

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082218\
 Data File : BM016556.D
 Acq On : 23 Aug 2018 15:05
 Operator : SJ/JU
 Sample : J4276-04MS
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Manual Integrations
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Sohil
 8/23/2018 6:39:30 PM

Quant Time: Aug 23 16:18:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	131571	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	517936	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	407644	20.00	ng	-0.01
63) Phenanthrene-d10	17.40	188	1305940	20.00	ng	0.00
75) Chrysene-d12	21.54	240	1698538	20.00	ng	0.00
86) Perylene-d12	23.82	264	1630256	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	883375	131.57	ng	0.00
7) Phenol-d6	7.19	99	1007512	113.40	ng	0.00
23) Nitrobenzene-d5	9.20	82	1214243	107.04	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	2289797	200.94	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	5058927	119.29	ng	0.00
78) Terphenyl-d14	19.99	244	10790661	134.46	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.40	88	133117	35.887	ng	# 100
3) Pyridine	3.83	79	222546	28.836	ng	# 83
4) n-Nitrosodimethylamine	3.74	42	171303	49.824	ng	# 68
6) Aniline	7.36	93	132890	13.366	ng	# 87
8) 2-Chlorophenol	7.57	128	363560	45.506	ng	# 96
9) Benzaldehyde	7.17	77	171854	27.871	ng	# 78
10) Phenol	7.22	94	306651	34.900	ng	# 89
11) bis(2-Chloroethyl)ether	7.45	93	269773	40.944	ng	# 97
12) 1,3-Dichlorobenzene	7.90	146	439029	41.447	ng	# 83
13) 1,4-Dichlorobenzene	8.05	146	441293	40.595	ng	# 92
14) 1,2-Dichlorobenzene	8.36	146	462975	43.351	ng	# 97
15) Benzyl Alcohol	8.27	79	344452	41.748	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.53	45	182512	40.228	ng	# 48
17) 2-Methylphenol	8.47	107	266408	41.870	ng	# 75
18) Hexachloroethane	9.07	117	237569	47.438	ng	# 45
19) n-Nitroso-di-n-propylamine	8.83	70	302808	43.470	ng	# 86
20) 3+4-Methylphenols	8.80	107	366657	41.677	ng	# 79
22) Acetophenone	8.86	105	593343	47.574	ng	# 98
24) Nitrobenzene	9.25	77	538766	47.536	ng	# 92
25) Isophorone	9.76	82	832458	54.909	ng	# 96
26) 2-Nitrophenol	9.95	139	223888m	46.207	ng	# 68
27) 2,4-Dimethylphenol	10.00	122	337396	53.433	ng	# 99
28) bis(2-Chloroethoxy)methane	10.23	93	438392	48.441	ng	# 93
29) 2,4-Dichlorophenol	10.48	162	524426	55.492	ng	# 93
30) 1,2,4-Trichlorobenzene	10.68	180	809505	56.451	ng	# 98
31) Naphthalene	10.87	128	1237896	50.165	ng	# 98
32) Benzoic acid	10.21	122	133459m	25.261	ng	# 88
33) 4-Chloroaniline	11.02	127	70732	6.811	ng	# 97
34) Hexachlorobutadiene	11.12	225	810912	59.247	ng	# 88
35) Caprolactam	11.83	113	67567m	29.796	ng	# 88
36) 4-Chloro-3-methylphenol	12.13	107	439578	48.383	ng	# 100
37) 2-Methylnaphthalene	12.47	142	1104106	57.154	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	1289568	56.013	ng	# 98
40) Hexachlorocyclopentadiene	12.80	237	1432778	116.445	ng	# 98

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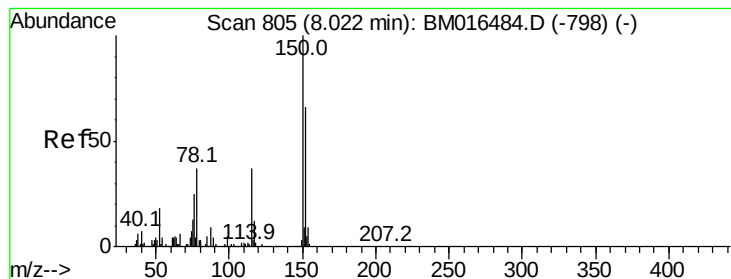
Manual Integrations
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Quant Time: Aug 23 16:18:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	764922	55.561	nq	99
43) 2,4,5-Trichlorophenol	13.17	196	780852m	58.064	nq	
45) 1,1'-Biphenyl	13.49	154	1647658	46.096	nq	98
46) 2-Chloronaphthalene	13.54	162	1367245	47.082	nq	100
47) 2-Nitroaniline	13.77	65	322100	41.642	nq	87
48) Acenaphthylene	14.38	152	2047174	49.941	nq	97
49) Dimethylphthalate	14.12	163	1956943	49.968	nq	# 96
50) 2,6-Dinitrotoluene	14.26	165	378516	49.551	nq	# 79
51) Acenaphthene	14.72	154	1216959	48.324	nq	93
52) 3-Nitroaniline	14.60	138	106104	15.266	nq	# 74
53) 2,4-Dinitrophenol	14.83	184	126940	33.206	nq	# 70
54) Dibenzofuran	15.06	168	2603664	54.008	nq	96
55) 4-Nitrophenol	14.92	139	310119	69.954	nq	# 79
56) 2,4-Dinitrotoluene	15.06	165	655767	51.482	nq	# 95
57) Fluorene	15.70	166	2088131	57.337	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	744265	57.581	nq	# 100
59) Diethylphthalate	15.47	149	1915924	46.919	nq	# 94
60) 4-Chlorophenyl-phenylether	15.69	204	1699189	55.636	nq	# 86
61) 4-Nitroaniline	15.77	138	243897	35.905	nq	# 1
62) Azobenzene	15.99	77	2115874	48.647	nq	88
64) 4,6-Dinitro-2-methylphenol	15.83	198	221059	22.278	nq	# 55
65) n-Nitrosodiphenylamine	15.92	169	1755291	47.777	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	1068637	53.256	nq	97
67) Hexachlorobenzene	16.70	284	1204688	51.480	nq	93
68) Atrazine	16.86	200	999924	59.638	nq	90
69) Pentachlorophenol	17.05	266	861639	69.590	nq	98
70) Phenanthrene	17.44	178	3613177	53.530	nq	99
71) Anthracene	17.53	178	3695125	55.130	nq	99
72) Carbazole	17.81	167	2592887	43.047	nq	99
73) Di-n-butylphthalate	18.33	149	3228538	43.965	nq	# 96
74) Fluoranthene	19.44	202	5155459	52.092	nq	94
76) Benzidine	19.63	184	1821594	55.766	nq	99
77) Pyrene	19.80	202	5212153	56.464	nq	100
79) Butylbenzylphthalate	20.66	149	1478248	46.394	nq	# 75
80) Benzo(a)anthracene	21.53	228	5335694	53.432	nq	99
81) 3,3'-Dichlorobenzidine	21.46	252	903945	20.336	nq	# 97
82) Chrysene	21.57	228	4892794	51.352	nq	99
83) Bis(2-ethylhexyl)phthalate	21.42	149	2125977	44.882	nq	# 98
84) Di-n-octyl phthalate	22.30	149	3440641	43.709	nq	# 92
85) Indeno(1,2,3-cd)pyrene	26.14	276	6218337	45.382	nq	# 92
87) Benzo(b)fluoranthene	23.14	252	5336225	56.782	nq	# 90
88) Benzo(k)fluoranthene	23.18	252	5266000	55.072	nq	# 93
89) Benzo(a)pyrene	23.73	252	5069943	55.445	nq	# 94
90) Dibenzo(a,h)anthracene	26.14	278	5225789	50.994	nq	# 88
91) Benzo(g,h,i)perylene	26.86	276	4699780	51.091	nq	# 80

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 804

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

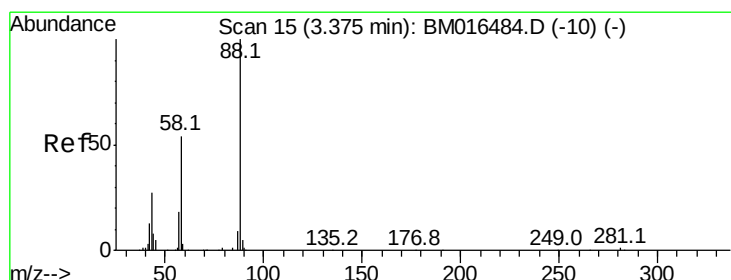
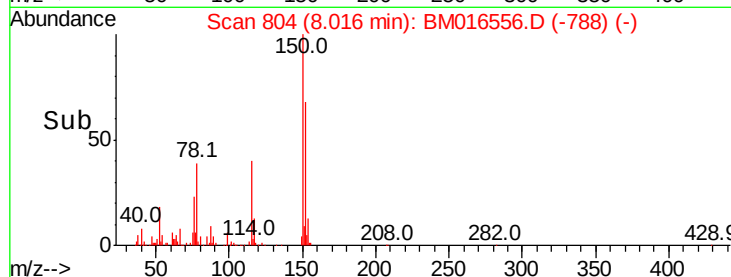
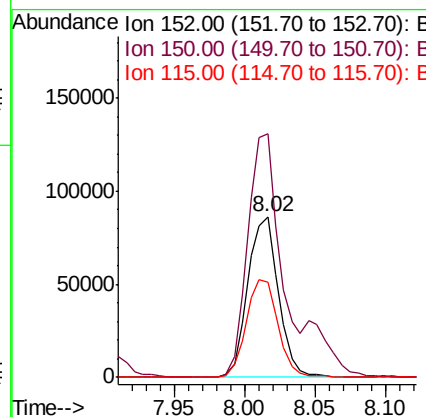
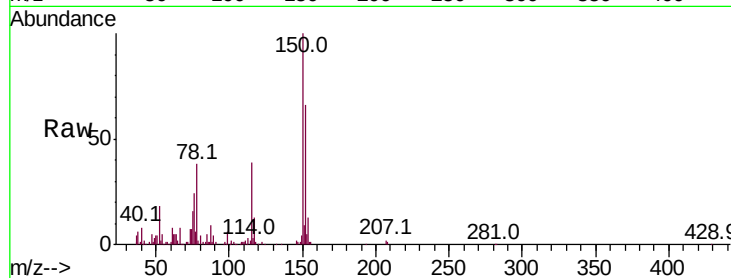
ClientSampleId :

OK-01-082118MS

Tot Ion:	152	Resp:	131571
Ion Ratio	Lower	Upper	
152	100		
150	151.6	119.5	179.3
115	59.3	43.0	64.4

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#2

1,4-Dioxane

Concen: 35.887 ng

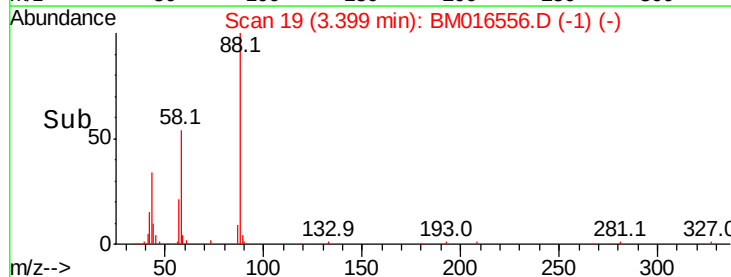
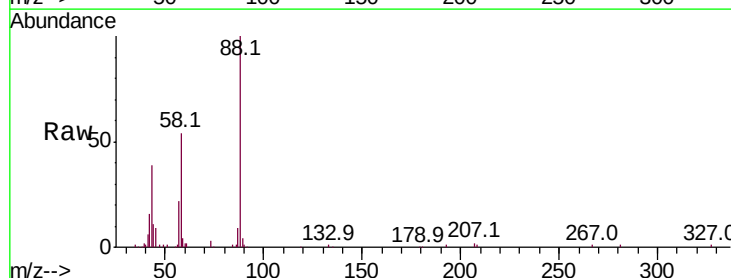
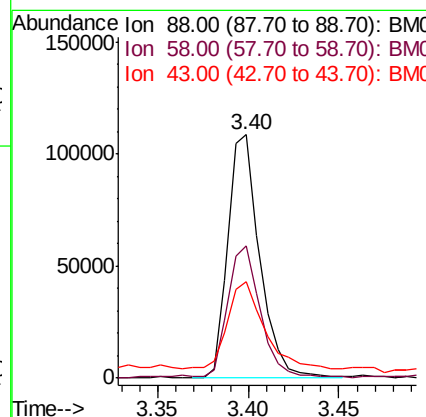
RT: 3.40 min Scan# 19

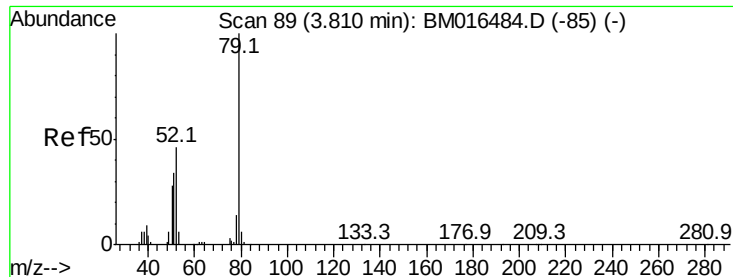
Delta R.T. 0.02 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt Ion:	88	Resp:	133117
Ion Ratio	Lower	Upper	
88	100		
58	55.2	0.0	0.0#
43	40.5	0.0	0.0#





#3

Pvridine

Concen: 28.836 ng

RT: 3.83 min Scan# 92

Delta R.T. 0.02 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

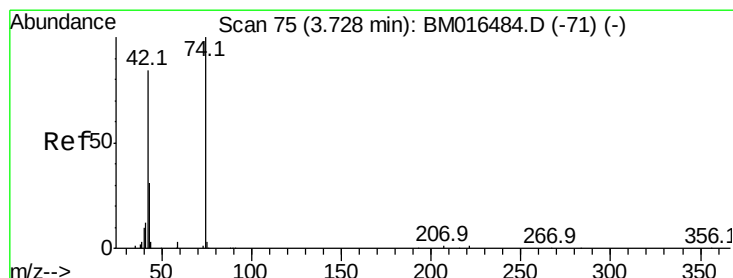
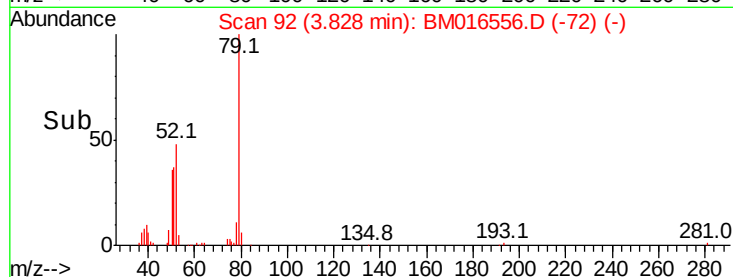
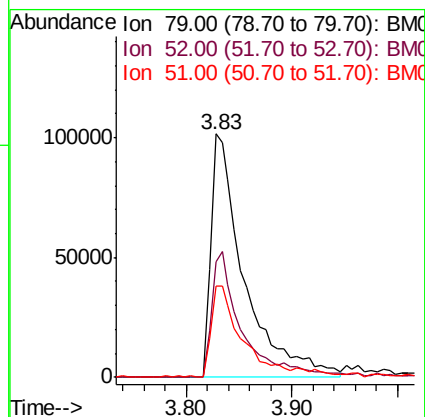
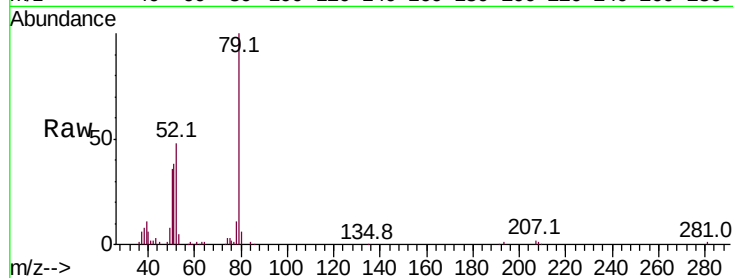
ClientSampleId :

OK-01-082118MS

Tot Ion:	79	Resp:	222546
Ion Ratio	Lower	Upper	
79	100		
52	47.7	51.1	76.7#
51	37.6	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 49.824 ng

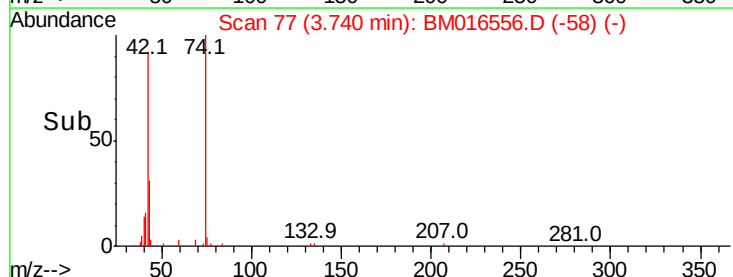
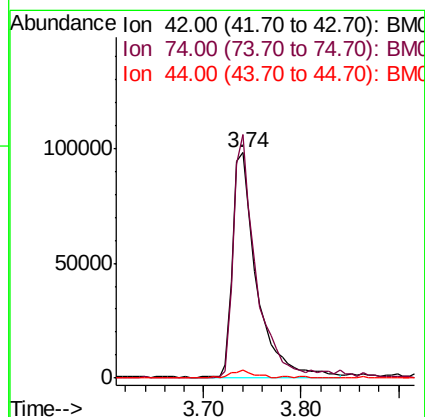
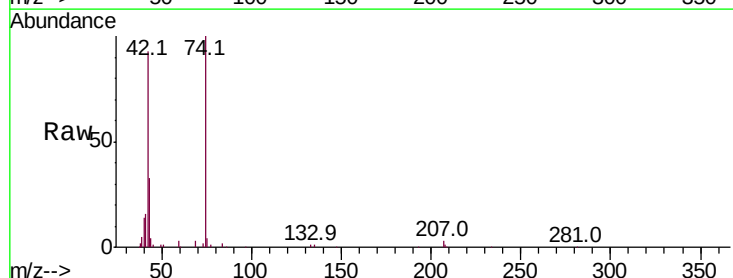
RT: 3.74 min Scan# 77

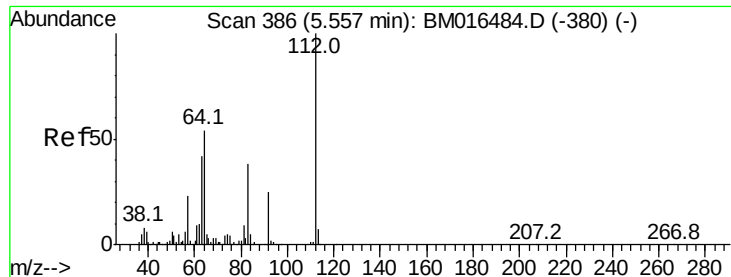
Delta R.T. 0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt Ion:	42	Resp:	171303
Ion Ratio	Lower	Upper	
42	100		
74	107.9	119.3	178.9#
44	3.8	5.4	8.2#





#5

2-Fluorophenol

Concen: 131.568 ng

RT: 5.56 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

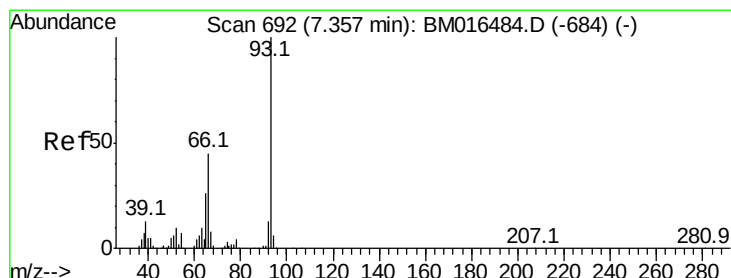
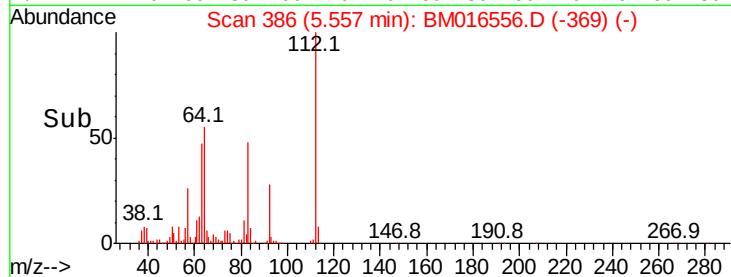
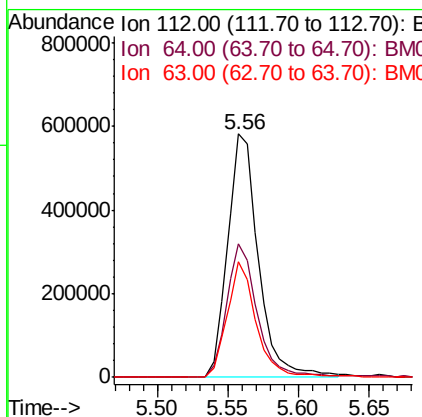
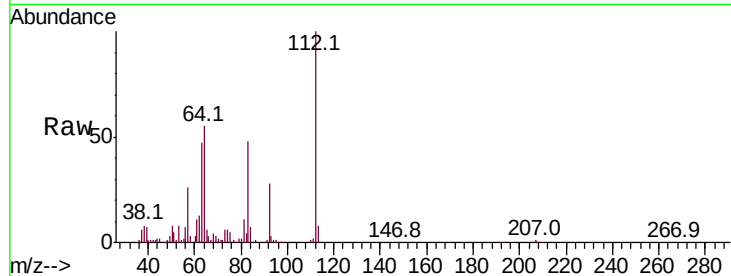
ClientSampleId :

OK-01-082118MS

Tot Ion:	112	Resp:	883375
Ion Ratio	Lower	Upper	
112	100		
64	54.9	38.6	57.8
63	47.5	19.3	28.9#

Manual Integrations
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#6

Aniline

Concen: 13.366 ng

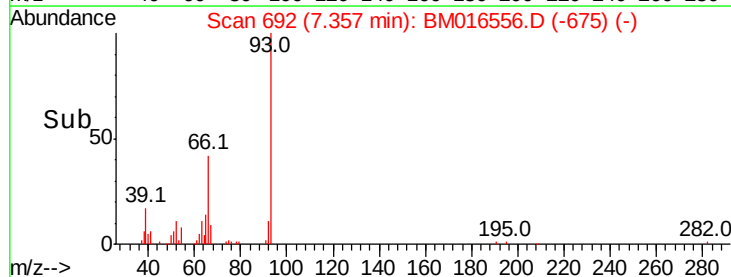
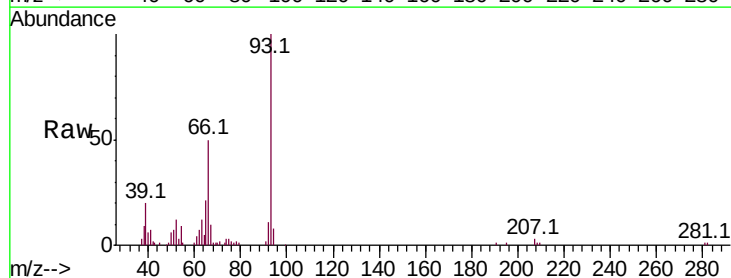
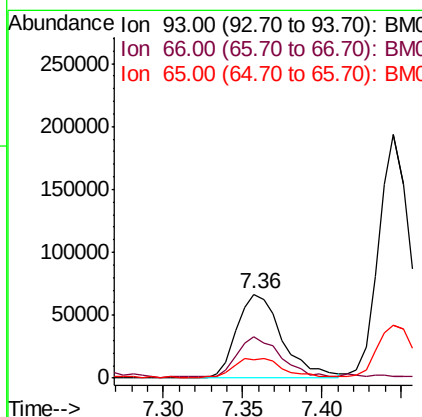
RT: 7.36 min Scan# 692

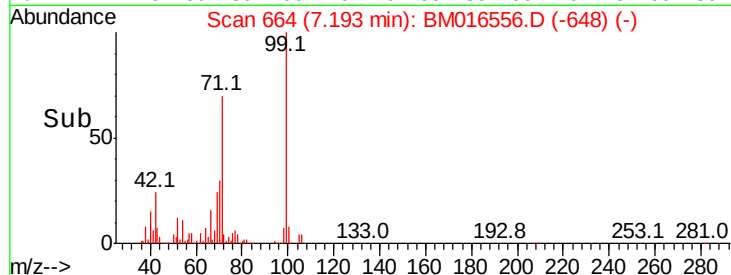
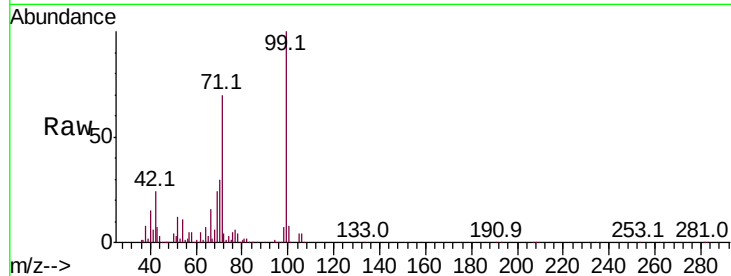
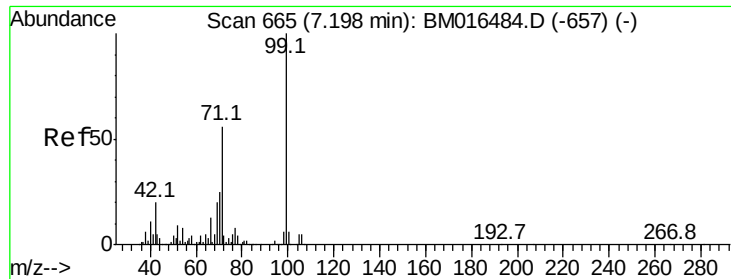
Delta R.T. 0.00 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt Ion:	93	Resp:	132890
Ion Ratio	Lower	Upper	
93	100		
66	49.9	30.8	46.2#
65	21.2	16.0	24.0





#7

Phenol-d6

Concen: 113.397 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

ClientSampleId :

OK-01-082118MS

Tot Ion: 99 Resp: 1007512

Ion Ratio Lower Upper

99 100

42 24.4 11.0 16.4#

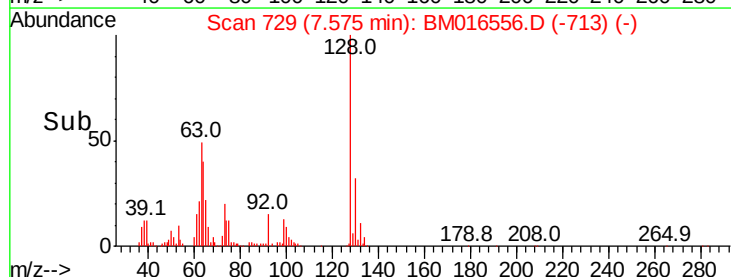
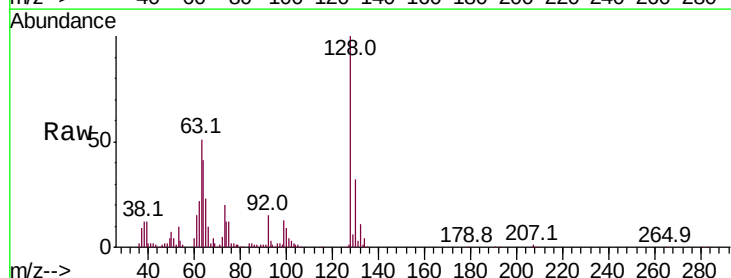
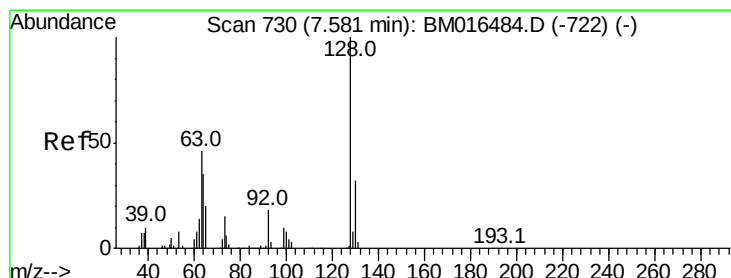
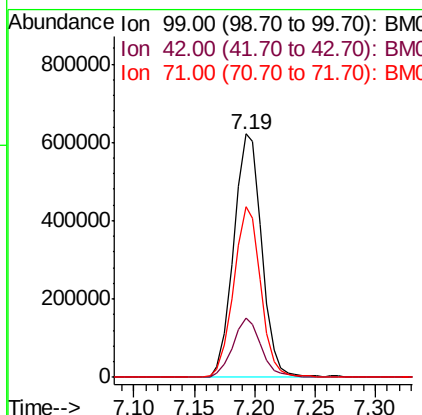
71 70.1 23.4 35.2#

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#8

2-Chlorophenol

Concen: 45.506 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

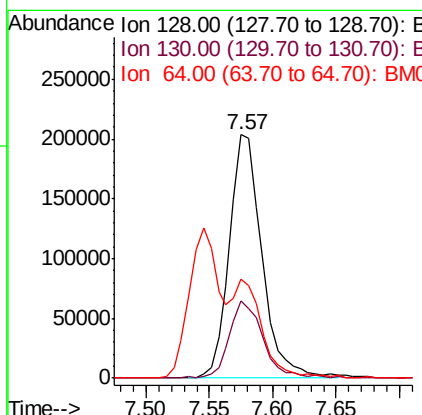
Tgt Ion: 128 Resp: 363560

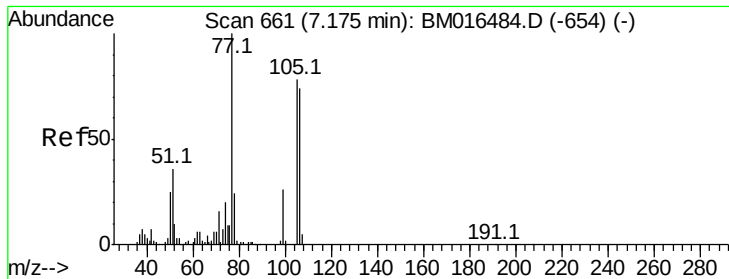
Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

64 40.7 24.9 64.9





#9

Benzaldehyde

Concen: 27.871 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

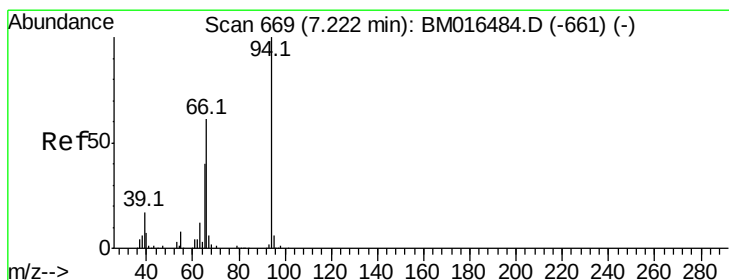
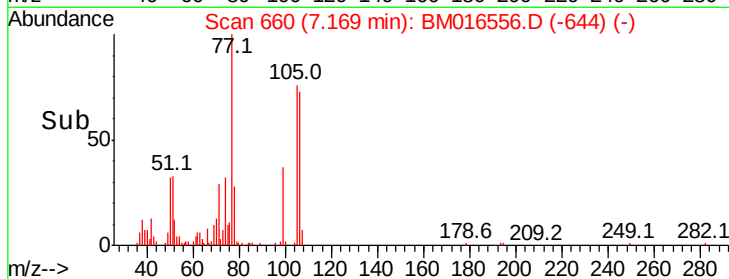
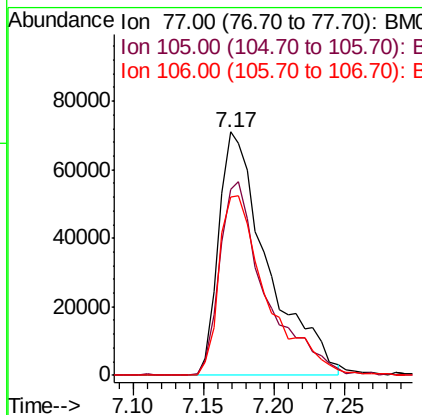
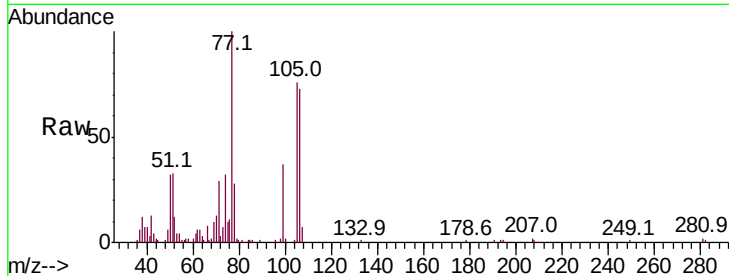
ClientSampleId :

