

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111618\
 Data File : BM017685.D
 Acq On : 16 Nov 2018 17:55
 Operator : MJ/SJ
 Sample : PB114860BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Manual Integrations
 APPROVED

Sohil
 11/19/2018 3:07:37 PM

Quant Time: Nov 16 22:42:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 12 18:37:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	220145	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	959215	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	571614	20.00	ng	0.00
64) Phenanthrene-d10	17.01	188	1315635	20.00	ng	0.00
76) Chrysene-d12	21.22	240	1359748	20.00	ng	0.00
87) Perylene-d12	23.40	264	1175474	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1410764	108.15	ng	0.00
7) Phenol-d6	6.80	99	1895809	104.06	ng	0.00
23) Nitrobenzene-d5	8.77	82	1743619	93.84	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	852095	103.75	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	4323699	98.13	ng	0.00
79) Terphenyl-d14	19.66	244	5699414	95.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	174492	32.119	ng	96
3) Pyridine	3.60	79	544649	34.178	ng	95
4) n-Nitrosodimethylamine	3.53	42	294996	42.024	ng	97
6) Aniline	6.96	93	452114	20.012	ng	99
8) 2-Chlorophenol	7.18	128	711572	45.580	ng	98
9) Benzaldehyde	6.77	77	348589	26.266	ng	97
10) Phenol	6.83	94	890863	46.587	ng	98
11) bis(2-Chloroethyl)ether	7.05	93	606072	40.148	ng	100
12) 1,3-Dichlorobenzene	7.50	146	684554	39.084	ng	99
13) 1,4-Dichlorobenzene	7.65	146	711151	39.612	ng	100
14) 1,2-Dichlorobenzene	7.96	146	694841	39.915	ng	98
15) Benzyl Alcohol	7.86	79	639291	44.062	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	825868	35.932	ng	98
17) 2-Methylphenol	8.06	107	599696	46.552	ng	99
18) Hexachloroethane	8.67	117	255038	40.307	ng	97
19) n-Nitroso-di-n-propylamine	8.42	70	533699	40.798	ng	98
20) 3+4-Methylphenols	8.39	107	820116	45.820	ng	99
22) Acetophenone	8.43	105	1013446	42.332	ng	# 98
24) Nitrobenzene	8.81	77	792753	42.053	ng	99
25) Isophorone	9.33	82	1415340	49.319	ng	100
26) 2-Nitrophenol	9.51	139	382985	44.106	ng	97
27) 2,4-Dimethylphenol	9.58	122	666536	53.262	ng	100
28) bis(2-Chloroethoxy)methane	9.81	93	879205	45.235	ng	98
29) 2,4-Dichlorophenol	10.04	162	692775	47.689	ng	99
30) 1,2,4-Trichlorobenzene	10.25	180	697447	41.279	ng	97
31) Naphthalene	10.43	128	2116299	44.873	ng	100
32) Benzoic acid	9.75	122	474815m	41.885	ng	
33) 4-Chloroaniline	10.56	127	146408	7.089	ng	99
34) Hexachlorobutadiene	10.70	225	409953	39.084	ng	98
35) Caprolactam	11.36	113	223883m	41.849	ng	
36) 4-Chloro-3-methylphenol	11.69	107	790703	47.144	ng	98
37) 2-Methylnaphthalene	12.05	142	1607796	48.235	ng	99
38) 1-Methylnaphthalene	12.27	142	1526449	46.705	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	824231	40.891	ng	98

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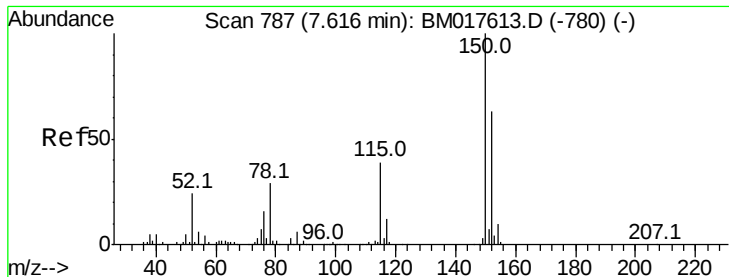
Manual Integrations
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 11/19/2018 3:07:37 PM

Quant Time: Nov 16 22:42:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	1053834	101.178	nq	99
43) 2,4,6-Trichlorophenol	12.67	196	585792	46.398	nq	98
44) 2,4,5-Trichlorophenol	12.75	196	632059	47.413	nq	98
46) 1,1'-Biphenyl	13.08	154	2088455	40.704	nq	100
47) 2-Chloronaphthalene	13.12	162	1635845	42.954	nq	98
48) 2-Nitroaniline	13.35	65	521823	44.306	nq	97
49) Acenaphthylene	13.97	152	2718163	47.505	nq	100
50) Dimethylphthalate	13.73	163	2095349	45.086	nq	99
51) 2,6-Dinitrotoluene	13.85	165	476579	46.052	nq	98
52) Acenaphthene	14.32	154	1560009	44.425	nq	100
53) 3-Nitroaniline	14.18	138	189871	16.852	nq	98
54) 2,4-Dinitrophenol	14.39	184	532915	83.961	nq	99
55) Dibenzofuran	14.66	168	2543515	44.323	nq	99
56) 4-Nitrophenol	14.50	139	803621	84.553	nq	99
57) 2,4-Dinitrotoluene	14.65	165	682842	48.950	nq	99
58) Fluorene	15.31	166	2106165	47.941	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.89	232	597529	48.732	nq	99
60) Diethylphthalate	15.10	149	2171119	43.237	nq	99
61) 4-Chlorophenyl-phenylether	15.31	204	1073429	43.006	nq	100
62) 4-Nitroaniline	15.36	138	458200	43.151	nq	97
63) Azobenzene	15.60	77	2089349	45.010	nq	98
65) 4,6-Dinitro-2-methylphenol	15.41	198	370535	40.655	nq	98
66) n-Nitrosodiphenylamine	15.53	169	1856137	43.881	nq	99
67) 4-Bromophenyl-phenylether	16.21	248	667884	42.923	nq	98
68) Hexachlorobenzene	16.31	284	747634	42.622	nq	99
69) Atrazine	16.50	200	685315	44.050	nq	97
70) Pentachlorophenol	16.66	266	939873	76.471	nq	100
71) Phenanthrene	17.05	178	3350544	46.933	nq	100
72) Anthracene	17.15	178	3426341	49.323	nq	99
73) Carbazole	17.42	167	3086495	43.969	nq	100
74) Di-n-butylphthalate	17.99	149	3715717	47.550	nq	99
75) Fluoranthene	19.07	202	3902382	48.312	nq	99
77) Benzidine	19.28	184	1122095	25.342	nq	99
78) Pyrene	19.44	202	3974764	47.376	nq	99
80) Butylbenzylphthalate	20.36	149	1677891	49.240	nq	99
81) Benzo(a)anthracene	21.20	228	3753437	47.914	nq	99
82) 3,3'-Dichlorobenzidine	21.14	252	678772	22.451	nq	100
83) Chrysene	21.25	228	3526708	46.351	nq	100
84) Bis(2-ethylhexyl)phthalate	21.14	149	2353519	46.720	nq	99
85) Di-n-octyl phthalate	22.00	149	3984149	49.392	nq	99
86) Indeno(1,2,3-cd)pyrene	25.59	276	3137296	51.599	nq	99
88) Benzo(b)fluoranthene	22.75	252	3482803	50.593	nq	100
89) Benzo(k)fluoranthene	22.79	252	3219678	46.274	nq	99
90) Benzo(a)pyrene	23.31	252	3109675	49.543	nq	99
91) Dibenzo(a,h)anthracene	25.60	278	2668690	50.573	nq	99
92) Benzo(g,h,i)perylene	26.26	276	2537172	51.129	nq	100

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



#1

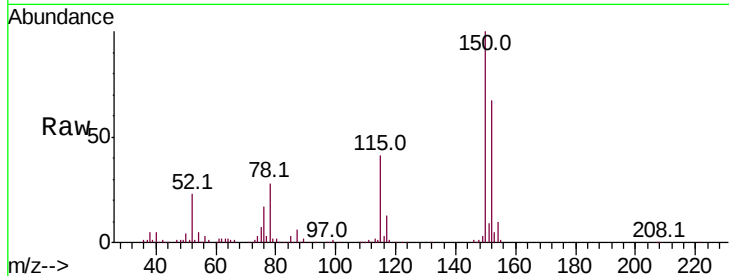
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.61 min Scan# 786
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

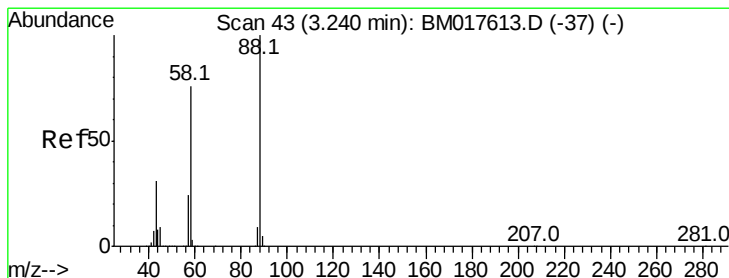
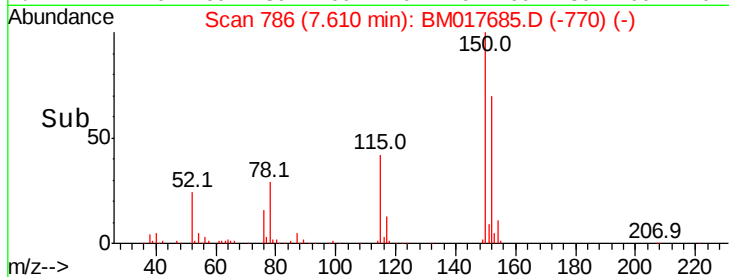
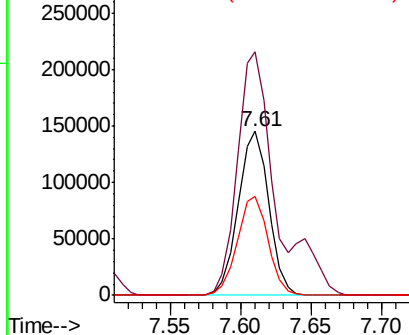
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	126.4	189.6
115	60.2	49.4	74.0

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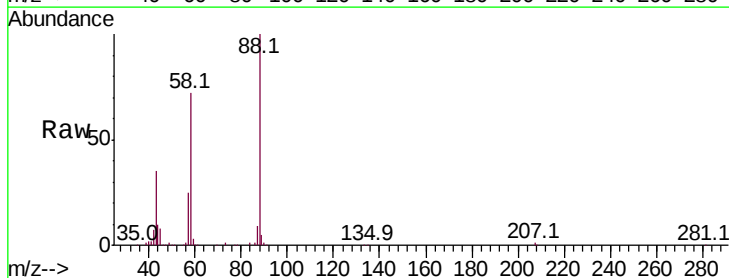
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



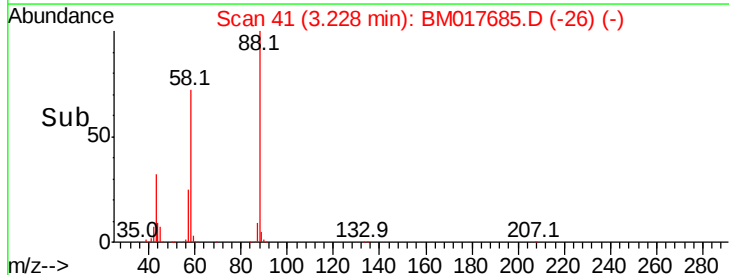
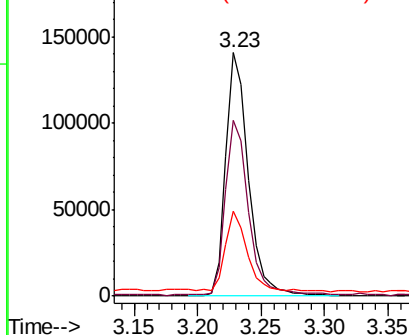
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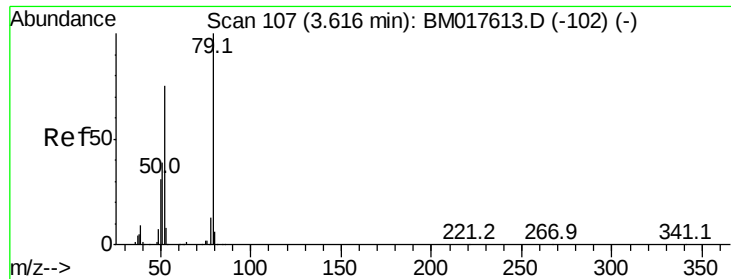
1,4-Dioxane
Concen: 32.119 ng
RT: 3.23 min Scan# 41
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.4	62.0	93.0
43	31.6	26.8	40.2



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





#3

Pvridine

Concen: 34.178 ng

RT: 3.60 min Scan# 105

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

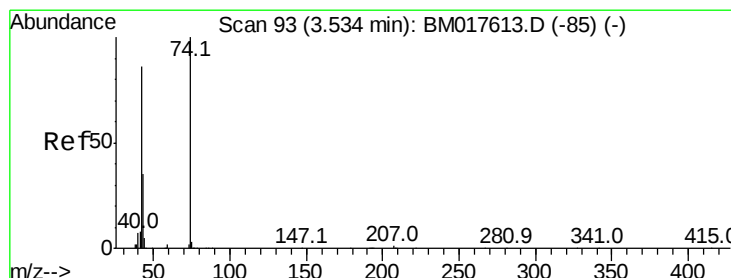
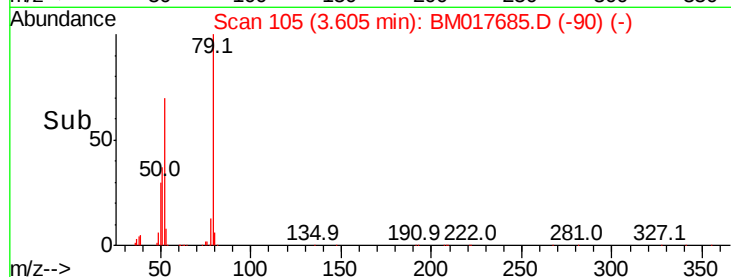
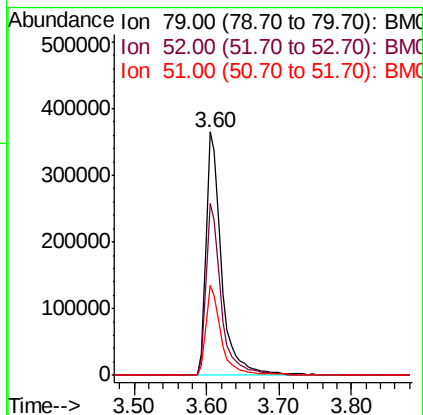
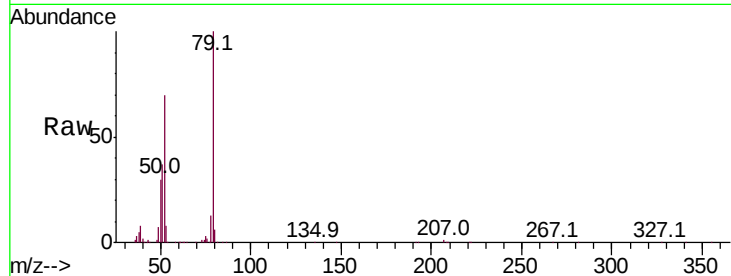
ClientSampleId :

PB114860BSD

Tot Ion:	79	Resp:	544649
Ion Ratio	Lower	Upper	
79	100		
52	70.5	60.1	90.1
51	36.9	31.1	46.7

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#4

n-Nitrosodimethylamine

Concen: 42.024 ng

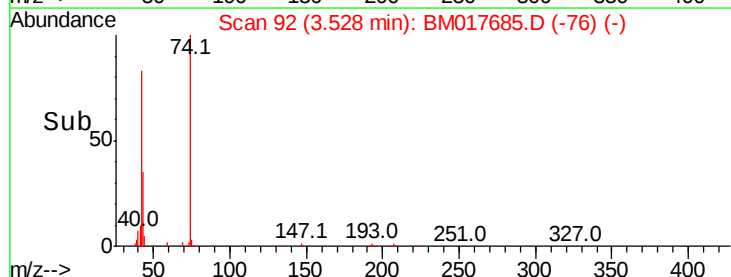
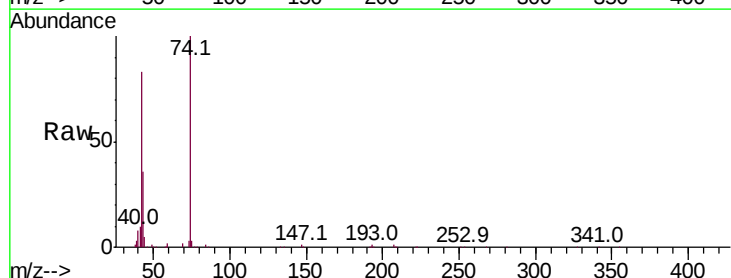
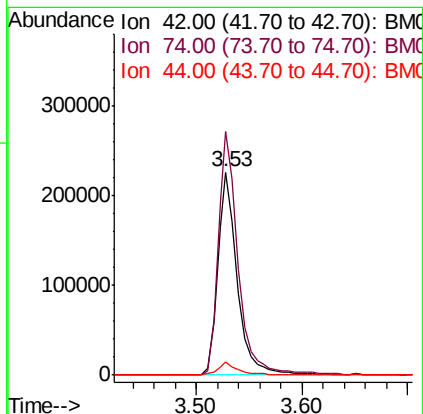
RT: 3.53 min Scan# 92

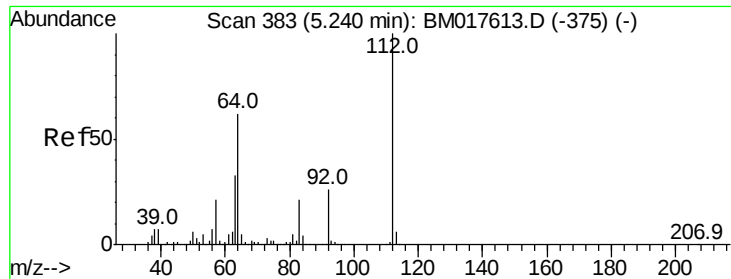
Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Tgt Ion:	42	Resp:	294996
Ion Ratio	Lower	Upper	
42	100		
74	120.2	93.1	139.7
44	6.4	5.0	7.6





#5

2-Fluorophenol

Concen: 108.150 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.00 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

ClientSampleId :

PB114860BSD

Tot Ion:112 Resp: 1410764

Ion Ratio Lower Upper

112 100

64 60.4 49.3 73.9

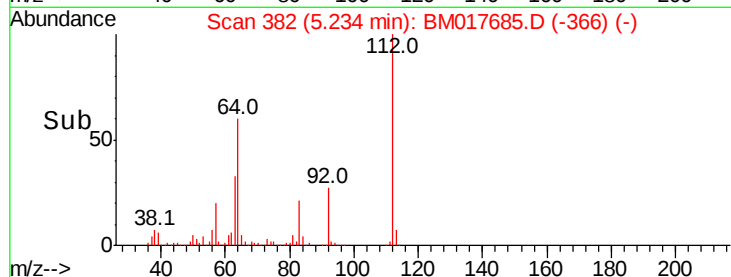
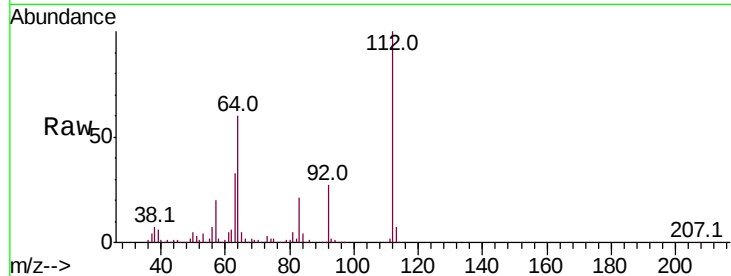
63 33.5 26.2 39.4

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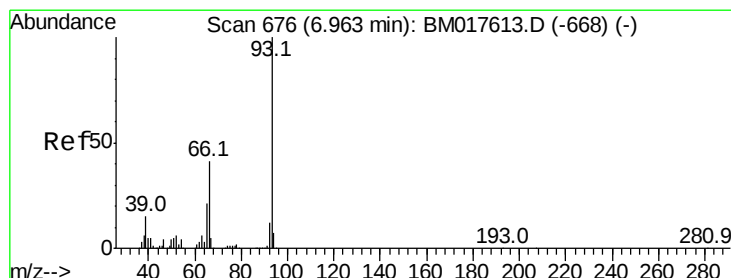
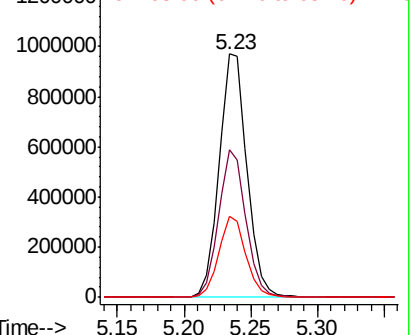
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Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 20.012 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

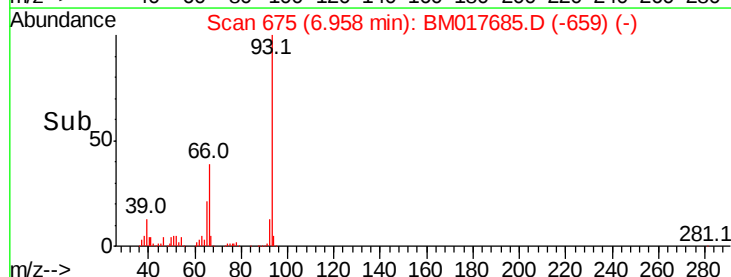
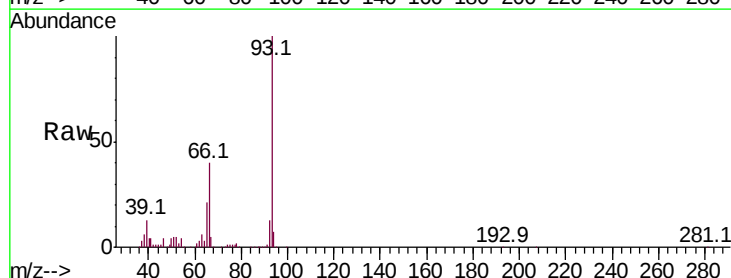
Tgt Ion: 93 Resp: 452114

Ion Ratio Lower Upper

93 100

66 39.9 32.8 49.2

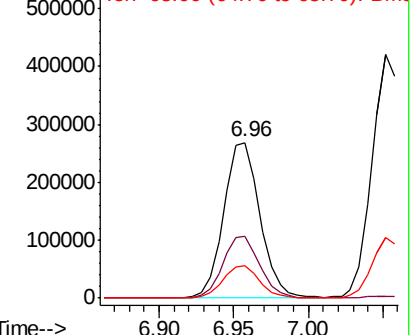
65 21.1 16.6 25.0

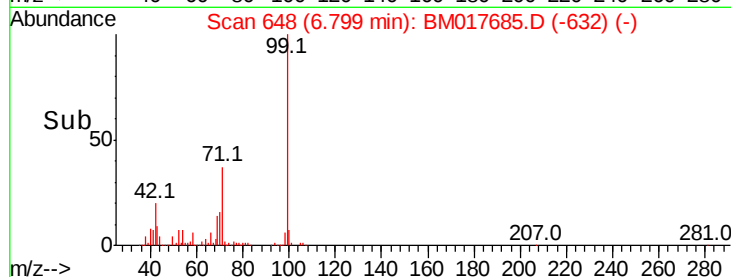
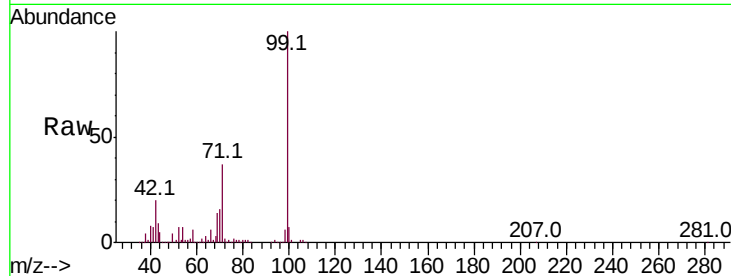
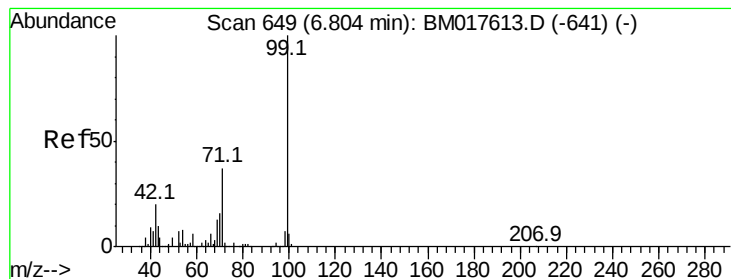


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 104.059 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Tot Ion: 99 Resp: 1895809

Ion Ratio Lower Upper

99 100

42 19.6 16.3 24.5

71 37.1 29.8 44.8

Instrument :

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ClientSampleId :

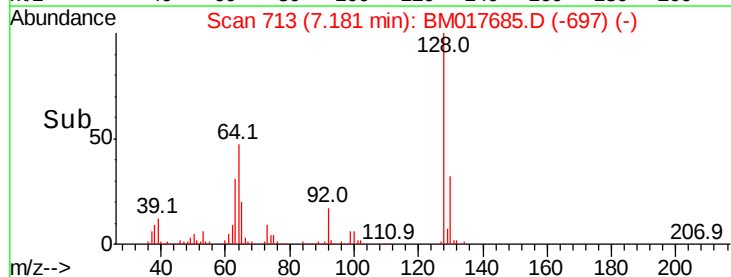
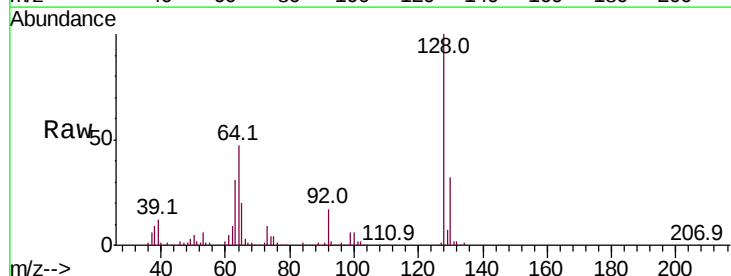
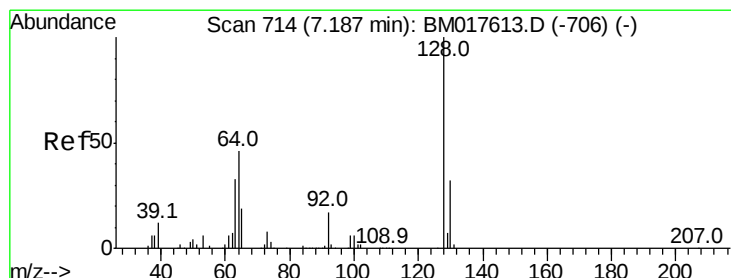
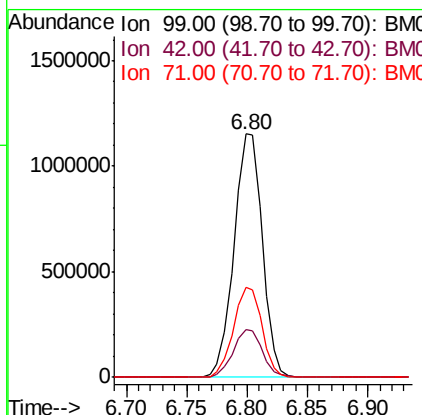
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#8

2-Chlorophenol

Concen: 45.580 ng

RT: 7.18 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

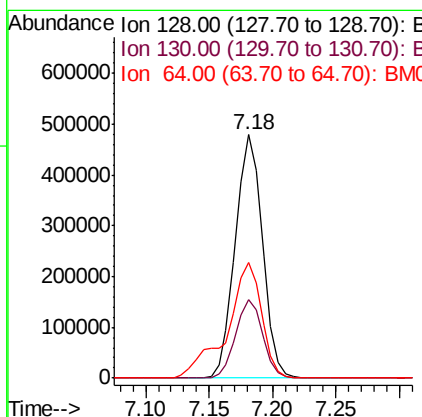
Tgt Ion:128 Resp: 711572

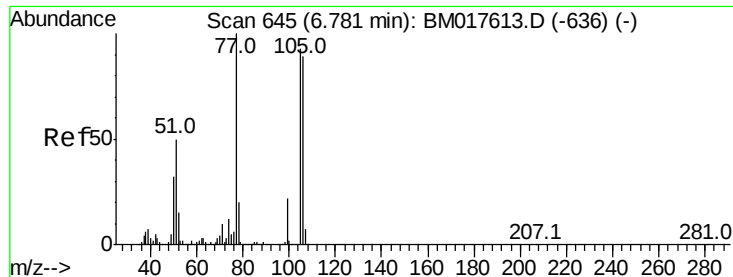
Ion Ratio Lower Upper

128 100

130 32.3 12.4 52.4

64 47.4 30.0 70.0





#9

Benzaldehyde

Concen: 26.266 ng

RT: 6.77 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

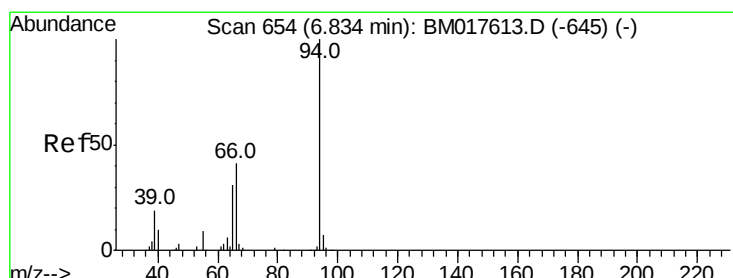
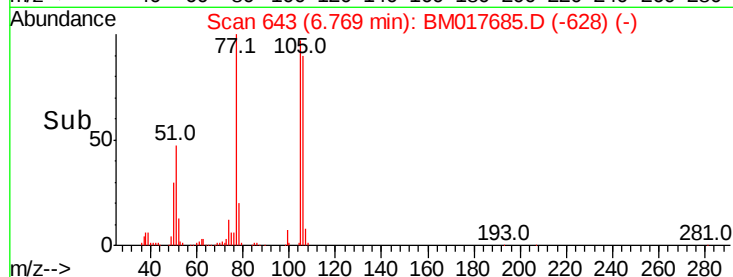
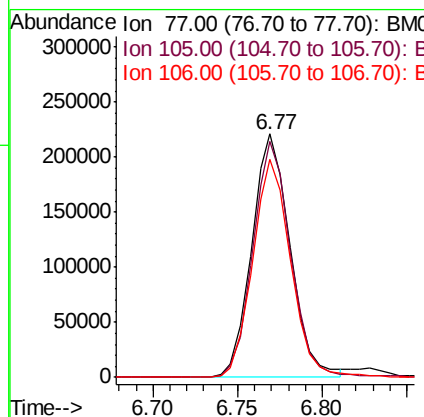
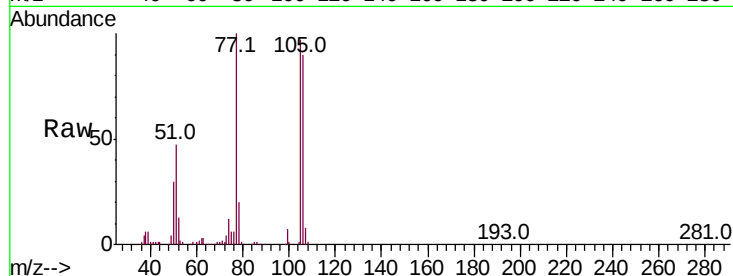
ClientSampleId :

