

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082718\
 Data File : BM016604.D
 Acq On : 27 Aug 2018 13:38
 Operator : SJ/JU
 Sample : J4646-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-A7MS

Manual Integrations
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Sohil
 8/27/2018 5:01:03 PM

Quant Time: Aug 27 15:34:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 27 13:01:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	94285	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	362998	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	276381	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	887541	20.00	ng	0.00
75) Chrysene-d12	21.53	240	1225367	20.00	ng	0.00
86) Perylene-d12	23.82	264	1297157	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	410367	85.29	ng	0.00
7) Phenol-d6	7.19	99	521851	81.96	ng	0.00
23) Nitrobenzene-d5	9.19	82	480557	60.45	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	704159	91.14	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	1617380	56.25	ng	0.00
78) Terphenyl-d14	19.97	244	3748992	64.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	53526	20.137	ng	# 100
3) Pyridine	3.80	79	88770	16.051	ng	# 85
4) n-Nitrosodimethylamine	3.72	42	59361	24.093	ng	# 67
6) Aniline	7.34	93	94016	13.196	ng	# 87
8) 2-Chlorophenol	7.56	128	131412	22.953	ng	# 92
9) Benzaldehyde	7.16	77	83749	18.954	ng	# 70
10) Phenol	7.21	94	138546	22.003	ng	# 80
11) bis(2-Chloroethyl)ether	7.43	93	100482	21.281	ng	# 93
12) 1,3-Dichlorobenzene	7.89	146	153919	20.277	ng	# 82
13) 1,4-Dichlorobenzene	8.04	146	160159	20.560	ng	# 95
14) 1,2-Dichlorobenzene	8.35	146	155579	20.329	ng	# 96
15) Benzyl Alcohol	8.27	79	102598	17.352	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.52	45	68022	20.922	ng	# 24
17) 2-Methylphenol	8.47	107	103840	22.774	ng	# 74
18) Hexachloroethane	9.06	117	86039	23.975	ng	# 46
19) n-Nitroso-di-n-propylamine	8.82	70	105381	21.111	ng	# 85
20) 3+4-Methylphenols	8.80	107	127121	20.164	ng	# 78
22) Acetophenone	8.85	105	200130	22.895	ng	# 99
24) Nitrobenzene	9.24	77	181928	22.903	ng	# 88
25) Isophorone	9.75	82	291125	27.399	ng	# 95
26) 2-Nitrophenol	9.95	139	71490m	21.052	ng	# 74
27) 2,4-Dimethylphenol	10.00	122	115282	26.049	ng	# 99
28) bis(2-Chloroethoxy)methane	10.23	93	146530	23.102	ng	# 90
29) 2,4-Dichlorophenol	10.48	162	166441	25.129	ng	# 92
30) 1,2,4-Trichlorobenzene	10.67	180	258333	25.704	ng	# 100
31) Naphthalene	10.86	128	420883	24.336	ng	# 98
32) Benzoic acid	10.17	122	54737m	14.783	ng	# 93
33) 4-Chloroaniline	11.01	127	90321m	12.409	ng	# 77
34) Hexachlorobutadiene	11.10	225	274309	28.596	ng	# 100
35) Caprolactam	11.81	113	36301m	22.841	ng	# 96
36) 4-Chloro-3-methylphenol	12.12	107	140288	22.032	ng	# 93
37) 2-Methylnaphthalene	12.47	142	338791	25.023	ng	# 77
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	415634	26.627	ng	# 100
40) Hexachlorocyclopentadiene	12.79	237	395891	61.619	ng	# 96

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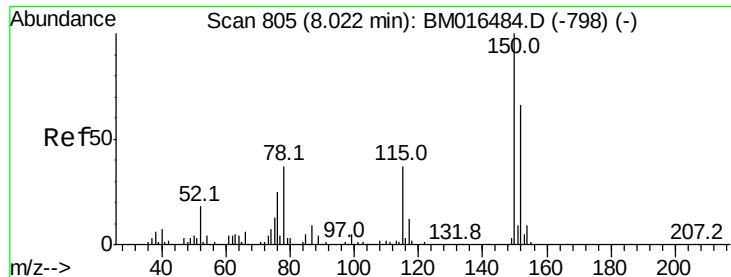
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 8/27/2018 5:01:03 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	241332	25.855	nq	94
43) 2,4,5-Trichlorophenol	13.17	196	234262	25.693	nq #	94
45) 1,1'-Biphenyl	13.47	154	491849	20.295	nq	95
46) 2-Chloronaphthalene	13.53	162	403282	20.483	nq	95
47) 2-Nitroaniline	13.76	65	106157	20.243	nq #	78
48) Acenaphthylene	14.37	152	594908	21.406	nq	99
49) Dimethylphthalate	14.11	163	841435	31.689	nq #	98
50) 2,6-Dinitrotoluene	14.25	165	113903	21.993	nq #	63
51) Acenaphthene	14.71	154	357980	20.966	nq	97
52) 3-Nitroaniline	14.60	138	60216	12.778	nq	84
53) 2,4-Dinitrophenol	14.83	184	93134	35.934	nq #	70
54) Dibenzofuran	15.05	168	707705	21.652	nq #	89
55) 4-Nitrophenol	14.92	139	96994	32.270	nq #	81
56) 2,4-Dinitrotoluene	15.05	165	173266	20.063	nq #	77
57) Fluorene	15.69	166	560317	22.693	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	235851	26.913	nq #	100
59) Diethylphthalate	15.46	149	576282	20.815	nq #	92
60) 4-Chlorophenyl-phenylether	15.68	204	498796	24.089	nq #	86
61) 4-Nitroaniline	15.76	138	68861	14.952	nq #	1
62) Azobenzene	15.97	77	689584	23.385	nq	91
64) 4,6-Dinitro-2-methylphenol	15.82	198	123508	18.314	nq #	58
65) n-Nitrosodiphenylamine	15.90	169	503033	20.147	nq	94
66) 4-Bromophenyl-phenylether	16.57	248	326207	23.920	nq	100
67) Hexachlorobenzene	16.69	284	354583	22.296	nq	95
68) Atrazine	16.85	200	307580	26.993	nq	92
69) Pentachlorophenol	17.04	266	306942	36.477	nq	92
70) Phenanthrene	17.43	178	1014158	22.108	nq	98
71) Anthracene	17.52	178	1010813	22.190	nq	99
72) Carbazole	17.80	167	738653	18.044	nq	99
73) Di-n-butylphthalate	18.32	149	969128	19.418	nq #	97
74) Fluoranthene	19.43	202	1562435	23.230	nq	94
76) Benzidine	19.63	184	406262	17.240	nq	98
77) Pyrene	19.79	202	1584385	23.792	nq	99
79) Butylbenzylphthalate	20.66	149	478929	20.835	nq #	74
80) Benzo(a)anthracene	21.52	228	1724830	23.942	nq	99
81) 3,3'-Dichlorobenzidine	21.45	252	455877	14.216	nq #	96
82) Chrysene	21.57	228	1576363	22.933	nq	100
83) Bis(2-ethylhexyl)phthalate	21.41	149	667226	19.525	nq #	93
84) Di-n-octyl phthalate	22.29	149	1090704	19.207	nq #	94
85) Indeno(1,2,3-cd)pyrene	26.13	276	2109330	21.338	nq #	91
87) Benzo(b)fluoranthene	23.13	252	1884643	25.204	nq #	90
88) Benzo(k)fluoranthene	23.17	252	1723920	22.659	nq #	92
89) Benzo(a)pyrene	23.72	252	1747109	24.013	nq #	93
90) Dibenzo(a,h)anthracene	26.13	278	1736639	21.298	nq #	86
91) Benzo(g,h,i)perylene	26.84	276	1670720	22.826	nq #	80

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



#1

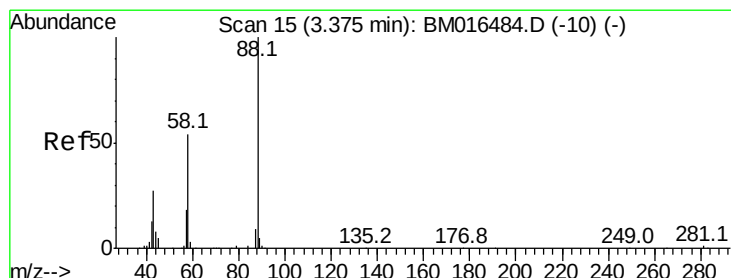
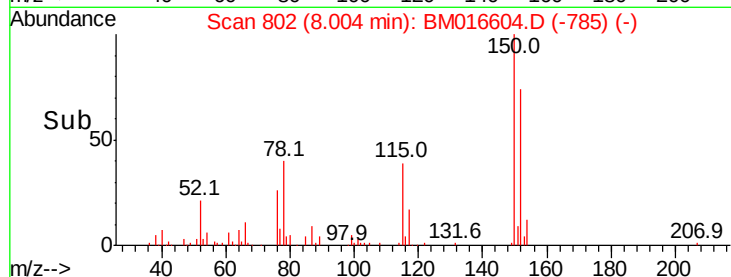
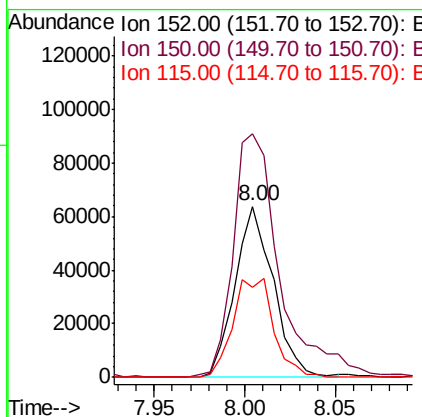
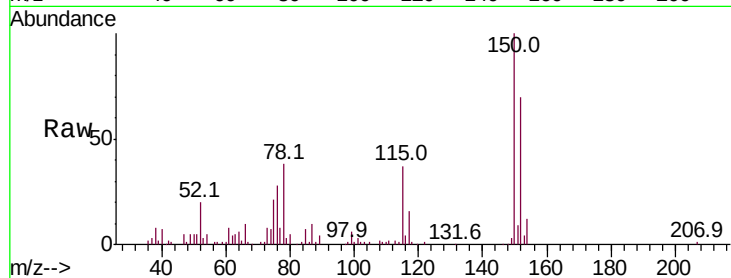
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 802
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	119.5	179.3
115	52.7	43.0	64.4

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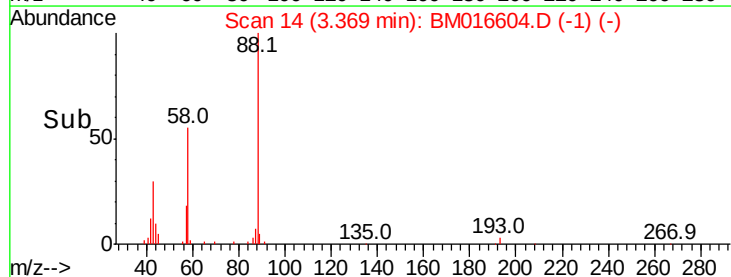
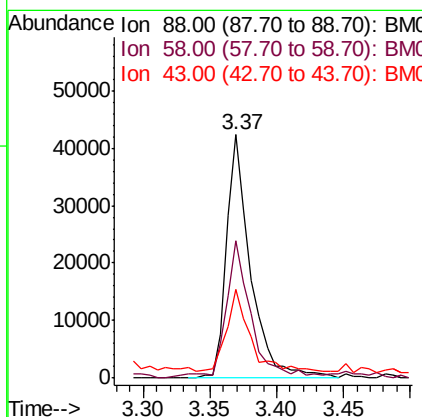
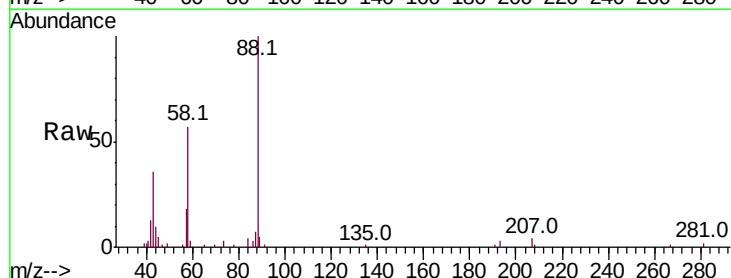
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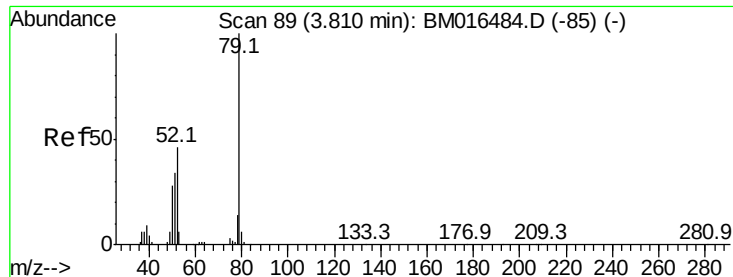


#2

1,4-Dioxane
Concen: 20.137 ng
RT: 3.37 min Scan# 14
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.4	0.0	0.0#
43	32.9	0.0	0.0#





#3

Pvridine

Concen: 16.051 ng

RT: 3.80 min Scan# 88

Delta R.T. 0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

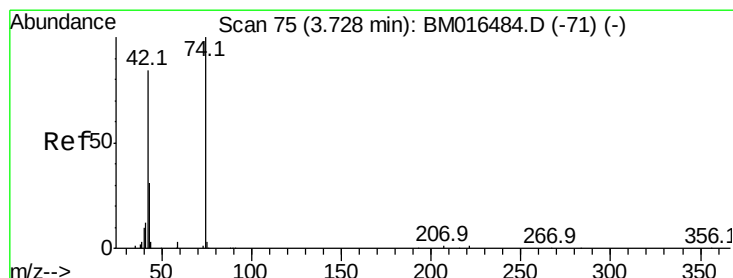
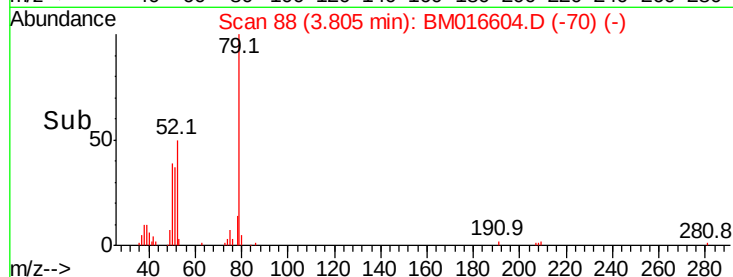
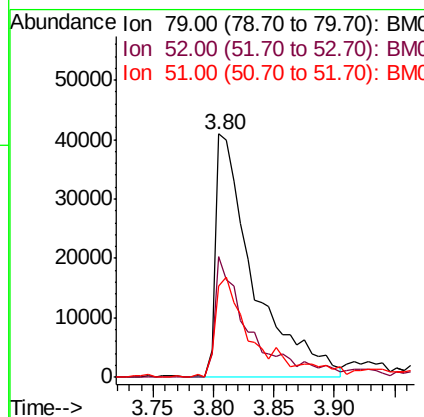
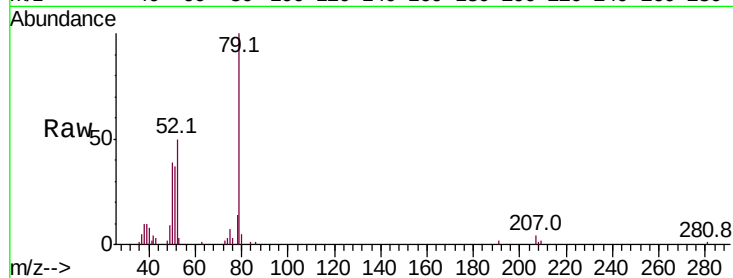
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	79	Resp:	88770
Ion Ratio	Lower	Upper	
79	100		
52	49.6	51.1	76.7#
51	37.5	26.1	39.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 24.093 ng

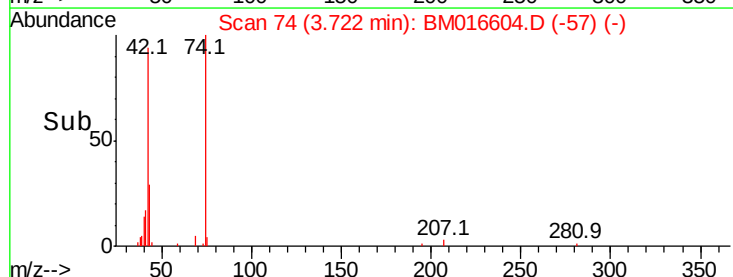
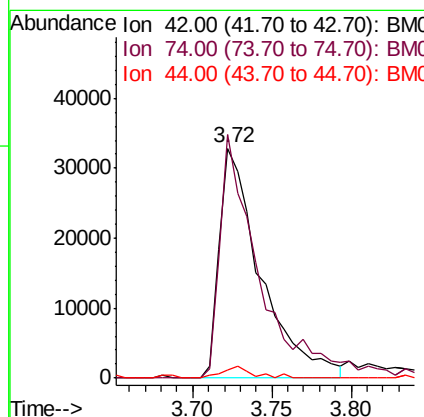
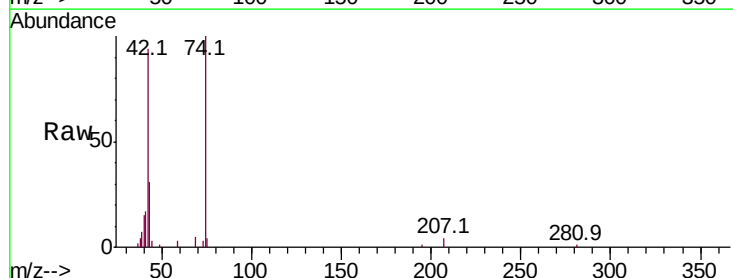
RT: 3.72 min Scan# 74

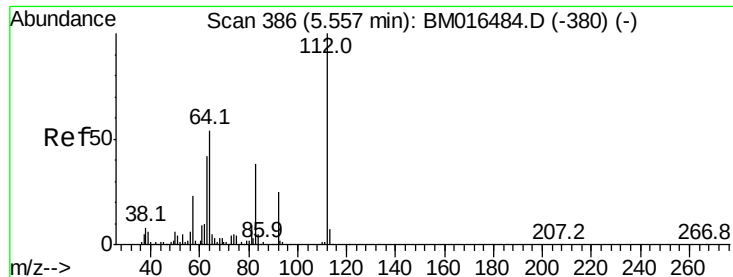
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	42	Resp:	59361
Ion Ratio	Lower	Upper	
42	100		
74	106.1	119.3	178.9#
44	3.5	5.4	8.2#





#5

2-Fluorophenol

Concen: 85.289 ng

RT: 5.55 min Scan# 384

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

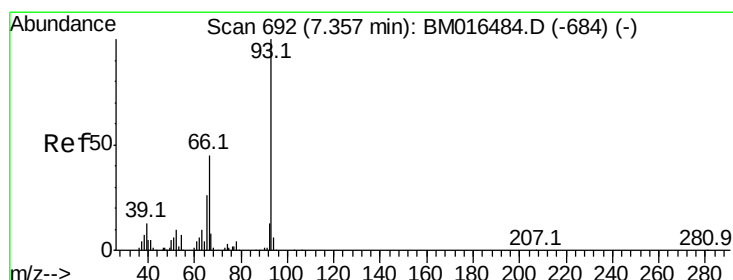
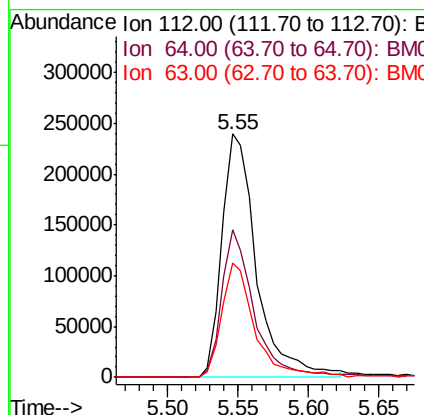
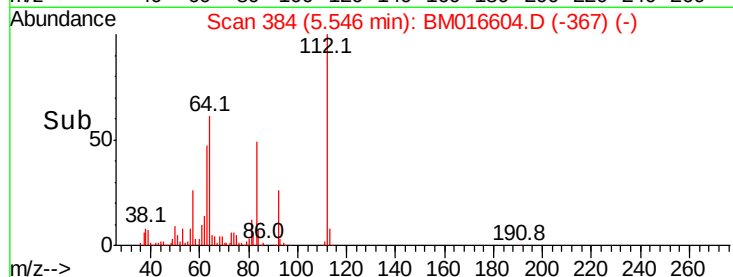
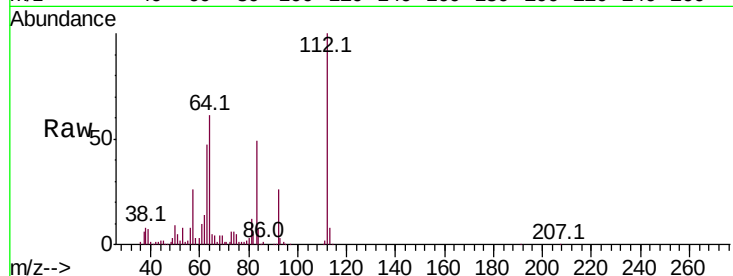
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	112	Resp:	410367
Ion Ratio	Lower	Upper	
112	100		
64	60.6	38.6	57.8#
63	47.0	19.3	28.9#

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#6

Aniline

Concen: 13.196 ng

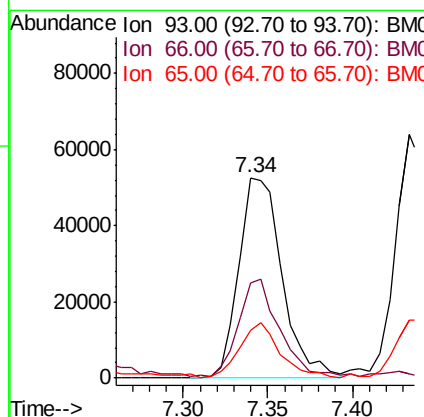
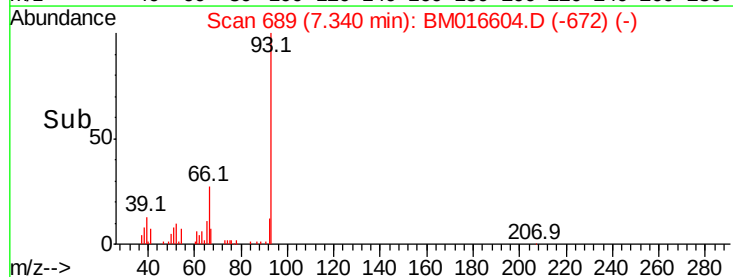
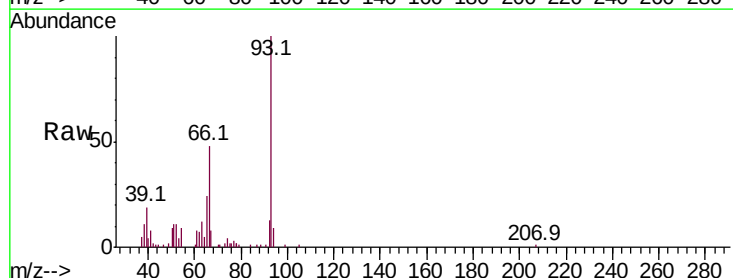
RT: 7.34 min Scan# 689

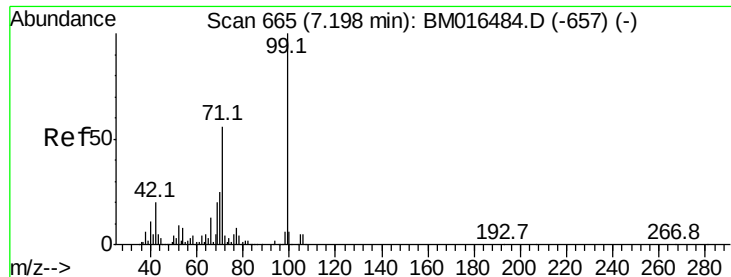
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	93	Resp:	94016
Ion Ratio	Lower	Upper	
93	100		
66	47.7	30.8	46.2#
65	23.9	16.0	24.0





