

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052318\
 Data File : BM015285.D
 Acq On : 23 May 2018 20:47
 Operator : SJ/JU
 Sample : PB109579BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB109579BS

Manual Integrations
 APPROVED

Sohil
 5/24/2018 11:02:49 AM

Quant Time: May 24 03:11:52 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	285858	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	1096280	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	541966	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	1001071	20.00	ng	0.00
75) Chrysene-d12	21.83	240	798358	20.00	ng	0.00
86) Perylene-d12	24.27	264	720078	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.89	112	1675603	95.90	ng	0.00
7) Phenol-d6	7.55	99	2129346	93.59	ng	0.00
23) Nitrobenzene-d5	9.59	82	2082572	104.06	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	665103	97.87	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	4397189	100.86	ng	0.00
78) Terphenyl-d14	20.29	244	4523550	125.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	256109	35.480	ng	# 100
3) Pyridine	4.07	79	743803	40.225	ng	# 88
4) n-Nitrosodimethylamine	3.98	42	476249	47.601	ng	# 65
6) Aniline	7.72	93	935874	33.384	ng	95
8) 2-Chlorophenol	7.96	128	938272	47.583	ng	98
9) Benzaldehyde	7.53	77	322406	22.403	ng	95
10) Phenol	7.57	94	1082794	46.865	ng	80
11) bis(2-Chloroethyl)ether	7.81	93	838780	45.768	ng	89
12) 1,3-Dichlorobenzene	8.29	146	993106	44.174	ng	# 95
13) 1,4-Dichlorobenzene	8.44	146	1012906	44.559	ng	97
14) 1,2-Dichlorobenzene	8.76	146	966288	44.786	ng	96
15) Benzyl Alcohol	8.65	79	789514	47.987	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.93	45	1359808	47.031	ng	96
17) 2-Methylphenol	8.85	107	733553	47.760	ng	# 93
18) Hexachloroethane	9.50	117	377852	46.807	ng	92
19) n-Nitroso-di-n-propylamine	9.22	70	689256	47.531	ng	# 87
20) 3+4-Methylphenols	9.18	107	965140	47.324	ng	95
22) Acetophenone	9.25	105	1277809	48.588	ng	94
24) Nitrobenzene	9.63	77	1021051	49.000	ng	95
25) Isophorone	10.16	82	1735049	50.476	ng	96
26) 2-Nitrophenol	10.35	139	468408	50.101	ng	# 77
27) 2,4-Dimethylphenol	10.39	122	845549	49.867	ng	90
28) bis(2-Chloroethoxy)methane	10.63	93	1117366	49.643	ng	98
29) 2,4-Dichlorophenol	10.88	162	814777	50.744	ng	96
30) 1,2,4-Trichlorobenzene	11.10	180	913154	48.272	ng	98
31) Naphthalene	11.29	128	2734628	47.992	ng	99
32) Benzoic acid	10.56	122	483477	49.289	ng	96
33) 4-Chloroaniline	11.40	127	515190	22.656	ng	# 91
34) Hexachlorobutadiene	11.56	225	560364	49.813	ng	97
35) Caprolactam	12.19	113	208095m	45.791	ng	
36) 4-Chloro-3-methylphenol	12.49	107	821043	50.054	ng	91
37) 2-Methylnaphthalene	12.87	142	1946944	49.305	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	966992	50.654	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	1364540	107.432	ng	98

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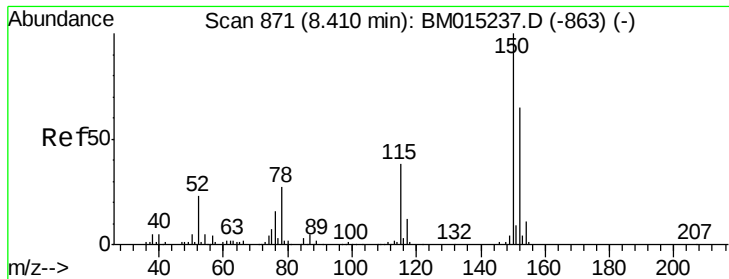
Manual Integrations
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 5/24/2018 11:02:49 AM

Quant Time: May 24 03:11:52 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	604817	52.721	nq	99
43) 2,4,5-Trichlorophenol	13.54	196	637171	51.439	nq	# 90
45) 1,1'-Biphenyl	13.86	154	2378522	50.159	nq	98
46) 2-Chloronaphthalene	13.91	162	1828532	50.104	nq	95
47) 2-Nitroaniline	14.11	65	521608	50.168	nq	89
48) Acenaphthylene	14.75	152	2775385	51.198	nq	99
49) Dimethylphthalate	14.46	163	2102282	48.604	nq	99
50) 2,6-Dinitrotoluene	14.59	165	456991	50.644	nq	93
51) Acenaphthene	15.08	154	1668295	49.404	nq	100
52) 3-Nitroaniline	14.92	138	266909	28.090	nq	# 80
53) 2,4-Dinitrophenol	15.13	184	481494	88.544	nq	91
54) Dibenzofuran	15.41	168	2566580	48.206	nq	93
55) 4-Nitrophenol	15.22	139	730366	94.770	nq	# 52
56) 2,4-Dinitrotoluene	15.37	165	595288	48.176	nq	# 77
57) Fluorene	16.05	166	2043258	48.562	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.63	232	528406	49.745	nq	# 100
59) Diethylphthalate	15.80	149	2070606	48.564	nq	97
60) 4-Chlorophenyl-phenylether	16.03	204	1051280	49.053	nq	95
61) 4-Nitroaniline	16.07	138	431104	43.396	nq	# 67
62) Azobenzene	16.33	77	2111626	52.134	nq	91
64) 4,6-Dinitro-2-methylphenol	16.13	198	288836	52.274	nq	94
65) n-Nitrosodiphenylamine	16.25	169	1724038	53.598	nq	100
66) 4-Bromophenyl-phenylether	16.92	248	618174	55.271	nq	# 91
67) Hexachlorobenzene	17.04	284	673027	52.254	nq	# 89
68) Atrazine	17.17	200	546916	53.601	nq	97
69) Pentachlorophenol	17.38	266	751240	104.780	nq	98
70) Phenanthrene	17.78	178	2836640	49.749	nq	100
71) Anthracene	17.87	178	2883293	50.728	nq	99
72) Carbazole	18.13	167	2428611	48.265	nq	100
73) Di-n-butylphthalate	18.65	149	3083284	52.044	nq	99
74) Fluoranthene	19.75	202	2867536	45.854	nq	97
76) Benzidine	19.92	184	1121229	44.862	nq	99
77) Pyrene	20.10	202	2854138	56.644	nq	100
79) Butylbenzylphthalate	20.95	149	1177287	57.223	nq	90
80) Benzo(a)anthracene	21.82	228	2533422	50.357	nq	99
81) 3,3'-Dichlorobenzidine	21.73	252	562366	30.188	nq	100
82) Chrysene	21.87	228	2362770	49.866	nq	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1681697	56.197	nq	98
84) Di-n-octyl phthalate	22.63	149	2669791	51.009	nq	# 95
85) Indeno(1,2,3-cd)pyrene	26.79	276	2458823	42.893	nq	# 90
87) Benzo(b)fluoranthene	23.53	252	2376416	52.159	nq	98
88) Benzo(k)fluoranthene	23.57	252	2230007	51.744	nq	99
89) Benzo(a)pyrene	24.16	252	2185217	51.420	nq	98
90) Dibenzo(a,h)anthracene	26.80	278	2102972	48.505	nq	99
91) Benzo(g,h,i)perylene	27.57	276	2027438	48.012	nq	97

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



#1

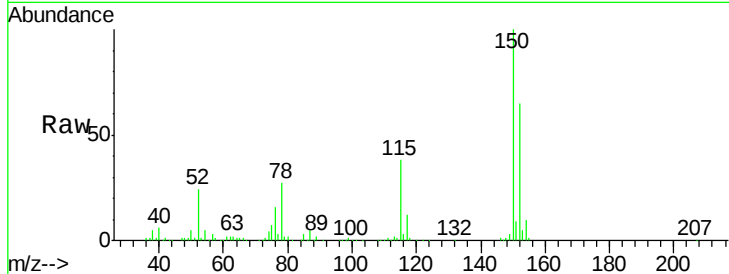
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

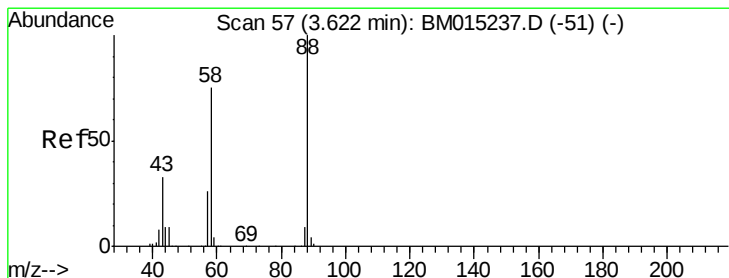
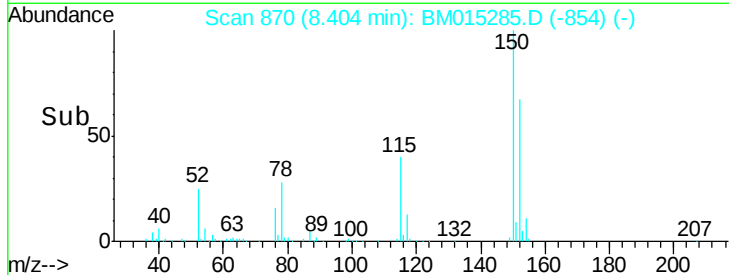
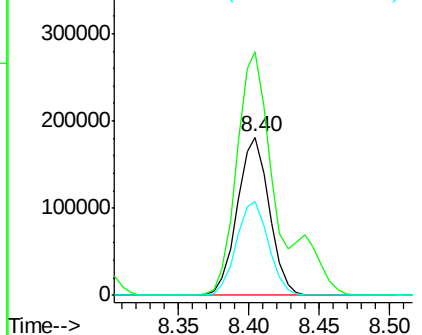
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.5	179.3
115	58.9	43.0	64.4

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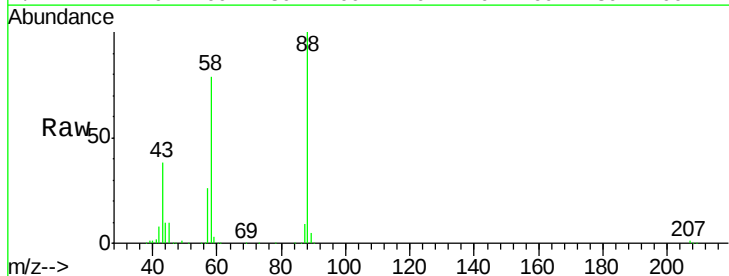
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



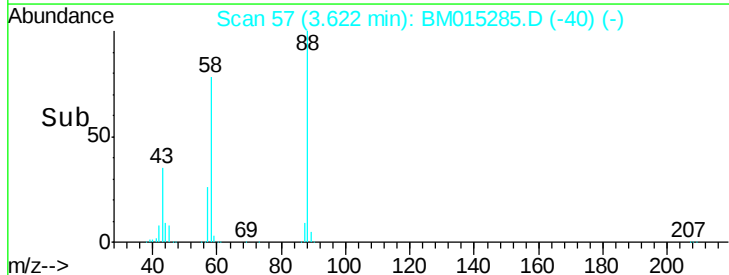
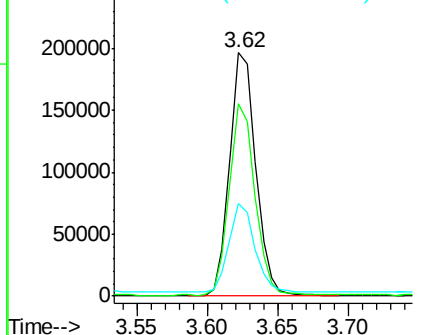
#2

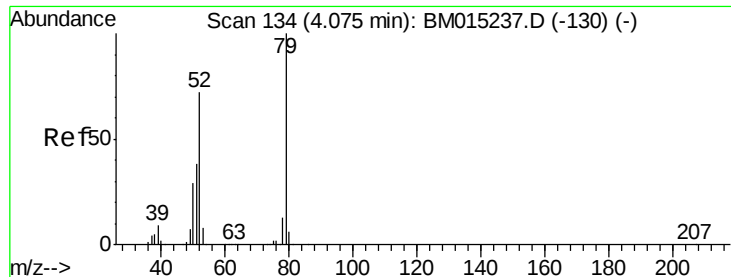
1,4-Dioxane
Concen: 35.480 ng
RT: 3.62 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.3	0.0	0.0#
43	35.3	0.0	0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 40.225 ng

RT: 4.07 min Scan# 133

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

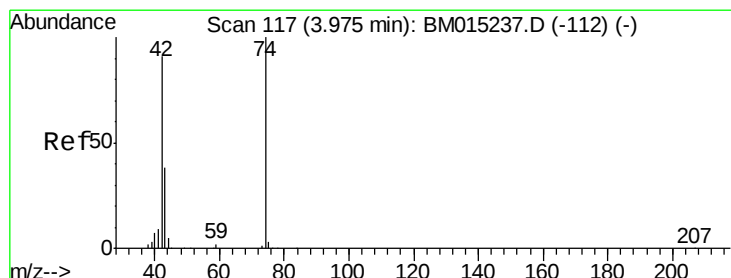
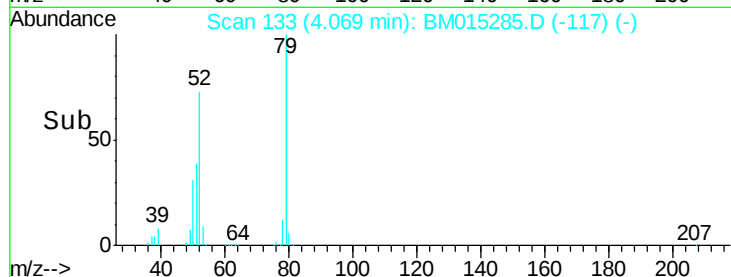
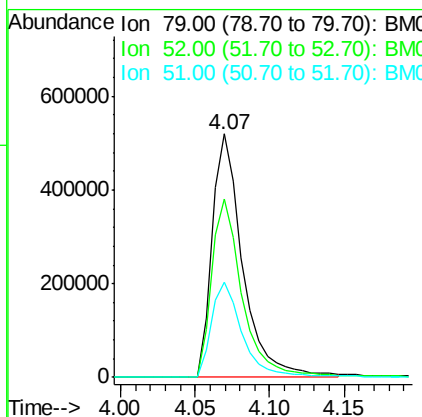
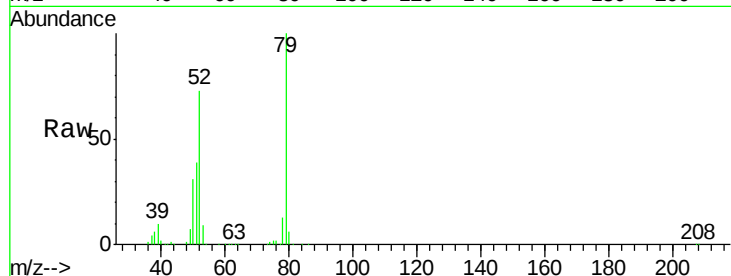
ClientSampleId :

PB109579BS

Tot Ion:	79	Resp:	743803
Ion Ratio	Lower	Upper	
79	100		
52	73.3	51.1	76.7
51	39.3	26.1	39.1#

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#4

n-Nitrosodimethylamine

Concen: 47.601 ng

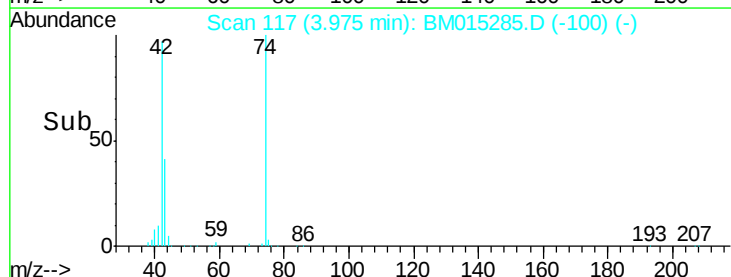
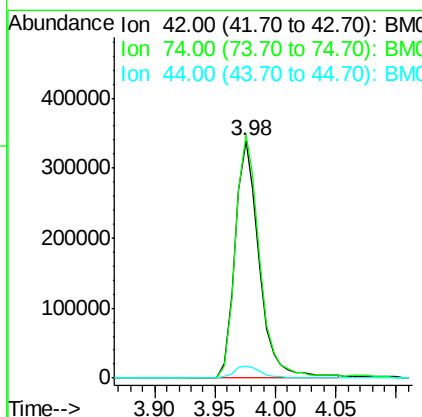
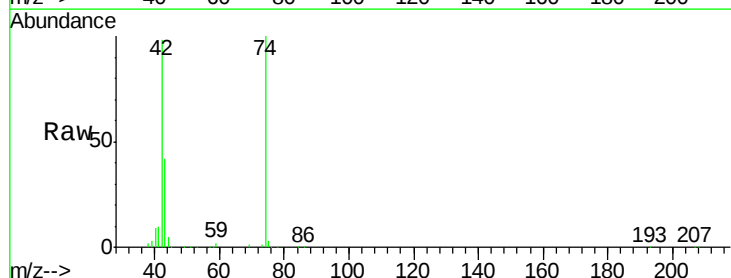
RT: 3.98 min Scan# 117

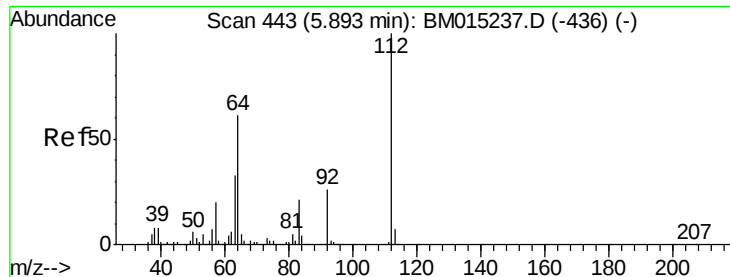
Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tgt Ion:	42	Resp:	476249
Ion Ratio	Lower	Upper	
42	100		
74	102.5	119.3	178.9#
44	5.3	5.4	8.2#





#5

2-Fluorophenol

Concen: 95.901 ng

RT: 5.89 min Scan# 443

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

ClientSampled :

PB109579BS

Tot Ion: 112 Resp: 1675603

Ion Ratio Lower Upper

112 100

64 61.1 38.6 57.8#

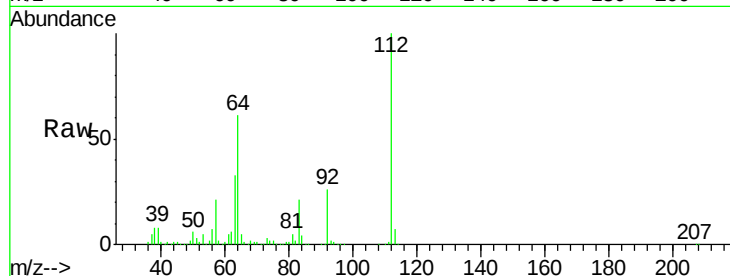
63 33.3 19.3 28.9#

Manual Integrations

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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B

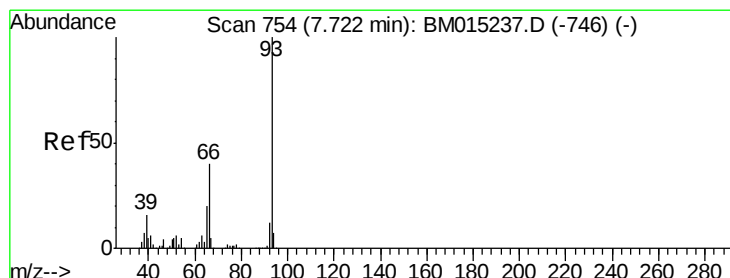
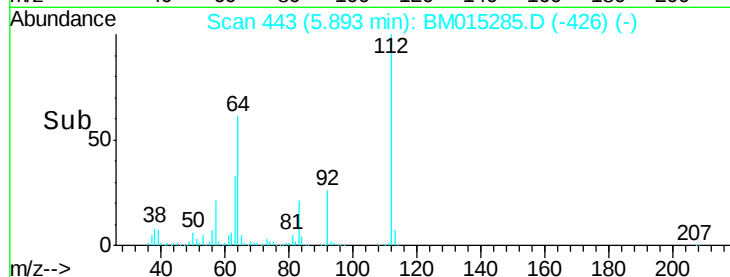
1500000

1000000

500000

0

Time-->



#6

Aniline

Concen: 33.384 ng

RT: 7.72 min Scan# 753

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

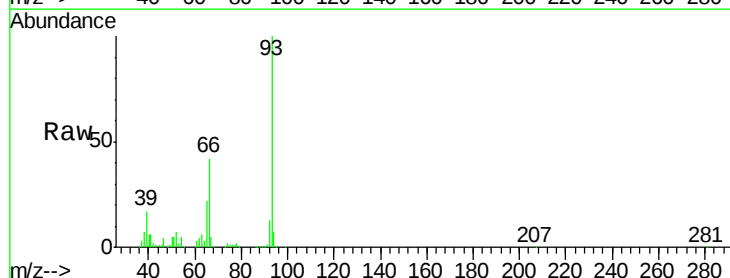
Tgt Ion: 93 Resp: 935874

Ion Ratio Lower Upper

93 100

66 42.5 30.8 46.2

65 21.5 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B

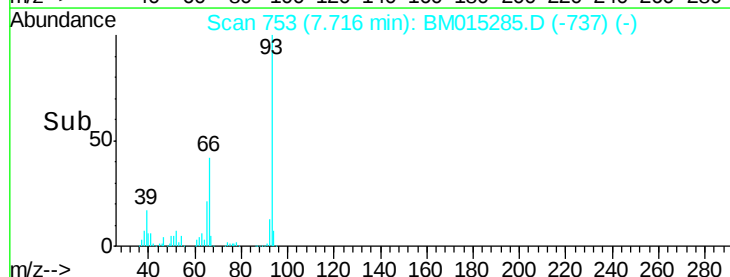
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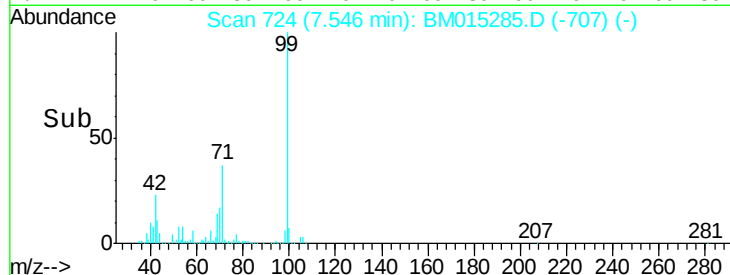
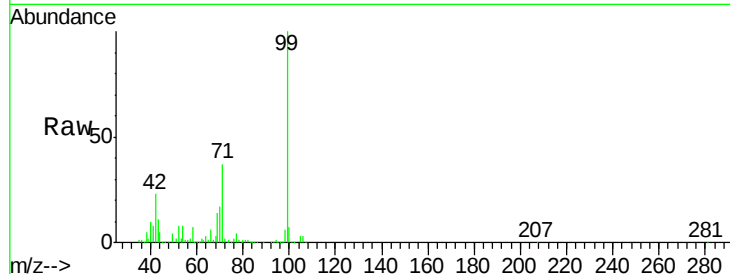
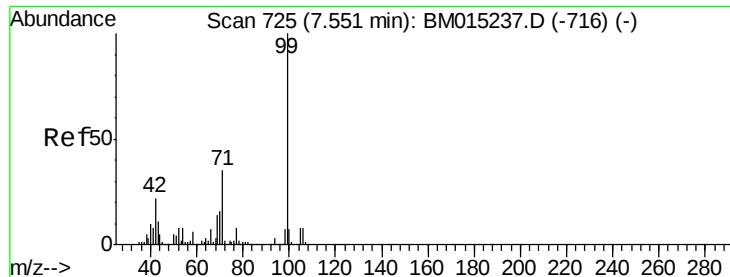
400000

200000

0

Time-->





#7

Phenol-d6

Concen: 93.589 ng

RT: 7.55 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tot Ion: 99 Resp: 2129346

Ion Ratio Lower Upper

99 100

42 23.0 11.0 16.4#

71 36.7 23.4 35.2#

Instrument :

BNA_M

ClientSampleId :

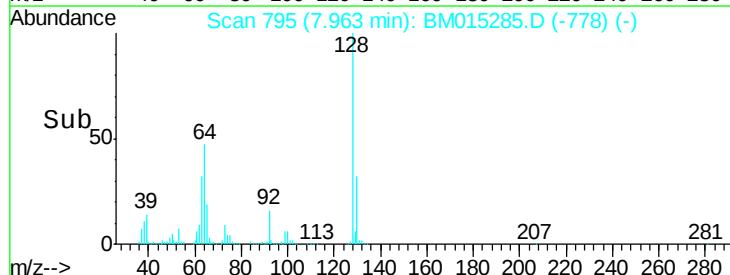
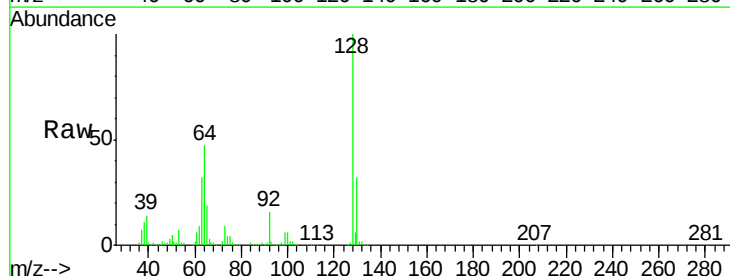
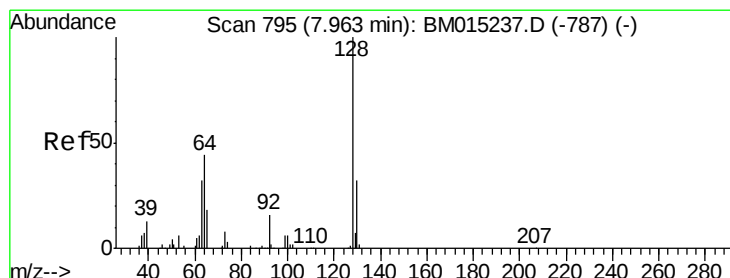
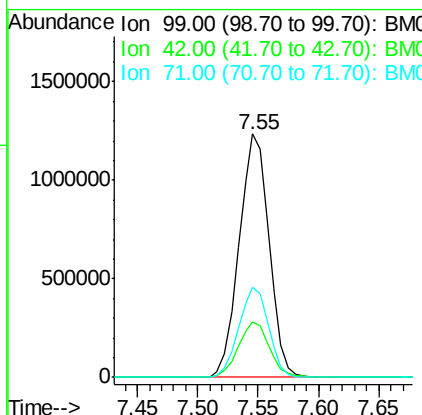
PB109579BS

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#8

2-Chlorophenol

Concen: 47.583 ng

RT: 7.96 min Scan# 795

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

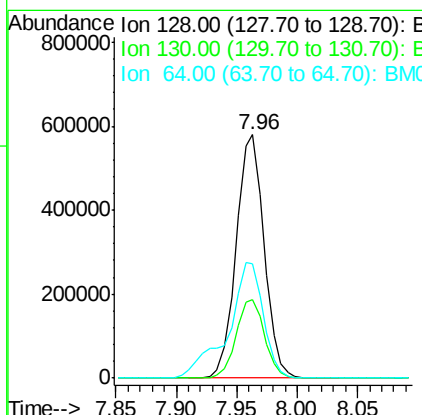
Tgt Ion: 128 Resp: 938272

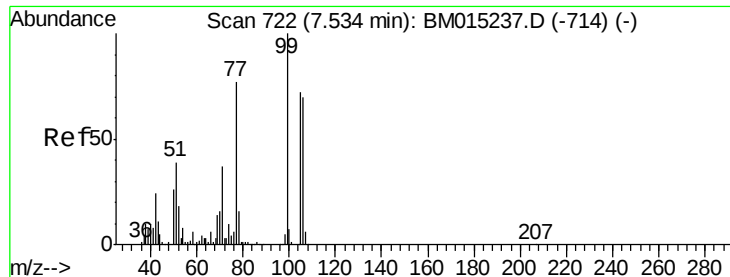
Ion Ratio Lower Upper

128 100

130 32.1 12.0 52.0

64 46.8 24.9 64.9





#9

Benzaldehyde

Concen: 22.403 ng

RT: 7.53 min Scan# 721

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

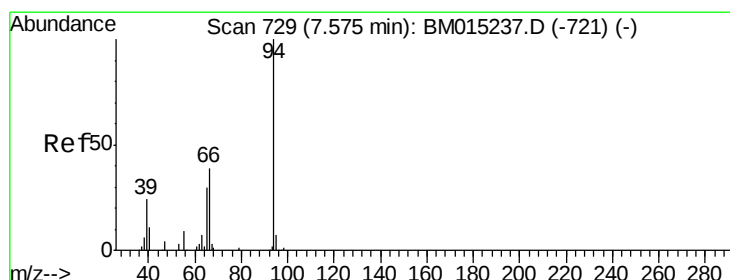
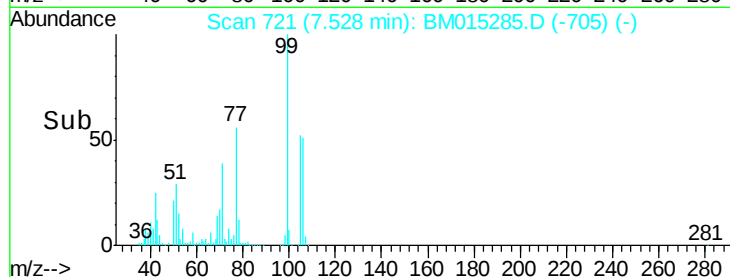
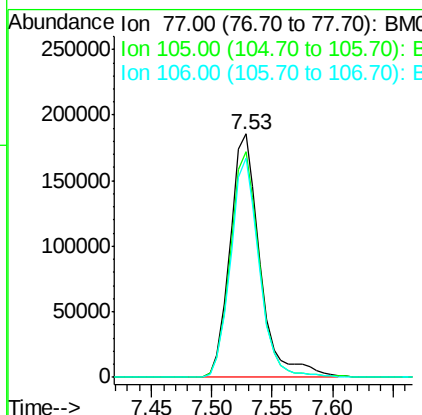
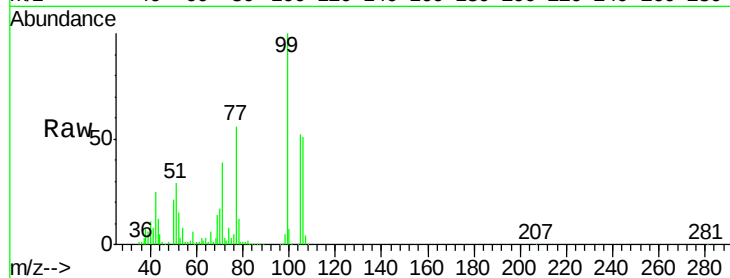
ClientSampled :

PB109579BS

Tot Ion:	77	Resp:	322406
Ion	Ratio	Lower	Upper
77	100		
105	92.7	78.8	118.8
106	90.0	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 46.865 ng

