

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082318\
 Data File : BM016561.D
 Acq On : 23 Aug 2018 20:46
 Operator : SJ/JU
 Sample : PB112325BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BS

Manual Integrations
 APPROVED

Sohil
 8/24/2018 8:40:53 AM

Quant Time: Aug 24 05:04:00 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	8.01	152	162625	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	665814	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	514580	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	1544283	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1969973	20.00	ng	0.00
86) Perylene-d12	23.82	264	1737509	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	796639	95.99	ng	0.00
7) Phenol-d6	7.19	99	1018254	92.72	ng	0.00
23) Nitrobenzene-d5	9.20	82	1144029	78.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	1375010	95.59	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	4662009	87.09	ng	-0.01
78) Terphenyl-d14	19.99	244	9463870	101.68	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	165147	36.020	ng	# 100
3) Pyridine	3.80	79	319324	33.475	ng	# 81
4) n-Nitrosodimethylamine	3.72	42	198551	46.722	ng	# 74
6) Aniline	7.35	93	431701	35.130	ng	# 84
8) 2-Chlorophenol	7.58	128	443202	44.881	ng	95
9) Benzaldehyde	7.16	77	194138	25.473	ng	86
10) Phenol	7.22	94	475551	43.787	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	322150	39.557	ng	98
12) 1,3-Dichlorobenzene	7.89	146	519332	39.666	ng	# 88
13) 1,4-Dichlorobenzene	8.05	146	528220	39.313	ng	94
14) 1,2-Dichlorobenzene	8.36	146	535411	40.560	ng	95
15) Benzyl Alcohol	8.28	79	401942	39.413	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.53	45	212213	37.843	ng	# 46
17) 2-Methylphenol	8.47	107	341584	43.433	ng	# 74
18) Hexachloroethane	9.07	117	265676	42.920	ng	# 45
19) n-Nitroso-di-n-propylamine	8.83	70	346448	40.238	ng	# 87
20) 3+4-Methylphenols	8.80	107	463423	42.618	ng	# 79
22) Acetophenone	8.86	105	666831	41.592	ng	97
24) Nitrobenzene	9.24	77	584738	40.133	ng	95
25) Isophorone	9.76	82	929232	47.679	ng	# 95
26) 2-Nitrophenol	9.95	139	262856	42.200	ng	# 50
27) 2,4-Dimethylphenol	10.00	122	401226	49.429	ng	# 72
28) bis(2-Chloroethoxy)methane	10.23	93	504714	43.383	ng	98
29) 2,4-Dichlorophenol	10.48	162	604224	49.736	ng	92
30) 1,2,4-Trichlorobenzene	10.68	180	889405	48.247	ng	# 97
31) Naphthalene	10.87	128	1364466	43.013	ng	98
32) Benzoic acid	10.23	122	245660	36.171	ng	# 76
33) 4-Chloroaniline	11.00	127	345074	25.848	ng	# 87
34) Hexachlorobutadiene	11.12	225	839883	47.735	ng	97
35) Caprolactam	11.83	113	102072m	35.015	ng	
36) 4-Chloro-3-methylphenol	12.13	107	482562	41.318	ng	90
37) 2-Methylnaphthalene	12.47	142	1210048	48.726	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1325378	45.605	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	1550356	104.700	ng	96

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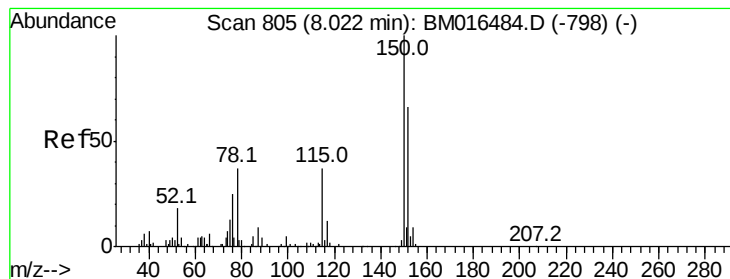
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	814046	46.841	nq	97
43) 2,4,5-Trichlorophenol	13.17	196	789784m	46.524	nq	
45) 1,1'-Biphenyl	13.49	154	1733974	38.429	nq	97
46) 2-Chloronaphthalene	13.53	162	1457856	39.769	nq	99
47) 2-Nitroaniline	13.77	65	344069	35.239	nq	89
48) Acenaphthylene	14.38	152	2165119	41.842	nq	98
49) Dimethylphthalate	14.12	163	2038571	41.235	nq	# 98
50) 2,6-Dinitrotoluene	14.26	165	396302	41.099	nq	# 87
51) Acenaphthene	14.72	154	1290029	40.580	nq	98
52) 3-Nitroaniline	14.60	138	215781	24.594	nq	# 74
53) 2,4-Dinitrophenol	14.82	184	387403	80.281	nq	# 71
54) Dibenzofuran	15.06	168	2649054	43.530	nq	95
55) 4-Nitrophenol	14.91	139	393175	70.258	nq	# 80
56) 2,4-Dinitrotoluene	15.06	165	666657	41.461	nq	# 92
57) Fluorene	15.70	166	2120204	46.119	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.29	232	769997	47.192	nq	# 100
59) Diethylphthalate	15.47	149	1947343	37.778	nq	94
60) 4-Chlorophenyl-phenylether	15.69	204	1702182	44.152	nq	# 85
61) 4-Nitroaniline	15.77	138	272194	31.743	nq	# 1
62) Azobenzene	15.99	77	2124887	38.702	nq	88
64) 4,6-Dinitro-2-methylphenol	15.82	198	402398	34.294	nq	# 57
65) n-Nitrosodiphenylamine	15.91	169	1773349	40.819	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	1043727	43.986	nq	97
67) Hexachlorobenzene	16.70	284	1167496	42.191	nq	95
68) Atrazine	16.86	200	967573	48.802	nq	92
69) Pentachlorophenol	17.05	266	1034083	70.628	nq	99
70) Phenanthrene	17.44	178	3525822	44.174	nq	100
71) Anthracene	17.53	178	3605954	45.496	nq	99
72) Carbazole	17.80	167	2542154	35.690	nq	100
73) Di-n-butylphthalate	18.33	149	3220755	37.090	nq	# 97
74) Fluoranthene	19.44	202	4988543	42.626	nq	94
76) Benzidine	19.63	184	1374710	36.287	nq	98
77) Pyrene	19.80	202	5045012	47.123	nq	99
79) Butylbenzylphthalate	20.66	149	1469182	39.756	nq	# 79
80) Benzo(a)anthracene	21.52	228	5161638	44.567	nq	99
81) 3,3'-Dichlorobenzidine	21.46	252	1448711	28.101	nq	# 95
82) Chrysene	21.57	228	4635317	41.946	nq	99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2092077	38.081	nq	# 96
84) Di-n-octyl phthalate	22.30	149	3340992	36.595	nq	# 93
85) Indeno(1,2,3-cd)pyrene	26.14	276	5675018	35.710	nq	# 92
87) Benzo(b)fluoranthene	23.13	252	5203599	51.953	nq	# 90
88) Benzo(k)fluoranthene	23.18	252	4804105	47.140	nq	# 93
89) Benzo(a)pyrene	23.73	252	4745047	48.689	nq	# 94
90) Dibenzo(a,h)anthracene	26.14	278	4798526	43.934	nq	# 87
91) Benzo(g,h,i)perylene	26.85	276	4333624	44.202	nq	# 81

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



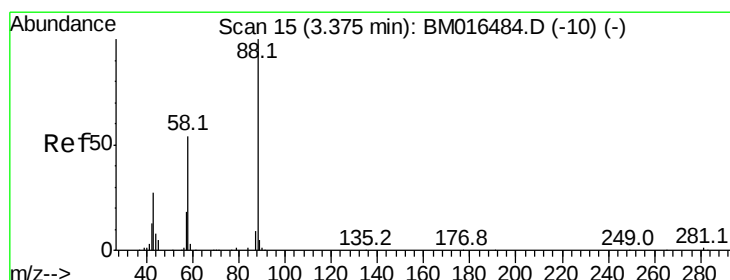
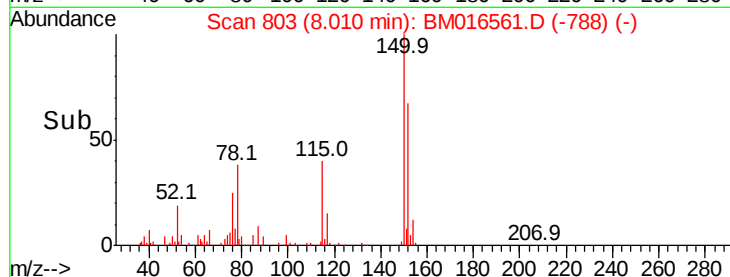
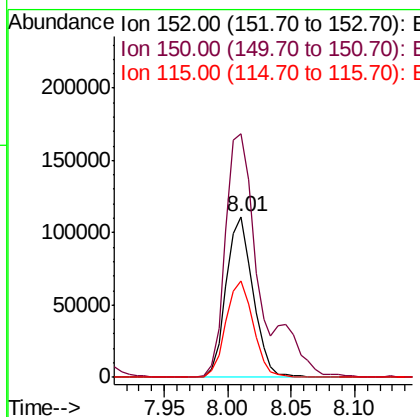
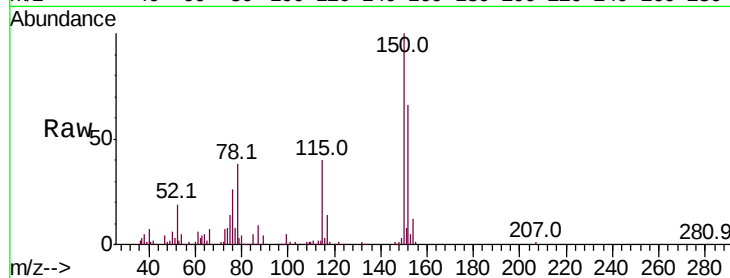
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	119.5	179.3
115	60.2	43.0	64.4

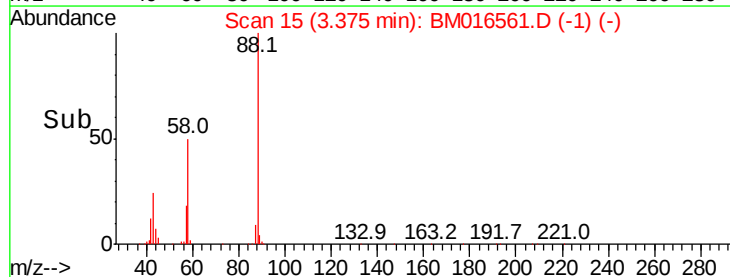
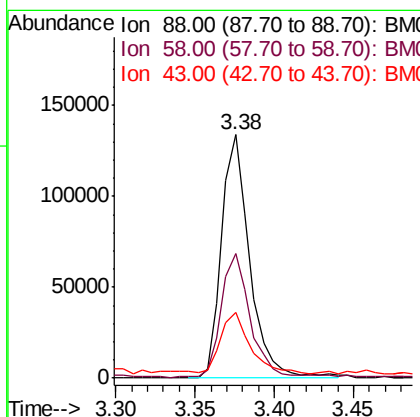
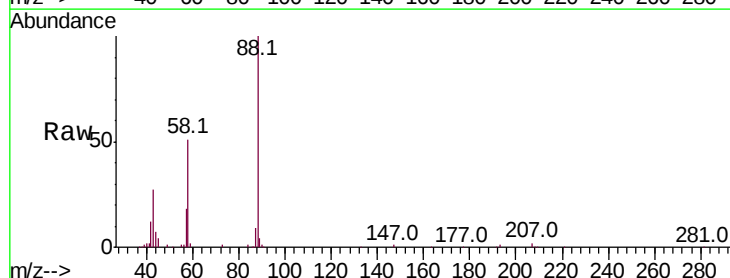
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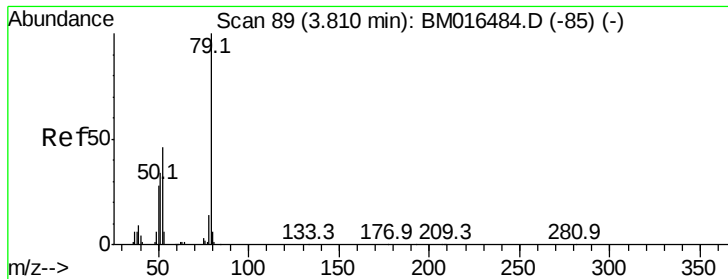
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#2
 1,4-Dioxane
 Concen: 36.020 ng
 RT: 3.38 min Scan# 15
 Delta R.T. 0.00 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	50.8	0.0	0.0#
43	26.2	0.0	0.0#





#3

Pvridine

Concen: 33.475 ng

RT: 3.80 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

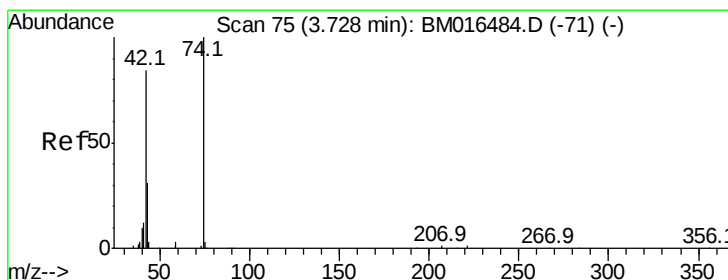
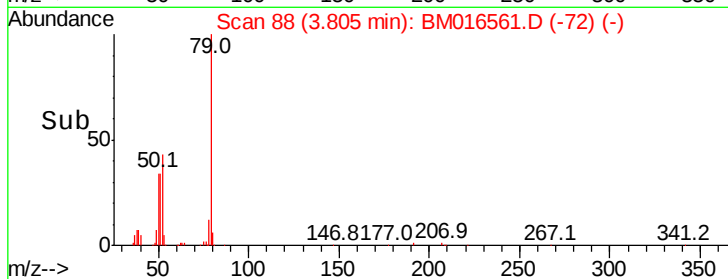
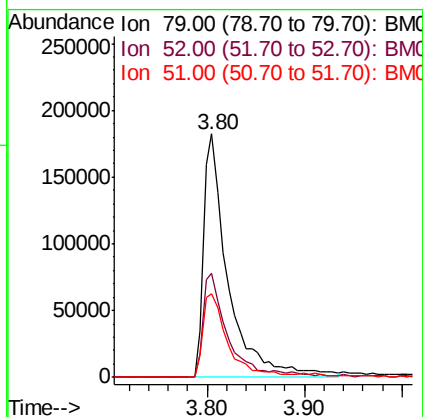
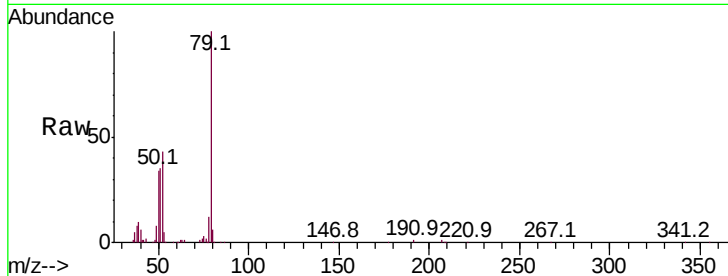
ClientSampleId :

PB112325BS

Tot Ion:	79	Resp:	319324
Ion Ratio	Lower	Upper	
79	100		
52	43.0	51.1	76.7#
51	34.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 46.722 ng

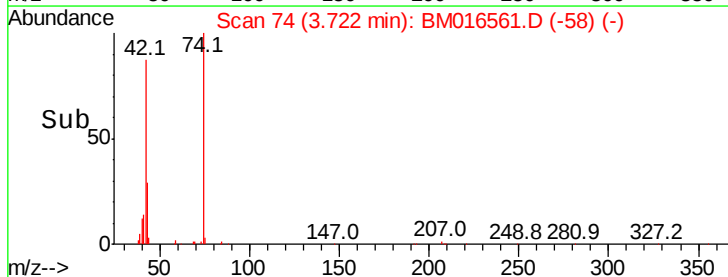
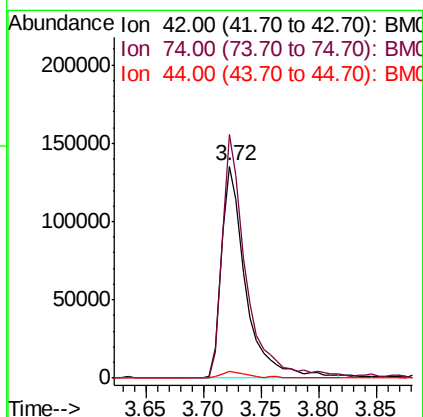
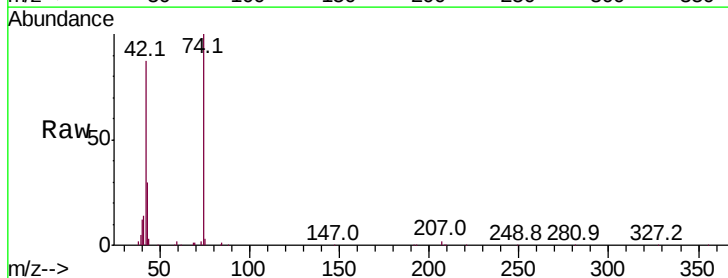
RT: 3.72 min Scan# 74

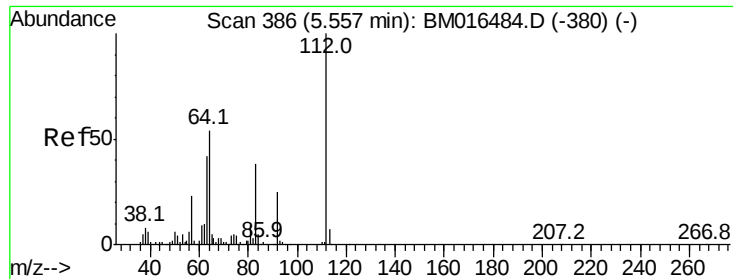
Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Tgt Ion:	42	Resp:	198551
Ion Ratio	Lower	Upper	
42	100		
74	114.9	119.3	178.9#
44	3.0	5.4	8.2#





#5

2-Fluorophenol

Concen: 95.993 ng

RT: 5.55 min Scan# 385

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

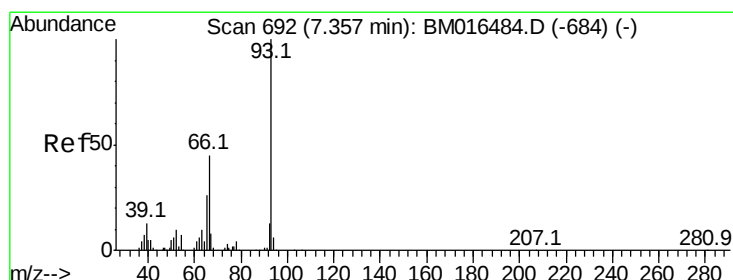
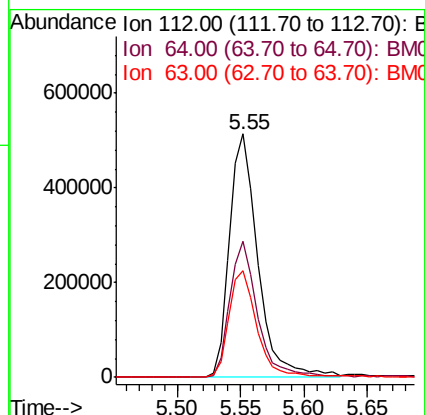
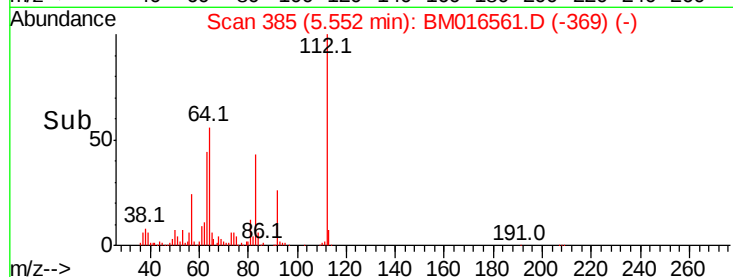
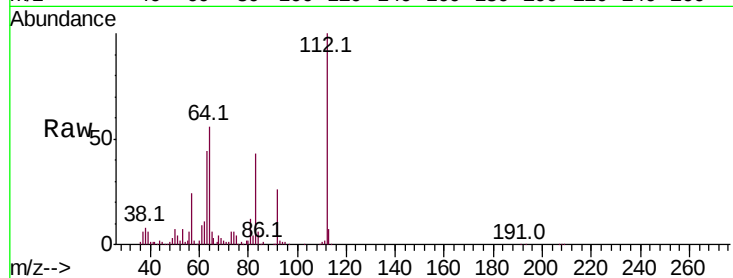
ClientSampleId :

PB112325BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	55.7	38.6	57.8
63	43.7	19.3	28.9#

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#6

Aniline

Concen: 35.130 ng

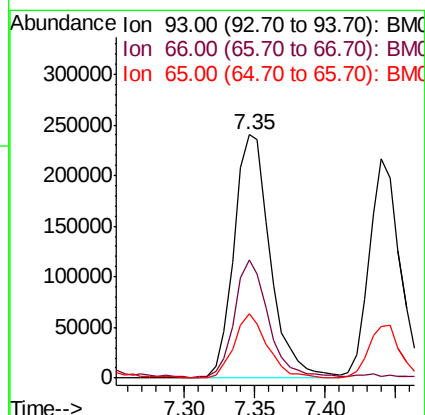
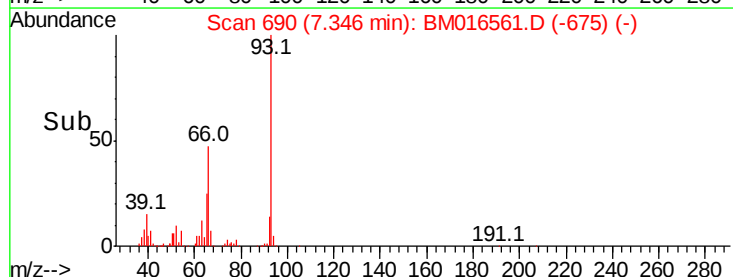
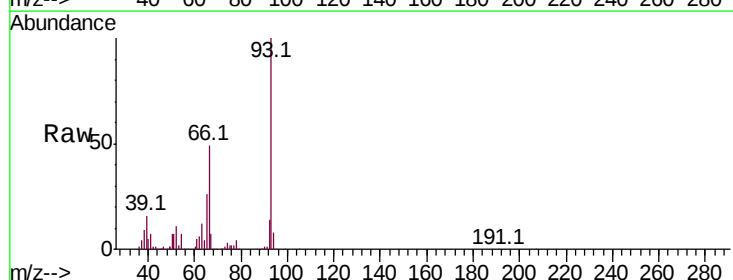
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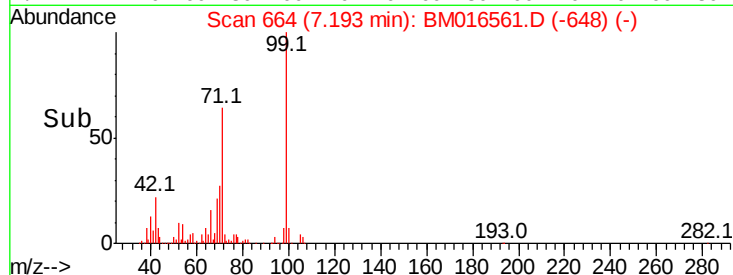
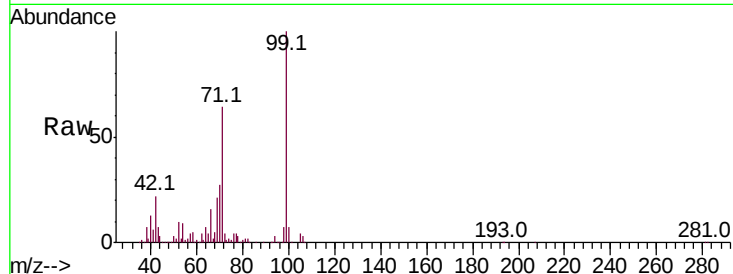
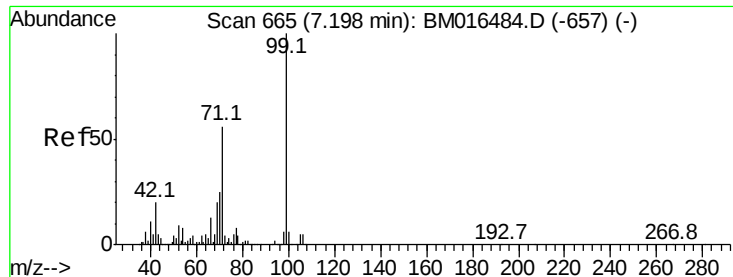
Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	48.7	30.8	46.2#
65	26.3	16.0	24.0#





#7

Phenol-d6

Concen: 92.722 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Tot Ion	99	Resp	1018254
Ion	Ratio	Lower	Upper
99	100		
42	21.6	11.0	16.4#
71	64.4	23.4	35.2#

Instrument :

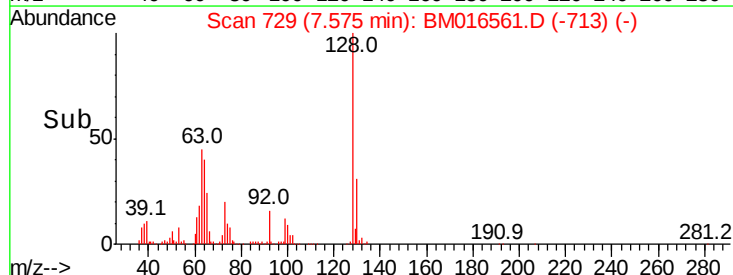
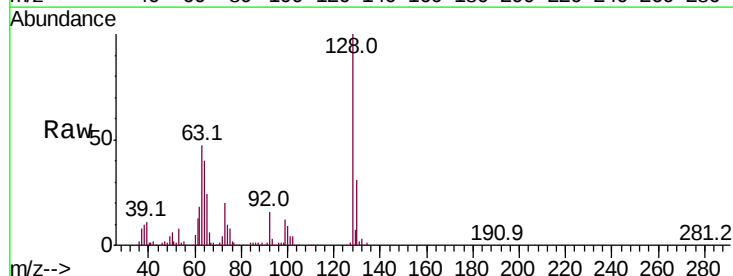
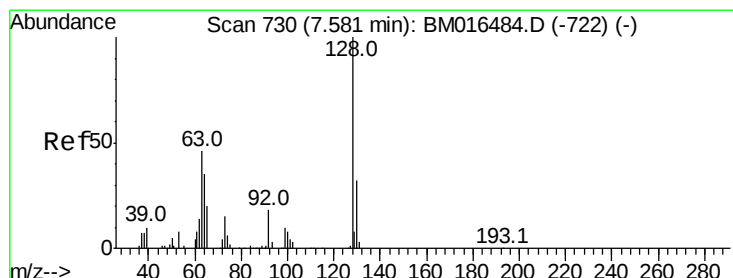
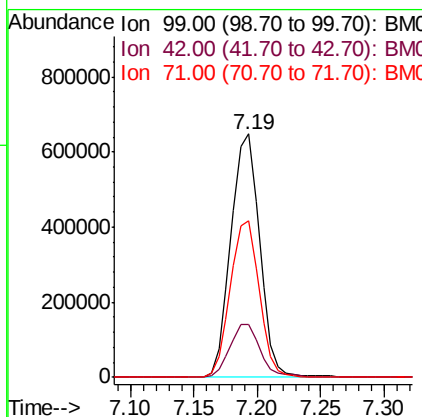
BNA_M

ClientSampled :

PB112325BS

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#8

2-Chlorophenol

Concen: 44.881 ng

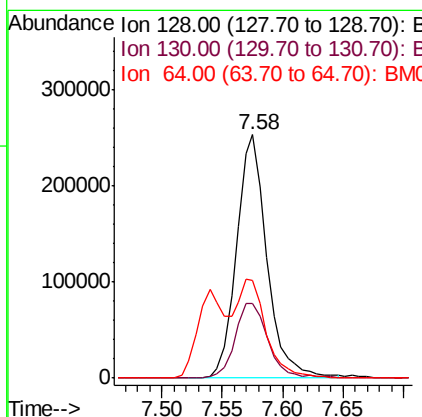
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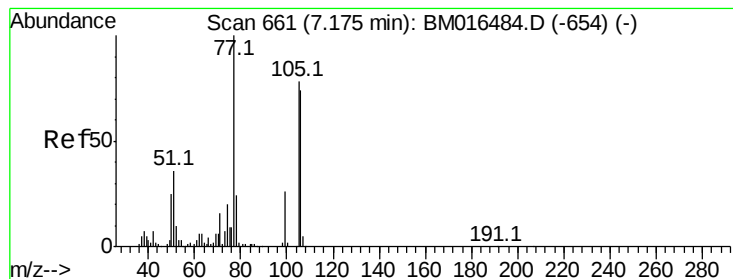
Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Tgt Ion	128	Resp	443202
Ion	Ratio	Lower	Upper
128	100		
130	30.9	12.0	52.0
64	39.9	24.9	64.9





#9

Benzaldehyde

Concen: 25.473 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

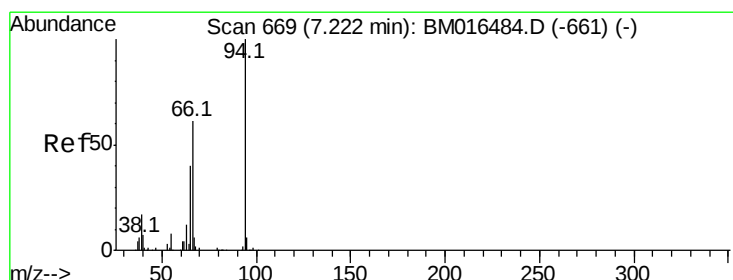
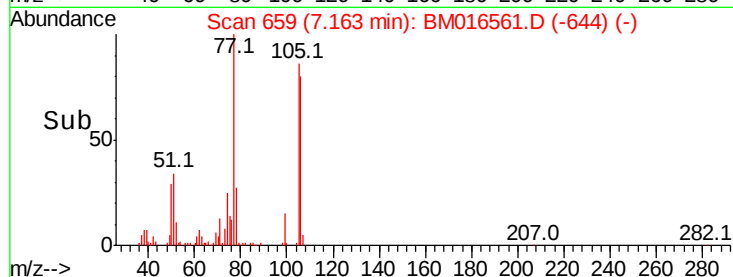
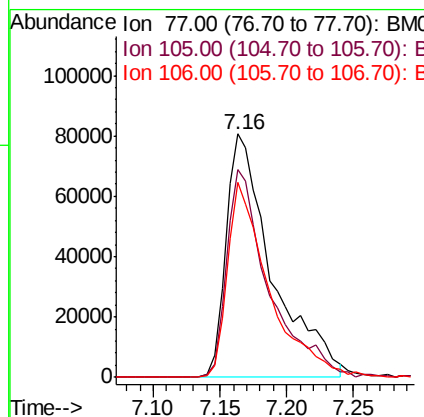
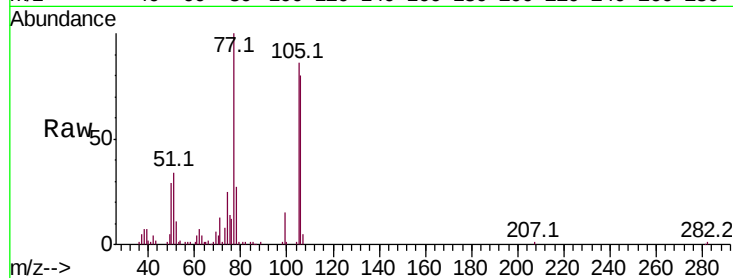
ClientSampleID :

PB112325BS

Tot Ion:	77	Resp:	194138
Ion	Ratio	Lower	Upper
77	100		
105	85.6	78.8	118.8
106	80.0	73.7	113.7