#7

Phenol-d6

Concen: 81.963 ng

RT: 7.19 min Scan# 663

Delta R.T. 0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

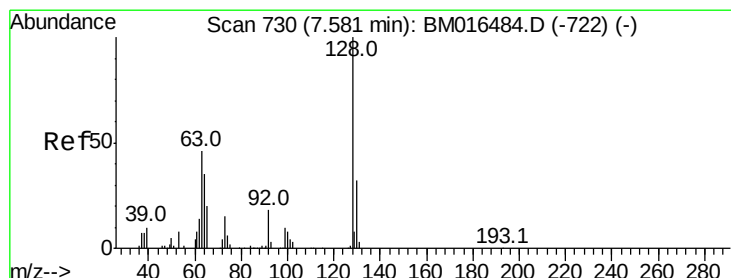
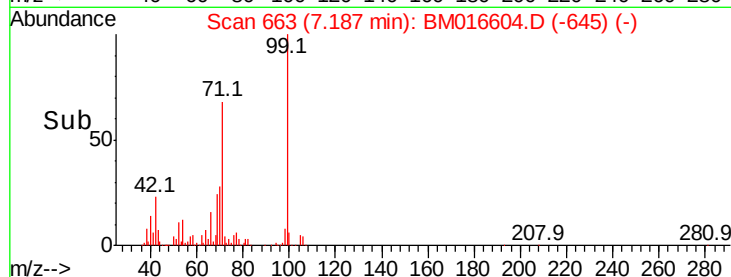
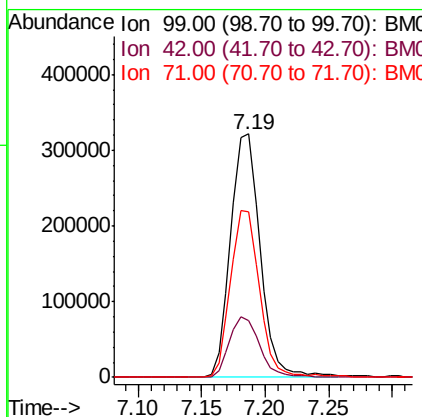
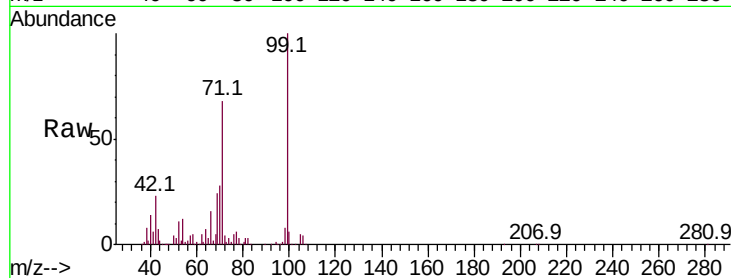
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	99	Resp:	521851
Ion Ratio	Lower	Upper	
99	100		
42	23.3	11.0	16.4#
71	68.0	23.4	35.2#

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#8

2-Chlorophenol

Concen: 22.953 ng

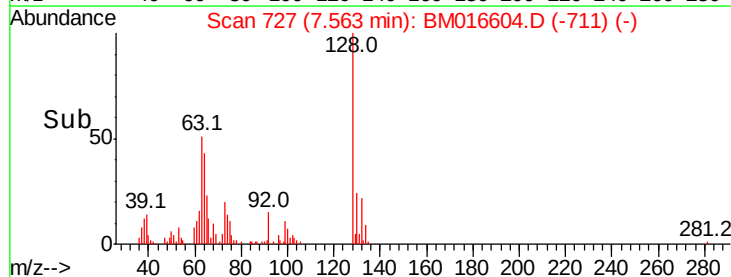
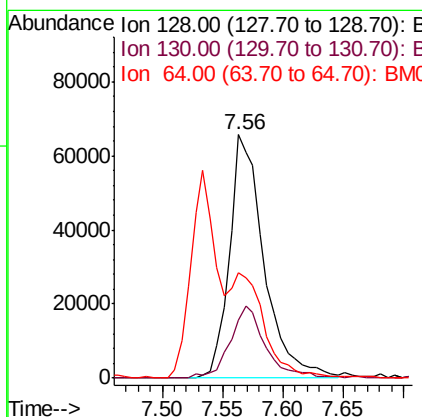
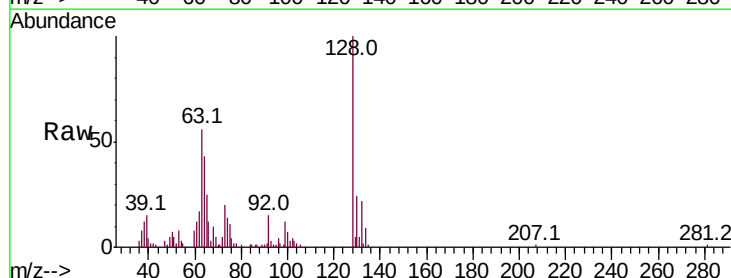
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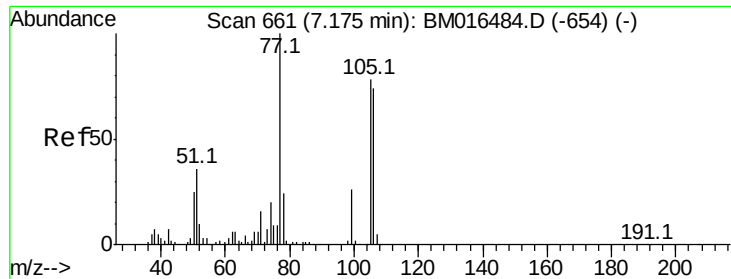
Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	128	Resp:	131412
Ion Ratio	Lower	Upper	
128	100		
130	23.6	12.0	52.0
64	43.2	24.9	64.9





#9

Benzaldehyde

Concen: 18.954 ng

RT: 7.16 min Scan# 659

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

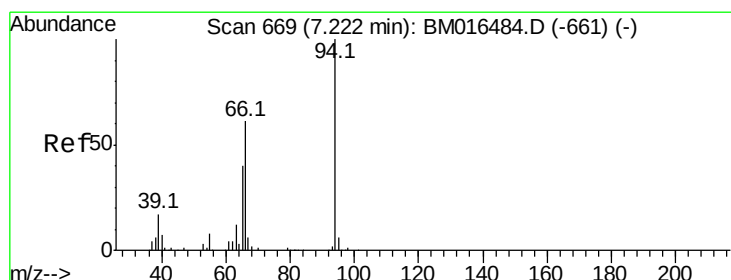
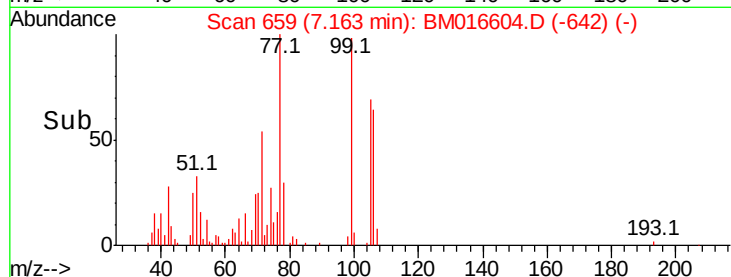
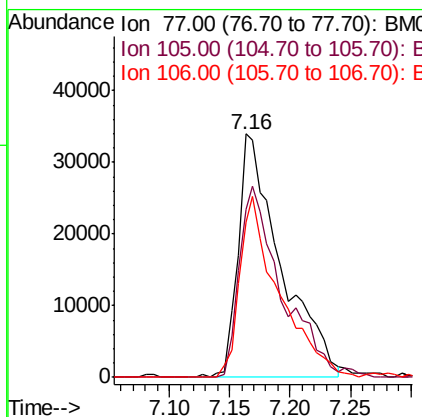
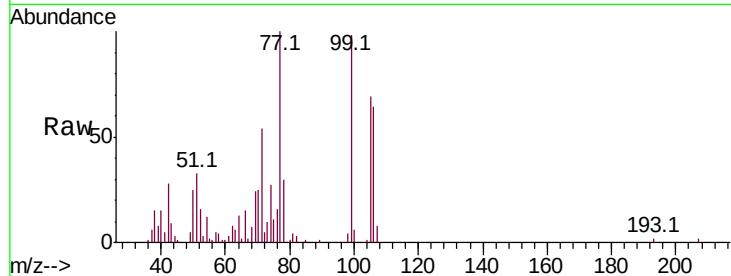
ClientSampleId :

EP1-Q4-A7MS

Tot Ion: 77 Resp: 83749
 Ion Ratio Lower Upper
 77 100
 105 69.2 78.8 118.8#
 106 63.6 73.7 113.7#

Manual Integrations
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#10

Phenol

Concen: 22.003 ng

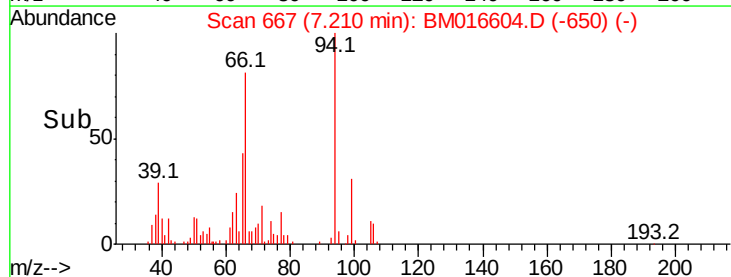
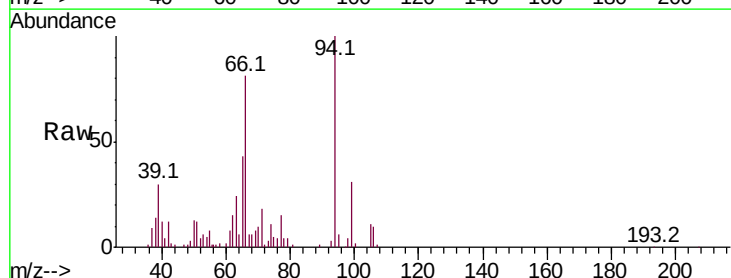
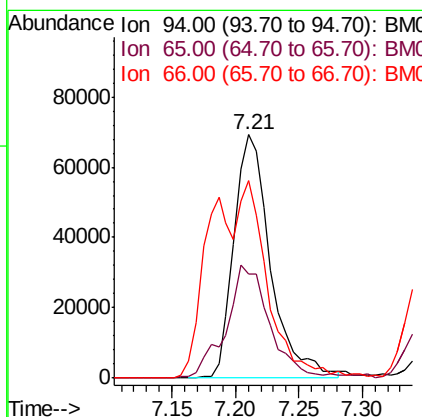
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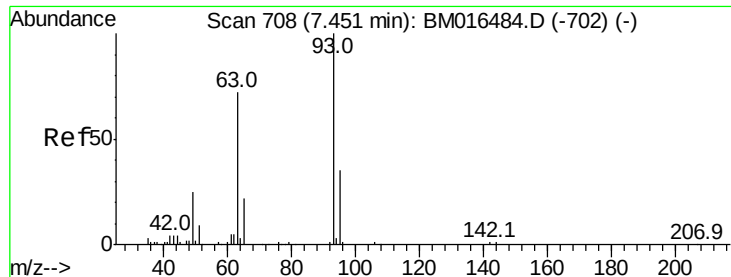
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion: 94 Resp: 138546
 Ion Ratio Lower Upper
 94 100
 65 42.7 18.8 58.8
 66 81.1 39.9 79.9#





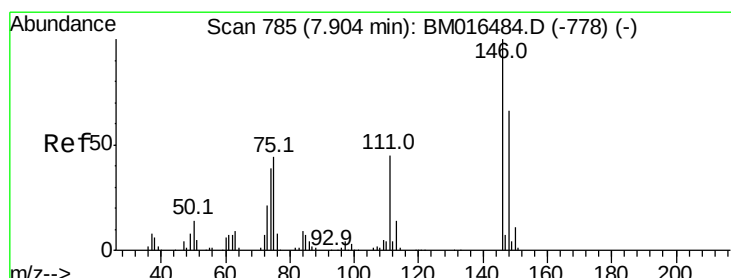
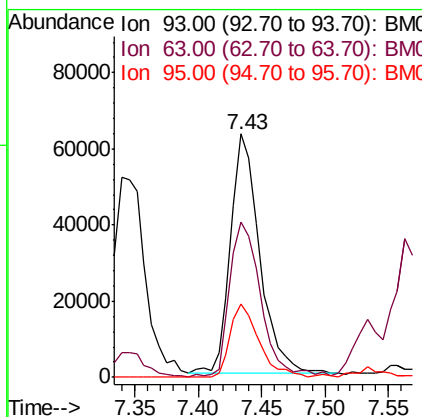
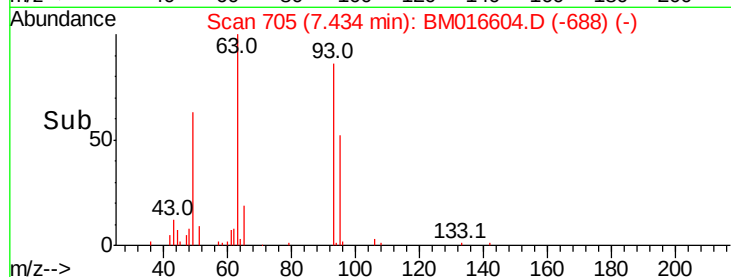
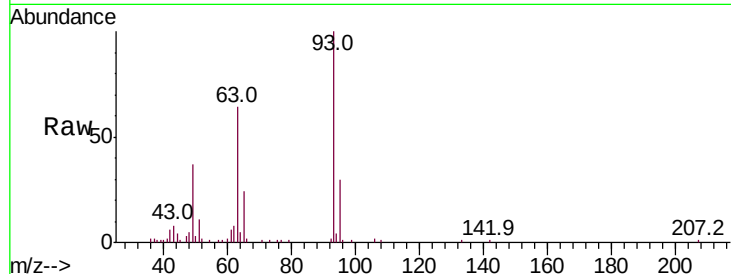
#11
bis(2-Chloroethyl)ether
Concen: 21.281 ng
RT: 7.43 min Scan# 705
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.0	49.5	89.5
95	30.0	13.5	53.5

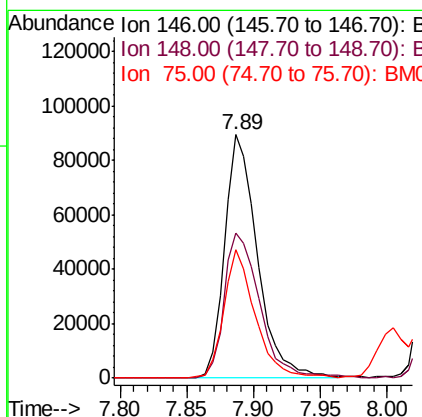
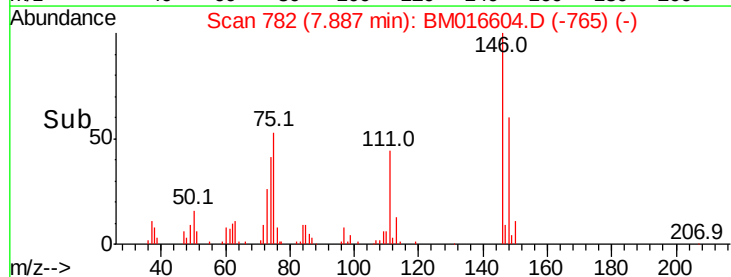
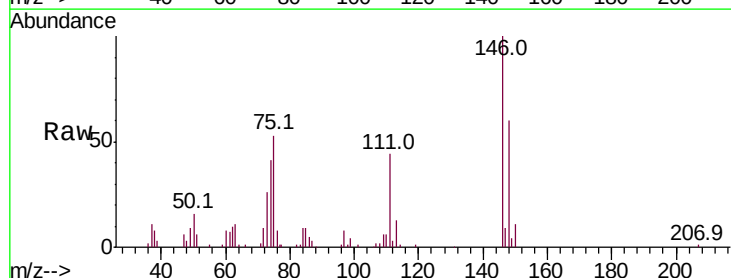
Manual Integrations
APPROVED

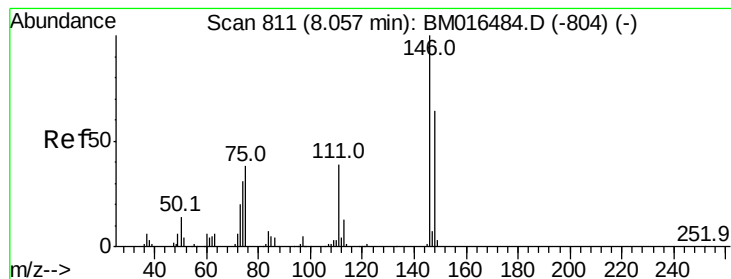
Sohil
8/27/2018 5:01:03 PM



#12
1,3-Dichlorobenzene
Concen: 20.277 ng
RT: 7.89 min Scan# 782
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.7	50.9	76.3
75	52.8	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 20.560 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

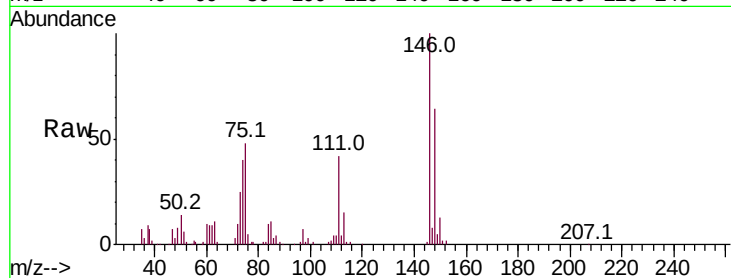
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	146	Resp:	160159
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.9	77.9
111	42.5	29.2	43.8

Manual Integrations
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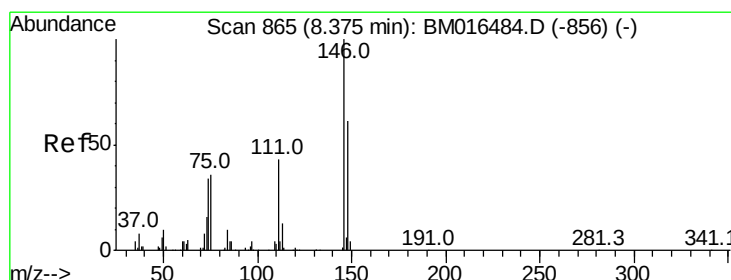
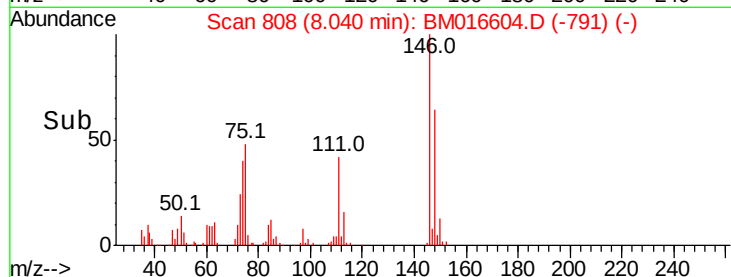
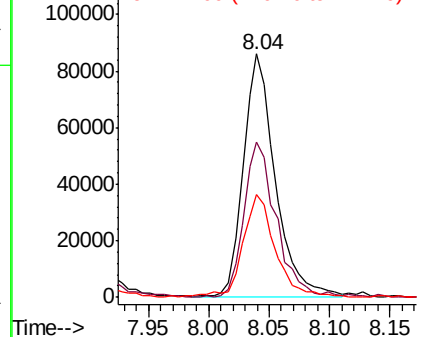


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 20.329 ng

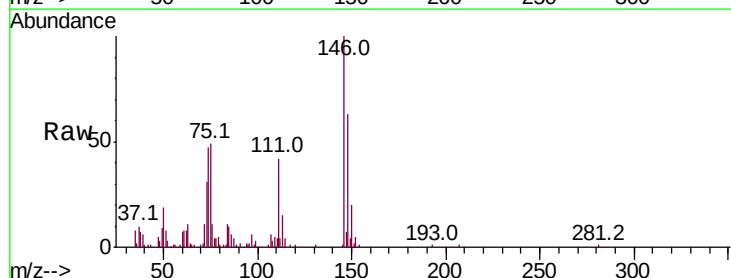
RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	146	Resp:	155579
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.3	78.5
111	41.9	30.6	45.8

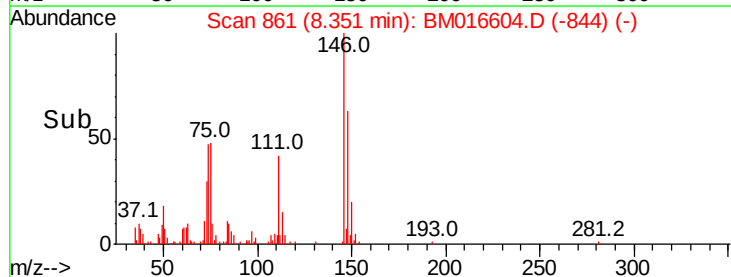
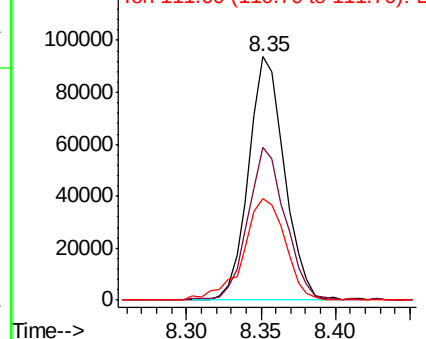


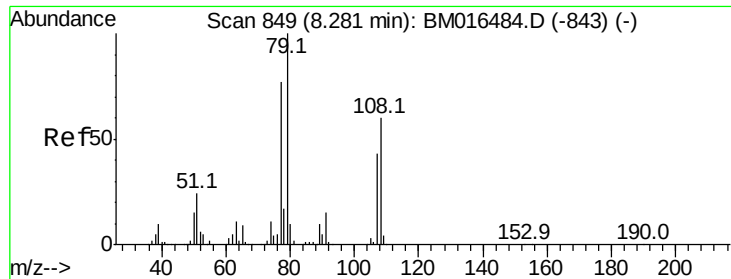
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 17.352 ng

RT: 8.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

EP1-Q4-A7MS

Tot Ion: 79 Resp: 102598

Ion Ratio Lower Upper

79 100

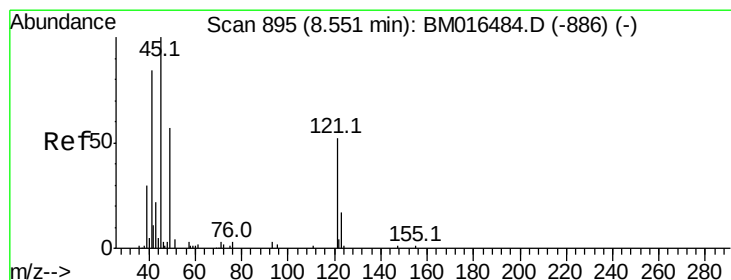
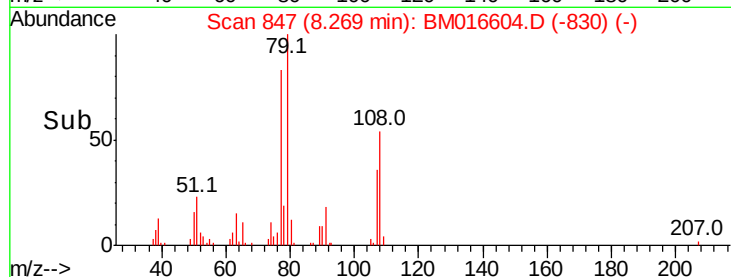
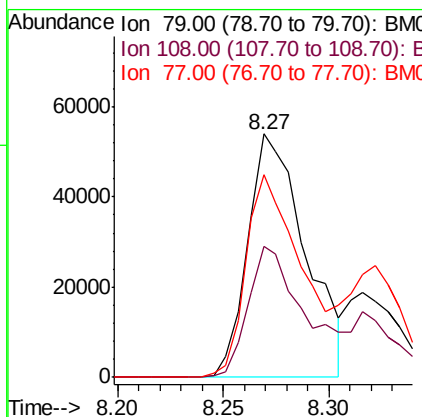
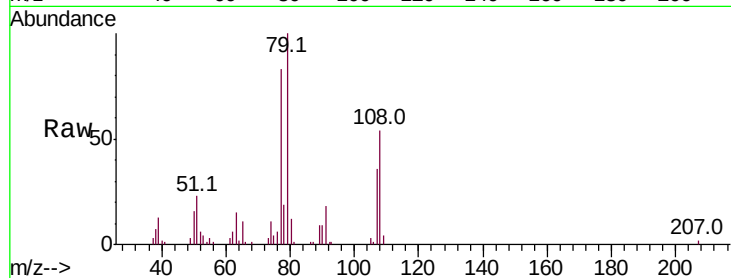
108 53.7 65.0 97.4#

77 83.2 53.0 79.6#

Manual Integrations
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Sohil

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.922 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