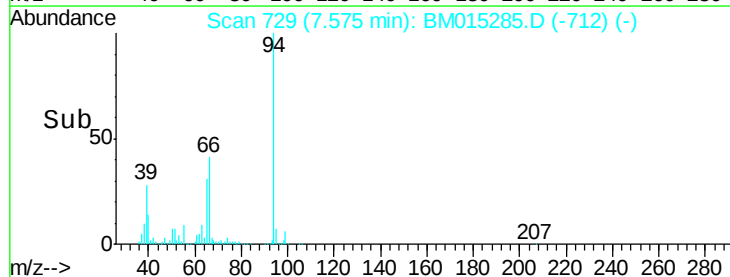
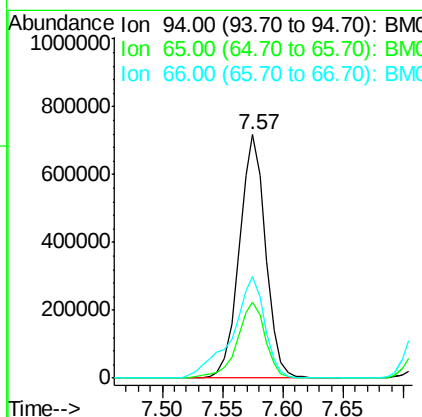
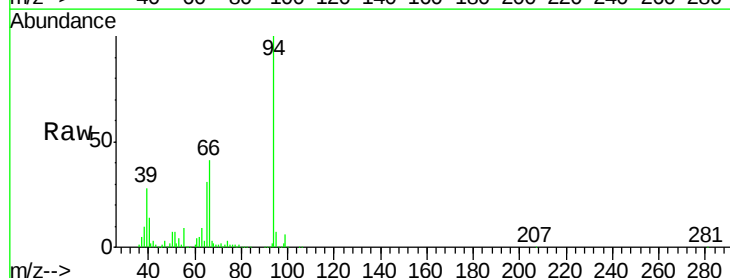
RT: 7.57 min Scan# 729

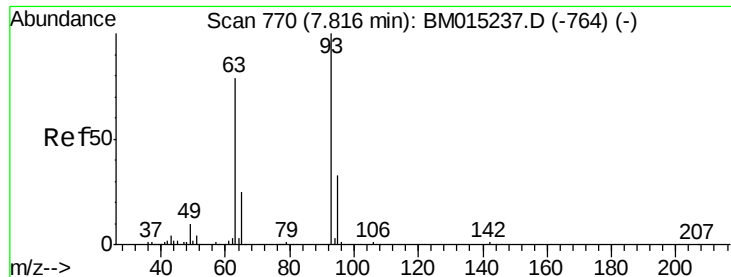
Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tgt Ion:	94	Resp:	1082794
Ion	Ratio	Lower	Upper
94	100		
65	30.9	18.8	58.8
66	41.5	39.9	79.9





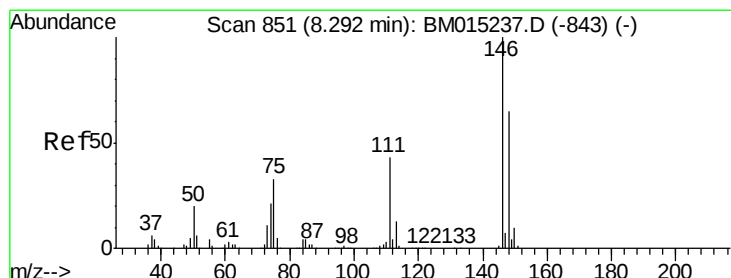
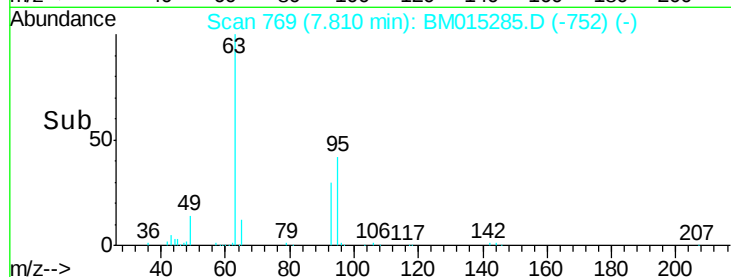
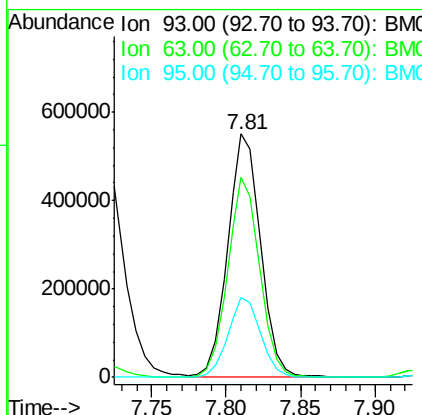
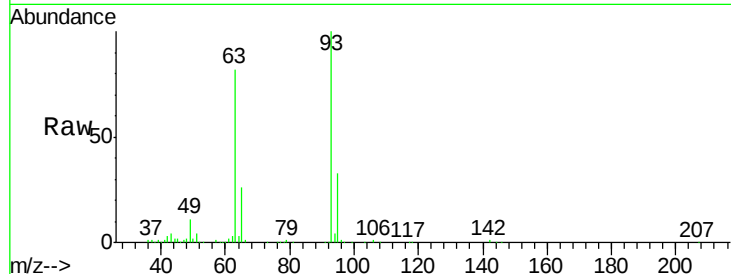
#11
bis(2-Chloroethyl)ether
Concen: 45.768 ng
RT: 7.81 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion:	93	Resp:	838780
Ion Ratio	Lower	Upper	
93	100		
63	82.2	49.5	89.5
95	32.8	13.5	53.5

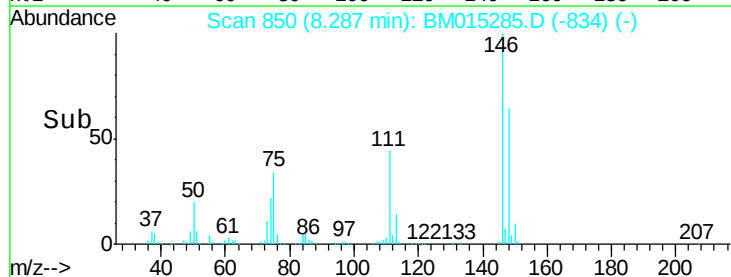
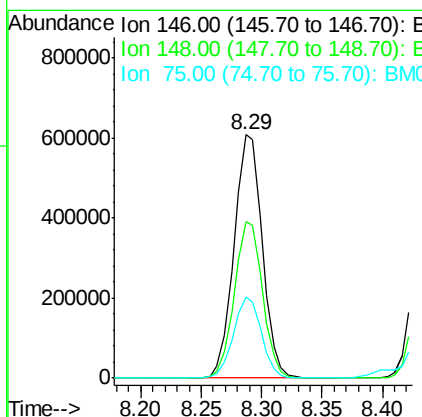
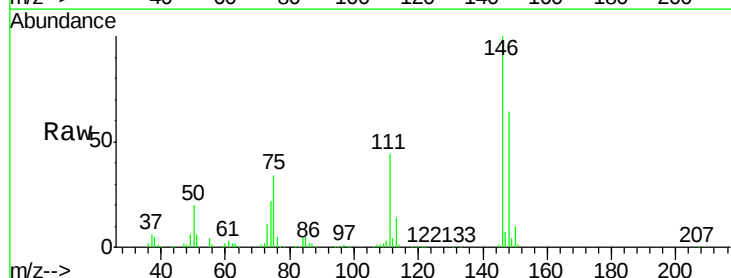
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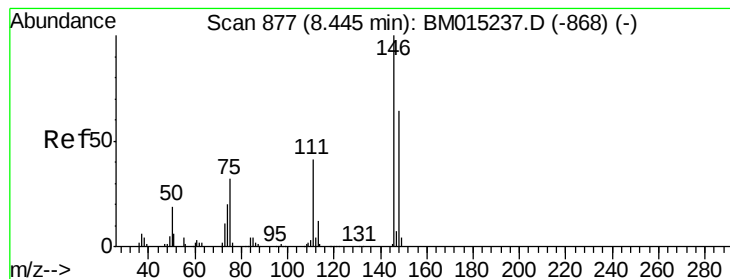
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#12
1,3-Dichlorobenzene
Concen: 44.174 ng
RT: 8.29 min Scan# 850
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion:	146	Resp:	993106
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.9	76.3
75	33.5	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 44.559 ng

RT: 8.44 min Scan# 876

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

ClientSampleId :

PB109579BS

Tot Ion:146 Resp: 1012906

Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

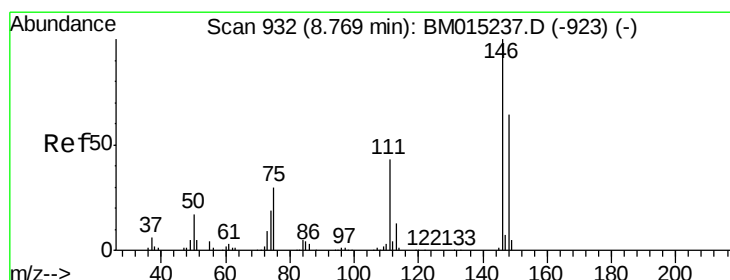
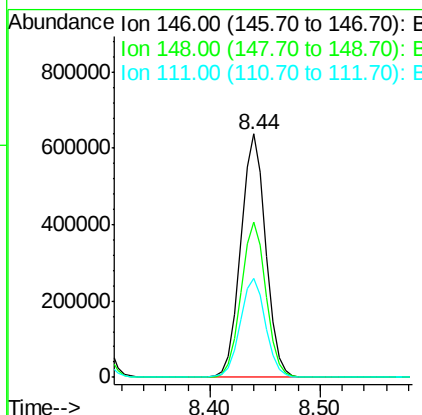
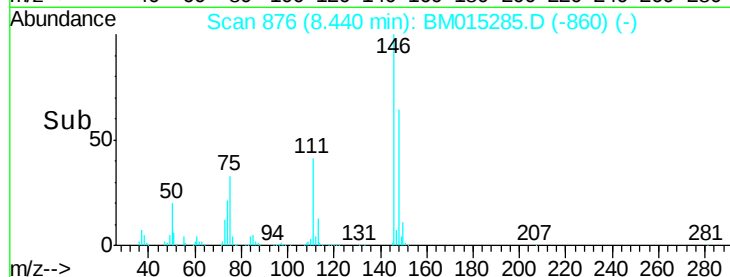
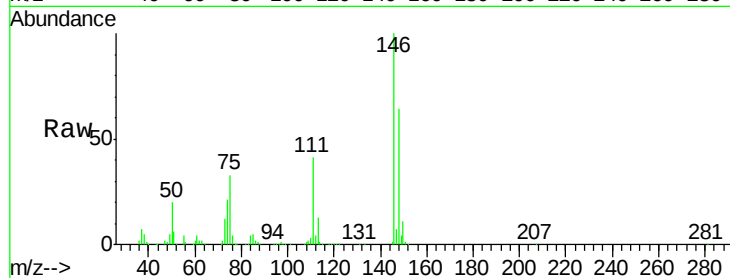
111 40.8 29.2 43.8

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#14

1,2-Dichlorobenzene

Concen: 44.786 ng

RT: 8.76 min Scan# 931

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

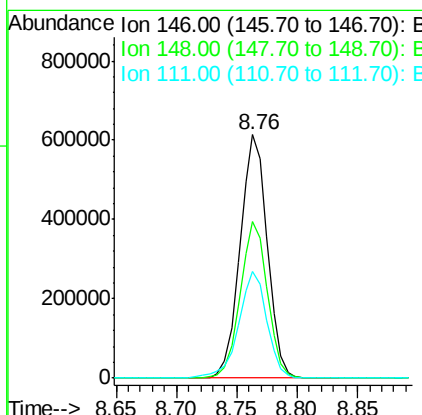
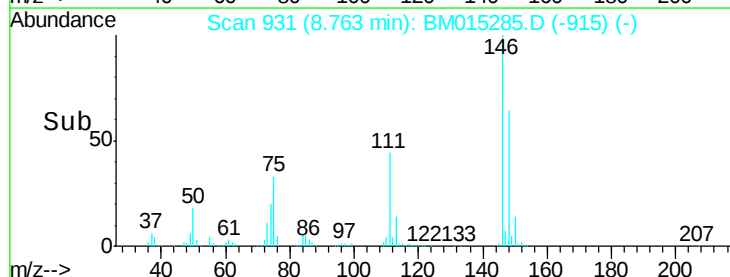
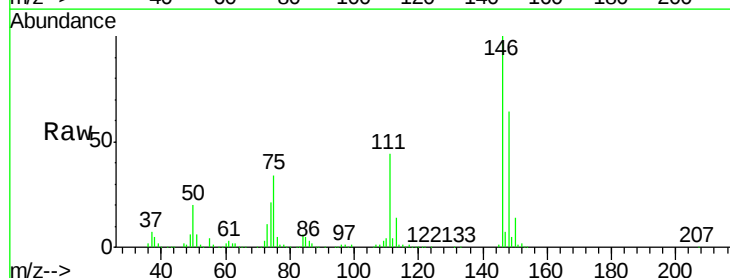
Tgt Ion:146 Resp: 966288

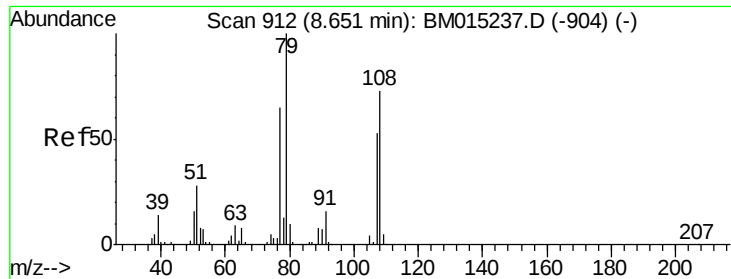
Ion Ratio Lower Upper

146 100

148 64.4 52.3 78.5

111 43.6 30.6 45.8





#15

Benzyl Alcohol

Concen: 47.987 ng

RT: 8.65 min Scan# 912

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

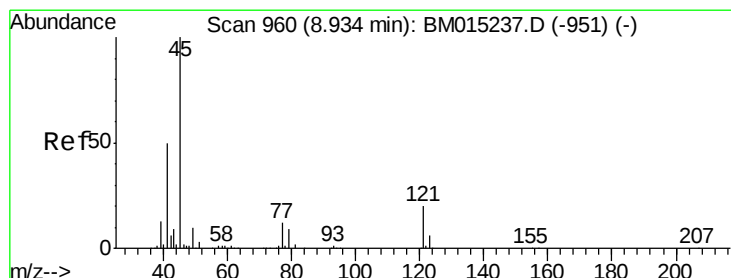
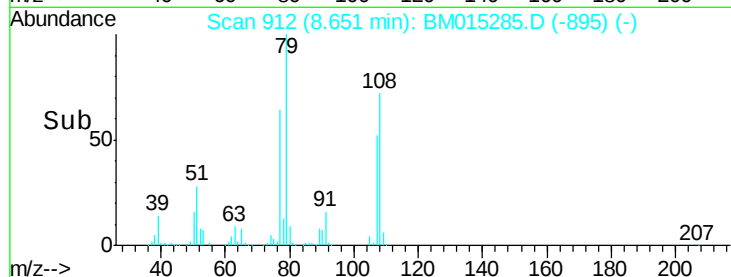
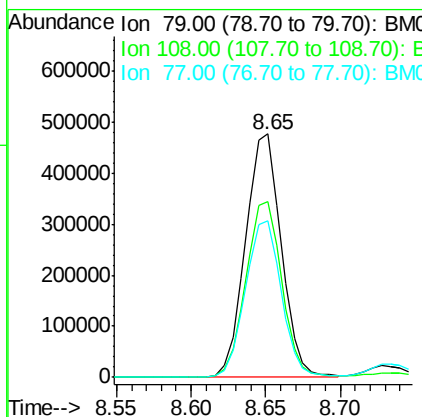
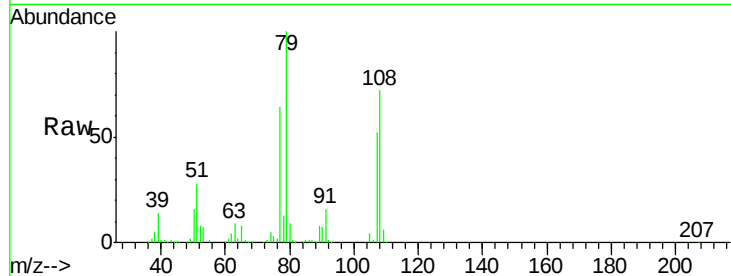
ClientSampleId :

PB109579BS

Tot Ion	79	Resp	789514
Ion Ratio	Lower	Upper	
79	100		
108	72.2	65.0	97.4
77	64.1	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 47.031 ng

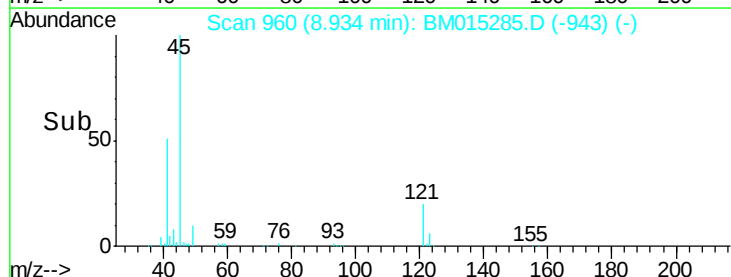
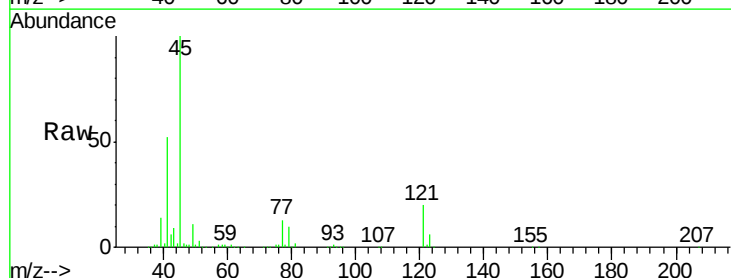
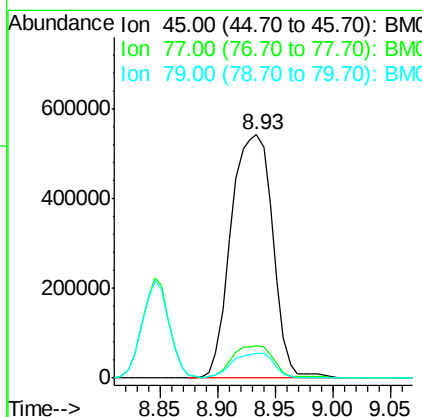
RT: 8.93 min Scan# 960

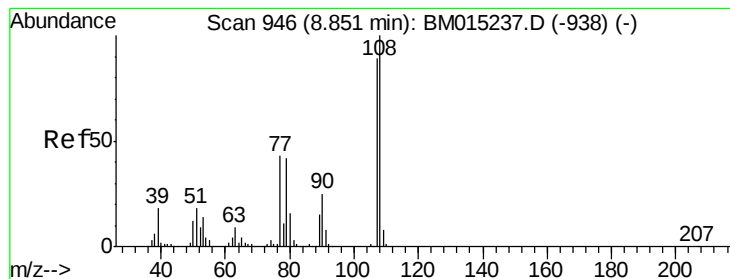
Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tgt Ion	45	Resp	1359808
Ion Ratio	Lower	Upper	
45	100		
77	13.4	0.0	35.2
79	10.2	0.0	32.0





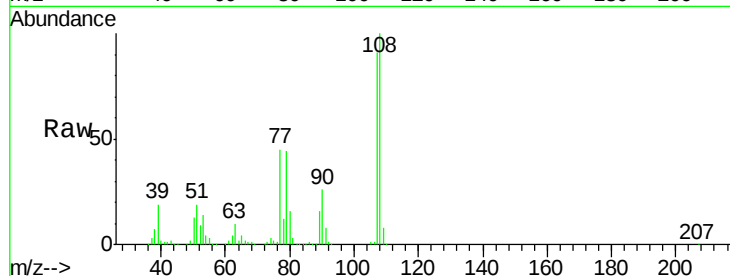
#17
2-Methylphenol
Concen: 47.760 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

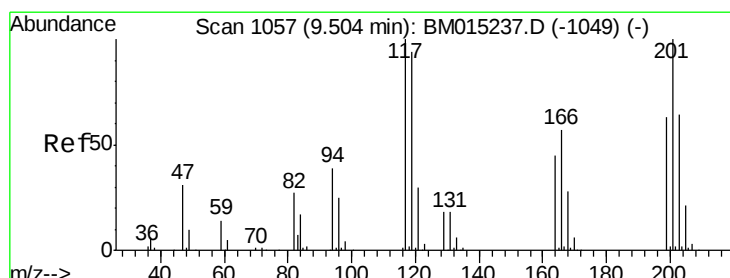
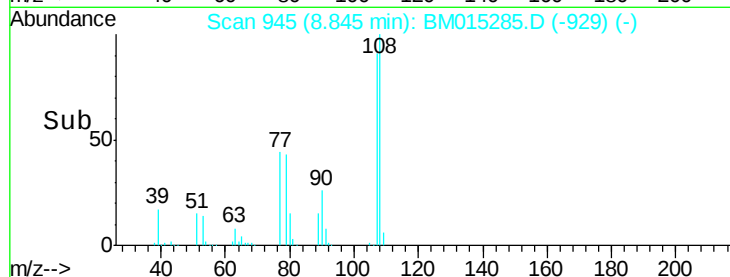
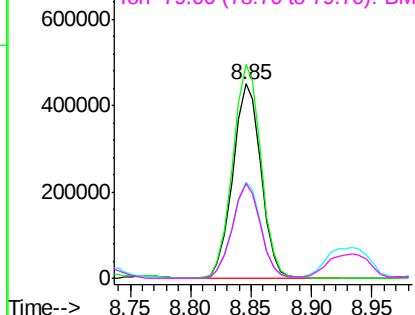
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.0	89.8	134.8	
77	49.6	32.6	48.8	
79	48.5	32.8	49.2	

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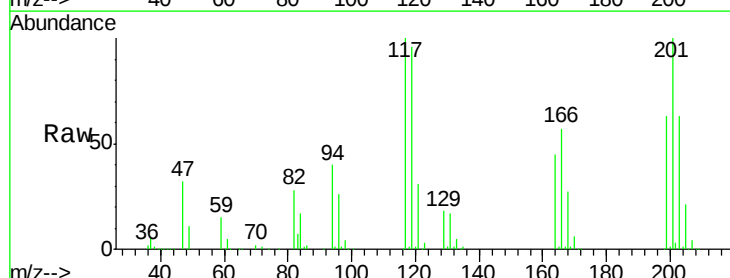


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

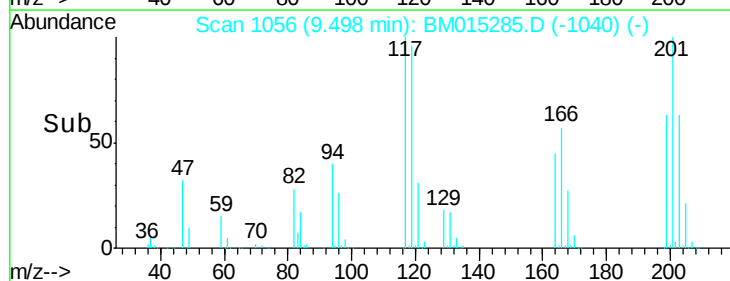
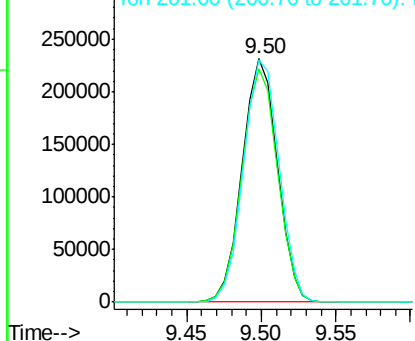


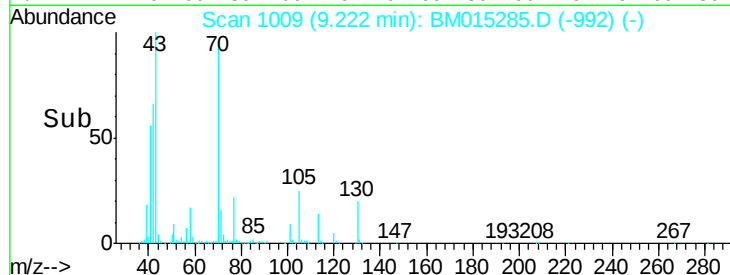
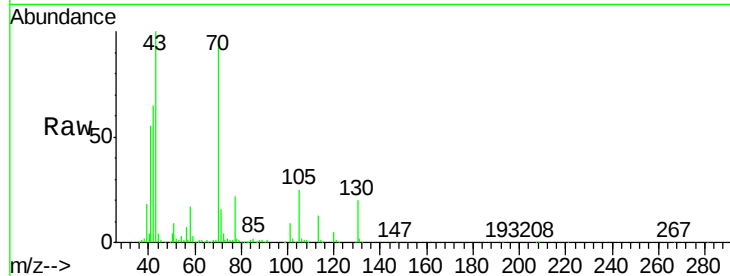
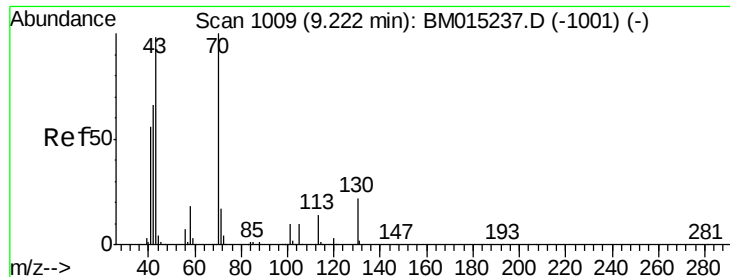
#18
Hexachloroethane
Concen: 46.807 ng
RT: 9.50 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	79.2	118.8	
201	99.5	69.8	104.6	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





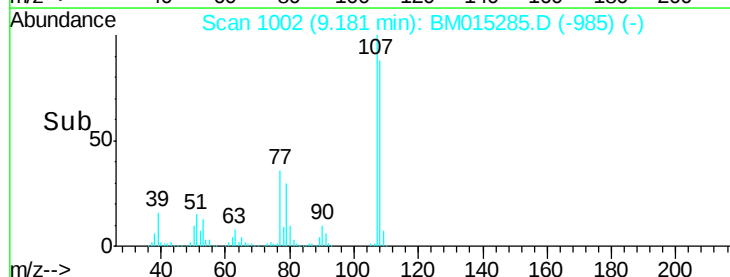
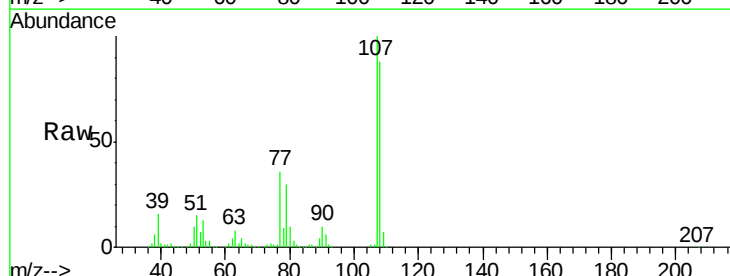
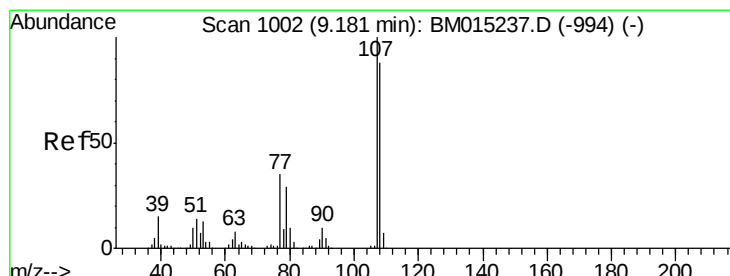
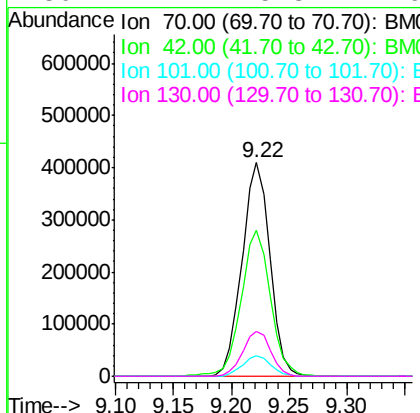
#19
n-Nitroso-di-n-propylamine
Concen: 47.531 ng
RT: 9.22 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.2	44.5	66.7#
101	9.4	7.4	11.2
130	21.2	15.3	22.9

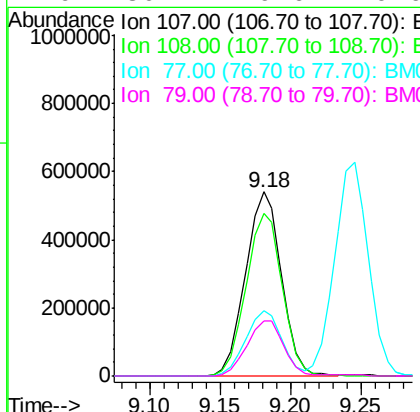
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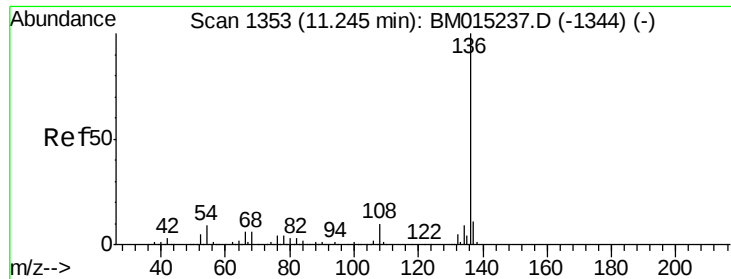
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#20
3+4-Methylphenols
Concen: 47.324 ng
RT: 9.18 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	73.2	113.2
77	35.6	10.7	50.7
79	30.1	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.24 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

ClientSampleId :

PB109579BS

Tot Ion:136 Resp: 1096280

Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.5 4.6 6.8#

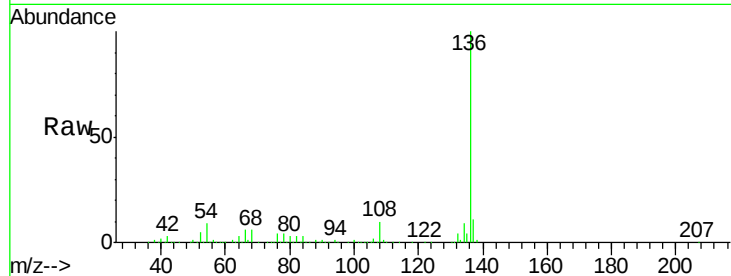
68 6.0 3.7 5.5#

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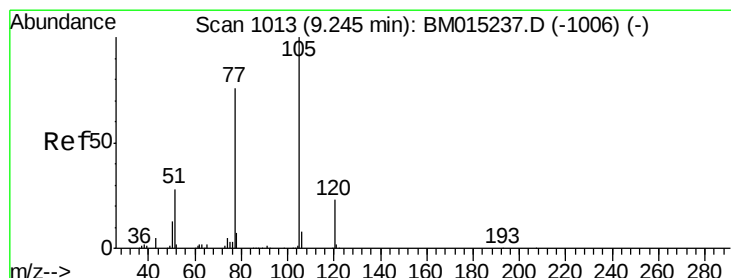
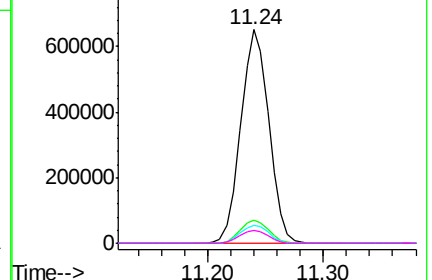
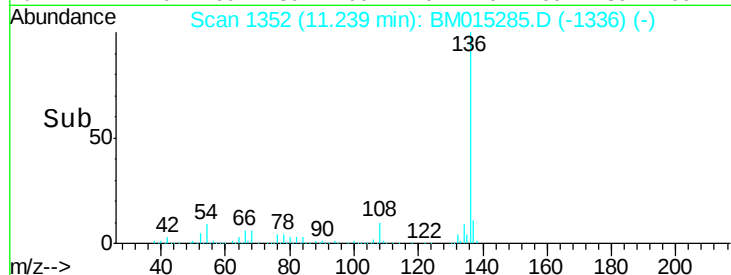