OK-01-082118MS

Tot Ion:	77	Resp:	171854
Ion	Ratio	Lower	Upper
77	100		
105	76.2	78.8	118.8#
106	73.2	73.7	113.7#

Manual Integrations
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#10

Phenol

Concen: 34.900 ng

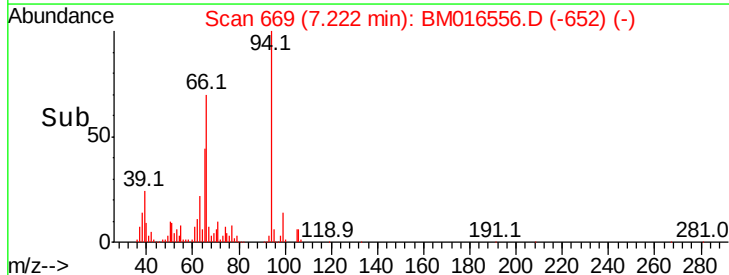
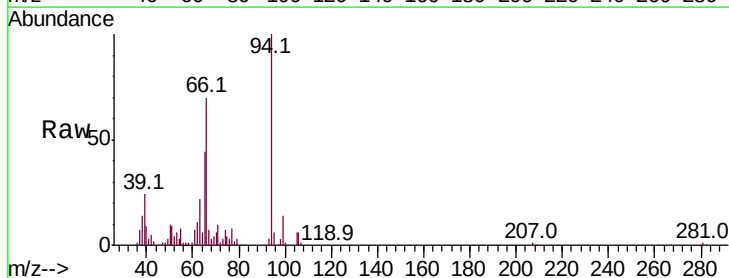
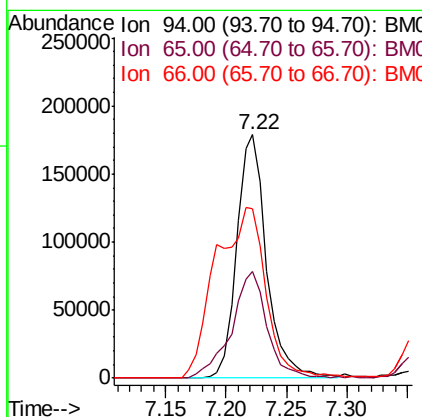
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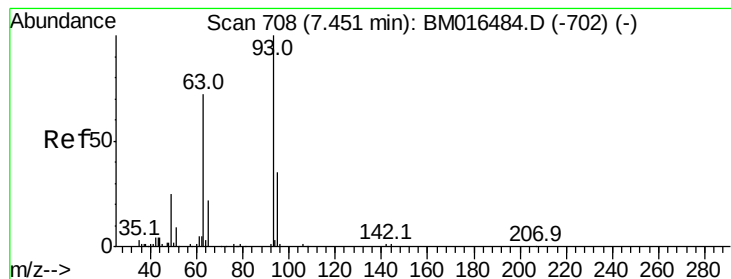
Delta R.T. 0.00 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt Ion:	94	Resp:	306651
Ion	Ratio	Lower	Upper
94	100		
65	43.7	18.8	58.8
66	69.6	39.9	79.9





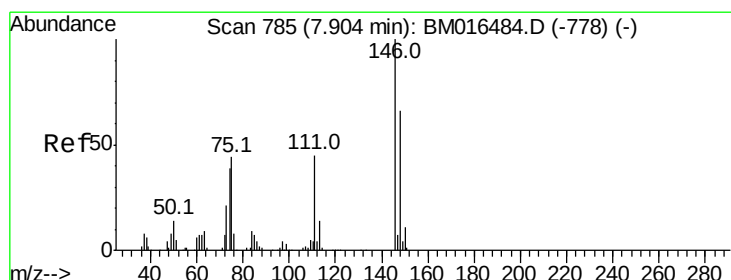
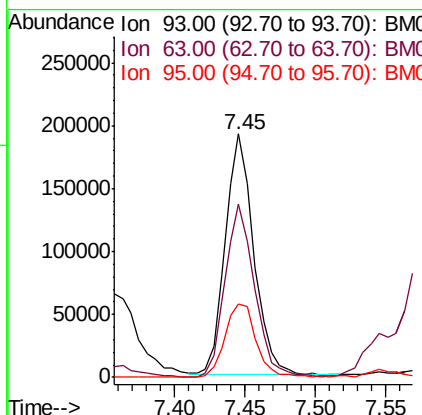
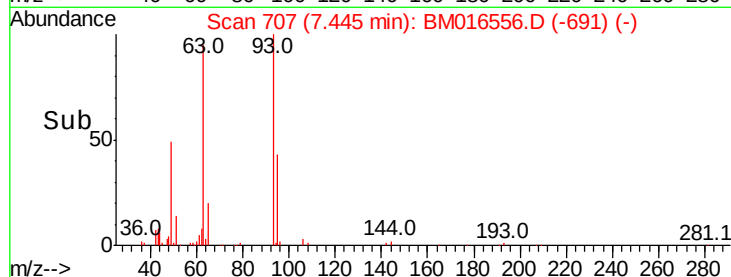
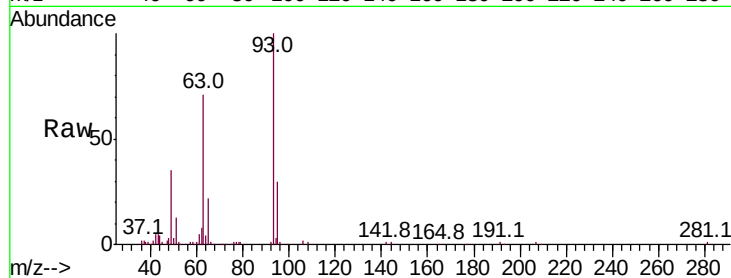
#11
bis(2-Chloroethyl)ether
Concen: 40.944 ng
RT: 7.45 min Scan# 707
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	93	Resp	269773
Ion Ratio	Lower	Upper	
93	100		
63	71.0	49.5	89.5
95	30.3	13.5	53.5

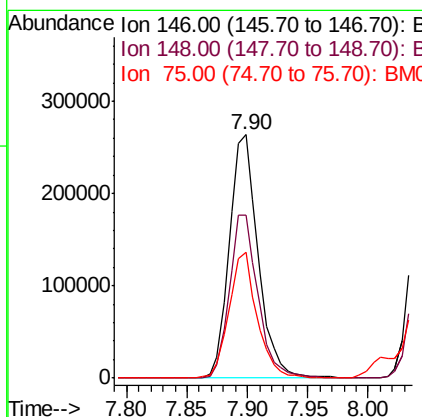
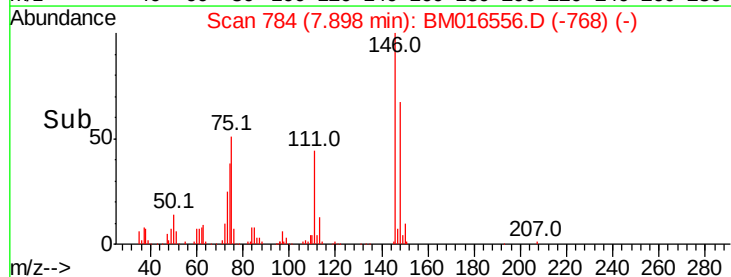
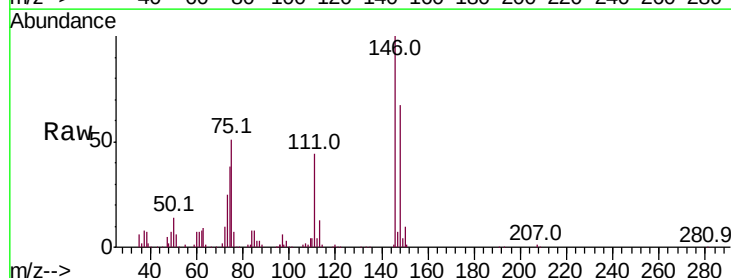
Manual Integrations
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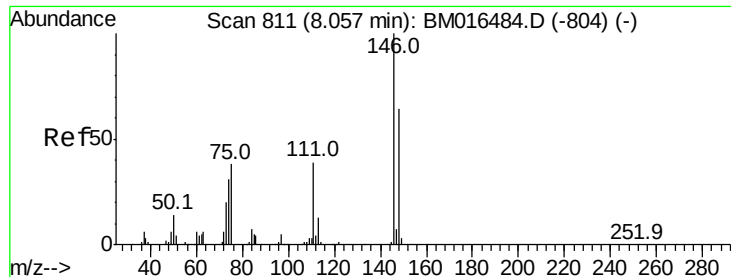
Sohil
8/23/2018 6:39:30 PM



#12
1,3-Dichlorobenzene
Concen: 41.447 ng
RT: 7.90 min Scan# 784
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	146	Resp	439029
Ion Ratio	Lower	Upper	
146	100		
148	66.8	50.9	76.3
75	51.5	21.4	32.2#





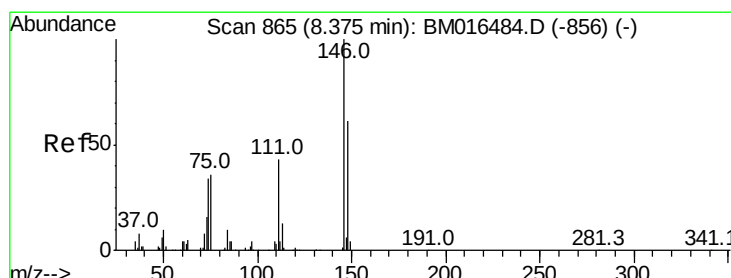
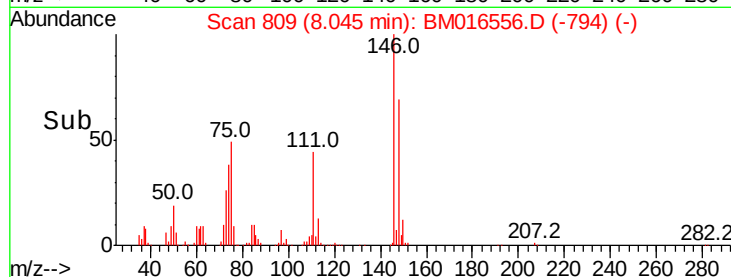
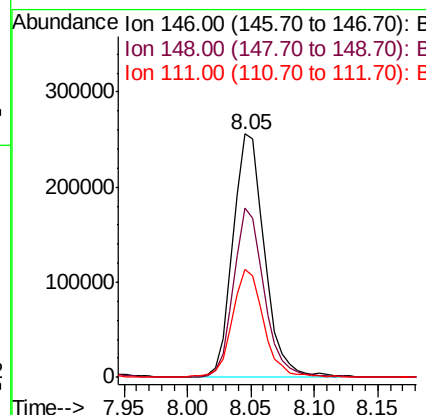
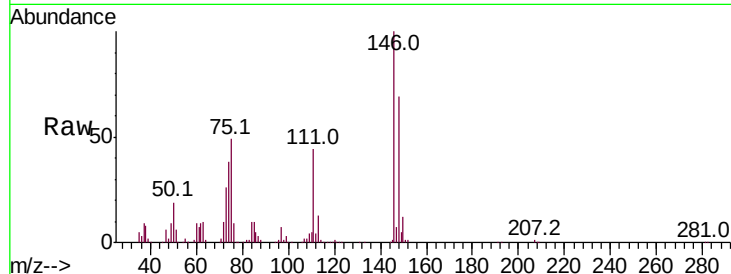
#13
 1,4-Dichlorobenzene
 Concen: 40.595 ng
 RT: 8.05 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.4	51.9	77.9
111	44.1	29.2	43.8

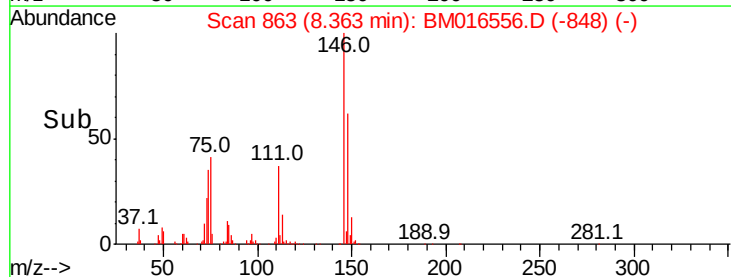
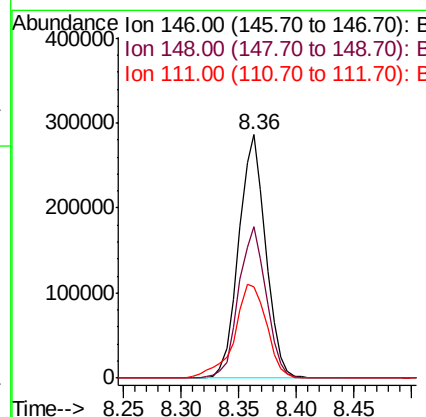
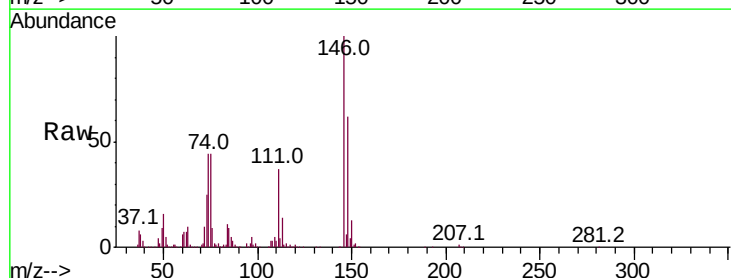
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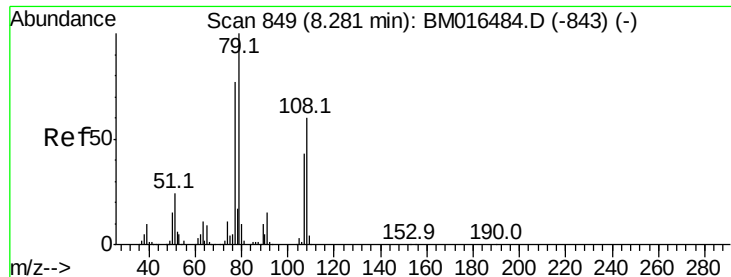
Sohil
 8/23/2018 6:39:30 PM



#14
 1,2-Dichlorobenzene
 Concen: 43.351 ng
 RT: 8.36 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	52.3	78.5
111	37.4	30.6	45.8





#15

Benzyl Alcohol

Concen: 41.748 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

ClientSampleId :

OK-01-082118MS

Tot Ion: 79 Resp: 344452

Ion Ratio Lower Upper

79 100

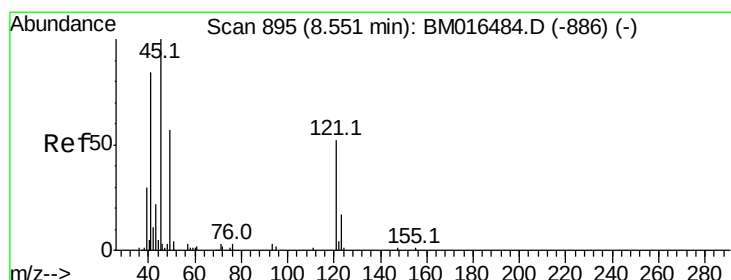
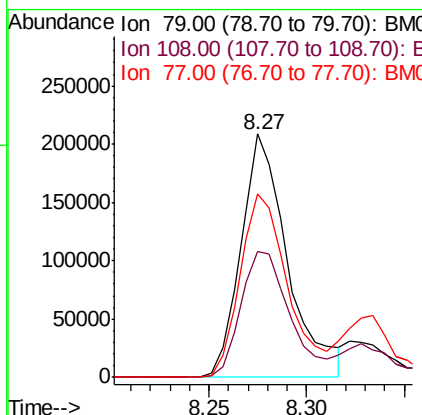
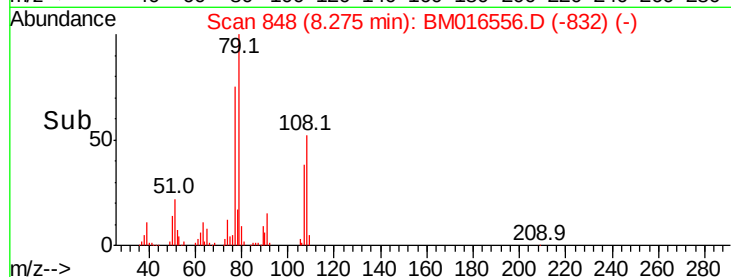
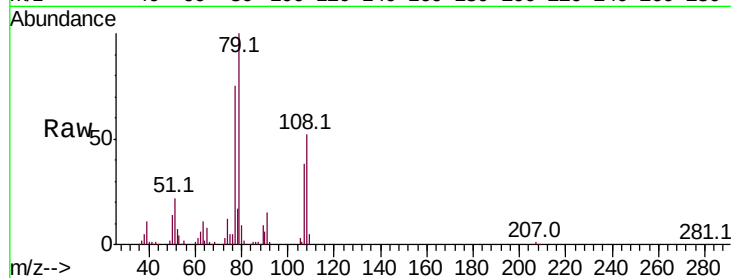
108 51.7 65.0 97.4#

77 75.2 53.0 79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.228 ng

RT: 8.53 min Scan# 891

Delta R.T. -0.02 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

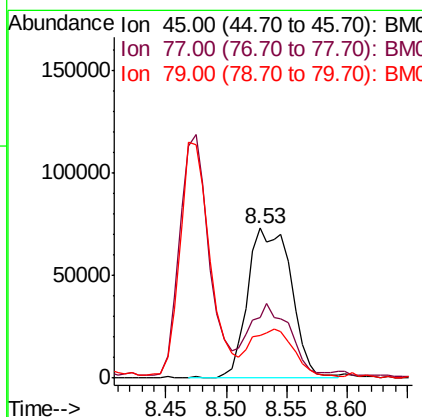
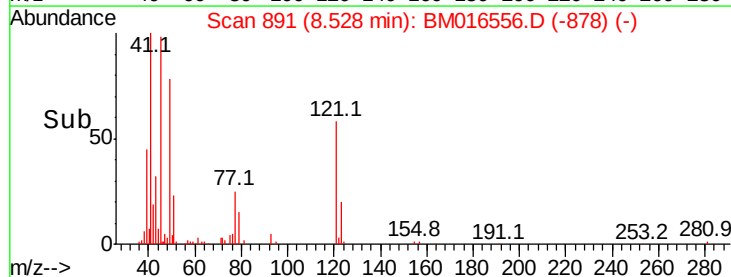
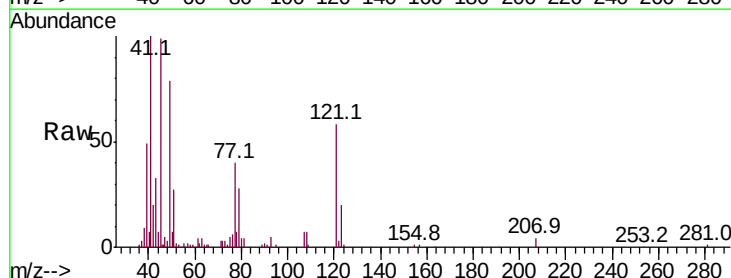
Tgt Ion: 45 Resp: 182512

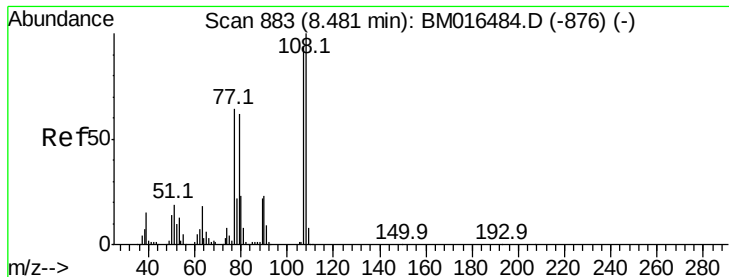
Ion Ratio Lower Upper

45 100

77 40.5 0.0 35.2#

79 28.3 0.0 32.0





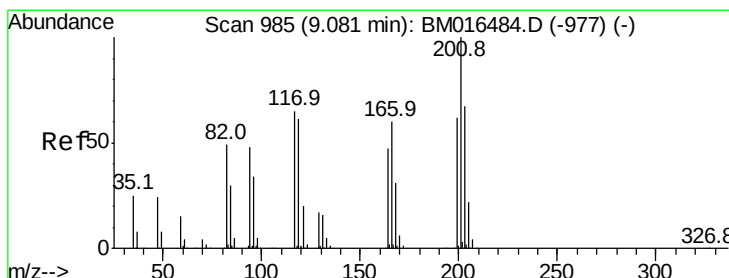
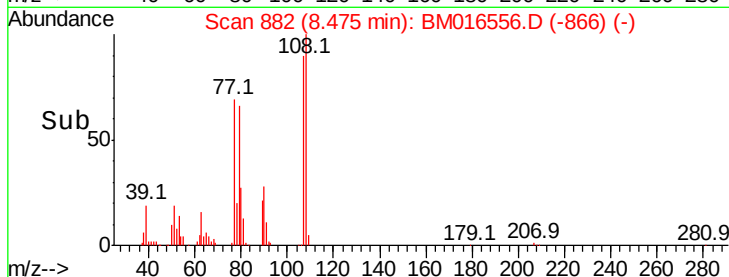
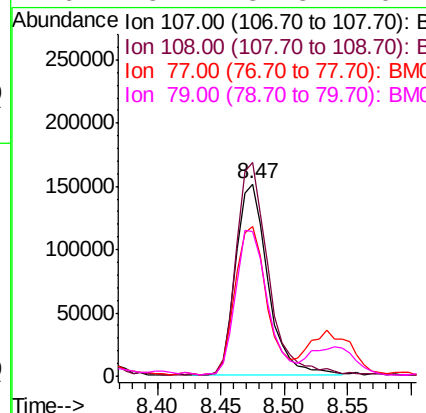
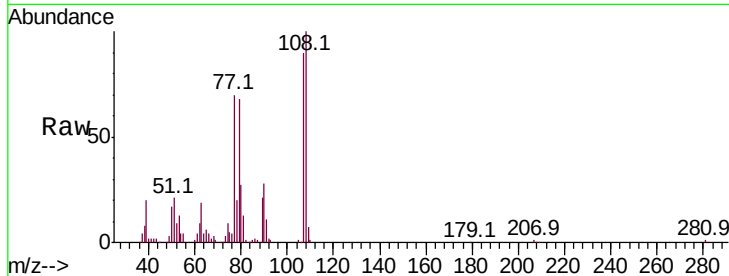
#17
2-Methylphenol
Concen: 41.870 ng
RT: 8.47 min Scan# 882
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	89.8	134.8	
77	78.2	32.6	48.8#	
79	75.1	32.8	49.2#	

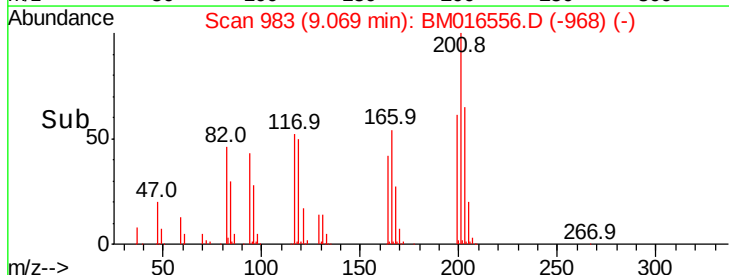
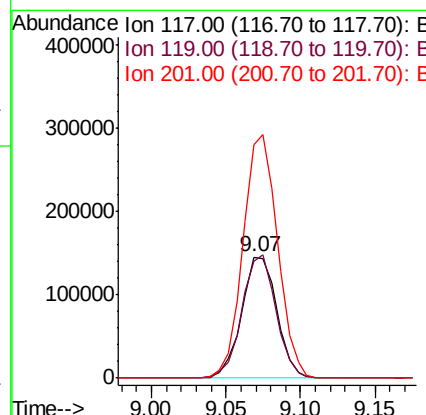
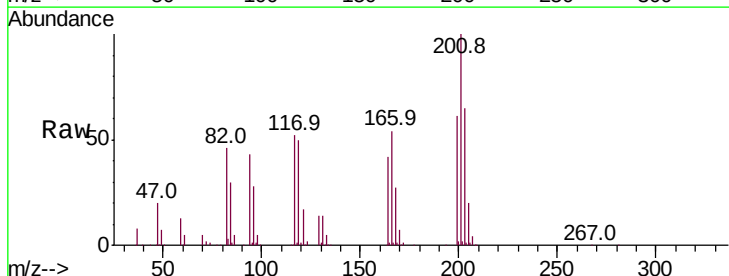
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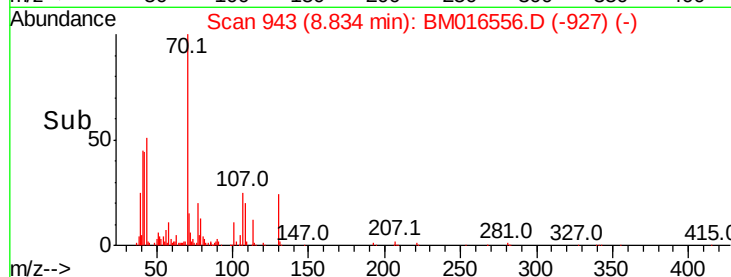
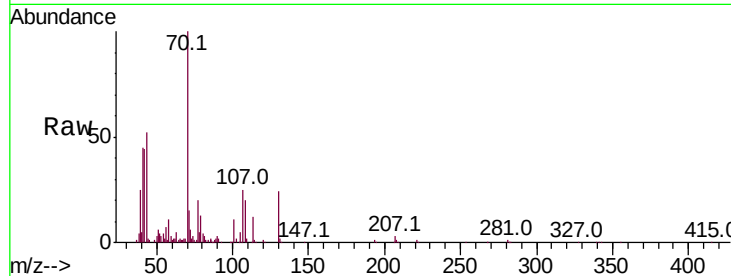
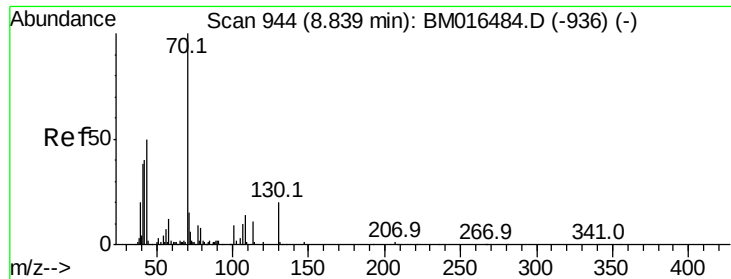
Sohil
8/23/2018 6:39:30 PM



#18
Hexachloroethane
Concen: 47.438 ng
RT: 9.07 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	79.2	118.8	
201	193.1	69.8	104.6#	





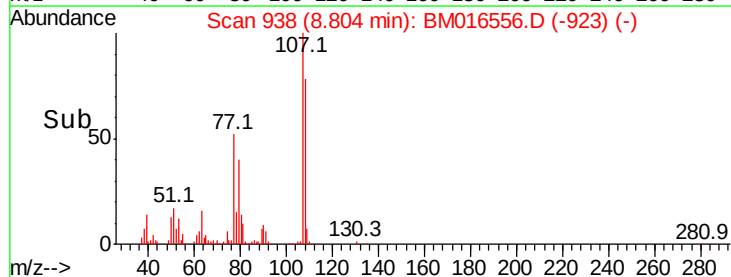
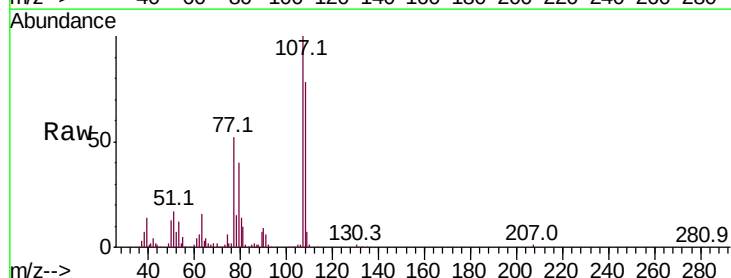
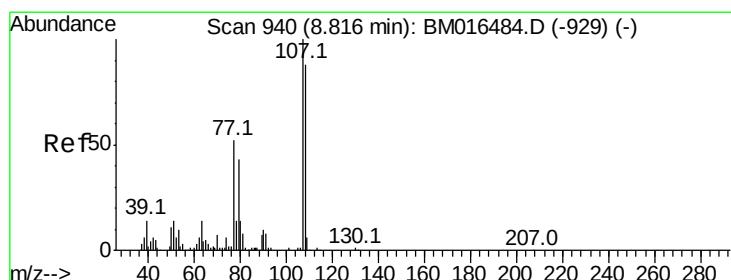
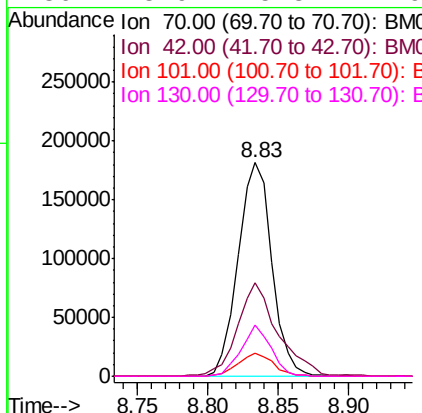
#19
n-Nitroso-di-n-propylamine
Concen: 43.470 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	43.6	44.5	66.7#		
101	10.7	7.4	11.2		
130	23.9	15.3	22.9#		

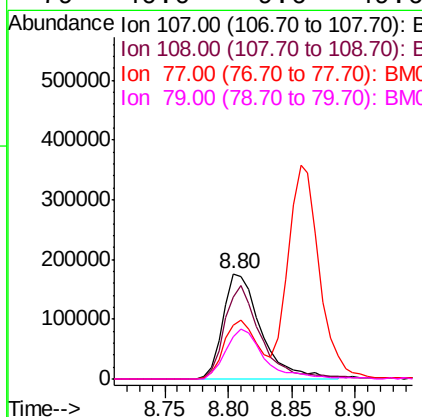
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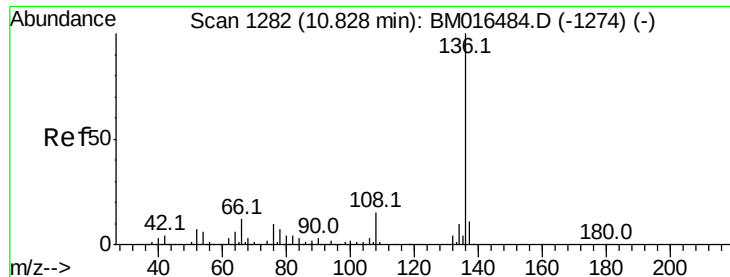
Sohil
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#20
3+4-Methylphenols
Concen: 41.677 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	77.7	73.2	113.2		
77	51.7	10.7	50.7#		
79	40.0	9.6	49.6		