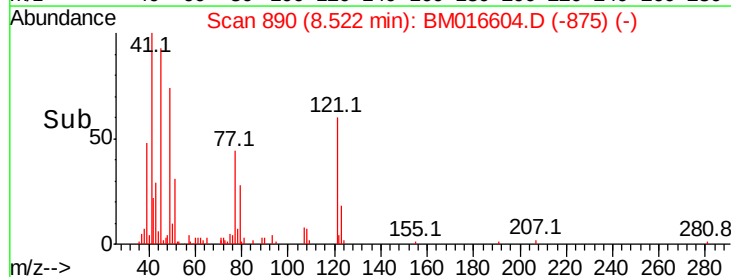
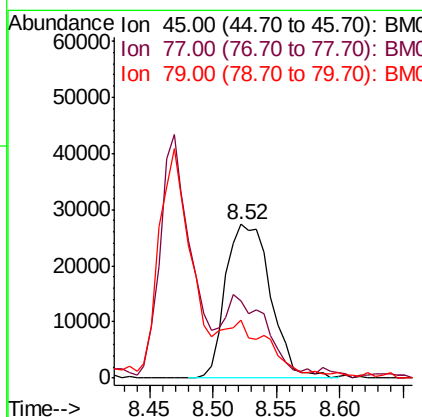
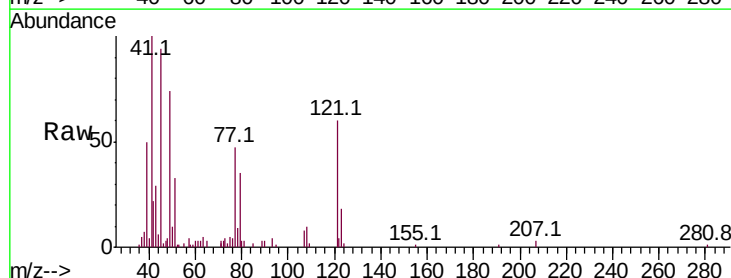
Tgt Ion: 45 Resp: 68022

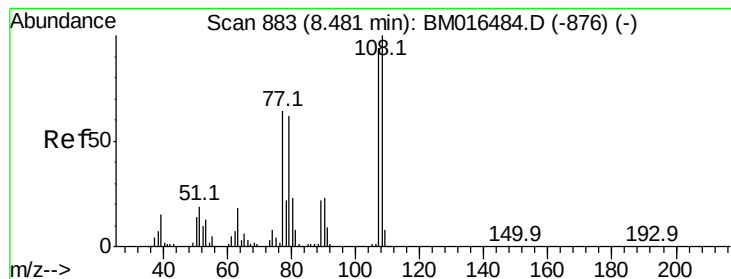
Ion Ratio Lower Upper

45 100

77 50.4 0.0 35.2#

79 37.4 0.0 32.0#





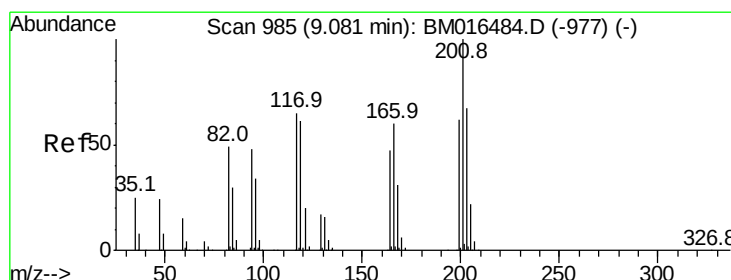
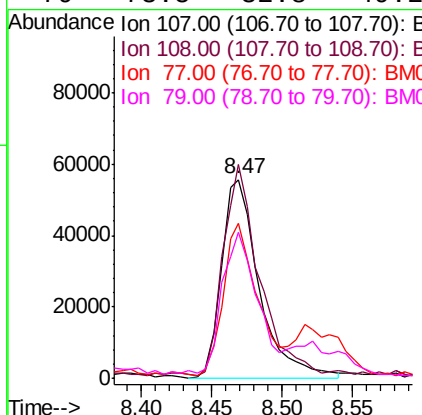
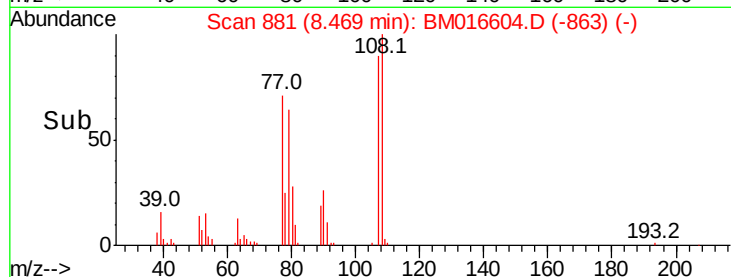
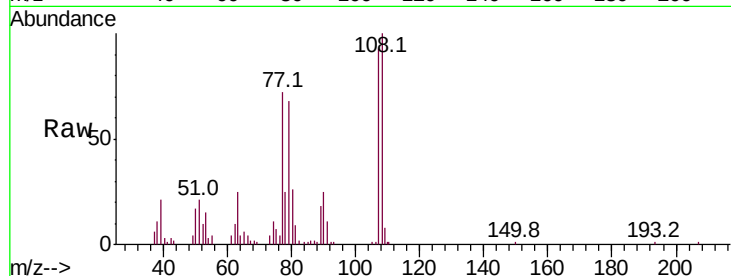
#17
2-Methylphenol
Concen: 22.774 ng
RT: 8.47 min Scan# 881
Delta R.T. 0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.4	89.8	134.8	
77	77.8	32.6	48.8#	
79	73.5	32.8	49.2#	

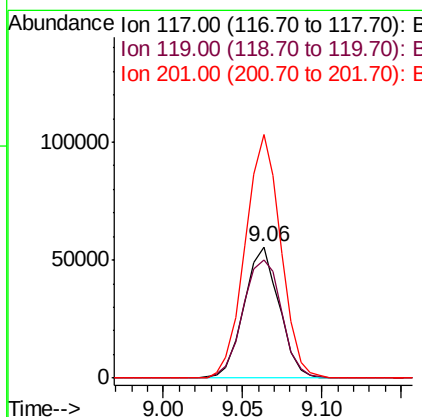
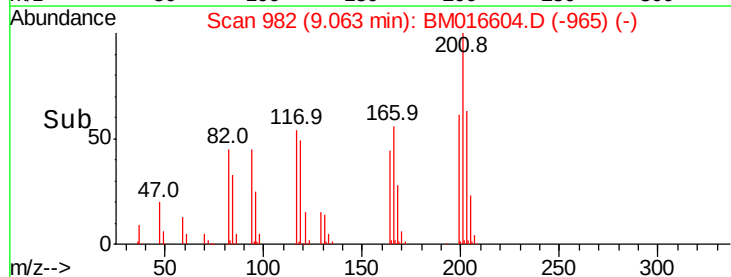
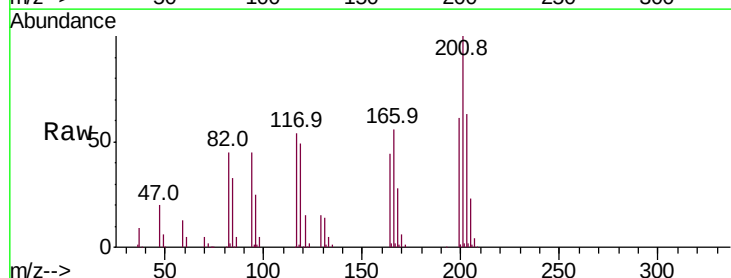
Manual Integrations
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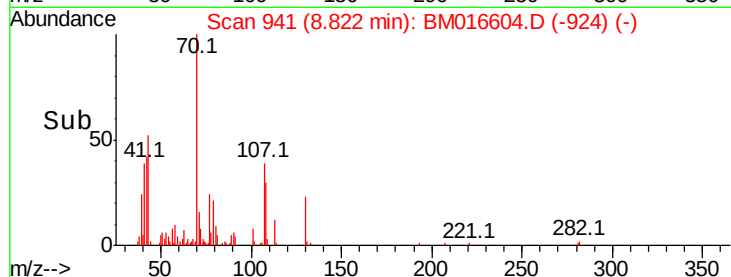
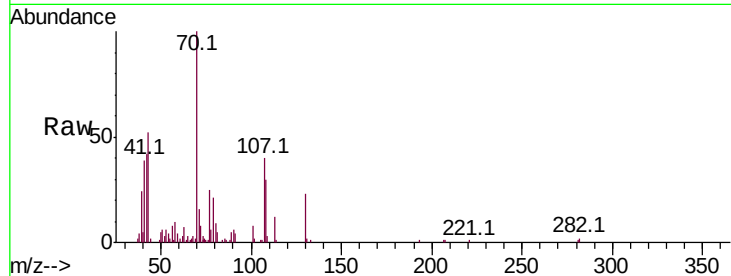
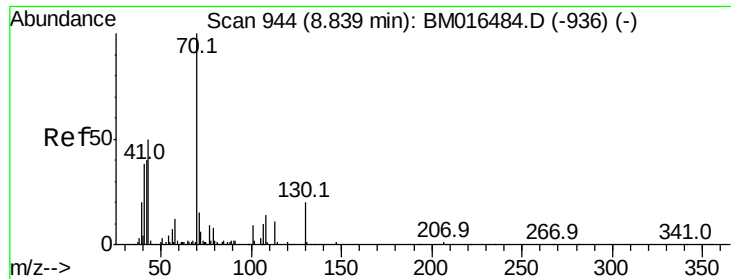
Sohil
8/27/2018 5:01:03 PM



#18
Hexachloroethane
Concen: 23.975 ng
RT: 9.06 min Scan# 982
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	90.6	79.2	118.8	
201	185.9	69.8	104.6#	





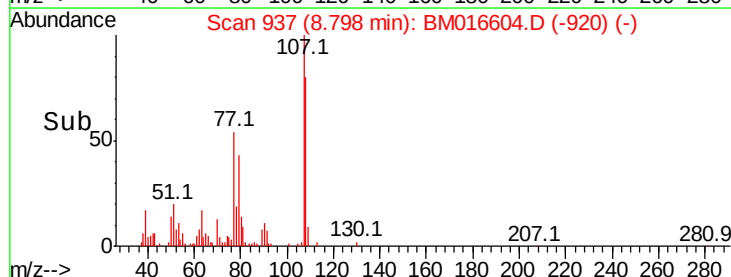
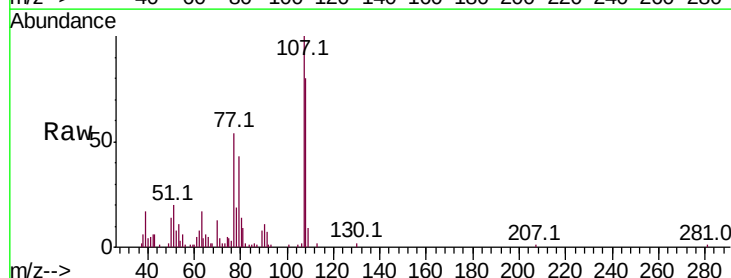
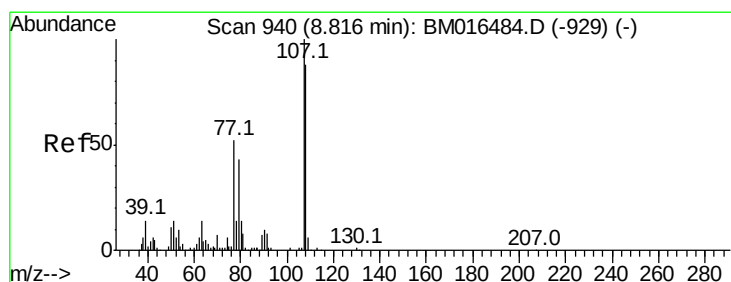
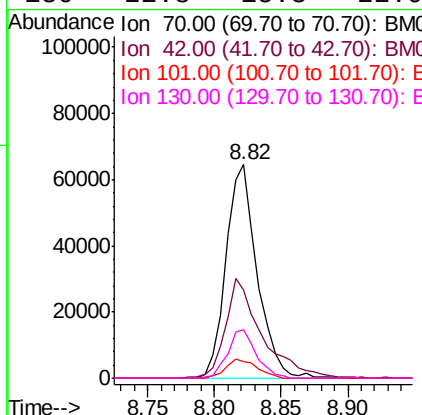
#19
n-Nitroso-di-n-propylamine
Concen: 21.111 ng
RT: 8.82 min Scan# 941
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.6	44.5	66.7#
101	8.0	7.4	11.2
130	22.8	15.3	22.9

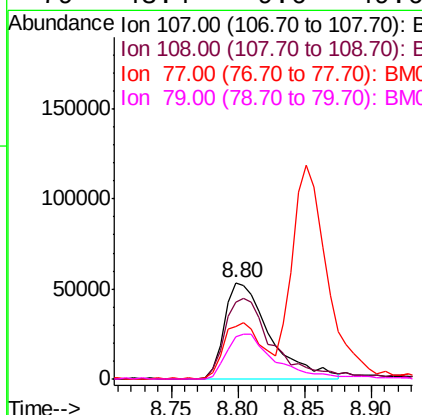
Manual Integrations
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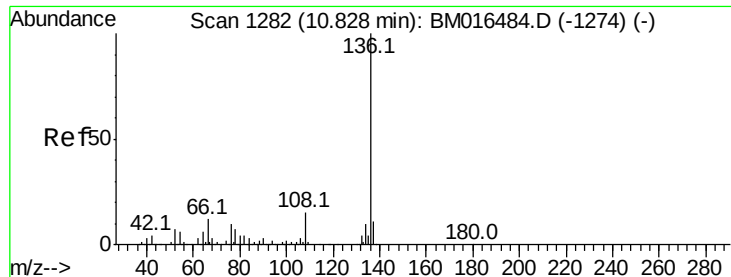
Sohil
8/27/2018 5:01:03 PM



#20
3+4-Methylphenols
Concen: 20.164 ng
RT: 8.80 min Scan# 937
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	80.3	73.2	113.2
77	54.5	10.7	50.7#
79	43.4	9.6	49.6





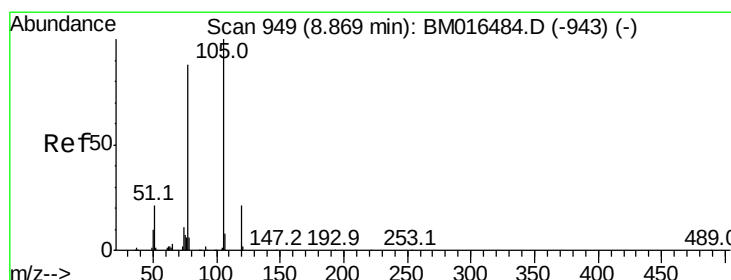
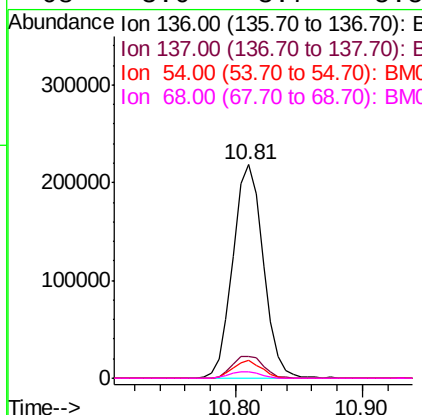
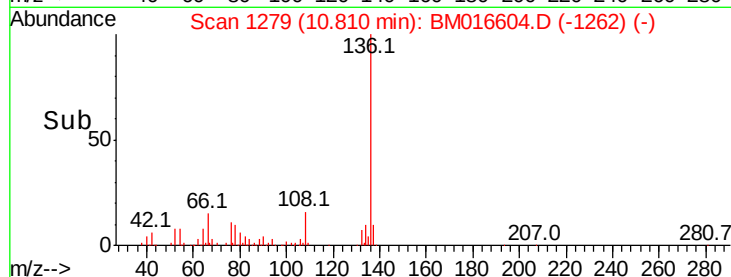
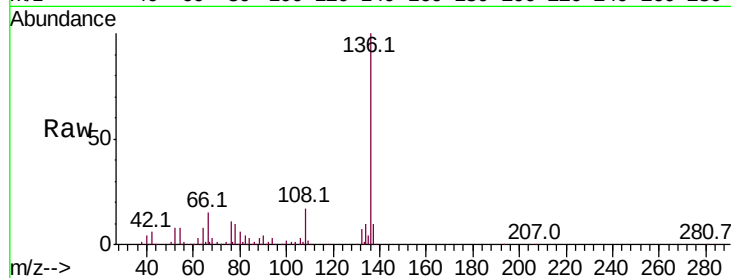
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	362998		
137	10.3		8.7	13.1
54	8.2		4.6	6.8#
68	3.0		3.7	5.5#

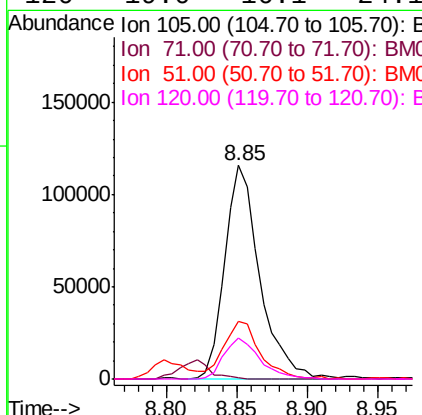
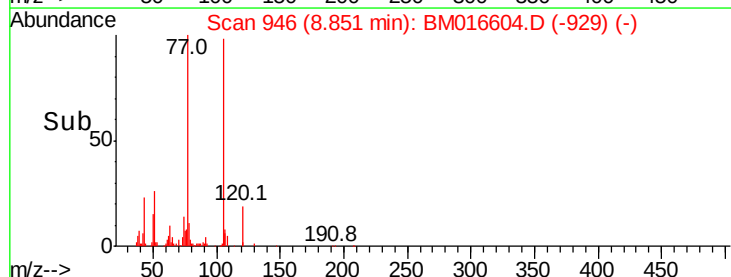
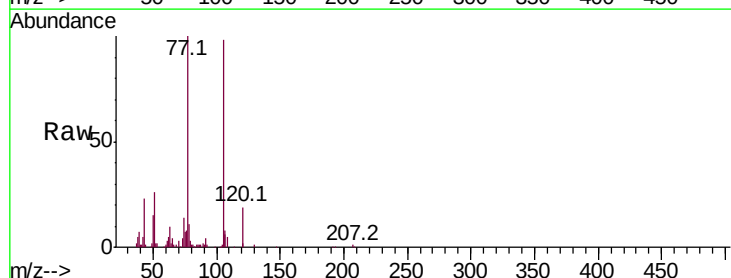
Manual Integrations
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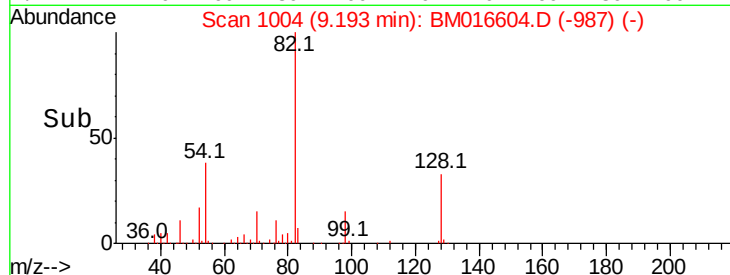
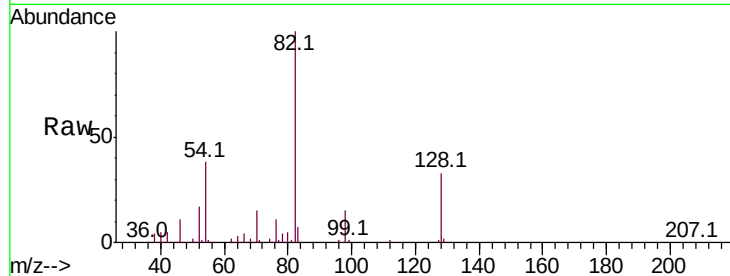
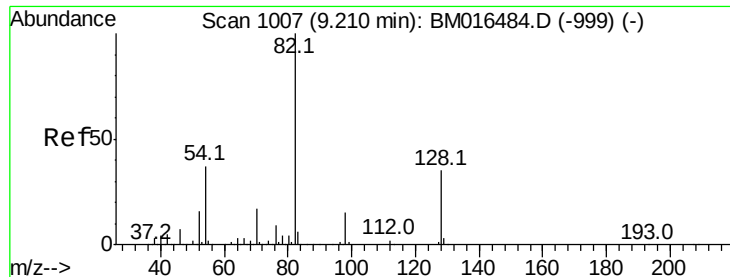
Sohil
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#22
Acetophenone
Concen: 22.895 ng
RT: 8.85 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200130		
71	0.4		0.6	1.0#
51	26.8		21.6	32.4
120	19.0		16.1	24.1





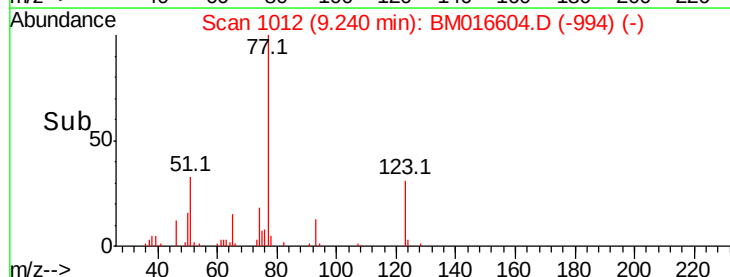
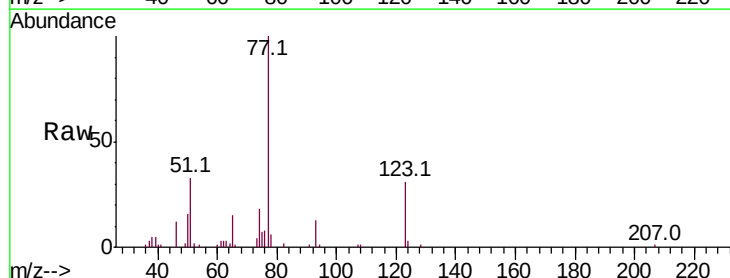
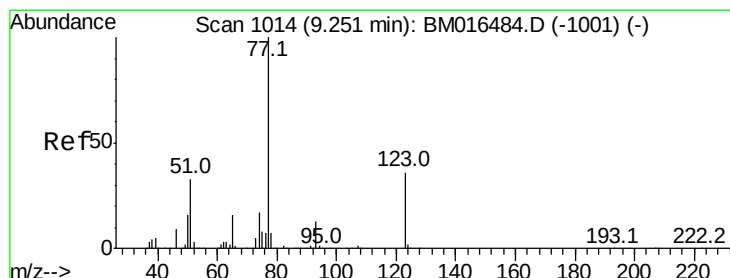
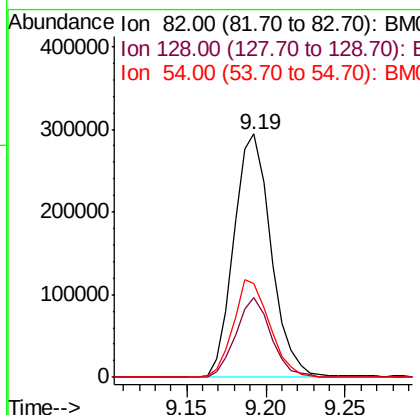
#23
Nitrobenzene-d5
Concen: 60.446 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tot Ion	Ratio	Resp	Lower	Upper
82	100	480557		
128	32.6	32.8	49.2#	
54	38.4	40.6	60.8#	

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

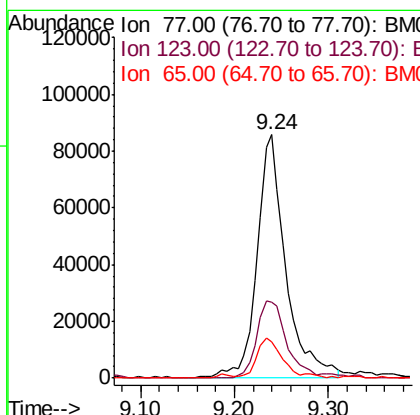
Manual Integrations
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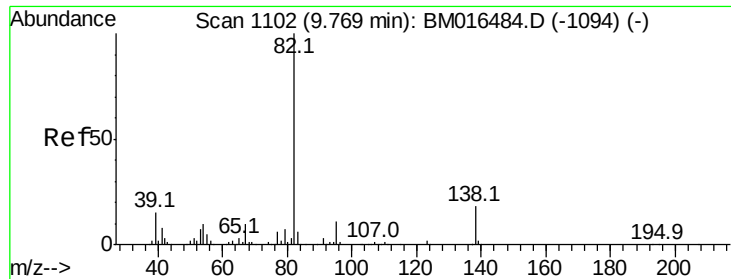
Sohil
8/27/2018 5:01:03 PM



#24
Nitrobenzene
Concen: 22.903 ng
RT: 9.24 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	181928		
123	31.4	32.6	49.0#	
65	15.0	10.9	16.3	