PB114860BSD

Tot Ion:	77	Resp:	348589
Ion	Ratio	Lower	Upper
77	100		
105	97.1	72.7	112.7
106	89.7	68.9	108.9

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#10

Phenol

Concen: 46.587 ng

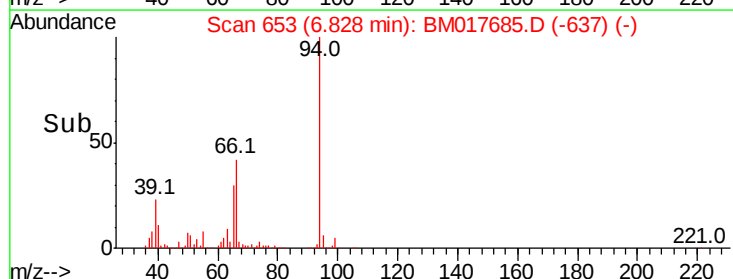
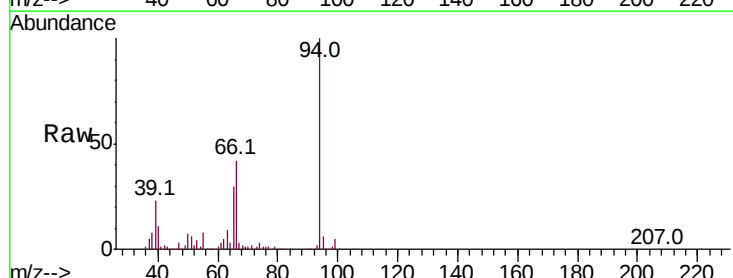
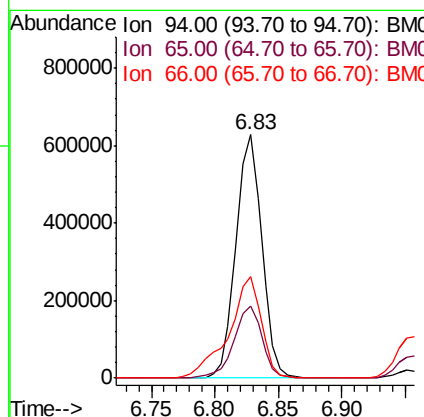
RT: 6.83 min Scan# 653

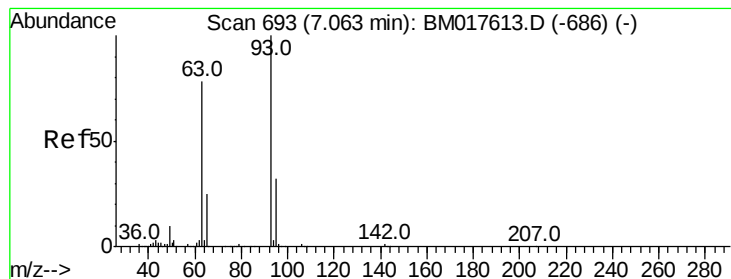
Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Tgt Ion:	94	Resp:	890863
Ion	Ratio	Lower	Upper
94	100		
65	29.6	11.4	51.4
66	41.8	21.4	61.4





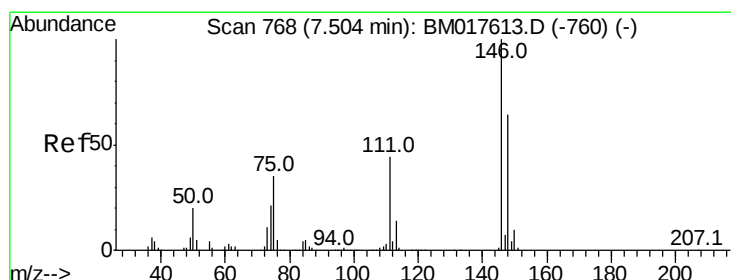
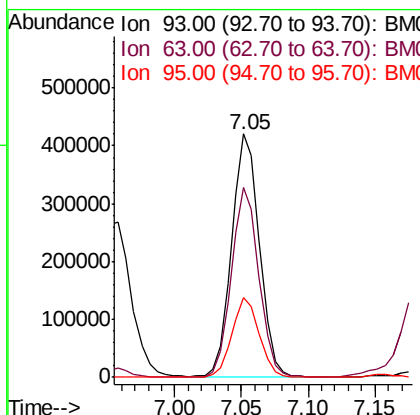
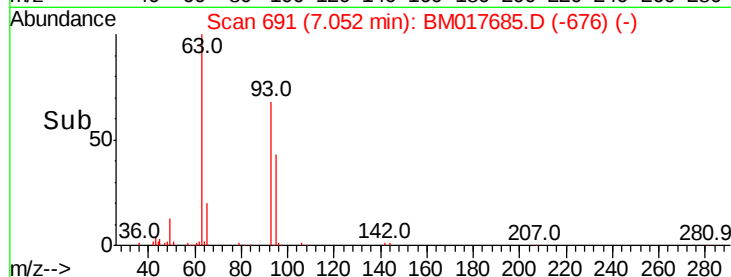
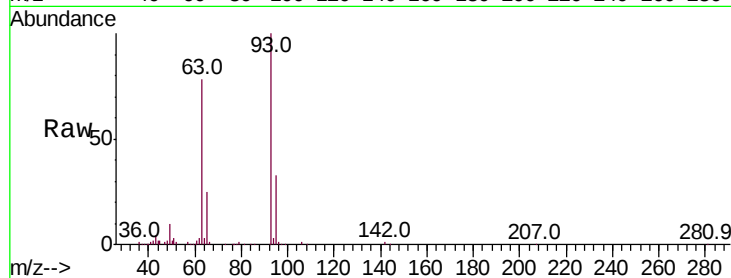
#11
bis(2-Chloroethyl)ether
Concen: 40.148 ng
RT: 7.05 min Scan# 691
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	77.8	57.9	97.9
95	32.6	12.3	52.3

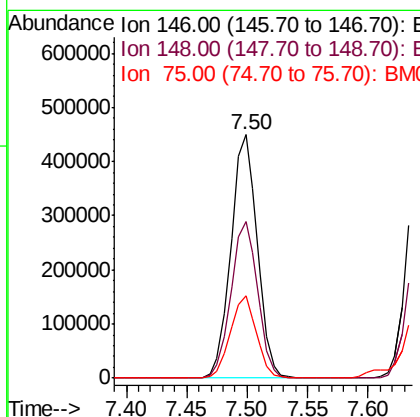
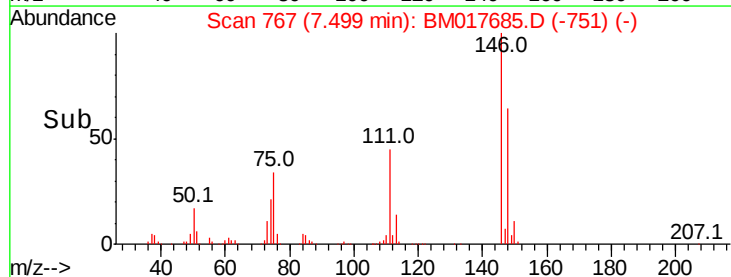
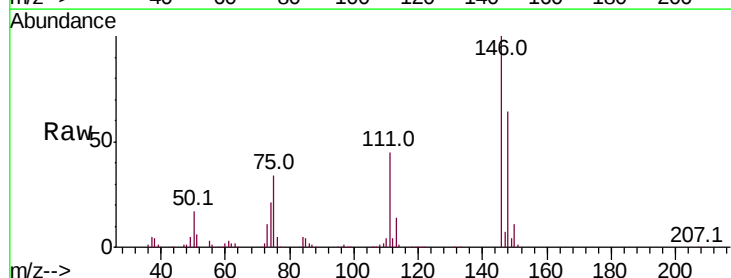
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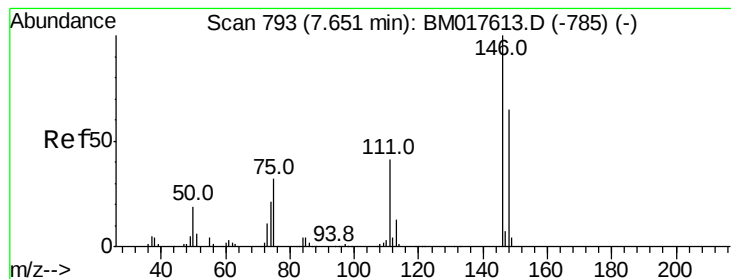
Sohil
11/19/2018 3:07:37 PM



#12
1,3-Dichlorobenzene
Concen: 39.084 ng
RT: 7.50 min Scan# 767
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.2	76.8
75	33.7	28.2	42.2





#13

1,4-Dichlorobenzene

Concen: 39.612 ng

RT: 7.65 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

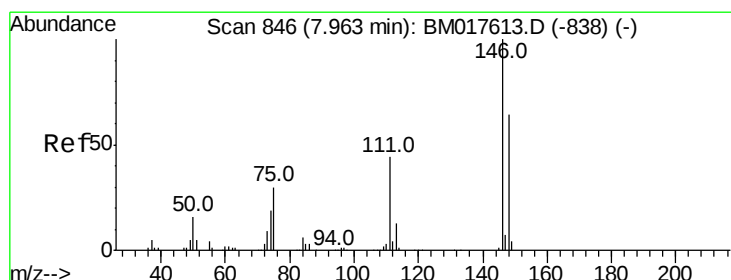
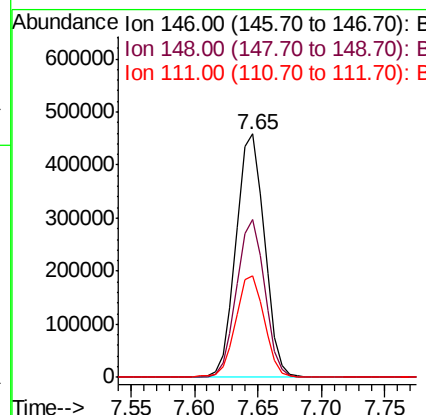
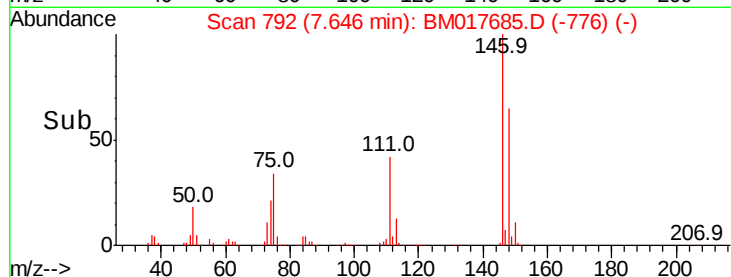
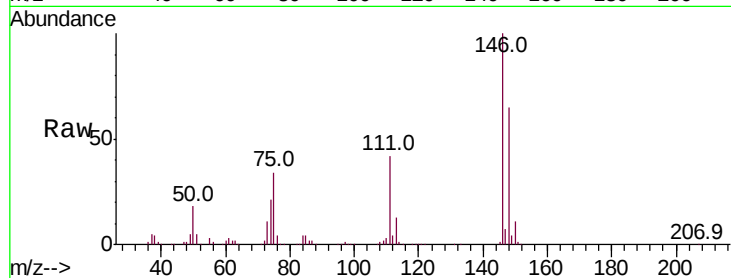
ClientSampleId :

PB114860BSD

Tot Ion:	146	Resp:	711151
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.0	78.0
111	41.7	33.2	49.8

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#14

1,2-Dichlorobenzene

Concen: 39.915 ng

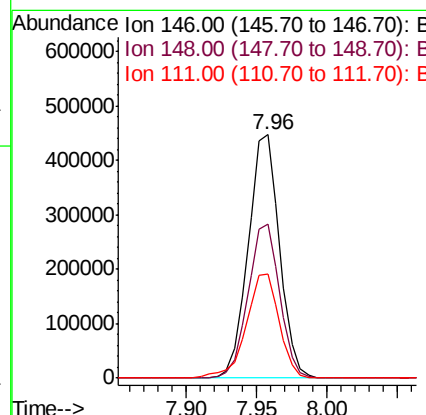
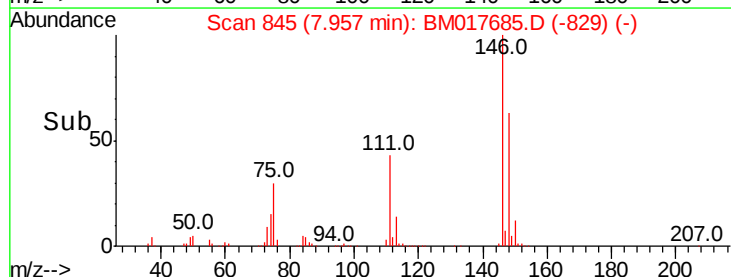
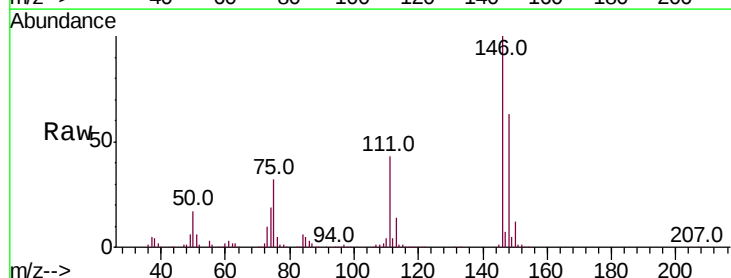
RT: 7.96 min Scan# 845

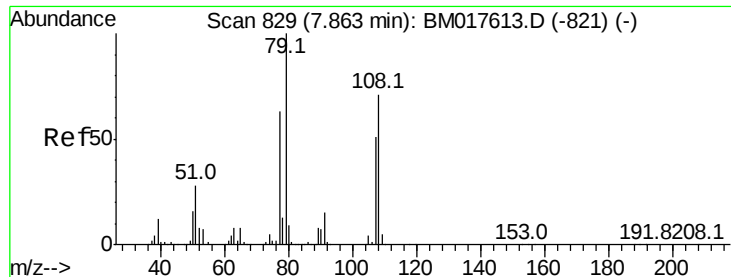
Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Tgt Ion:	146	Resp:	694841
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.6	77.4
111	43.0	35.8	53.8





#15

Benzyl Alcohol

Concen: 44.062 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

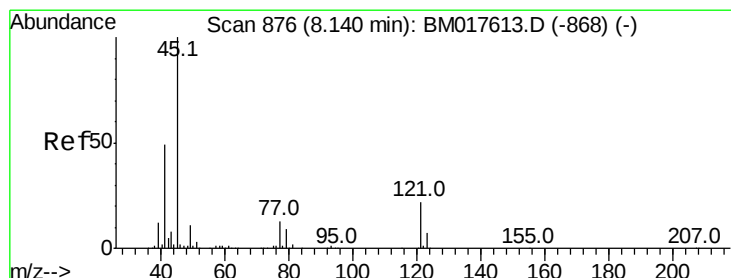
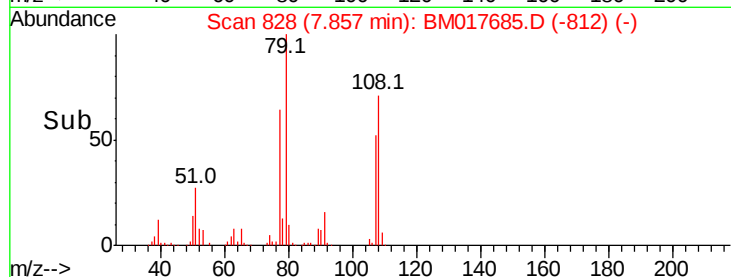
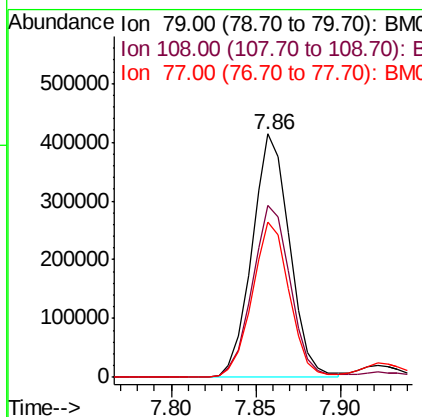
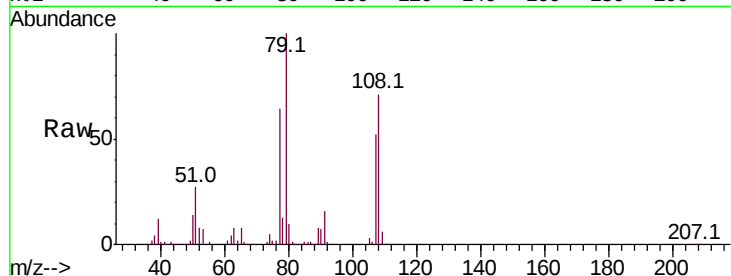
ClientSampleId :

PB114860BSD

Tot Ion:	79	Resp:	639291
Ion Ratio	Lower	Upper	
79	100		
108	70.8	57.1	85.7
77	63.6	50.4	75.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.932 ng

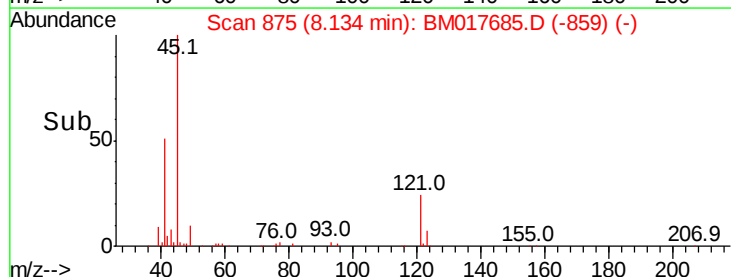
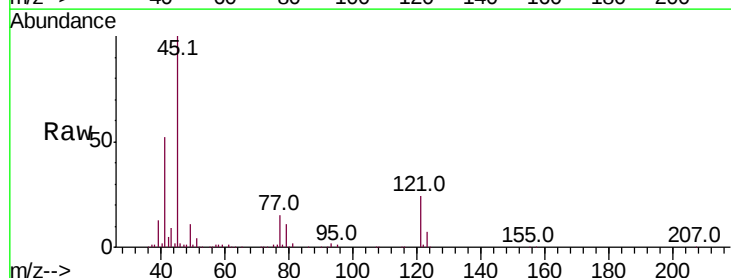
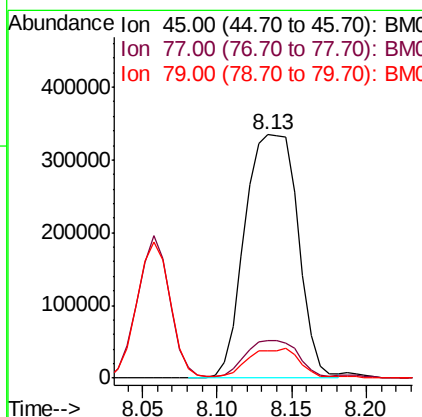
RT: 8.13 min Scan# 875

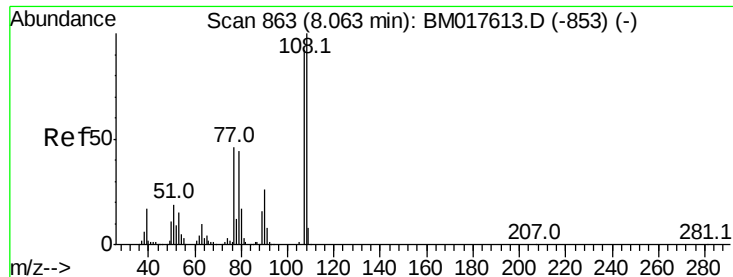
Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Tgt Ion:	45	Resp:	825868
Ion Ratio	Lower	Upper	
45	100		
77	15.3	0.0	34.2
79	11.1	0.0	30.5





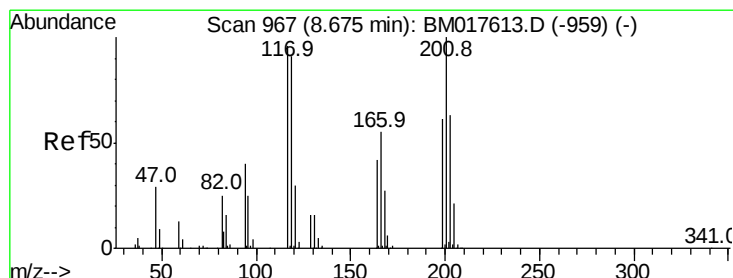
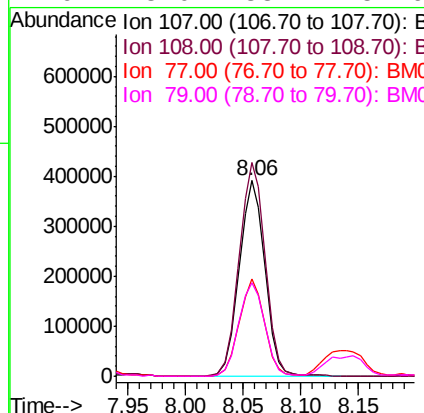
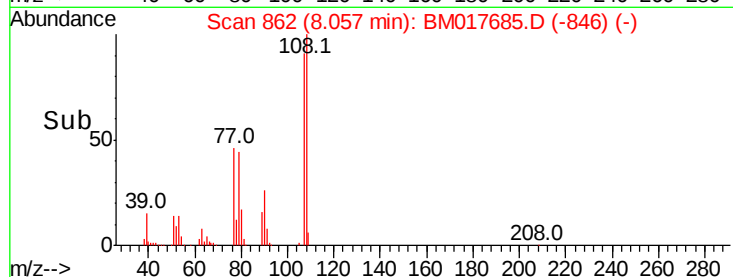
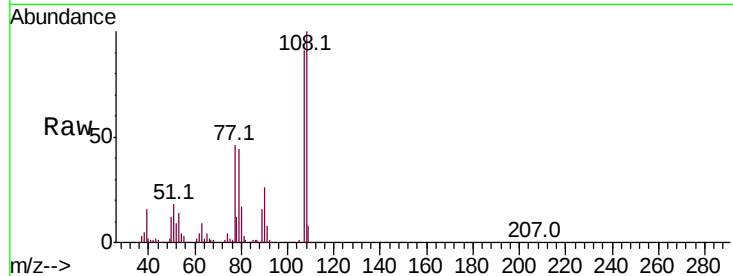
#17
2-Methylphenol
Concen: 46.552 ng
RT: 8.06 min Scan# 862
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.3	86.7	130.1	
77	49.9	39.8	59.6	
79	48.0	38.4	57.6	

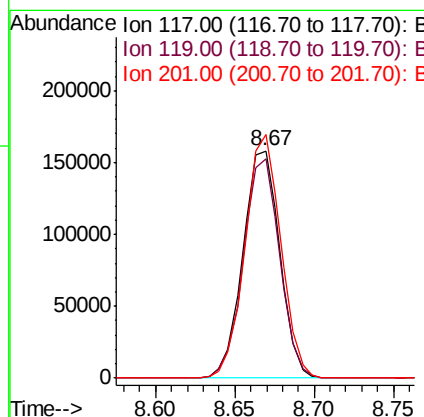
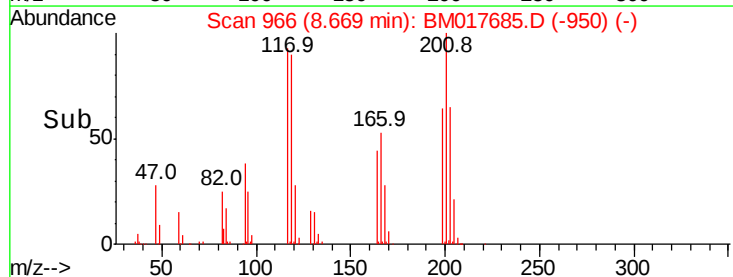
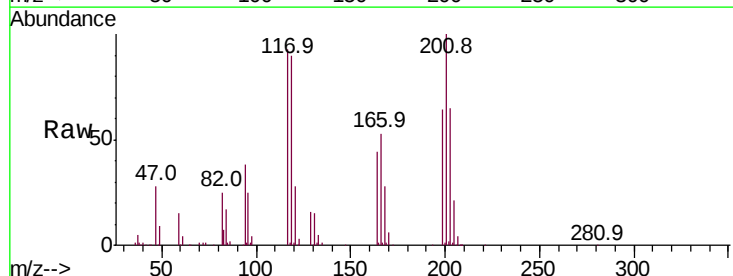
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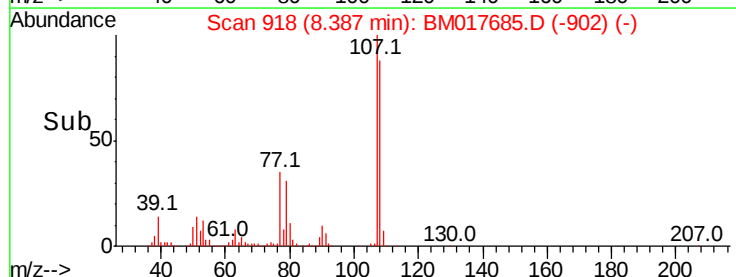
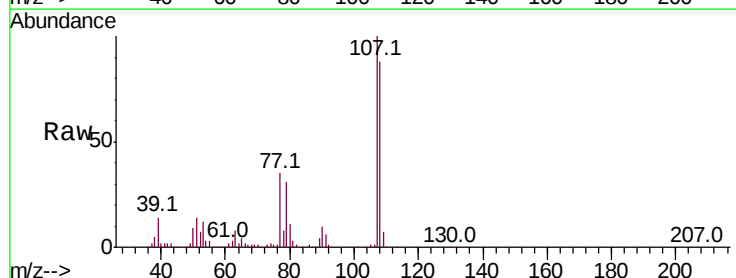
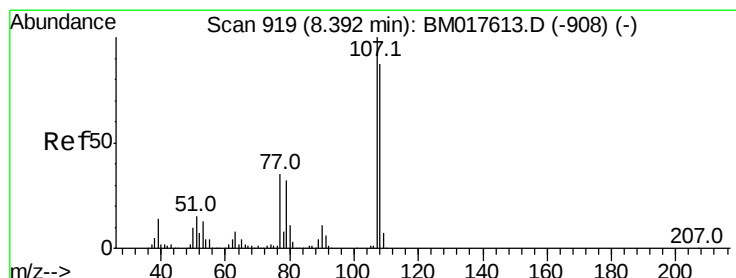
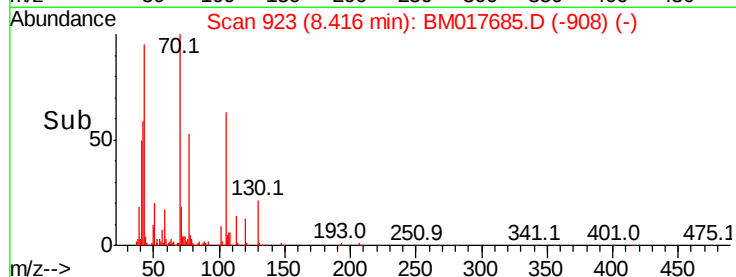
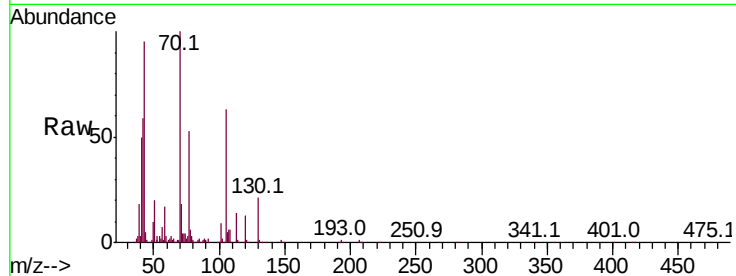
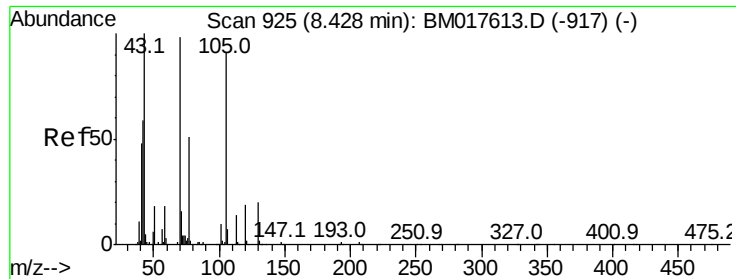
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#18
Hexachloroethane
Concen: 40.307 ng
RT: 8.67 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	75.8	113.8	
201	107.3	83.0	124.4	





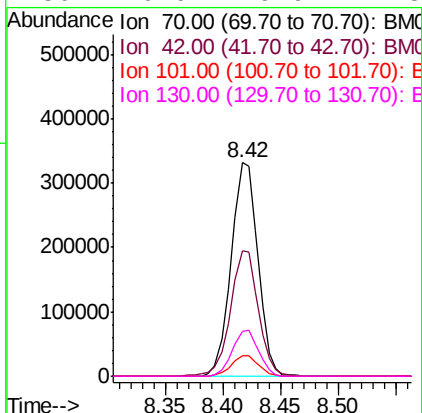
#19
n-Nitroso-di-n-propylamine
Concen: 40.798 ng
RT: 8.42 min Scan# 923
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	59.0	48.6	73.0
101	9.4	7.9	11.9
130	20.9	16.6	24.8

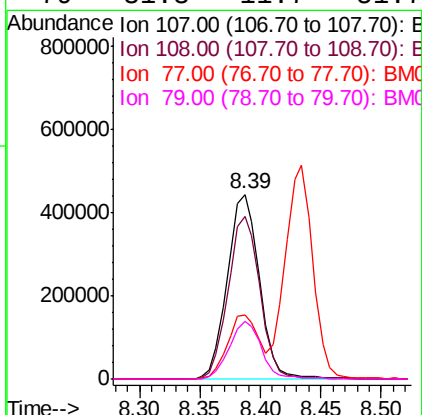
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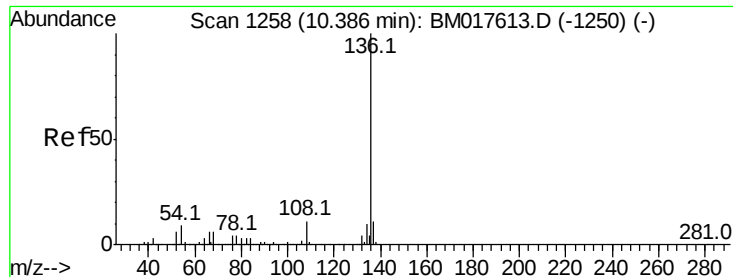
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#20
3+4-Methylphenols
Concen: 45.820 ng
RT: 8.39 min Scan# 918
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	67.0	107.0
77	34.7	15.6	55.6
79	31.3	11.7	51.7





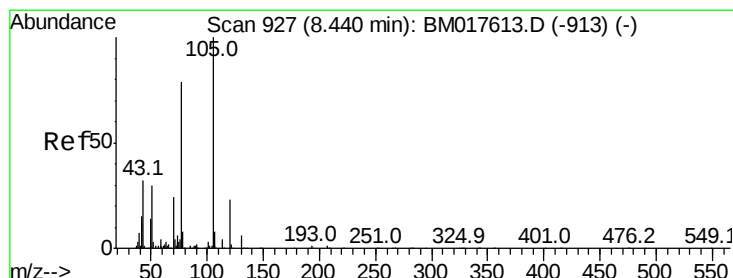
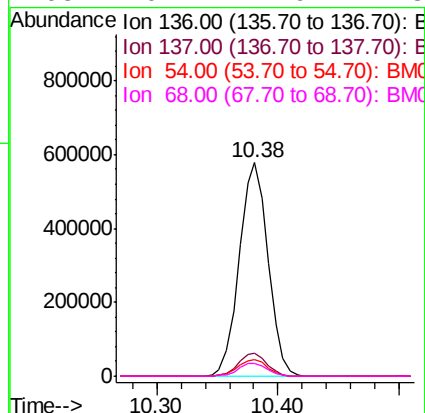
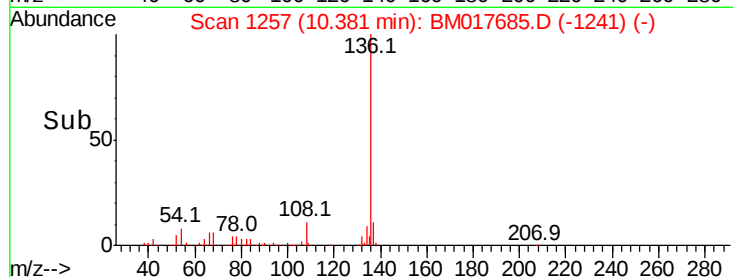
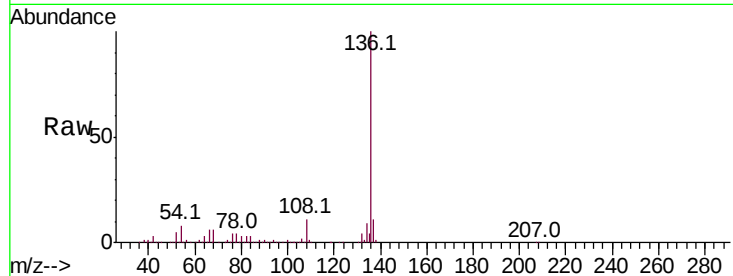
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	959215		
137	10.6		8.6	12.8
54	8.1		7.0	10.6
68	6.2		4.9	7.3