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 48.588 ng

RT: 9.25 min Scan# 1013

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tgt Ion:105 Resp: 1277809

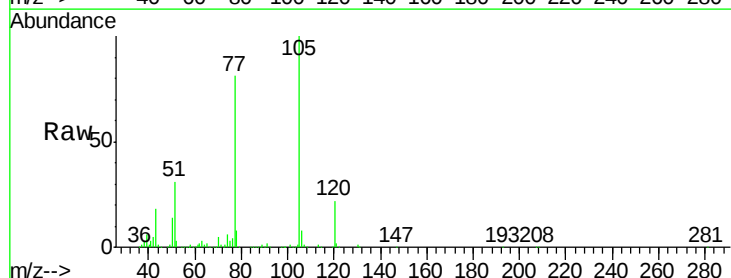
Ion Ratio Lower Upper

105 100

71 0.8 0.6 1.0

51 30.6 21.6 32.4

120 22.4 16.1 24.1

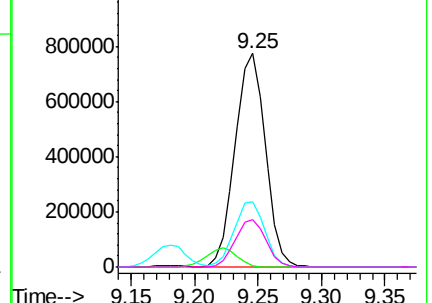
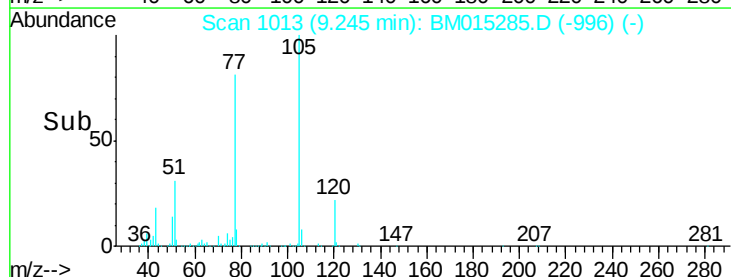


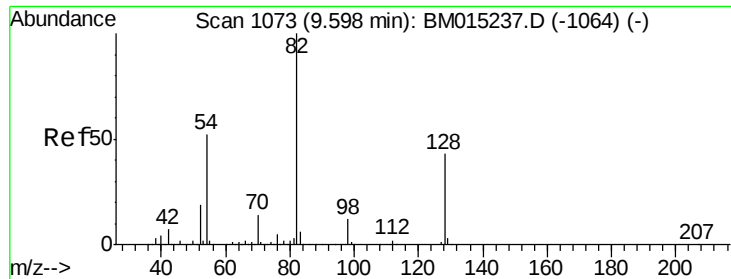
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





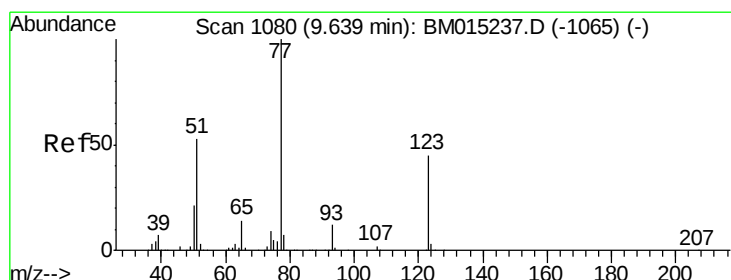
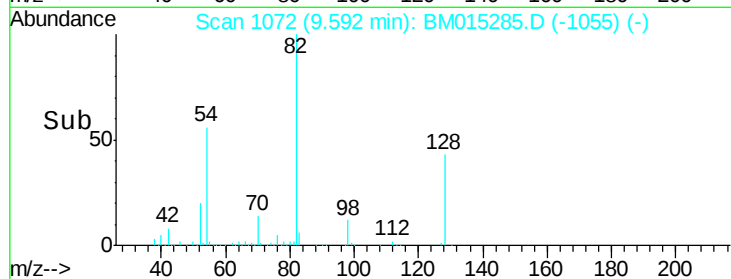
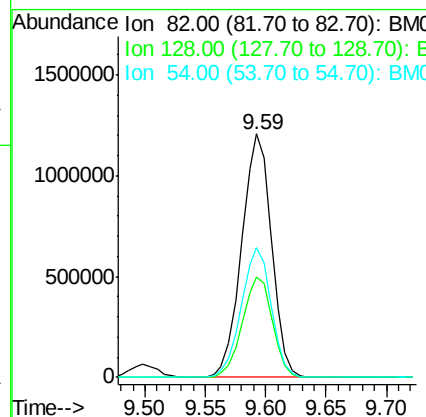
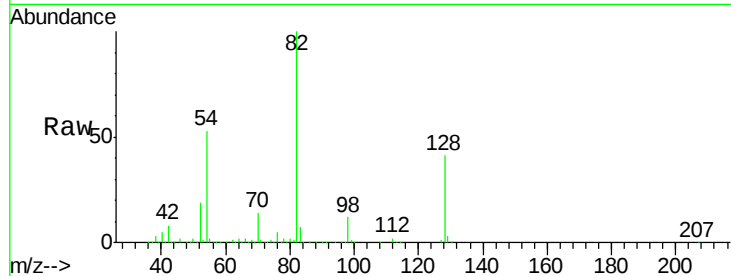
#23
 Nitrobenzene-d5
 Concen: 104.064 ng
 RT: 9.59 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Instrument :
 BNA_M
 ClientSampleId :
 PB109579BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	32.8	49.2
54	53.2	40.6	60.8

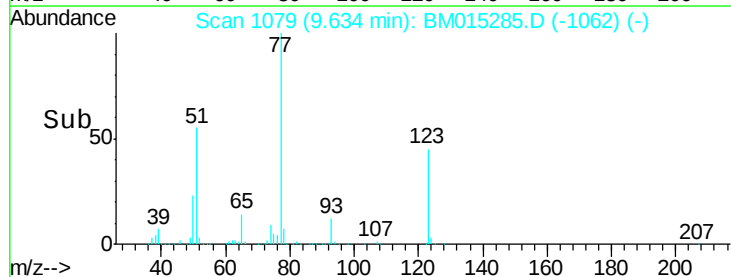
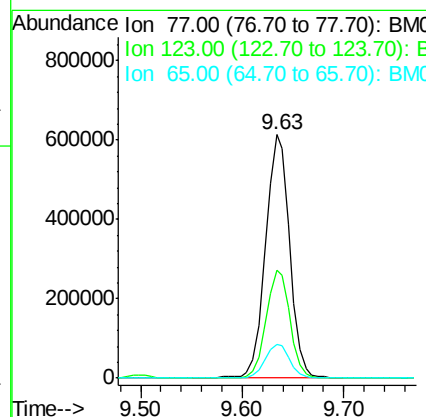
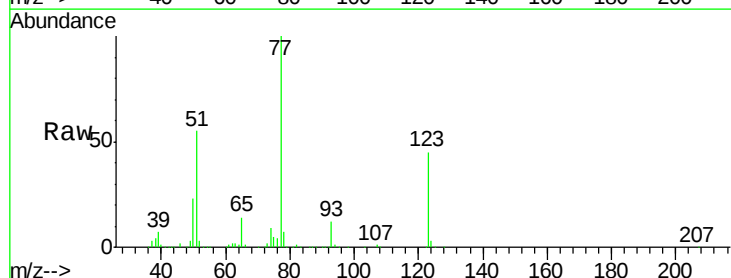
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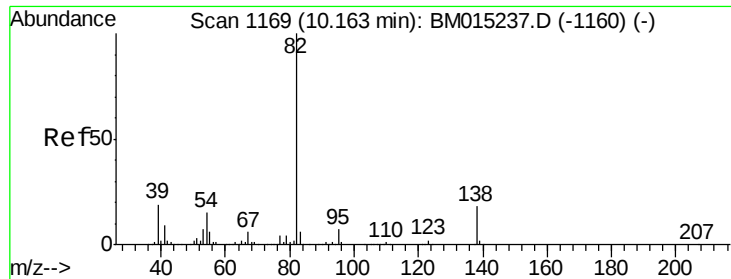
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#24
 Nitrobenzene
 Concen: 49.000 ng
 RT: 9.63 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	32.6	49.0
65	13.9	10.9	16.3





#25

Isophorone

Concen: 50.476 ng

RT: 10.16 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

ClientSampleId :

PB109579BS

Tot Ion: 82 Resp: 1735049

Ion Ratio Lower Upper

82 100

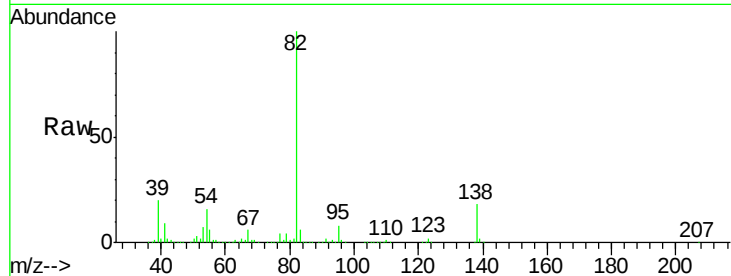
95 7.6 5.8 8.6

138 18.2 16.3 24.5

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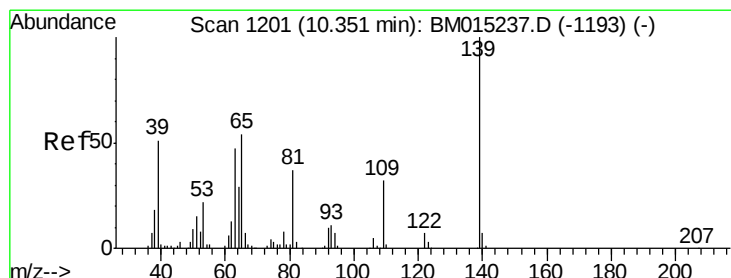
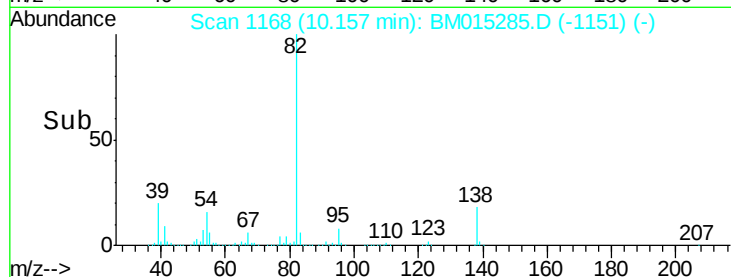
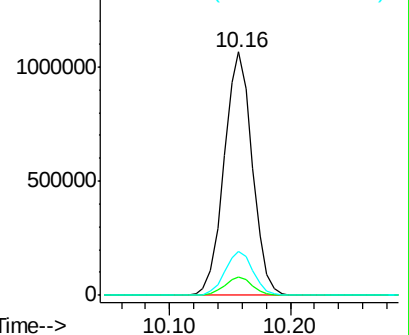
5/24/2018 11:02:49 AM



Abundance Ion 82.00 (81.70 to 82.70): BM015237.D (-1160) (-)

Ion 95.00 (94.70 to 95.70): BM015237.D (-1160) (-)

Ion 138.00 (137.70 to 138.70): BM015237.D (-1160) (-)



#26

2-Nitrophenol

Concen: 50.101 ng

RT: 10.35 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

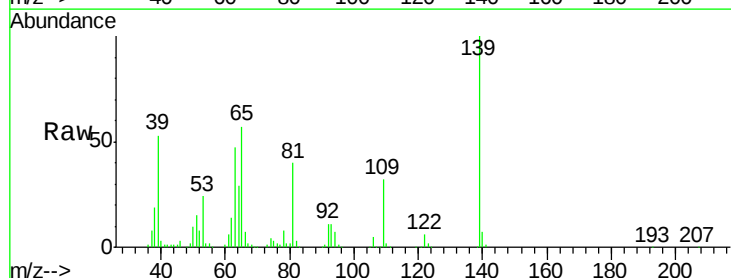
Tgt Ion: 139 Resp: 468408

Ion Ratio Lower Upper

139 100

109 32.4 20.1 30.1#

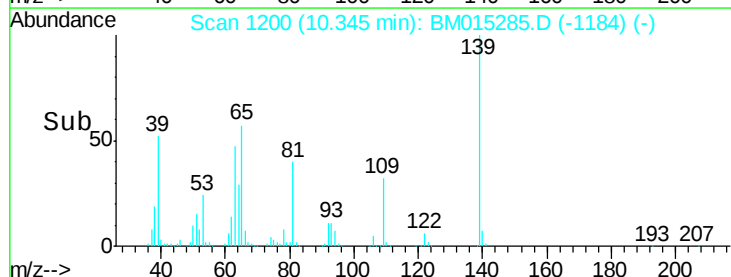
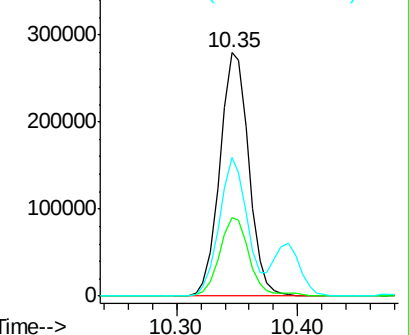
65 56.8 31.5 47.3#

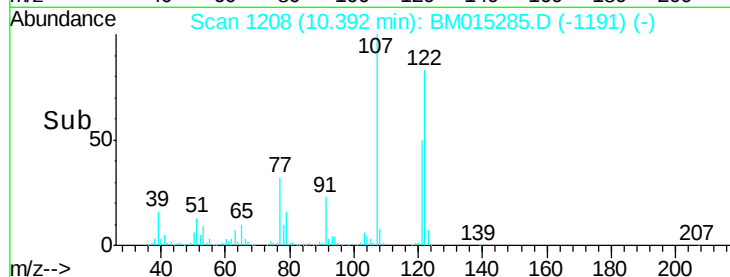
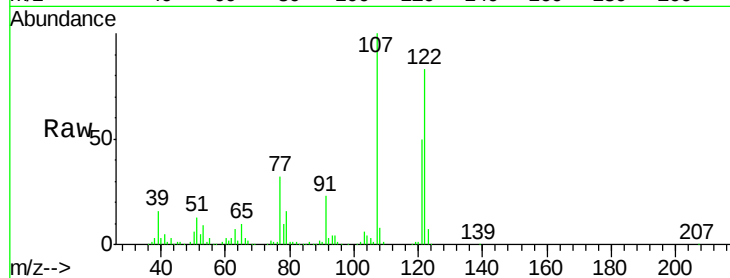
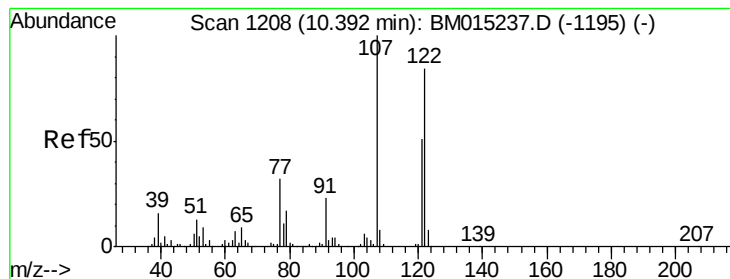


Abundance Ion 139.00 (138.70 to 139.70): BM015237.D (-1193) (-)

Ion 109.00 (108.70 to 109.70): BM015237.D (-1193) (-)

Ion 65.00 (64.70 to 65.70): BM015237.D (-1193) (-)





#27

2,4-Dimethylphenol

Concen: 49.867 ng

RT: 10.39 min Scan# 1208

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

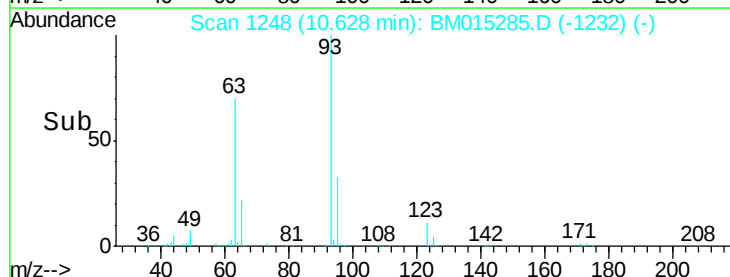
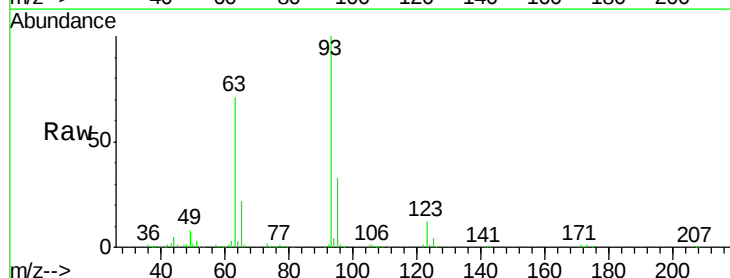
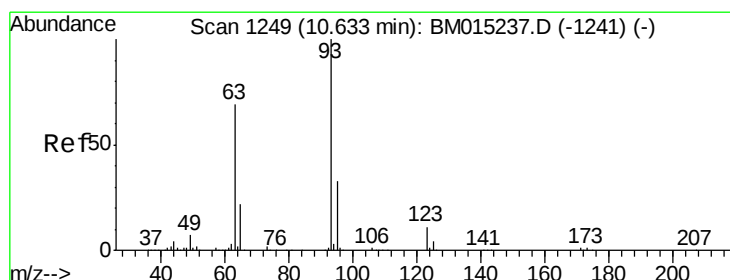
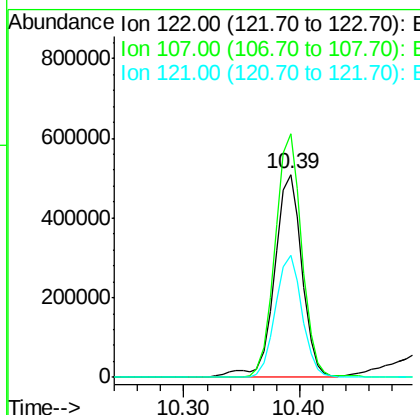
ClientSampleId :

PB109579BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.1	84.7	127.1
121	60.0	46.6	69.8

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#28

bis(2-Chloroethoxy)methane

Concen: 49.643 ng

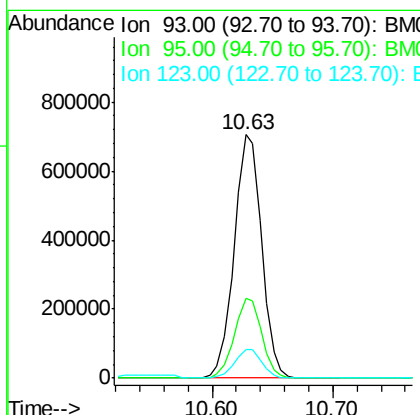
RT: 10.63 min Scan# 1248

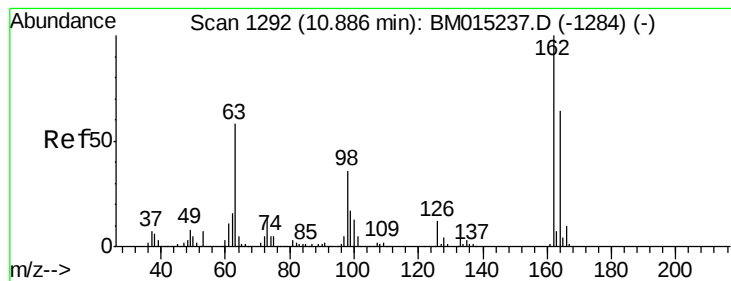
Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.5	38.3
123	11.6	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 50.744 ng

RT: 10.88 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

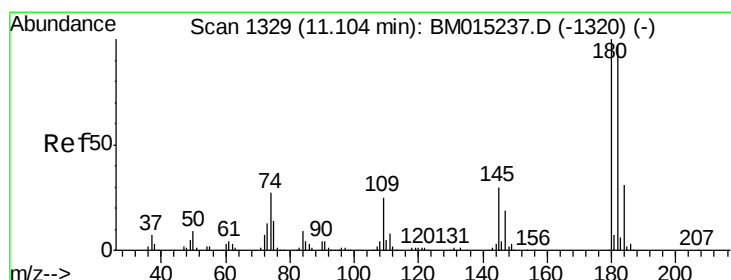
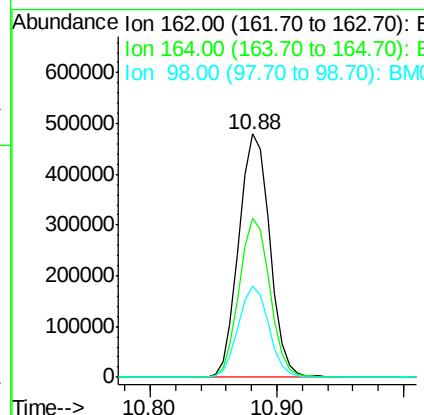
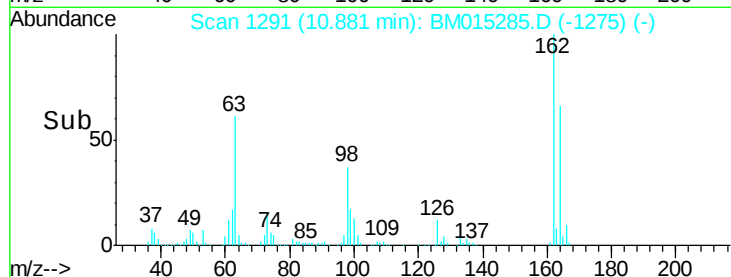
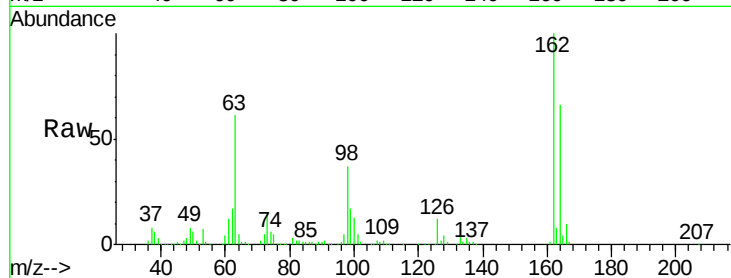
ClientSampleId :

PB109579BS

Tot Ion:	162	Resp:	814777
Ion Ratio	Lower	Upper	
162	100		
164	65.6	42.8	82.8
98	37.4	14.5	54.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 48.272 ng

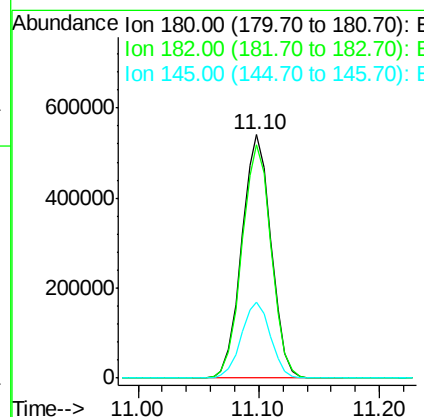
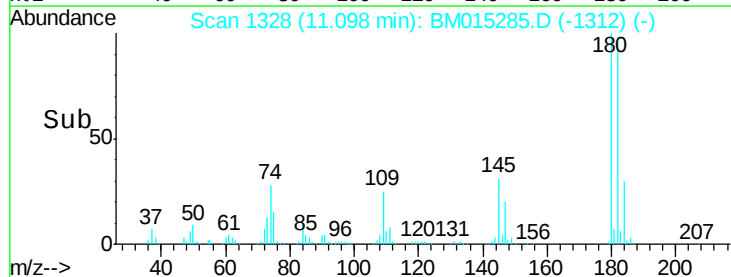
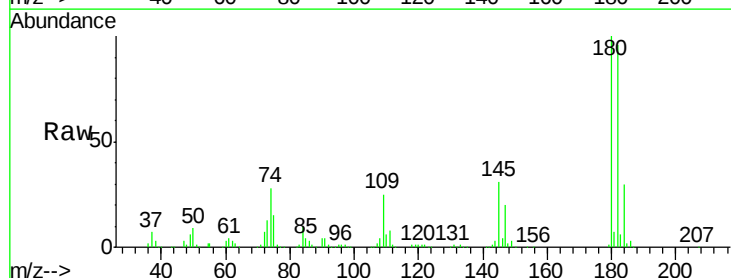
RT: 11.10 min Scan# 1328

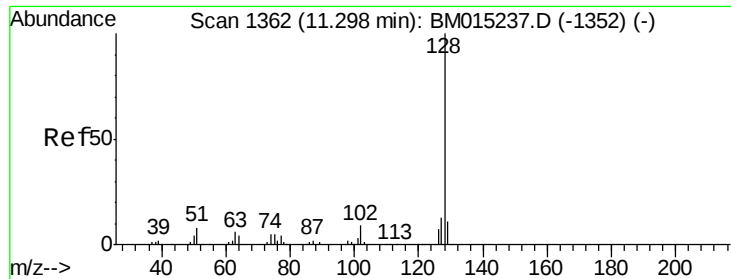
Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tgt Ion:	180	Resp:	913154
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.6	116.4
145	31.0	23.4	35.2





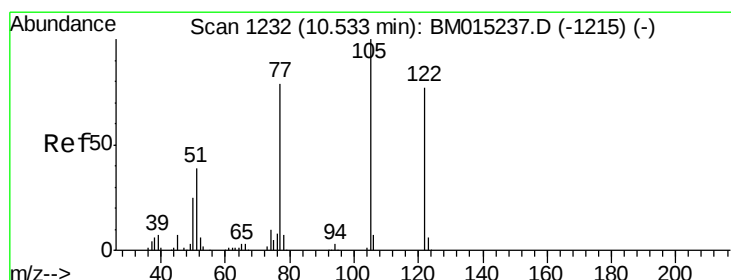
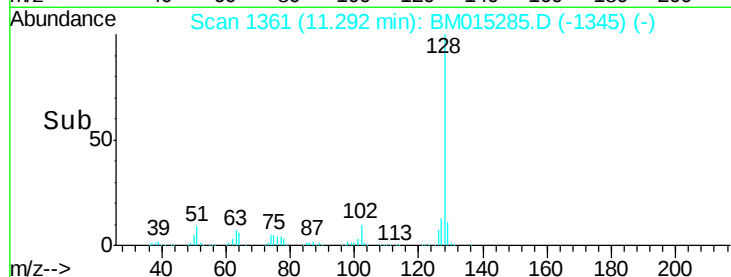
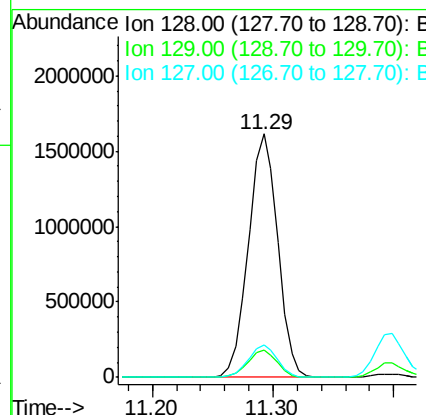
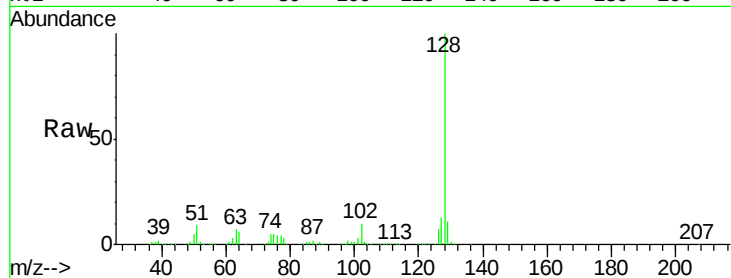
#31
Naphthalene
Concen: 47.992 ng
RT: 11.29 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.4	10.4	15.6

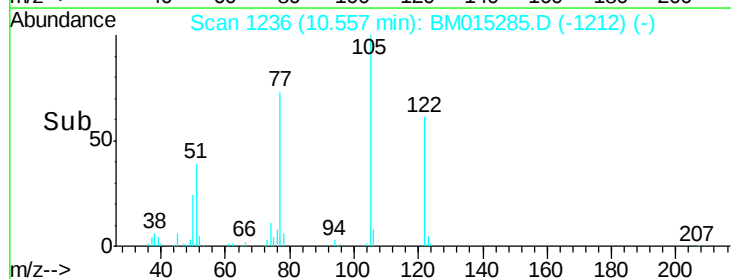
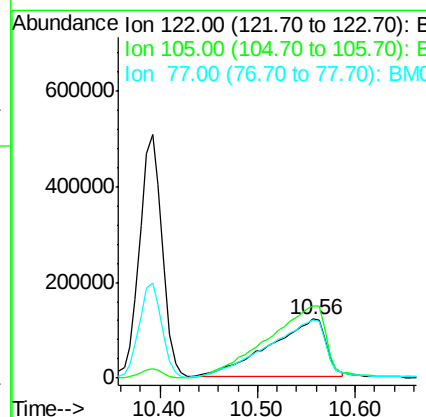
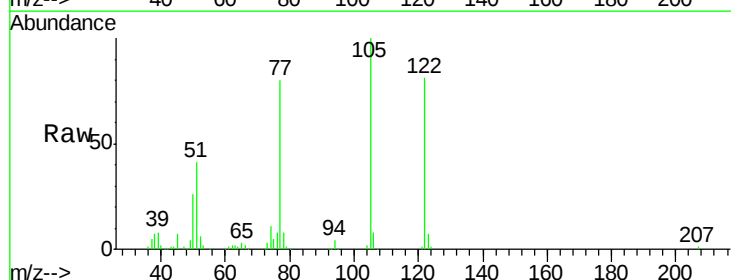
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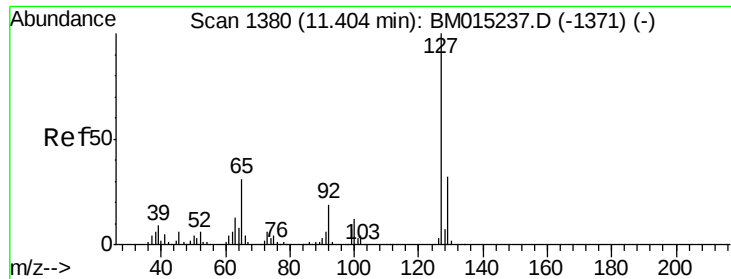
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#32
Benzoic acid
Concen: 49.289 ng
RT: 10.56 min Scan# 1236
Delta R.T. 0.04 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.1	99.9	139.9
77	99.0	73.7	113.7





