

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
 Data File : BM016650.D
 Acq On : 04 Sep 2018 17:30
 Operator : SJ/JU
 Sample : PB112568BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Manual Integrations
 APPROVED

Sohil
 9/5/2018 3:29:36 PM

Quant Time: Sep 05 07:00:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	68407	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	241739	20.00	ng	-0.01
38) Acenaphthene-d10	14.64	164	151849	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	433080	20.00	ng	0.00
75) Chrysene-d12	21.53	240	548847	20.00	ng	0.00
86) Perylene-d12	23.81	264	625058	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	356851	102.22	ng	0.00
7) Phenol-d6	7.17	99	416087	90.07	ng	0.00
23) Nitrobenzene-d5	9.18	82	385573	72.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	388140	91.44	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1126824	71.33	ng	-0.01
78) Terphenyl-d14	19.97	244	2048509	79.00	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	88725	46.006	ng	# 100
3) Pyridine	3.80	79	147959	36.874	ng	# 75
4) n-Nitrosodimethylamine	3.72	42	101194	56.610	ng	# 57
6) Aniline	7.33	93	148187	28.667	ng	# 82
8) 2-Chlorophenol	7.56	128	163652	39.398	ng	# 95
9) Benzaldehyde	7.16	77	106644	33.265	ng	# 73
10) Phenol	7.20	94	172078	37.667	ng	# 88
11) bis(2-Chloroethyl)ether	7.43	93	125445	36.619	ng	# 86
12) 1,3-Dichlorobenzene	7.87	146	208139	37.793	ng	# 82
13) 1,4-Dichlorobenzene	8.03	146	210420	37.230	ng	# 90
14) 1,2-Dichlorobenzene	8.35	146	210934	37.988	ng	# 98
15) Benzyl Alcohol	8.26	79	159016	37.068	ng	# 78
16) 2,2'-oxybis(1-Chloropropan	8.51	45	88621	37.570	ng	# 34
17) 2-Methylphenol	8.46	107	121684	36.783	ng	# 70
18) Hexachloroethane	9.05	117	127783	49.076	ng	# 56
19) n-Nitroso-di-n-propylamine	8.81	70	128300	35.425	ng	# 86
20) 3+4-Methylphenols	8.79	107	160976	35.193	ng	# 75
22) Acetophenone	8.84	105	248478	42.686	ng	# 98
24) Nitrobenzene	9.23	77	229274	43.341	ng	# 90
25) Isophorone	9.74	82	339347	47.957	ng	# 93
26) 2-Nitrophenol	9.93	139	88625	39.189	ng	# 45
27) 2,4-Dimethylphenol	9.99	122	130901	44.416	ng	# 70
28) bis(2-Chloroethoxy)methane	10.22	93	173220	41.009	ng	# 99
29) 2,4-Dichlorophenol	10.47	162	185432	42.040	ng	# 94
30) 1,2,4-Trichlorobenzene	10.66	180	324673	48.510	ng	# 94
31) Naphthalene	10.85	128	506068	43.939	ng	# 98
32) Benzoic acid	10.17	122	56627m	22.964	ng	#
33) 4-Chloroaniline	10.99	127	106329	21.937	ng	# 84
34) Hexachlorobutadiene	11.10	225	374177	58.574	ng	# 97
35) Caprolactam	11.81	113	28132	26.580	ng	# 63
36) 4-Chloro-3-methylphenol	12.12	107	151910	35.824	ng	# 85
37) 2-Methylnaphthalene	12.46	142	394921	43.800	ng	# 84
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	496050	57.842	ng	# 100
40) Hexachlorocyclopentadiene	12.77	237	653281	133.590	ng	# 98

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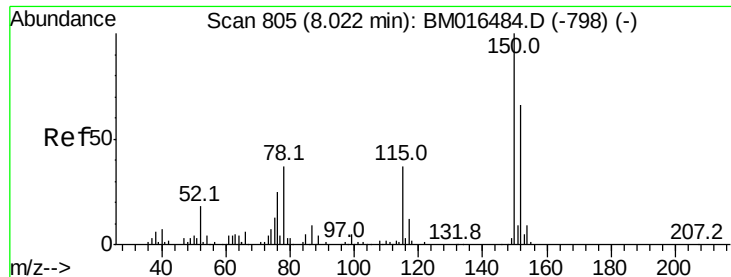
Manual Integrations
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Quant Time: Sep 05 07:00:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	251717	49.083	nq	99
43) 2,4,5-Trichlorophenol	13.17	196	234120	46.735	nq	# 96
45) 1,1'-Biphenyl	13.47	154	525164	39.442	nq	92
46) 2-Chloronaphthalene	13.52	162	438070	40.497	nq	94
47) 2-Nitroaniline	13.76	65	105909	36.758	nq	# 82
48) Acenaphthylene	14.36	152	617134	40.416	nq	# 94
49) Dimethylphthalate	14.10	163	558920	38.312	nq	# 96
50) 2,6-Dinitrotoluene	14.24	165	114252	40.152	nq	# 66
51) Acenaphthene	14.70	154	369755	39.416	nq	99
52) 3-Nitroaniline	14.59	138	56859	21.961	nq	# 66
53) 2,4-Dinitrophenol	14.82	184	107053	75.178	nq	# 72
54) Dibenzofuran	15.04	168	700801	39.024	nq	# 87
55) 4-Nitrophenol	14.91	139	93817	56.811	nq	# 82
56) 2,4-Dinitrotoluene	15.05	165	158027	33.305	nq	# 97
57) Fluorene	15.69	166	534381	39.391	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.27	232	232292	48.245	nq	# 100
59) Diethylphthalate	15.45	149	542159	35.642	nq	96
60) 4-Chlorophenyl-phenylether	15.67	204	513571	45.142	nq	# 84
61) 4-Nitroaniline	15.76	138	70320	27.790	nq	# 1
62) Azobenzene	15.97	77	704251	43.468	nq	91
64) 4,6-Dinitro-2-methylphenol	15.82	198	110696	33.640	nq	# 64
65) n-Nitrosodiphenylamine	15.90	169	460308	37.781	nq	91
66) 4-Bromophenyl-phenylether	16.56	248	318777	47.905	nq	98
67) Hexachlorobenzene	16.69	284	340135	43.830	nq	# 92
68) Atrazine	16.84	200	269813	48.526	nq	90
69) Pentachlorophenol	17.04	266	273351	66.573	nq	99
70) Phenanthrene	17.42	178	890052	39.763	nq	99
71) Anthracene	17.52	178	907420	40.825	nq	100
72) Carbazole	17.80	167	603457	30.210	nq	99
73) Di-n-butylphthalate	18.32	149	824870	33.872	nq	# 95
74) Fluoranthene	19.43	202	1284482	39.137	nq	94
76) Benzidine	19.62	184	473500	44.861	nq	97
77) Pyrene	19.79	202	1311477	43.968	nq	97
79) Butylbenzylphthalate	20.65	149	377825	36.697	nq	# 68
80) Benzo(a)anthracene	21.51	228	1413447	43.804	nq	99
81) 3,3'-Dichlorobenzidine	21.44	252	391982	27.291	nq	# 92
82) Chrysene	21.56	228	1299657	42.214	nq	99
83) Bis(2-ethylhexyl)phthalate	21.40	149	527683	34.476	nq	# 95
84) Di-n-octyl phthalate	22.28	149	892514	35.089	nq	# 93
85) Indeno(1,2,3-cd)pyrene	26.11	276	2226193	50.280	nq	# 91
87) Benzo(b)fluoranthene	23.11	252	1568532	43.532	nq	# 90
88) Benzo(k)fluoranthene	23.16	252	1509336	41.169	nq	# 93
89) Benzo(a)pyrene	23.71	252	1547290	44.134	nq	# 94
90) Dibenzo(a,h)anthracene	26.11	278	1904493	48.471	nq	# 87
91) Benzo(g,h,i)perylene	26.82	276	1762203	49.964	nq	# 80

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



#1

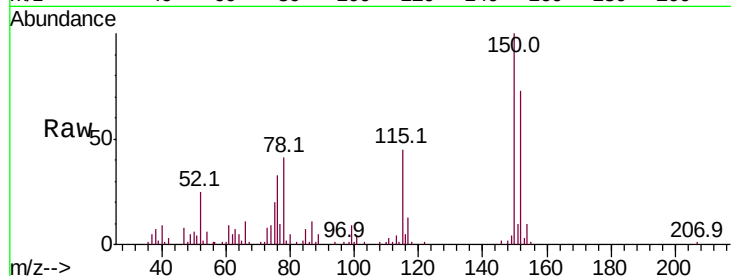
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.1	119.5	179.3
115	62.1	43.0	64.4

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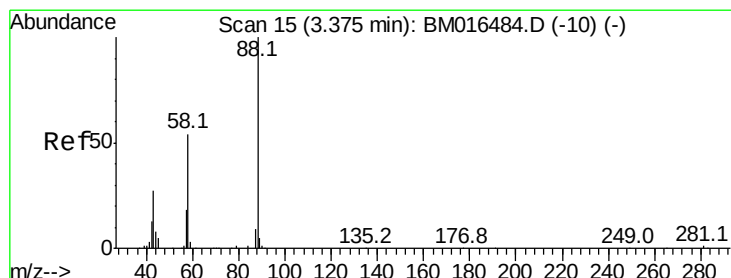
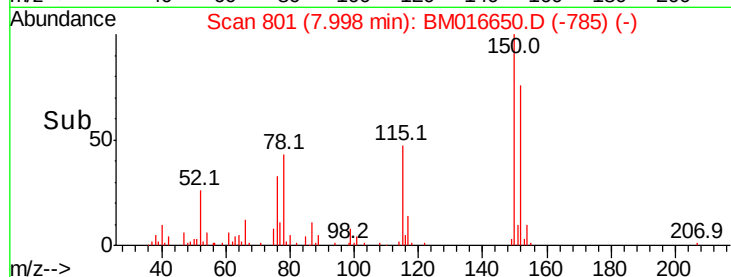
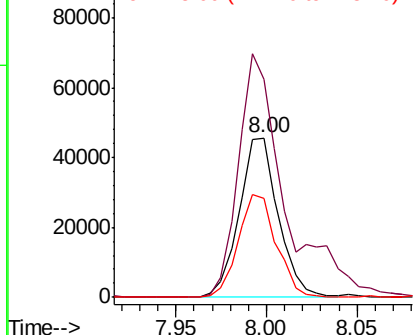


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

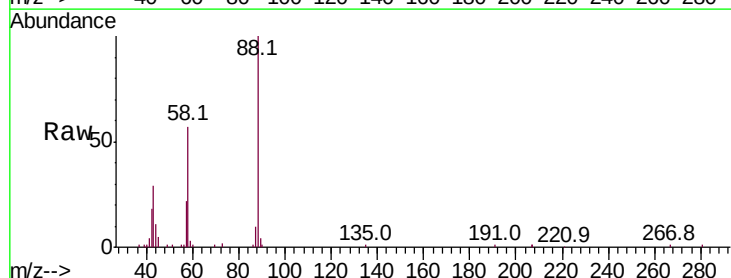
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 46.006 ng
RT: 3.37 min Scan# 14
Delta R.T. -0.00 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.3	0.0	0.0#
43	31.7	0.0	0.0#

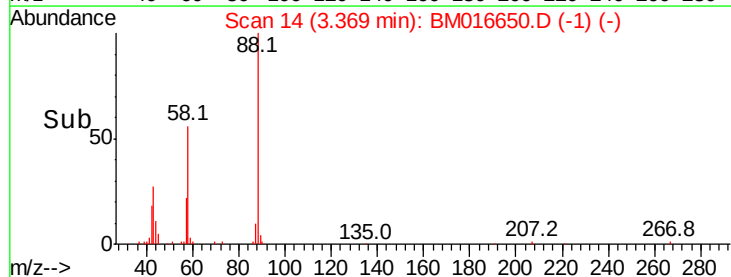
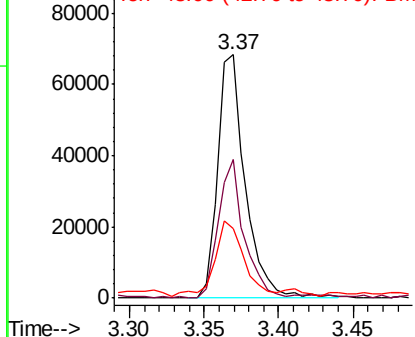


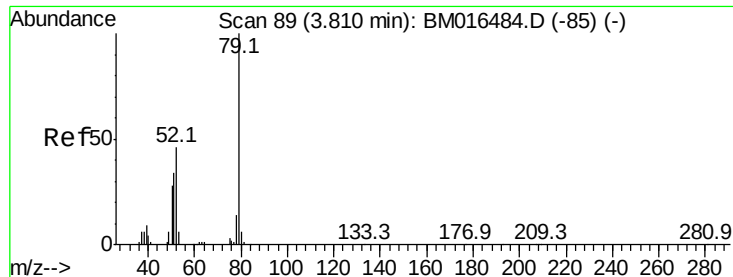
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.874 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

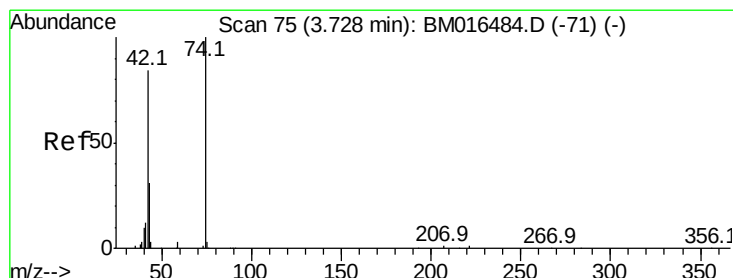
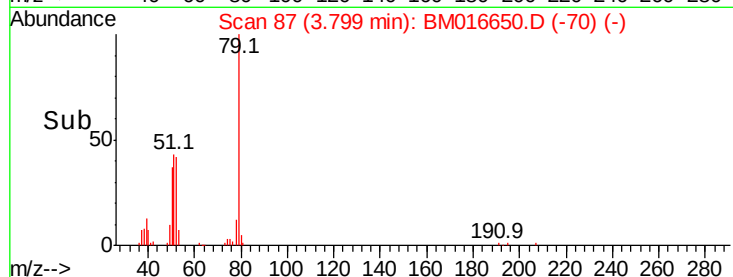
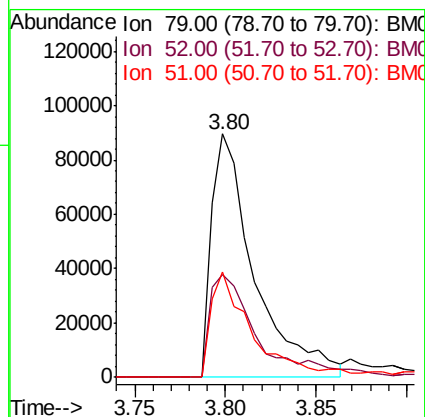
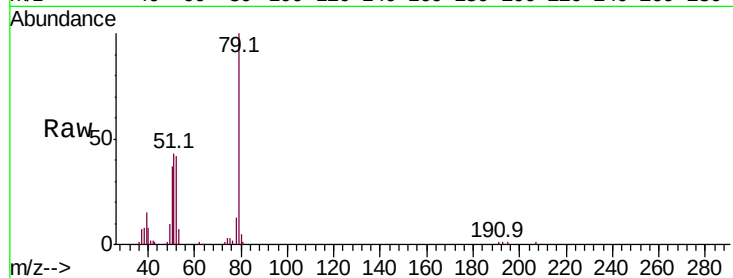
ClientSampleId :

PB112568BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		147959		
52	42.4	51.1	76.7#		
51	43.4	26.1	39.1#		

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#4

n-Nitrosodimethylamine

Concen: 56.610 ng

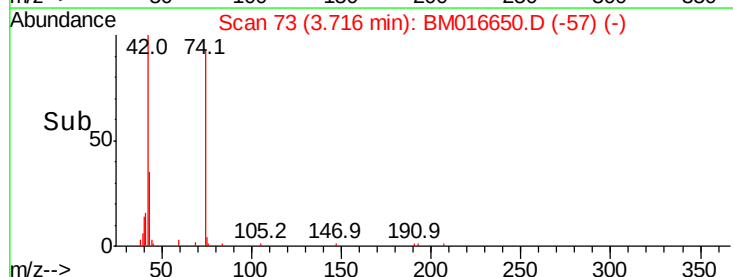
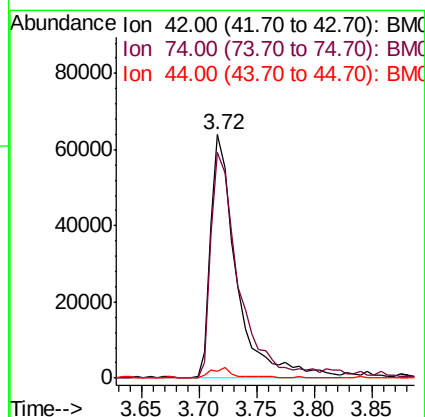
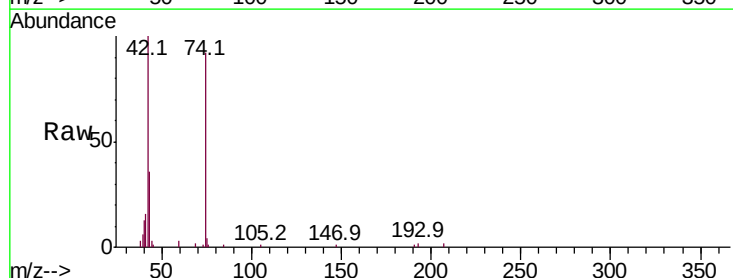
RT: 3.72 min Scan# 73

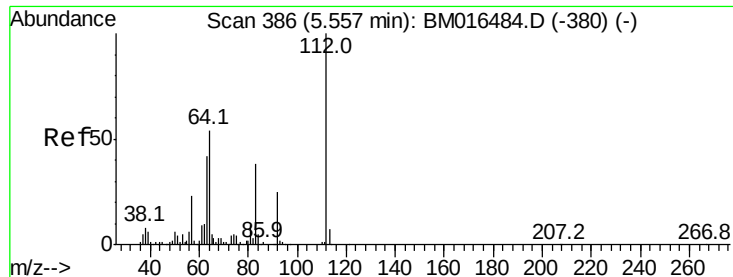
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		101194		
74	92.5	119.3	178.9#		
44	2.7	5.4	8.2#		





#5

2-Fluorophenol

Concen: 102.223 ng

RT: 5.54 min Scan# 383

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

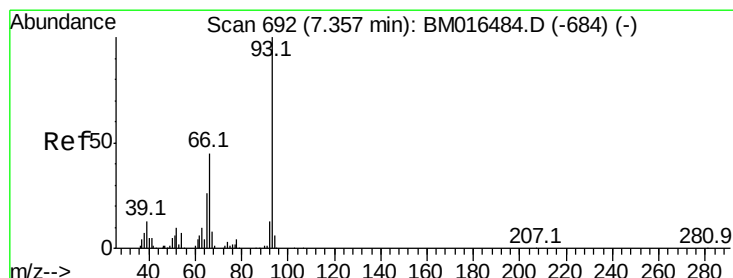
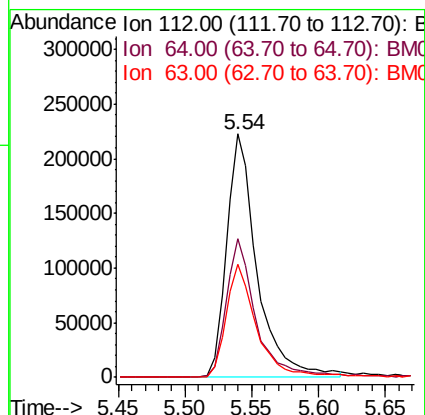
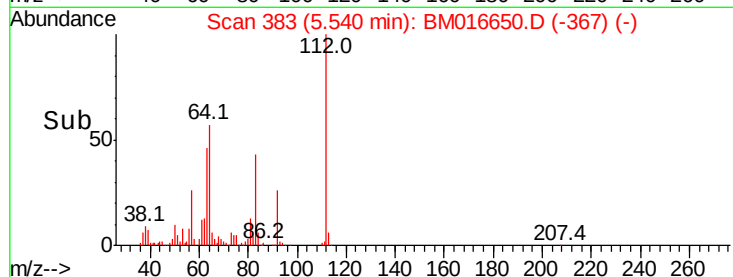
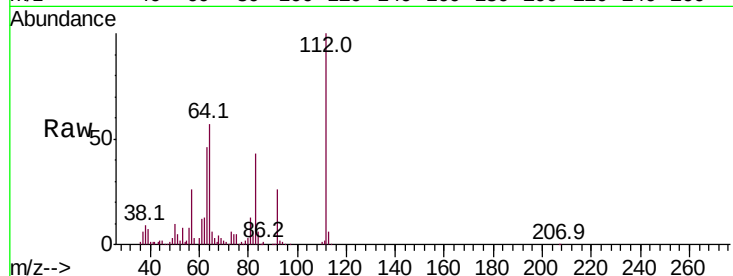
ClientSampleId :

PB112568BSD

Tot Ion:	112	Resp:	356851
Ion Ratio	Lower	Upper	
112	100		
64	57.0	38.6	57.8
63	46.2	19.3	28.9#

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#6

Aniline

Concen: 28.667 ng

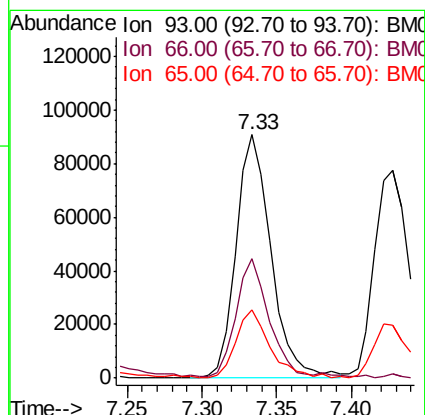
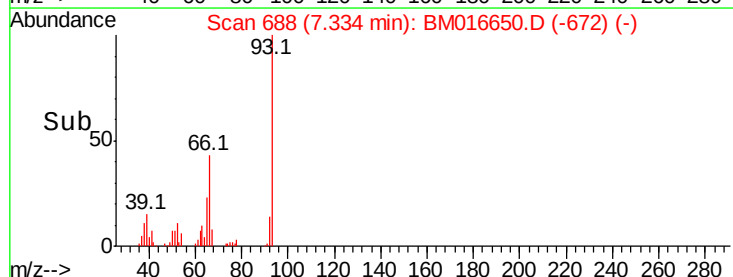
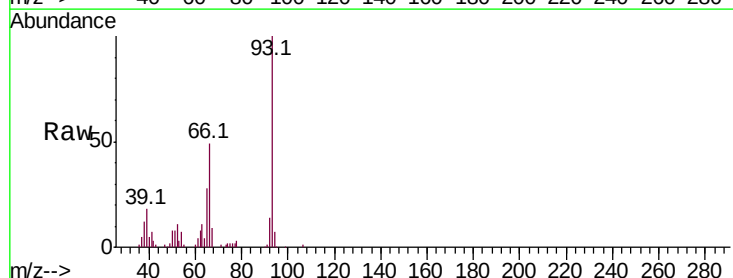
RT: 7.33 min Scan# 688

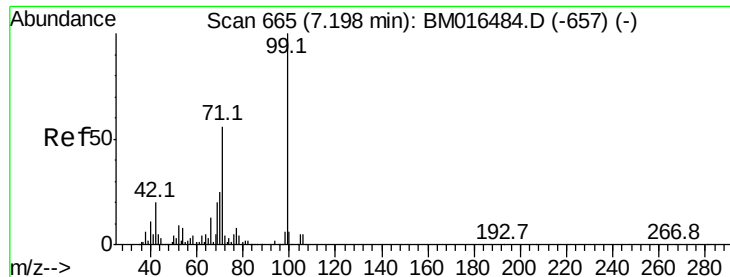
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion:	93	Resp:	148187
Ion Ratio	Lower	Upper	
93	100		
66	49.2	30.8	46.2#
65	28.2	16.0	24.0#





#7

Phenol-d6

Concen: 90.073 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

ClientSampleId :

PB112568BSD

Tot Ion: 99 Resp: 416087

Ion Ratio Lower Upper

99 100

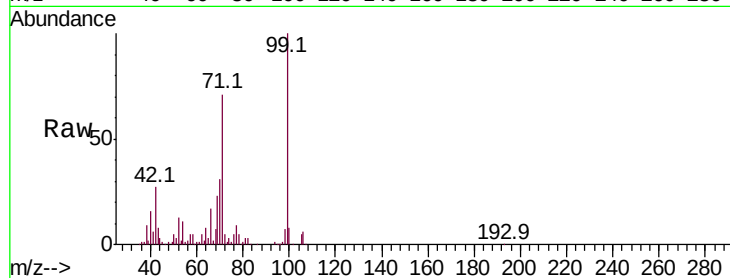
42 27.4 11.0 16.4#

71 71.0 23.4 35.2#

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Abundance Ion 99.00 (98.70 to 99.70): BM016484.D (-657) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-657) (-)

Ion 71.00 (70.70 to 71.70): BM016484.D (-657) (-)

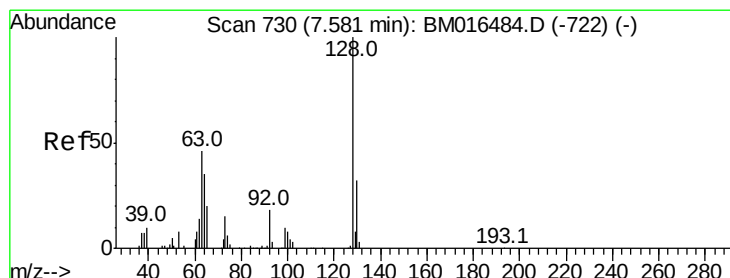
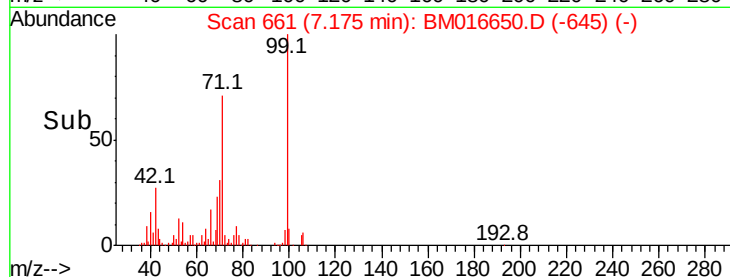
7.17

200000

100000

0

Time-->



#8

2-Chlorophenol

Concen: 39.398 ng

RT: 7.56 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

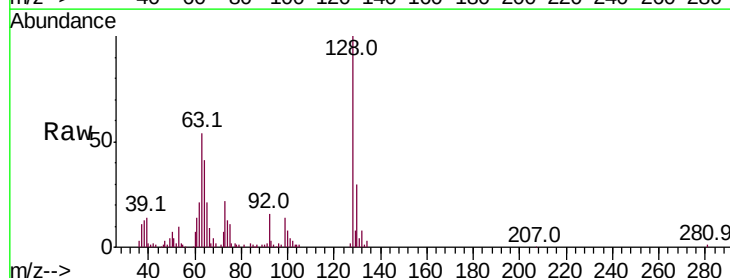
Tgt Ion: 128 Resp: 163652

Ion Ratio Lower Upper

128 100

130 29.6 12.0 52.0

64 41.3 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): BM016484.D (-722) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-722) (-)

Ion 64.00 (63.70 to 64.70): BM016484.D (-722) (-)

7.56

120000

100000

80000

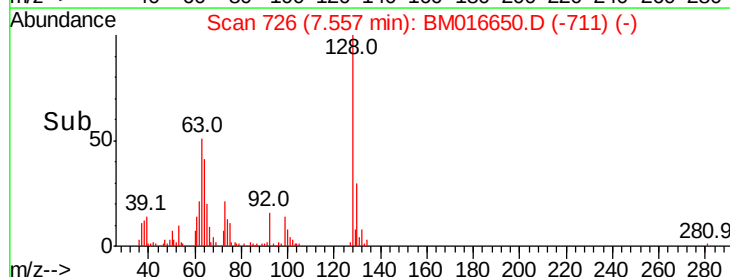
60000

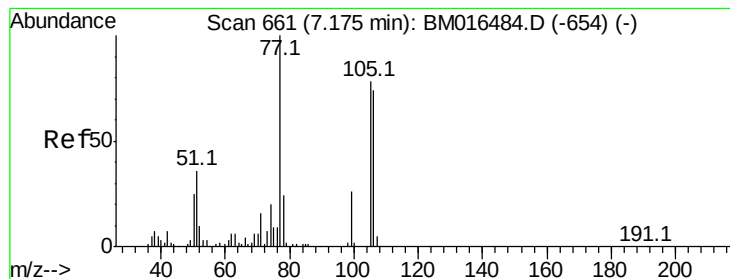
40000

20000

0

Time-->





#9

Benzaldehyde

Concen: 33.265 ng

RT: 7.16 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

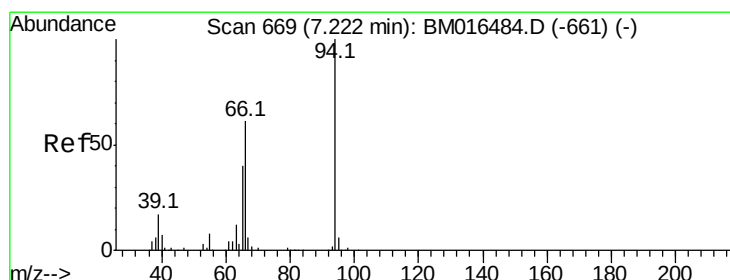
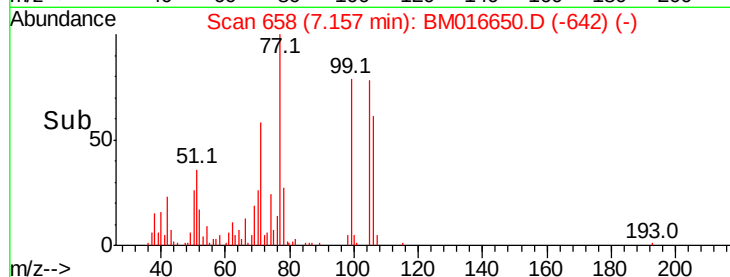
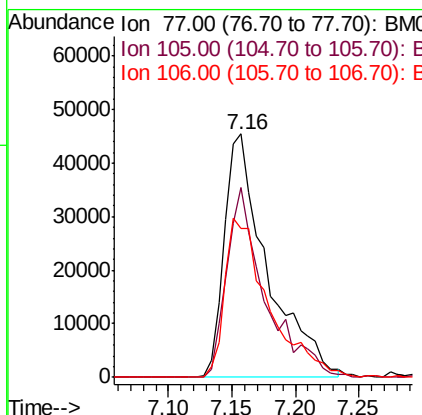
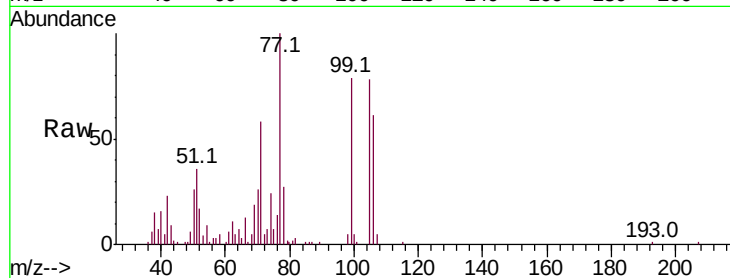
ClientSampleId :

PB112568BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	78.1	78.8	118.8#
106	61.0	73.7	113.7#