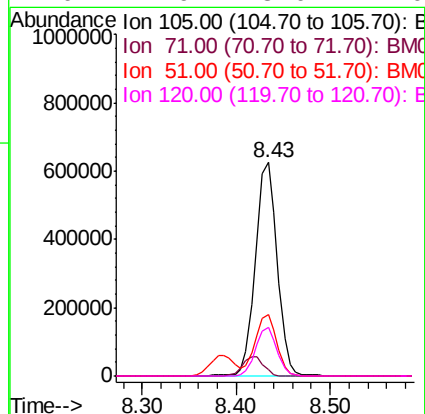
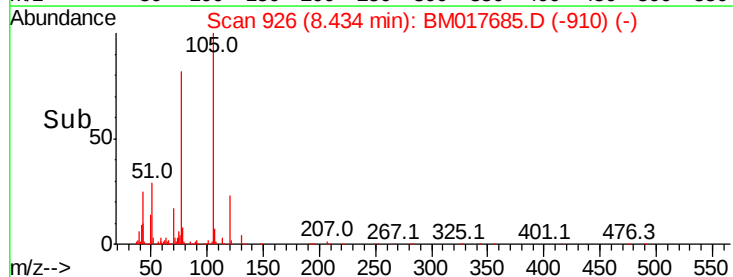
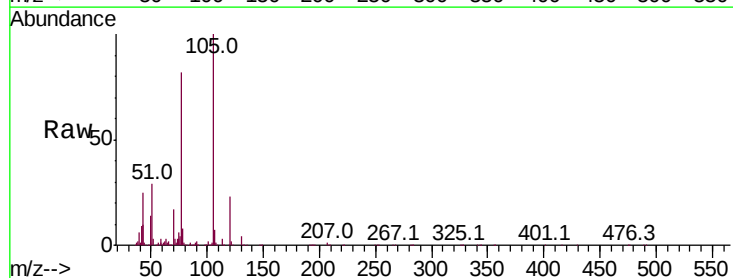
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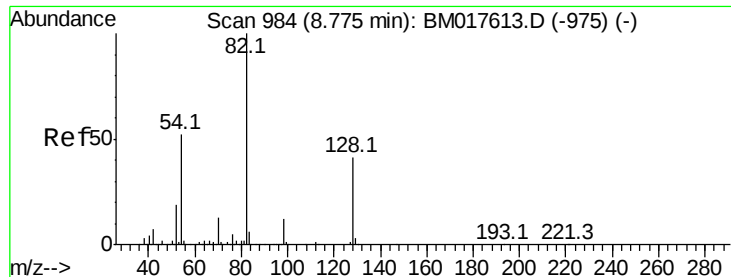
Sohil
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#22
Acetophenone
Concen: 42.332 ng
RT: 8.43 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1013446		
71	2.7		3.1	4.7#
51	28.7		23.8	35.8
120	22.9		18.0	27.0





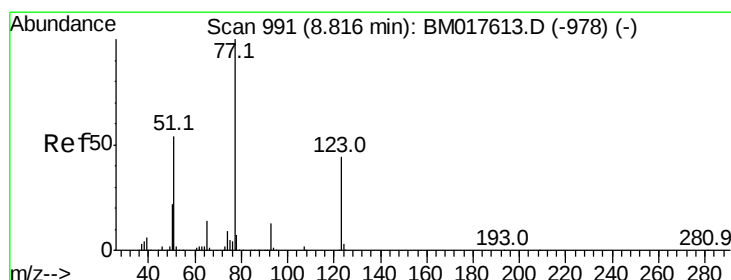
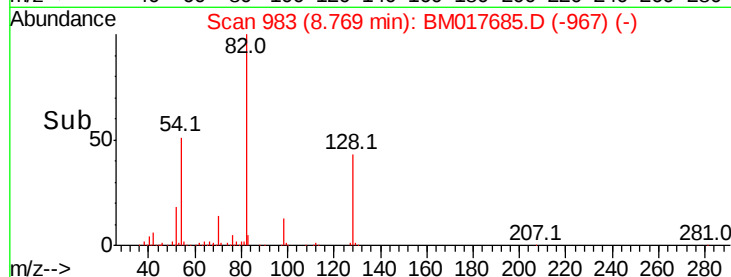
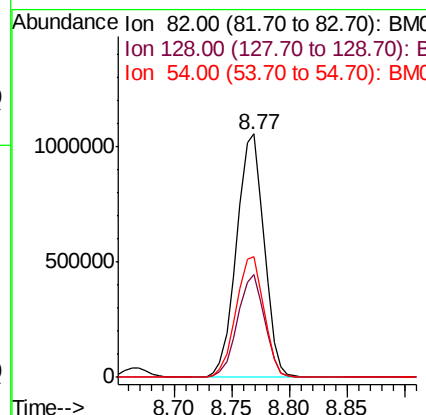
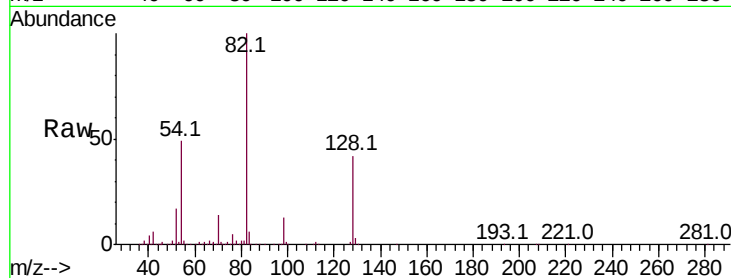
#23
Nitrobenzene-d5
Concen: 93.842 ng
RT: 8.77 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.0	49.4
54	49.3	41.4	62.2

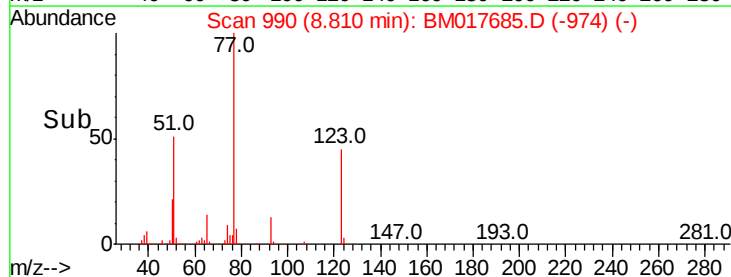
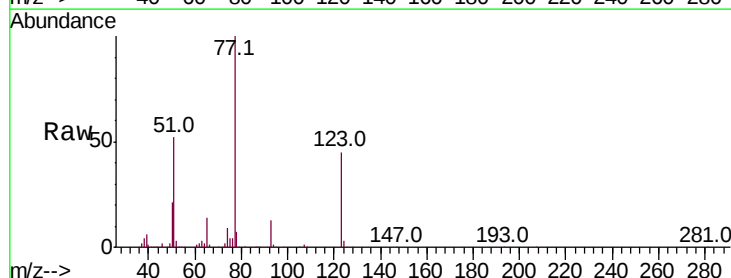
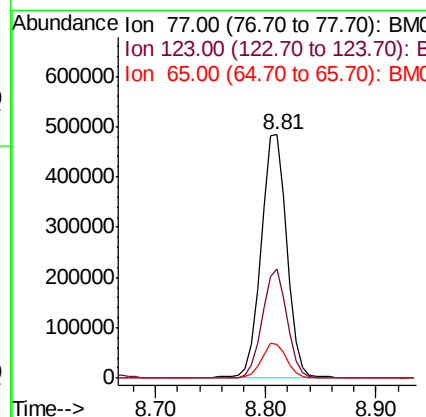
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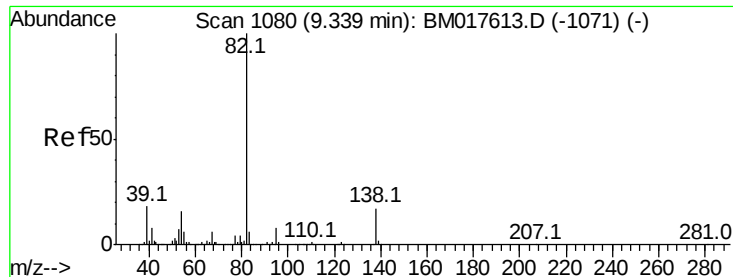
Sohil
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#24
Nitrobenzene
Concen: 42.053 ng
RT: 8.81 min Scan# 990
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.1	52.7
65	14.1	11.0	16.6





#25

Isophorone

Concen: 49.319 ng

RT: 9.33 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

ClientSampleId :

PB114860BSD

Tot Ion: 82 Resp: 1415340

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

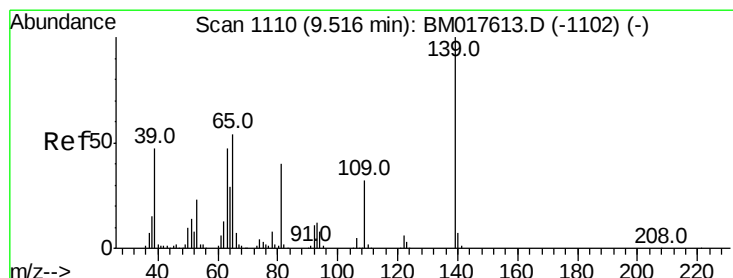
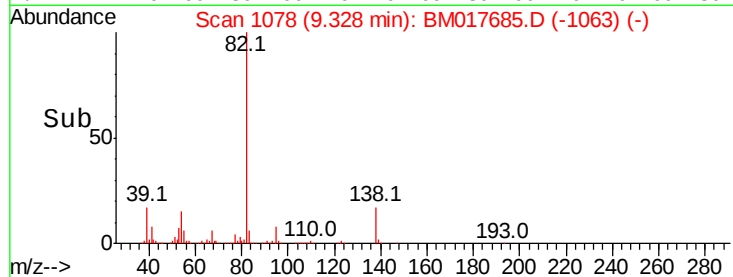
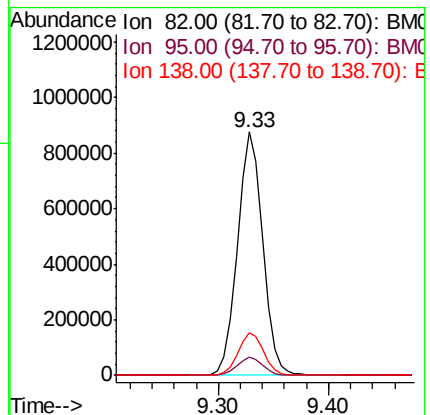
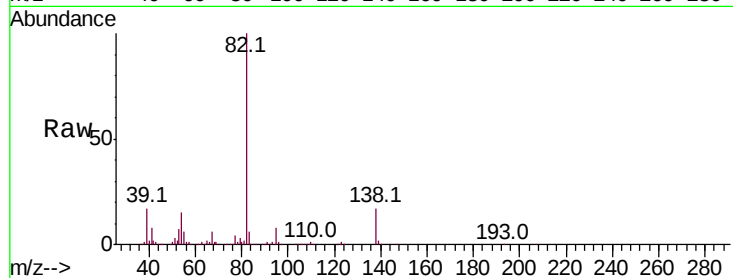
138 17.5 13.9 20.9

Manual Integrations

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#26

2-Nitrophenol

Concen: 44.106 ng

RT: 9.51 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

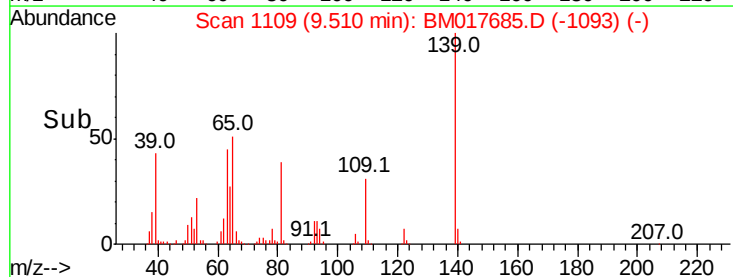
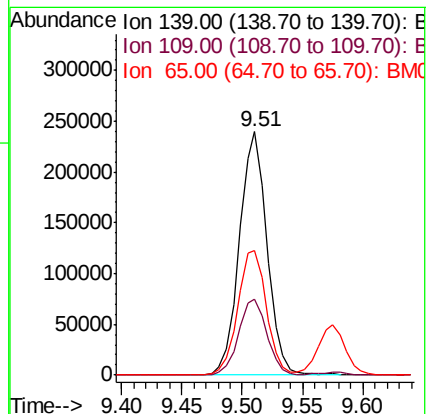
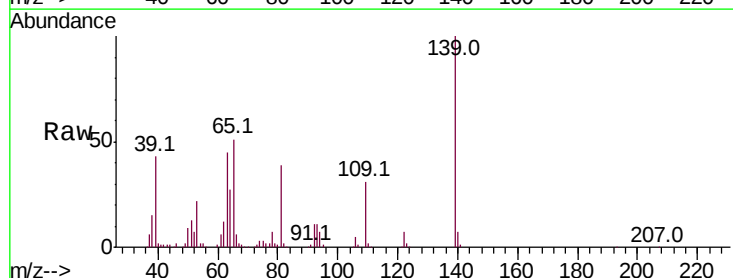
Tgt Ion: 139 Resp: 382985

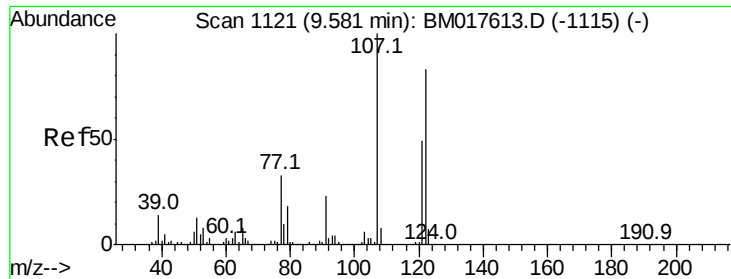
Ion Ratio Lower Upper

139 100

109 31.1 25.9 38.9

65 51.3 43.0 64.4





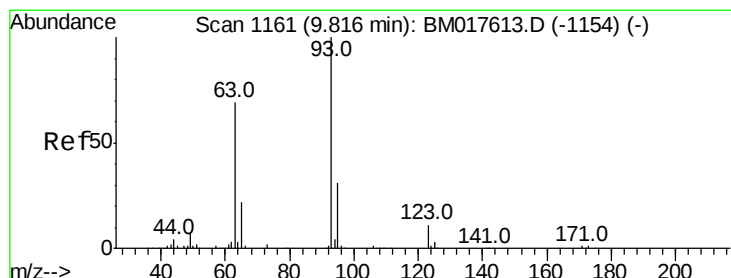
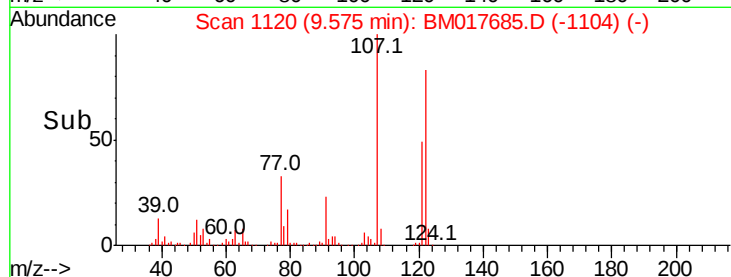
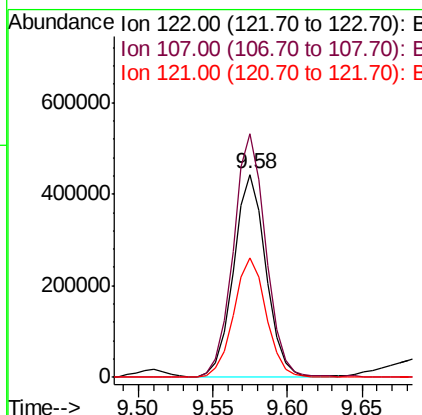
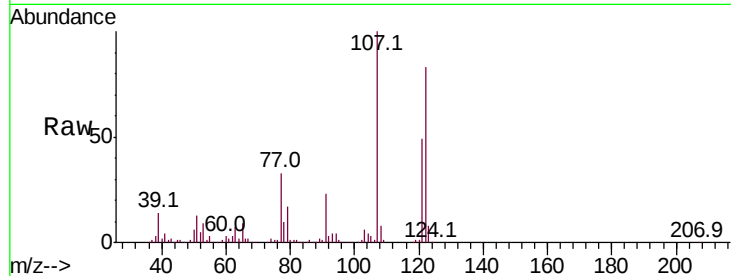
#27
2,4-Dimethylphenol
Concen: 53.262 ng
RT: 9.58 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	666536		
107	119.8	95.8	143.8	
121	58.6	47.2	70.8	

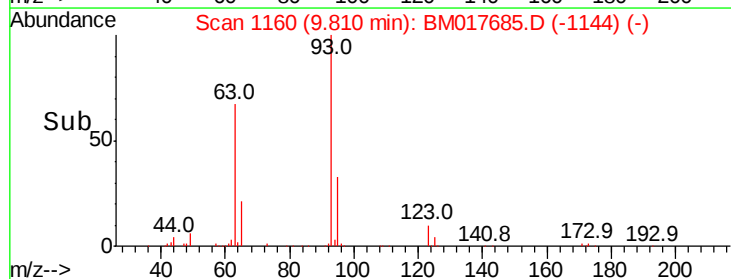
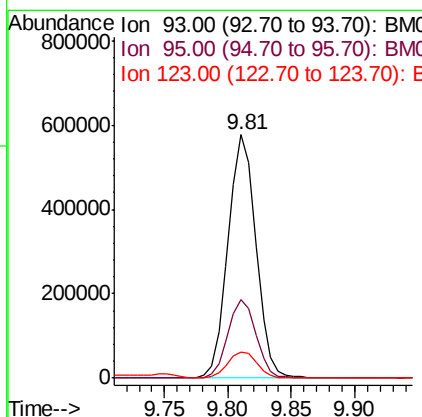
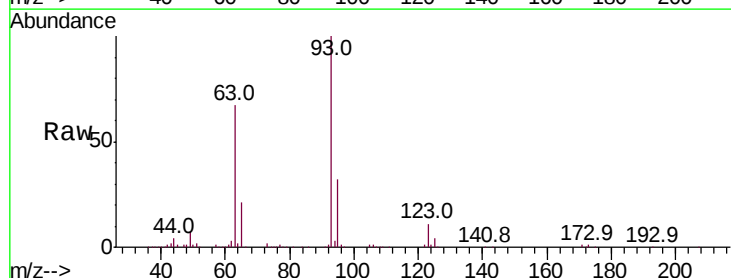
Manual Integrations
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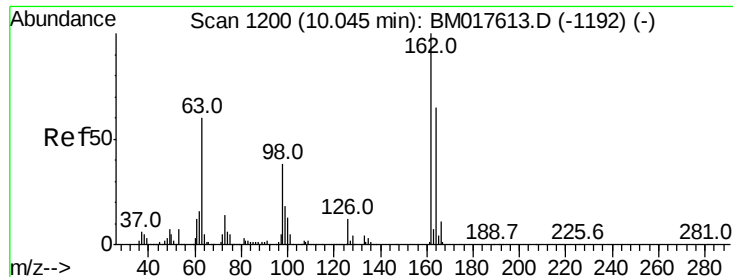
Sohil
11/19/2018 3:07:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 45.235 ng
RT: 9.81 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	879205		
95	32.5	24.9	37.3	
123	10.8	8.7	13.1	





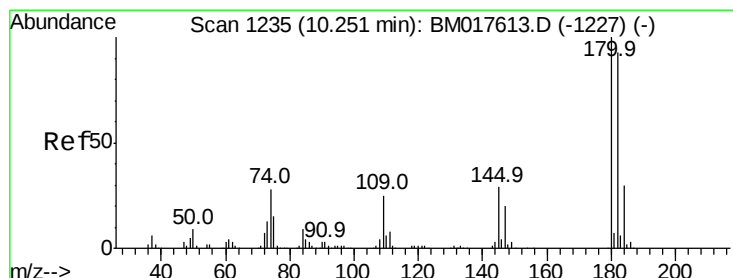
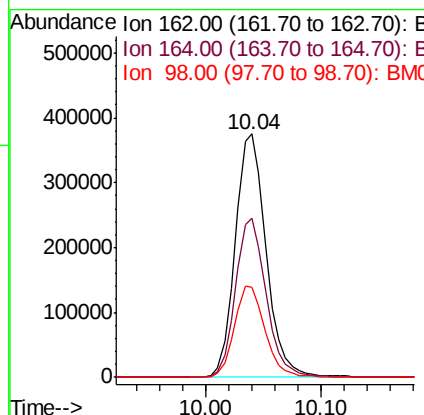
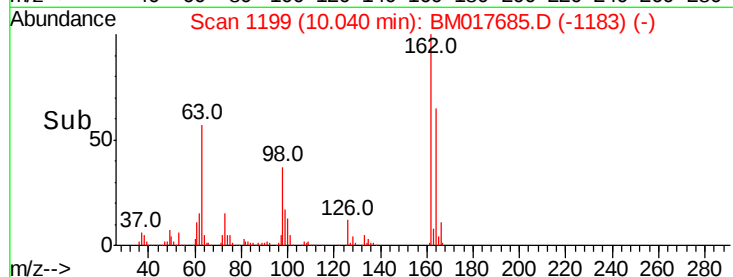
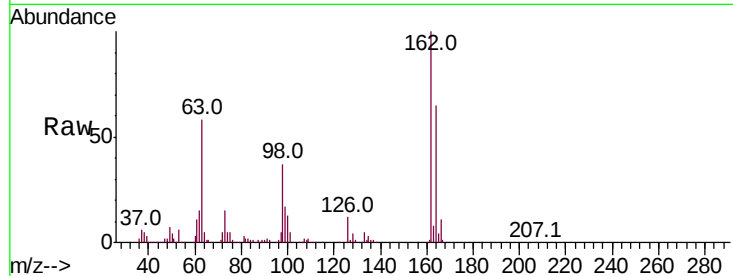
#29
 2,4-Dichlorophenol
 Concen: 47.689 ng
 RT: 10.04 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.1	45.0	85.0
98	36.8	17.5	57.5

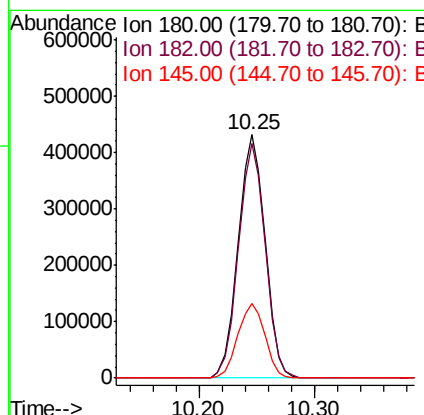
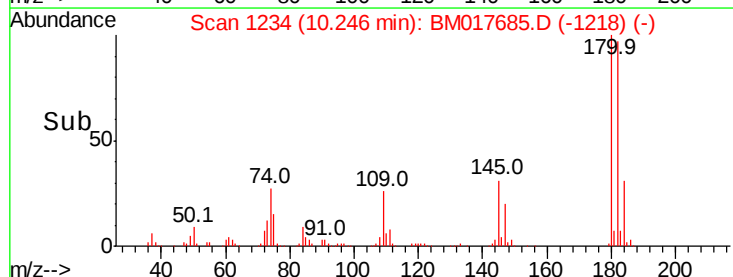
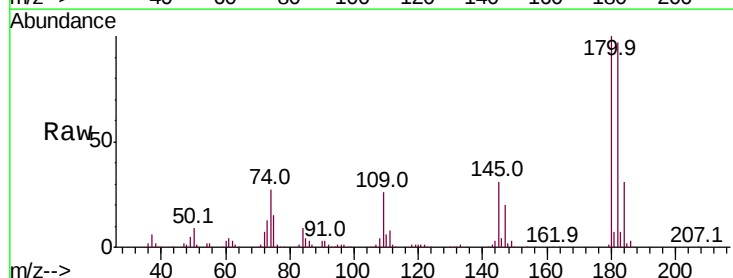
Manual Integrations
 APPROVED

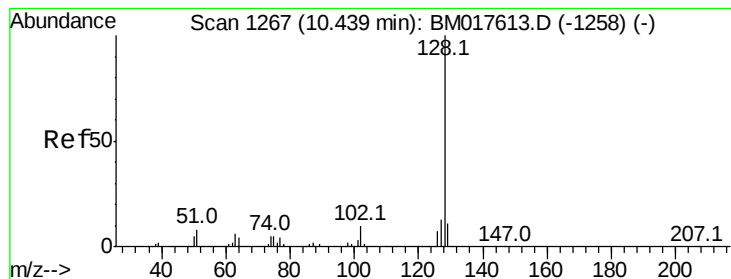
Sohil
 11/19/2018 3:07:37 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 41.279 ng
 RT: 10.25 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.6	74.4	111.6
145	30.6	23.5	35.3





#31

Naphthalene

Concen: 44.873 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

ClientSampleId :

PB114860BSD

Tot Ion:128 Resp: 2116299

Ion Ratio Lower Upper

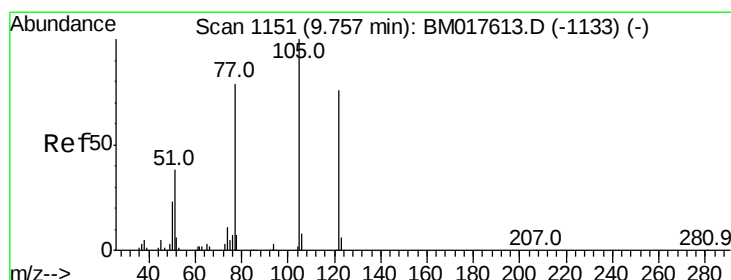
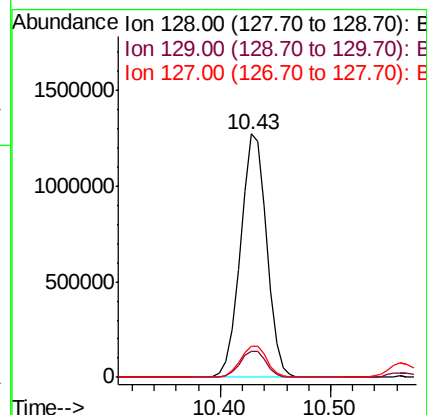
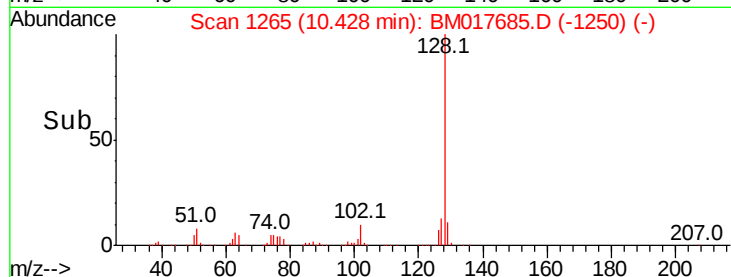
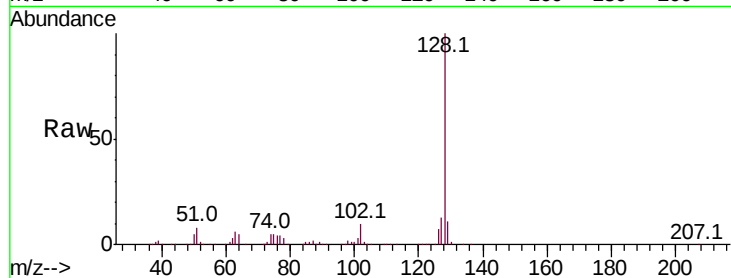
128 100

129 10.9 8.6 12.8

127 13.0 10.3 15.5

Manual Integrations
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#32

Benzoic acid

Concen: 41.885 ng m

RT: 9.75 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

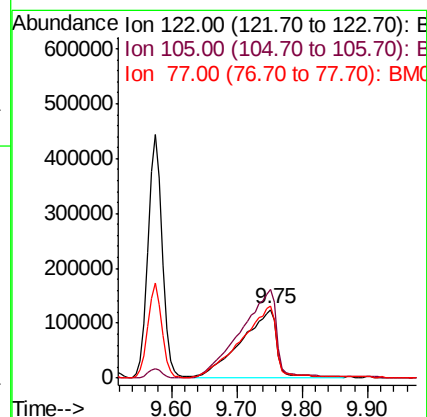
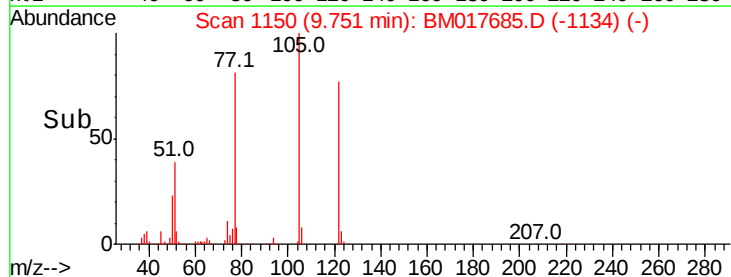
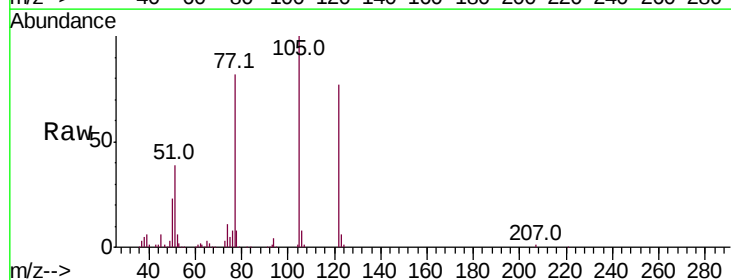
Tgt Ion:122 Resp: 474815

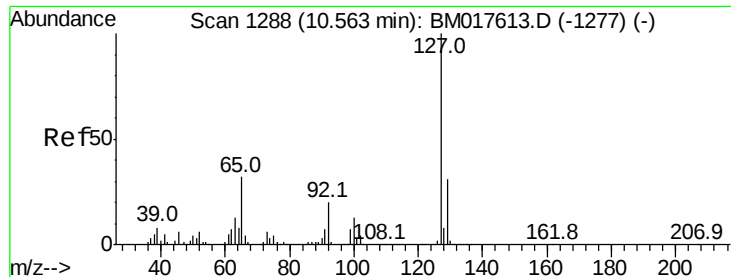
Ion Ratio Lower Upper

122 100

105 129.9 109.1 149.1

77 105.9 82.1 122.1





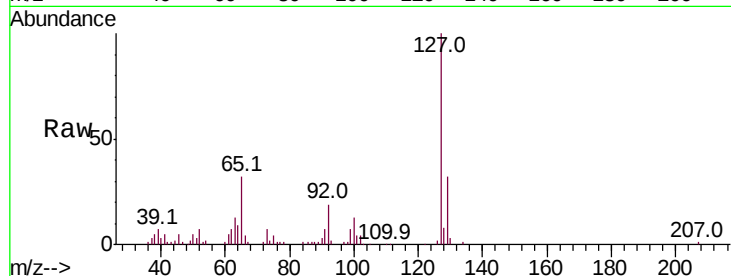
#33
4-Chloroaniline
Concen: 7.089 ng
RT: 10.56 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.0	37.4	
65	32.2	25.8	38.8	
92	18.7	15.8	23.6	