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#10

Phenol

Concen: 43.787 ng

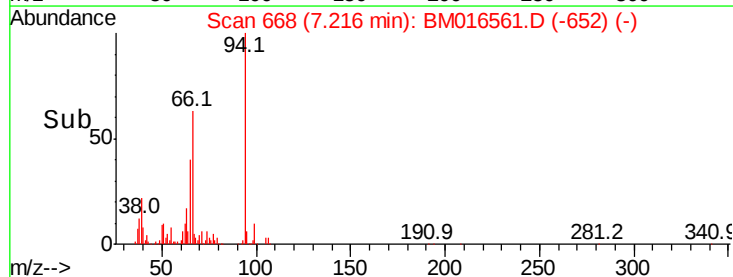
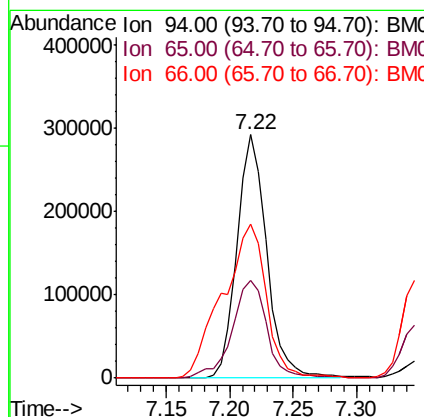
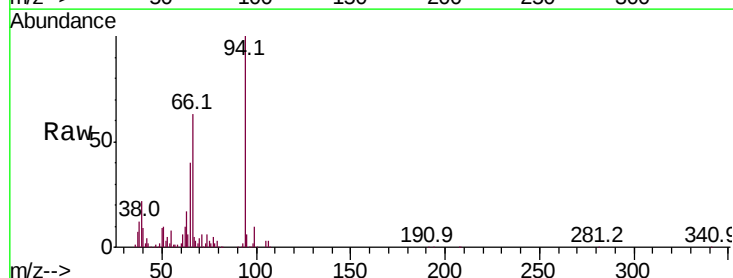
RT: 7.22 min Scan# 668

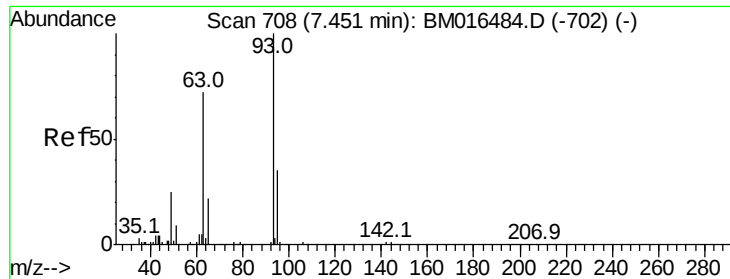
Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Tgt Ion:	94	Resp:	475551
Ion	Ratio	Lower	Upper
94	100		
65	40.0	18.8	58.8
66	63.2	39.9	79.9





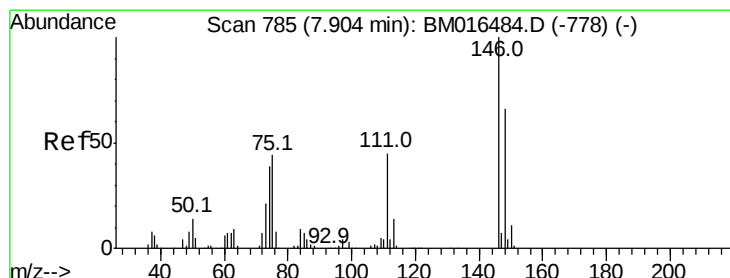
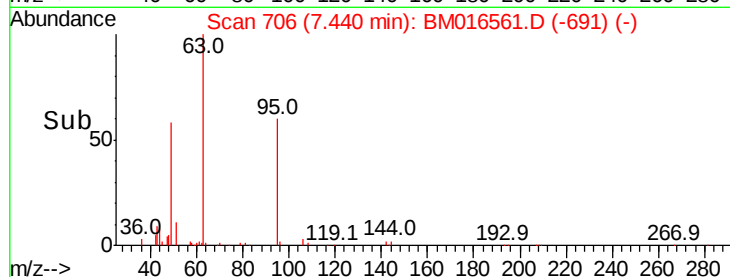
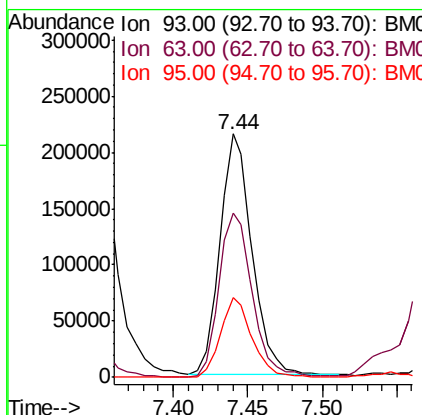
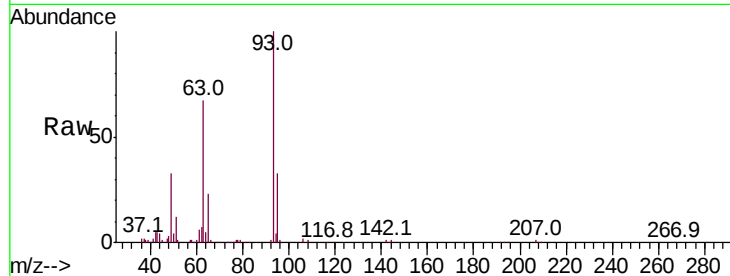
#11
bis(2-Chloroethyl)ether
Concen: 39.557 ng
RT: 7.44 min Scan# 706
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampled :
PB112325BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	322150		
63	67.3	49.5	89.5	
95	32.8	13.5	53.5	

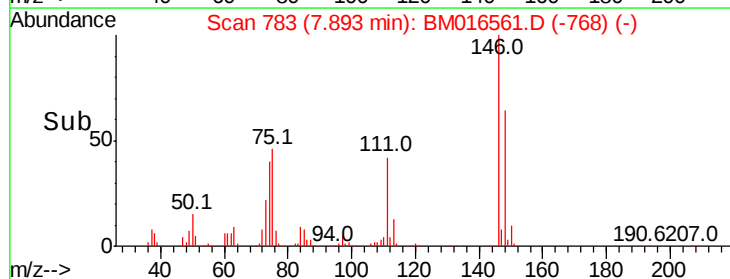
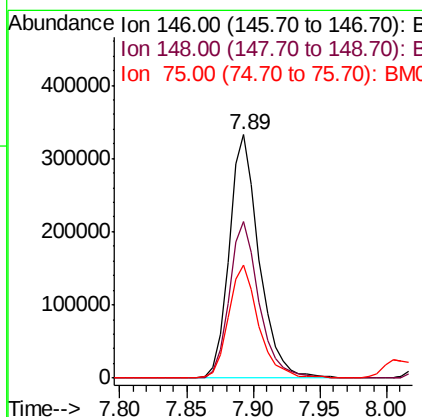
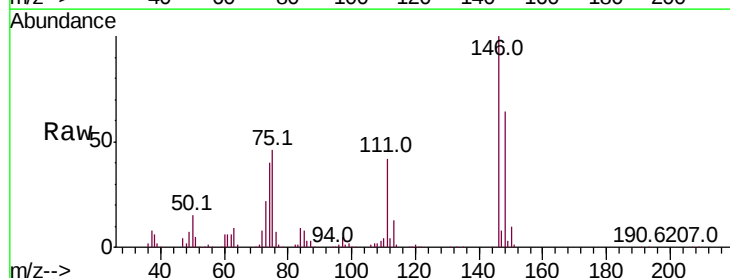
Manual Integrations
APPROVED

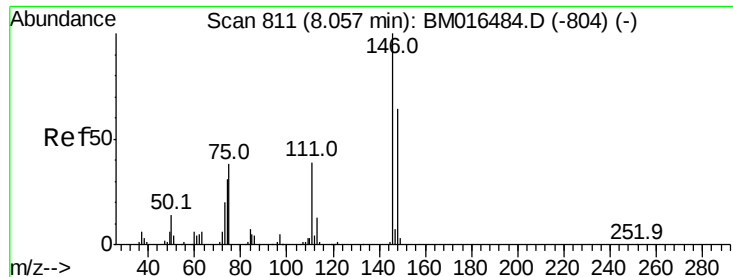
Sohil
8/24/2018 8:40:53 AM



#12
1,3-Dichlorobenzene
Concen: 39.666 ng
RT: 7.89 min Scan# 783
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	519332		
148	64.4	50.9	76.3	
75	46.3	21.4	32.2	





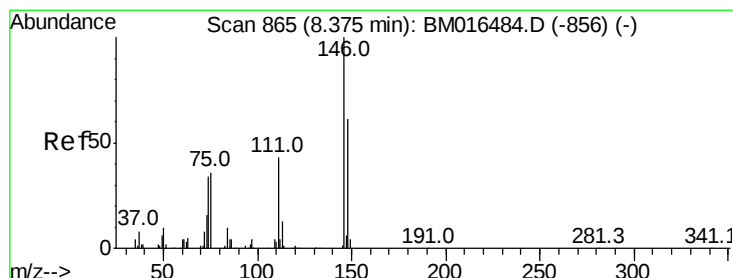
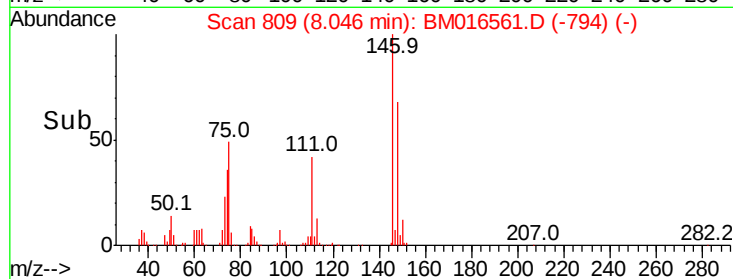
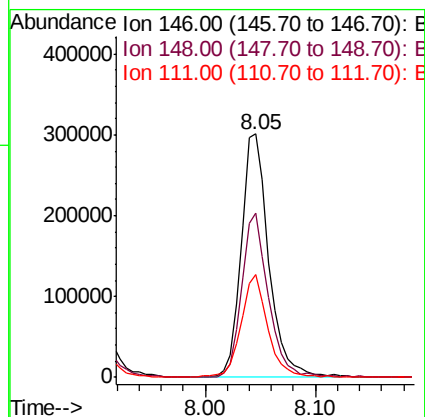
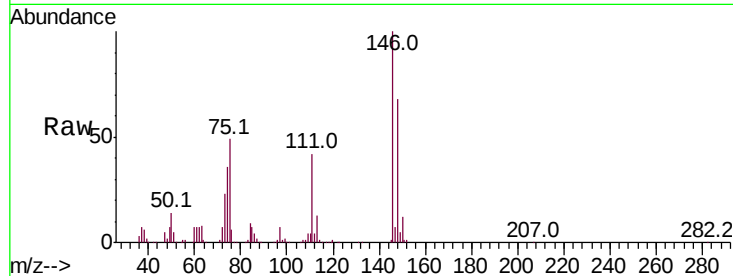
#13
 1,4-Dichlorobenzene
 Concen: 39.313 ng
 RT: 8.05 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.7	51.9	77.9
111	42.3	29.2	43.8

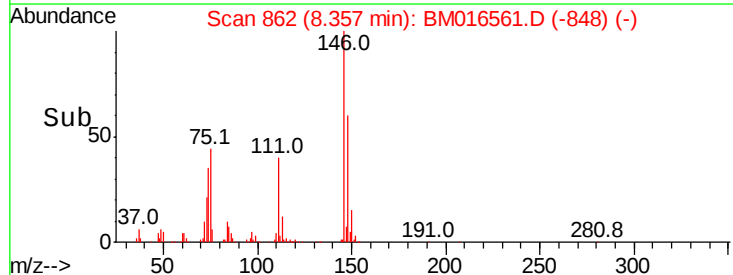
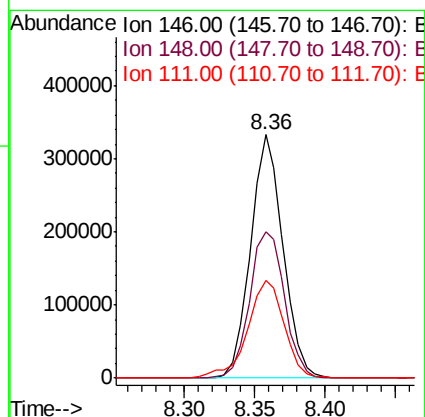
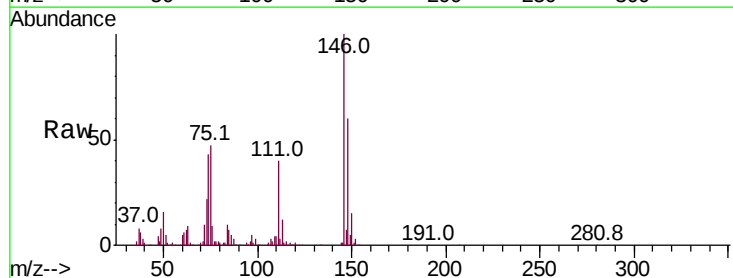
Manual Integrations
 APPROVED

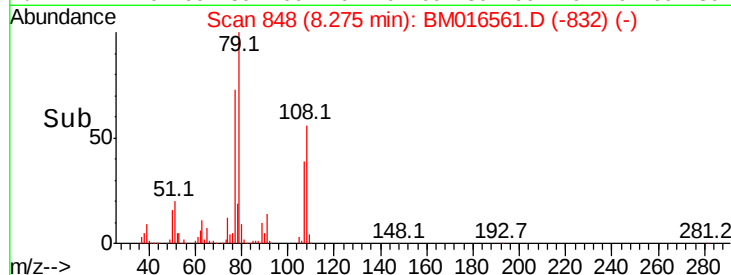
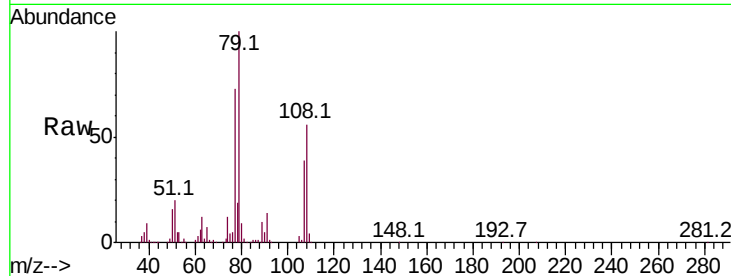
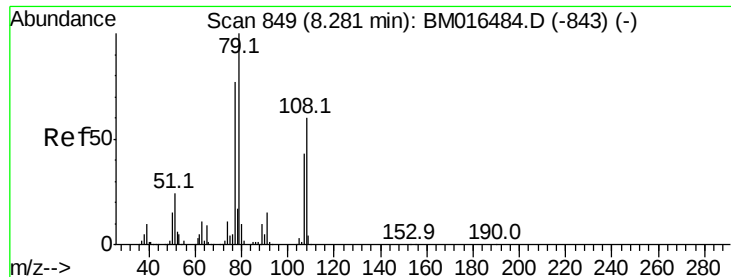
Sohil
 8/24/2018 8:40:53 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.560 ng
 RT: 8.36 min Scan# 862
 Delta R.T. -0.02 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.3	52.3	78.5
111	40.1	30.6	45.8





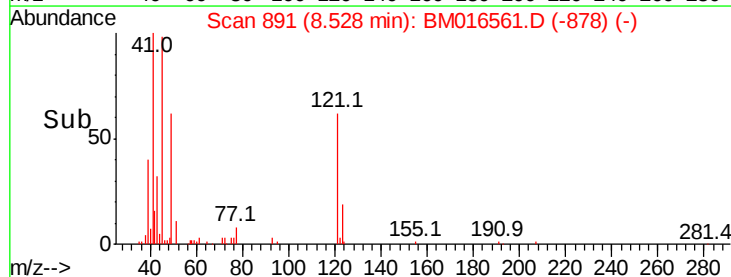
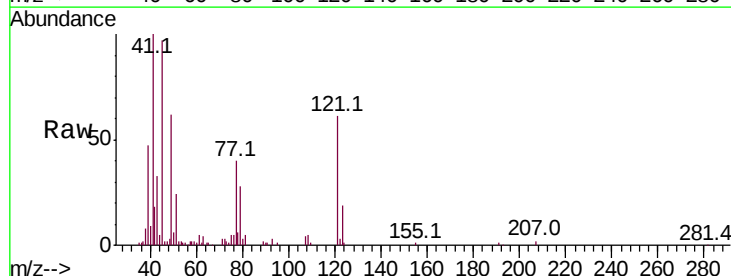
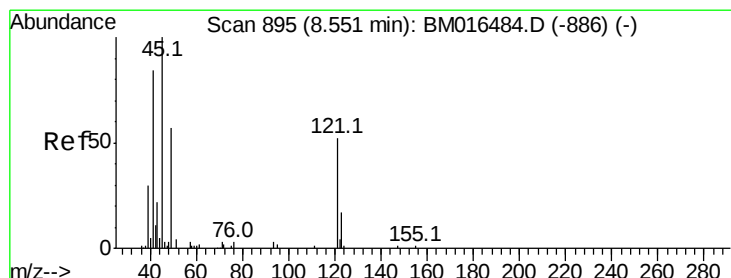
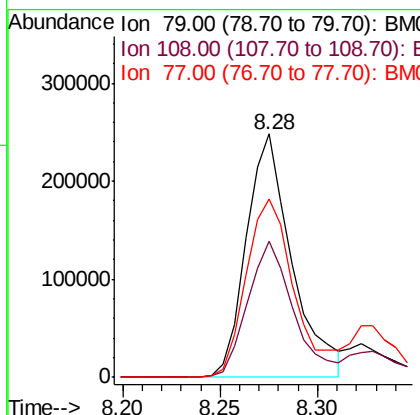
#15
Benzyl Alcohol
Concen: 39.413 ng
RT: 8.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tot Ion	Ratio	Lower	Upper
79	100		
108	56.1	65.0	97.4#
77	73.2	53.0	79.6

Instrument :
BNA_M
ClientSampleId :
PB112325BS

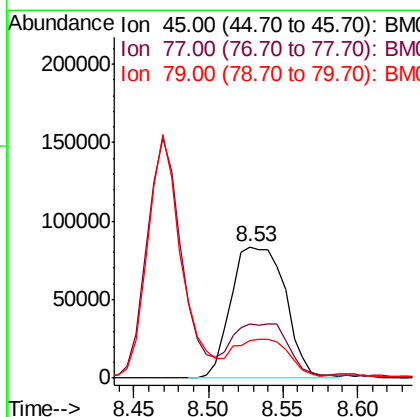
Manual Integrations
APPROVED

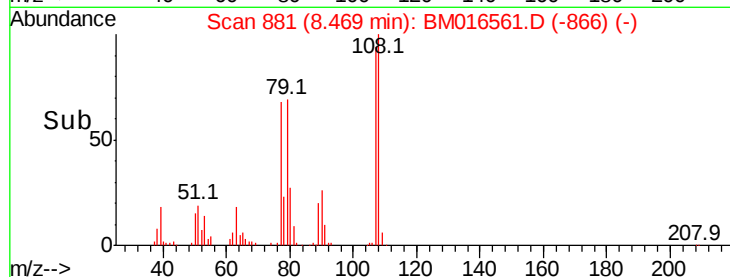
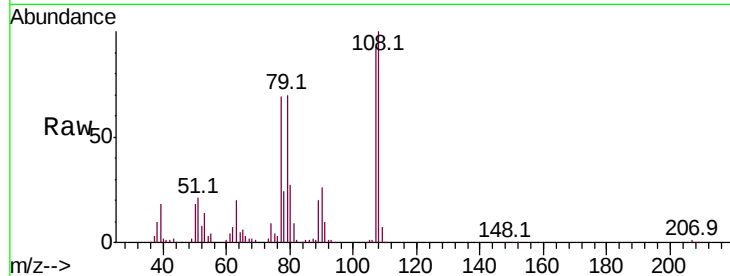
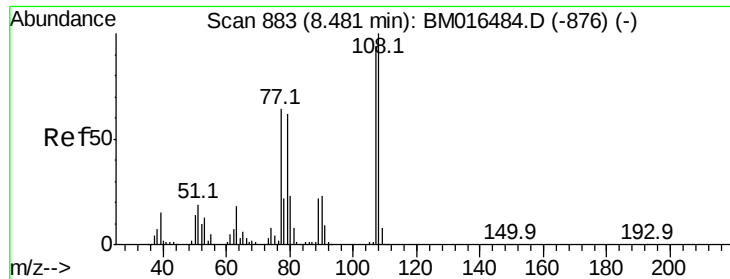
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.843 ng
RT: 8.53 min Scan# 891
Delta R.T. -0.02 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	41.6	0.0	35.2#
79	28.7	0.0	32.0





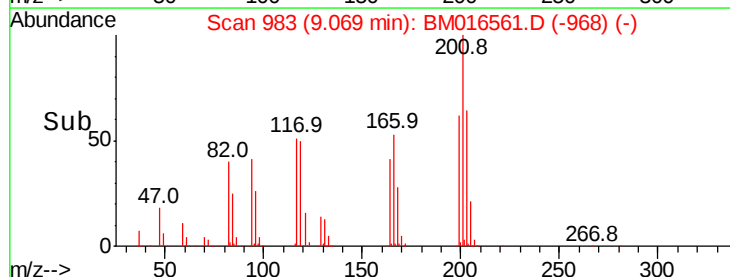
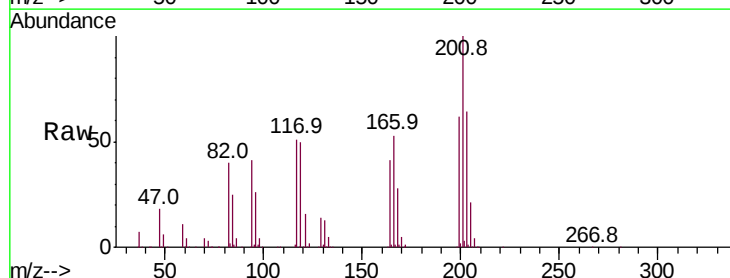
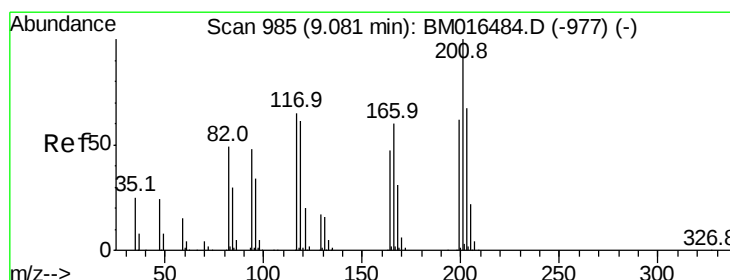
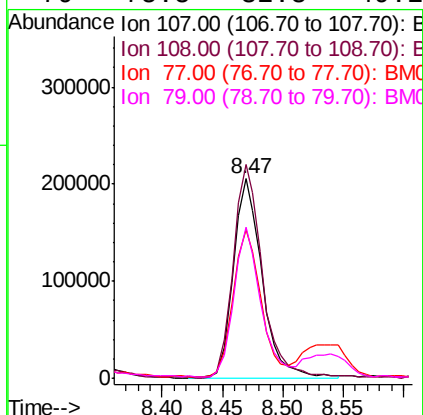
#17
2-Methylphenol
Concen: 43.433 ng
RT: 8.47 min Scan# 881
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.1	89.8	134.8	
77	74.4	32.6	48.8#	
79	75.5	32.8	49.2#	

Instrument :
BNA_M
ClientSampleId :
PB112325BS

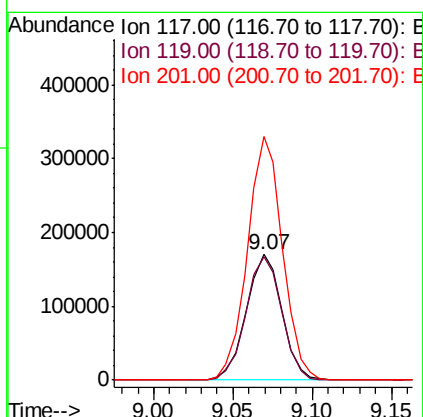
Manual Integrations
APPROVED

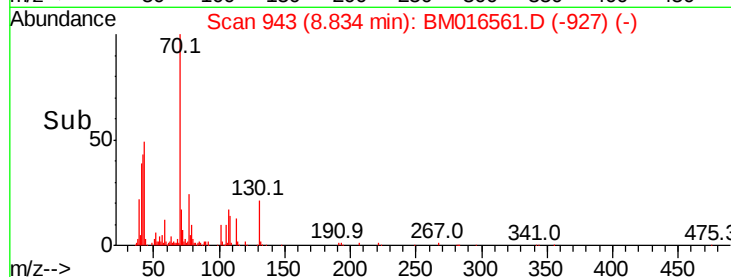
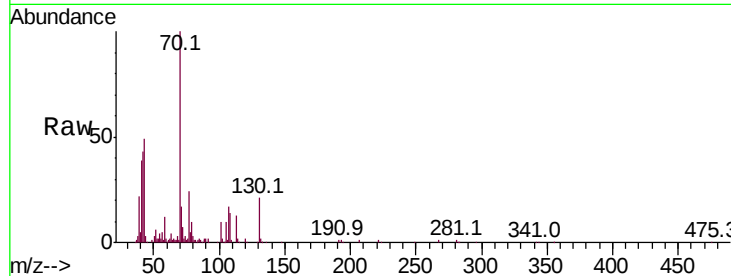
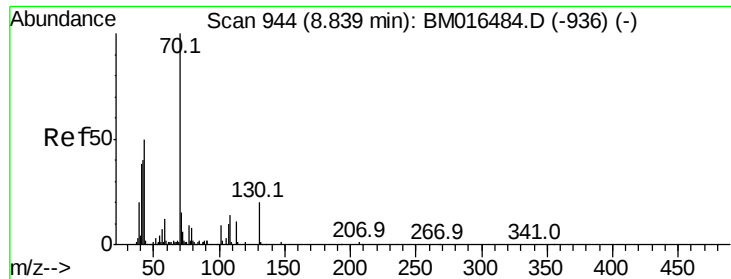
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#18
Hexachloroethane
Concen: 42.920 ng
RT: 9.07 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.1	79.2	118.8	
201	194.4	69.8	104.6#	





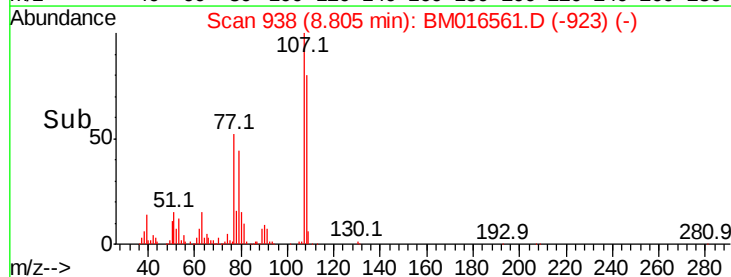
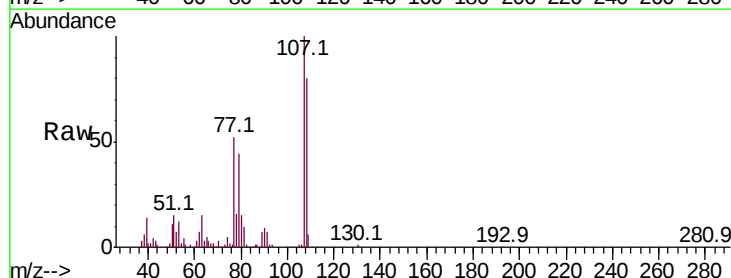
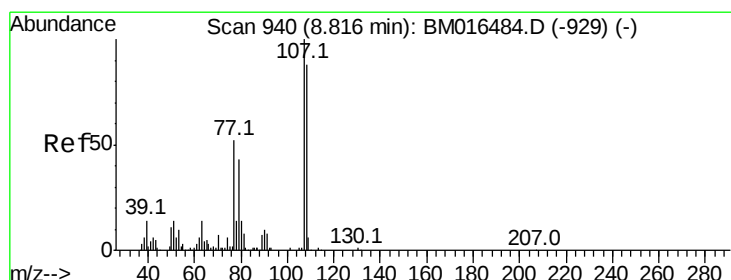
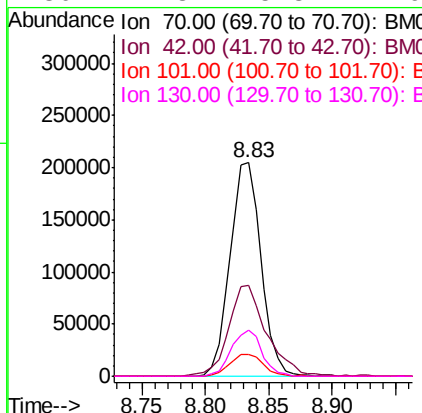
#19
n-Nitroso-di-n-propylamine
Concen: 40.238 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.7	44.5	66.7#
101	10.2	7.4	11.2
130	21.3	15.3	22.9

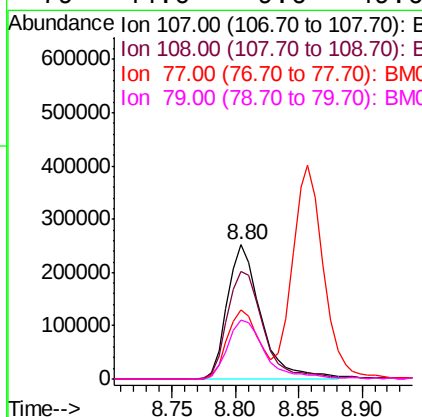
Manual Integrations
APPROVED

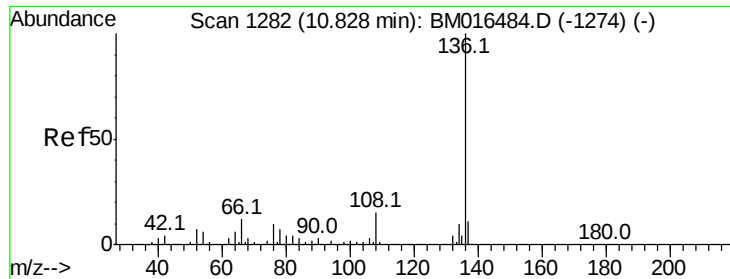
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#20
3+4-Methylphenols
Concen: 42.618 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	79.9	73.2	113.2
77	51.8	10.7	50.7#
79	44.0	9.6	49.6





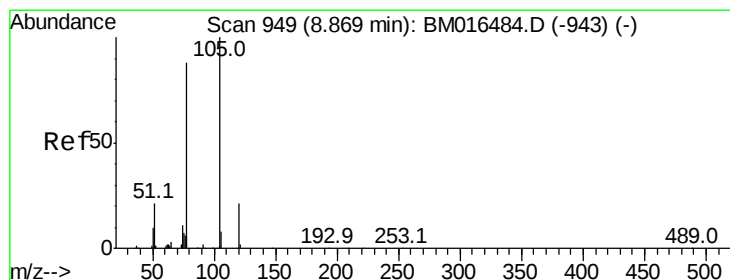
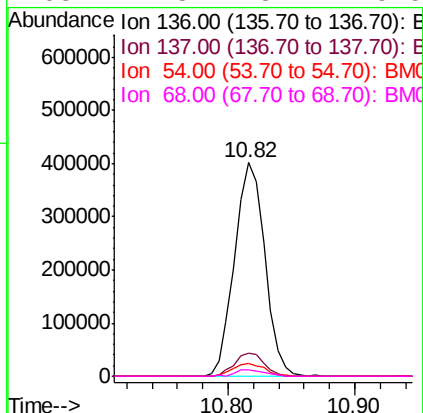
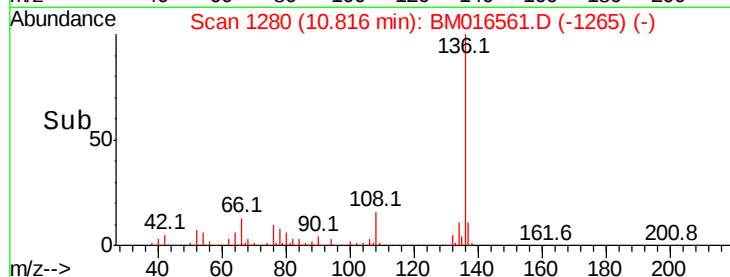
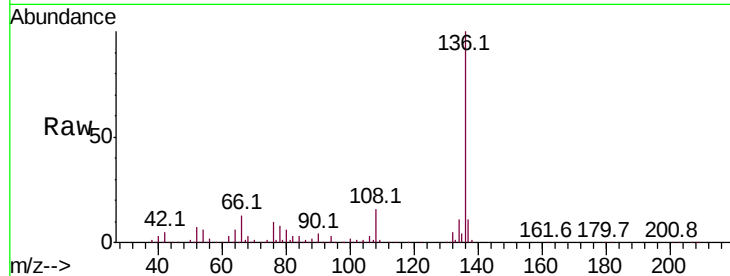
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	665814		
137	11.0	8.7	13.1	
54	6.0	4.6	6.8	
68	2.8	3.7	5.5	

