

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070618\
 Data File : BM015805.D
 Acq On : 06 Jul 2018 17:03
 Operator : SJ/JU
 Sample : PB110790BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Manual Integrations
 APPROVED

Sohil
 7/9/2018 1:55:41 PM

Quant Time: Jul 07 01:49:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	141514	20.00	ng	-0.01
21) Naphthalene-d8	11.13	136	550988	20.00	ng	-0.01
38) Acenaphthene-d10	14.93	164	279210	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	524871	20.00	ng	0.00
75) Chrysene-d12	21.76	240	422123	20.00	ng	0.00
86) Perylene-d12	24.16	264	368457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.81	112	836740	101.40	ng	0.00
7) Phenol-d6	7.46	99	1069692	94.69	ng	0.00
23) Nitrobenzene-d5	9.50	82	1130023	100.07	ng	0.00
41) 2,4,6-Tribromophenol	16.41	330	343445	94.14	ng	0.00
44) 2-Fluorobiphenyl	13.56	172	2352874	104.62	ng	0.00
78) Terphenyl-d14	20.22	244	2575780	113.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	122459	35.883	ng	# 100
3) Pyridine	4.01	79	328063	36.429	ng	# 78
4) n-Nitrosodimethylamine	3.92	42	299156	42.662	ng	# 45
6) Aniline	7.63	93	416086	30.381	ng	93
8) 2-Chlorophenol	7.87	128	469065	47.364	ng	97
9) Benzaldehyde	7.44	77	232329	32.630	ng	91
10) Phenol	7.49	94	537530	47.355	ng	90
11) bis(2-Chloroethyl)ether	7.72	93	385039	41.699	ng	88
12) 1,3-Dichlorobenzene	8.19	146	479296	43.651	ng	# 91
13) 1,4-Dichlorobenzene	8.35	146	487615	42.944	ng	# 95
14) 1,2-Dichlorobenzene	8.66	146	477429	43.476	ng	# 94
15) Benzyl Alcohol	8.56	79	419045	42.728	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.84	45	610484	60.538	ng	99
17) 2-Methylphenol	8.76	107	369204	46.948	ng	# 86
18) Hexachloroethane	9.39	117	201053	44.780	ng	94
19) n-Nitroso-di-n-propylamine	9.13	70	351896	38.760	ng	# 79
20) 3+4-Methylphenols	9.09	107	488472	44.718	ng	89
22) Acetophenone	9.15	105	660629	46.026	ng	# 87
24) Nitrobenzene	9.54	77	538133	48.954	ng	99
25) Isophorone	10.06	82	891393	51.716	ng	95
26) 2-Nitrophenol	10.25	139	241314	50.980	ng	# 64
27) 2,4-Dimethylphenol	10.30	122	403115	56.059	ng	87
28) bis(2-Chloroethoxy)methane	10.53	93	533350	47.495	ng	99
29) 2,4-Dichlorophenol	10.79	162	415822	52.212	ng	96
30) 1,2,4-Trichlorobenzene	10.99	180	452318	48.898	ng	98
31) Naphthalene	11.19	128	1359335	47.585	ng	100
32) Benzoic acid	10.49	122	260434m	40.906	ng	
33) 4-Chloroaniline	11.30	127	218706	18.778	ng	# 87
34) Hexachlorobutadiene	11.45	225	294805	47.753	ng	97
35) Caprolactam	12.12	113	106691m	40.394	ng	
36) 4-Chloro-3-methylphenol	12.41	107	433357	47.422	ng	89
37) 2-Methylnaphthalene	12.77	142	995822	49.004	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.14	216	486669	54.307	ng	# 100
40) Hexachlorocyclopentadiene	13.10	237	574810	130.581	ng	98

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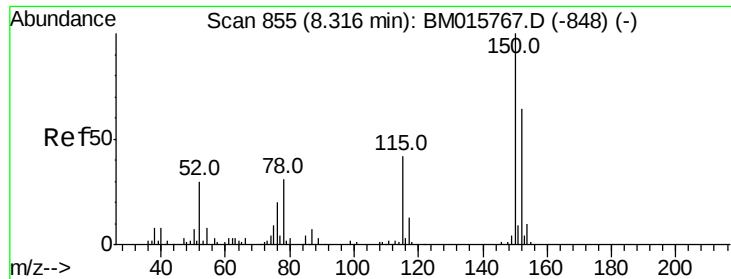
Manual Integrations
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 7/9/2018 1:55:41 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 05 17:39:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.37	196	307155	54.223	nq	99
43) 2,4,5-Trichlorophenol	13.45	196	322599	52.719	nq	# 85
45) 1,1'-Biphenyl	13.77	154	1224355	50.718	nq	98
46) 2-Chloronaphthalene	13.82	162	942575	52.223	nq	# 92
47) 2-Nitroaniline	14.03	65	300594	47.757	nq	# 80
48) Acenaphthylene	14.66	152	1486024	50.611	nq	100
49) Dimethylphthalate	14.38	163	1133019	46.012	nq	100
50) 2,6-Dinitrotoluene	14.52	165	236973	49.357	nq	# 73
51) Acenaphthene	14.99	154	855419	46.819	nq	98
52) 3-Nitroaniline	14.85	138	124631	23.716	nq	# 73
53) 2,4-Dinitrophenol	15.06	184	226111	92.875	nq	# 91
54) Dibenzofuran	15.33	168	1356353	48.177	nq	# 88
55) 4-Nitrophenol	15.15	139	358909	92.540	nq	# 70
56) 2,4-Dinitrotoluene	15.30	165	324056	46.751	nq	91
57) Fluorene	15.97	166	1080135	46.525	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.55	232	262392	50.815	nq	# 100
59) Diethylphthalate	15.72	149	1144430	43.369	nq	97
60) 4-Chlorophenyl-phenylether	15.95	204	540730	45.263	nq	90
61) 4-Nitroaniline	16.00	138	225502	41.364	nq	# 42
62) Azobenzene	16.24	77	1215424	49.137	nq	83
64) 4,6-Dinitro-2-methylphenol	16.06	198	151889	47.602	nq	89
65) n-Nitrosodiphenylamine	16.17	169	899271	50.002	nq	97
66) 4-Bromophenyl-phenylether	16.84	248	314967	53.746	nq	# 85
67) Hexachlorobenzene	16.96	284	343637	52.475	nq	# 81
68) Atrazine	17.10	200	305334	51.614	nq	98
69) Pentachlorophenol	17.30	266	355922	87.836	nq	97
70) Phenanthrene	17.70	178	1490069	49.622	nq	99
71) Anthracene	17.79	178	1512898	51.303	nq	99
72) Carbazole	18.06	167	1287700	46.860	nq	98
73) Di-n-butylphthalate	18.57	149	1706650	46.077	nq	# 98
74) Fluoranthene	19.67	202	1511423	43.783	nq	98
76) Benzidine	19.85	184	515941	41.717	nq	99
77) Pyrene	20.03	202	1507886	57.345	nq	99
79) Butylbenzylphthalate	20.88	149	681191	53.592	nq	# 84
80) Benzo(a)anthracene	21.74	228	1343993	50.217	nq	99
81) 3,3'-Dichlorobenzidine	21.67	252	277921	28.902	nq	99
82) Chrysene	21.80	228	1247605	50.041	nq	99
83) Bis(2-ethylhexyl)phthalate	21.63	149	933711	49.717	nq	96
84) Di-n-octyl phthalate	22.55	149	1448907	47.314	nq	# 91
85) Indeno(1,2,3-cd)pyrene	26.64	276	1359915	58.709	nq	# 93
87) Benzo(b)fluoranthene	23.43	252	1204758	48.974	nq	# 96
88) Benzo(k)fluoranthene	23.48	252	1152711	48.238	nq	99
89) Benzo(a)pyrene	24.06	252	1125541	51.977	nq	100
90) Dibenzo(a,h)anthracene	26.64	278	1156528	59.360	nq	97
91) Benzo(g,h,i)perylene	27.40	276	1100146	64.266	nq	# 94

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



#1

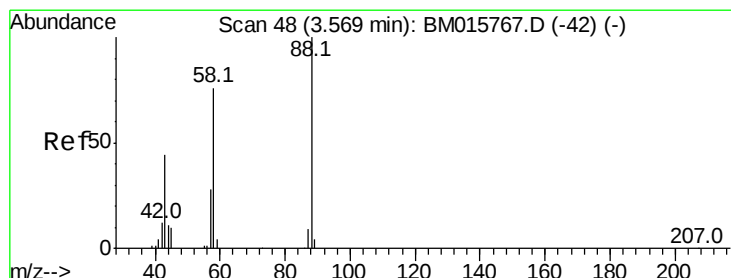
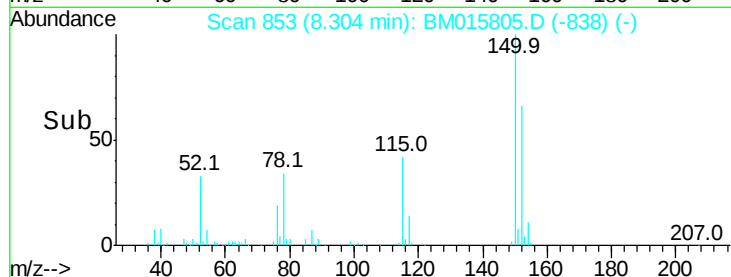
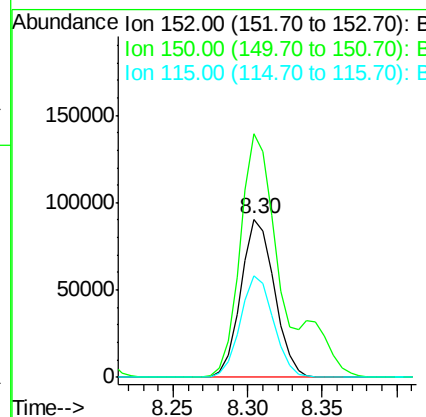
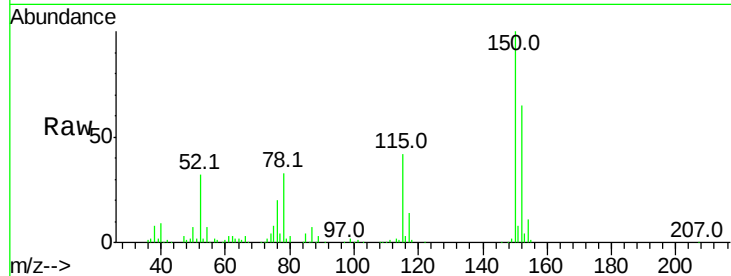
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 853
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	119.5	179.3
115	64.4	43.0	64.4

Manual Integrations
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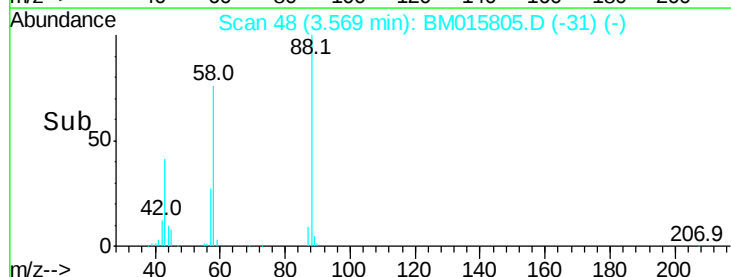
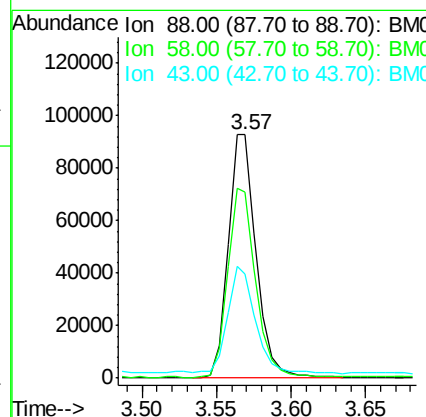
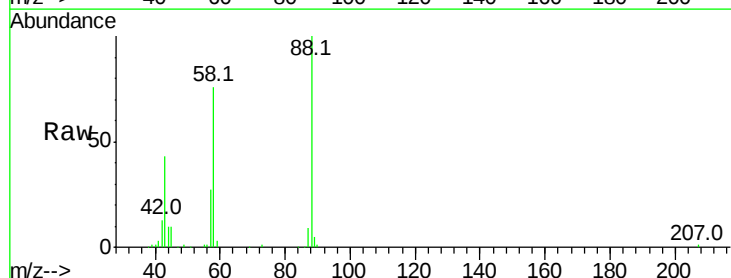
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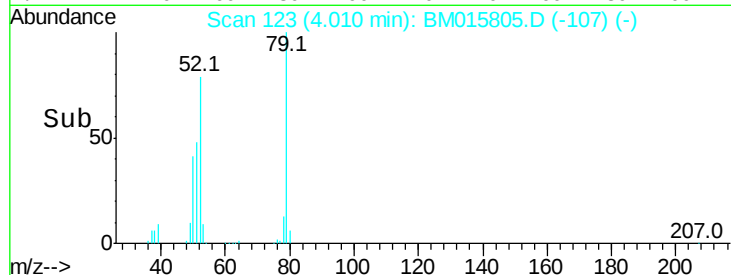
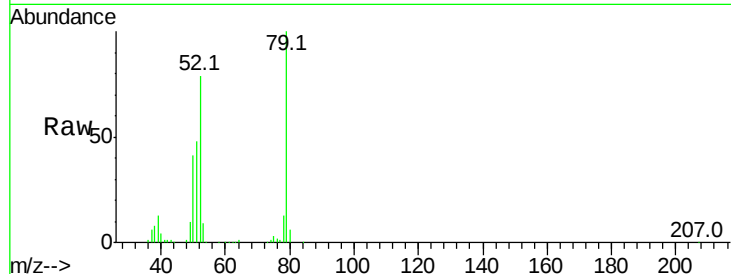


#2

1,4-Dioxane
Concen: 35.883 ng
RT: 3.57 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.8	0.0	0.0#
43	44.3	0.0	0.0#





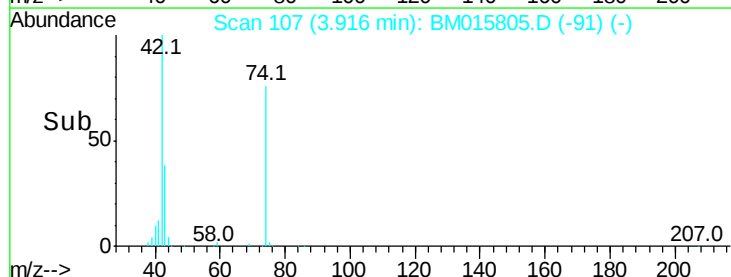
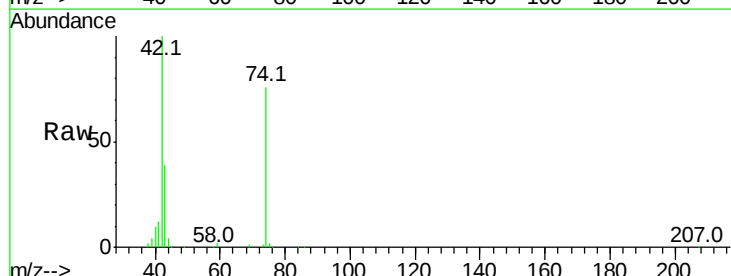
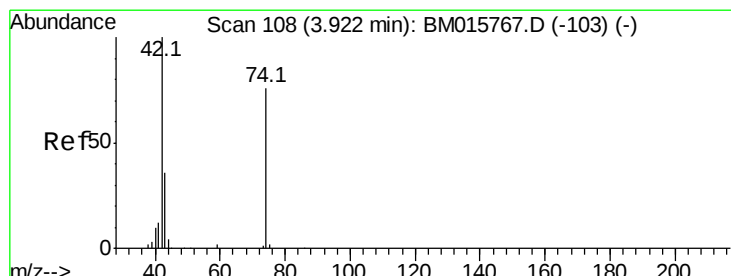
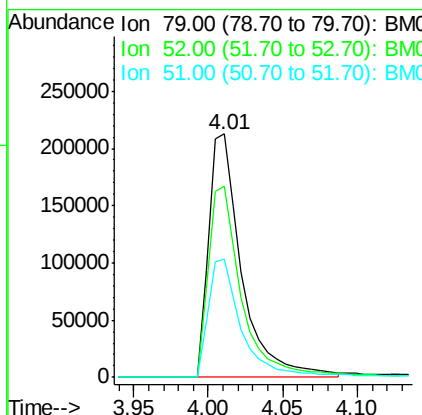
#3
 Pvridine
 Concen: 36.429 ng
 RT: 4.01 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.5	51.1	76.7#
51	48.4	26.1	39.1#

Instrument :
 BNA_M
 ClientSampled :
 PB110790BS

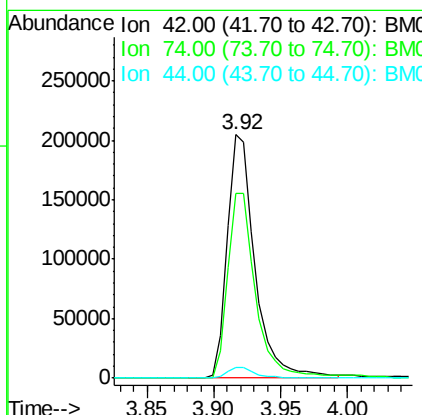
Manual Integrations
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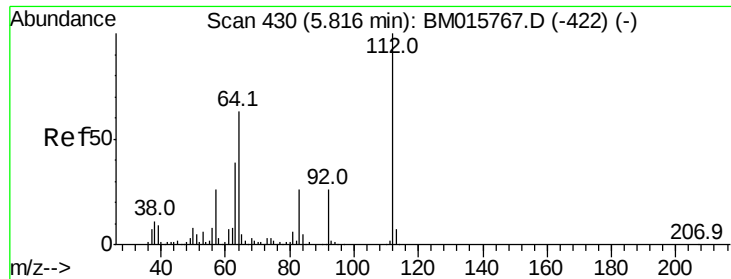
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 7/9/2018 1:55:41 PM



#4
 n-Nitrosodimethylamine
 Concen: 42.662 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
42	100		
74	76.1	119.3	178.9#
44	4.4	5.4	8.2#





#5

2-Fluorophenol

Concen: 42.662 ng

RT: 5.81 min Scan# 429

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

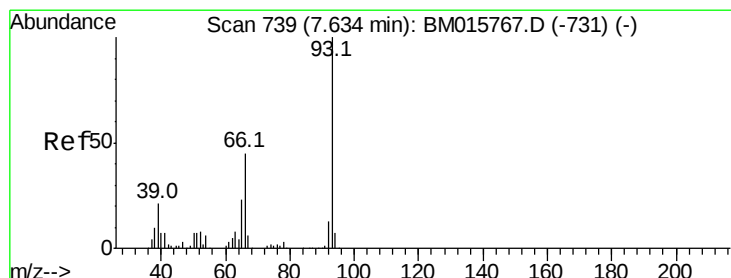
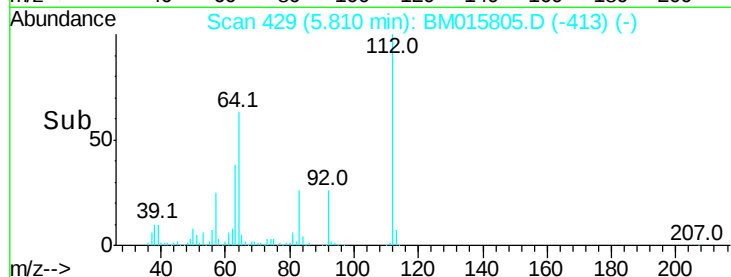
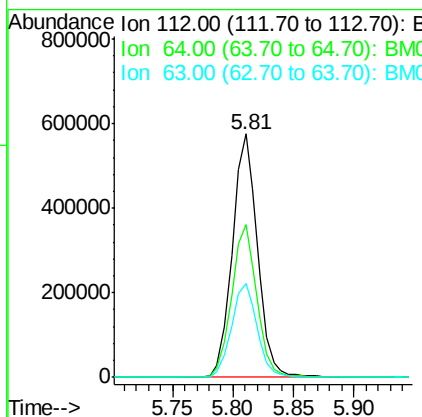
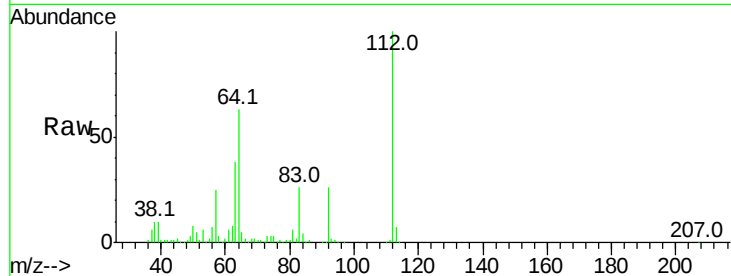
ClientSampleId :

PB110790BS

Tot Ion:	112	Resp:	836740
Ion Ratio	Lower	Upper	
112	100		
64	63.0	38.6	57.8#
63	38.5	19.3	28.9#

Manual Integrations
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#6

Aniline

Concen: 30.381 ng

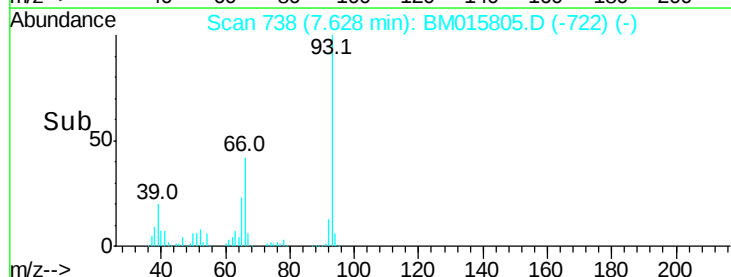
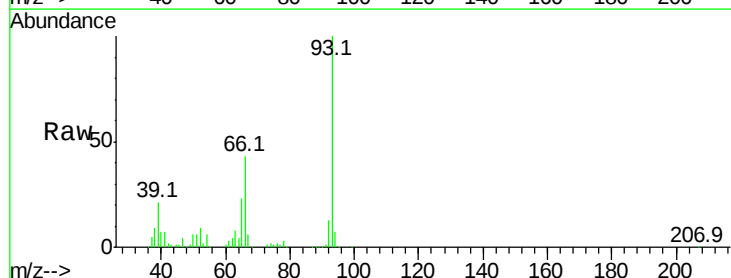
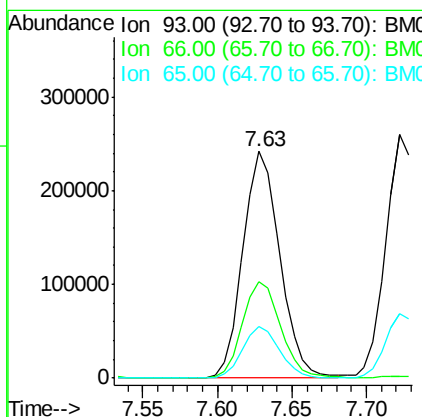
RT: 7.63 min Scan# 738

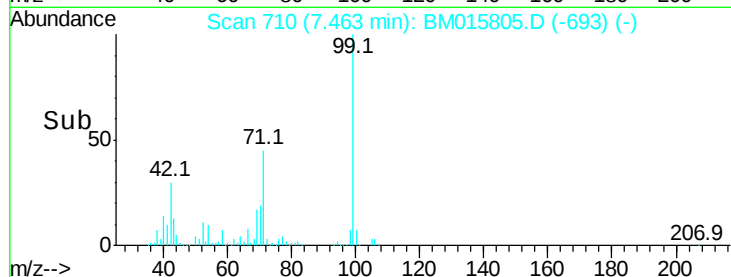
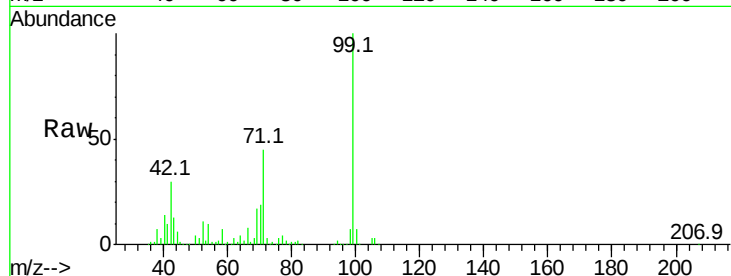
Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Tgt Ion:	93	Resp:	416086
Ion Ratio	Lower	Upper	
93	100		
66	42.6	30.8	46.2
65	23.0	16.0	24.0





#7

Phenol-d6

Concen: 30.381 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.00 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Tot Ion: 99 Resp: 1069692

Ion Ratio Lower Upper

99 100

42 29.9 11.0 16.4#

71 44.6 23.4 35.2#

Instrument :

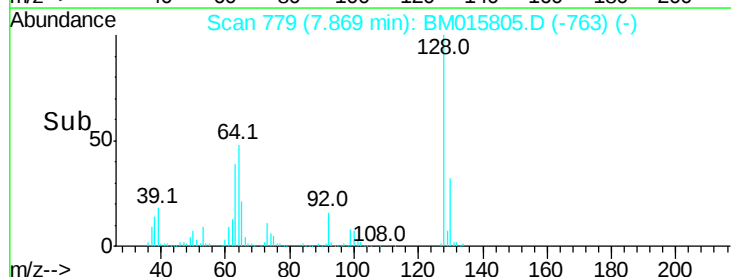
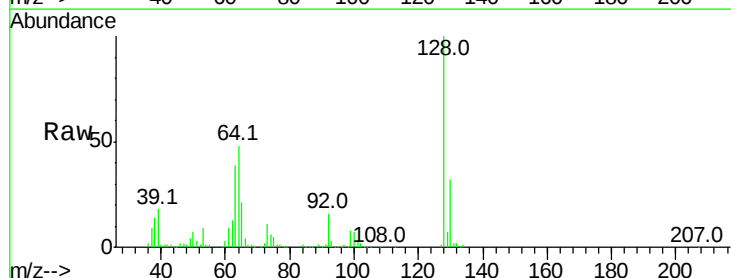
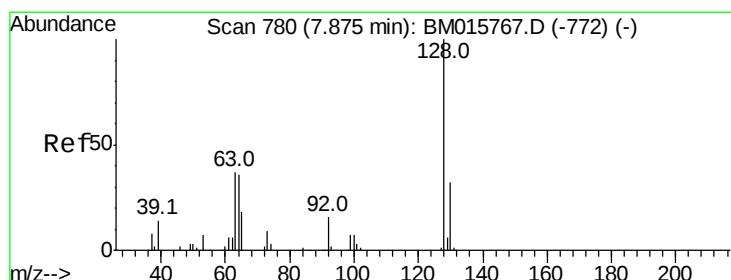
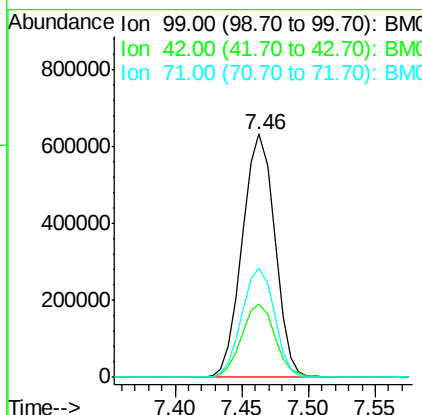
BNA_M

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#8

2-Chlorophenol

Concen: 47.364 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

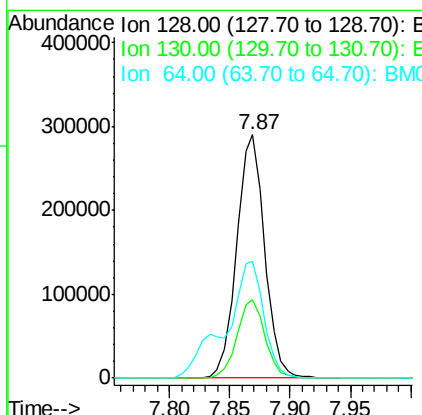
Tgt Ion: 128 Resp: 469065

Ion Ratio Lower Upper

128 100

130 32.5 12.0 52.0

64 47.9 24.9 64.9





#9

Benzaldehyde

Concen: 32.630 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

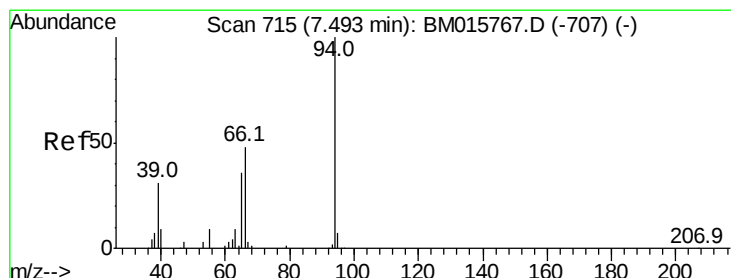
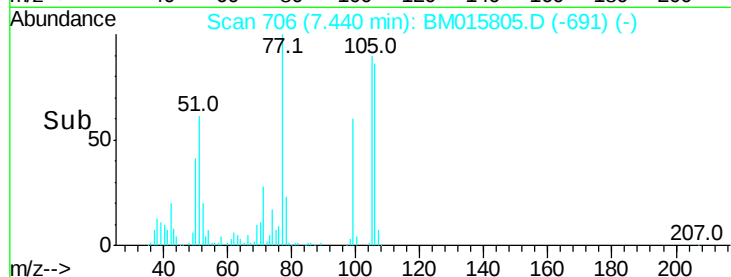
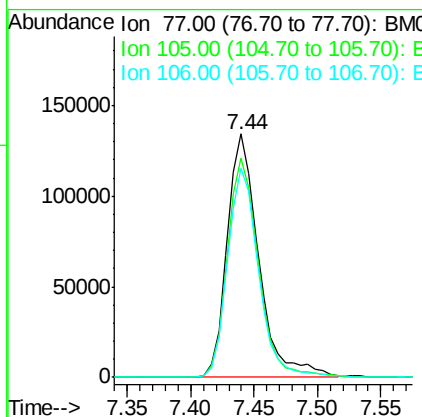
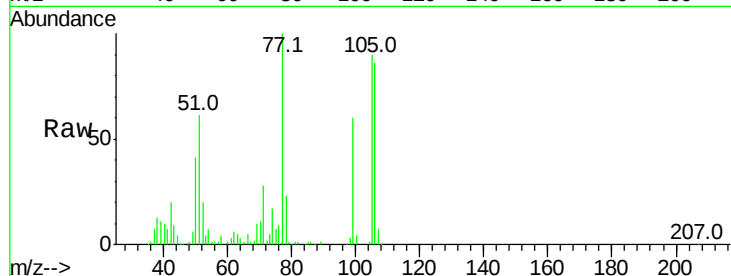
ClientSampleId :

PB110790BS

Tot Ion:	77	Resp:	232329
Ion Ratio	Lower	Upper	
77	100		
105	89.9	78.8	118.8
106	85.6	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 47.355 ng