#25

Isophorone

Concen: 27.399 ng

RT: 9.75 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

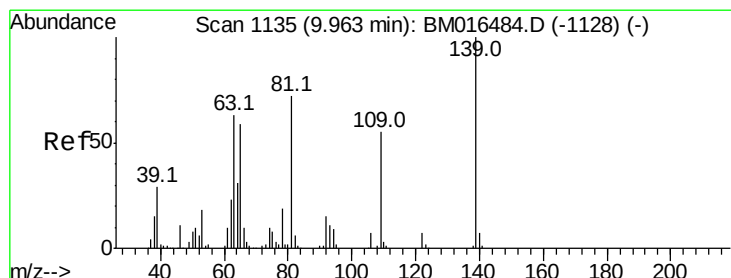
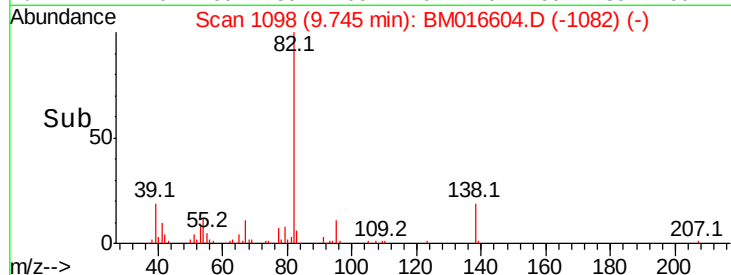
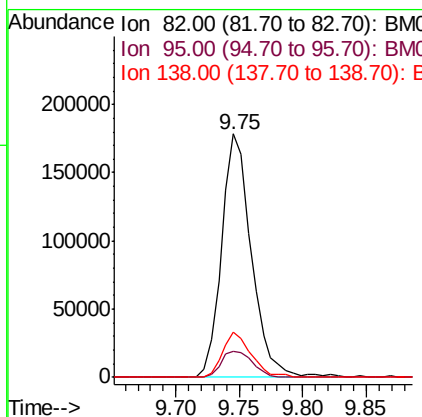
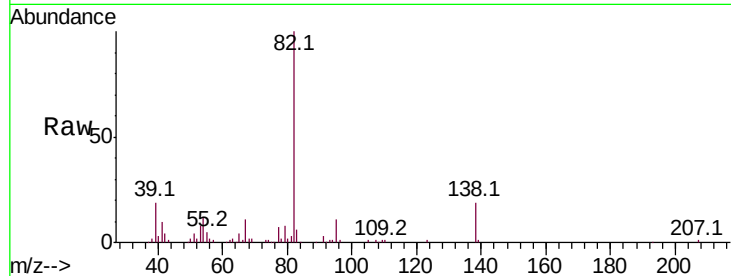
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	82	Resp:	291125
Ion Ratio	Lower	Upper	
82	100		
95	10.5	5.8	8.6#
138	18.7	16.3	24.5

Manual Integrations
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8/27/2018 5:01:03 PM



#26

2-Nitrophenol

Concen: 21.052 ng m

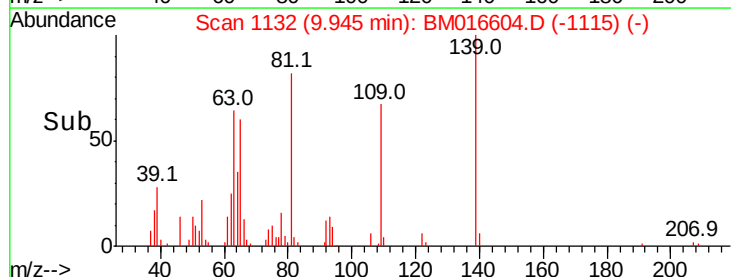
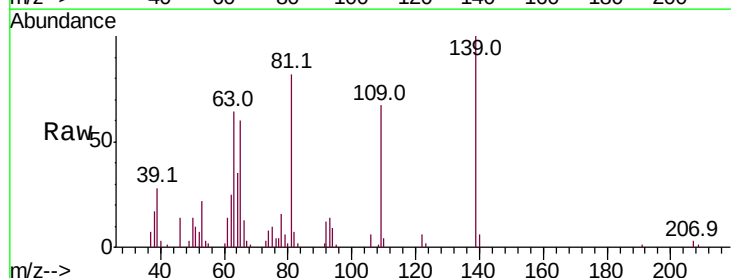
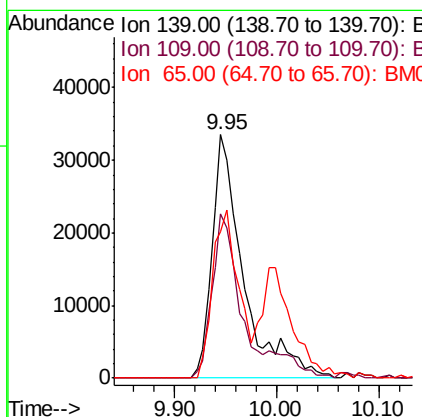
RT: 9.95 min Scan# 1132

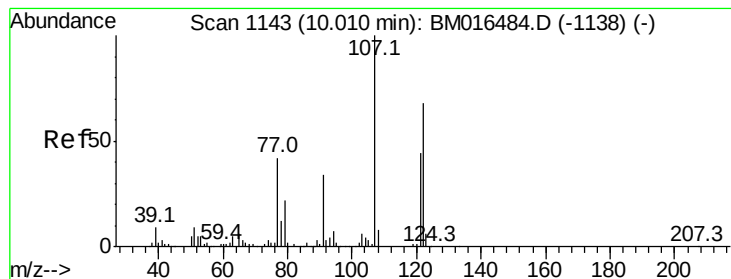
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	139	Resp:	71490
Ion Ratio	Lower	Upper	
139	100		
109	67.3	20.1	30.1#
65	60.0	31.5	47.3#





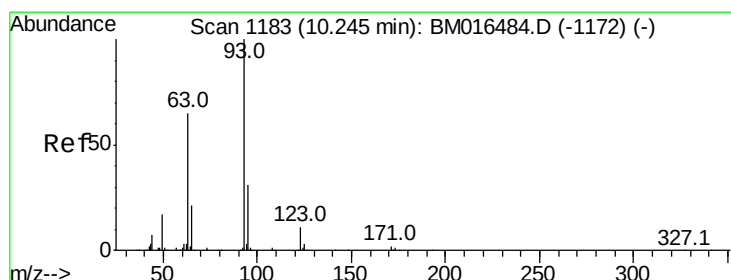
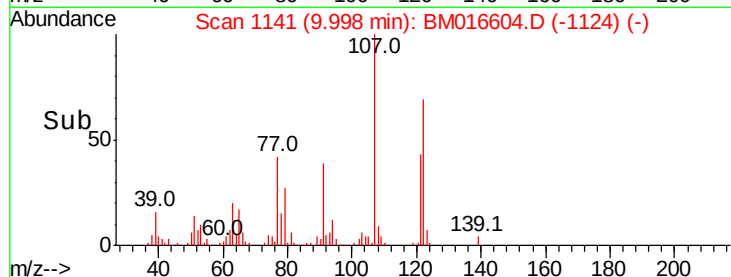
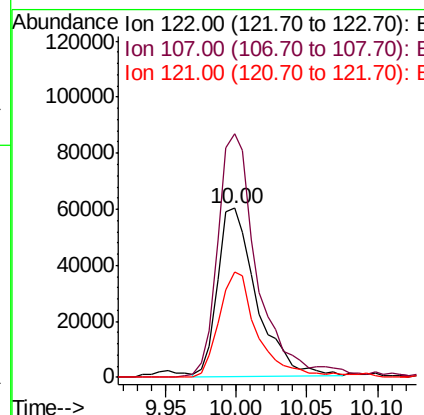
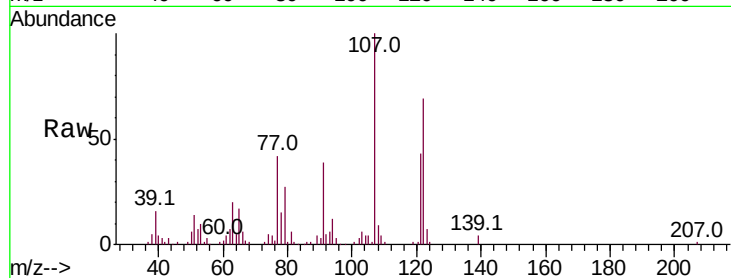
#27
 2,4-Dimethylphenol
 Concen: 26.049 ng
 RT: 10.00 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampled :
 EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	115282		
107	144.0	84.7	127.1#	
121	62.3	46.6	69.8	

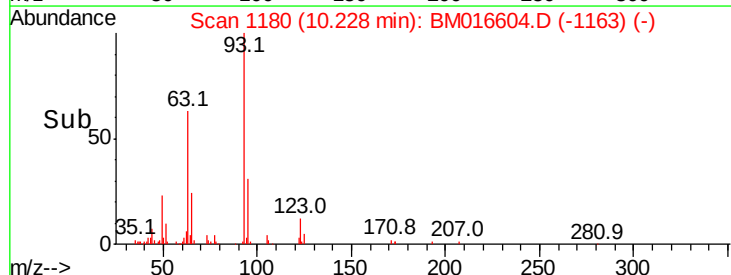
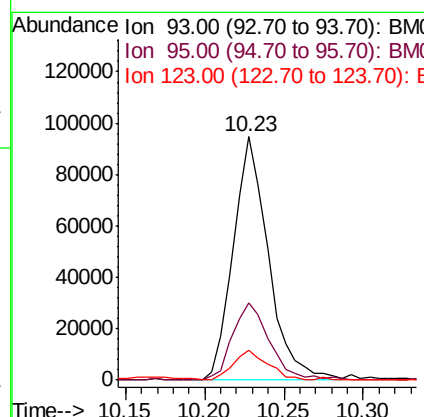
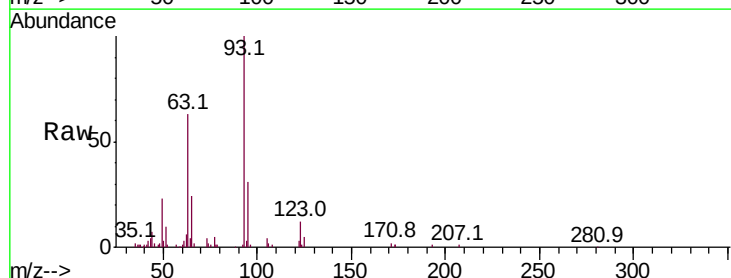
Manual Integrations
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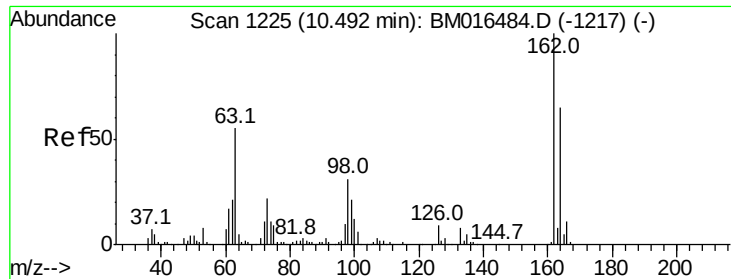
Sohil
 8/27/2018 5:01:03 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 23.102 ng
 RT: 10.23 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	146530		
95	31.5	25.5	38.3	
123	12.0	8.6	13.0	





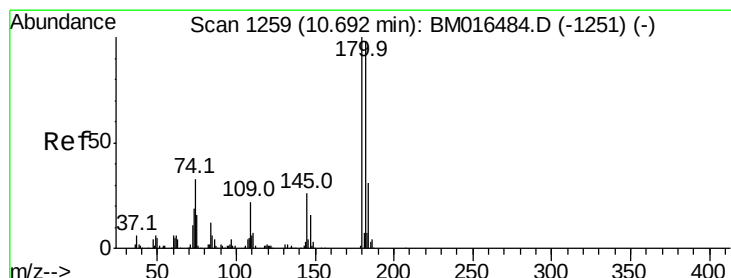
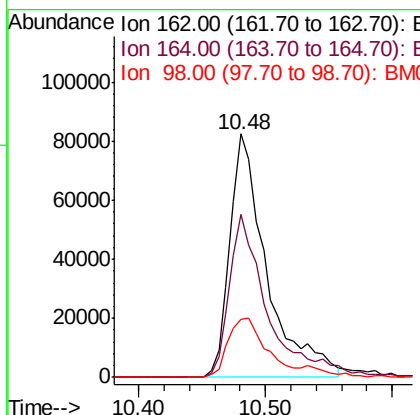
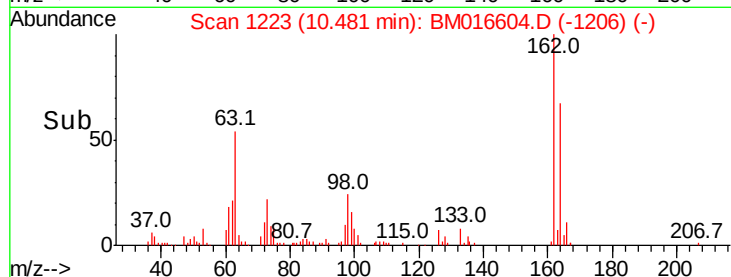
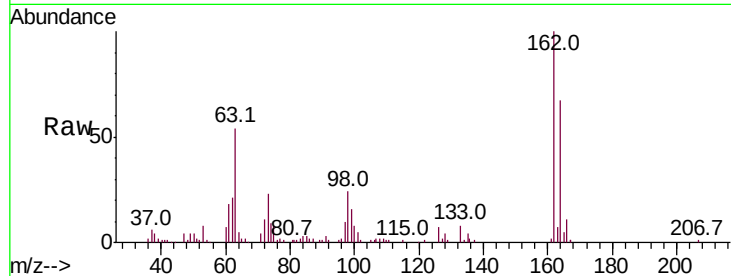
#29
 2,4-Dichlorophenol
 Concen: 25.129 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampled :
 EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	166441		
164	67.0	42.8	82.8	
98	23.7	14.5	54.5	

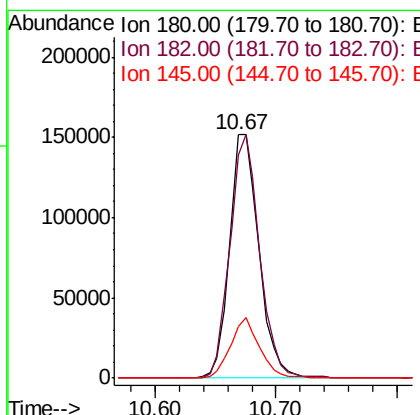
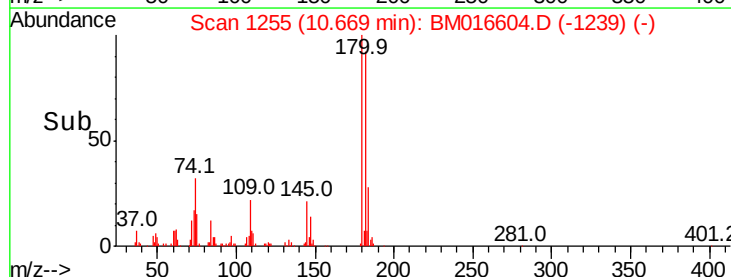
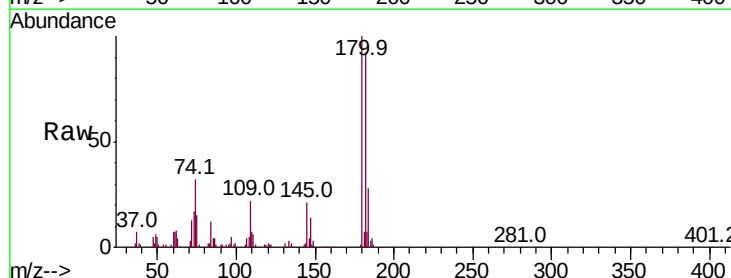
Manual Integrations
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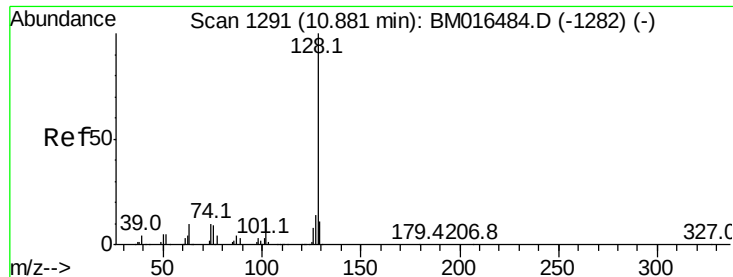
Sohil
 8/27/2018 5:01:03 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 25.704 ng
 RT: 10.67 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	258333		
182	91.7	77.6	116.4	
145	21.4	23.4	35.2#	





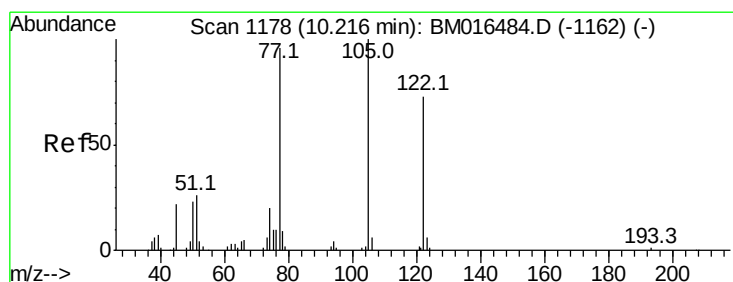
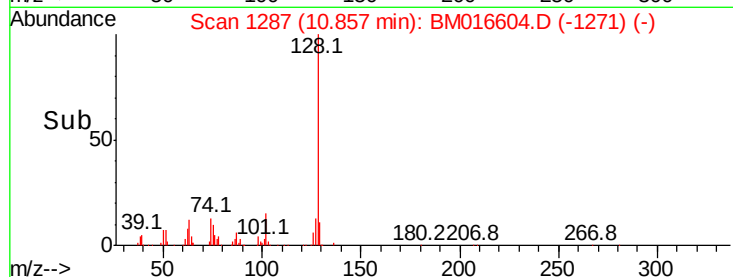
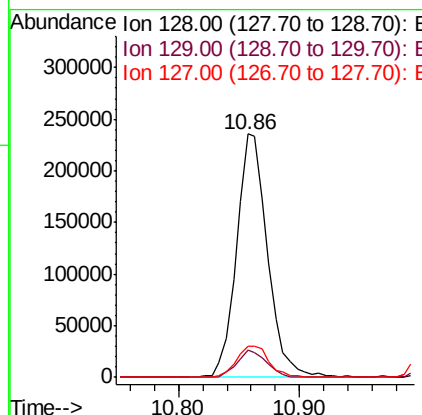
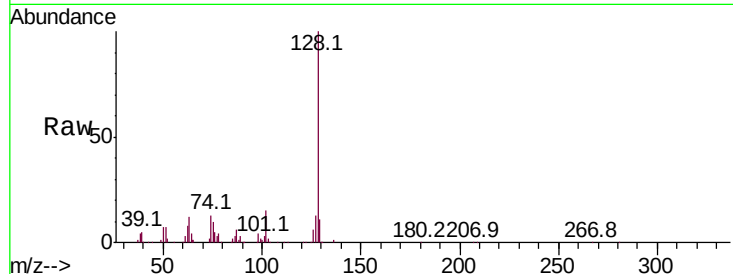
#31
Naphthalene
Concen: 24.336 ng
RT: 10.86 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.1	8.9	13.3	
127	12.7	10.4	15.6	

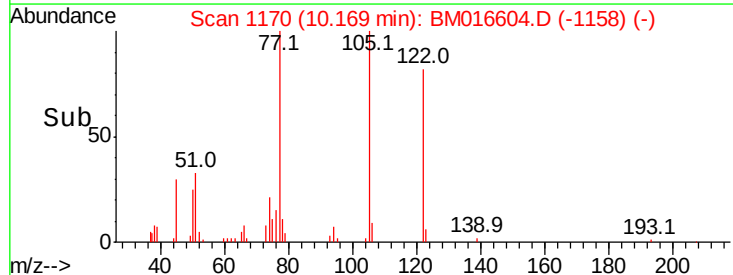
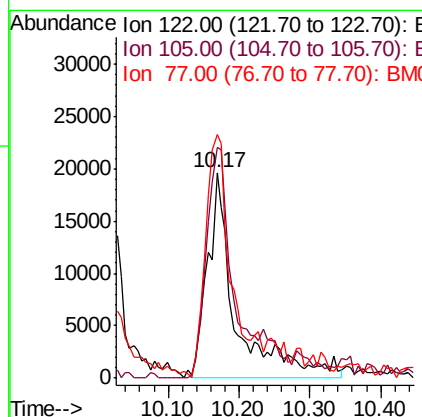
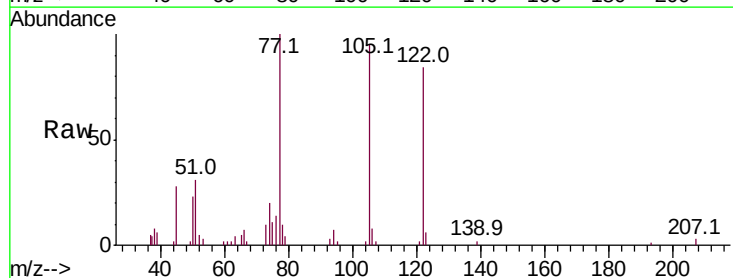
Manual Integrations
APPROVED

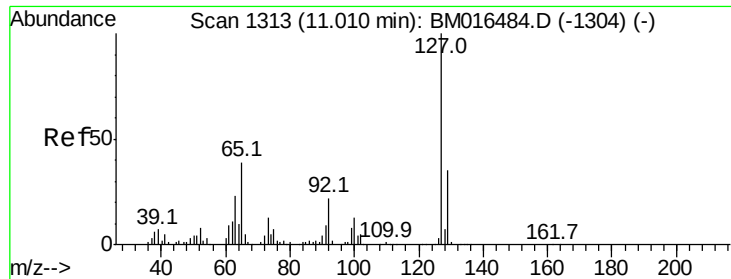
Sohil
8/27/2018 5:01:03 PM



#32
Benzoic acid
Concen: 14.783 ng m
RT: 10.17 min Scan# 1170
Delta R.T. -0.03 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	111.9	99.9	139.9	
77	118.4	73.7	113.7#	





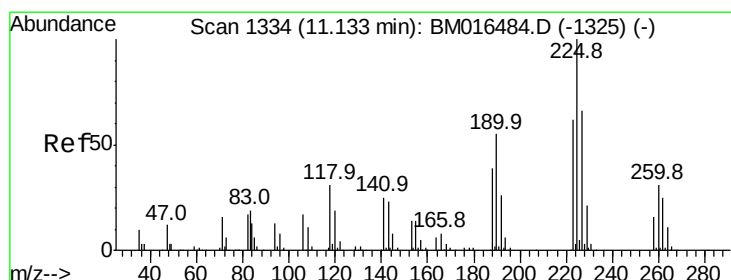
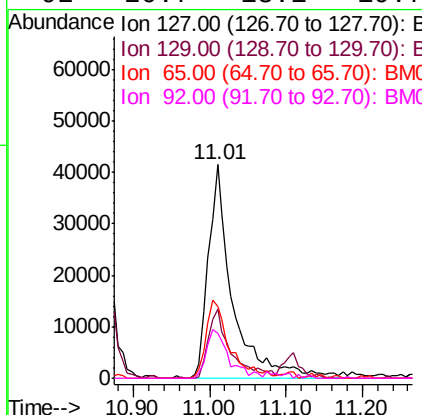
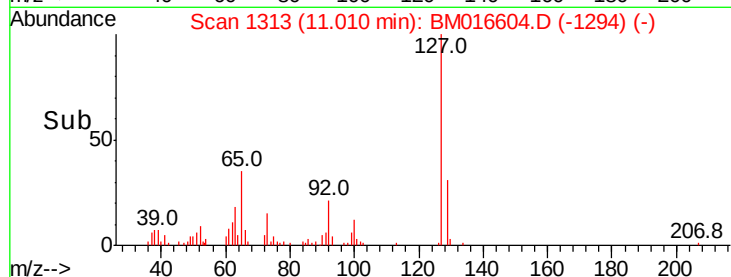
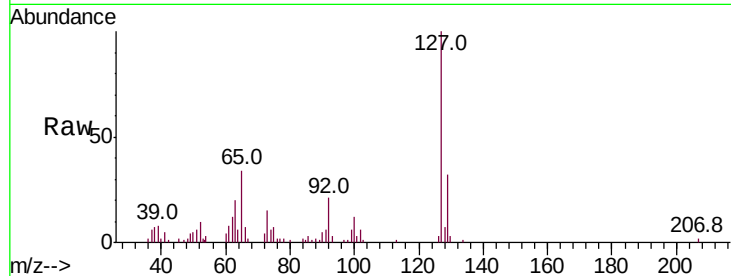
#33
4-Chloroaniline
Concen: 12.409 ng/mL
RT: 11.01 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.3	37.9
65	33.7	17.6	26.4
92	20.7	13.1	19.7