Manual Integrations
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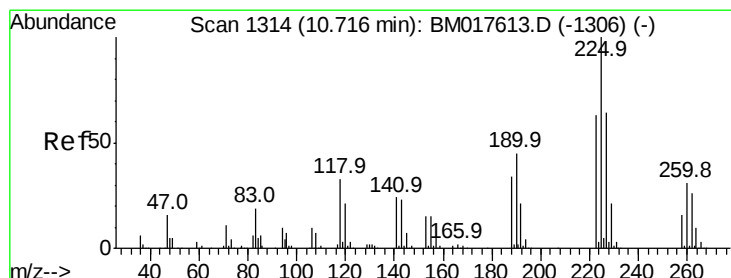
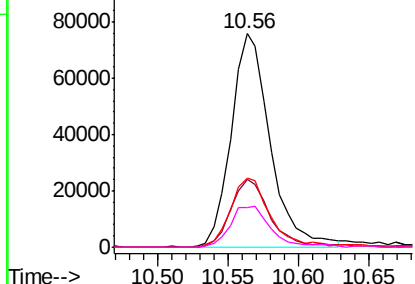
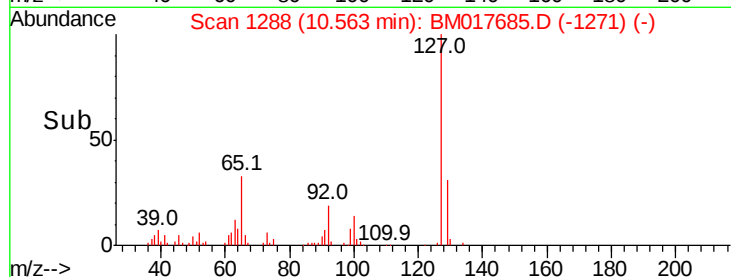
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

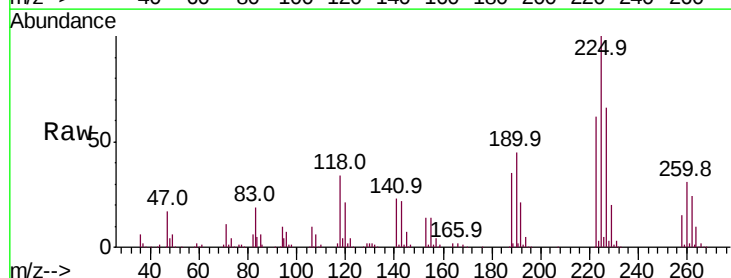
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 39.084 ng
RT: 10.70 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.7	76.1	
227	65.8	51.0	76.4	

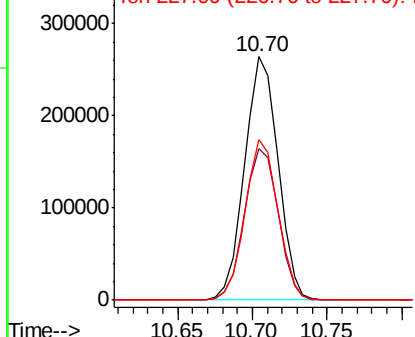
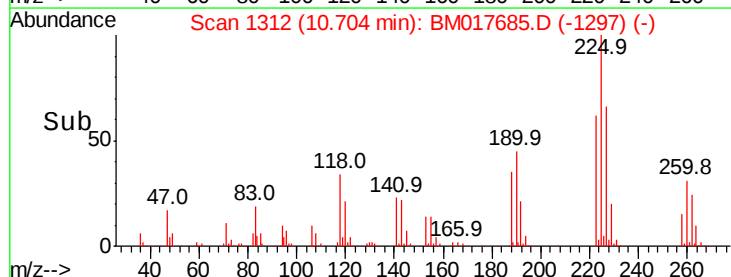


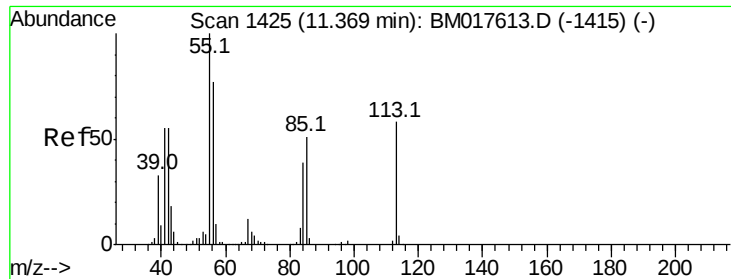
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





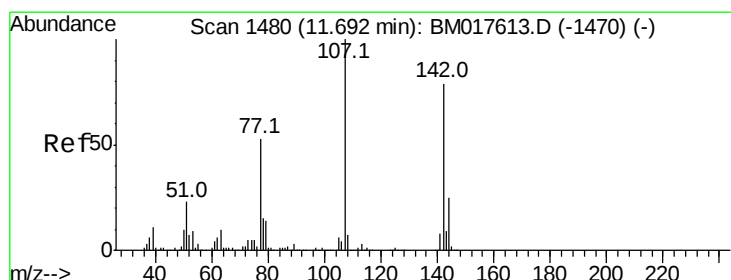
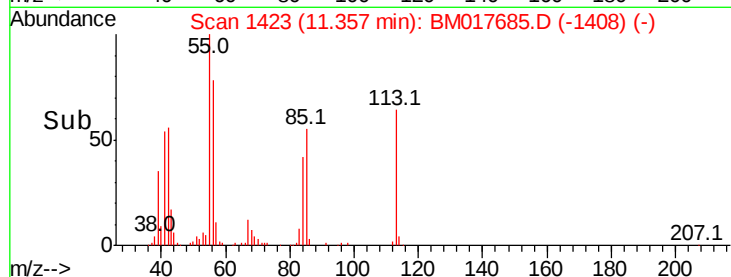
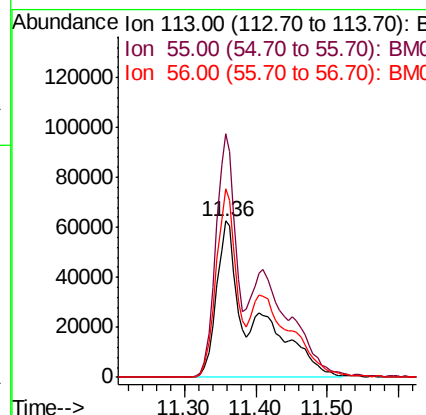
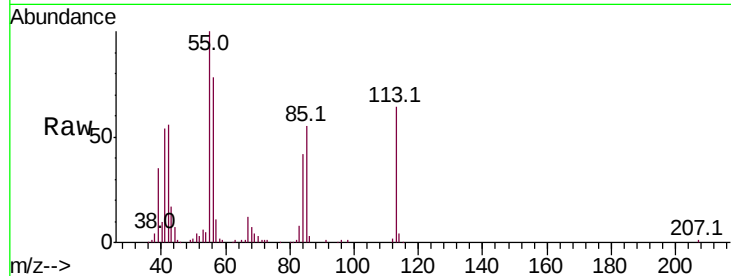
#35
 Caprolactam
 Concen: 41.849 ng/ml
 RT: 11.36 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	155.6	153.1	193.1
56	120.8	112.7	152.7

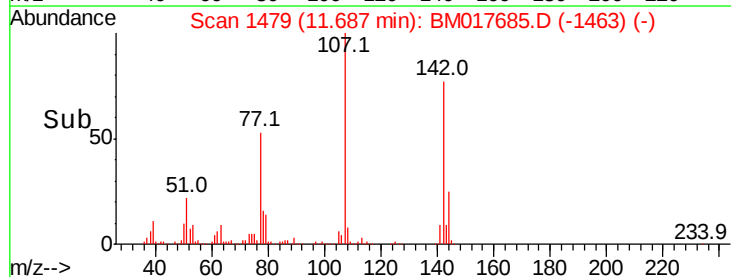
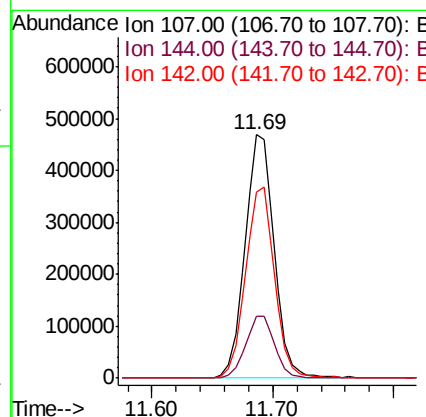
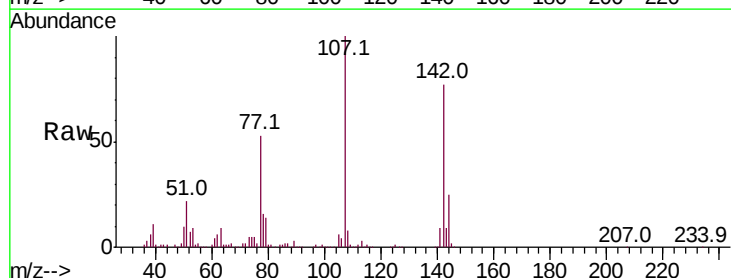
Manual Integrations
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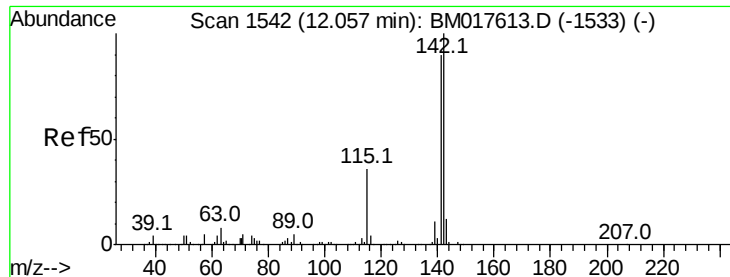
Sohil
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#36
 4-Chloro-3-methylphenol
 Concen: 47.144 ng/ml
 RT: 11.69 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	19.9	29.9
142	76.5	63.0	94.4





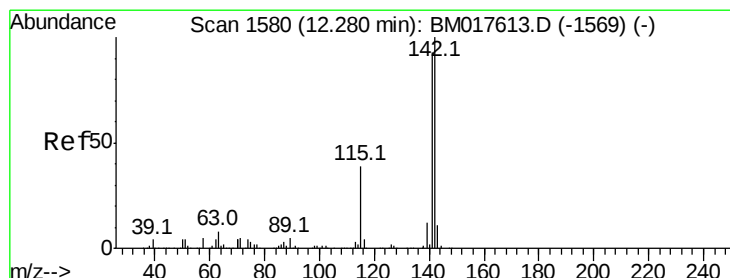
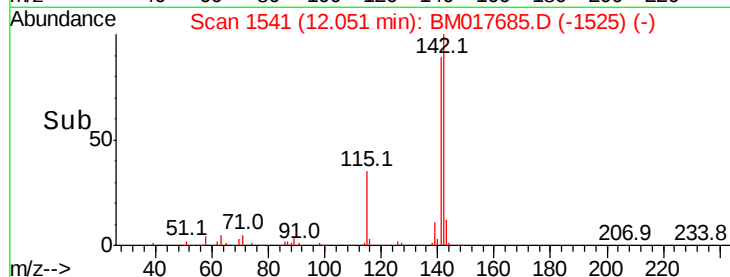
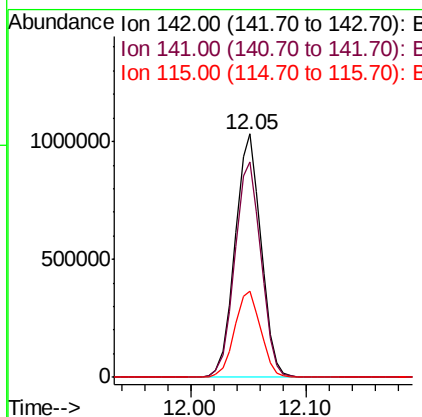
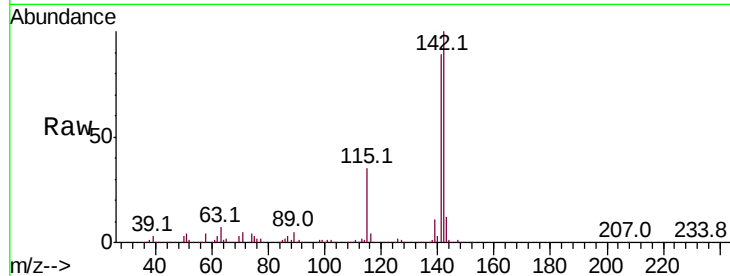
#37
 2-Methylnaphthalene
 Concen: 48.235 ng
 RT: 12.05 min Scan# 1541
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.2	108.4
115	35.2	28.5	42.7

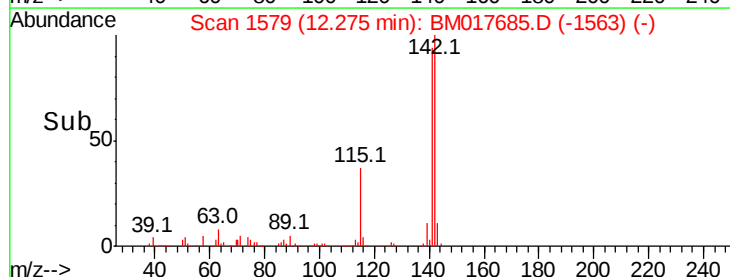
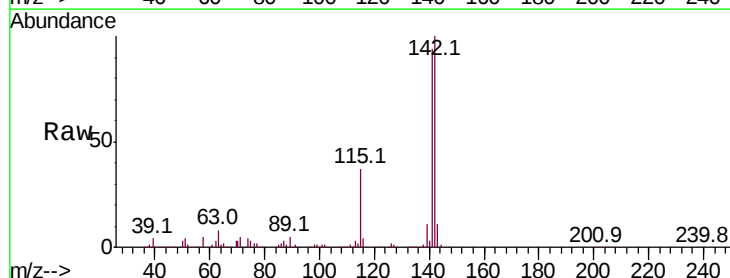
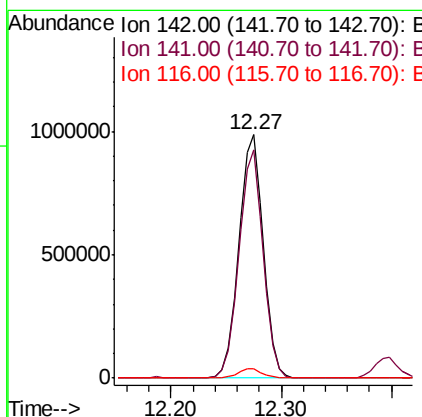
Manual Integrations
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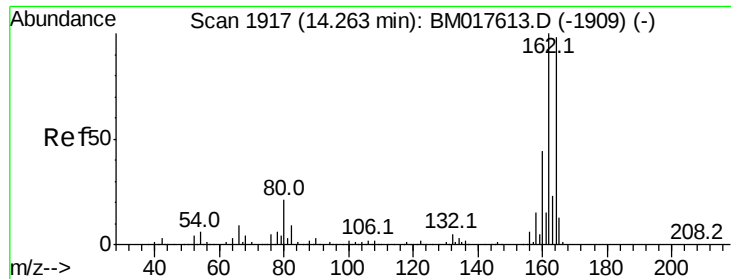
Sohil
 11/19/2018 3:07:37 PM



#38
 1-Methylnaphthalene
 Concen: 46.705 ng
 RT: 12.27 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	74.2	111.4
116	3.8	3.1	4.7





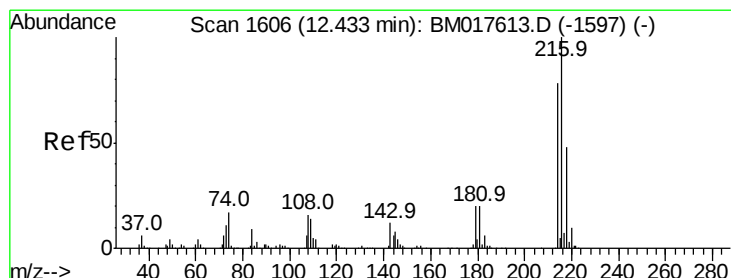
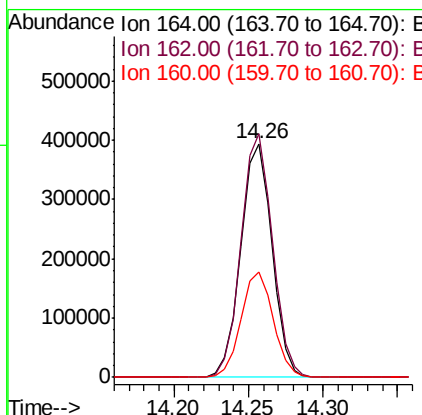
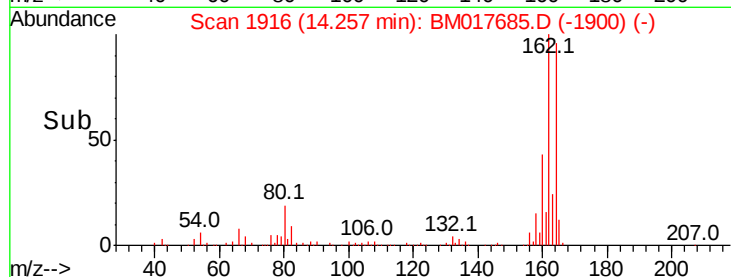
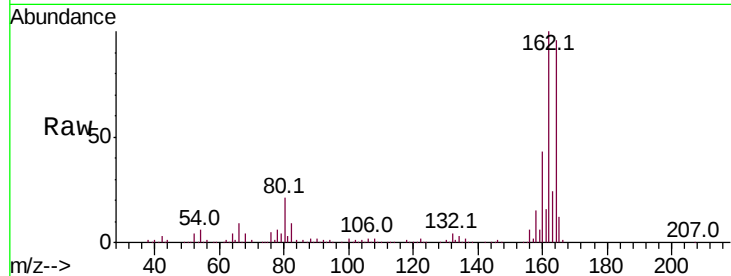
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.2	81.4	122.0
160	45.3	35.6	53.4

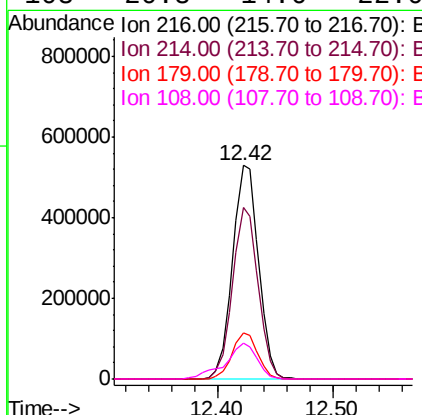
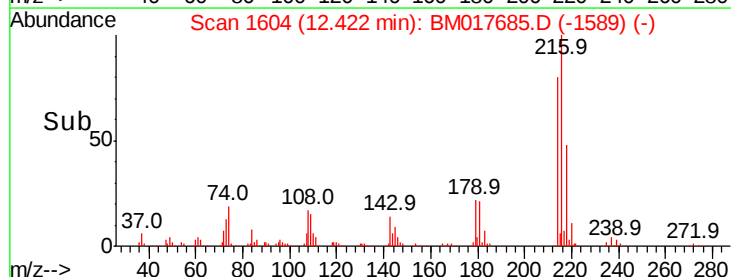
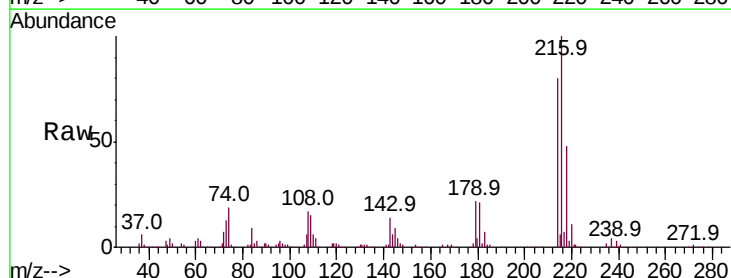
Manual Integrations
APPROVED

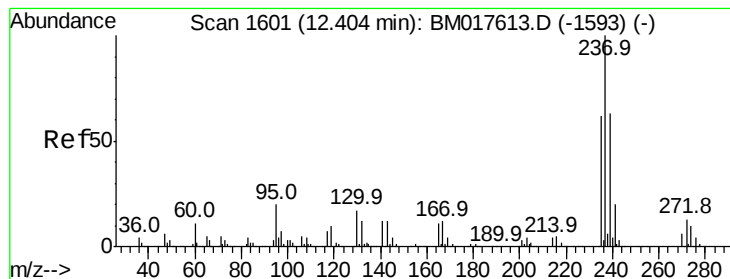
Sohil
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.891 ng
RT: 12.42 min Scan# 1604
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.5	93.7
179	21.4	16.8	25.2
108	20.8	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 101.178 ng

RT: 12.40 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

ClientSampleId :

PB114860BSD

Tot Ion:237 Resp: 1053834

Ion Ratio Lower Upper

237 100

235 61.4 42.2 82.2

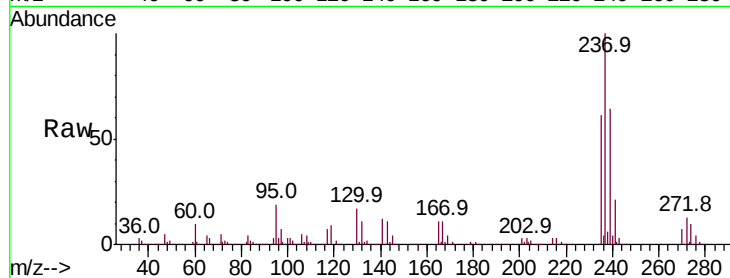
272 13.0 0.0 32.6

Manual Integrations

APPROVED

Sohil

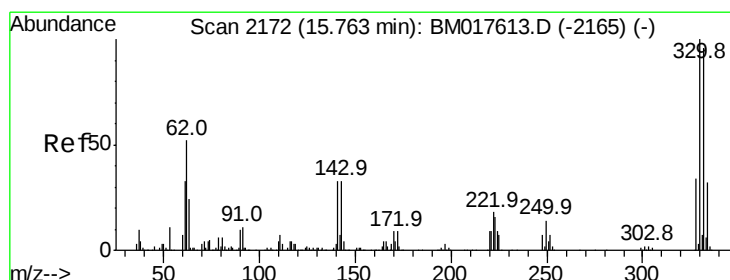
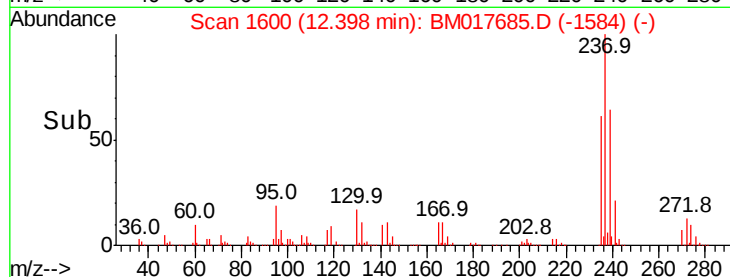
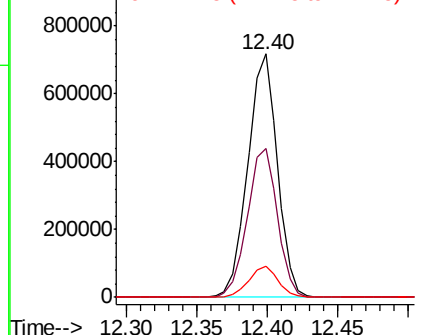
11/19/2018 3:07:37 PM



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 103.746 ng

RT: 15.76 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

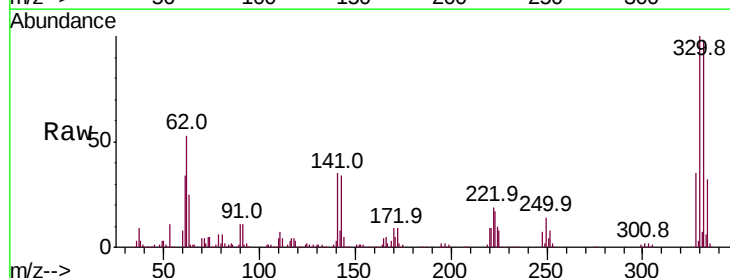
Tgt Ion:330 Resp: 852095

Ion Ratio Lower Upper

330 100

332 97.6 77.9 116.9

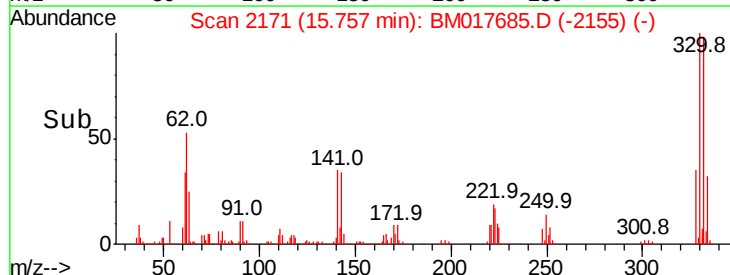
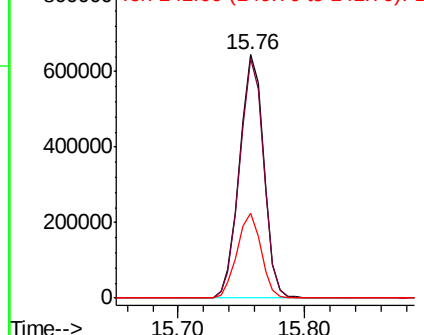
141 34.5 27.5 41.3

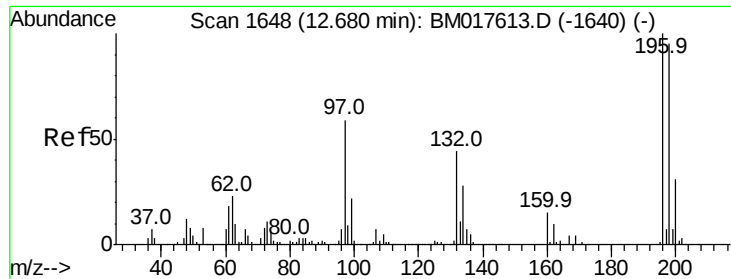


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





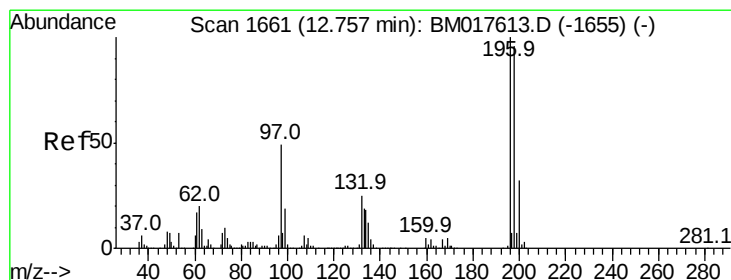
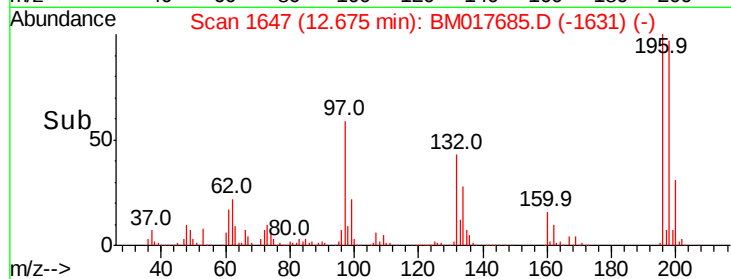
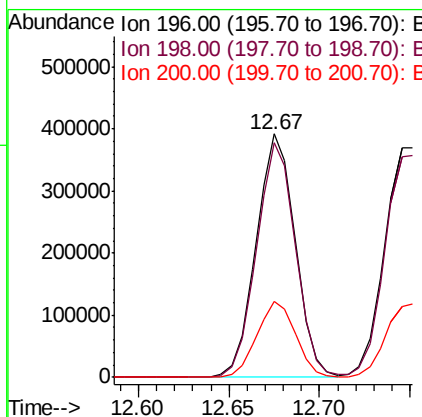
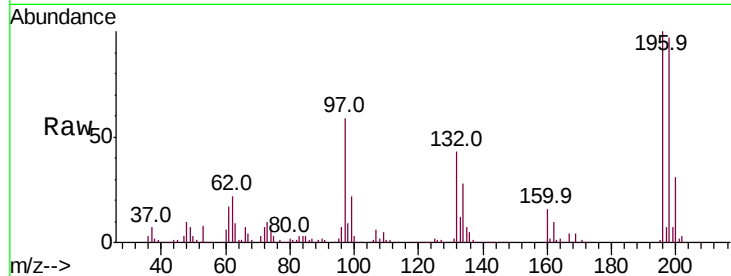
#43
 2,4,6-Trichlorophenol
 Concen: 46.398 ng
 RT: 12.67 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	585792		
198	96.6	75.6	113.4	
200	31.3	24.8	37.2	

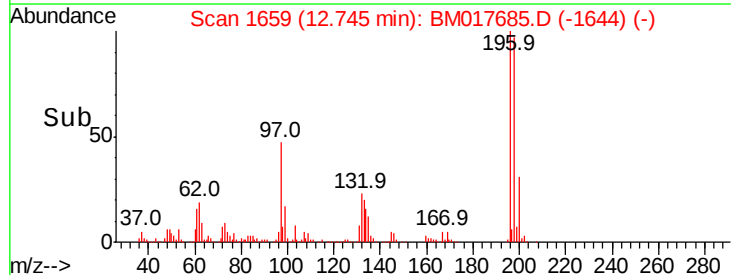
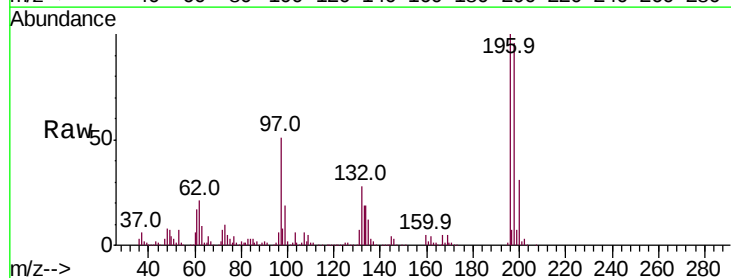
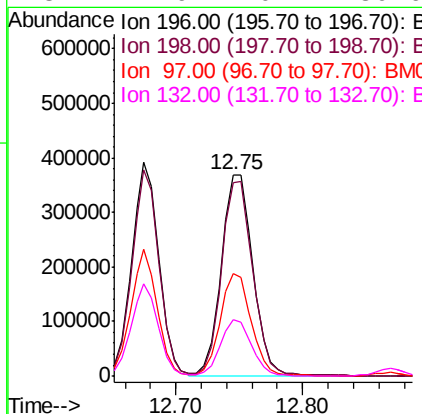
Manual Integrations
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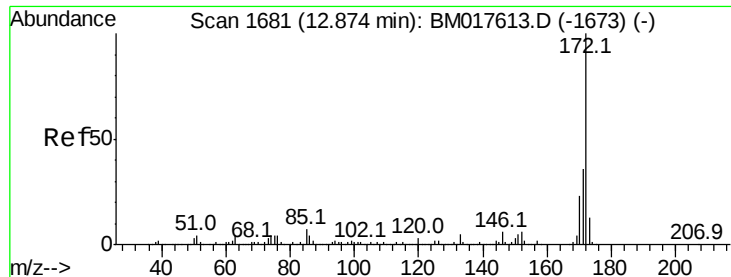
Sohil
 11/19/2018 3:07:37 PM