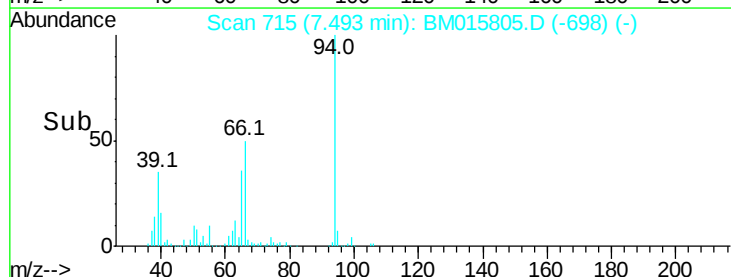
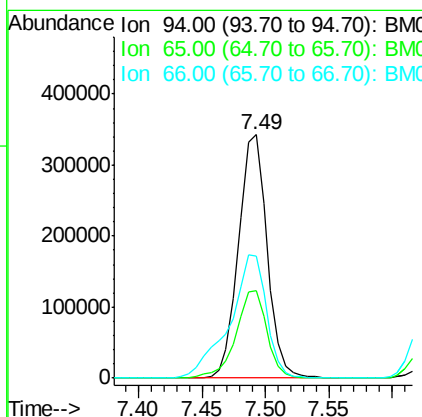
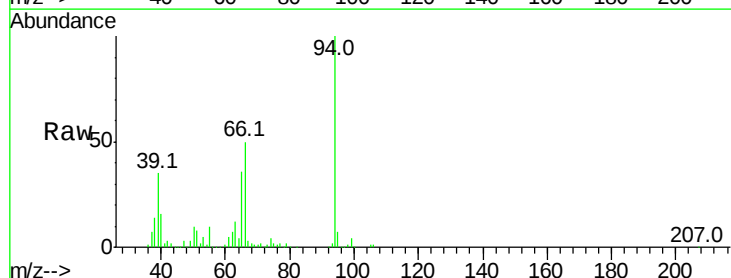
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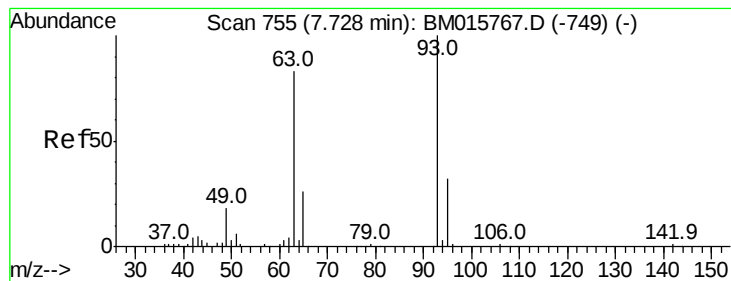
Delta R.T. -0.00 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Tgt Ion:	94	Resp:	537530
Ion Ratio	Lower	Upper	
94	100		
65	35.9	18.8	58.8
66	49.9	39.9	79.9





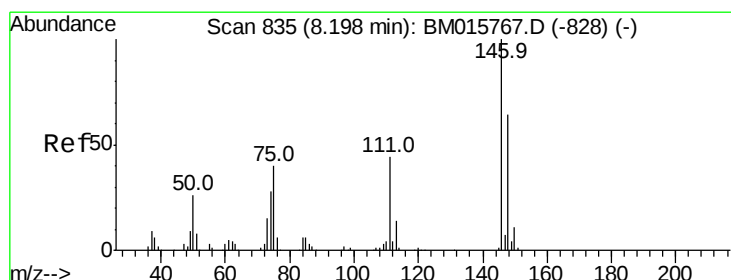
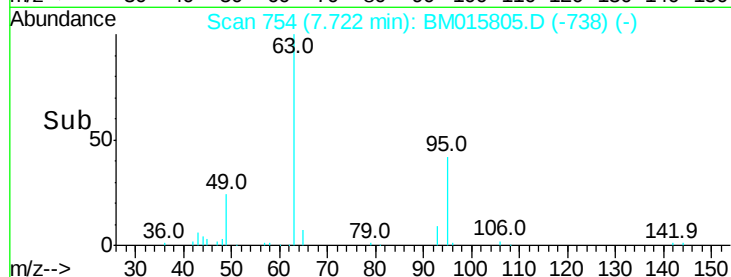
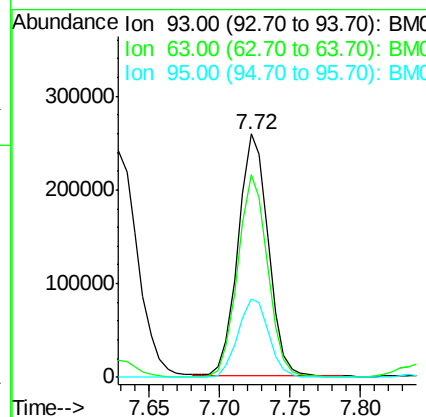
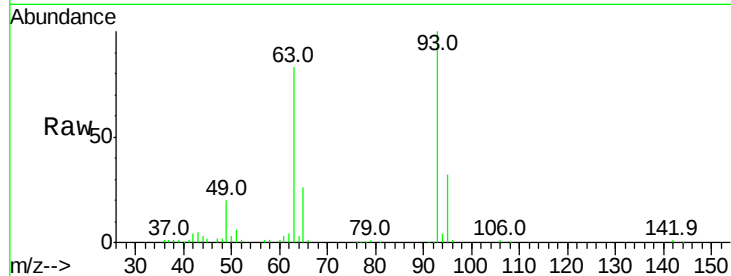
#11
bis(2-Chloroethyl)ether
Concen: 41.699 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	83.1	49.5	89.5
95	32.3	13.5	53.5

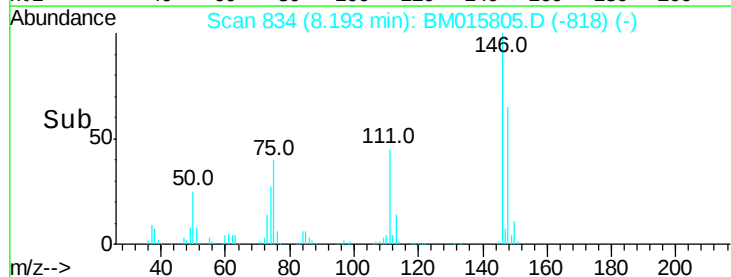
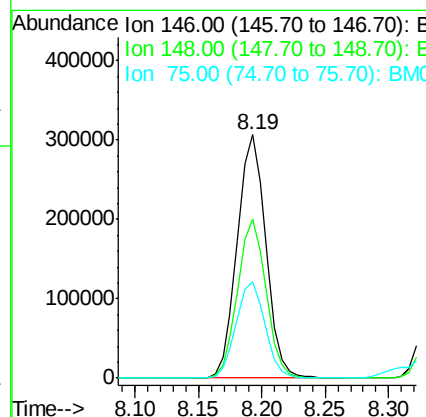
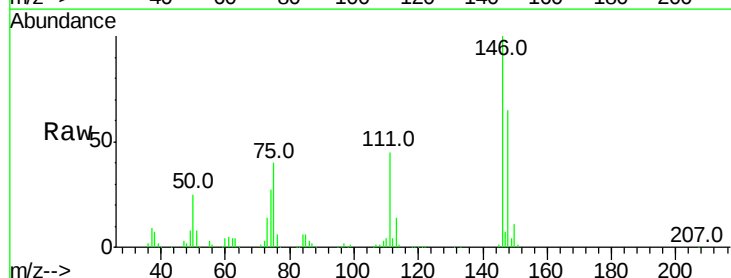
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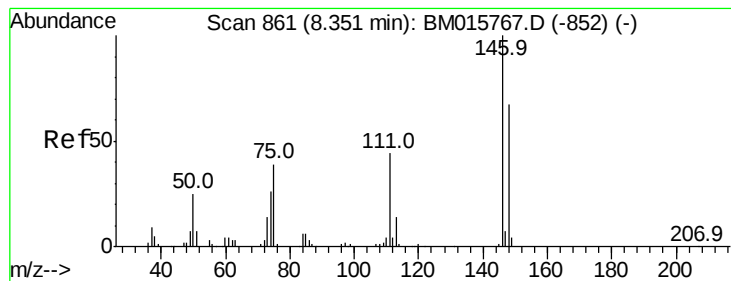
Sohil
7/9/2018 1:55:41 PM



#12
1,3-Dichlorobenzene
Concen: 43.651 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	65.1	50.9	76.3
75	39.8	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 42.944 ng

RT: 8.35 min Scan# 860

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

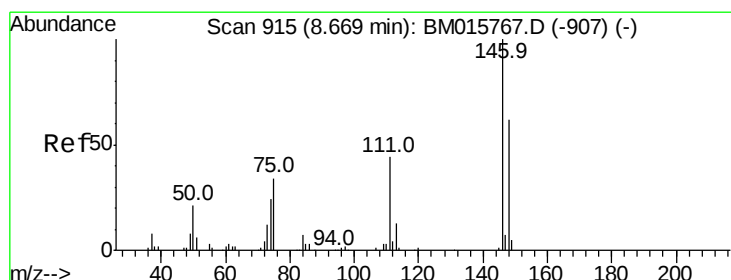
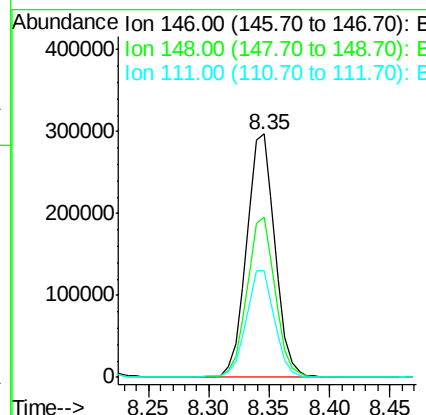
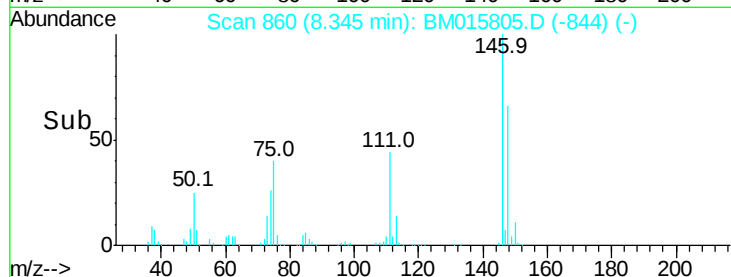
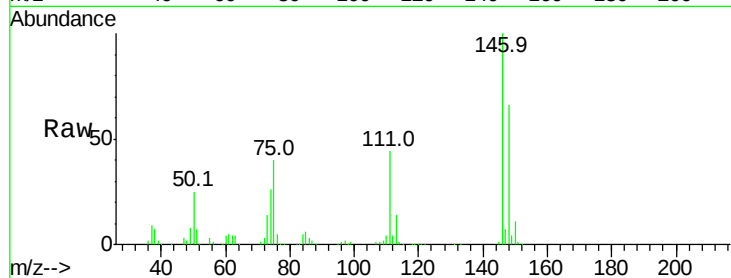
ClientSampleId :

PB110790BS

Tot Ion:	146	Resp:	487615
Ion Ratio	Lower	Upper	
146	100		
148	65.7	51.9	77.9
111	43.9	29.2	43.8#

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#14

1,2-Dichlorobenzene

Concen: 43.476 ng

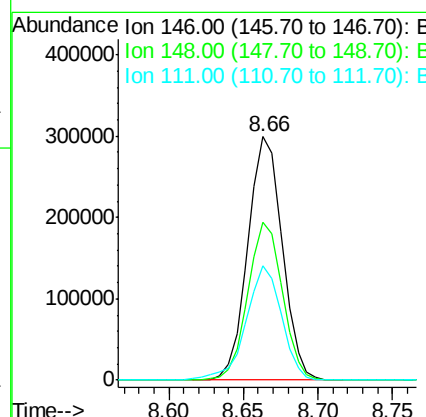
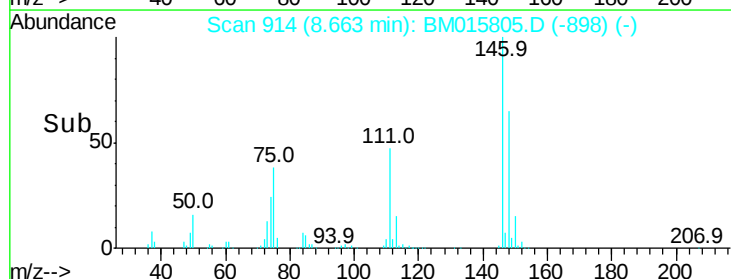
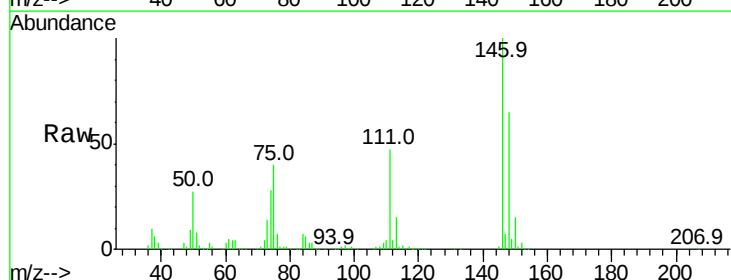
RT: 8.66 min Scan# 914

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Tgt Ion:	146	Resp:	477429
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.3	78.5
111	46.8	30.6	45.8#





#15

Benzyl Alcohol

Concen: 42.728 ng

RT: 8.56 min Scan# 896

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

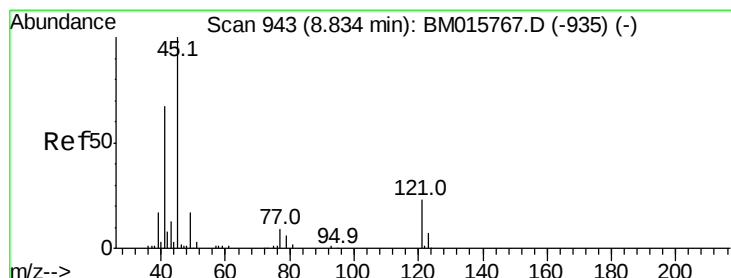
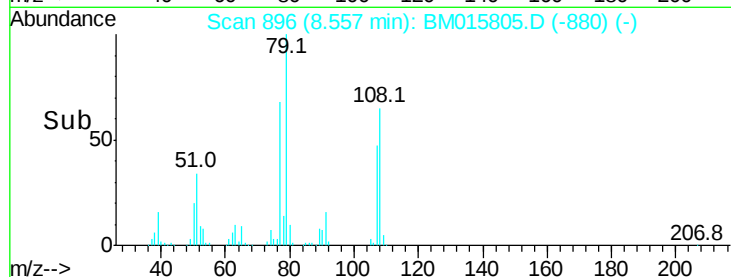
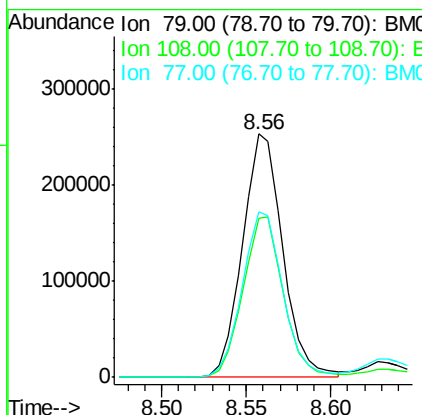
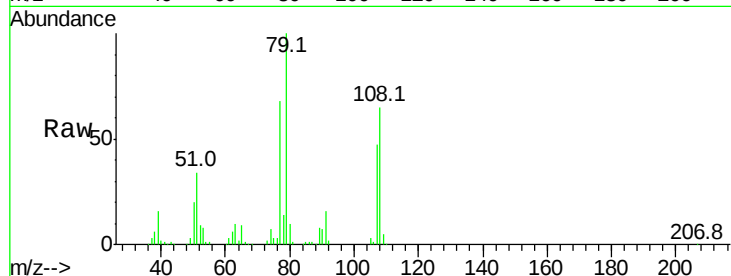
ClientSampleId :

PB110790BS

Tot Ion:	79	Resp:	419045
Ion Ratio	Lower	Upper	
79	100		
108	65.5	65.0	97.4
77	68.1	53.0	79.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 60.538 ng

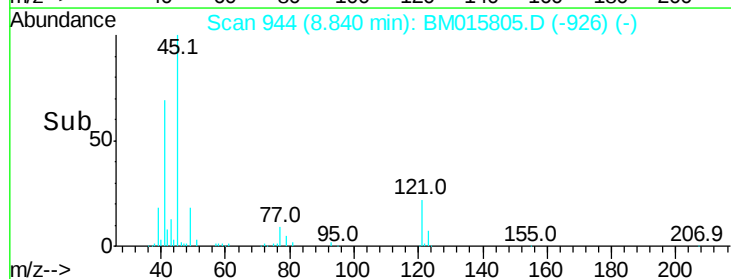
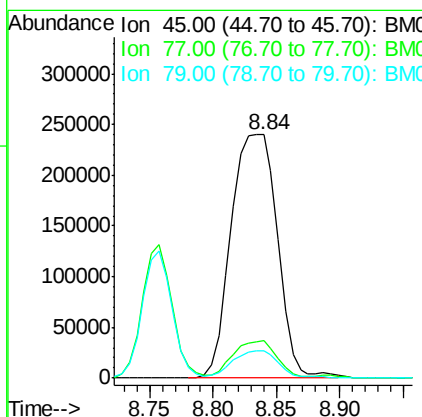
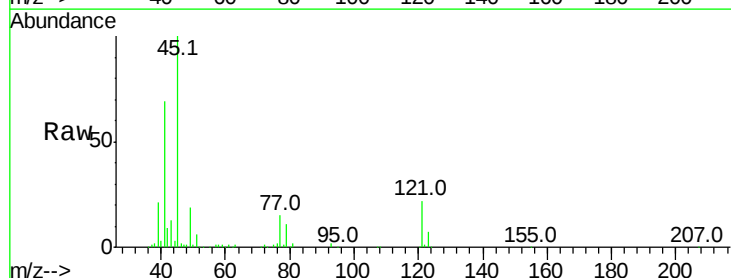
RT: 8.84 min Scan# 944

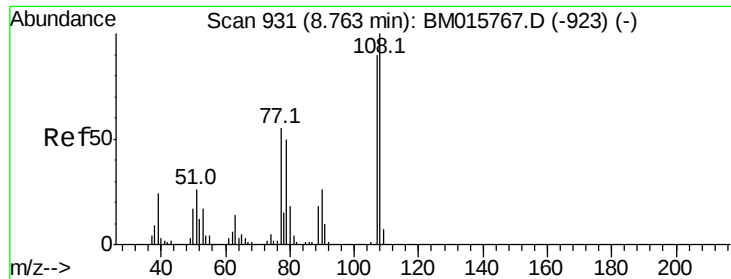
Delta R.T. 0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Tgt Ion:	45	Resp:	610484
Ion Ratio	Lower	Upper	
45	100		
77	15.2	0.0	35.2
79	11.0	0.0	32.0





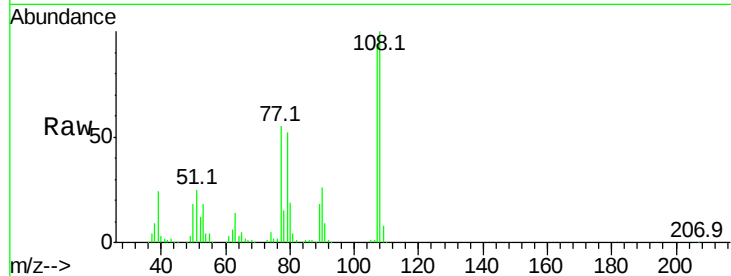
#17
2-Methylphenol
Concen: 46.948 ng
RT: 8.76 min Scan# 930
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

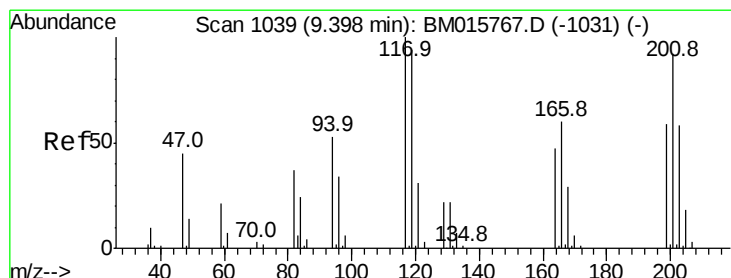
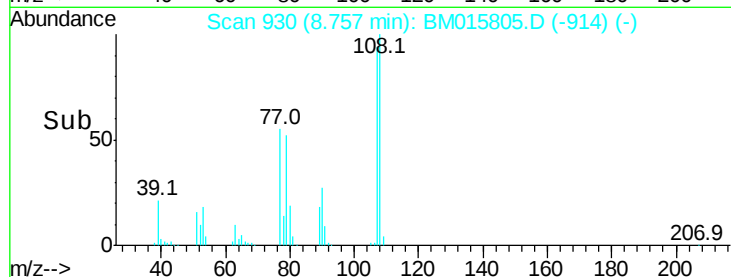
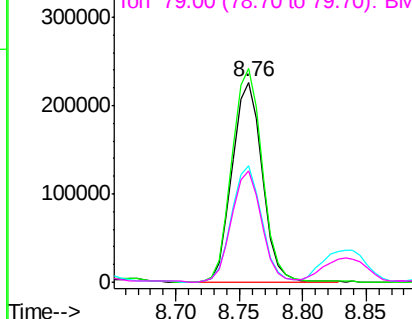
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	106.6	89.8	134.8	
77	58.2	32.6	48.8#	
79	55.4	32.8	49.2#	

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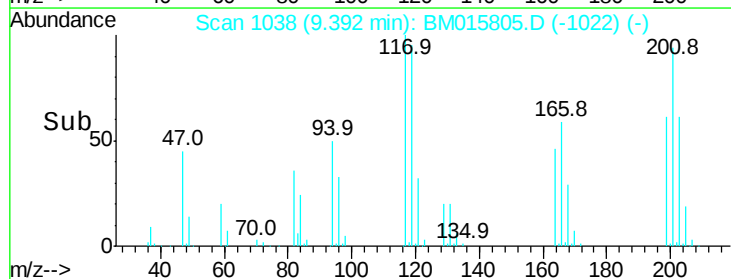
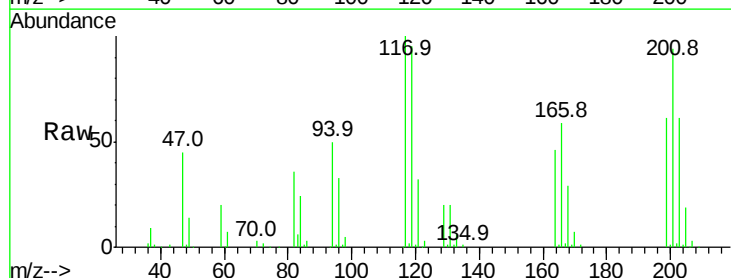
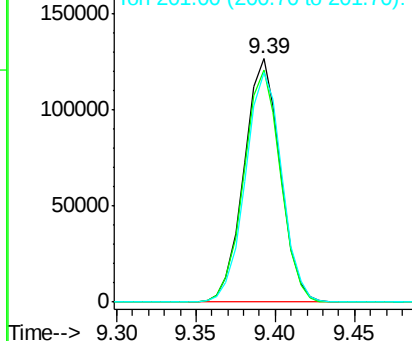
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

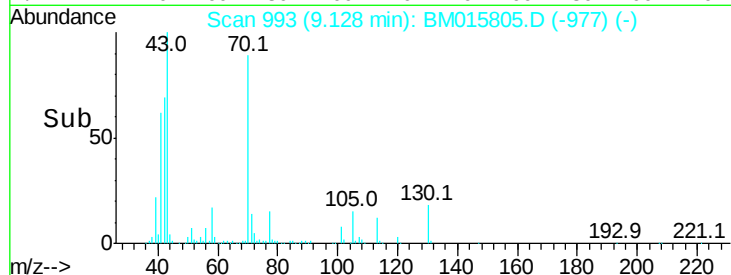
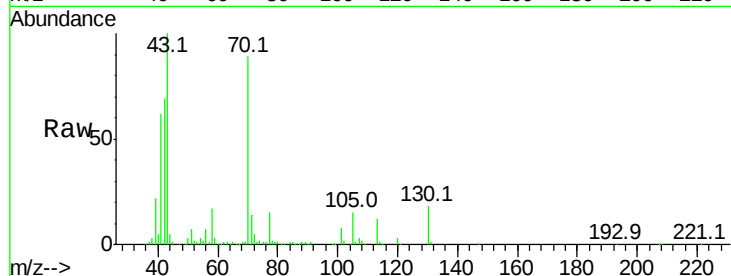
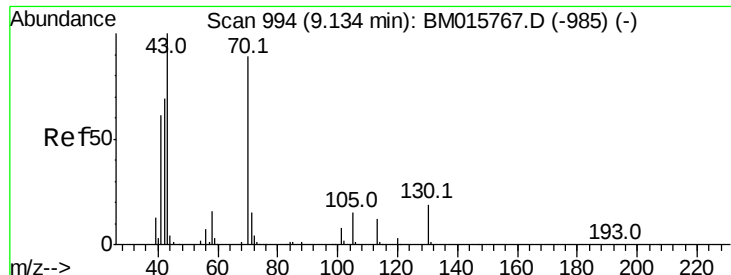


#18
Hexachloroethane
Concen: 44.780 ng
RT: 9.39 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	79.2	118.8	
201	94.1	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





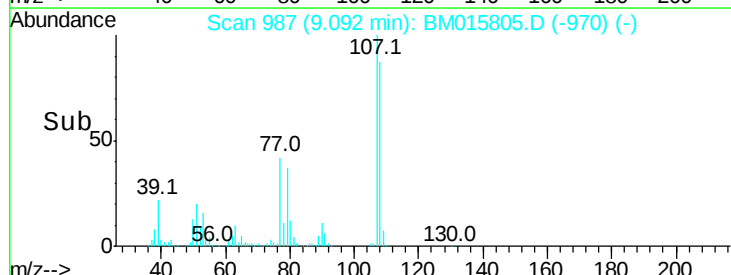
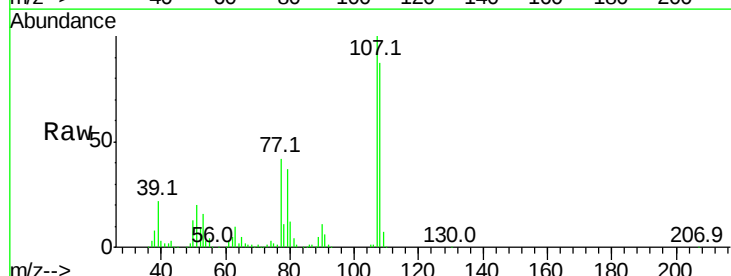
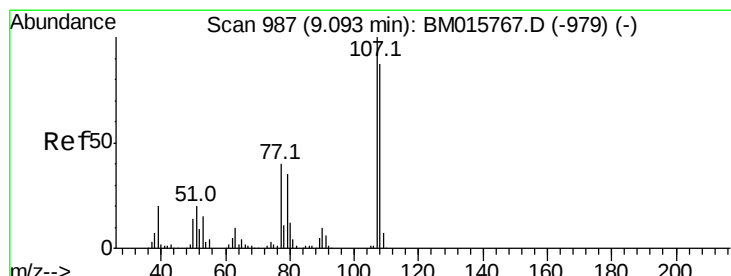
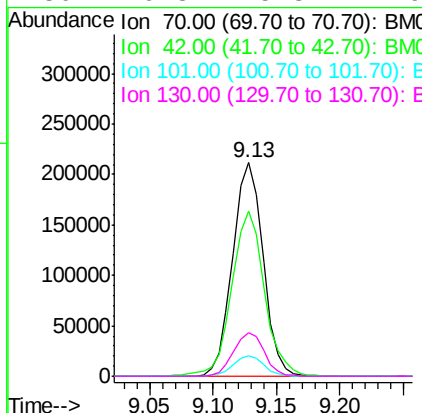
#19
n-Nitroso-di-n-propylamine
Concen: 38.760 ng
RT: 9.13 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.5	44.5	66.7#
101	9.4	7.4	11.2
130	20.3	15.3	22.9

Instrument :
BNA_M
ClientSampleId :
PB110790BS

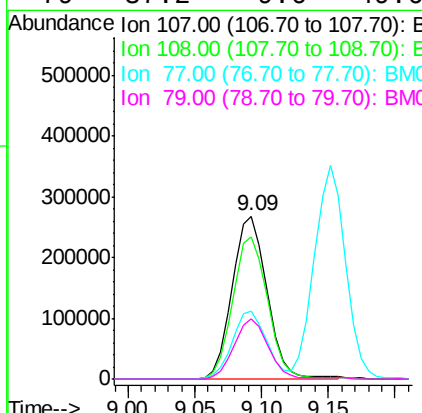
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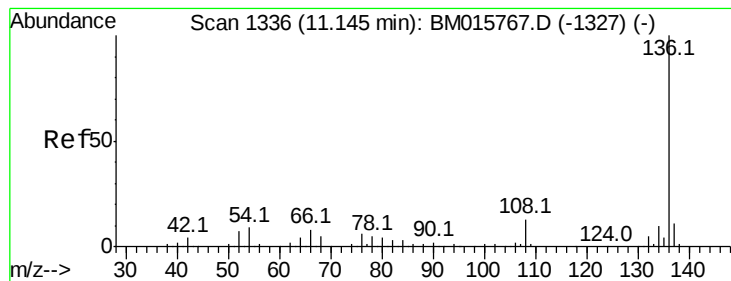
Sohil
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#20
3+4-Methylphenols
Concen: 44.718 ng
RT: 9.09 min Scan# 987
Delta R.T. -0.00 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	73.2	113.2
77	41.7	10.7	50.7
79	37.2	9.6	49.6





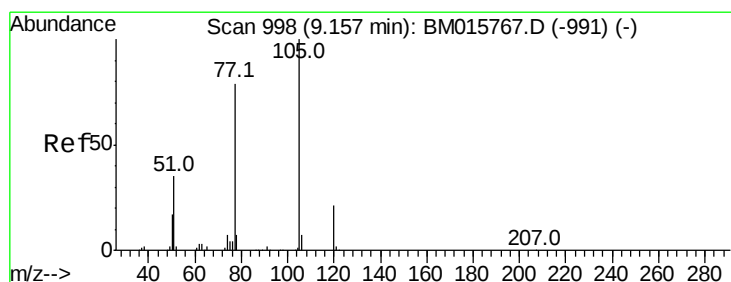
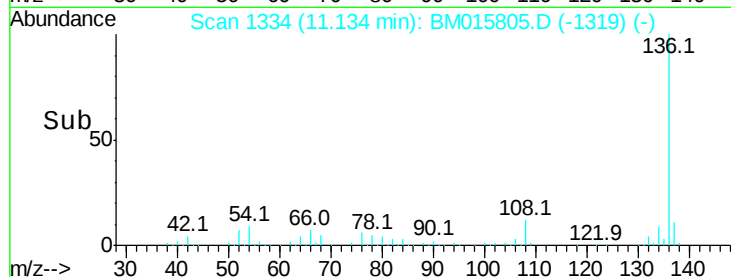
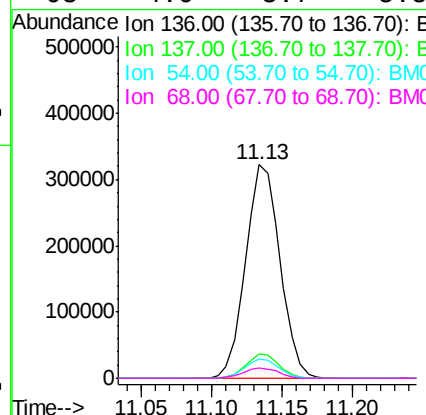
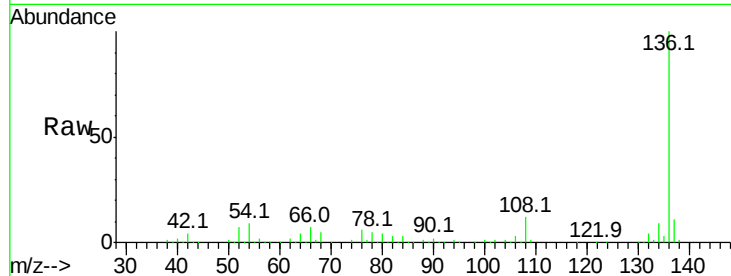
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.13 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.7	13.1	
54	8.9	4.6	6.8	
68	4.9	3.7	5.5	