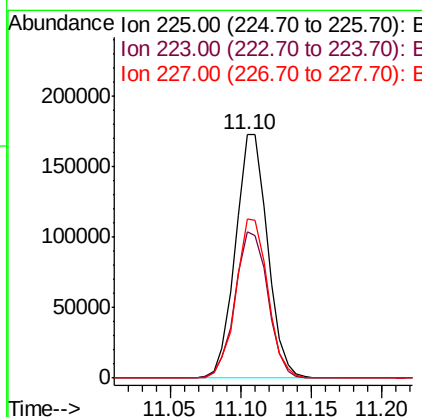
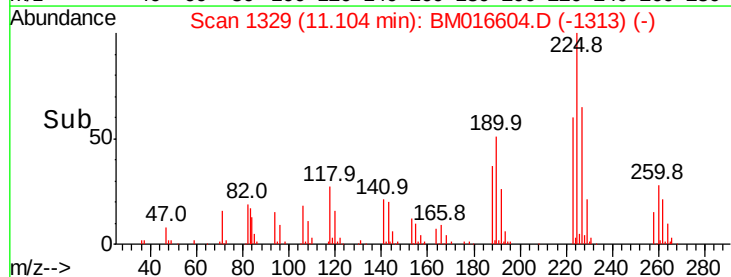
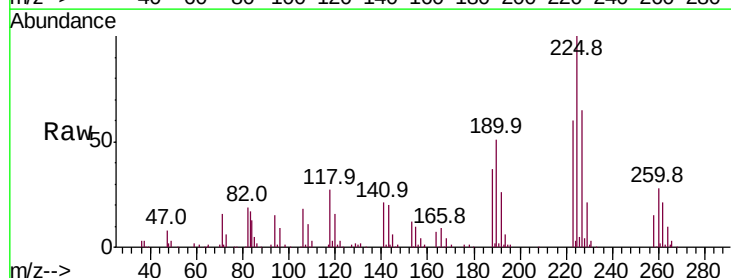
Manual Integrations
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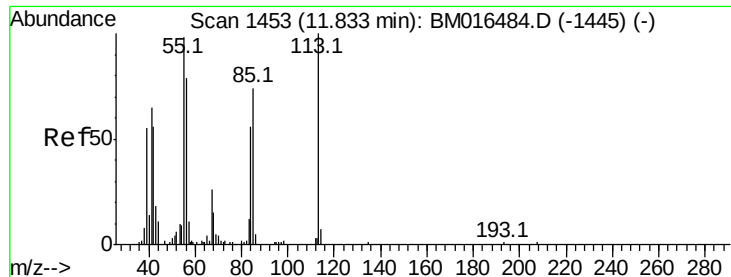
Sohil
8/27/2018 5:01:03 PM



#34
Hexachlorobutadiene
Concen: 28.596 ng/mL
RT: 11.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	47.9	71.9
227	65.3	50.1	75.1





#35

Caprolactam

Concen: 22.841 ng/mL

RT: 11.81 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

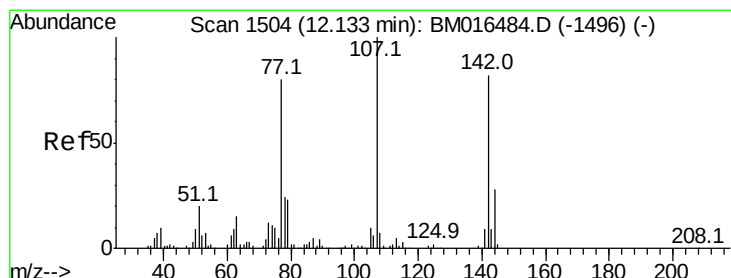
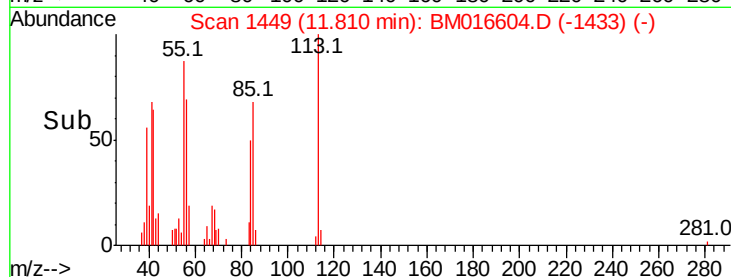
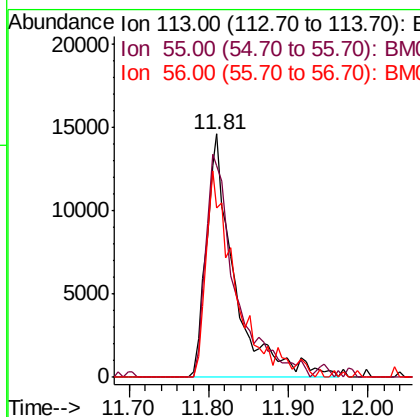
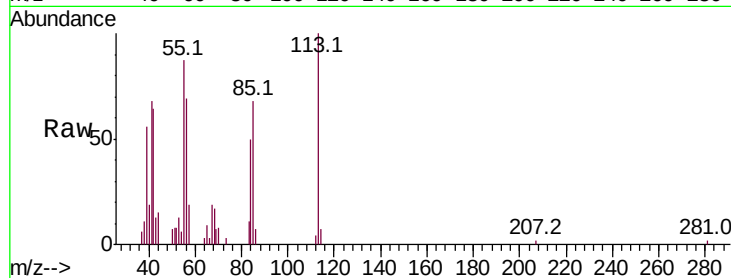
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:113	Resp:	36301
Ion Ratio	Lower	Upper
113	100	
55	86.8	145.9
56	69.5	101.0

Manual Integrations
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8/27/2018 5:01:03 PM



#36

4-Chloro-3-methylphenol

Concen: 22.032 ng/mL

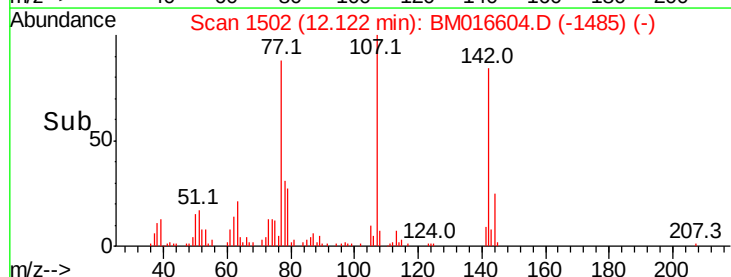
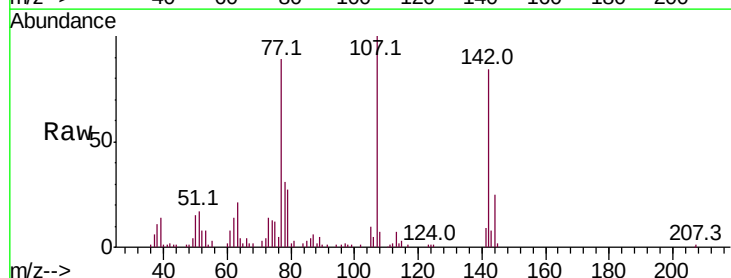
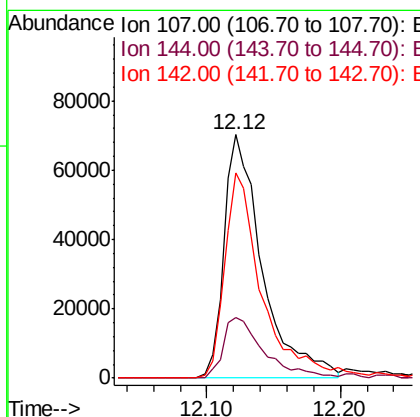
RT: 12.12 min Scan# 1502

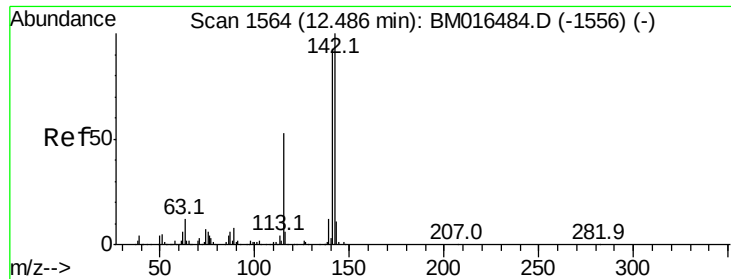
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:107	Resp:	140288
Ion Ratio	Lower	Upper
107	100	
144	24.7	23.3
142	84.4	72.6





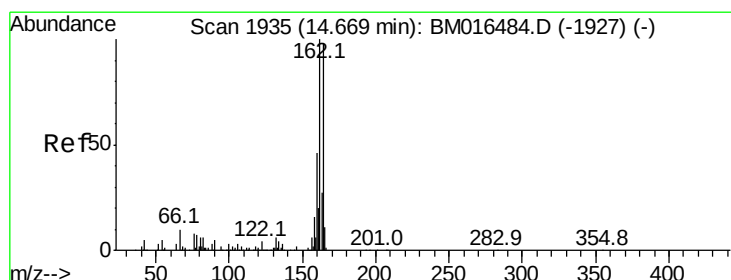
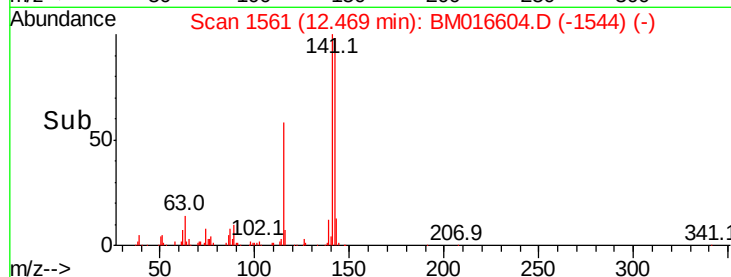
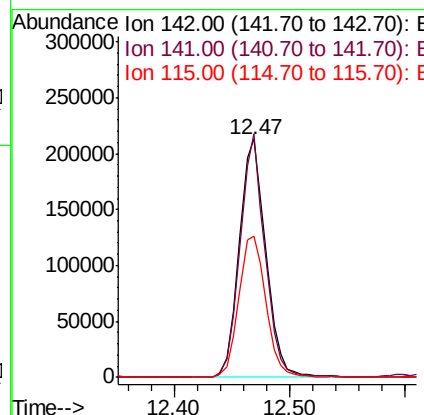
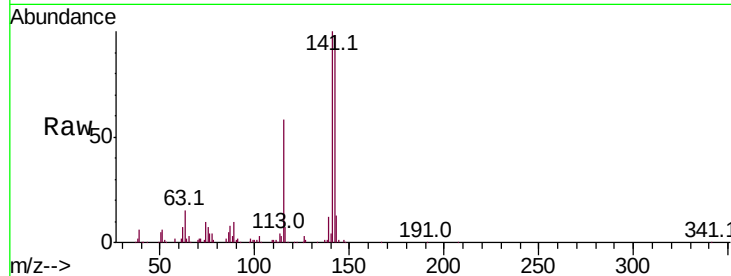
#37
2-Methylnaphthalene
Concen: 25.023 ng
RT: 12.47 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	338791		
141	102.2	71.9	107.9	
115	59.3	25.4	38.0	

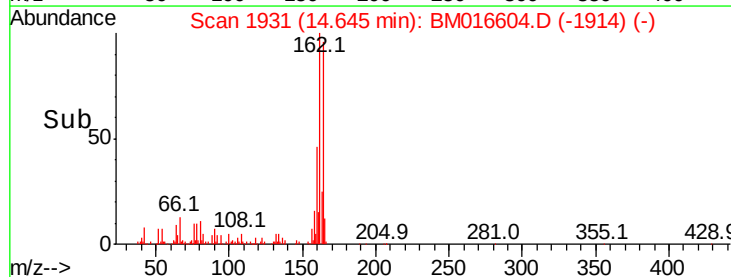
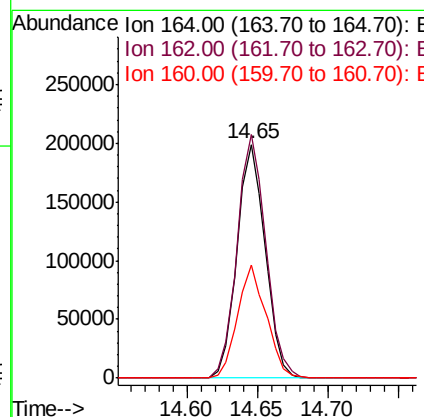
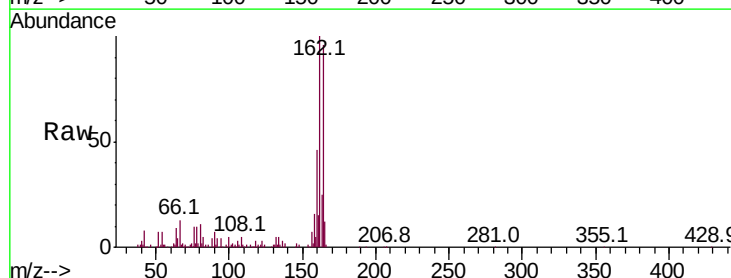
Manual Integrations
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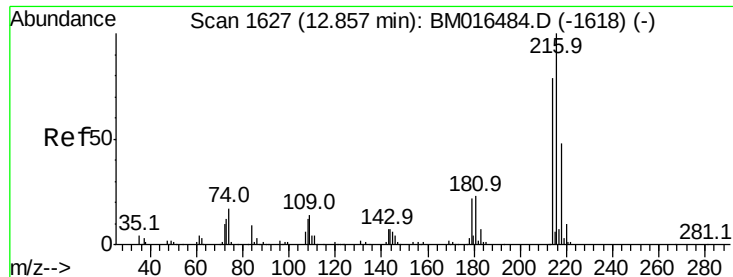
Sohil
8/27/2018 5:01:03 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	276381		
162	104.1	82.4	123.6	
160	48.3	35.8	53.6	





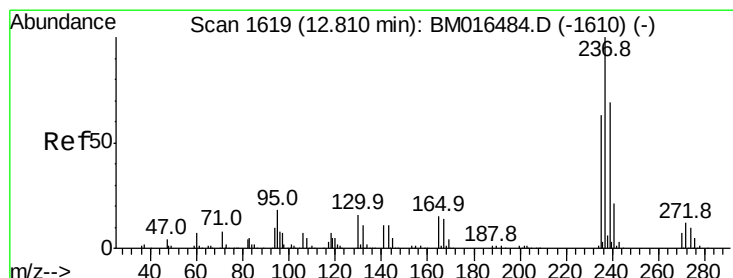
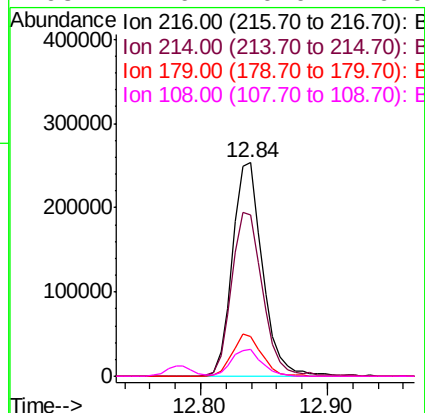
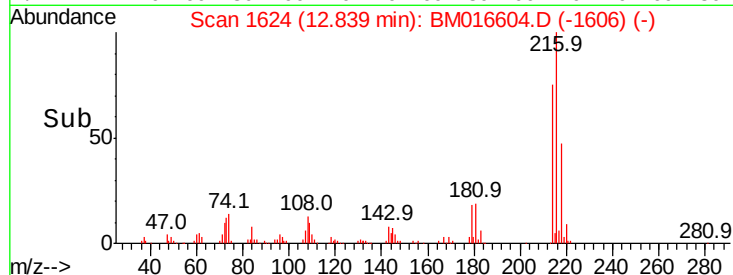
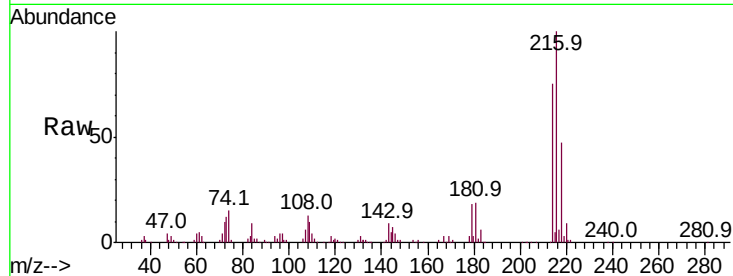
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 26.627 ng
 RT: 12.84 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	0.0	0.0	0.0
179	19.2	0.0	0.0	0.0
108	12.6	0.0	0.0	0.0

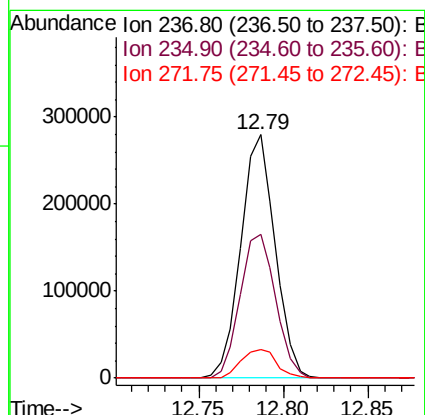
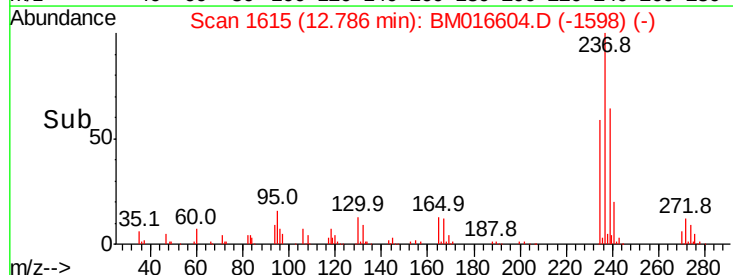
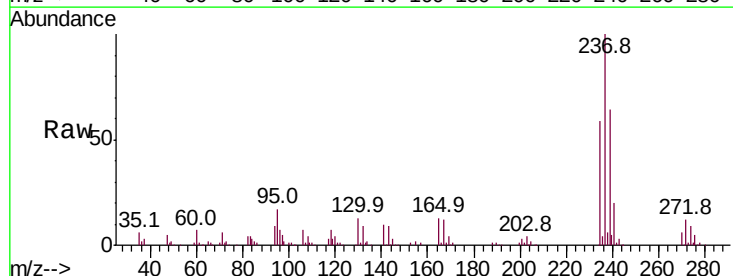
Manual Integrations
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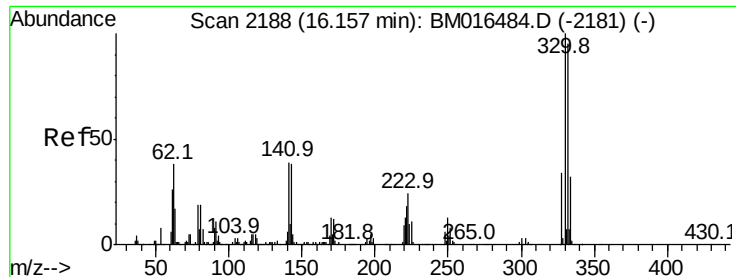
Sohil
 8/27/2018 5:01:03 PM



#40
 Hexachlorocyclopentadiene
 Concen: 61.619 ng
 RT: 12.79 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	58.9	42.0	82.0	
272	11.8	0.0	33.4	





#41

2,4,6-Tribromophenol

Concen: 91.141 ng

RT: 16.14 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

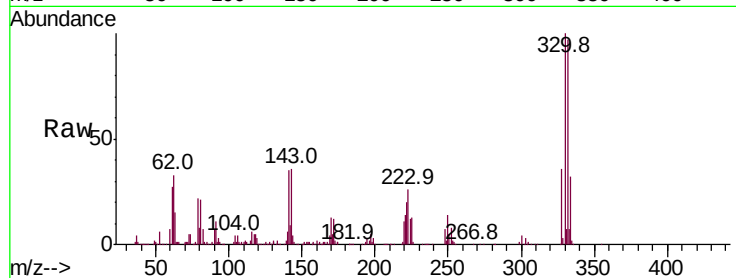
ClientSampleId :

EP1-Q4-A7MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	36.3	0.0	0.0#

Manual Integrations
APPROVED

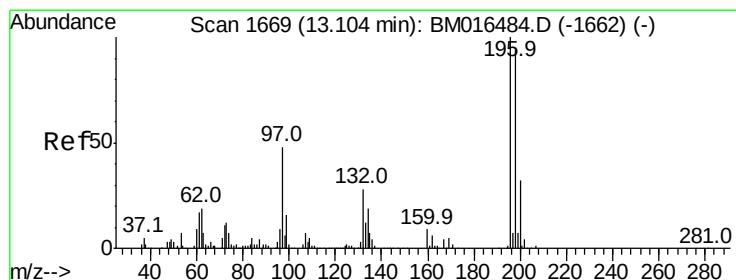
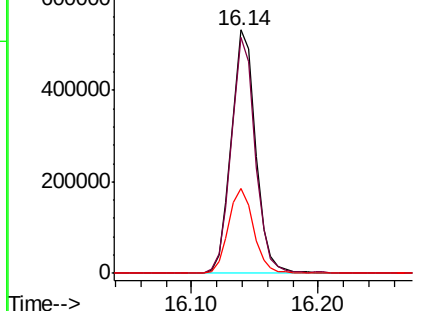
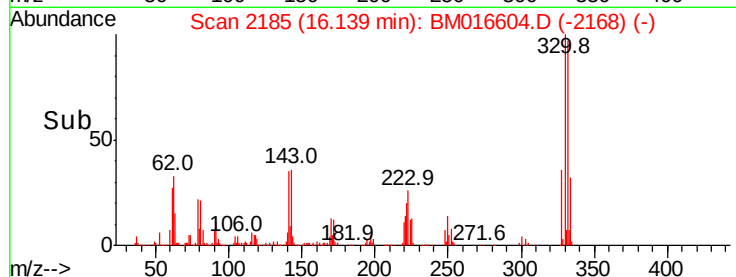
Sohil
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 25.855 ng

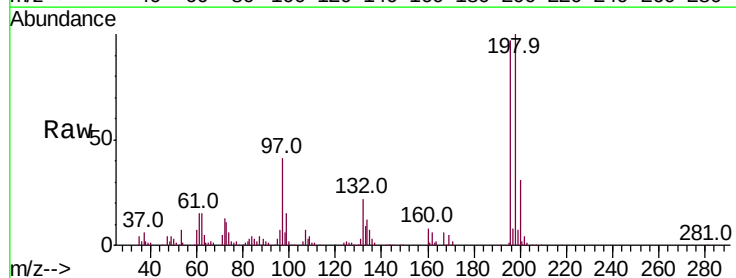
RT: 13.09 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

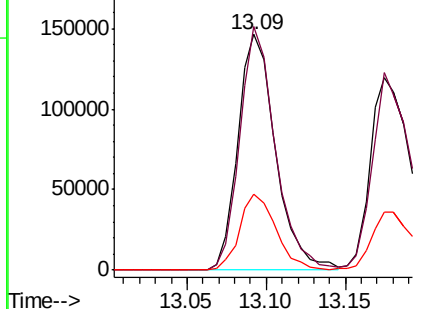
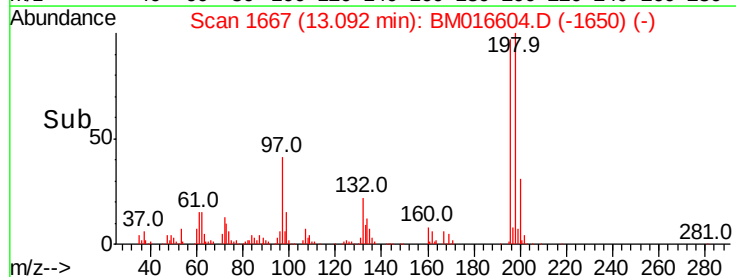
Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	103.4	76.3	114.5
200	32.4	25.6	38.4