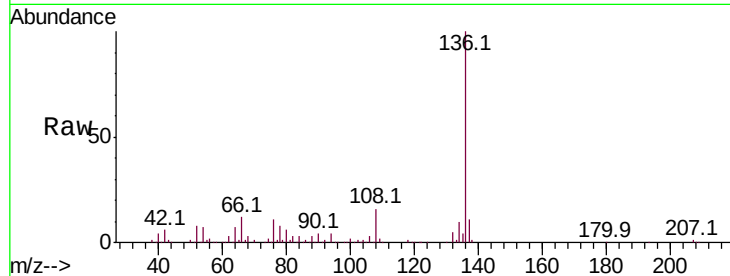
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

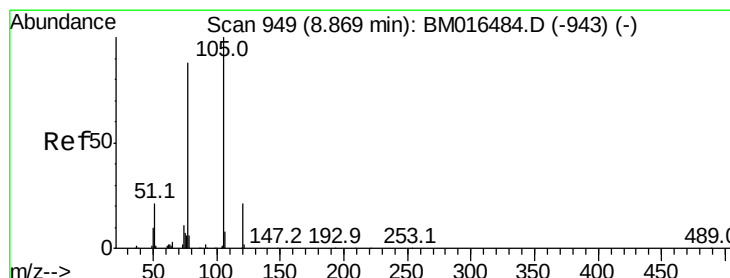
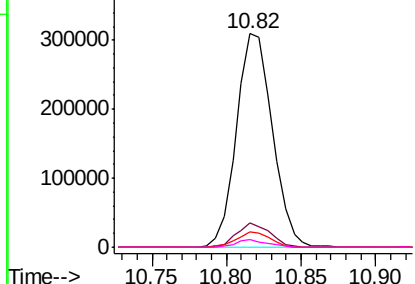
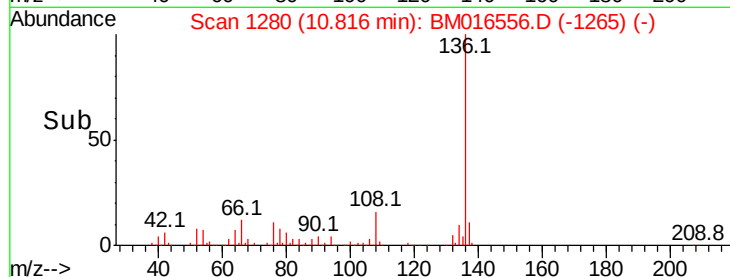
Tot Ion	Ratio	Resp	Lower	Upper
136	100	517936		
137	11.4	8.7	13.1	
54	7.0	4.6	6.8#	
68	3.4	3.7	5.5#	

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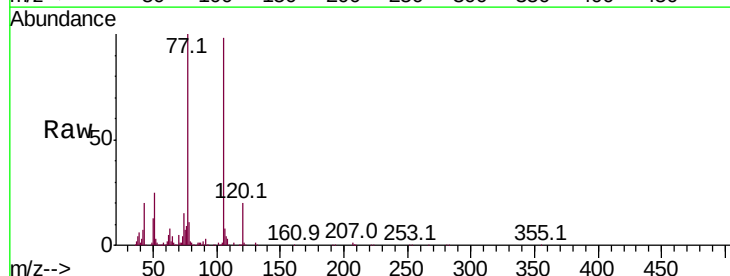


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

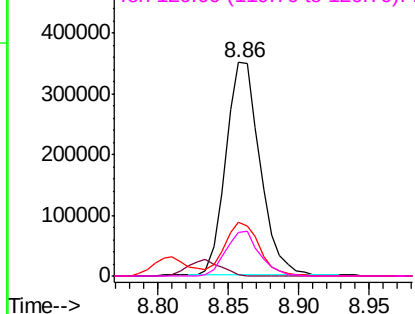
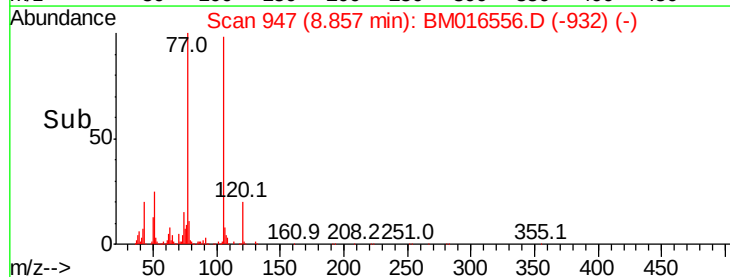


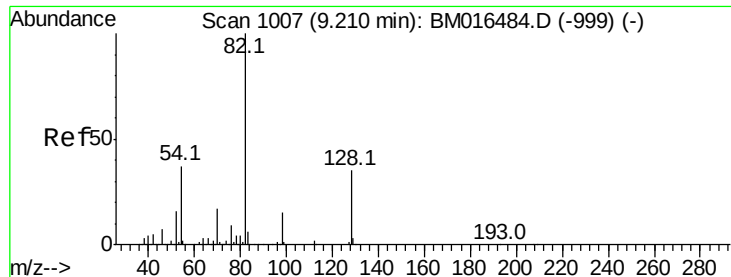
#22
Acetophenone
Concen: 47.574 ng
RT: 8.86 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	593343		
71	0.6	0.6	1.0#	
51	25.1	21.6	32.4	
120	20.2	16.1	24.1	



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





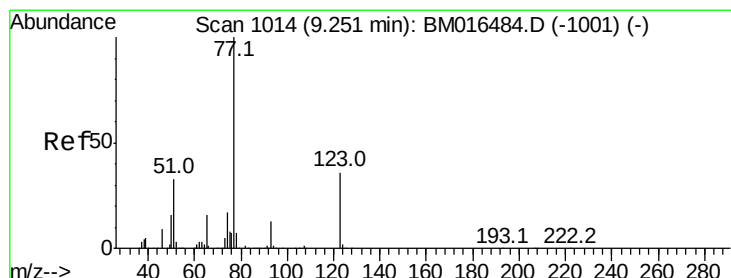
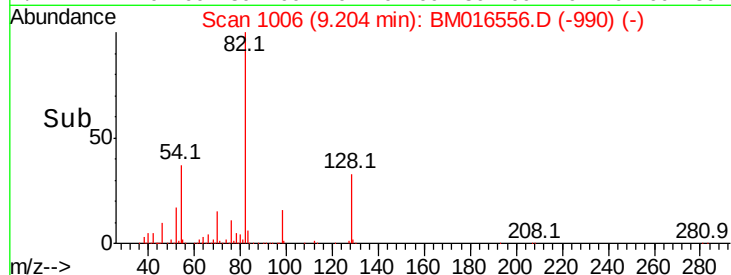
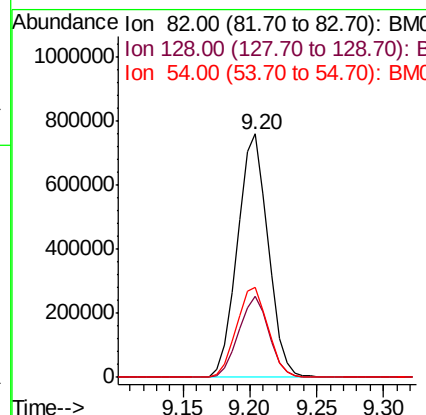
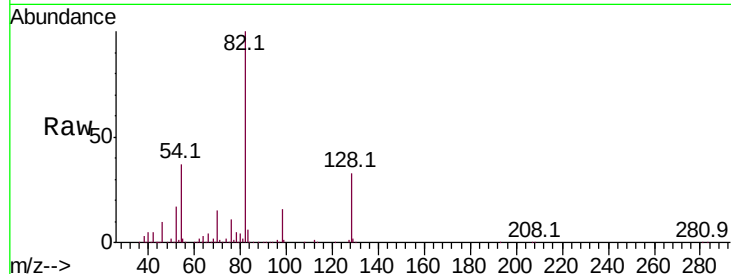
#23
 Nitrobenzene-d5
 Concen: 107.042 ng
 RT: 9.20 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	32.8	49.2
54	36.8	40.6	60.8#

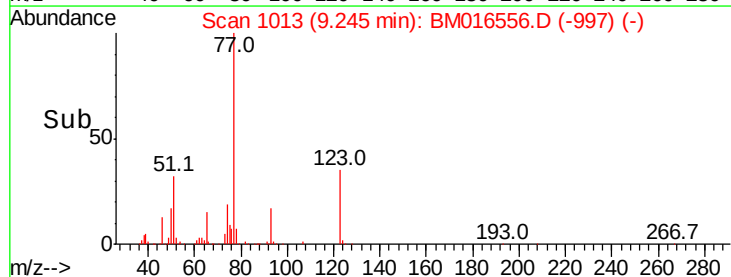
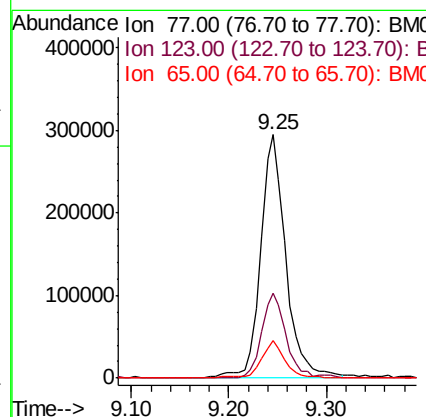
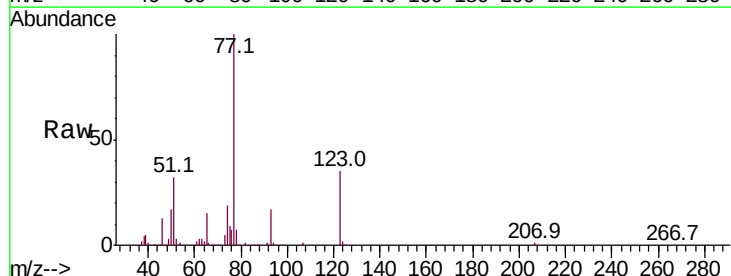
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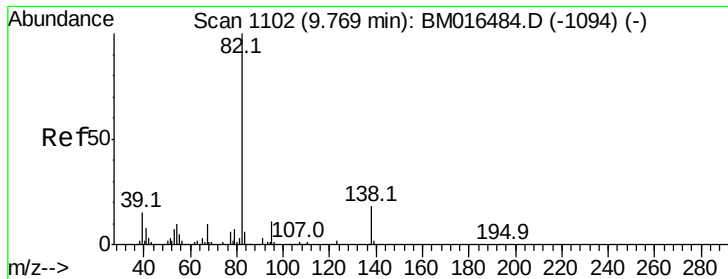
Sohil
 8/23/2018 6:39:30 PM



#24
 Nitrobenzene
 Concen: 47.536 ng
 RT: 9.25 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.6	32.6	49.0
65	15.3	10.9	16.3





#25

Isophorone

Concen: 54.909 ng

RT: 9.76 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

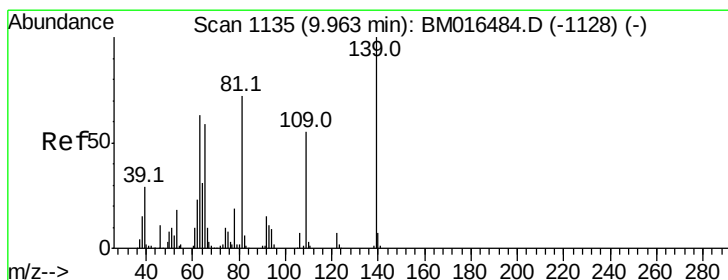
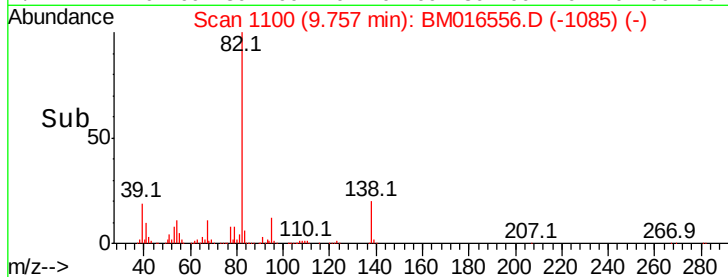
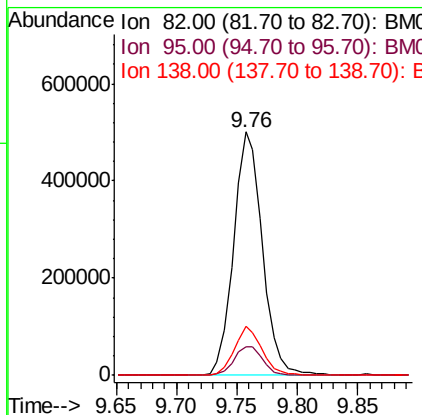
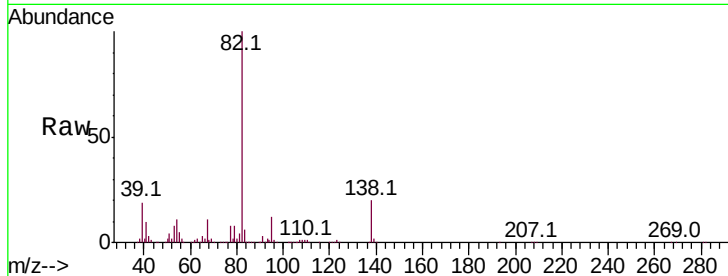
ClientSampleId :

OK-01-082118MS

Tot Ion	82	Resp	832458
Ion Ratio	Lower	Upper	
82	100		
95	11.7	5.8	8.6#
138	20.1	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.207 ng m

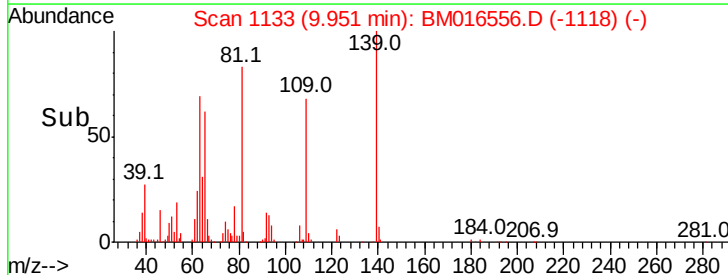
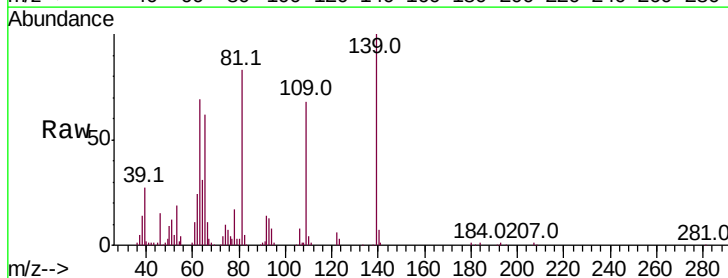
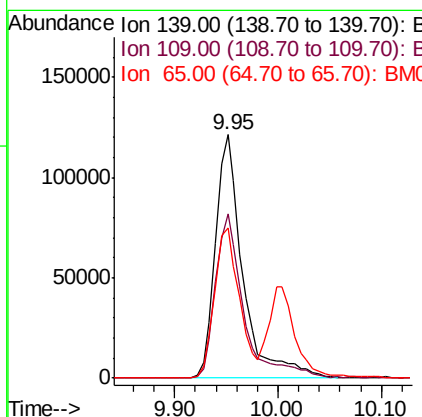
RT: 9.95 min Scan# 1133

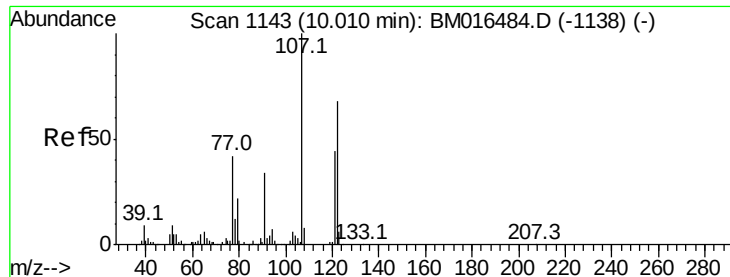
Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt Ion	139	Resp	223888
Ion Ratio	Lower	Upper	
139	100		
109	67.5	20.1	30.1#
65	61.9	31.5	47.3#





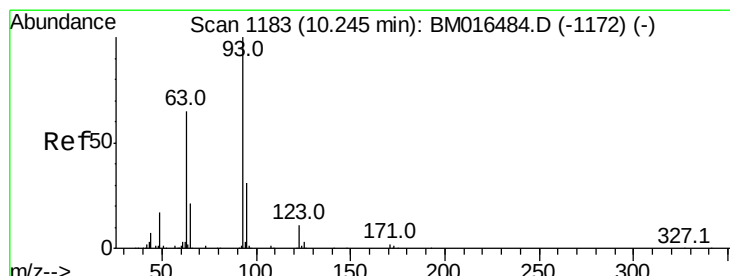
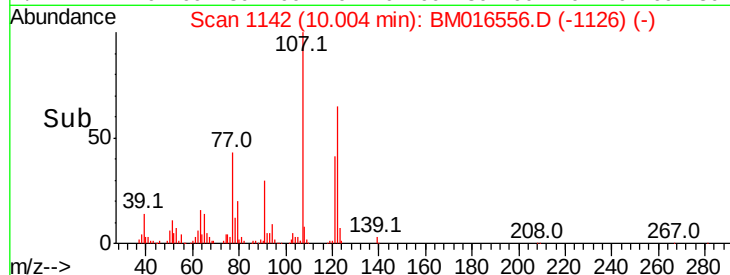
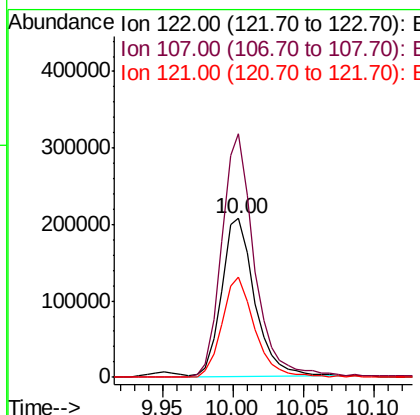
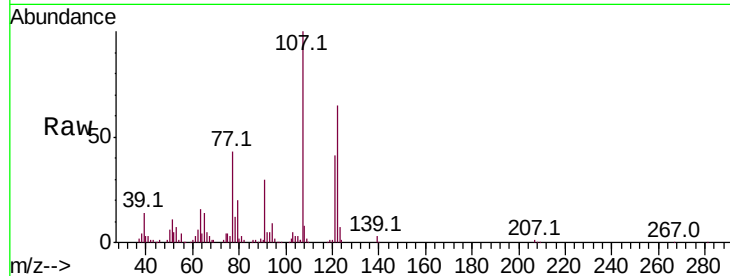
#27
2,4-Dimethylphenol
Concen: 53.433 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	153.1	84.7	127.1#
121	62.9	46.6	69.8

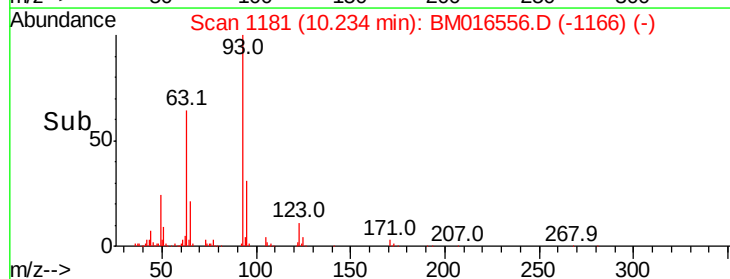
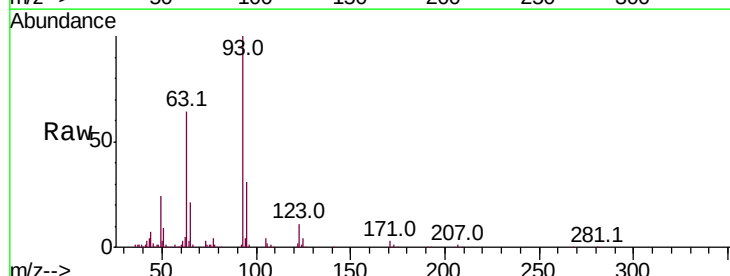
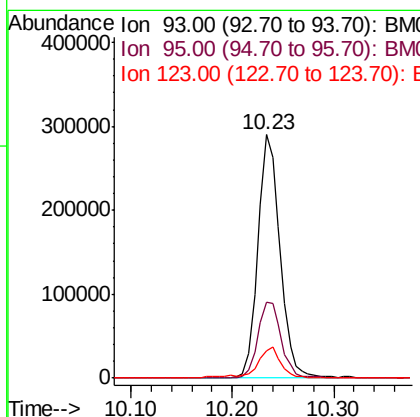
Manual Integrations
APPROVED

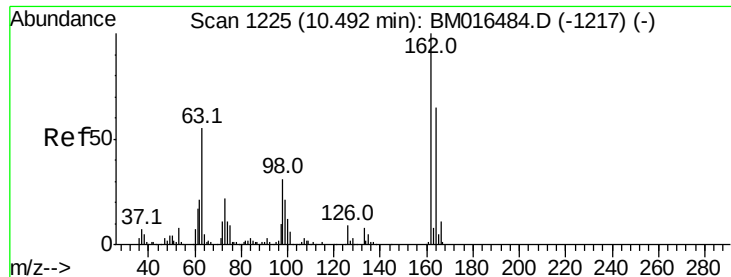
Sohil
8/23/2018 6:39:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 48.441 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	25.5	38.3
123	11.0	8.6	13.0





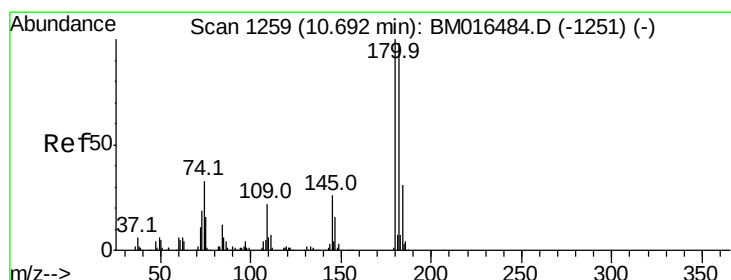
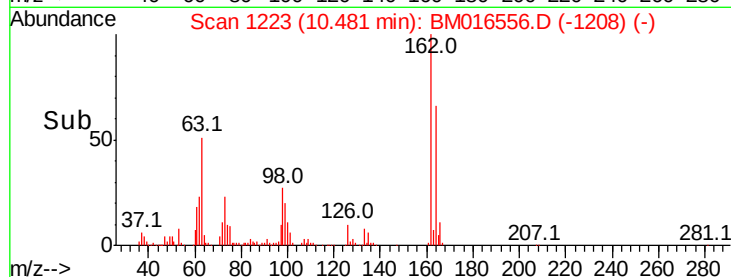
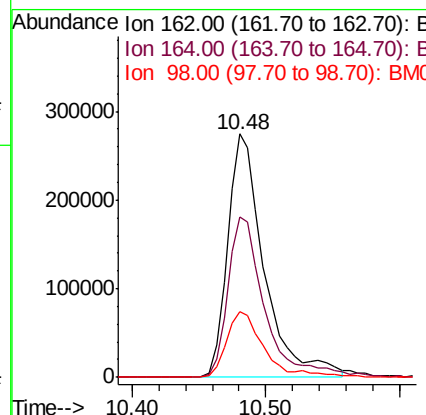
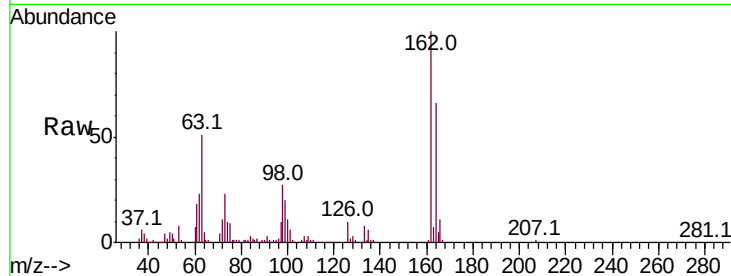
#29
2,4-Dichlorophenol
Concen: 55.492 ng
RT: 10.48 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.0	42.8	82.8	
98	26.9	14.5	54.5	

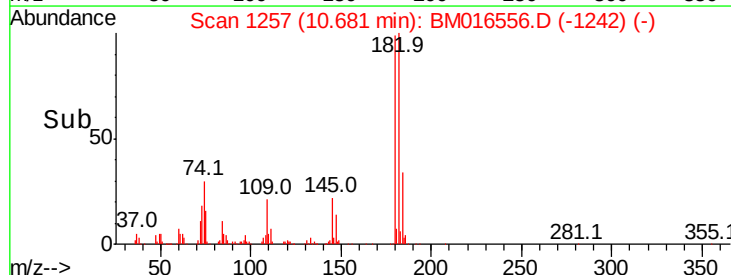
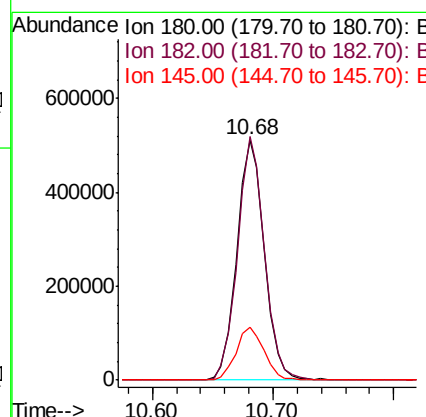
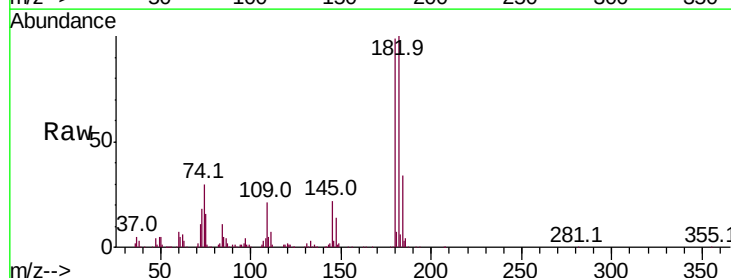
Manual Integrations
APPROVED

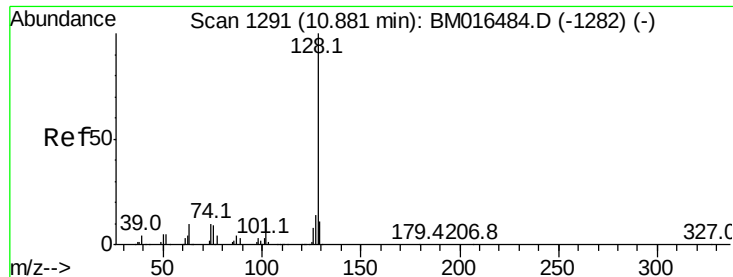
Sohil
8/23/2018 6:39:30 PM



#30
1,2,4-Trichlorobenzene
Concen: 56.451 ng
RT: 10.68 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	101.4	77.6	116.4	
145	21.8	23.4	35.2	





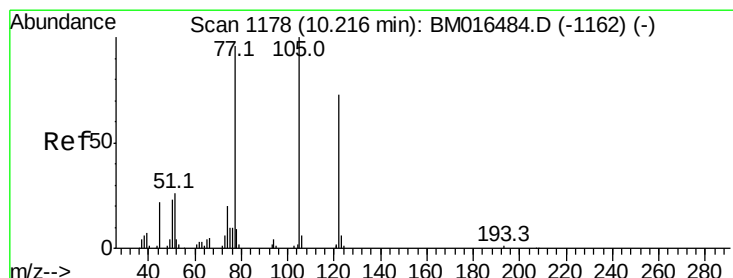
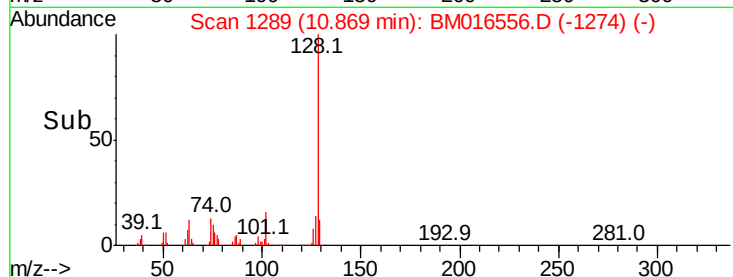
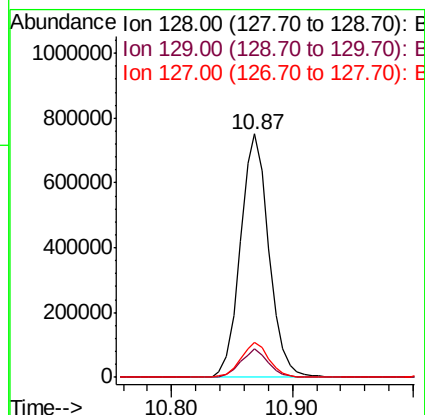
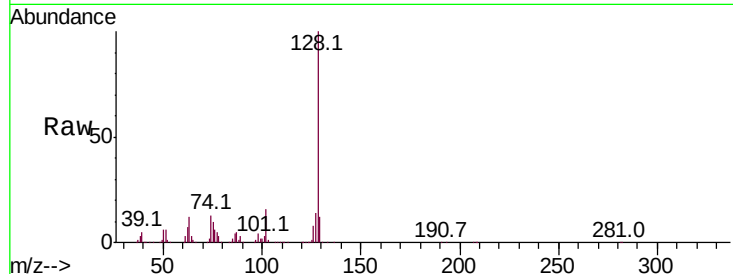
#31
Naphthalene
Concen: 50.165 ng
RT: 10.87 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.9	13.3
127	14.4	10.4	15.6

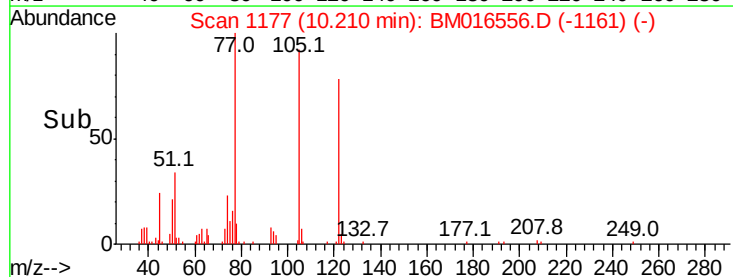
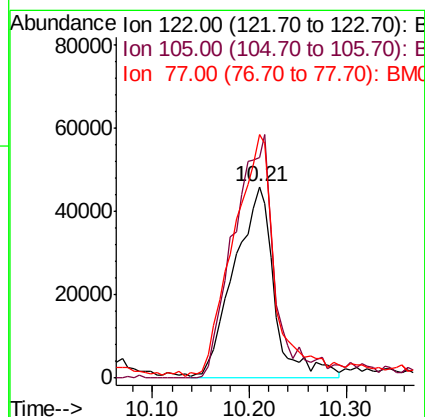
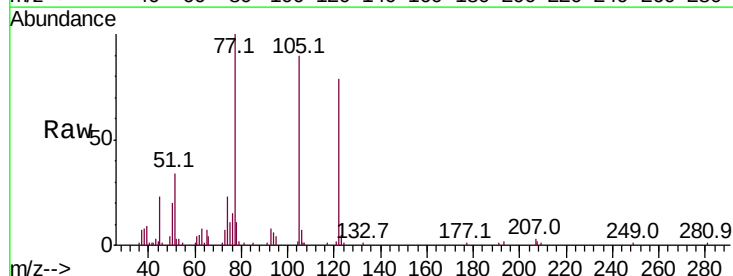
Manual Integrations
APPROVED