#44
 2,4,5-Trichlorophenol
 Concen: 47.413 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	632059		
198	96.1	76.8	115.2	
97	50.6	39.0	58.6	
132	27.9	20.4	30.6	





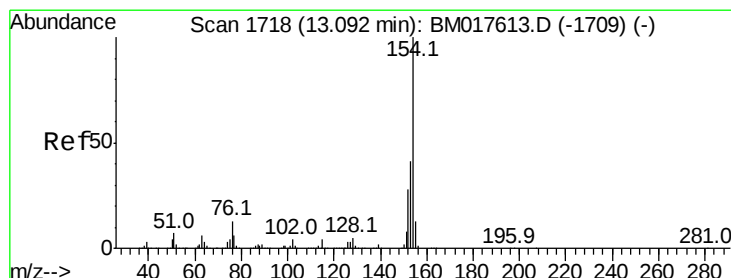
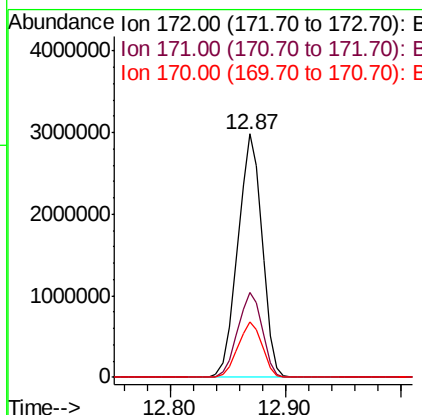
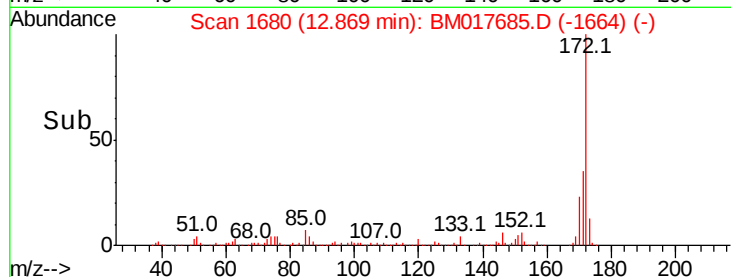
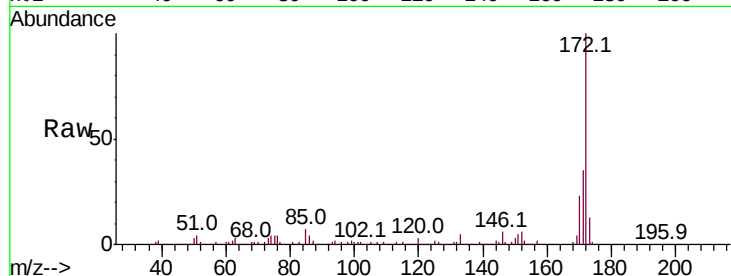
#45
2-Fluorobiphenyl
Concen: 98.131 ng
RT: 12.87 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.7	43.1
170	22.7	18.3	27.5

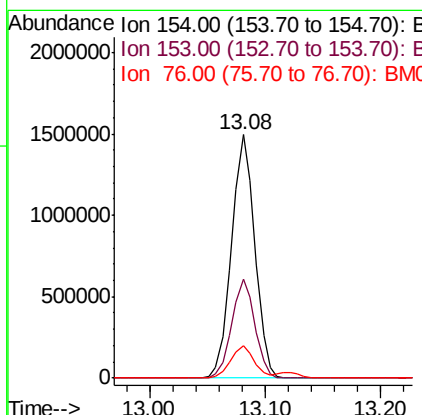
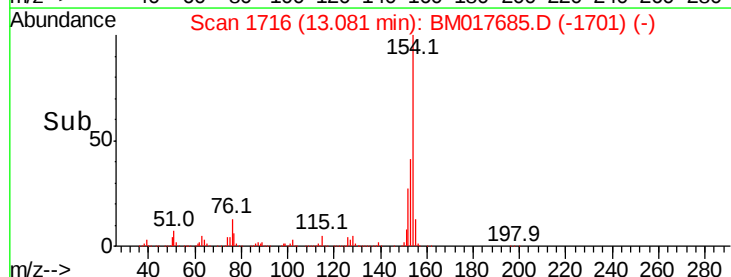
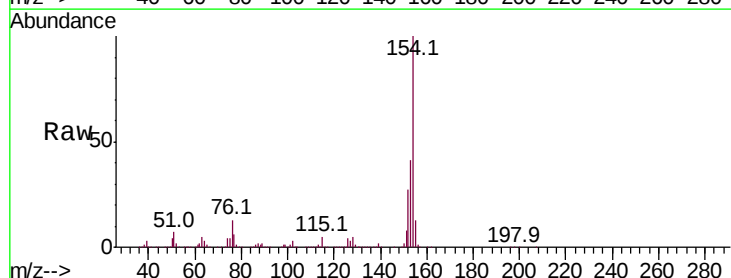
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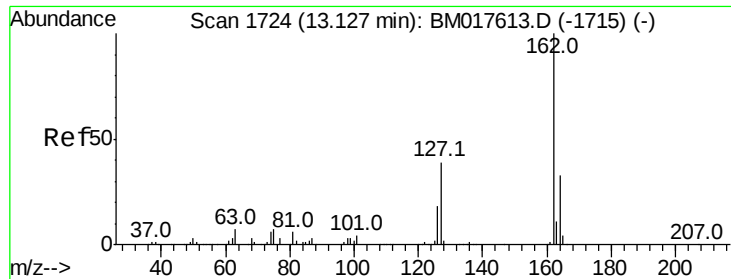
Sohil
11/19/2018 3:07:37 PM



#46
1,1'-Biphenyl
Concen: 40.704 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.8	60.8
76	13.2	0.0	32.8





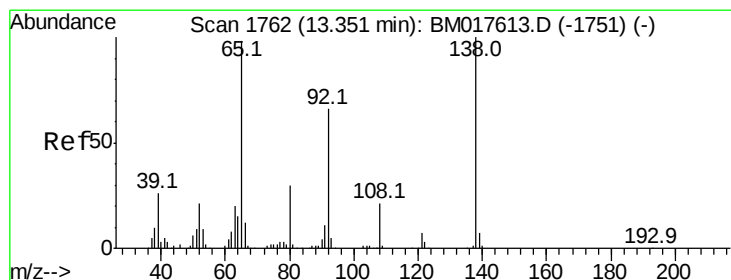
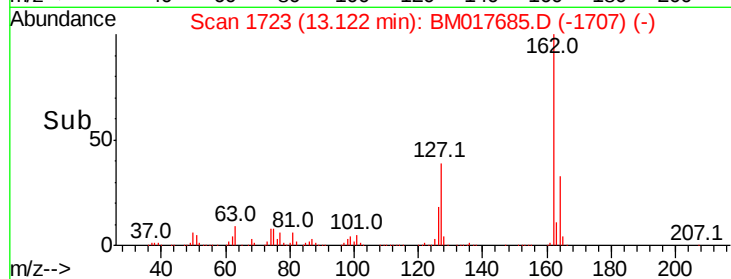
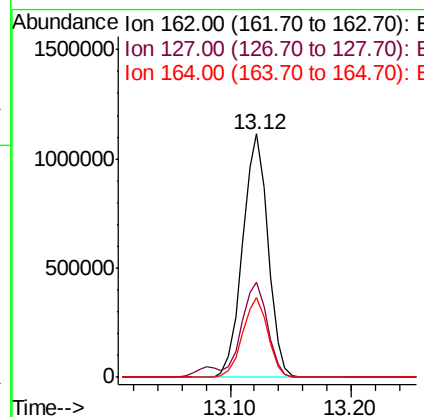
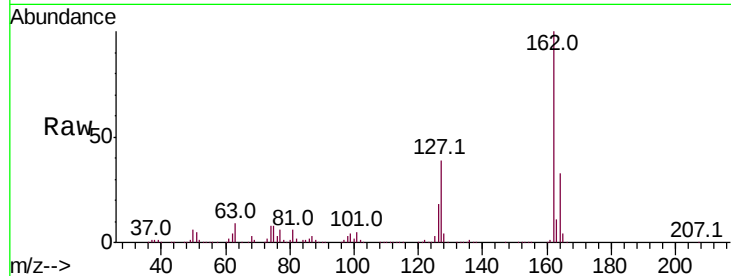
#47
 2-Chloronaphthalene
 Concen: 42.954 ng
 RT: 13.12 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	32.6	48.8
164	32.6	26.5	39.7

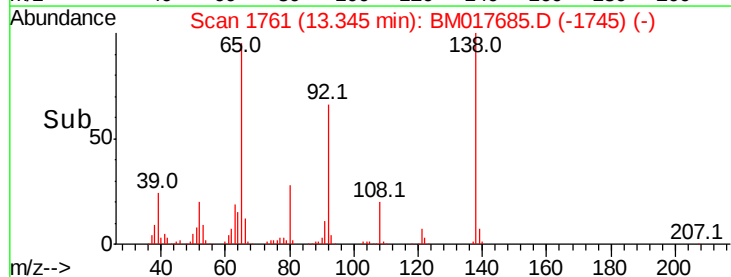
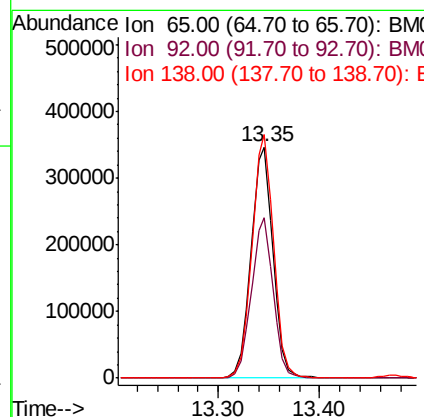
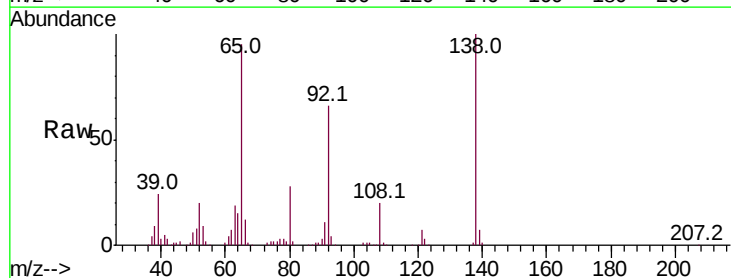
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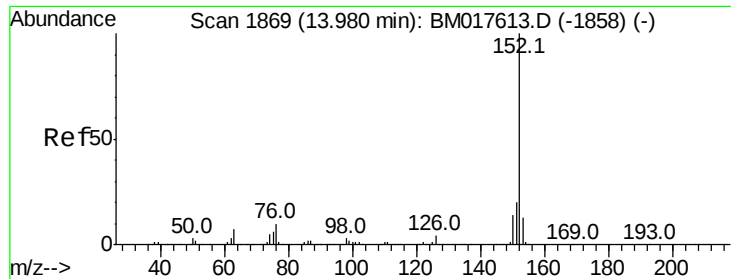
Sohil
 11/19/2018 3:07:37 PM



#48
 2-Nitroaniline
 Concen: 44.306 ng
 RT: 13.35 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.2	53.7	80.5
138	105.3	81.5	122.3





#49

Acenaphthylene

Concen: 47.505 ng

RT: 13.97 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

ClientSampleId :

PB114860BSD

Tot Ion:152 Resp: 2718163

Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

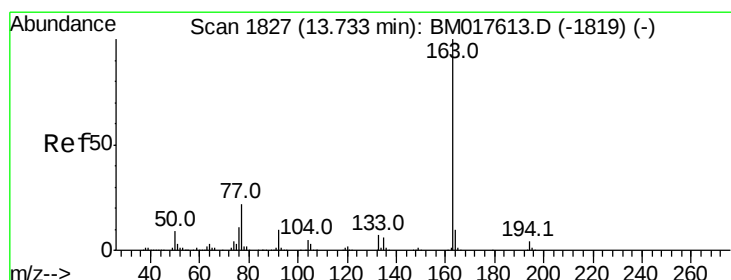
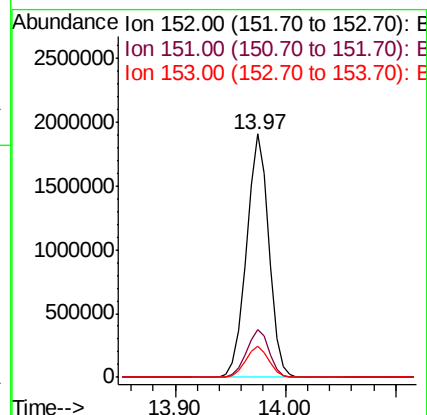
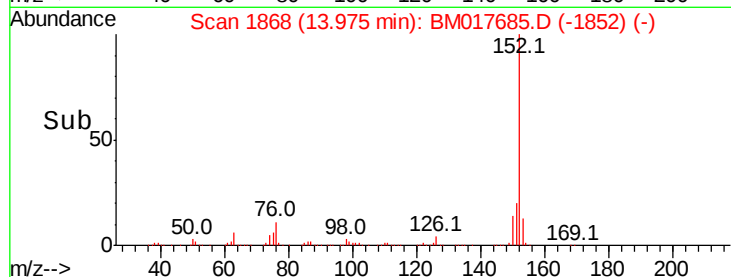
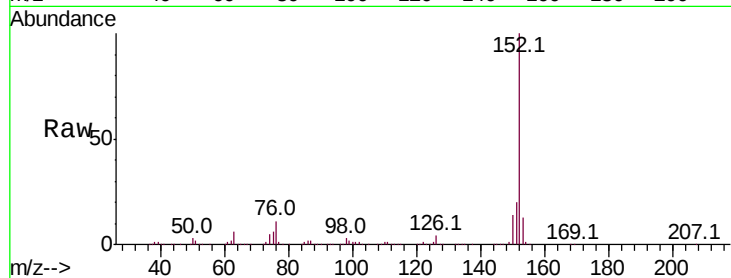
153 13.0 10.5 15.7

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#50

Dimethylphthalate

Concen: 45.086 ng

RT: 13.73 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

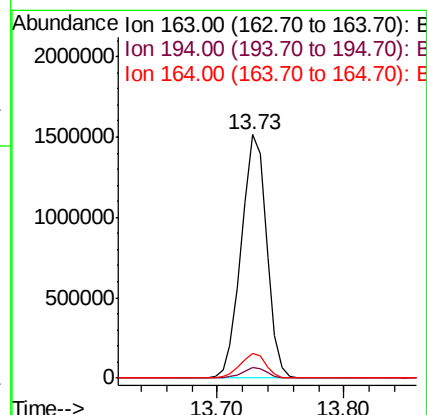
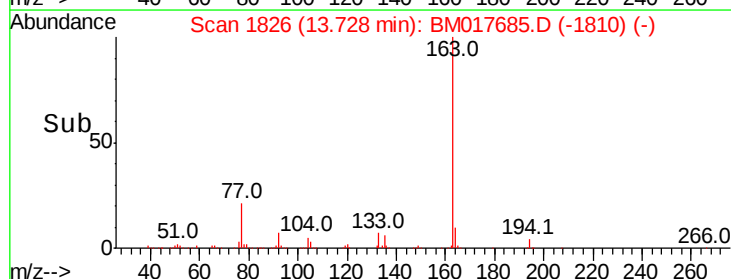
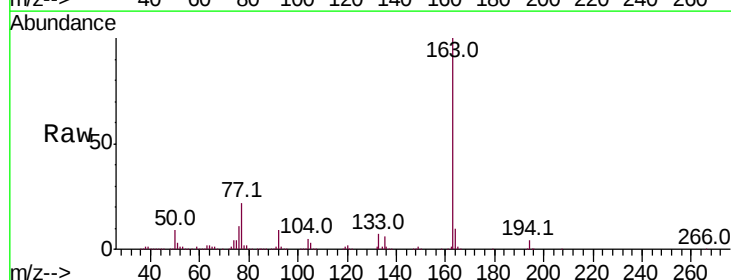
Tgt Ion:163 Resp: 2095349

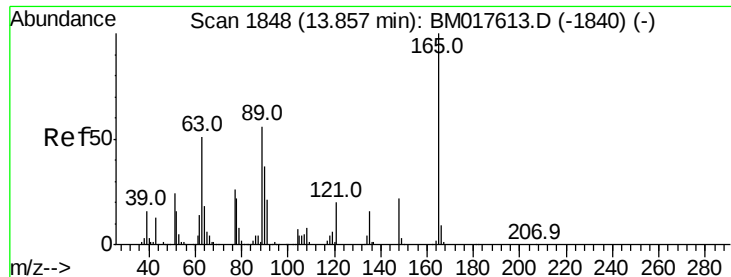
Ion Ratio Lower Upper

163 100

194 4.2 3.1 4.7

164 10.0 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 46.052 ng

RT: 13.85 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

ClientSampleId :

PB114860BSD

Tot Ion:165 Resp: 476579

Ion Ratio Lower Upper

165 100

63 55.7 47.3 70.9

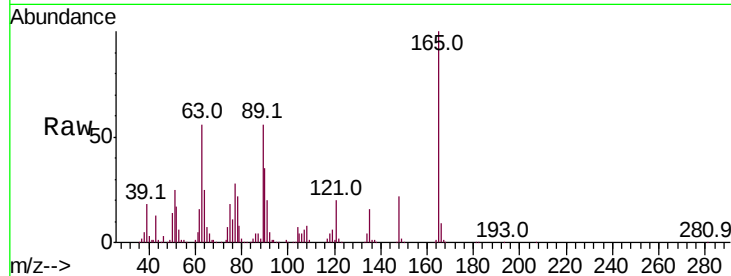
89 55.8 44.8 67.2

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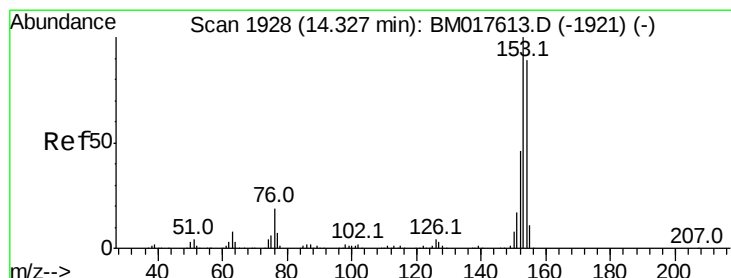
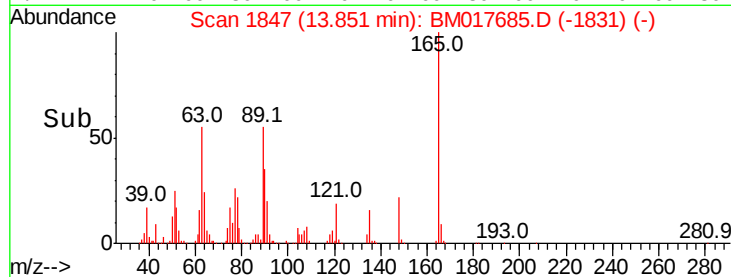
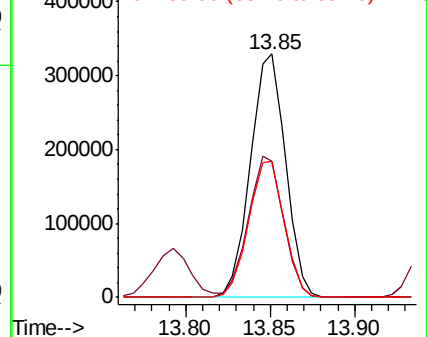
11/19/2018 3:07:37 PM



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 44.425 ng

RT: 14.32 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

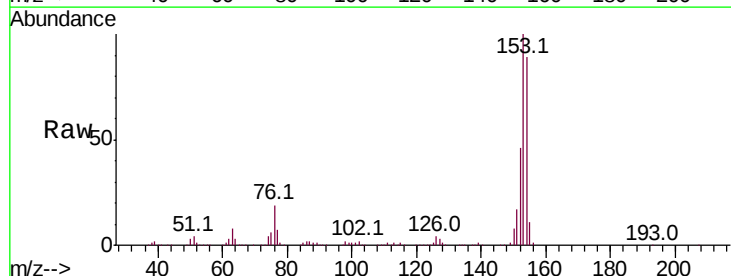
Tgt Ion:154 Resp: 1560009

Ion Ratio Lower Upper

154 100

153 112.6 90.2 135.4

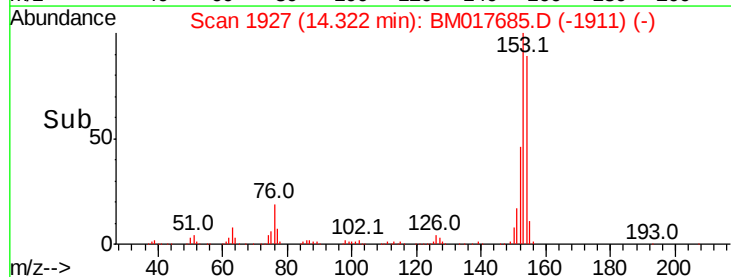
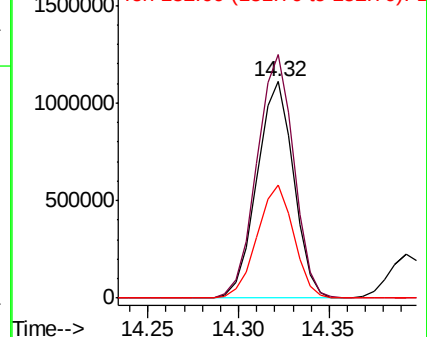
152 52.3 41.6 62.4

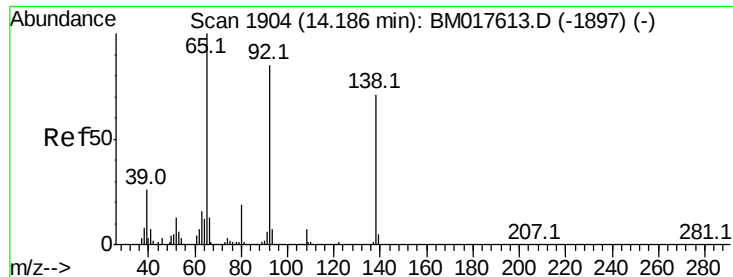


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





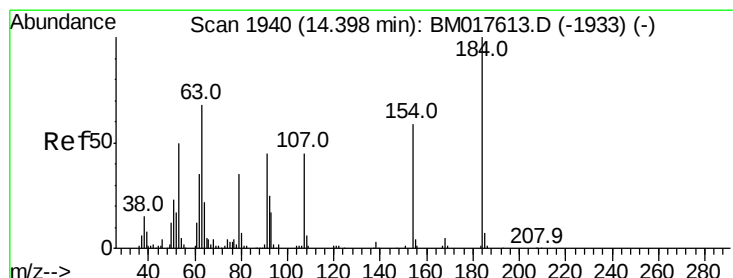
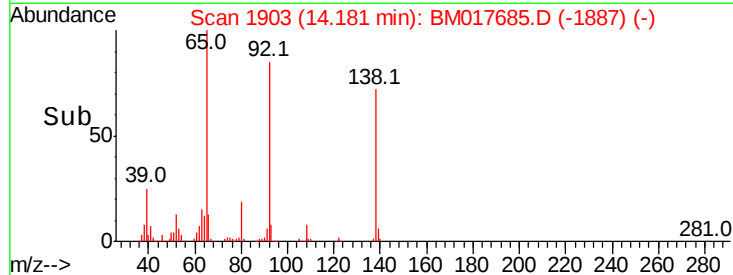
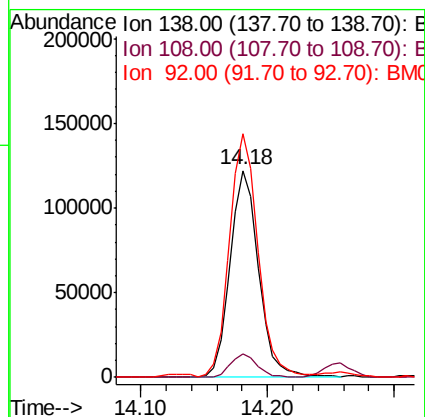
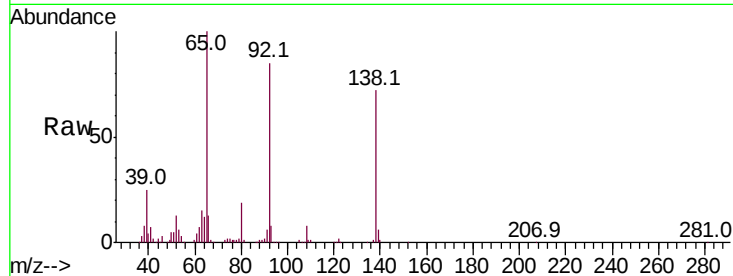
#53
3-Nitroaniline
Concen: 16.852 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	189871		
108	11.6	8.2	12.2	
92	117.6	95.4	143.2	

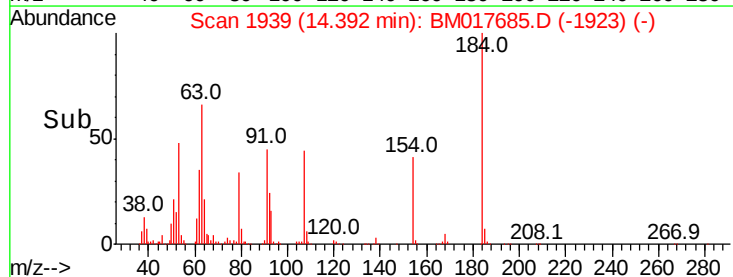
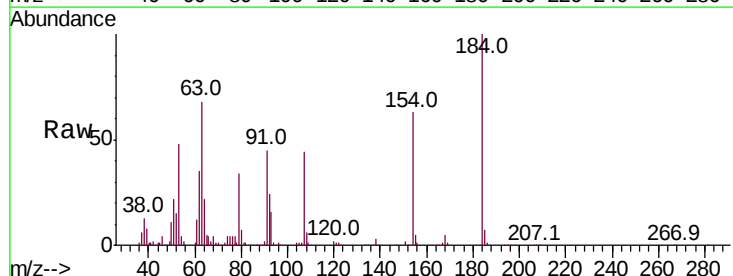
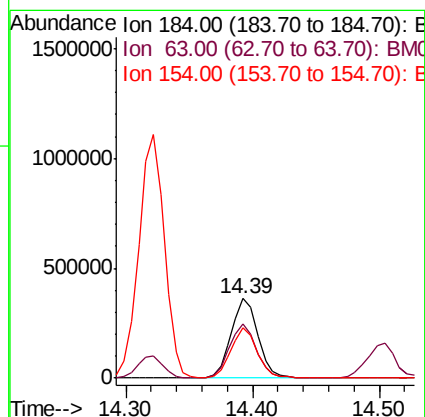
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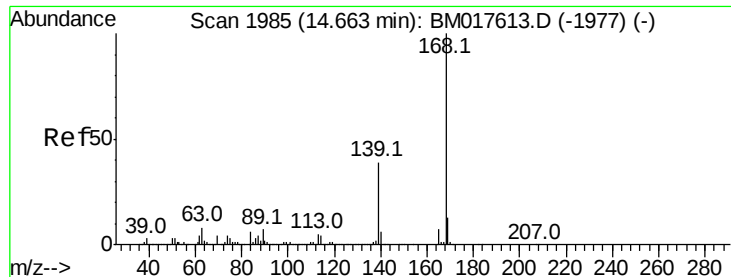
Sohil
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#54
2,4-Dinitrophenol
Concen: 83.961 ng
RT: 14.39 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	532915		
63	68.4	55.1	82.7	
154	62.7	51.3	76.9	





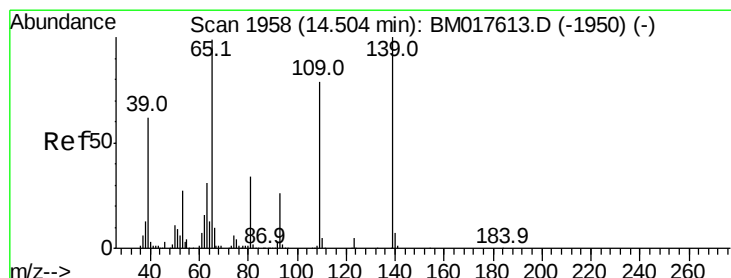
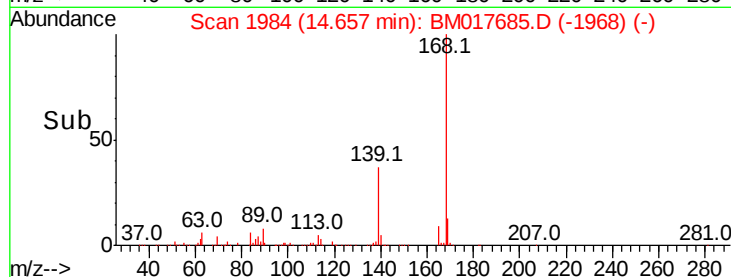
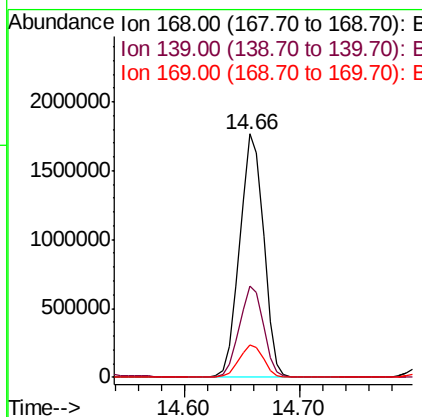
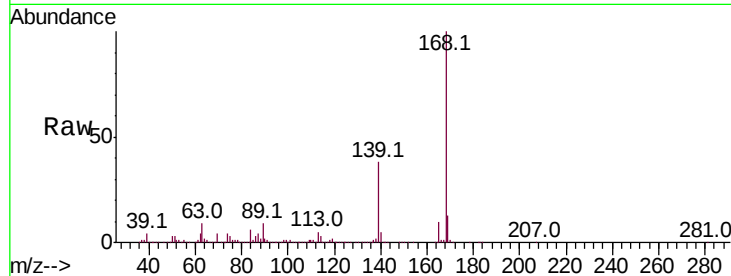
#55
Dibenzofuran
Concen: 44.323 ng
RT: 14.66 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.7	31.0	46.6
169	13.4	10.6	16.0

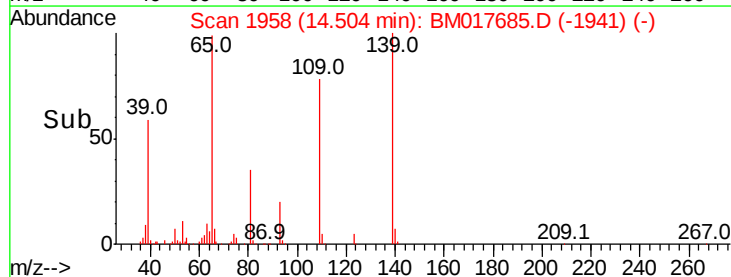
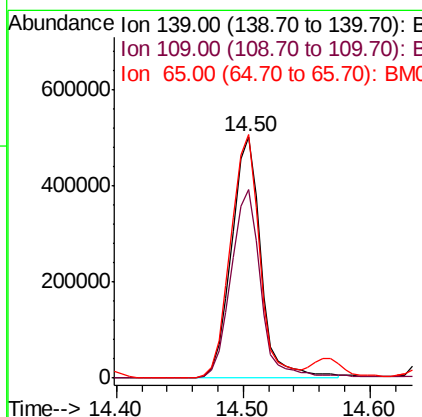
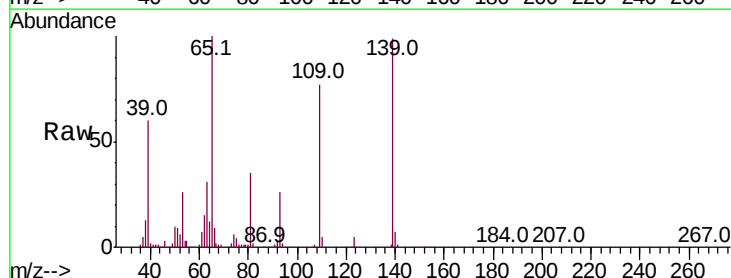
Manual Integrations
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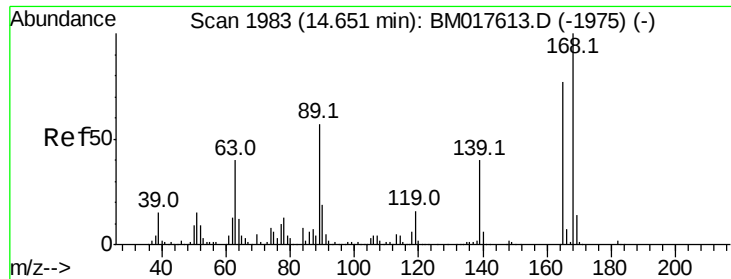
Sohil
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#56
4-Nitrophenol
Concen: 84.553 ng
RT: 14.50 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.1	58.6	98.6
65	100.8	79.5	119.5