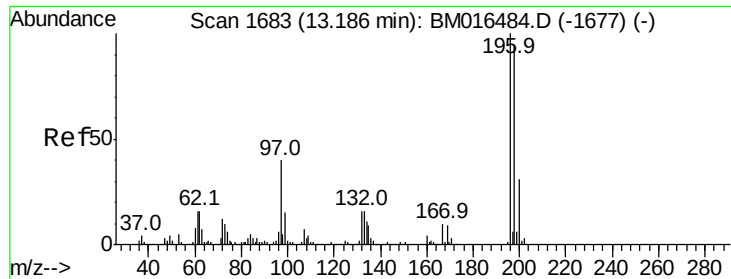


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





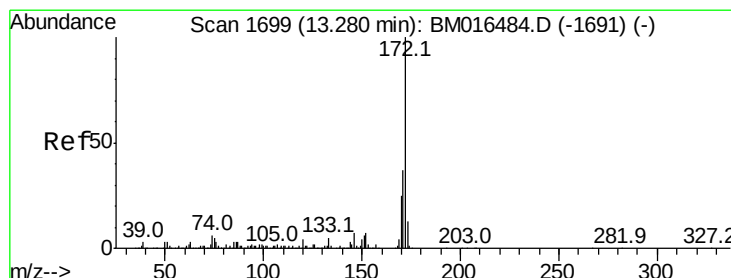
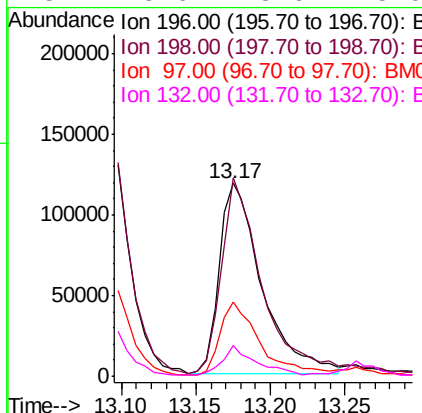
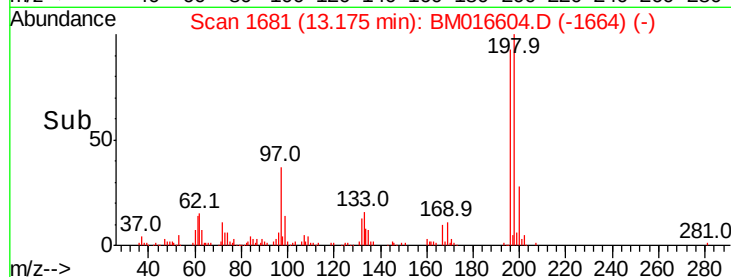
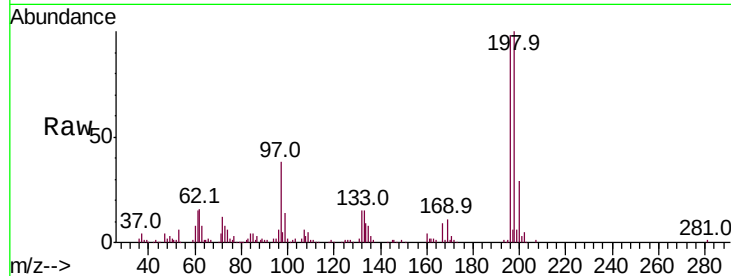
#43
 2,4,5-Trichlorophenol
 Concen: 25.693 ng
 RT: 13.17 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.4	79.4	119.0	
97	38.7	26.8	40.2	
132	15.6	18.6	28.0	

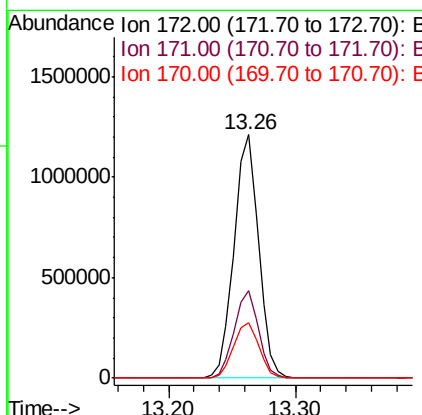
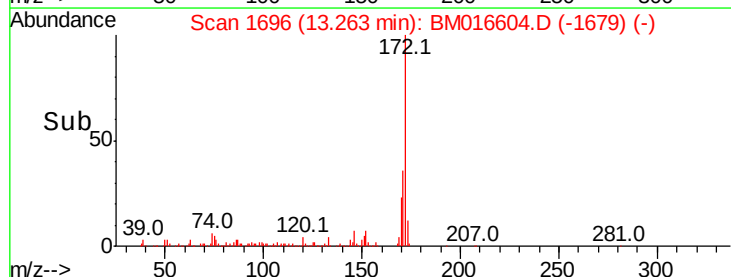
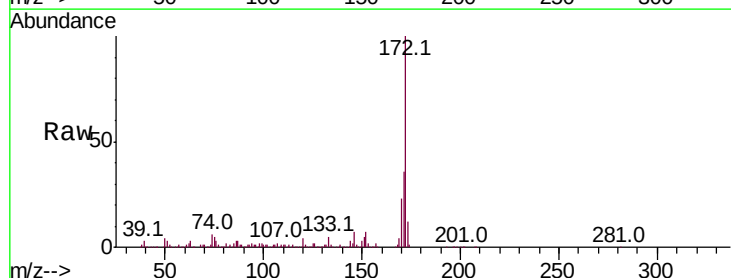
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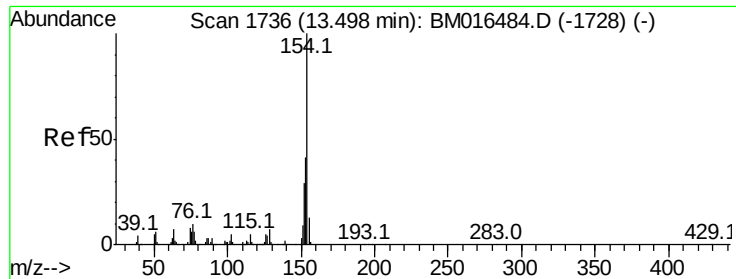
Sohil
 8/27/2018 5:01:03 PM



#44
 2-Fluorobiphenyl
 Concen: 56.251 ng
 RT: 13.26 min Scan# 1696
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.9	28.5	42.7	
170	22.7	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 20.295 ng

RT: 13.47 min Scan# 1732

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

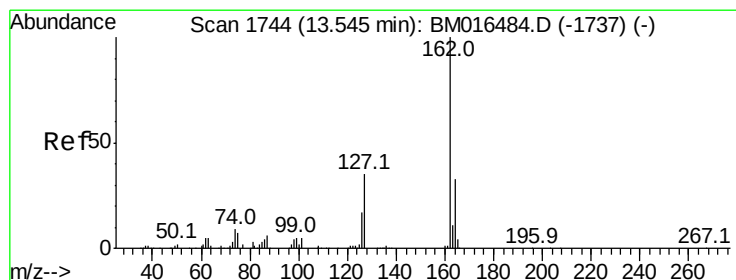
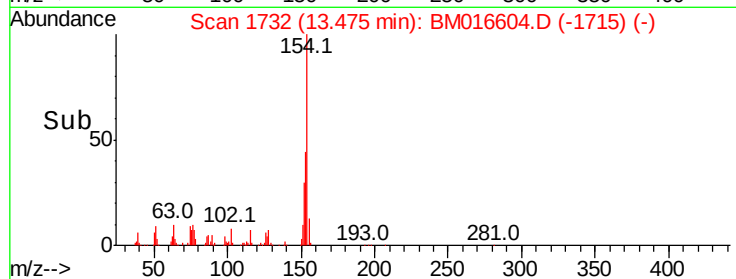
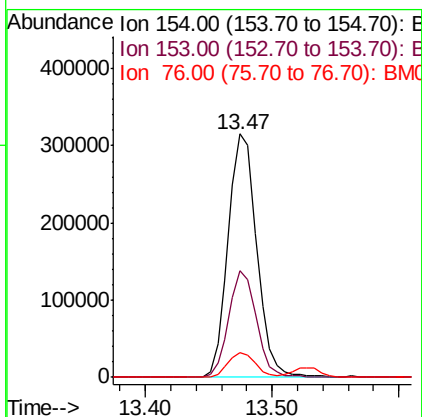
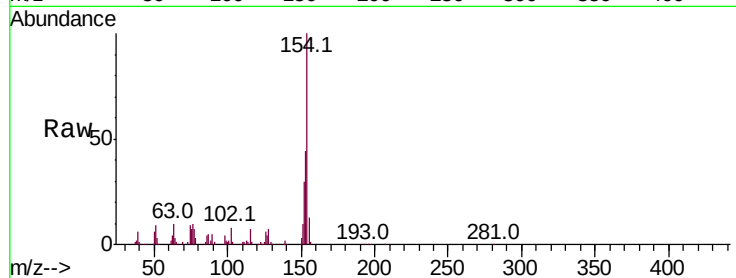
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	154	Resp:	491849
Ion Ratio	Lower	Upper	
154	100		
153	44.0	20.7	60.7
76	10.4	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 20.483 ng

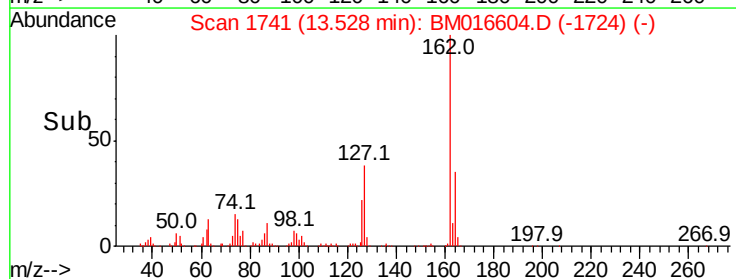
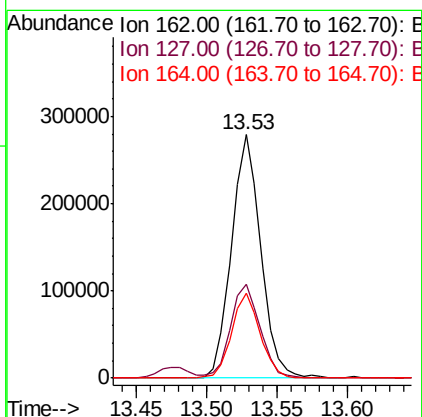
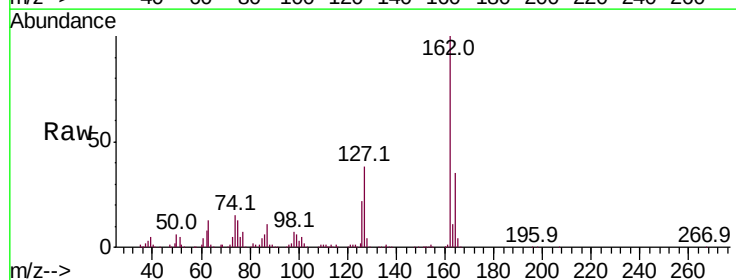
RT: 13.53 min Scan# 1741

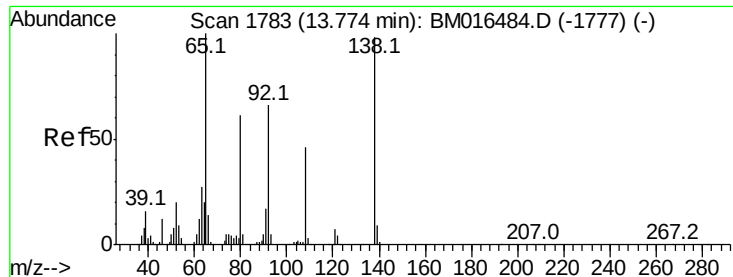
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	162	Resp:	403282
Ion Ratio	Lower	Upper	
162	100		
127	38.3	26.9	40.3
164	34.8	26.8	40.2





#47

2-Nitroaniline

Concen: 20.243 ng

RT: 13.76 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

ClientSampleId :

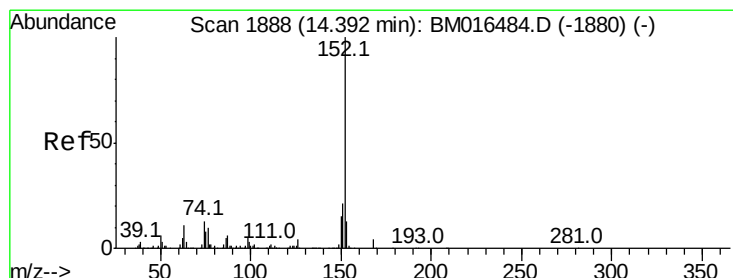
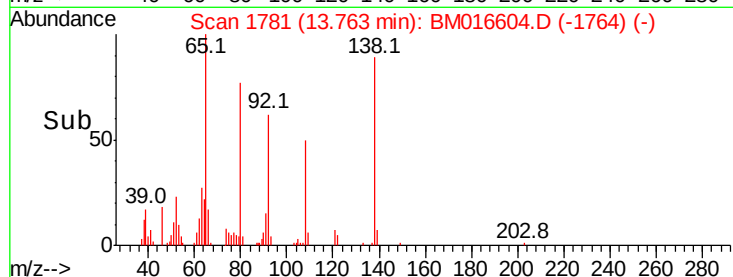
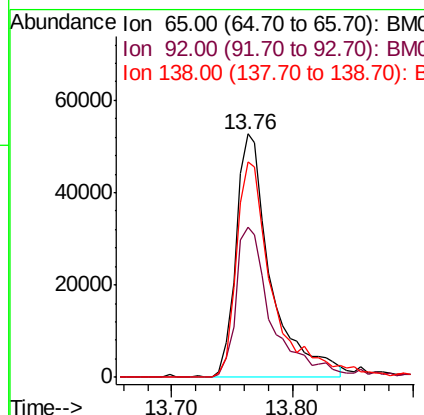
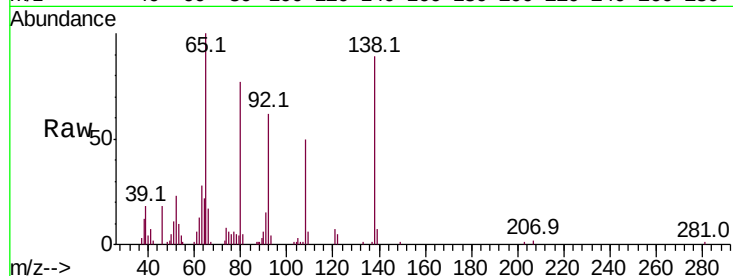
EP1-Q4-A7MS

Tot Ion: 65 Resp: 106157
Ion Ratio Lower Upper

65	100		
92	61.7	59.1	88.7
138	88.6	93.9	140.9

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#48

Acenaphthylene

Concen: 21.406 ng

RT: 14.37 min Scan# 1885

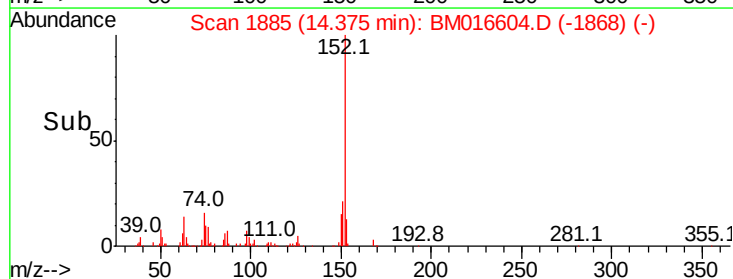
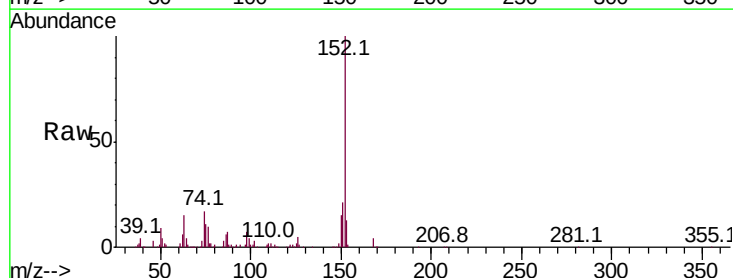
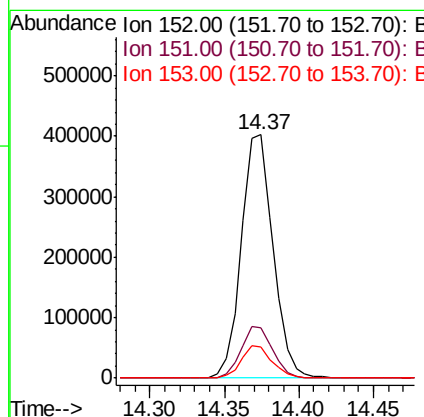
Delta R.T. 0.00 min

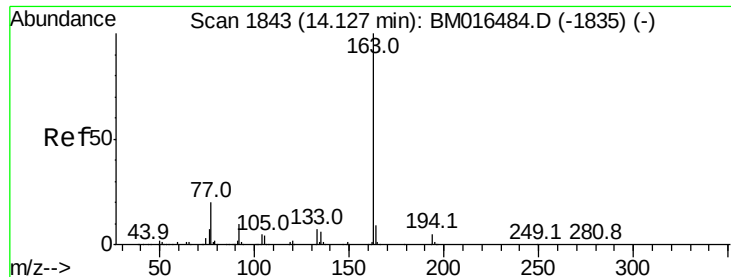
Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion: 152 Resp: 594908
Ion Ratio Lower Upper

152	100		
151	20.7	15.9	23.9
153	12.9	10.6	16.0





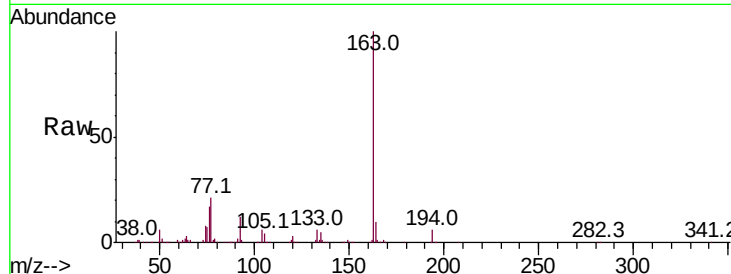
#49
Dimethylphthalate
Concen: 31.689 ng
RT: 14.11 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	841435		
194	5.9	2.7	4.1#	
164	10.1	8.2	12.2	

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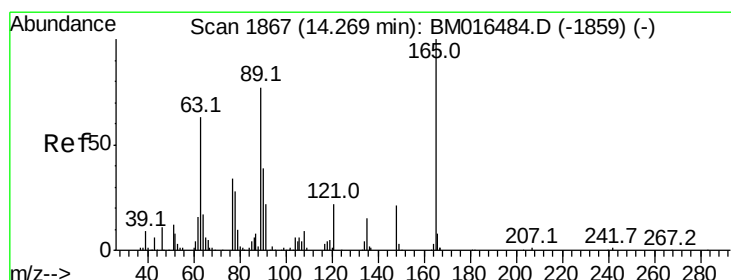
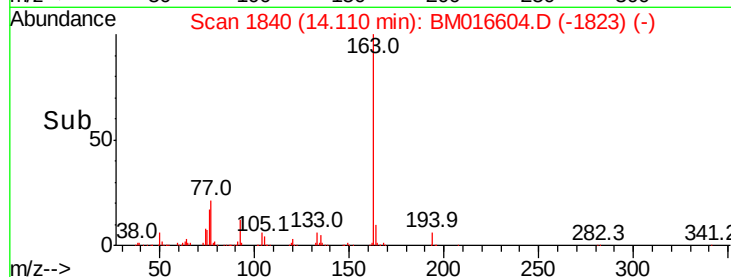
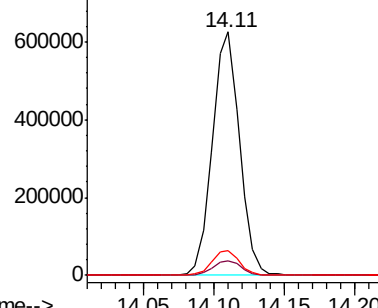


Abundance

Ion 163.00 (162.70 to 163.70): E

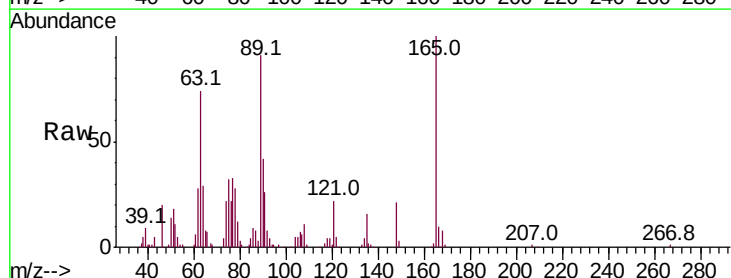
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 21.993 ng
RT: 14.25 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	113903		
63	73.6	44.1	66.1#	
89	90.9	44.3	66.5#	

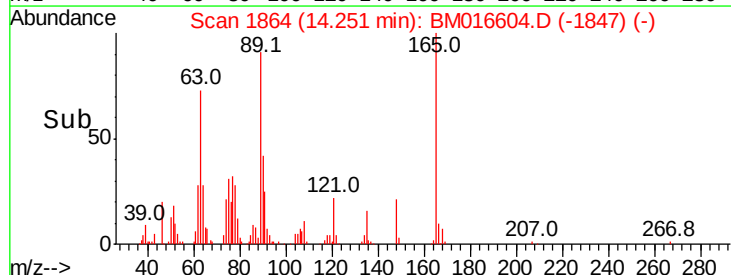
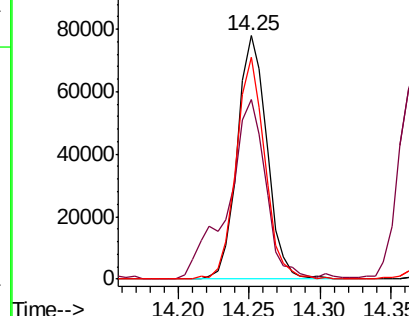


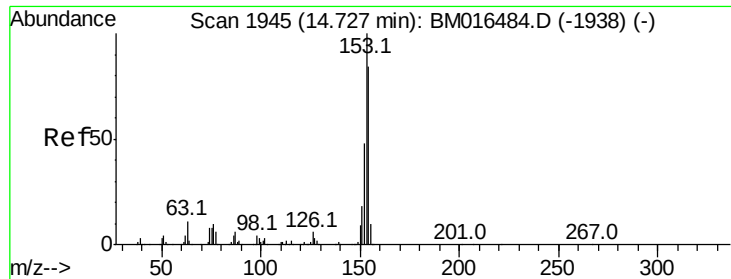
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 20.966 ng

RT: 14.71 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

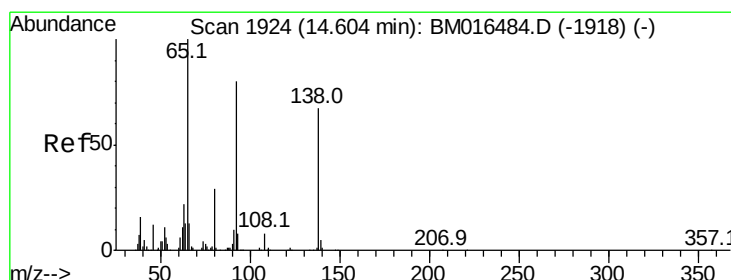
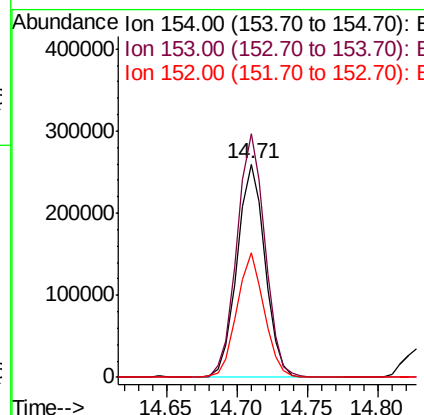
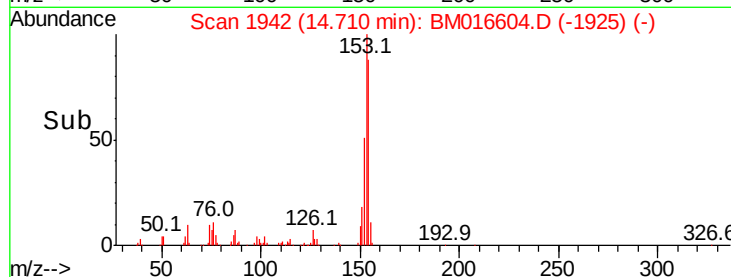
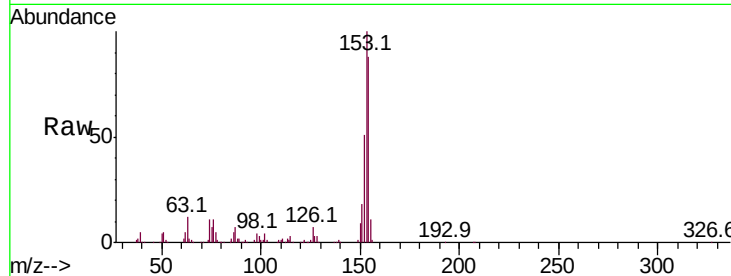
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	154	Resp:	357980
Ion Ratio	Lower	Upper	
154	100		
153	114.2	90.0	135.0
152	58.3	42.6	63.8