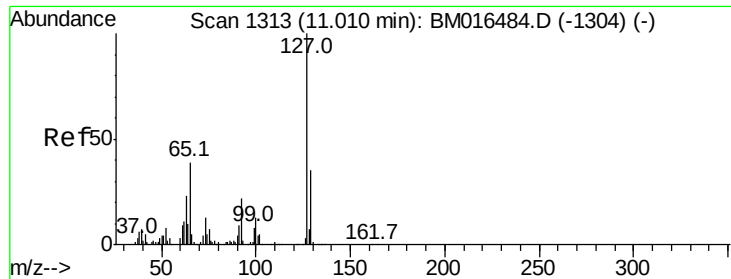
Sohil
8/23/2018 6:39:30 PM



#32
Benzoic acid
Concen: 25.261 ng m
RT: 10.21 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.1	99.9	139.9
77	127.2	73.7	113.7#





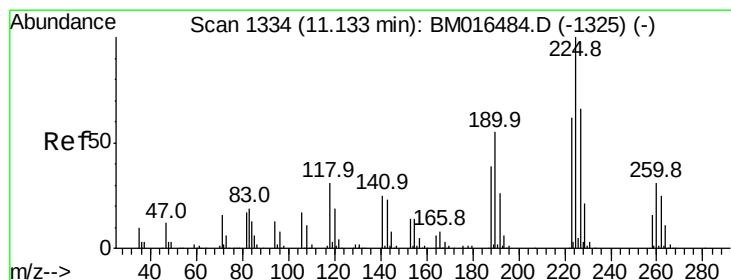
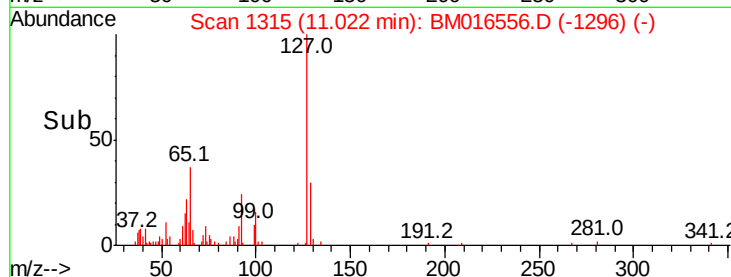
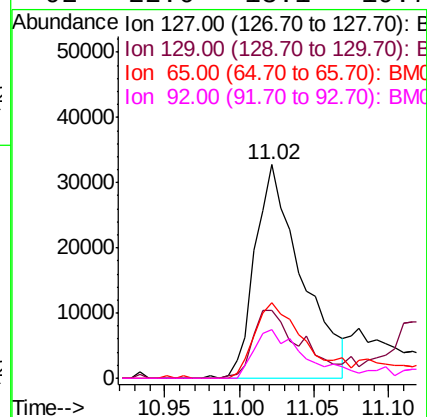
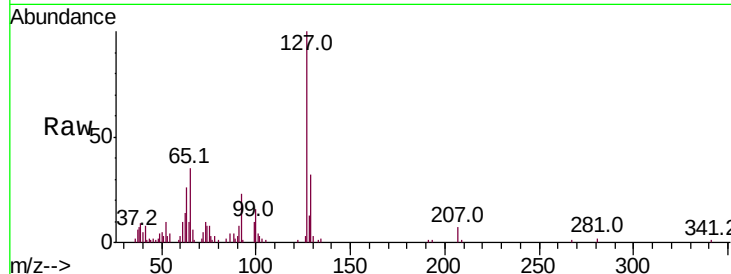
#33
4-Chloroaniline
Concen: 6.811 ng
RT: 11.02 min Scan# 1315
Delta R.T. 0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.3	37.9
65	35.3	17.6	26.4
92	22.6	13.1	19.7

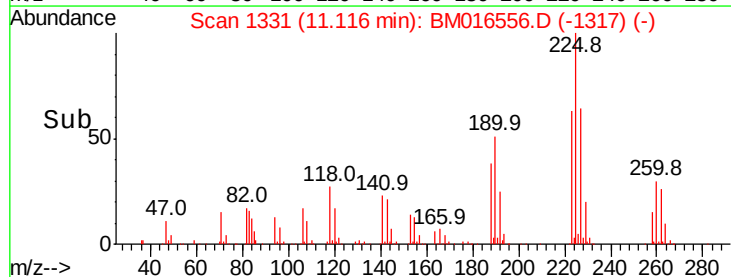
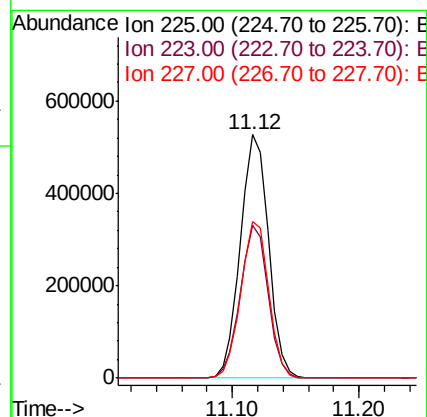
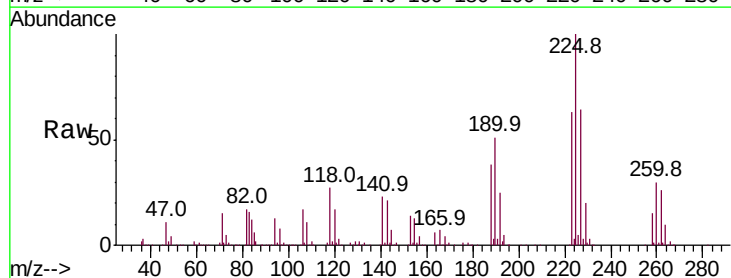
Manual Integrations
APPROVED

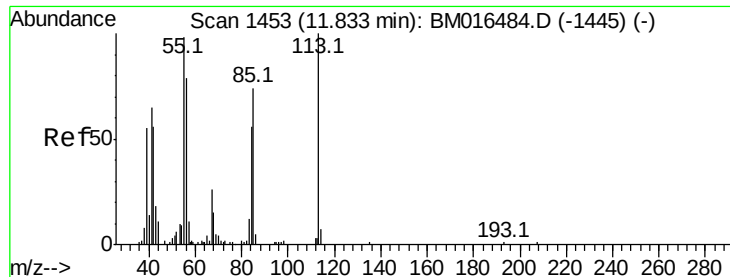
Sohil
8/23/2018 6:39:30 PM



#34
Hexachlorobutadiene
Concen: 59.247 ng
RT: 11.12 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	47.9	71.9
227	64.5	50.1	75.1





#35

Caprolactam

Concen: 29.796 ng/mL

RT: 11.83 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

ClientSampleId :

OK-01-082118MS

Tot Ion:113 Resp: 67567

Ion Ratio Lower Upper

113 100

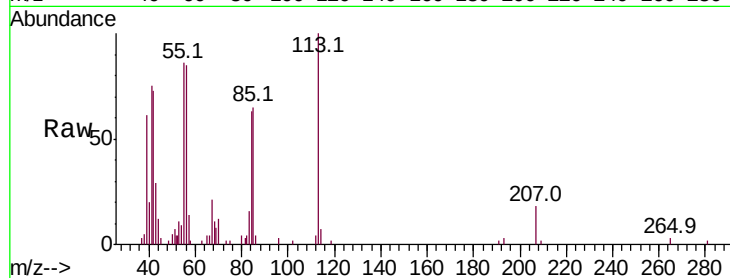
55 86.0 145.9 185.9#

56 84.7 101.0 141.0#

Manual Integrations
APPROVED

Sohil

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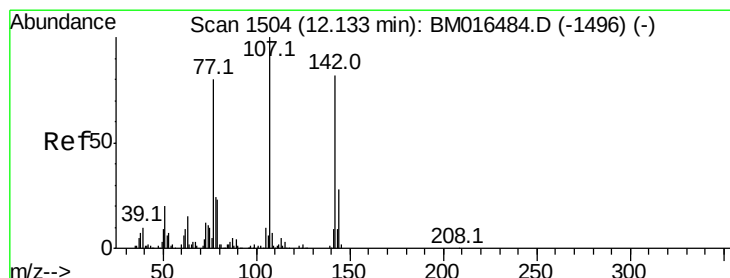
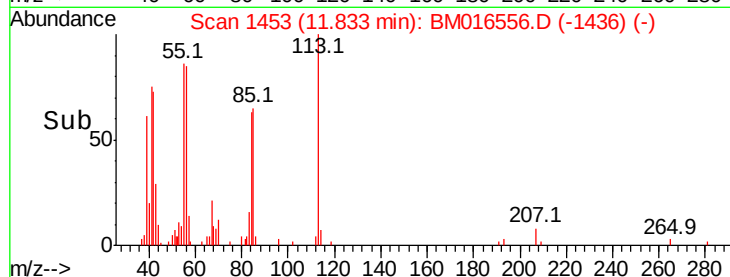
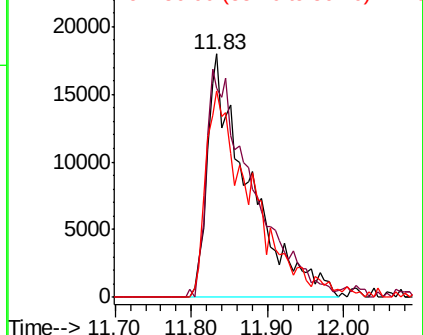


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 48.383 ng/mL

RT: 12.13 min Scan# 1504

Delta R.T. 0.00 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

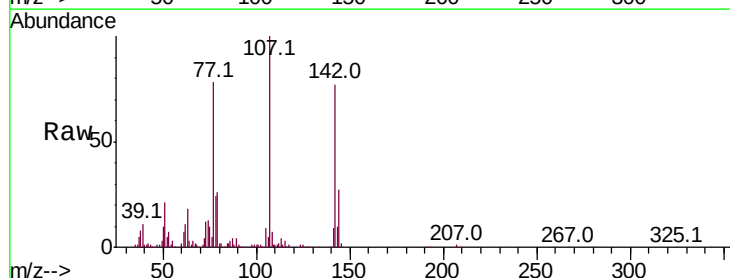
Tgt Ion:107 Resp: 439578

Ion Ratio Lower Upper

107 100

144 27.3 23.3 34.9

142 77.0 72.6 109.0

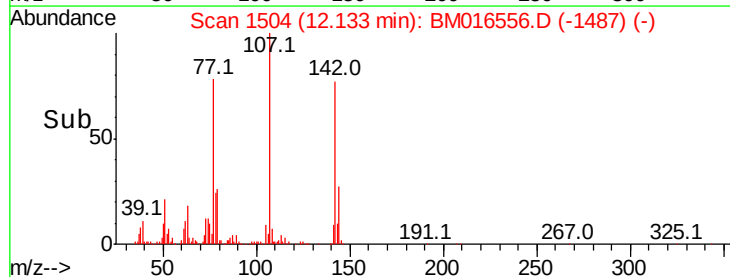
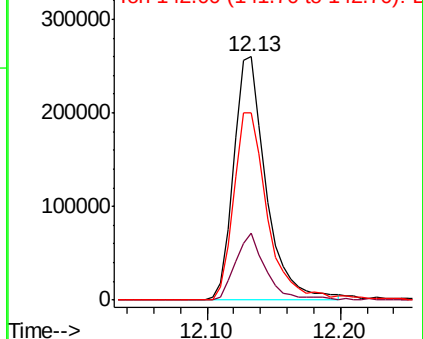


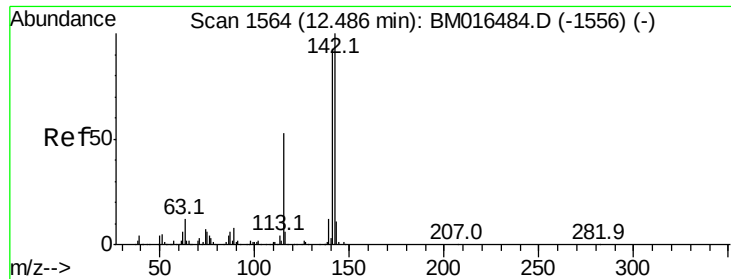
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





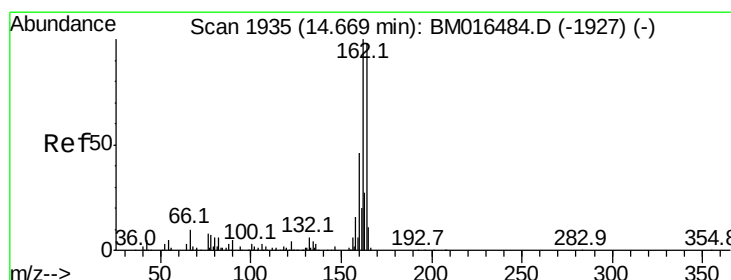
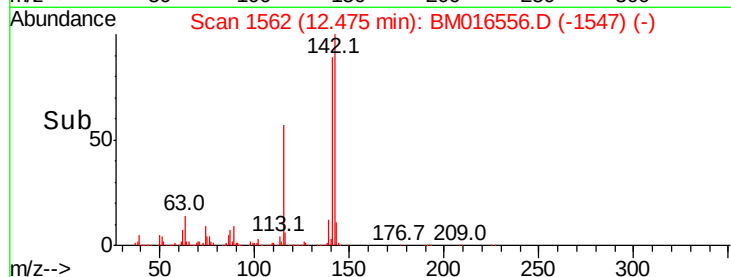
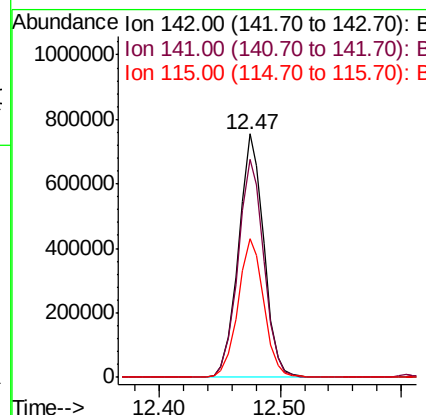
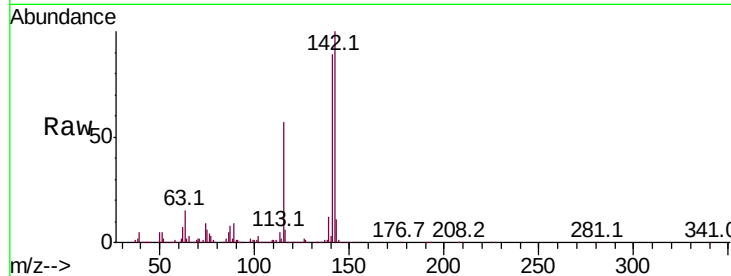
#37
2-Methylnaphthalene
Concen: 57.154 ng
RT: 12.47 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.9	107.9
115	56.8	25.4	38.0

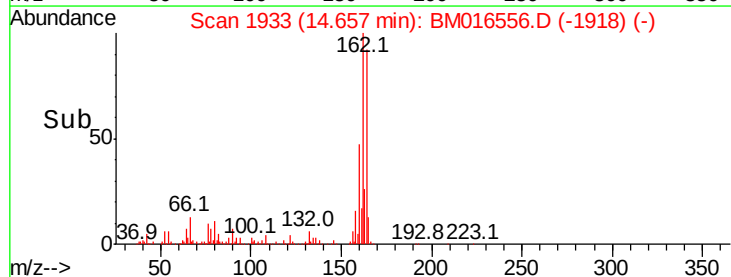
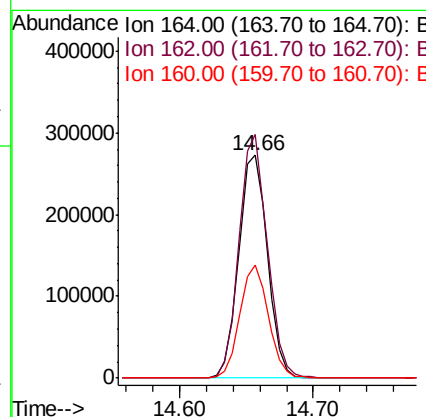
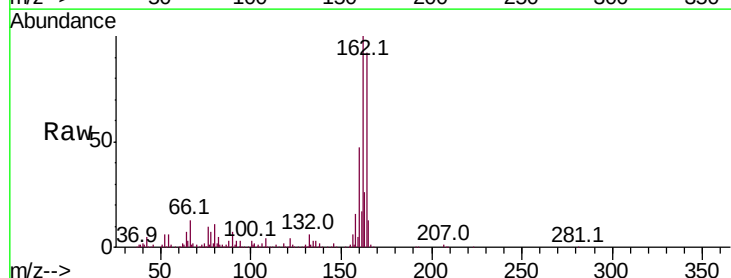
Manual Integrations
APPROVED

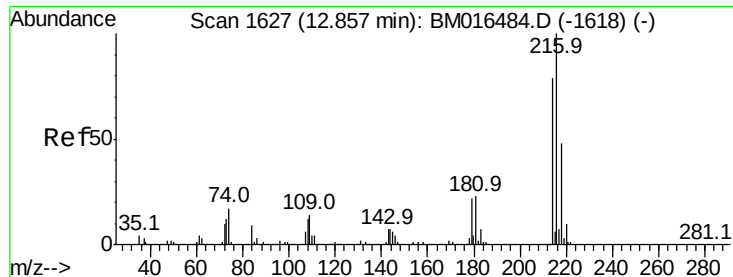
Sohil
8/23/2018 6:39:30 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.2	82.4	123.6
160	50.8	35.8	53.6





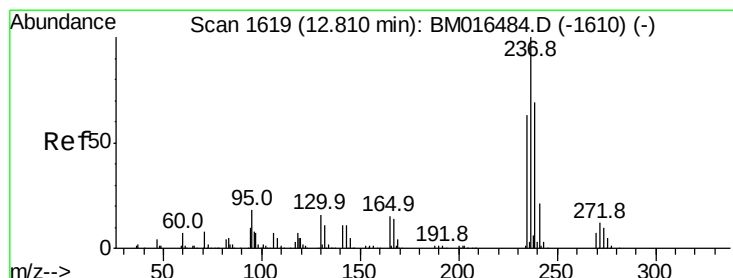
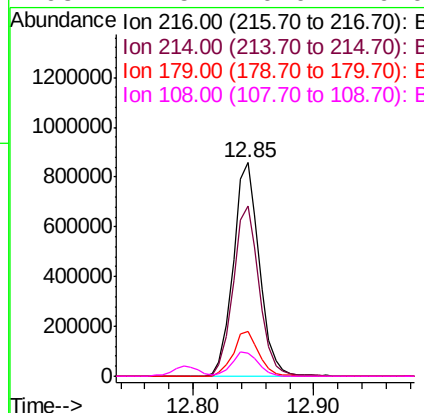
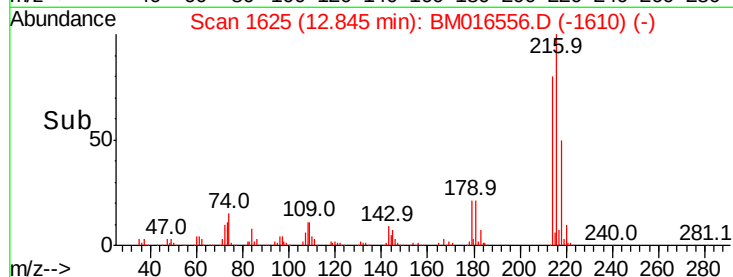
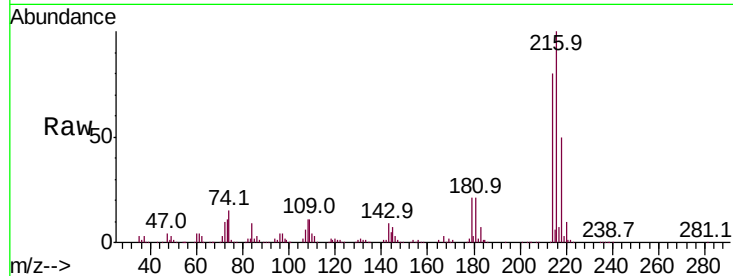
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.013 ng
 RT: 12.85 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
216	100		
214	79.4	0.0	0.0#
179	20.4	0.0	0.0#
108	11.5	0.0	0.0#

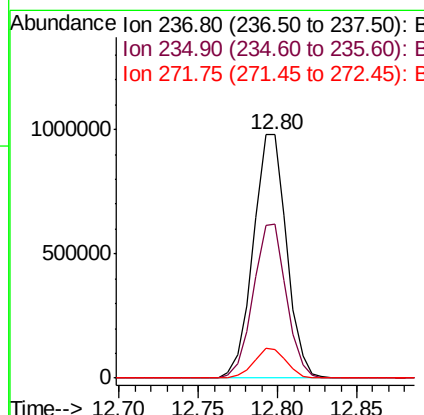
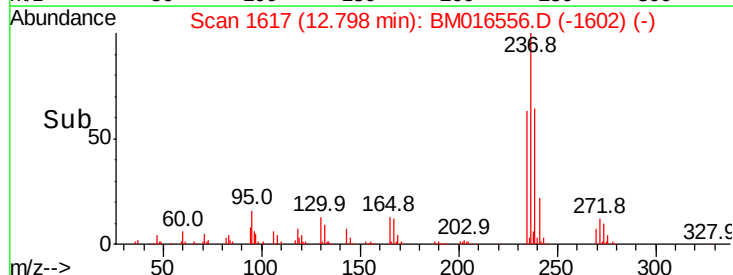
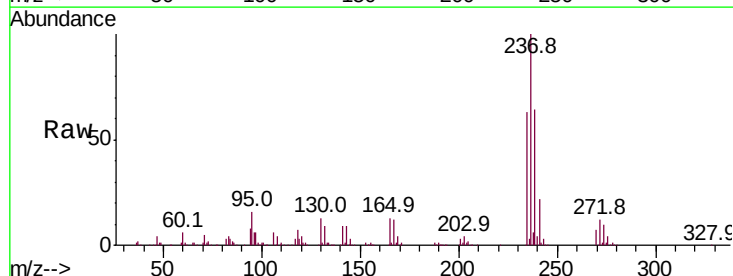
Manual Integrations
 APPROVED

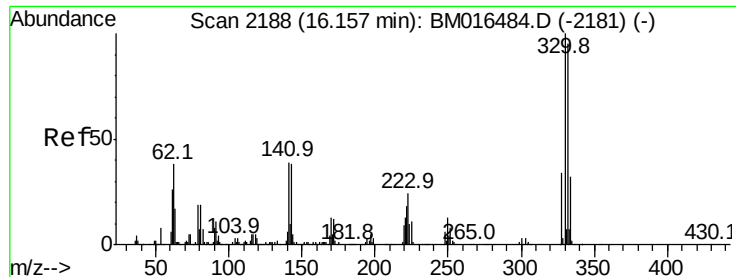
Sohil
 8/23/2018 6:39:30 PM



#40
 Hexachlorocyclopentadiene
 Concen: 116.445 ng
 RT: 12.80 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.0	82.0
272	11.7	0.0	33.4





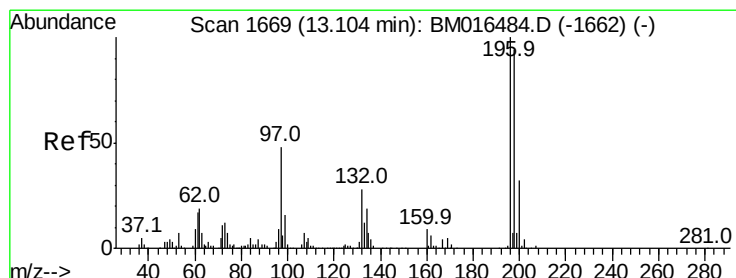
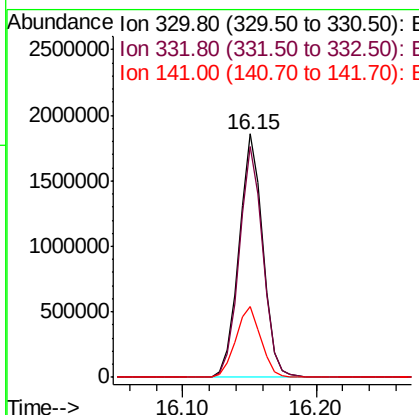
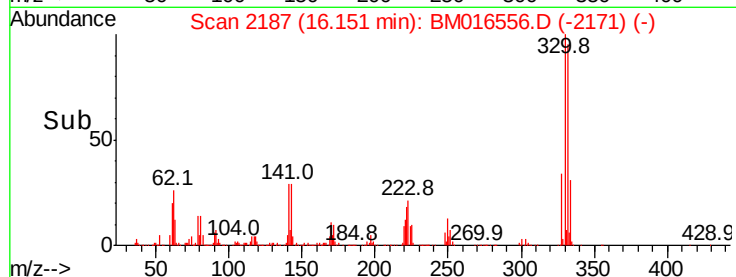
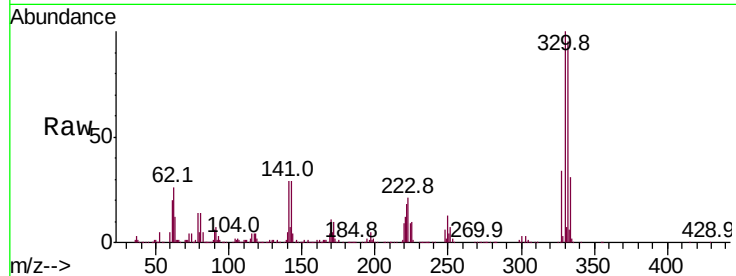
#41
 2,4,6-Tribromophenol
 Concen: 200.941 ng
 RT: 16.15 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	0.0	0.0#
141	31.0	0.0	0.0#

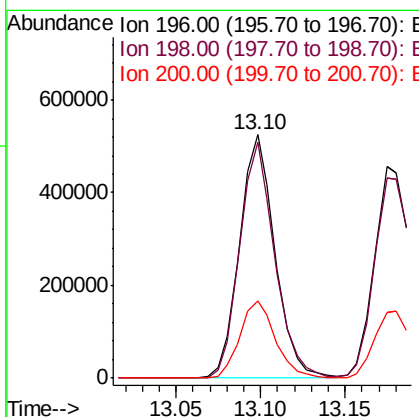
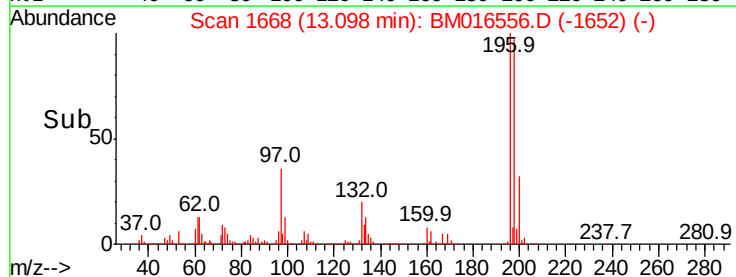
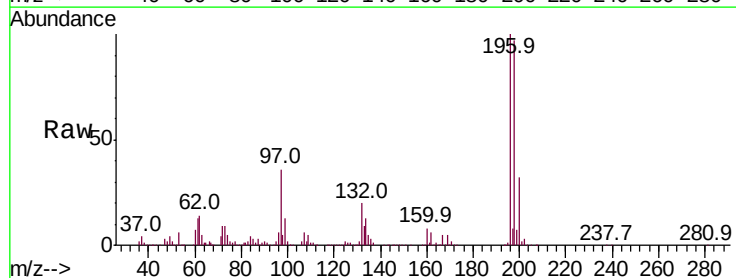
Manual Integrations
 APPROVED

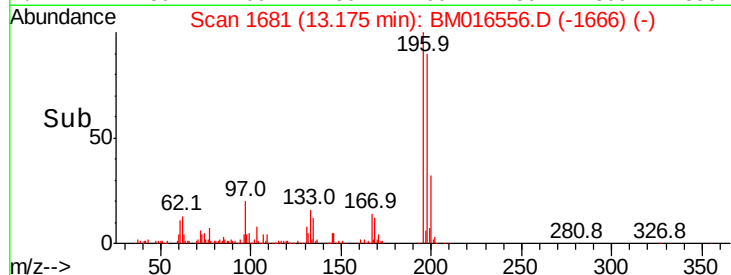
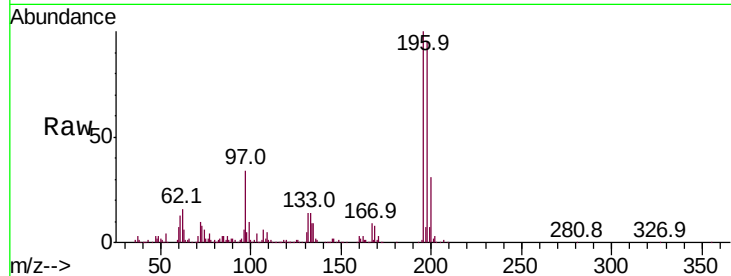
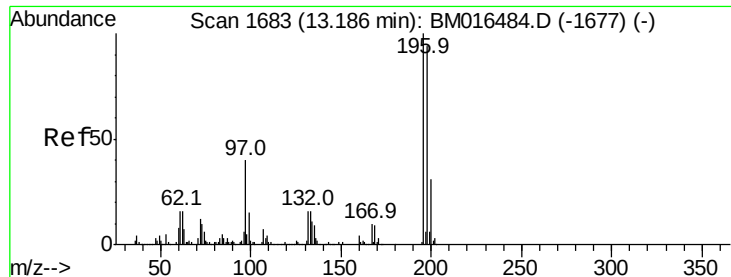
Sohil
 8/23/2018 6:39:30 PM



#42
 2,4,6-Trichlorophenol
 Concen: 55.561 ng
 RT: 13.10 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	76.3	114.5
200	32.0	25.6	38.4





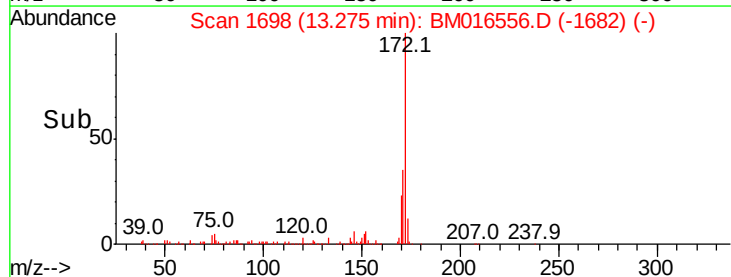
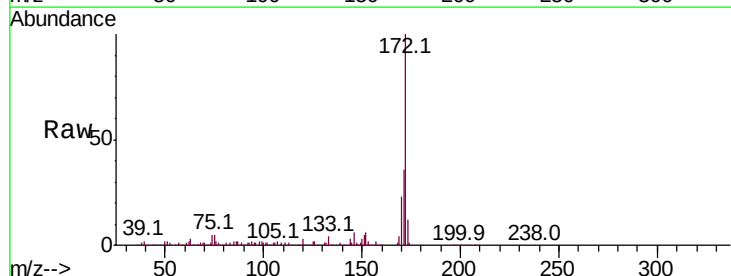
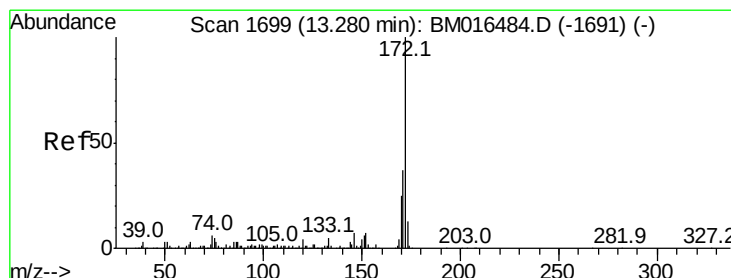
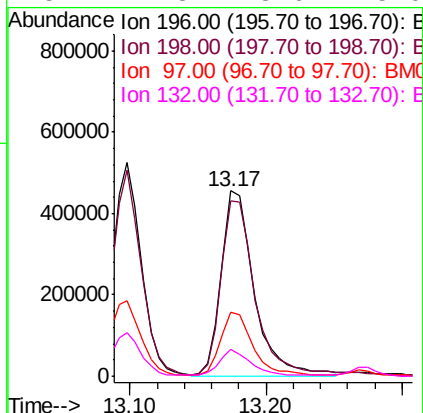
#43
2,4,5-Trichlorophenol
Concen: 58.064 ng m
RT: 13.17 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	94.9	79.4	119.0
97	34.5	26.8	40.2
132	14.3	18.6	28.0