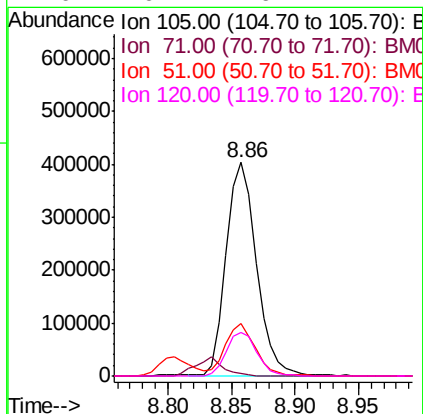
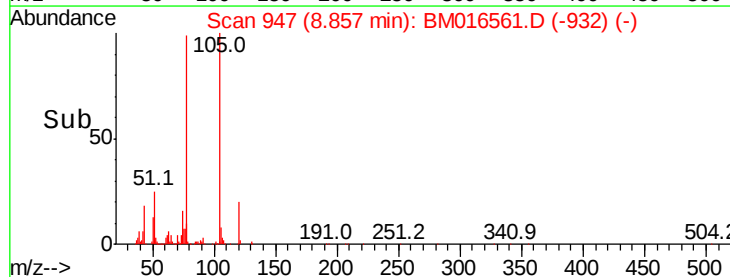
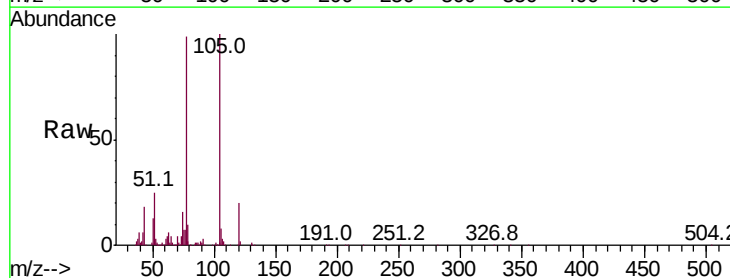
Manual Integrations
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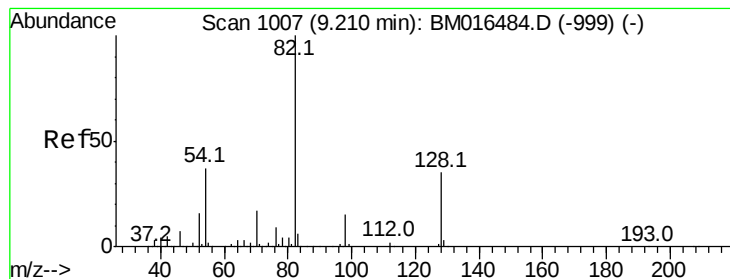
Sohil
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#22
Acetophenone
Concen: 41.592 ng
RT: 8.86 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	666831		
71	0.9	0.6	1.0	
51	24.6	21.6	32.4	
120	20.4	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 78.453 ng

RT: 9.20 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

ClientSampleId :

PB112325BS

Tot Ion: 82 Resp: 1144029

Ion Ratio Lower Upper

82 100

128 32.4 32.8 49.2#

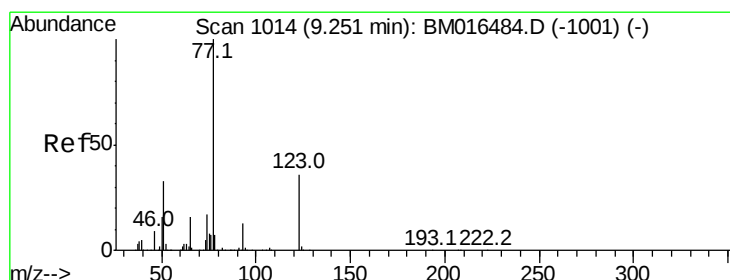
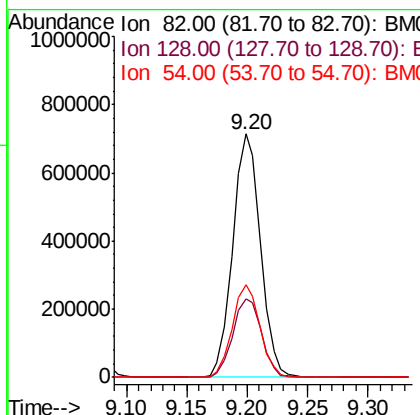
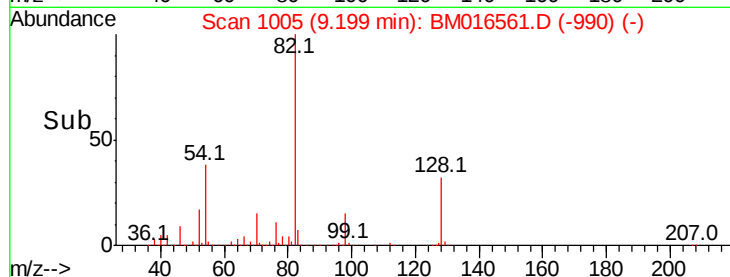
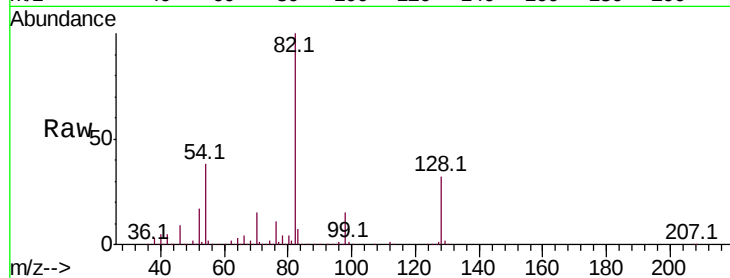
54 38.2 40.6 60.8#

Manual Integrations

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#24

Nitrobenzene

Concen: 40.133 ng

RT: 9.24 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

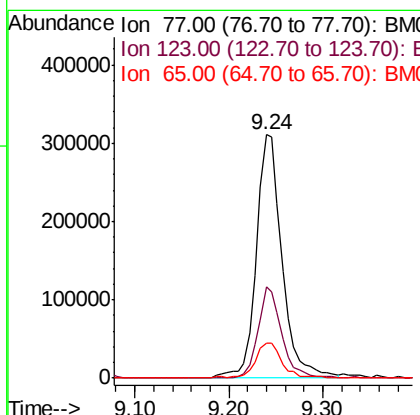
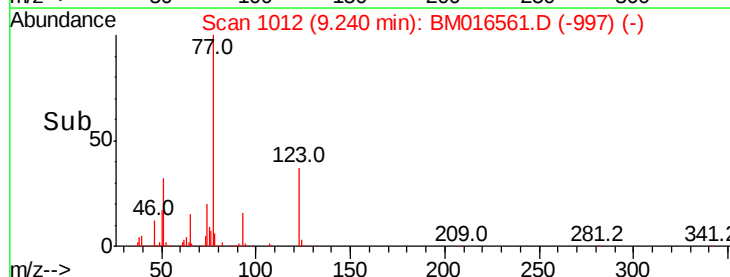
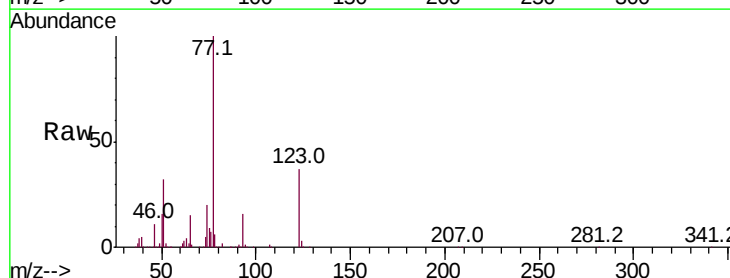
Tgt Ion: 77 Resp: 584738

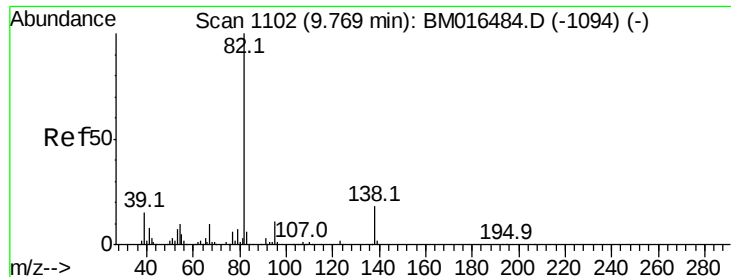
Ion Ratio Lower Upper

77 100

123 37.4 32.6 49.0

65 14.5 10.9 16.3





#25

Isophorone

Concen: 47.679 ng

RT: 9.76 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

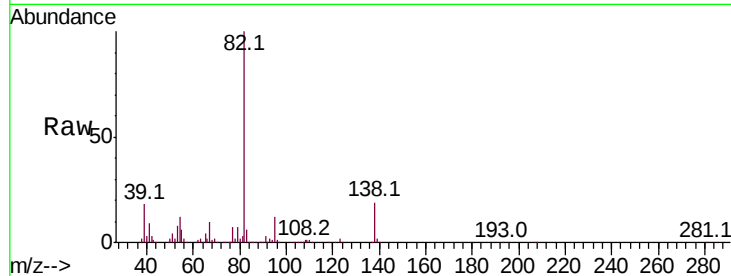
ClientSampleId :

PB112325BS

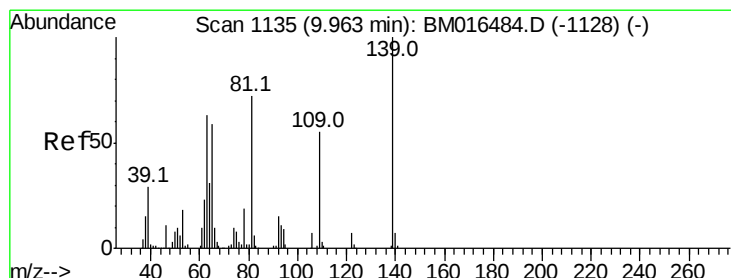
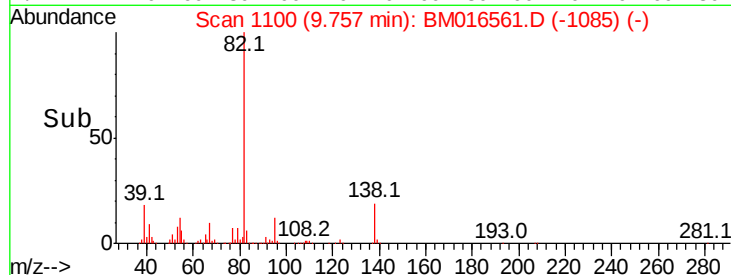
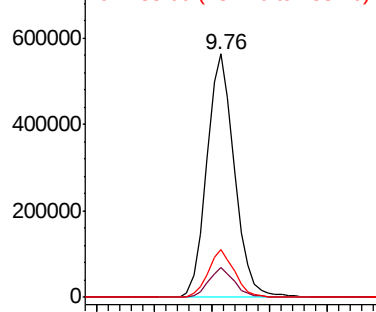
Tot Ion	82	Resp	929232
Ion Ratio	Lower	Upper	
82	100		
95	12.5	5.8	8.6#
138	19.5	16.3	24.5

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BM016561.D (-1085) (-)



#26

2-Nitrophenol

Concen: 42.200 ng

RT: 9.95 min Scan# 1132

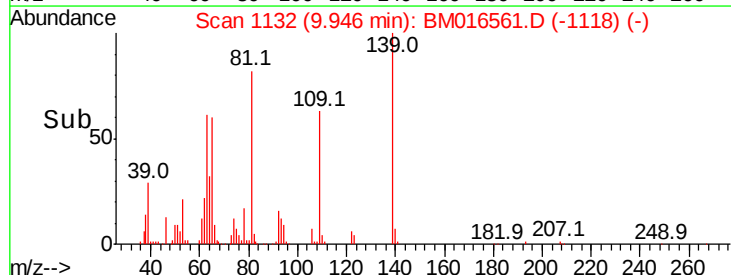
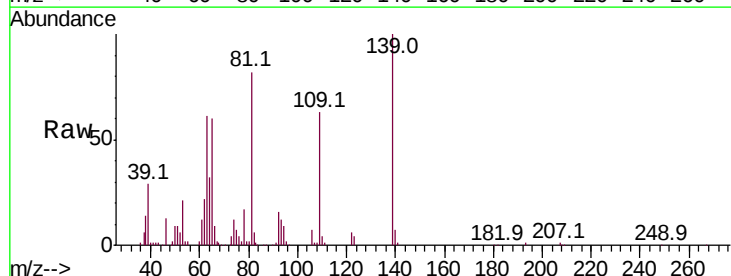
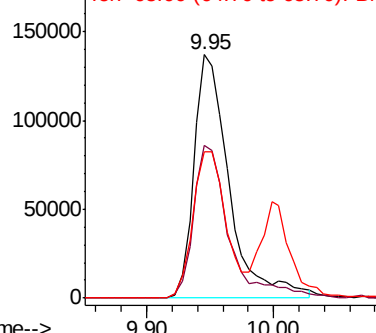
Delta R.T. -0.02 min

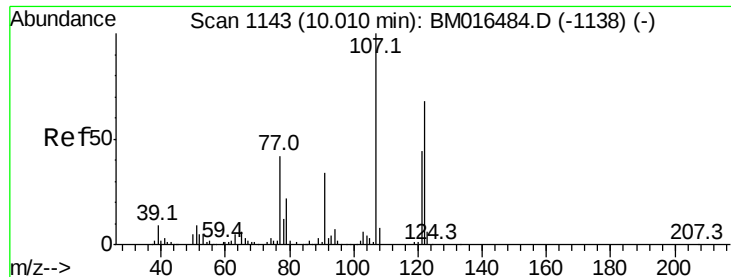
Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Tgt Ion	139	Resp	262856
Ion Ratio	Lower	Upper	
139	100		
109	62.6	20.1	30.1#
65	60.0	31.5	47.3#

Abundance Ion 139.00 (138.70 to 139.70): BM016561.D (-1118) (-)





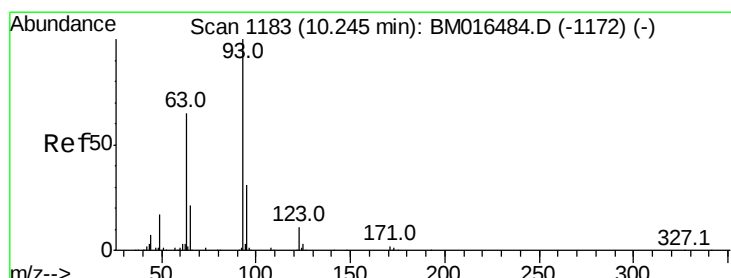
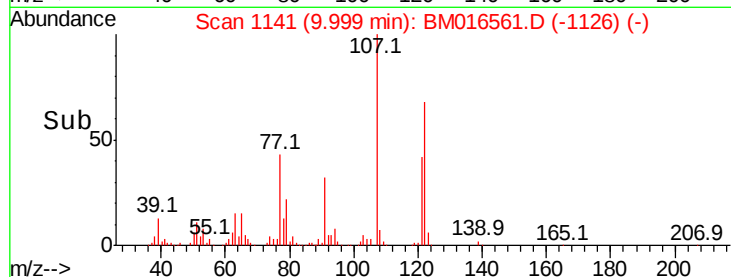
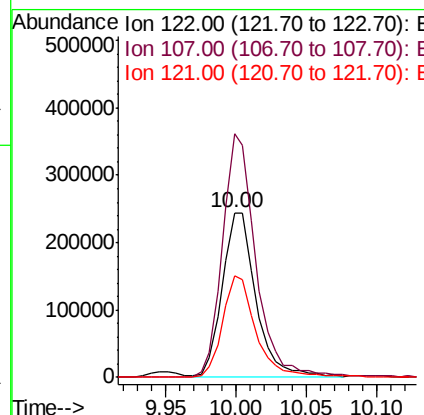
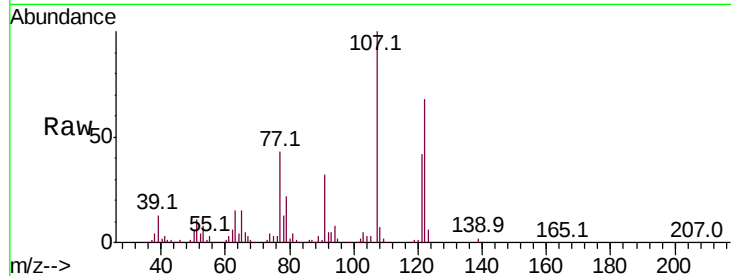
#27
 2,4-Dimethylphenol
 Concen: 49.429 ng
 RT: 10.00 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampled :
 PB112325BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	148.1	84.7	127.1#
121	61.9	46.6	69.8

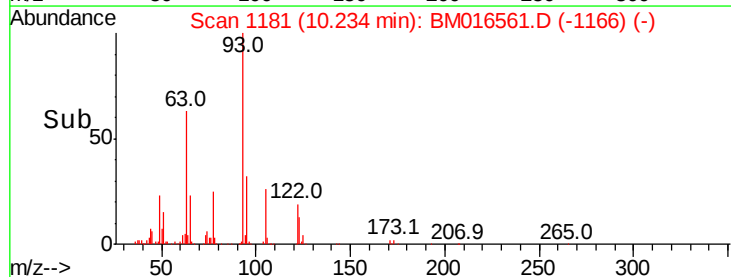
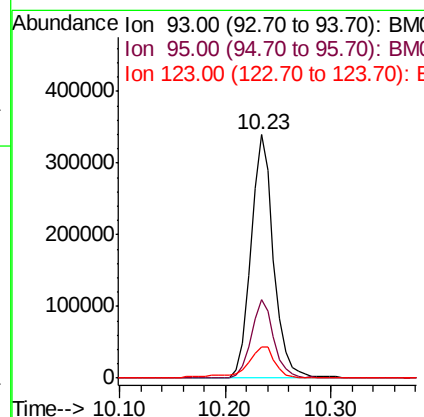
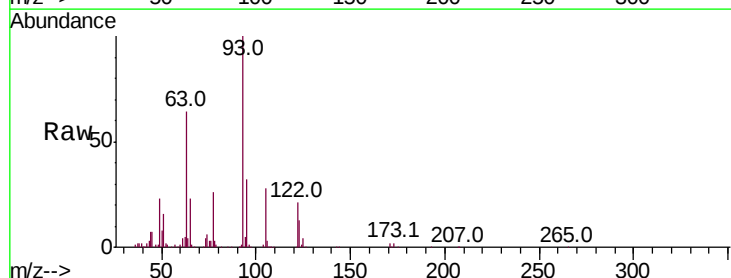
Manual Integrations
 APPROVED

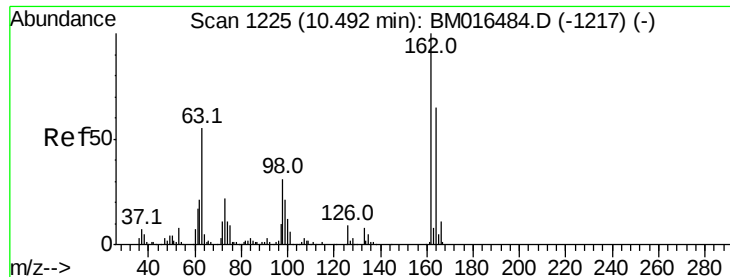
Sohil
 8/24/2018 8:40:53 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.383 ng
 RT: 10.23 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.5	38.3
123	12.7	8.6	13.0





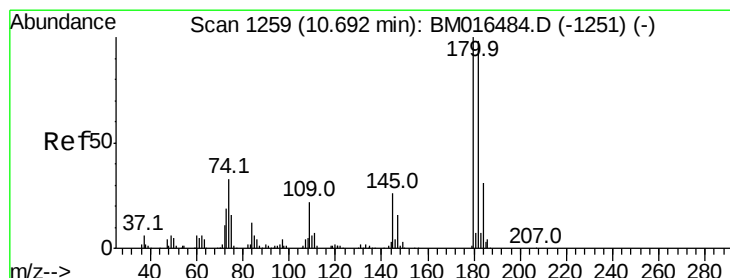
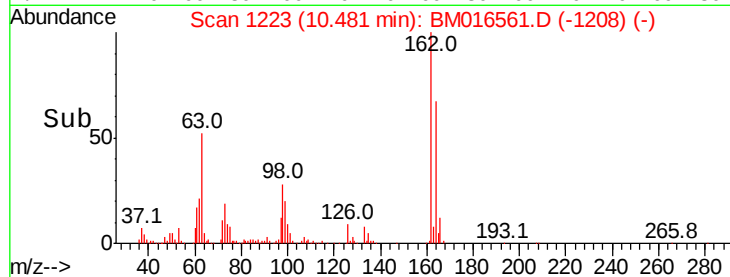
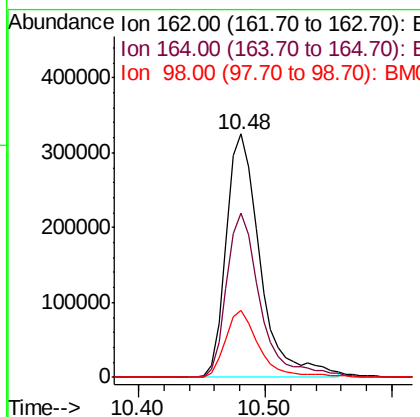
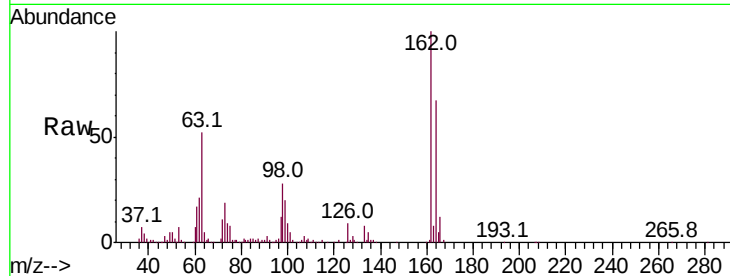
#29
2,4-Dichlorophenol
Concen: 49.736 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	604224		
164	67.5	42.8	82.8	
98	27.5	14.5	54.5	

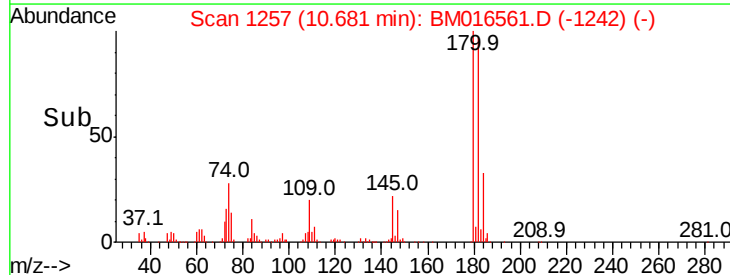
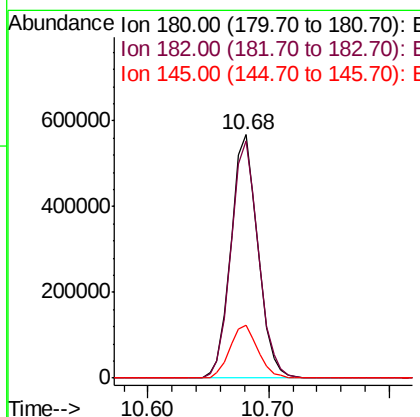
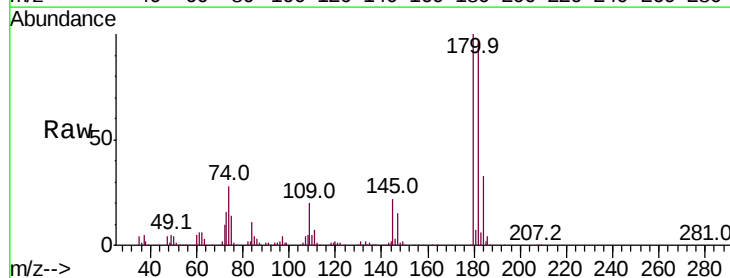
Manual Integrations
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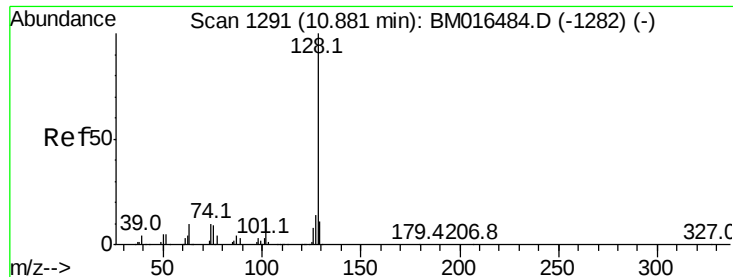
Sohil
8/24/2018 8:40:53 AM



#30
1,2,4-Trichlorobenzene
Concen: 48.247 ng
RT: 10.68 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	889405		
182	97.2	77.6	116.4	
145	21.9	23.4	35.2	





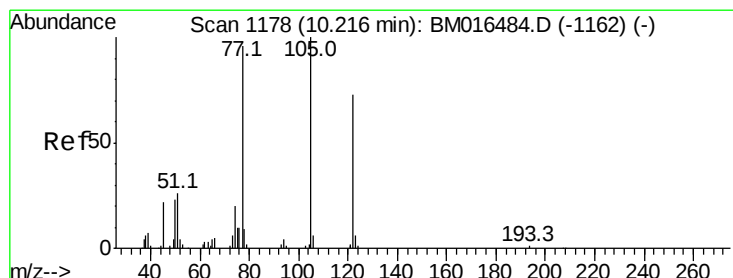
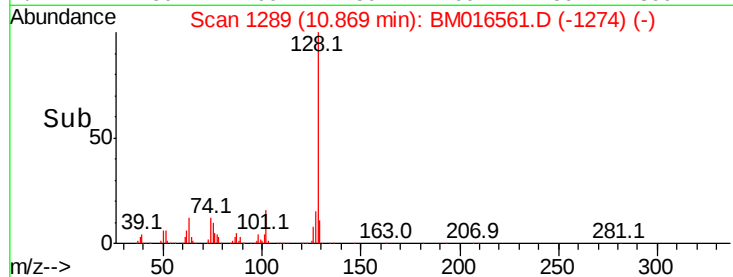
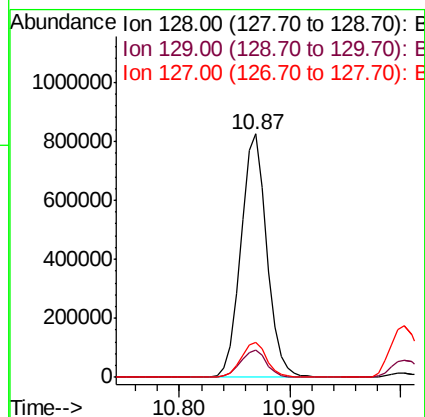
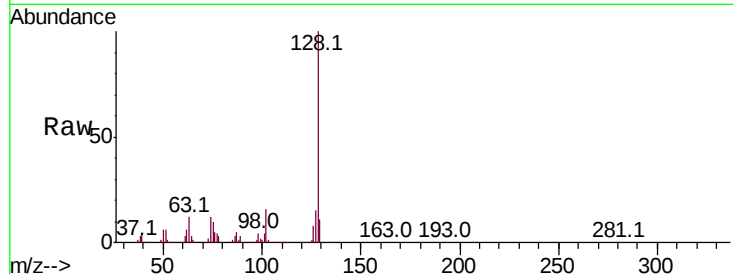
#31
Naphthalene
Concen: 43.013 ng
RT: 10.87 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	14.5	10.4	15.6

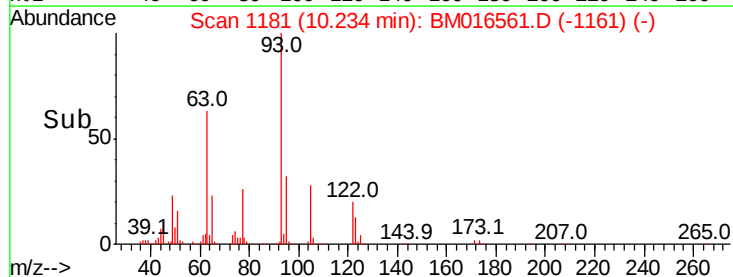
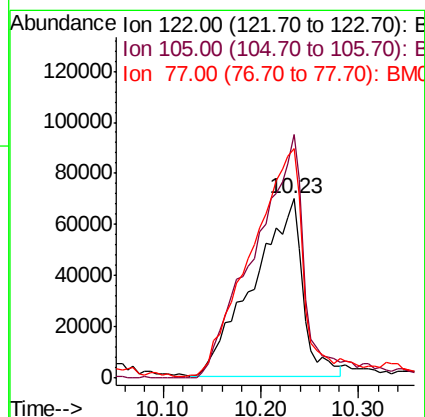
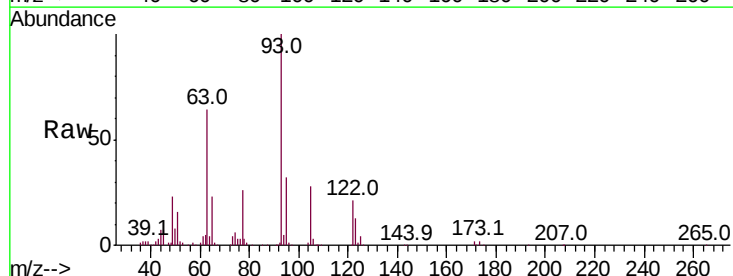
Manual Integrations
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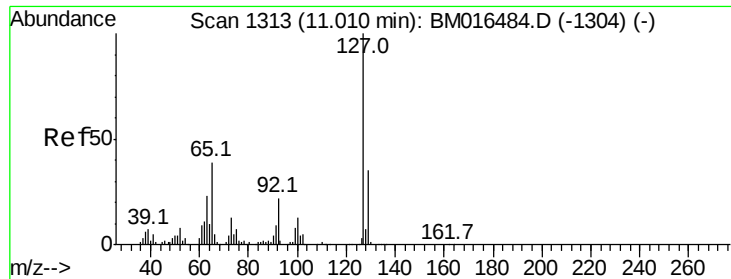
Sohil
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#32
Benzoic acid
Concen: 36.171 ng
RT: 10.23 min Scan# 1181
Delta R.T. 0.02 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.0	99.9	139.9
77	128.1	73.7	113.7#