Manual Integrations
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#10

Phenol

Concen: 37.667 ng

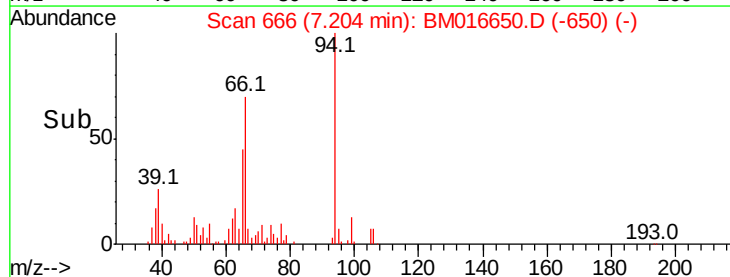
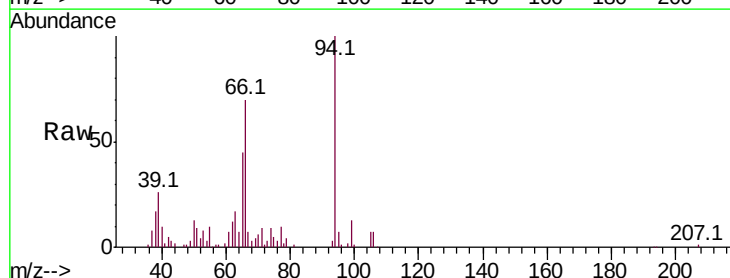
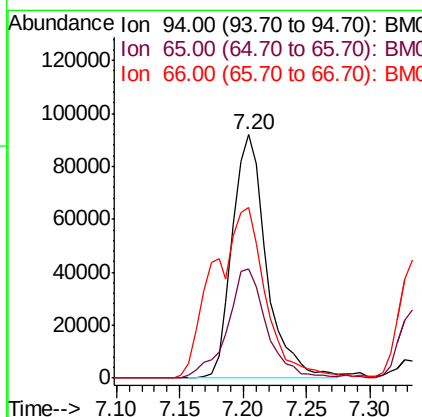
RT: 7.20 min Scan# 666

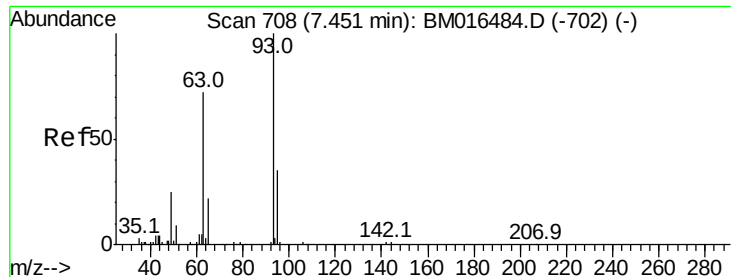
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	44.8	18.8	58.8
66	70.3	39.9	79.9





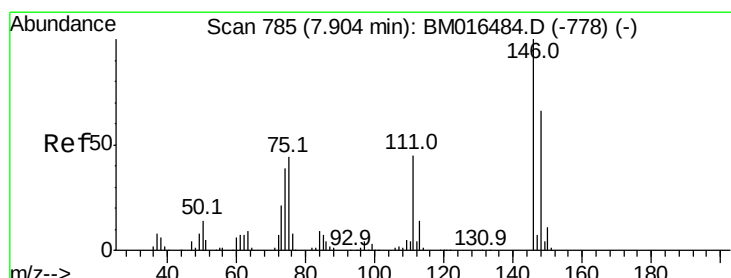
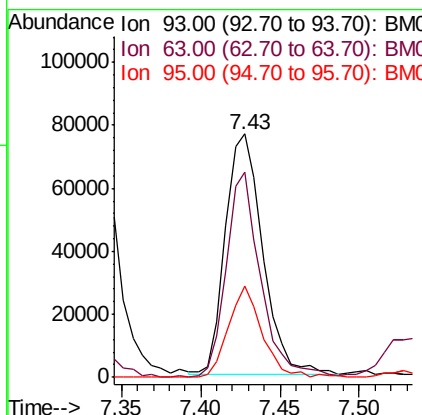
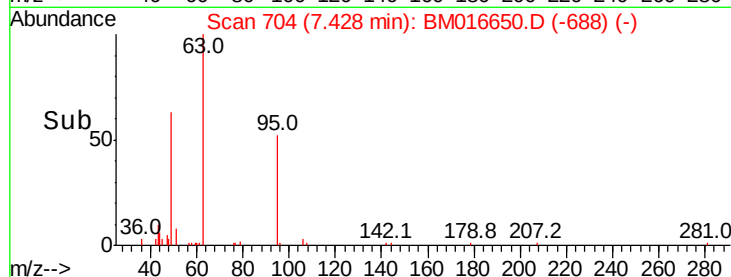
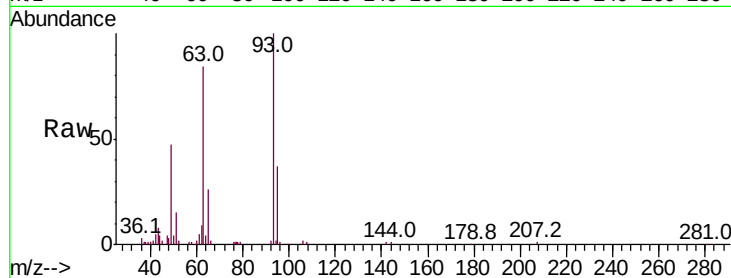
#11
bis(2-Chloroethyl)ether
Concen: 36.619 ng
RT: 7.43 min Scan# 704
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleID :
PB112568BSD

Tot Ion:	93	Resp:	125445
Ion Ratio	Lower	Upper	
93	100		
63	84.3	49.5	89.5
95	37.4	13.5	53.5

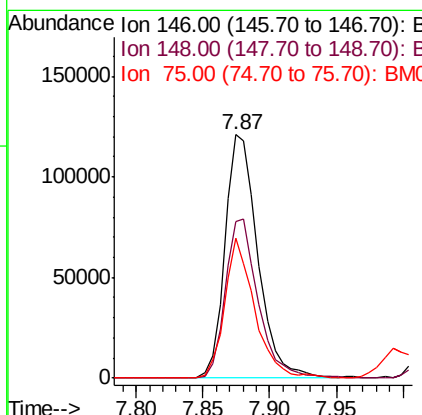
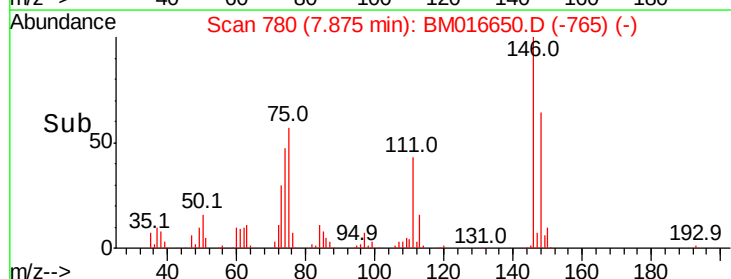
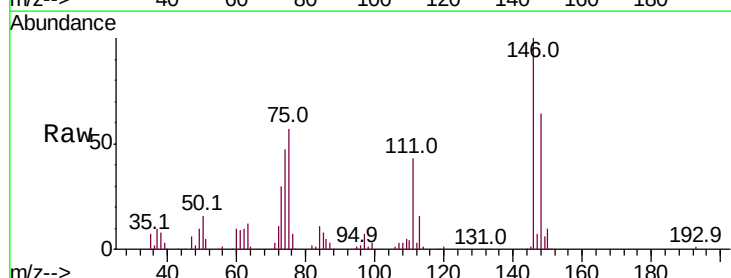
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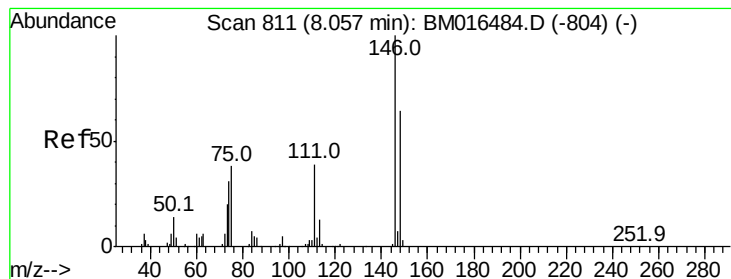
Sohil
9/5/2018 3:29:36 PM



#12
1,3-Dichlorobenzene
Concen: 37.793 ng
RT: 7.87 min Scan# 780
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion:	146	Resp:	208139
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.9	76.3
75	57.4	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 37.230 ng

RT: 8.03 min Scan# 806

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

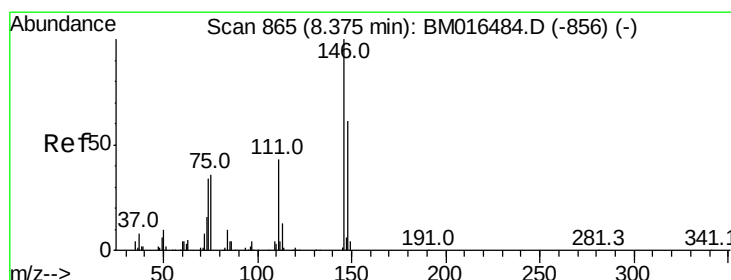
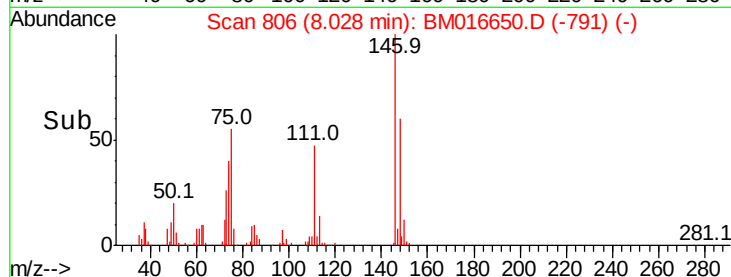
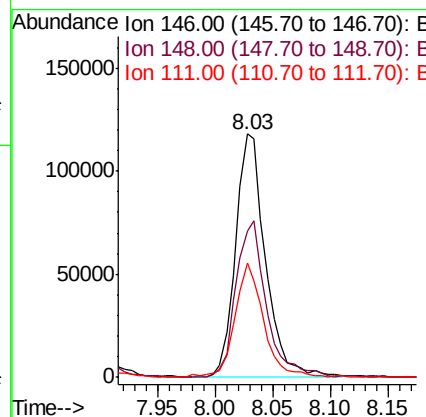
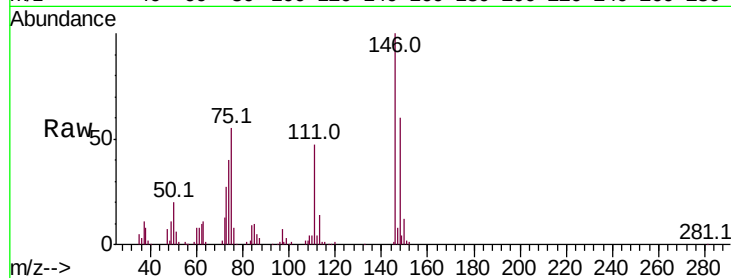
ClientSampleId :

PB112568BSD

Tot Ion:	146	Resp:	210420
Ion Ratio	Lower	Upper	
146	100		
148	60.1	51.9	77.9
111	47.1	29.2	43.8

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#14

1,2-Dichlorobenzene

Concen: 37.988 ng

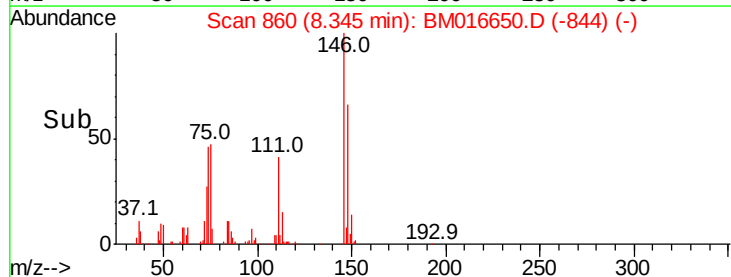
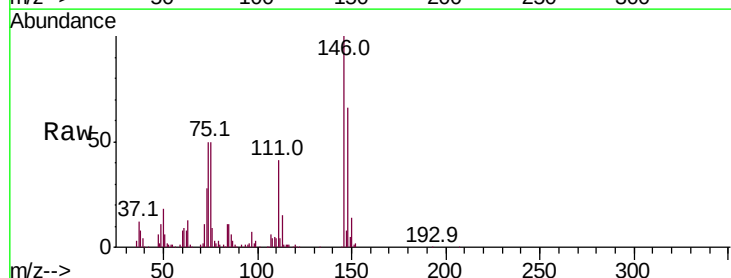
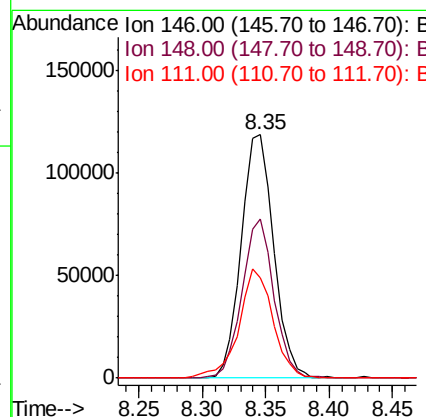
RT: 8.35 min Scan# 860

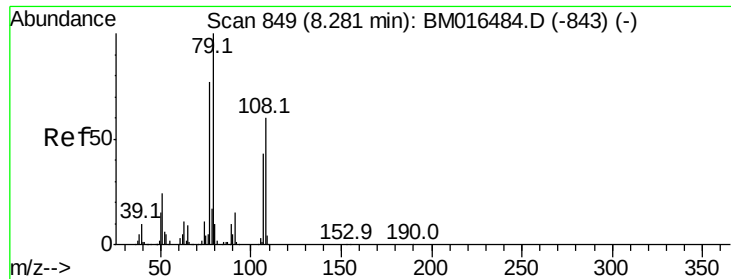
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion:	146	Resp:	210934
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.3	78.5
111	41.2	30.6	45.8





#15

Benzyl Alcohol

Concen: 37.068 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

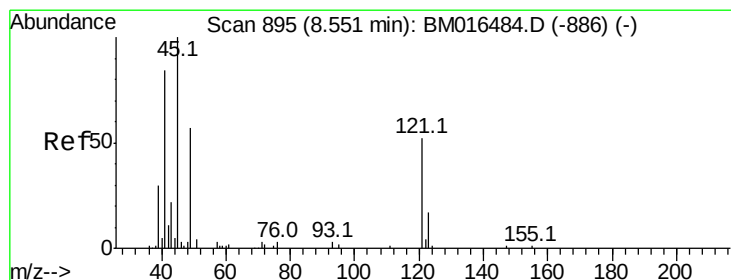
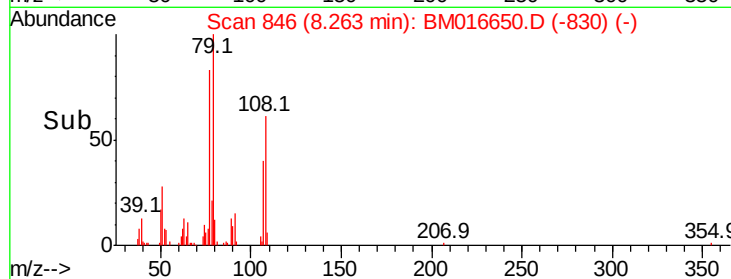
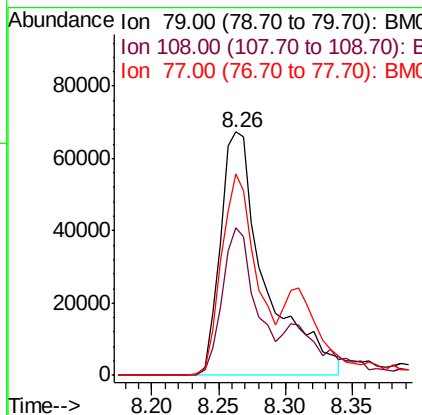
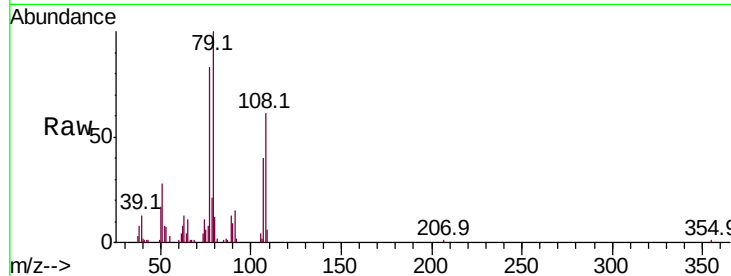
ClientSampleId :

PB112568BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	60.5	65.0	97.4#
77	82.9	53.0	79.6#

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.570 ng

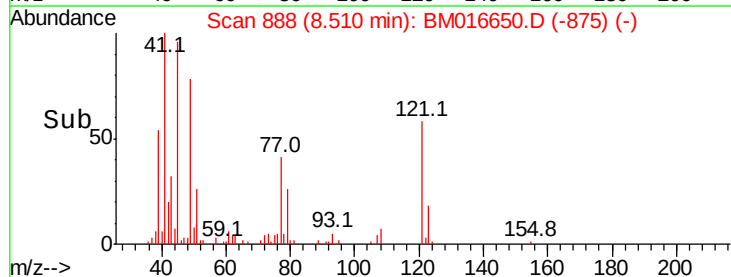
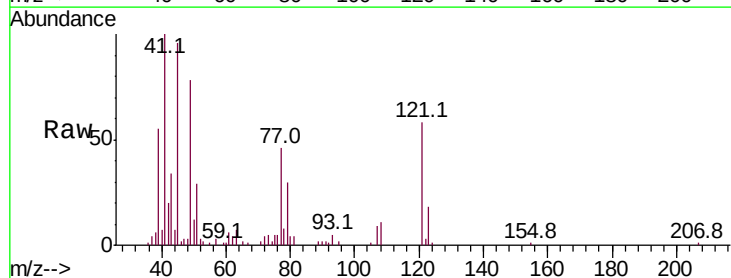
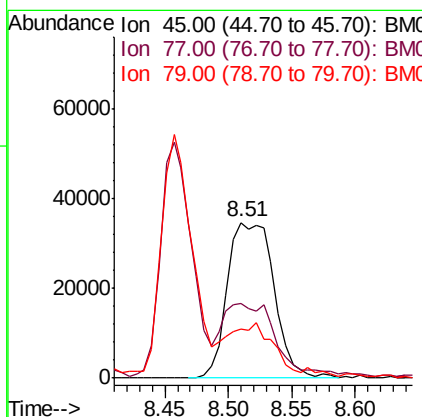
RT: 8.51 min Scan# 888

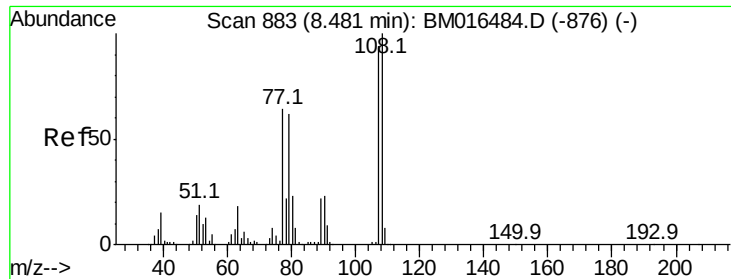
Delta R.T. -0.02 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	47.8	0.0	35.2#
79	31.7	0.0	32.0





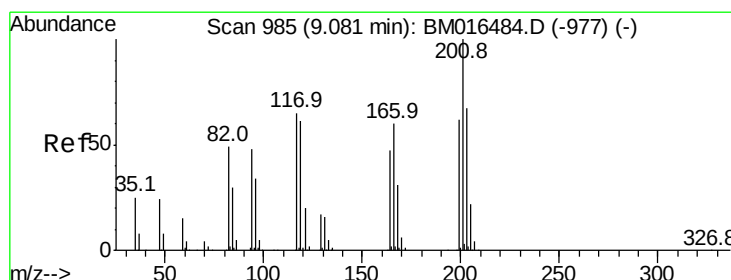
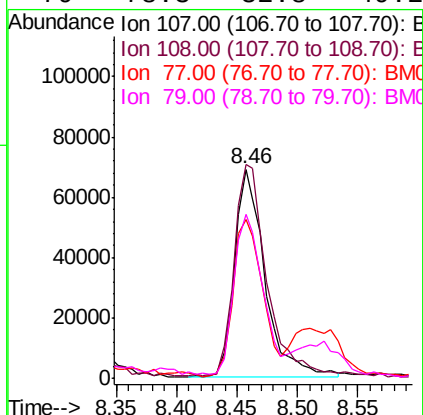
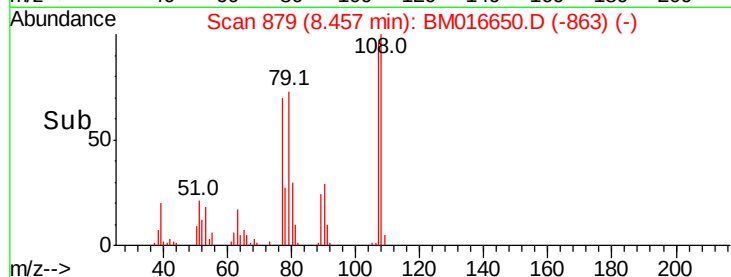
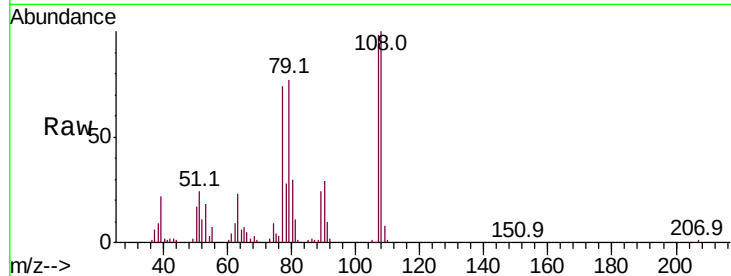
#17
2-Methylphenol
Concen: 36.783 ng
RT: 8.46 min Scan# 879
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleID :
PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	102.1	89.8	134.8	
77	75.7	32.6	48.8#	
79	78.3	32.8	49.2#	

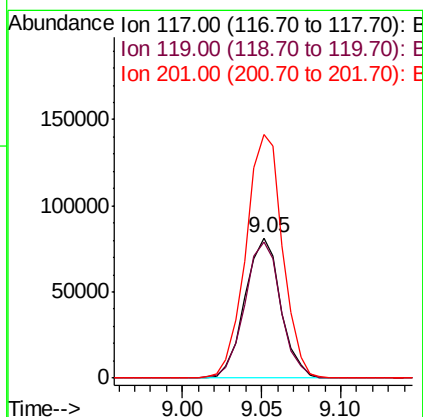
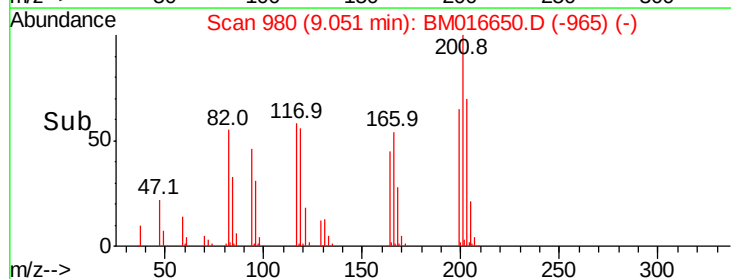
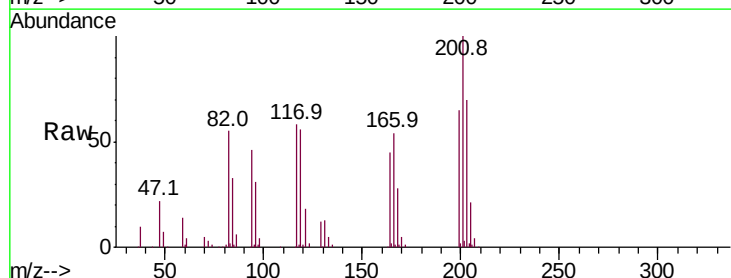
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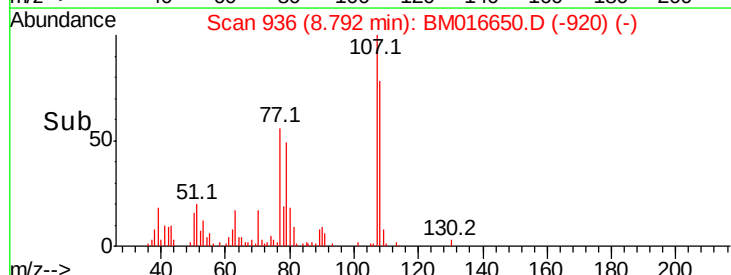
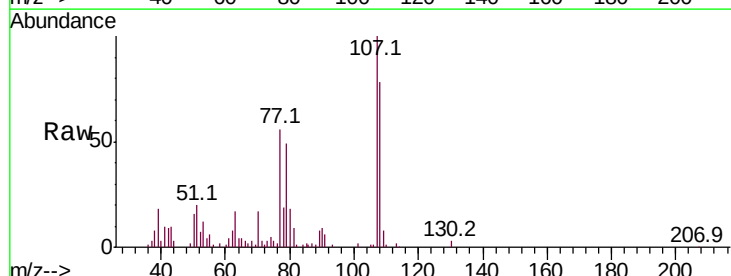
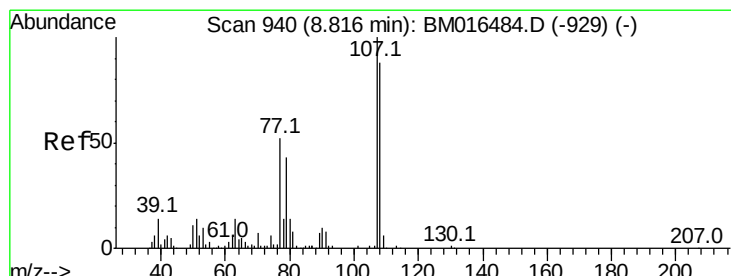
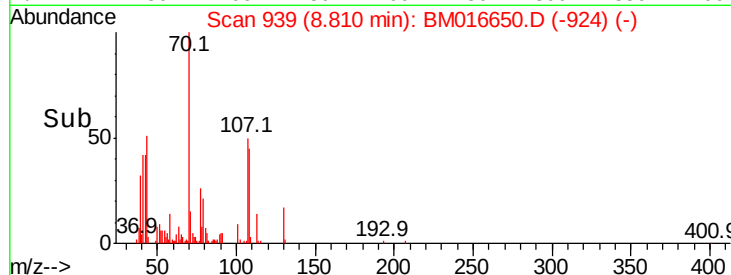
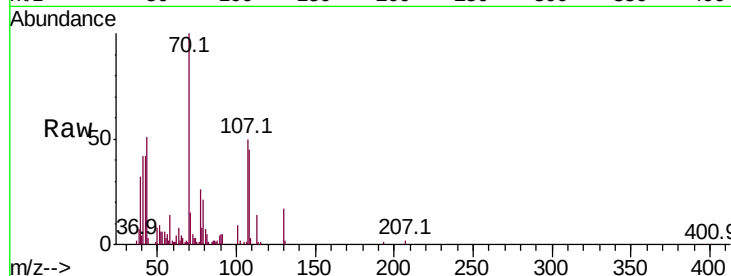
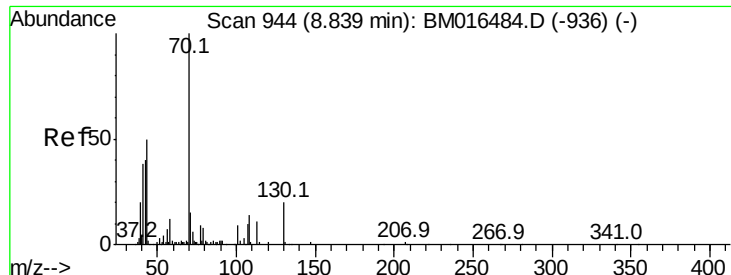
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#18
Hexachloroethane
Concen: 49.076 ng
RT: 9.05 min Scan# 980
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	79.2	118.8	
201	173.3	69.8	104.6#	





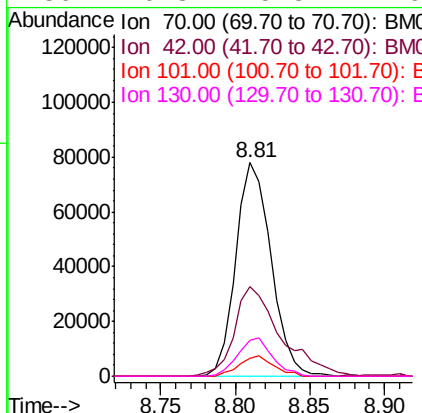
#19
n-Nitroso-di-n-propylamine
Concen: 35.425 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.7	44.5	66.7#
101	8.7	7.4	11.2
130	16.8	15.3	22.9

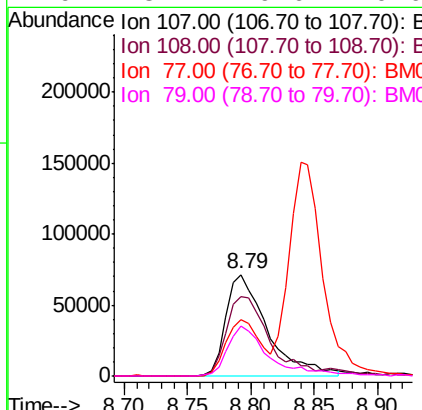
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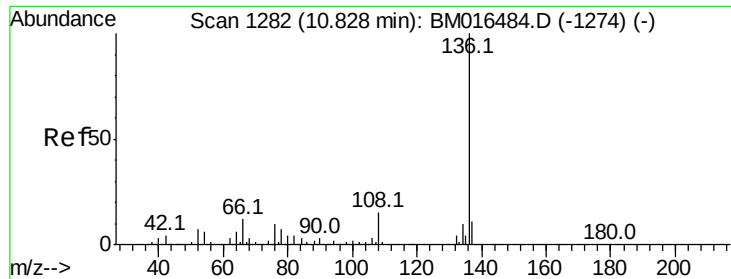
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#20
3+4-Methylphenols
Concen: 35.193 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	78.3	73.2	113.2
77	55.5	10.7	50.7#
79	48.7	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

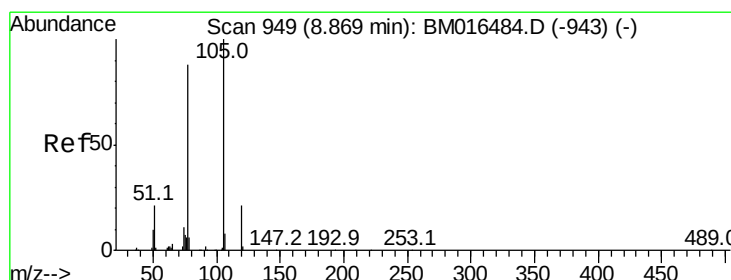
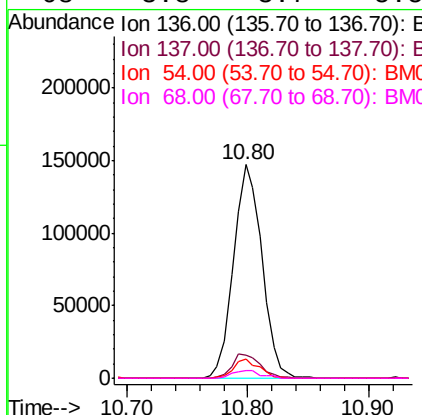
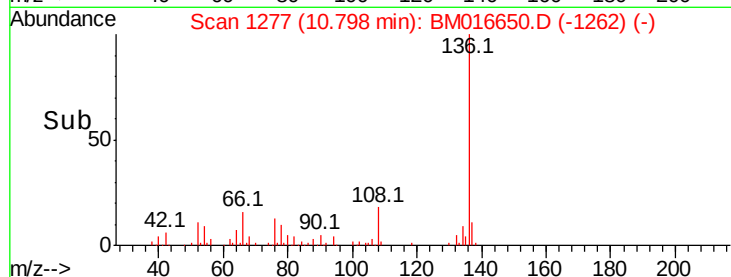
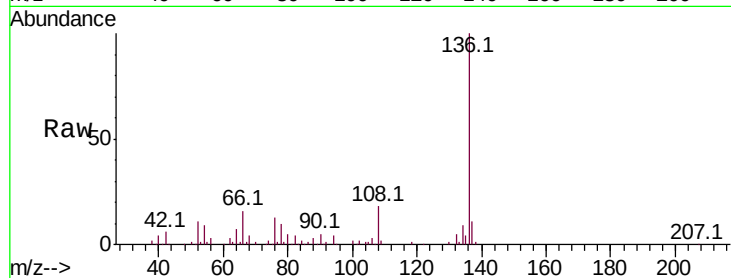
ClientSampleId :

PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	241739		
137	11.0	8.7	13.1	
54	8.8	4.6	6.8	
68	3.8	3.7	5.5	

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#22

Acetophenone

Concen: 42.686 ng

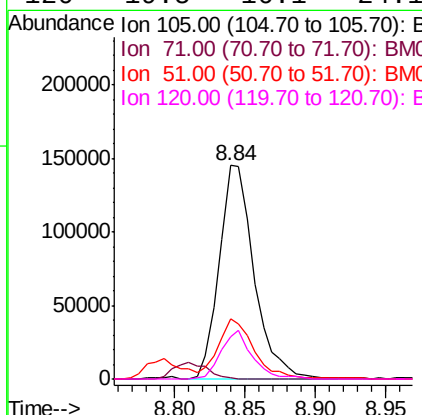
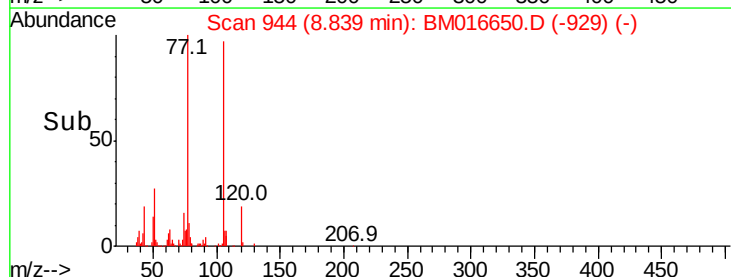
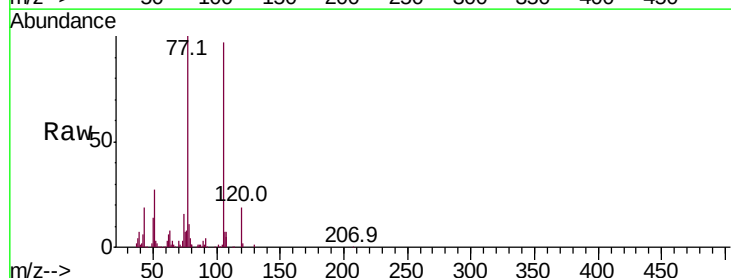
RT: 8.84 min Scan# 944

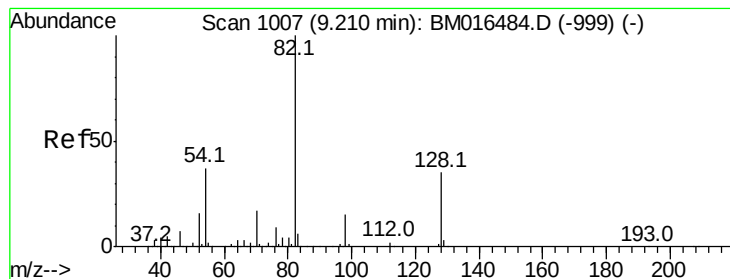
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	248478		
71	0.6	0.6	1.0	
51	28.2	21.6	32.4	
120	19.5	16.1	24.1	





#23

Nitrobenzene-d5

Concen: 72.826 ng

RT: 9.18 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

ClientSampleId :

PB112568BSD

Tot Ion: 82 Resp: 385573

Ion Ratio Lower Upper

82 100

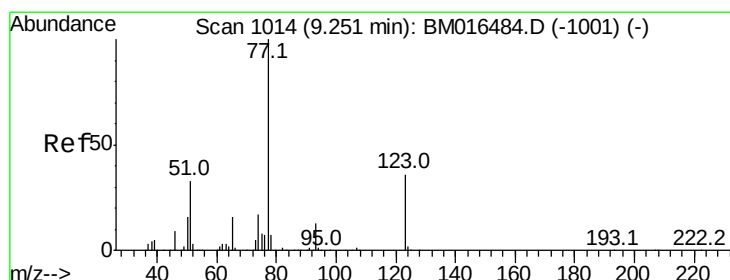
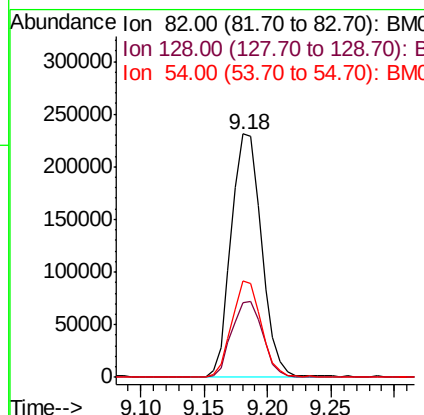
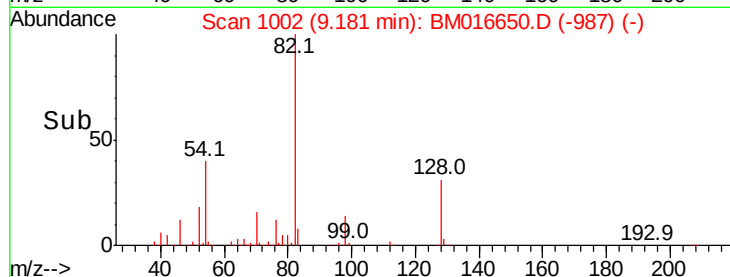
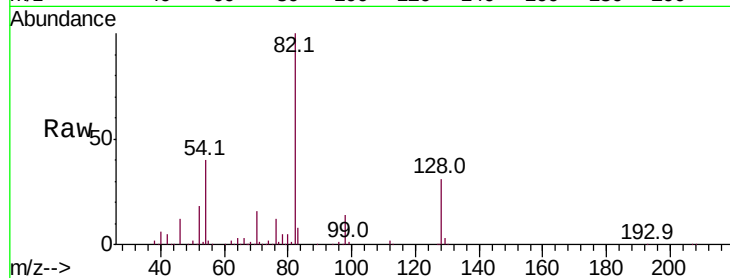
128 30.5 32.8 49.2#

54 39.9 40.6 60.8#

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#24

Nitrobenzene

Concen: 43.341 ng

RT: 9.23 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

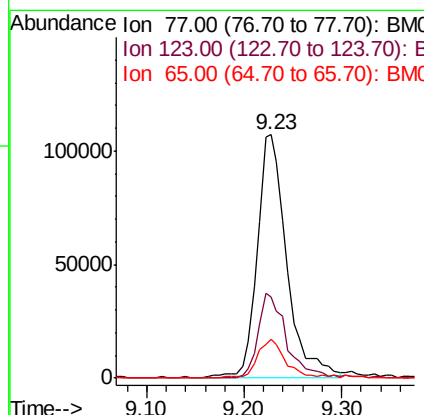
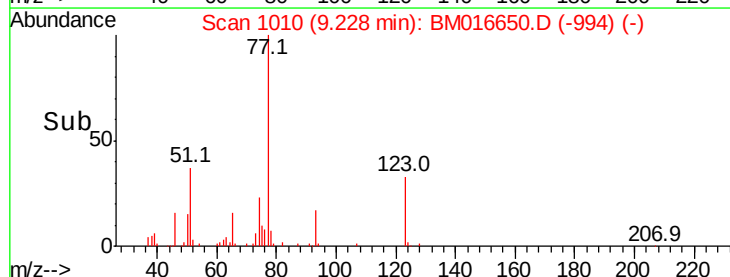
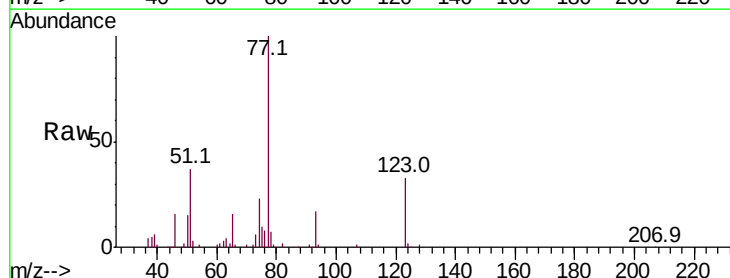
Tgt Ion: 77 Resp: 229274

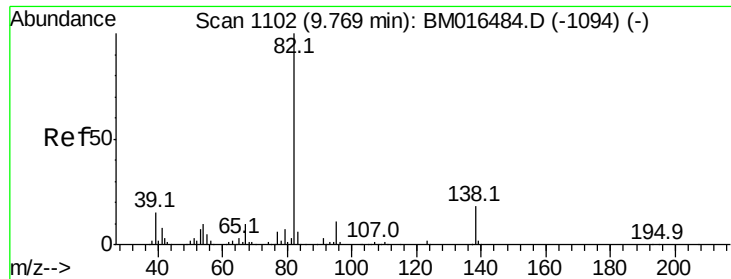
Ion Ratio Lower Upper

77 100

123 33.3 32.6 49.0

65 15.7 10.9 16.3





#25

Isophorone

Concen: 47.957 ng

RT: 9.74 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

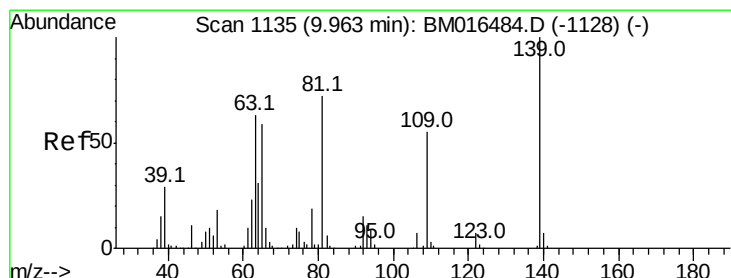
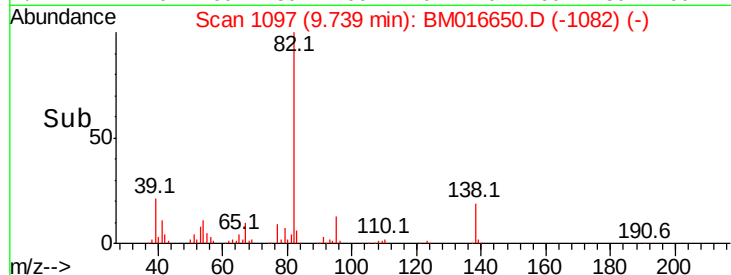
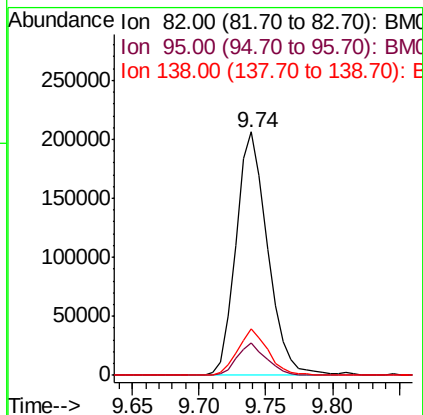
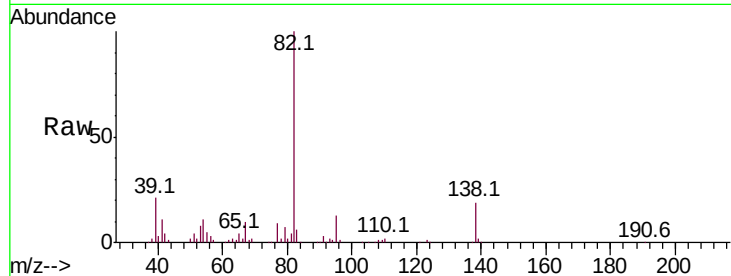
ClientSampleId :

PB112568BSD

Tot Ion:	82	Resp:	339347
Ion Ratio	Lower	Upper	
82	100		
95	13.2	5.8	8.6#
138	19.1	16.3	24.5

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#26

2-Nitrophenol

Concen: 39.189 ng

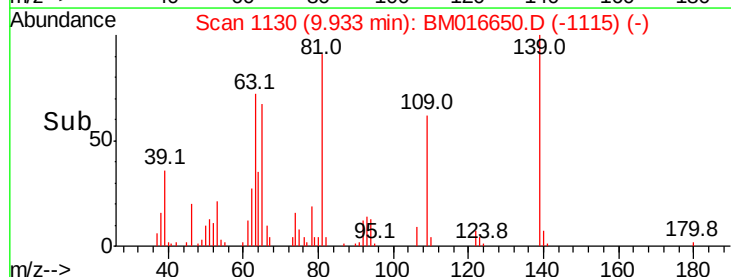
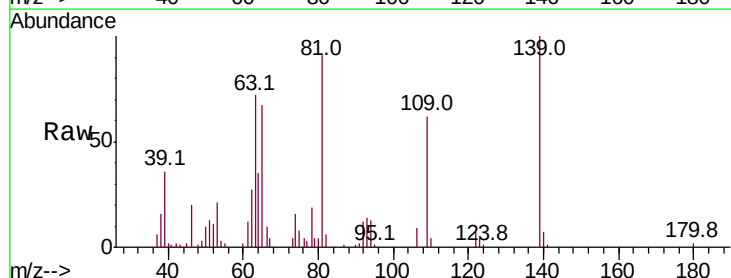
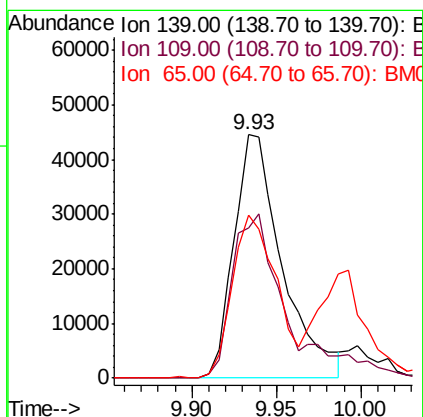
RT: 9.93 min Scan# 1130

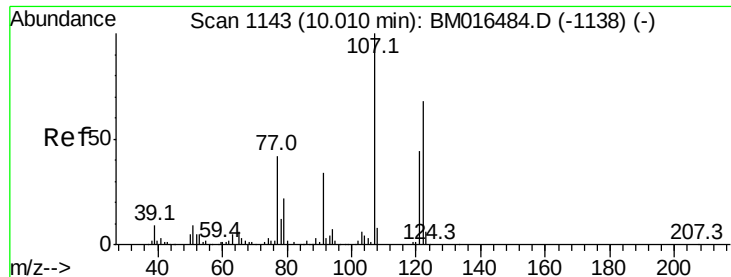
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion:	139	Resp:	88625
Ion Ratio	Lower	Upper	
139	100		
109	61.6	20.1	30.1#
65	66.7	31.5	47.3#





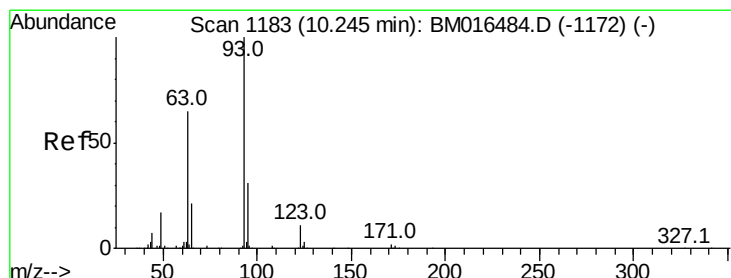
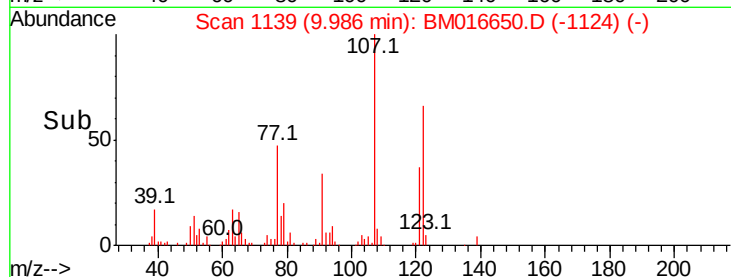
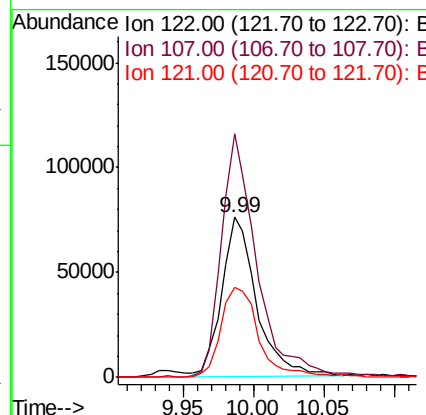
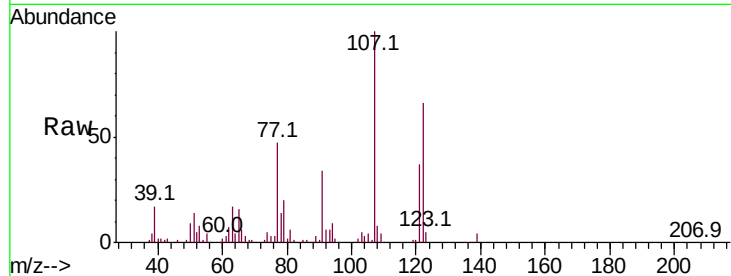
#27
 2,4-Dimethylphenol
 Concen: 44.416 ng
 RT: 9.99 min Scan# 1139
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampled :
 PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	130901		
107	152.2	84.7	127.1#	
121	56.2	46.6	69.8	

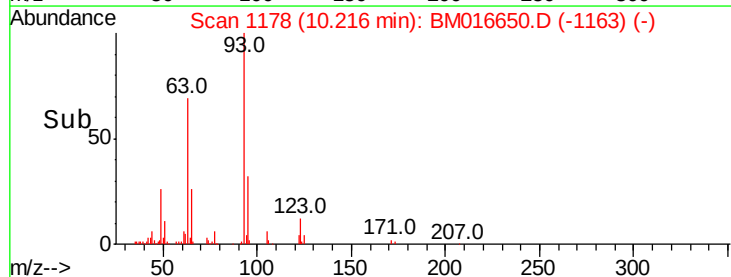
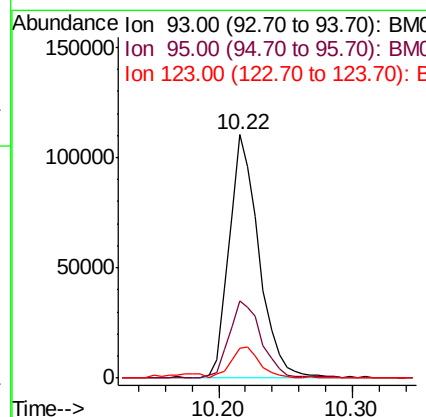
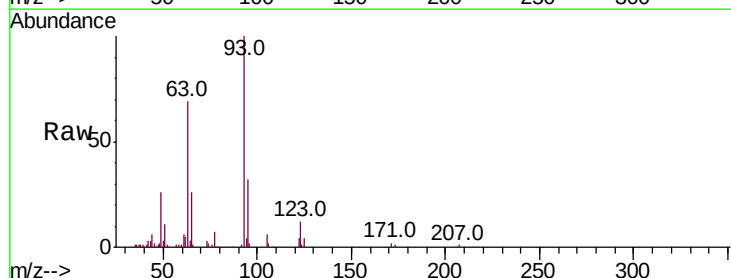
Manual Integrations
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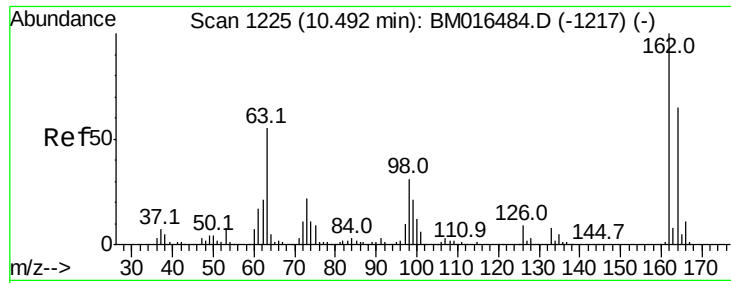
Sohil
 9/5/2018 3:29:36 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.009 ng
 RT: 10.22 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	173220		
95	31.9	25.5	38.3	
123	12.2	8.6	13.0	





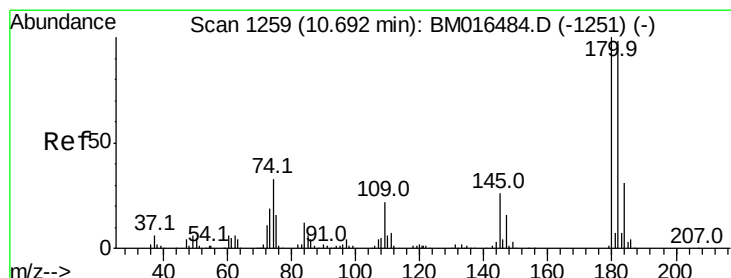
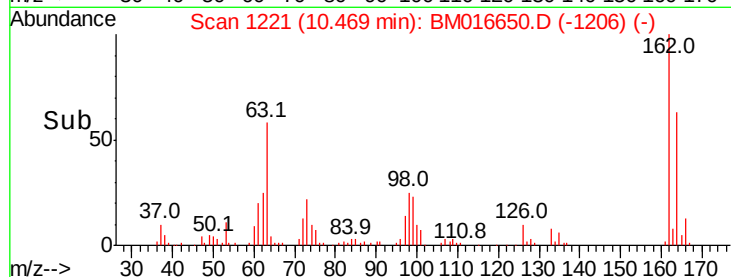
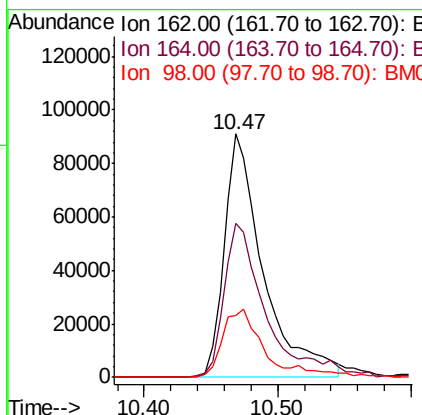
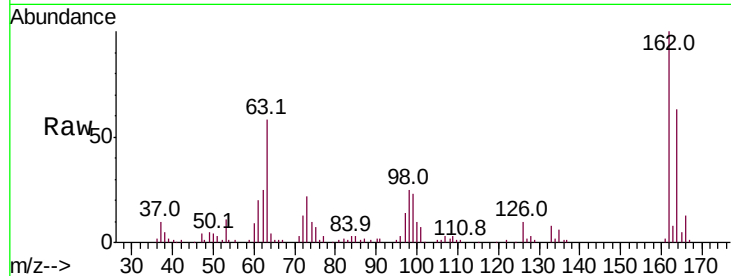
#29
 2,4-Dichlorophenol
 Concen: 42.040 ng
 RT: 10.47 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.1	42.8	82.8
98	25.5	14.5	54.5

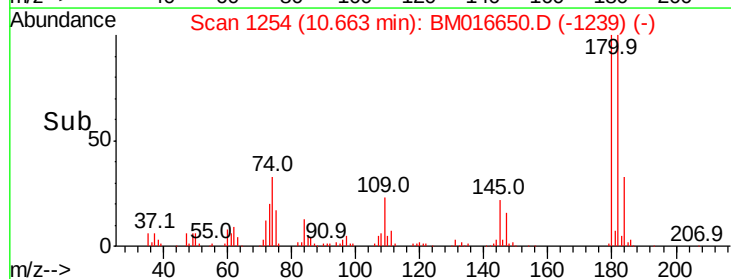
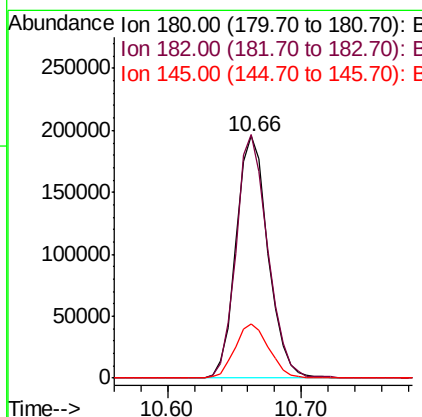
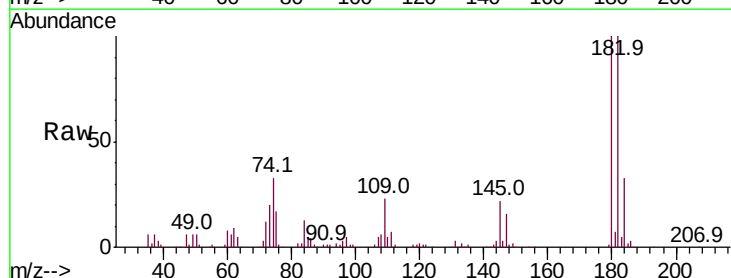
Manual Integrations
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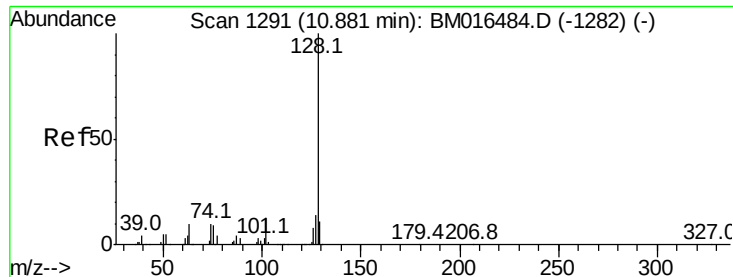
Sohil
 9/5/2018 3:29:36 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 48.510 ng
 RT: 10.66 min Scan# 1254
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	100.5	77.6	116.4
145	22.3	23.4	35.2#





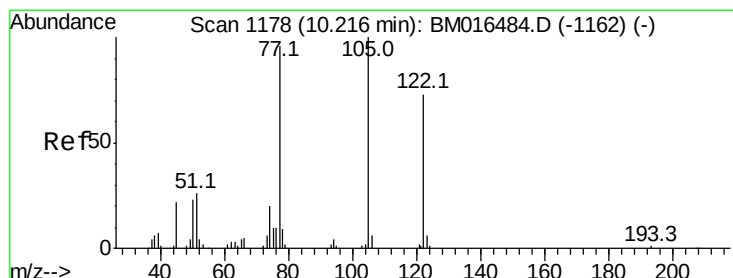
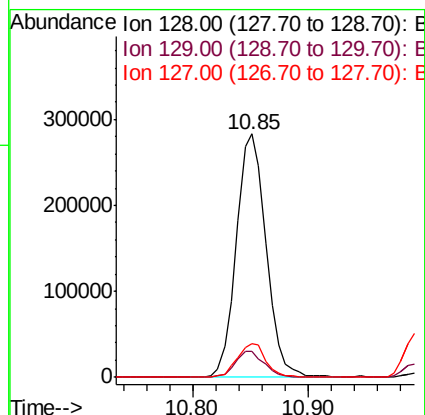
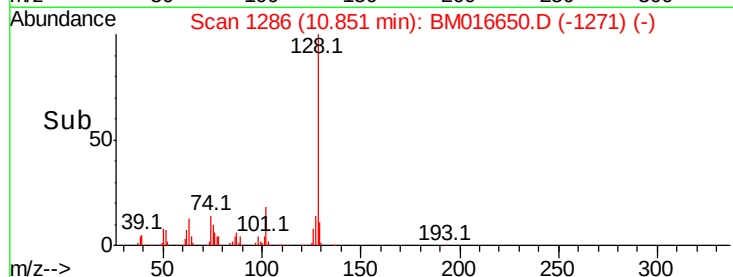
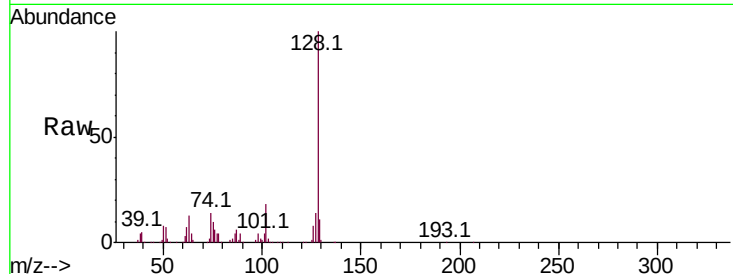
#31
Naphthalene
Concen: 43.939 ng
RT: 10.85 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	8.9	13.3	
127	14.0	10.4	15.6	

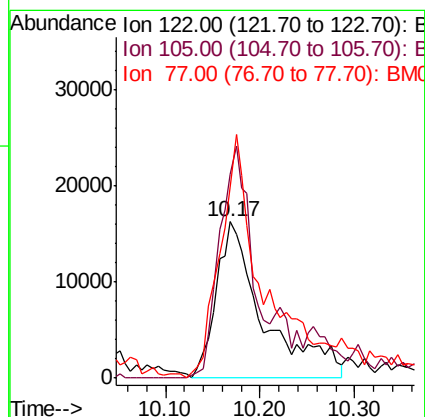
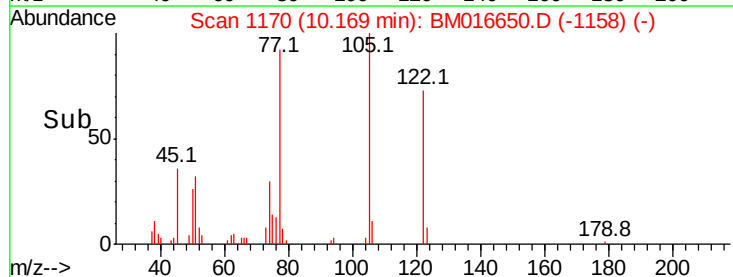
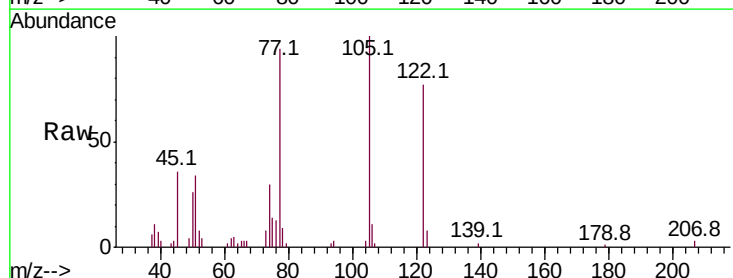
Manual Integrations
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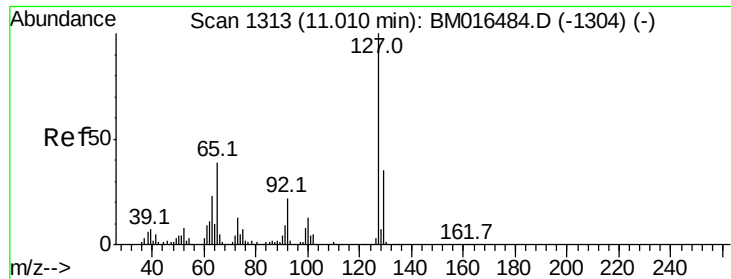
Sohil
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#32
Benzoic acid
Concen: 22.964 ng m
RT: 10.17 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	130.3	99.9	139.9	
77	122.5	73.7	113.7#	