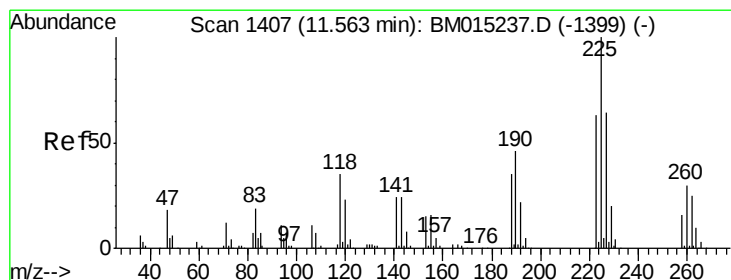
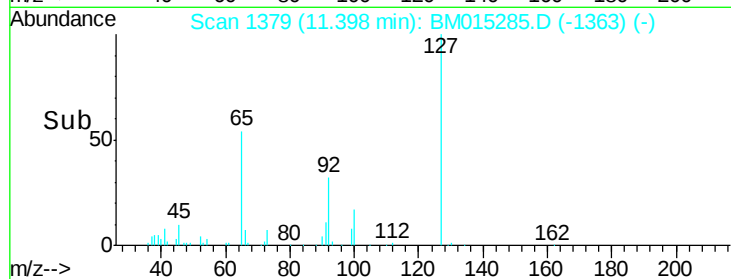
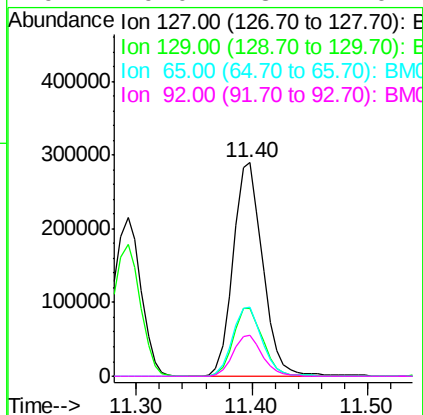
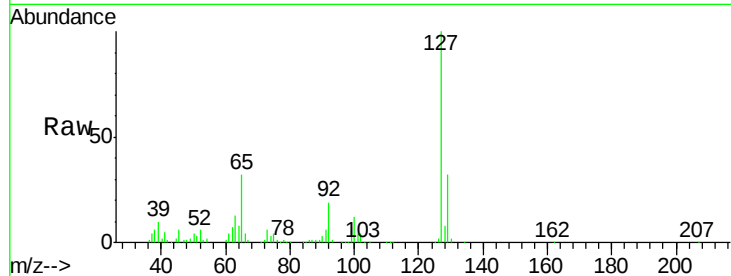
#33
4-Chloroaniline
Concen: 22.656 ng
RT: 11.40 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	25.3	37.9		
65	32.3	17.6	26.4		
92	19.0	13.1	19.7		

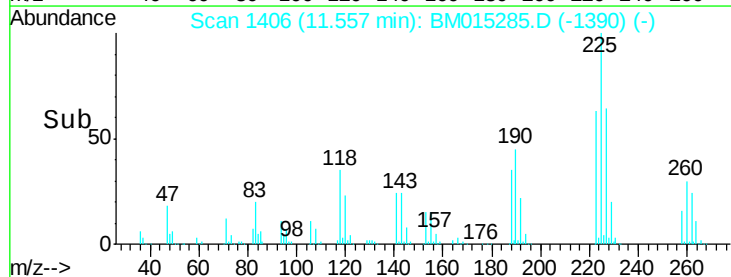
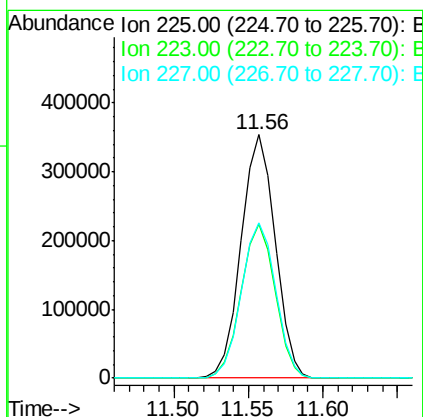
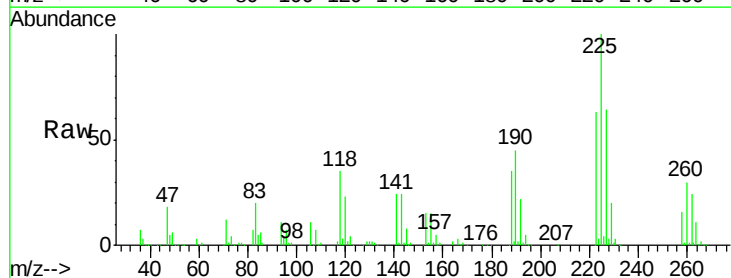
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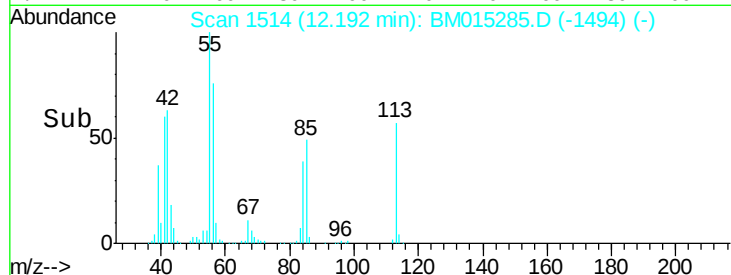
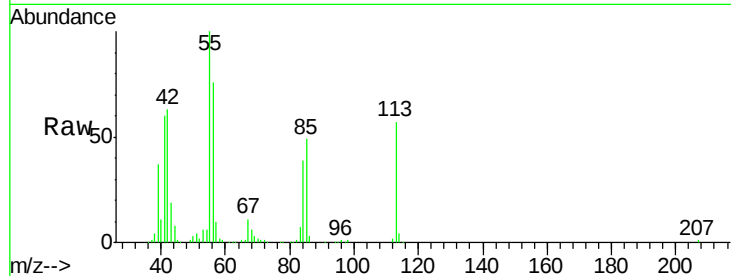
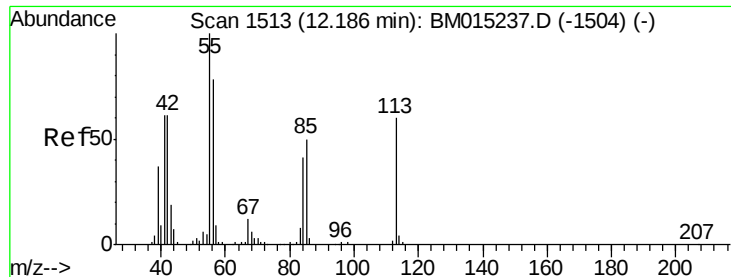
Sohil
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#34
Hexachlorobutadiene
Concen: 49.813 ng
RT: 11.56 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	47.9	71.9		
227	63.9	50.1	75.1		





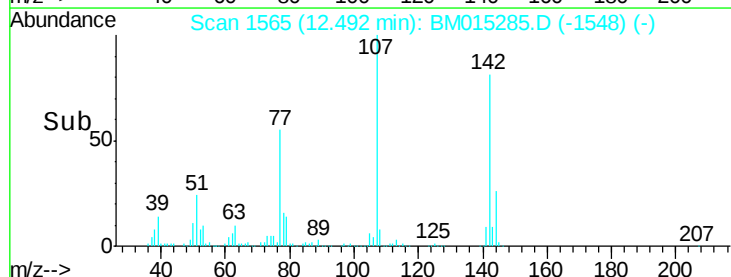
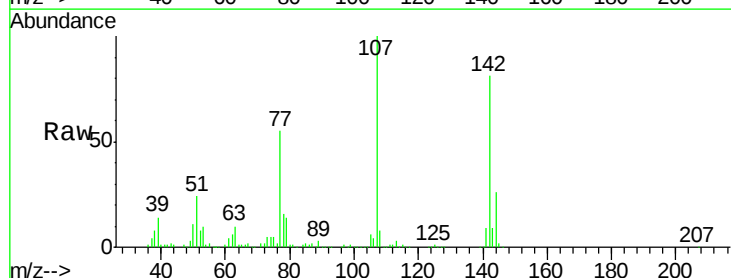
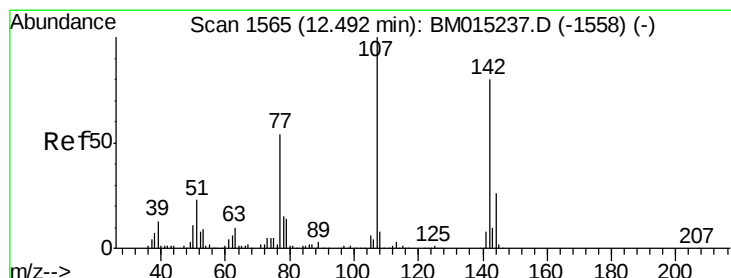
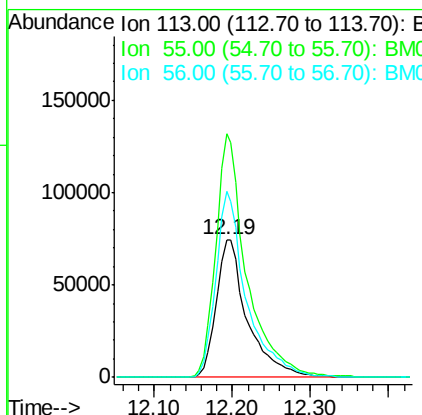
#35
Caprolactam
Concen: 45.791 ng/ml
RT: 12.19 min Scan# 1514
Delta R.T. 0.02 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	176.7	145.9	185.9	
56	134.7	101.0	141.0	

Instrument :
BNA_M
ClientSampleId :
PB109579BS

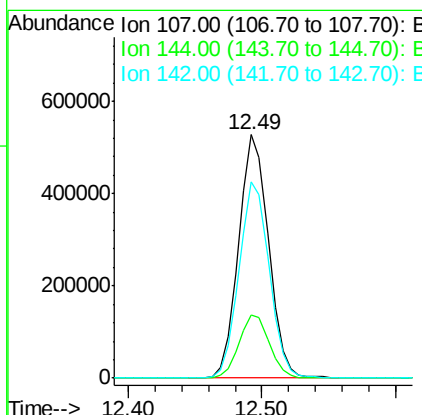
Manual Integrations
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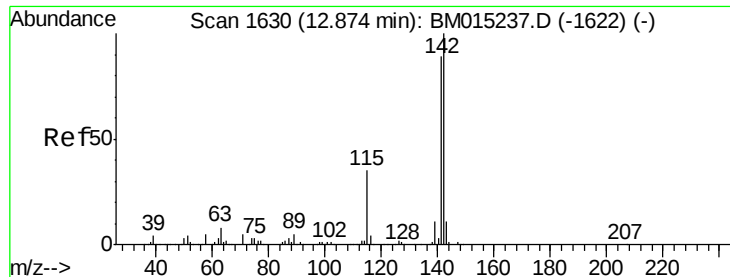
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 50.054 ng/ml
RT: 12.49 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	26.0	23.3	34.9	
142	80.8	72.6	109.0	





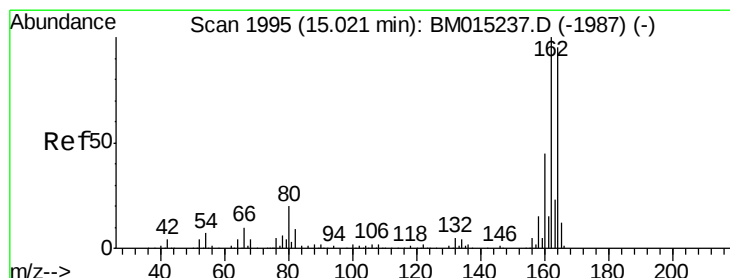
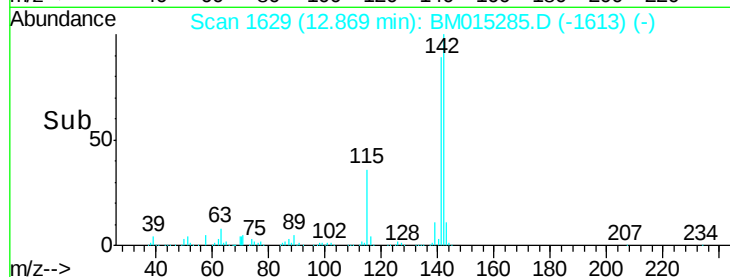
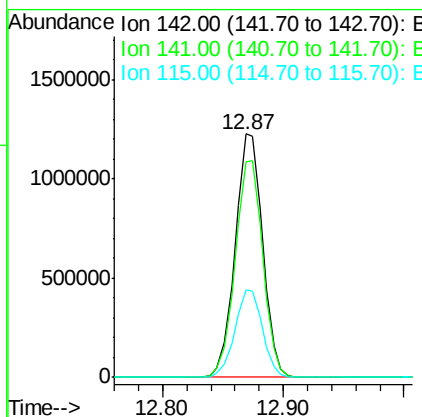
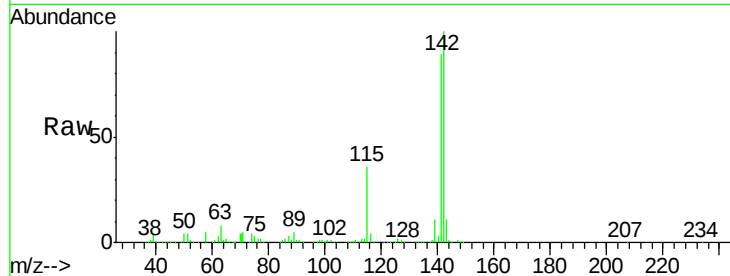
#37
2-Methylnaphthalene
Concen: 49.305 ng
RT: 12.87 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.9	107.9
115	36.0	25.4	38.0

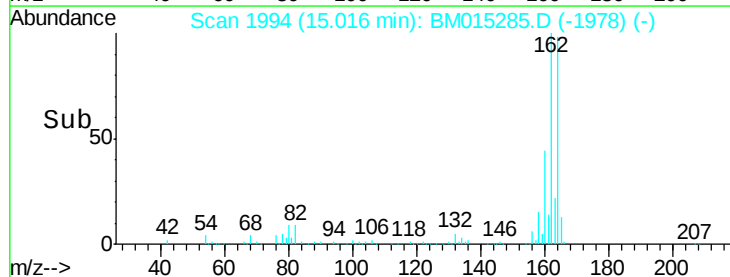
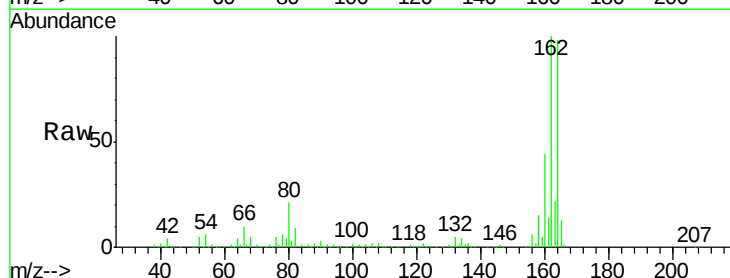
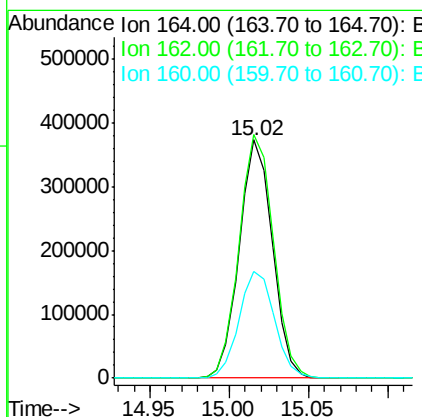
Manual Integrations
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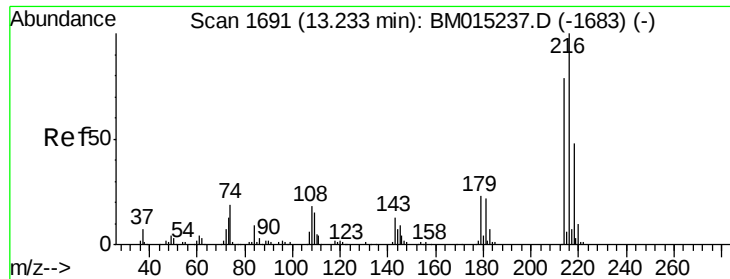
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	44.8	35.8	53.6





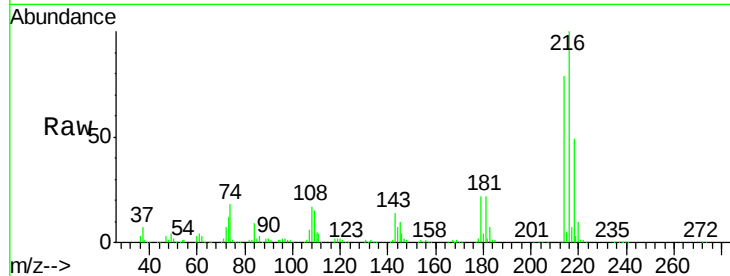
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.654 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Instrument :
 BNA_M
 ClientSampleID :
 PB109579BS

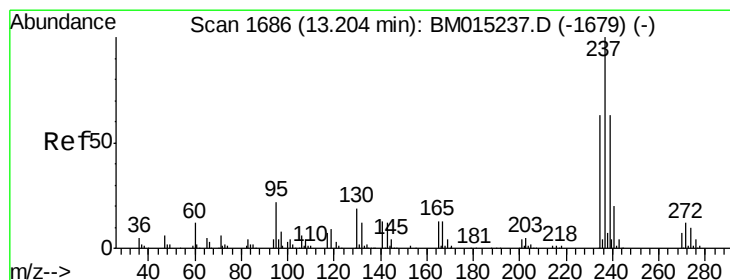
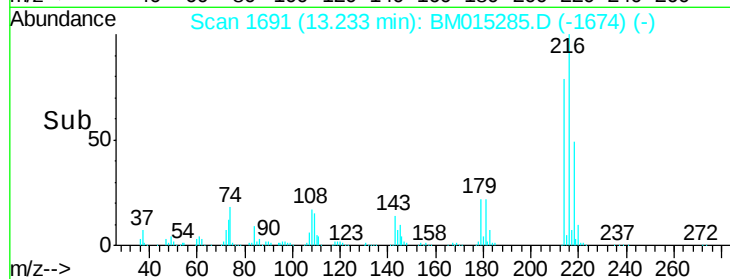
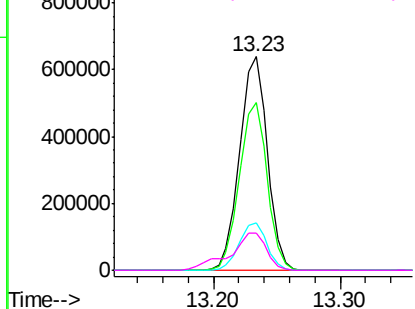
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	78.6	0.0	0.0#		
179	22.2	0.0	0.0#		
108	23.0	0.0	0.0#		

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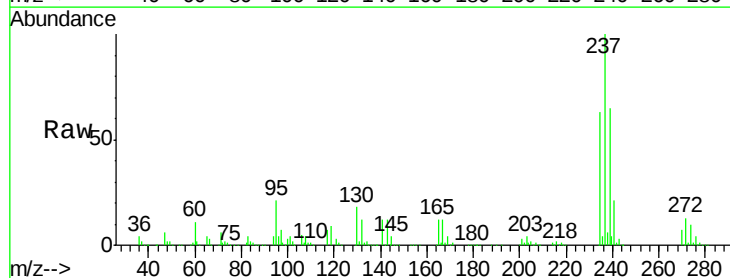


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

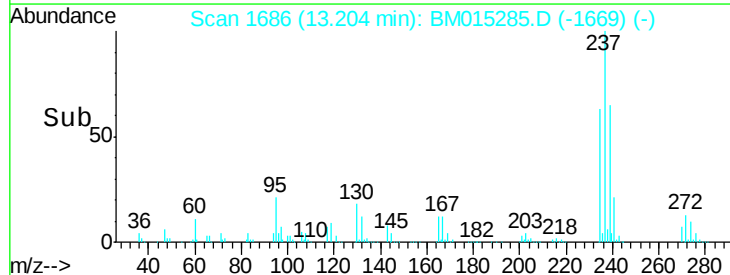
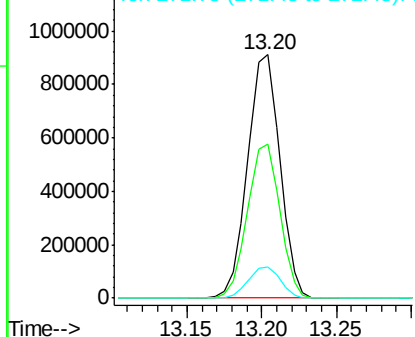


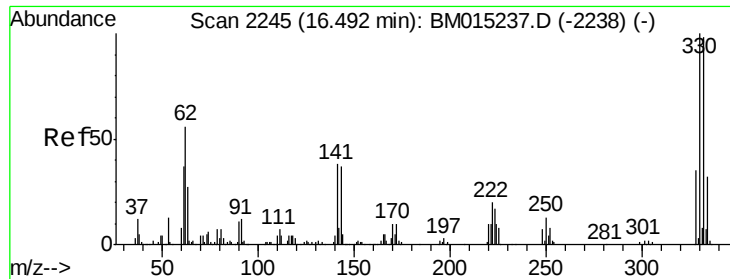
#40
 Hexachlorocyclopentadiene
 Concen: 107.432 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.2	42.0	82.0		
272	12.8	0.0	33.4		



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





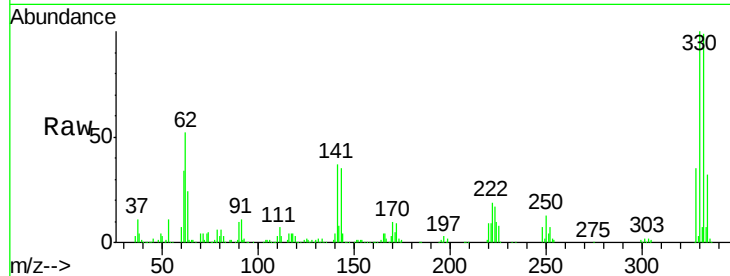
#41
 2,4,6-Tribromophenol
 Concen: 97.866 ng
 RT: 16.49 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Instrument :
 BNA_M
 ClientSampleId :
 PB109579BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	665103		
332	96.9	0.0	0.0	0.0
141	38.1	0.0	0.0	0.0

Manual Integrations
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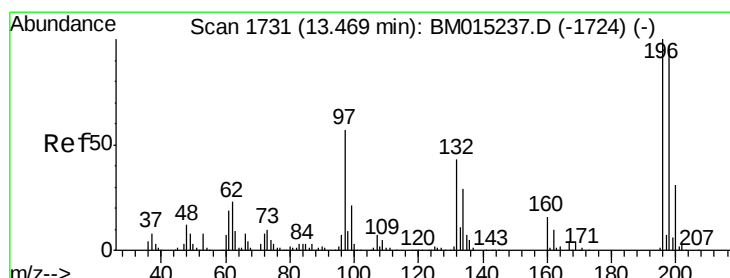
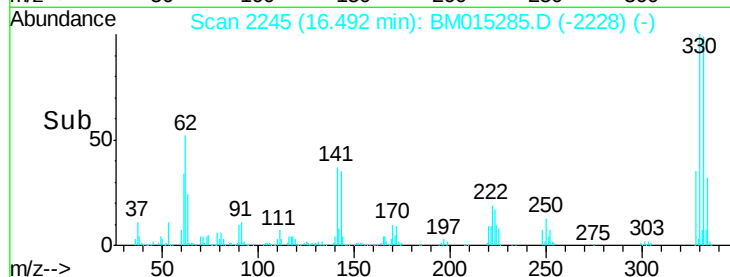
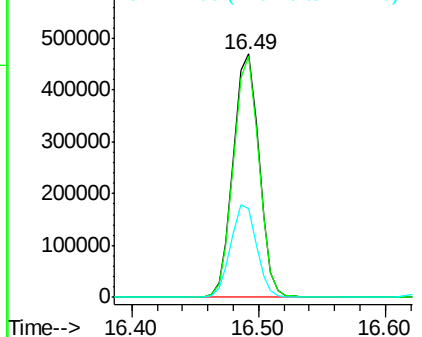


Abundance

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: 52.721 ng
 RT: 13.46 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

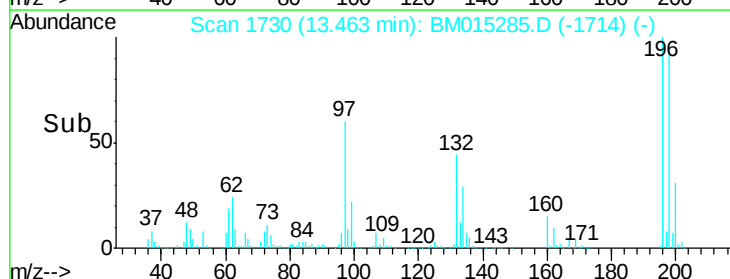
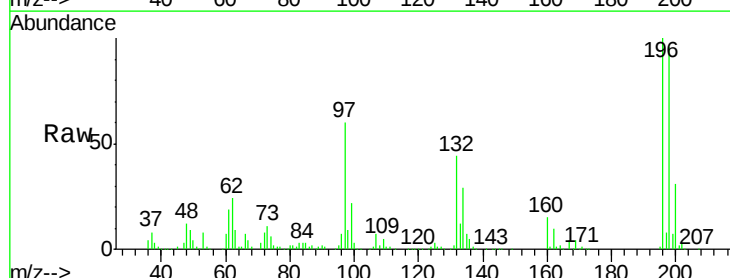
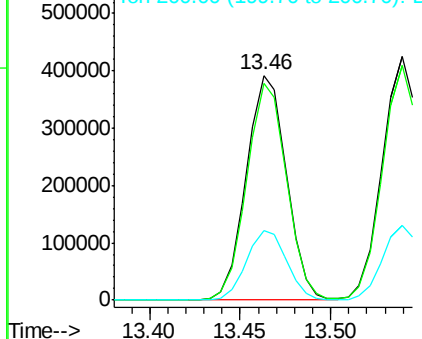
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	604817		
198	96.5	76.3	114.5	
200	30.9	25.6	38.4	

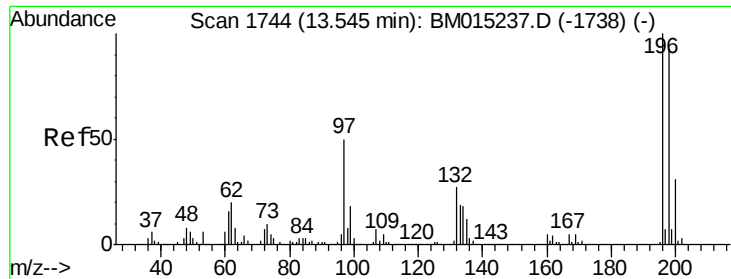
Abundance

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





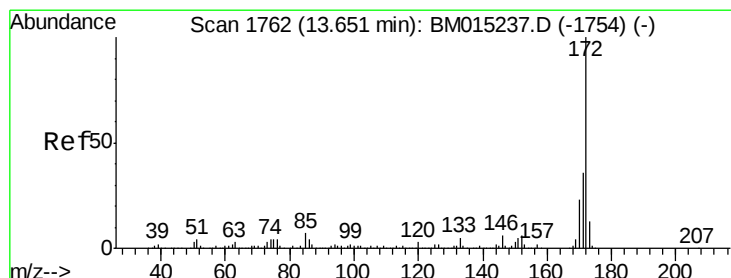
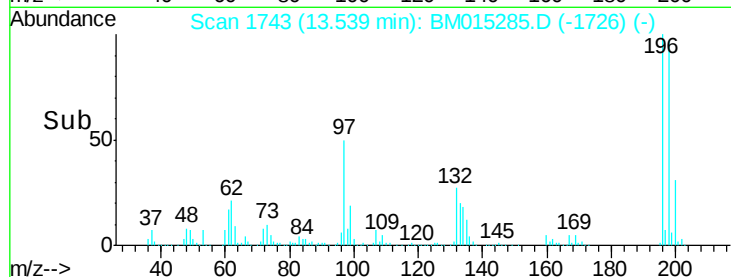
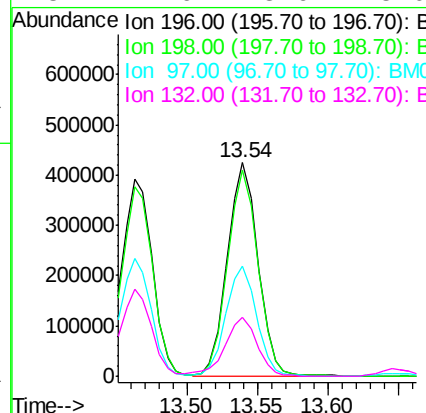
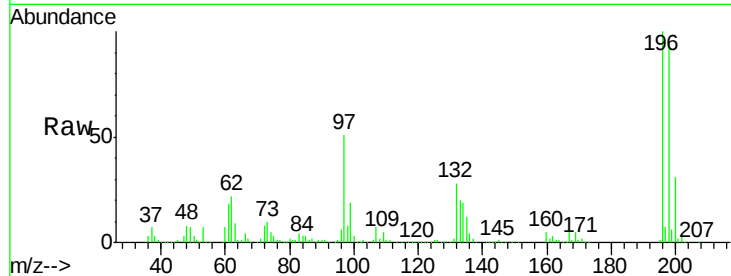
#43
 2,4,5-Trichlorophenol
 Concen: 51.439 ng
 RT: 13.54 min Scan# 1743
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Instrument :
 BNA_M
 ClientSampleId :
 PB109579BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	637171		
198	96.4	79.4	119.0	
97	51.5	26.8	40.2	
132	27.6	18.6	28.0	

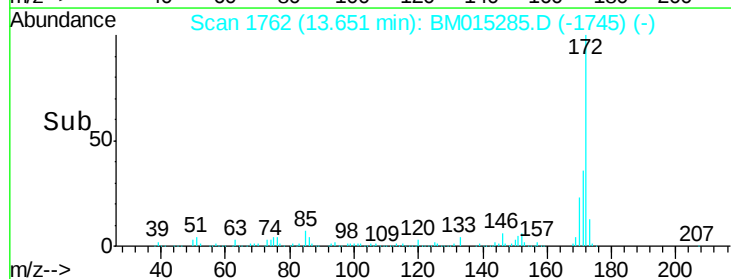
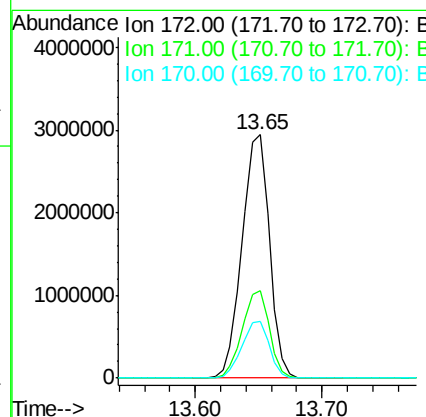
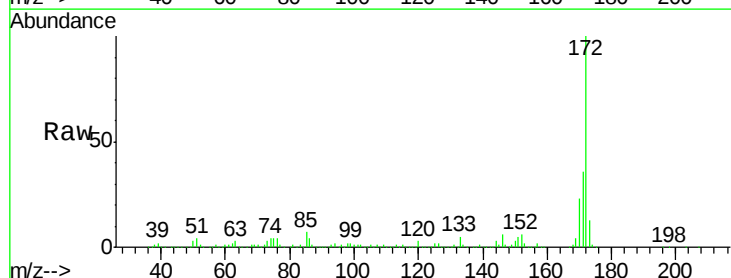
Manual Integrations
 APPROVED

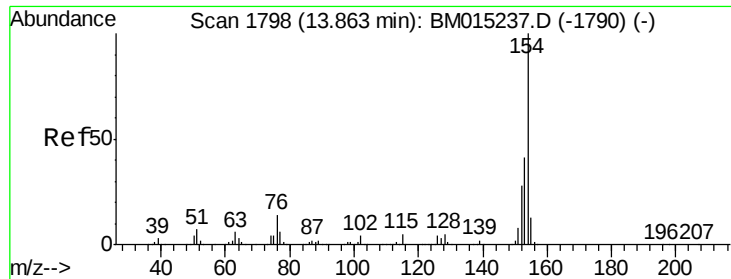
Sohil
 5/24/2018 11:02:49 AM



#44
 2-Fluorobiphenyl
 Concen: 100.860 ng
 RT: 13.65 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4397189		
171	36.1	28.5	42.7	
170	23.4	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 50.159 ng

RT: 13.86 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

ClientSampleId :