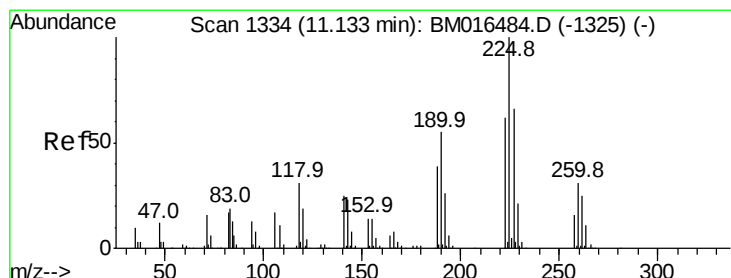
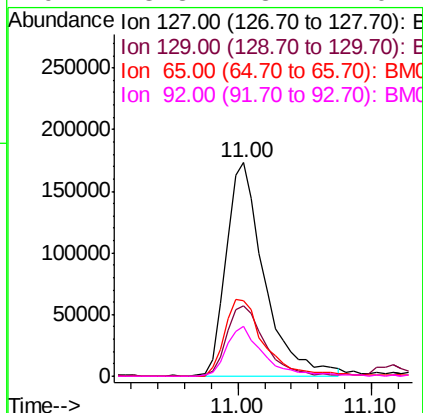
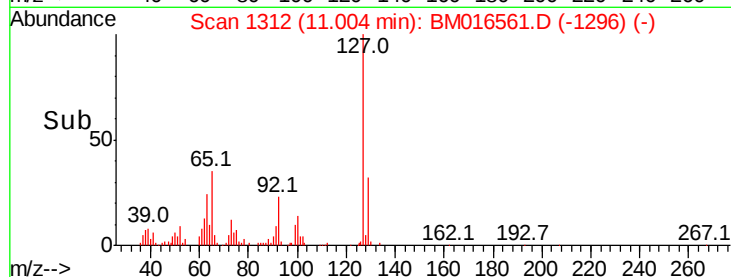
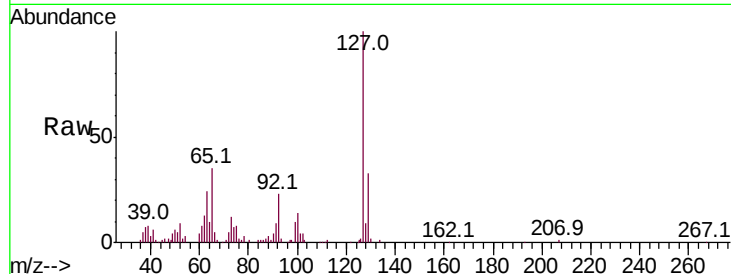
#33
4-Chloroaniline
Concen: 25.848 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.3	37.9
65	35.2	17.6	26.4
92	23.3	13.1	19.7

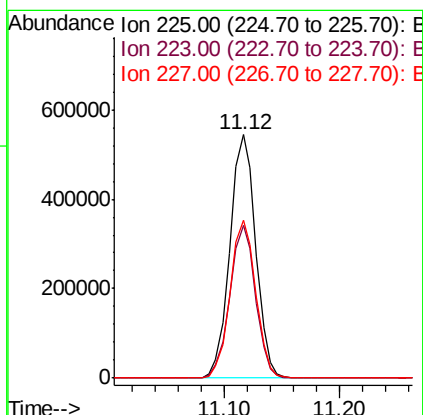
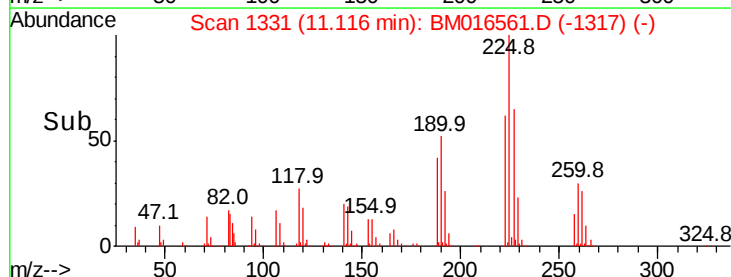
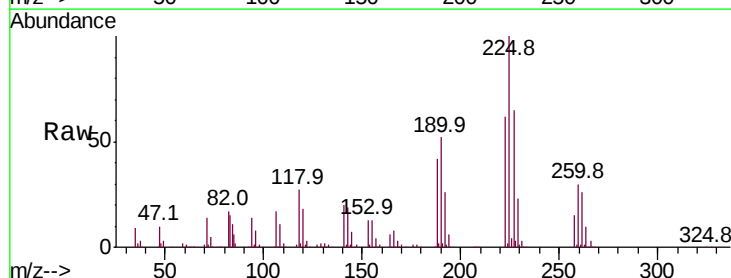
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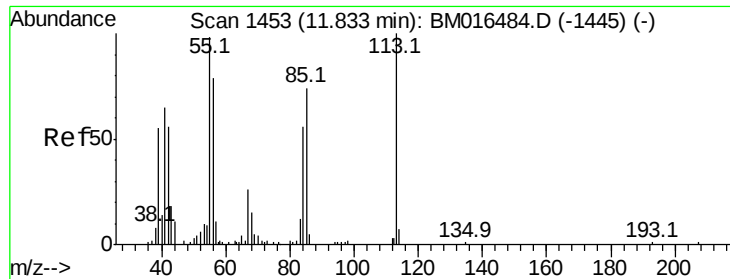
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#34
Hexachlorobutadiene
Concen: 47.735 ng
RT: 11.12 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	47.9	71.9
227	65.1	50.1	75.1





#35

Caprolactam

Concen: 35.015 ng/ml

RT: 11.83 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

ClientSampleId :

PB112325BS

Tot Ion:113 Resp: 102072

Ion Ratio Lower Upper

113 100

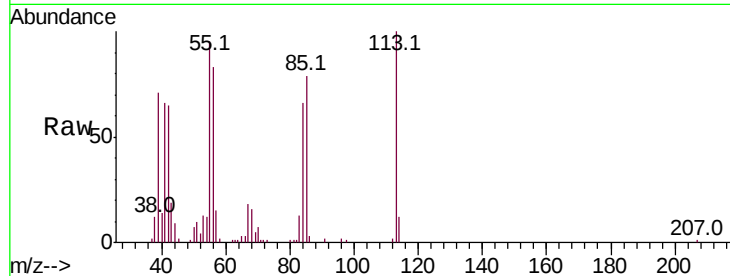
55 94.8 145.9 185.9#

56 82.9 101.0 141.0#

Manual Integrations
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Sohil

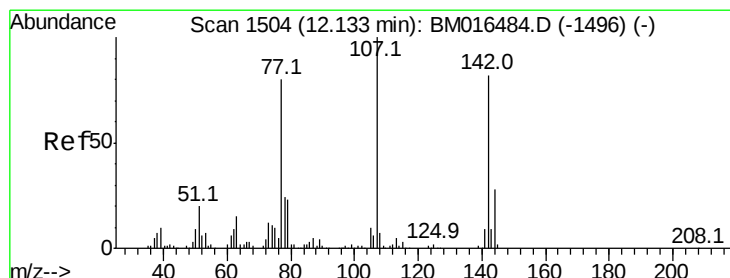
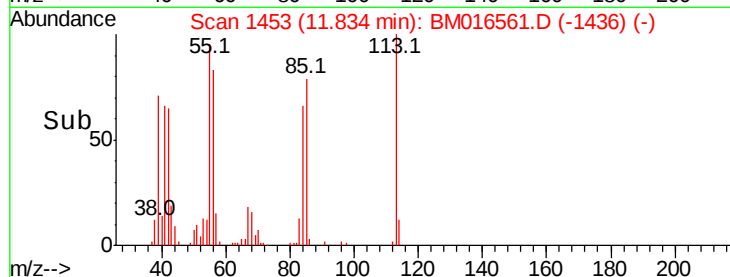
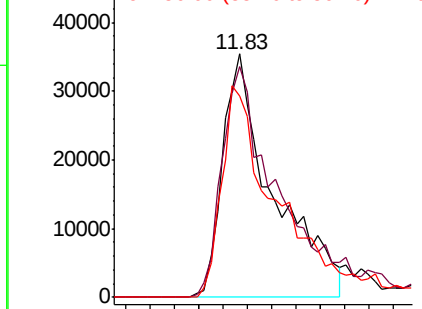
8/24/2018 8:40:53 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.318 ng/ml

RT: 12.13 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

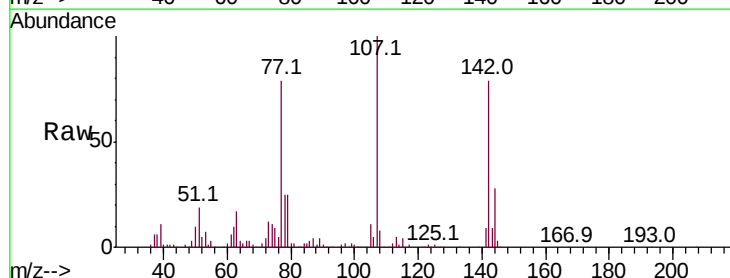
Tgt Ion:107 Resp: 482562

Ion Ratio Lower Upper

107 100

144 27.7 23.3 34.9

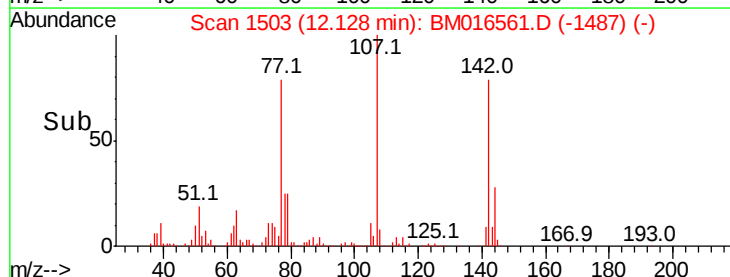
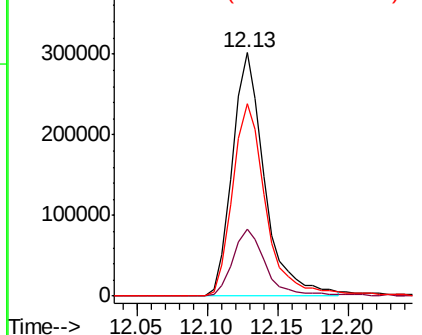
142 79.1 72.6 109.0

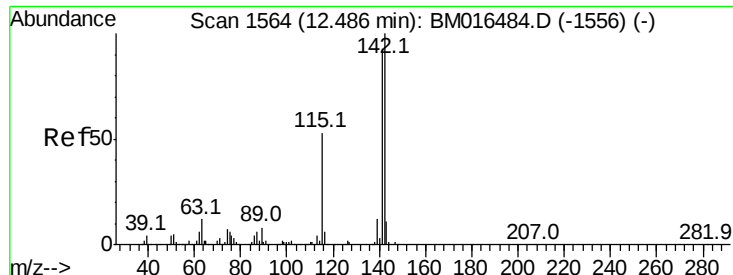


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





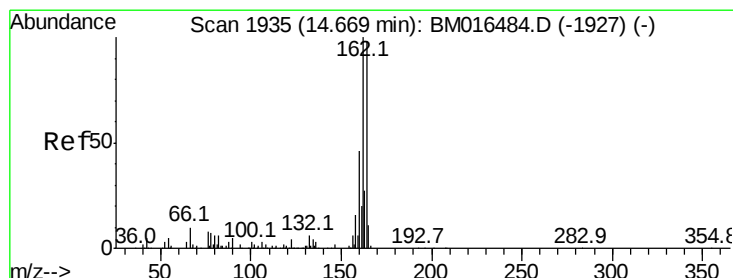
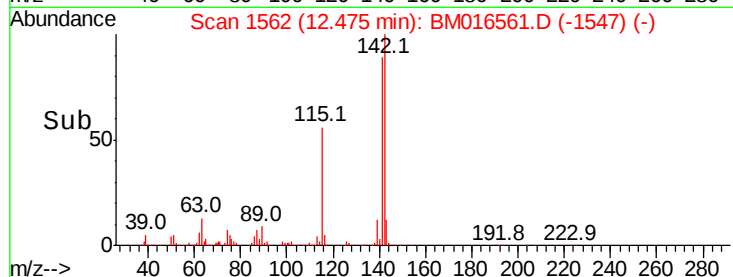
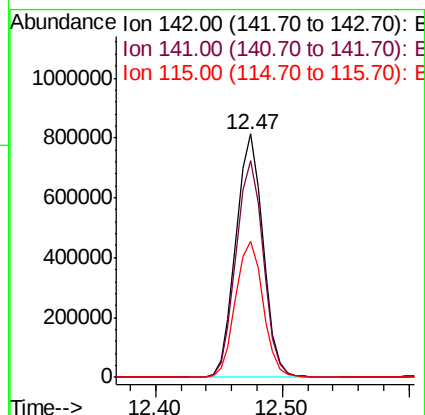
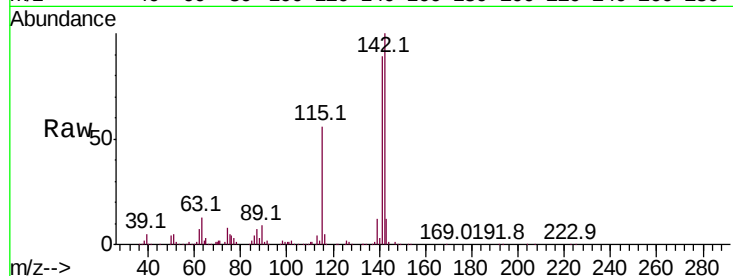
#37
2-Methylnaphthalene
Concen: 48.726 ng
RT: 12.47 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampled :
PB112325BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9
115	55.9	25.4	38.0

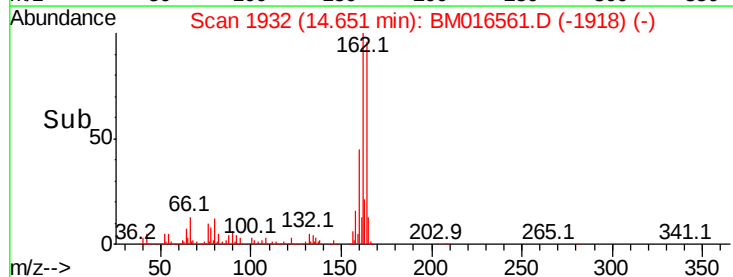
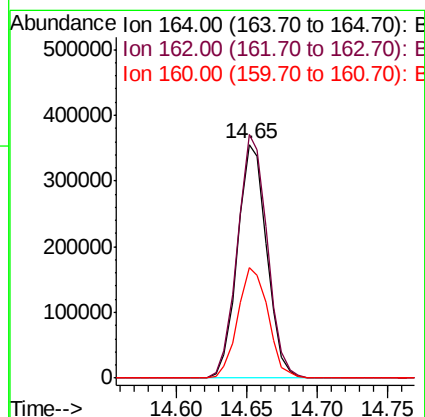
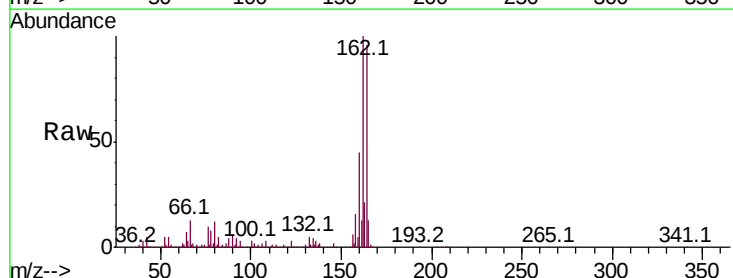
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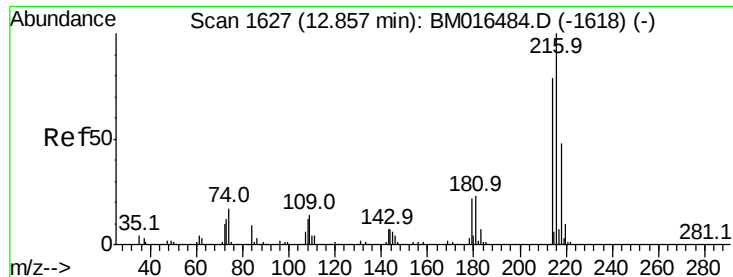
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1932
Delta R.T. -0.02 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.4	123.6
160	47.2	35.8	53.6





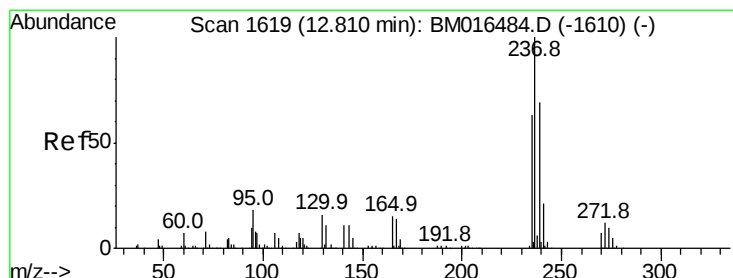
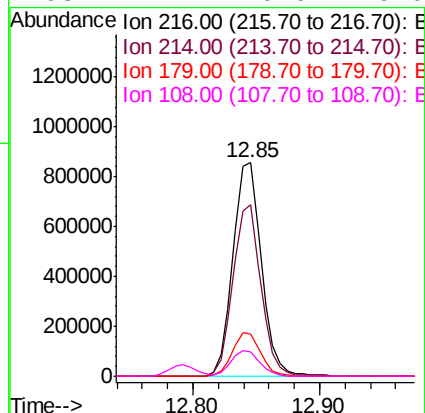
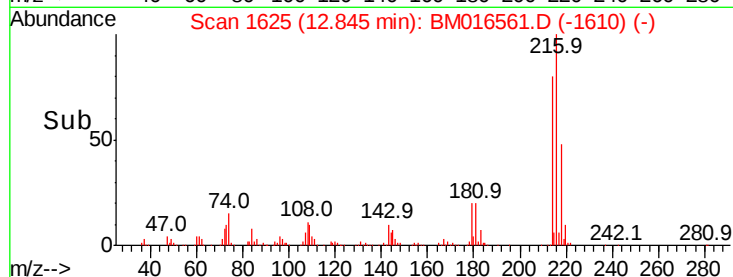
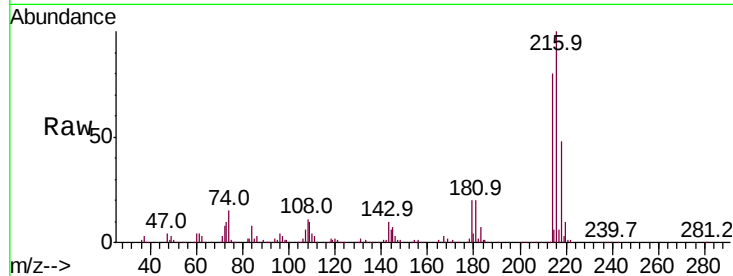
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.605 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BS

Tot Ion	Ratio	Lower	Upper
216	100		
214	78.7	0.0	0.0#
179	20.3	0.0	0.0#
108	12.1	0.0	0.0#

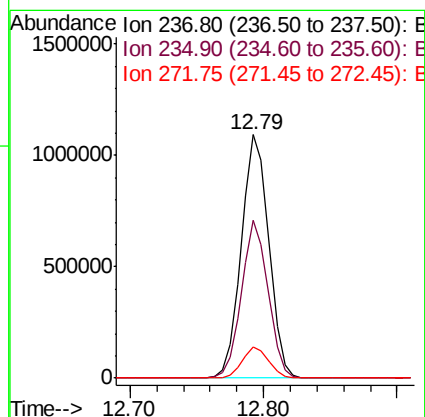
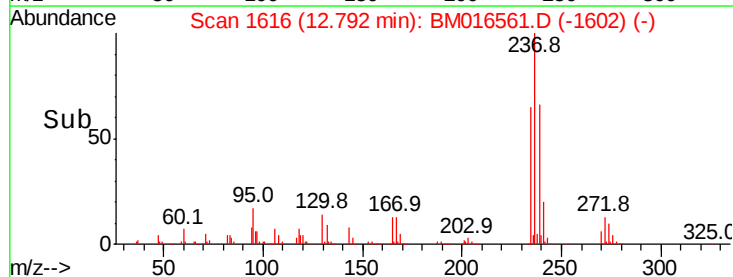
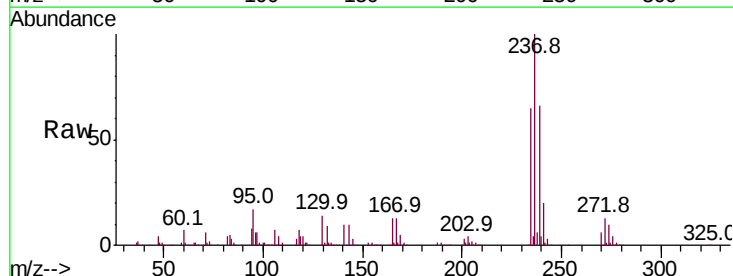
Manual Integrations
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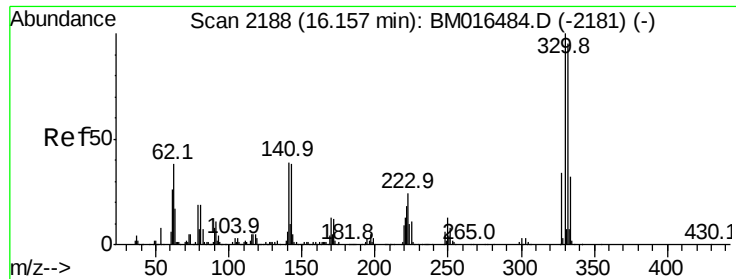
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#40
 Hexachlorocyclopentadiene
 Concen: 104.700 ng
 RT: 12.79 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.0	42.0	82.0
272	12.6	0.0	33.4





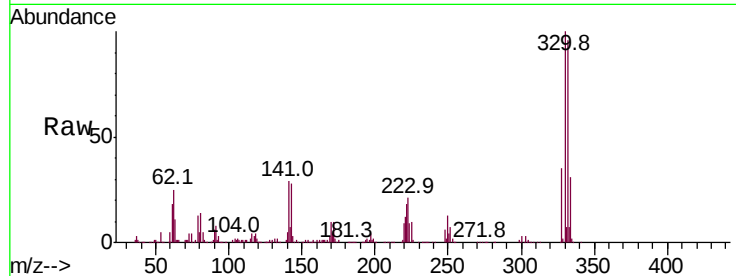
#41
 2,4,6-Tribromophenol
 Concen: 95.588 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BS

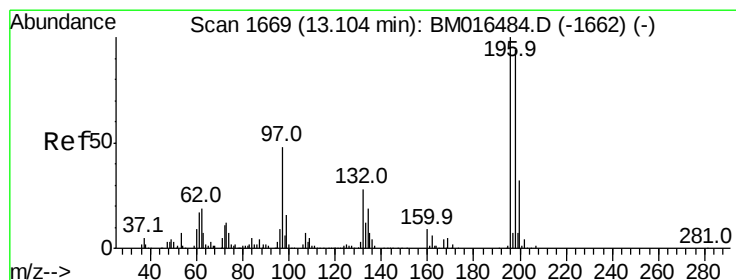
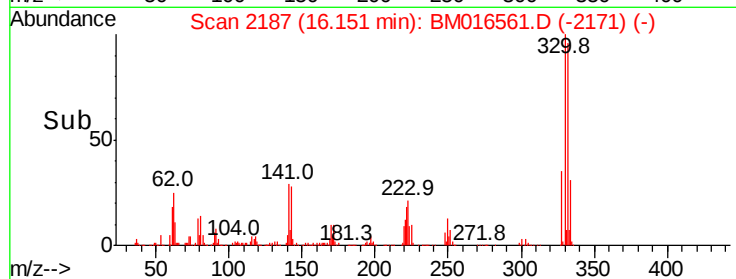
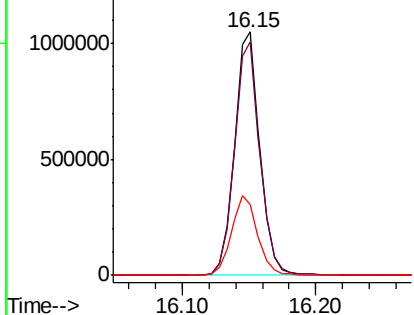
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	0.0	0.0	0.0
141	33.7	0.0	0.0	0.0

Manual Integrations
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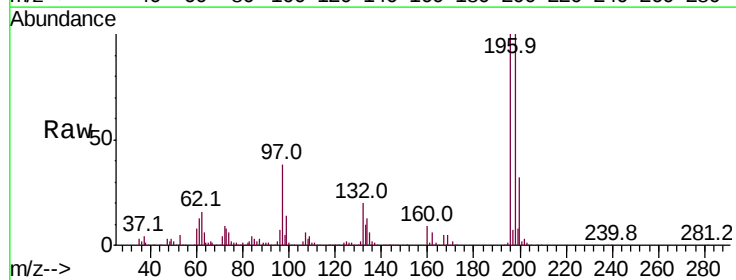


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

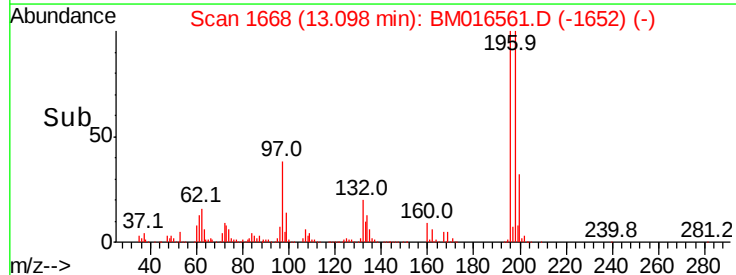
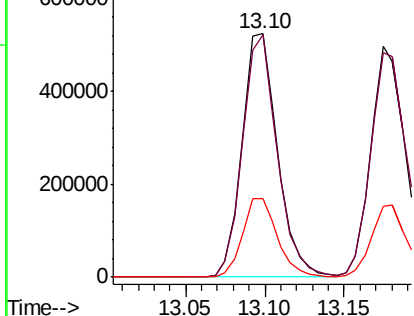


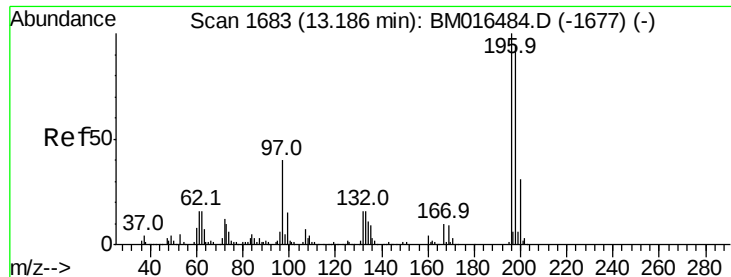
#42
 2,4,6-Trichlorophenol
 Concen: 46.841 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.7	76.3	114.5	
200	32.2	25.6	38.4	



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





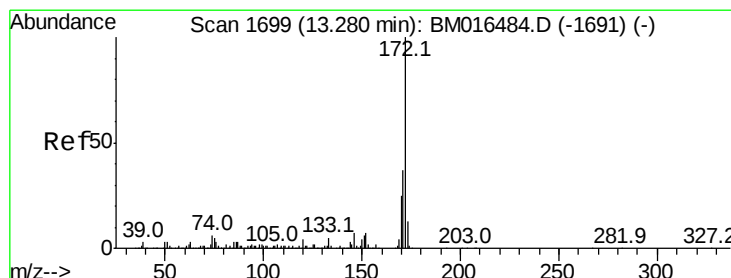
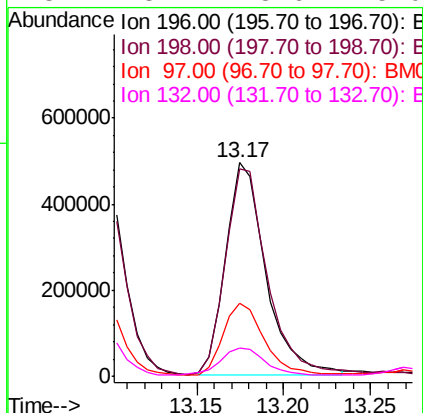
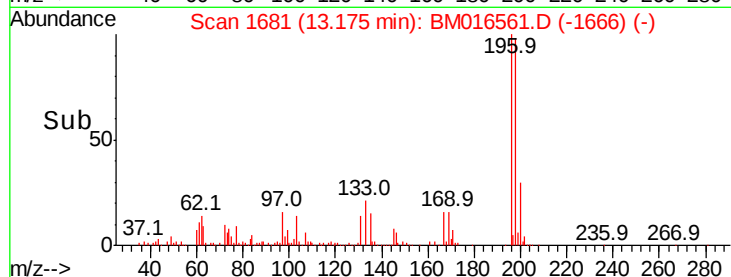
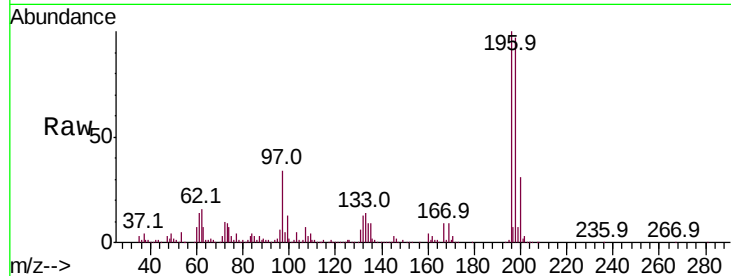
#43
 2,4,5-Trichlorophenol
 Concen: 46.524 ng/mL
 RT: 13.17 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleID :
 PB112325BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	789784		
198	97.3	79.4	119.0	
97	33.9	26.8	40.2	
132	13.2	18.6	28.0	

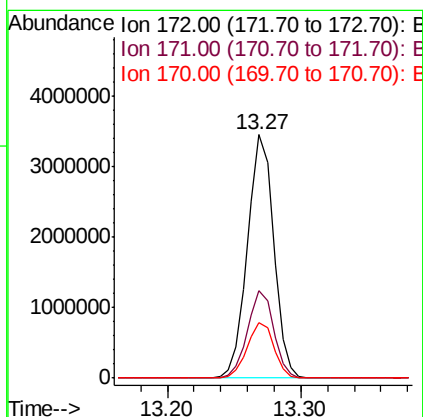
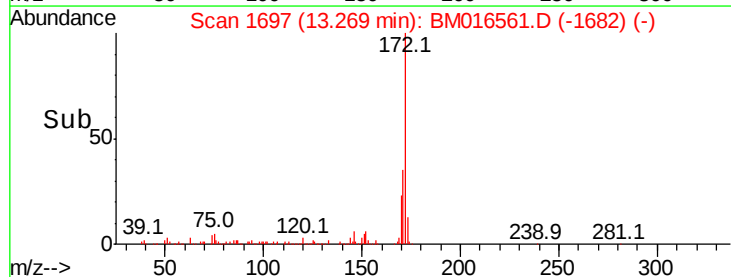
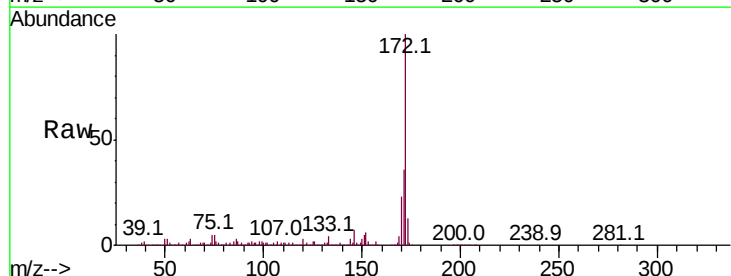
Manual Integrations
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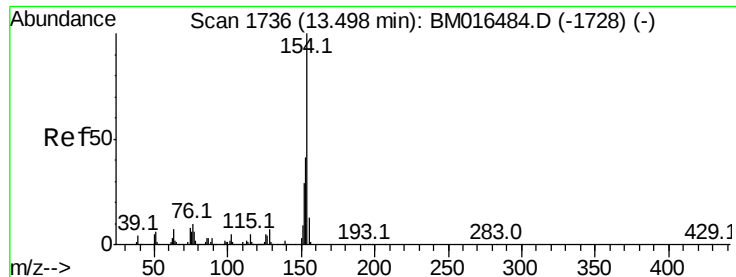
Sohil
 8/24/2018 8:40:53 AM