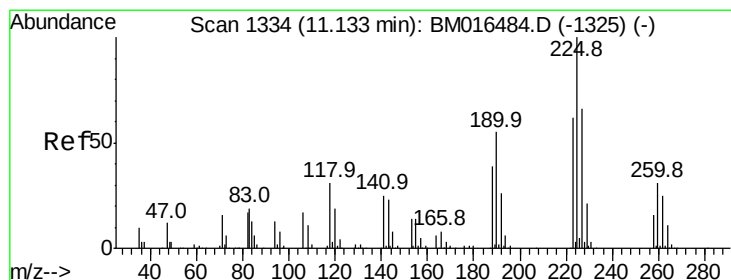
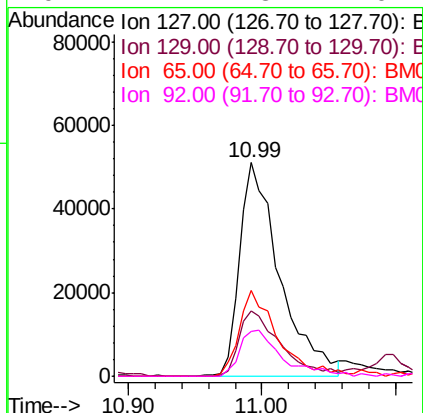
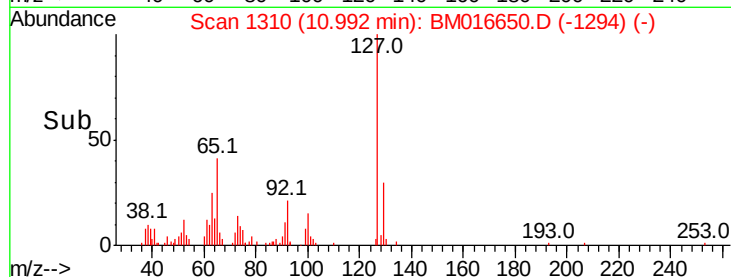
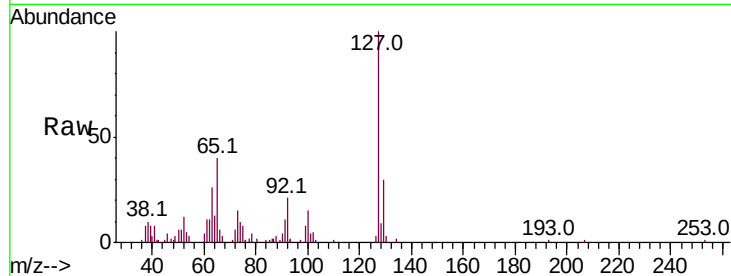
#33
4-Chloroaniline
Concen: 21.937 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.5	25.3	37.9	
65	40.5	17.6	26.4	
92	21.2	13.1	19.7	

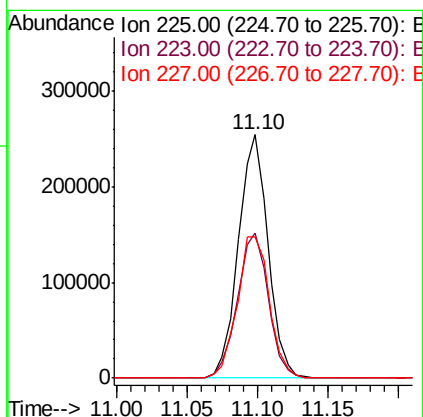
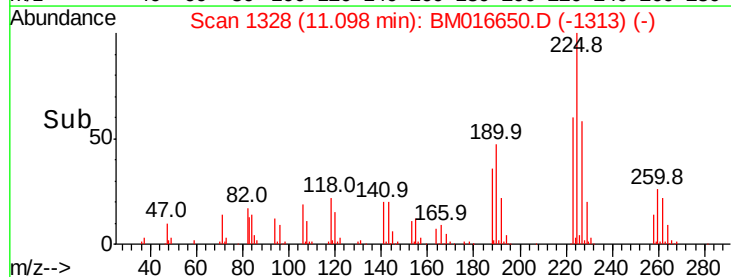
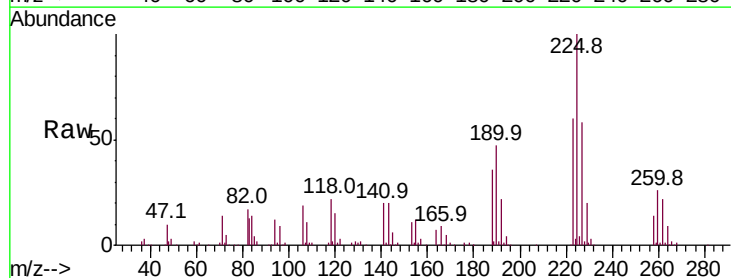
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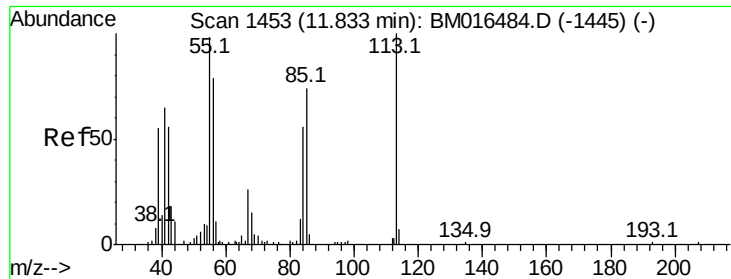
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#34
Hexachlorobutadiene
Concen: 58.574 ng
RT: 11.10 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.7	47.9	71.9	
227	57.8	50.1	75.1	





#35

Caprolactam

Concen: 26.580 ng

RT: 11.81 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

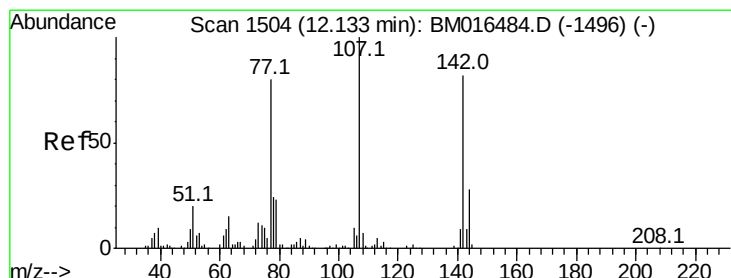
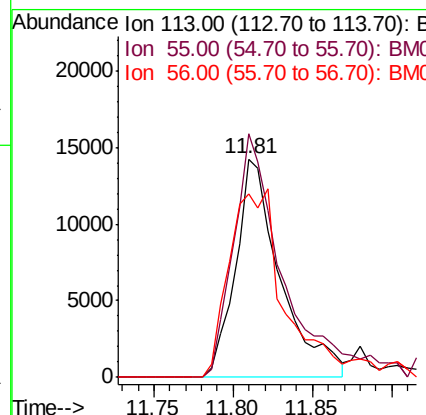
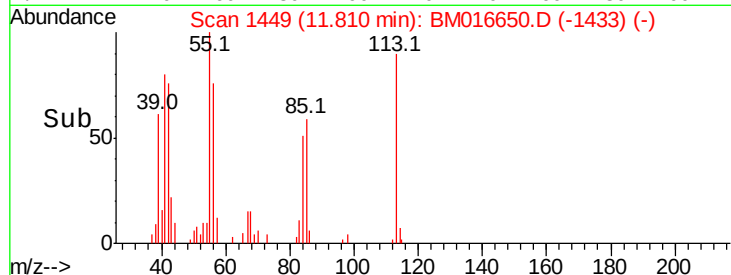
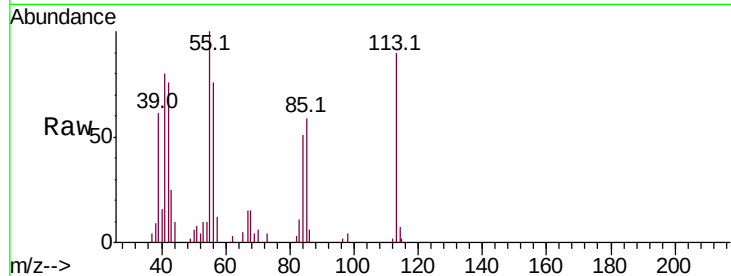
ClientSampleId :

PB112568BSD

Tot Ion:	113	Resp:	28132
Ion Ratio	Lower	Upper	
113	100		
55	111.4	145.9	185.9#
56	84.1	101.0	141.0#

Manual Integrations
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9/5/2018 3:29:36 PM



#36

4-Chloro-3-methylphenol

Concen: 35.824 ng

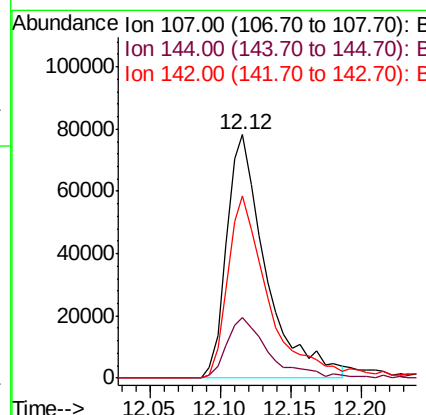
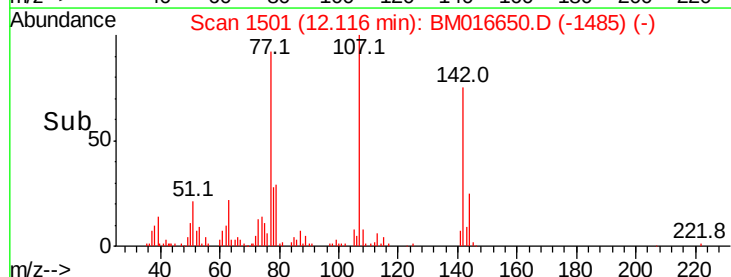
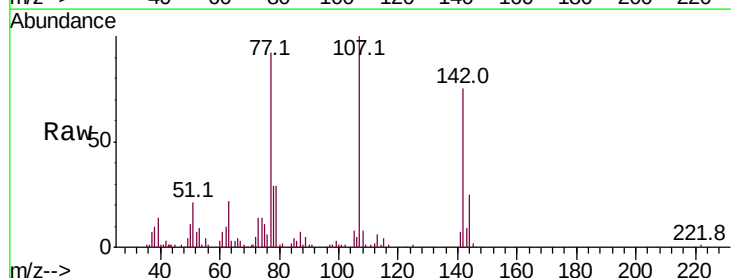
RT: 12.12 min Scan# 1501

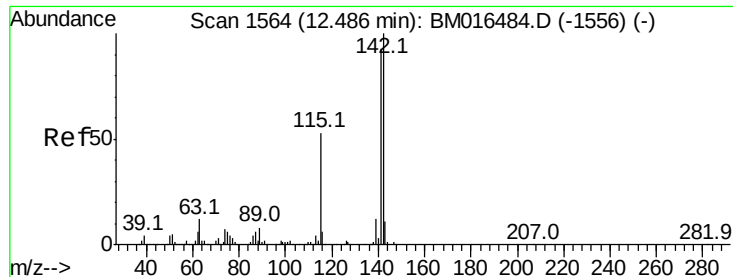
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion:	107	Resp:	151910
Ion Ratio	Lower	Upper	
107	100		
144	24.9	23.3	34.9
142	74.9	72.6	109.0





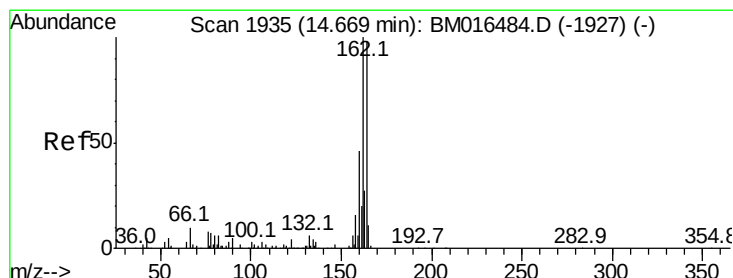
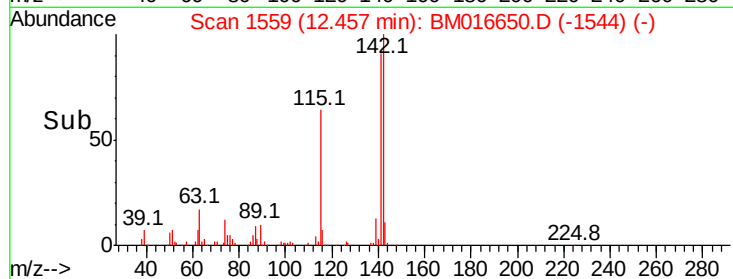
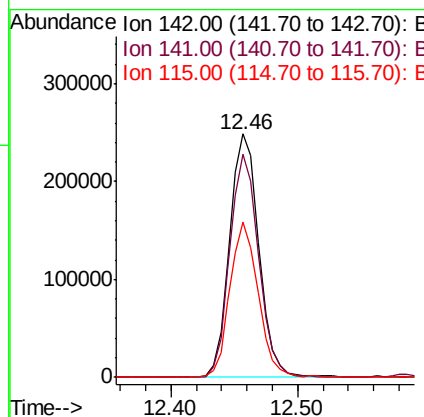
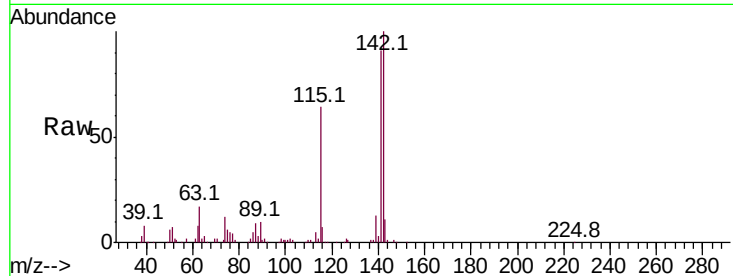
#37
2-Methylnaphthalene
Concen: 43.800 ng
RT: 12.46 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	394921		
141	91.5	71.9	107.9	
115	63.8	25.4	38.0	

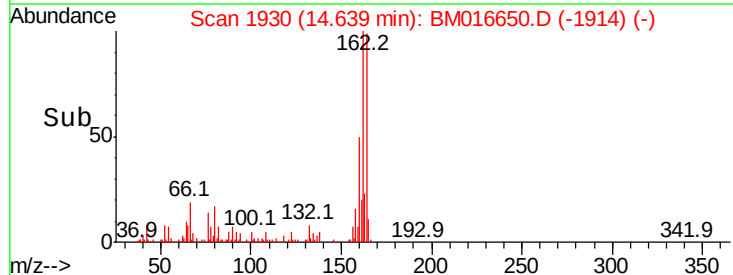
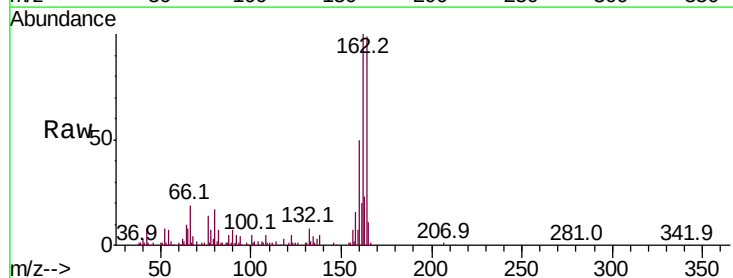
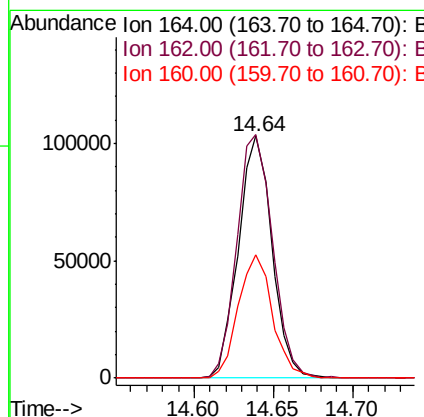
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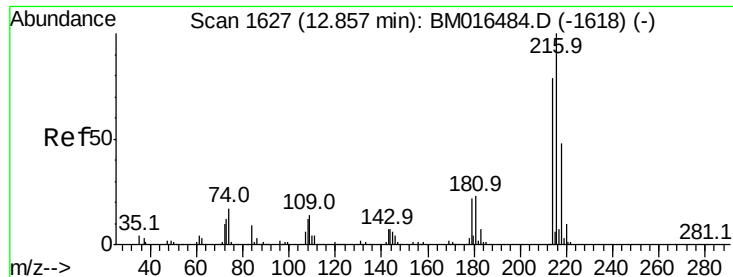
Sohil
9/5/2018 3:29:36 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	151849		
162	100.7	82.4	123.6	
160	50.8	35.8	53.6	





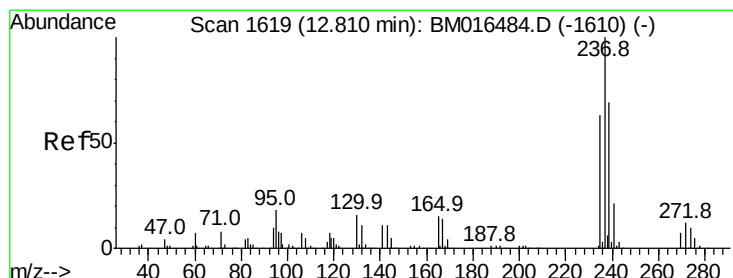
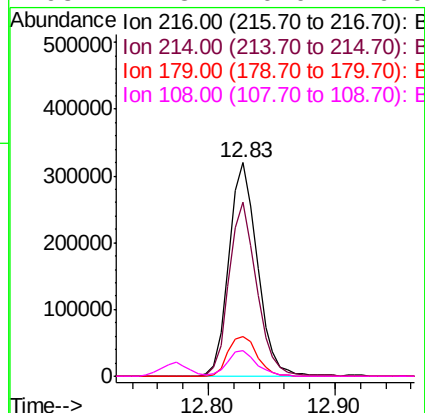
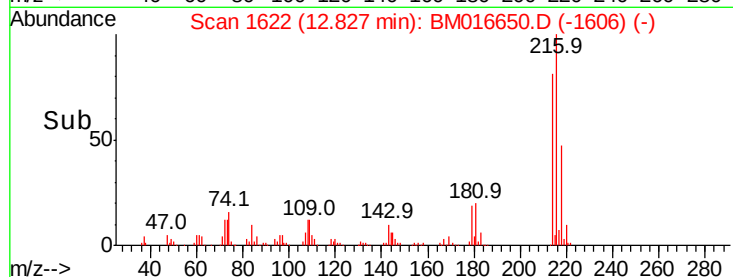
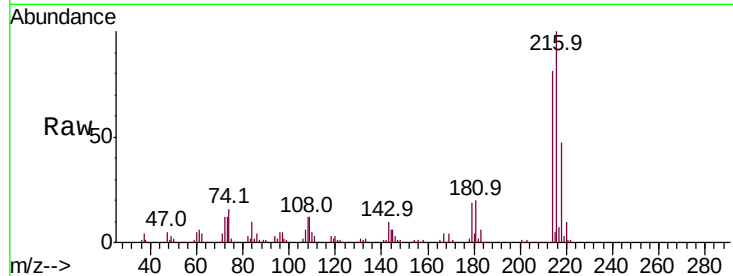
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.842 ng
 RT: 12.83 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	0.0	0.0#
179	19.3	0.0	0.0#
108	12.3	0.0	0.0#

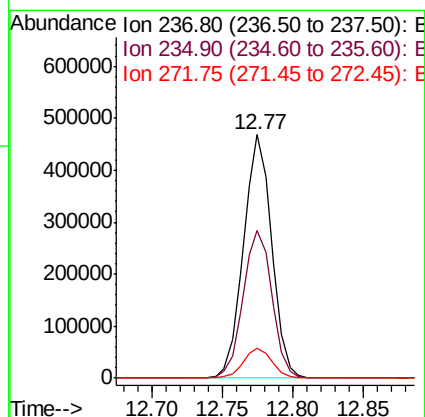
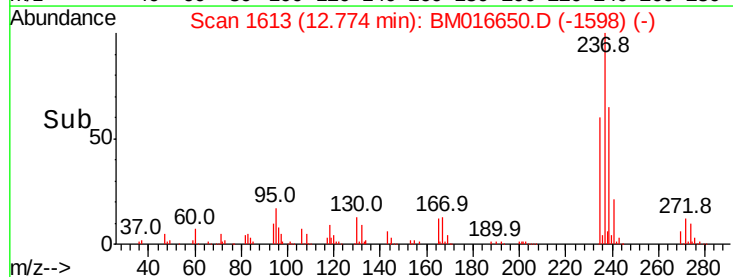
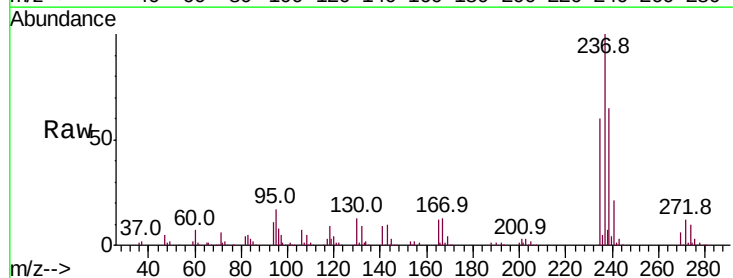
Manual Integrations
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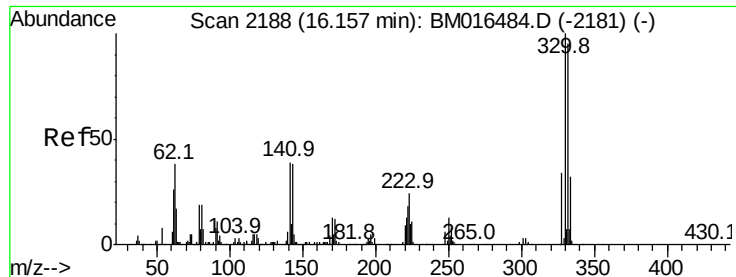
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 133.590 ng
 RT: 12.77 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.4	42.0	82.0
272	12.2	0.0	33.4





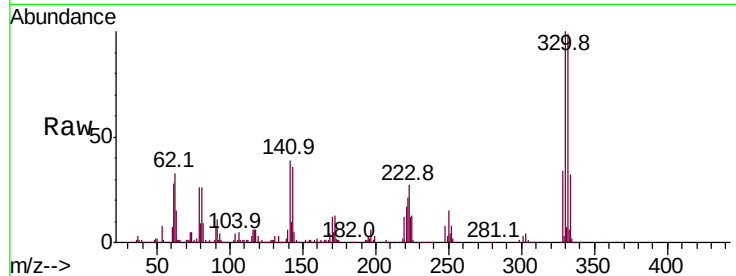
#41
 2,4,6-Tribromophenol
 Concen: 91.438 ng
 RT: 16.13 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.5	0.0	0.0#
141	39.9	0.0	0.0#

Manual Integrations
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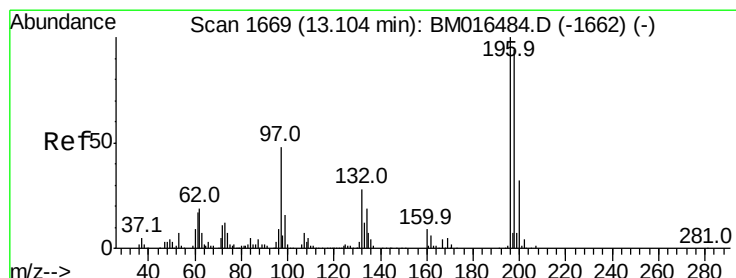
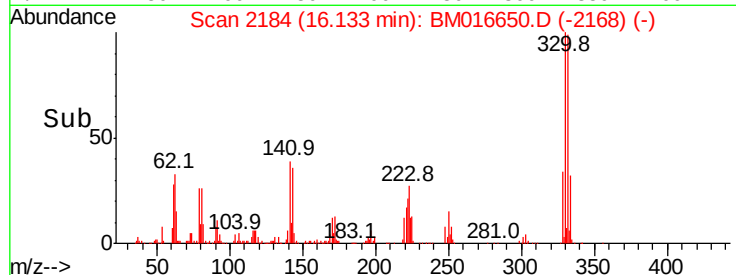
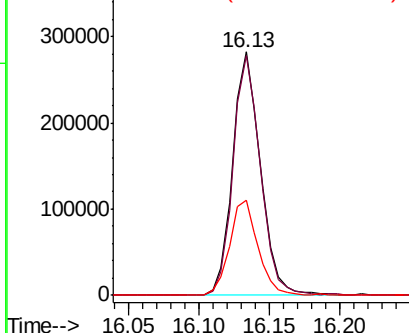


Abundance

Ion 329.80 (329.50 to 330.50): E

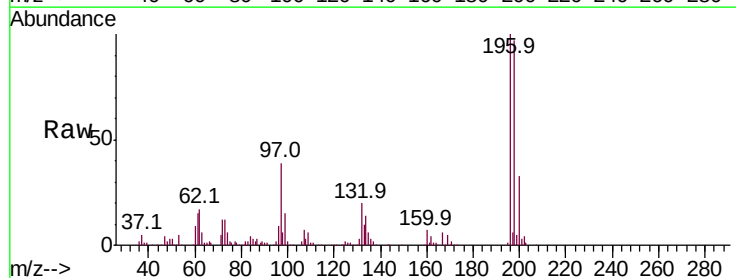
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 49.083 ng
 RT: 13.09 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	96.6	76.3	114.5
200	33.1	25.6	38.4

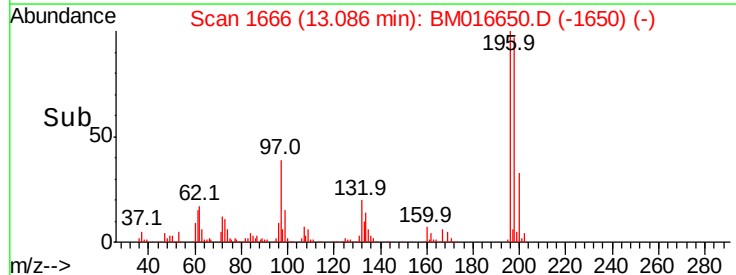
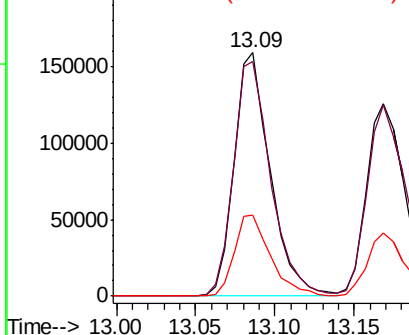


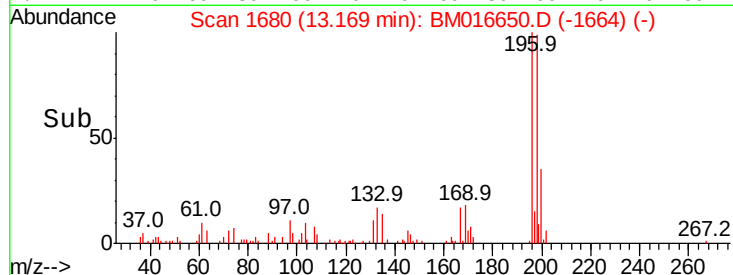
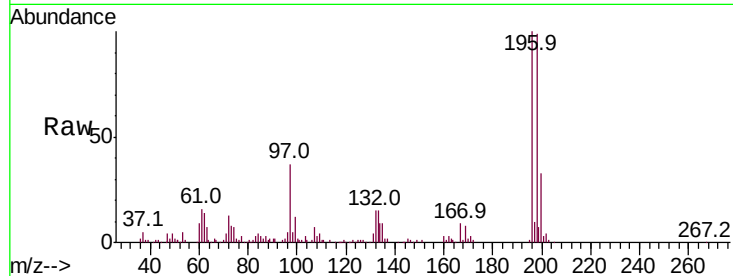
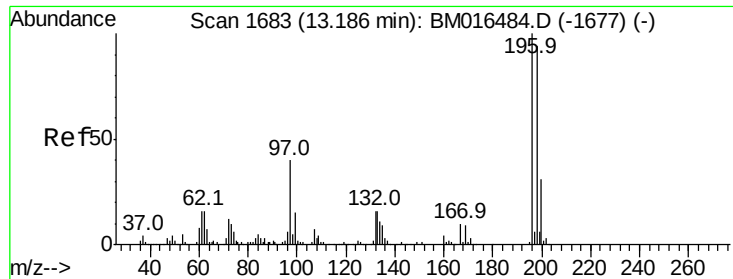
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





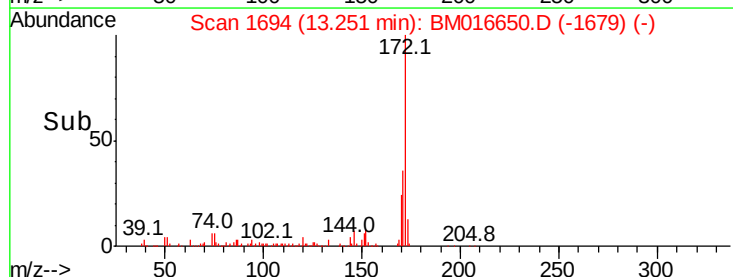
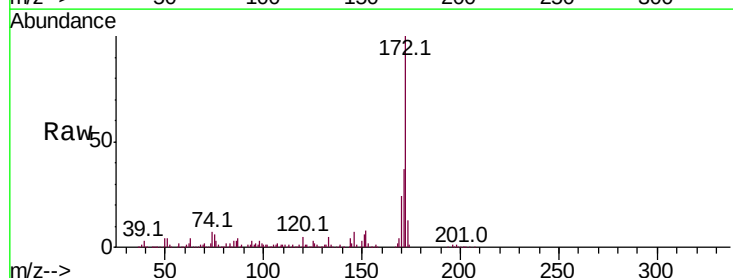
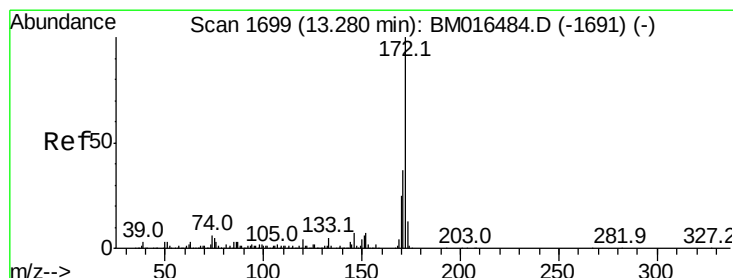
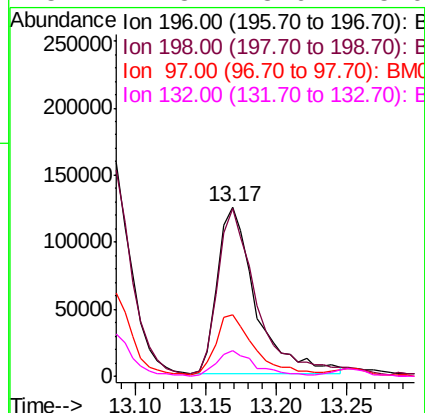
#43
 2,4,5-Trichlorophenol
 Concen: 46.735 ng
 RT: 13.17 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.3	79.4	119.0	
97	36.6	26.8	40.2	
132	14.8	18.6	28.0	

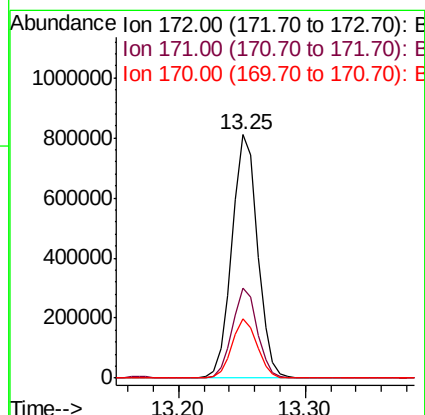
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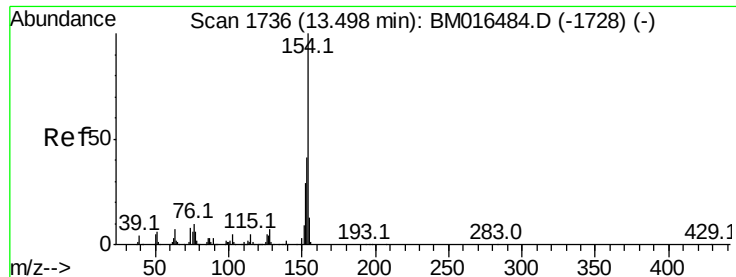
Sohil
 9/5/2018 3:29:36 PM