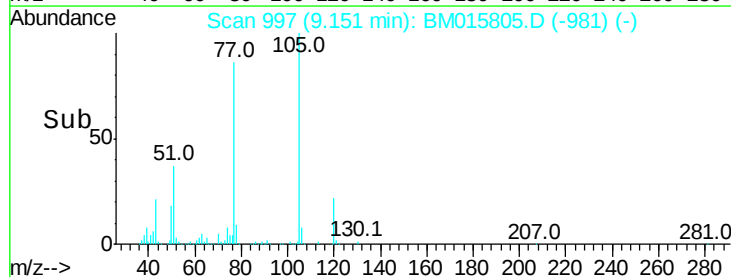
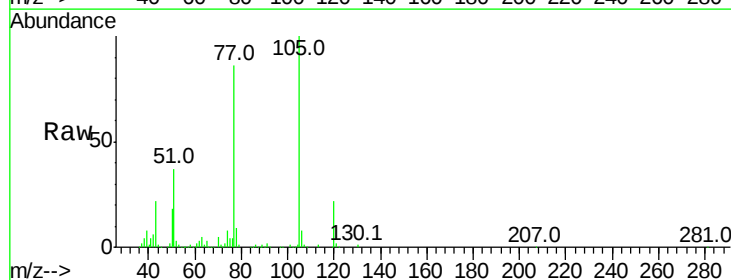
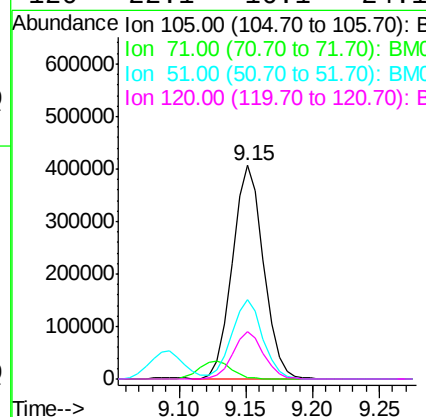
Manual Integrations
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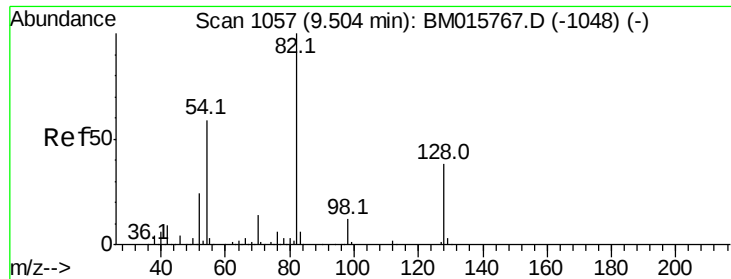
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#22
Acetophenone
Concen: 46.026 ng
RT: 9.15 min Scan# 997
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.9	0.6	1.0	
51	37.0	21.6	32.4	
120	22.1	16.1	24.1	





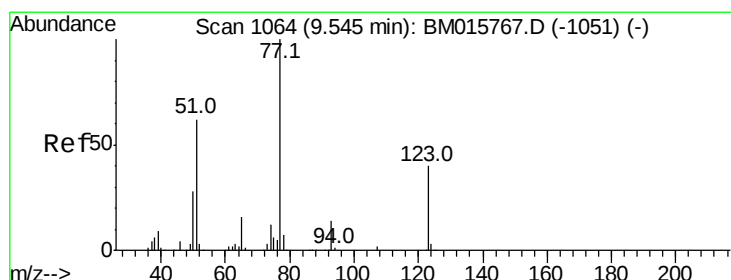
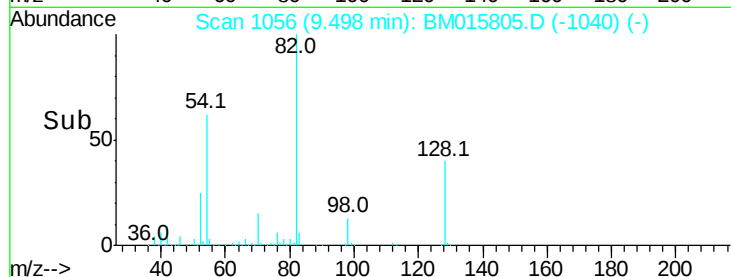
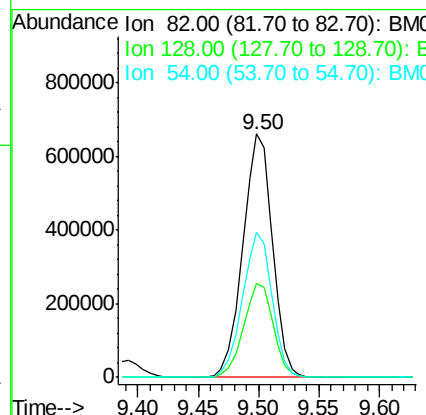
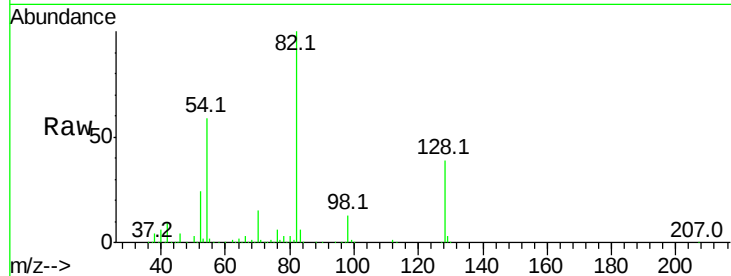
#23
 Nitrobenzene-d5
 Concen: 46.026 ng
 RT: 9.50 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	32.8	49.2
54	59.5	40.6	60.8

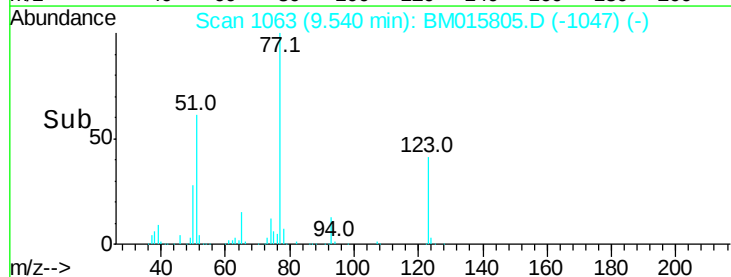
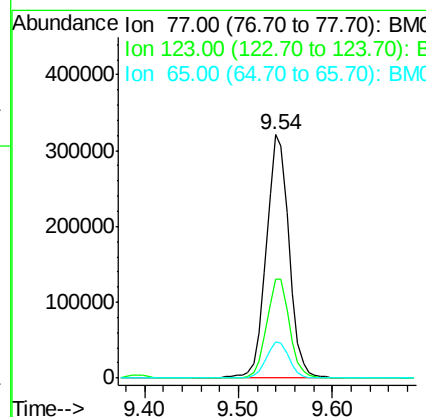
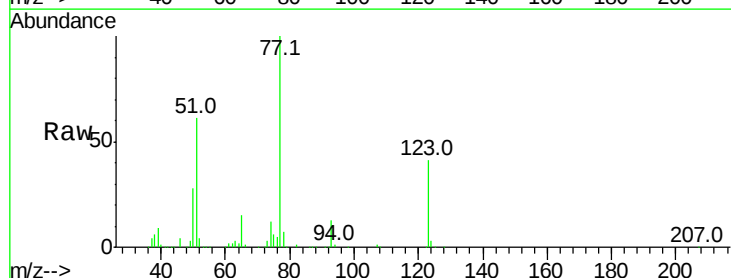
Manual Integrations
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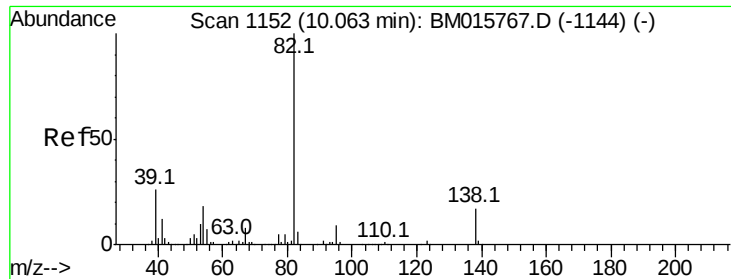
Sohil
 7/9/2018 1:55:41 PM



#24
 Nitrobenzene
 Concen: 48.954 ng
 RT: 9.54 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.8	32.6	49.0
65	14.9	10.9	16.3





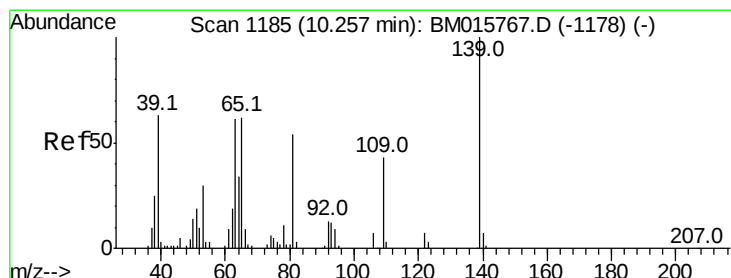
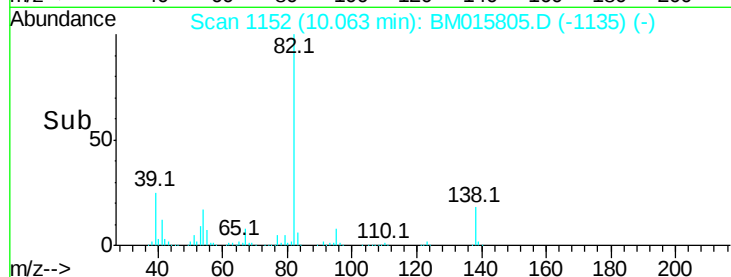
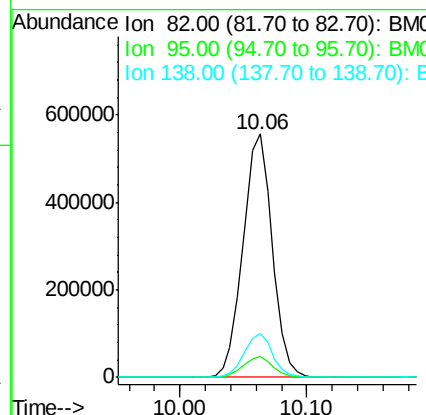
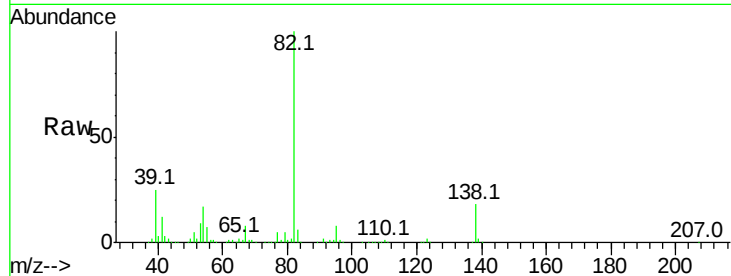
#25
Isophorone
Concen: 51.716 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.4	5.8	8.6	
138	17.9	16.3	24.5	

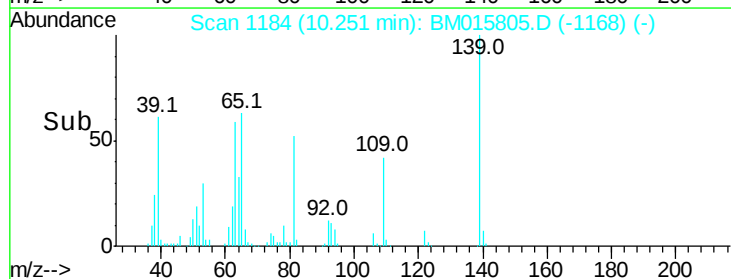
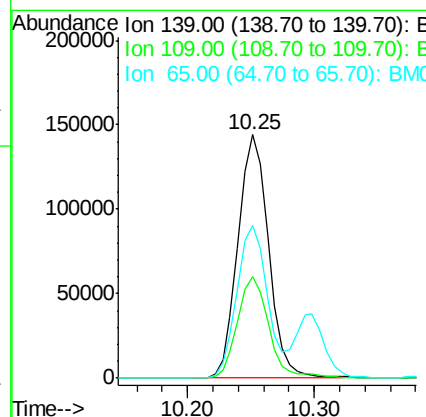
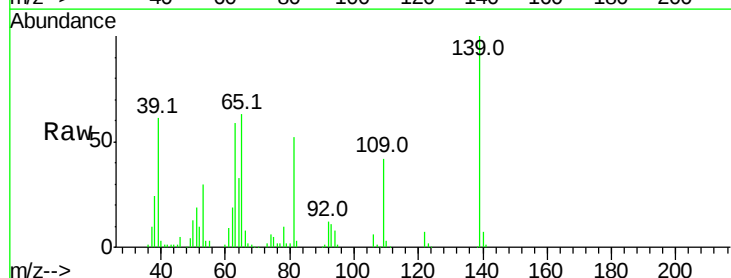
Manual Integrations
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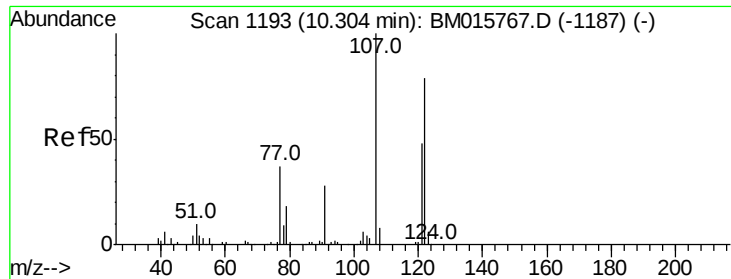
Sohil
7/9/2018 1:55:41 PM



#26
2-Nitrophenol
Concen: 50.980 ng
RT: 10.25 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	41.6	20.1	30.1#	
65	62.9	31.5	47.3#	





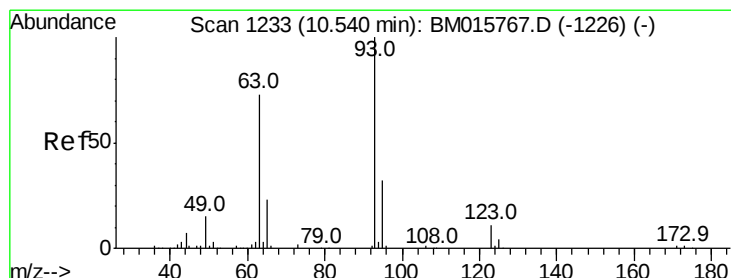
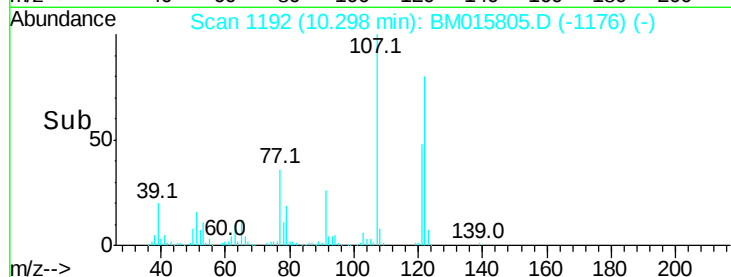
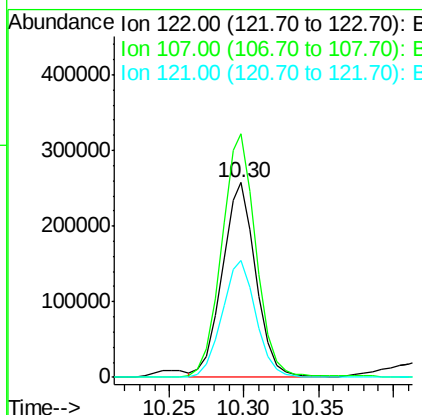
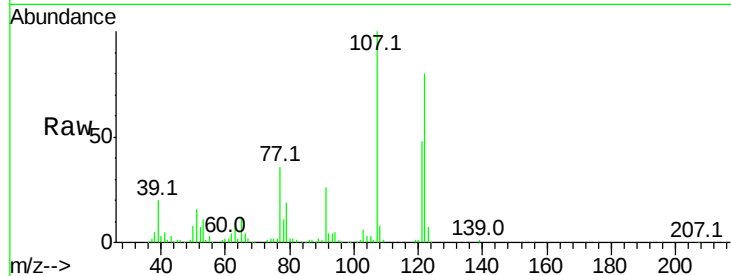
#27
2,4-Dimethylphenol
Concen: 56.059 ng
RT: 10.30 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	403115		
107	124.9	84.7	127.1	
121	60.0	46.6	69.8	

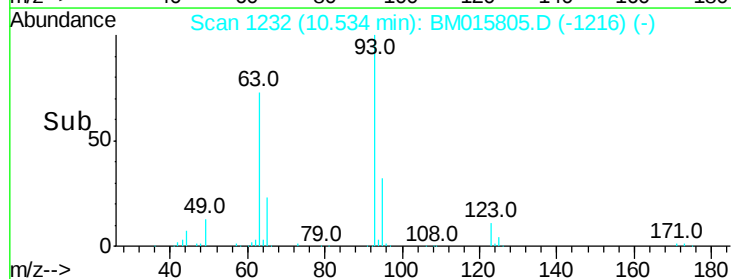
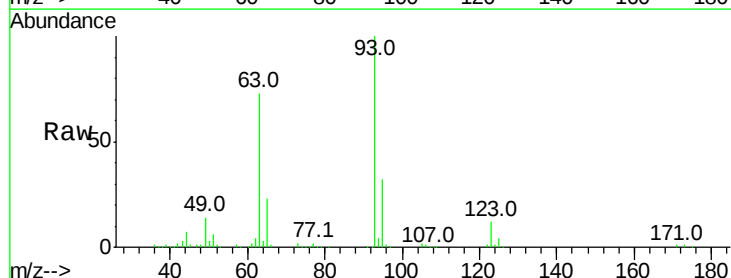
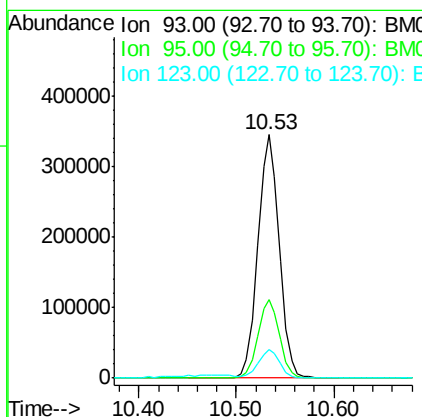
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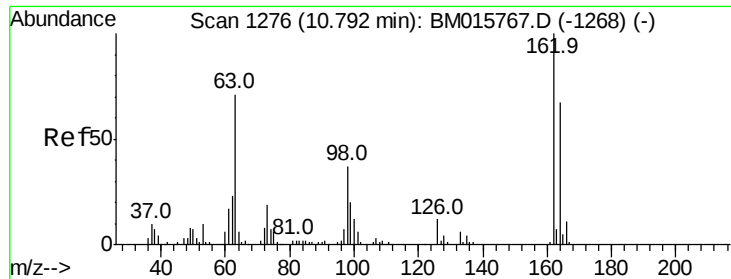
Sohil
7/9/2018 1:55:41 PM



#28
bis(2-Chloroethoxy)methane
Concen: 47.495 ng
RT: 10.53 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	533350		
95	32.4	25.5	38.3	
123	11.8	8.6	13.0	





#29

2,4-Dichlorophenol

Concen: 52.212 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion:162 Resp: 415822

Ion Ratio Lower Upper

162 100

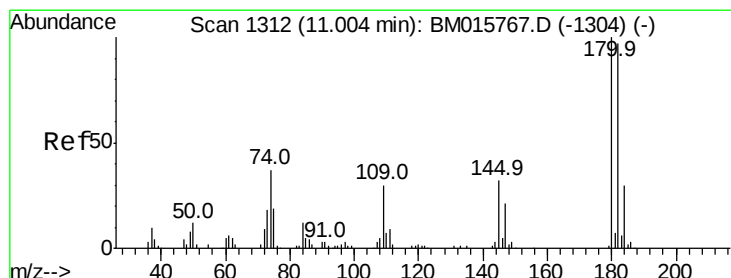
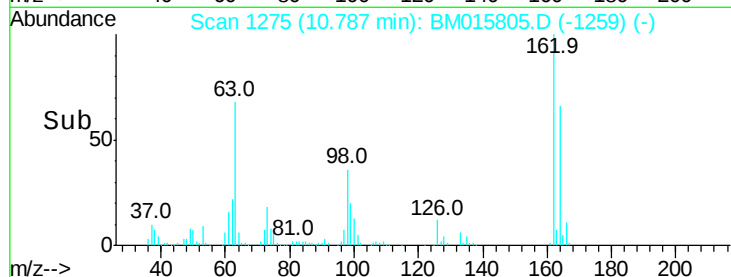
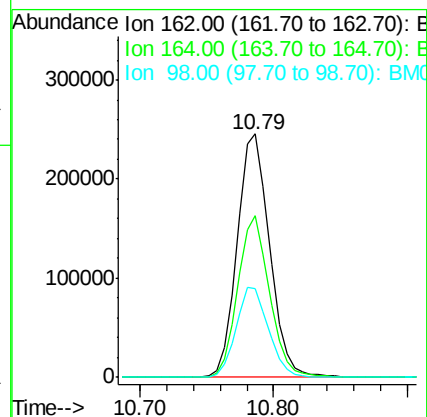
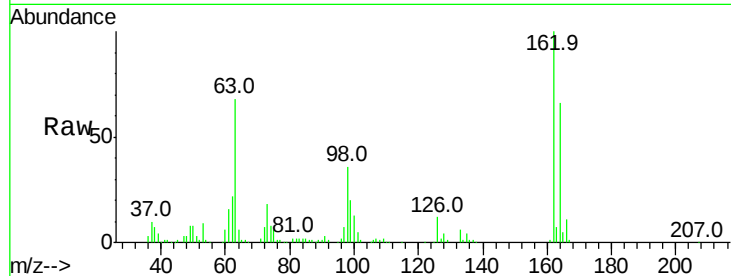
164 66.2 42.8 82.8

98 36.2 14.5 54.5

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 48.898 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

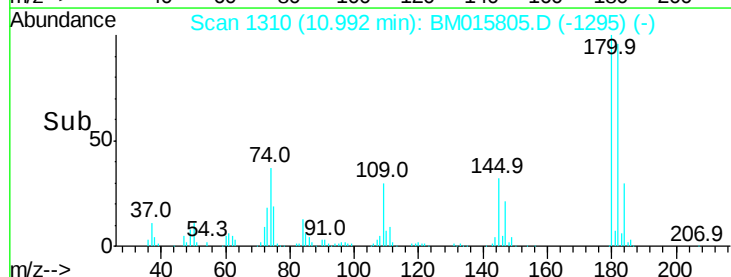
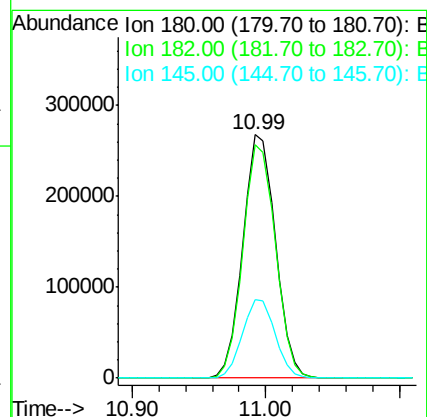
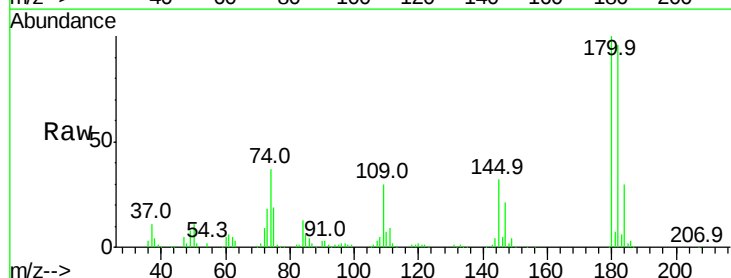
Tgt Ion:180 Resp: 452318

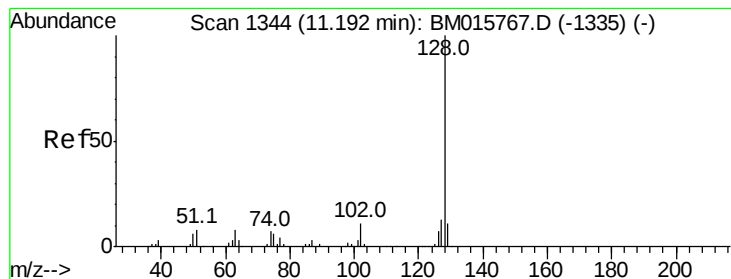
Ion Ratio Lower Upper

180 100

182 95.6 77.6 116.4

145 32.1 23.4 35.2





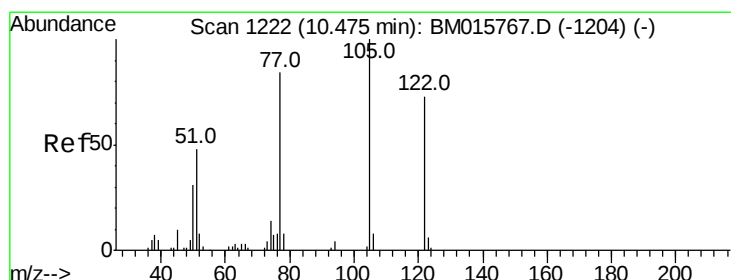
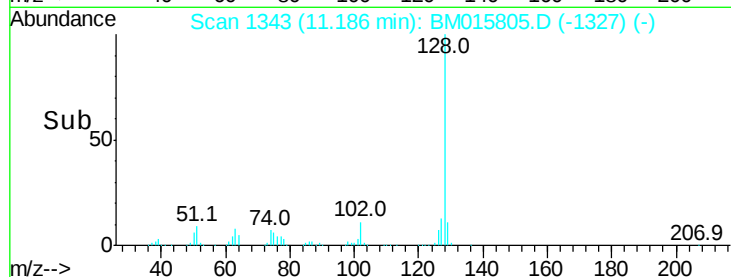
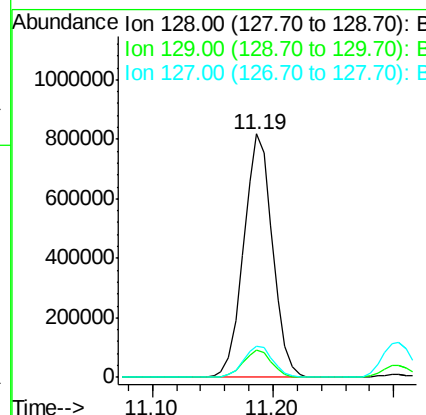
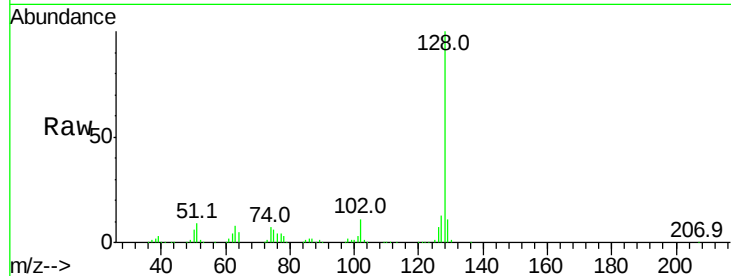
#31
Naphthalene
Concen: 47.585 ng
RT: 11.19 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampled :
PB110790BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.1	10.4	15.6

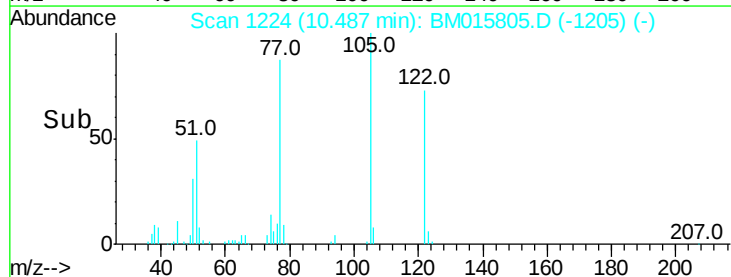
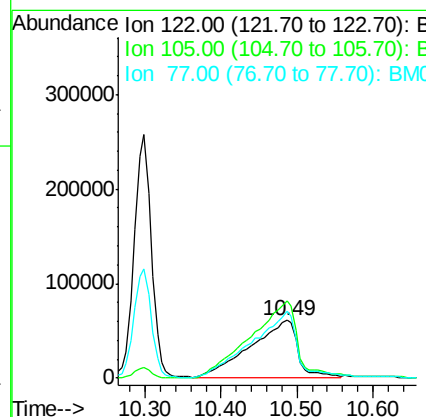
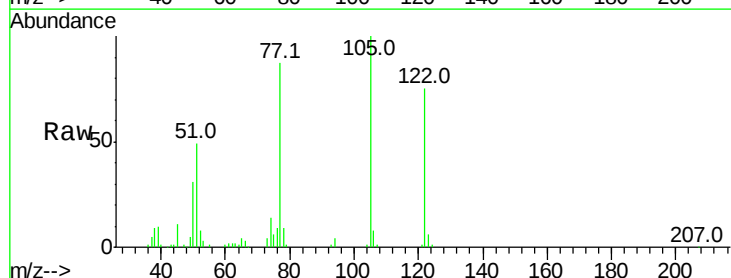
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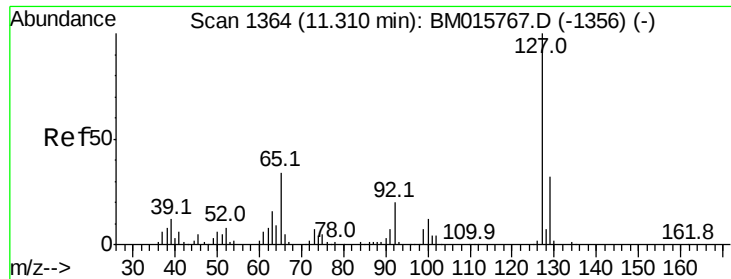
Sohil
7/9/2018 1:55:41 PM



#32
Benzoic acid
Concen: 40.906 ng m
RT: 10.49 min Scan# 1224
Delta R.T. 0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.6	99.9	139.9
77	116.4	73.7	113.7#