PB109579BS

Tot Ion:154 Resp: 2378522

Ion Ratio Lower Upper

154 100

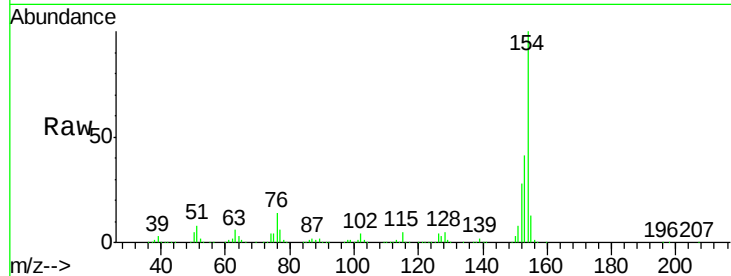
153 40.8 20.7 60.7

76 13.9 0.0 30.9

Manual Integrations
APPROVED

Sohil

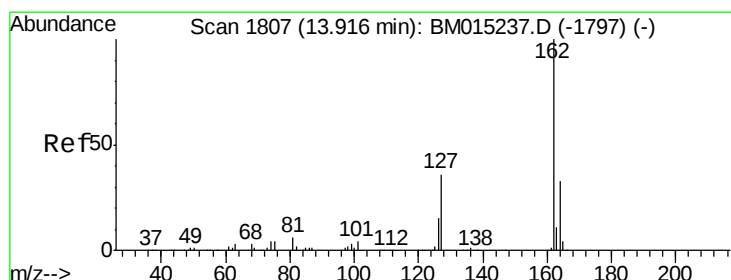
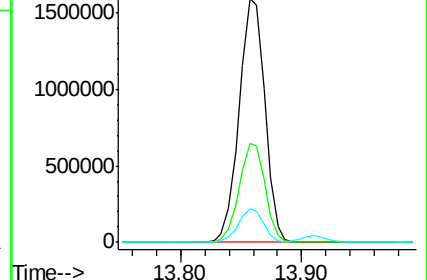
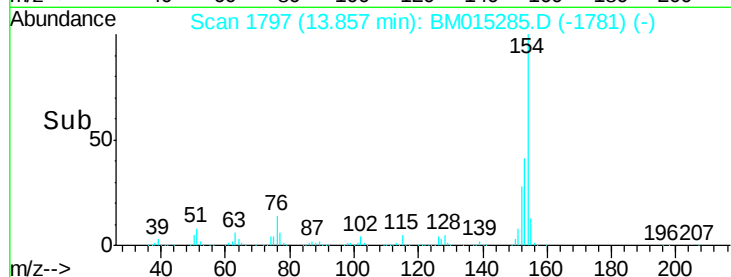
5/24/2018 11:02:49 AM



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: 50.104 ng

RT: 13.91 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

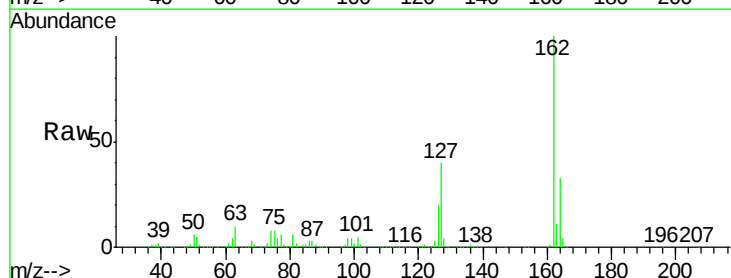
Tgt Ion:162 Resp: 1828532

Ion Ratio Lower Upper

162 100

127 39.7 26.9 40.3

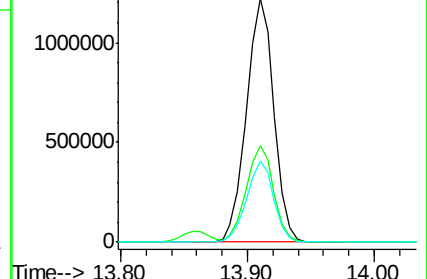
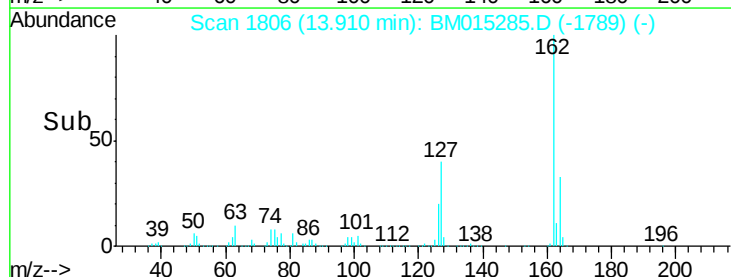
164 33.3 26.8 40.2

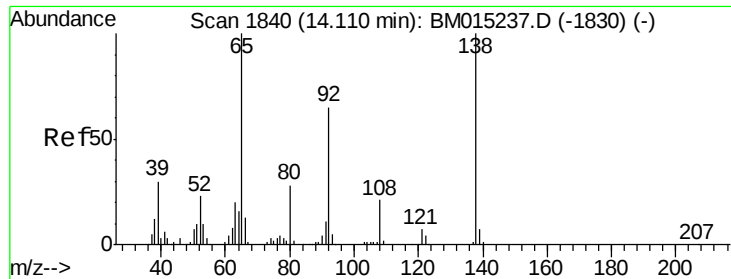


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





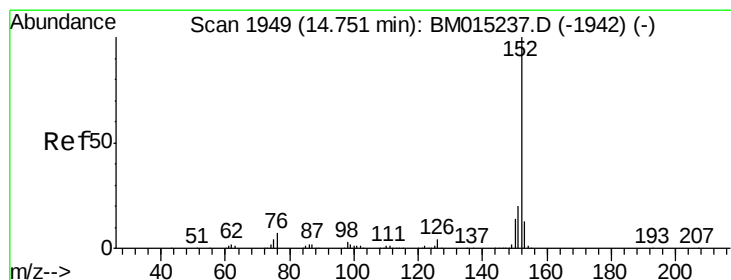
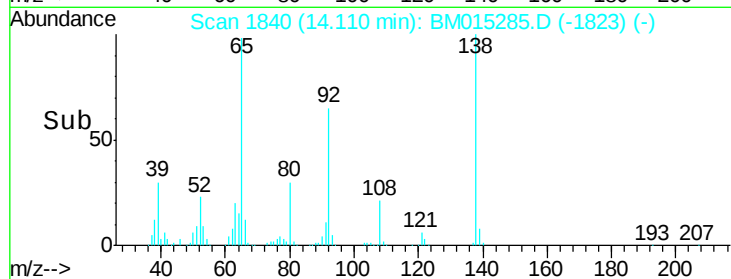
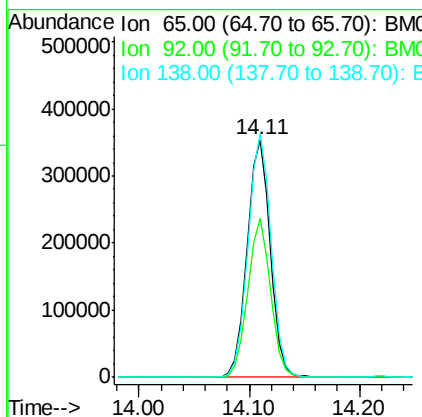
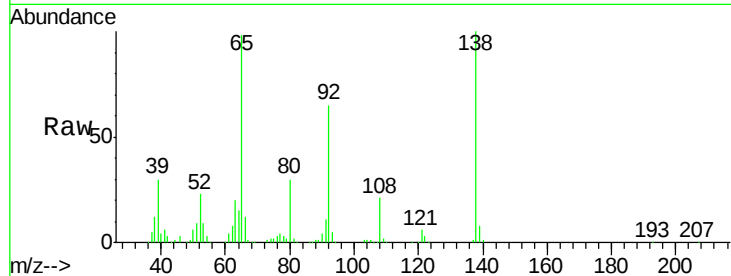
#47
2-Nitroaniline
Concen: 50.168 ng
RT: 14.11 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.0	59.1	88.7
138	102.5	93.9	140.9

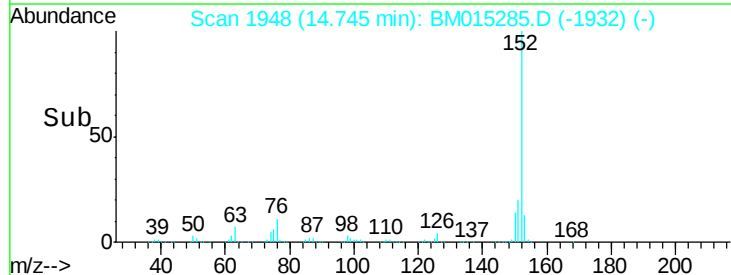
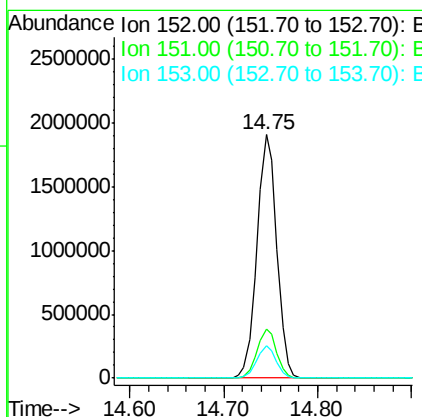
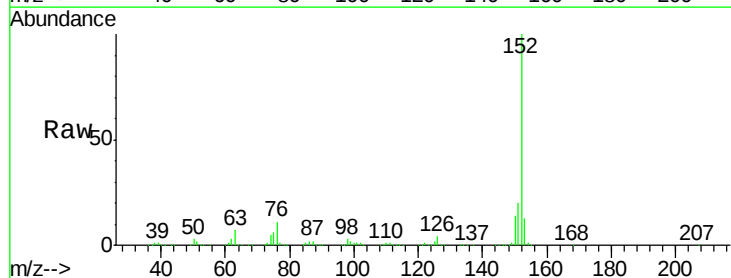
Manual Integrations
APPROVED

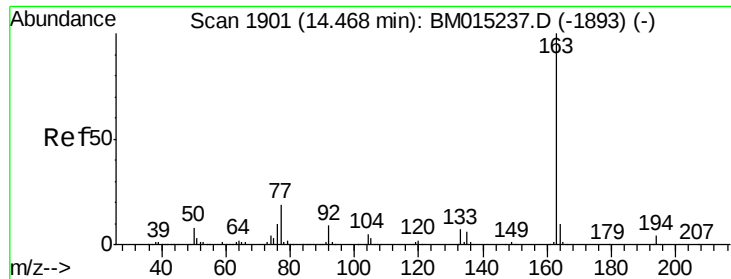
Sohil
5/24/2018 11:02:49 AM



#48
Acenaphthylene
Concen: 51.198 ng
RT: 14.75 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	13.2	10.6	16.0





#49

Dimethylphthalate

Concen: 48.604 ng

RT: 14.46 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

ClientSampleId :

PB109579BS

Tot Ion:163 Resp: 2102282

Ion Ratio Lower Upper

163 100

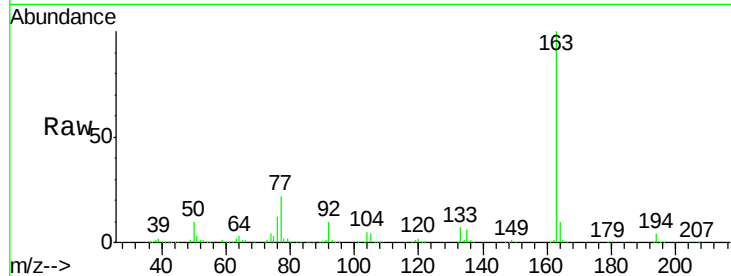
194 4.0 2.7 4.1

164 10.3 8.2 12.2

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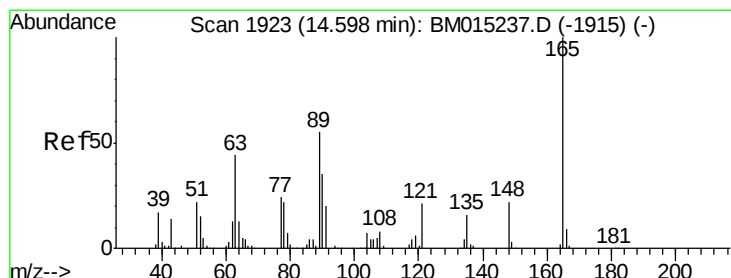
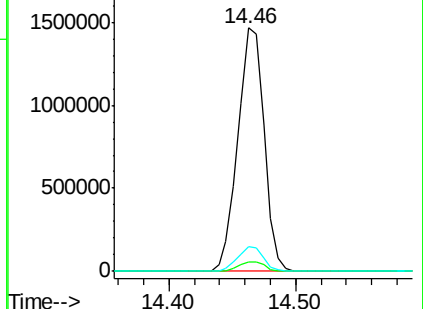
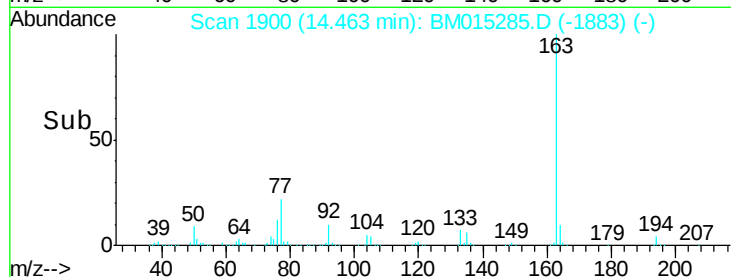
5/24/2018 11:02:49 AM



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: 50.644 ng

RT: 14.59 min Scan# 1922

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

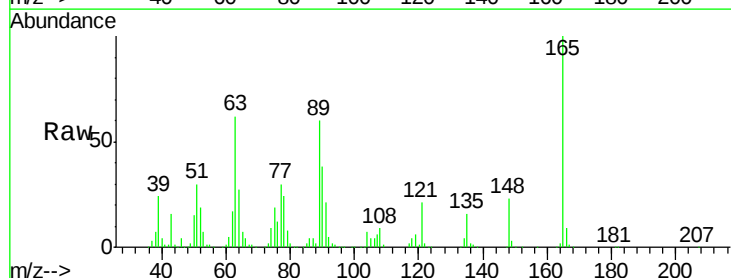
Tgt Ion:165 Resp: 456991

Ion Ratio Lower Upper

165 100

63 61.6 44.1 66.1

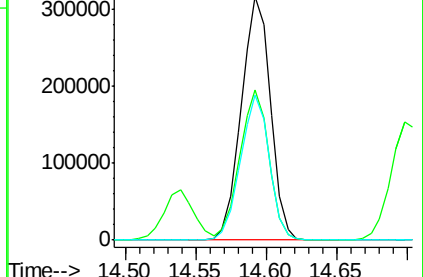
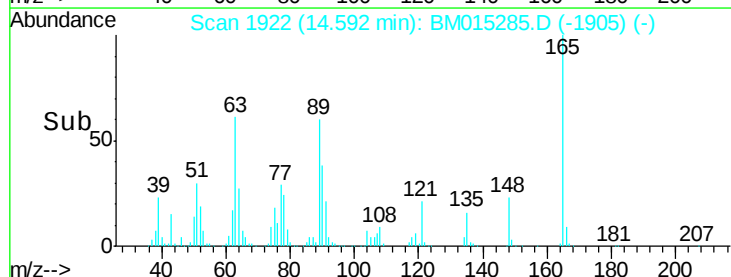
89 59.6 44.3 66.5

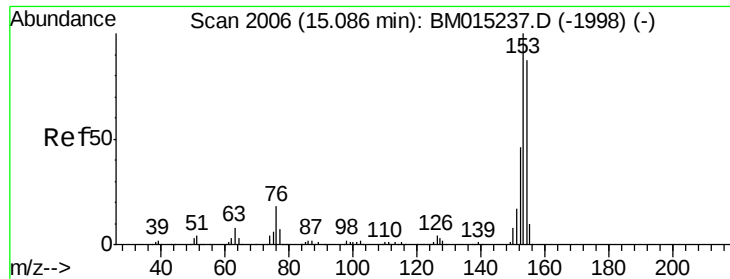


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 49.404 ng

RT: 15.08 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

ClientSampleId :

PB109579BS

Tot Ion:154 Resp: 1668295

Ion Ratio Lower Upper

154 100

153 112.0 90.0 135.0

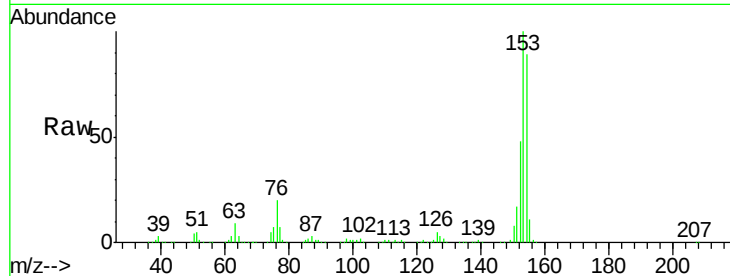
152 53.4 42.6 63.8

Manual Integrations

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Sohil

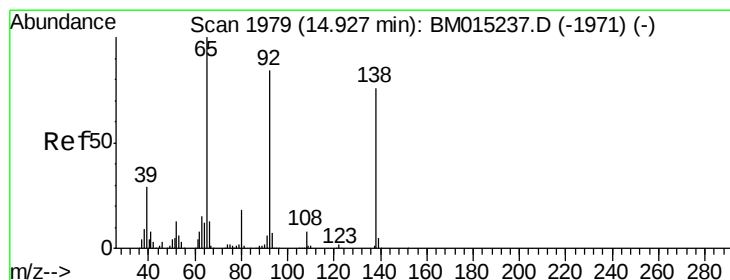
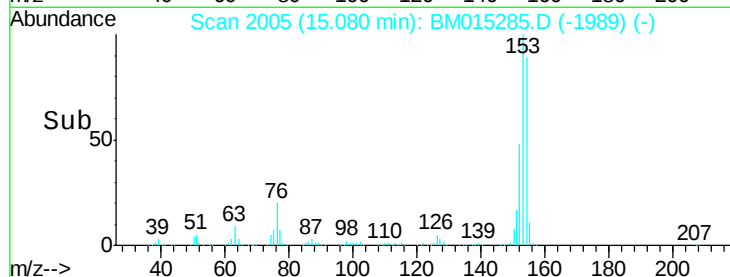
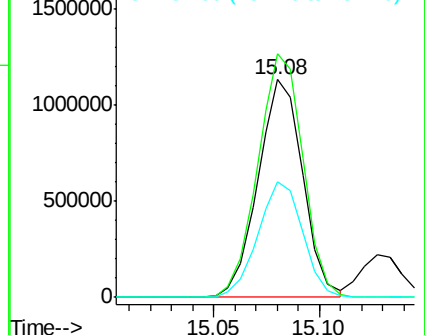
5/24/2018 11:02:49 AM



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: 28.090 ng

RT: 14.92 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

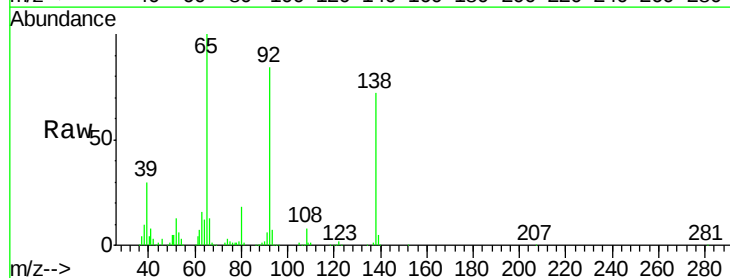
Tgt Ion:138 Resp: 266909

Ion Ratio Lower Upper

138 100

108 10.4 7.3 10.9

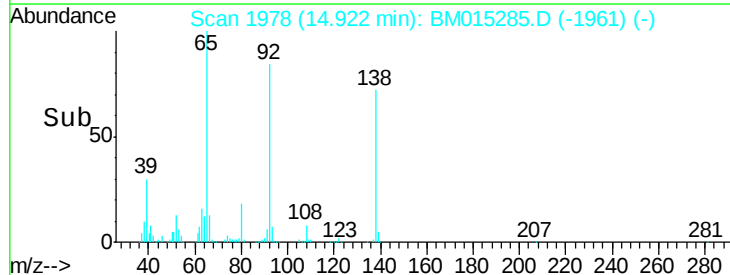
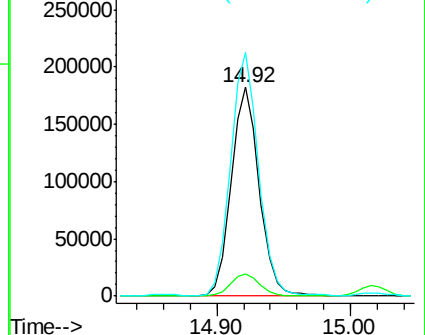
92 116.7 76.6 114.8#

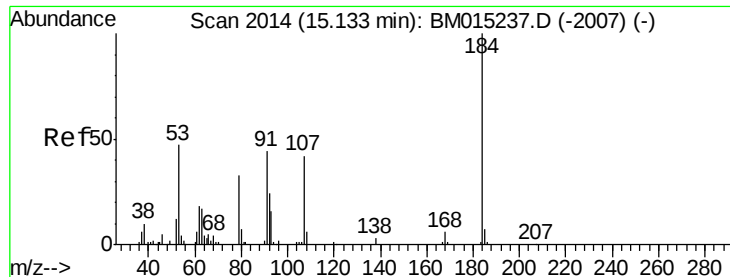


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





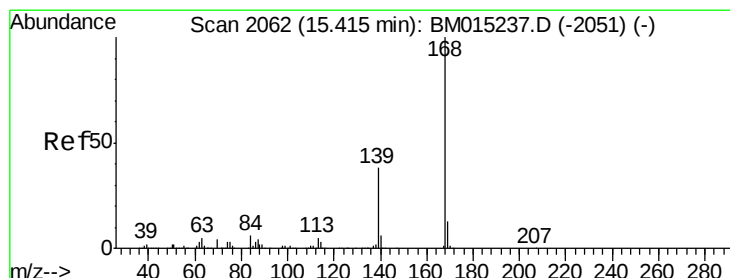
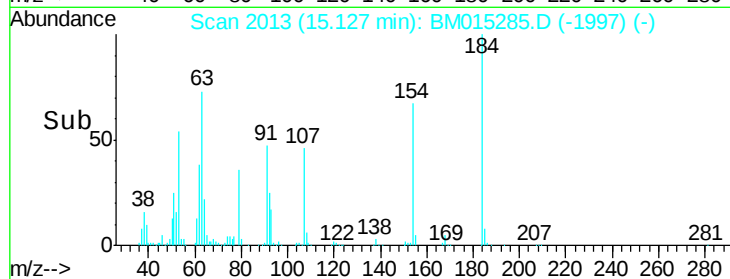
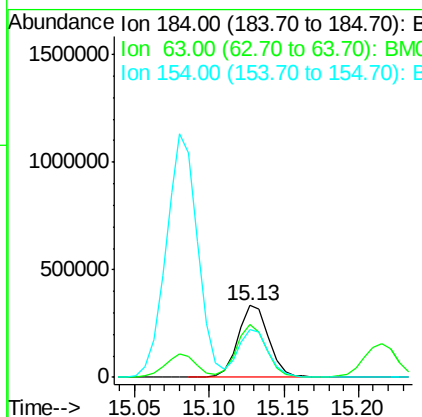
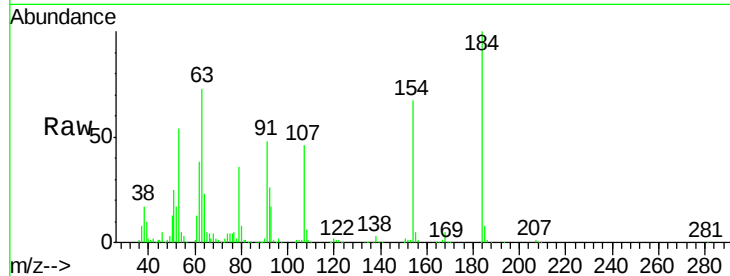
#53
2,4-Dinitrophenol
Concen: 88.544 ng
RT: 15.13 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampled :
PB109579BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	72.9	69.2	103.8
154	66.9	53.3	79.9

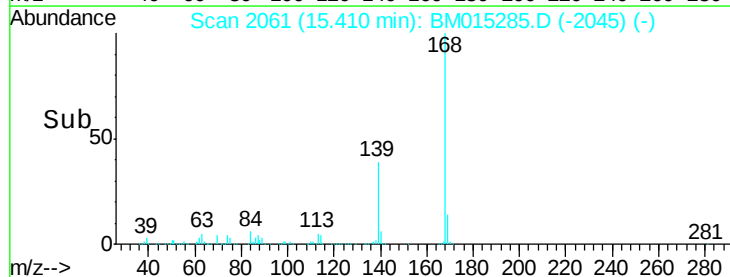
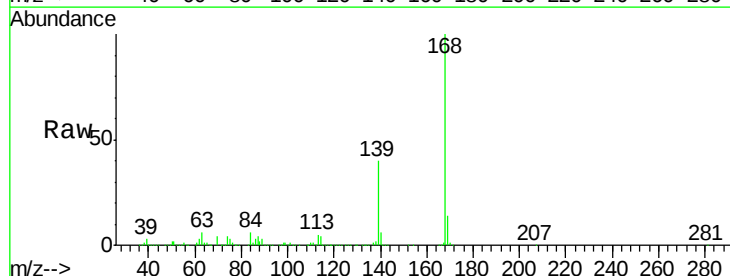
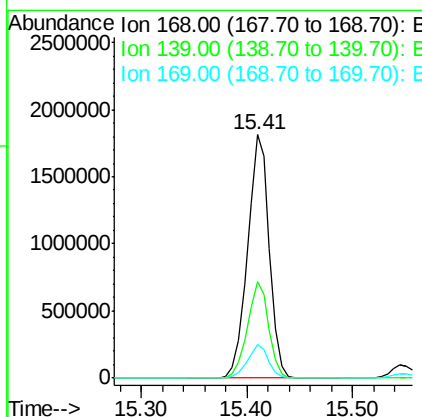
Manual Integrations
APPROVED

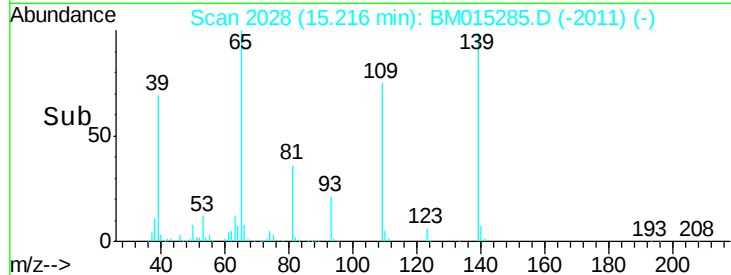
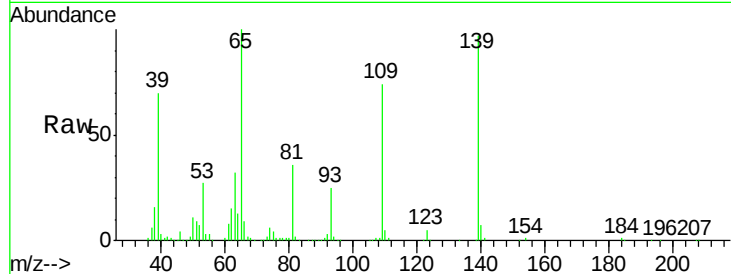
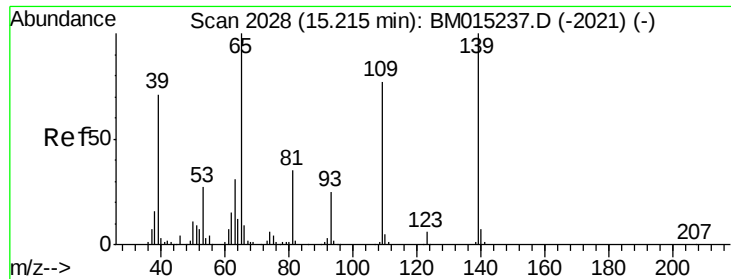
Sohil
5/24/2018 11:02:49 AM



#54
Dibenzofuran
Concen: 48.206 ng
RT: 15.41 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.5	27.3	40.9
169	13.6	10.6	16.0





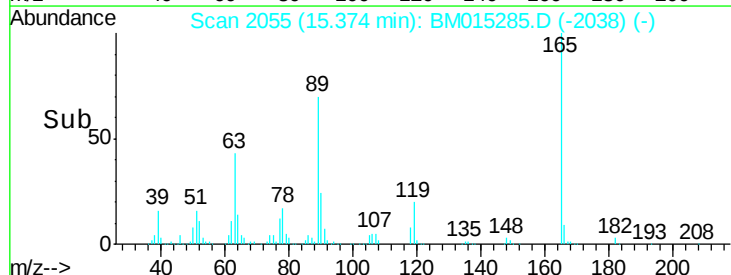
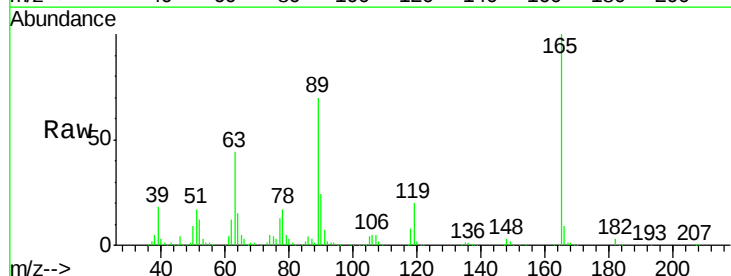
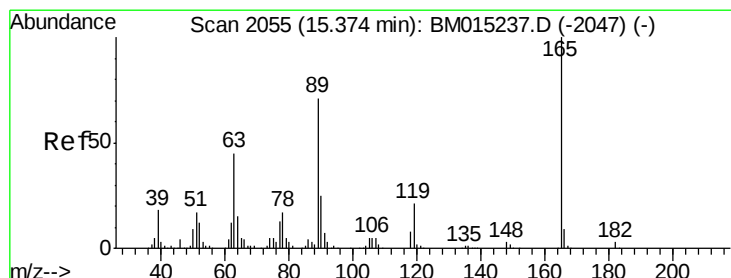
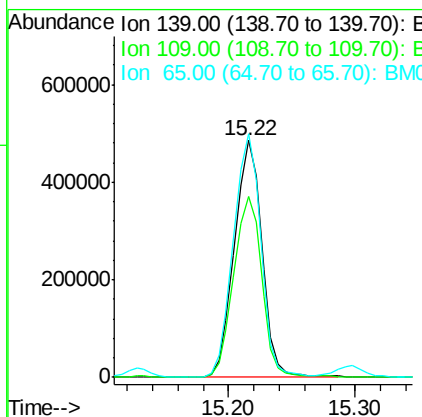
#55
4-Nitrophenol
Concen: 94.770 ng
RT: 15.22 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	730366		
109	76.1	130.0	170.0#	
65	102.7	130.0	170.0#	

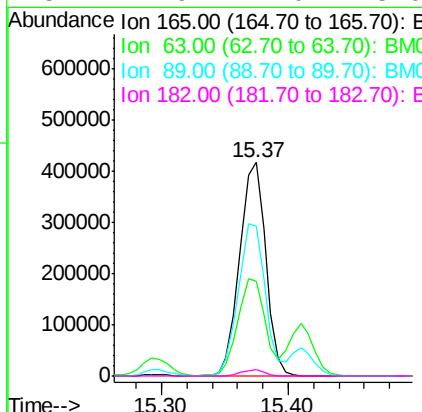
Manual Integrations
APPROVED

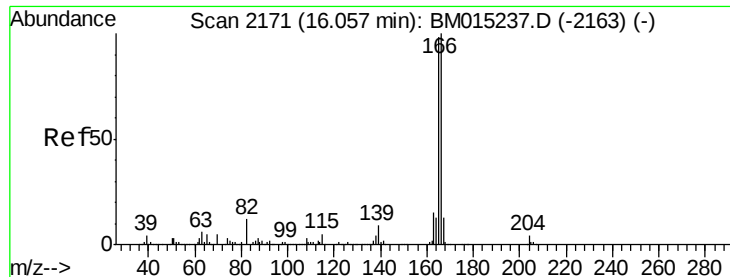
Sohil
5/24/2018 11:02:49 AM



#56
2,4-Dinitrotoluene
Concen: 48.176 ng
RT: 15.37 min Scan# 2055
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	595288		
63	44.1	52.4	78.6#	
89	70.2	72.4	108.6#	
182	2.9	2.0	3.0	