#44
 2-Fluorobiphenyl
 Concen: 71.329 ng
 RT: 13.25 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.8	28.5	42.7	
170	24.1	18.8	28.2	





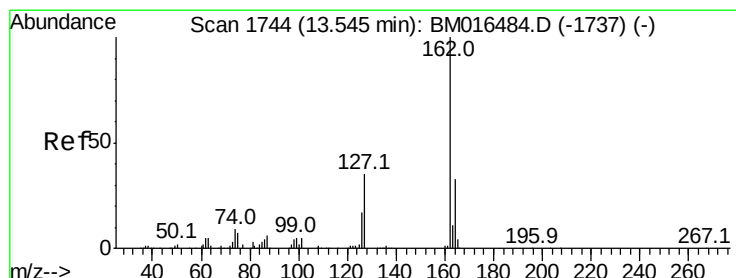
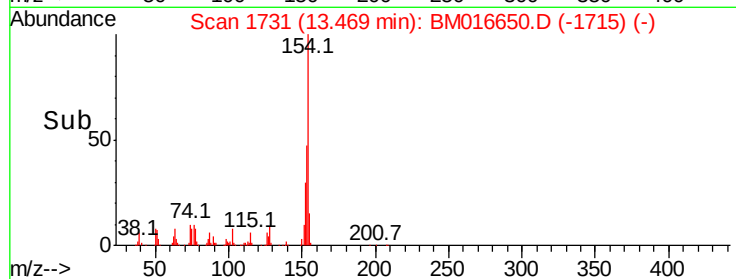
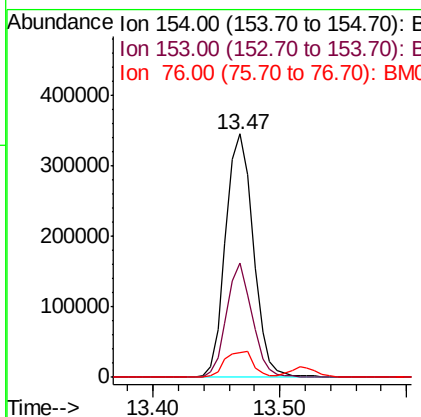
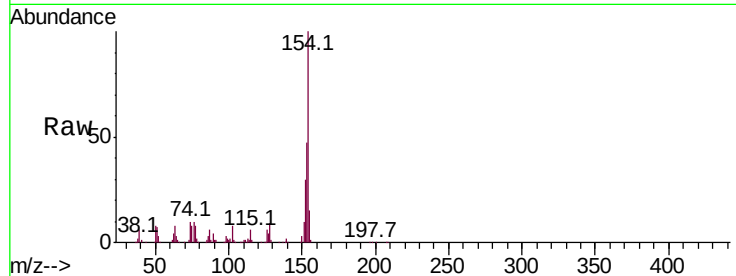
#45
 1,1'-Biphenyl
 Concen: 39.442 ng
 RT: 13.47 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	47.1	20.7	60.7	
76	10.4	0.0	30.9	

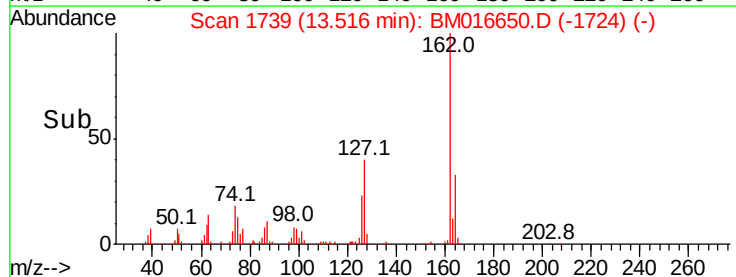
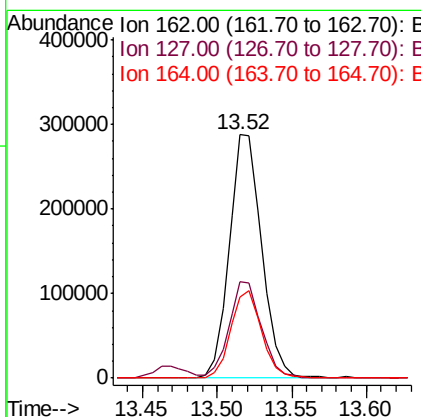
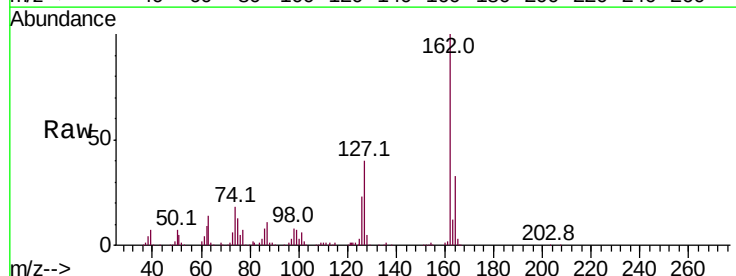
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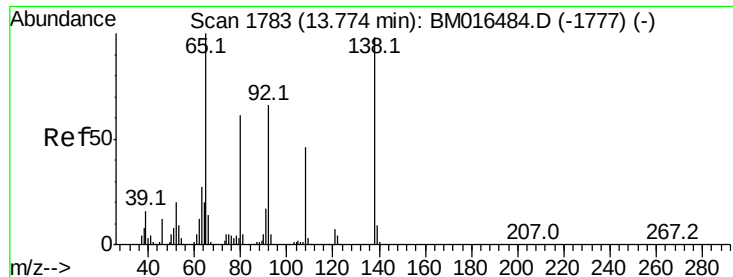
Sohil
 9/5/2018 3:29:36 PM



#46
 2-Chloronaphthalene
 Concen: 40.497 ng
 RT: 13.52 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.7	26.9	40.3	
164	33.1	26.8	40.2	





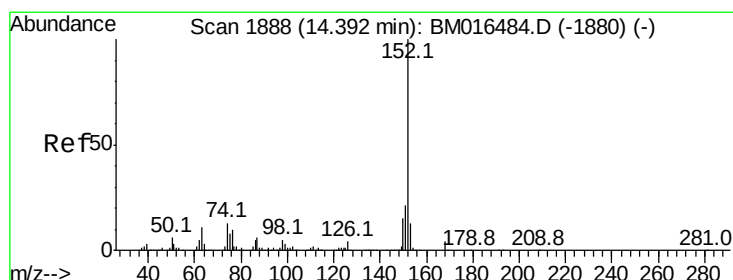
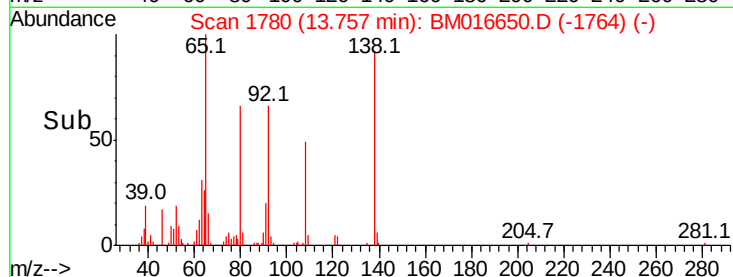
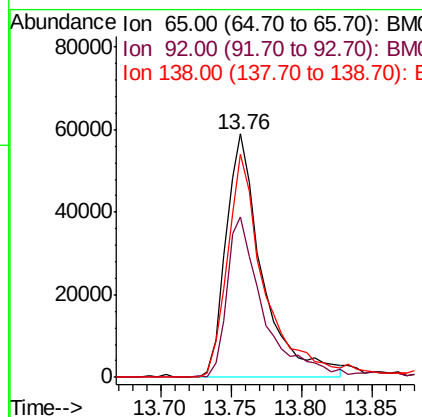
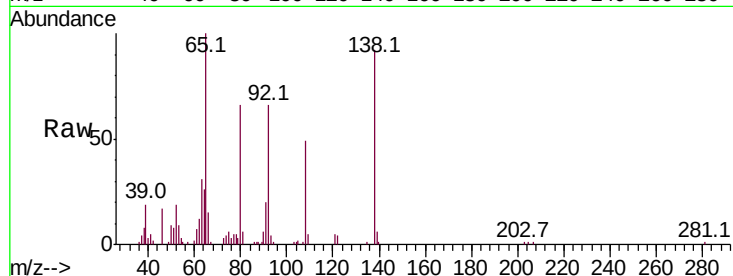
#47
2-Nitroaniline
Concen: 36.758 ng
RT: 13.76 min Scan# 1780
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	66.1	59.1	88.7	
138	91.8	93.9	140.9	

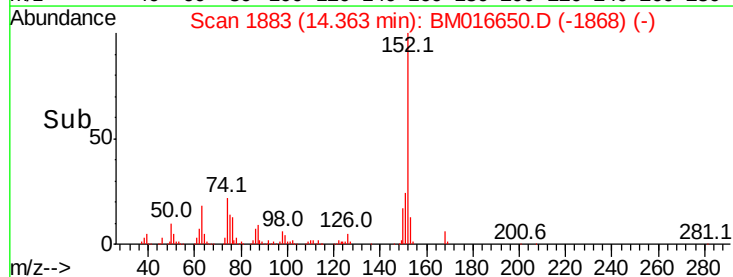
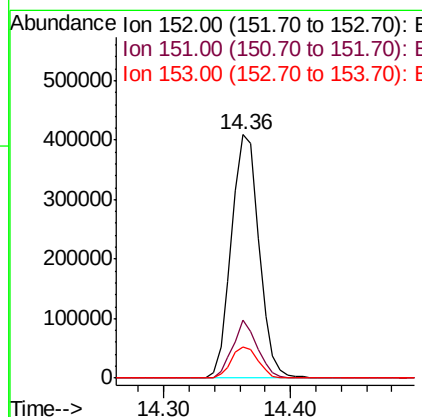
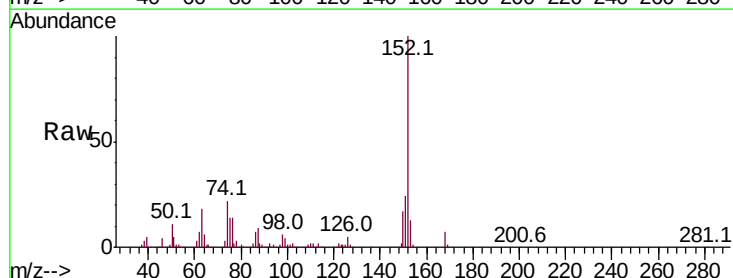
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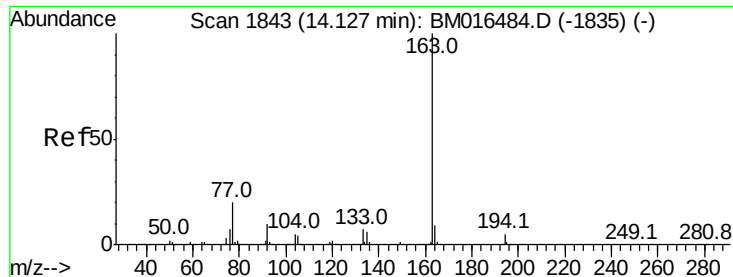
Sohil
9/5/2018 3:29:36 PM



#48
Acenaphthylene
Concen: 40.416 ng
RT: 14.36 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	24.1	15.9	23.9	
153	13.0	10.6	16.0	





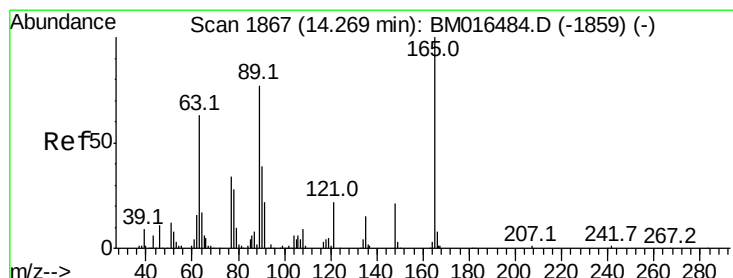
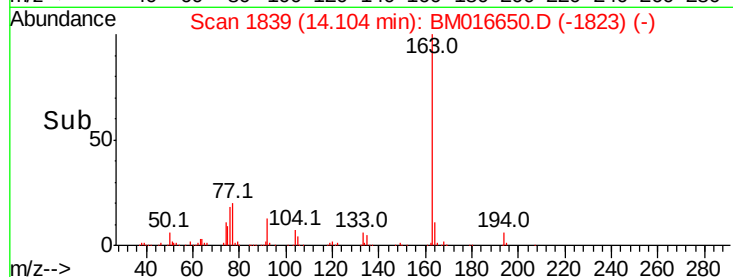
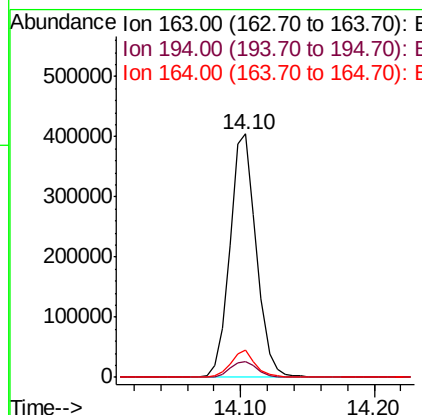
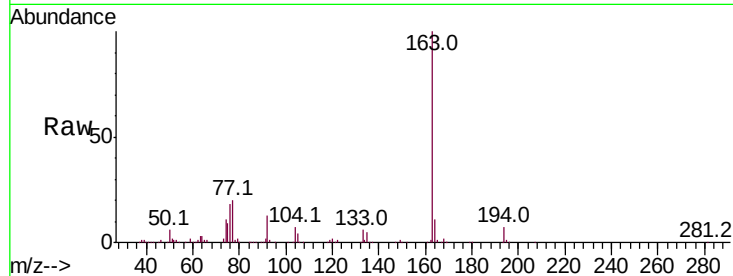
#49
Dimethylphthalate
Concen: 38.312 ng
RT: 14.10 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	558920		
194	6.6	2.7	4.1#	
164	11.0	8.2	12.2	

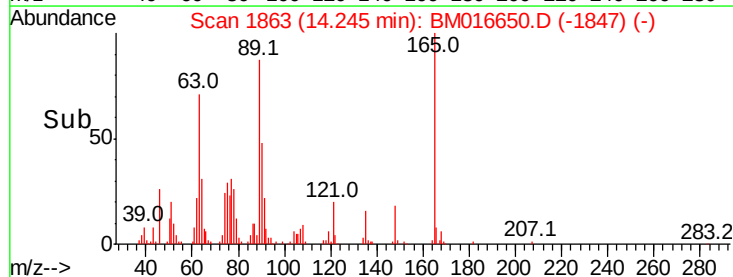
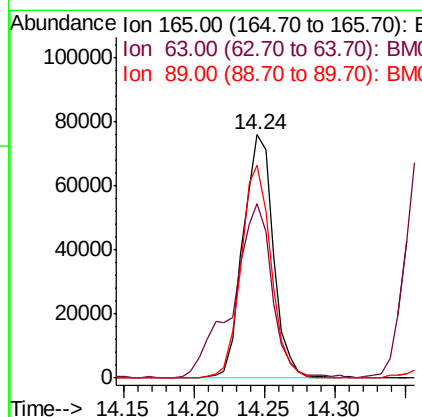
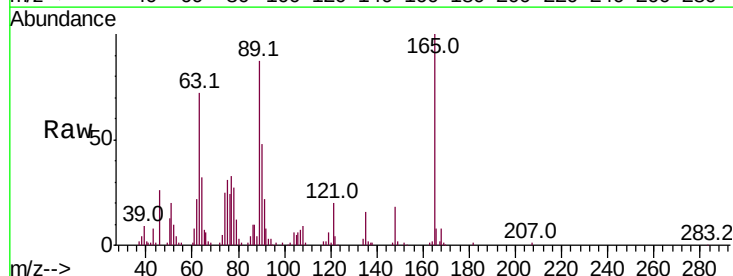
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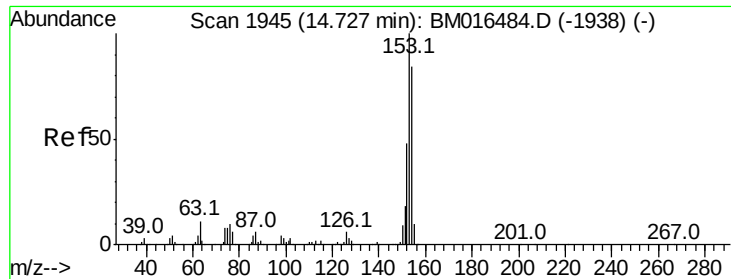
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.152 ng
RT: 14.24 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	114252		
63	71.7	44.1	66.1#	
89	87.4	44.3	66.5#	





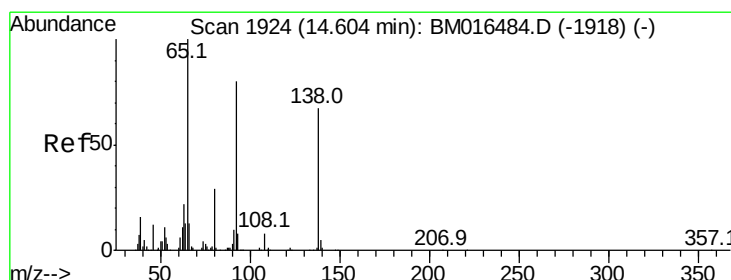
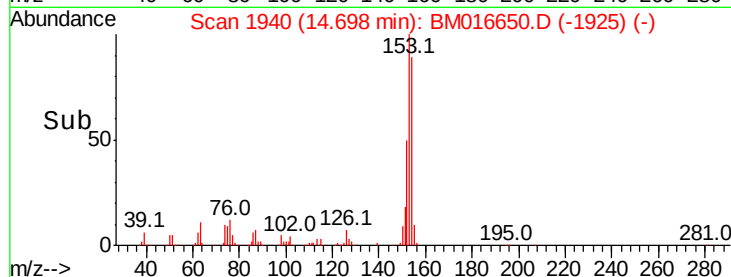
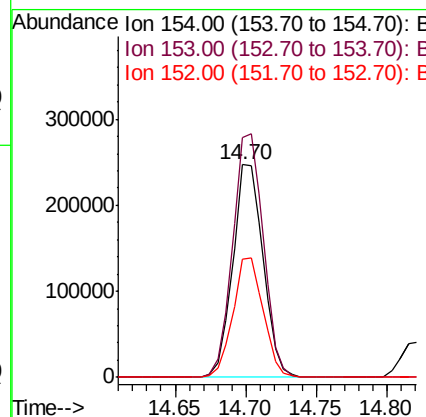
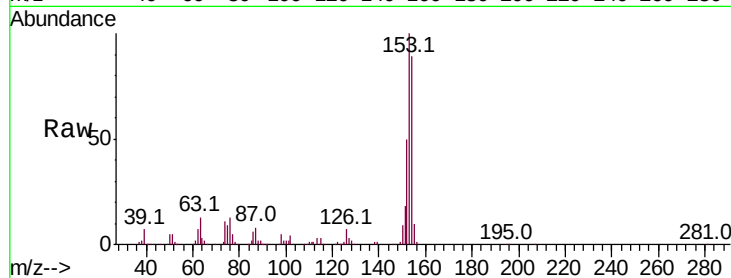
#51
Acenaphthene
Concen: 39.416 ng
RT: 14.70 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.0	135.0
152	55.7	42.6	63.8

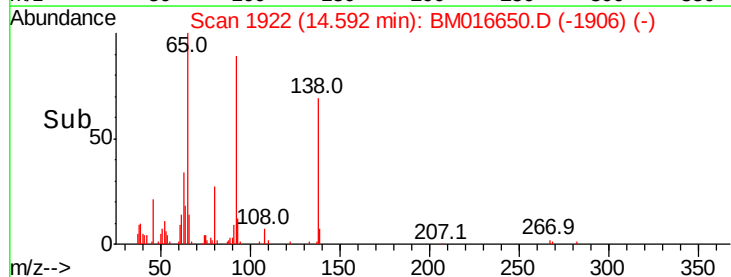
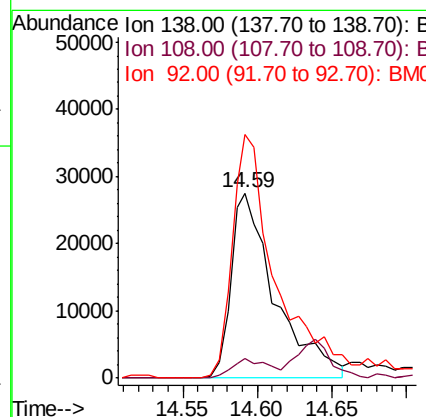
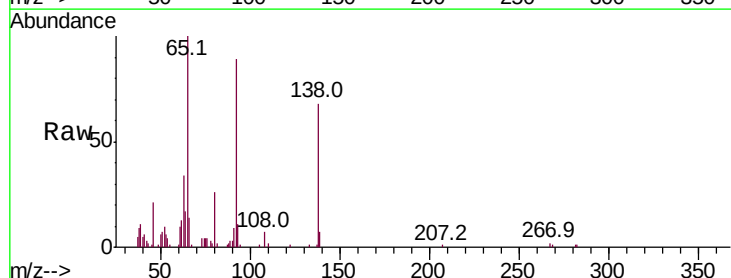
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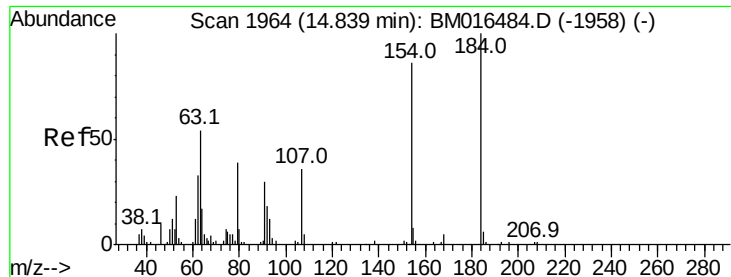
Sohil
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#52
3-Nitroaniline
Concen: 21.961 ng
RT: 14.59 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	7.3	10.9
92	131.4	76.6	114.8#





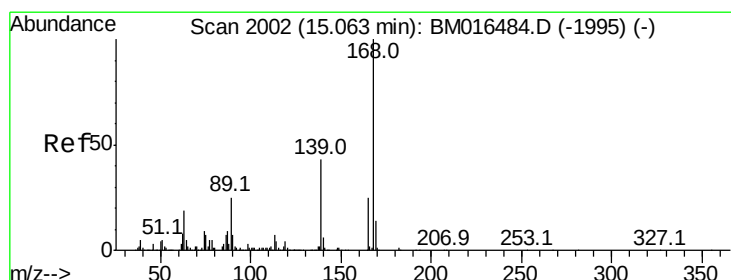
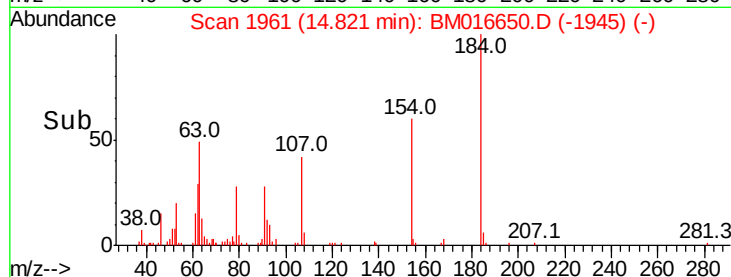
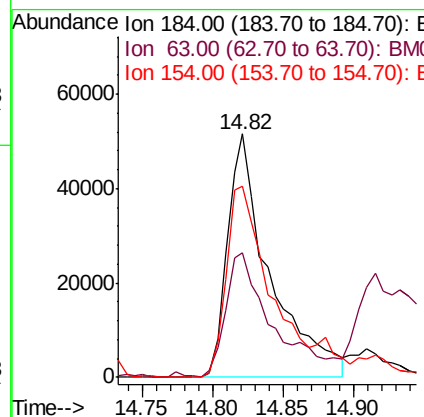
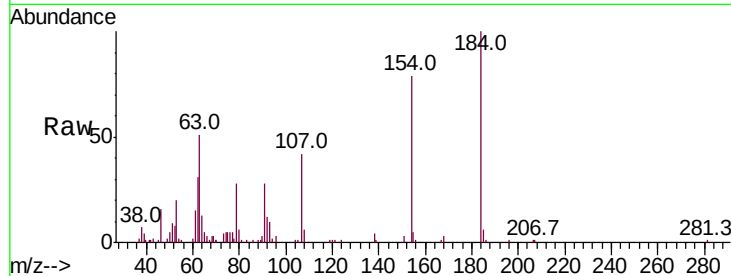
#53
2,4-Dinitrophenol
Concen: 75.178 ng
RT: 14.82 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	51.1	69.2	103.8#	
154	78.6	53.3	79.9	

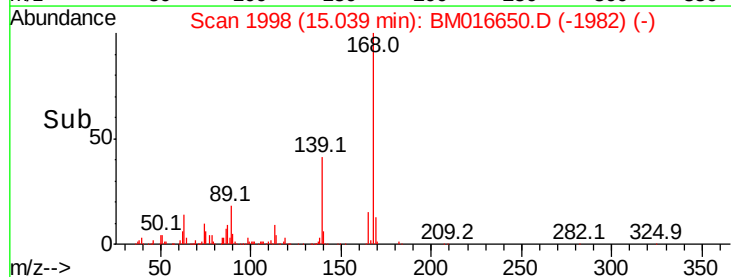
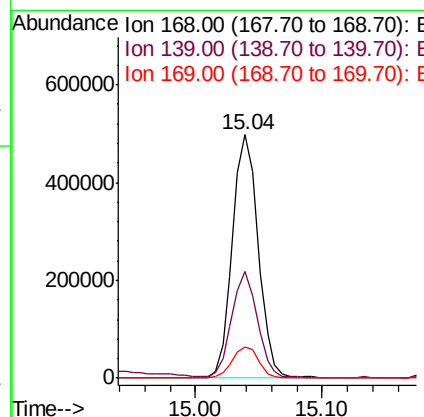
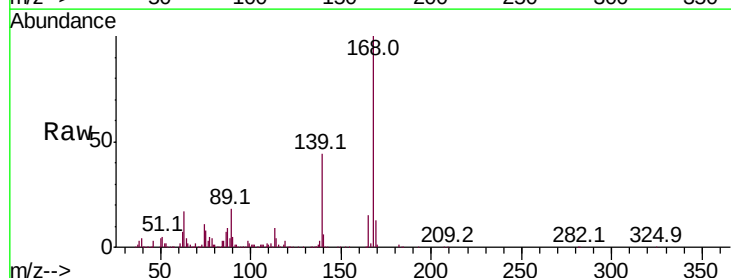
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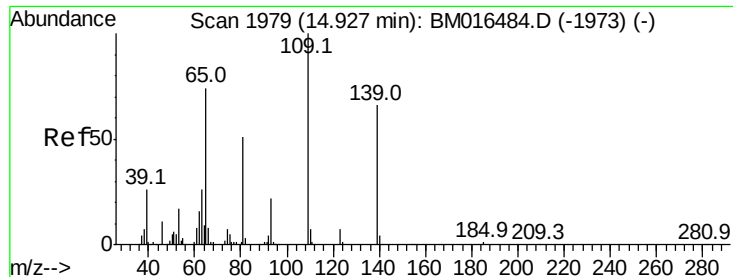
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#54
Dibenzofuran
Concen: 39.024 ng
RT: 15.04 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	43.9	27.3	40.9#	
169	12.8	10.6	16.0	





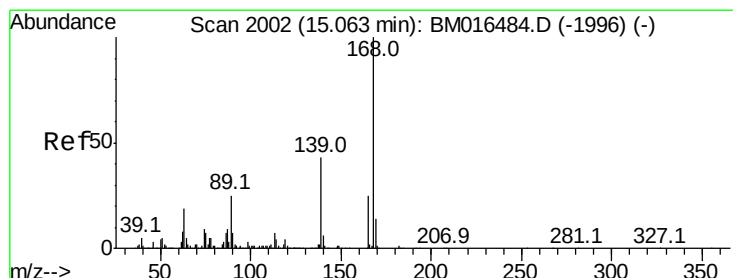
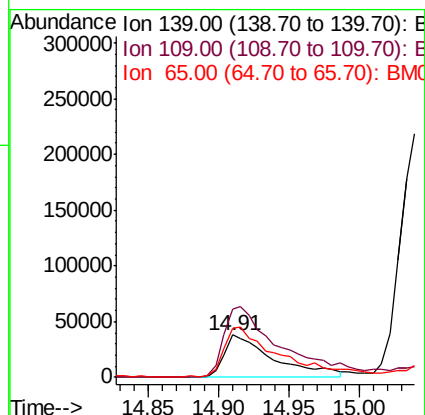
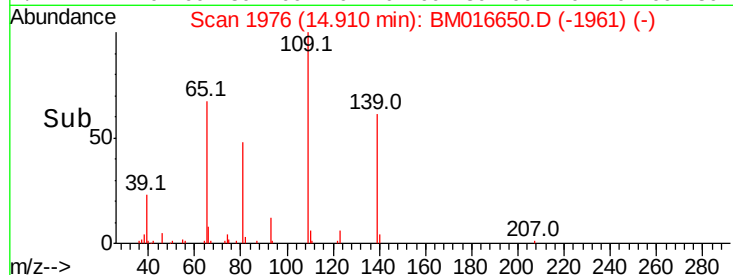
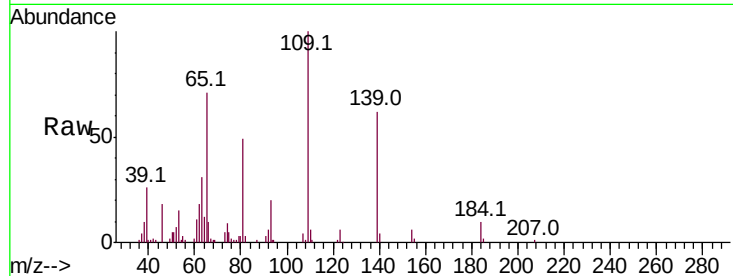
#55
4-Nitrophenol
Concen: 56.811 ng
RT: 14.91 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	160.8	130.0	170.0
65	114.7	130.0	170.0