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#52

3-Nitroaniline

Concen: 12.778 ng

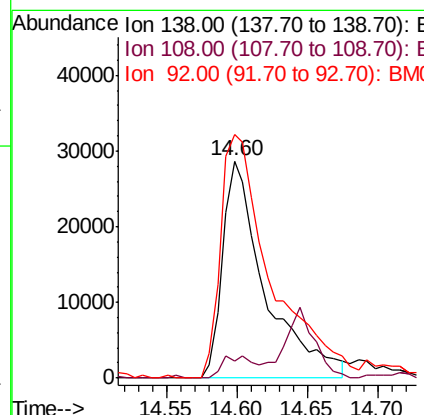
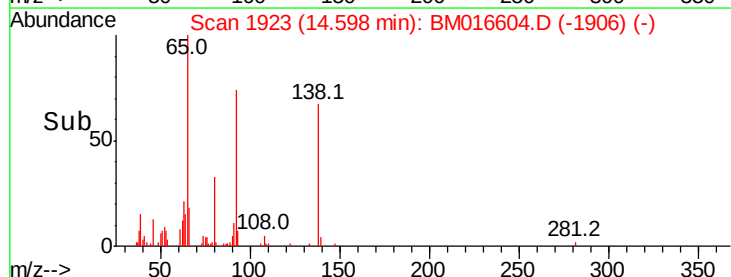
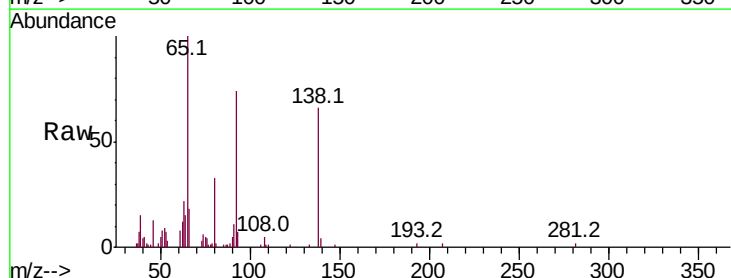
RT: 14.60 min Scan# 1923

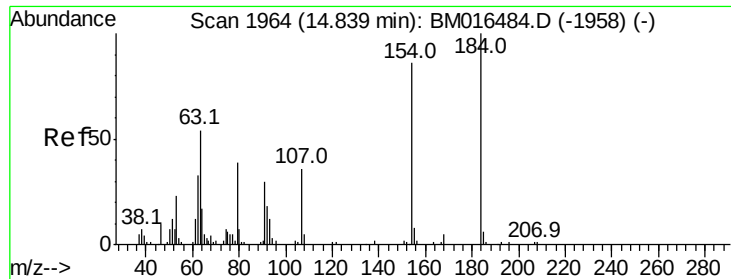
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	138	Resp:	60216
Ion Ratio	Lower	Upper	
138	100		
108	8.1	7.3	10.9
92	112.0	76.6	114.8





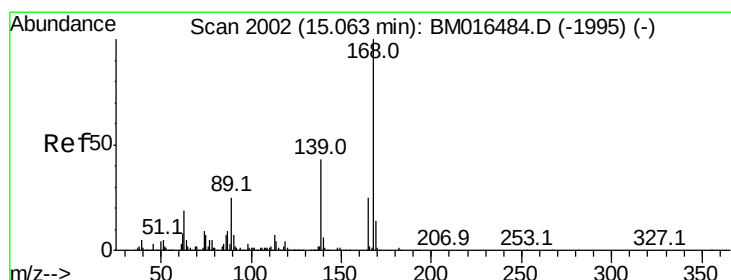
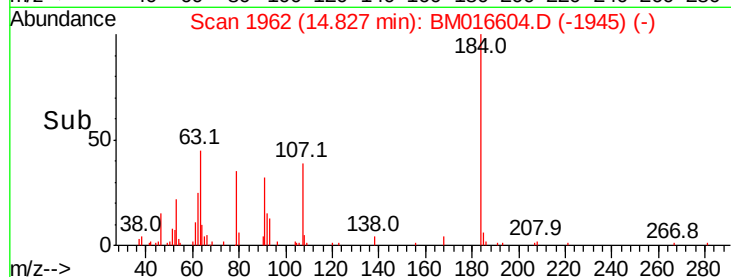
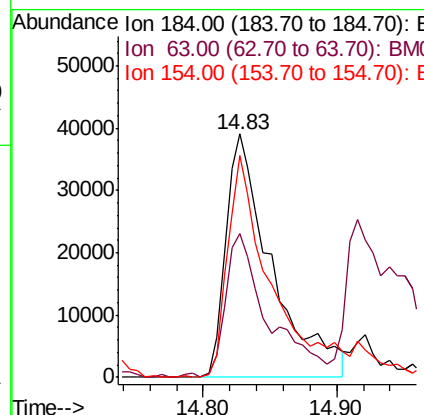
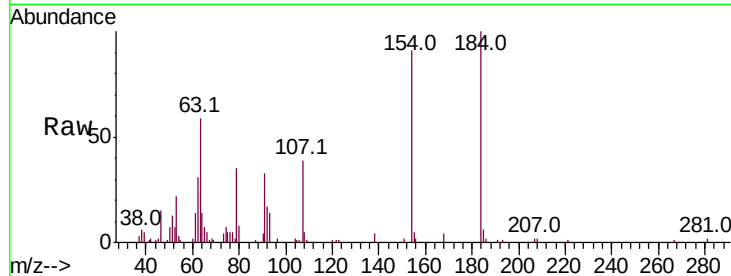
#53
2,4-Dinitrophenol
Concen: 35.934 ng
RT: 14.83 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.8	69.2	103.8#
154	91.0	53.3	79.9#

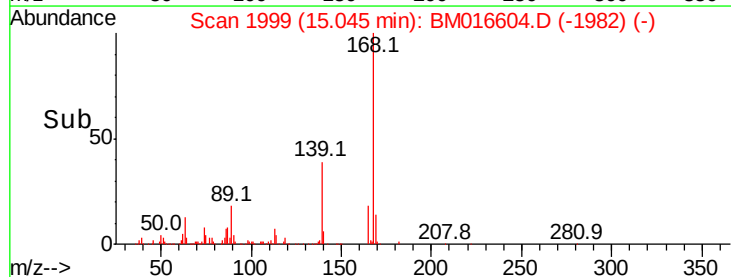
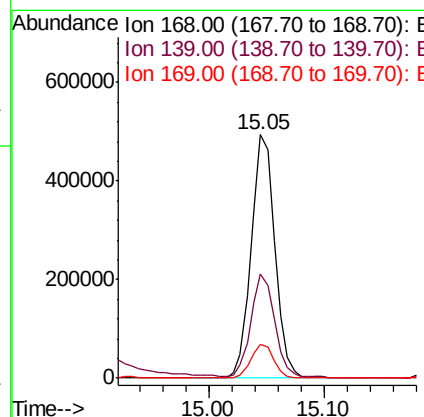
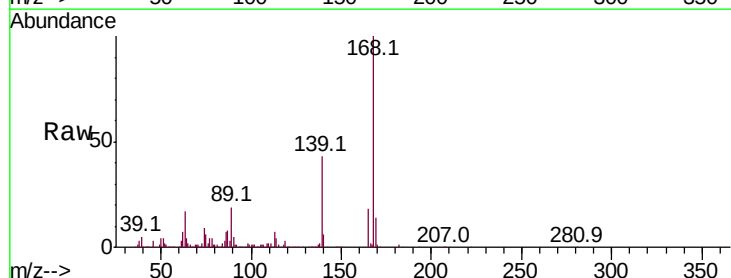
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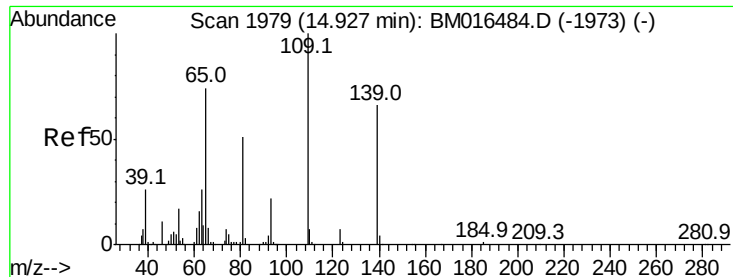
Sohil
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#54
Dibenzofuran
Concen: 21.652 ng
RT: 15.05 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
168	100		
139	42.5	27.3	40.9#
169	13.9	10.6	16.0





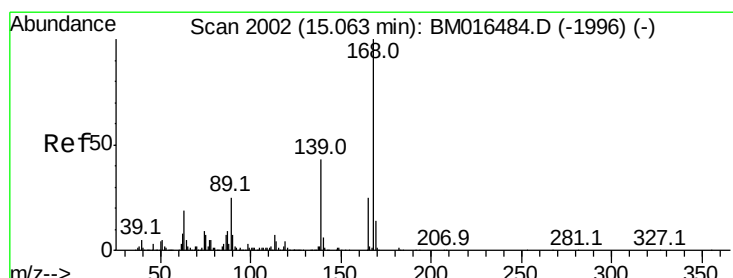
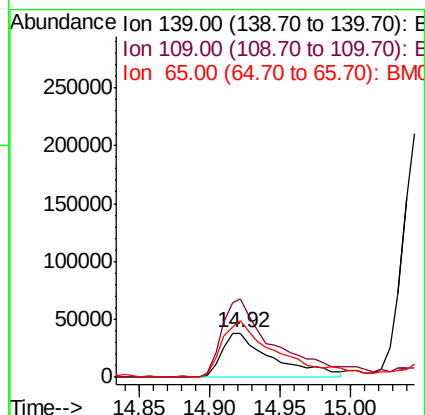
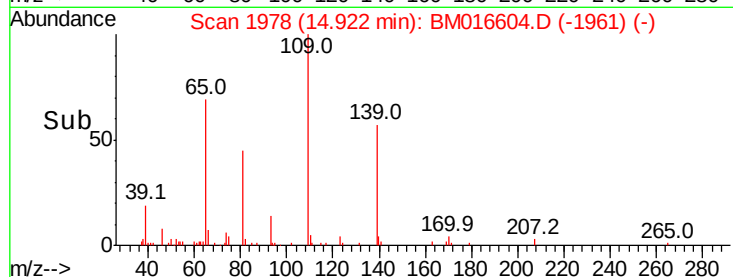
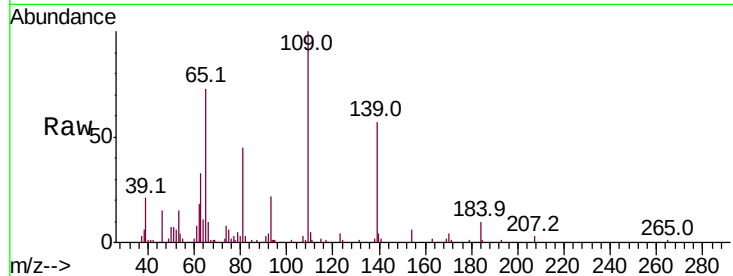
#55
4-Nitrophenol
Concen: 32.270 ng
RT: 14.92 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampled :
EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	176.5	130.0	170.0#
65	128.0	130.0	170.0#

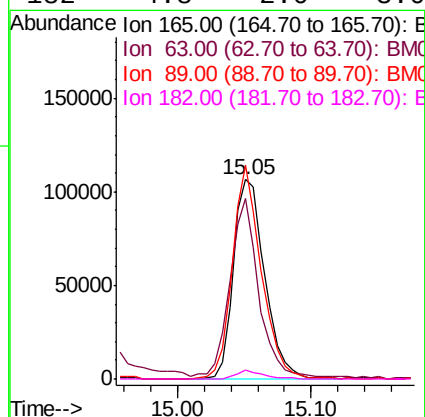
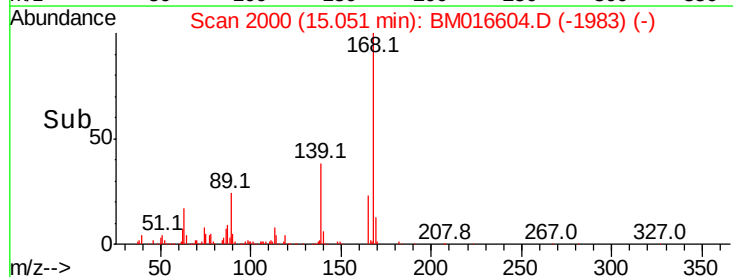
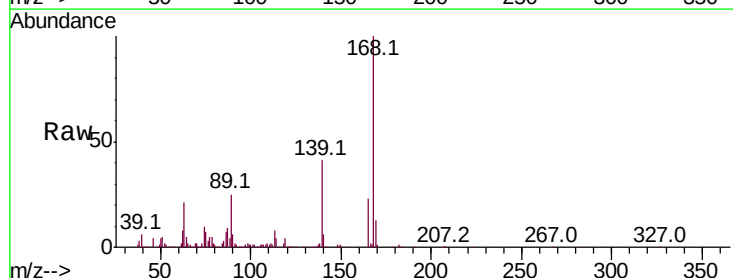
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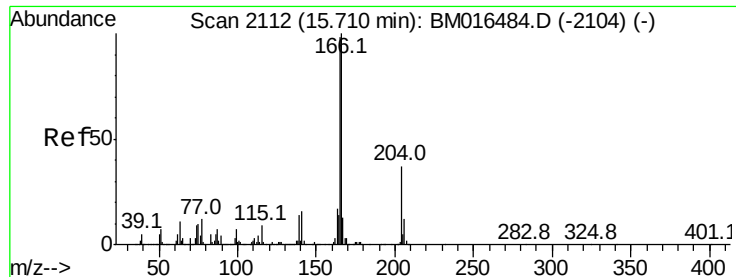
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#56
2,4-Dinitrotoluene
Concen: 20.063 ng
RT: 15.05 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
165	100		
63	90.3	52.4	78.6#
89	107.0	72.4	108.6
182	4.8	2.0	3.0#





#57

Fluorene

Concen: 22.693 ng

RT: 15.69 min Scan# 2109

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

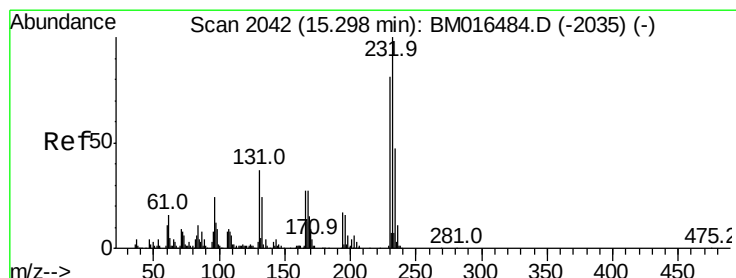
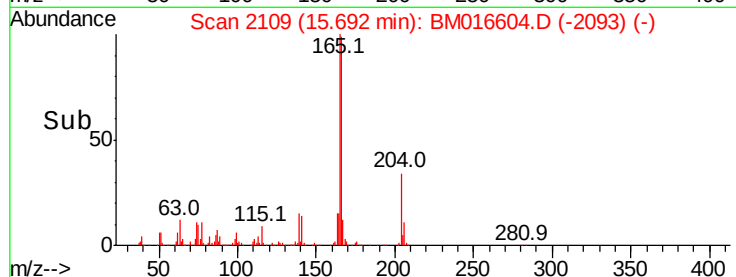
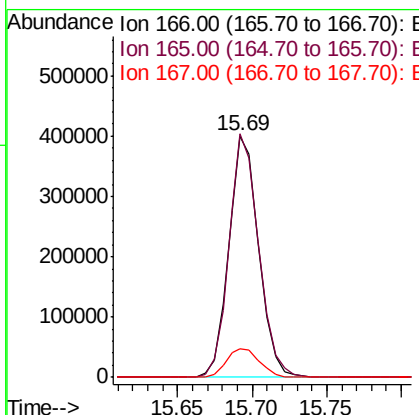
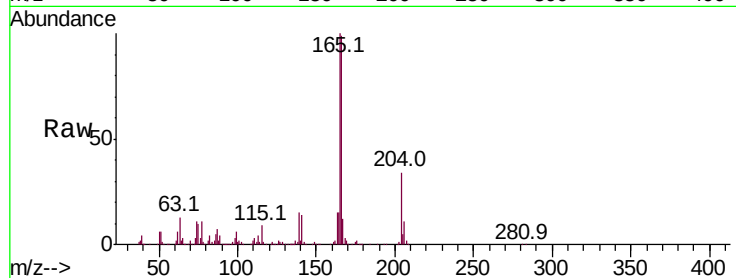
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	166	Resp:	560317
Ion Ratio	Lower	Upper	
166	100		
165	100.9	79.0	118.4
167	11.8	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 26.913 ng

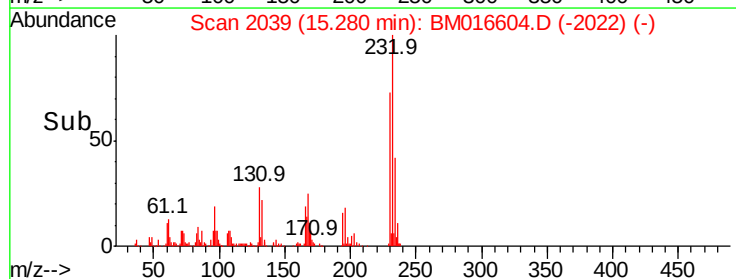
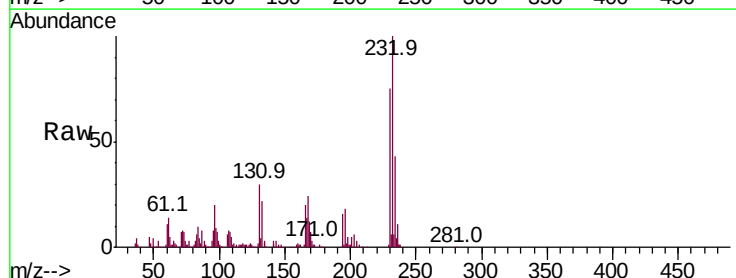
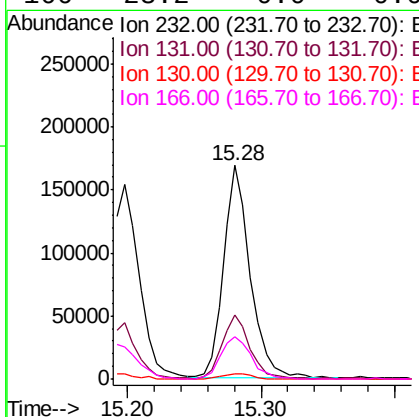
RT: 15.28 min Scan# 2039

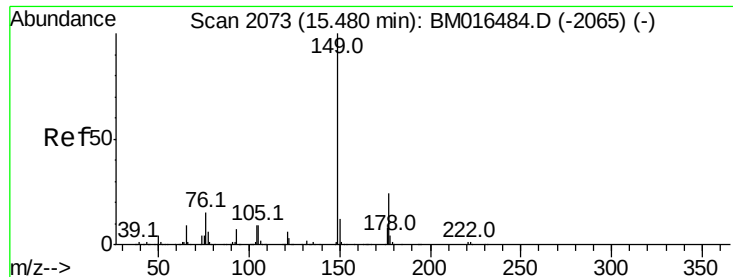
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	232	Resp:	235851
Ion Ratio	Lower	Upper	
232	100		
131	31.1	0.0	0.0#
130	2.8	0.0	0.0#
166	23.2	0.0	0.0#





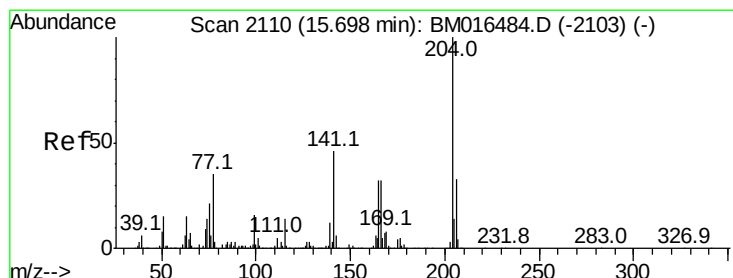
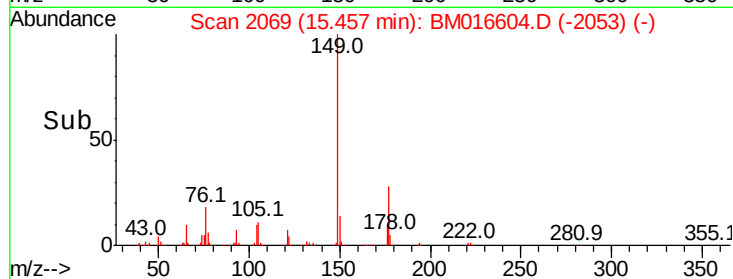
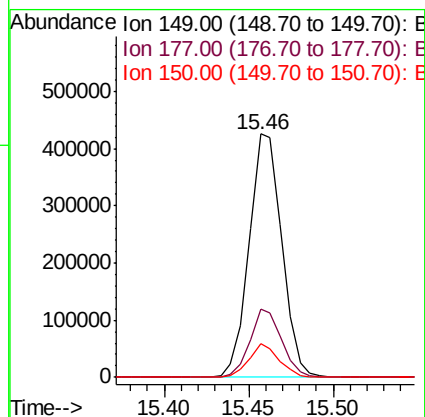
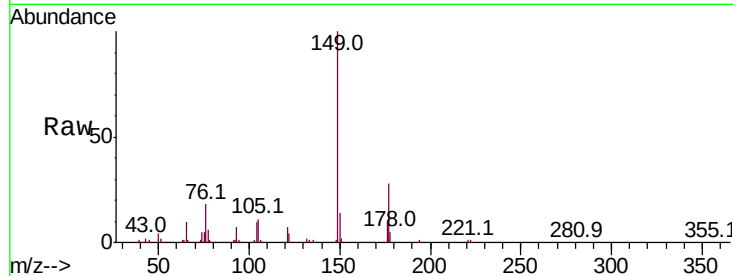
#59
Diethylphthalate
Concen: 20.815 ng
RT: 15.46 min Scan# 2069
Delta R.T. -0.01 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	28.0	18.3	27.5#	
150	13.7	9.8	14.8	

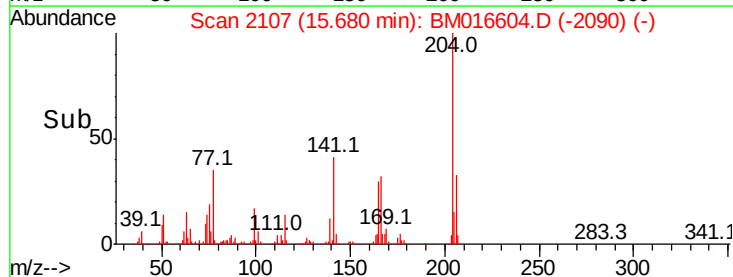
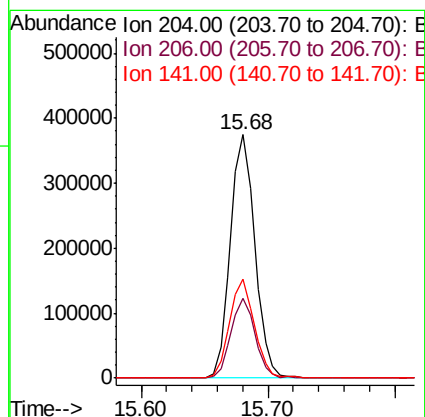
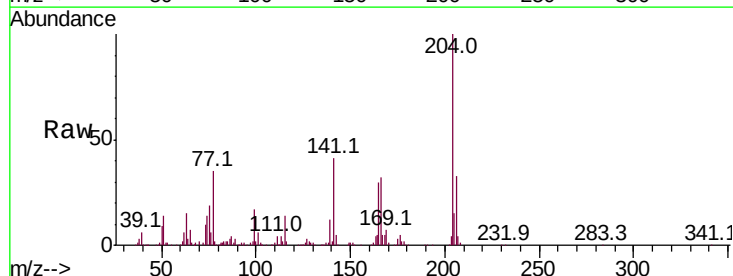
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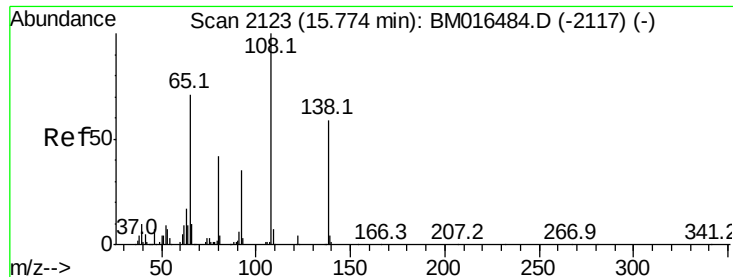
Sohil
8/27/2018 5:01:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 24.089 ng
RT: 15.68 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.6	26.6	39.8	
141	40.8	45.2	67.8#	