#57

Fluorene

Concen: 48.562 ng

RT: 16.05 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

ClientSampleId :

PB109579BS

Tot Ion:166 Resp: 2043258

Ion Ratio Lower Upper

166 100

165 98.3 79.0 118.4

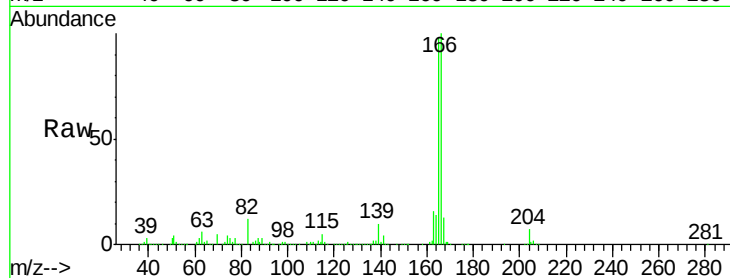
167 13.3 10.3 15.5

Manual Integrations

APPROVED

Sohil

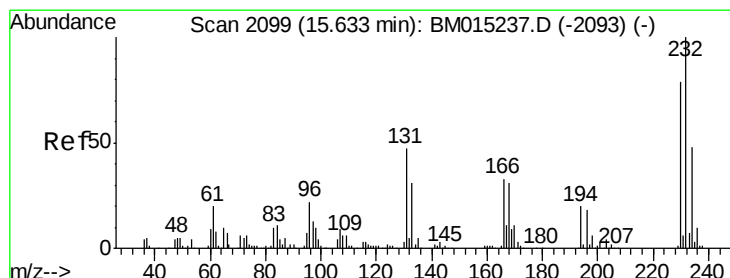
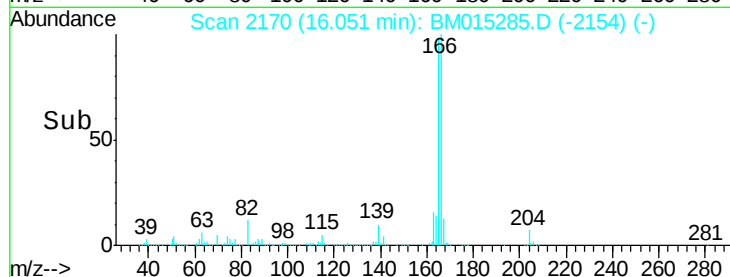
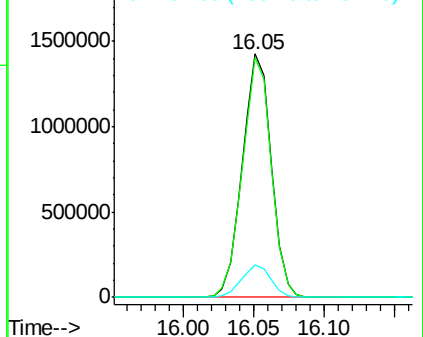
5/24/2018 11:02:49 AM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.745 ng

RT: 15.63 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tgt Ion:232 Resp: 528406

Ion Ratio Lower Upper

232 100

131 47.4 0.0 0.0#

130 2.6 0.0 0.0#

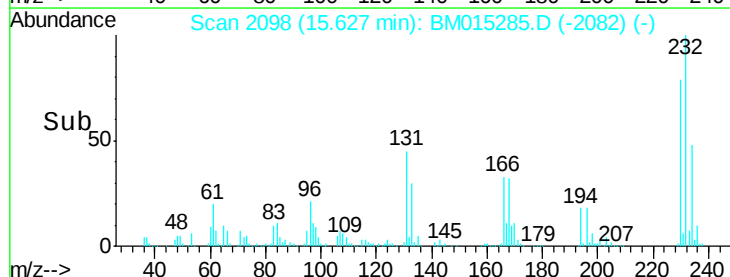
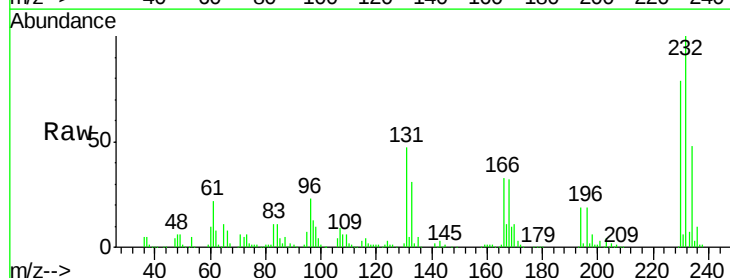
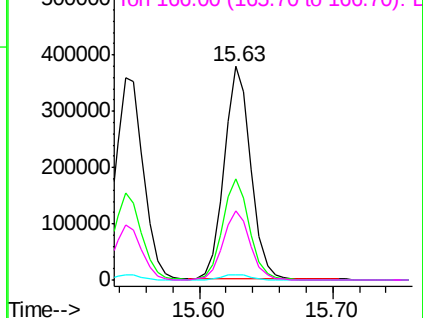
166 32.9 0.0 0.0#

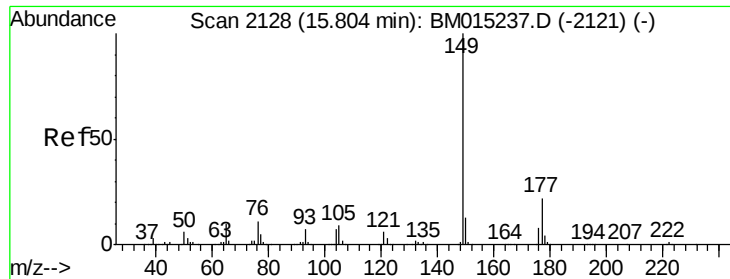
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





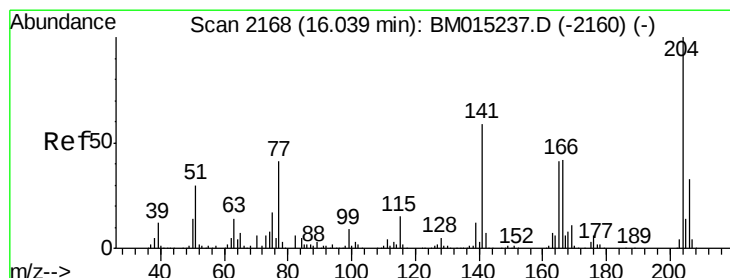
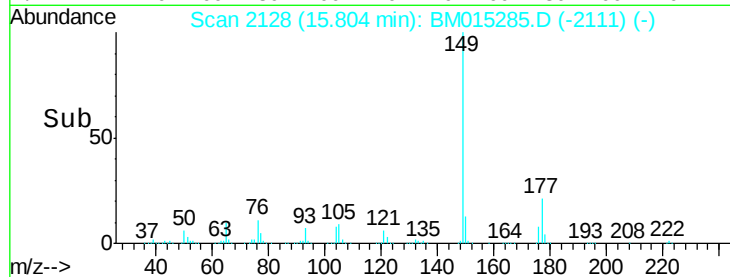
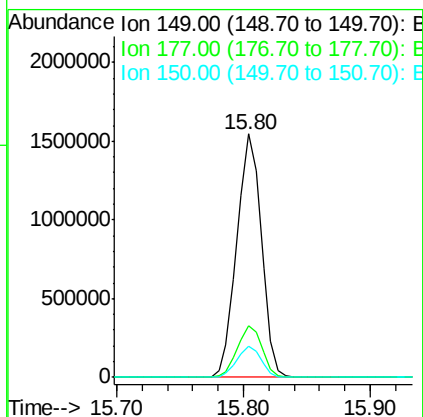
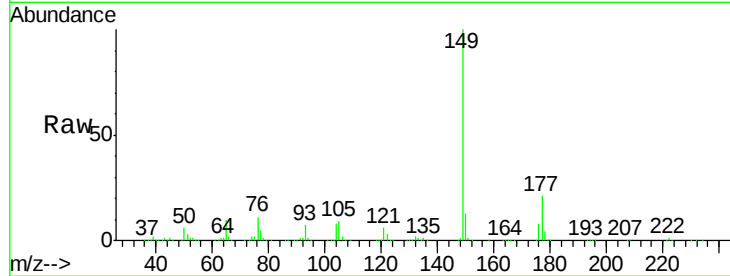
#59
Diethylphthalate
Concen: 48.564 ng
RT: 15.80 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion:149 Resp: 2070606
Ion Ratio Lower Upper
149 100
177 21.2 18.3 27.5
150 12.5 9.8 14.8

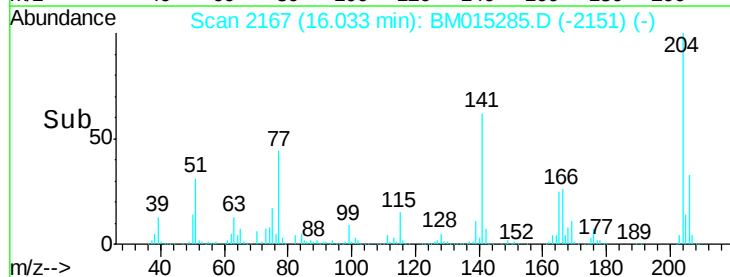
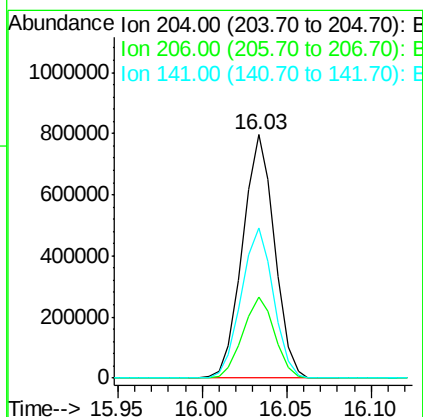
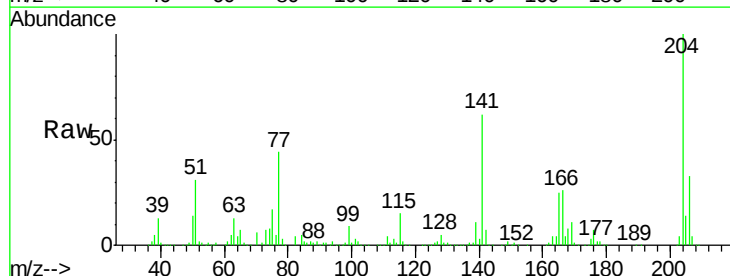
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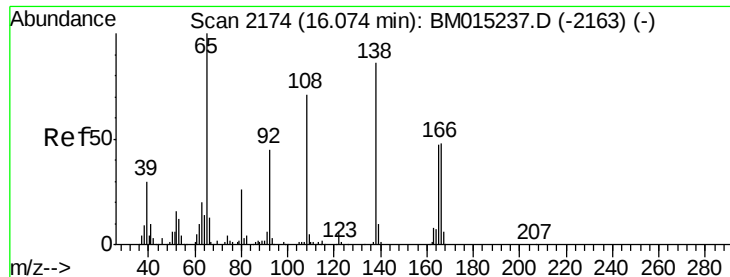
Sohil
5/24/2018 11:02:49 AM



#60
4-Chlorophenyl-phenylether
Concen: 49.053 ng
RT: 16.03 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion:204 Resp: 1051280
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 61.9 45.2 67.8





#61

4-Nitroaniline

Concen: 43.396 ng

RT: 16.07 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

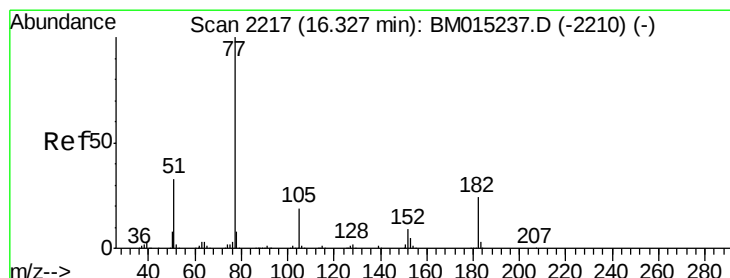
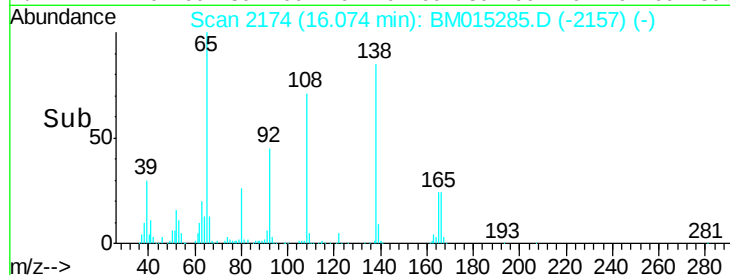
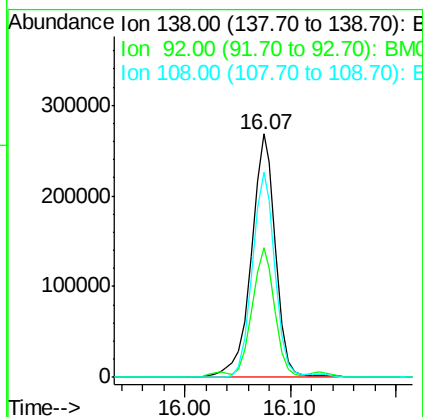
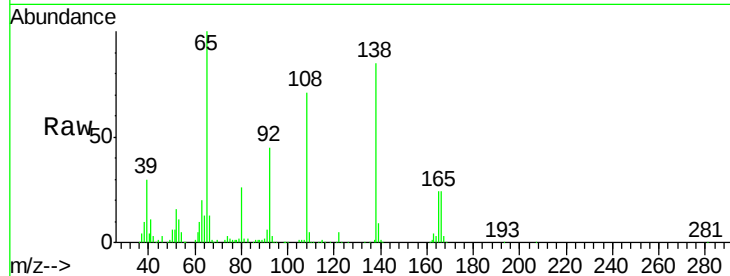
ClientSampleId :

PB109579BS

Tot Ion:	138	Resp:	431104
Ion Ratio	Lower	Upper	
138	100		
92	53.2	16.7	56.7
108	84.2	37.6	77.6#

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#62

Azobenzene

Concen: 52.134 ng

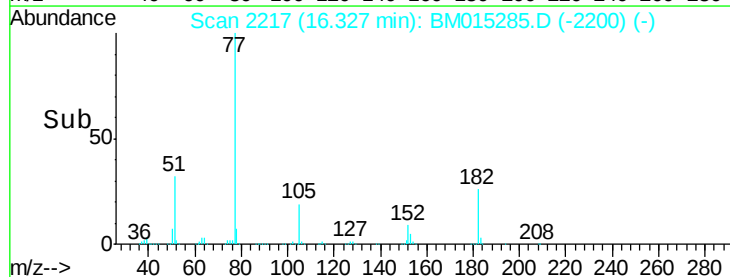
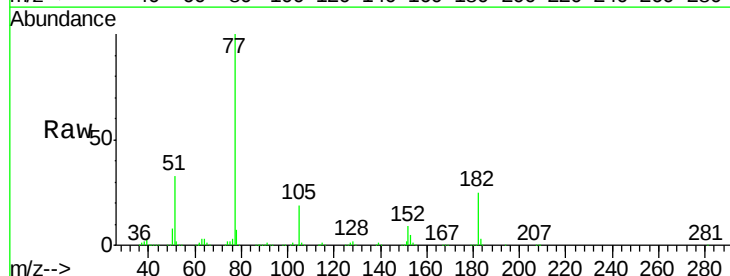
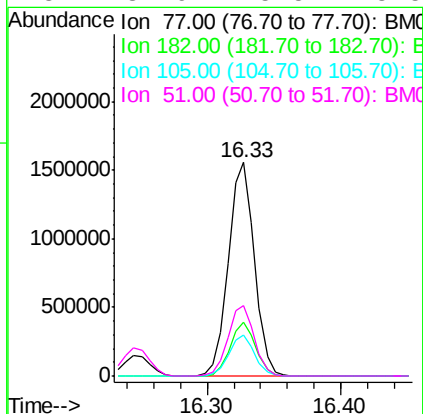
RT: 16.33 min Scan# 2217

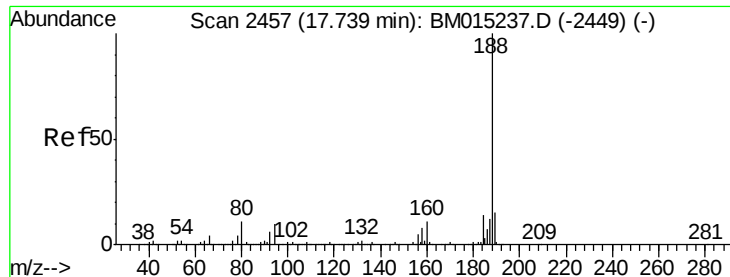
Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tgt Ion:	77	Resp:	2111626
Ion Ratio	Lower	Upper	
77	100		
182	25.3	6.5	46.5
105	19.2	3.8	43.8
51	32.9	5.5	45.5





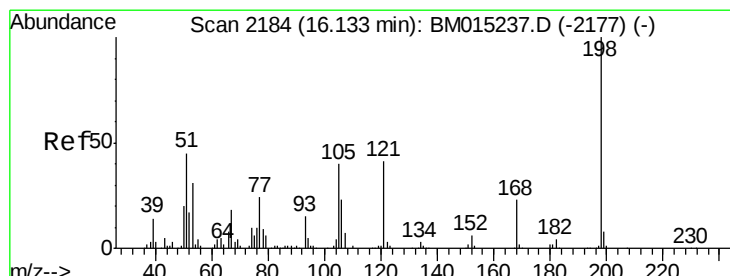
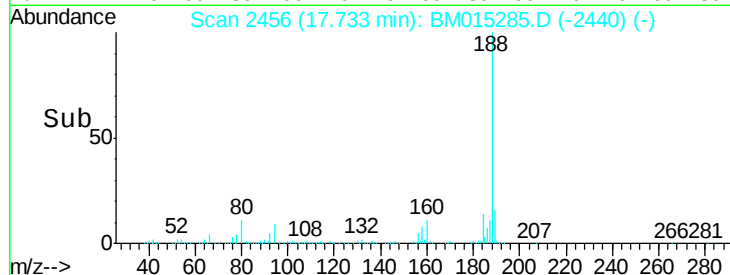
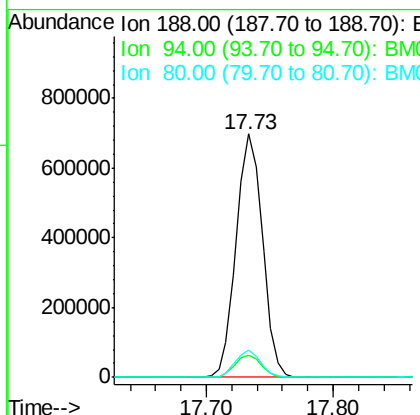
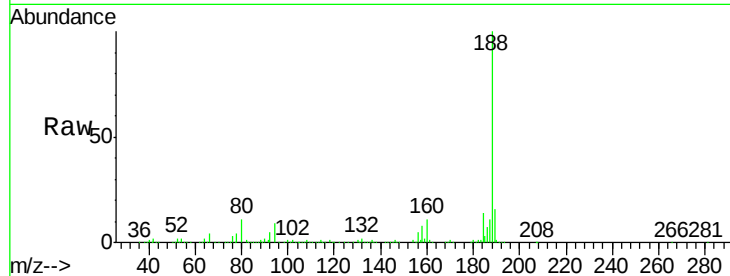
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.7	13.1
80	11.0	9.3	13.9

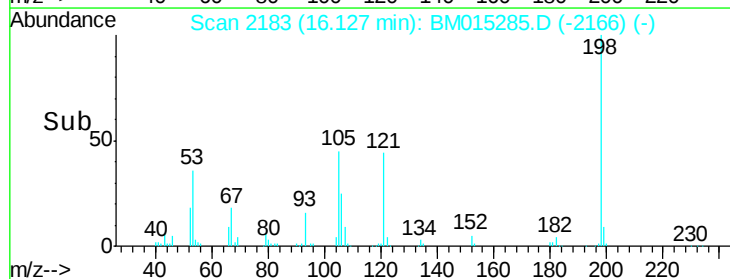
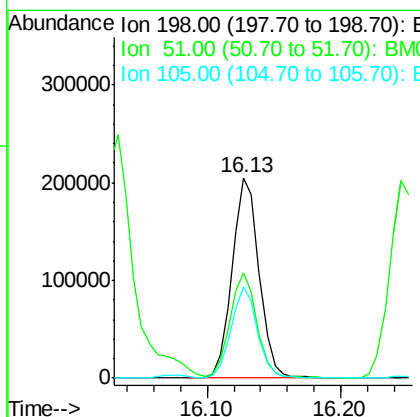
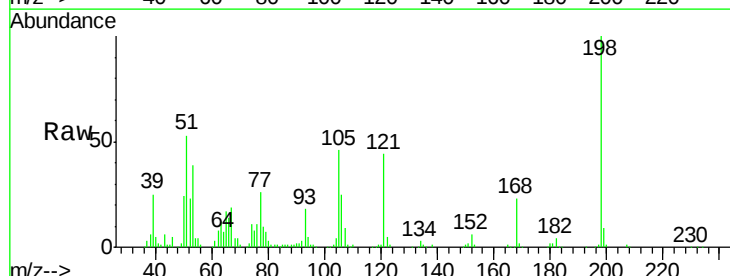
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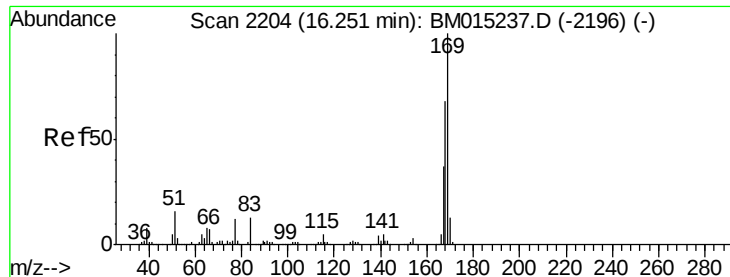
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#64
4,6-Dinitro-2-methylphenol
Concen: 52.274 ng
RT: 16.13 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
198	100		
51	52.7	28.8	68.8
105	45.6	30.5	70.5





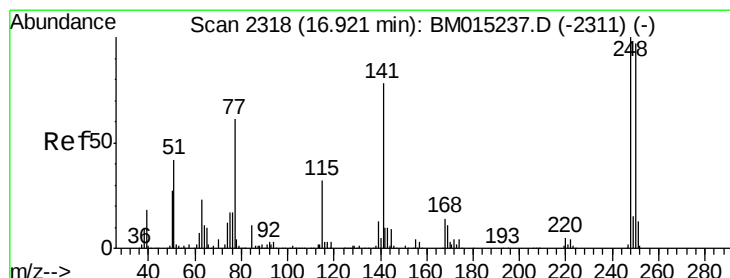
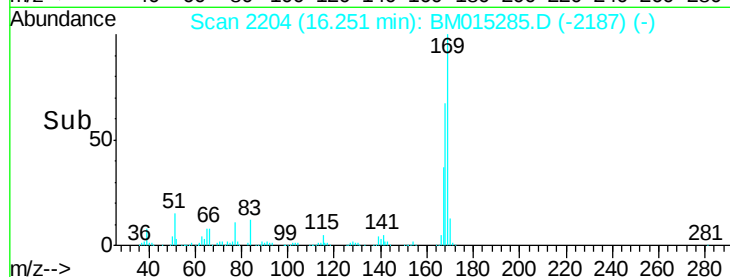
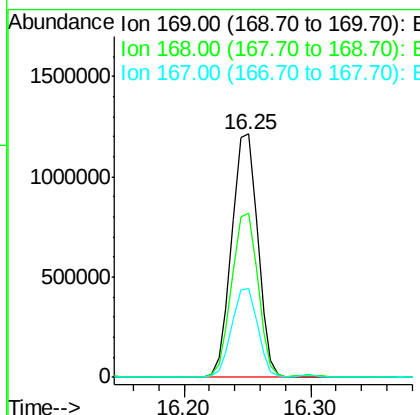
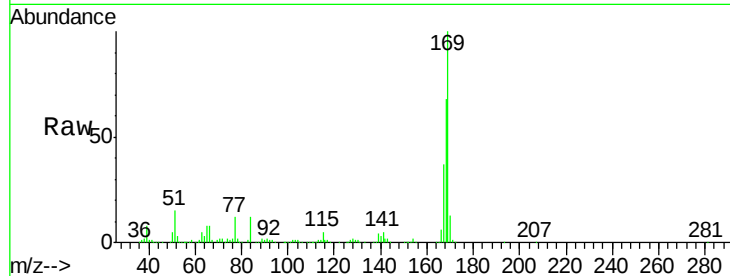
#65
n-Nitrosodiphenylamine
Concen: 53.598 ng
RT: 16.25 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion:169 Resp: 1724038
Ion Ratio Lower Upper
169 100
168 67.7 53.9 80.9
167 36.5 28.9 43.3

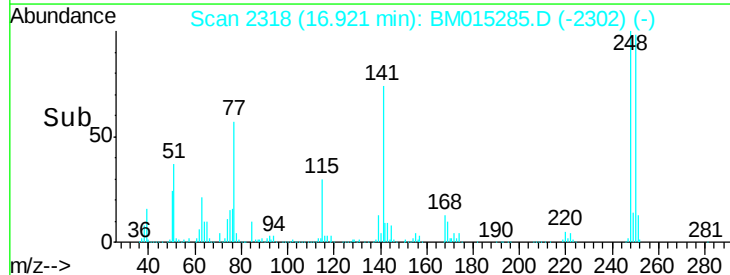
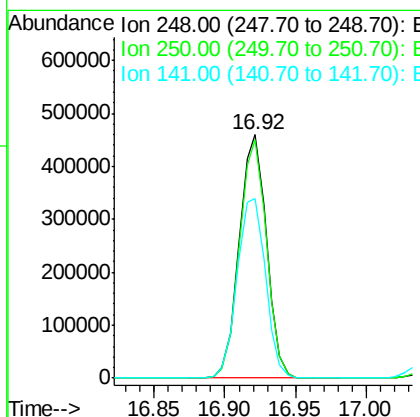
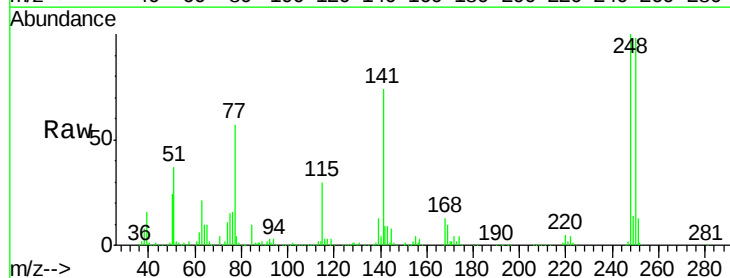
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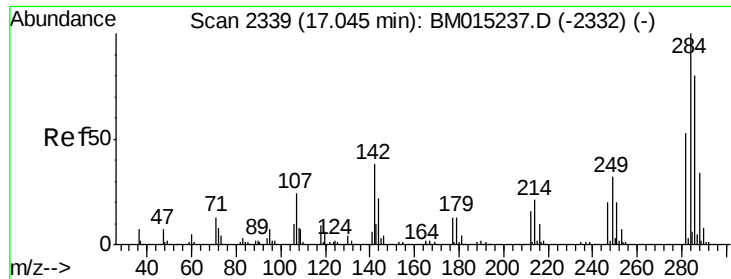
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 55.271 ng
RT: 16.92 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion:248 Resp: 618174
Ion Ratio Lower Upper
248 100
250 98.0 77.4 116.0
141 73.5 45.2 67.8#





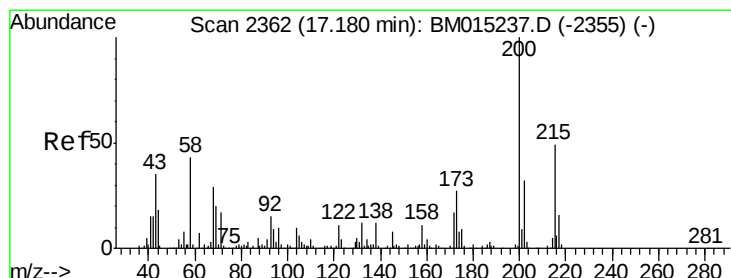
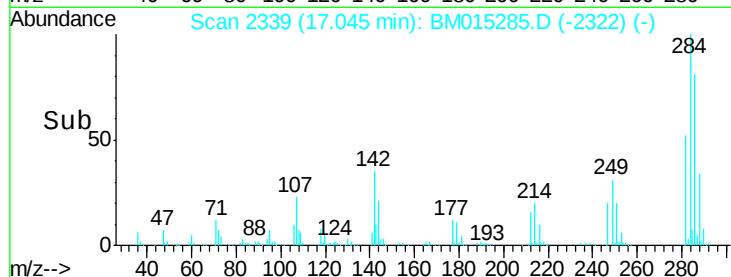
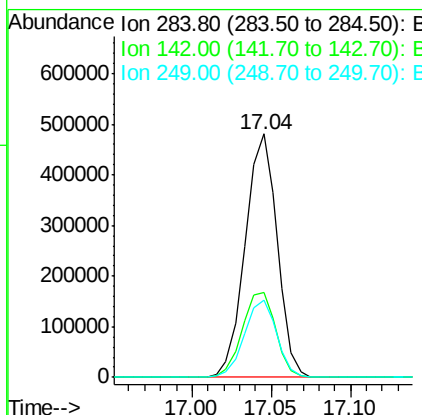
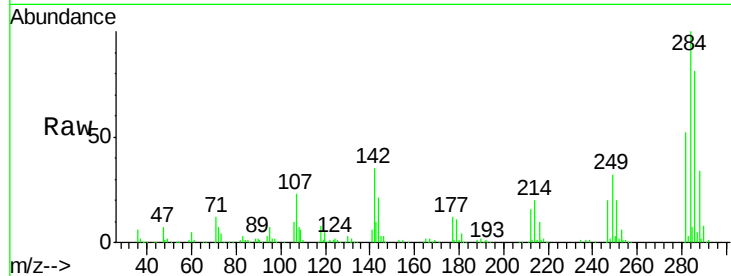
#67
Hexachlorobenzene
Concen: 52.254 ng
RT: 17.04 min Scan# 2339
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	673027		
142	34.9	20.4	30.6	
249	31.7	23.8	35.6	