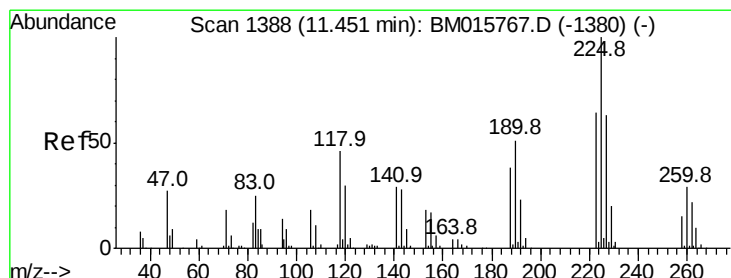
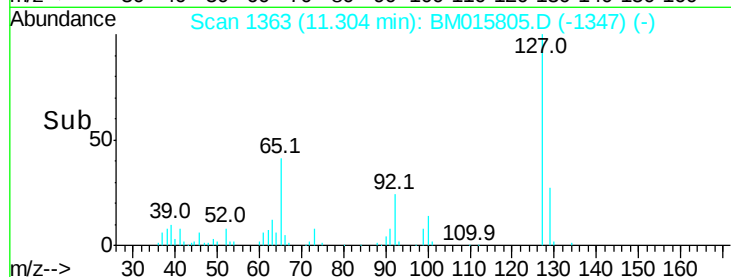
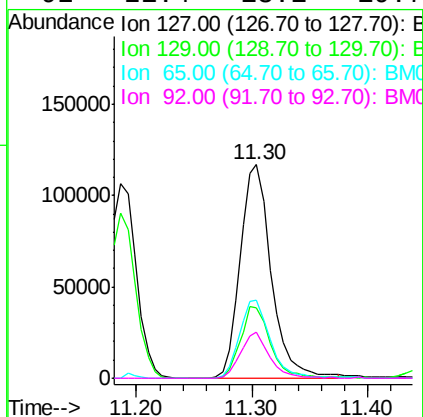
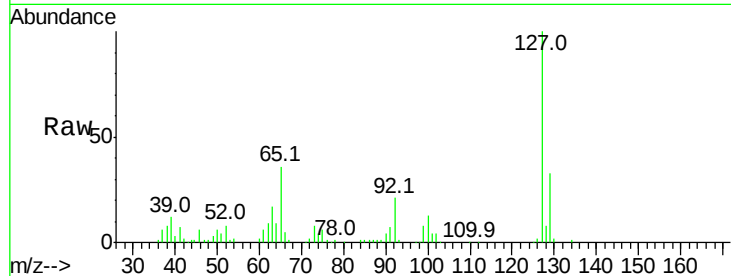
#33
4-Chloroaniline
Concen: 18.778 ng
RT: 11.30 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.3	37.9
65	36.4	17.6	26.4
92	21.4	13.1	19.7

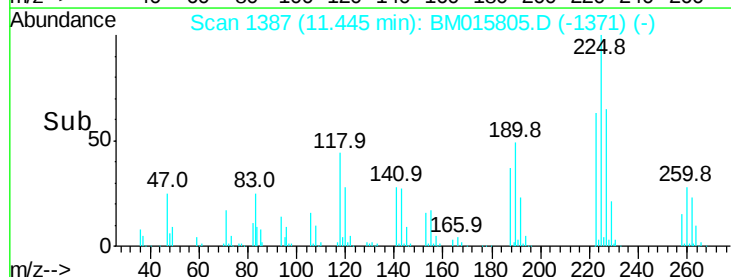
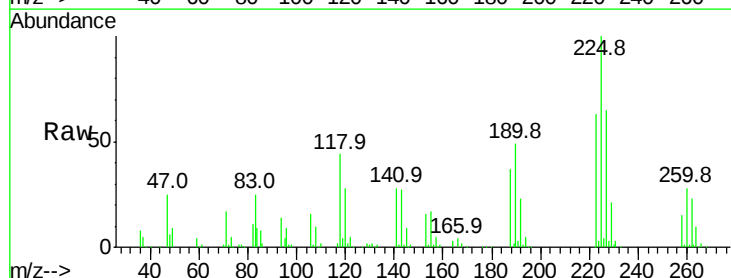
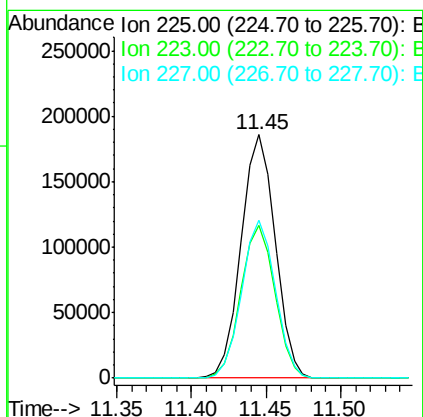
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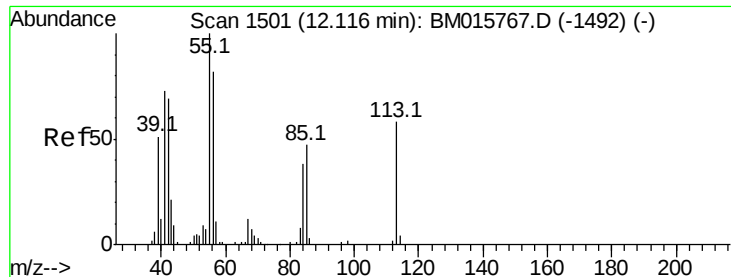
Sohil
7/9/2018 1:55:41 PM



#34
Hexachlorobutadiene
Concen: 47.753 ng
RT: 11.45 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	47.9	71.9
227	65.0	50.1	75.1





#35

Caprolactam

Concen: 40.394 ng/ml

RT: 12.12 min Scan# 1502

Delta R.T. 0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

ClientSampleID :

PB110790BS

Tot Ion:113 Resp: 106691

Ion Ratio Lower Upper

113 100

55 172.7 145.9 185.9

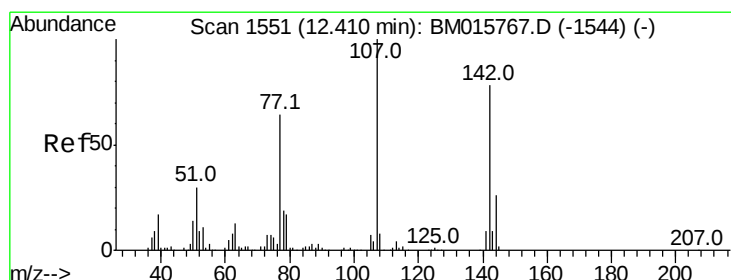
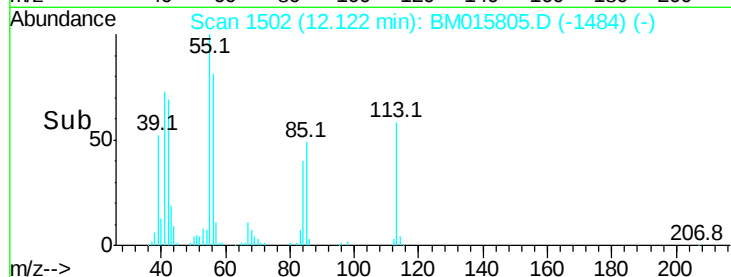
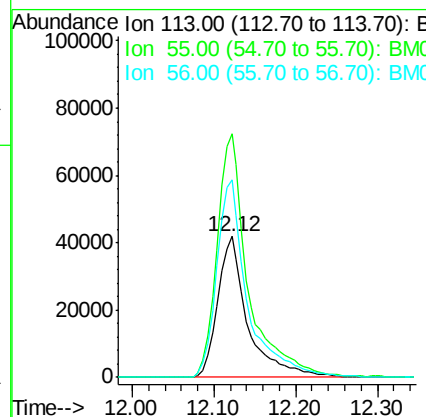
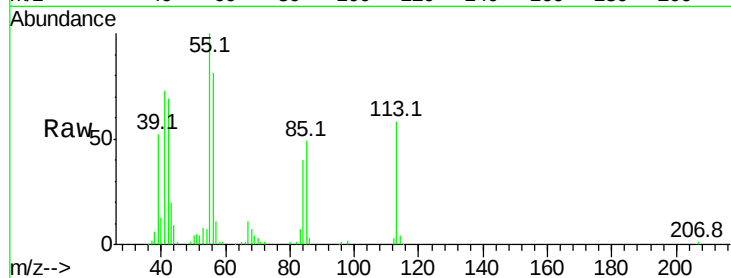
56 140.5 101.0 141.0

Manual Integrations

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7/9/2018 1:55:41 PM



#36

4-Chloro-3-methylphenol

Concen: 47.422 ng/ml

RT: 12.41 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

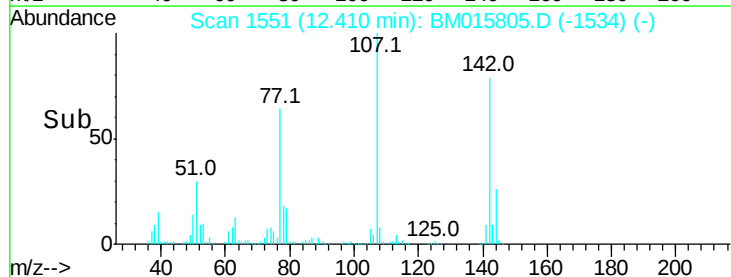
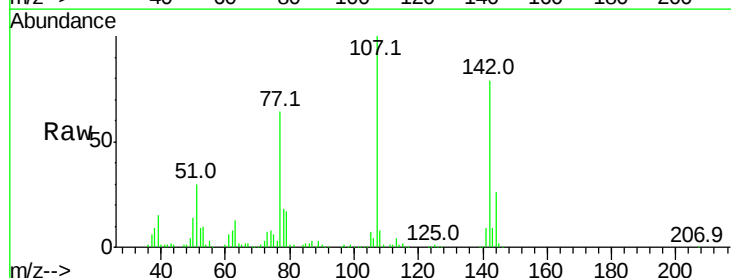
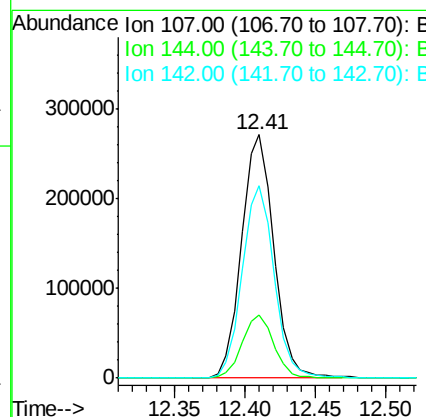
Tgt Ion:107 Resp: 433357

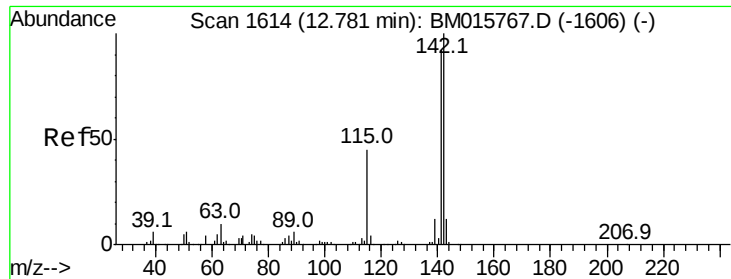
Ion Ratio Lower Upper

107 100

144 25.7 23.3 34.9

142 79.0 72.6 109.0





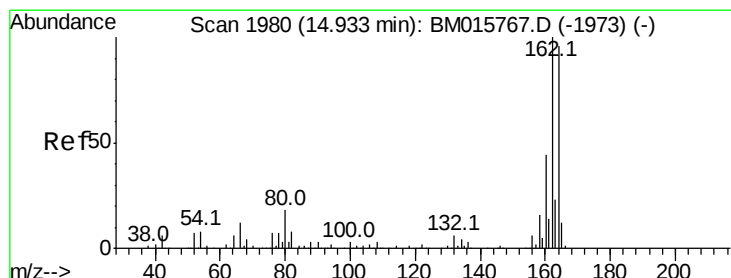
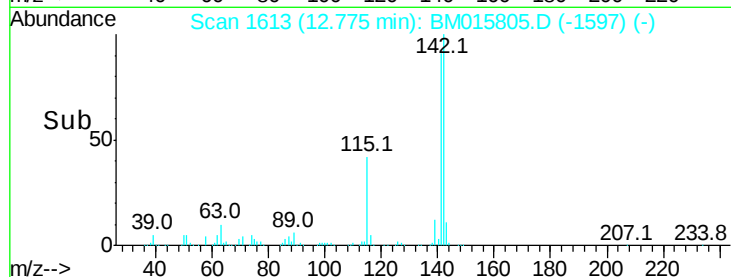
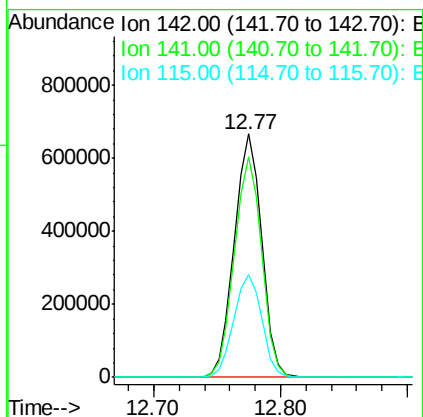
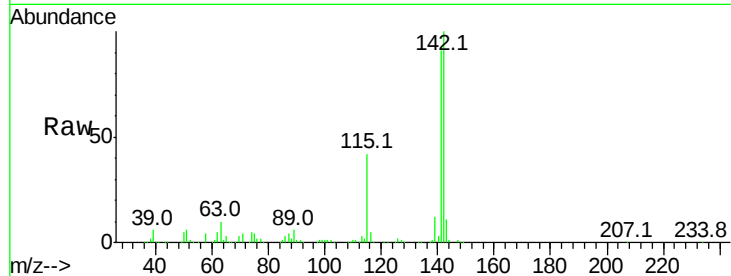
#37
2-Methylnaphthalene
Concen: 49.004 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	995822		
141	90.7	71.9	107.9	
115	42.3	25.4	38.0	

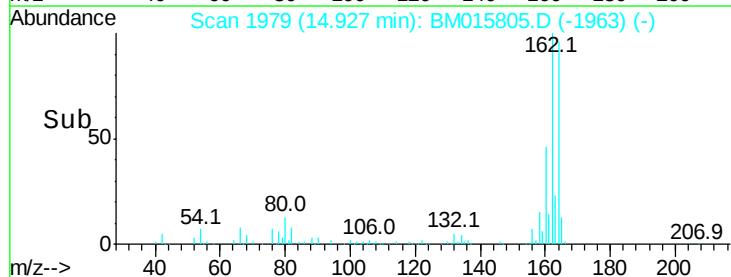
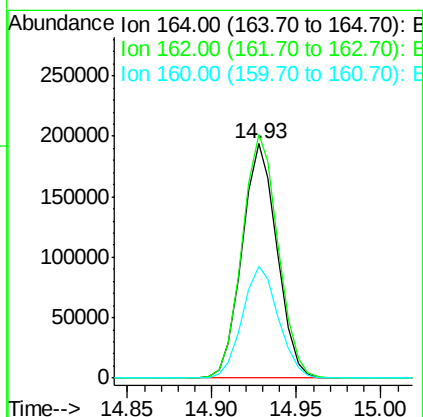
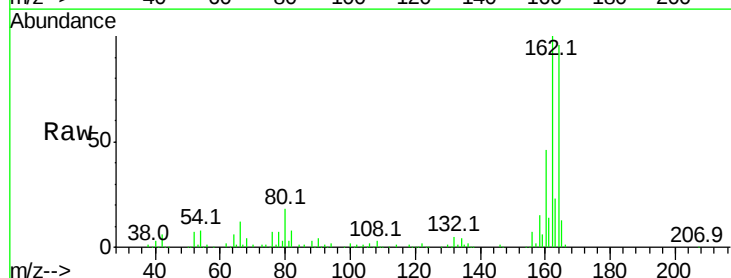
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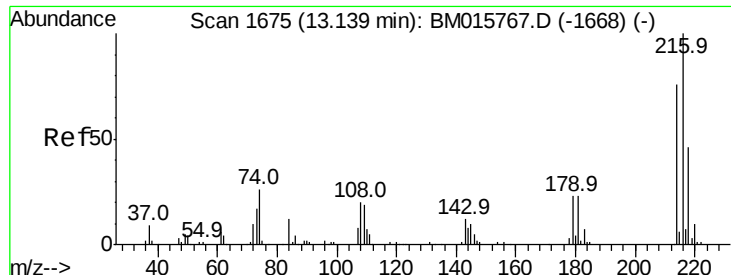
Sohil
7/9/2018 1:55:41 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.93 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	279210		
162	104.0	82.4	123.6	
160	47.7	35.8	53.6	





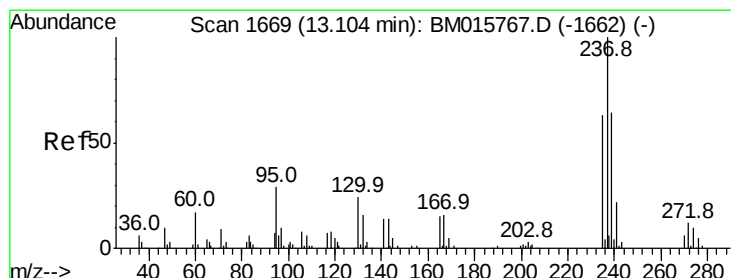
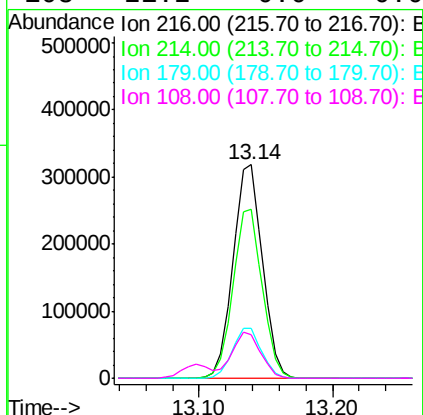
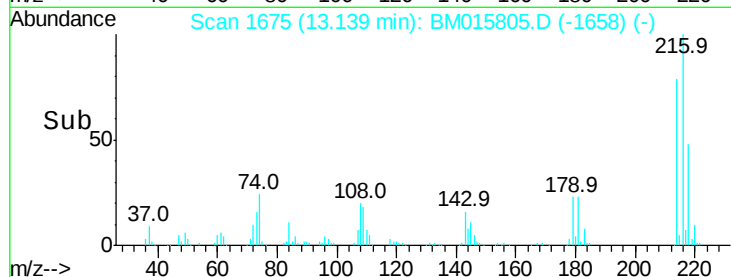
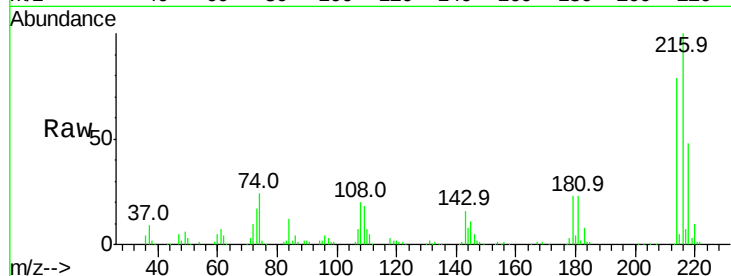
#39
1,2,4,5-Tetrachlorobenzene
Concen: 54.307 ng
RT: 13.14 min Scan# 1675
Delta R.T. -0.00 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.6	0.0	0.0#
179	23.4	0.0	0.0#
108	21.2	0.0	0.0#

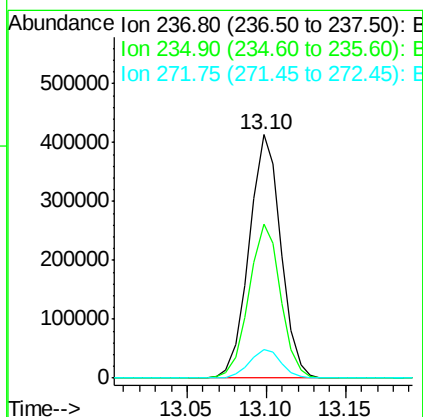
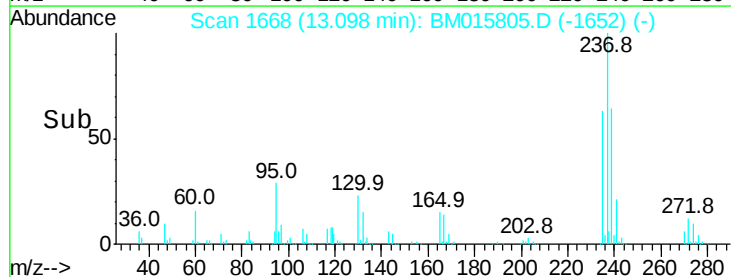
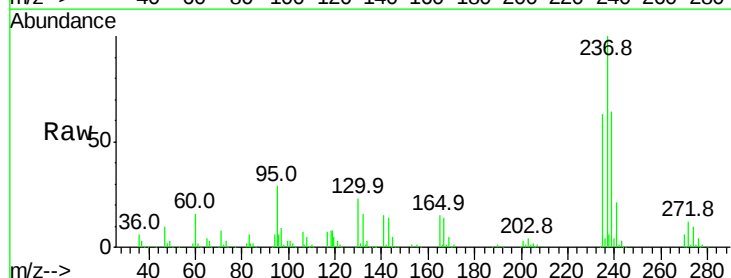
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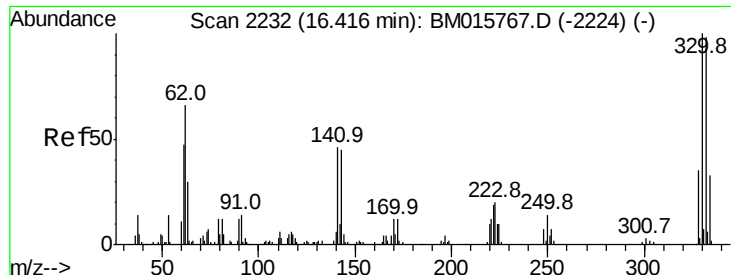
Sohil
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#40
Hexachlorocyclopentadiene
Concen: 130.581 ng
RT: 13.10 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.0	42.0	82.0
272	11.7	0.0	33.4





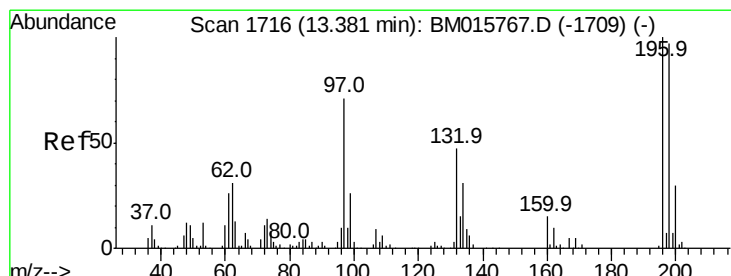
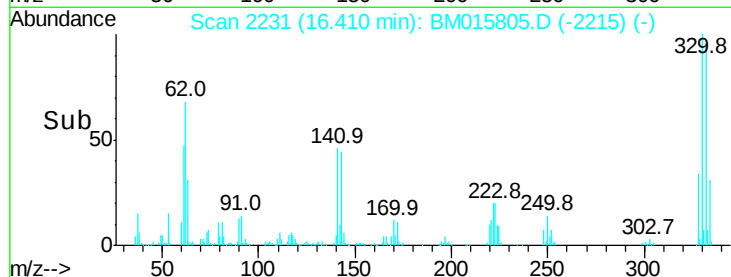
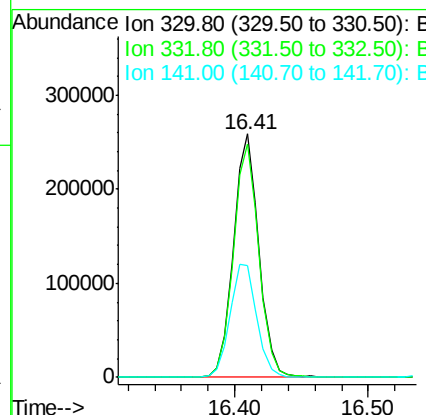
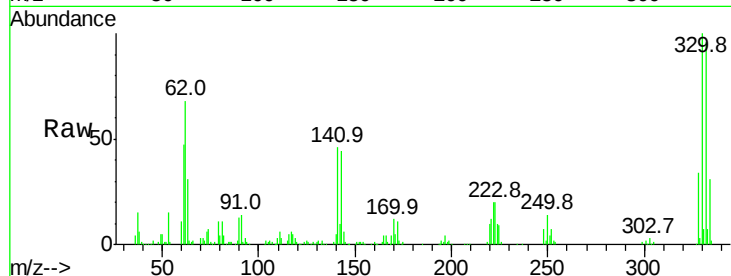
#41
 2,4,6-Tribromophenol
 Concen: 130.581 ng
 RT: 16.41 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	0.0	0.0	0.0
141	49.6	0.0	0.0	0.0

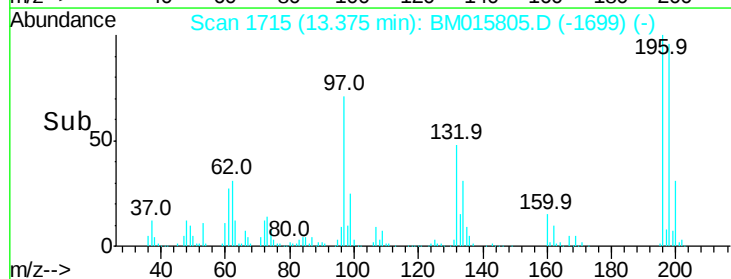
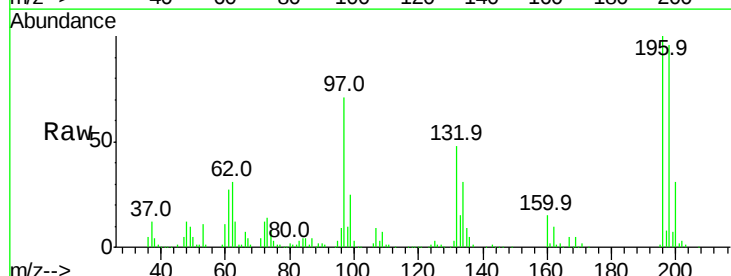
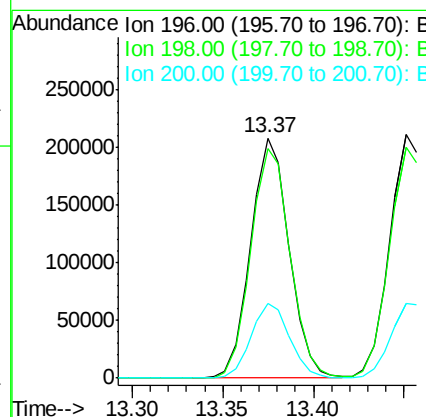
Manual Integrations
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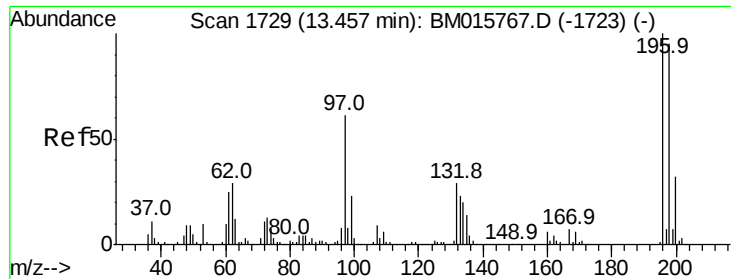
Sohil
 7/9/2018 1:55:41 PM



#42
 2,4,6-Trichlorophenol
 Concen: 54.223 ng
 RT: 13.37 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	76.3	114.5	
200	30.8	25.6	38.4	





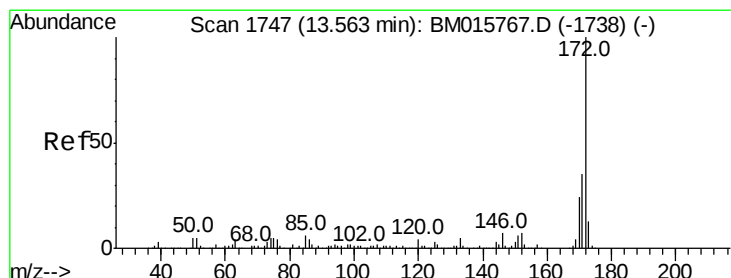
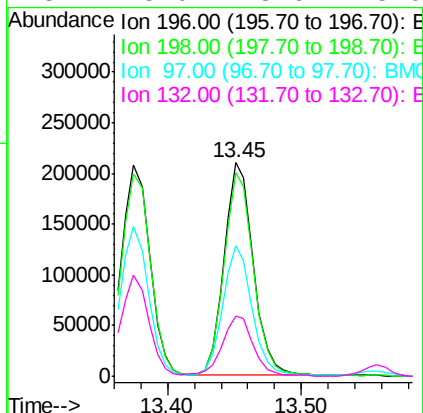
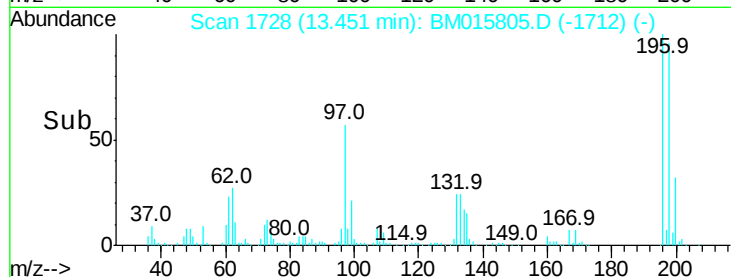
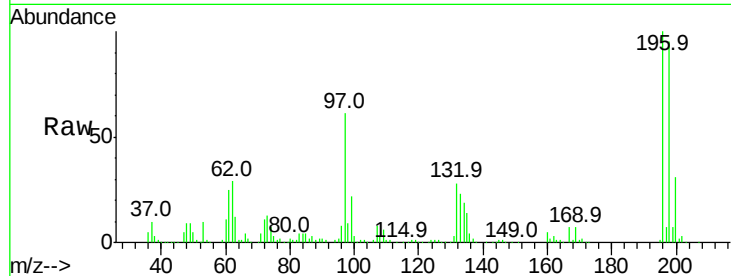
#43
 2,4,5-Trichlorophenol
 Concen: 52.719 ng
 RT: 13.45 min Scan# 1728
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion:	196	Resp:	322599
Ion Ratio	Lower	Upper	
196	100		
198	95.0	79.4	119.0
97	61.2	26.8	40.2#
132	28.0	18.6	28.0#