#44
 2-Fluorobiphenyl
 Concen: 87.085 ng/mL
 RT: 13.27 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4662009		
171	35.8	28.5	42.7	
170	23.0	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 38.429 ng

RT: 13.49 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

ClientSampleId :

PB112325BS

Tot Ion:154 Resp: 1733974

Ion	Ratio	Lower	Upper
154	100		
153	42.4	20.7	60.7
76	8.6	0.0	30.9

154 100

153 42.4 20.7 60.7

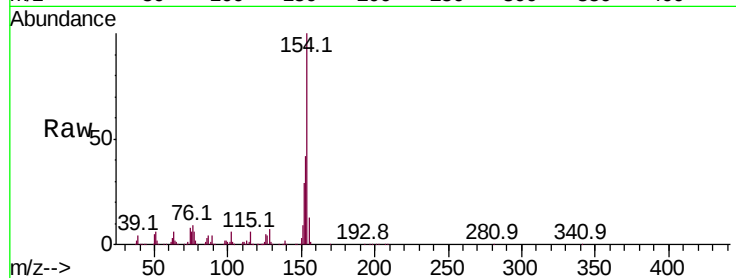
76 8.6 0.0 30.9

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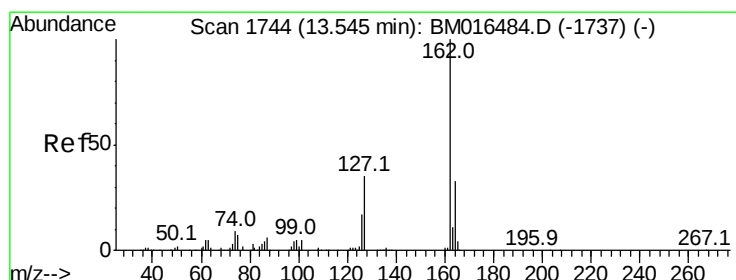
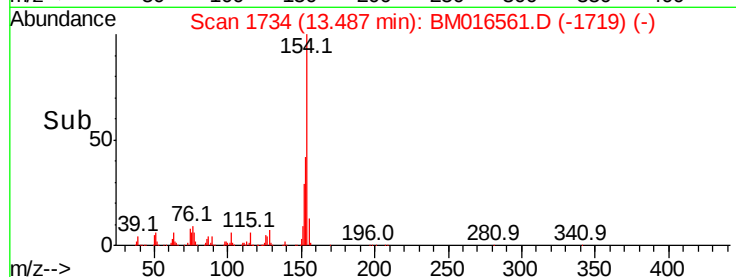
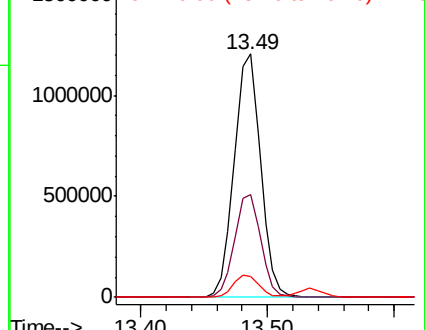


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 39.769 ng

RT: 13.53 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

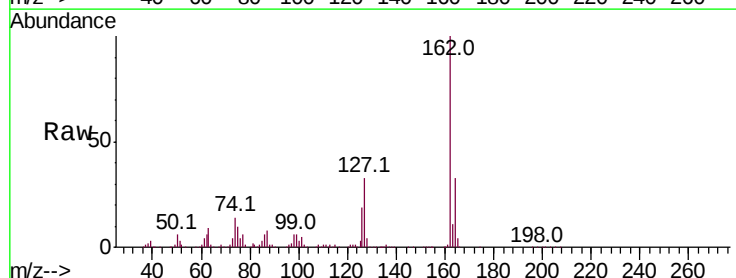
Tgt Ion:162 Resp: 1457856

Ion	Ratio	Lower	Upper
162	100		
127	33.2	26.9	40.3
164	33.0	26.8	40.2

162 100

127 33.2 26.9 40.3

164 33.0 26.8 40.2

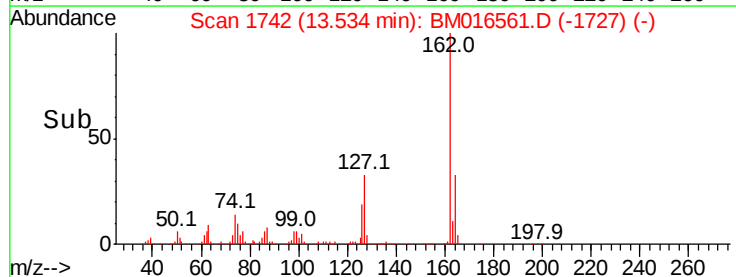
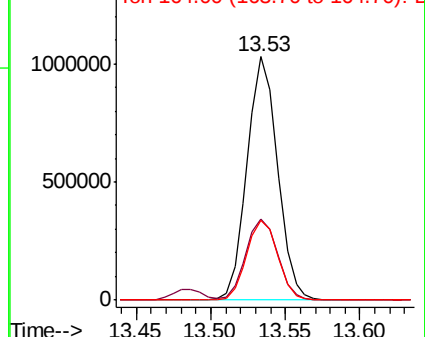


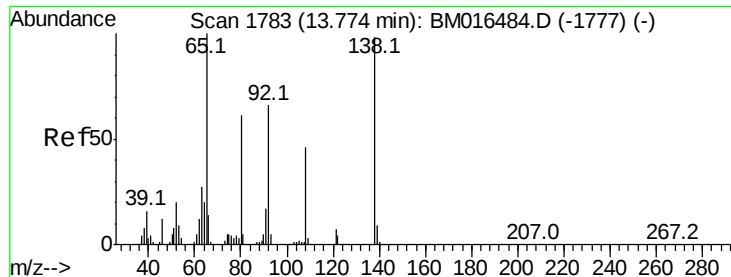
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 35.239 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

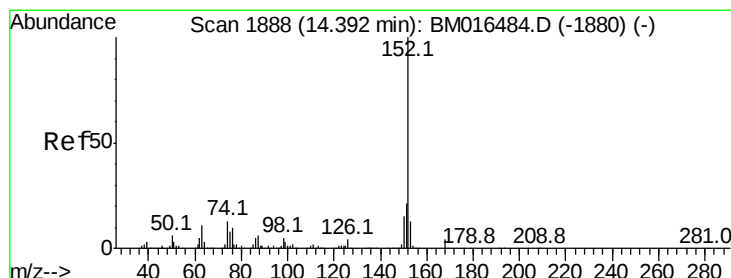
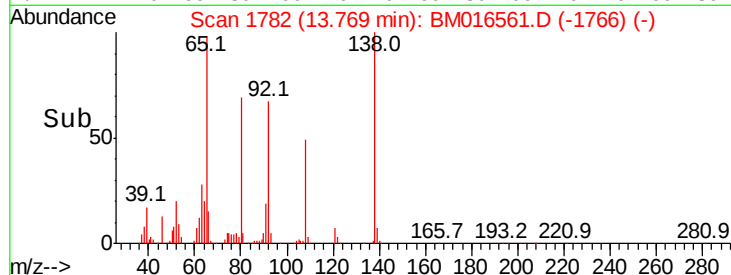
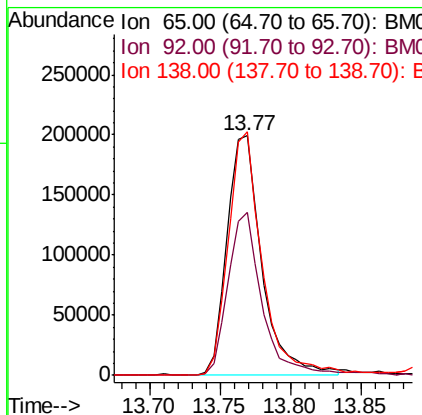
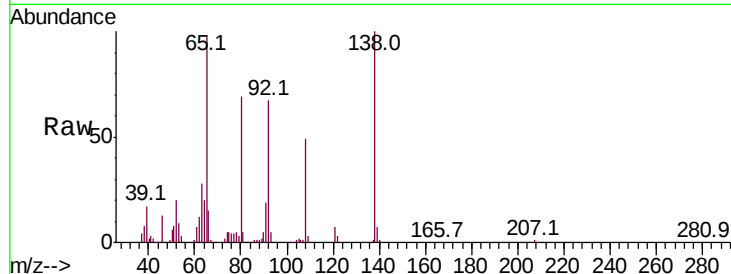
ClientSampleId :

PB112325BS

Tot Ion:	65	Resp:	344069
Ion Ratio	Lower	Upper	
65	100		
92	68.3	59.1	88.7
138	101.8	93.9	140.9

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#48

Acenaphthylene

Concen: 41.842 ng

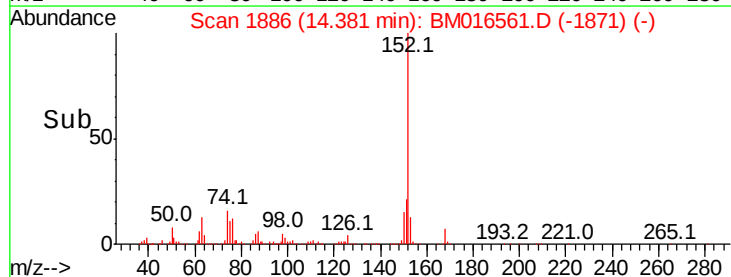
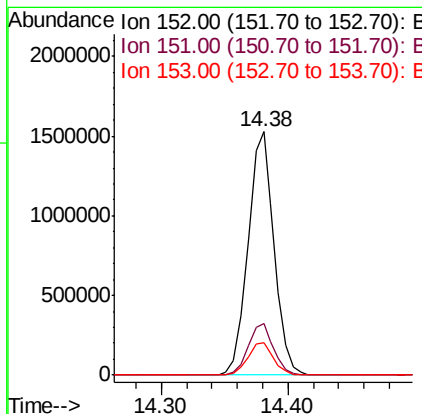
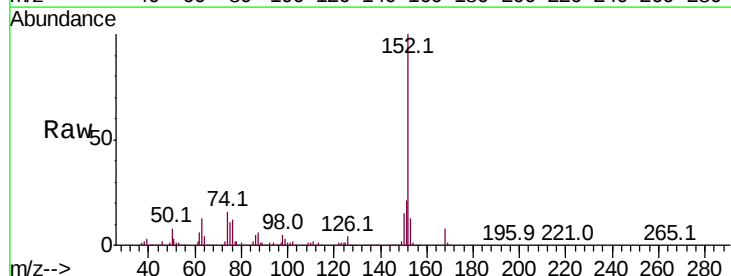
RT: 14.38 min Scan# 1886

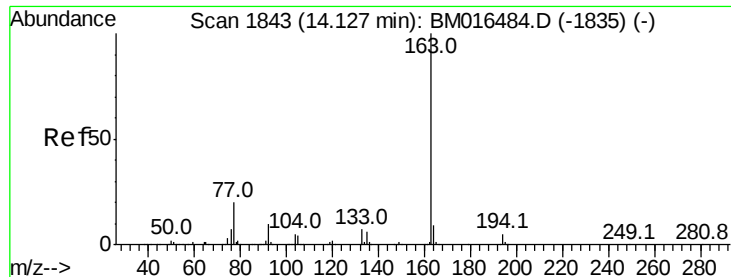
Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Tgt Ion:	152	Resp:	2165119
Ion Ratio	Lower	Upper	
152	100		
151	21.0	15.9	23.9
153	13.4	10.6	16.0





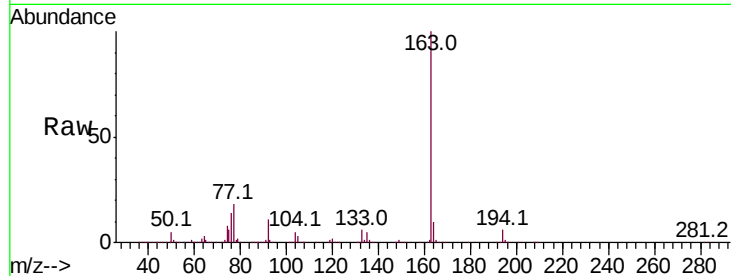
#49
Dimethylphthalate
Concen: 41.235 ng
RT: 14.12 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.0	2.7	4.1#
164	10.1	8.2	12.2

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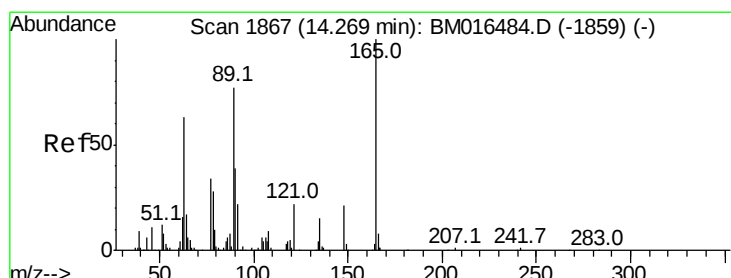
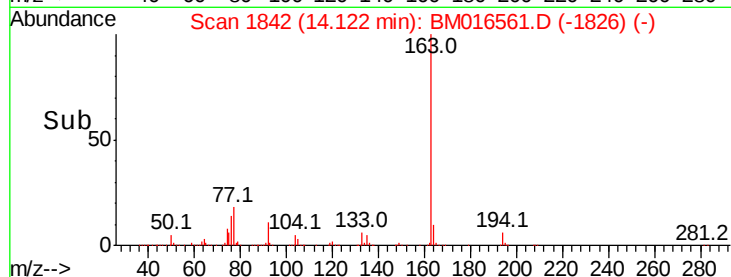
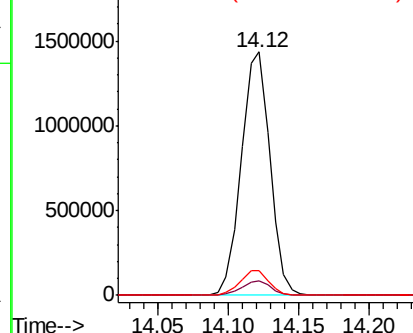


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 41.099 ng
RT: 14.26 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

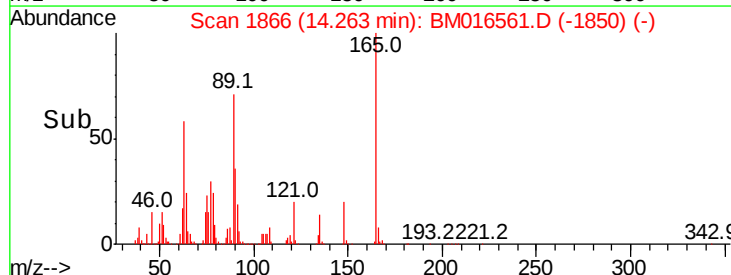
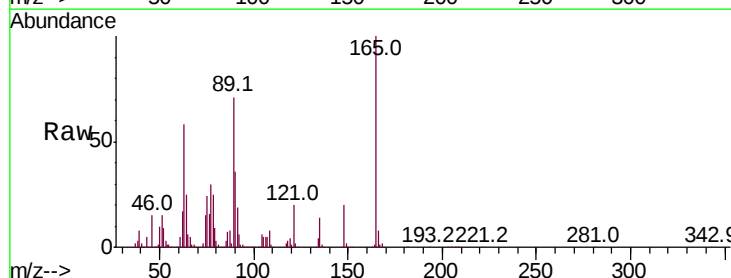
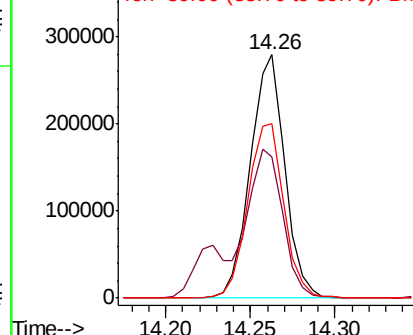
Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.1	44.1	66.1
89	71.5	44.3	66.5#

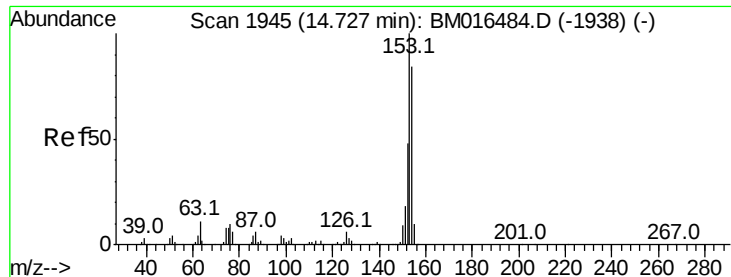
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.580 ng

RT: 14.72 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

ClientSampled :

PB112325BS

Tot Ion:154 Resp: 1290029

Ion Ratio Lower Upper

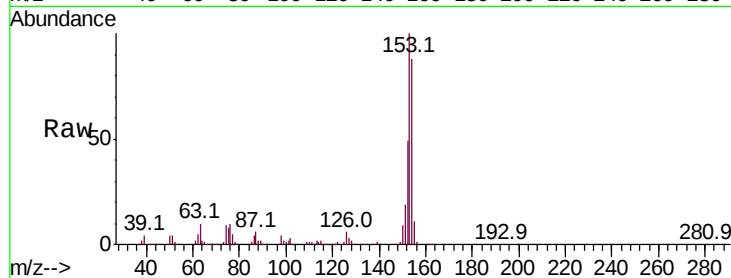
154 100

153 114.0 90.0 135.0

152 55.7 42.6 63.8

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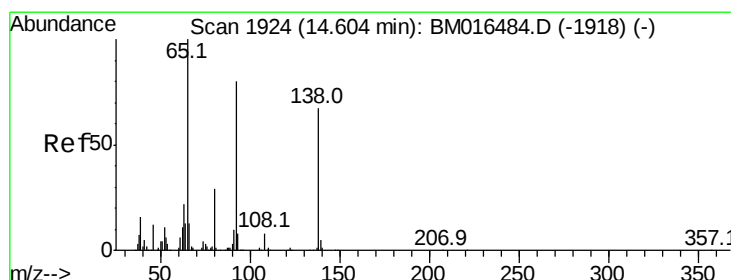
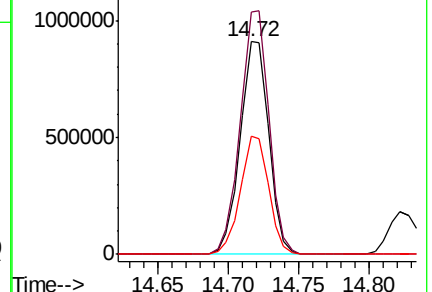
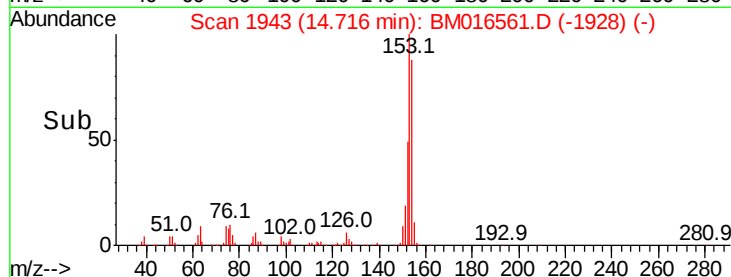
Sohil
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.594 ng

RT: 14.60 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

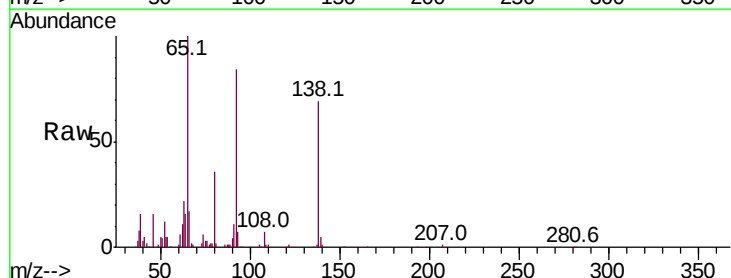
Tgt Ion:138 Resp: 215781

Ion Ratio Lower Upper

138 100

108 10.9 7.3 10.9

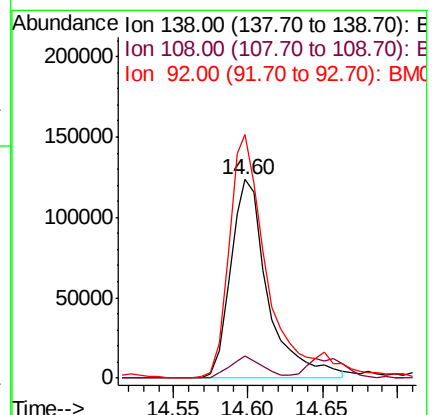
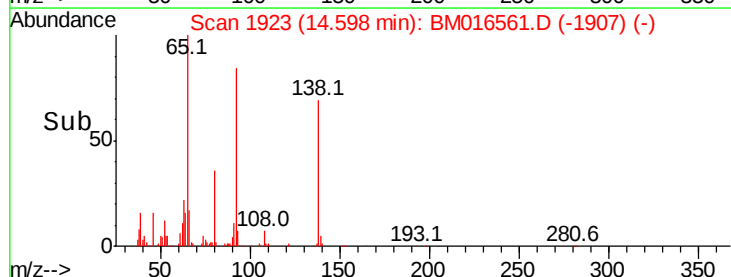
92 122.6 76.6 114.8#

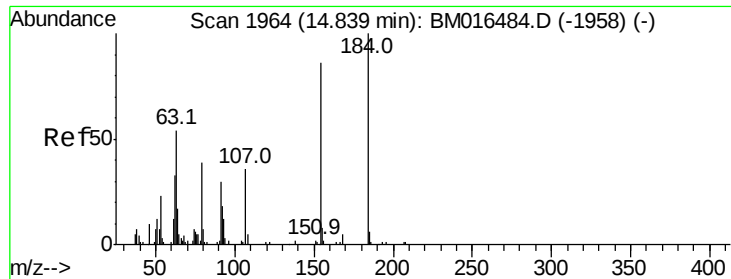


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





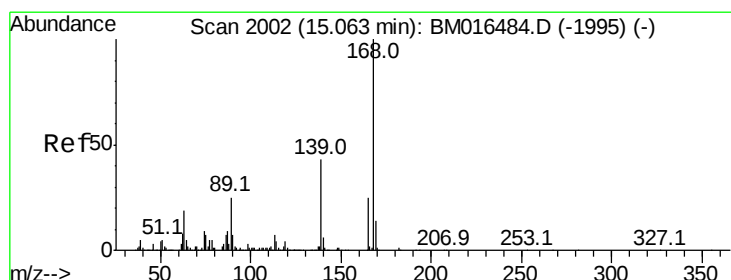
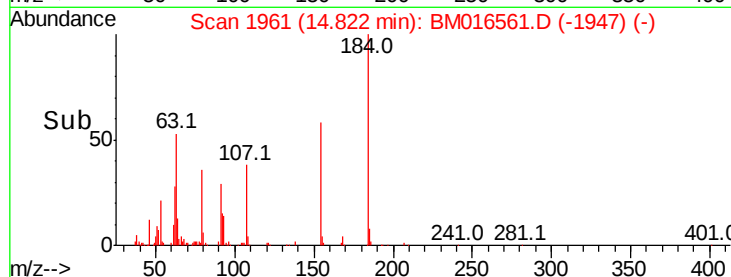
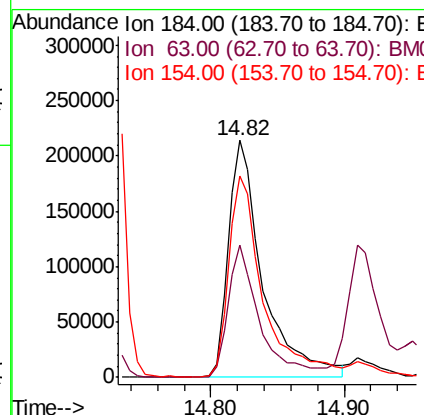
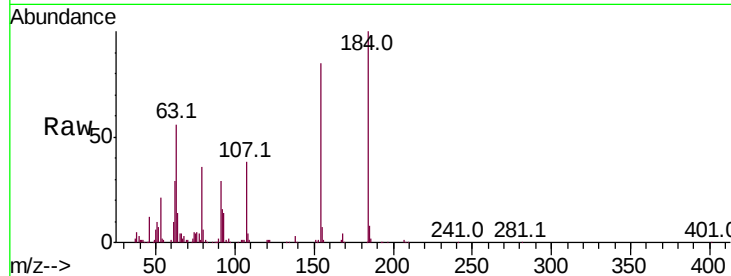
#53
2,4-Dinitrophenol
Concen: 80.281 ng
RT: 14.82 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampled :
PB112325BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	55.8	69.2	103.8#	
154	84.7	53.3	79.9#	

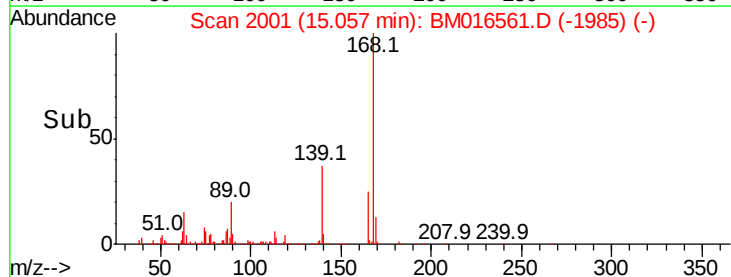
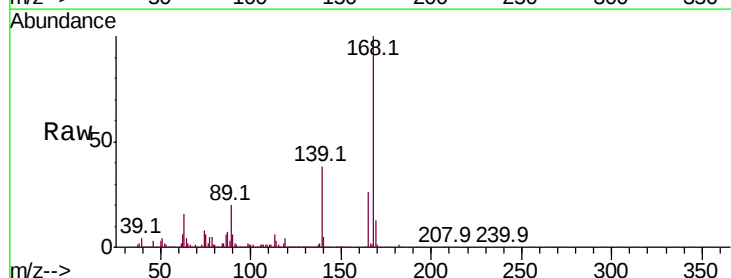
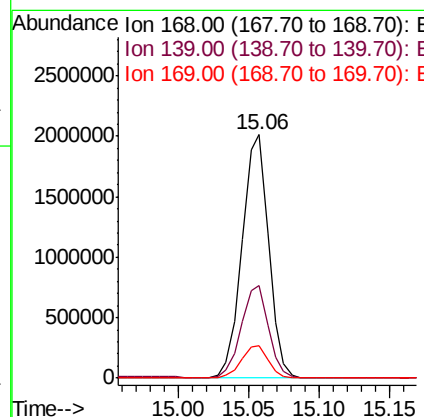
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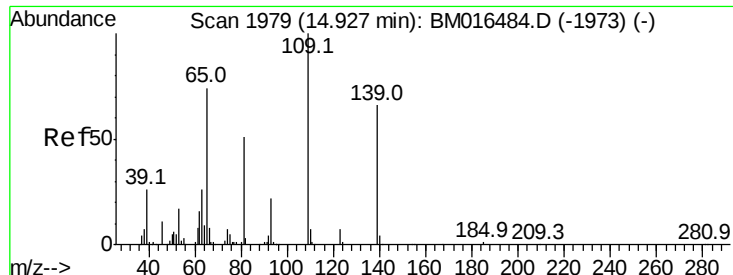
Sohil
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#54
Dibenzofuran
Concen: 43.530 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.1	27.3	40.9	
169	13.3	10.6	16.0	





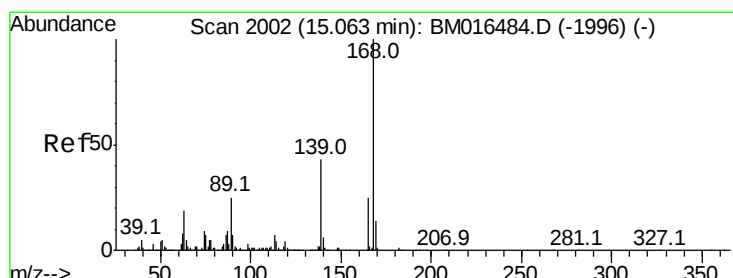
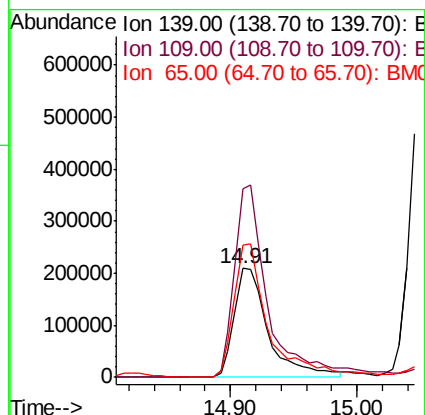
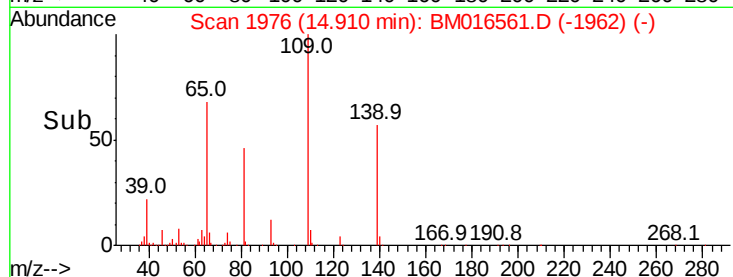
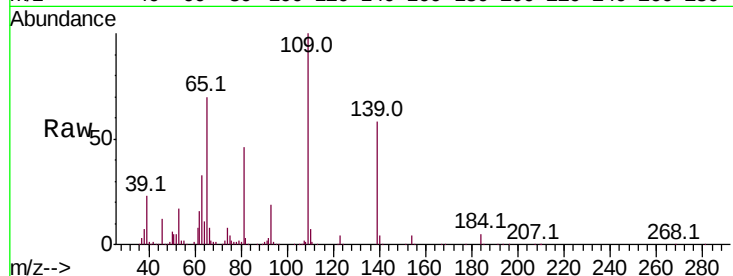
#55
4-Nitrophenol
Concen: 70.258 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.02 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	173.8	130.0	170.0#	
65	122.0	130.0	170.0#	

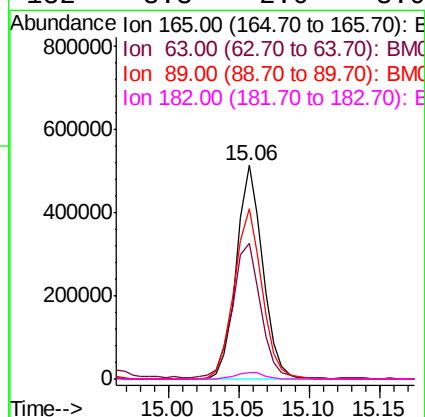
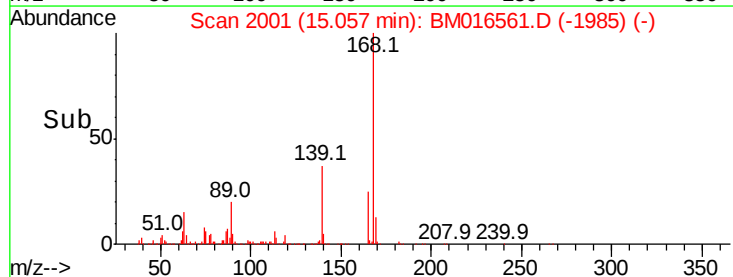
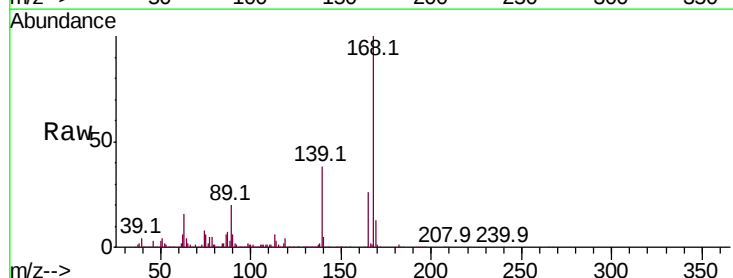
Manual Integrations
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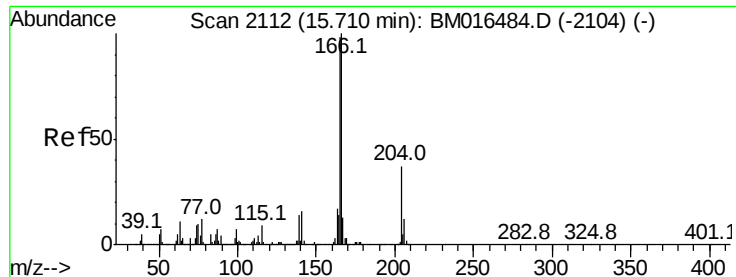
Sohil
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#56
2,4-Dinitrotoluene
Concen: 41.461 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	63.6	52.4	78.6	
89	79.5	72.4	108.6	
182	3.3	2.0	3.0#	