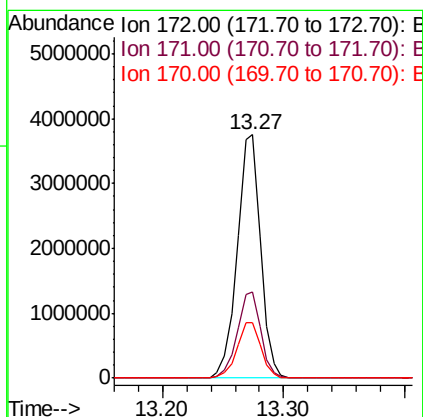
Manual Integrations
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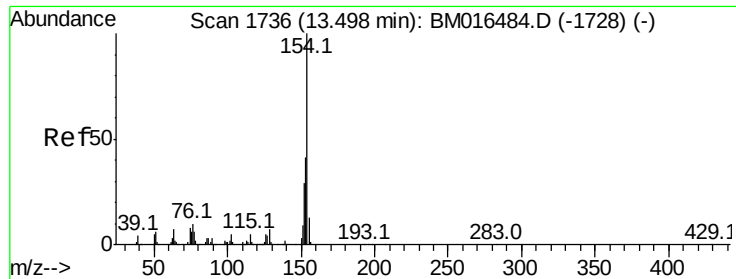
Sohil
8/23/2018 6:39:30 PM



#44
2-Fluorobiphenyl
Concen: 119.289 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.6	28.5	42.7
170	22.7	18.8	28.2





#45

1,1'-Biphenyl

Concen: 46.096 ng

RT: 13.49 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

ClientSampleId :

OK-01-082118MS

Tot Ion:154 Resp: 1647658

Ion Ratio Lower Upper

154 100

153 41.2 20.7 60.7

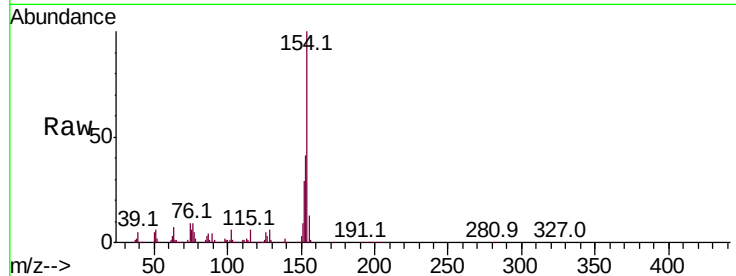
76 9.3 0.0 30.9

Manual Integrations

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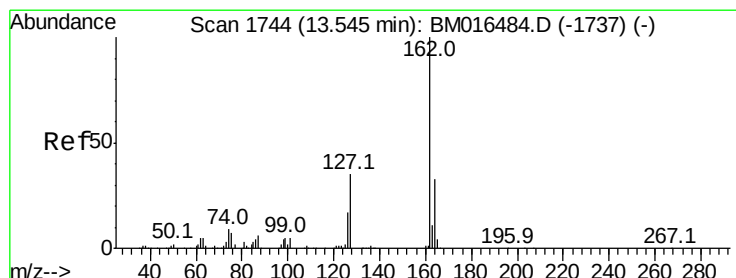
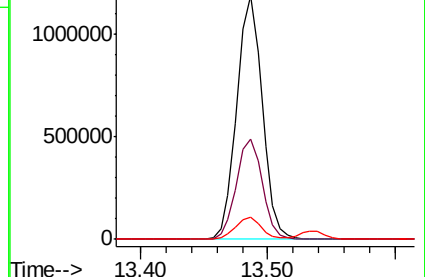
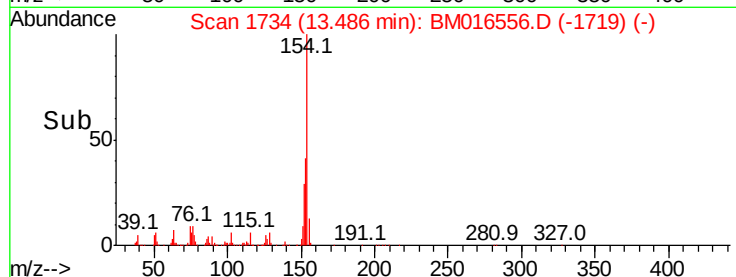
8/23/2018 6:39:30 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 47.082 ng

RT: 13.54 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

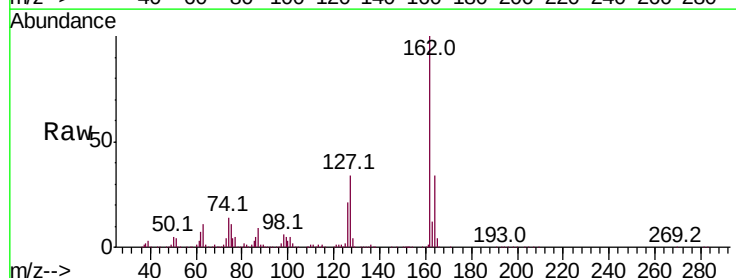
Tgt Ion:162 Resp: 1367245

Ion Ratio Lower Upper

162 100

127 33.7 26.9 40.3

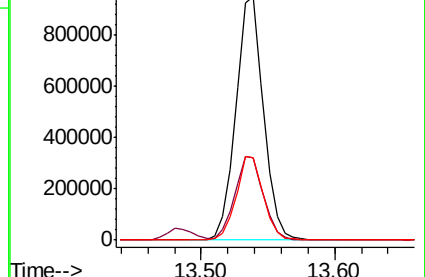
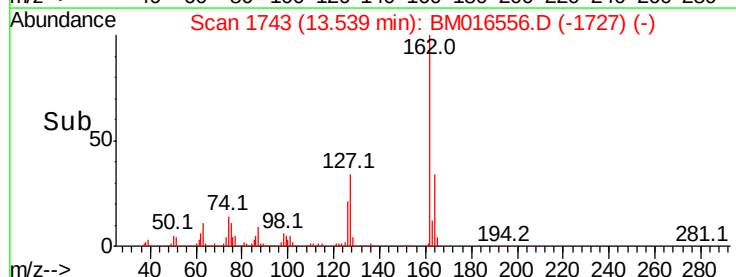
164 33.7 26.8 40.2

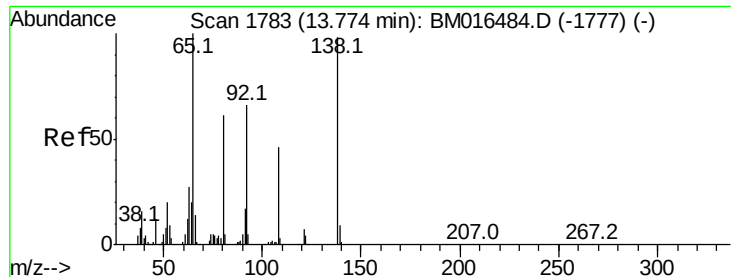


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.642 ng

RT: 13.77 min Scan# 1782

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

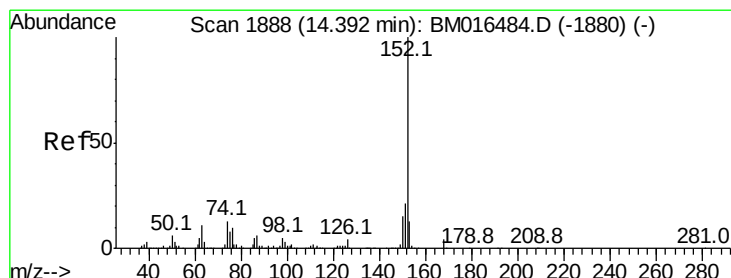
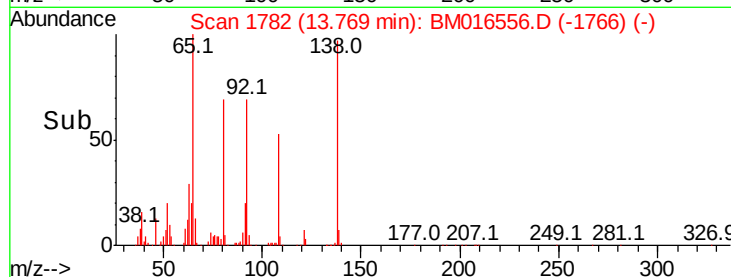
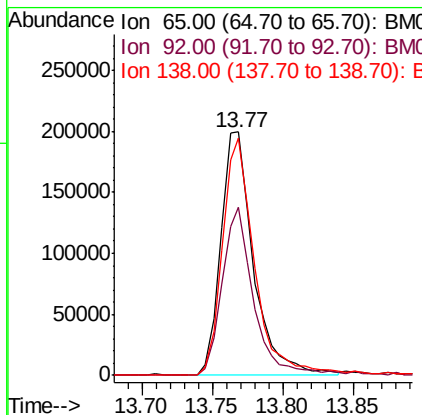
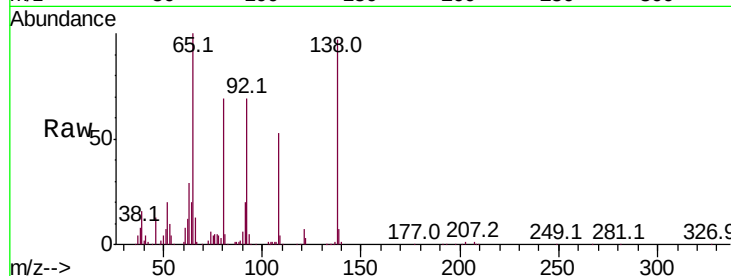
ClientSampleId :

OK-01-082118MS

Tot Ion:	65	Resp:	322100
Ion Ratio	Lower	Upper	
65	100		
92	69.2	59.1	88.7
138	97.2	93.9	140.9

Manual Integrations
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#48

Acenaphthylene

Concen: 49.941 ng

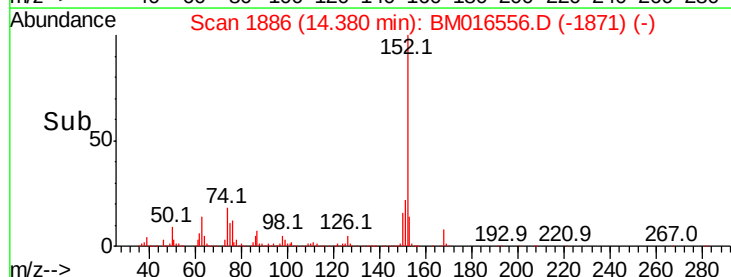
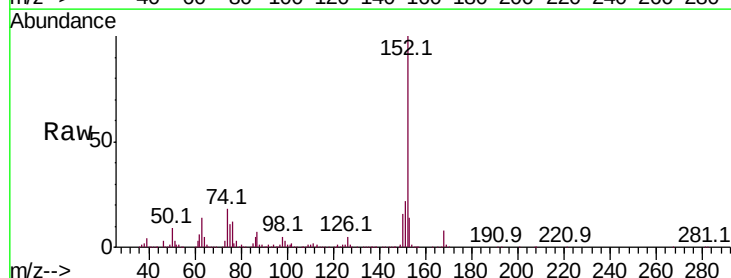
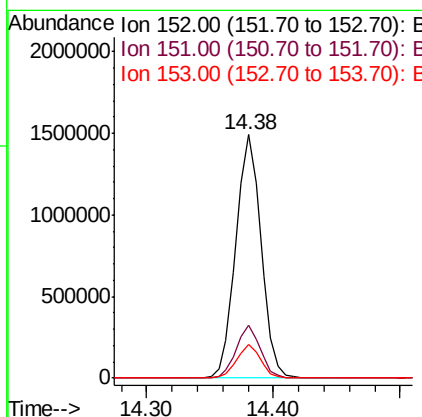
RT: 14.38 min Scan# 1886

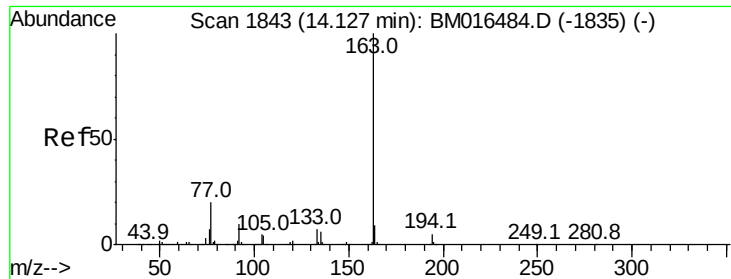
Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt Ion:	152	Resp:	2047174
Ion Ratio	Lower	Upper	
152	100		
151	21.9	15.9	23.9
153	13.6	10.6	16.0





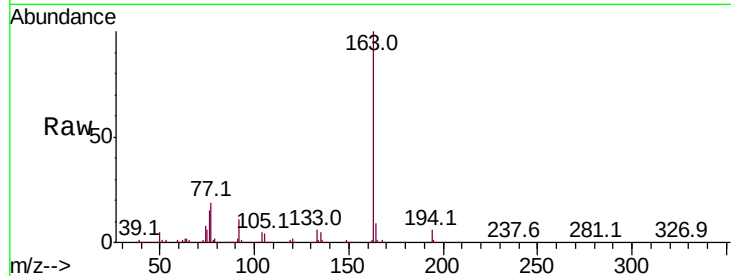
#49
Dimethylphthalate
Concen: 49.968 ng
RT: 14.12 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.1	2.7	4.1#
164	9.4	8.2	12.2

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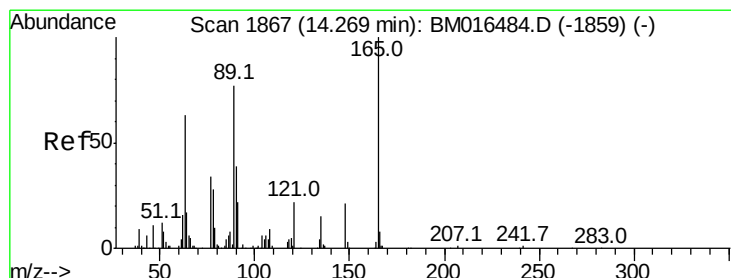
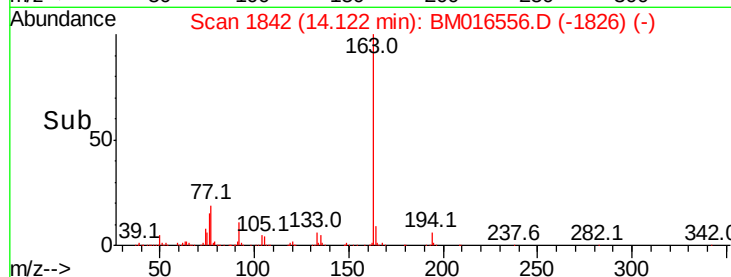
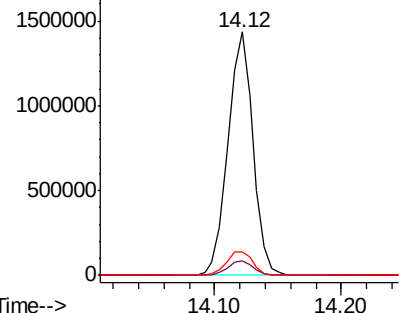


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 49.551 ng
RT: 14.26 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

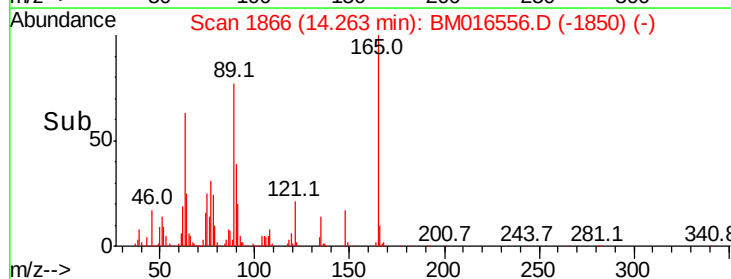
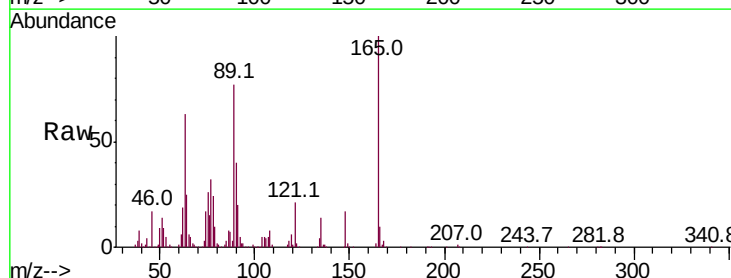
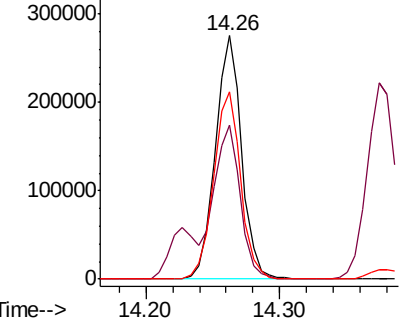
Tgt Ion	Ratio	Lower	Upper
165	100		
63	63.5	44.1	66.1
89	77.1	44.3	66.5#

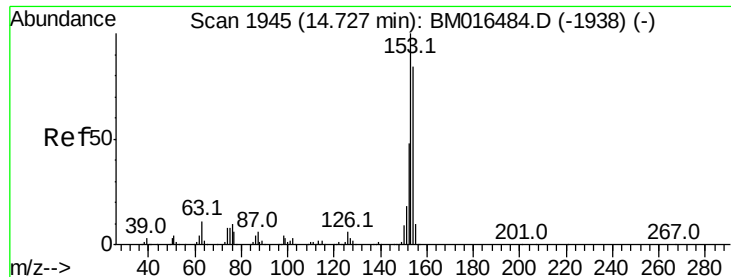
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BMC

Ion 89.00 (88.70 to 89.70): BMC





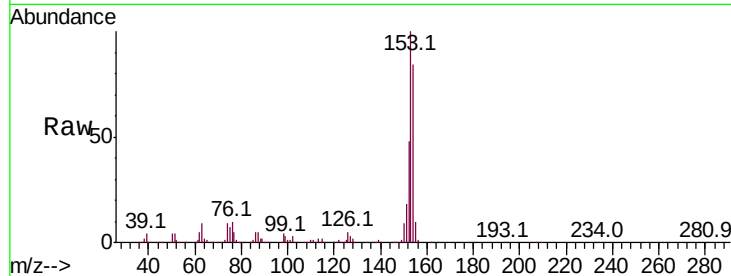
#51
Acenaphthene
Concen: 48.324 ng
RT: 14.72 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	119.7	90.0	135.0
152	57.8	42.6	63.8

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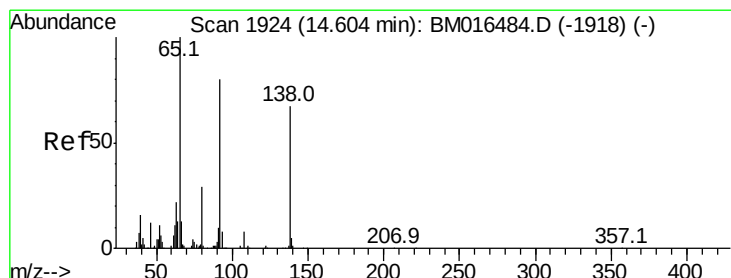
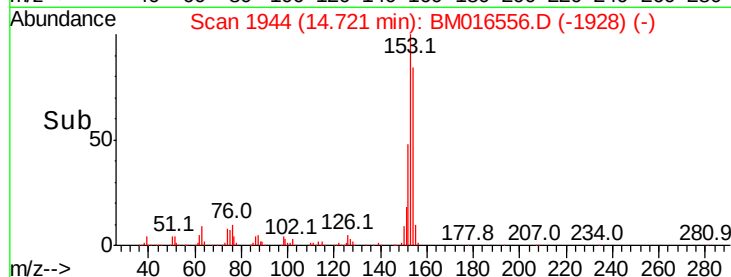
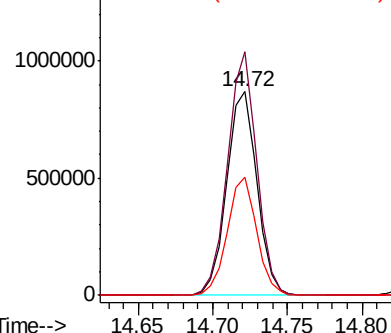


Abundance

Ion 154.00 (153.70 to 154.70): E

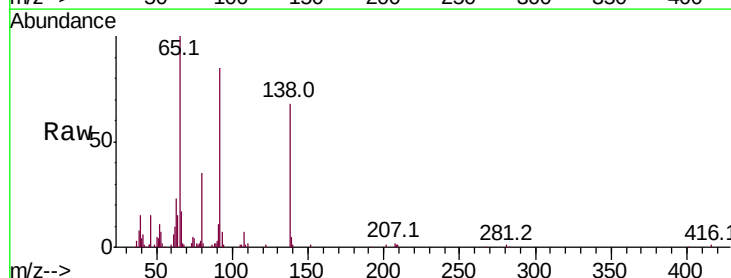
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52
3-Nitroaniline
Concen: 15.266 ng
RT: 14.60 min Scan# 1924
Delta R.T. 0.00 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.3	10.9
92	123.8	76.6	114.8#

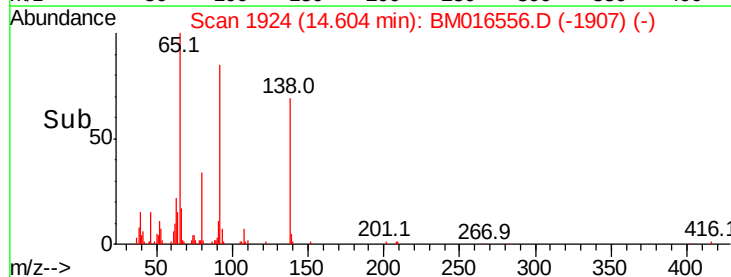
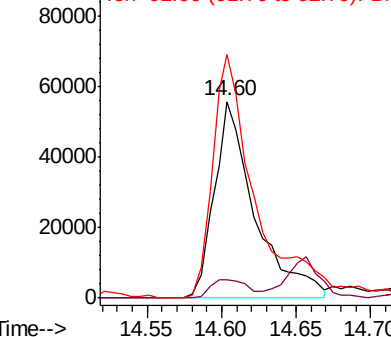


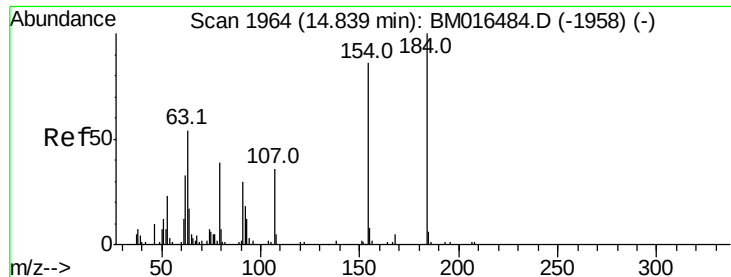
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





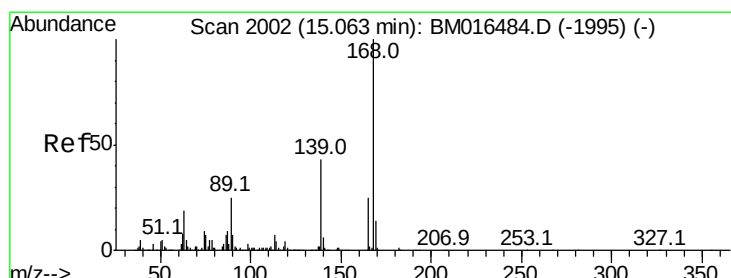
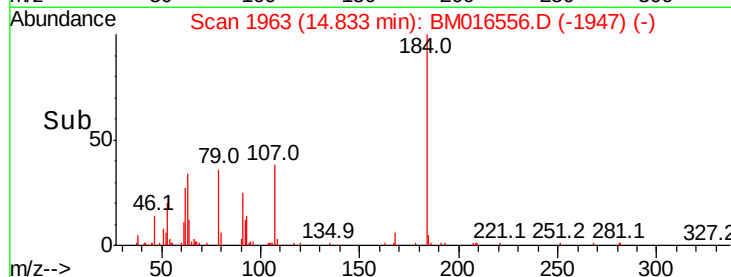
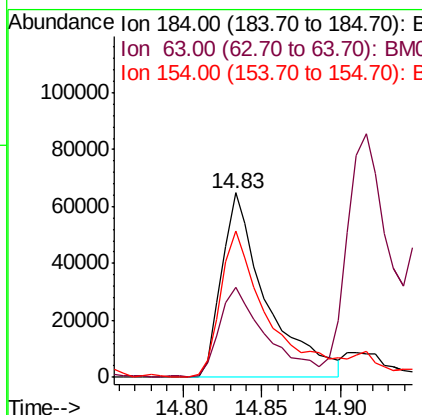
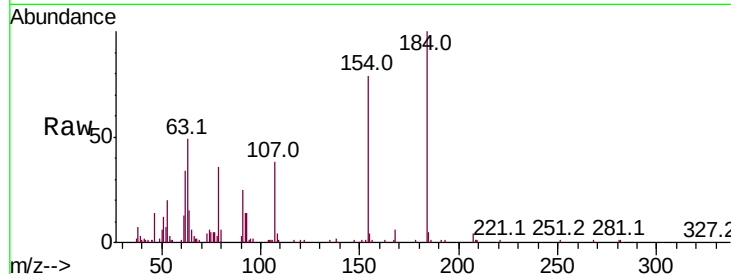
#53
2,4-Dinitrophenol
Concen: 33.206 ng
RT: 14.83 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	126940		
63	49.2	69.2	103.8#	
154	79.3	53.3	79.9	

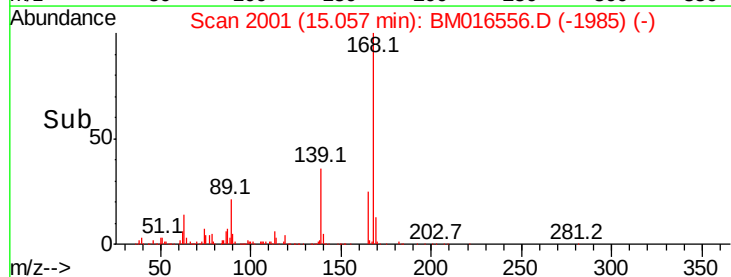
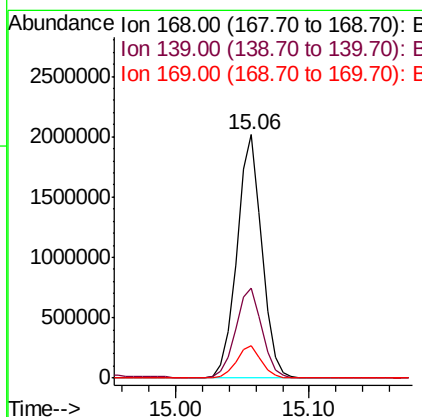
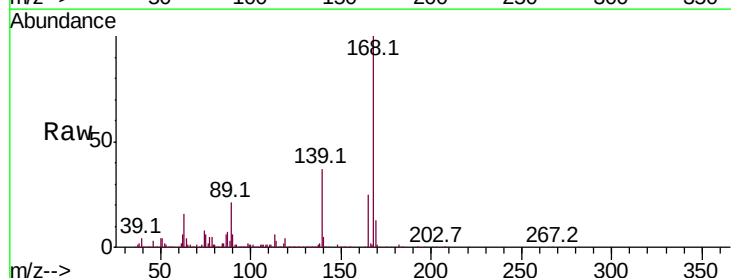
Manual Integrations
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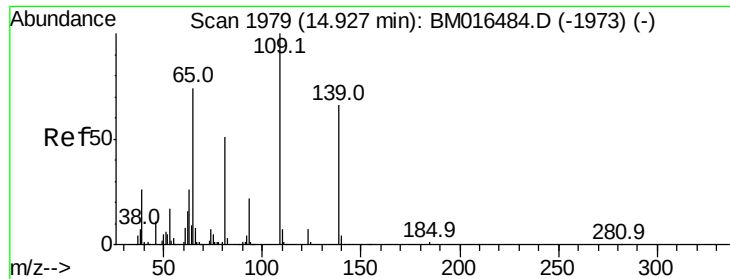
Sohil
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#54
Dibenzofuran
Concen: 54.008 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	2603664		
139	37.0	27.3	40.9	
169	13.1	10.6	16.0	





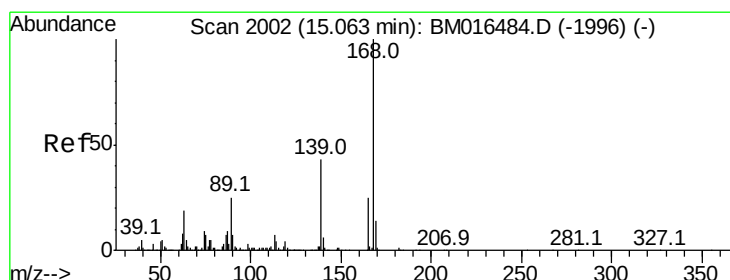
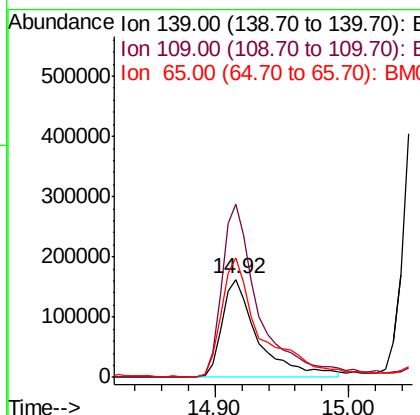
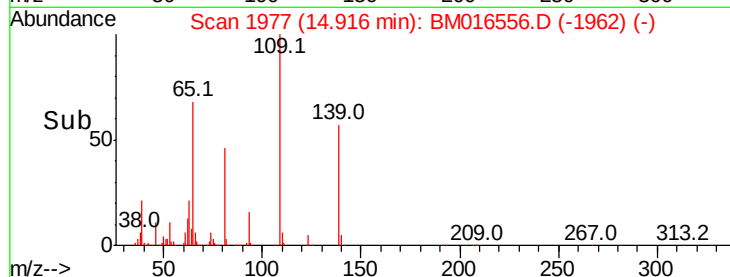
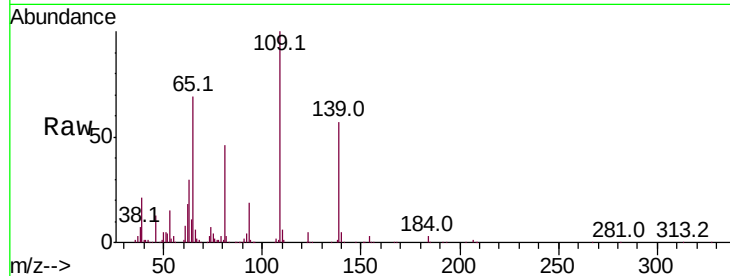
#55
4-Nitrophenol
Concen: 69.954 ng
RT: 14.92 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	176.0	130.0	170.0#	
65	121.7	130.0	170.0#	