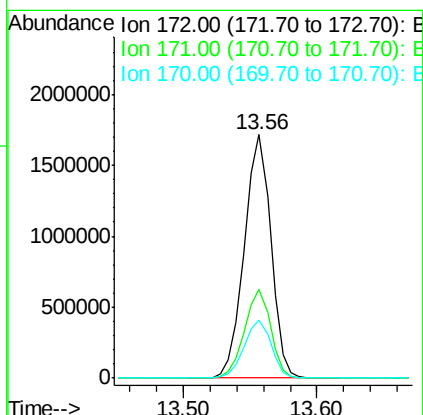
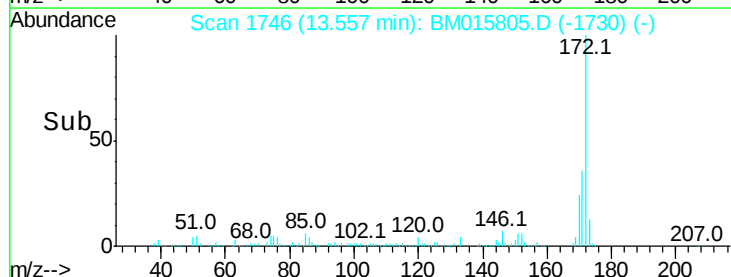
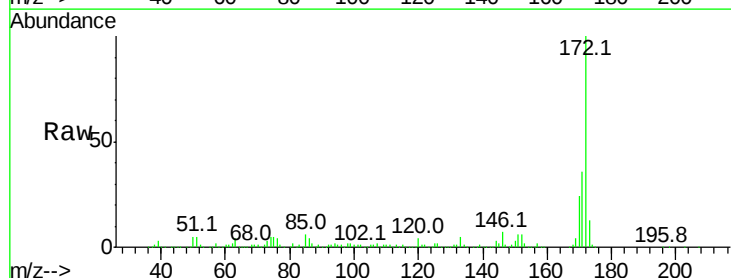
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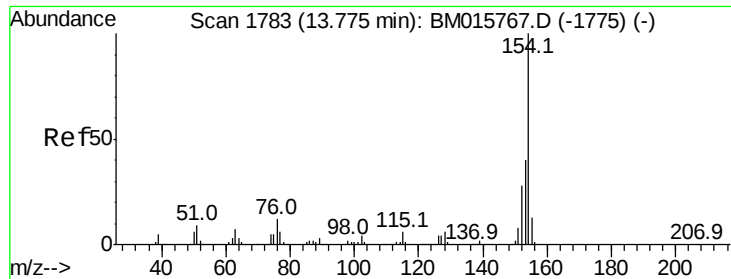
Sohil
 7/9/2018 1:55:41 PM



#44
 2-Fluorobiphenyl
 Concen: 52.719 ng
 RT: 13.56 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tgt Ion:	172	Resp:	2352874
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.5	42.7
170	23.7	18.8	28.2





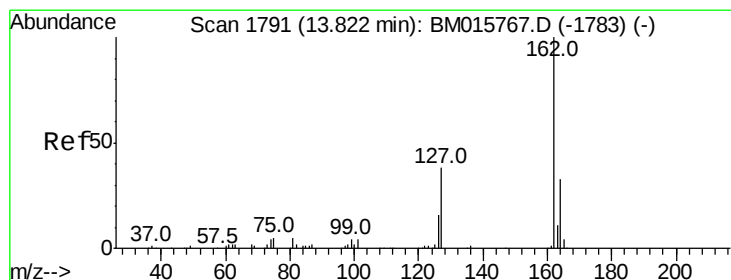
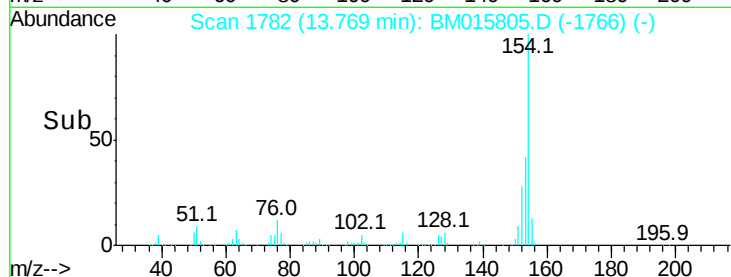
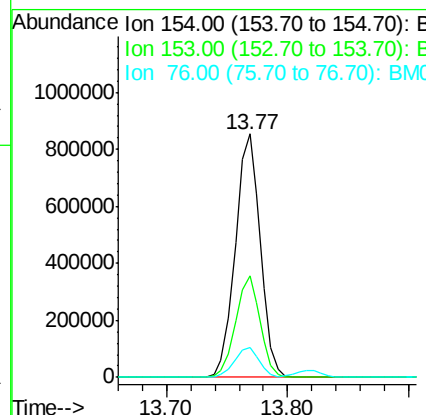
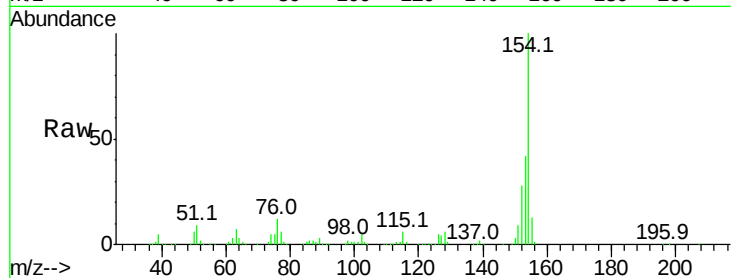
#45
 1,1'-Biphenyl
 Concen: 50.718 ng
 RT: 13.77 min Scan# 1782
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampled :
 PB110790BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	20.7	60.7
76	12.3	0.0	30.9

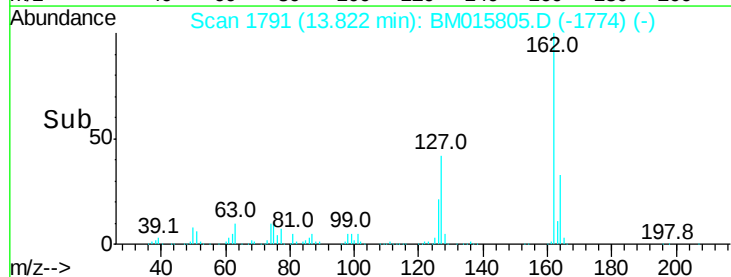
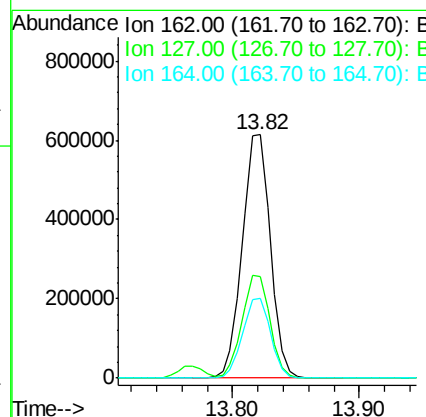
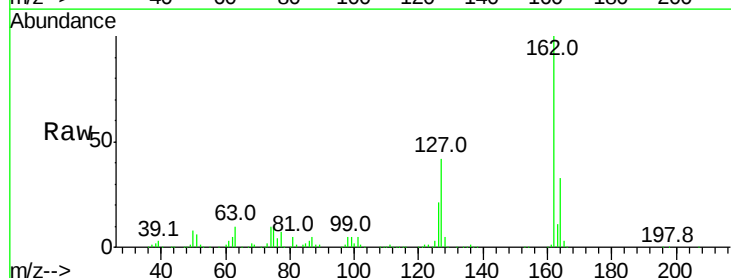
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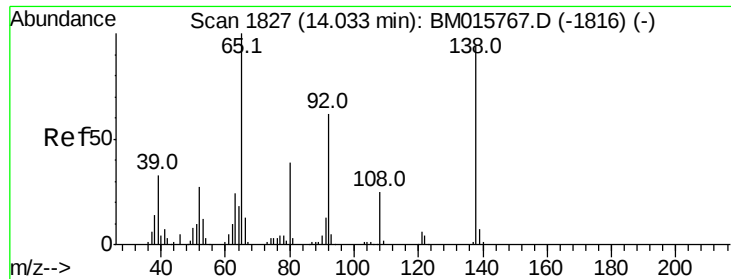
Sohil
 7/9/2018 1:55:41 PM



#46
 2-Chloronaphthalene
 Concen: 52.223 ng
 RT: 13.82 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	26.9	40.3#
164	33.0	26.8	40.2





#47

2-Nitroaniline

Concen: 47.757 ng

RT: 14.03 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion: 65 Resp: 300594

Ion Ratio Lower Upper

65 100

92 61.9 59.1 88.7

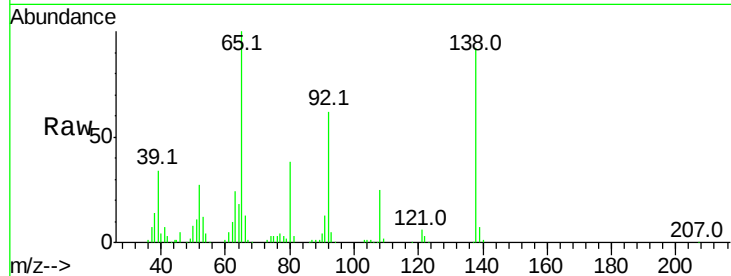
138 92.3 93.9 140.9#

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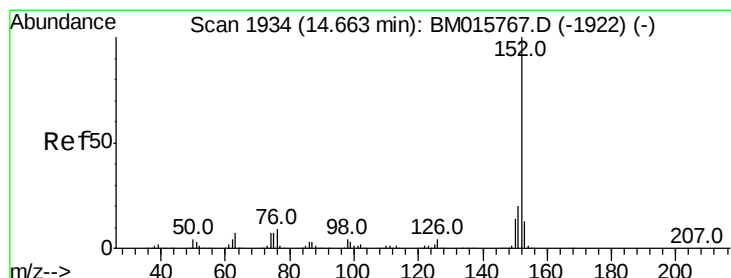
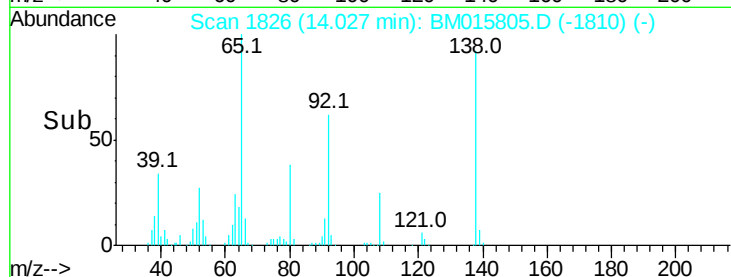
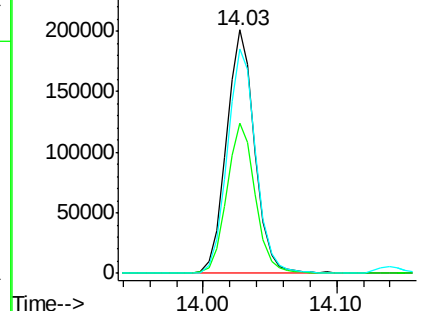
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Abundance Ion 65.00 (64.70 to 65.70): BM015767.D (-1816) (-)

Ion 92.00 (91.70 to 92.70): BM015767.D (-1816) (-)

Ion 138.00 (137.70 to 138.70): BM015767.D (-1816) (-)



#48

Acenaphthylene

Concen: 50.611 ng

RT: 14.66 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

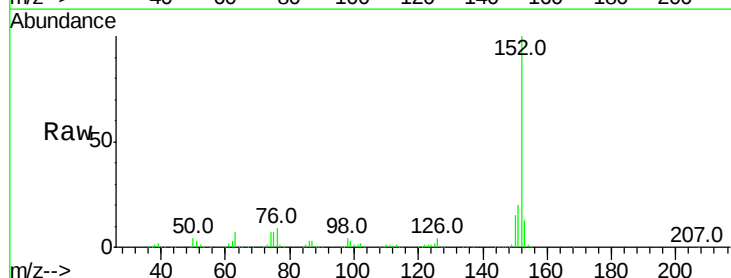
Tgt Ion: 152 Resp: 1486024

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

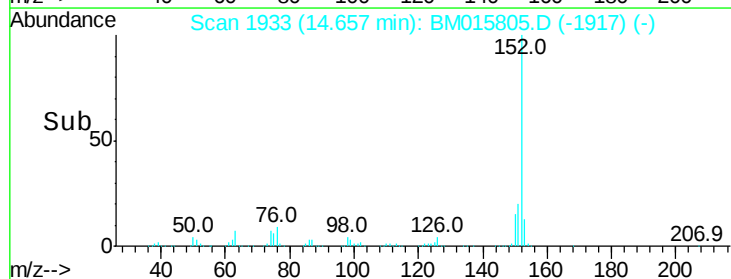
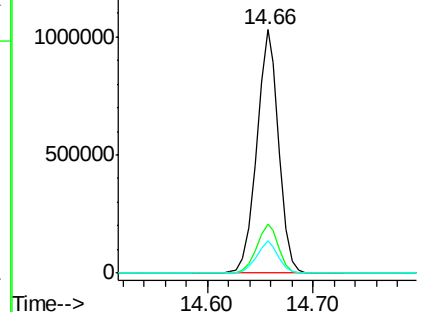
153 13.1 10.6 16.0

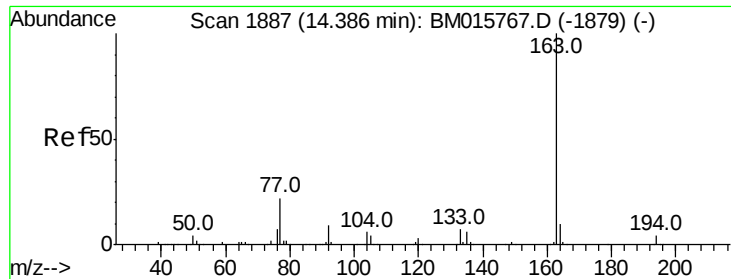


Abundance Ion 152.00 (151.70 to 152.70): BM015767.D (-1922) (-)

Ion 151.00 (150.70 to 151.70): BM015767.D (-1922) (-)

Ion 153.00 (152.70 to 153.70): BM015767.D (-1922) (-)





#49

Dimethylphthalate

Concen: 46.012 ng

RT: 14.38 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

ClientSampled :

PB110790BS

Tot Ion:163 Resp: 1133019

Ion Ratio Lower Upper

163 100

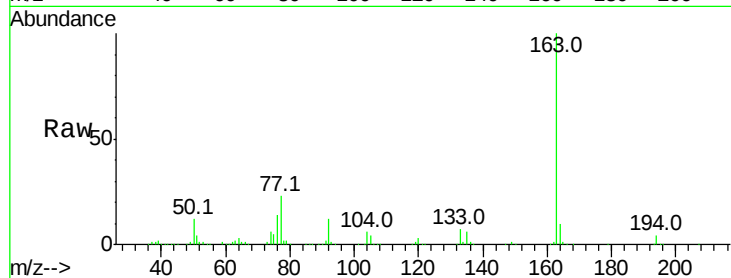
194 3.8 2.7 4.1

164 10.2 8.2 12.2

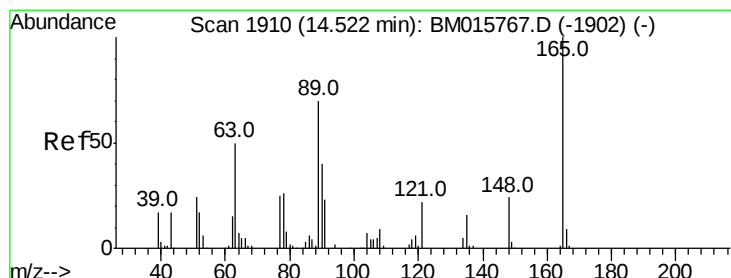
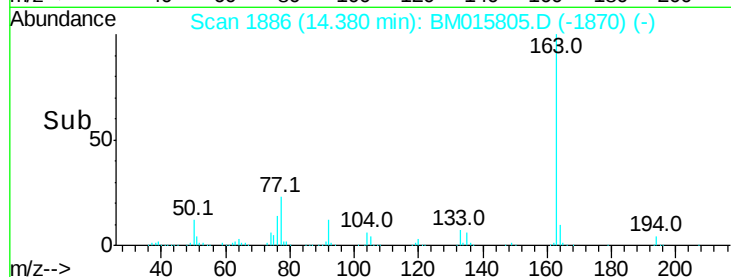
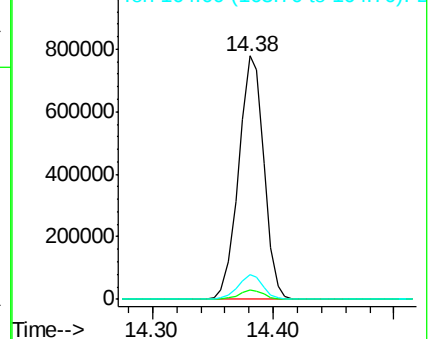
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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.357 ng

RT: 14.52 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

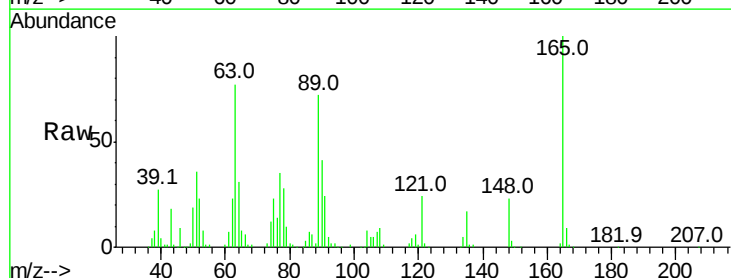
Tgt Ion:165 Resp: 236973

Ion Ratio Lower Upper

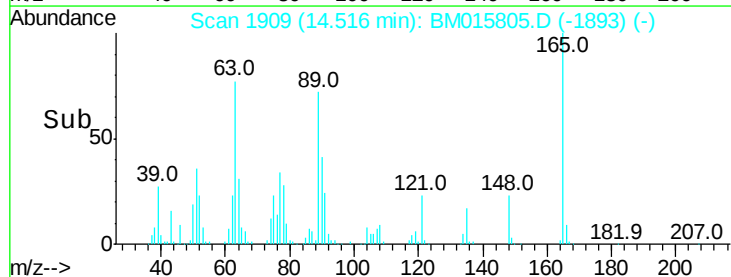
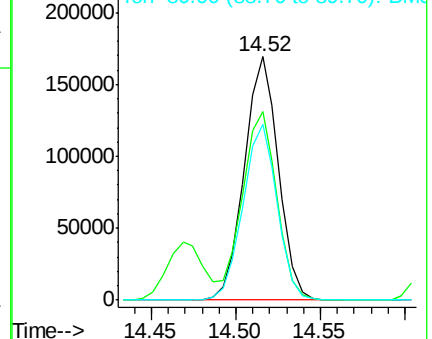
165 100

63 77.3 44.1 66.1#

89 72.2 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 46.819 ng

RT: 14.99 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

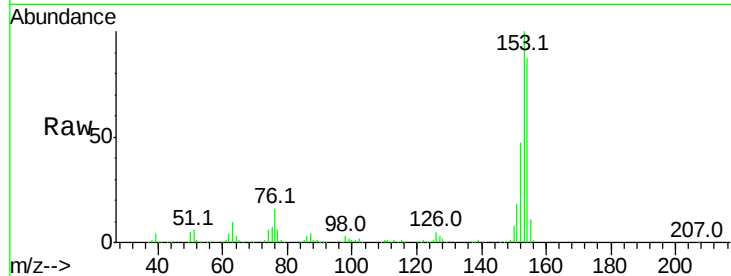
ClientSampleId :

PB110790BS

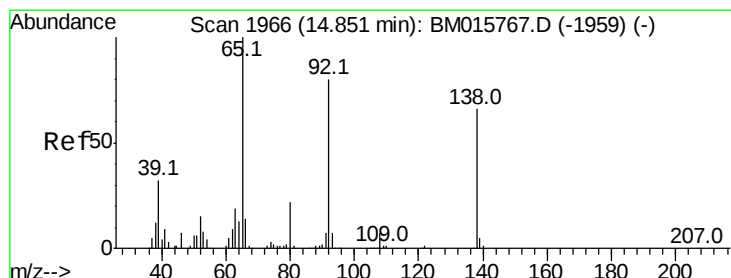
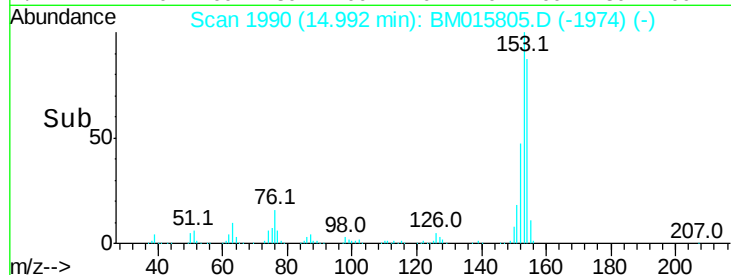
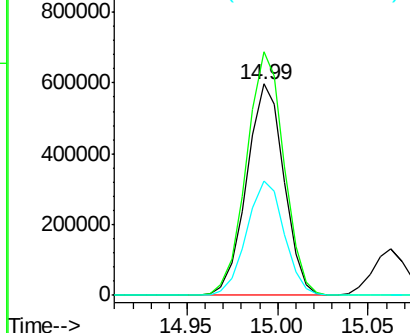
Tot Ion:	154	Resp:	855419
Ion Ratio	Lower	Upper	
154	100		
153	115.1	90.0	135.0
152	54.1	42.6	63.8

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



#52

3-Nitroaniline

Concen: 23.716 ng

RT: 14.85 min Scan# 1965

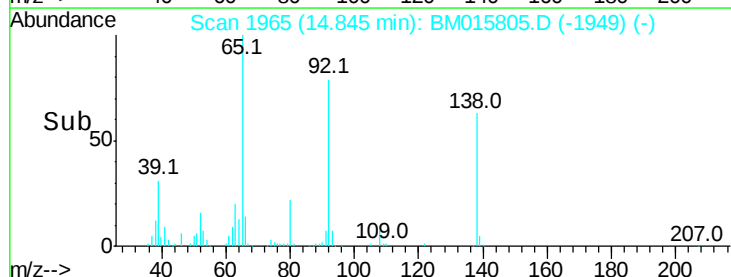
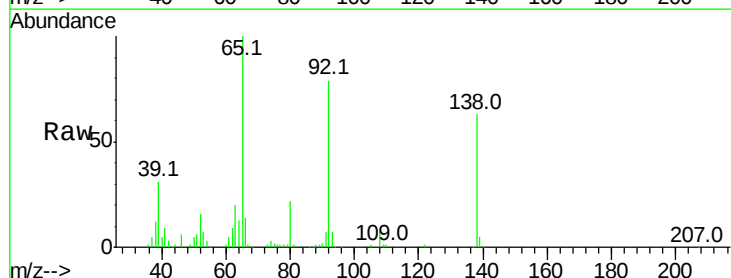
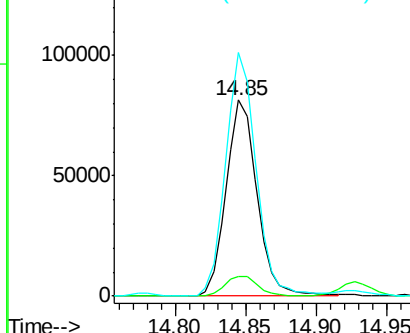
Delta R.T. -0.01 min

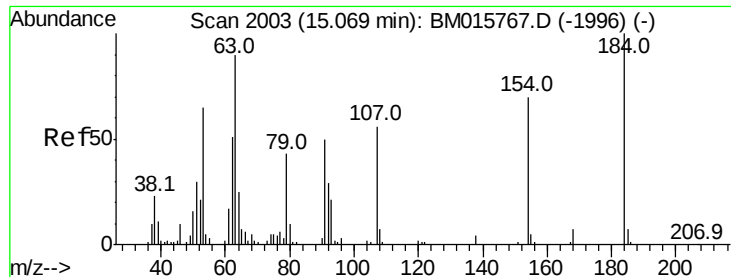
Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Tgt Ion:	138	Resp:	124631
Ion Ratio	Lower	Upper	
138	100		
108	10.3	7.3	10.9
92	124.1	76.6	114.8#

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM





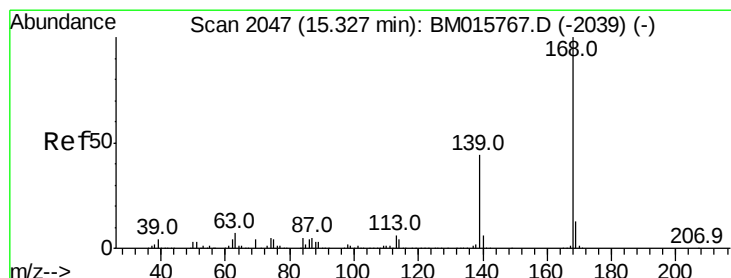
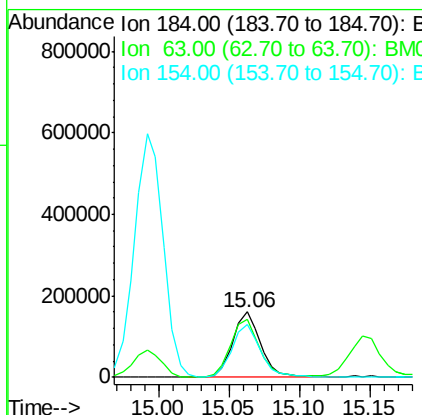
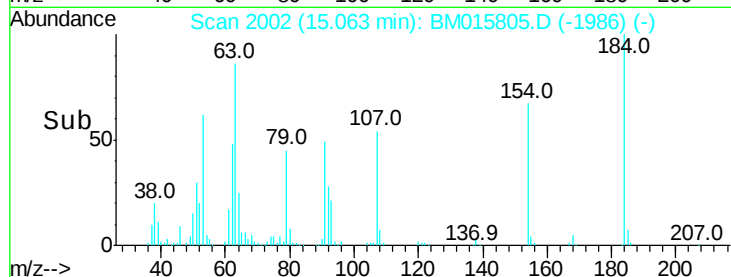
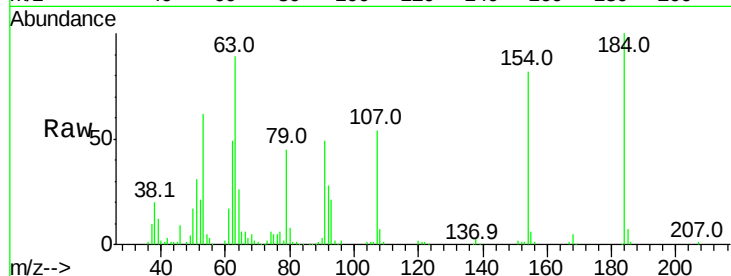
#53
2,4-Dinitrophenol
Concen: 92.875 ng
RT: 15.06 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampled :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	226111		
63	88.6	69.2	103.8	
154	81.6	53.3	79.9#	

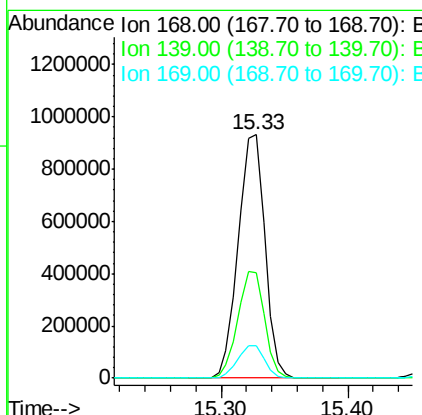
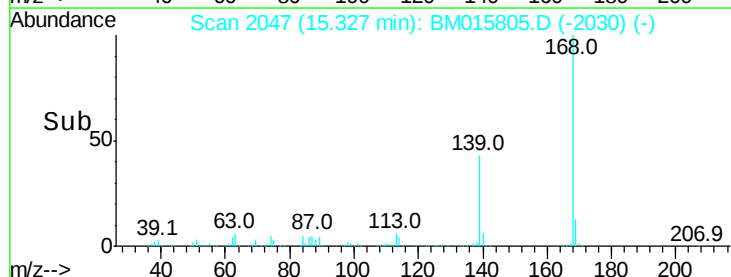
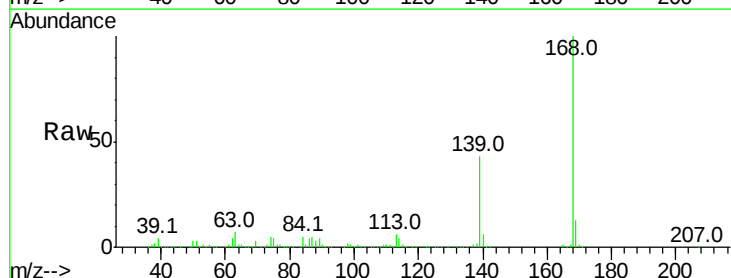
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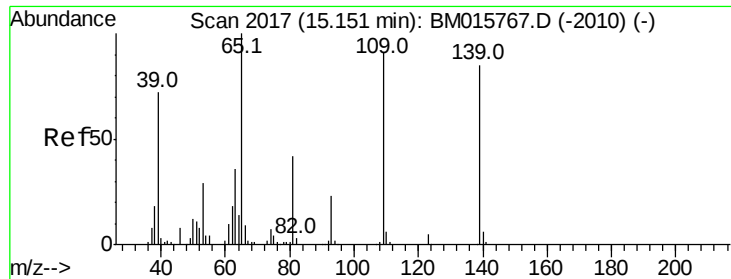
Sohil
7/9/2018 1:55:41 PM



#54
Dibenzofuran
Concen: 48.177 ng
RT: 15.33 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1356353		
139	43.2	27.3	40.9#	
169	13.1	10.6	16.0	





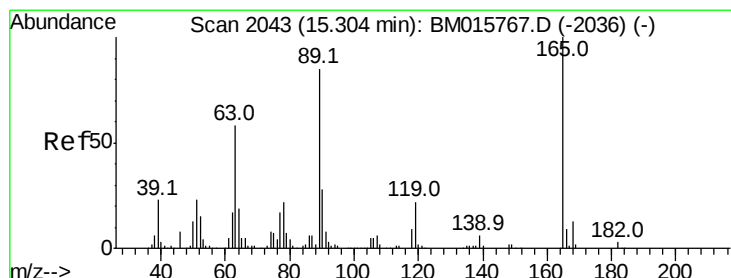
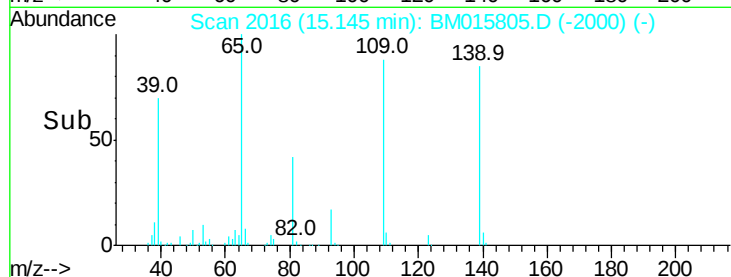
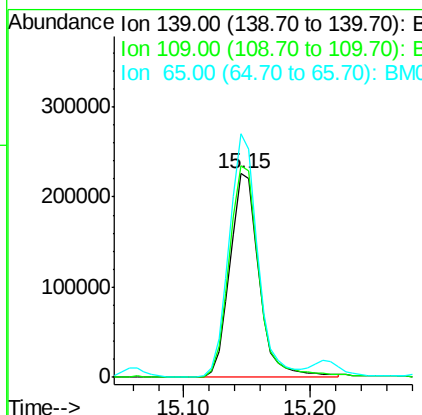
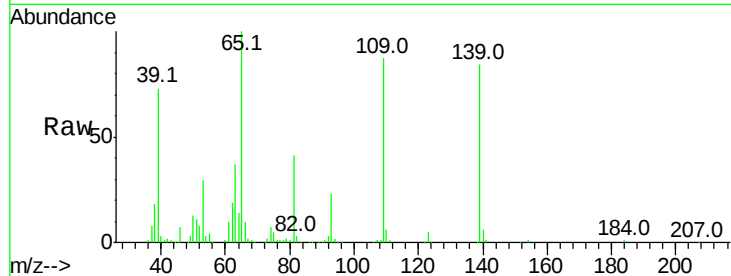
#55
4-Nitrophenol
Concen: 92.540 ng
RT: 15.15 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	103.8	130.0	170.0#	
65	119.6	130.0	170.0#	

