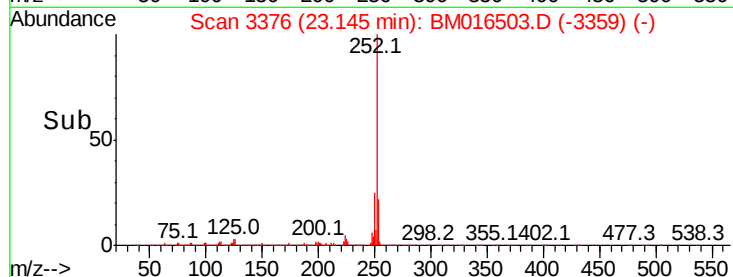
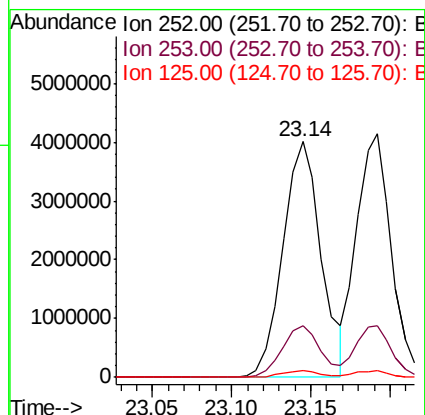
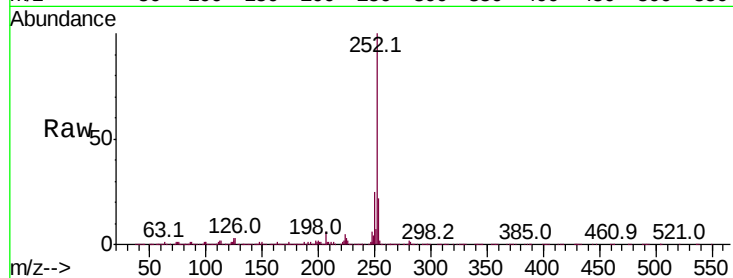
ClientSampleId :

MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	2.7	9.9	14.9

Manual Integrations
APPROVED

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8/22/2018 6:07:05 PM



#88

Benzo(k)fluoranthene

Concen: 59.581 ng

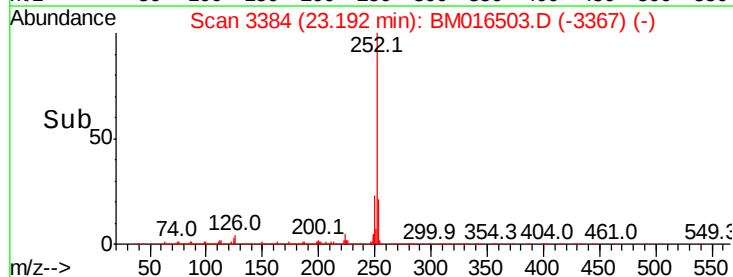
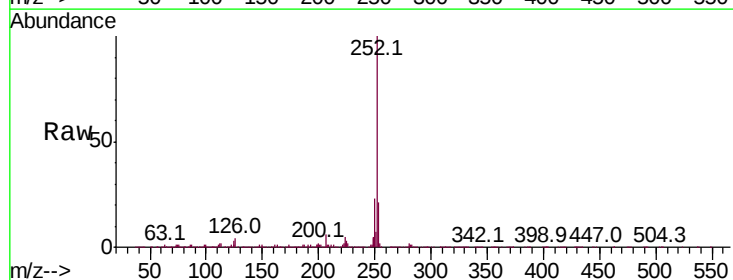
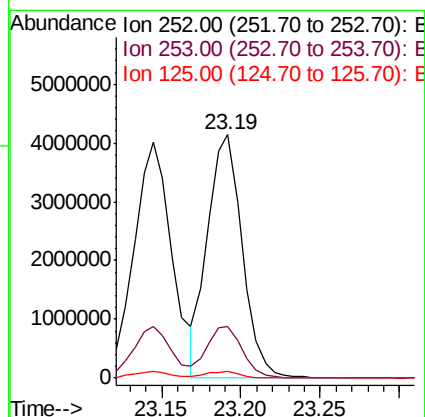
RT: 23.19 min Scan# 3384