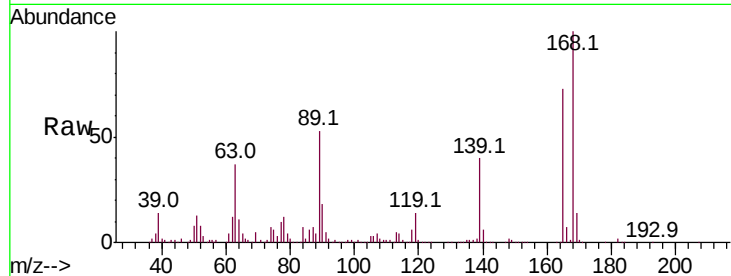
#57
2,4-Dinitrotoluene
Concen: 48.950 ng
RT: 14.65 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

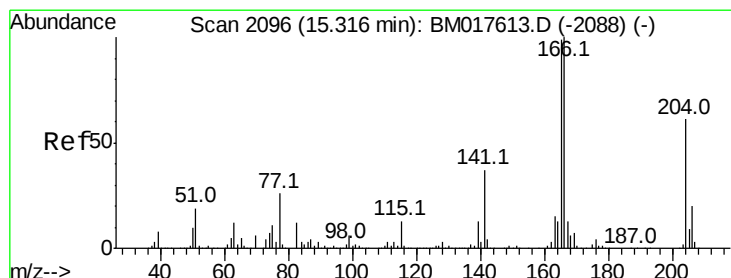
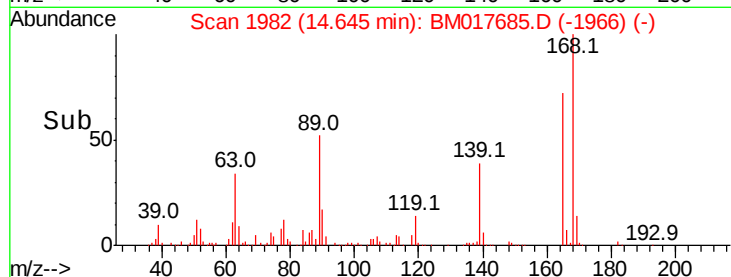
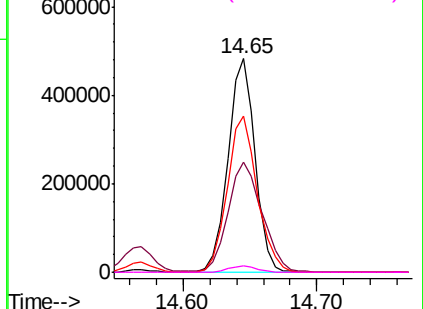
Tot Ion	Ratio	Resp	Lower	Upper
165	100	682842		
63	51.5	41.8	62.8	
89	73.0	59.5	89.3	
182	2.9	2.3	3.5	

Manual Integrations
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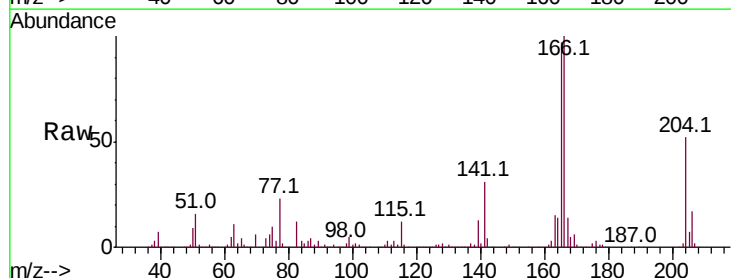


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

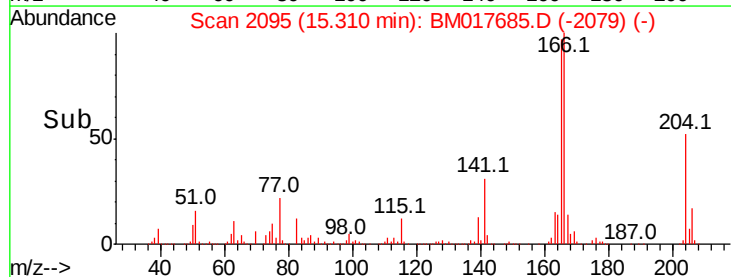
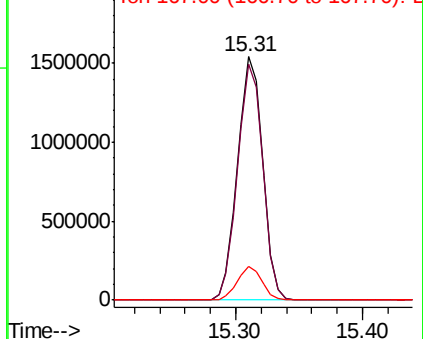


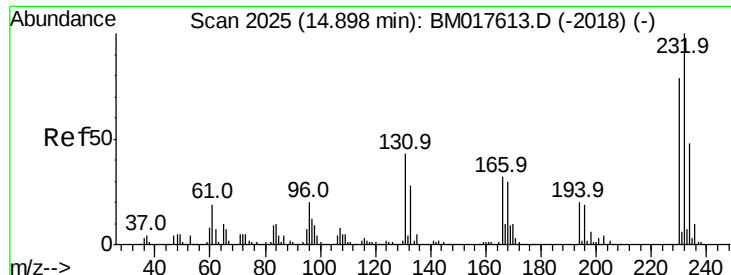
#58
Fluorene
Concen: 47.941 ng
RT: 15.31 min Scan# 2095
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2106165		
165	97.1	79.0	118.6	
167	13.9	10.8	16.2	



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





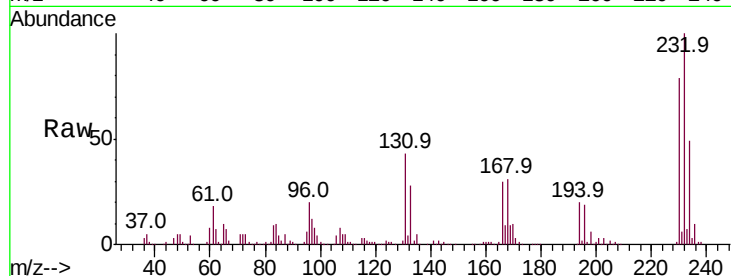
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.732 ng
 RT: 14.89 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	597529		
131	44.7		34.8	52.2
130	2.3		1.9	2.9
166	31.2		25.3	37.9

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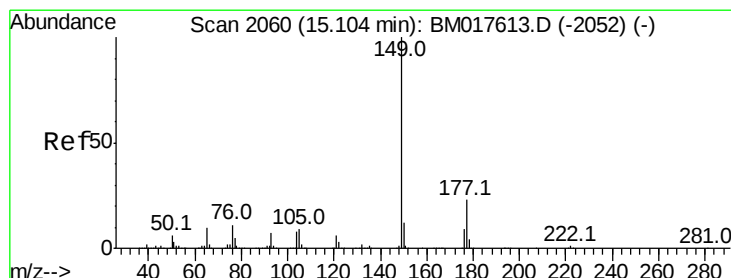
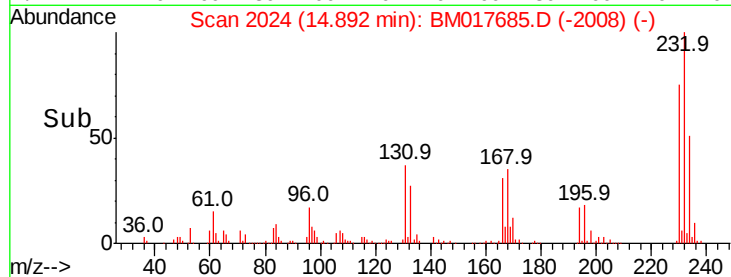
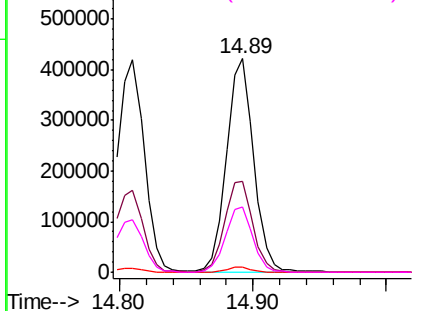
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

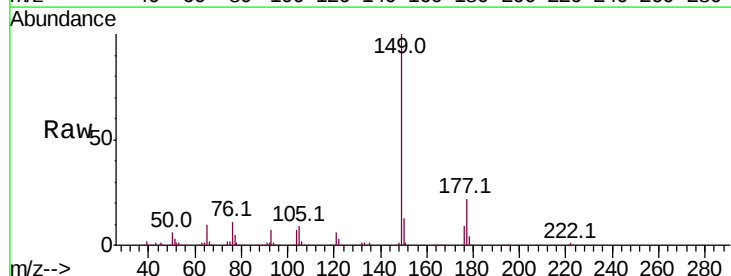
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 43.237 ng
 RT: 15.10 min Scan# 2059
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2171119		
177	21.9		18.1	27.1
150	12.5		9.9	14.9

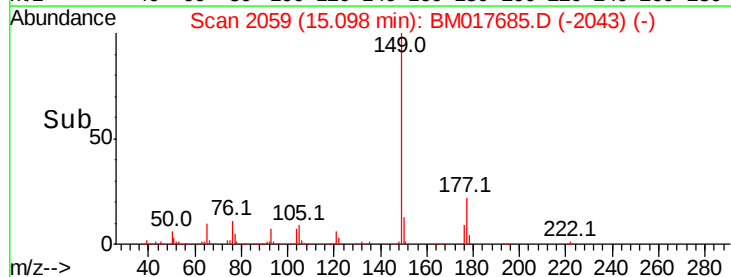
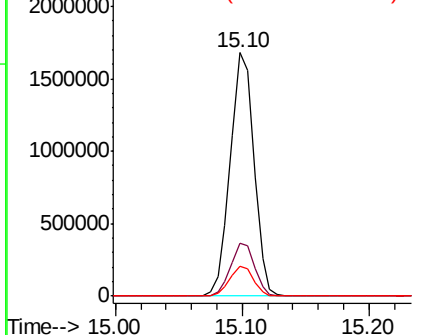


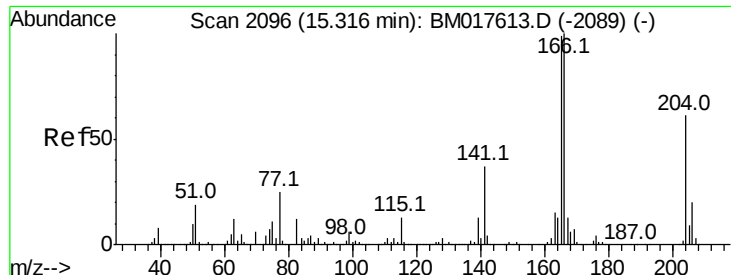
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





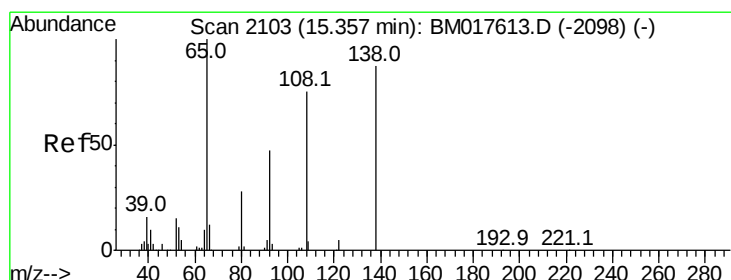
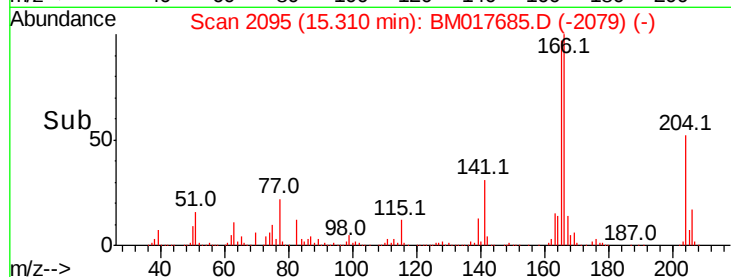
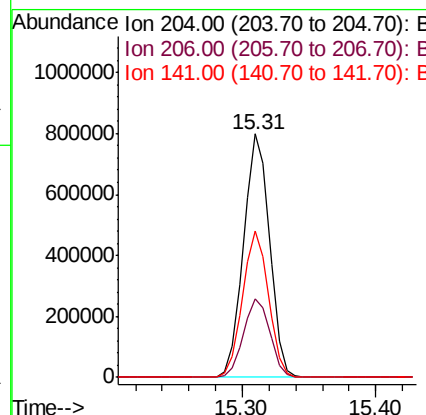
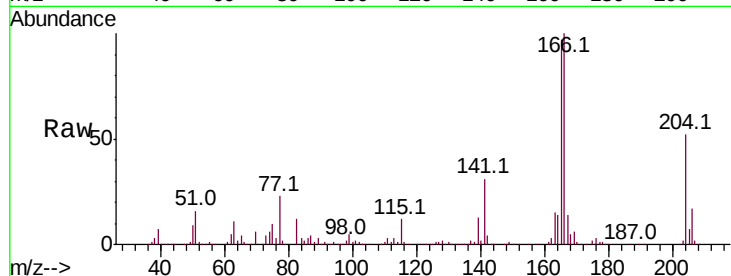
#61
 4-Chlorophenyl-phenylether
 Concen: 43.006 ng
 RT: 15.31 min Scan# 2095
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Tot Ion:204 Resp: 1073429
 Ion Ratio Lower Upper
 204 100
 206 32.3 25.9 38.9
 141 59.9 47.9 71.9

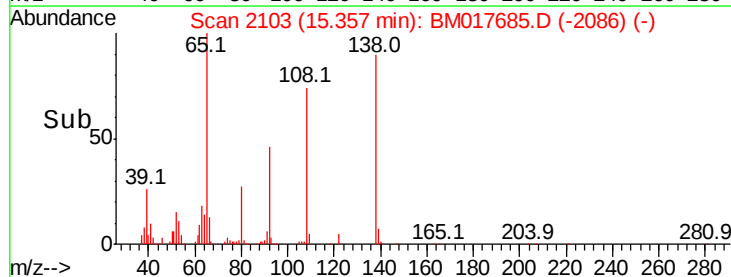
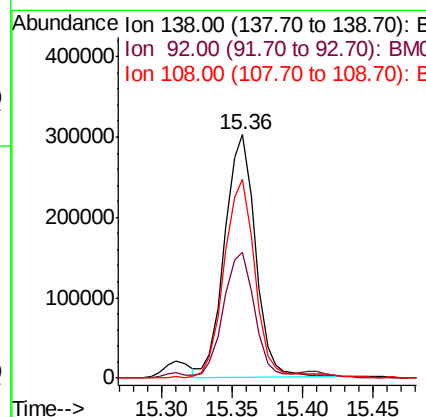
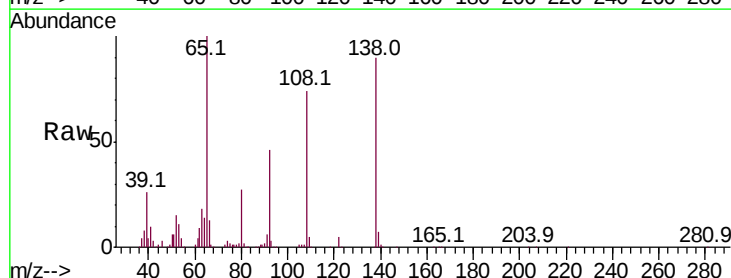
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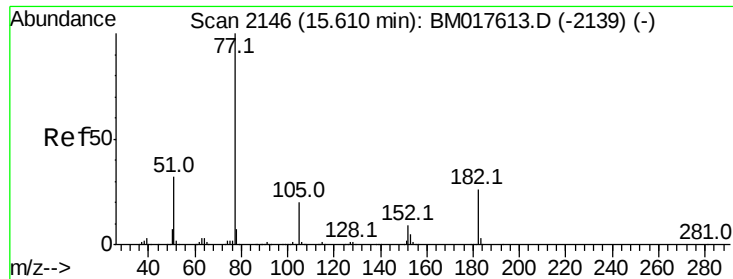
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#62
 4-Nitroaniline
 Concen: 43.151 ng
 RT: 15.36 min Scan# 2103
 Delta R.T. 0.00 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Tgt Ion:138 Resp: 458200
 Ion Ratio Lower Upper
 138 100
 92 51.5 33.4 73.4
 108 81.8 64.3 104.3





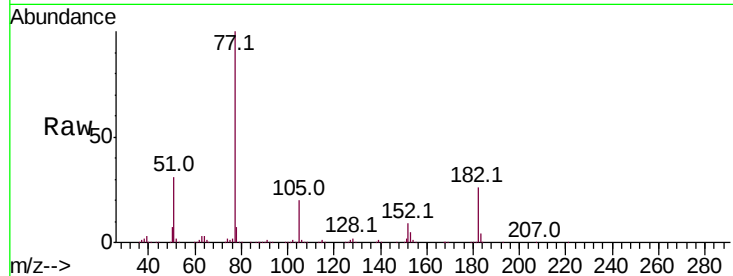
#63
Azobenzene
Concen: 45.010 ng
RT: 15.60 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

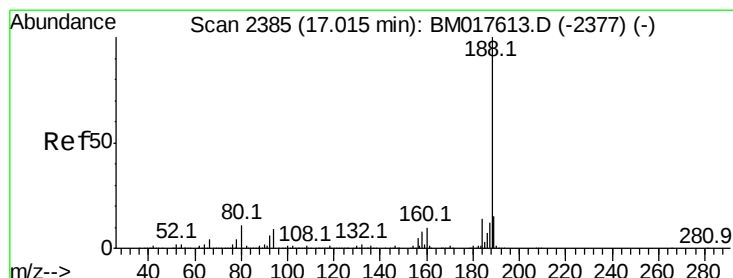
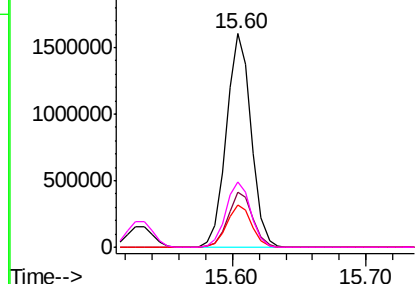
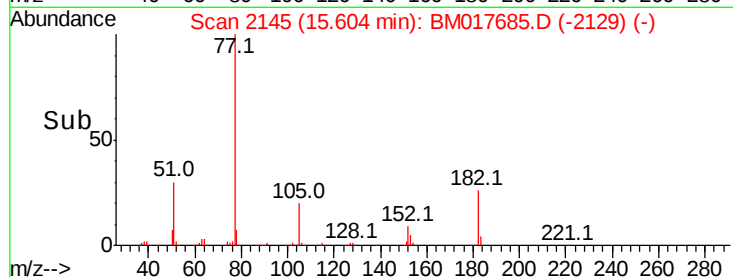
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.6	5.8	45.8
105	19.9	0.0	40.0
51	30.7	12.5	52.5

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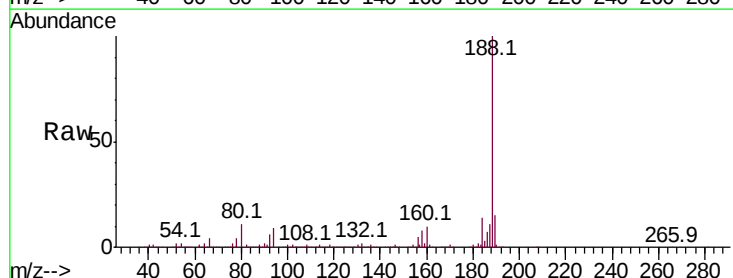


Abundance Ion 77.00 (76.70 to 77.70): BM017685.D (-2129) (-)
Ion 182.00 (181.70 to 182.70): BM017685.D (-2129) (-)
Ion 105.00 (104.70 to 105.70): BM017685.D (-2129) (-)
Ion 51.00 (50.70 to 51.70): BM017685.D (-2129) (-)

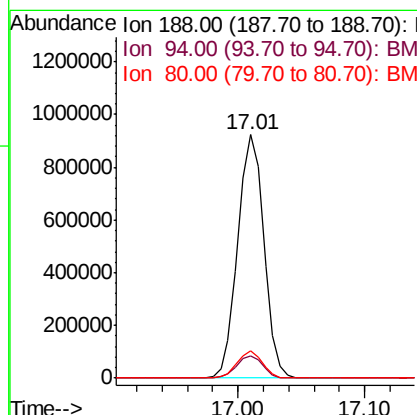
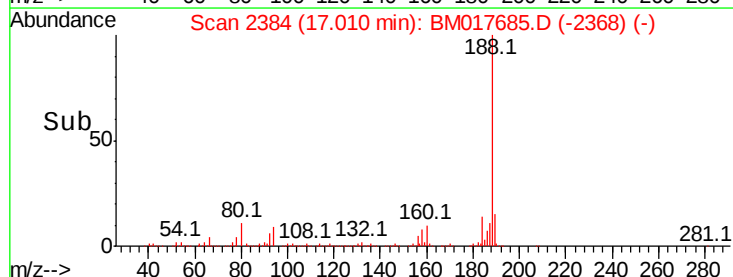


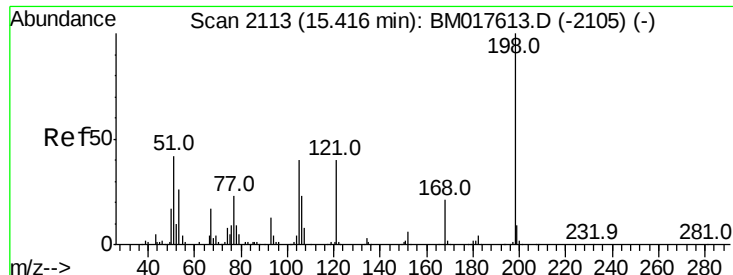
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.5	11.3
80	11.0	8.6	13.0



Abundance Ion 188.00 (187.70 to 188.70): BM017685.D (-2368) (-)
Ion 94.00 (93.70 to 94.70): BM017685.D (-2368) (-)
Ion 80.00 (79.70 to 80.70): BM017685.D (-2368) (-)





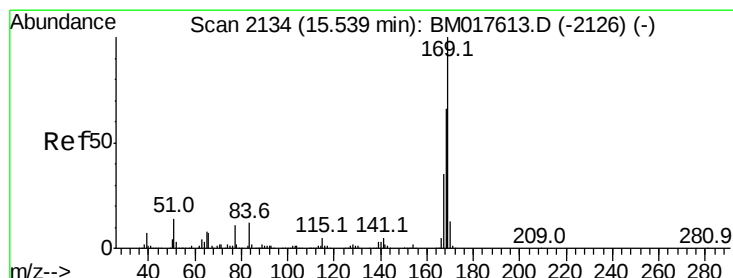
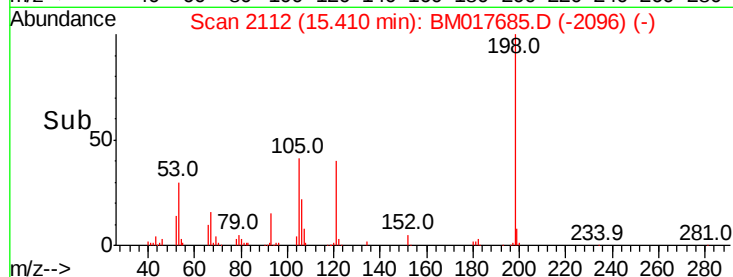
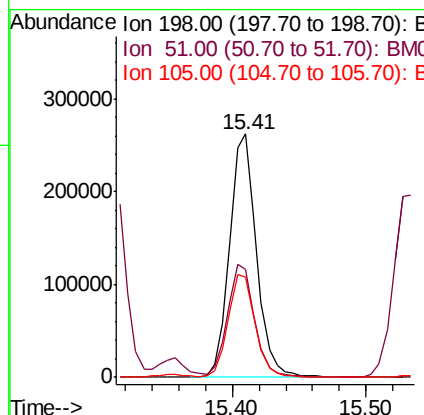
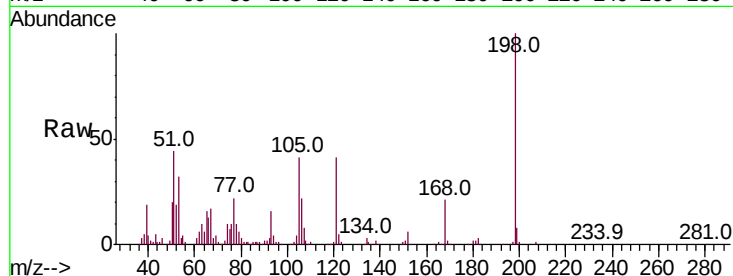
#65
4,6-Dinitro-2-methylphenol
Concen: 40.655 ng
RT: 15.41 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	370535		
51	44.2	25.9	65.9	
105	41.3	20.6	60.6	

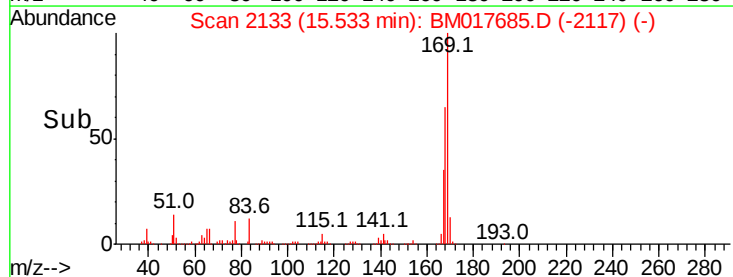
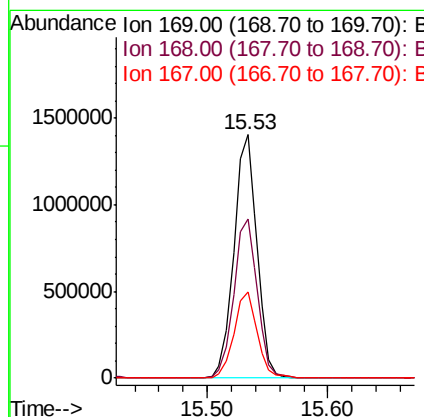
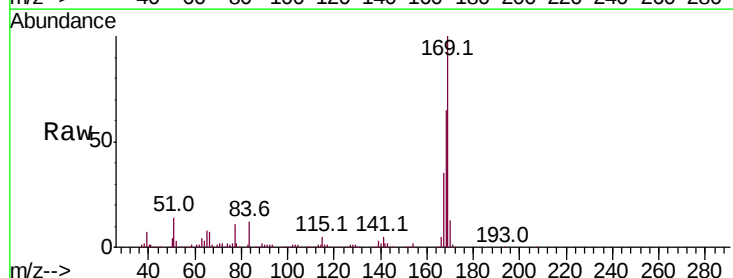
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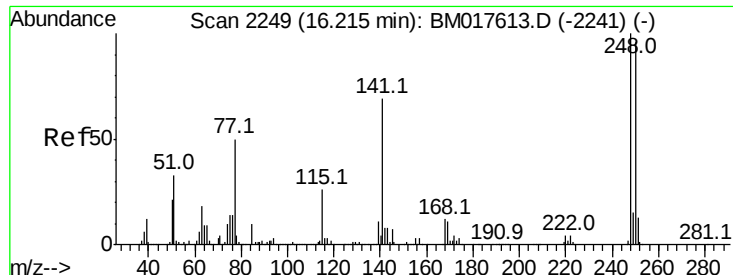
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#66
n-Nitrosodiphenylamine
Concen: 43.881 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1856137		
168	65.1	53.0	79.6	
167	35.2	28.0	42.0	





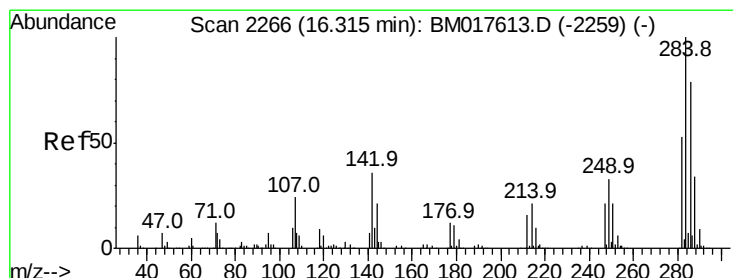
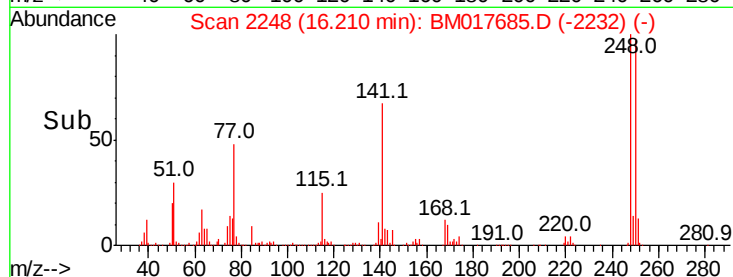
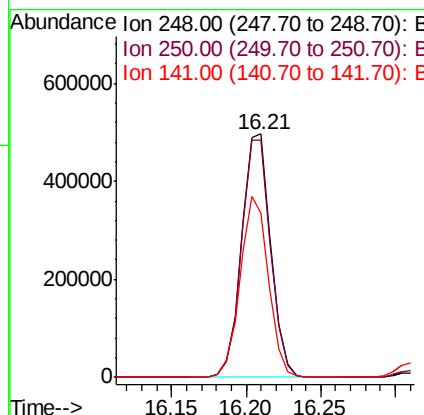
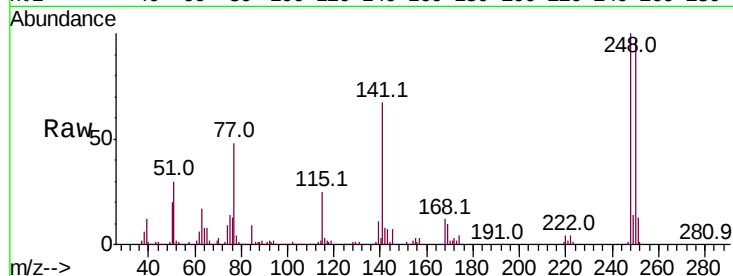
#67
4-Bromophenyl-phenylether
Concen: 42.923 ng
RT: 16.21 min Scan# 2248
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	76.5	114.7
141	67.4	54.9	82.3