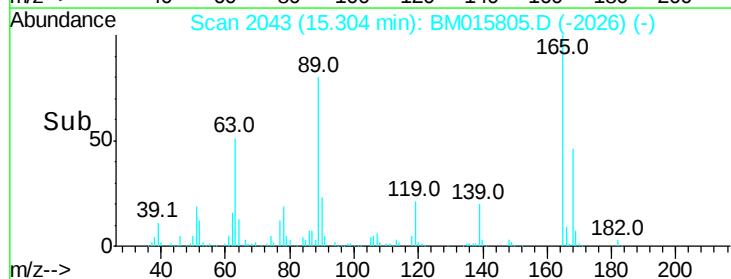
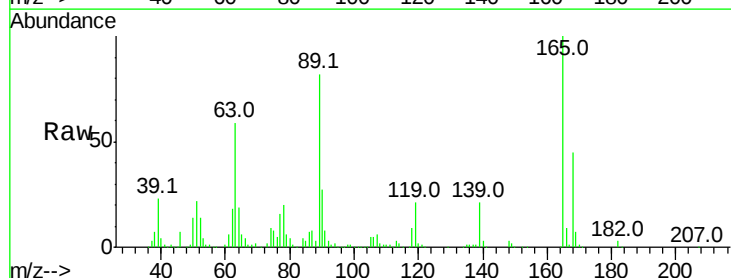
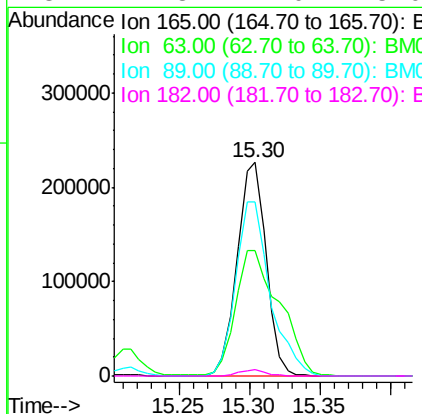
Manual Integrations
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7/9/2018 1:55:41 PM



#56
2,4-Dinitrotoluene
Concen: 46.751 ng
RT: 15.30 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.9	52.4	78.6	
89	81.7	72.4	108.6	
182	2.8	2.0	3.0	





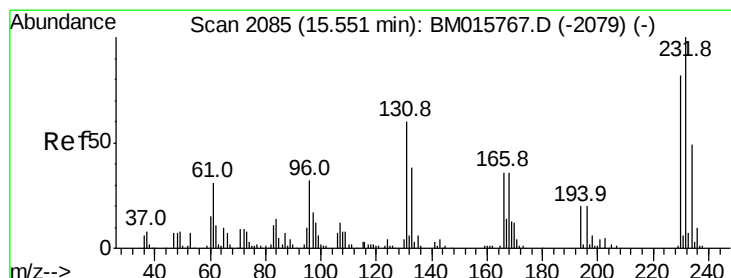
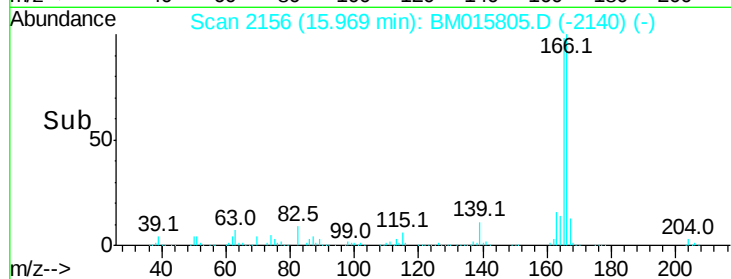
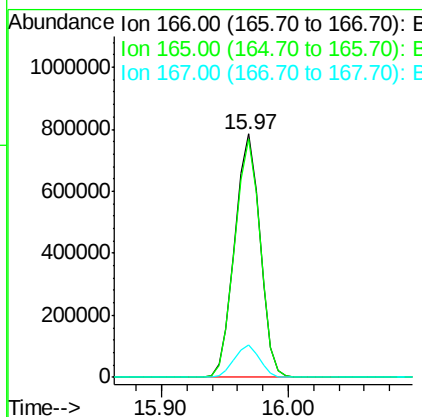
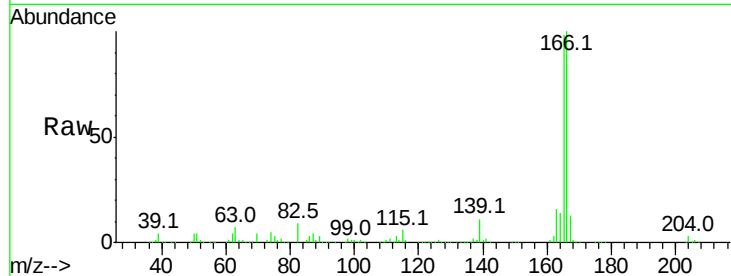
#57
 Fluorene
 Concen: 46.525 ng
 RT: 15.97 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.0	118.4
167	13.3	10.3	15.5

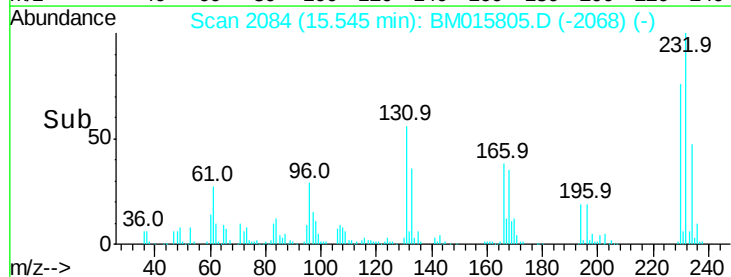
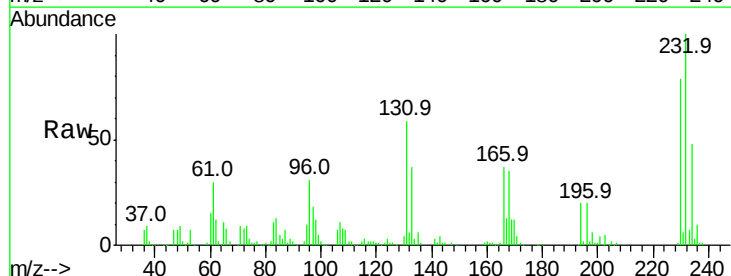
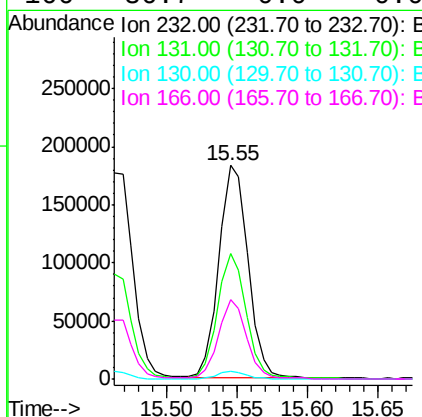
Manual Integrations
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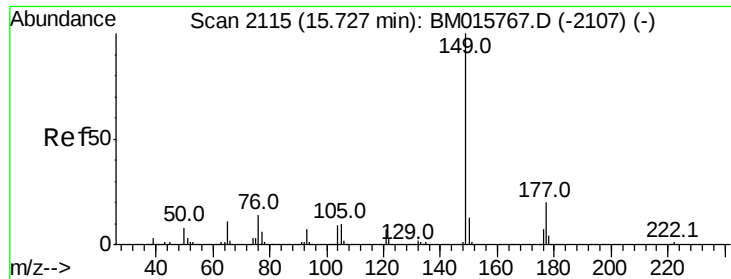
Sohil
 7/9/2018 1:55:41 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.815 ng
 RT: 15.55 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
232	100		
131	57.2	0.0	0.0#
130	3.6	0.0	0.0#
166	36.7	0.0	0.0#





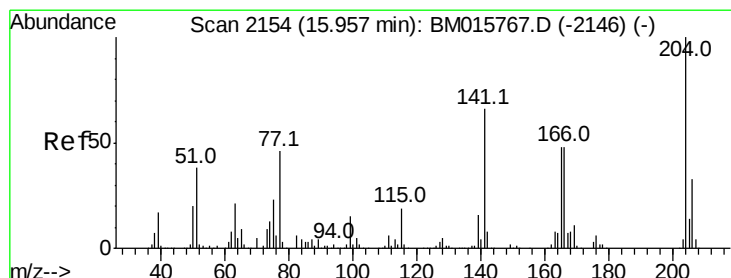
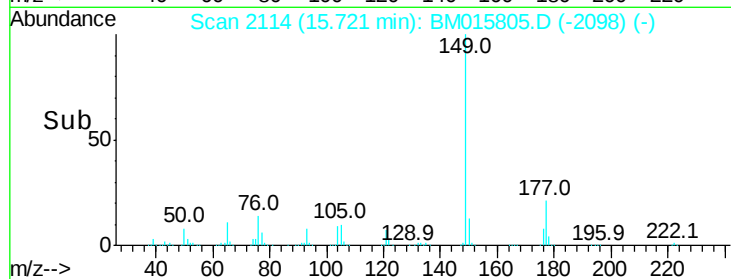
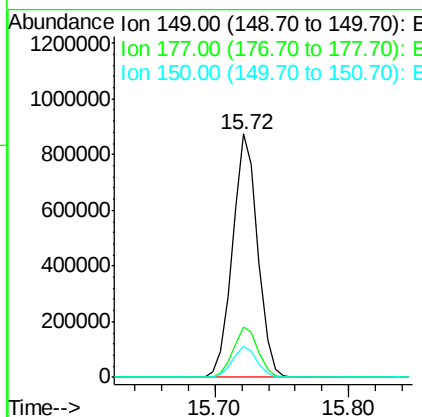
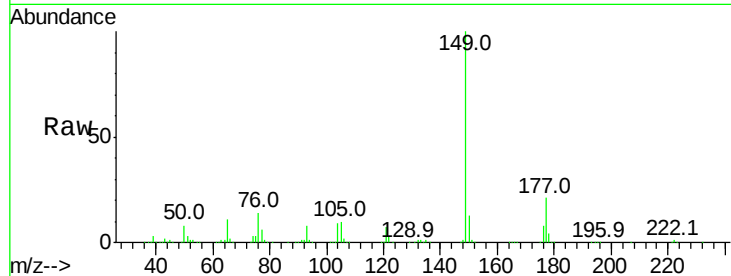
#59
Diethylphthalate
Concen: 43.369 ng
RT: 15.72 min Scan# 2114
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion:149 Resp: 1144430
Ion Ratio Lower Upper
149 100
177 20.6 18.3 27.5
150 12.7 9.8 14.8

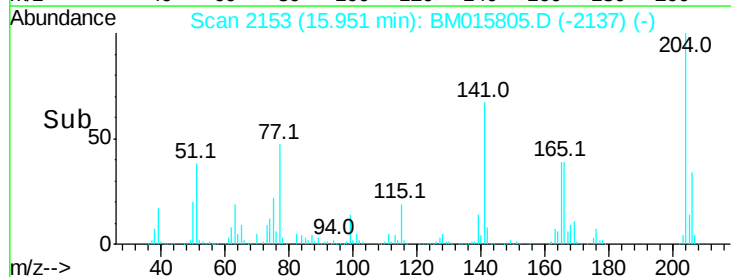
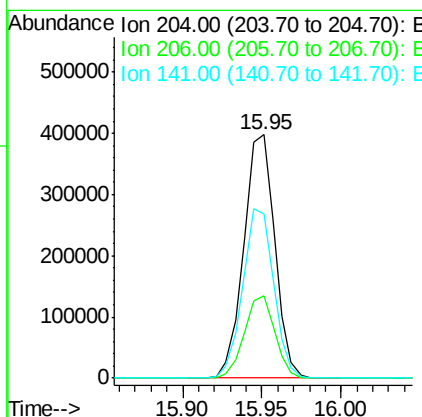
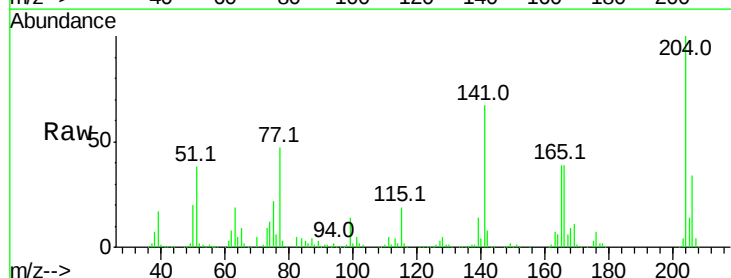
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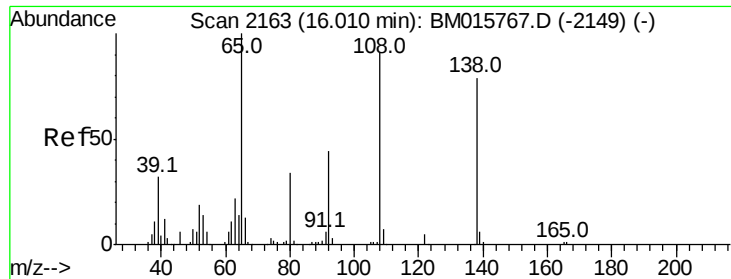
Sohil
7/9/2018 1:55:41 PM



#60
4-Chlorophenyl-phenylether
Concen: 45.263 ng
RT: 15.95 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion:204 Resp: 540730
Ion Ratio Lower Upper
204 100
206 33.9 26.6 39.8
141 67.5 45.2 67.8





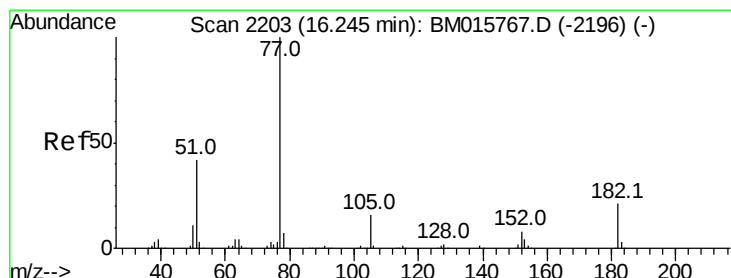
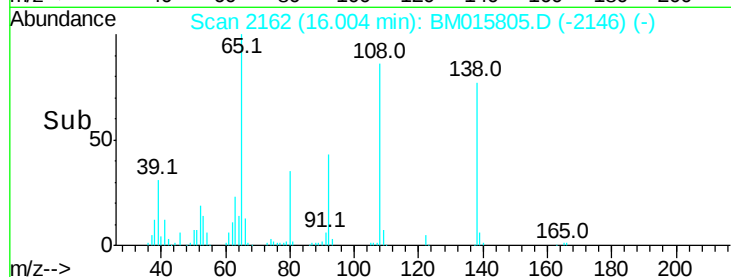
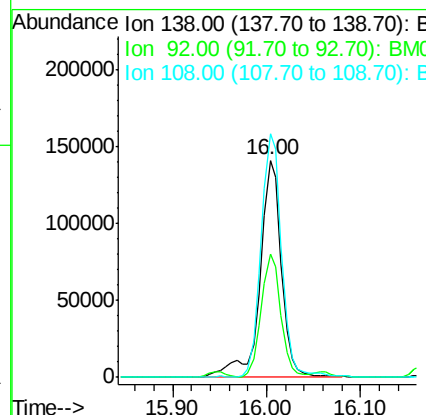
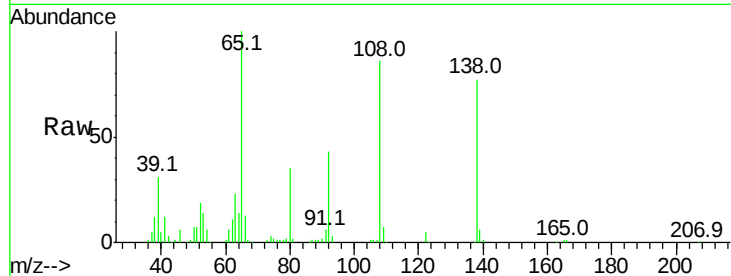
#61
4-Nitroaniline
Concen: 41.364 ng
RT: 16.00 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	56.7	16.7	56.7
108	112.2	37.6	77.6#

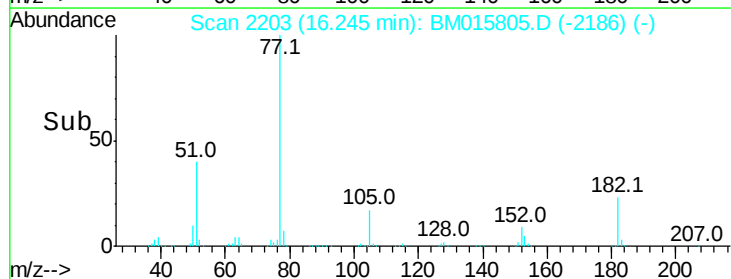
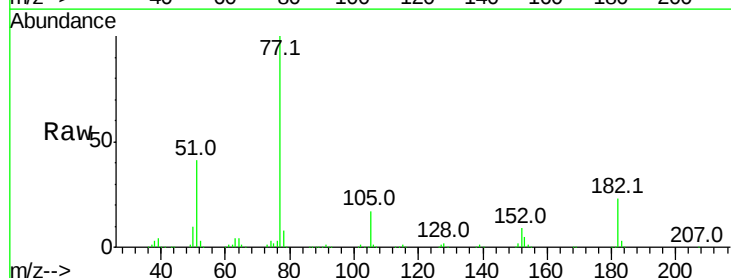
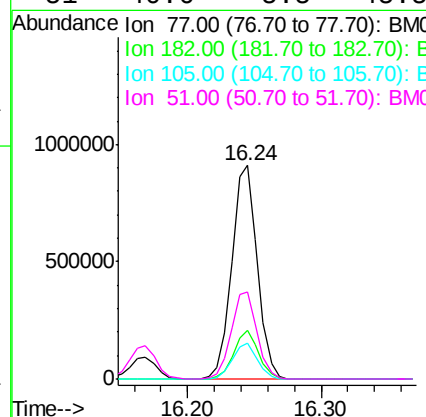
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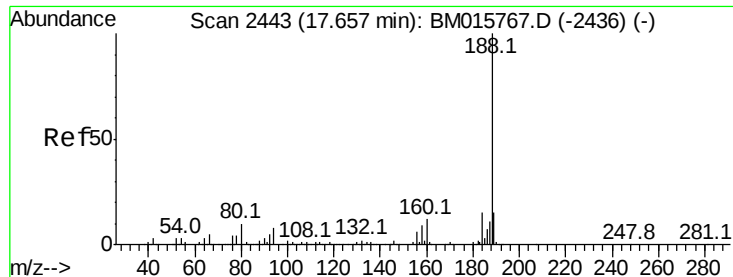
Sohil
7/9/2018 1:55:41 PM



#62
Azobenzene
Concen: 49.137 ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	22.7	6.5	46.5
105	16.6	3.8	43.8
51	40.6	5.5	45.5





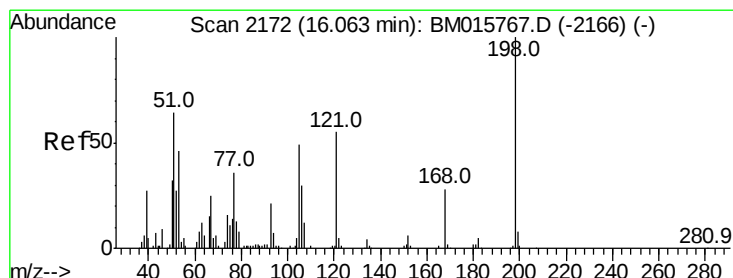
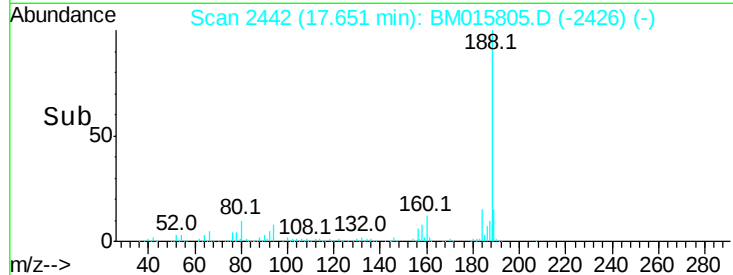
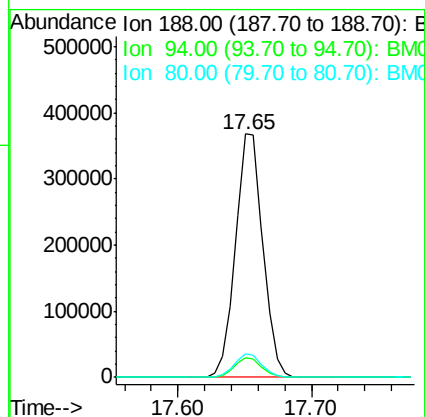
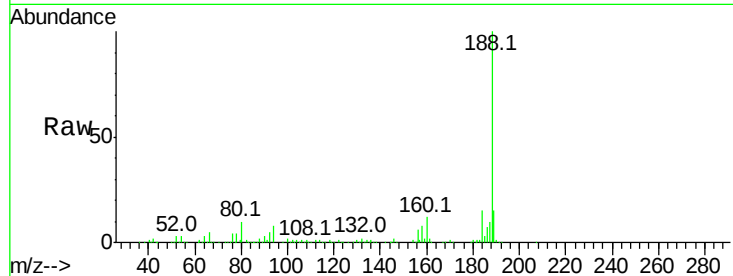
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.65 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion:188	Resp: 524871
Ion Ratio Lower Upper	
188 100	
94 8.3 8.7 13.1#	
80 9.8 9.3 13.9	

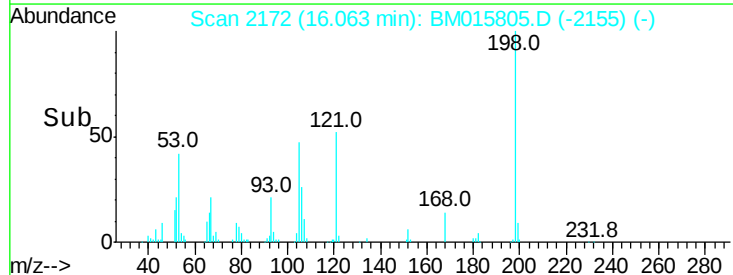
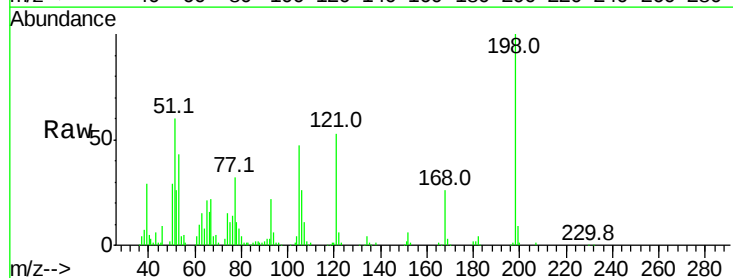
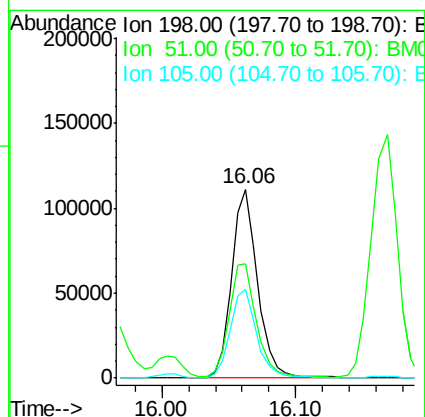
Manual Integrations
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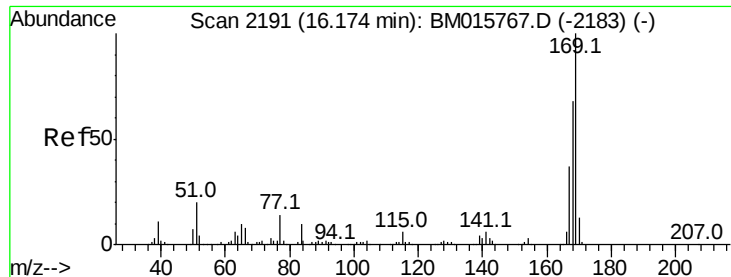
Sohil
7/9/2018 1:55:41 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.602 ng
RT: 16.06 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion:198	Resp: 151889
Ion Ratio Lower Upper	
198 100	
51 60.5 28.8 68.8	
105 47.1 30.5 70.5	





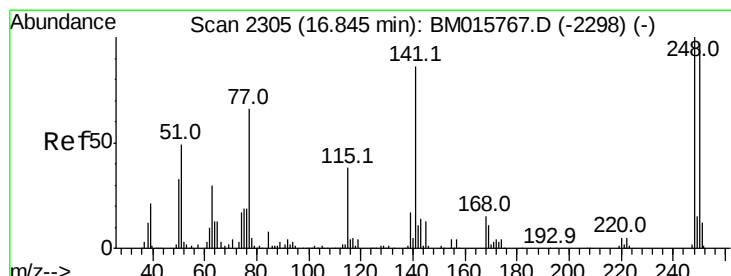
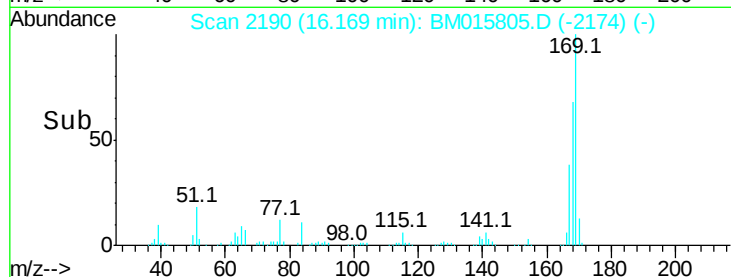
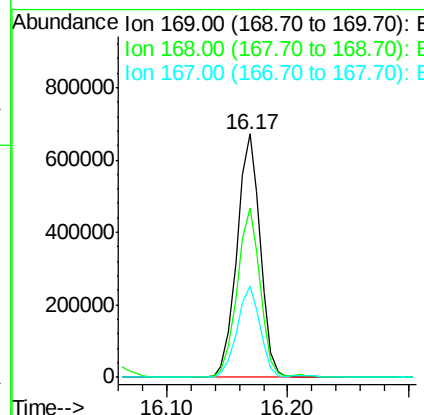
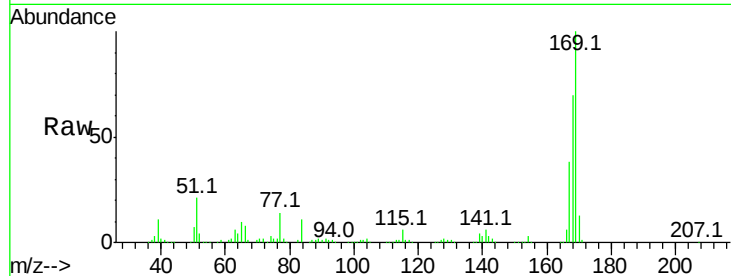
#65
n-Nitrosodiphenylamine
Concen: 50.002 ng
RT: 16.17 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	899271		
168	69.8		53.9	80.9
167	37.5		28.9	43.3

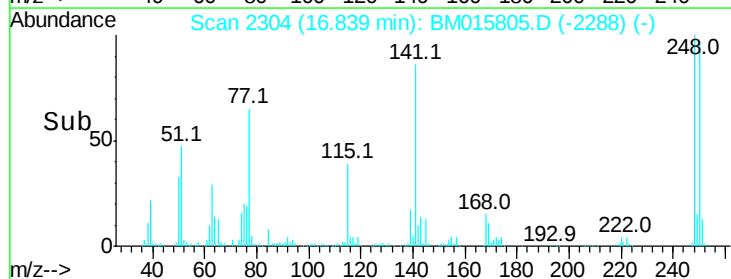
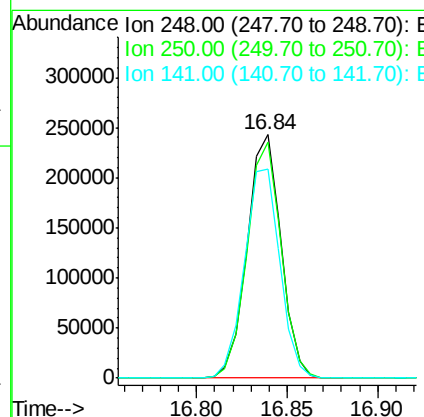
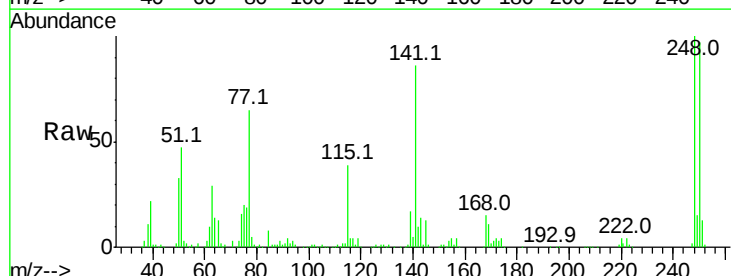
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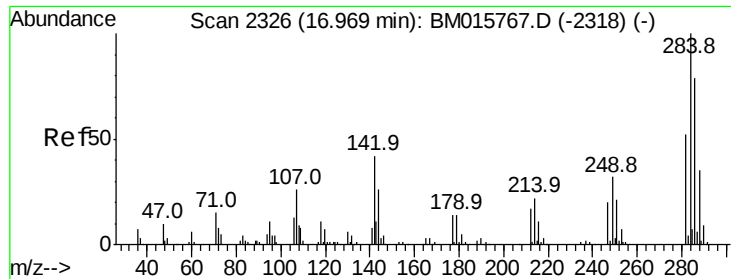
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 53.746 ng
RT: 16.84 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	314967		
250	96.7		77.4	116.0
141	85.6		45.2	67.8





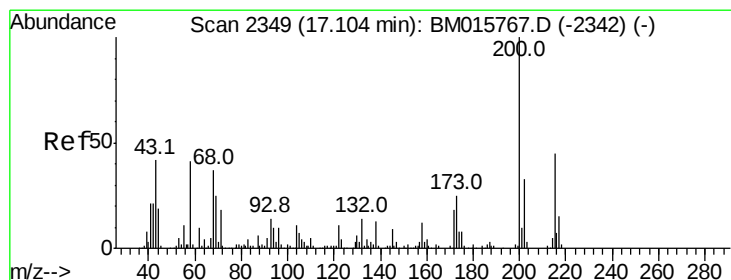
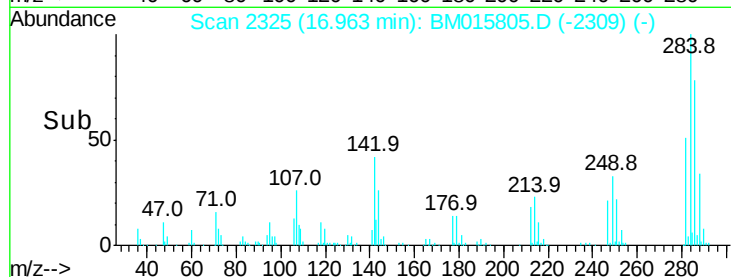
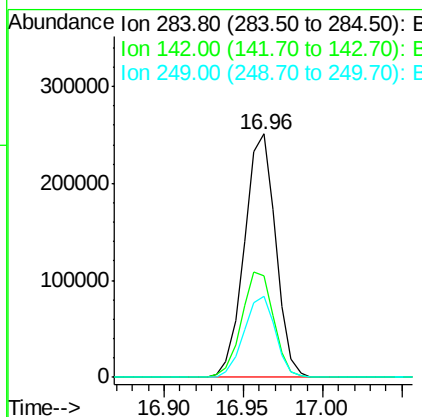
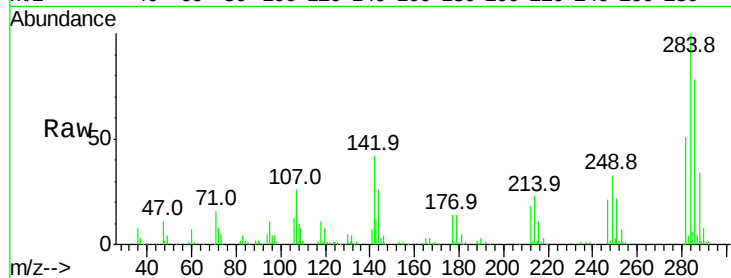
#67
Hexachlorobenzene
Concen: 52.475 ng
RT: 16.96 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	343637		
142	41.9	20.4	30.6	#
249	33.3	23.8	35.6	