#57

Fluorene

Concen: 46.119 ng

RT: 15.70 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

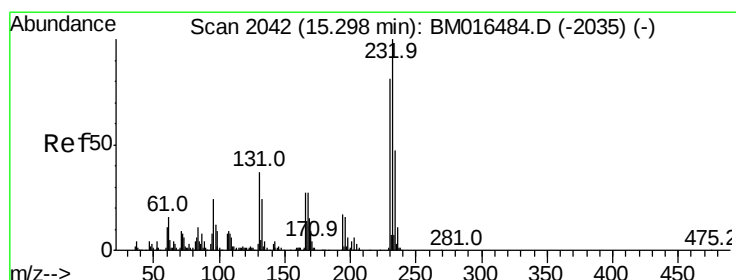
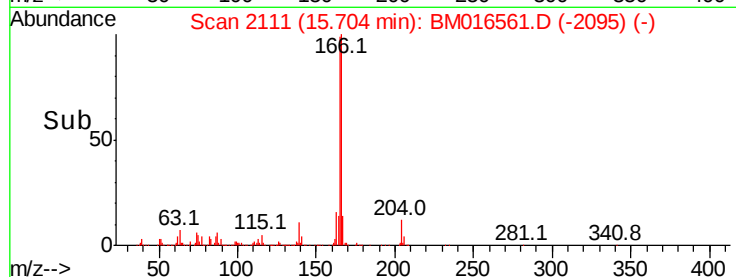
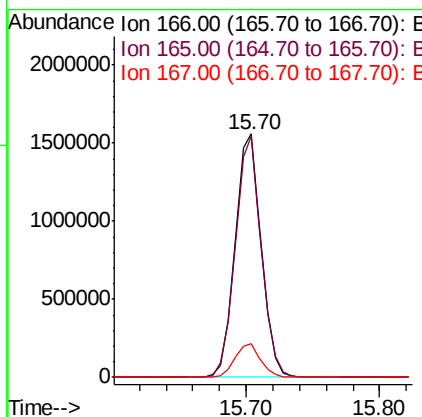
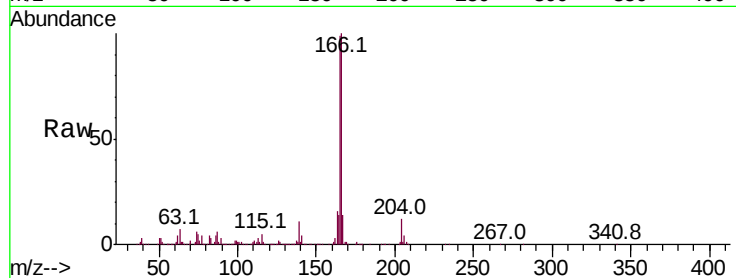
ClientSampleId :

PB112325BS

Tot Ion:	166	Resp:	2120204
Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.0	118.4
167	13.7	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.192 ng

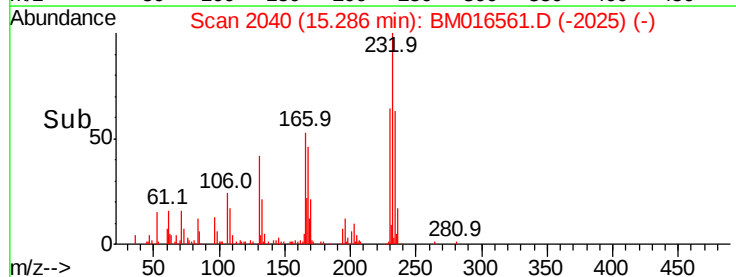
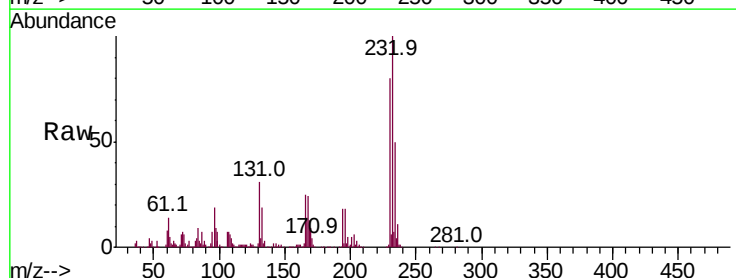
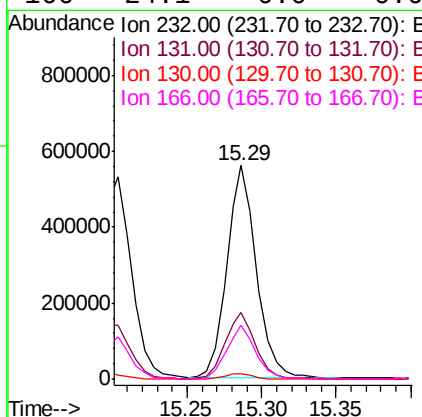
RT: 15.29 min Scan# 2040

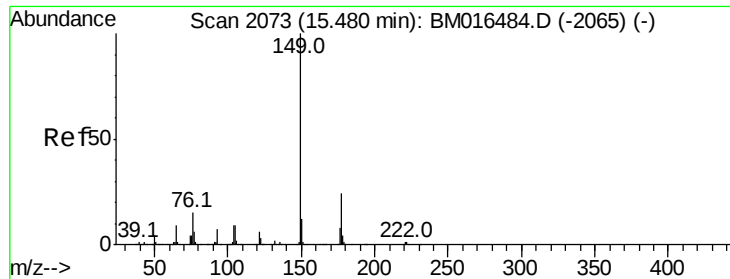
Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Tgt Ion:	232	Resp:	769997
Ion	Ratio	Lower	Upper
232	100		
131	31.5	0.0	0.0#
130	2.5	0.0	0.0#
166	24.1	0.0	0.0#





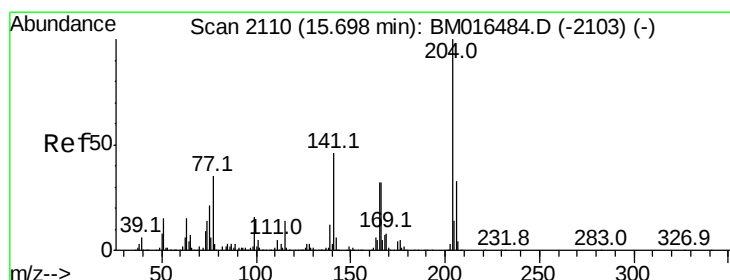
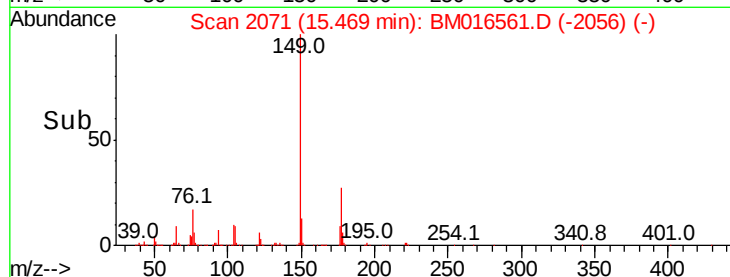
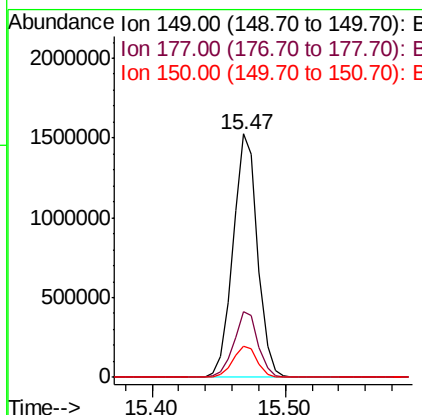
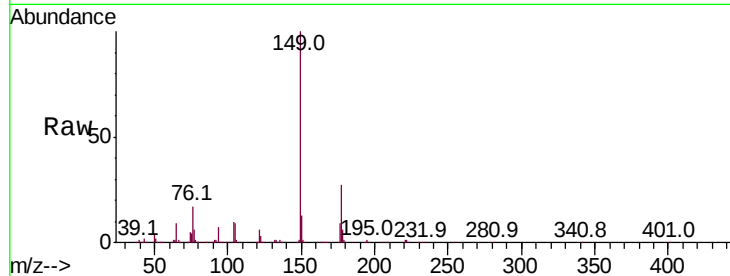
#59
Diethylphthalate
Concen: 37.778 ng
RT: 15.47 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	26.8	18.3	27.5
150	12.9	9.8	14.8

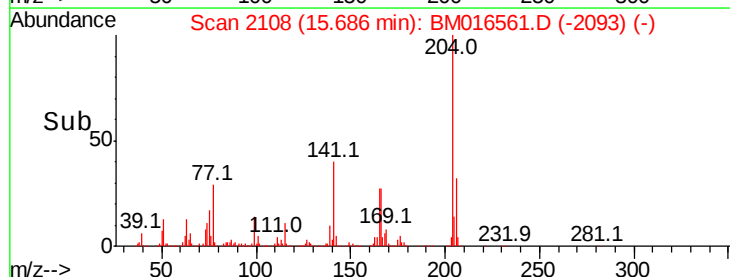
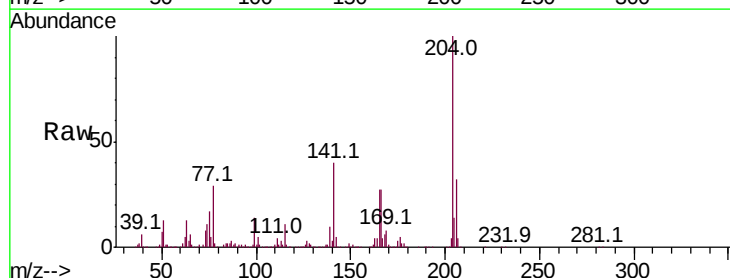
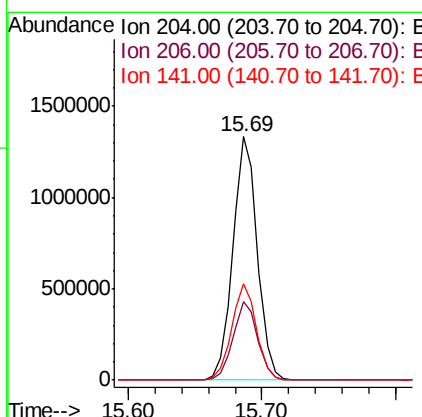
Manual Integrations
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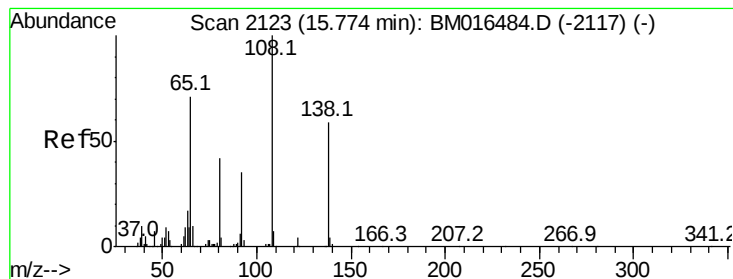
Sohil
8/24/2018 8:40:53 AM



#60
4-Chlorophenyl-phenylether
Concen: 44.152 ng
RT: 15.69 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.6	39.8
141	39.9	45.2	67.8#





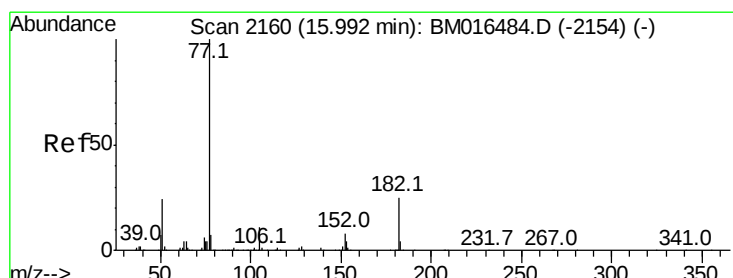
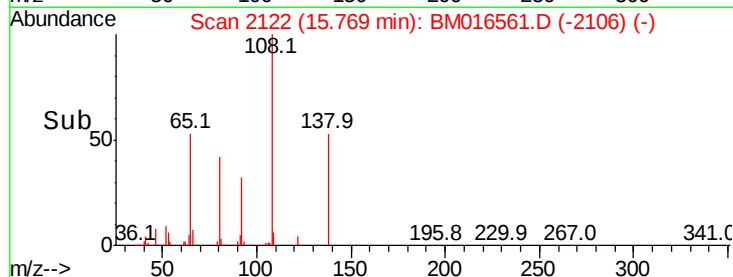
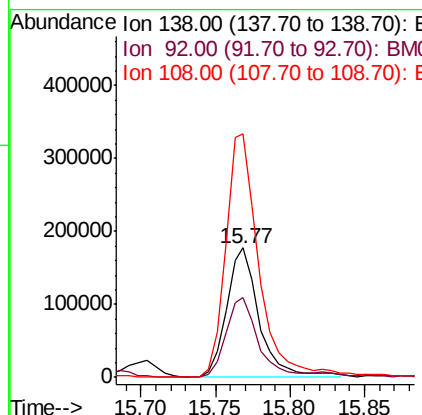
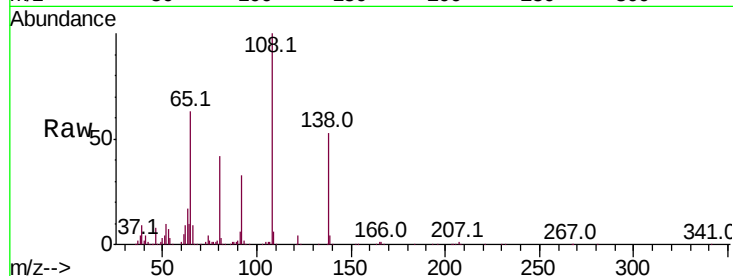
#61
4-Nitroaniline
Concen: 31.743 ng
RT: 15.77 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	61.9	16.7	56.7#
108	188.4	37.6	77.6#

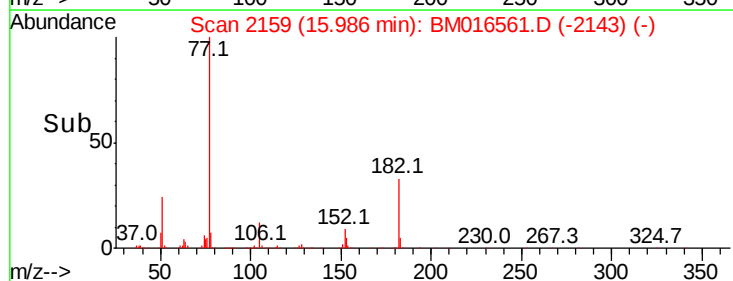
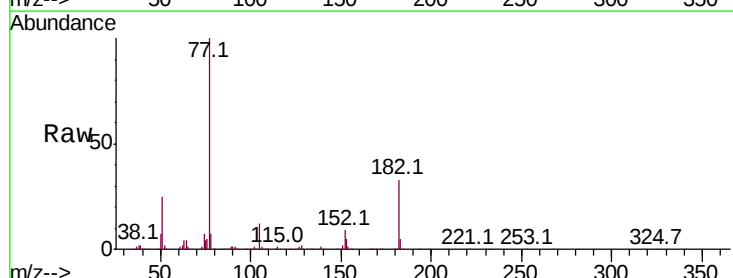
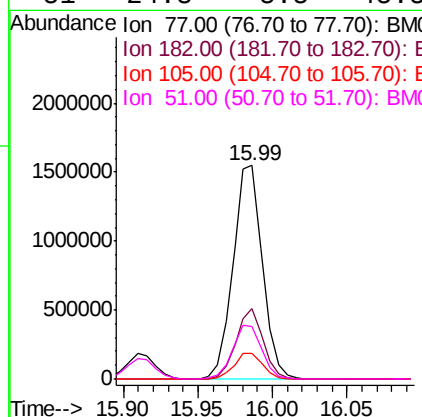
Manual Integrations
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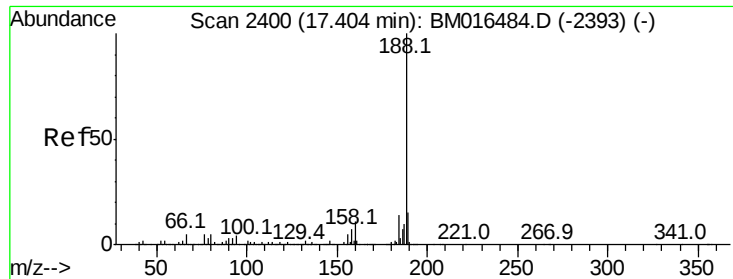
Sohil
8/24/2018 8:40:53 AM



#62
Azobenzene
Concen: 38.702 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.7	6.5	46.5
105	11.8	3.8	43.8
51	24.8	5.5	45.5





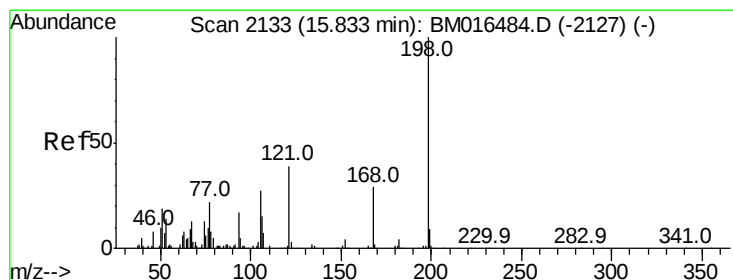
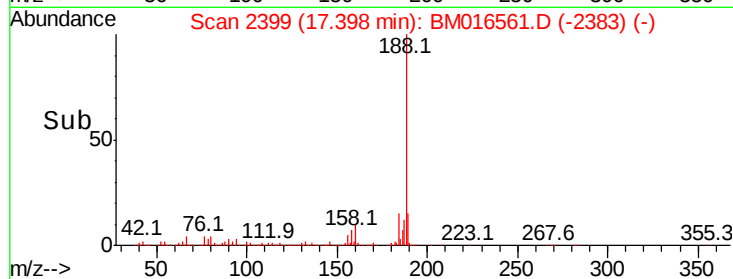
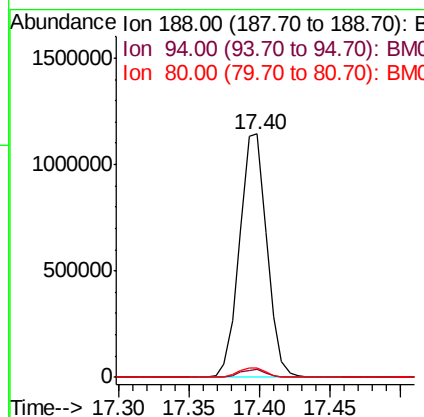
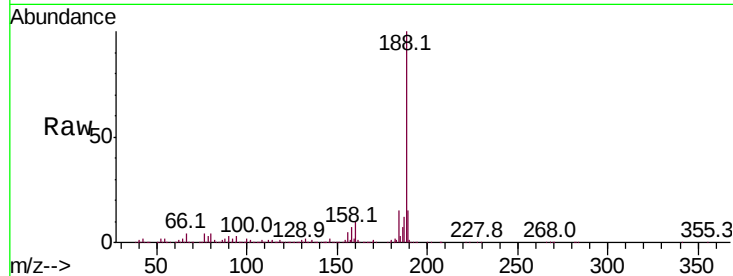
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BS

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

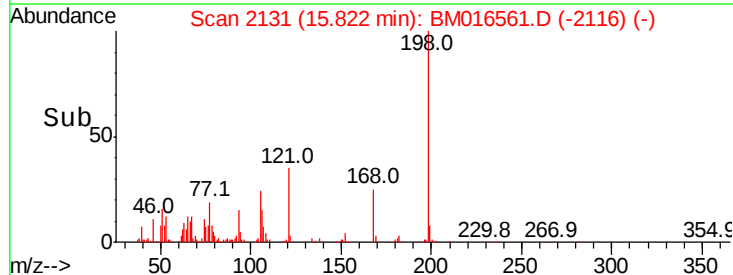
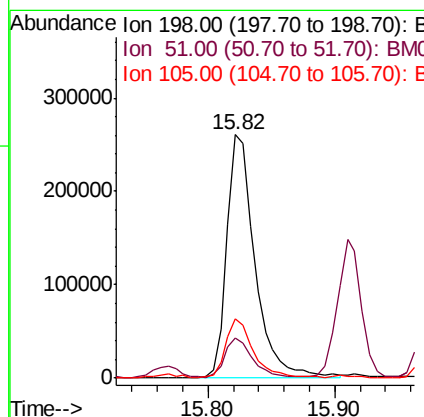
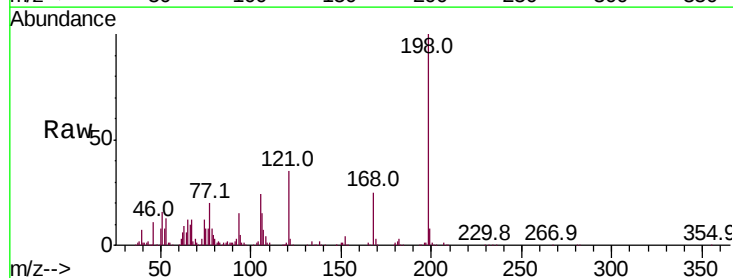
Manual Integrations
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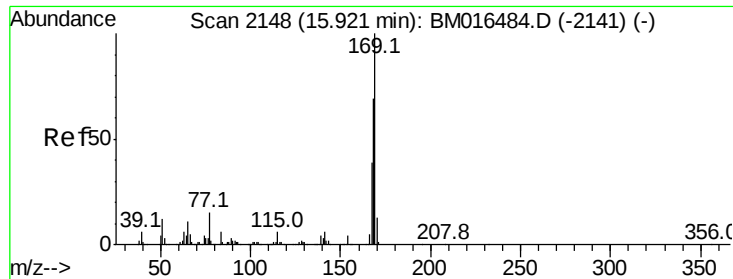
Sohil
 8/24/2018 8:40:53 AM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.294 ng
 RT: 15.82 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
198	100		
51	16.4	28.8	68.8#
105	24.4	30.5	70.5#





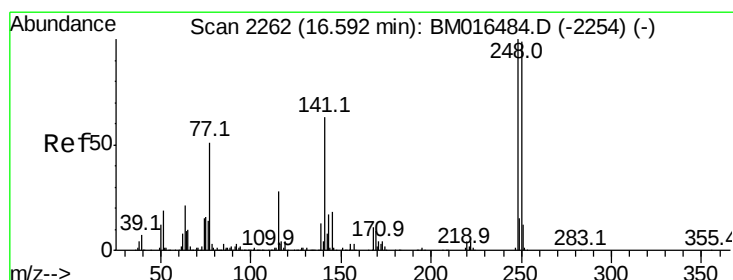
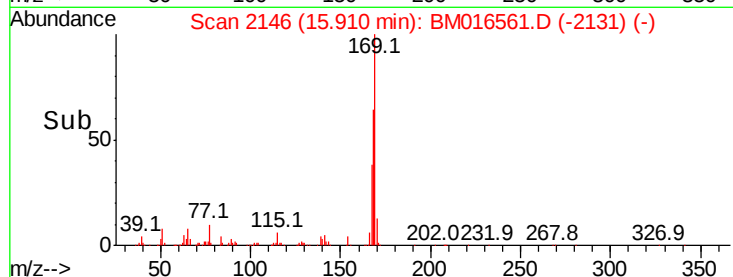
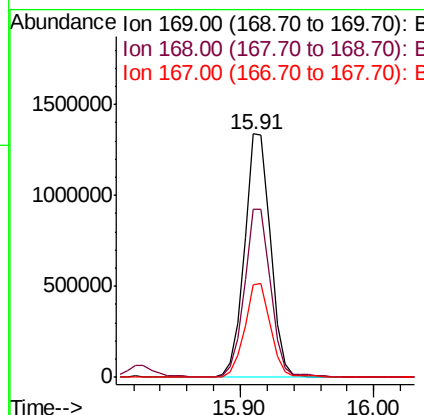
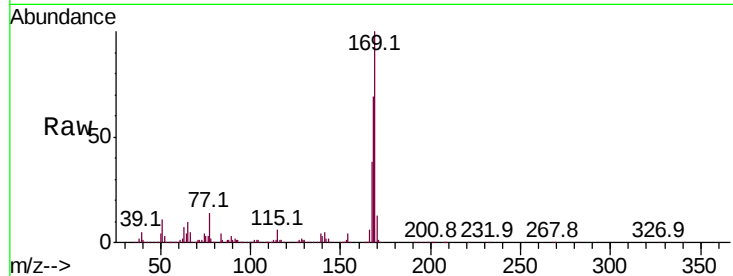
#65
n-Nitrosodiphenylamine
Concen: 40.819 ng
RT: 15.91 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.0	53.9	80.9
167	37.9	28.9	43.3

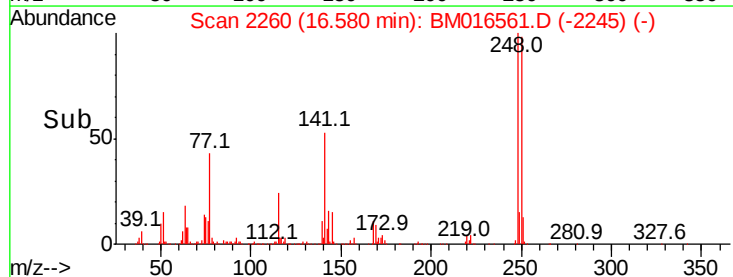
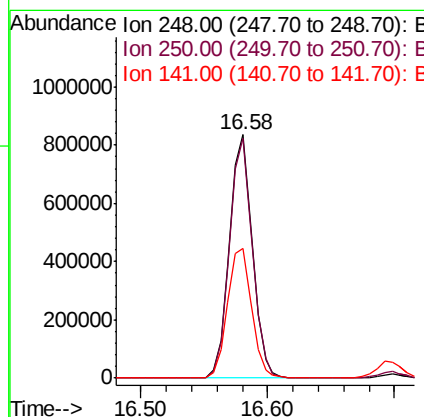
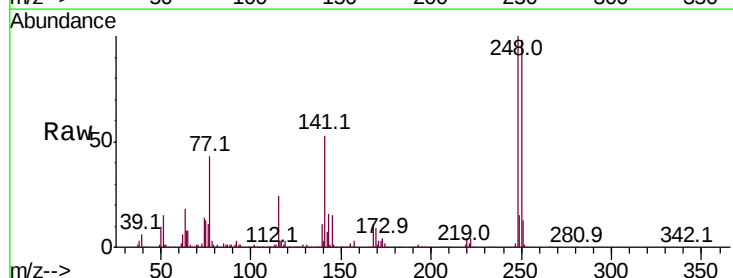
Manual Integrations
APPROVED

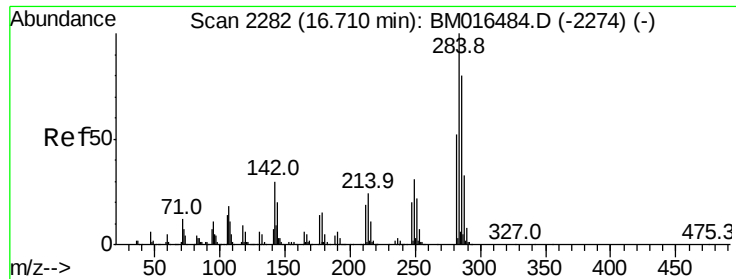
Sohil
8/24/2018 8:40:53 AM



#66
4-Bromophenyl-phenylether
Concen: 43.986 ng
RT: 16.58 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	77.4	116.0
141	53.0	45.2	67.8





#67

Hexachlorobenzene

Concen: 42.191 ng

RT: 16.70 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

ClientSampleId :

PB112325BS

Tot Ion:284 Resp: 1167496

Ion Ratio Lower Upper

284 100

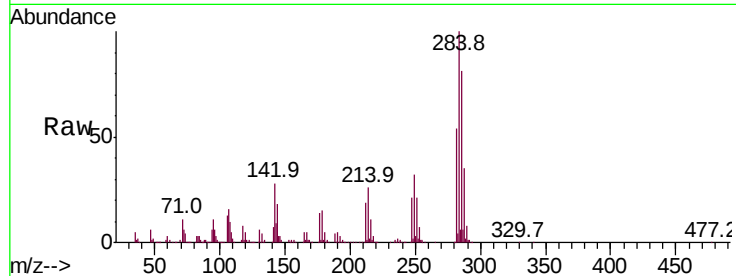
142 27.7 20.4 30.6

249 32.4 23.8 35.6

Manual Integrations
APPROVED

Sohil

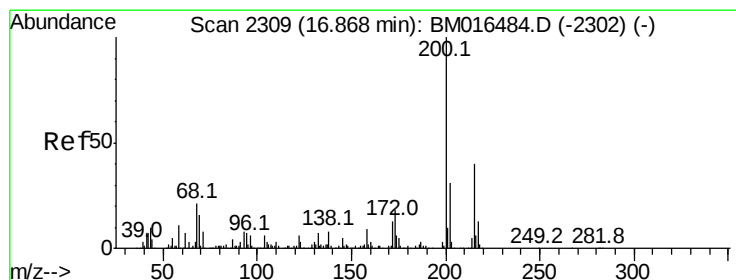
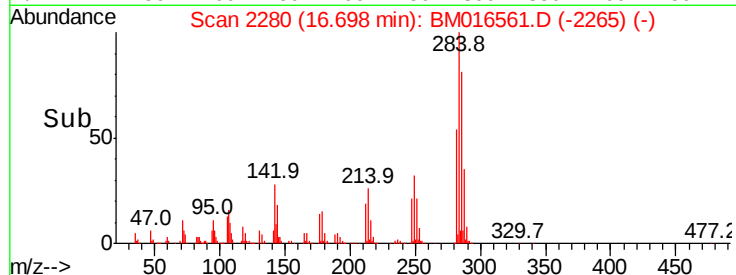
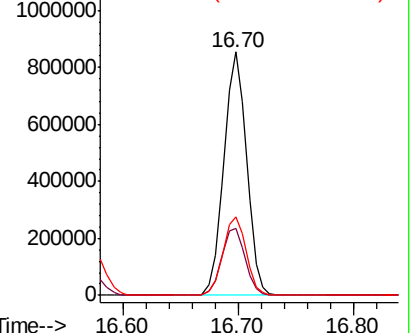
8/24/2018 8:40:53 AM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.802 ng