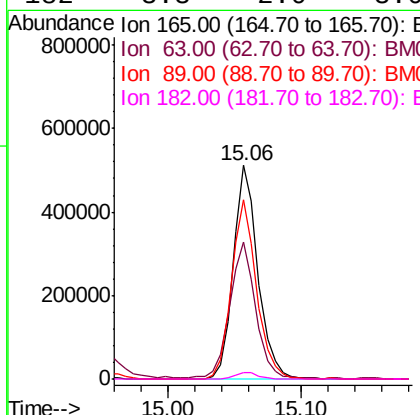
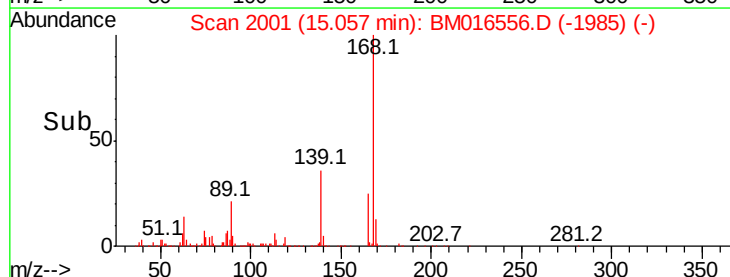
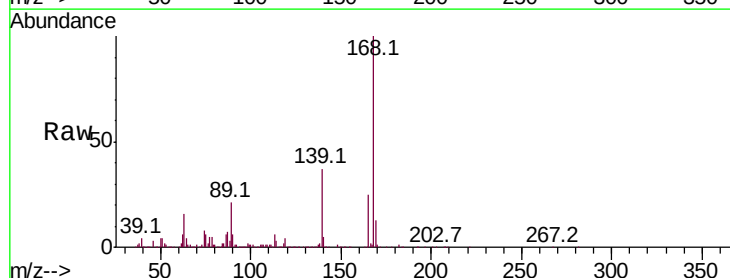
Manual Integrations
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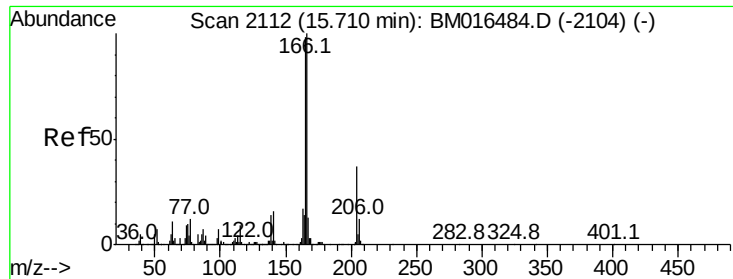
Sohil
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#56
2,4-Dinitrotoluene
Concen: 51.482 ng
RT: 15.06 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	64.0	52.4	78.6	
89	84.2	72.4	108.6	
182	3.3	2.0	3.0#	





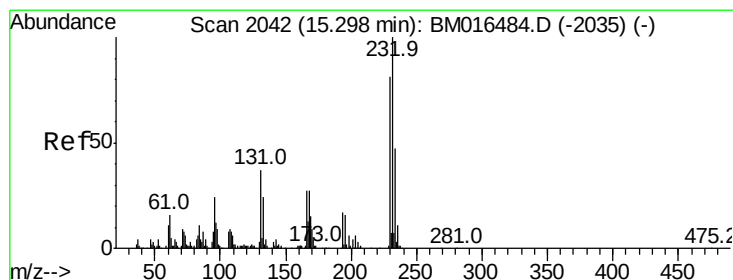
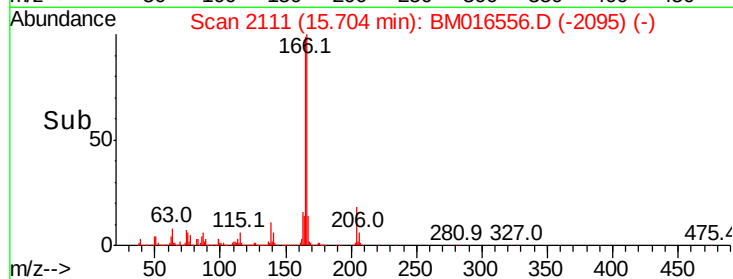
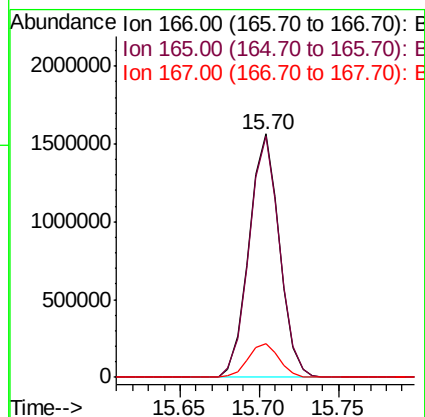
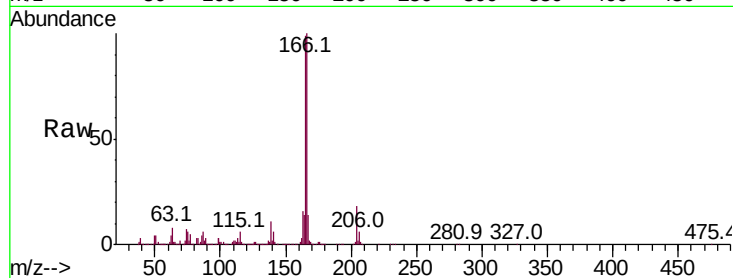
#57
 Fluorene
 Concen: 57.337 ng
 RT: 15.70 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	79.0	118.4
167	13.8	10.3	15.5

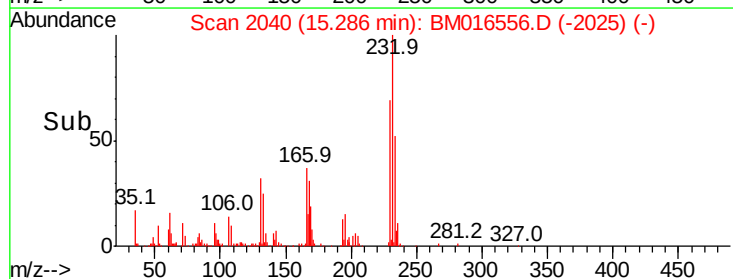
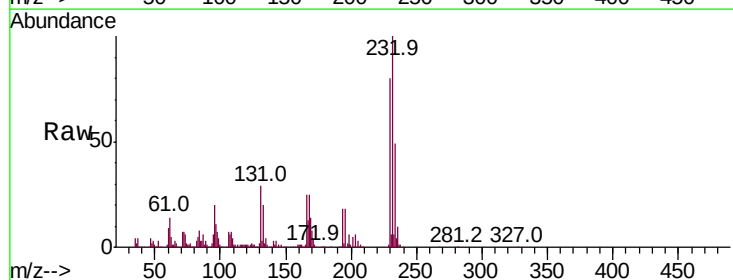
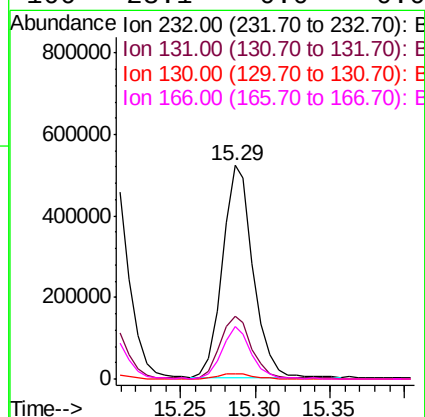
Manual Integrations
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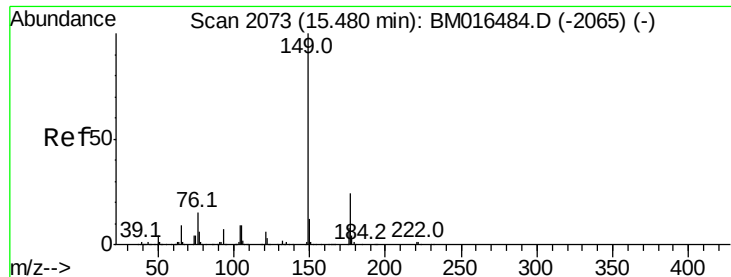
Sohil
 8/23/2018 6:39:30 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 57.581 ng
 RT: 15.29 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.5	0.0	0.0#
130	2.7	0.0	0.0#
166	23.1	0.0	0.0#





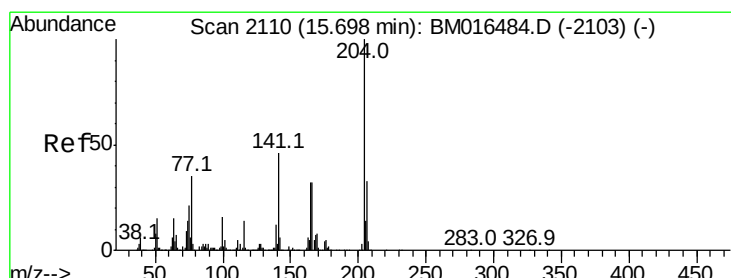
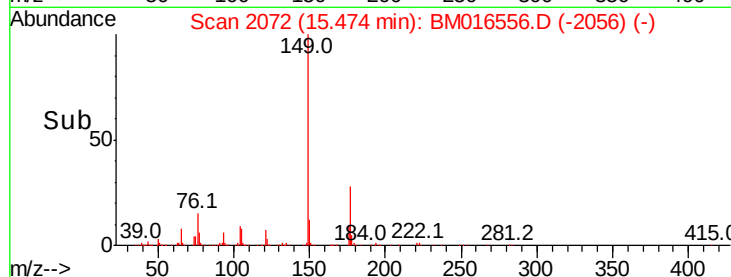
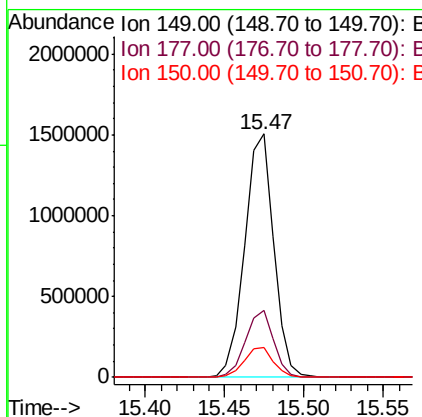
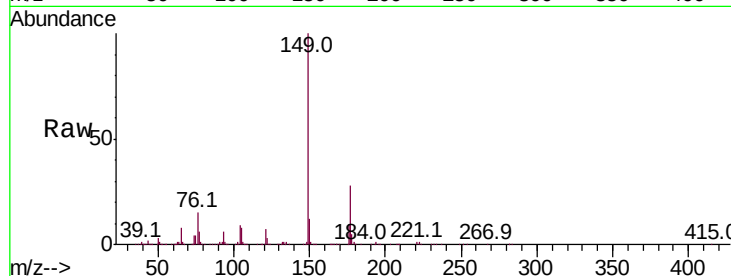
#59
Diethylphthalate
Concen: 46.919 ng
RT: 15.47 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	27.5	18.3	27.5#
150	12.2	9.8	14.8

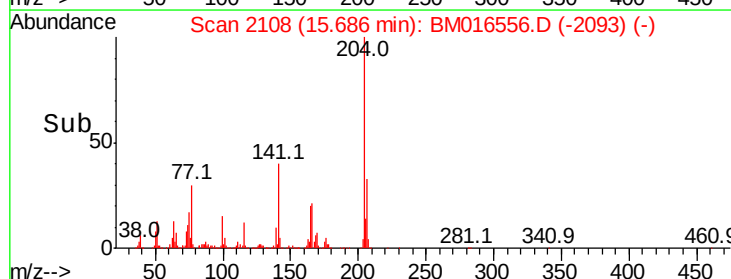
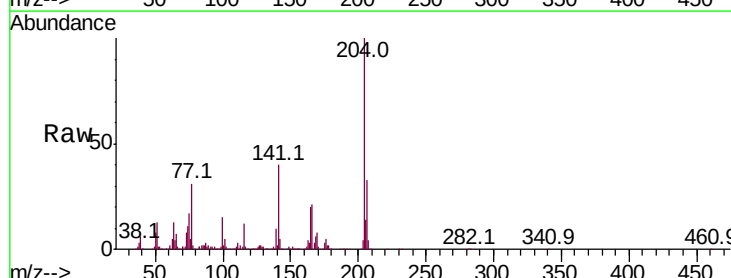
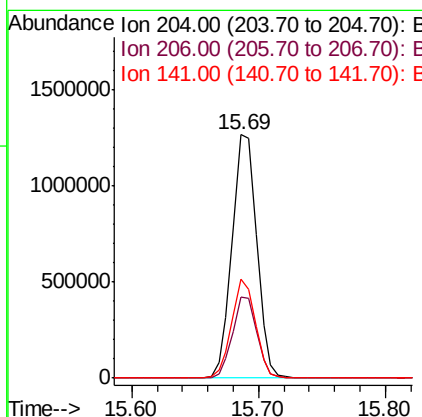
Manual Integrations
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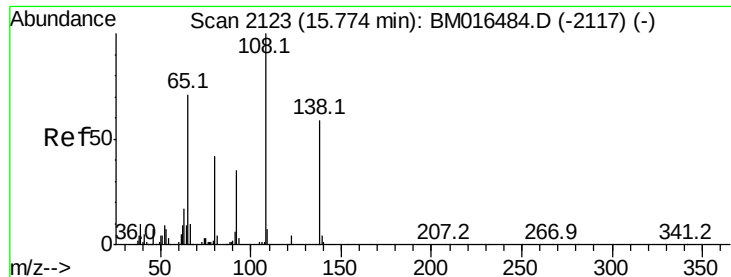
Sohil
8/23/2018 6:39:30 PM



#60
4-Chlorophenyl-phenylether
Concen: 55.636 ng
RT: 15.69 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	40.5	45.2	67.8#





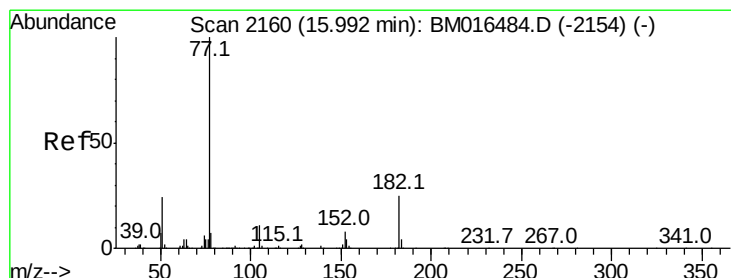
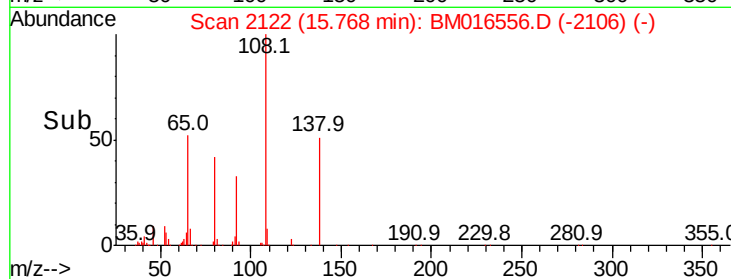
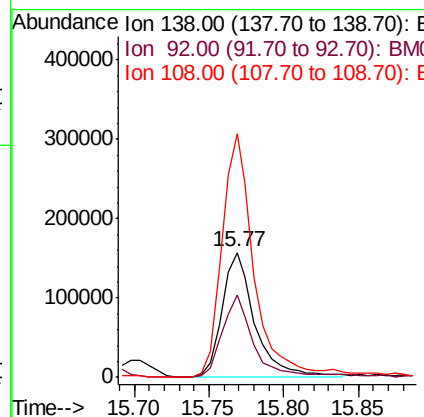
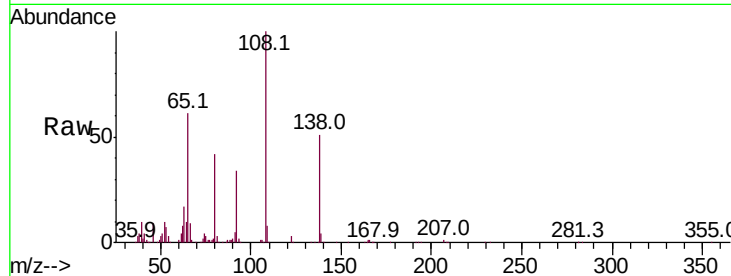
#61
4-Nitroaniline
Concen: 35.905 ng
RT: 15.77 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	66.4	16.7	56.7#
108	195.1	37.6	77.6#

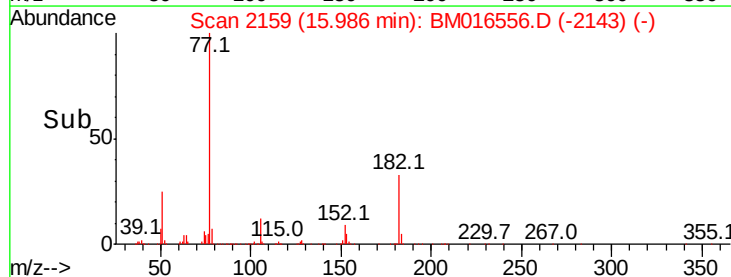
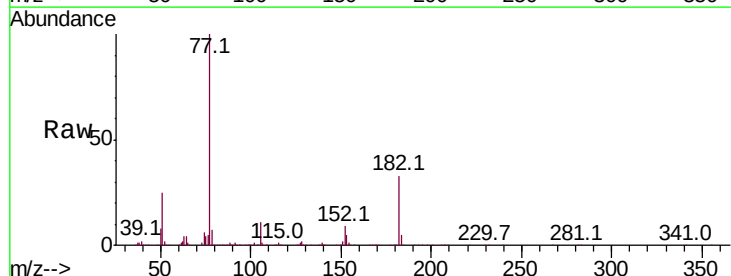
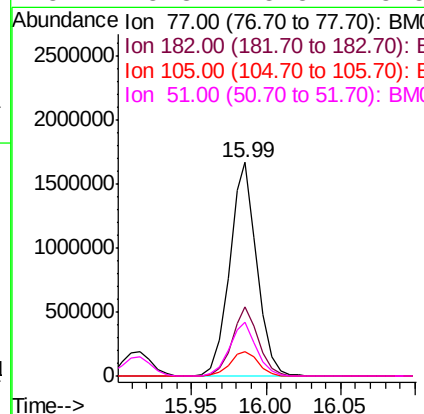
Manual Integrations
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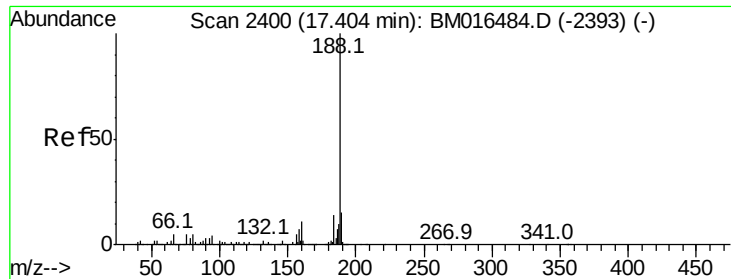
Sohil
8/23/2018 6:39:30 PM



#62
Azobenzene
Concen: 48.647 ng
RT: 15.99 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.5	6.5	46.5
105	11.5	3.8	43.8
51	25.3	5.5	45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

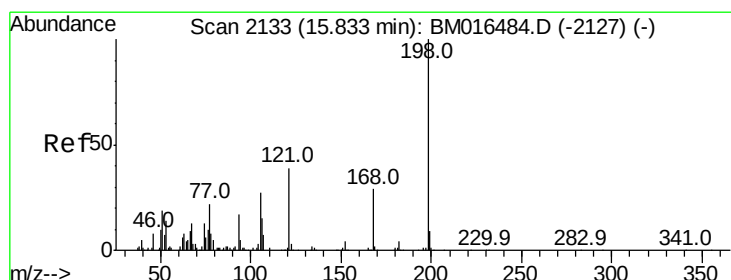
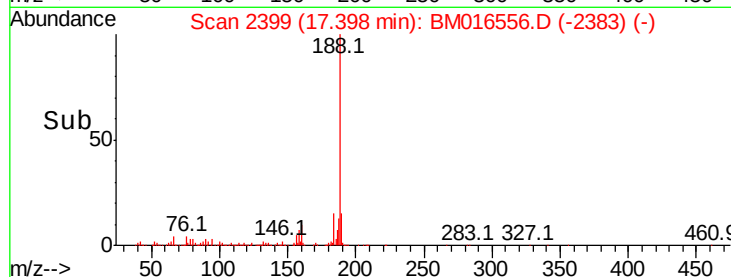
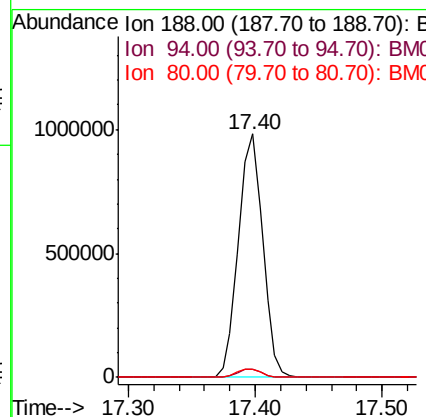
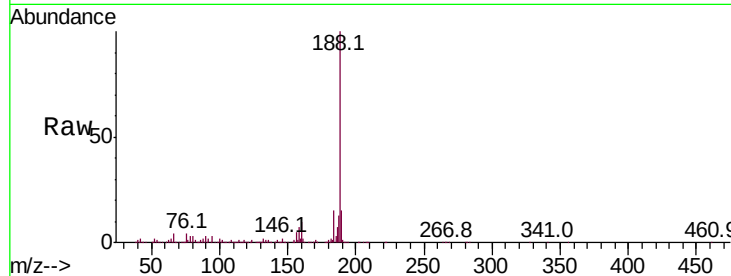
ClientSampleId :

OK-01-082118MS

Tot Ion:	188	Resp:	1305940
Ion	Ratio	Lower	Upper
188	100		
94	3.3	8.7	13.1#
80	3.4	9.3	13.9#

Manual Integrations
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Sohil
8/23/2018 6:39:30 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 22.278 ng

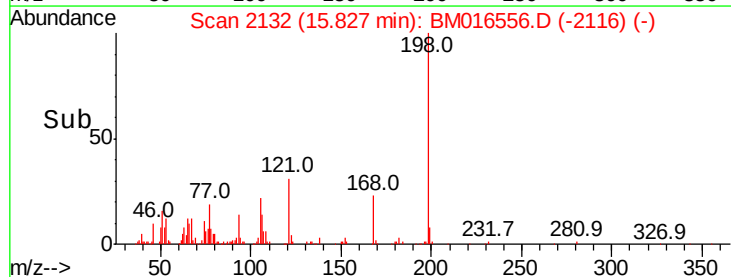
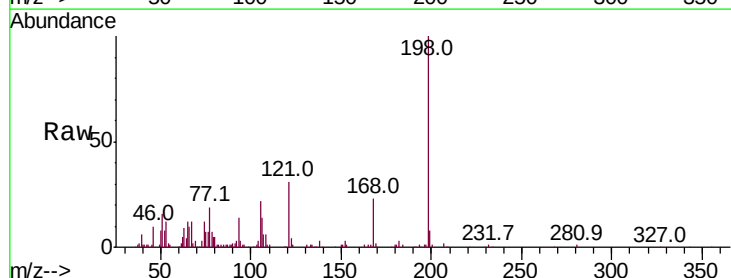
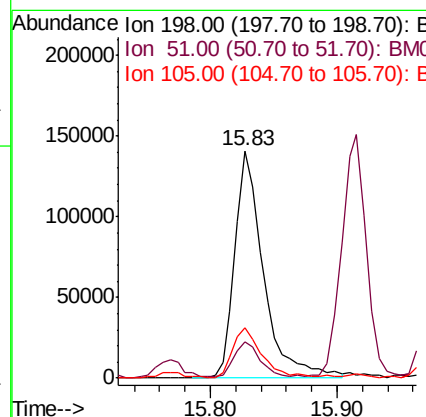
RT: 15.83 min Scan# 2132

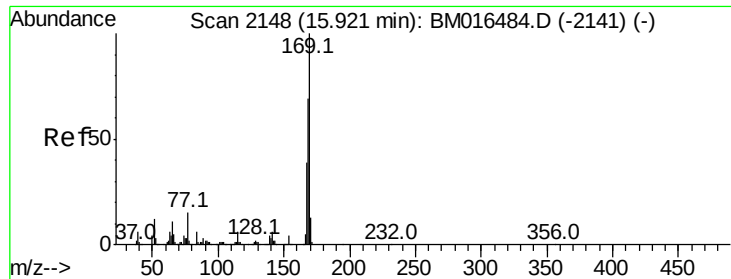
Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt Ion:	198	Resp:	221059
Ion	Ratio	Lower	Upper
198	100		
51	15.9	28.8	68.8#
105	22.0	30.5	70.5#





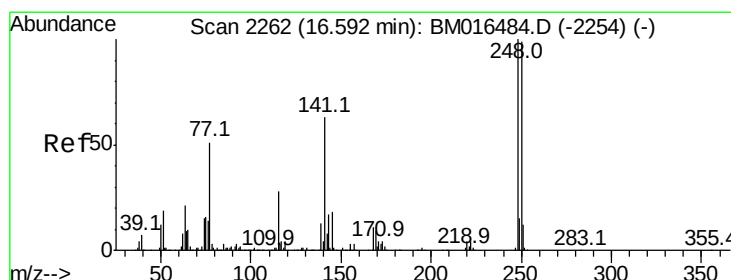
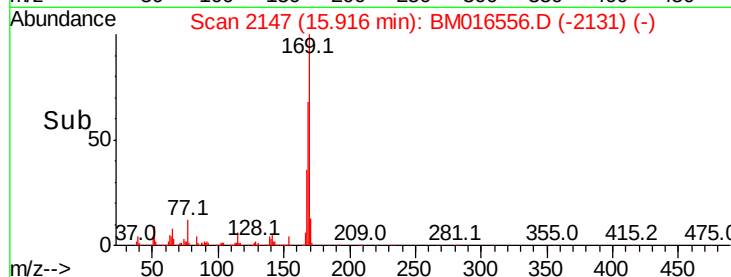
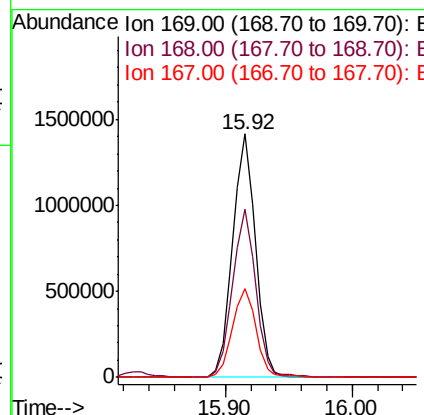
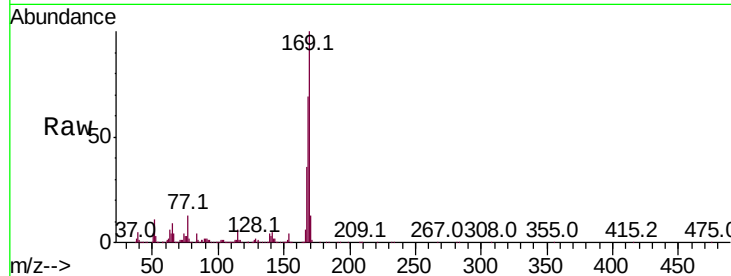
#65
n-Nitrosodiphenylamine
Concen: 47.777 ng
RT: 15.92 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	69.3	53.9	80.9
167	36.4	28.9	43.3

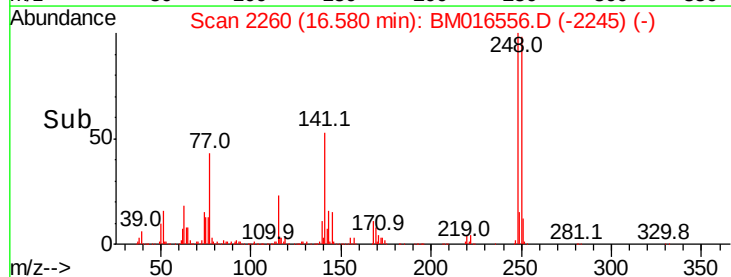
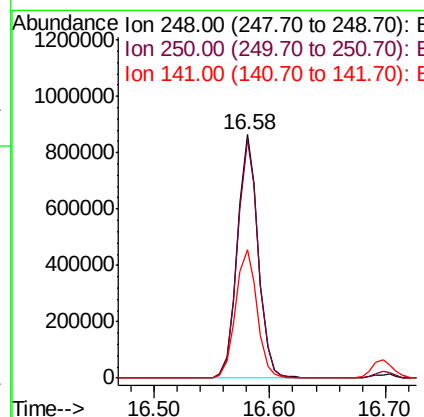
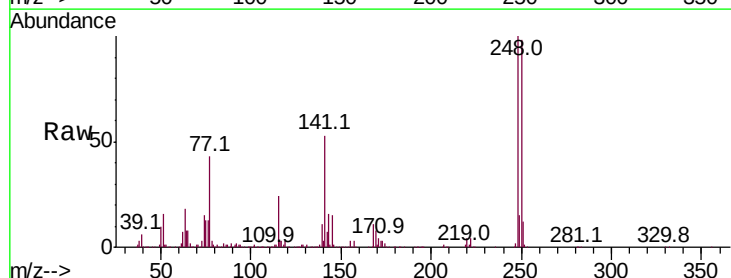
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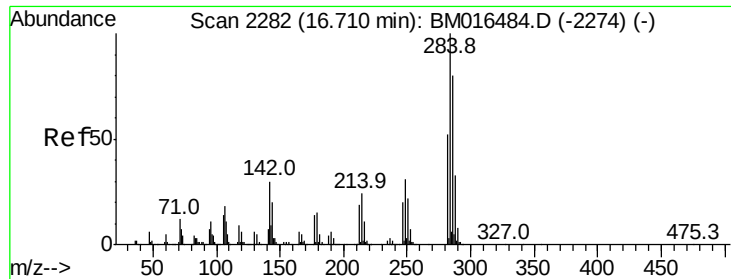
Sohil
8/23/2018 6:39:30 PM



#66
4-Bromophenyl-phenylether
Concen: 53.256 ng
RT: 16.58 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.1	77.4	116.0
141	52.9	45.2	67.8





#67

Hexachlorobenzene

Concen: 51.480 ng

RT: 16.70 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

ClientSampleId :

OK-01-082118MS

Tot Ion:284 Resp: 1204688

Ion Ratio Lower Upper

284 100

142 28.4 20.4 30.6

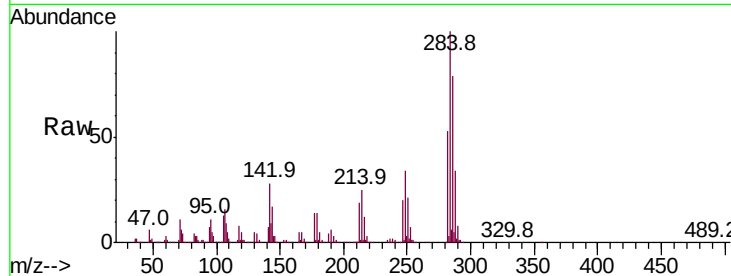
249 33.9 23.8 35.6

Manual Integrations

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Sohil

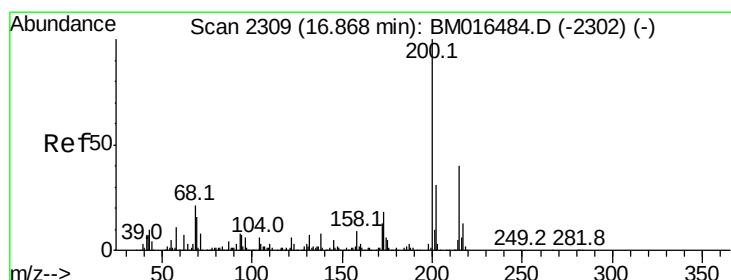
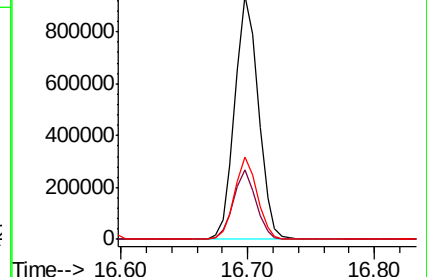
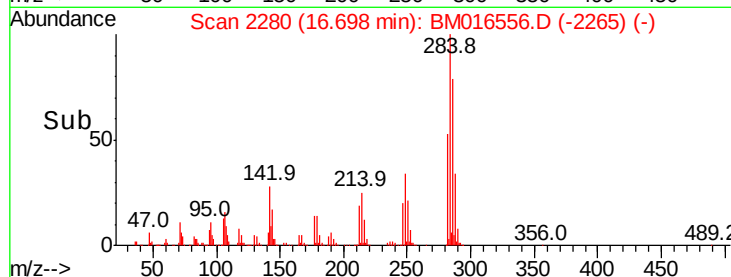
8/23/2018 6:39:30 PM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 59.638 ng