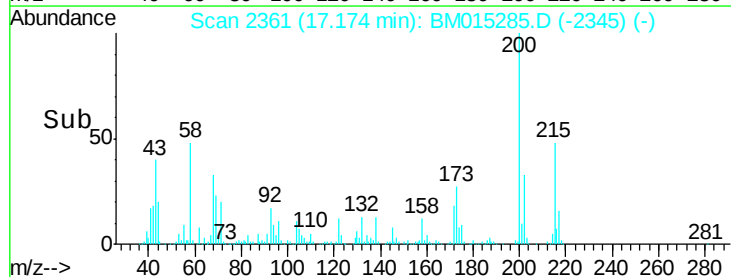
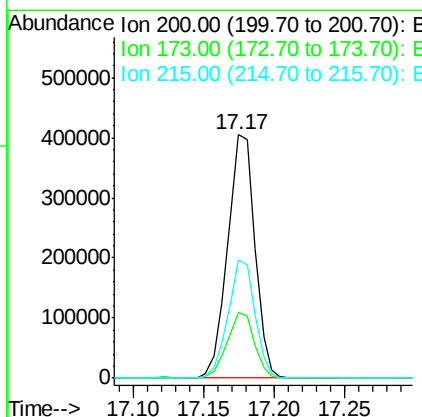
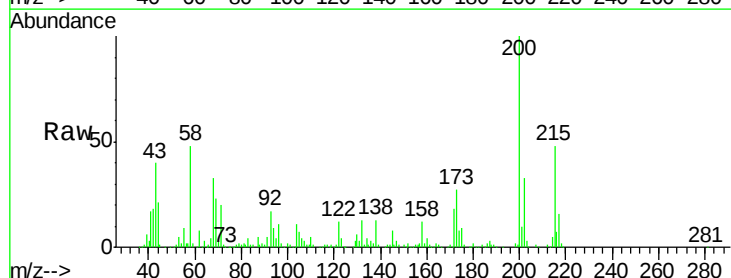
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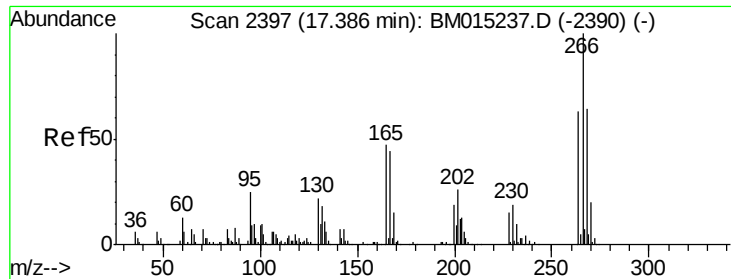
Sohil
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#68
Atrazine
Concen: 53.601 ng
RT: 17.17 min Scan# 2361
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	546916		
173	27.2	4.8	44.8	
215	48.3	26.9	66.9	





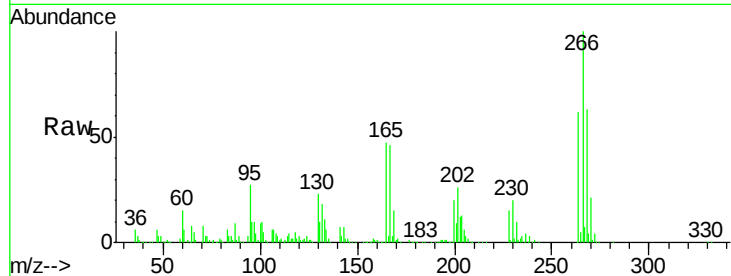
#69
 Pentachlorophenol
 Concen: 104.780 ng
 RT: 17.38 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Instrument :
 BNA_M
 ClientSampleId :
 PB109579BS

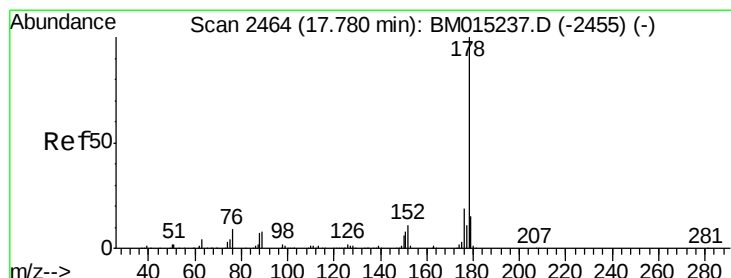
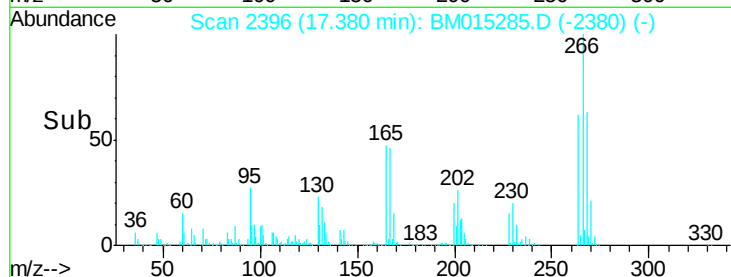
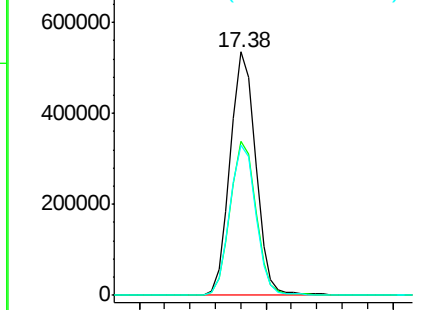
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	52.0	78.0
264	61.8	49.0	73.4

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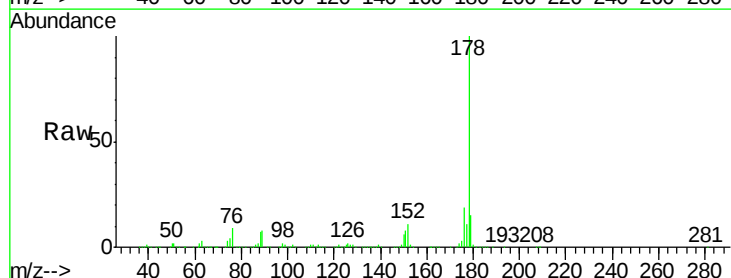


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

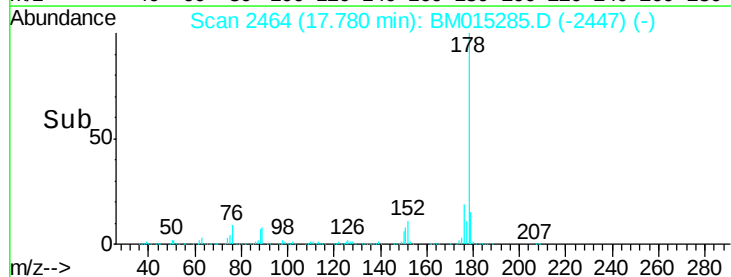
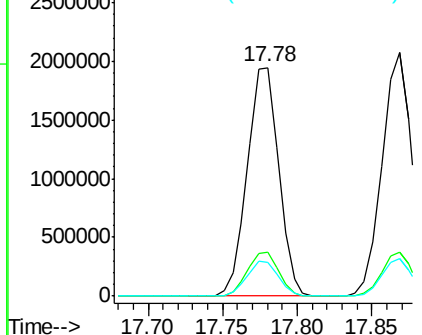


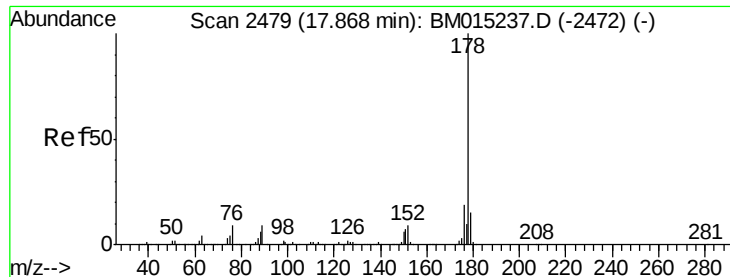
#70
 Phenanthrene
 Concen: 49.749 ng
 RT: 17.78 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.0	12.1	18.1



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





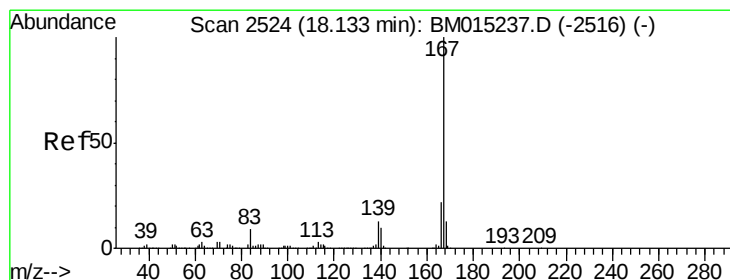
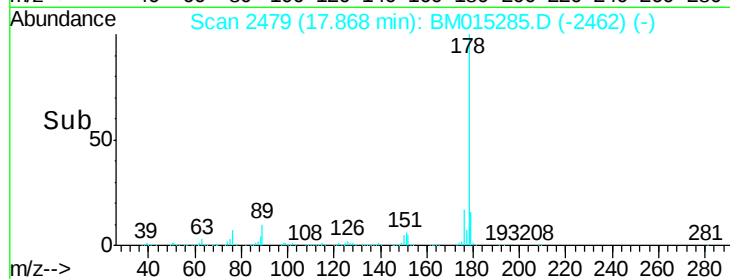
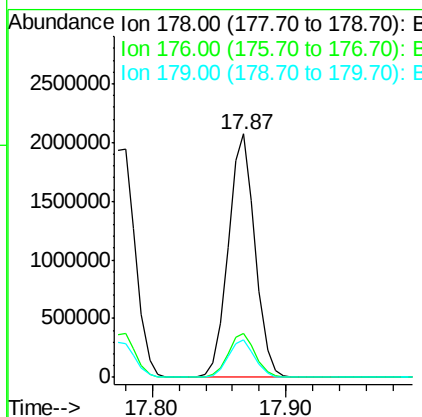
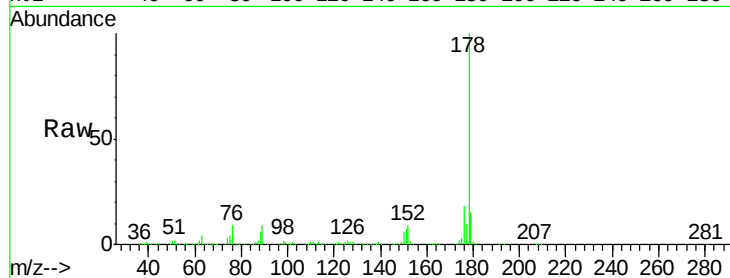
#71
 Anthracene
 Concen: 50.728 ng
 RT: 17.87 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Instrument :
 BNA_M
 ClientSampled :
 PB109579BS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	18.3	14.6	22.0	
179	15.3	12.6	19.0	

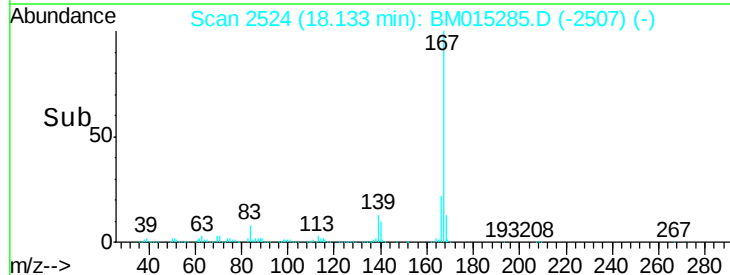
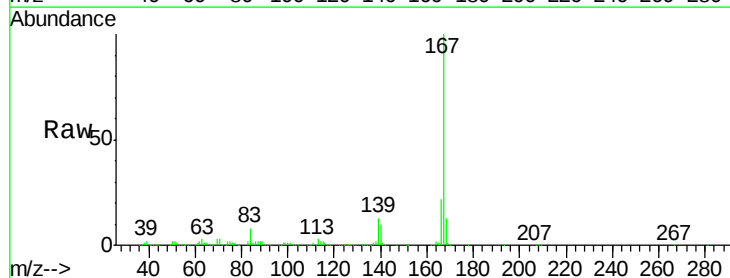
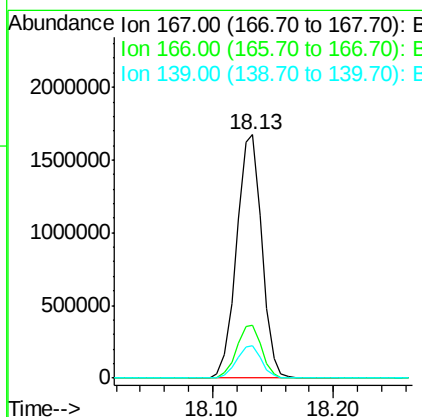
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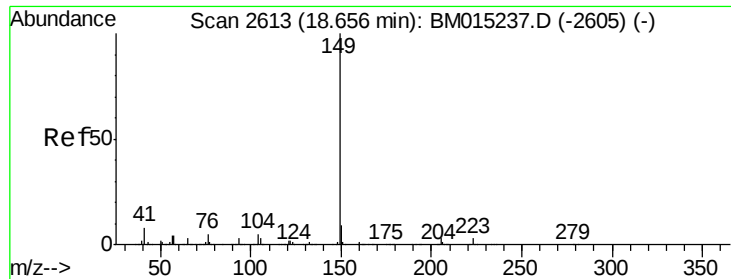
Sohil
 5/24/2018 11:02:49 AM



#72
 Carbazole
 Concen: 48.265 ng
 RT: 18.13 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Tgt Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.7	17.2	25.8	
139	13.2	10.8	16.2	





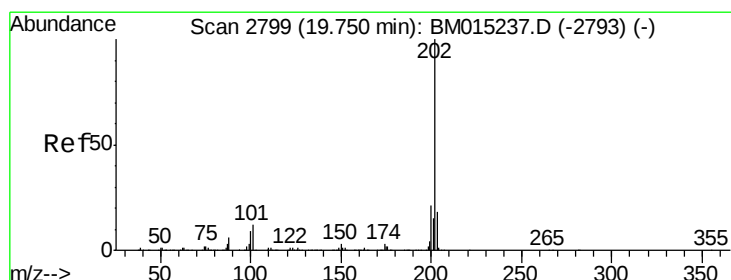
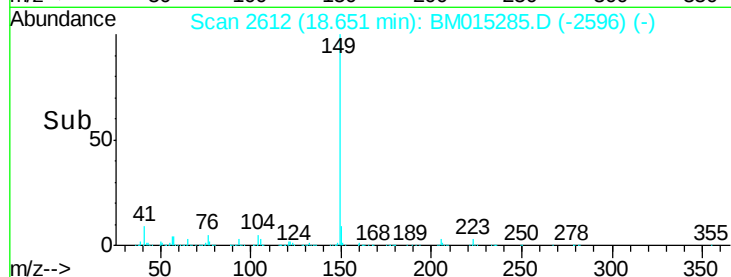
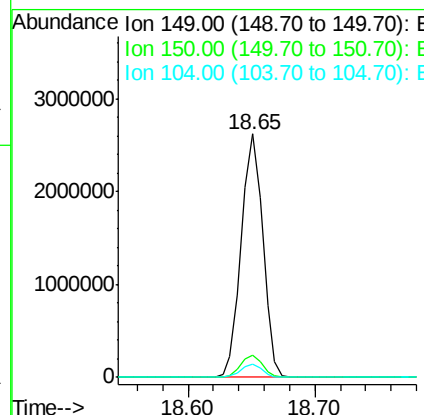
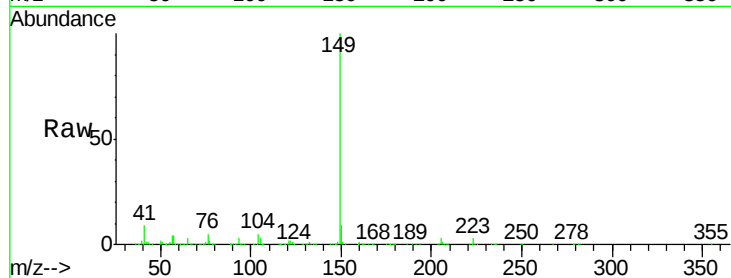
#73
Di-n-butylphthalate
Concen: 52.044 ng
RT: 18.65 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion:149 Resp: 3083284
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.3 3.7 5.5

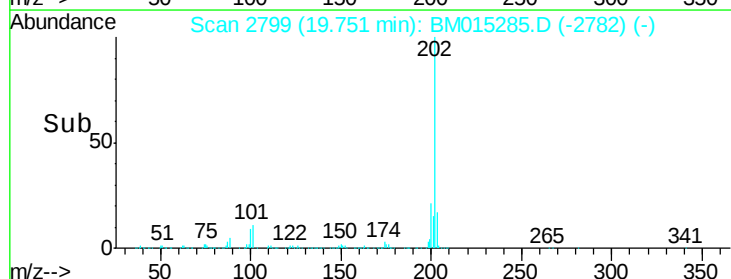
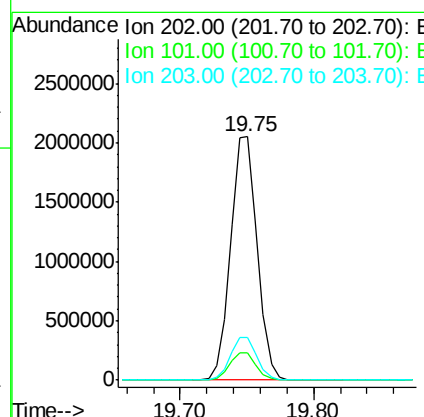
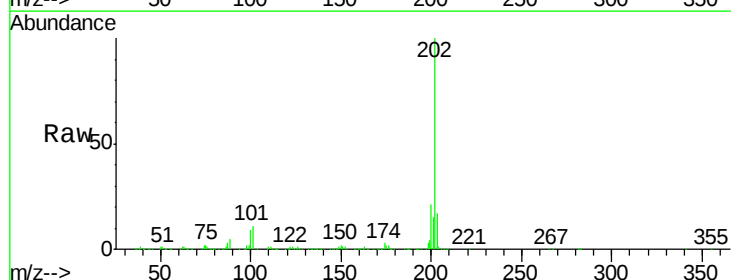
Manual Integrations
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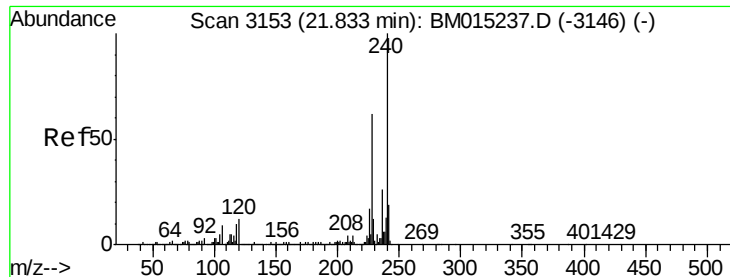
Sohil
5/24/2018 11:02:49 AM



#74
Fluoranthene
Concen: 45.854 ng
RT: 19.75 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion:202 Resp: 2867536
Ion Ratio Lower Upper
202 100
101 11.0 0.0 28.7
203 17.5 0.0 37.2





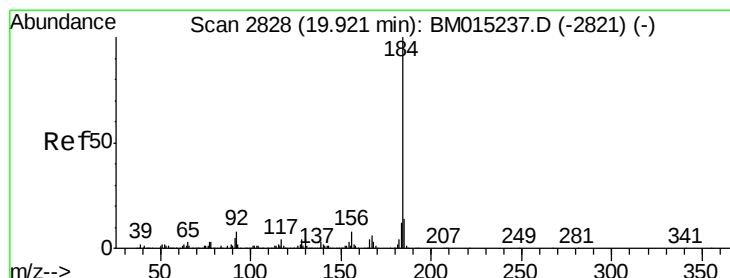
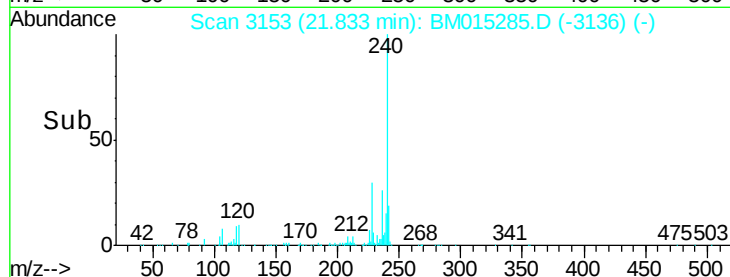
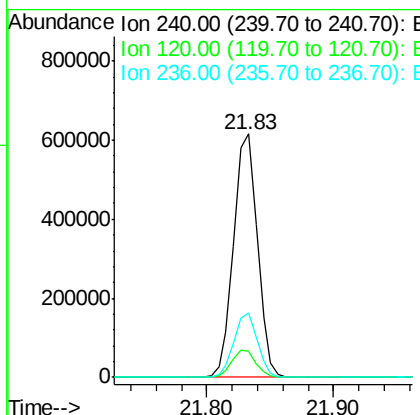
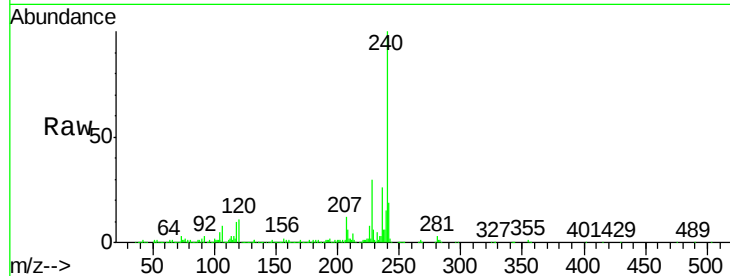
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.83 min Scan# 3153
 Delta R.T. 0.00 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Instrument :
 BNA_M
 ClientSampleId :
 PB109579BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.2	12.2
236	26.3	20.0	30.0

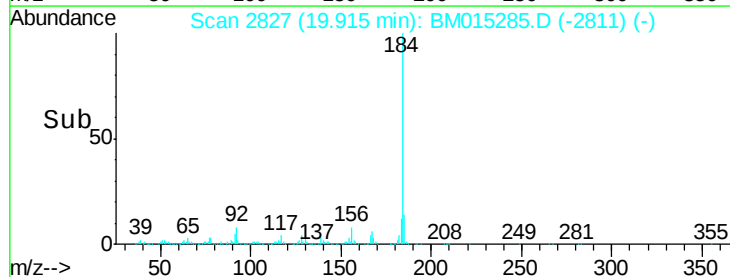
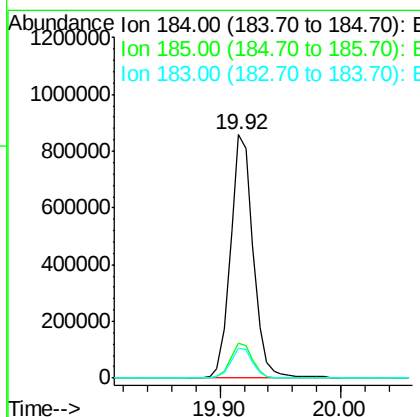
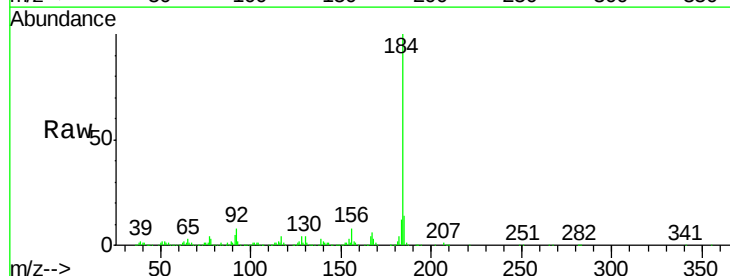
Manual Integrations
 APPROVED

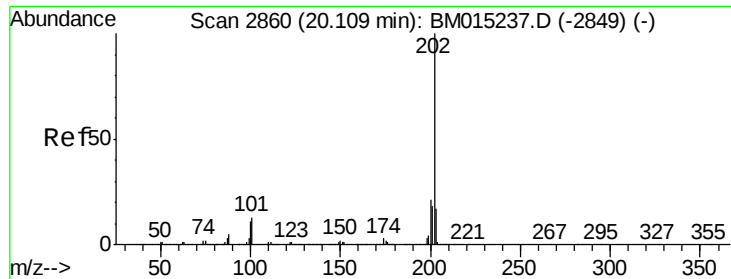
Sohil
 5/24/2018 11:02:49 AM



#76
 Benzidine
 Concen: 44.862 ng
 RT: 19.92 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	12.3	8.9	13.3





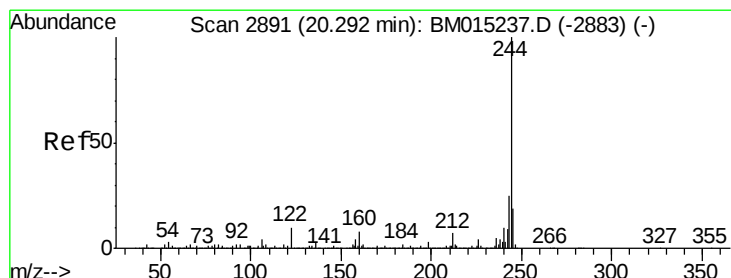
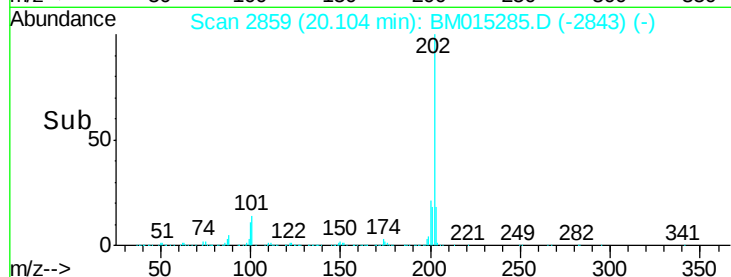
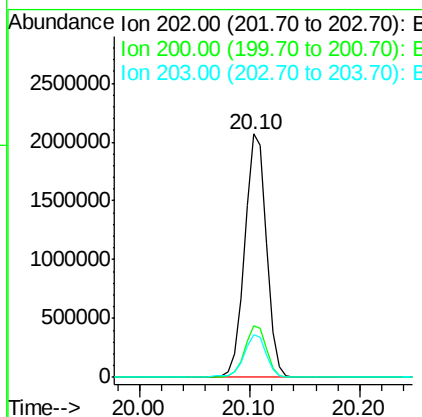
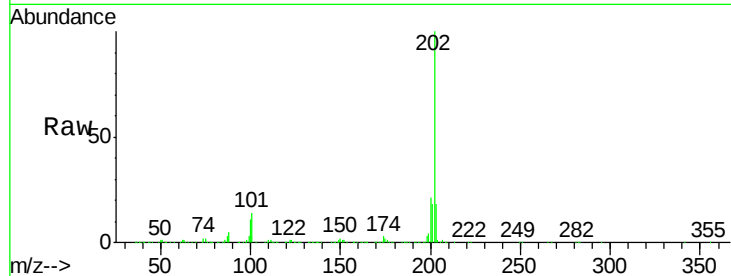
#77
Pvrene
Concen: 56.644 ng
RT: 20.10 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampled :
PB109579BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	21.1	16.9	25.3		
203	17.6	14.1	21.1		

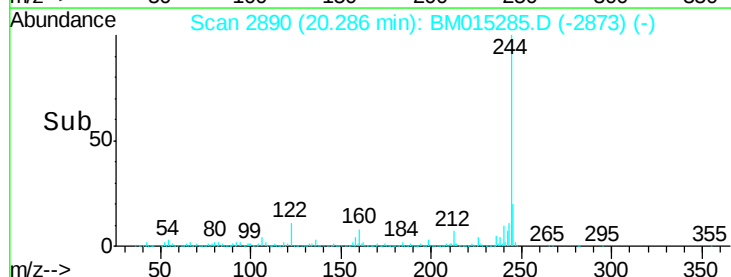
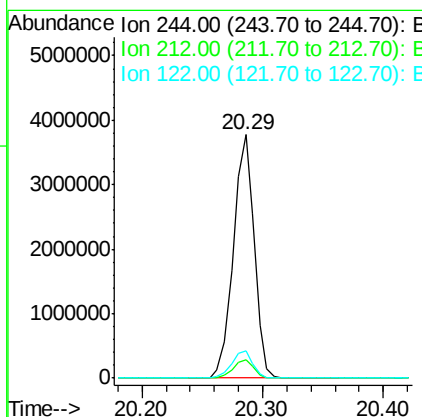
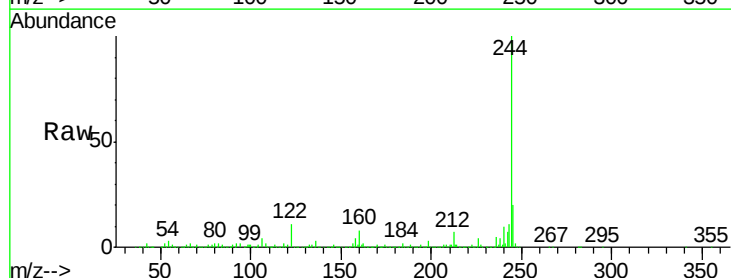
Manual Integrations
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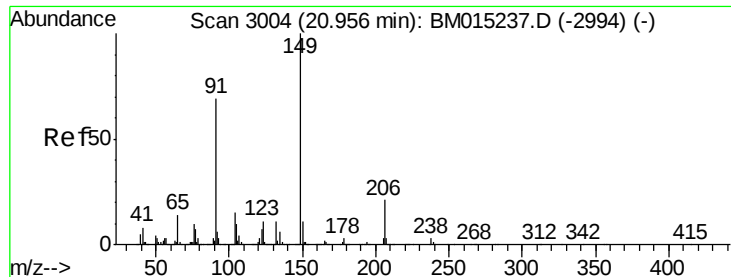
Sohil
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#78
Terphenyl-d14
Concen: 125.119 ng
RT: 20.29 min Scan# 2890
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
244	100				
212	7.3	4.9	7.3		
122	11.1	6.2	9.4#		





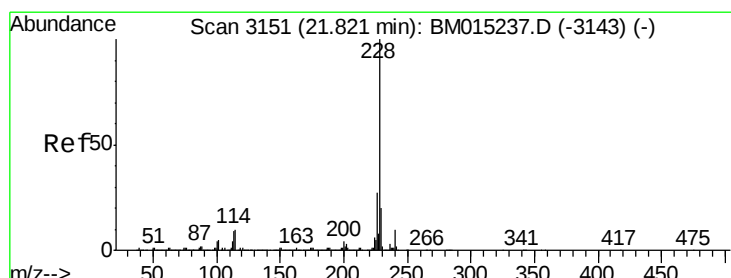
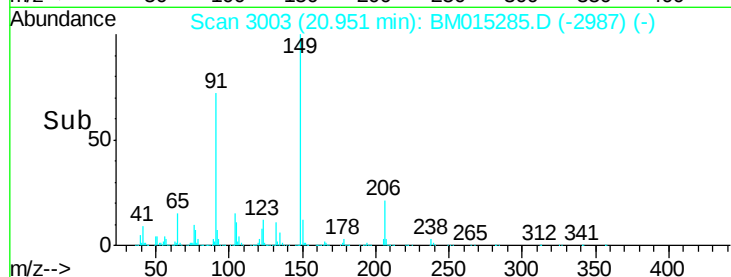
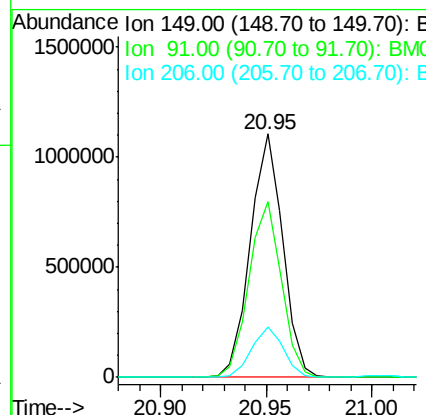
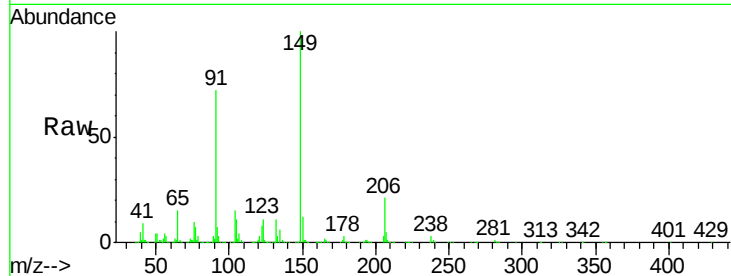
#79
Butylbenzylphthalate
Concen: 57.223 ng
RT: 20.95 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.3	50.1	75.1
206	20.7	16.2	24.2