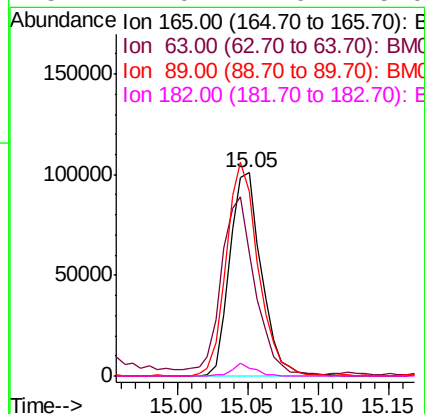
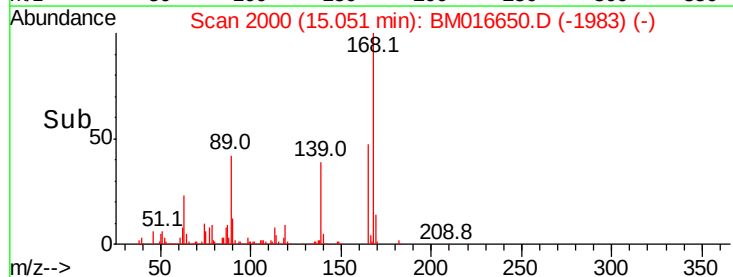
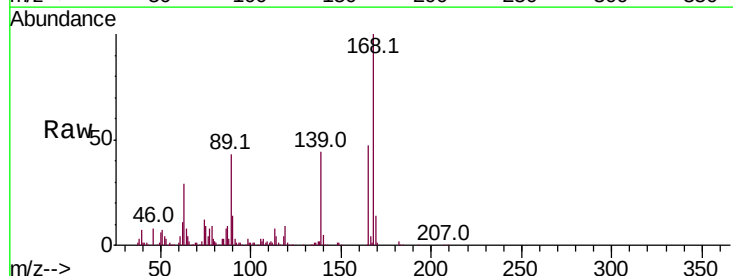
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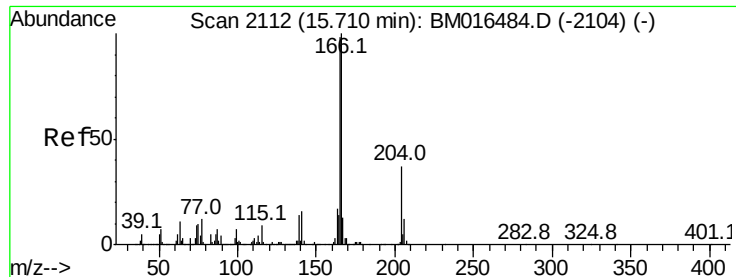
Sohil
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#56
2,4-Dinitrotoluene
Concen: 33.305 ng
RT: 15.05 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	60.6	52.4	78.6
89	90.7	72.4	108.6
182	4.0	2.0	3.0





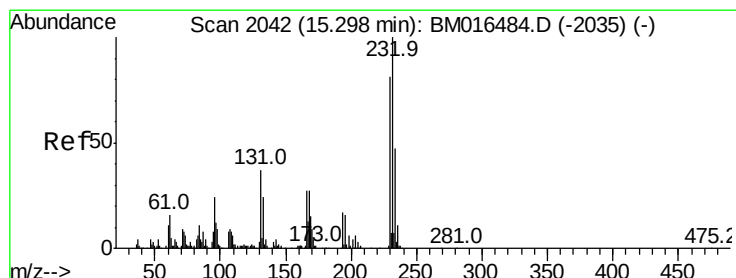
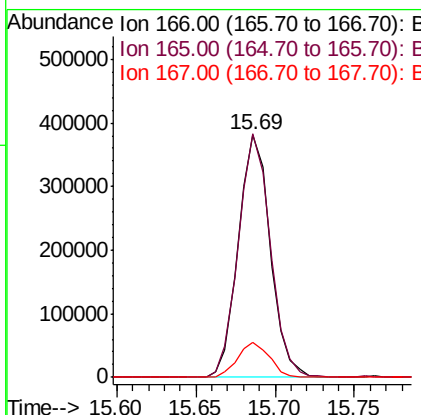
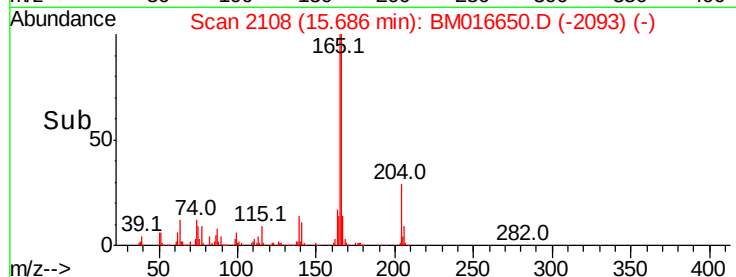
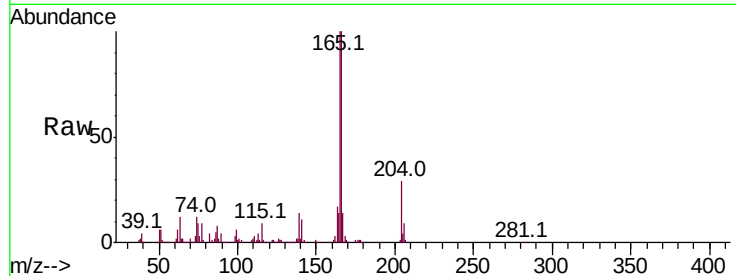
#57
 Fluorene
 Concen: 39.391 ng
 RT: 15.69 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleID :
 PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.2	79.0	118.4	
167	14.5	10.3	15.5	

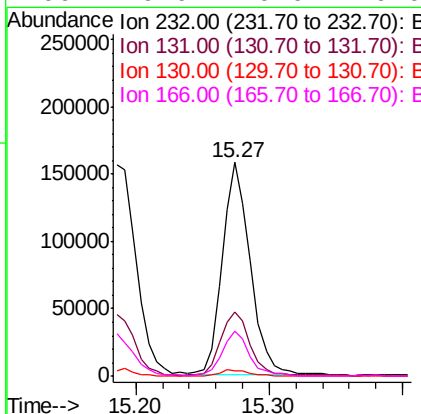
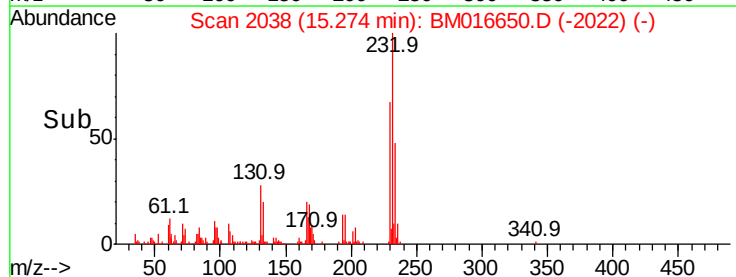
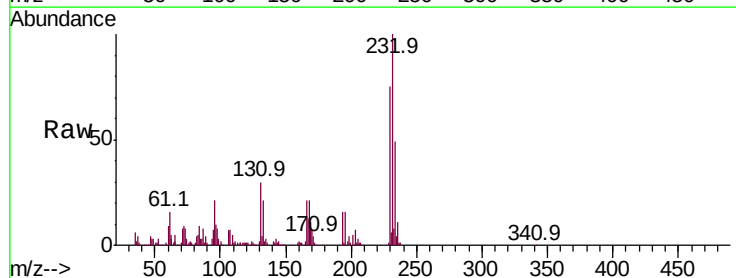
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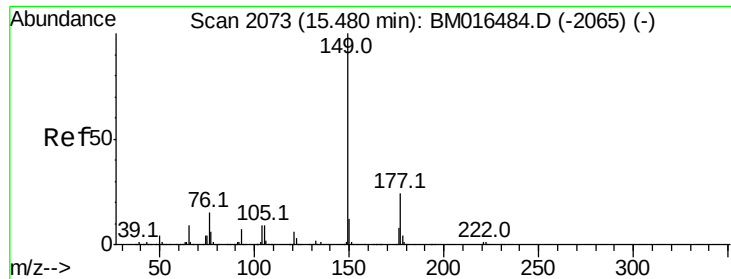
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.245 ng
 RT: 15.27 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	30.4	0.0	0.0#	
130	3.1	0.0	0.0#	
166	20.6	0.0	0.0#	





#59

Diethylphthalate

Concen: 35.642 ng

RT: 15.45 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

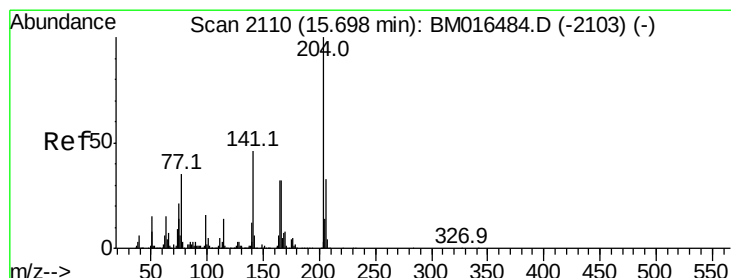
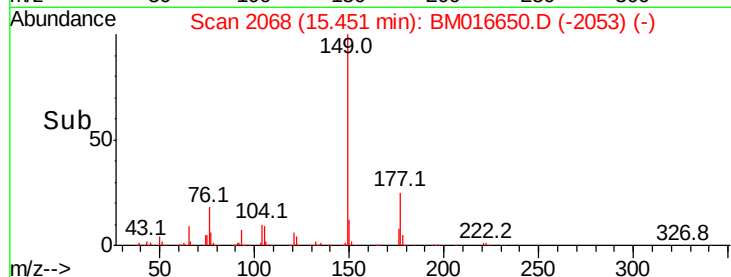
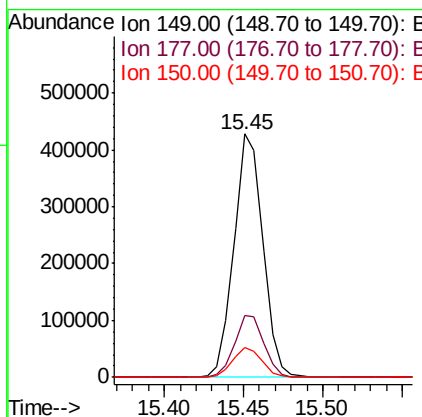
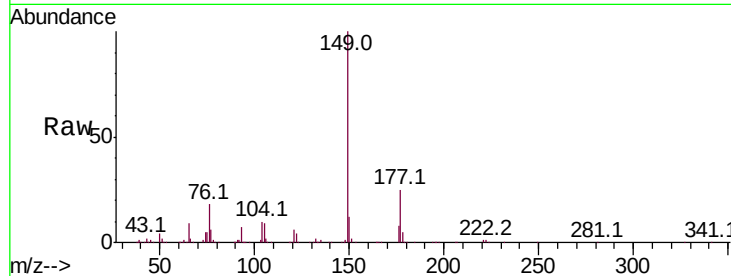
ClientSampleId :

PB112568BSD

Tot Ion:	149	Resp:	542159
Ion Ratio	Lower	Upper	
149	100		
177	25.4	18.3	27.5
150	12.1	9.8	14.8

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 45.142 ng

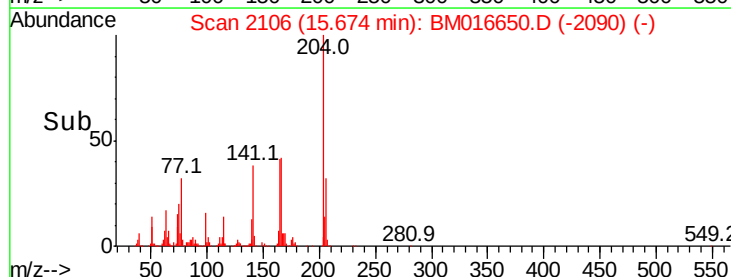
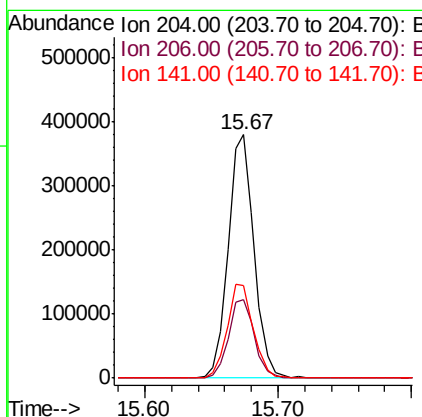
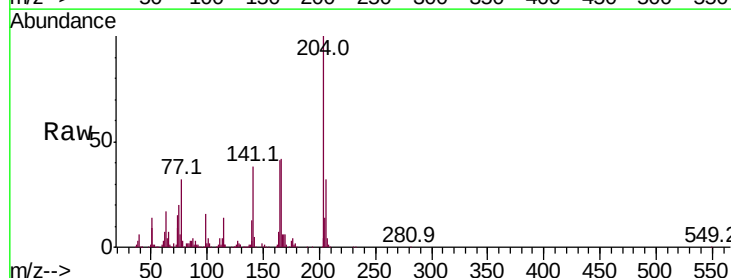
RT: 15.67 min Scan# 2106

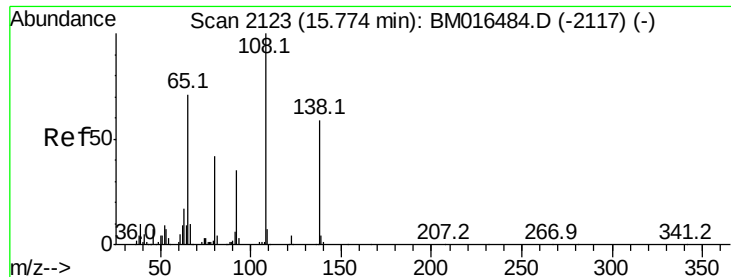
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion:	204	Resp:	513571
Ion Ratio	Lower	Upper	
204	100		
206	32.2	26.6	39.8
141	38.1	45.2	67.8#





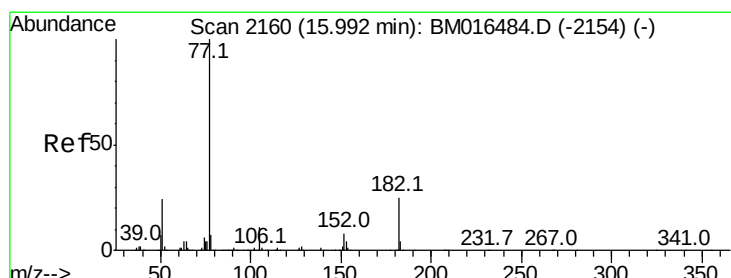
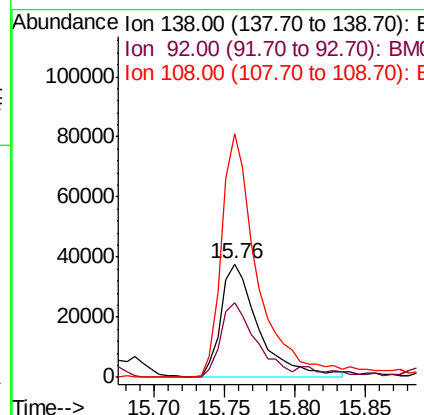
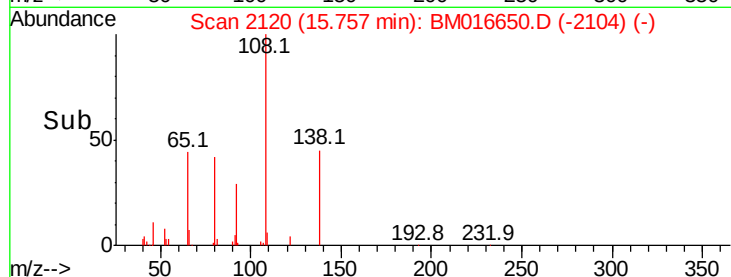
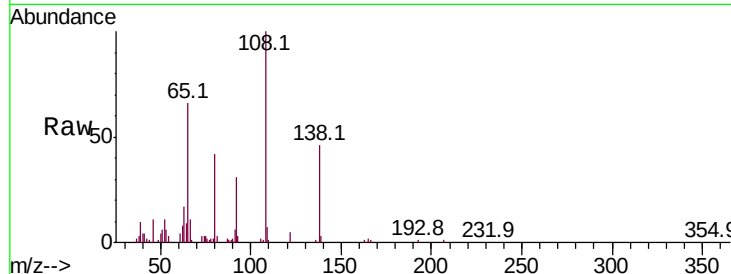
#61
4-Nitroaniline
Concen: 27.790 ng
RT: 15.76 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	66.5	16.7	56.7#
108	215.3	37.6	77.6#

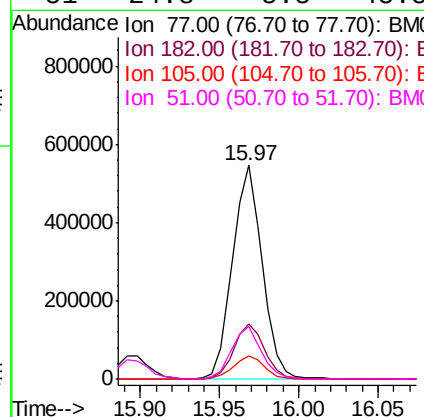
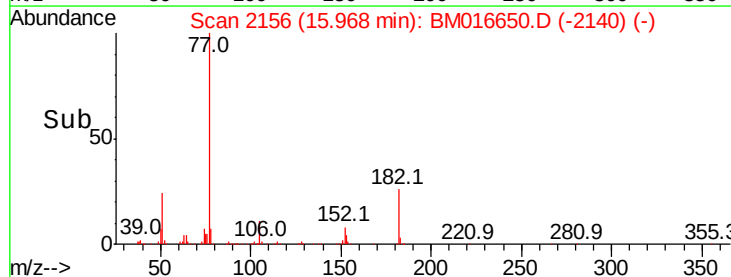
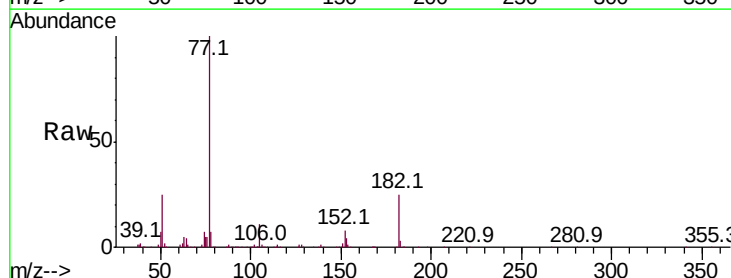
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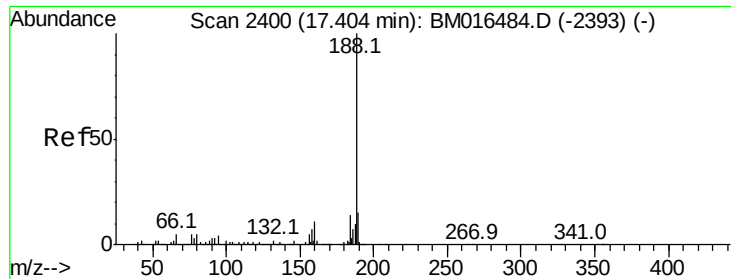
Sohil
9/5/2018 3:29:36 PM



#62
Azobenzene
Concen: 43.468 ng
RT: 15.97 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.5	6.5	46.5
105	11.0	3.8	43.8
51	24.8	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.38 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

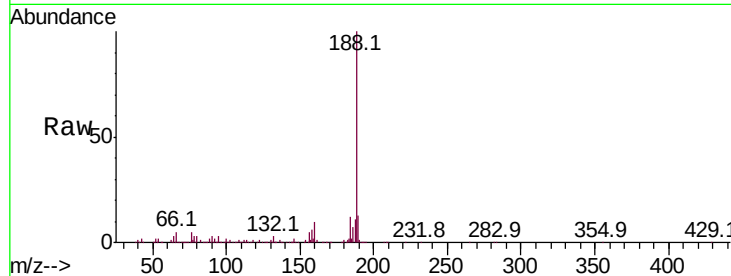
ClientSampleId :

PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	3.4	8.7	13.1#	
80	3.2	9.3	13.9#	

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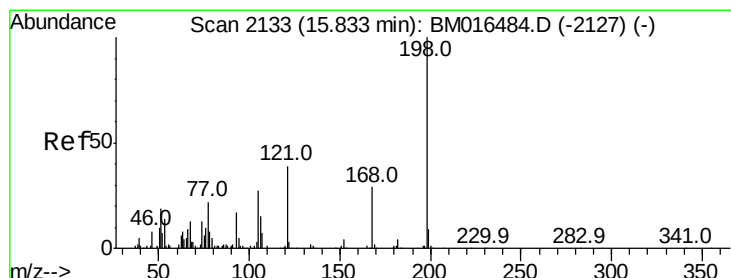
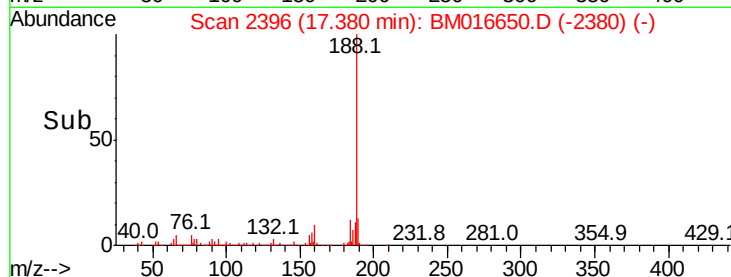
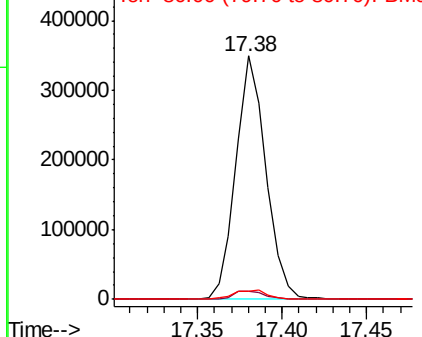
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#64

4,6-Dinitro-2-methylphenol

Concen: 33.640 ng

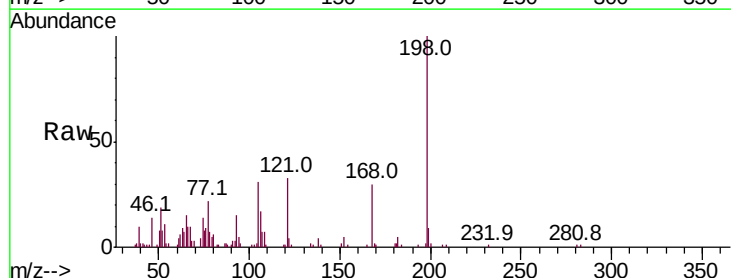
RT: 15.82 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

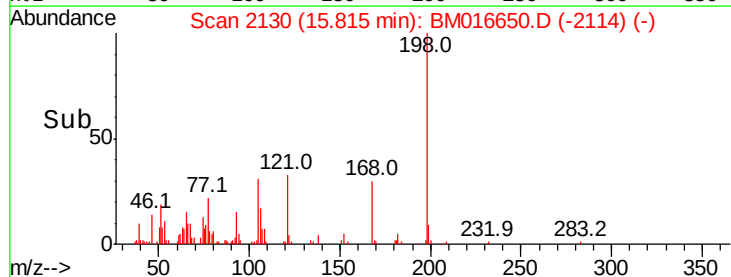
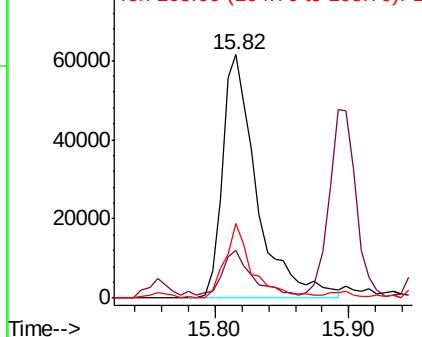
Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	19.4	28.8	68.8#	
105	30.7	30.5	70.5	

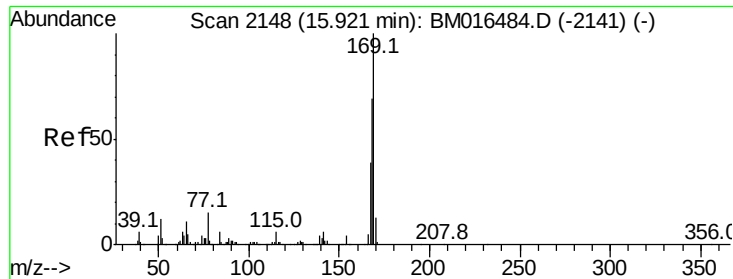


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E





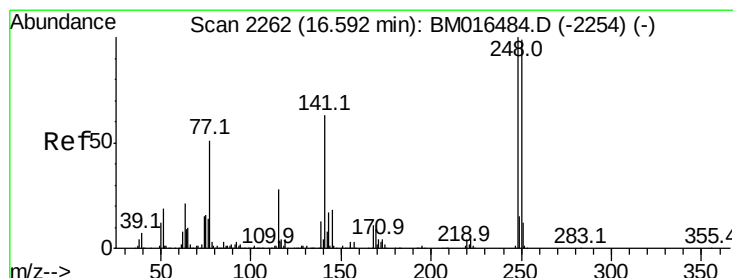
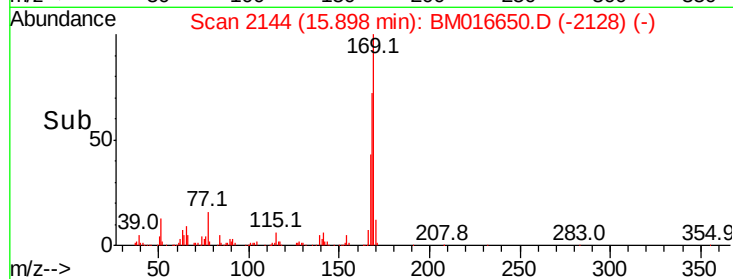
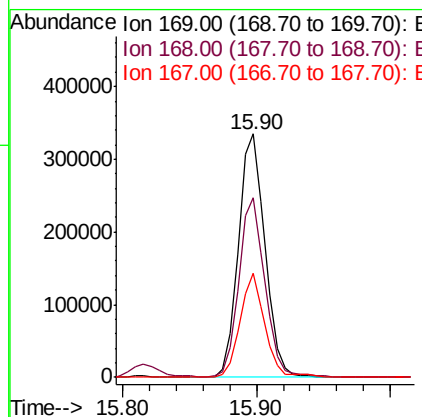
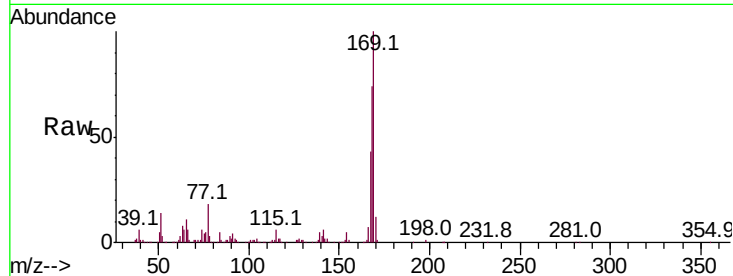
#65
 n-Nitrosodiphenylamine
 Concen: 37.781 ng
 RT: 15.90 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	73.5	53.9	80.9	
167	43.0	28.9	43.3	

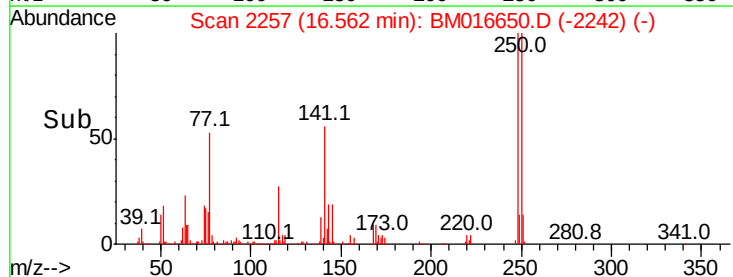
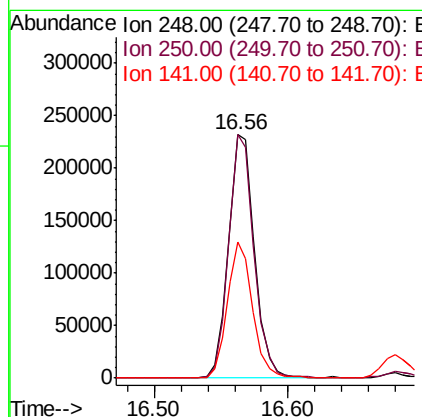
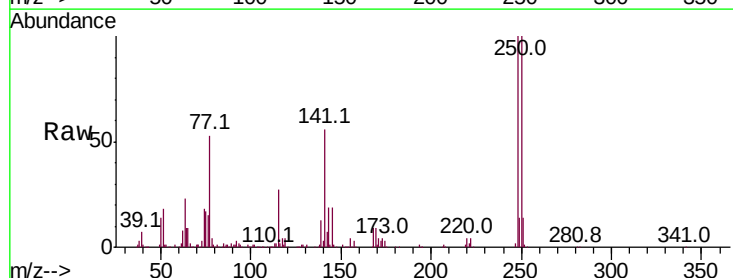
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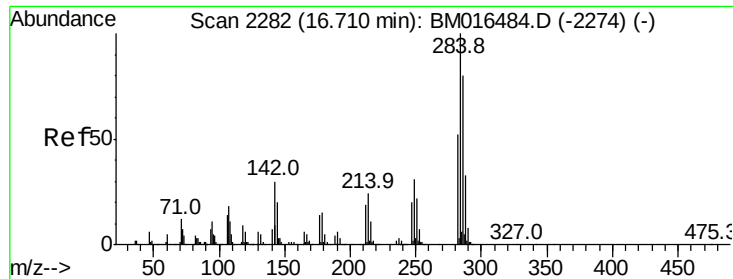
Sohil
 9/5/2018 3:29:36 PM



#66
 4-Bromophenyl-phenylether
 Concen: 47.905 ng
 RT: 16.56 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	99.8	77.4	116.0	
141	55.9	45.2	67.8	





#67

Hexachlorobenzene

Concen: 43.830 ng

RT: 16.69 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

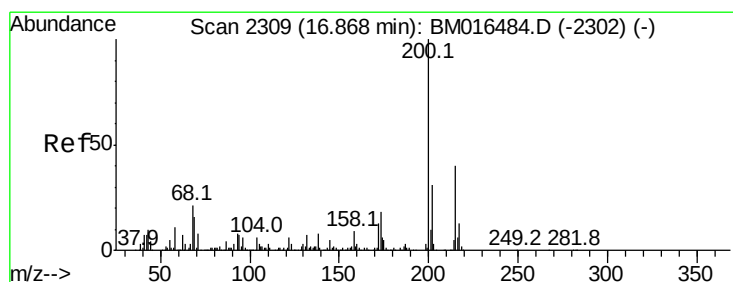
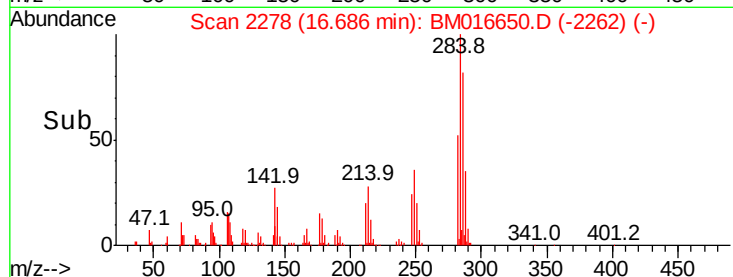
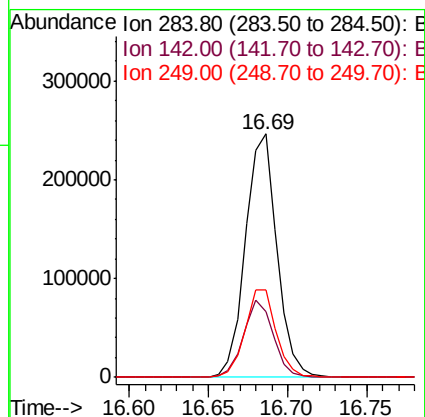
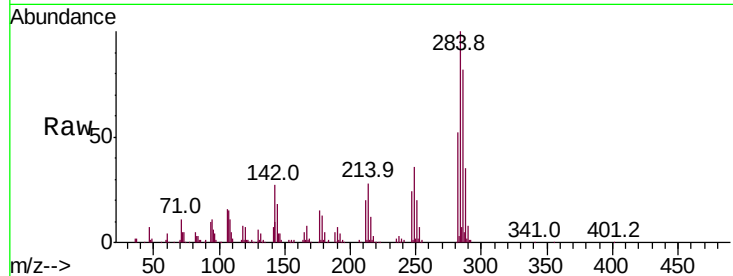
ClientSampleId :

PB112568BSD

Tot Ion:	284	Resp:	340135
Ion Ratio		Lower	Upper
284	100		
142	27.1	20.4	30.6
249	36.0	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 48.526 ng