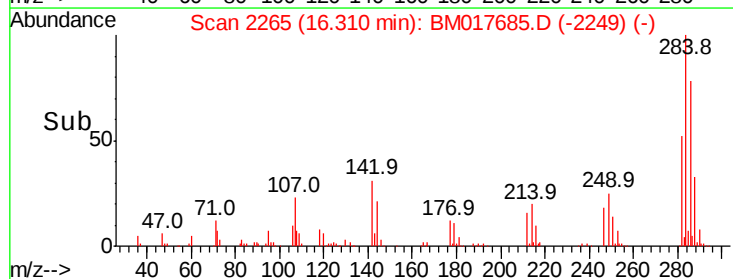
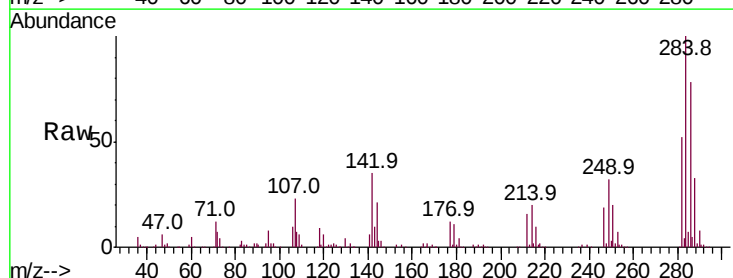
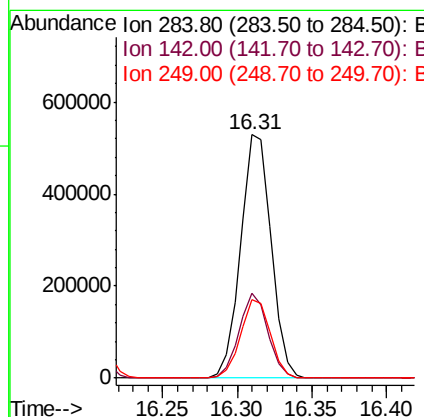
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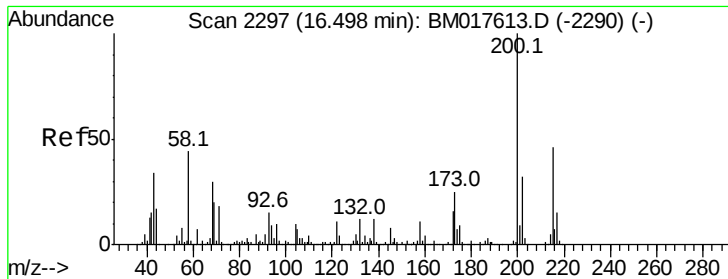
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#68
Hexachlorobenzene
Concen: 42.622 ng
RT: 16.31 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.4	42.6
249	32.4	26.4	39.6





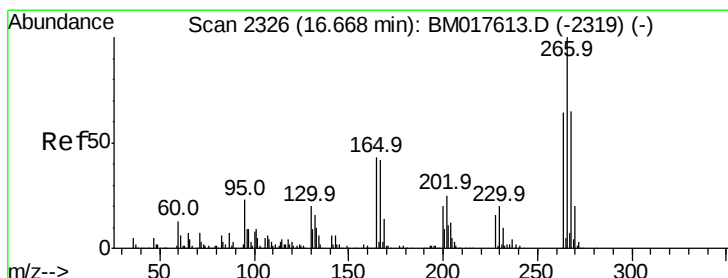
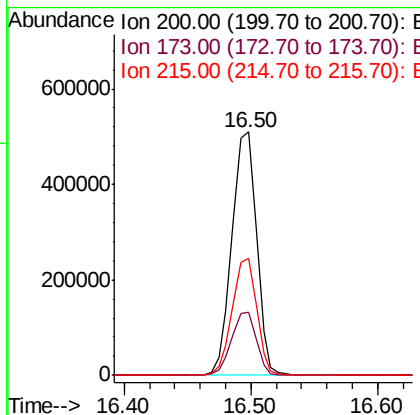
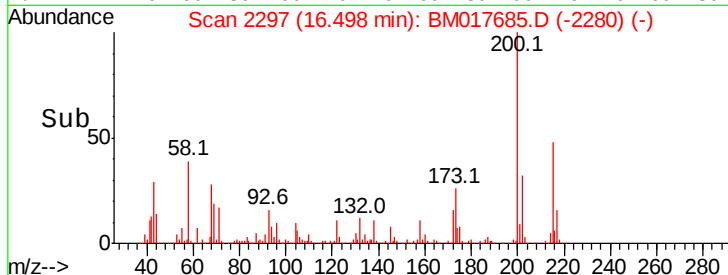
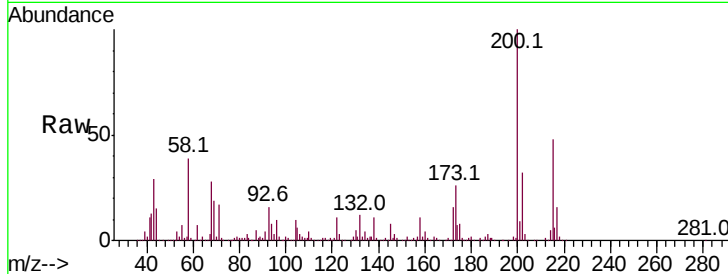
#69
Atrazine
Concen: 44.050 ng
RT: 16.50 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.7	5.1	45.1
215	47.9	25.8	65.8

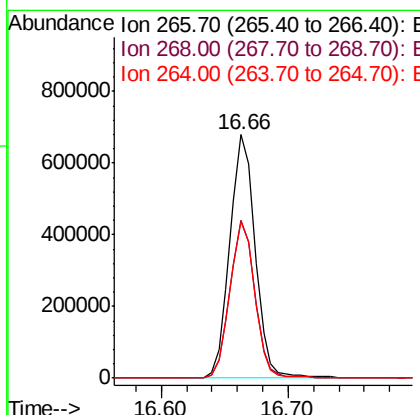
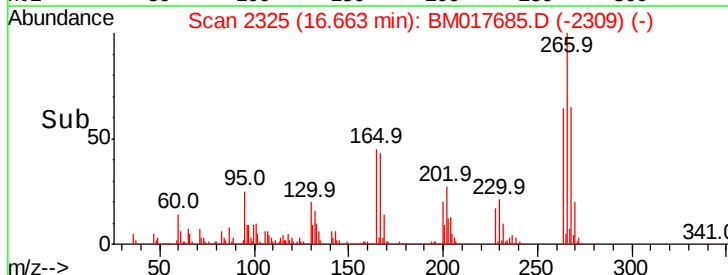
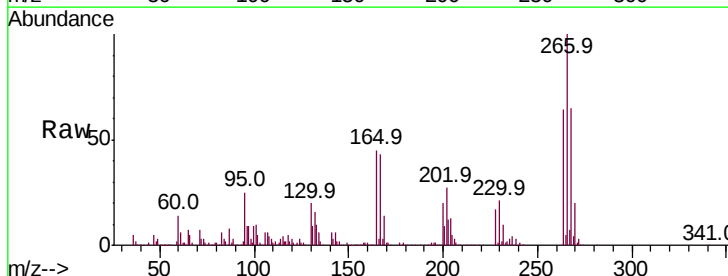
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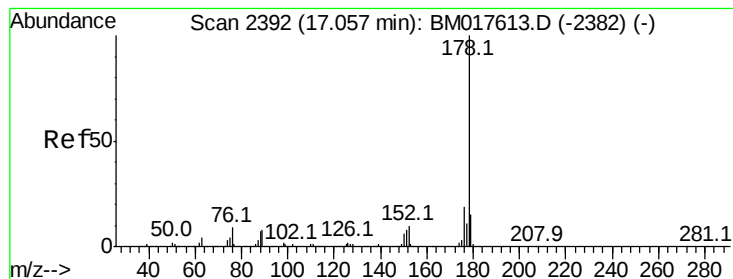
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#70
Pentachlorophenol
Concen: 76.471 ng
RT: 16.66 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.8	51.7	77.5
264	64.3	51.3	76.9





#71

Phenanthrene

Concen: 46.933 ng

RT: 17.05 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

ClientSampleId :

PB114860BSD

Tot Ion:178 Resp: 3350544

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

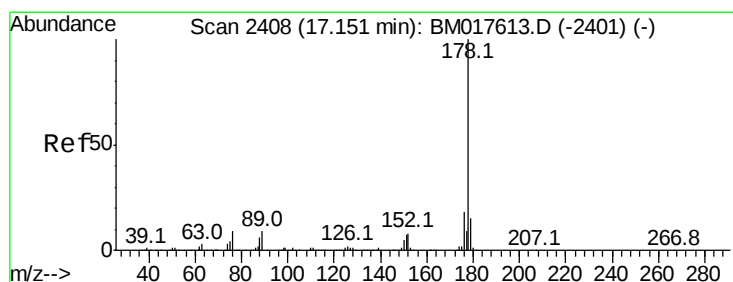
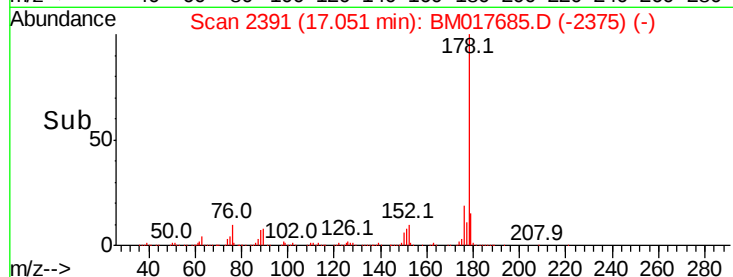
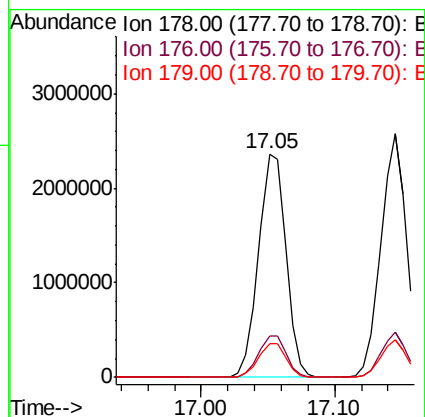
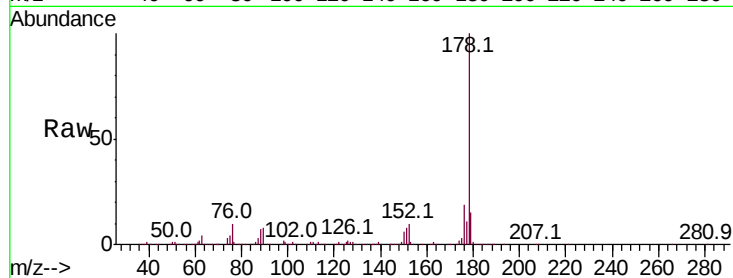
179 15.3 12.4 18.6

Manual Integrations

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#72

Anthracene

Concen: 49.323 ng

RT: 17.15 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

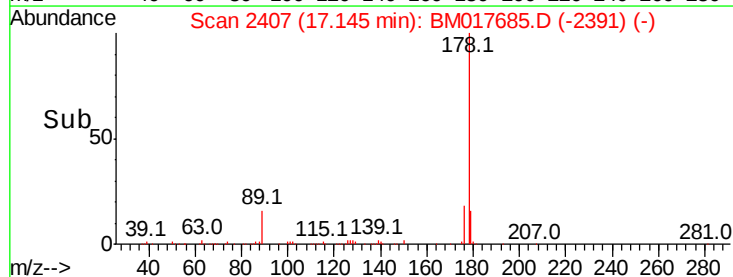
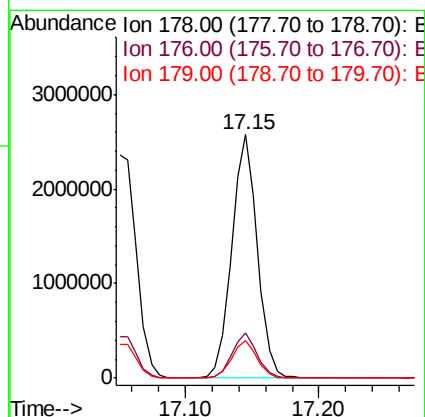
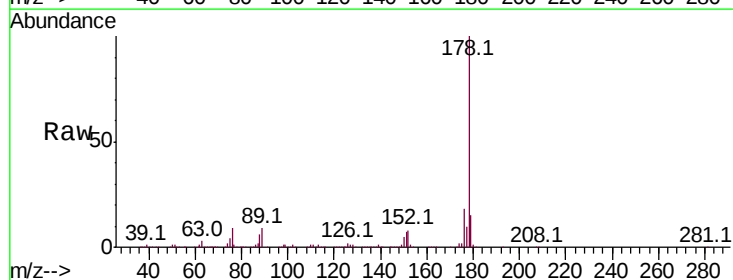
Tgt Ion:178 Resp: 3426341

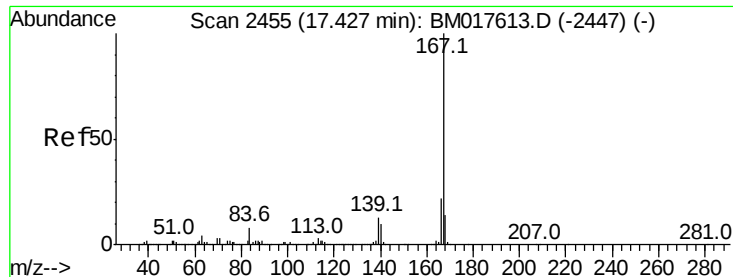
Ion Ratio Lower Upper

178 100

176 18.5 14.5 21.7

179 15.3 12.3 18.5





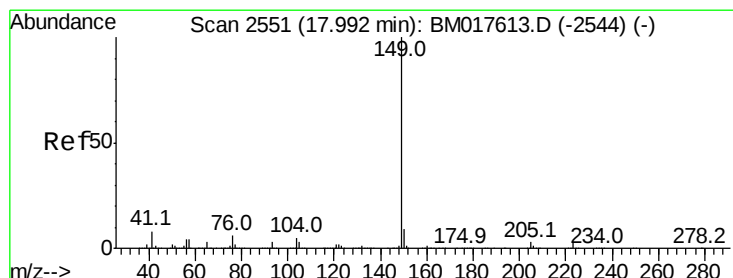
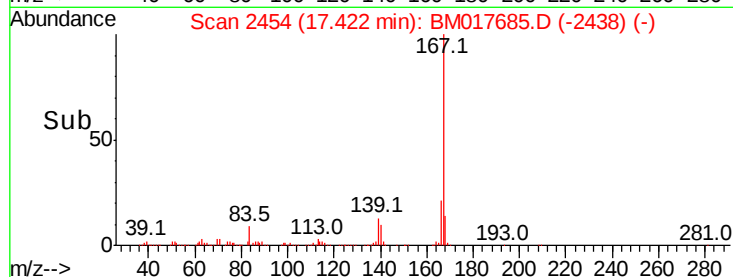
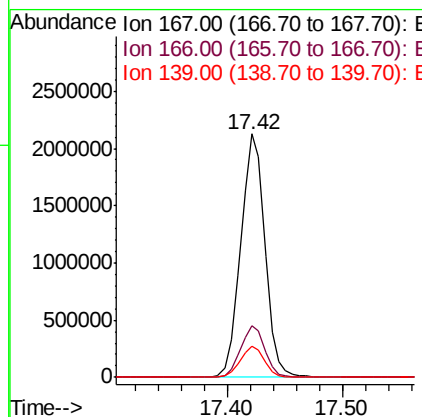
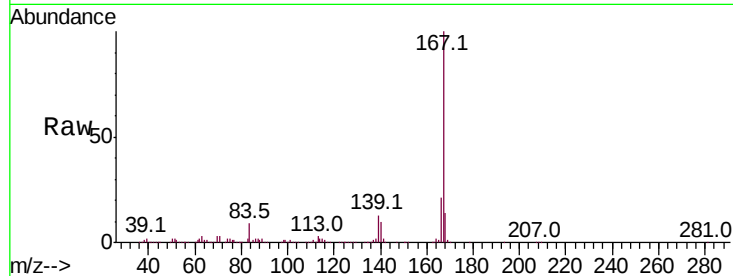
#73
 Carbazole
 Concen: 43.969 ng
 RT: 17.42 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.8	10.2	15.4

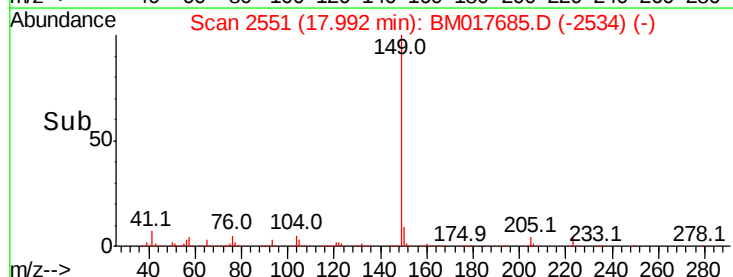
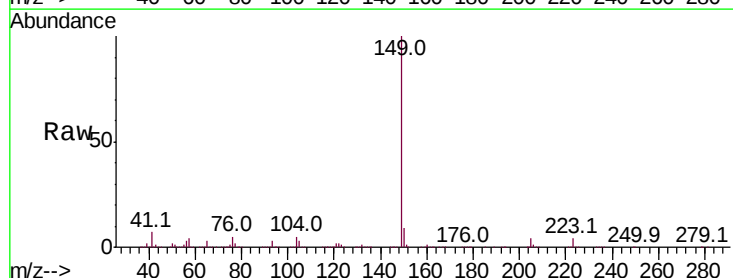
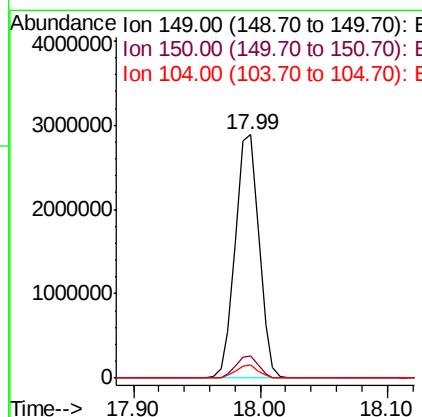
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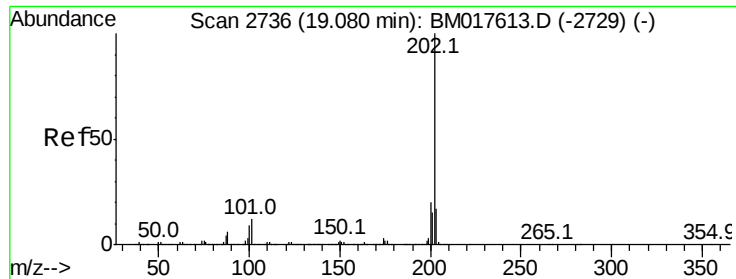
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 11/19/2018 3:07:37 PM



#74
 Di-n-butylphthalate
 Concen: 47.550 ng
 RT: 17.99 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 48.312 ng

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

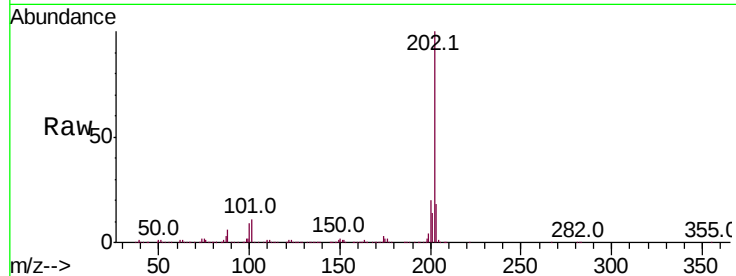
ClientSampleId :

PB114860BSD

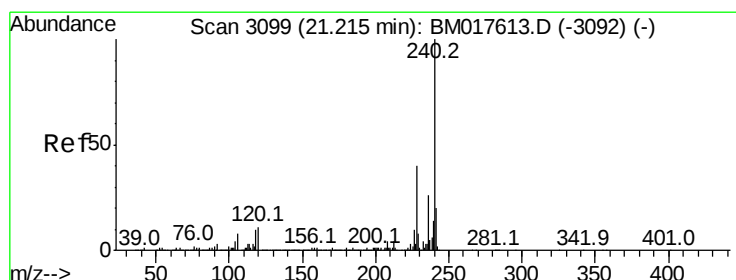
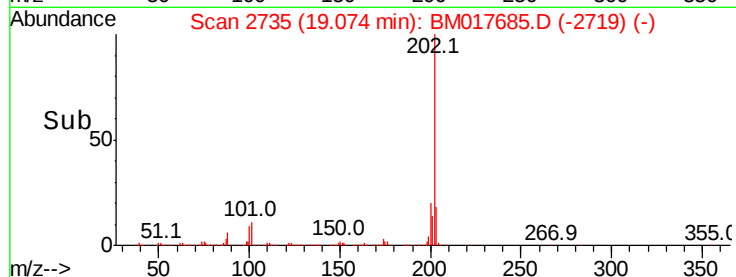
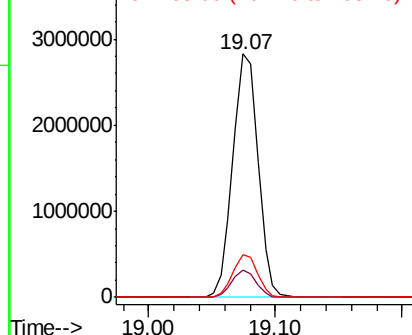
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.5
203	17.5	0.0	37.2

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



#76

Chrysene-d12

Concen: 20.000 ng

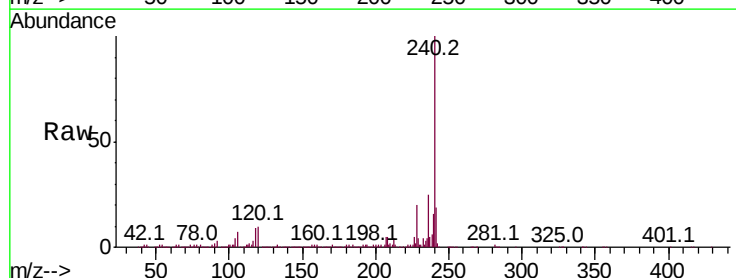
RT: 21.22 min Scan# 3099

Delta R.T. 0.00 min

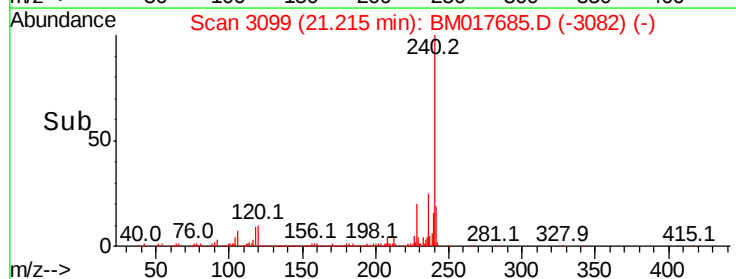
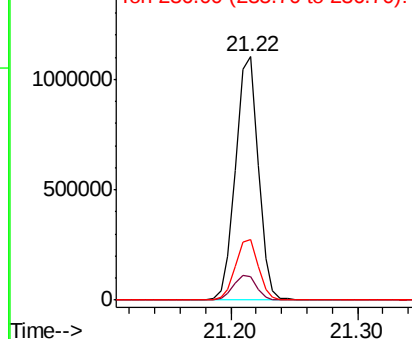
Lab File: BM017685.D

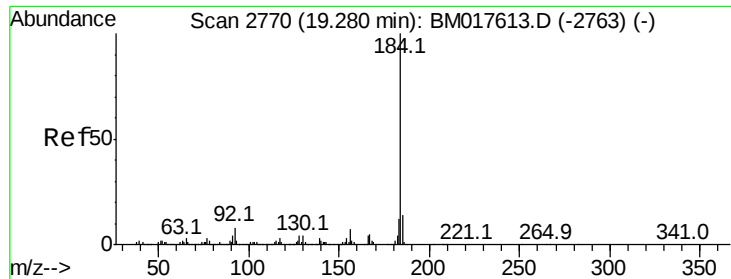
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.5	12.7
236	25.0	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.342 ng

RT: 19.28 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

ClientSampleId :

PB114860BSD

Tot Ion:184 Resp: 1122095

Ion Ratio Lower Upper

184 100

185 13.7 11.2 16.8

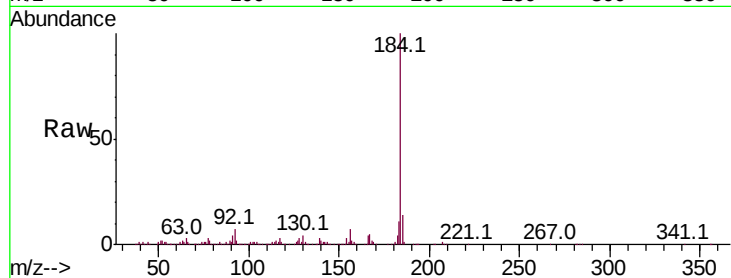
183 11.2 9.5 14.3

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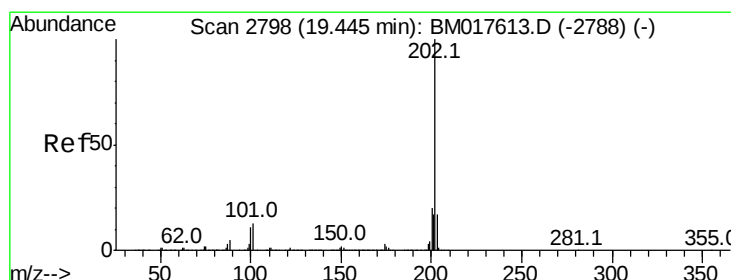
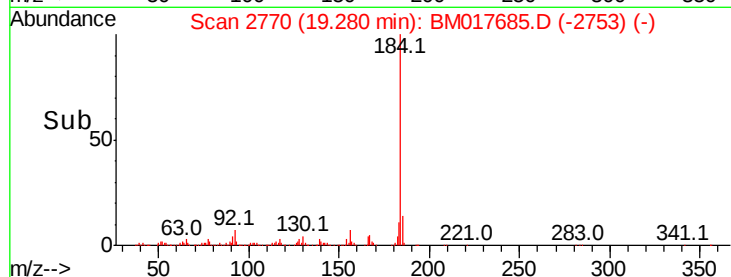
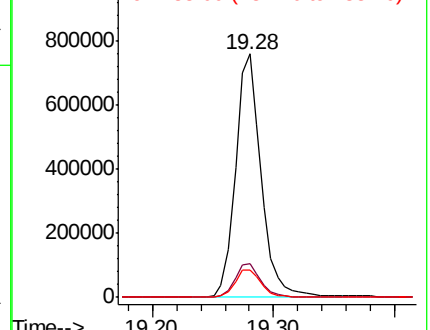


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.376 ng

RT: 19.44 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

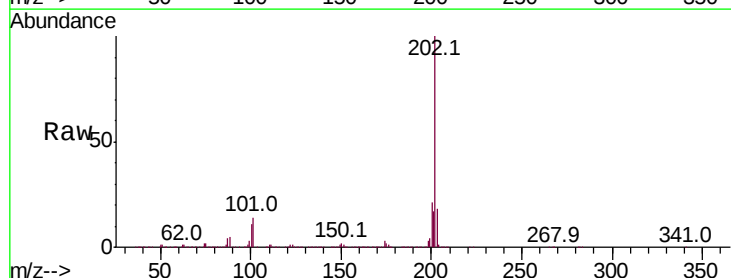
Tgt Ion:202 Resp: 3974764

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

203 17.7 13.8 20.8

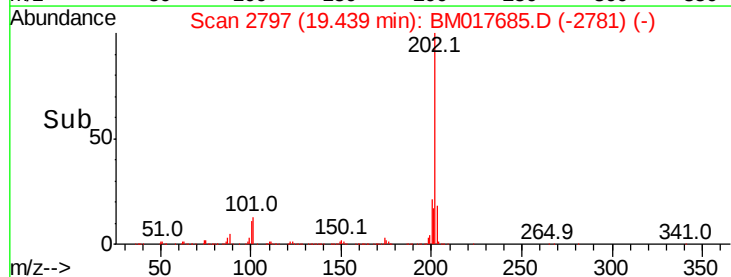
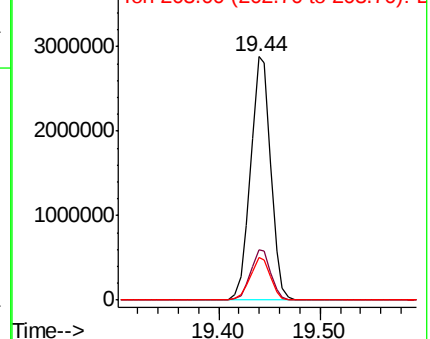


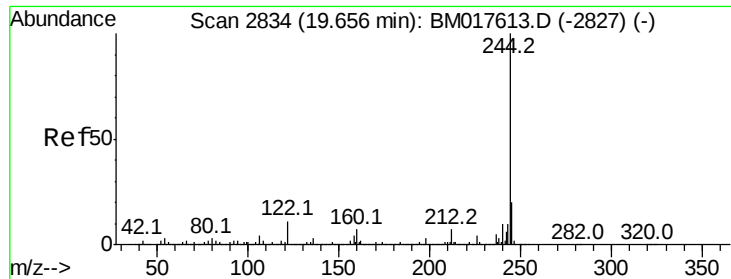
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





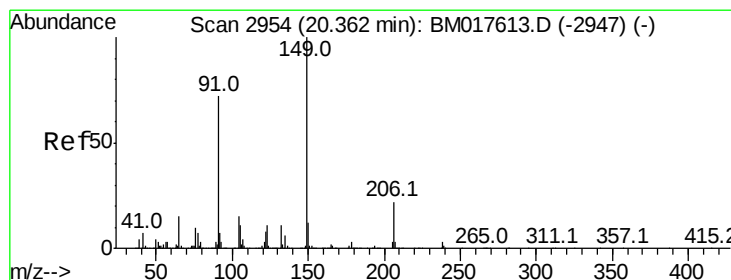
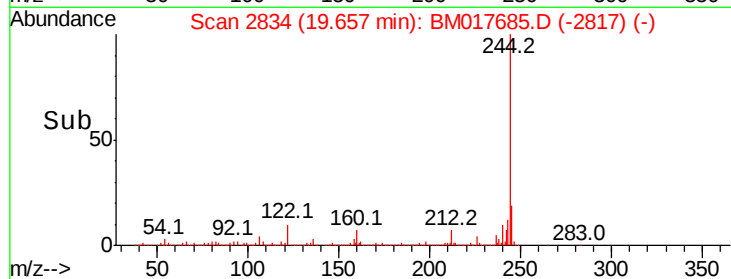
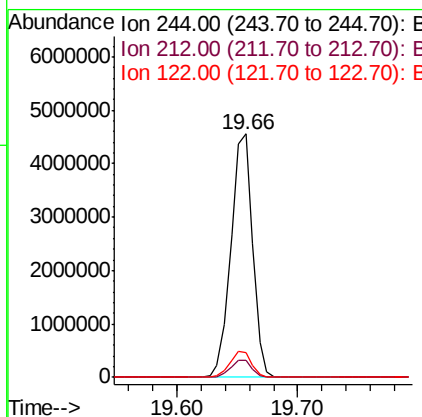
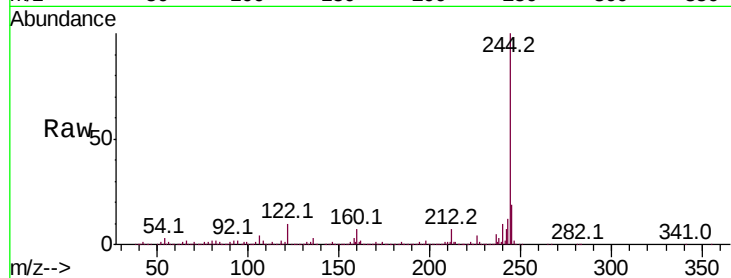
#79
 Terphenyl-d14
 Concen: 94.998 ng
 RT: 19.66 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	9.9	9.0	13.6