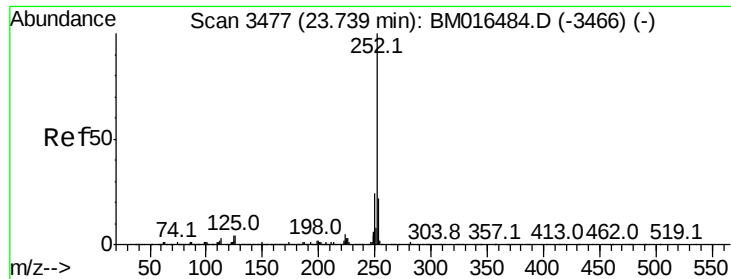
Delta R.T. 0.00 min

Lab File: BM016503.D

Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	2.6	8.1	12.1





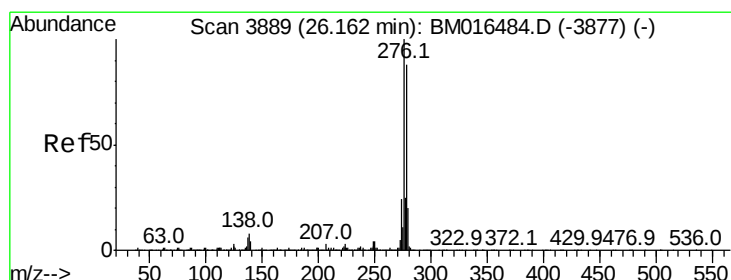
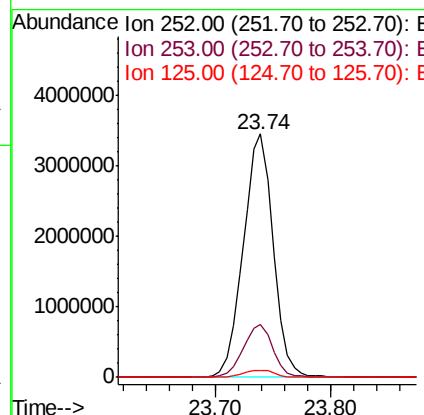
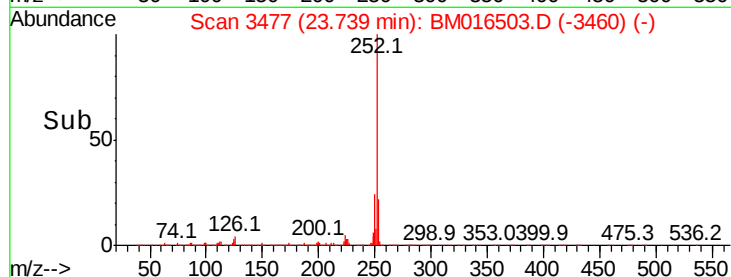
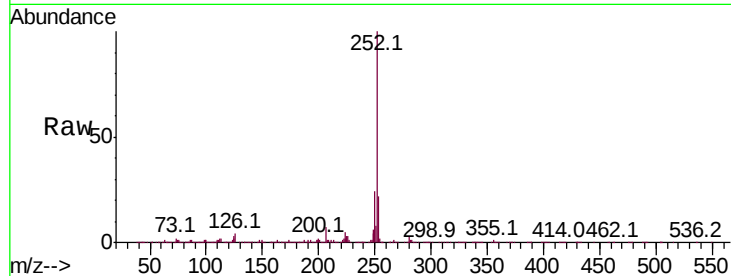
#89
Benzo(a)pyrene
Concen: 60.986 ng
RT: 23.74 min Scan# 3477
Delta R.T. 0.00 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Instrument :
BNA_M
ClientSampleId :
MS-RO-27186MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	2.8	7.4	11.2

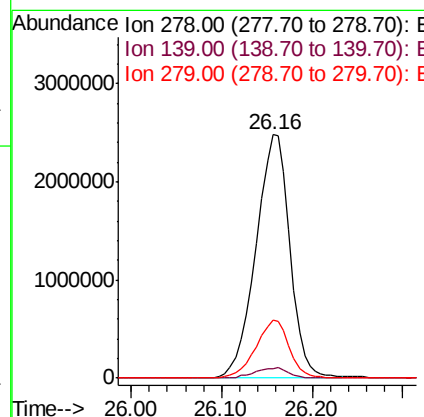
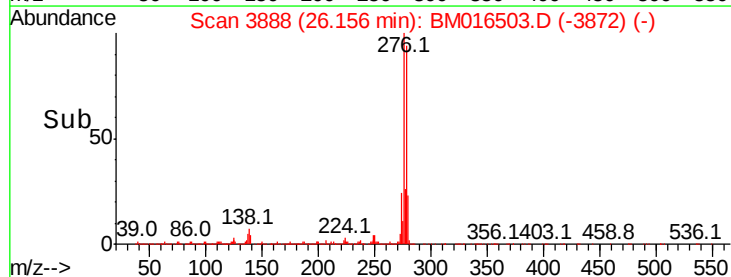
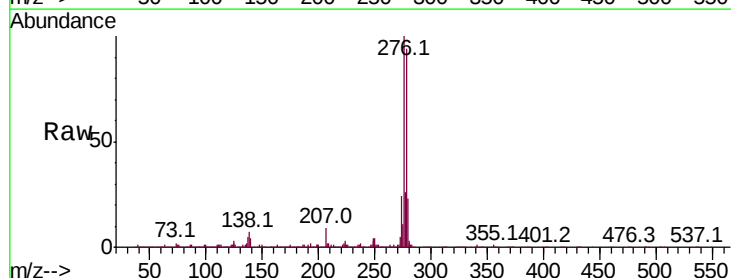
Manual Integrations
APPROVED

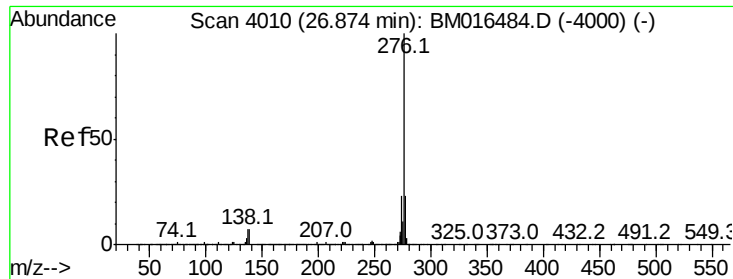
Sohil
8/22/2018 6:07:05 PM



#90
Dibenzo(a,h)anthracene
Concen: 57.010 ng
RT: 26.16 min Scan# 3888
Delta R.T. -0.01 min
Lab File: BM016503.D
Acq: 22 Aug 2018 02:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	4.1	13.4	20.0
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 57.262 ng
 RT: 26.87 min Scan# 4009
 Delta R.T. -0.01 min
 Lab File: BM016503.D
 Acq: 22 Aug 2018 02:55

Instrument :
 BNA_M
 ClientSampleId :
 MS-RO-27186MSD

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.2	18.5	27.7	
138	5.7	19.0	28.6	

Manual Integrations
 APPROVED

Sohil
 8/22/2018 6:07:05 PM