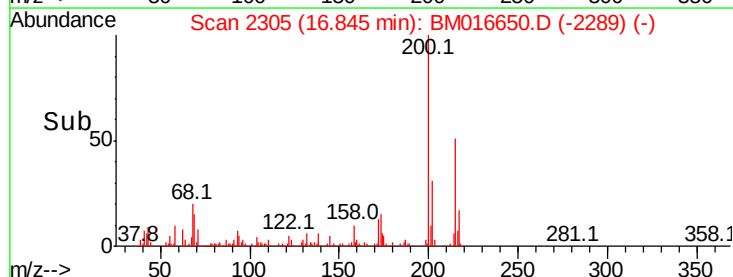
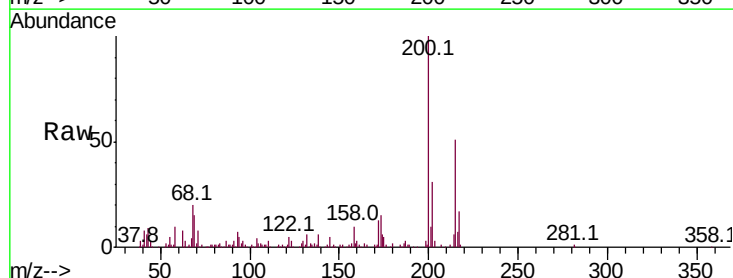
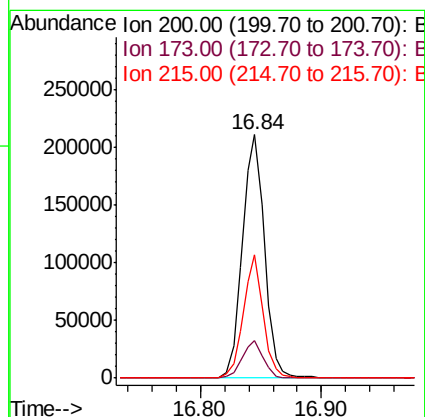
RT: 16.84 min Scan# 2305

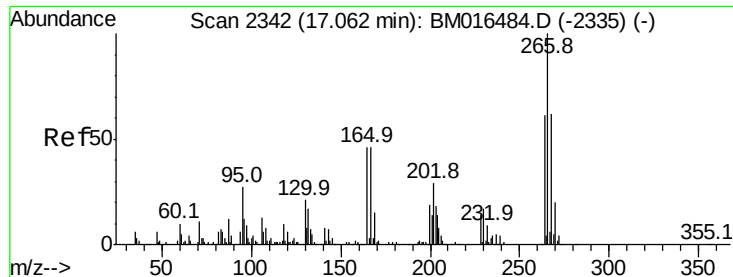
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion:	200	Resp:	269813
Ion Ratio		Lower	Upper
200	100		
173	15.5	4.8	44.8
215	50.9	26.9	66.9





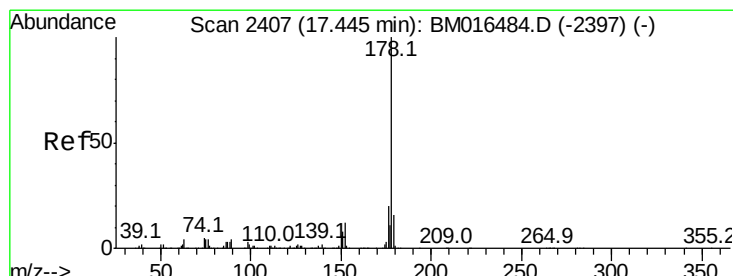
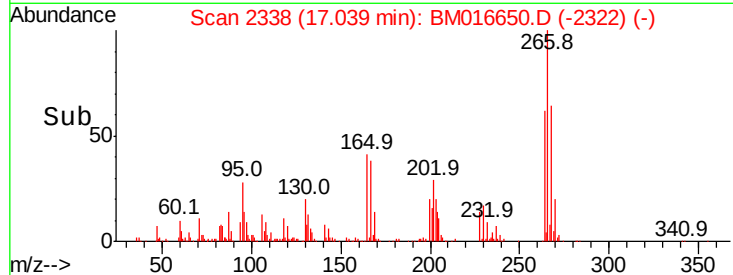
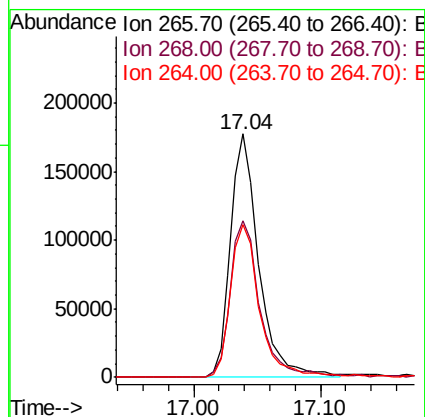
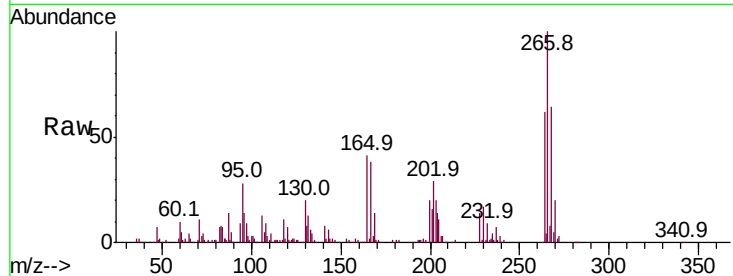
#69
 Pentachlorophenol
 Concen: 66.573 ng
 RT: 17.04 min Scan# 2338
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion:	266	Resp:	273351
Ion Ratio	Lower	Upper	
266	100		
268	64.1	52.0	78.0
264	62.5	49.0	73.4

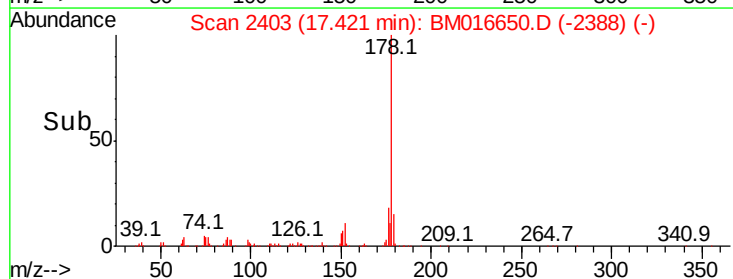
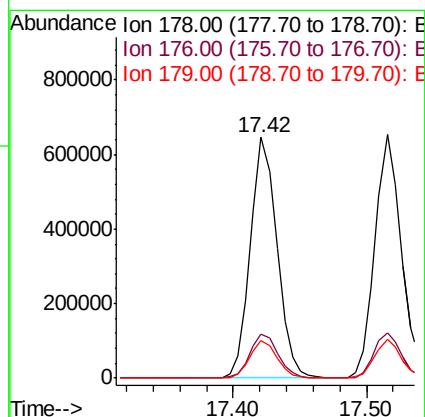
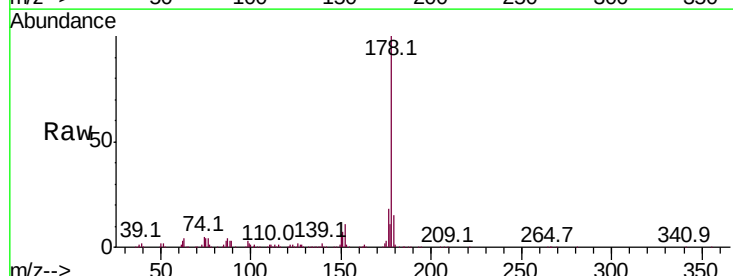
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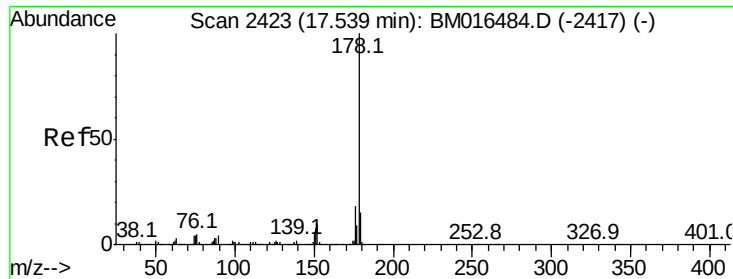
Sohil
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#70
 Phenanthrene
 Concen: 39.763 ng
 RT: 17.42 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion:	178	Resp:	890052
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.2	22.8
179	15.4	12.1	18.1





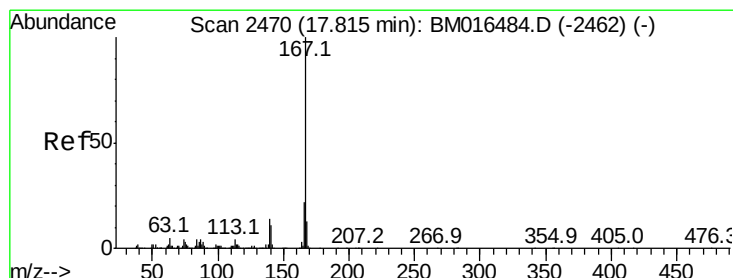
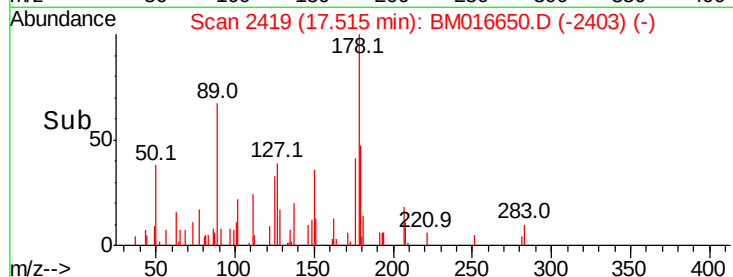
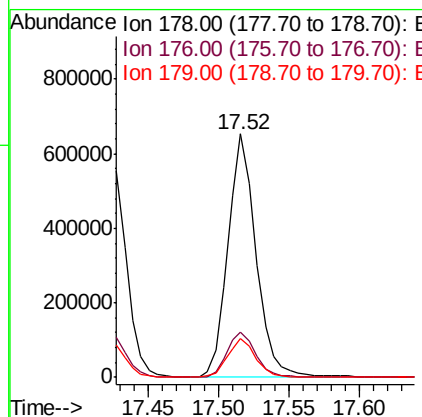
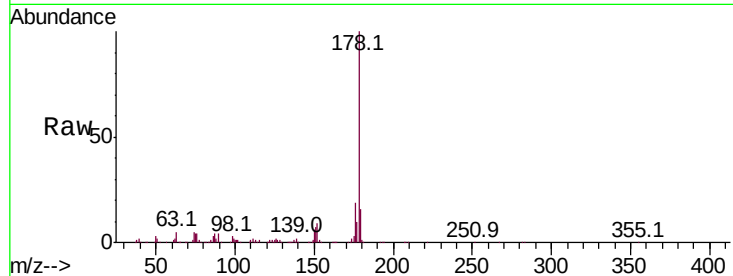
#71
 Anthracene
 Concen: 40.825 ng
 RT: 17.52 min Scan# 2419
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
178	100	907420		
176	18.6		14.6	22.0
179	15.7		12.6	19.0

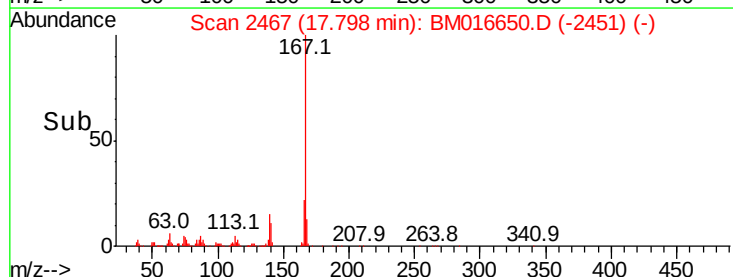
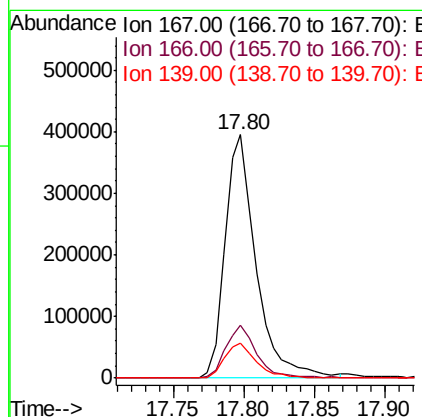
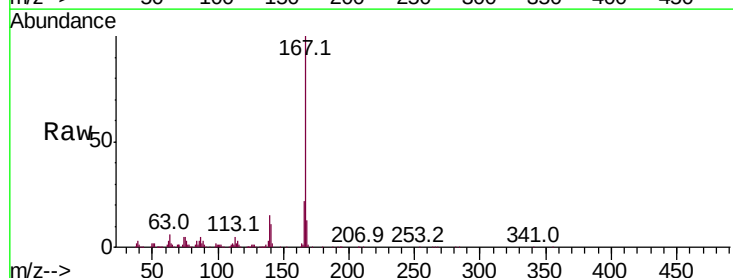
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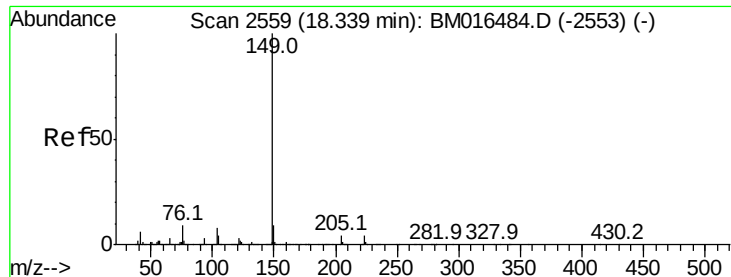
Sohil
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#72
 Carbazole
 Concen: 30.210 ng
 RT: 17.80 min Scan# 2467
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	603457		
166	21.7		17.2	25.8
139	14.6		10.8	16.2





#73

Di-n-butylphthalate

Concen: 33.872 ng

RT: 18.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

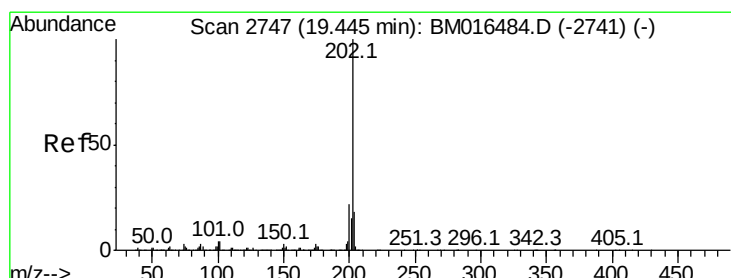
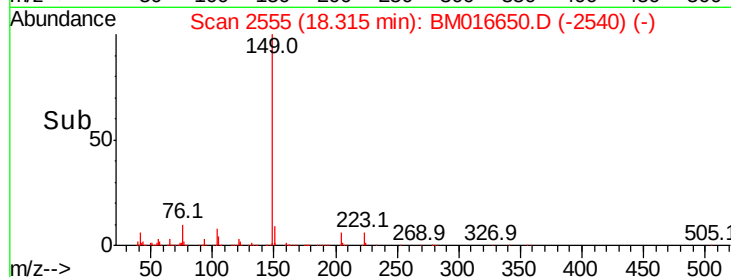
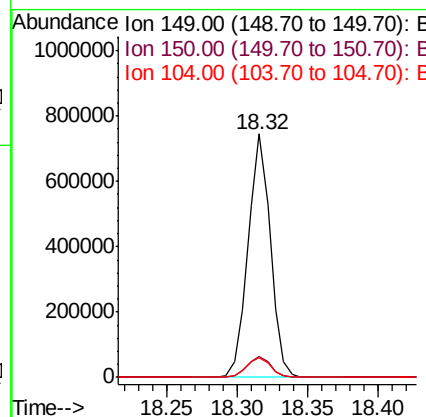
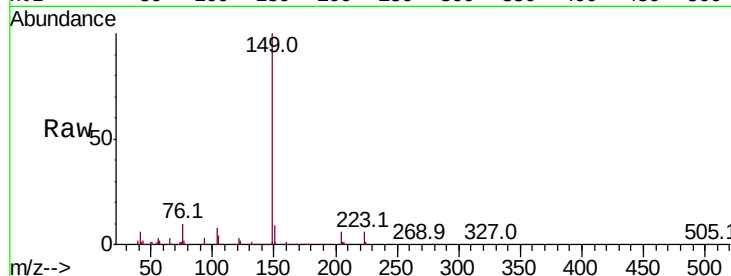
ClientSampleId :

PB112568BSD

Tot Ion:	149	Resp:	824870
Ion Ratio	Lower	Upper	
149	100		
150	8.5	7.5	11.3
104	8.3	3.7	5.5#

Manual Integrations
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#74

Fluoranthene

Concen: 39.137 ng

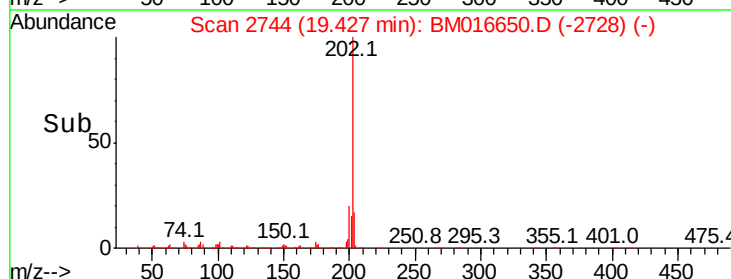
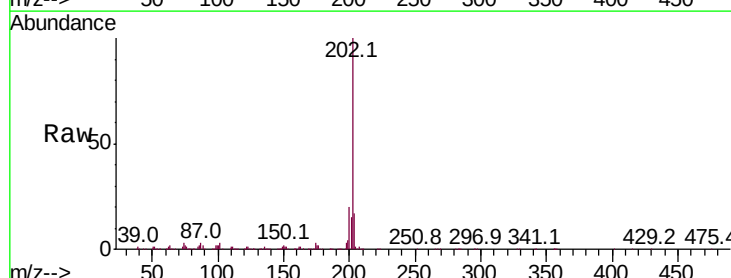
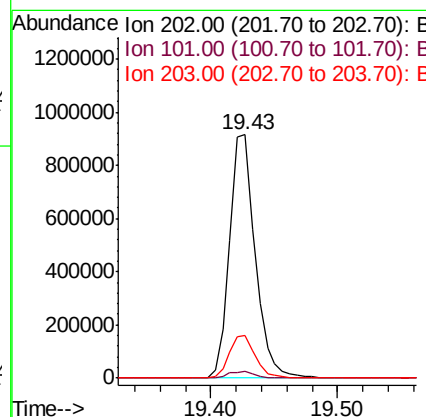
RT: 19.43 min Scan# 2744

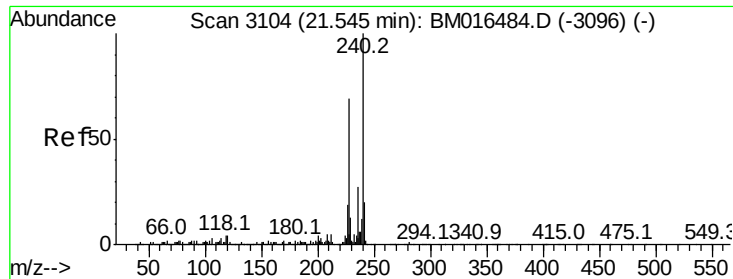
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion:	202	Resp:	1284482
Ion Ratio	Lower	Upper	
202	100		
101	2.6	0.0	28.7
203	17.4	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3101

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Instrument :

BNA_M

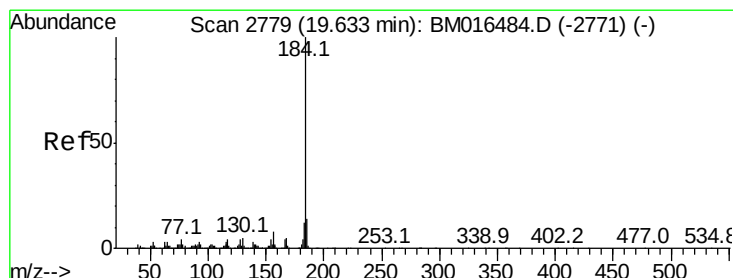
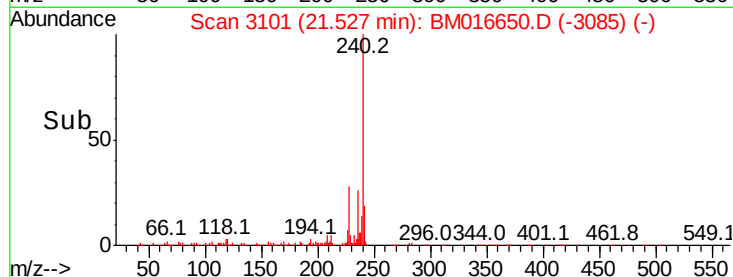
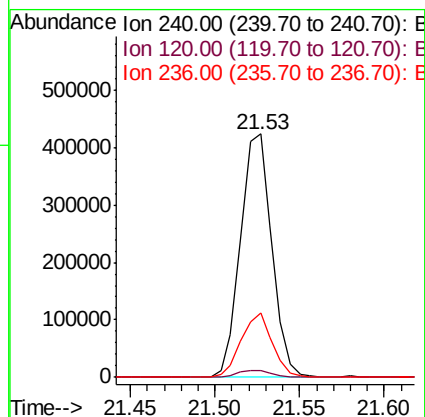
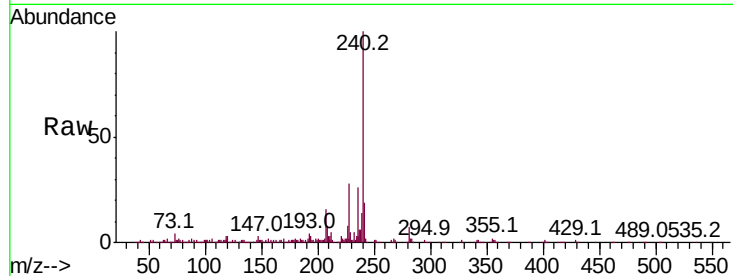
ClientSampleId :

PB112568BSD

Tot Ion:	240	Resp:	548847
Ion Ratio	Lower	Upper	
240	100		
120	3.0	8.2	12.2#
236	26.4	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 44.861 ng

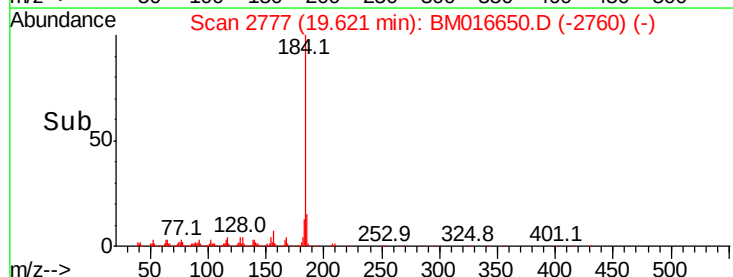
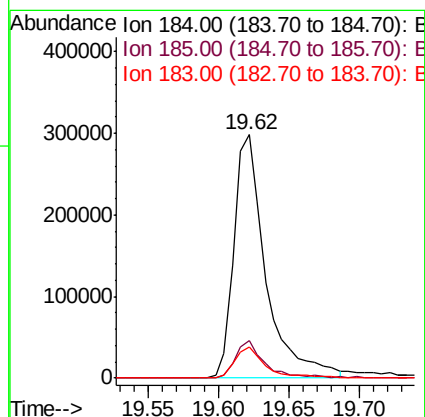
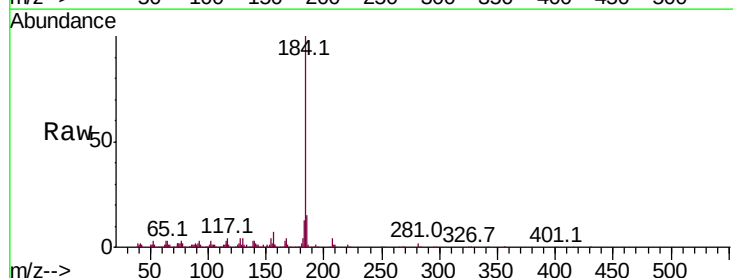
RT: 19.62 min Scan# 2777

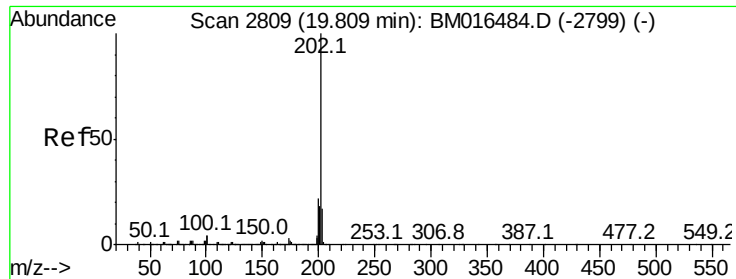
Delta R.T. -0.00 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion:	184	Resp:	473500
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.3	16.9
183	12.6	8.9	13.3





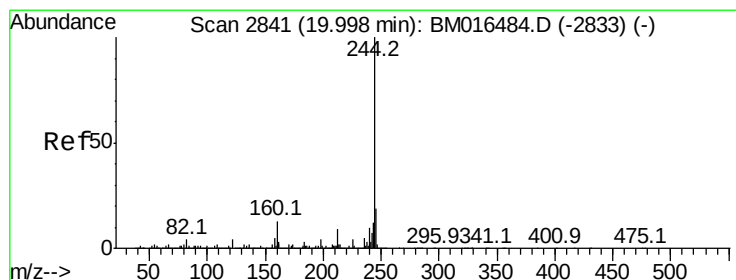
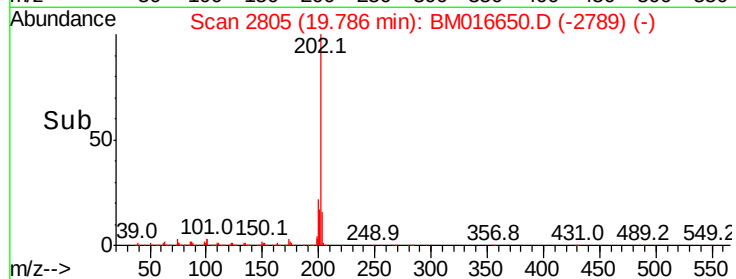
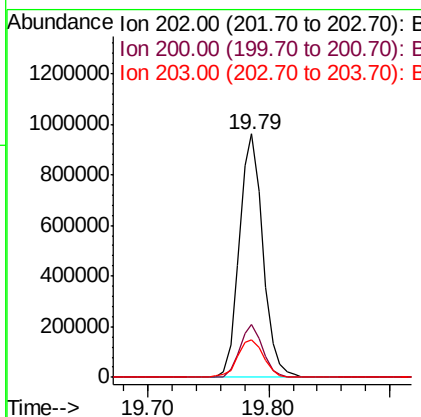
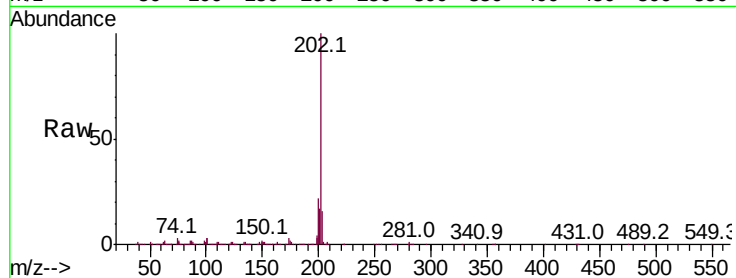
#77
Pvrene
Concen: 43.968 ng
RT: 19.79 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion:	202	Resp:	1311477
Ion	Ratio	Lower	Upper
202	100		
200	21.7	16.9	25.3
203	15.6	14.1	21.1

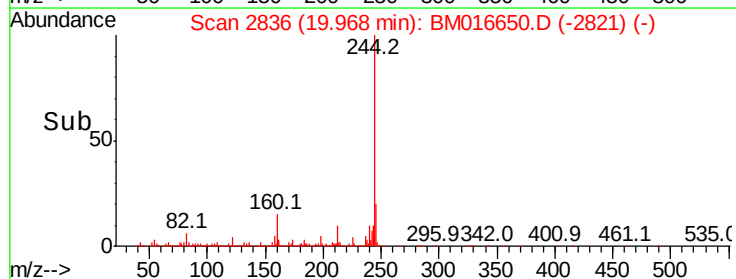
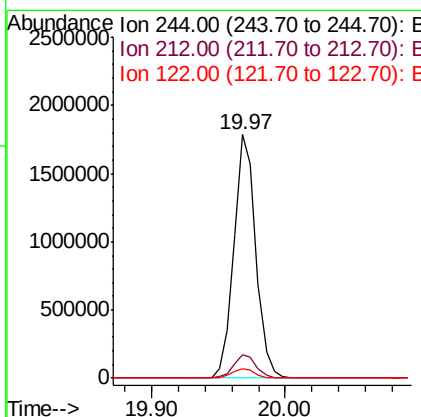
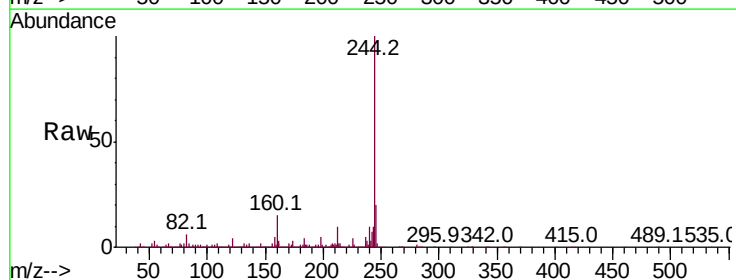
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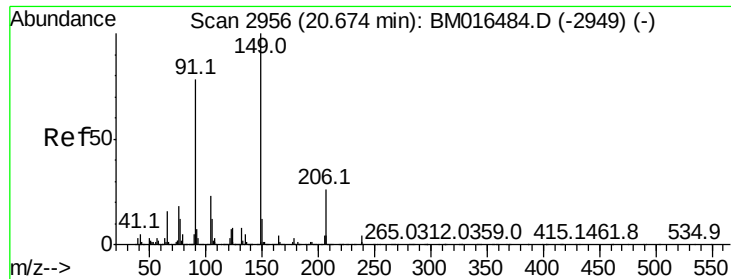
Sohil
9/5/2018 3:29:36 PM



#78
Terphenyl-d14
Concen: 78.999 ng
RT: 19.97 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion:	244	Resp:	2048509
Ion	Ratio	Lower	Upper
244	100		
212	9.6	4.9	7.3#
122	3.7	6.2	9.4#





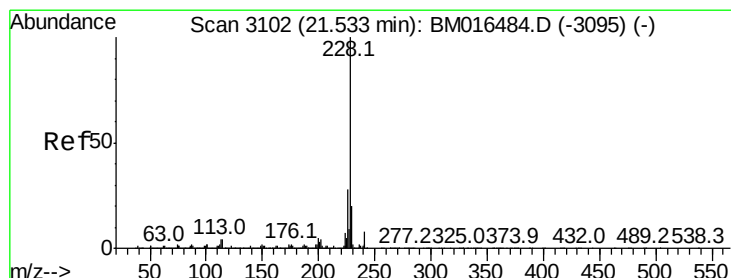
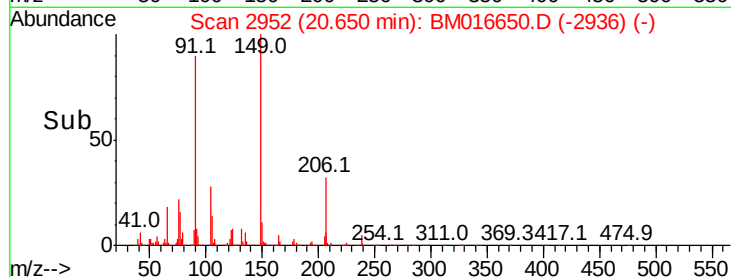
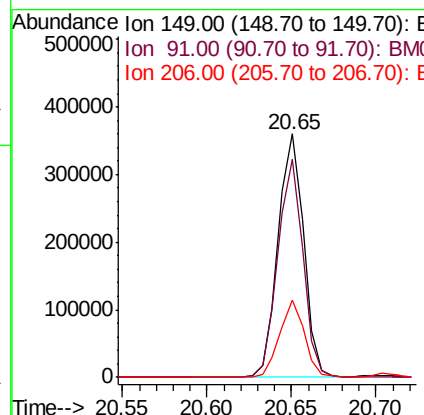
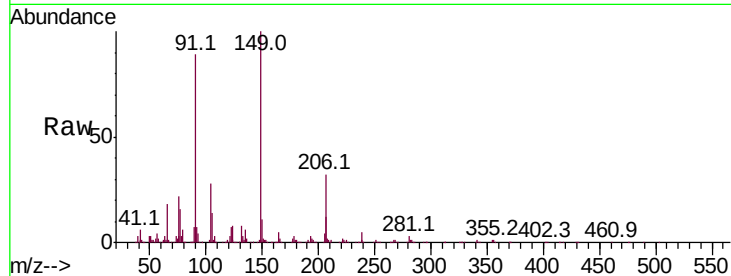
#79
Butylbenzylphthalate
Concen: 36.697 ng
RT: 20.65 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	377825		
91	89.4	50.1	75.1#	
206	31.7	16.2	24.2#	