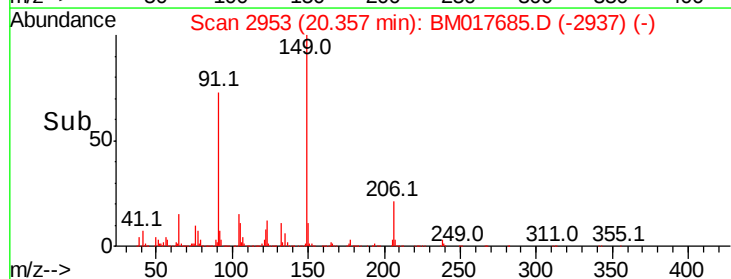
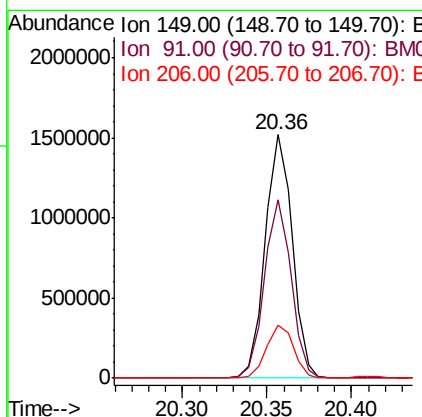
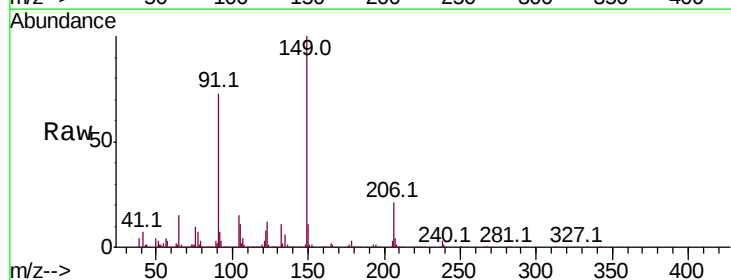
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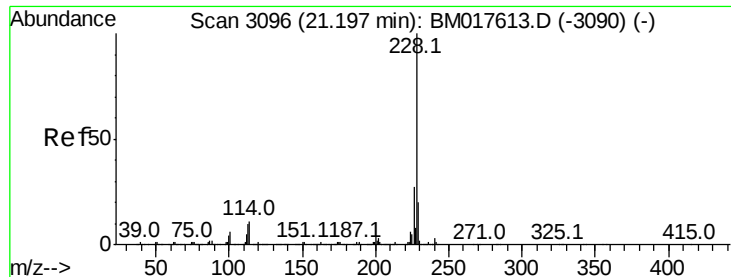
Sohil
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#80
 Butylbenzylphthalate
 Concen: 49.240 ng
 RT: 20.36 min Scan# 2953
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.1	57.6	86.4
206	21.5	17.4	26.0





#81

Benzo(a)anthracene

Concen: 47.914 ng

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

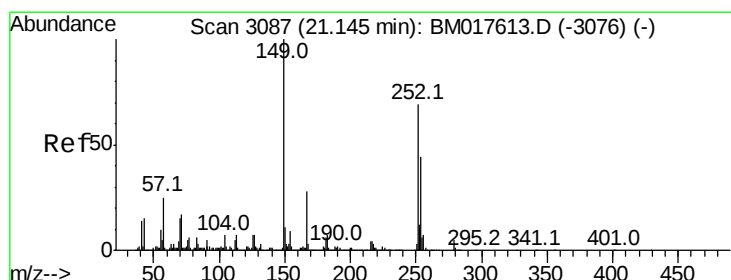
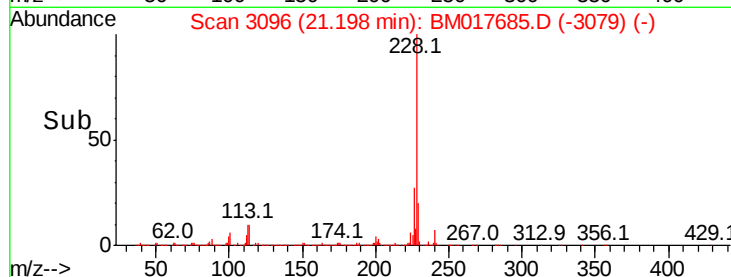
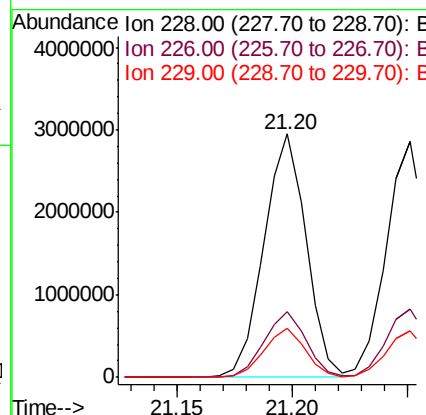
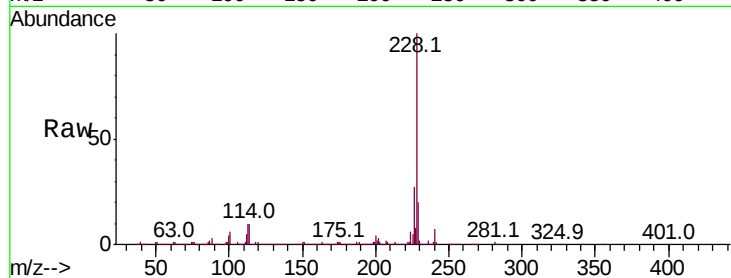
ClientSampleId :

PB114860BSD

Tot Ion:	228	Resp:	3753437
Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.3	31.9
229	20.3	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 22.451 ng

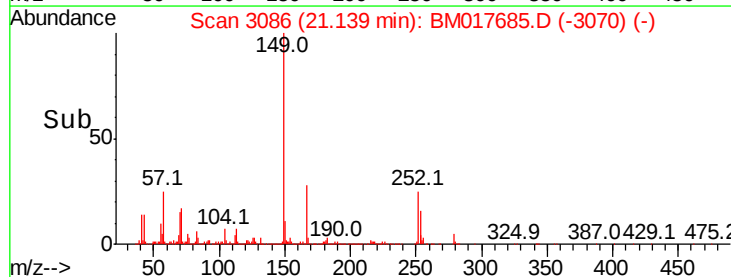
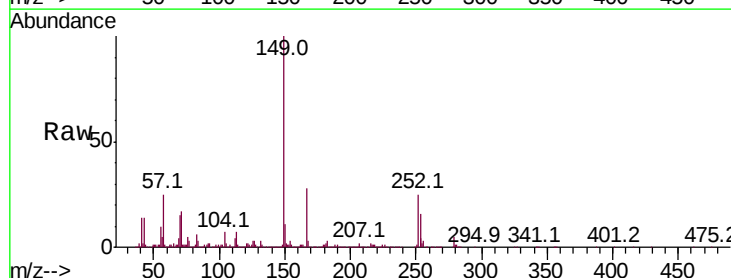
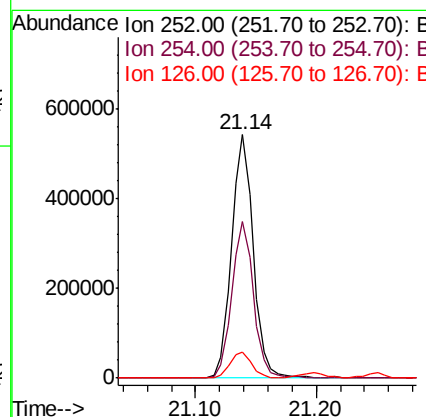
RT: 21.14 min Scan# 3086

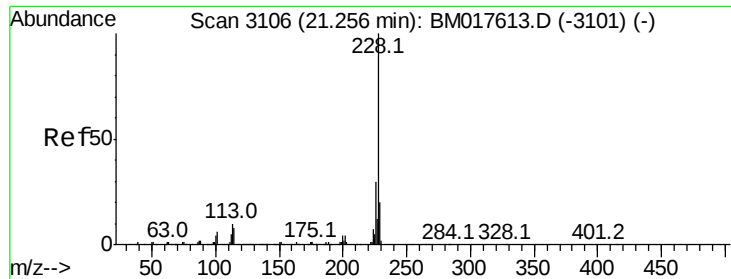
Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Tgt Ion:	252	Resp:	678772
Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.4	77.2
126	10.4	8.0	12.0





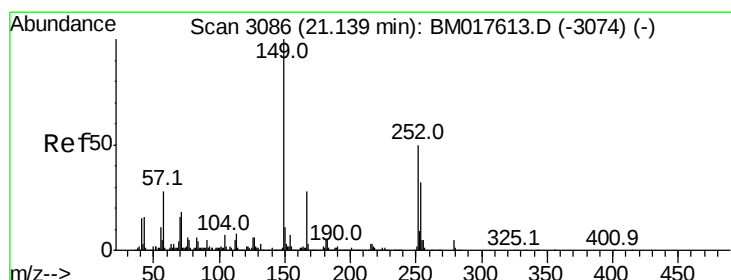
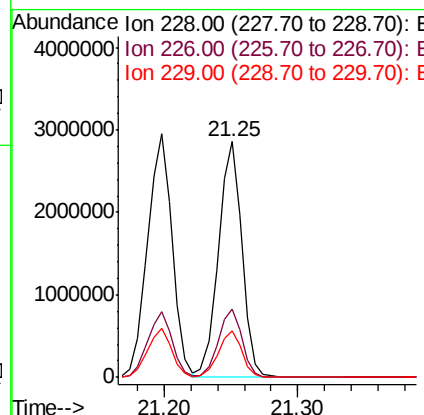
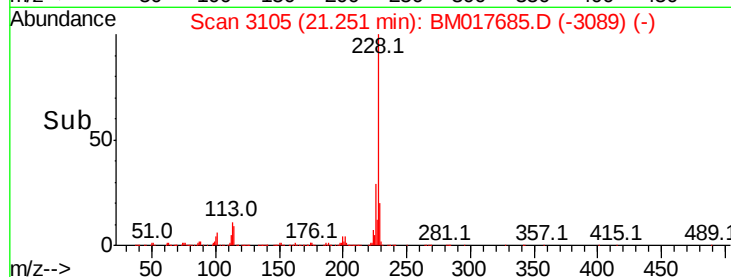
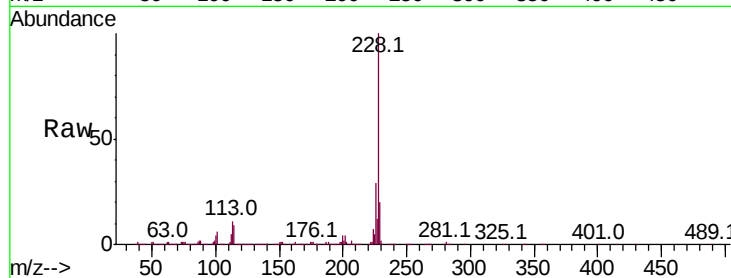
#83
Chrysene
Concen: 46.351 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion:228 Resp: 3526708
Ion Ratio Lower Upper
228 100
226 29.3 23.6 35.4
229 19.6 15.8 23.6

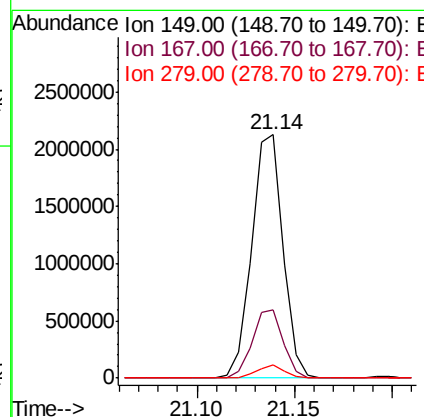
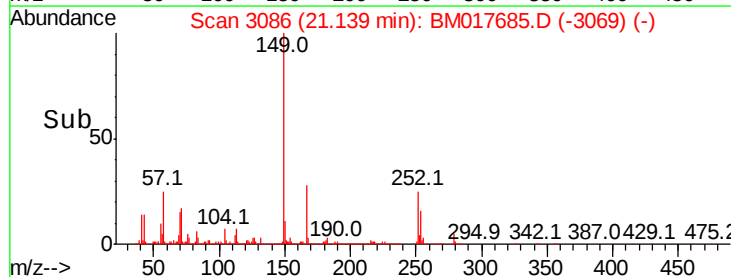
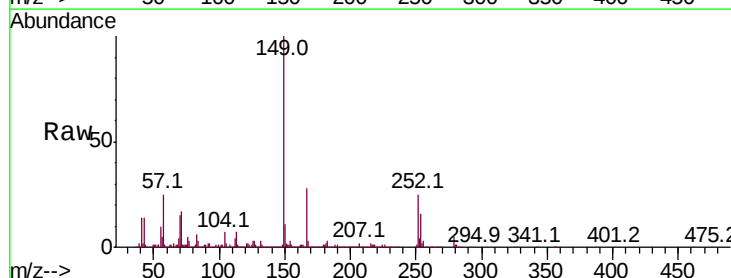
Manual Integrations
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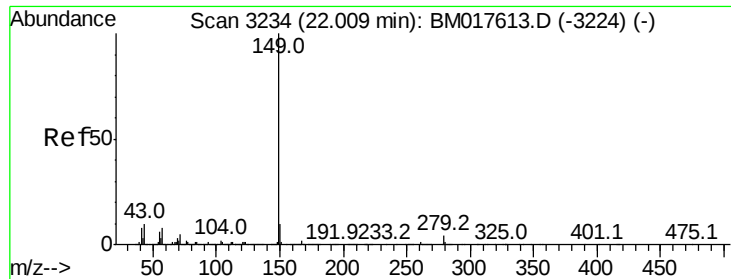
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.720 ng
RT: 21.14 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion:149 Resp: 2353519
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.4
279 5.2 3.7 5.5





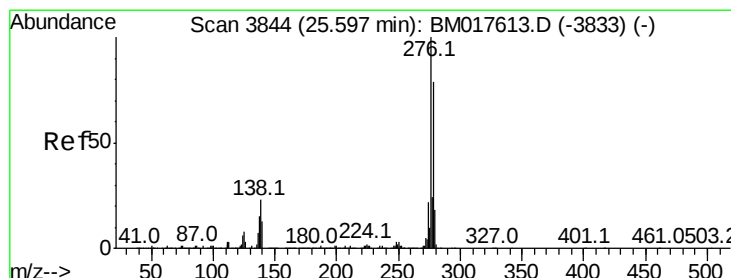
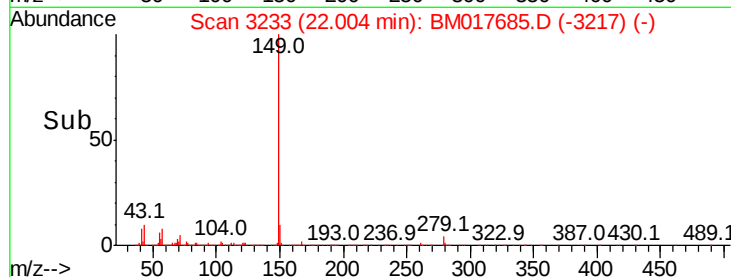
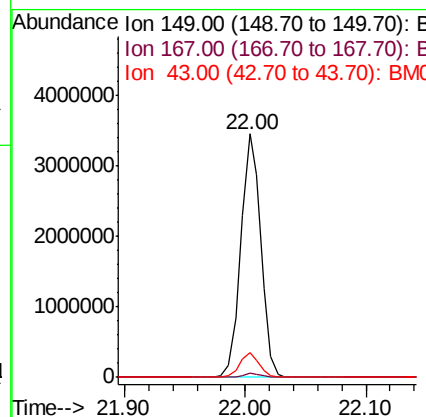
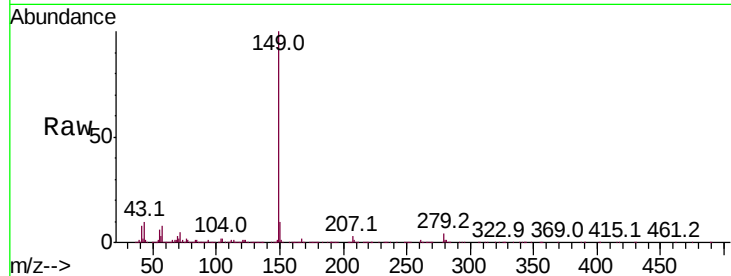
#85
Di-n-octyl phthalate
Concen: 49.392 ng
RT: 22.00 min Scan# 3233
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	8.3	12.5

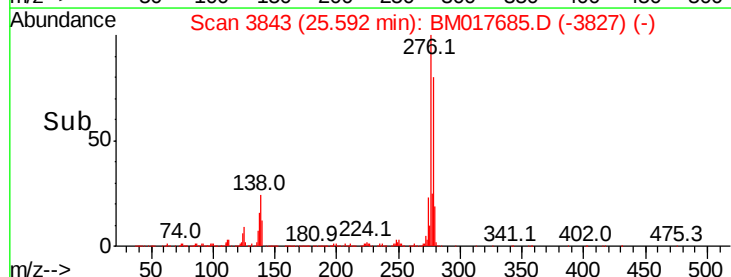
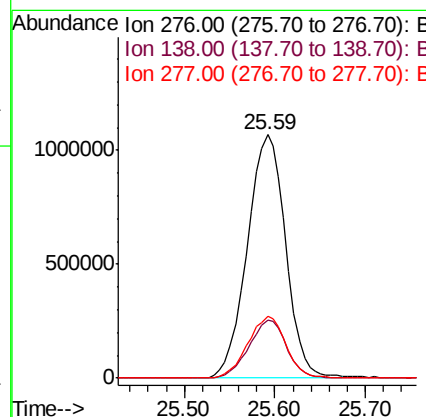
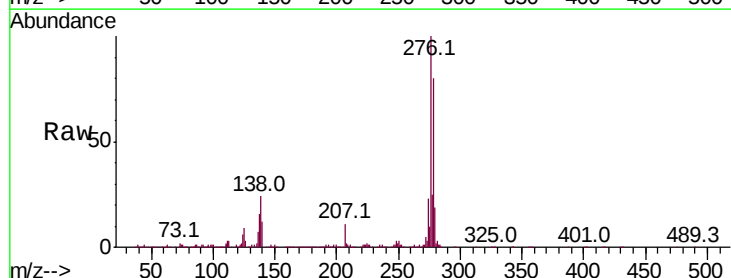
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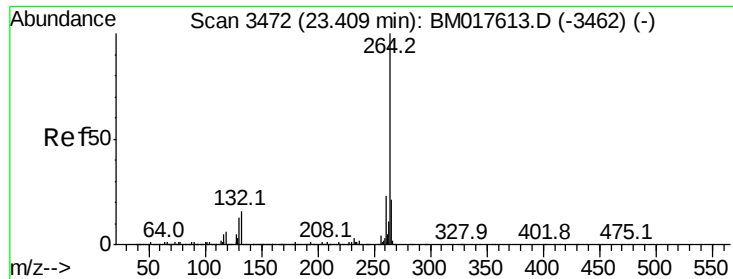
Sohil
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#86
Indeno(1,2,3-cd)pyrene
Concen: 51.599 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.1	28.7
277	25.2	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.40 min Scan# 3471

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

Instrument :

BNA_M

ClientSampleId :

PB114860BSD

Tot Ion:264 Resp: 1175474

Ion Ratio Lower Upper

264 100

260 23.1 18.2 27.2

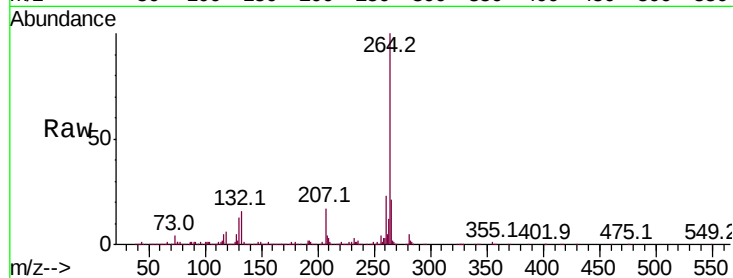
265 21.5 17.5 26.3

Manual Integrations

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Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

800000

600000

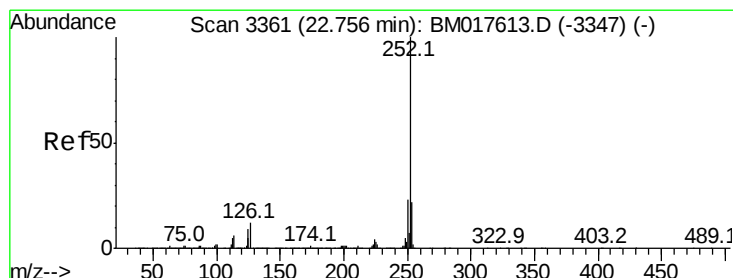
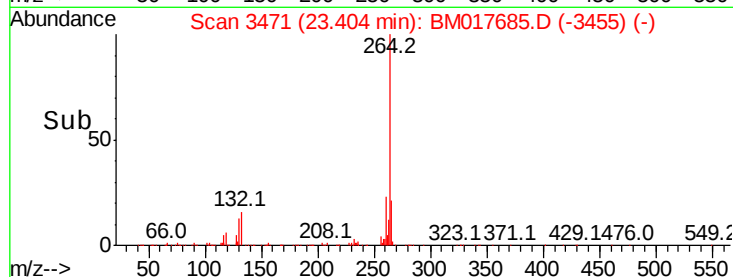
400000

200000

0

23.30 23.40 23.50

Time-->



#88

Benzo(b)fluoranthene

Concen: 50.593 ng

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM017685.D

Acq: 16 Nov 2018 17:55

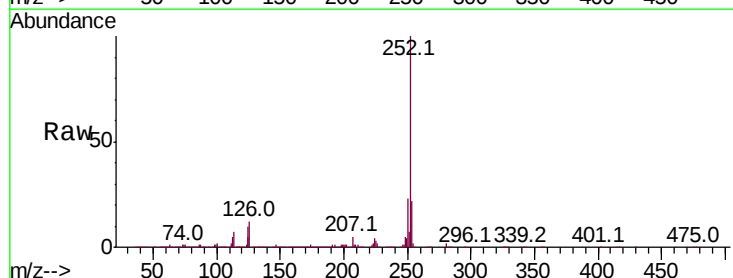
Tgt Ion:252 Resp: 3482803

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 9.7 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

2500000

2000000

1500000

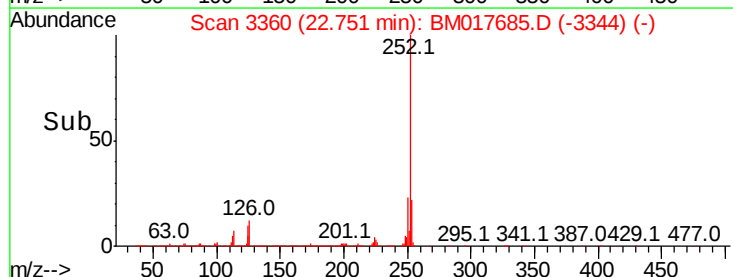
1000000

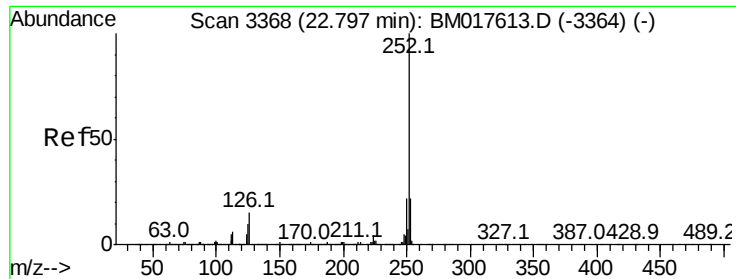
500000

0

22.70 22.75

Time-->





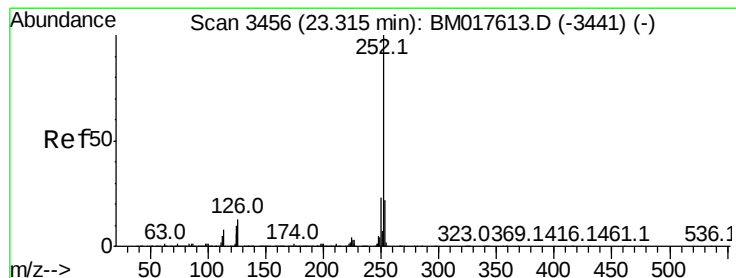
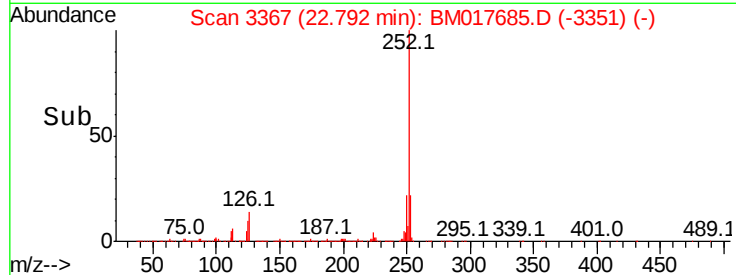
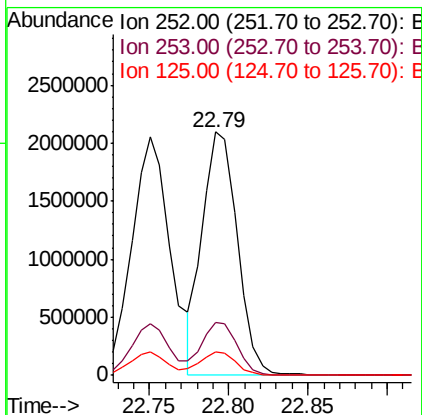
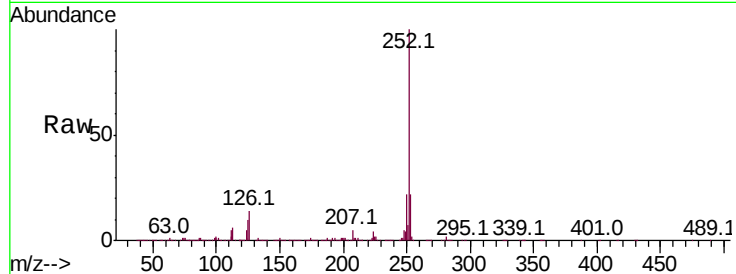
#89
Benzo(k)fluoranthene
Concen: 46.274 ng
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Instrument :
BNA_M
ClientSampleId :
PB114860BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	9.8	7.9	11.9

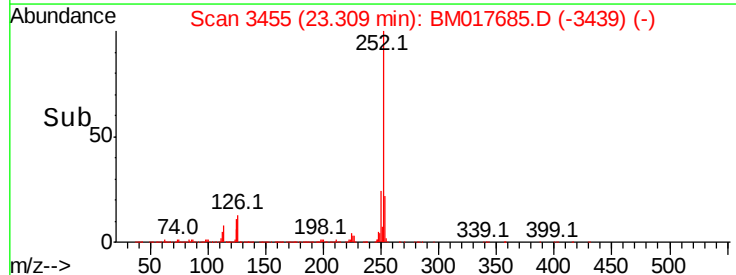
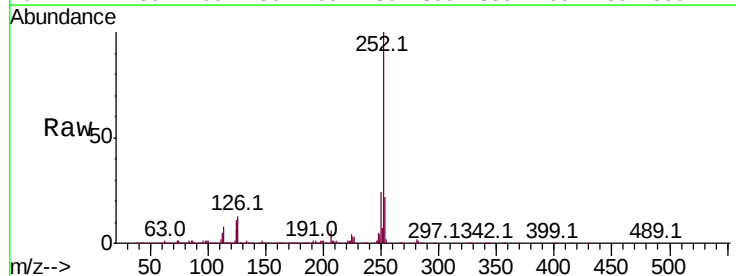
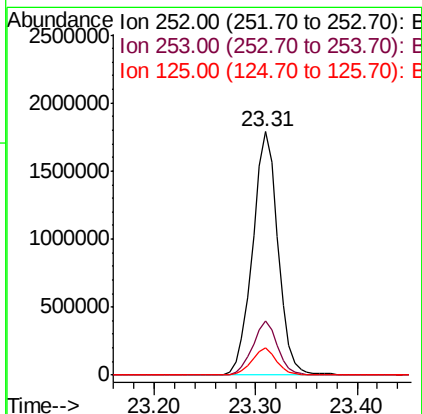
Manual Integrations
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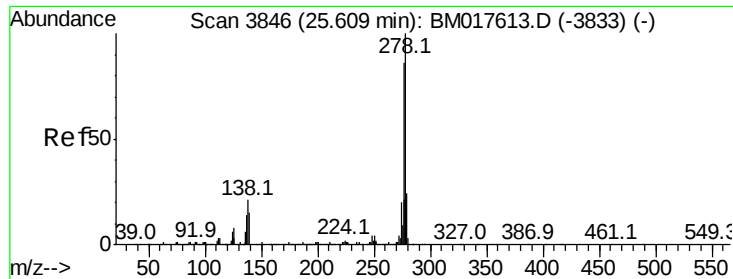
Sohil
11/19/2018 3:07:37 PM



#90
Benzo(a)pyrene
Concen: 49.543 ng
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM017685.D
Acq: 16 Nov 2018 17:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	11.2	8.2	12.2





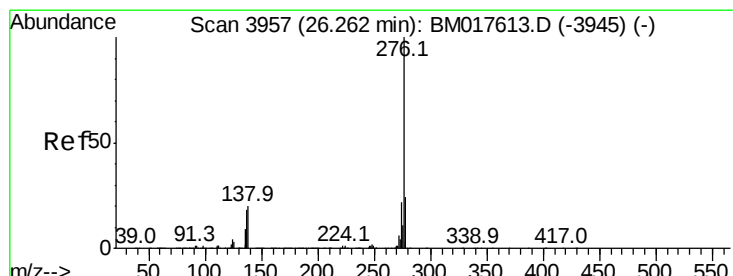
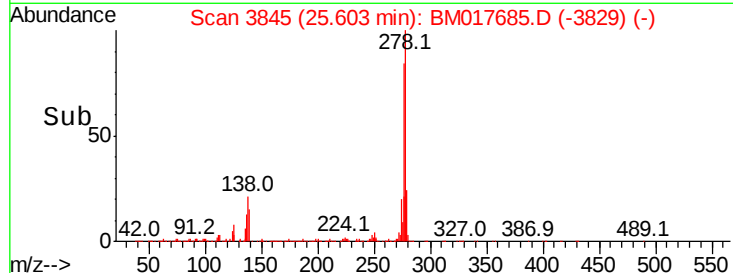
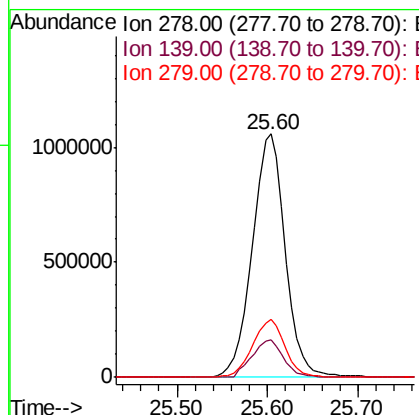
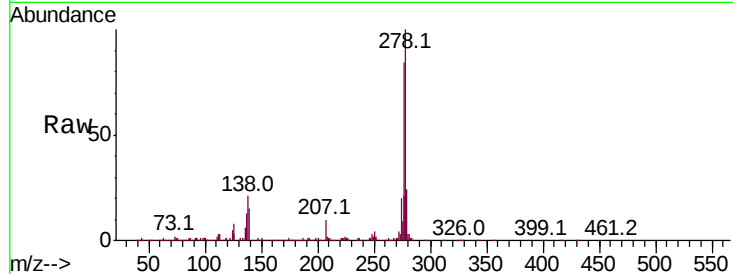
#91
 Dibenzo(a,h)anthracene
 Concen: 50.573 ng
 RT: 25.60 min Scan# 3845
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Instrument :
 BNA_M
 ClientSampleId :
 PB114860BSD

Tot Ion:	278	Resp:	2668690
Ion	Ratio	Lower	Upper
278	100		
139	15.3	11.8	17.6
279	24.0	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 11/19/2018 3:07:37 PM



#92
 Benzo(g,h,i)perylene
 Concen: 51.129 ng
 RT: 26.26 min Scan# 3956
 Delta R.T. -0.01 min
 Lab File: BM017685.D
 Acq: 16 Nov 2018 17:55

Tgt Ion:	276	Resp:	2537172
Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	20.1	15.9	23.9