RT: 16.86 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

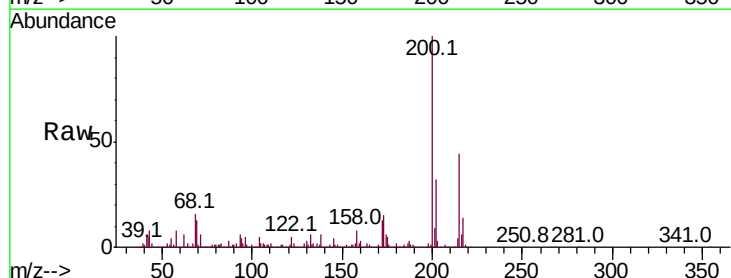
Tgt Ion:200 Resp: 999924

Ion Ratio Lower Upper

200 100

173 15.3 4.8 44.8

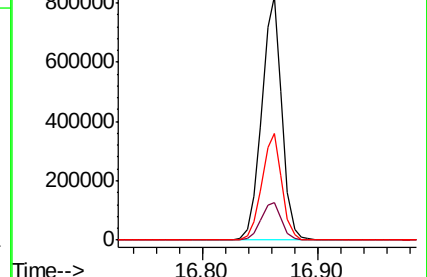
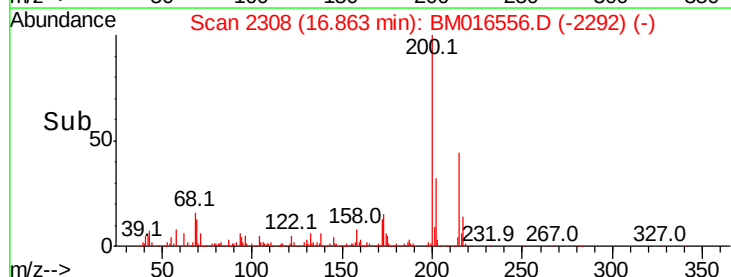
215 43.6 26.9 66.9

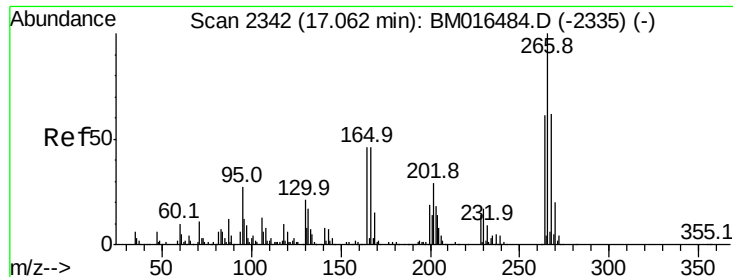


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





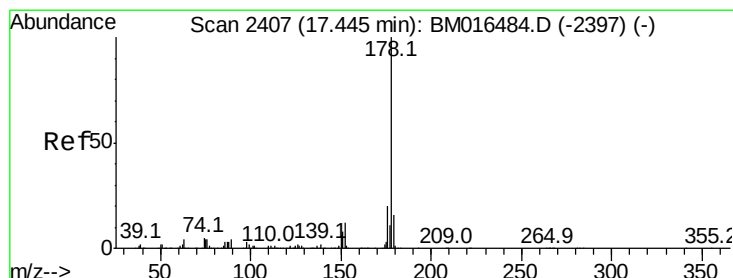
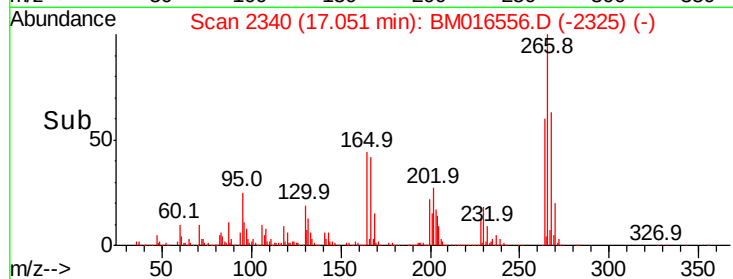
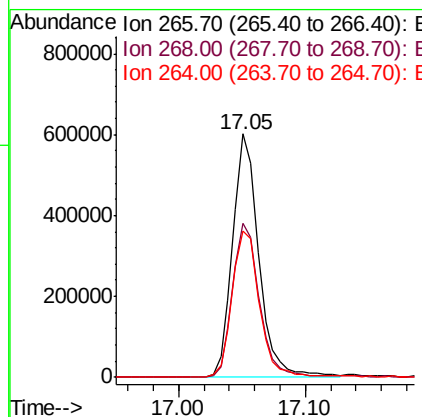
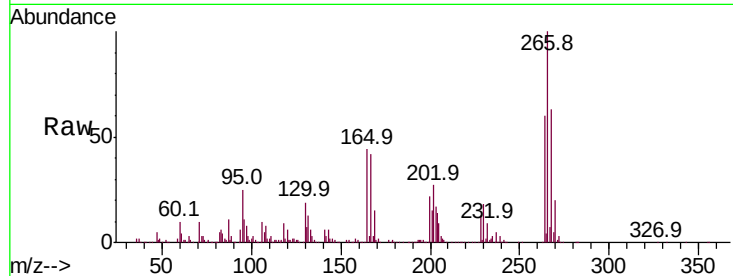
#69
 Pentachlorophenol
 Concen: 69.590 ng
 RT: 17.05 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.0	78.0
264	60.0	49.0	73.4

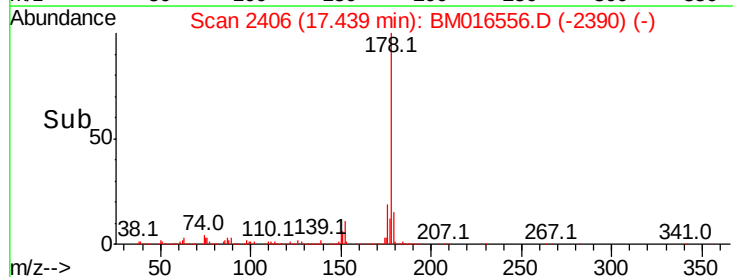
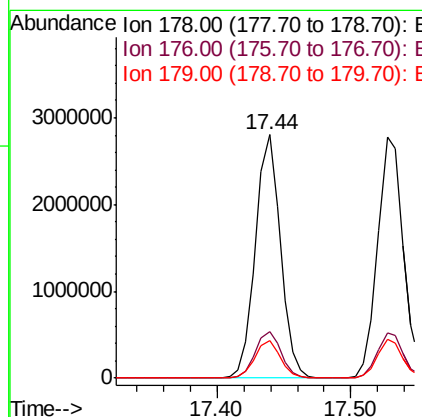
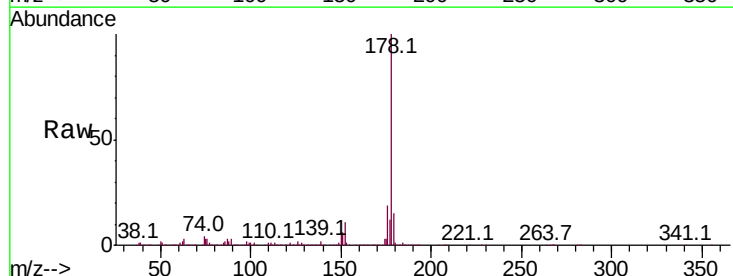
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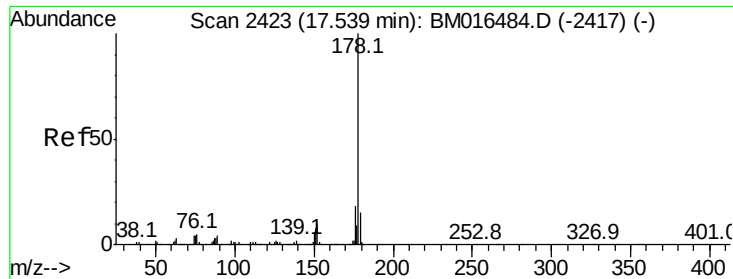
Sohil
 8/23/2018 6:39:30 PM



#70
 Phenanthrene
 Concen: 53.530 ng
 RT: 17.44 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.2	22.8
179	15.5	12.1	18.1





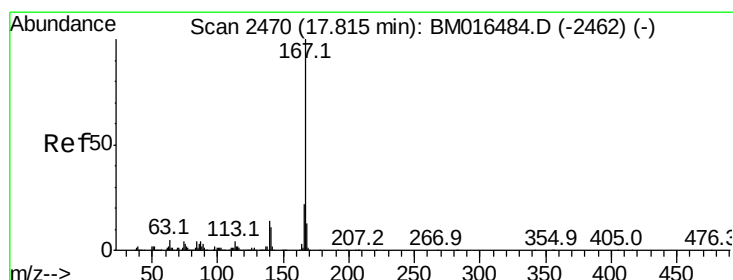
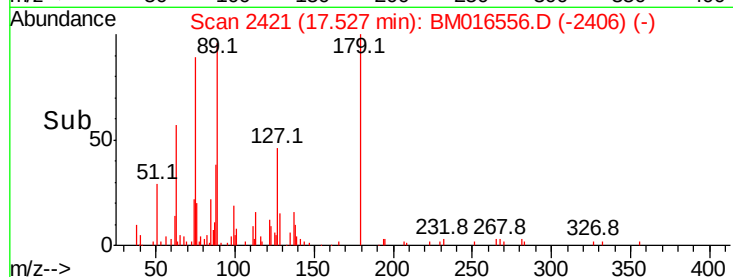
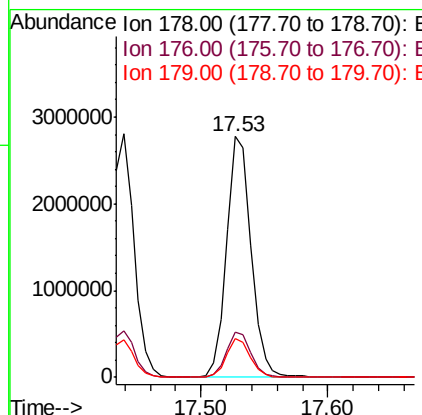
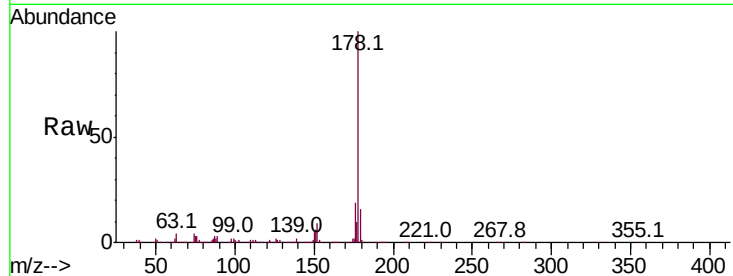
#71
 Anthracene
 Concen: 55.130 ng
 RT: 17.53 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	16.4	12.6	19.0

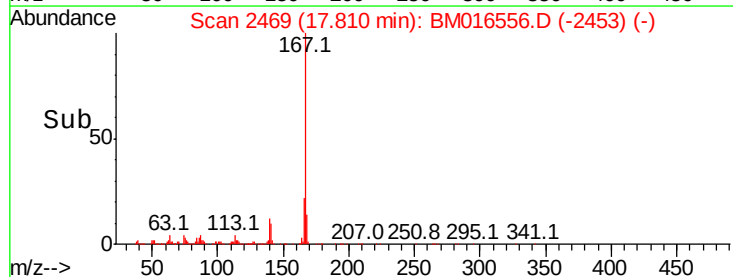
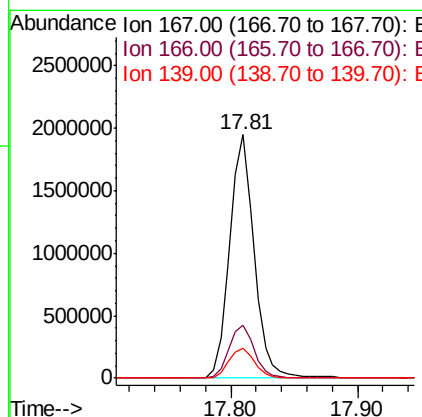
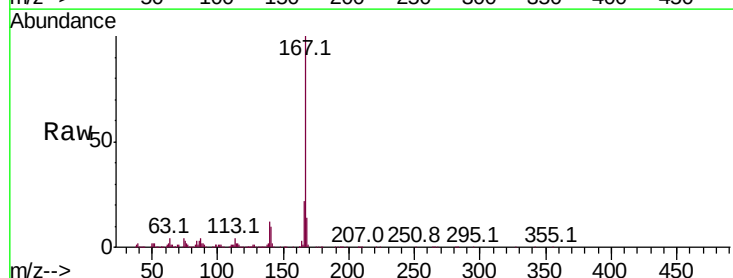
Manual Integrations
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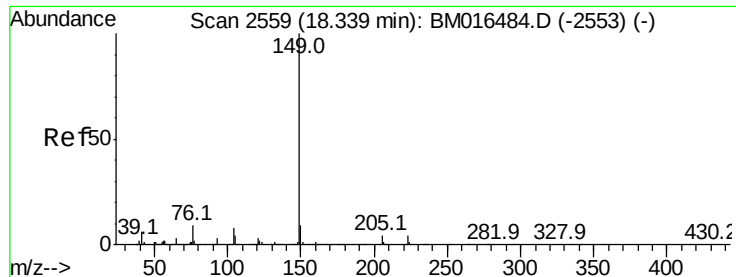
Sohil
 8/23/2018 6:39:30 PM



#72
 Carbazole
 Concen: 43.047 ng
 RT: 17.81 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.2	25.8
139	12.3	10.8	16.2





#73

Di-n-butylphthalate

Concen: 43.965 ng

RT: 18.33 min Scan# 2558

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

ClientSampleId :

OK-01-082118MS

Tot Ion:149 Resp: 3228538

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

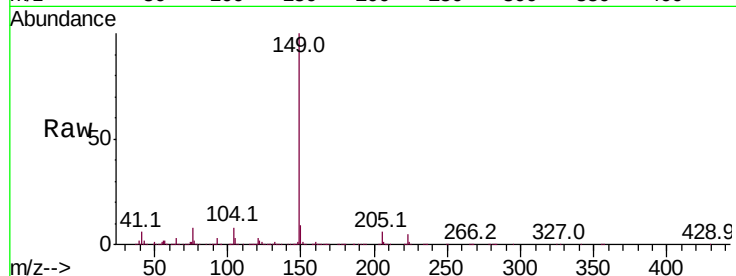
104 7.7 3.7 5.5#

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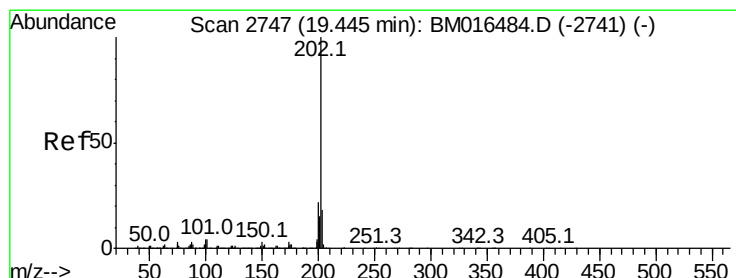
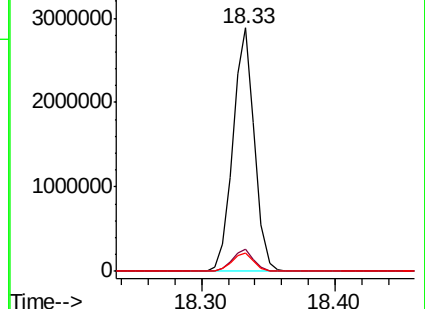
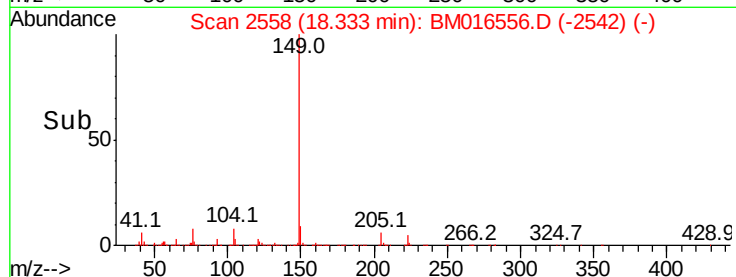
8/23/2018 6:39:30 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 52.092 ng

RT: 19.44 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

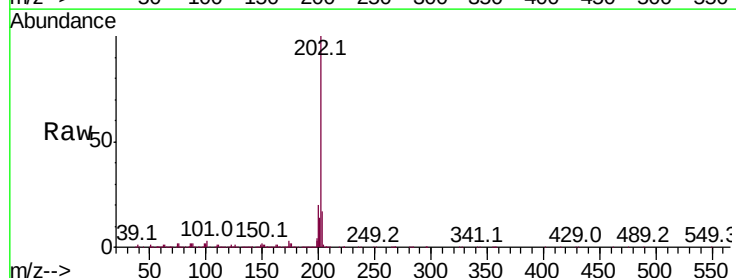
Tgt Ion:202 Resp: 5155459

Ion Ratio Lower Upper

202 100

101 2.7 0.0 28.7

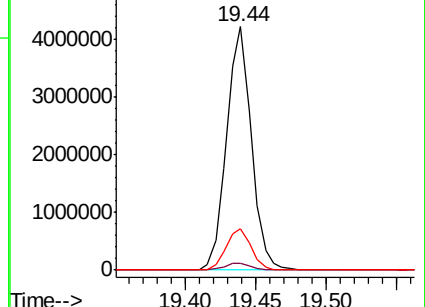
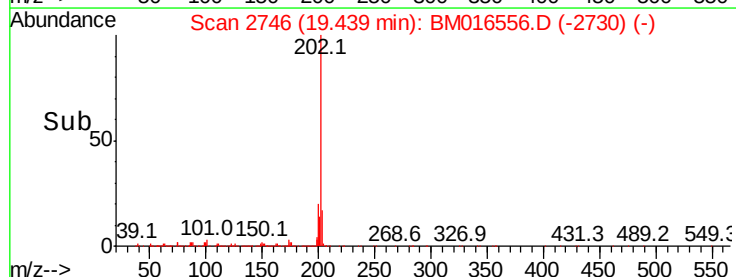
203 17.1 0.0 37.2

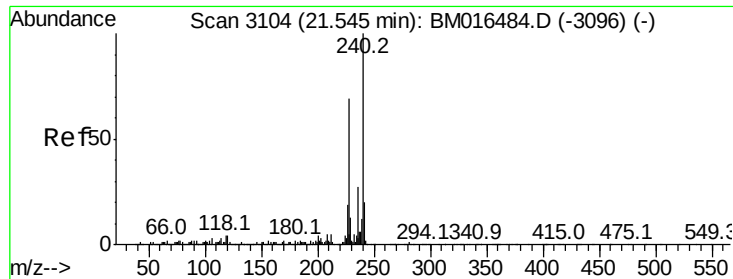


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

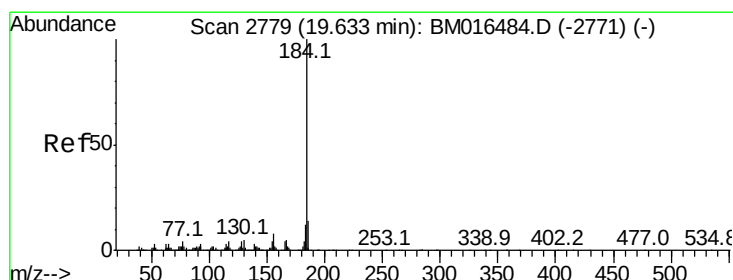
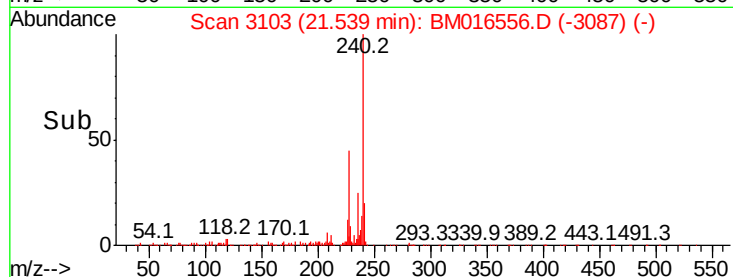
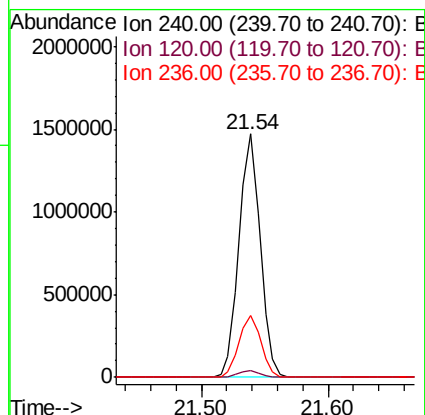
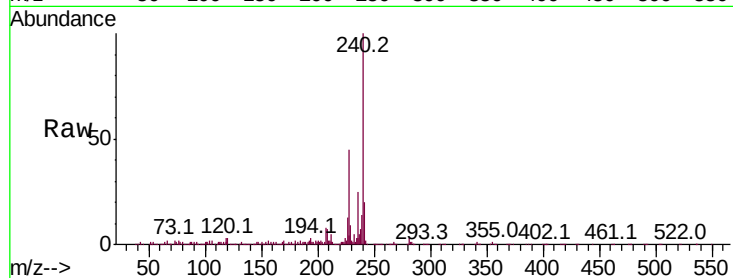
ClientSampleId :

OK-01-082118MS

Tot Ion:	240	Resp:	1698538
Ion Ratio	Lower	Upper	
240	100		
120	2.7	8.2	12.2#
236	25.2	20.0	30.0

Manual Integrations
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8/23/2018 6:39:30 PM



#76

Benzidine

Concen: 55.766 ng

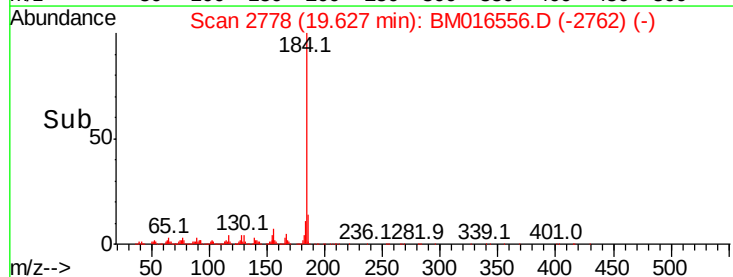
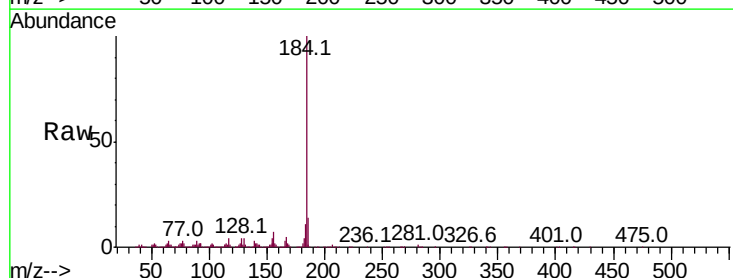
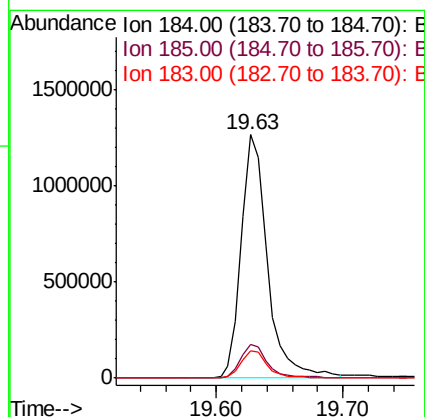
RT: 19.63 min Scan# 2778

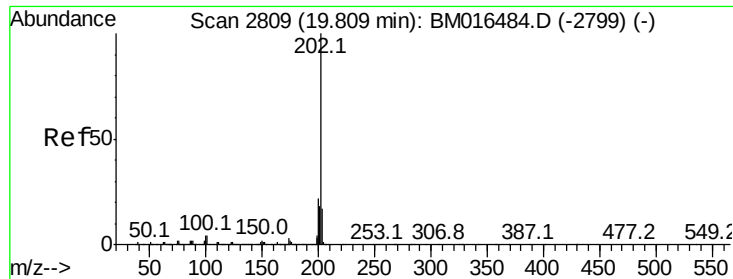
Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt Ion:	184	Resp:	1821594
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.3	16.9
183	11.3	8.9	13.3





#77

Pvrene

Concen: 56.464 ng

RT: 19.80 min Scan# 2807

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

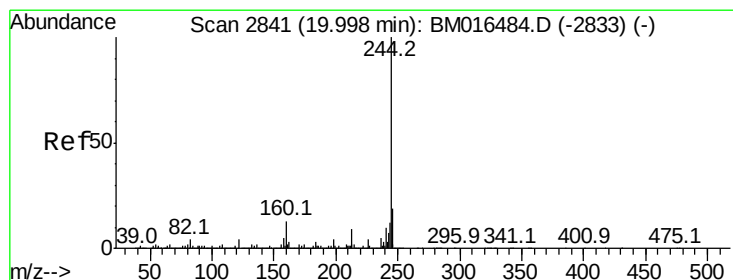
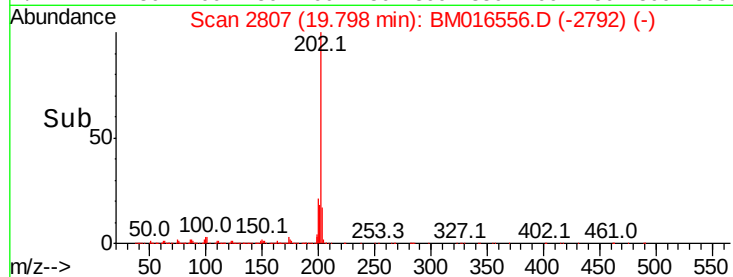
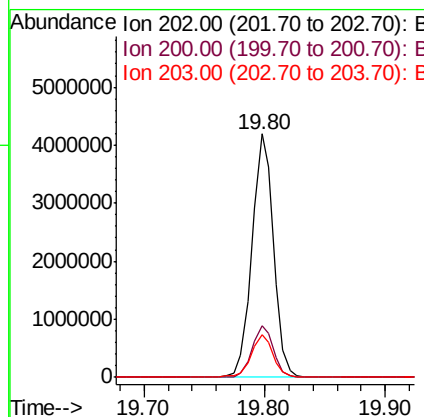
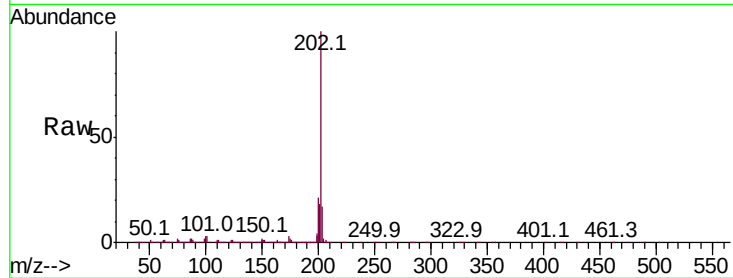
ClientSampleId :

OK-01-082118MS

Tot Ion:	202	Resp:	5212153
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.9	25.3
203	17.4	14.1	21.1

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#78

Terphenyl-d14

Concen: 134.464 ng

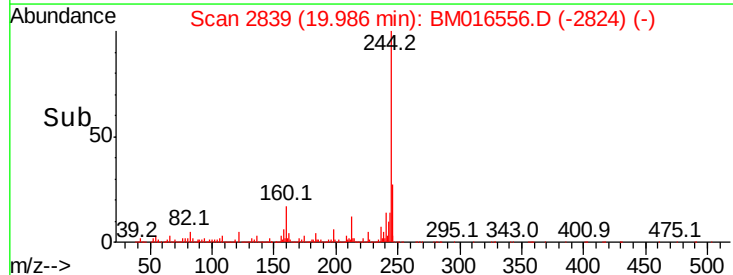
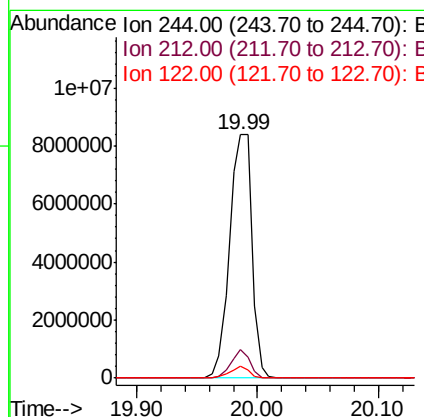
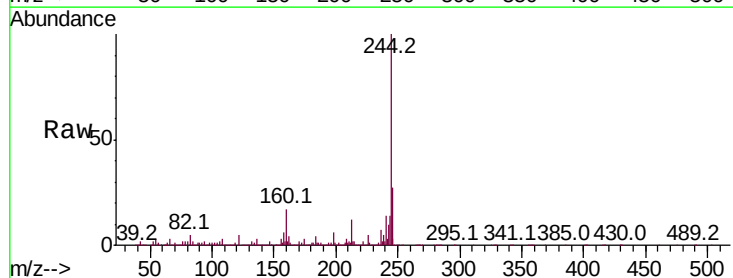
RT: 19.99 min Scan# 2839

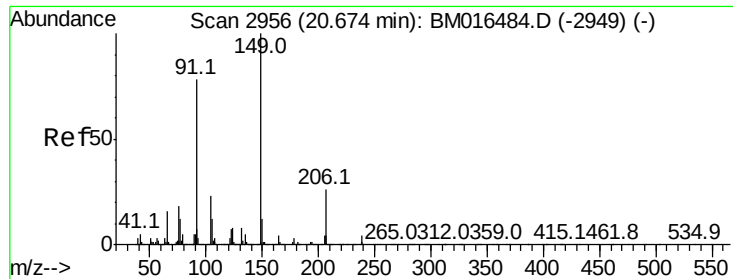
Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt Ion:	244	Resp:	10790661
Ion Ratio	Lower	Upper	
244	100		
212	11.9	4.9	7.3#
122	5.0	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 46.394 ng

RT: 20.66 min Scan# 2954

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

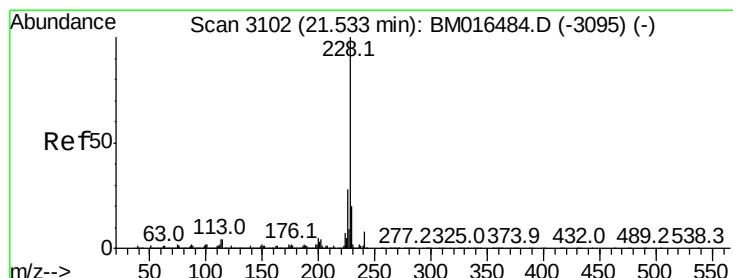
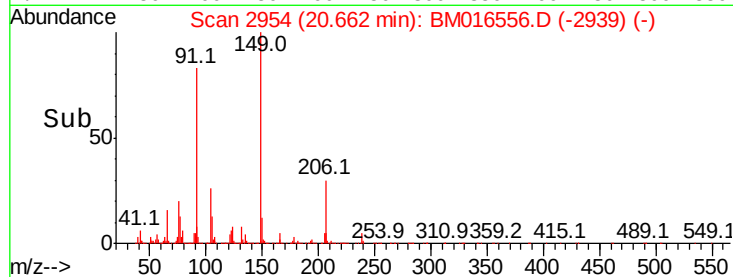
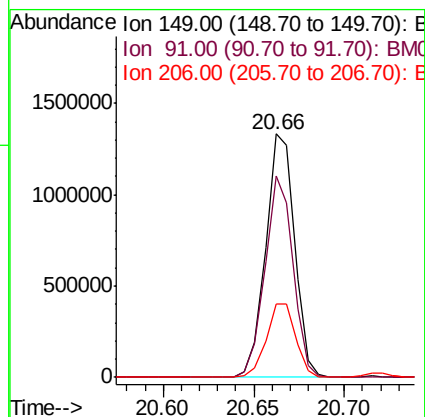
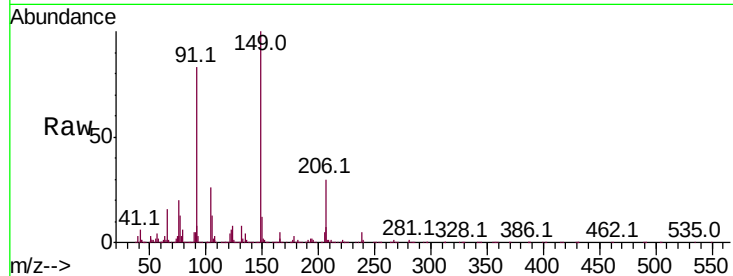
ClientSampleId :