RT: 16.86 min Scan# 2307

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

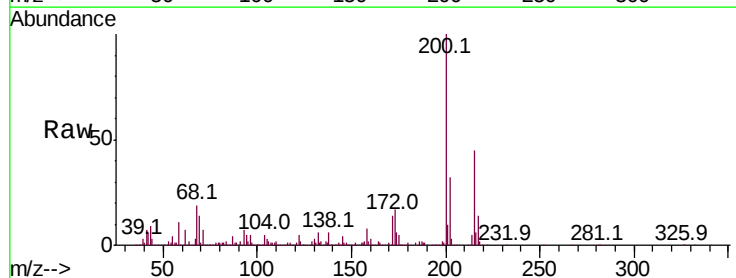
Tgt Ion:200 Resp: 967573

Ion Ratio Lower Upper

200 100

173 16.5 4.8 44.8

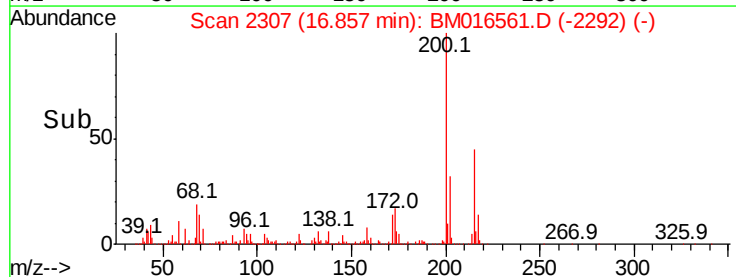
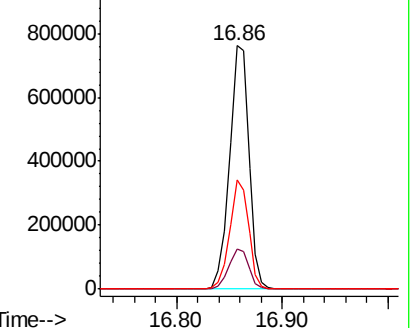
215 44.6 26.9 66.9

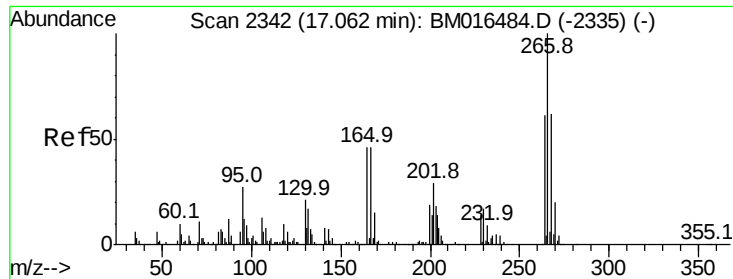


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





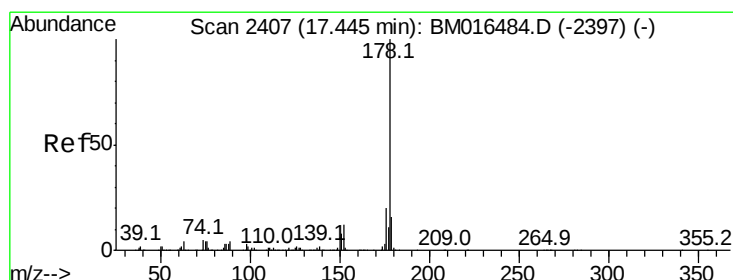
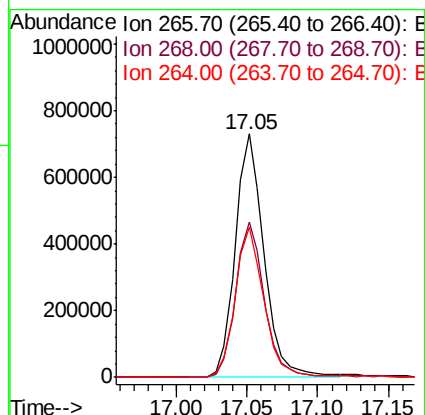
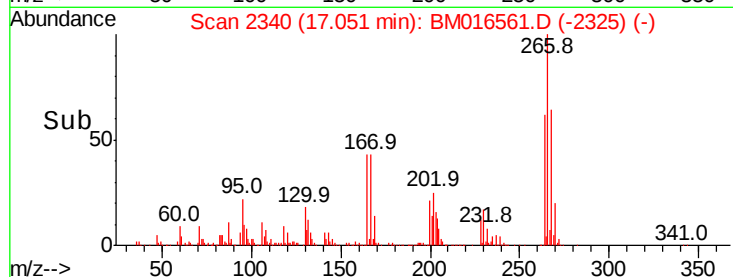
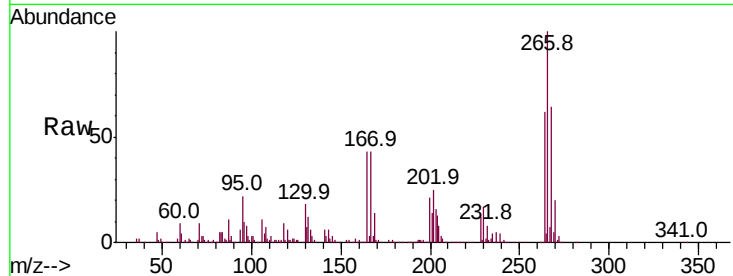
#69
 Pentachlorophenol
 Concen: 70.628 ng
 RT: 17.05 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleID :
 PB112325BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.0	78.0
264	61.9	49.0	73.4

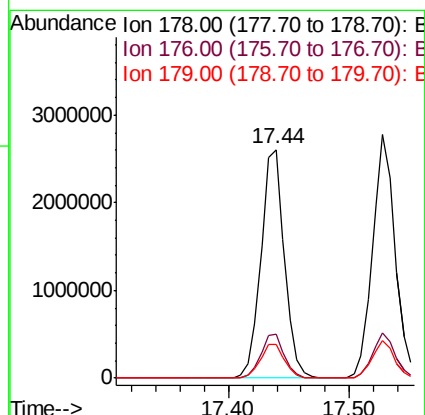
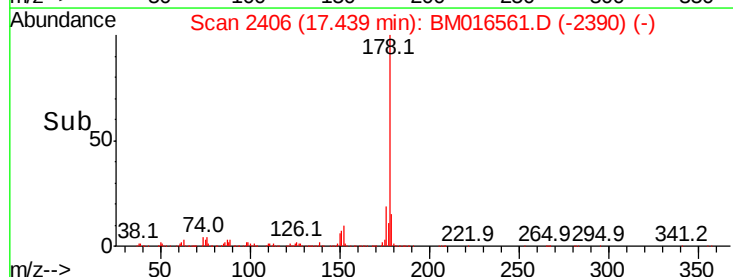
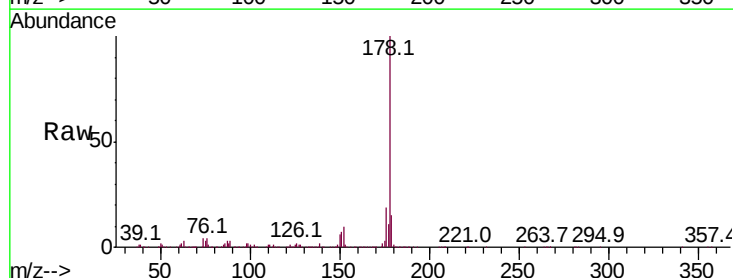
Manual Integrations
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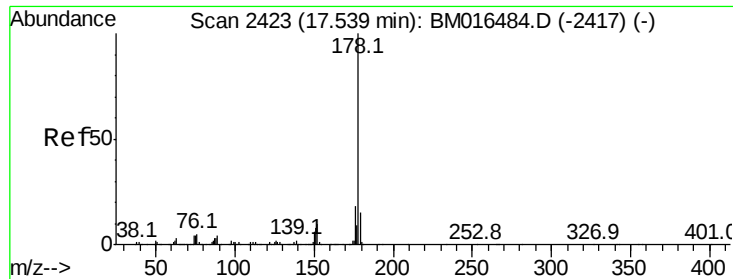
Sohil
 8/24/2018 8:40:53 AM



#70
 Phenanthrene
 Concen: 44.174 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.0	12.1	18.1





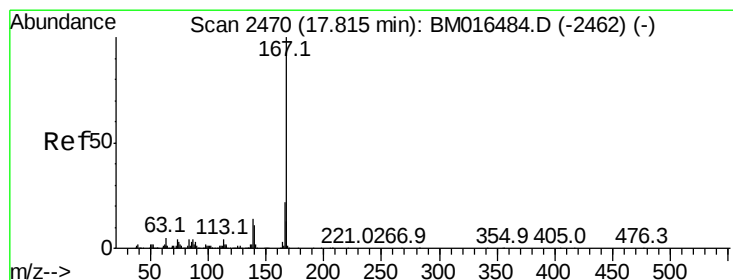
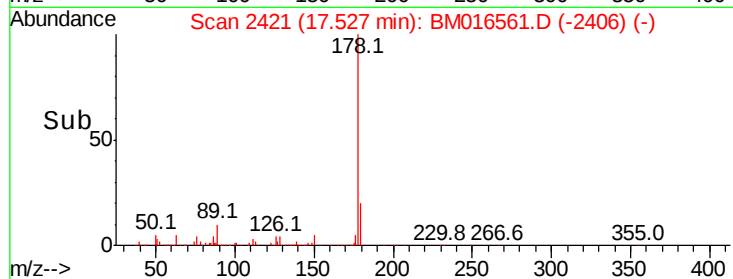
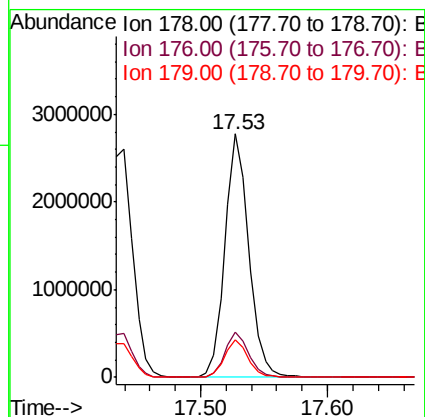
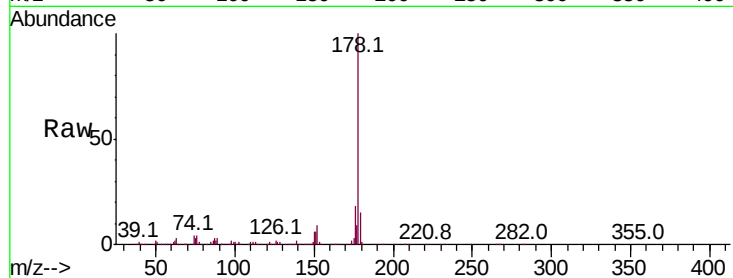
#71
 Anthracene
 Concen: 45.496 ng
 RT: 17.53 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.3	12.6	19.0

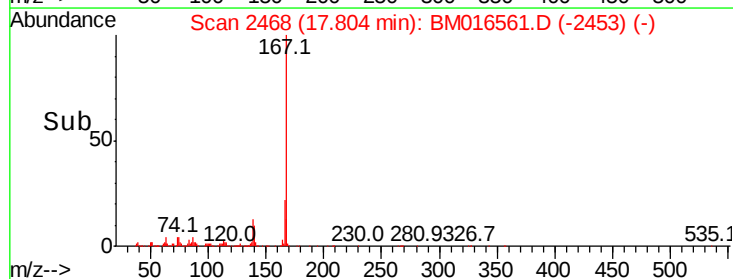
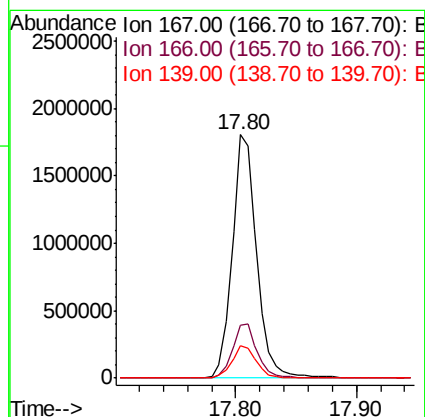
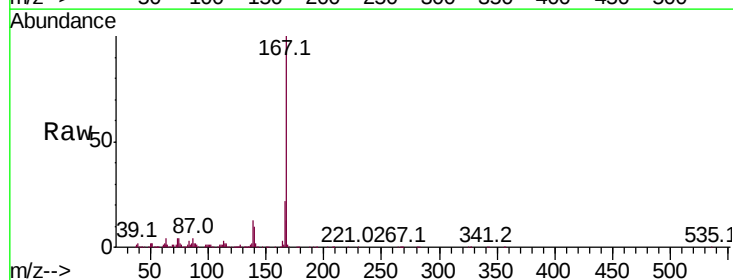
Manual Integrations
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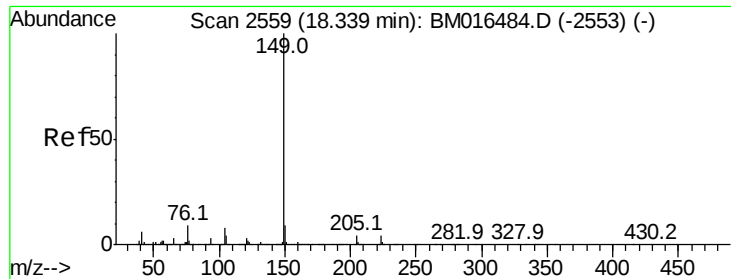
Sohil
 8/24/2018 8:40:53 AM



#72
 Carbazole
 Concen: 35.690 ng
 RT: 17.80 min Scan# 2468
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.4	10.8	16.2





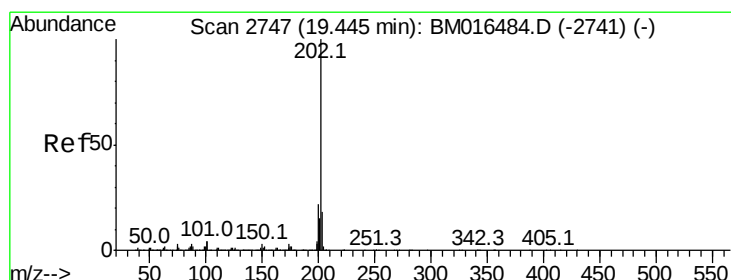
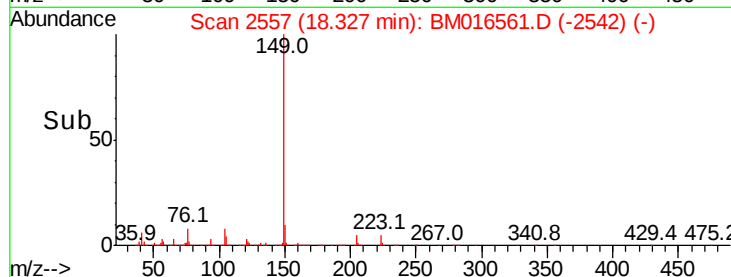
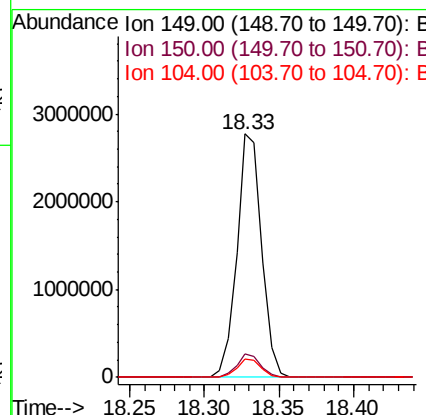
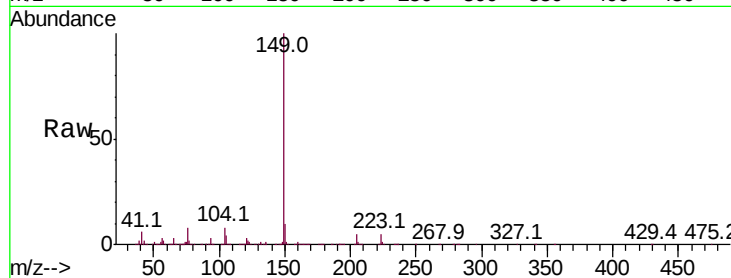
#73
Di-n-butylphthalate
Concen: 37.090 ng
RT: 18.33 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	7.5	3.7	5.5

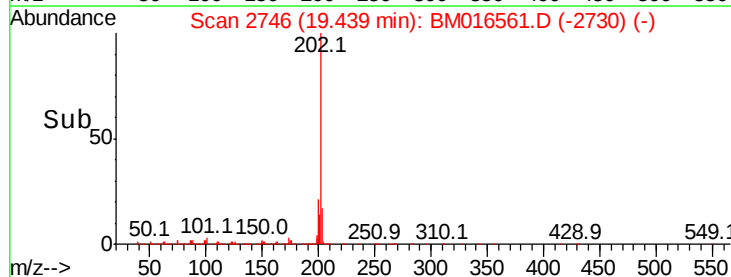
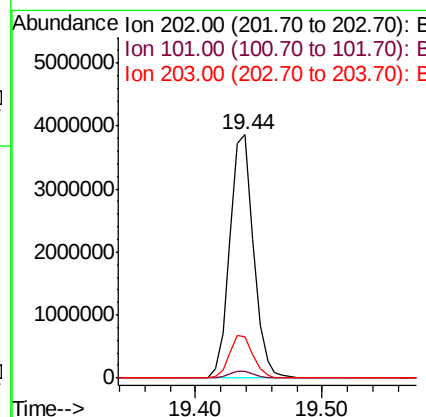
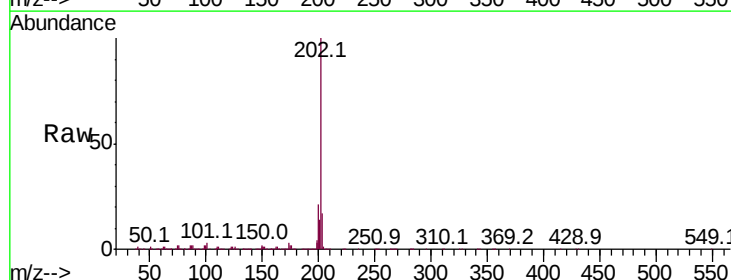
Manual Integrations
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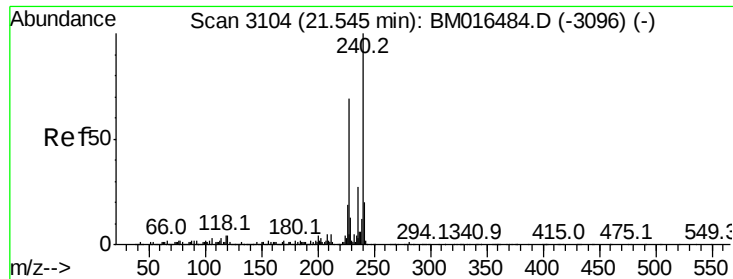
Sohil
8/24/2018 8:40:53 AM



#74
Fluoranthene
Concen: 42.626 ng
RT: 19.44 min Scan# 2746
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
202	100		
101	2.6	0.0	28.7
203	17.1	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

ClientSampleId :

PB112325BS

Tot Ion:240 Resp: 1969973

Ion Ratio Lower Upper

240 100

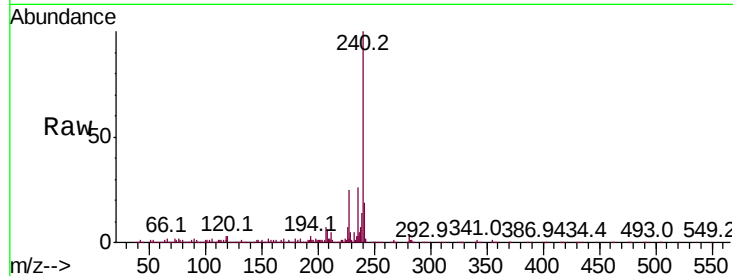
120 3.0 8.2 12.2#

236 26.2 20.0 30.0

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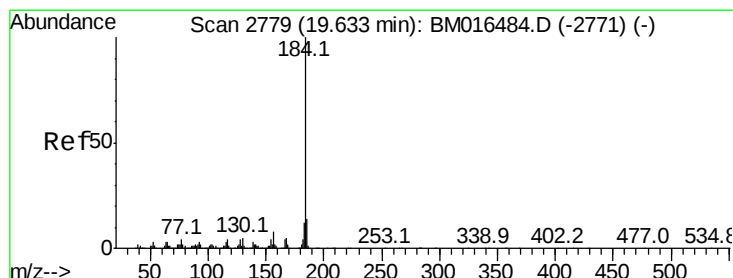
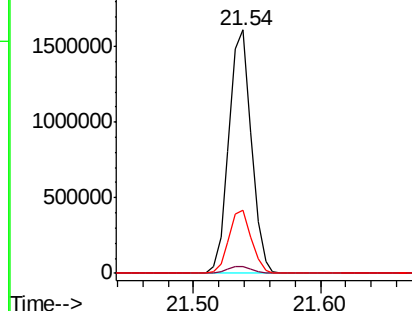
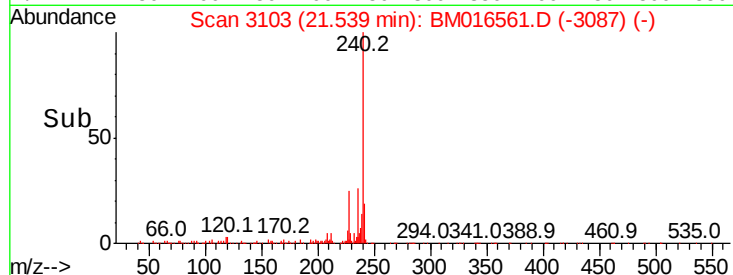
8/24/2018 8:40:53 AM



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: 36.287 ng

RT: 19.63 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

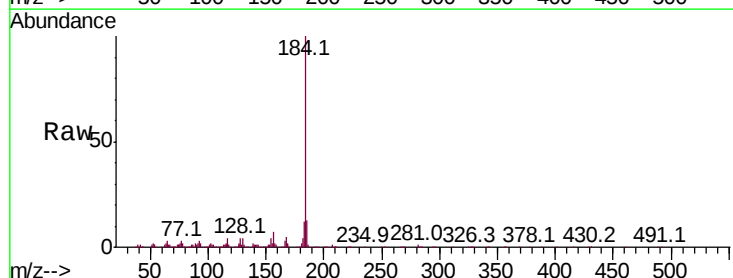
Tgt Ion:184 Resp: 1374710

Ion Ratio Lower Upper

184 100

185 13.2 11.3 16.9

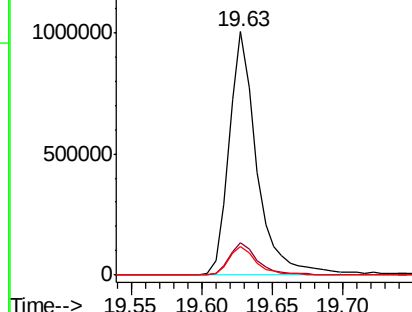
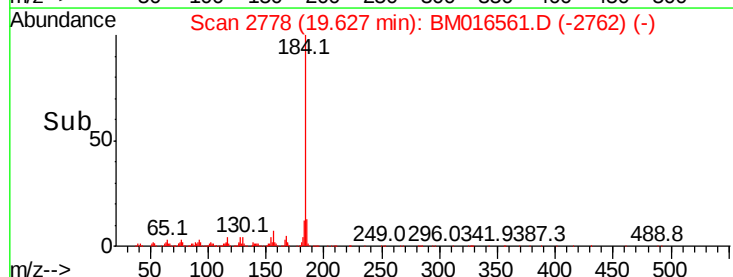
183 12.0 8.9 13.3

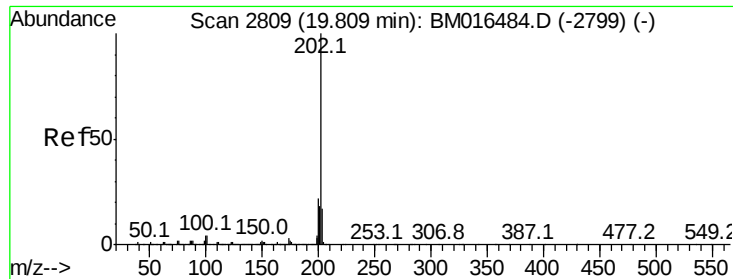


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.123 ng

RT: 19.80 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

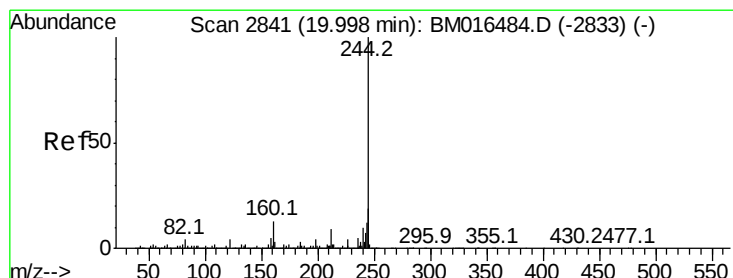
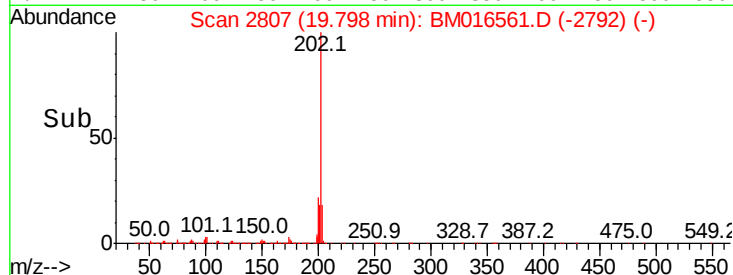
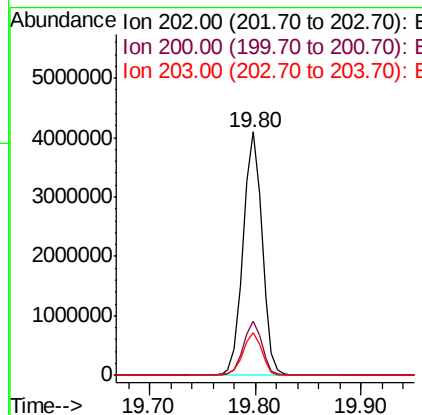
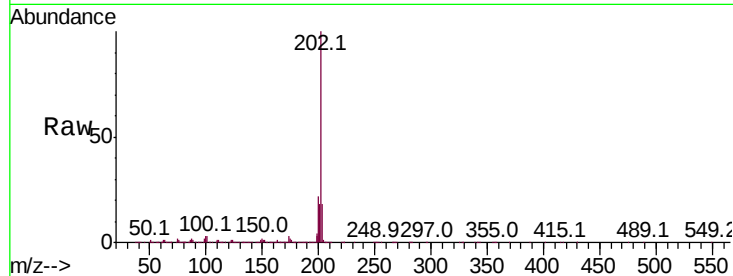
ClientSampled :

PB112325BS

Tot Ion:	202	Resp:	5045012
Ion Ratio	Lower	Upper	
202	100		
200	22.1	16.9	25.3
203	17.7	14.1	21.1

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#78

Terphenyl-d14

Concen: 101.681 ng

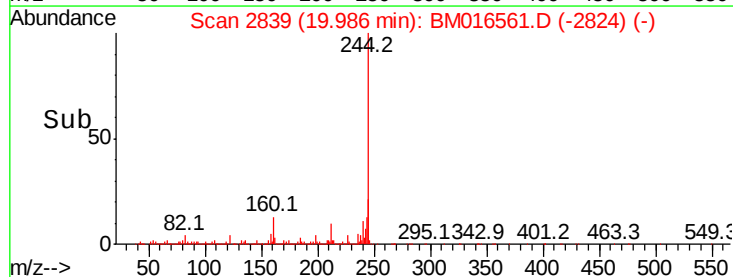
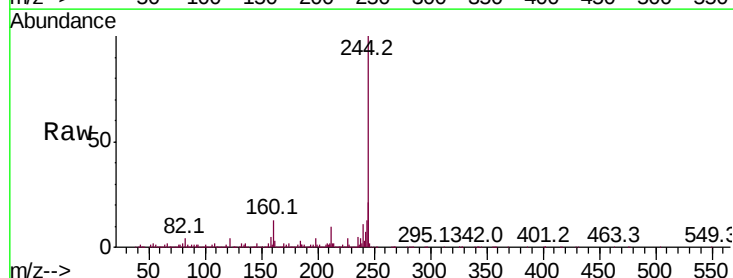
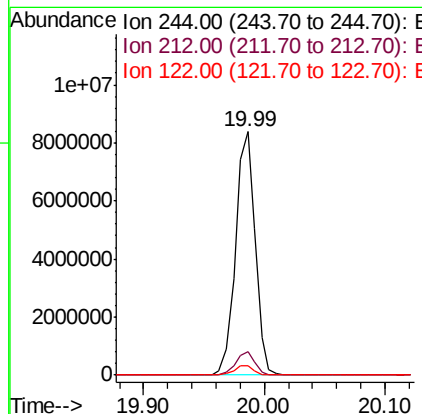
RT: 19.99 min Scan# 2839

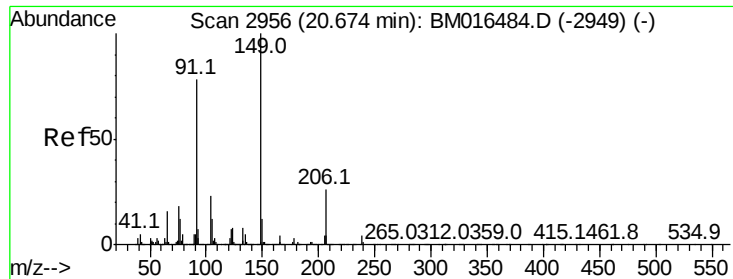
Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Tgt Ion:	244	Resp:	9463870
Ion Ratio	Lower	Upper	
244	100		
212	9.8	4.9	7.3#
122	3.8	6.2	9.4#





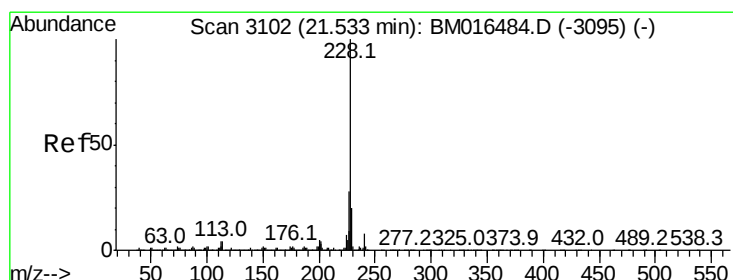
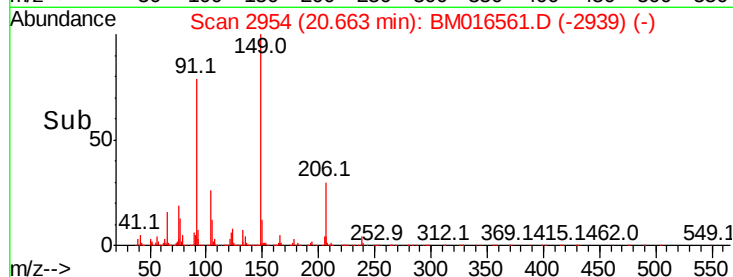
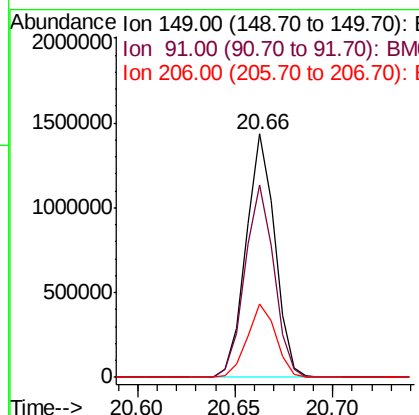
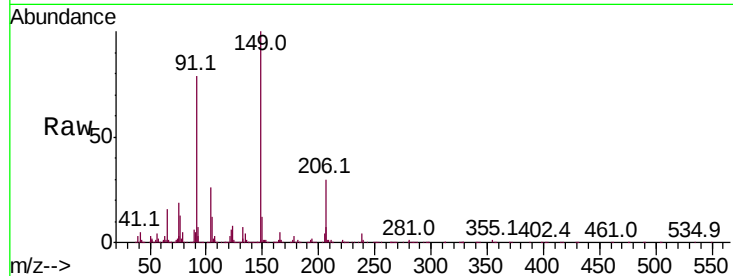
#79
Butylbenzylphthalate
Concen: 39.756 ng
RT: 20.66 min Scan# 2954
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.9	50.1	75.1#
206	30.3	16.2	24.2#