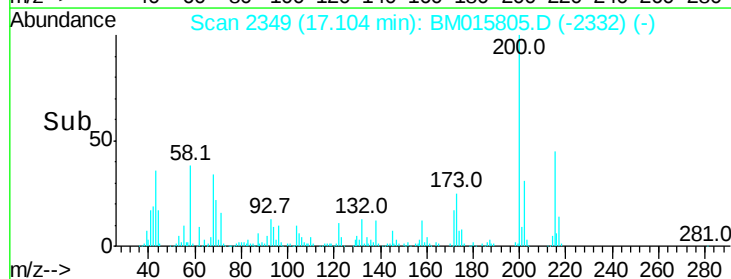
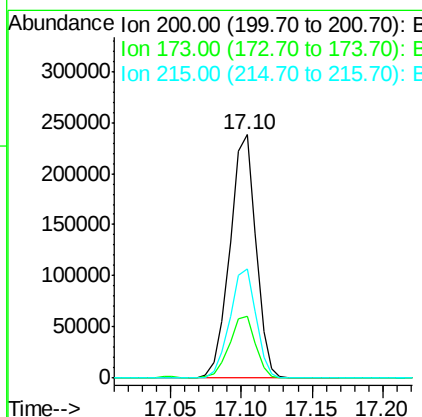
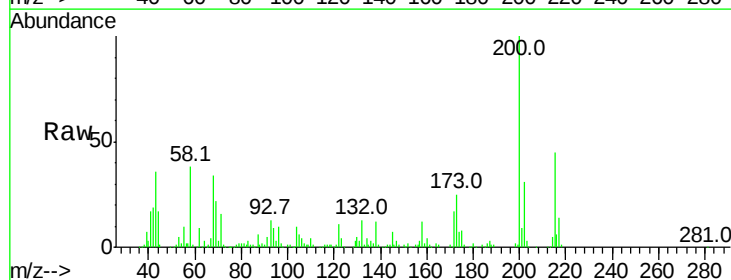
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#68
Atrazine
Concen: 51.614 ng
RT: 17.10 min Scan# 2349
Delta R.T. -0.00 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	305334		
173	25.2	4.8	44.8	
215	45.1	26.9	66.9	





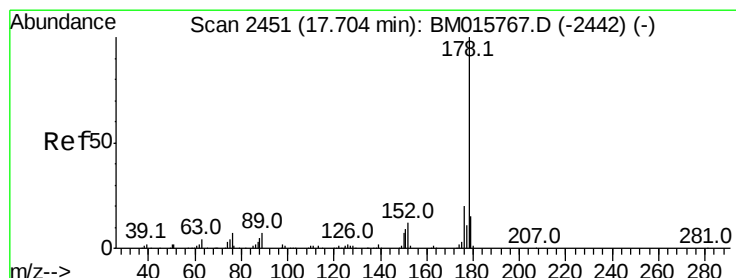
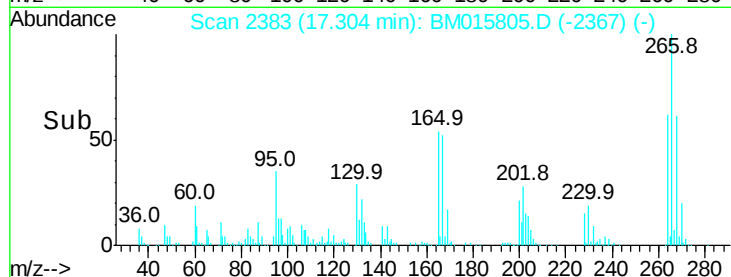
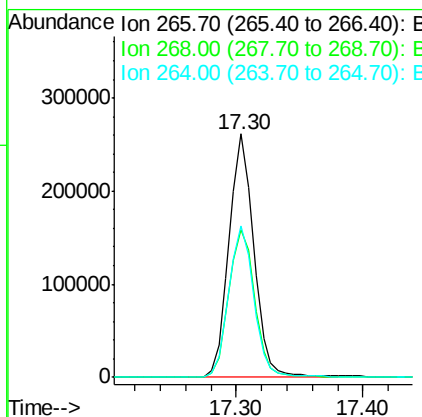
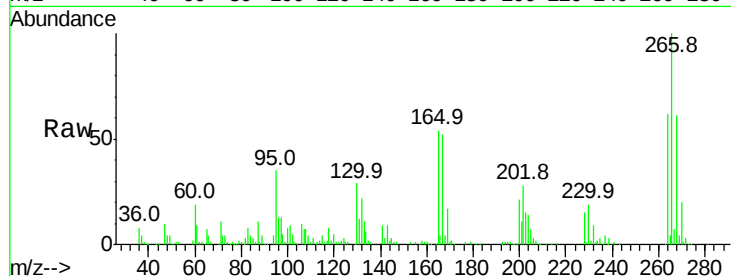
#69
 Pentachlorophenol
 Concen: 87.836 ng
 RT: 17.30 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	355922		
268	60.8	52.0	78.0	
264	62.0	49.0	73.4	

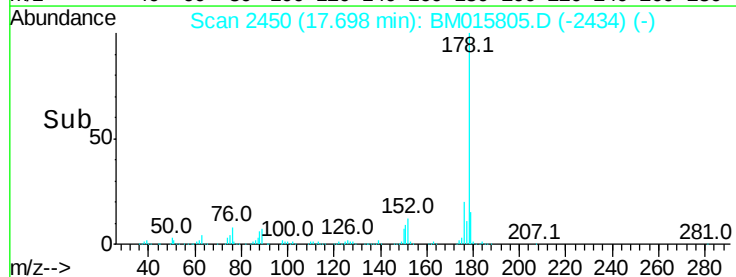
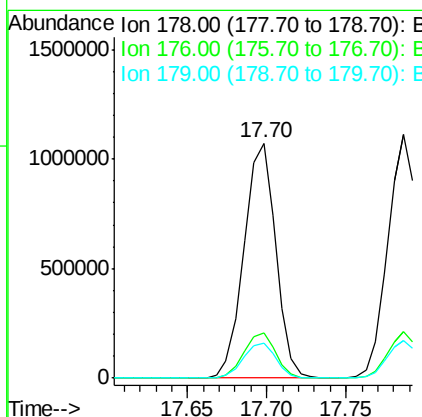
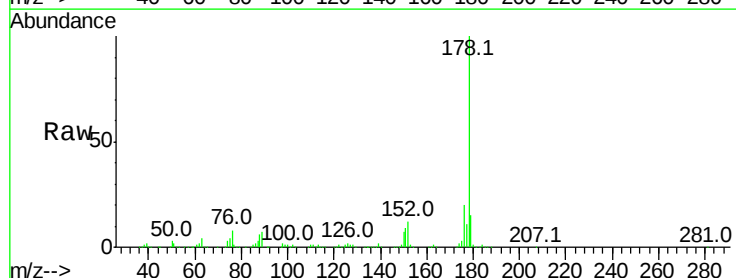
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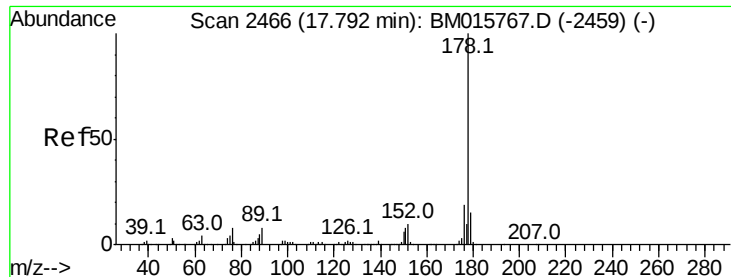
Sohil
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#70
 Phenanthrene
 Concen: 49.622 ng
 RT: 17.70 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1490069		
176	19.5	15.2	22.8	
179	15.1	12.1	18.1	





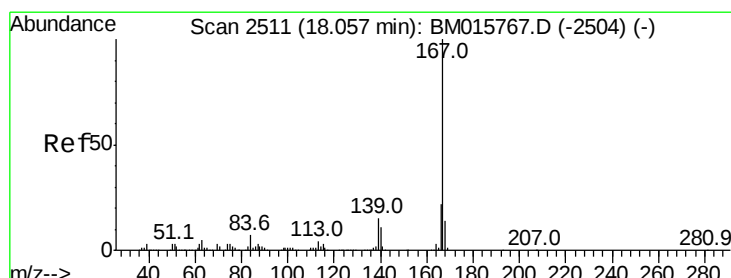
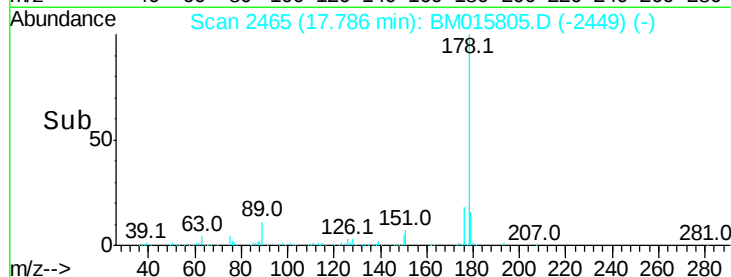
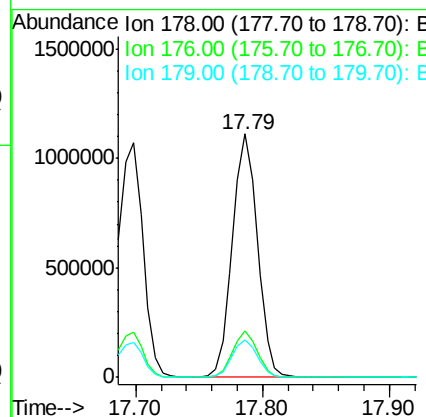
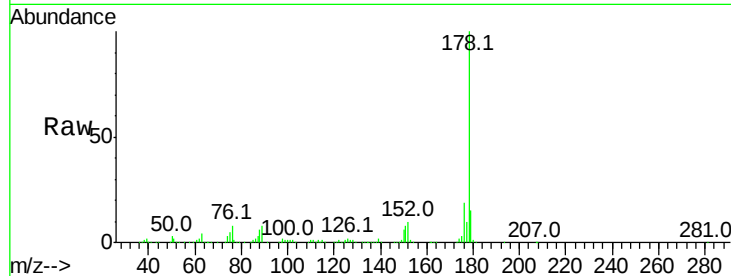
#71
 Anthracene
 Concen: 51.303 ng
 RT: 17.79 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.4	12.6	19.0

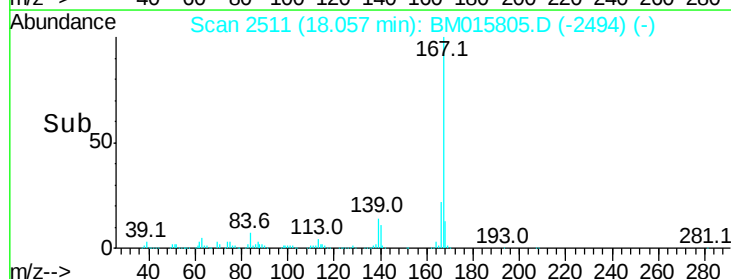
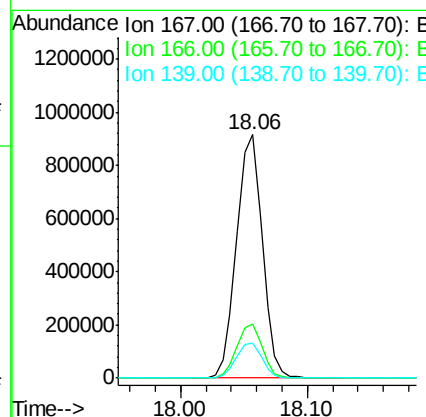
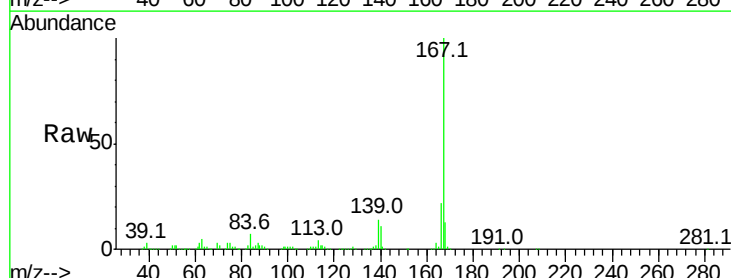
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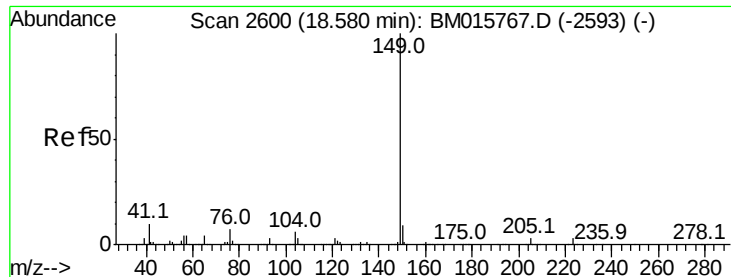
Sohil
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#72
 Carbazole
 Concen: 46.860 ng
 RT: 18.06 min Scan# 2511
 Delta R.T. -0.00 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	14.2	10.8	16.2





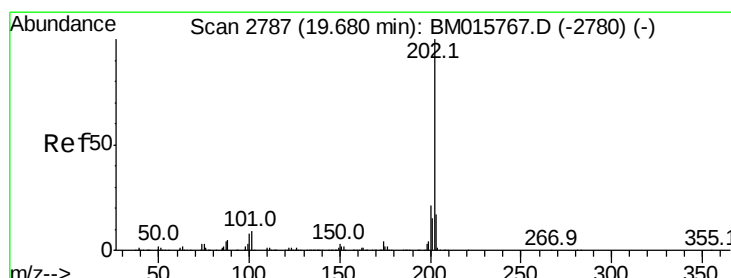
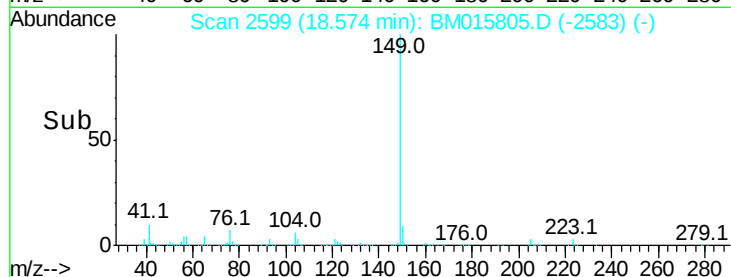
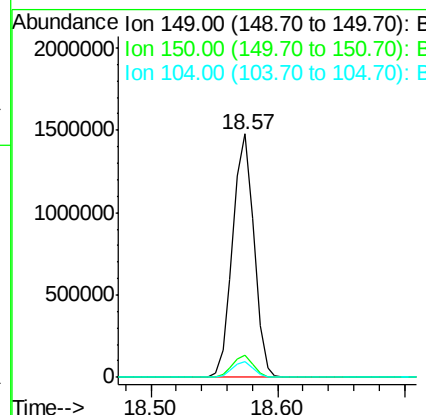
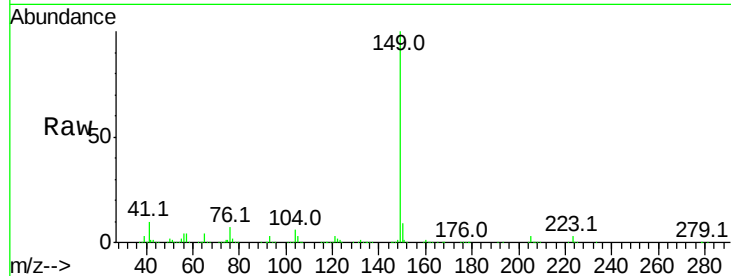
#73
Di-n-butylphthalate
Concen: 46.077 ng
RT: 18.57 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	6.4	3.7	5.5

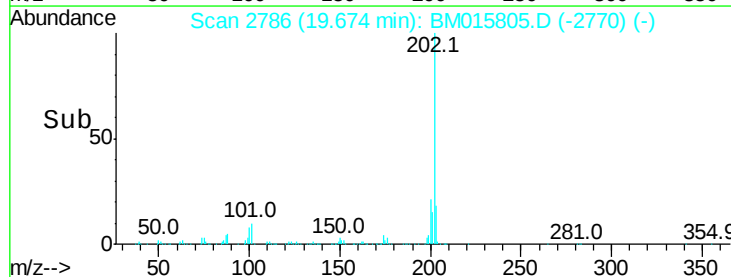
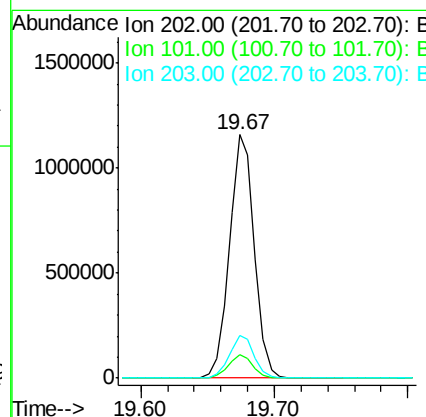
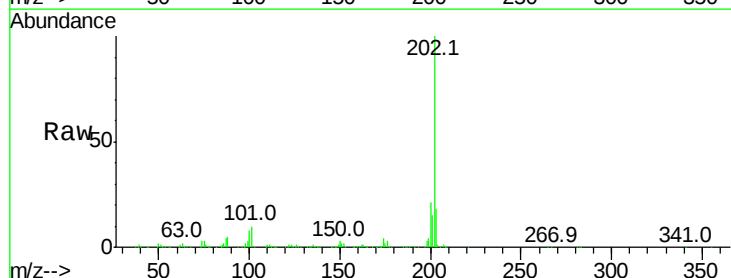
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#74
Fluoranthene
Concen: 43.783 ng
RT: 19.67 min Scan# 2786
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	28.7
203	17.7	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

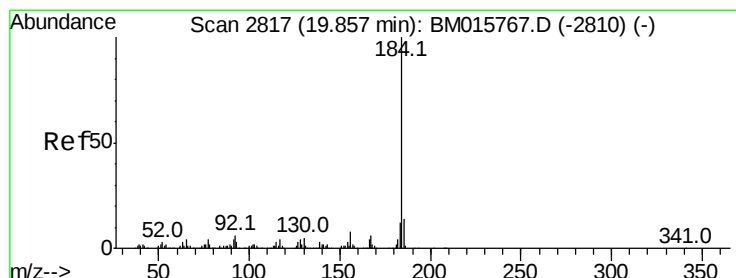
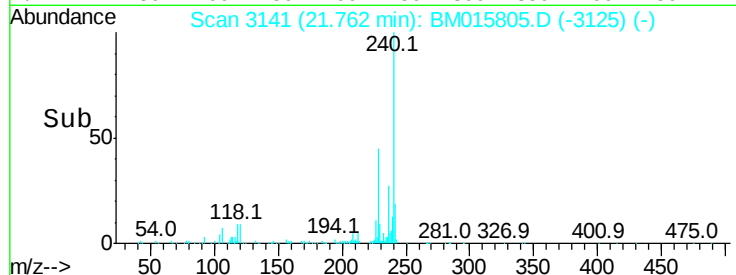
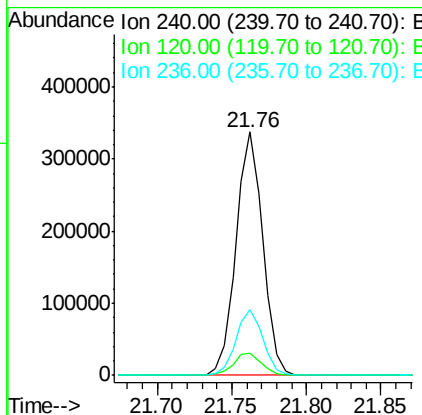
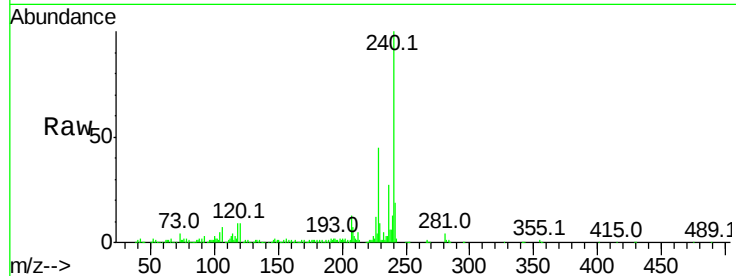
ClientSampleId :

PB110790BS

Tot Ion:	240	Resp:	422123
Ion Ratio	Lower	Upper	
240	100		
120	9.3	8.2	12.2
236	26.7	20.0	30.0

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#76

Benzidine

Concen: 41.717 ng

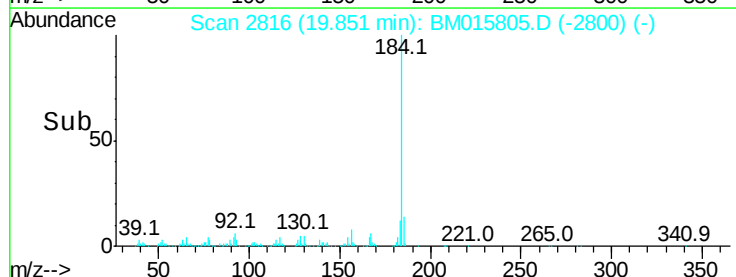
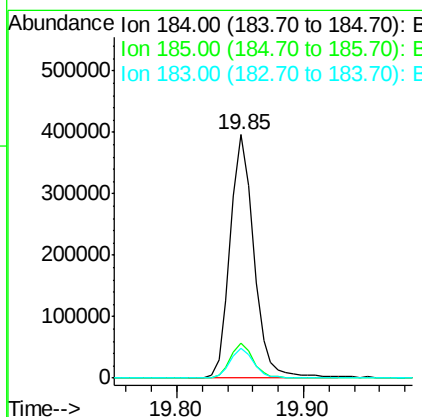
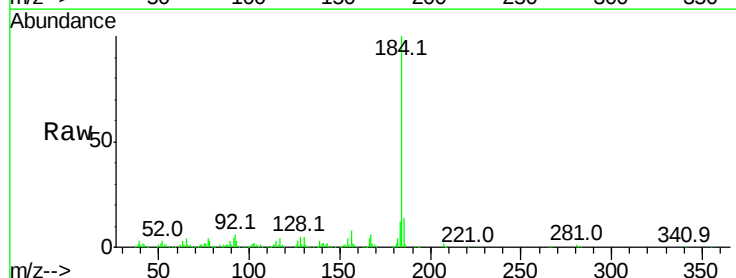
RT: 19.85 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Tgt Ion:	184	Resp:	515941
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.3	16.9
183	12.3	8.9	13.3





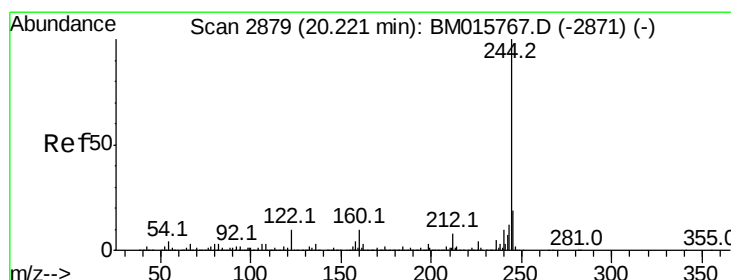
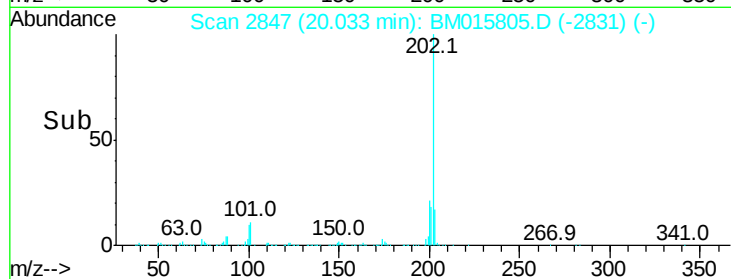
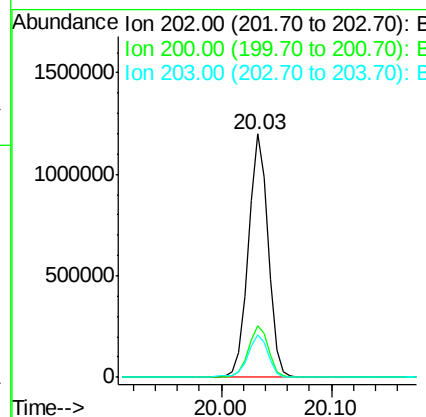
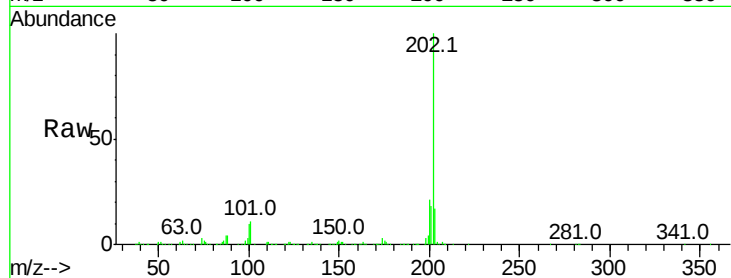
#77
Pvrene
Concen: 57.345 ng
RT: 20.03 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	17.4	14.1	21.1

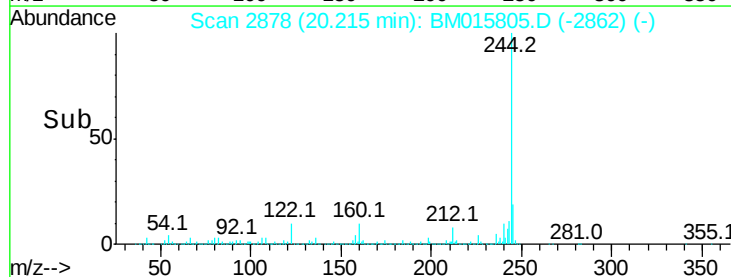
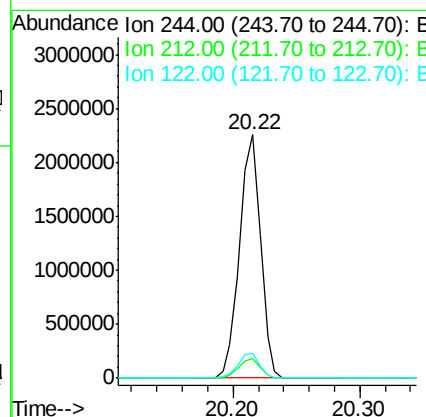
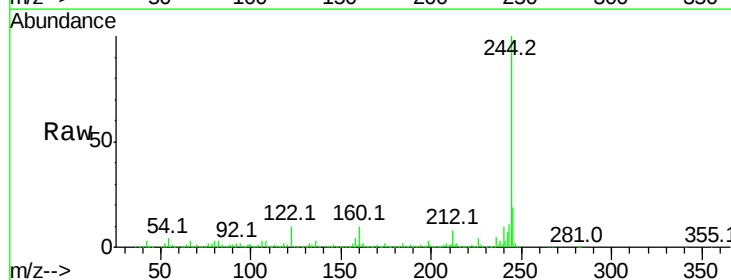
Manual Integrations
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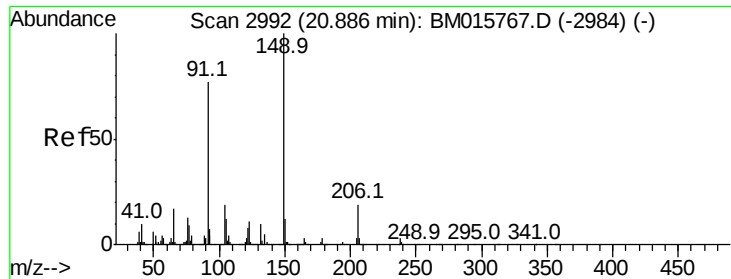
Sohil
7/9/2018 1:55:41 PM



#78
Terphenyl-d14
Concen: 57.345 ng
RT: 20.22 min Scan# 2878
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	9.9	6.2	9.4#





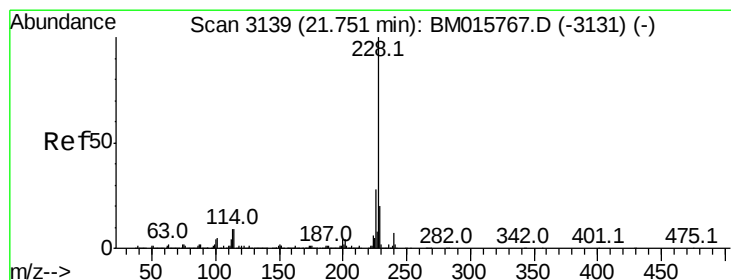
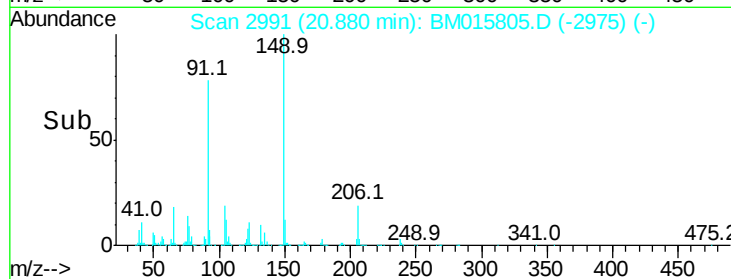
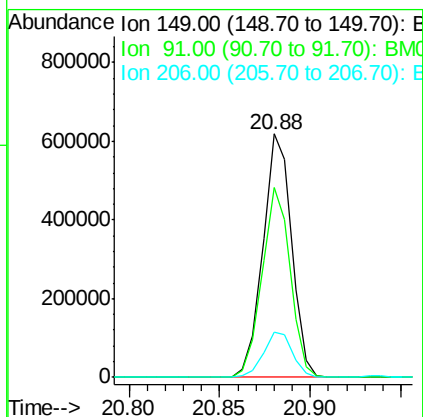
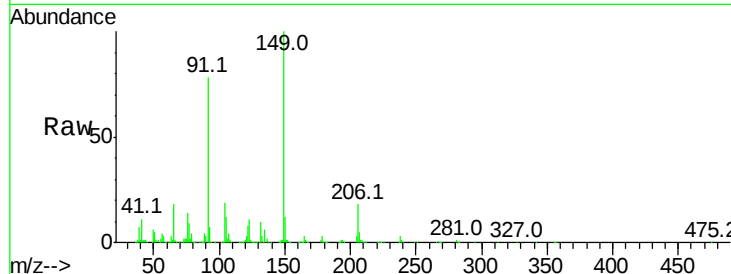
#79
Butylbenzylphthalate
Concen: 53.592 ng
RT: 20.88 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	78.1	50.1	75.1#
206	18.5	16.2	24.2