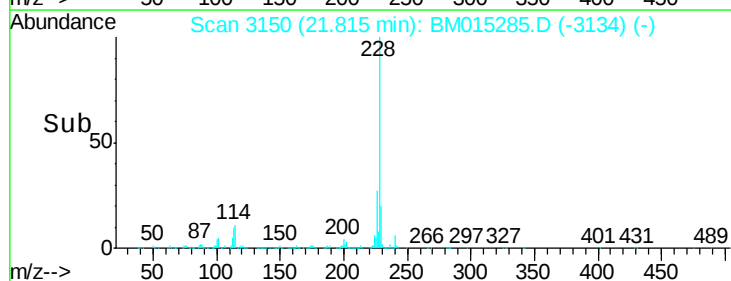
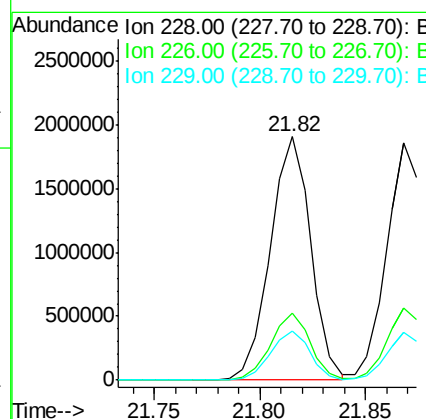
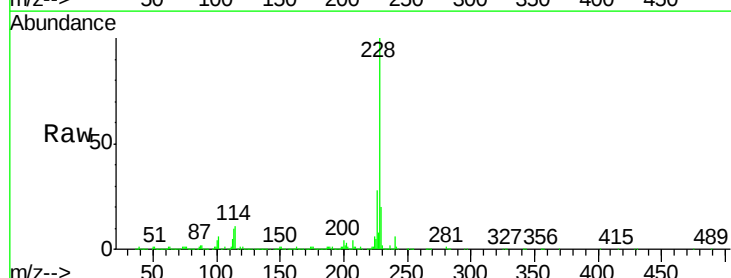
Manual Integrations
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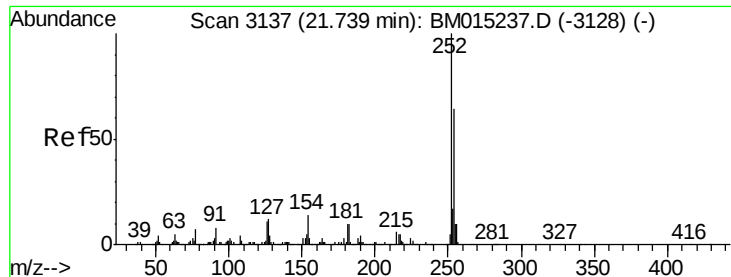
Sohil
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#80
Benzo(a)anthracene
Concen: 50.357 ng
RT: 21.82 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	20.0	16.0	24.0





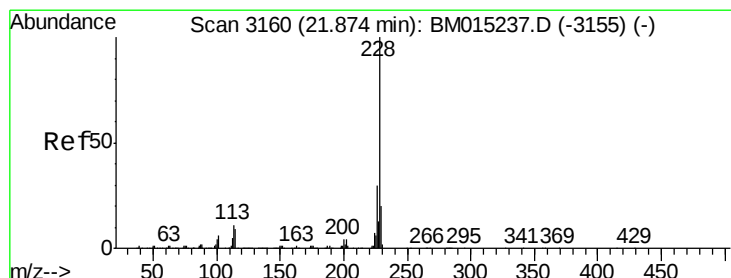
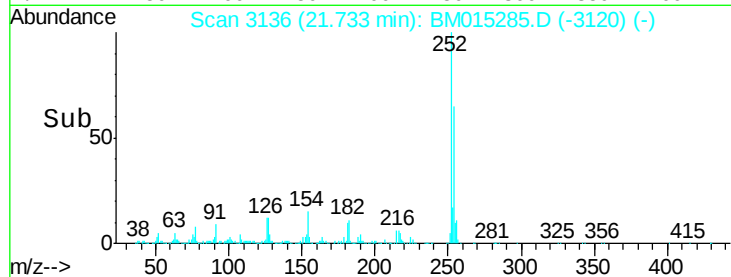
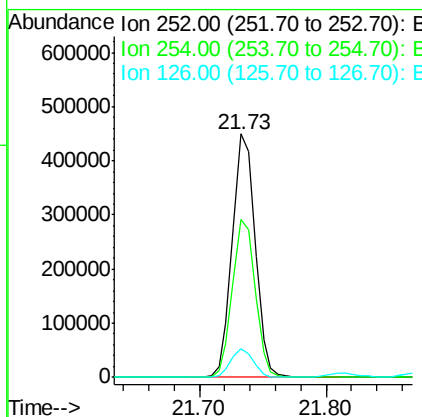
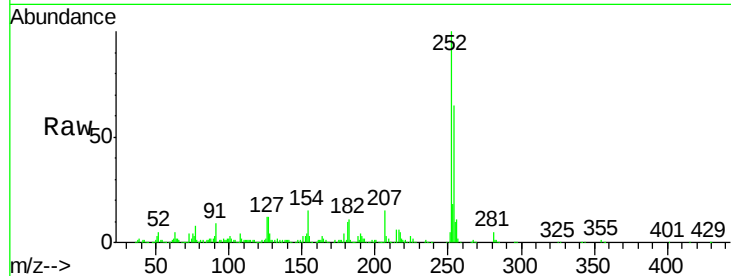
#81
 3,3'-Dichlorobenzidine
 Concen: 30.188 ng
 RT: 21.73 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Instrument :
 BNA_M
 ClientSampleId :
 PB109579BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	11.7	9.8	14.8

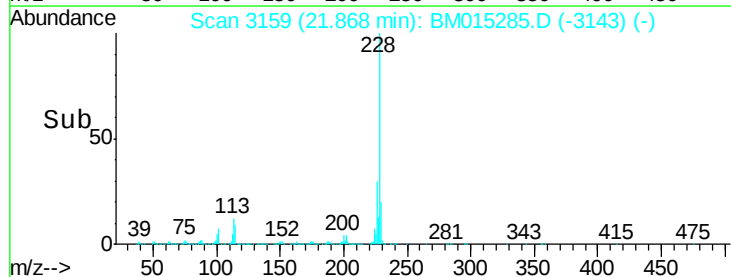
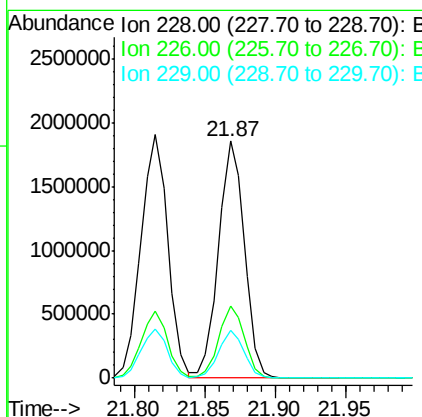
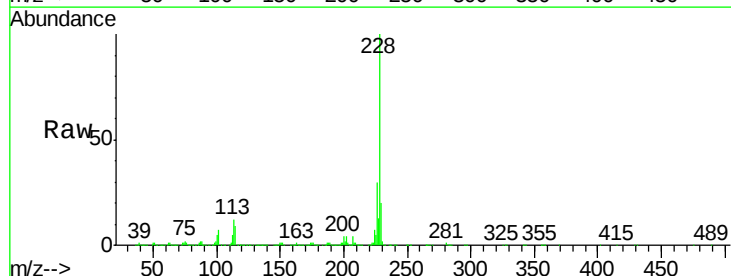
Manual Integrations
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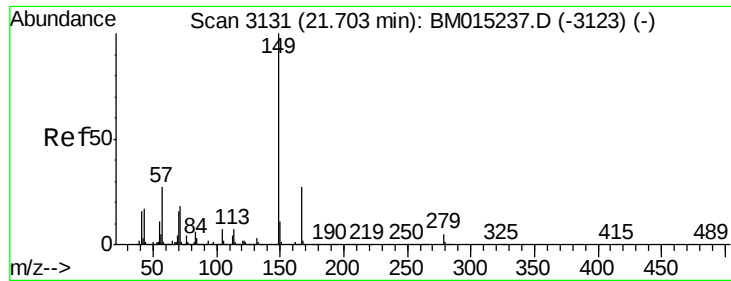
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#82
 Chrysene
 Concen: 49.866 ng
 RT: 21.87 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BM015285.D
 Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	20.0	15.5	23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 56.197 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Instrument :

BNA_M

ClientSampleId :

PB109579BS

Tot Ion:149 Resp: 1681697

Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.4	33.6
279	4.3	3.4	5.0

149 100

167 26.8 22.4 33.6

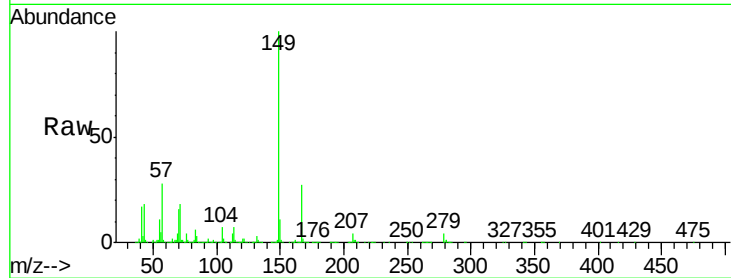
279 4.3 3.4 5.0

Manual Integrations

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Sohil

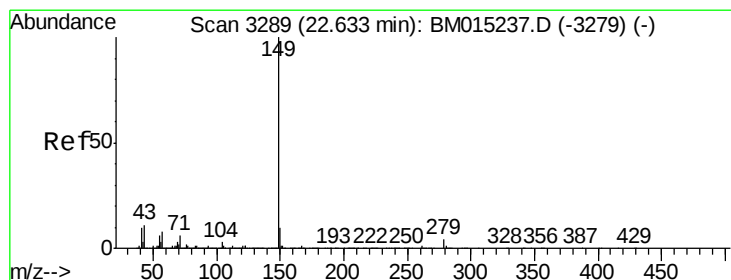
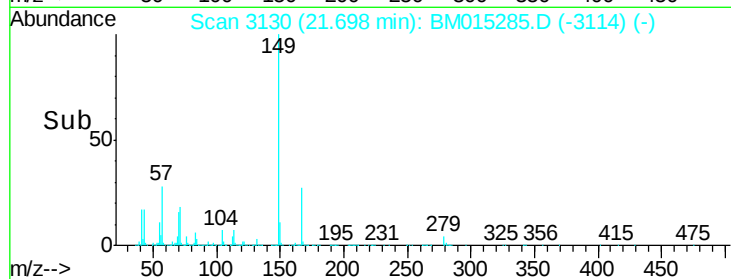
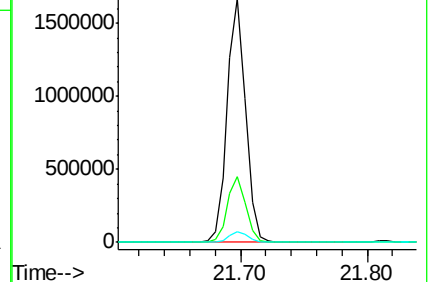
5/24/2018 11:02:49 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.009 ng

RT: 22.63 min Scan# 3289

Delta R.T. 0.00 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tgt Ion:149 Resp: 2669791

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	11.4	7.3	10.9#

149 100

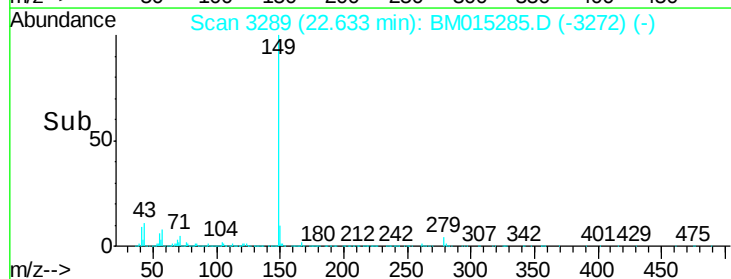
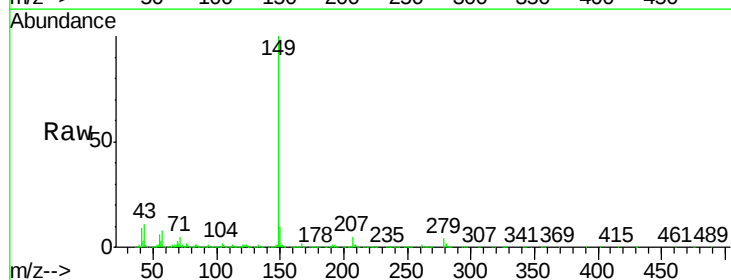
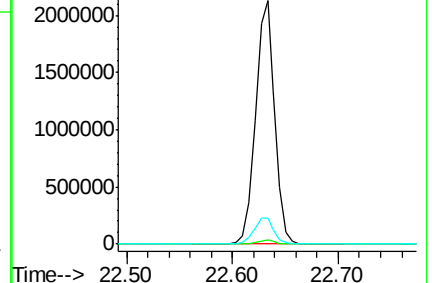
167 1.7 1.2 1.8

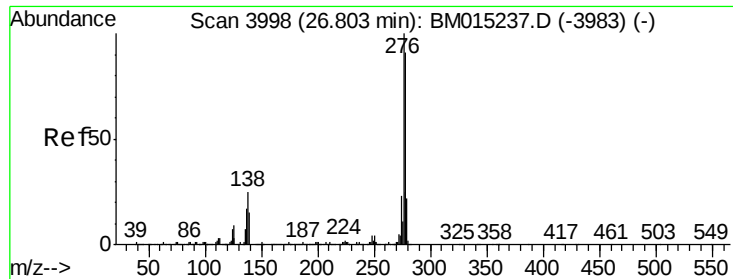
43 11.4 7.3 10.9#

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





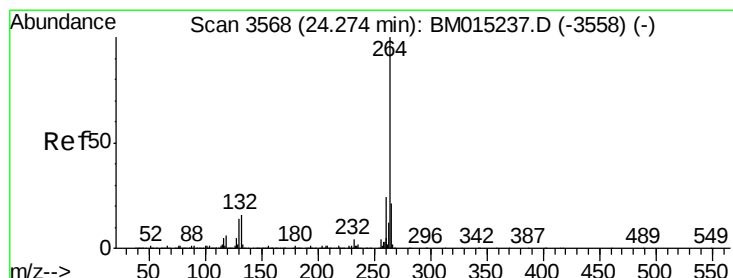
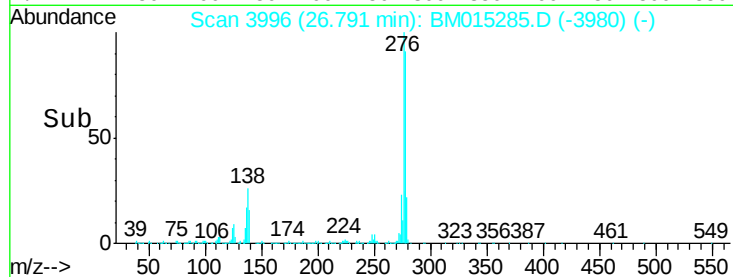
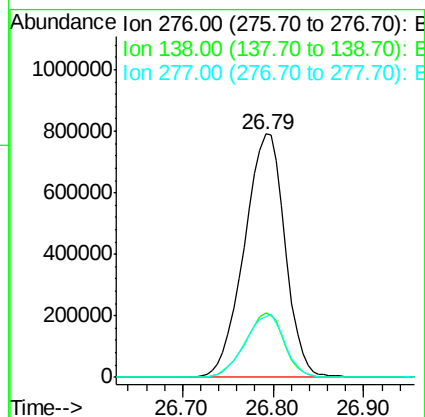
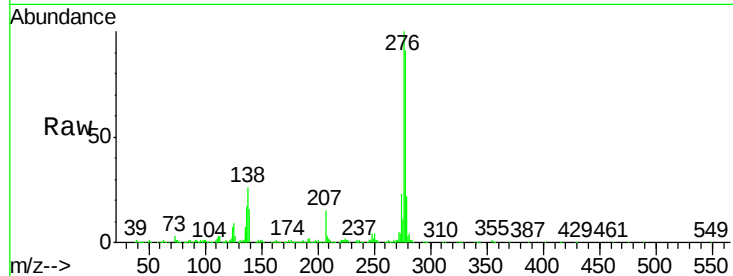
#85
Indeno(1,2,3-cd)pyrene
Concen: 42.893 ng
RT: 26.79 min Scan# 3996
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleID :
PB109579BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	12.0	18.0#
277	25.4	20.0	30.0

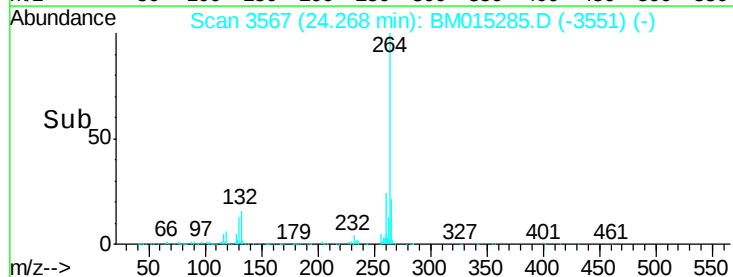
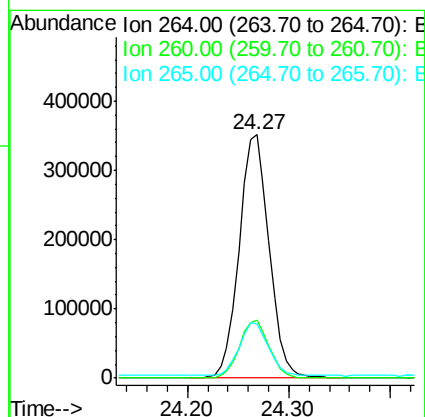
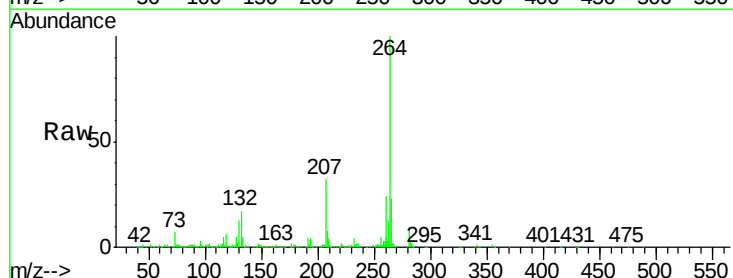
Manual Integrations
APPROVED

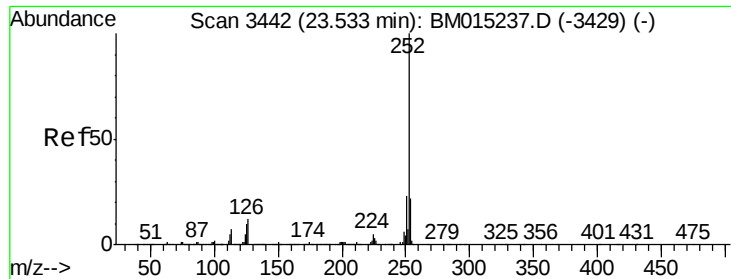
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.27 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.5	17.3	25.9





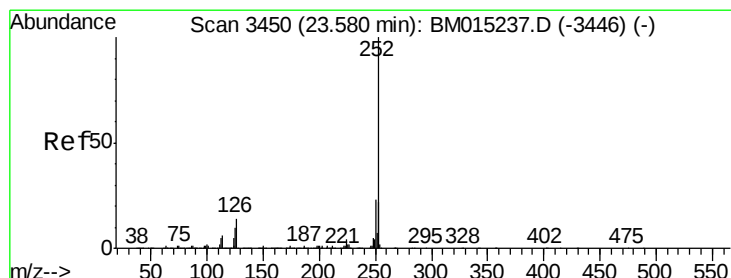
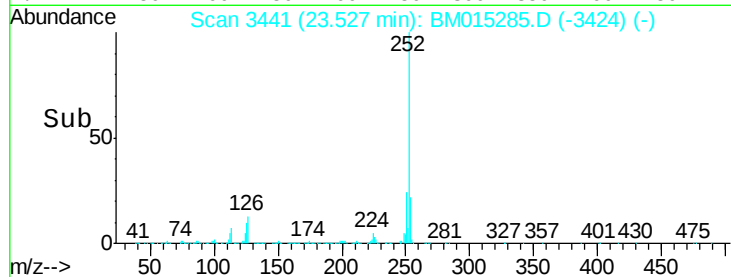
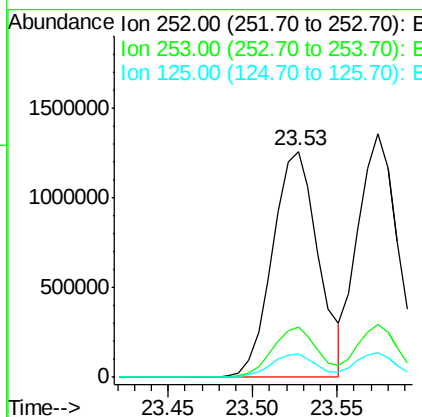
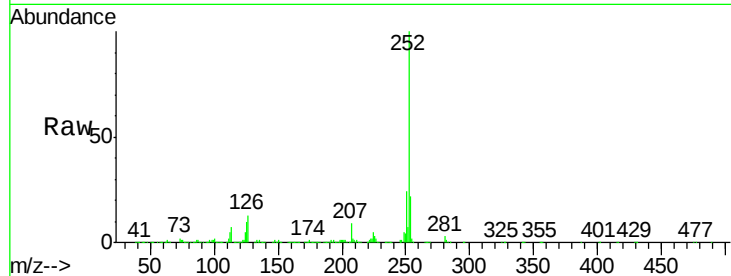
#87
Benzo(b)fluoranthene
Concen: 52.159 ng
RT: 23.53 min Scan# 3441
Delta R.T. 0.00 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	10.1	9.9	14.9

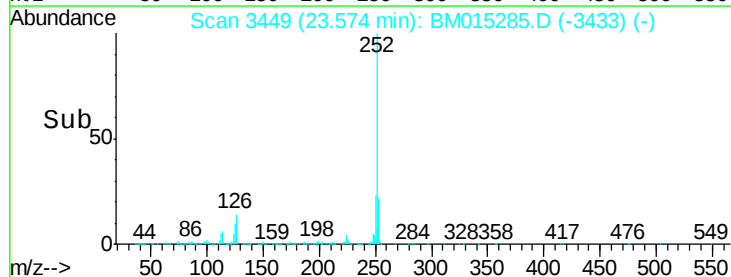
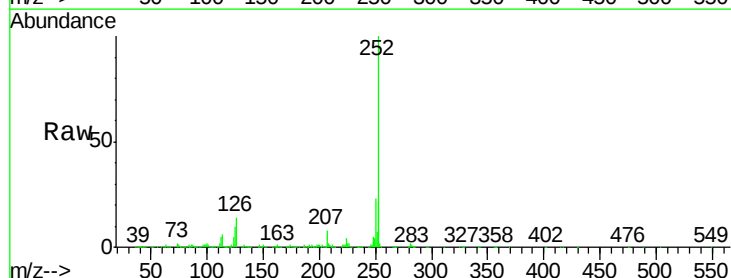
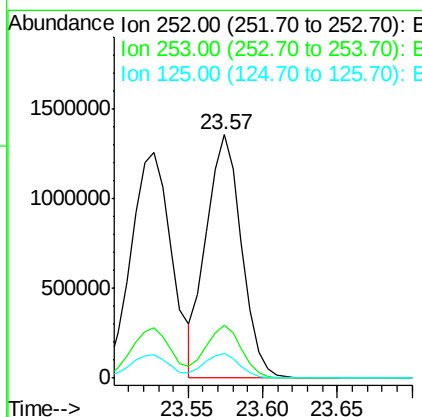
Manual Integrations
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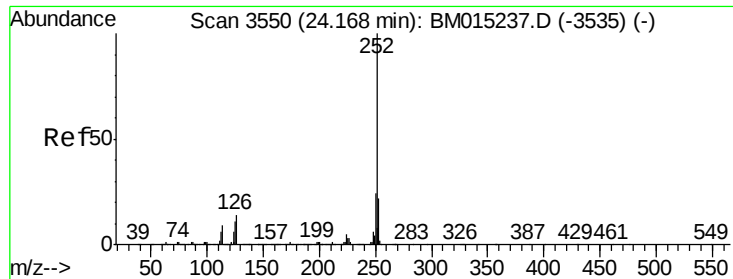
Sohil
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#88
Benzo(k)fluoranthene
Concen: 51.744 ng
RT: 23.57 min Scan# 3449
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.3	8.1	12.1





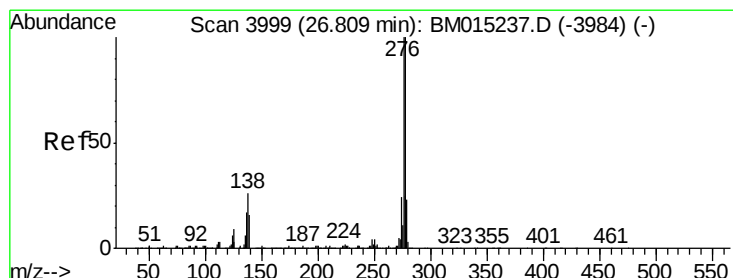
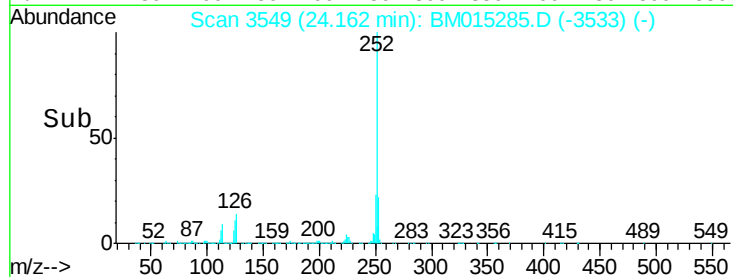
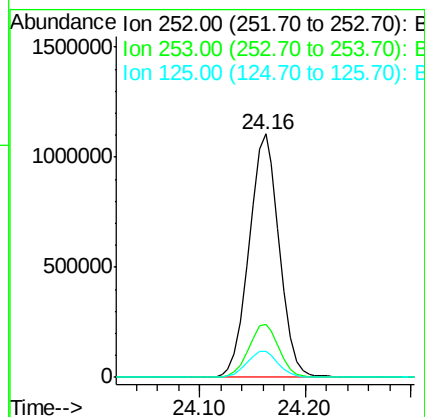
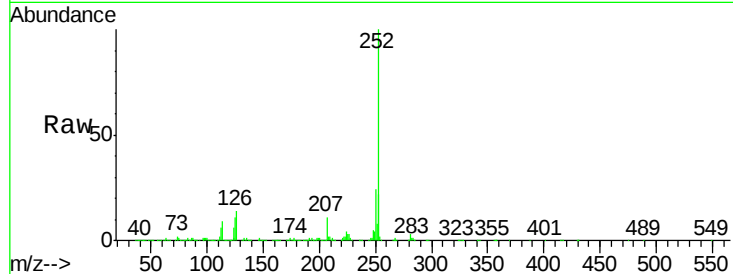
#89
Benzo(a)pyrene
Concen: 51.420 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Instrument :
BNA_M
ClientSampleId :
PB109579BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.9	7.4	11.2

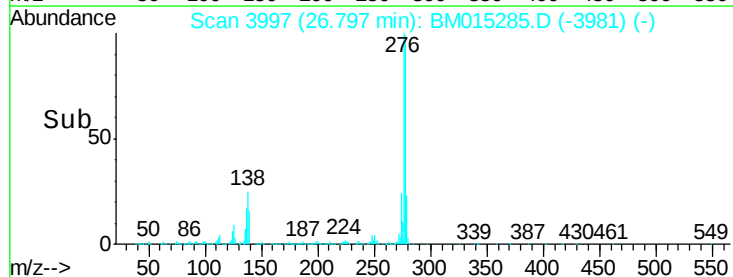
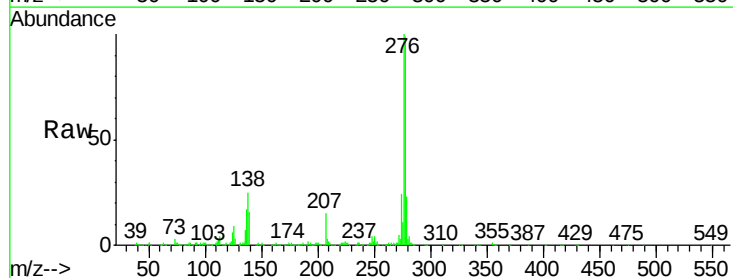
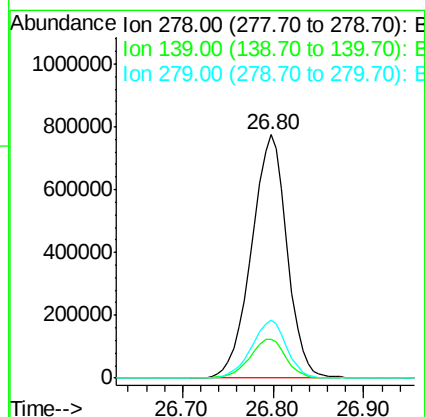
Manual Integrations
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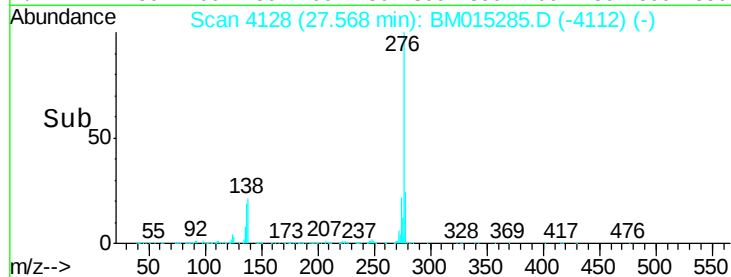
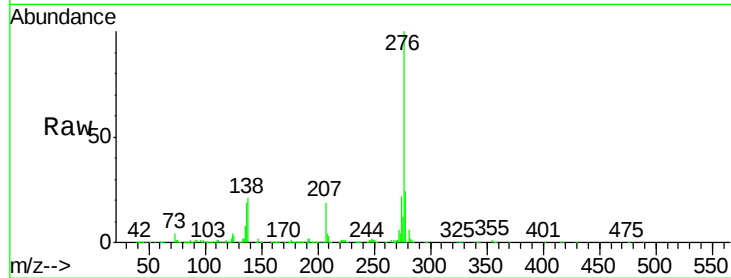
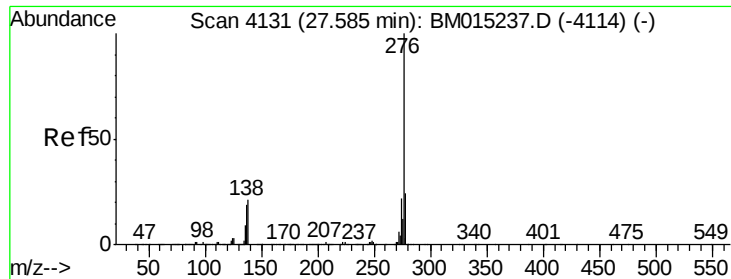
Sohil
5/24/2018 11:02:49 AM



#90
Dibenzo(a,h)anthracene
Concen: 48.505 ng
RT: 26.80 min Scan# 3997
Delta R.T. -0.01 min
Lab File: BM015285.D
Acq: 23 May 2018 20:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.4	20.0
279	23.6	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 48.012 ng

RT: 27.57 min Scan# 4128

Delta R.T. -0.01 min

Lab File: BM015285.D

Acq: 23 May 2018 20:47

Tot Ion:	276	Resp:	2027438
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.5	27.7
138	21.2	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

PB109579BS

Manual Integrations
APPROVED

Sohil
5/24/2018 11:02:49 AM