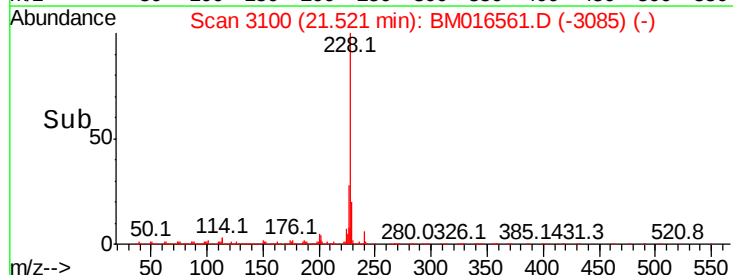
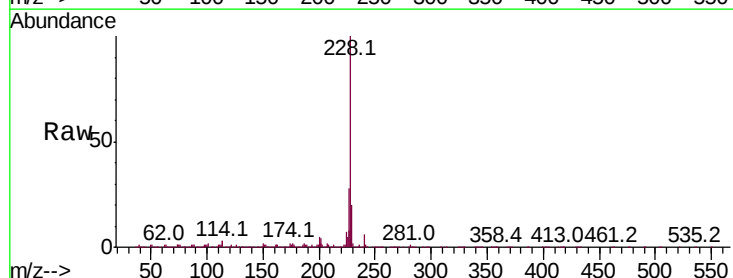
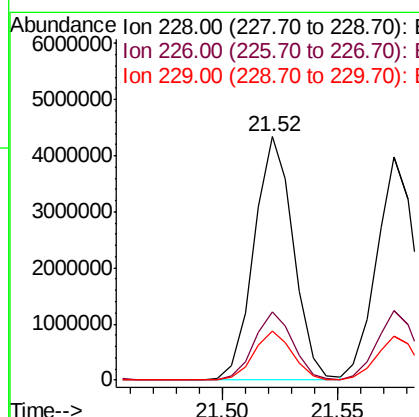
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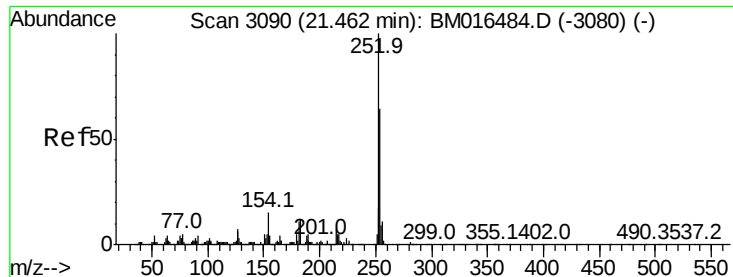
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#80
Benzo(a)anthracene
Concen: 44.567 ng
RT: 21.52 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.7	32.5
229	20.2	16.0	24.0





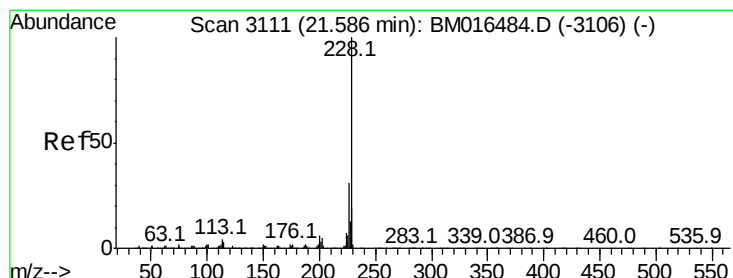
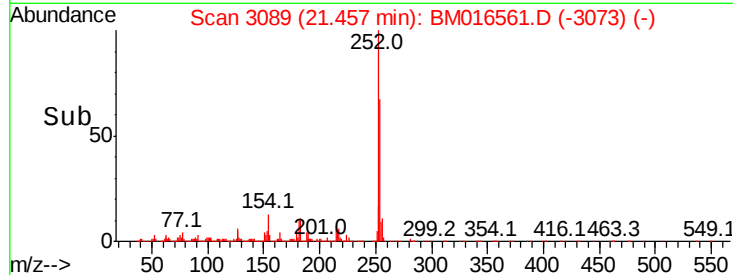
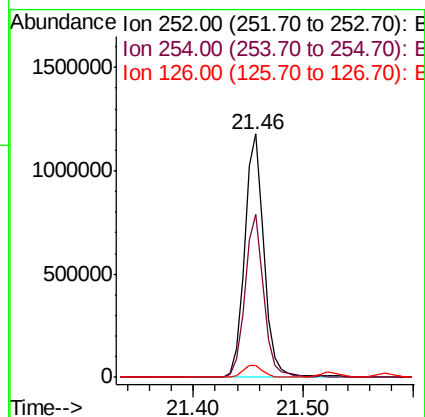
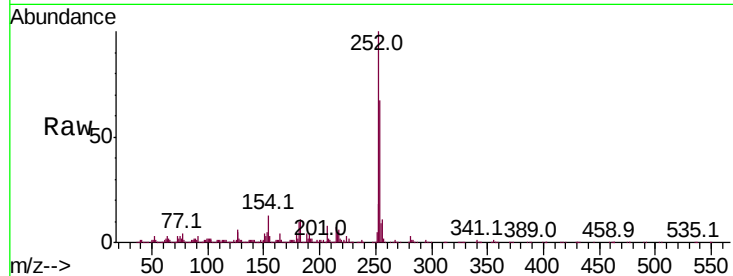
#81
 3,3'-Dichlorobenzidine
 Concen: 28.101 ng
 RT: 21.46 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.1	51.9	77.9
126	4.9	9.8	14.8

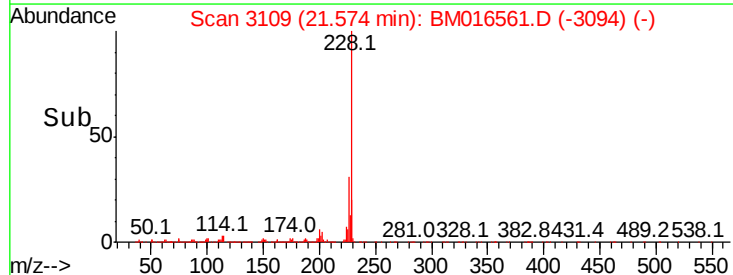
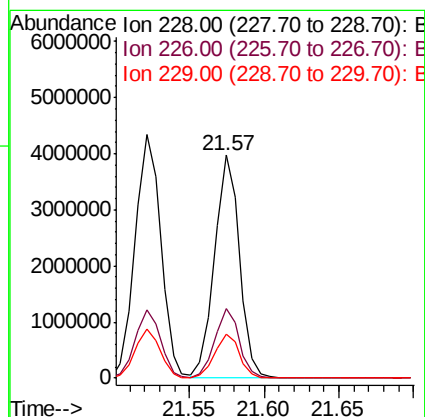
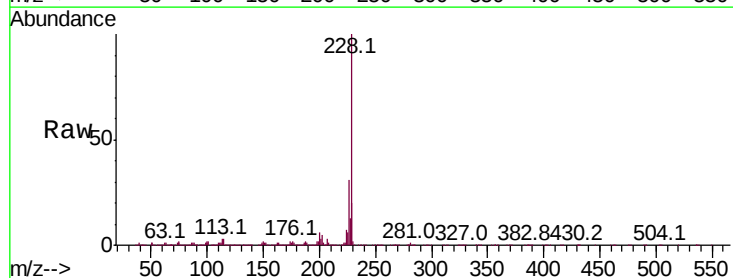
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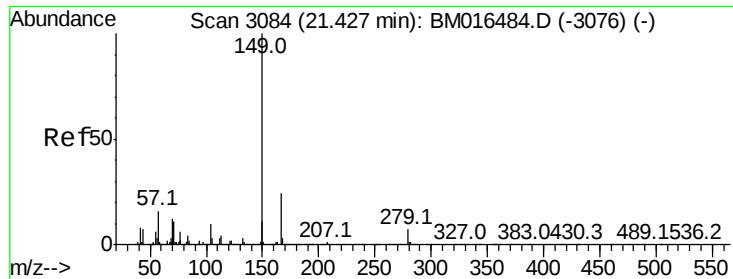
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#82
 Chrysene
 Concen: 41.946 ng
 RT: 21.57 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	19.5	15.5	23.3





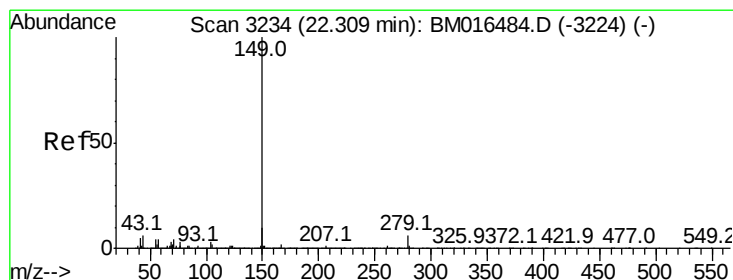
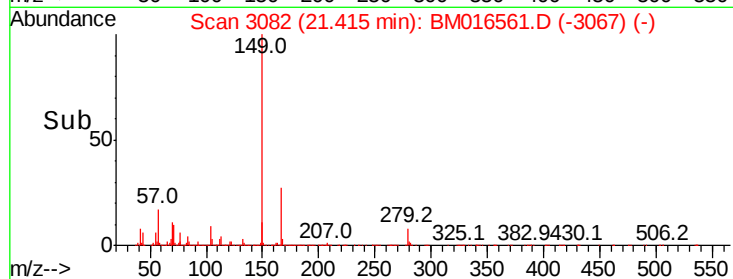
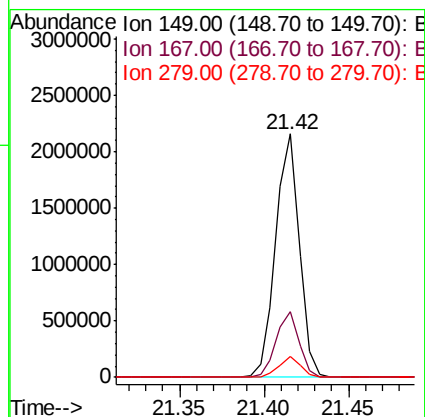
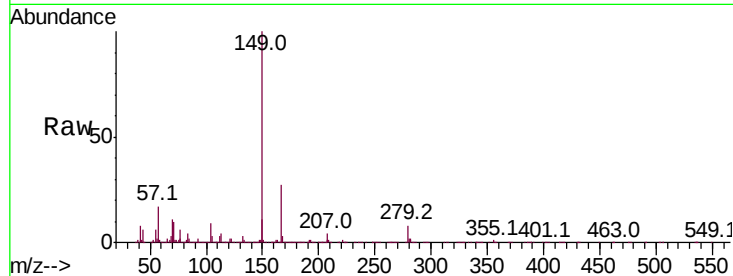
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.081 ng
 RT: 21.42 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Instrument :
 BNA_M
 ClientSampleId :
 PB112325BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.4	33.6
279	8.4	3.4	5.0

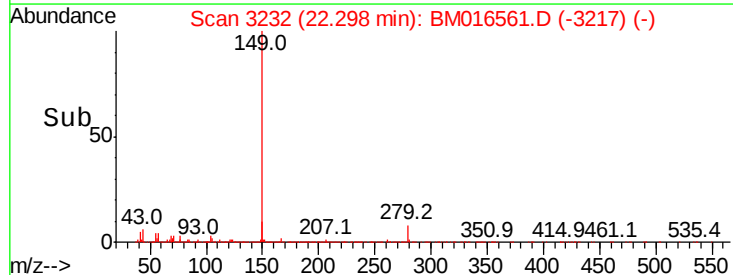
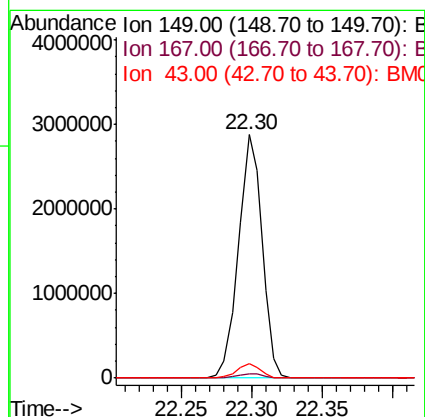
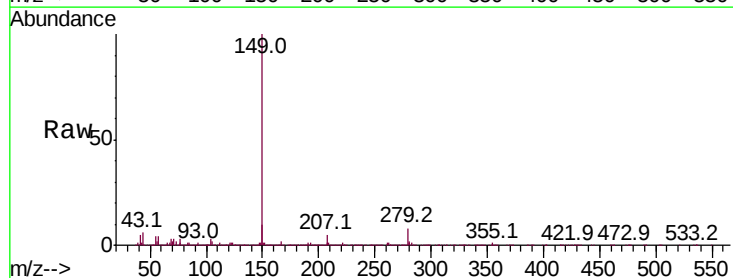
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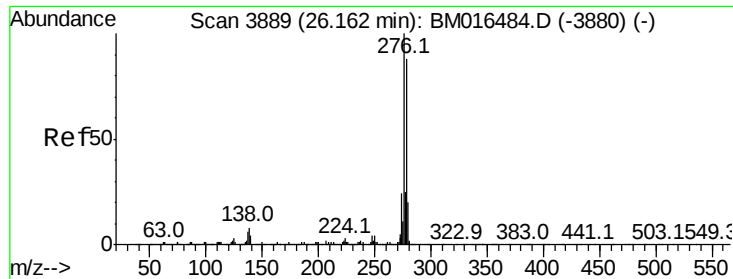
Sohil
 8/24/2018 8:40:53 AM



#84
 Di-n-octyl phthalate
 Concen: 36.595 ng
 RT: 22.30 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BM016561.D
 Acq: 23 Aug 2018 20:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	6.0	7.3	10.9





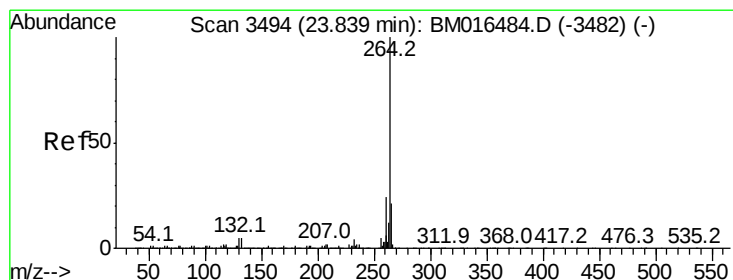
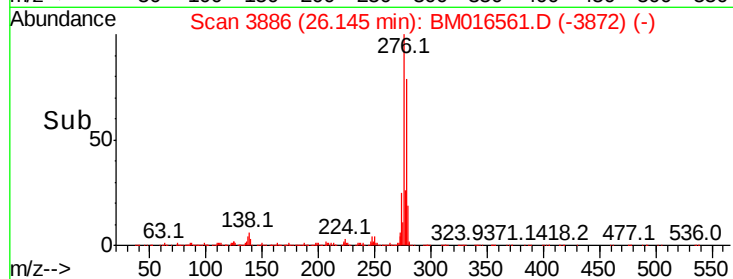
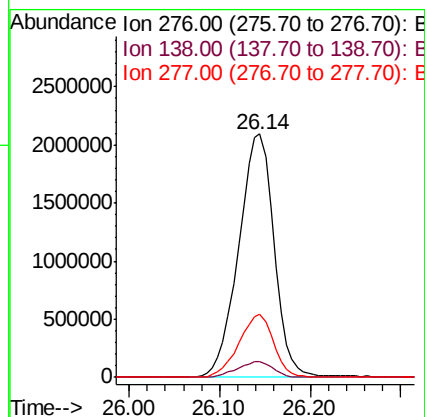
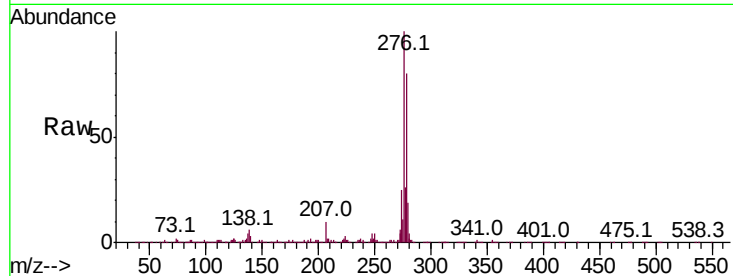
#85
Indeno(1,2,3-cd)pyrene
Concen: 35.710 ng
RT: 26.14 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion:276 Resp: 5675018
Ion Ratio Lower Upper
276 100
138 6.5 12.0 18.0#
277 25.3 20.0 30.0

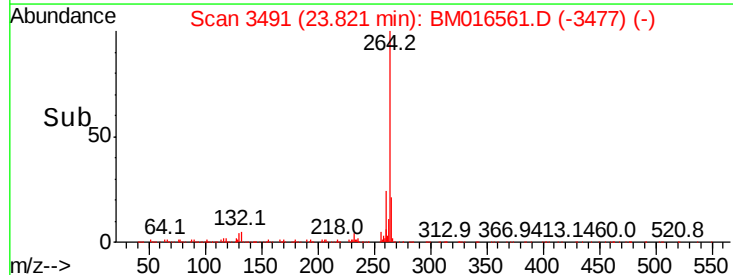
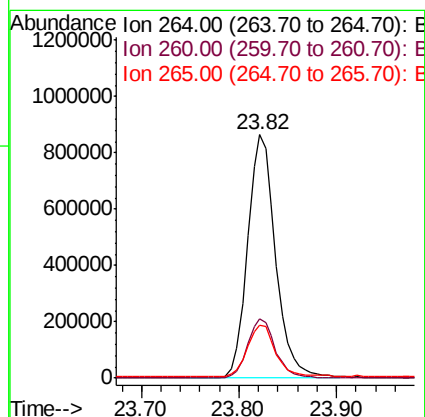
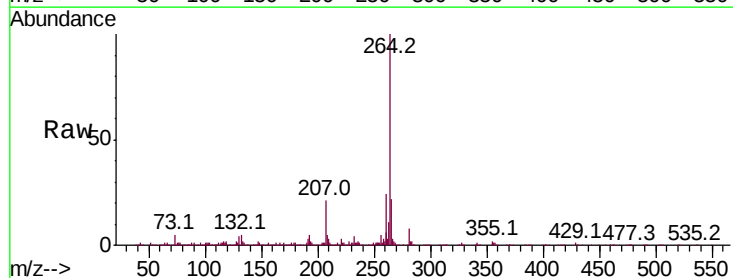
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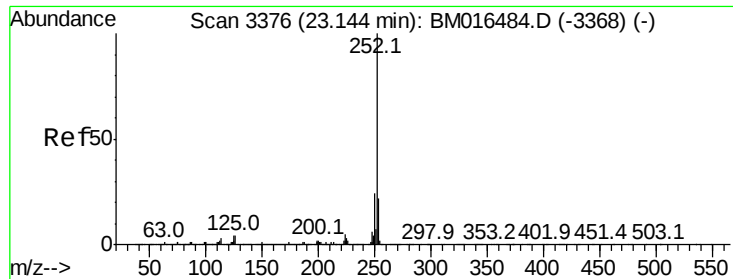
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.82 min Scan# 3491
Delta R.T. -0.02 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion:264 Resp: 1737509
Ion Ratio Lower Upper
264 100
260 24.4 18.6 27.8
265 21.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 51.953 ng

RT: 23.13 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

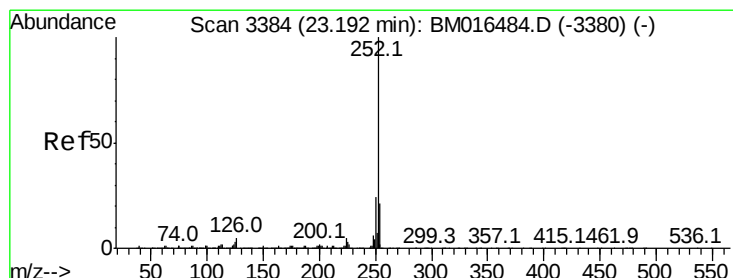
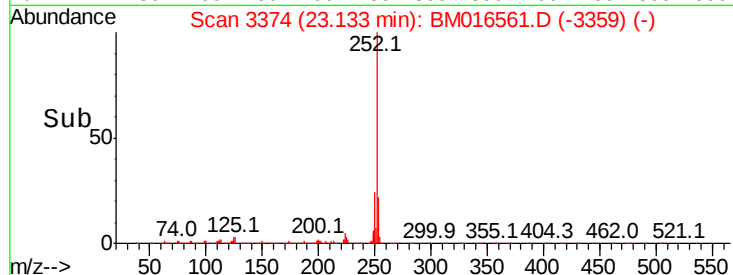
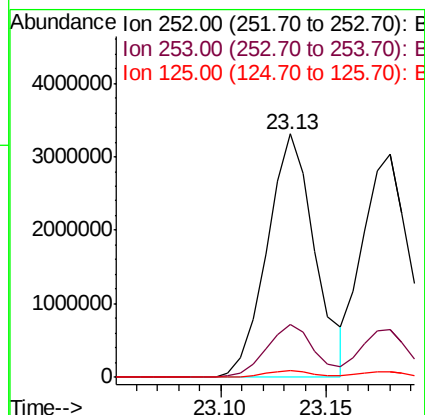
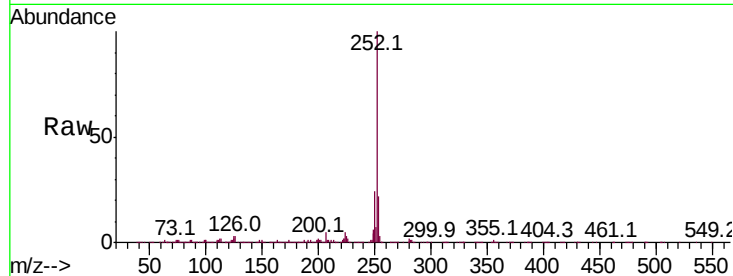
ClientSampleId :

PB112325BS

Tot	Ion:252	Resp: 5203599	
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	2.8	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 47.140 ng

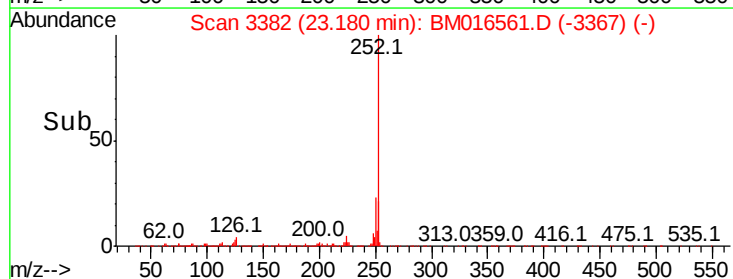
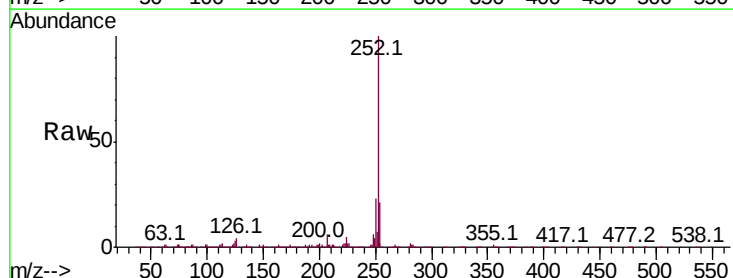
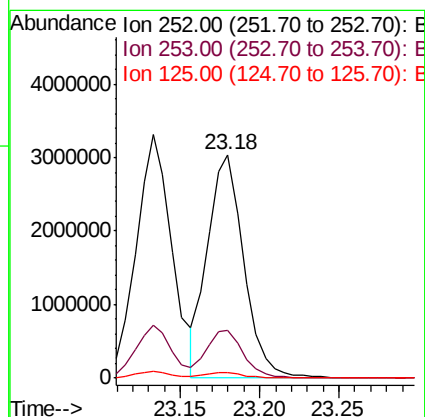
RT: 23.18 min Scan# 3382

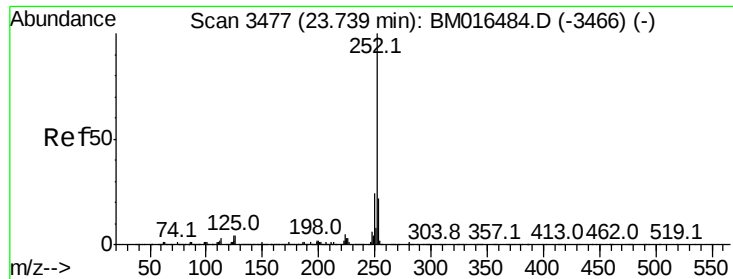
Delta R.T. -0.01 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Tgt	Ion:252	Resp: 4804105	
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	2.6	8.1	12.1#





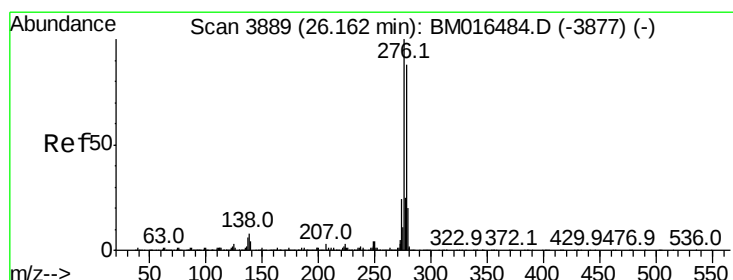
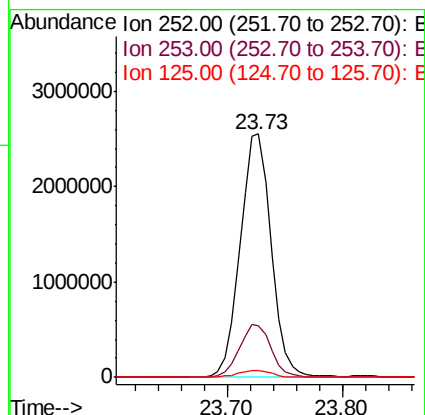
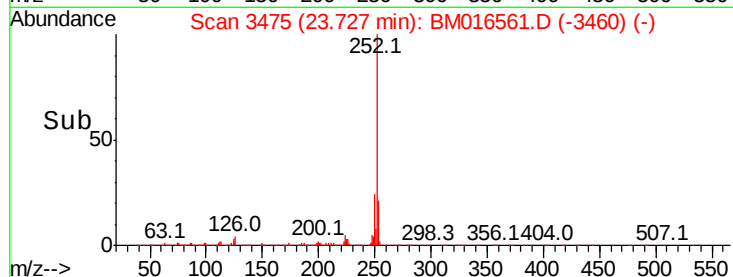
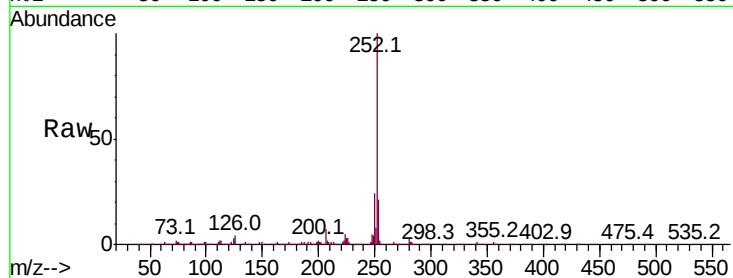
#89
Benzo(a)pyrene
Concen: 48.689 ng
RT: 23.73 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Instrument :
BNA_M
ClientSampleId :
PB112325BS

Tot Ion:252 Resp: 4745047
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 3.0 7.4 11.2#

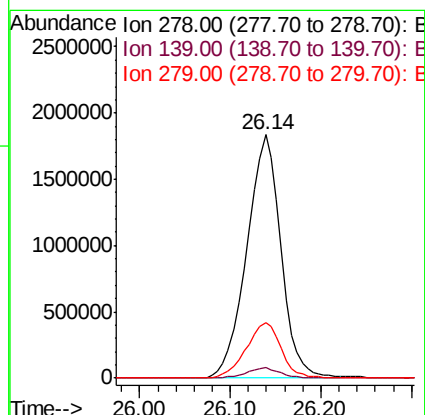
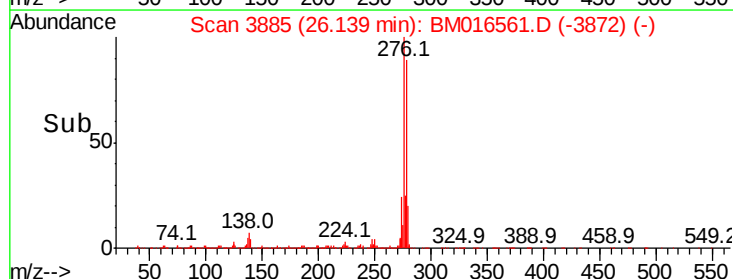
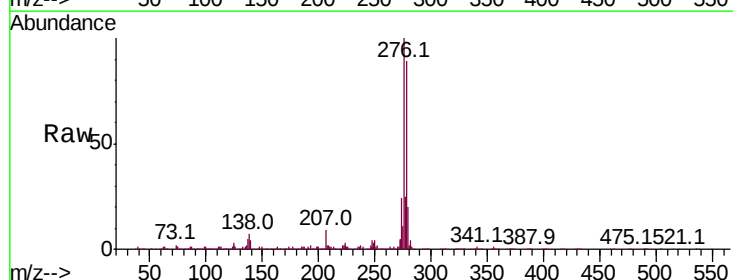
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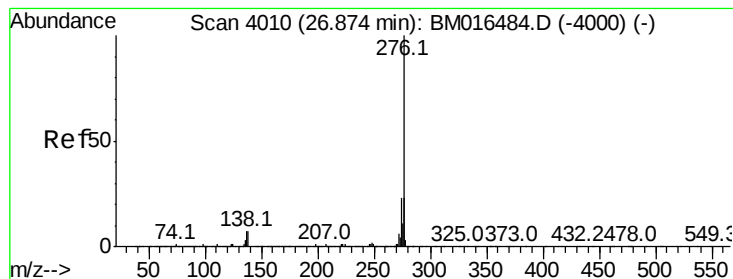
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 43.934 ng
RT: 26.14 min Scan# 3885
Delta R.T. -0.02 min
Lab File: BM016561.D
Acq: 23 Aug 2018 20:46

Tgt Ion:278 Resp: 4798526
Ion Ratio Lower Upper
278 100
139 4.1 13.4 20.0#
279 22.9 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 44.202 ng

RT: 26.85 min Scan# 4006

Delta R.T. -0.02 min

Lab File: BM016561.D

Acq: 23 Aug 2018 20:46

Instrument :

BNA_M

ClientSampleId :

PB112325BS

Tot Ion: 276 Resp: 4333624

Ion Ratio Lower Upper

276 100

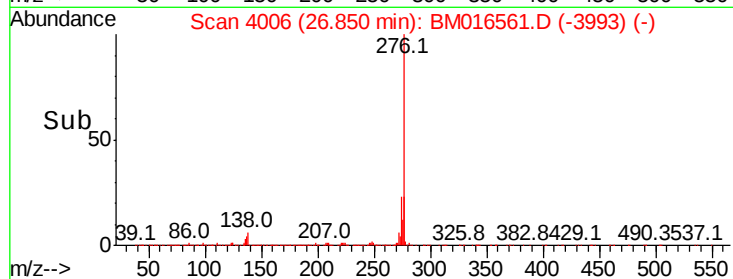
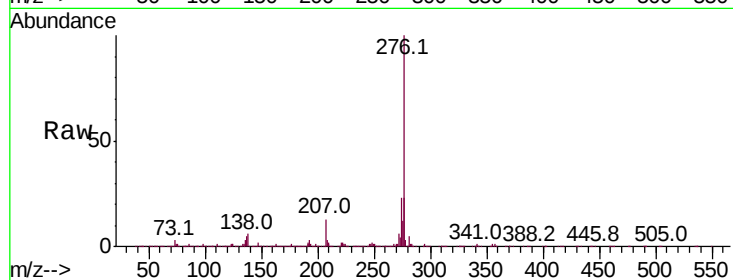
277 23.5 18.5 27.7

138 5.9 19.0 28.6#

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