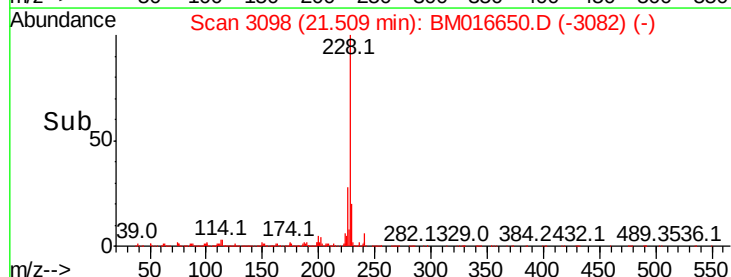
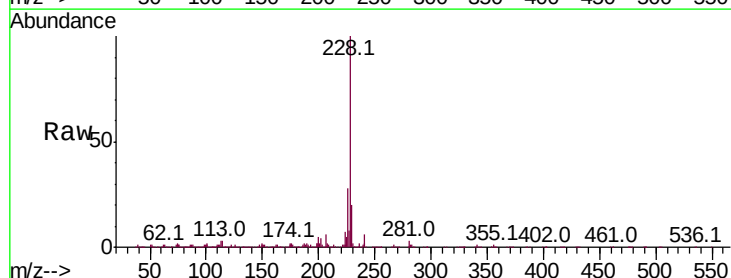
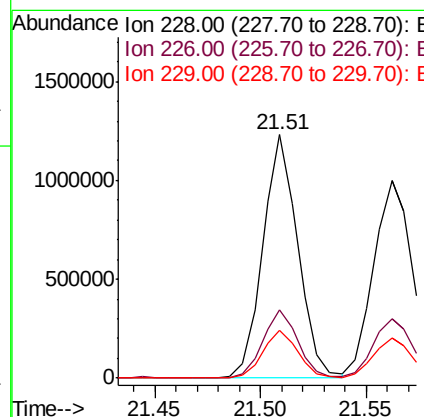
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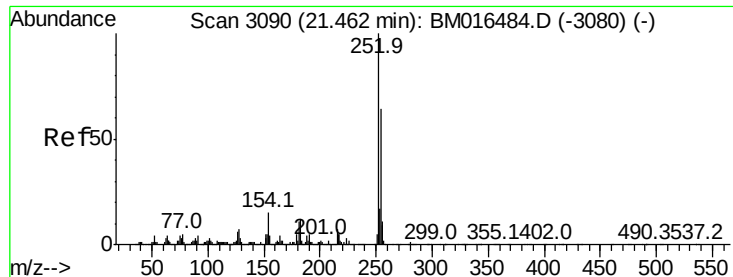
Sohil
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#80
Benzo(a)anthracene
Concen: 43.804 ng
RT: 21.51 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1413447		
226	27.8	21.7	32.5	
229	19.6	16.0	24.0	





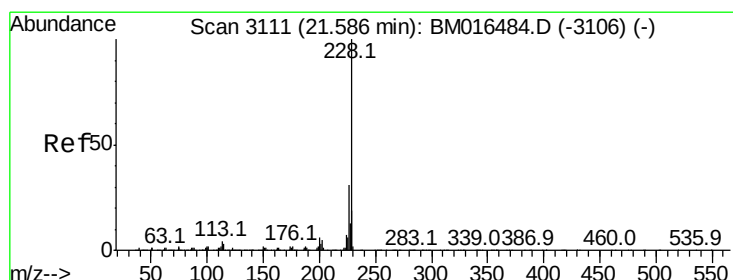
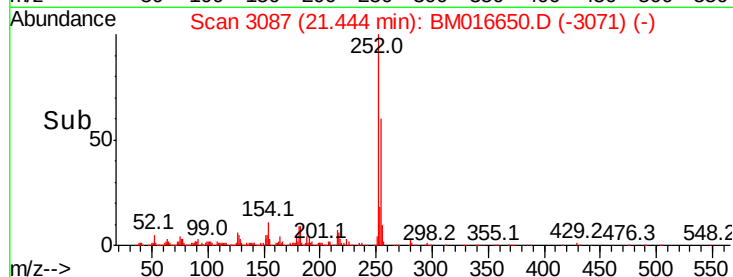
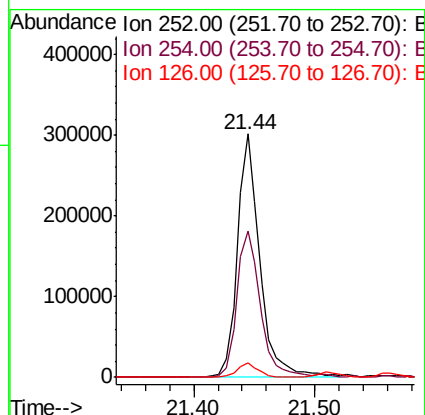
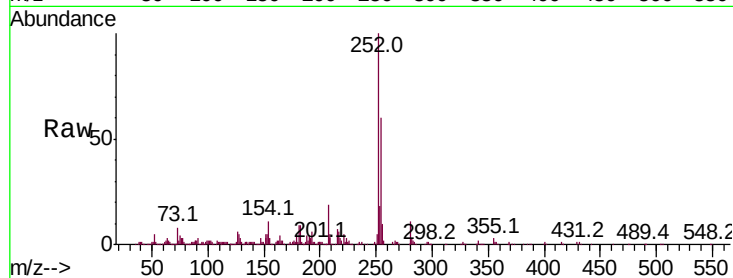
#81
 3,3'-Dichlorobenzidine
 Concen: 27.291 ng
 RT: 21.44 min Scan# 3087
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	60.3	51.9	77.9
126	5.7	9.8	14.8

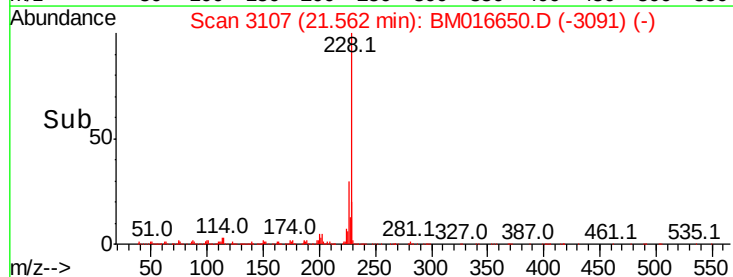
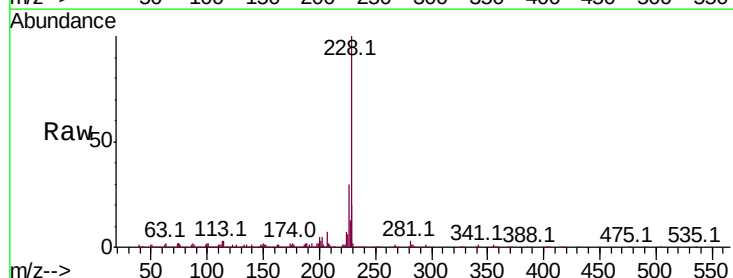
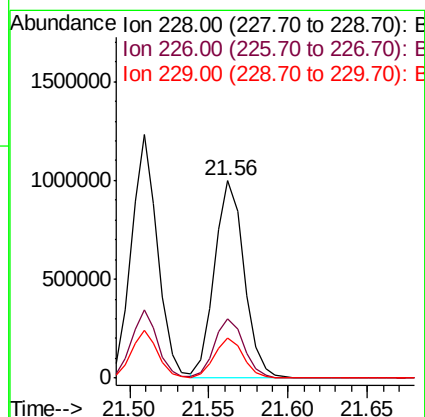
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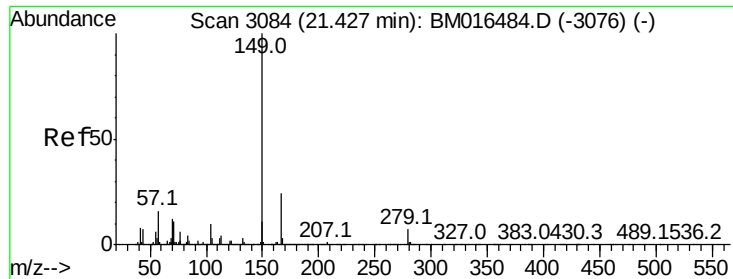
Sohil
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#82
 Chrysene
 Concen: 42.214 ng
 RT: 21.56 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.9	24.1	36.1
229	20.4	15.5	23.3





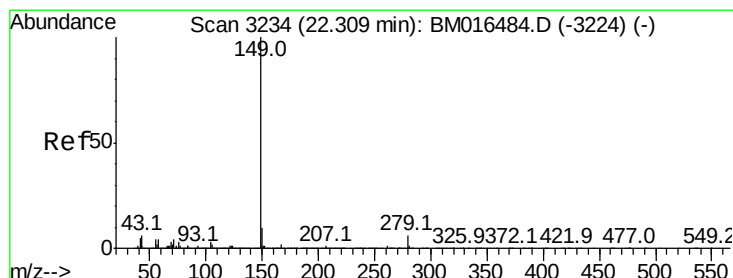
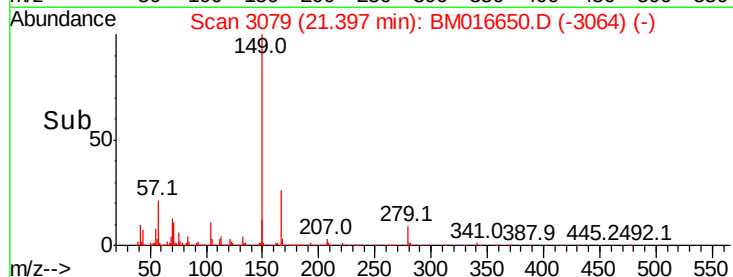
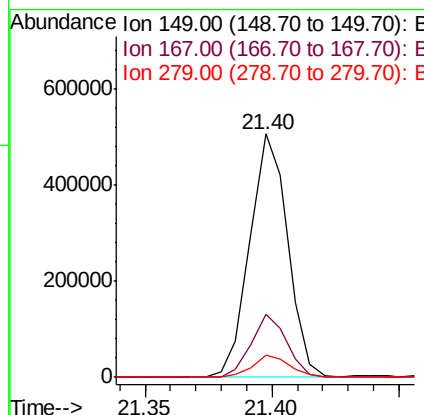
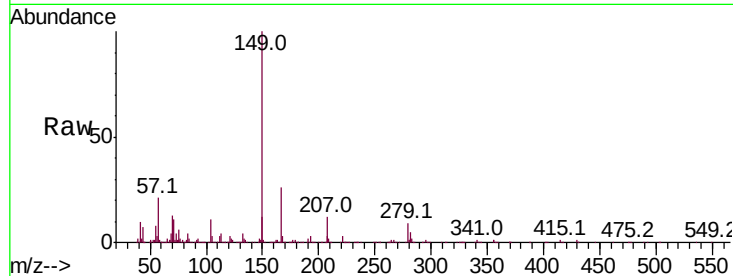
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.476 ng
 RT: 21.40 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	26.0	22.4	33.6
279	9.0	3.4	5.0#

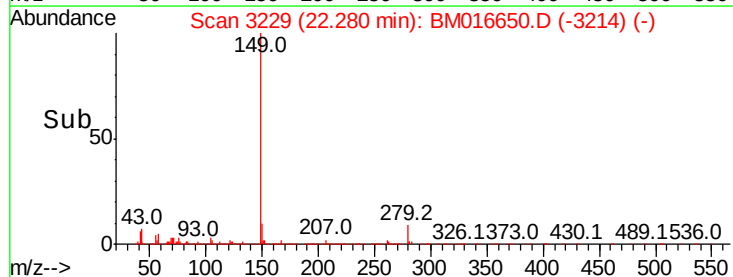
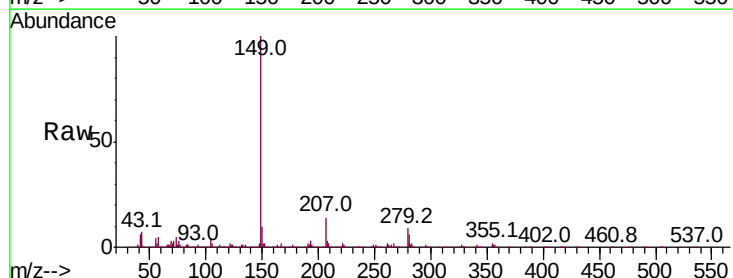
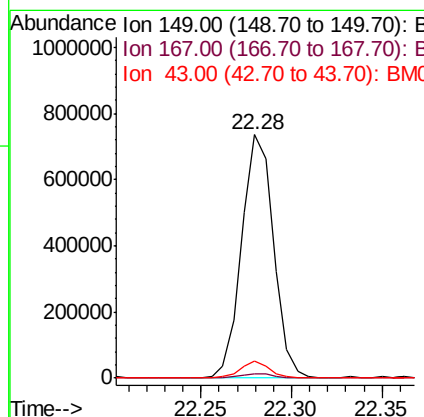
Manual Integrations
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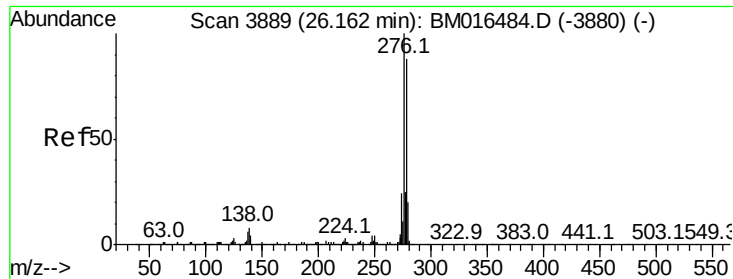
Sohil
 9/5/2018 3:29:36 PM



#84
 Di-n-octyl phthalate
 Concen: 35.089 ng
 RT: 22.28 min Scan# 3229
 Delta R.T. -0.01 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	2.0	1.2	1.8#
43	6.4	7.3	10.9#





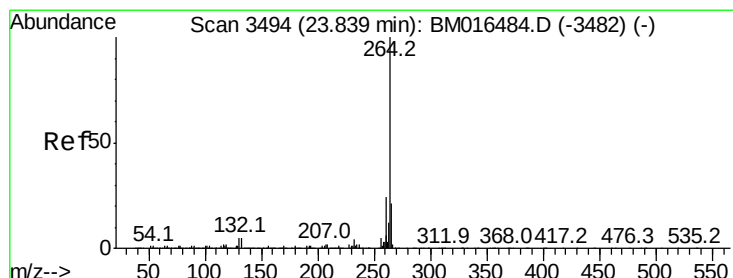
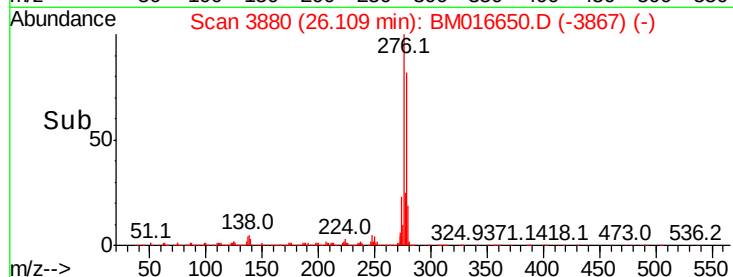
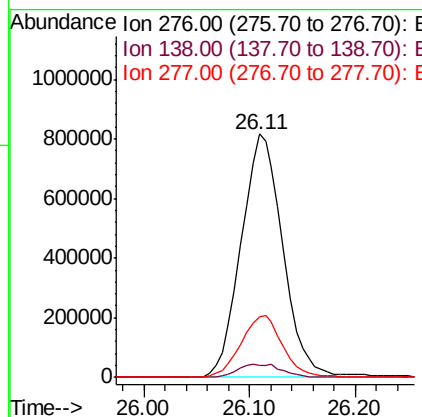
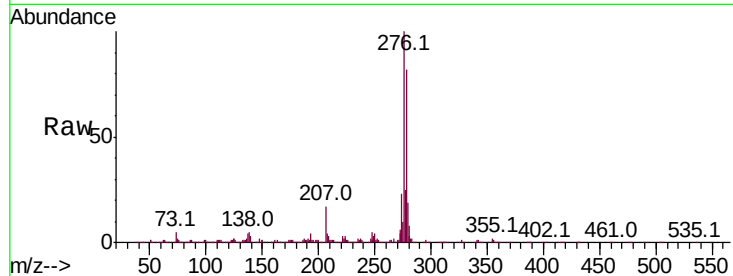
#85
Indeno(1,2,3-cd)pyrene
Concen: 50.280 ng
RT: 26.11 min Scan# 3880
Delta R.T. -0.02 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.6	12.0	18.0#
277	25.4	20.0	30.0

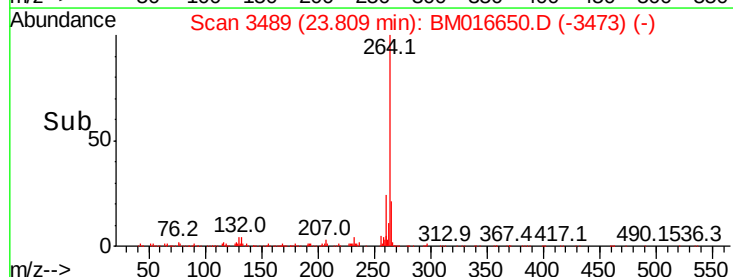
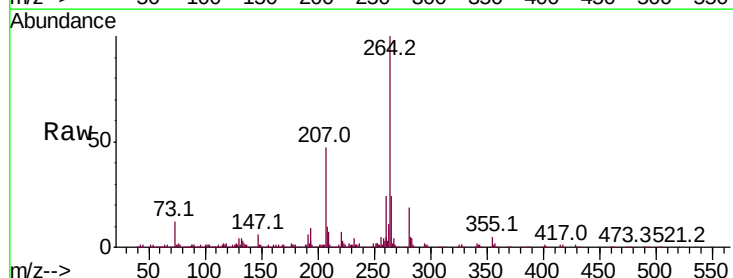
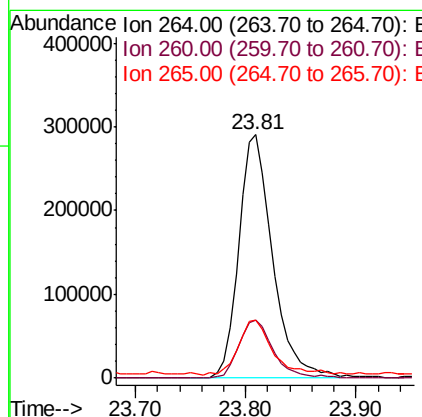
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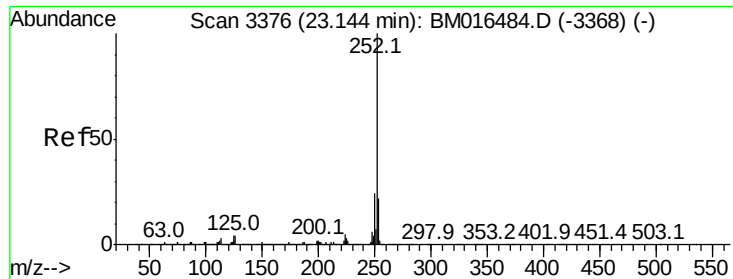
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.81 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	24.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 43.532 ng

RT: 23.11 min Scan# 3371

Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

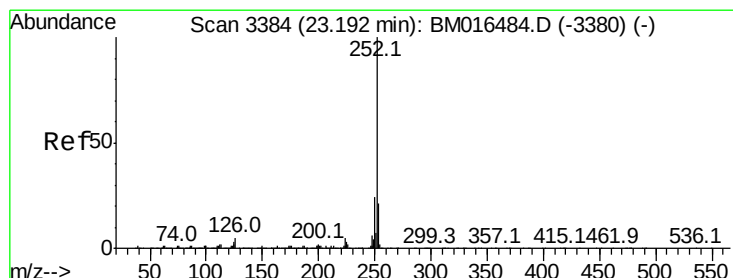
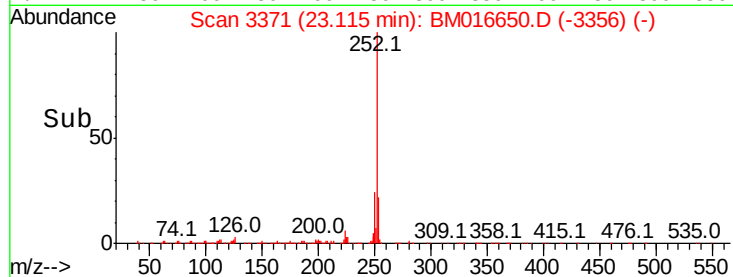
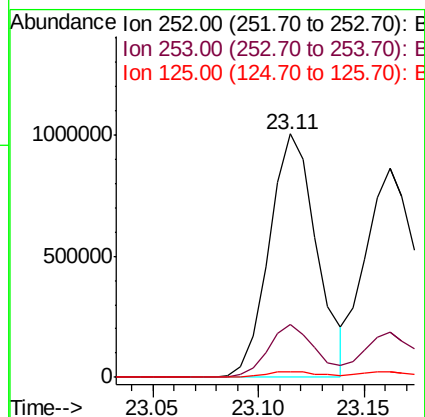
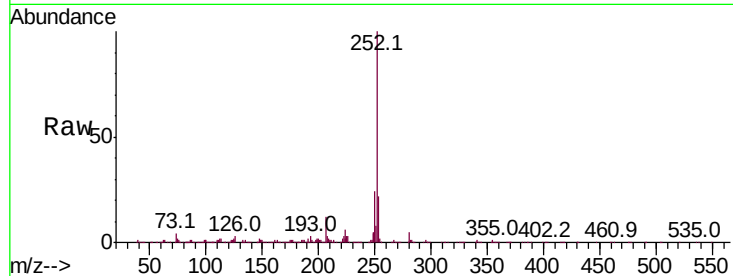
Instrument :
BNA_M

ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	2.3	9.9	14.9

Manual Integrations
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Sohil
9/5/2018 3:29:36 PM



#88

Benzo(k)fluoranthene

Concen: 41.169 ng

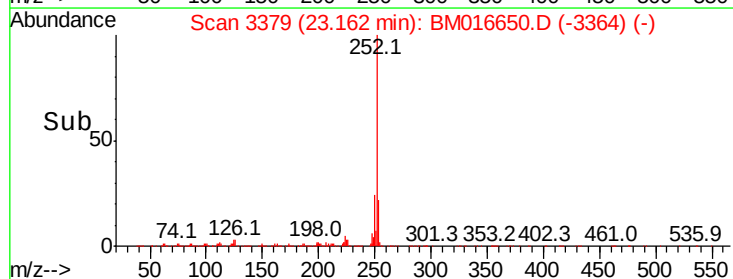
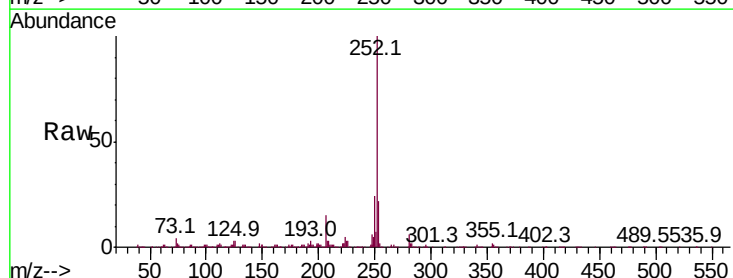
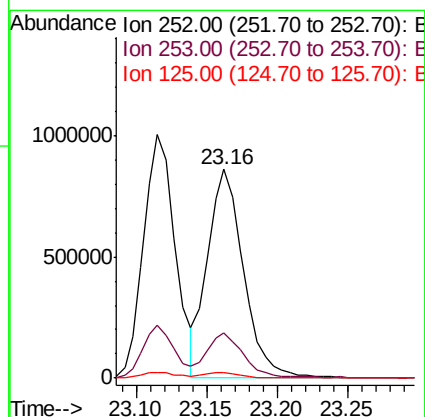
RT: 23.16 min Scan# 3379

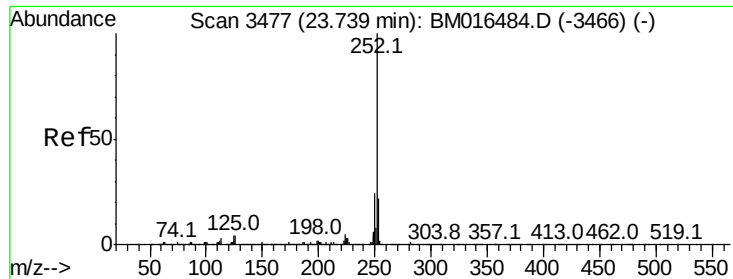
Delta R.T. -0.01 min

Lab File: BM016650.D

Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	2.6	8.1	12.1





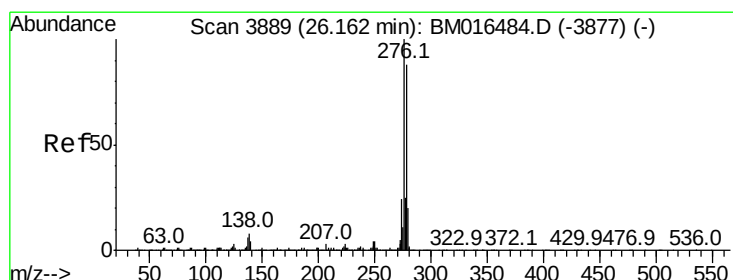
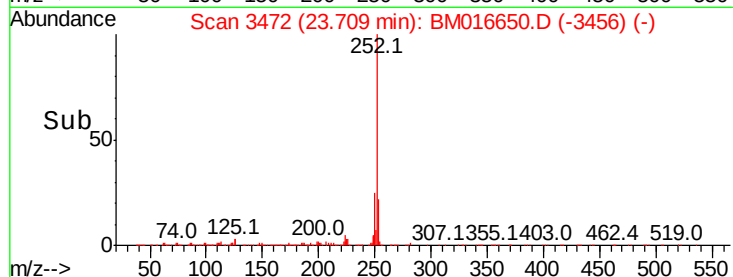
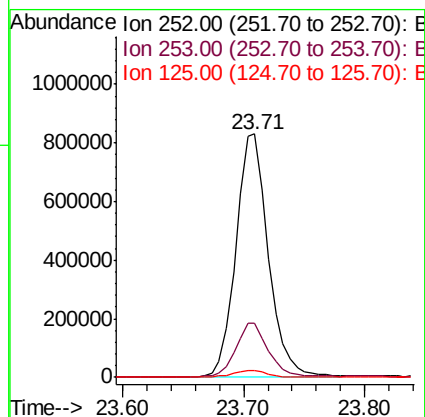
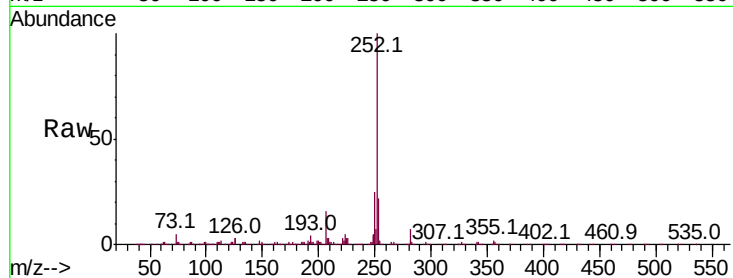
#89
Benzo(a)pyrene
Concen: 44.134 ng
RT: 23.71 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Instrument :
BNA_M
ClientSampleId :
PB112568BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	2.7	7.4	11.2

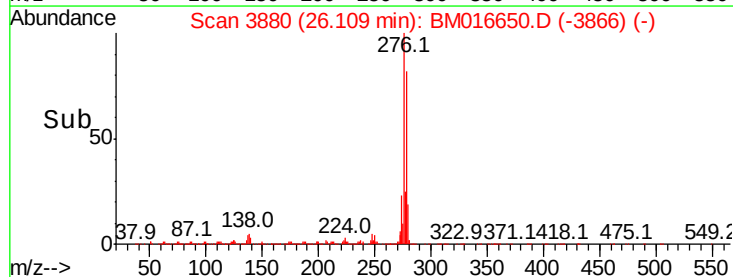
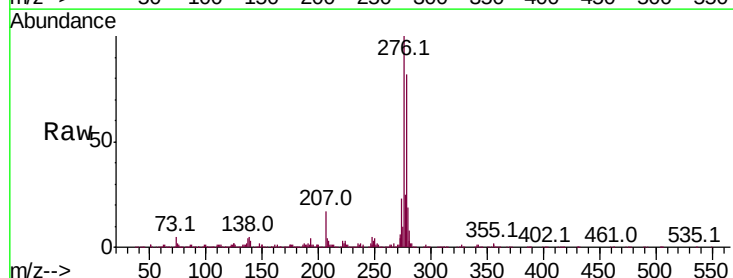
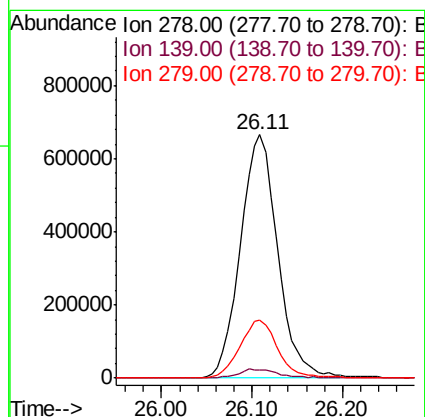
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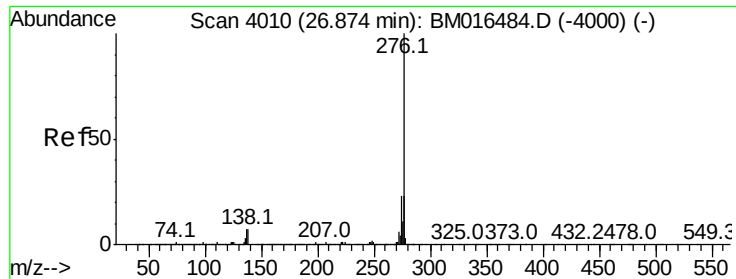
Sohil
9/5/2018 3:29:36 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.471 ng
RT: 26.11 min Scan# 3880
Delta R.T. -0.02 min
Lab File: BM016650.D
Acq: 04 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	3.3	13.4	20.0
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.964 ng
 RT: 26.82 min Scan# 4001
 Delta R.T. -0.02 min
 Lab File: BM016650.D
 Acq: 04 Sep 2018 17:30

Instrument :
 BNA_M
 ClientSampleId :
 PB112568BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.5	27.7
138	4.7	19.0	28.6

Manual Integrations
 APPROVED

Sohil
 9/5/2018 3:29:36 PM