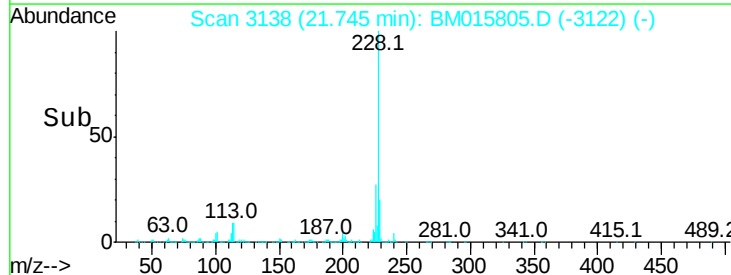
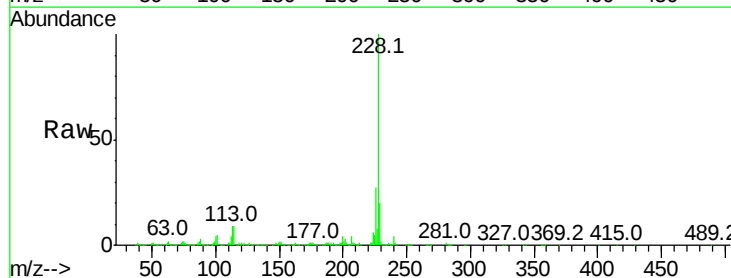
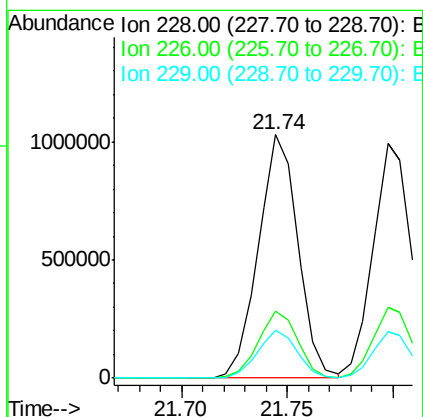
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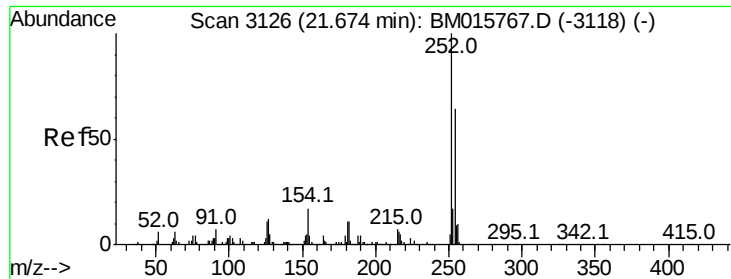
Sohil
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#80
Benzo(a)anthracene
Concen: 50.217 ng
RT: 21.74 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.7	32.5
229	19.7	16.0	24.0





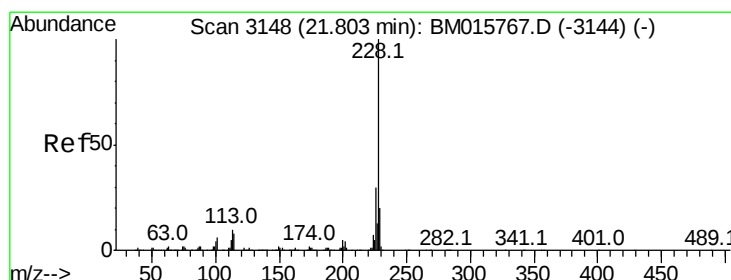
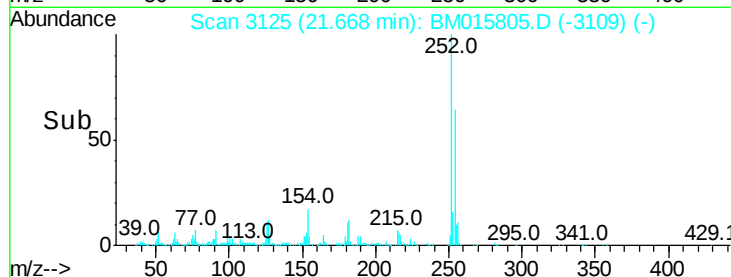
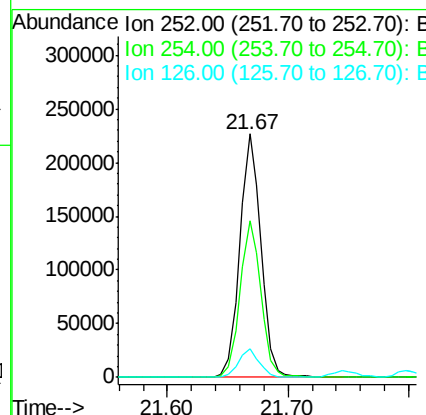
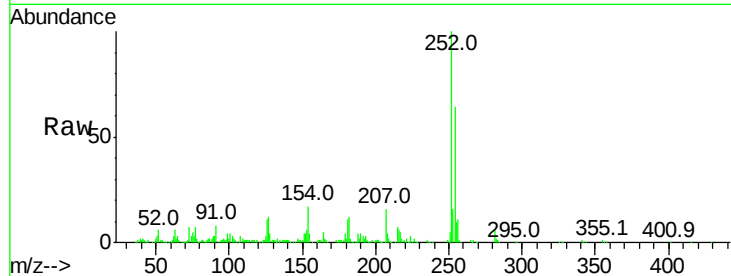
#81
 3,3'-Dichlorobenzidine
 Concen: 28.902 ng
 RT: 21.67 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	277921		
254	64.4	51.9	77.9	
126	11.5	9.8	14.8	

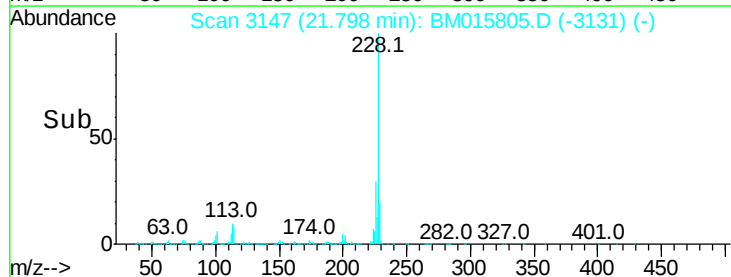
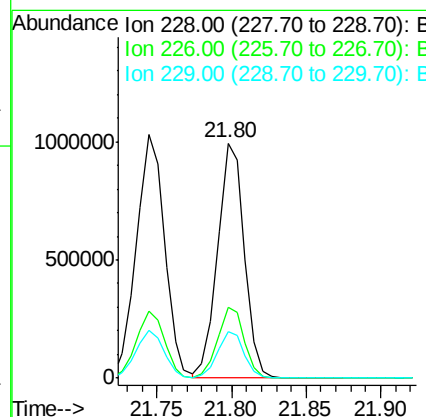
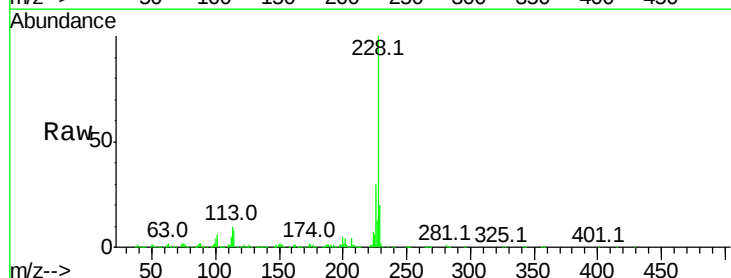
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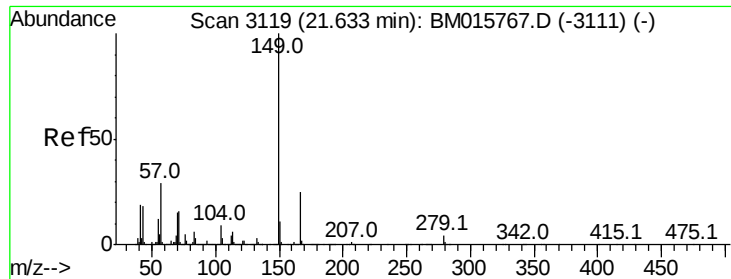
Sohil
 7/9/2018 1:55:41 PM



#82
 Chrysene
 Concen: 50.041 ng
 RT: 21.80 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1247605		
226	30.4	24.1	36.1	
229	19.7	15.5	23.3	





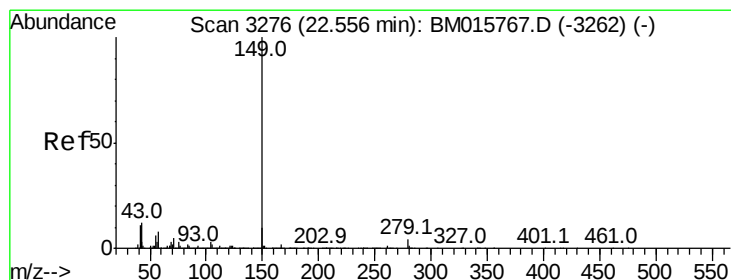
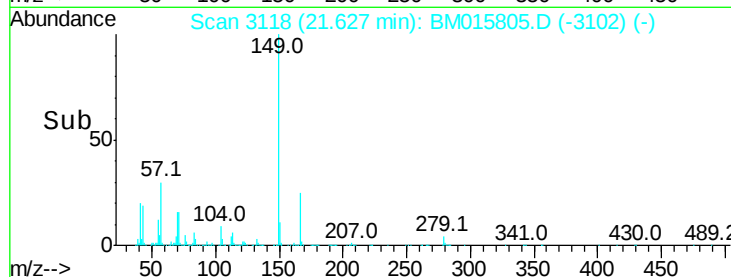
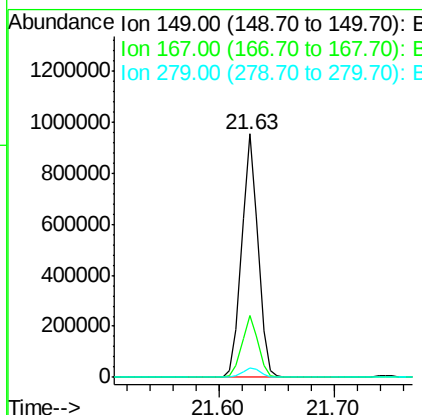
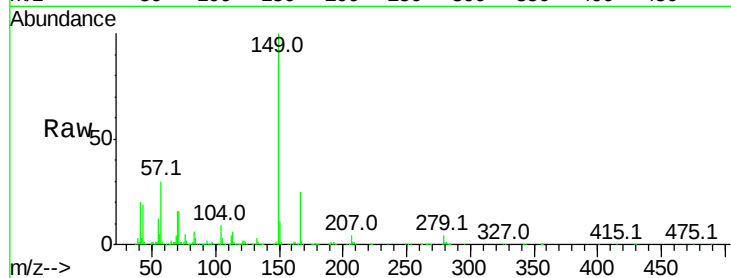
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.717 ng
 RT: 21.63 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.5	22.4	33.6
279	3.9	3.4	5.0

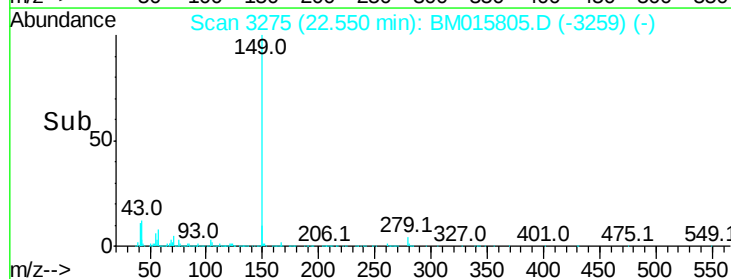
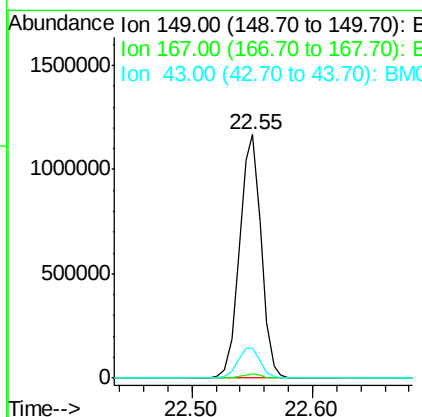
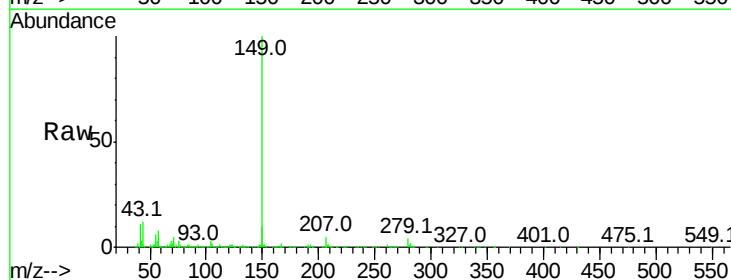
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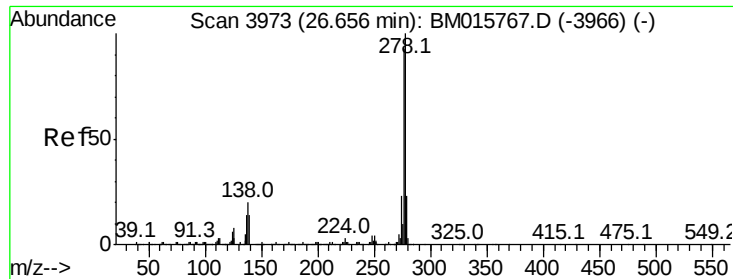
Sohil
 7/9/2018 1:55:41 PM



#84
 Di-n-octyl phthalate
 Concen: 47.314 ng
 RT: 22.55 min Scan# 3275
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	12.9	7.3	10.9#





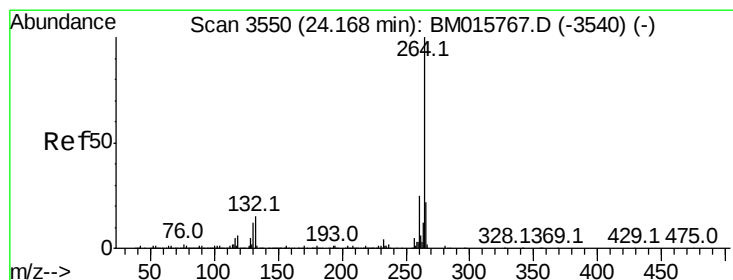
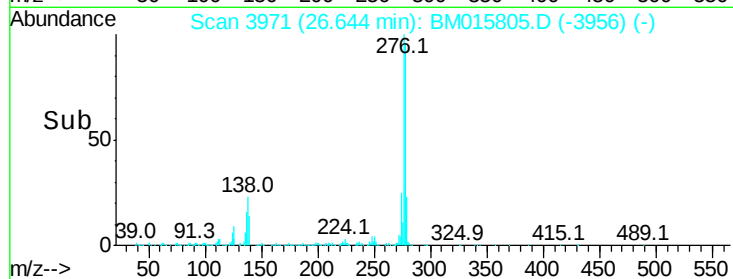
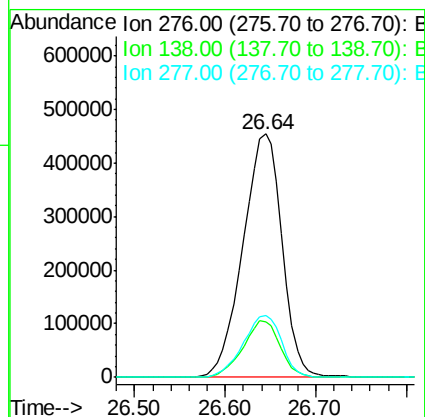
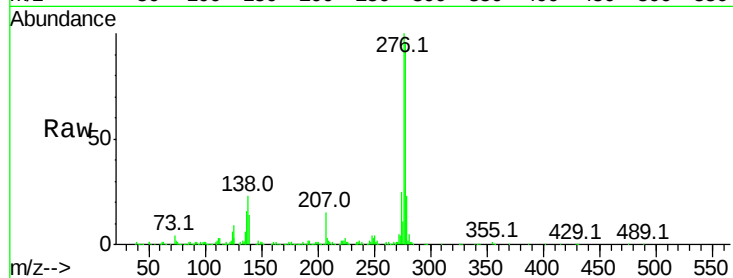
#85
Indeno(1,2,3-cd)pyrene
Concen: 58.709 ng
RT: 26.64 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.1	12.0	18.0#
277	25.3	20.0	30.0

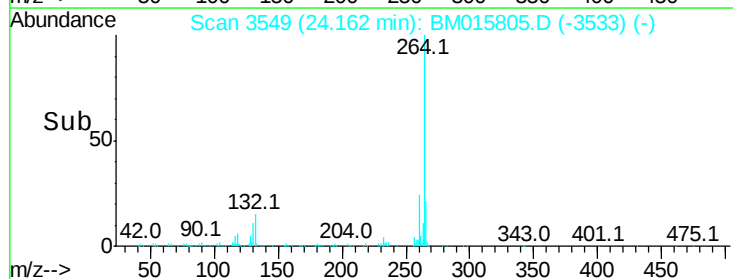
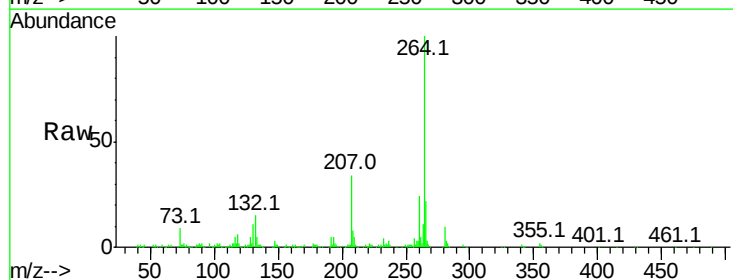
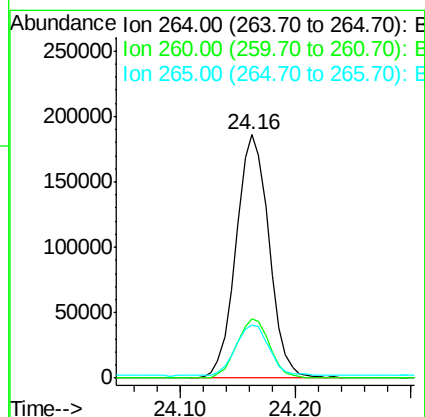
Manual Integrations
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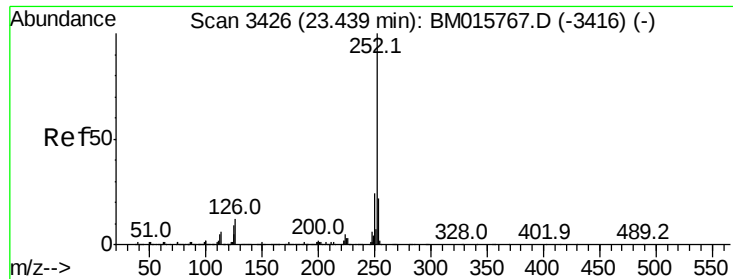
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.0	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 48.974 ng

RT: 23.43 min Scan# 3425

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

Instrument :

BNA_M

ClientSampleId :

PB110790BS

Tot Ion:252 Resp: 1204758

Ion Ratio Lower Upper

252 100

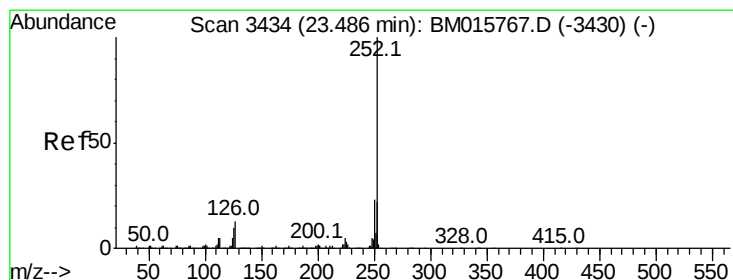
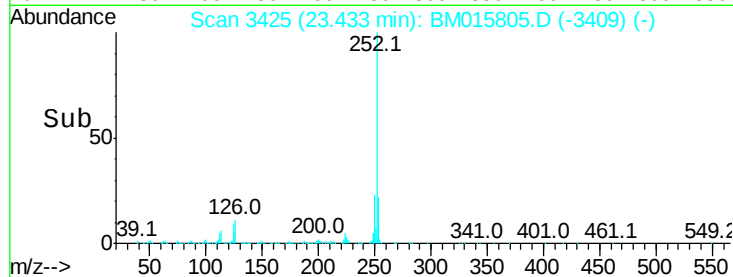
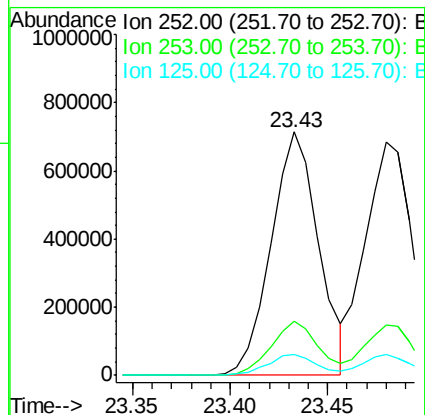
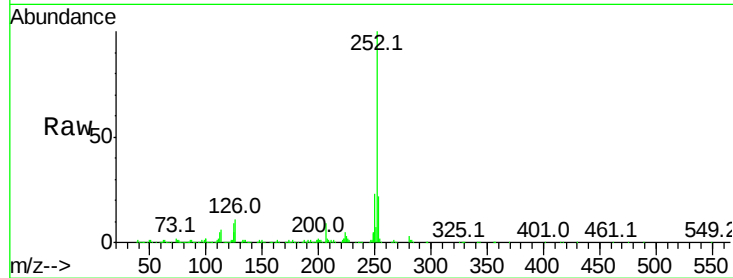
253 22.0 18.0 27.0

125 8.5 9.9 14.9#

Manual Integrations
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7/9/2018 1:55:41 PM



#88

Benzo(k)fluoranthene

Concen: 48.238 ng

RT: 23.48 min Scan# 3433

Delta R.T. -0.01 min

Lab File: BM015805.D

Acq: 06 Jul 2018 17:03

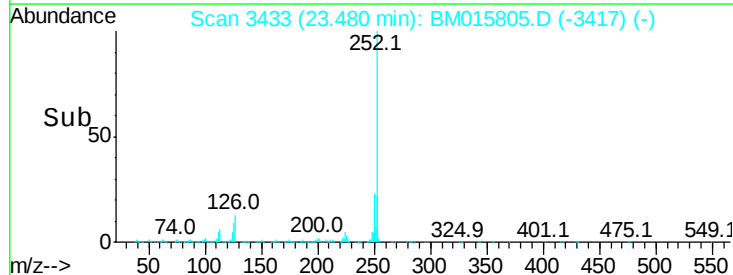
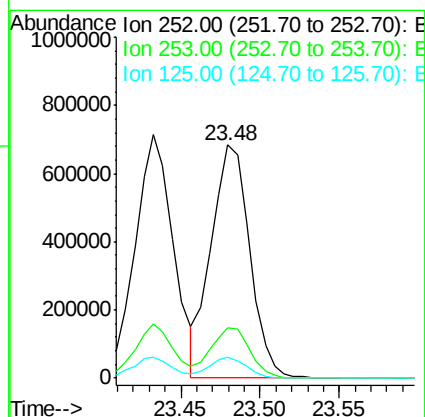
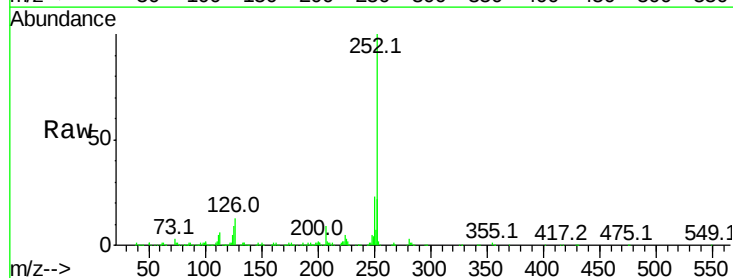
Tgt Ion:252 Resp: 1152711

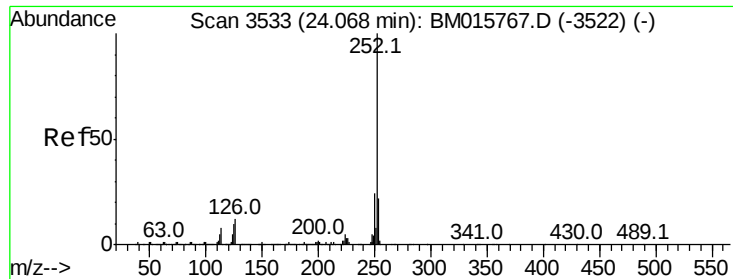
Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

125 8.9 8.1 12.1





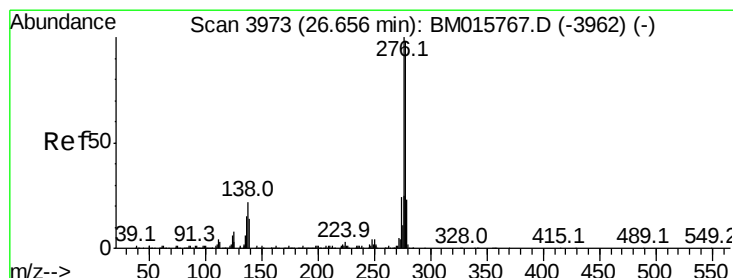
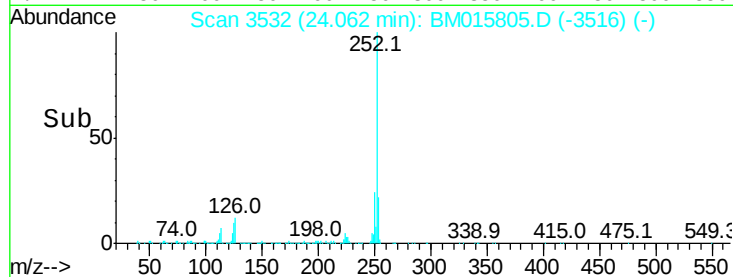
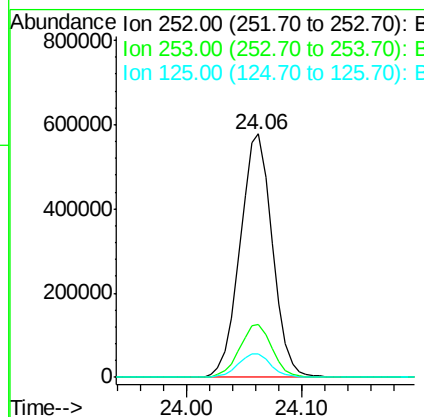
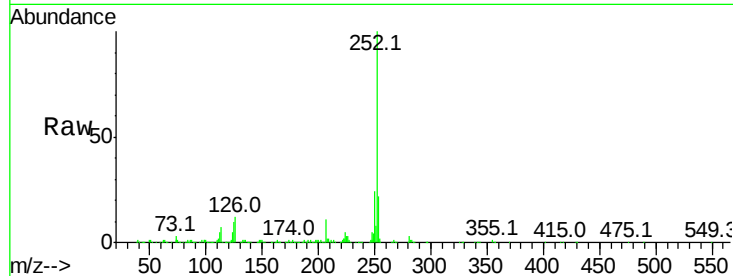
#89
Benzo(a)pyrene
Concen: 51.977 ng
RT: 24.06 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Instrument :
BNA_M
ClientSampleId :
PB110790BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.5	7.4	11.2

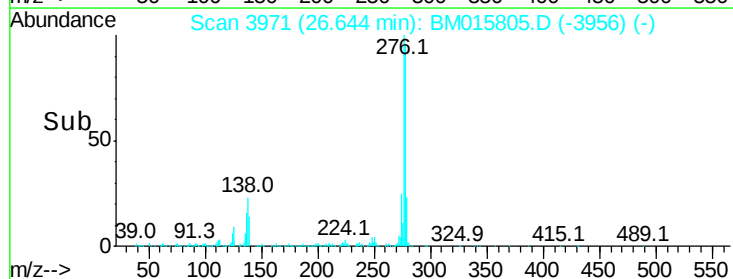
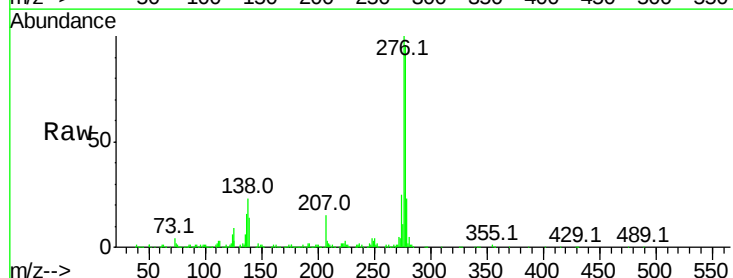
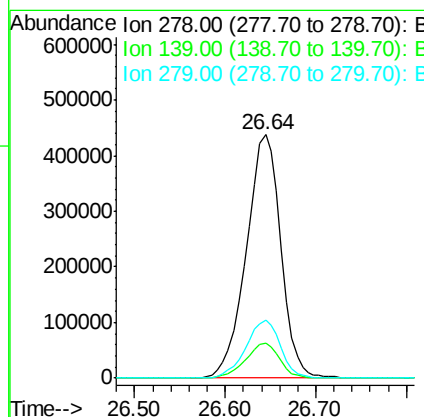
Manual Integrations
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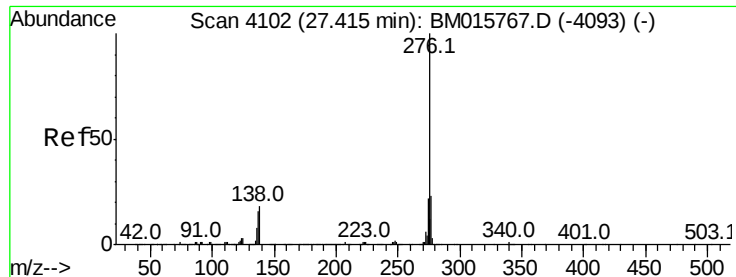
Sohil
7/9/2018 1:55:41 PM



#90
Dibenzo(a,h)anthracene
Concen: 59.360 ng
RT: 26.64 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM015805.D
Acq: 06 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	13.4	20.0
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 64.266 ng
 RT: 27.40 min Scan# 4100
 Delta R.T. -0.01 min
 Lab File: BM015805.D
 Acq: 06 Jul 2018 17:03

Instrument :
 BNA_M
 ClientSampleId :
 PB110790BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	18.6	19.0	28.6

Manual Integrations
 APPROVED

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 7/9/2018 1:55:41 PM