OK-01-082118MS

Tot Ion:	149	Resp:	1478248
Ion Ratio	Lower	Upper	
149	100		
91	82.6	50.1	75.1#
206	30.1	16.2	24.2#

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#80

Benzo(a)anthracene

Concen: 53.432 ng

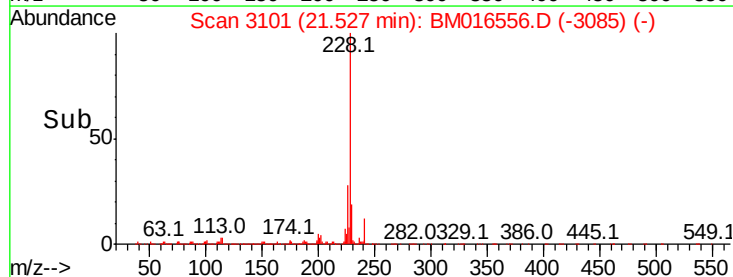
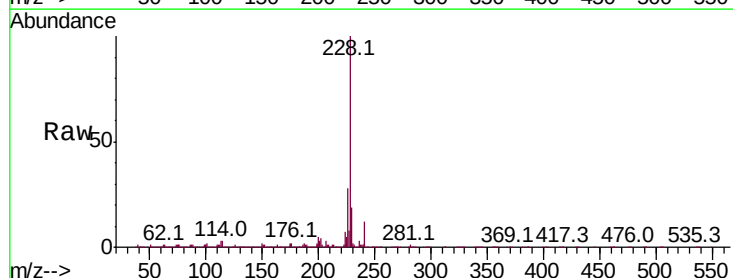
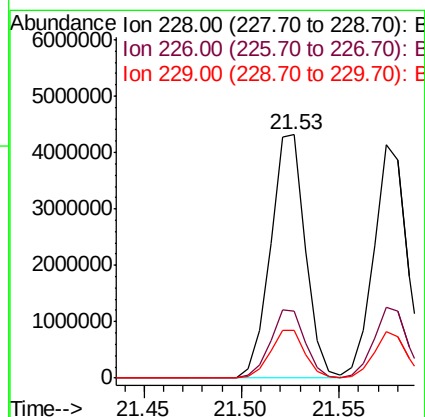
RT: 21.53 min Scan# 3101

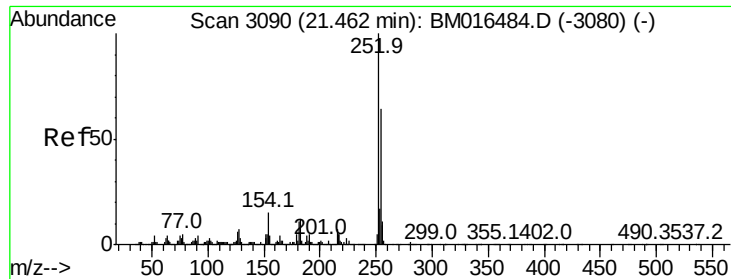
Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt Ion:	228	Resp:	5335694
Ion Ratio	Lower	Upper	
228	100		
226	27.6	21.7	32.5
229	19.4	16.0	24.0





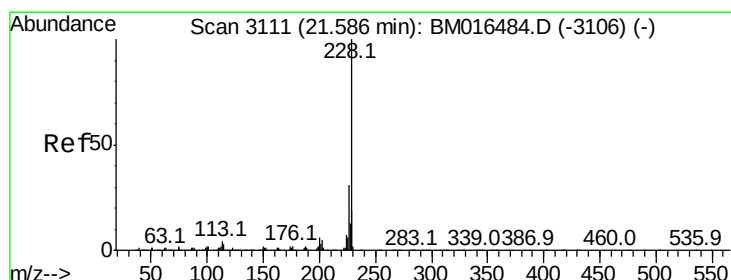
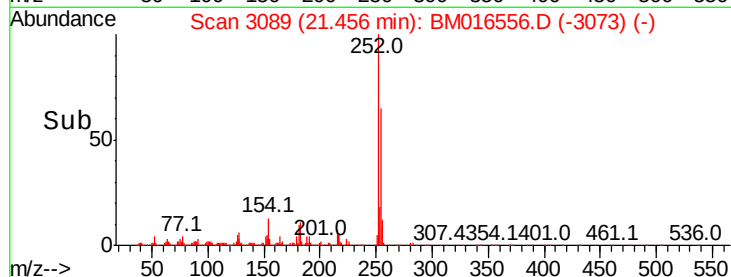
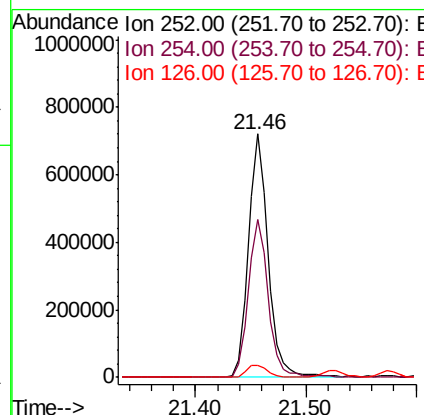
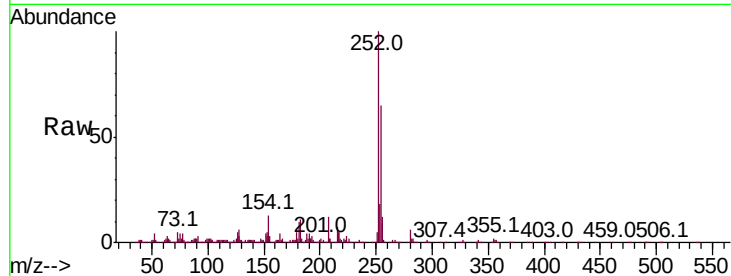
#81
 3,3'-Dichlorobenzidine
 Concen: 20.336 ng
 RT: 21.46 min Scan# 3089
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.8	51.9	77.9
126	4.8	9.8	14.8

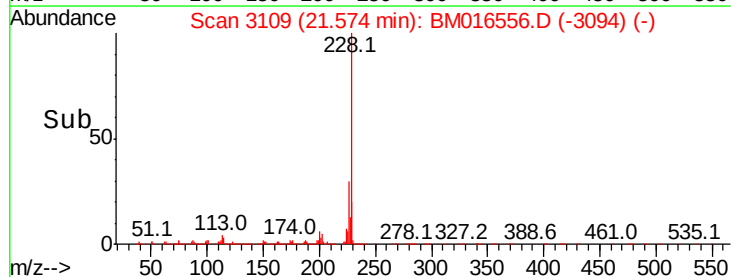
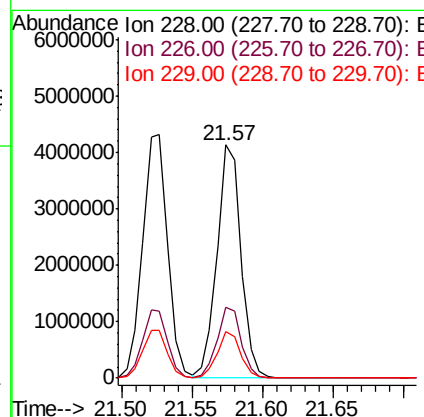
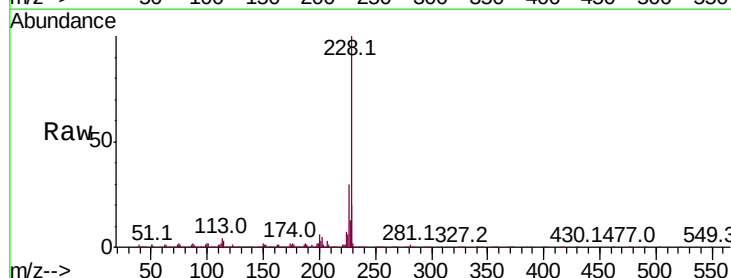
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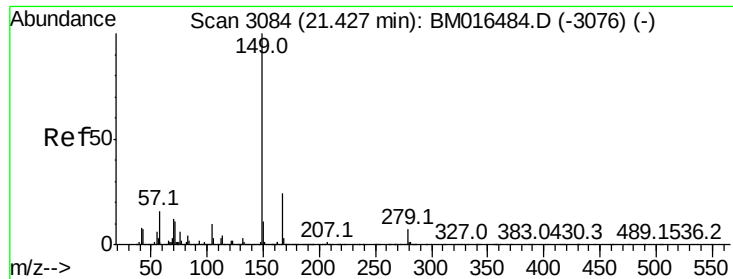
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#82
 Chrysene
 Concen: 51.352 ng
 RT: 21.57 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.4	24.1	36.1
229	19.9	15.5	23.3





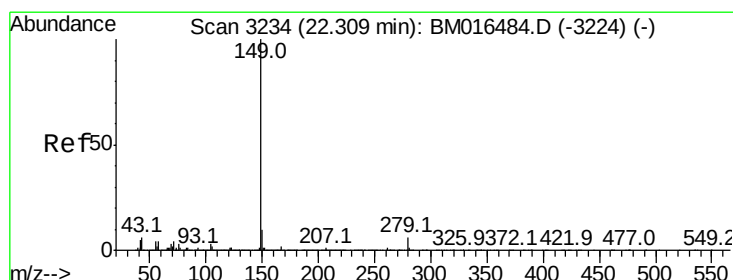
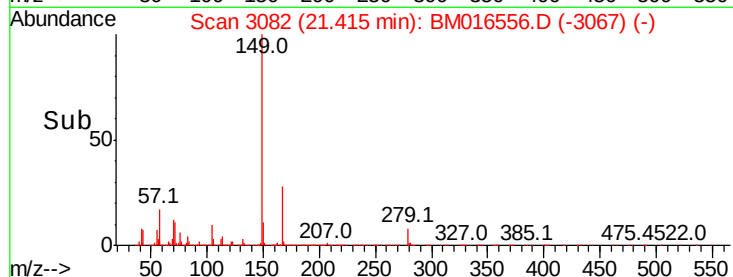
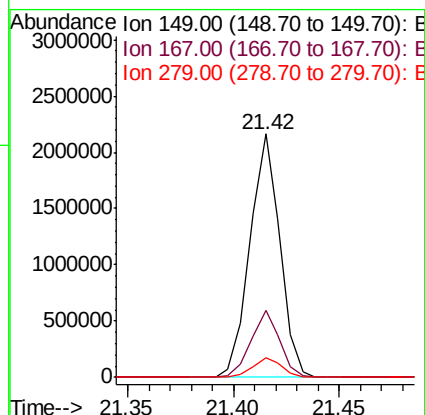
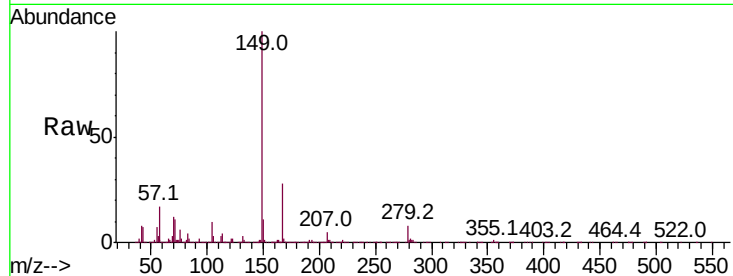
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.882 ng
 RT: 21.42 min Scan# 3082
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	8.0	3.4	5.0

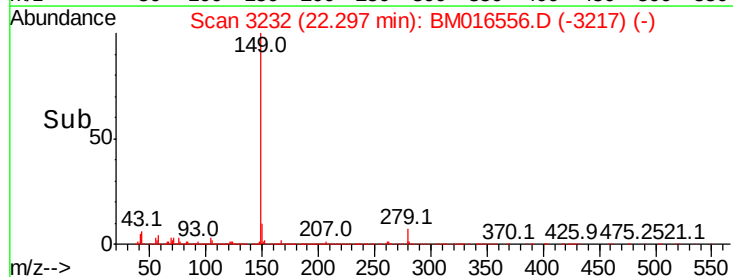
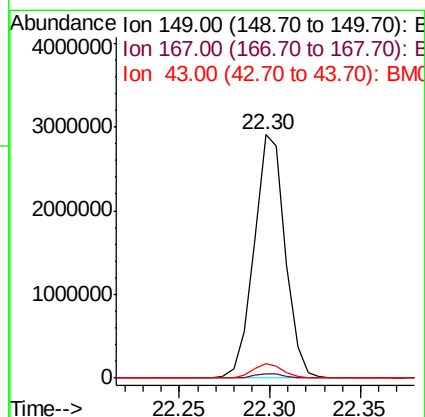
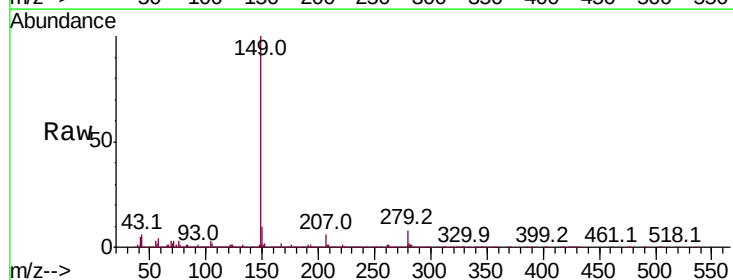
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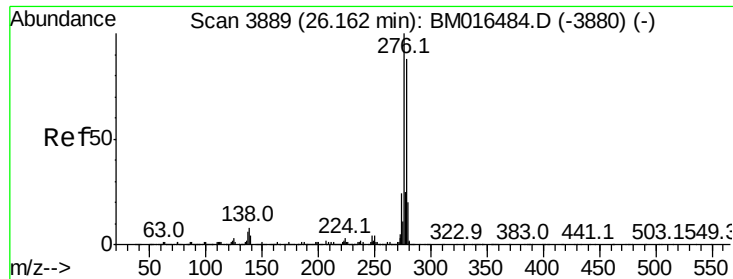
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#84
 Di-n-octyl phthalate
 Concen: 43.709 ng
 RT: 22.30 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	5.8	7.3	10.9





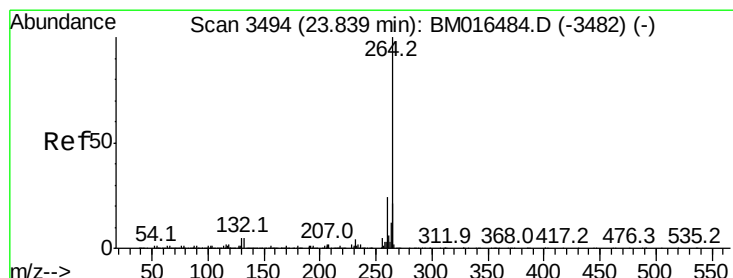
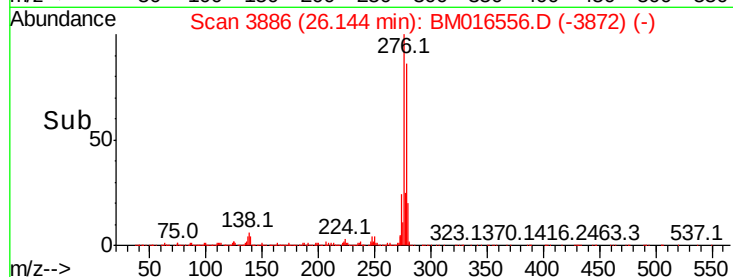
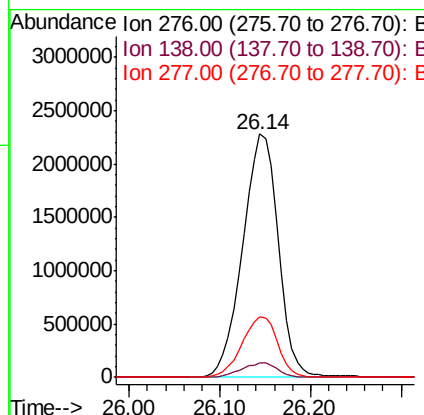
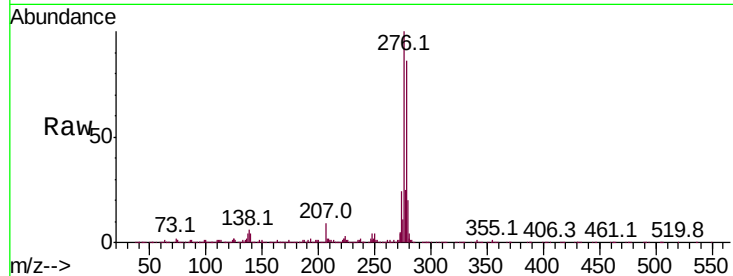
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.382 ng
 RT: 26.14 min Scan# 3886
 Delta R.T. -0.02 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.1	12.0	18.0#
277	25.2	20.0	30.0

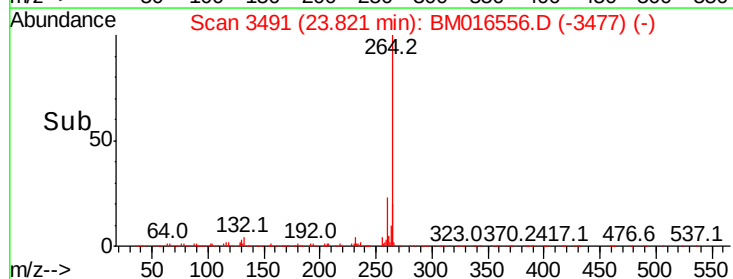
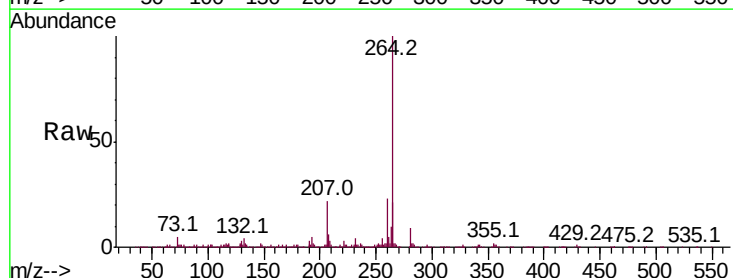
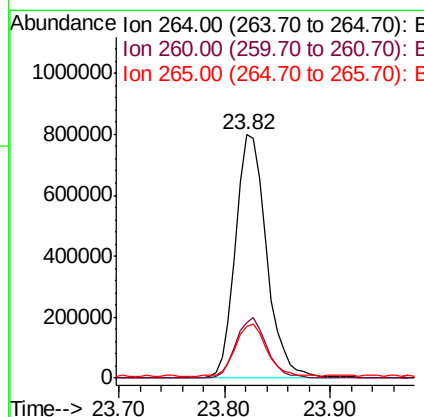
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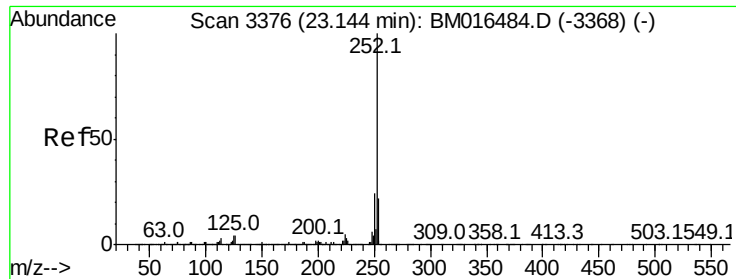
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.82 min Scan# 3491
 Delta R.T. -0.02 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	27.8
265	21.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 56.782 ng

RT: 23.14 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Instrument :

BNA_M

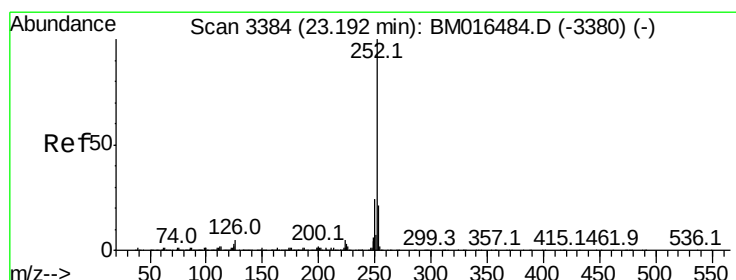
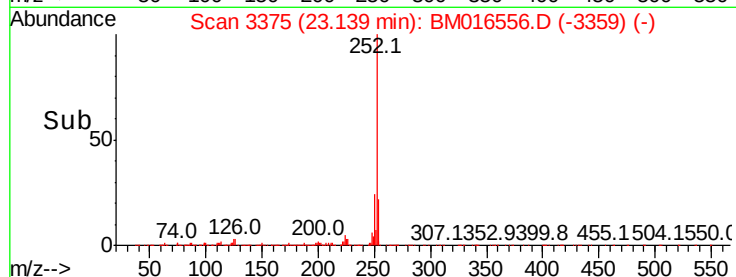
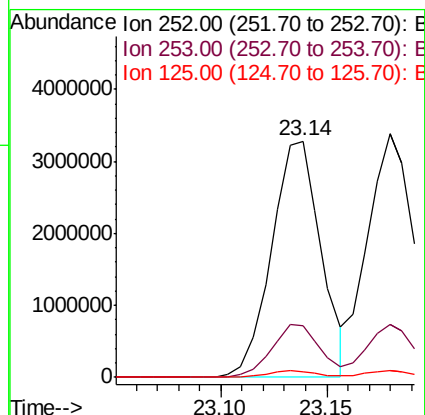
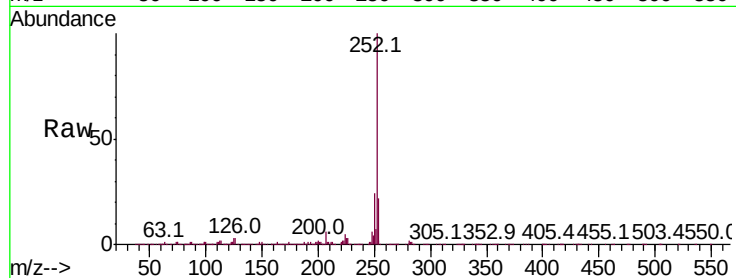
ClientSampleId :

OK-01-082118MS

Tot	Ion:252	Resp:	5336225
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	2.5	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 55.072 ng

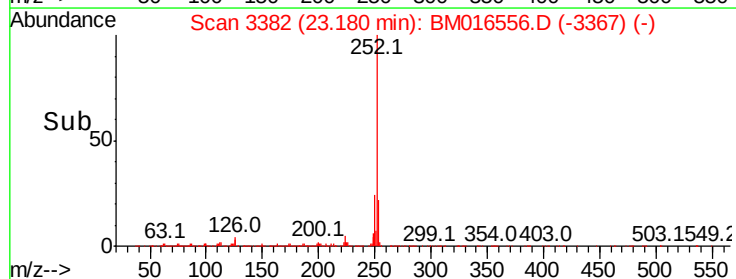
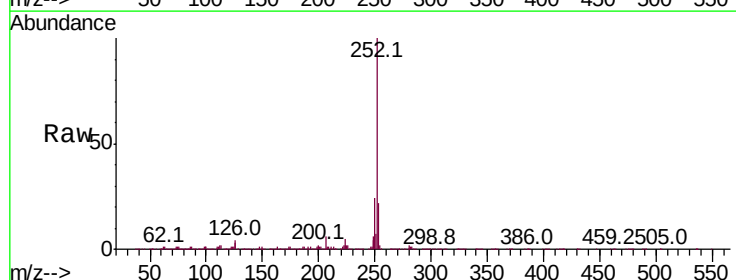
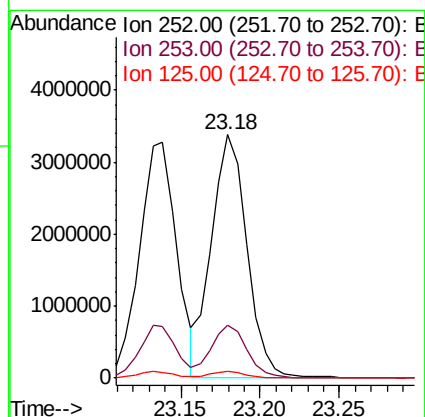
RT: 23.18 min Scan# 3382

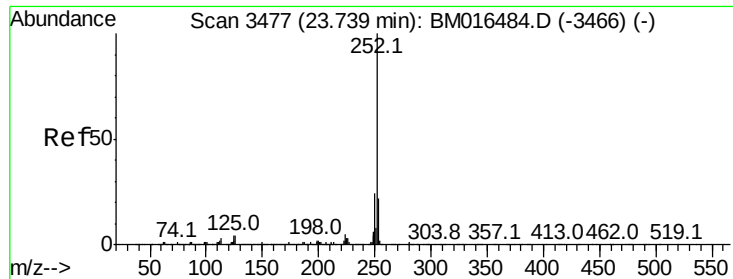
Delta R.T. -0.01 min

Lab File: BM016556.D

Acq: 23 Aug 2018 15:05

Tgt	Ion:252	Resp: 5266000	
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	2.7	8.1	12.1#





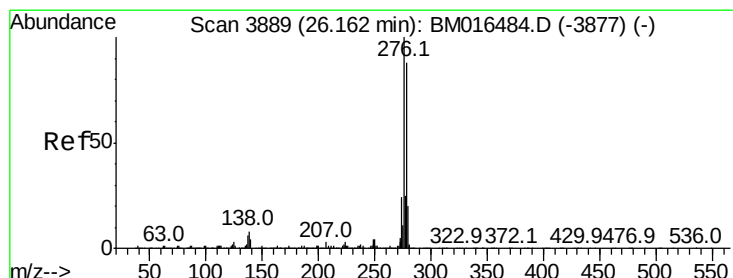
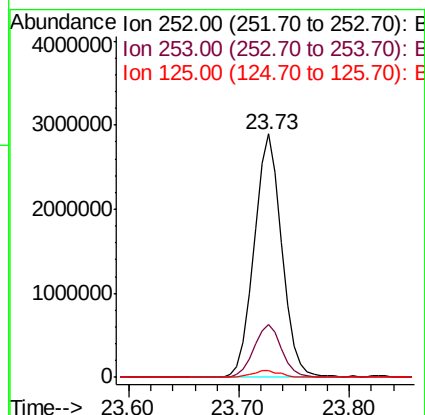
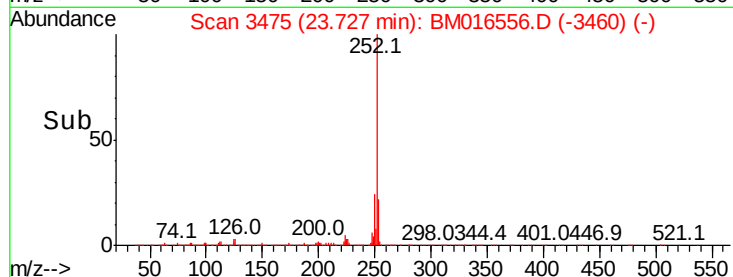
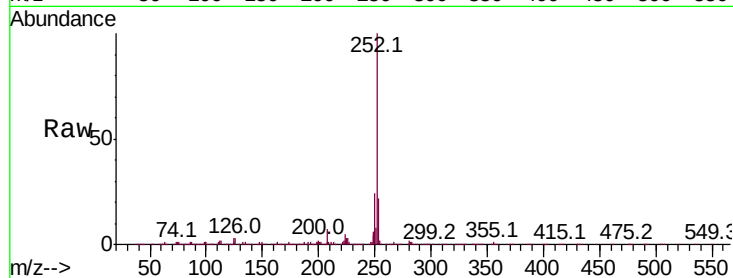
#89
Benzo(a)pyrene
Concen: 55.445 ng
RT: 23.73 min Scan# 3475
Delta R.T. -0.01 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Instrument :
BNA_M
ClientSampleId :
OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	2.7	7.4	11.2

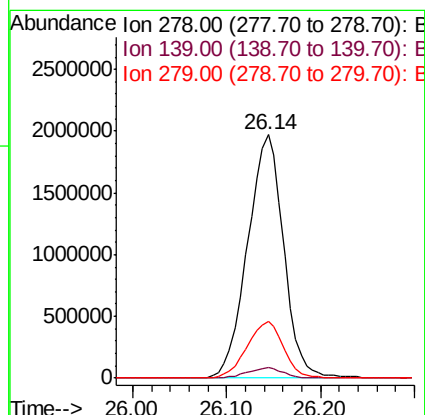
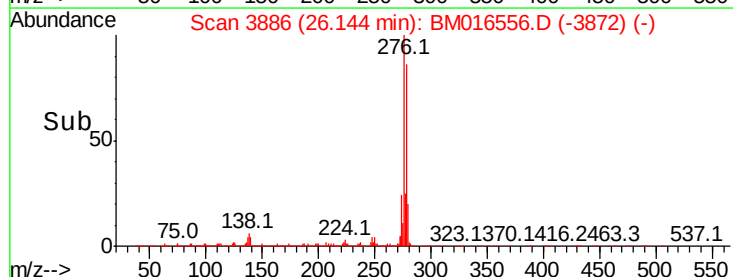
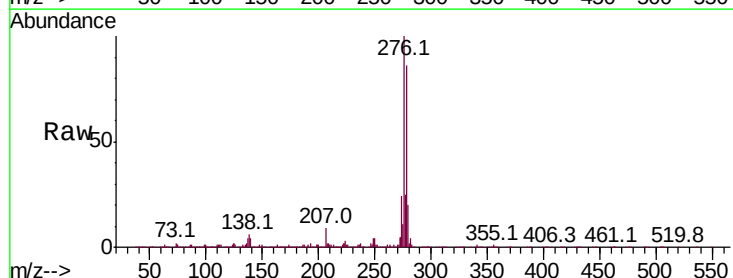
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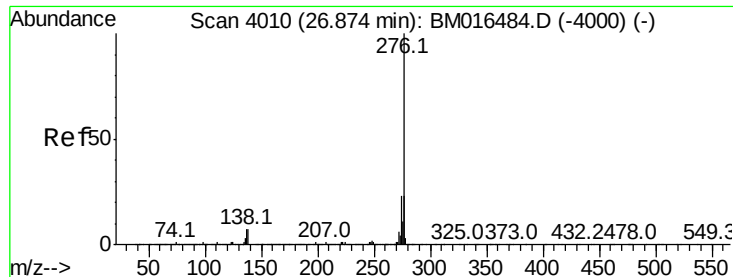
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#90
Dibenzo(a,h)anthracene
Concen: 50.994 ng
RT: 26.14 min Scan# 3886
Delta R.T. -0.02 min
Lab File: BM016556.D
Acq: 23 Aug 2018 15:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	4.2	13.4	20.0
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 51.091 ng
 RT: 26.86 min Scan# 4007
 Delta R.T. -0.02 min
 Lab File: BM016556.D
 Acq: 23 Aug 2018 15:05

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-082118MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	5.3	19.0	28.6

Manual Integrations
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