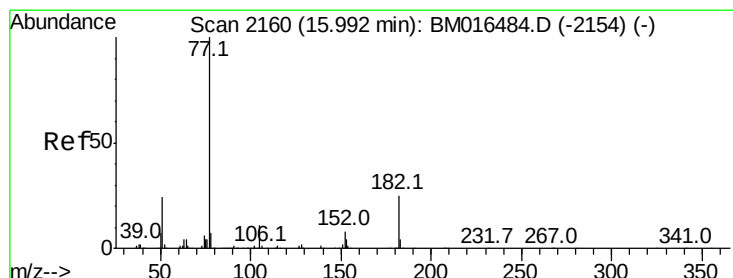
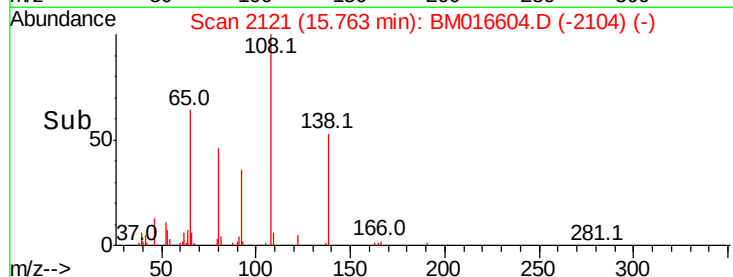
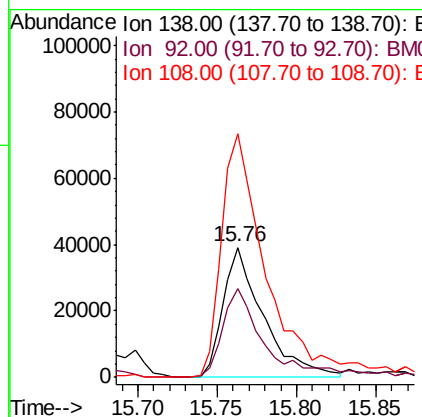
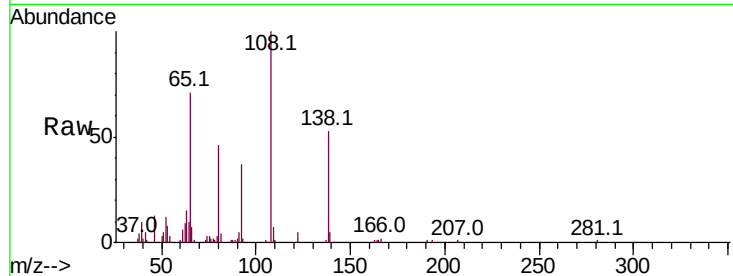
#61
4-Nitroaniline
Concen: 14.952 ng
RT: 15.76 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	68.6	16.7	56.7#
108	187.3	37.6	77.6#

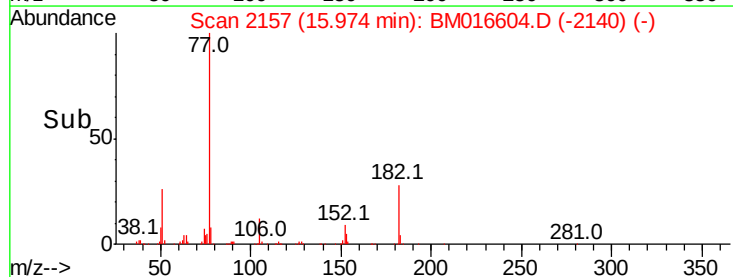
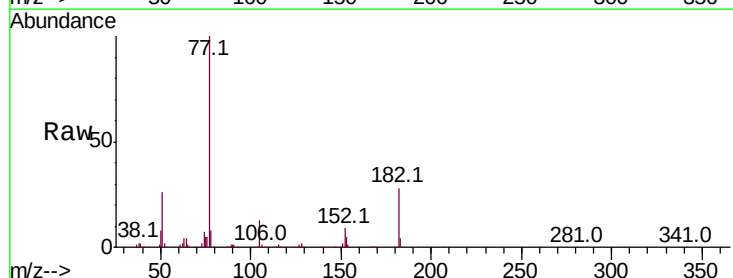
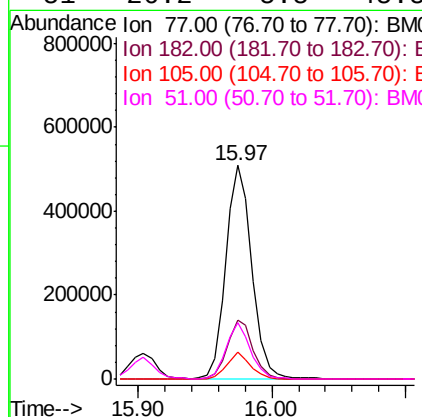
Manual Integrations
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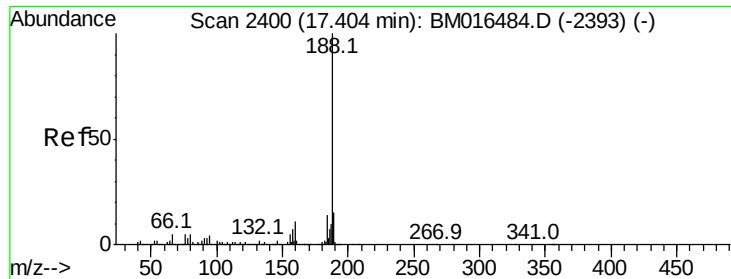
Sohil
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#62
Azobenzene
Concen: 23.385 ng
RT: 15.97 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.8	6.5	46.5
105	12.6	3.8	43.8
51	26.2	5.5	45.5





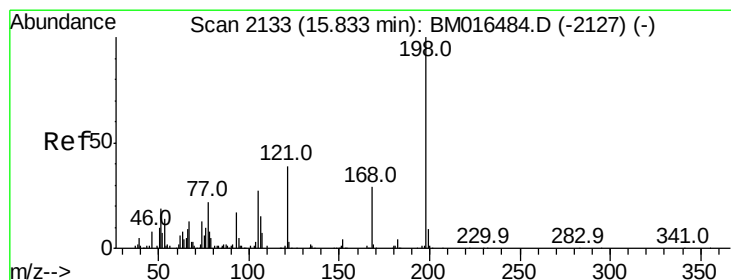
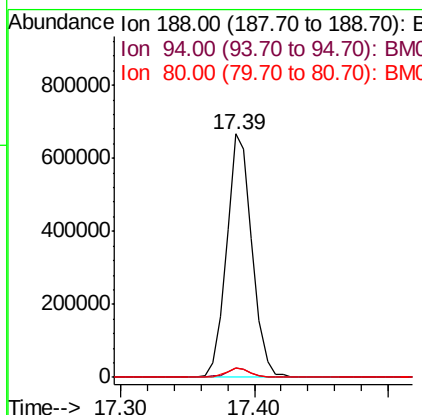
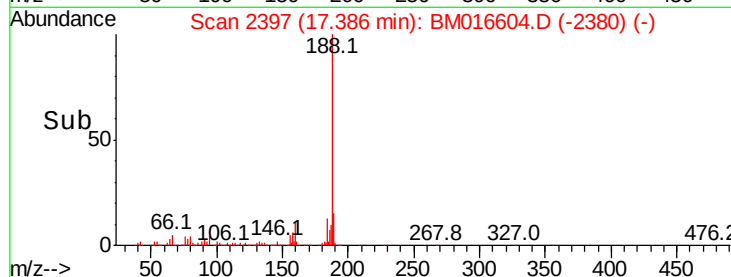
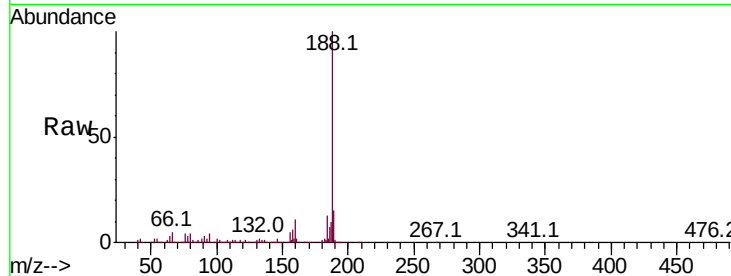
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	3.7	8.7	13.1#
80	4.1	9.3	13.9#

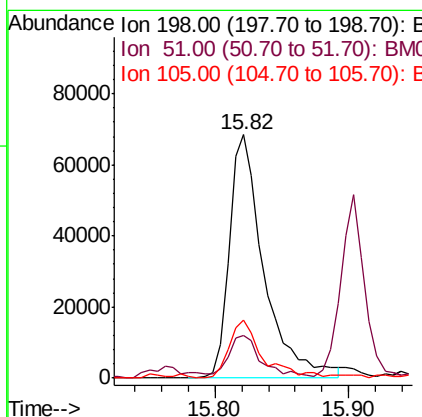
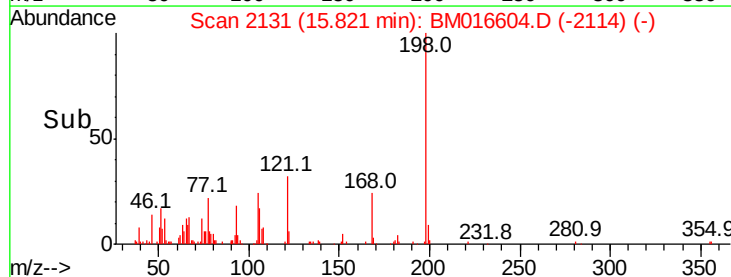
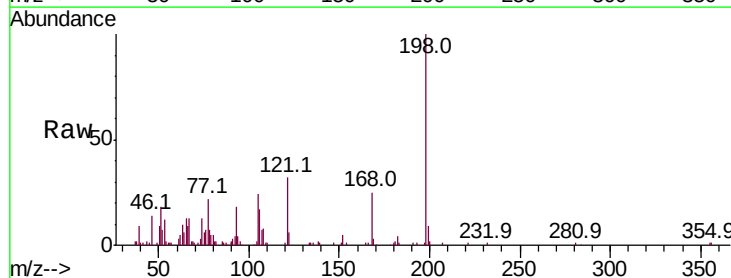
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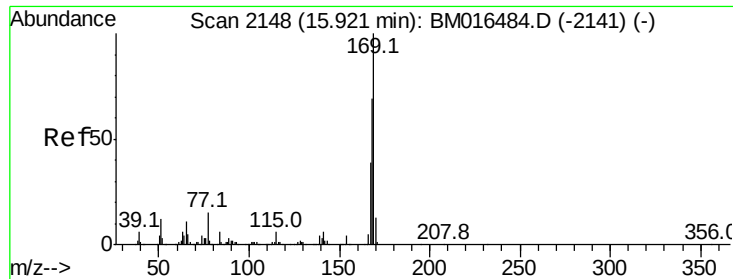
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 18.314 ng
RT: 15.82 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	17.6	28.8	68.8#
105	23.8	30.5	70.5#





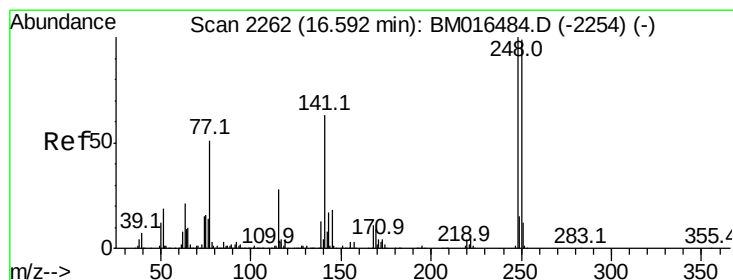
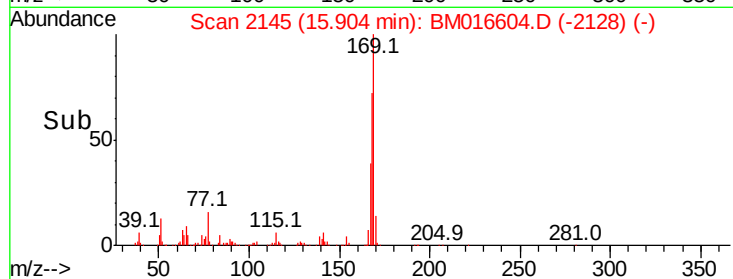
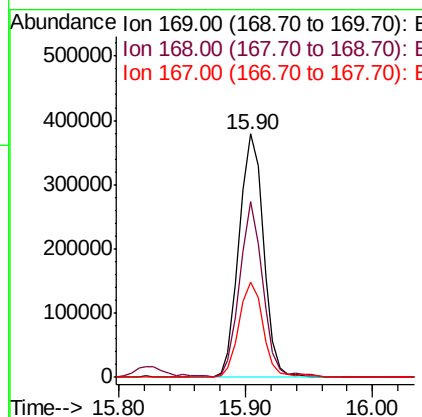
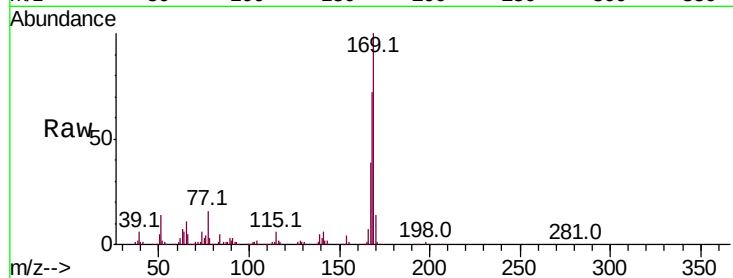
#65
n-Nitrosodiphenylamine
Concen: 20.147 ng
RT: 15.90 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	72.2	53.9	80.9	
167	39.0	28.9	43.3	

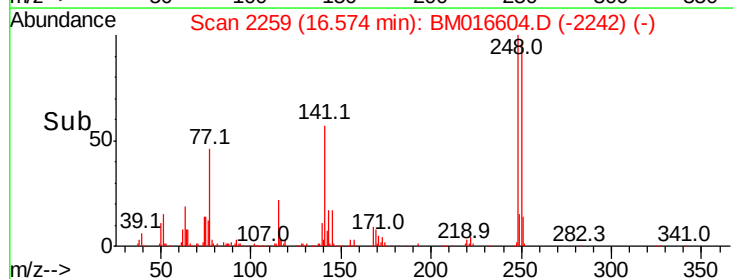
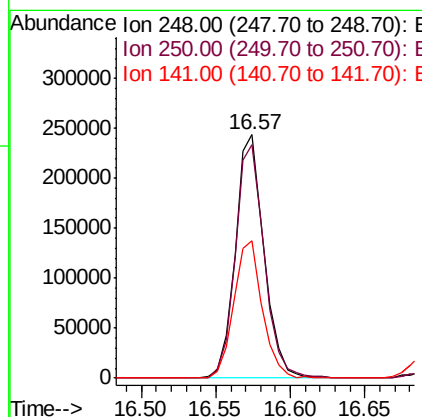
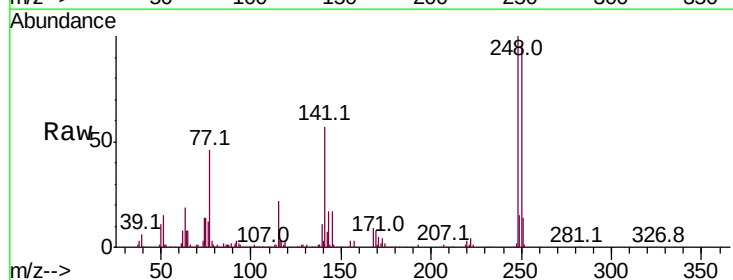
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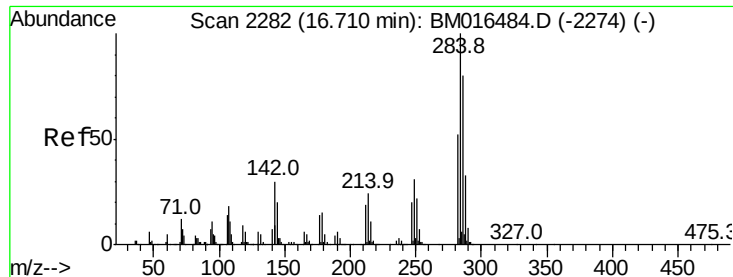
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 23.920 ng
RT: 16.57 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	96.1	77.4	116.0	
141	56.5	45.2	67.8	





#67

Hexachlorobenzene

Concen: 22.296 ng

RT: 16.69 min Scan# 2279

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

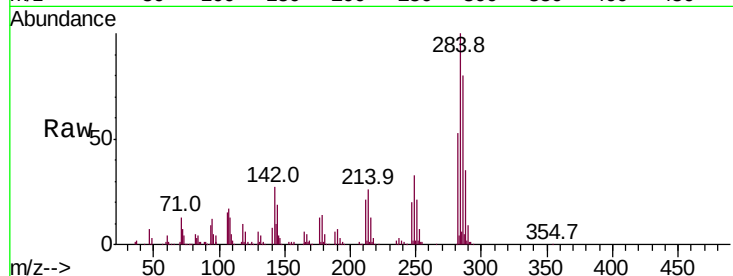
ClientSampleId :

EP1-Q4-A7MS

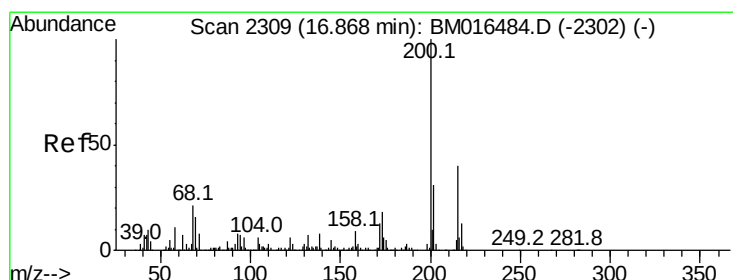
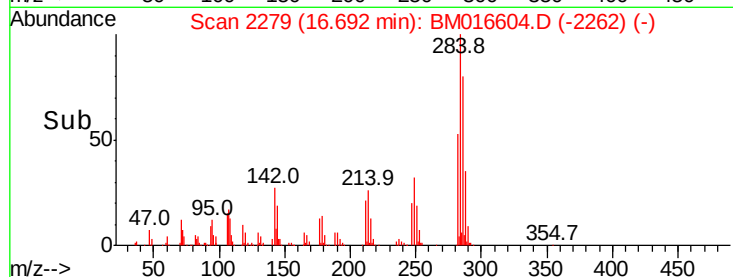
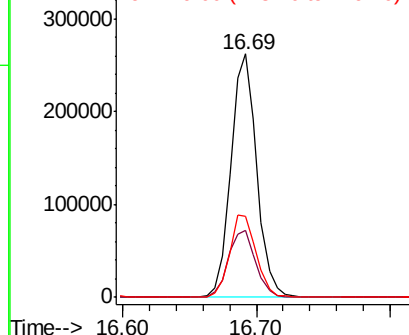
Tot Ion:	284	Resp:	354583
Ion Ratio	Lower	Upper	
284	100		
142	27.4	20.4	30.6
249	33.2	23.8	35.6

Manual Integrations
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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: 26.993 ng

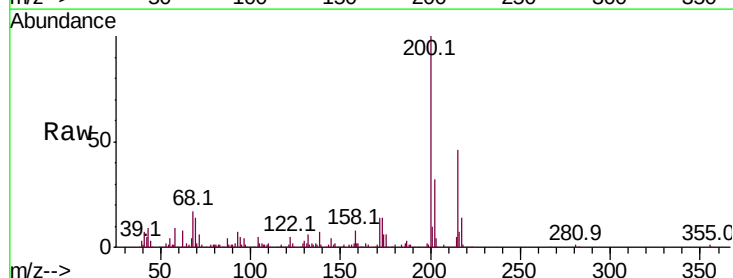
RT: 16.85 min Scan# 2306

Delta R.T. 0.00 min

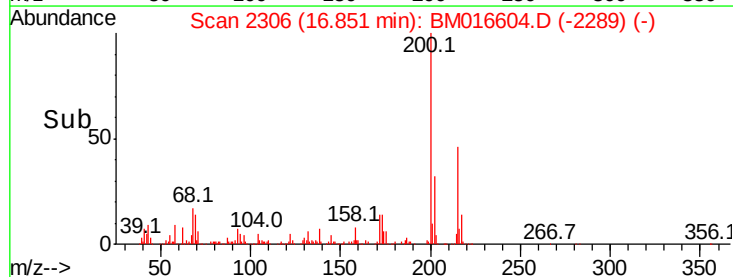
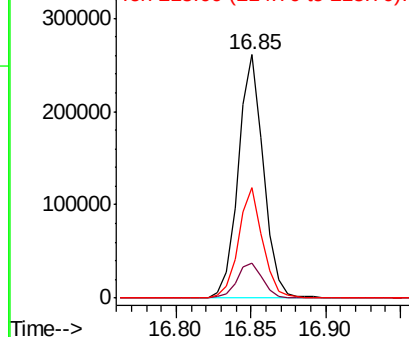
Lab File: BM016604.D

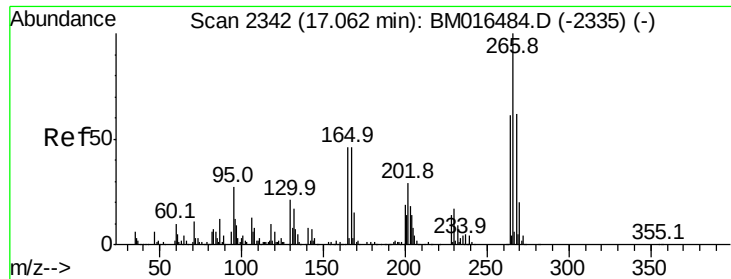
Acq: 27 Aug 2018 13:38

Tgt Ion:	200	Resp:	307580
Ion Ratio	Lower	Upper	
200	100		
173	14.5	4.8	44.8
215	45.6	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





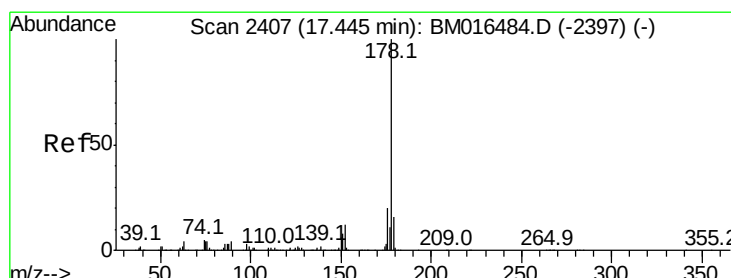
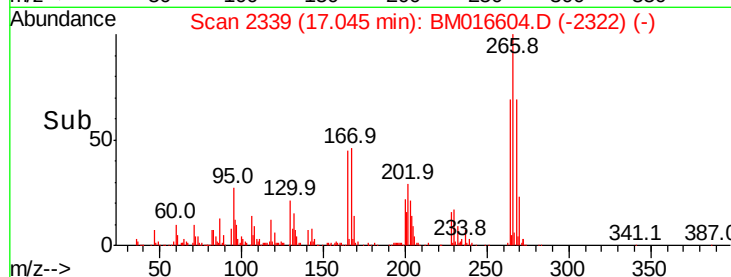
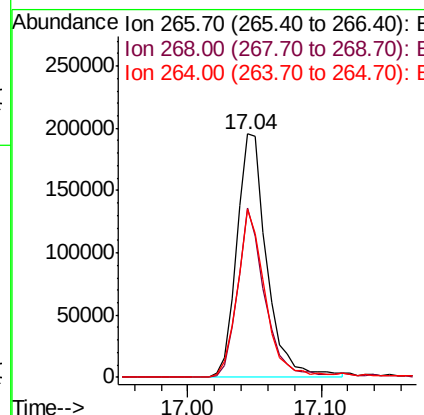
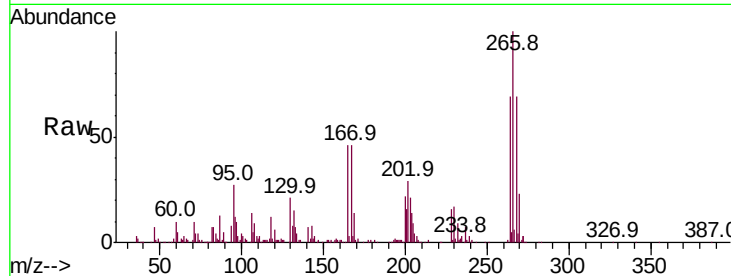
#69
 Pentachlorophenol
 Concen: 36.477 ng
 RT: 17.04 min Scan# 2339
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-A7MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	306942		
268	69.4	52.0	78.0	
264	69.1	49.0	73.4	

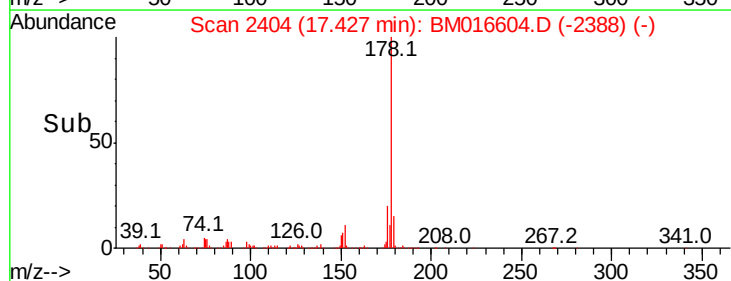
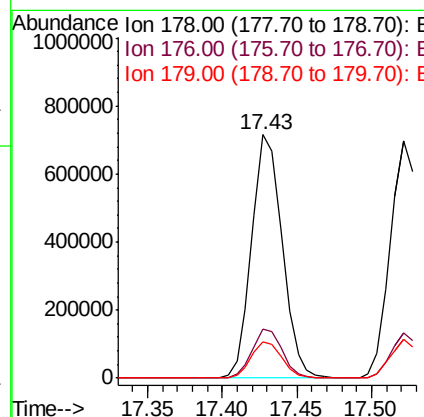
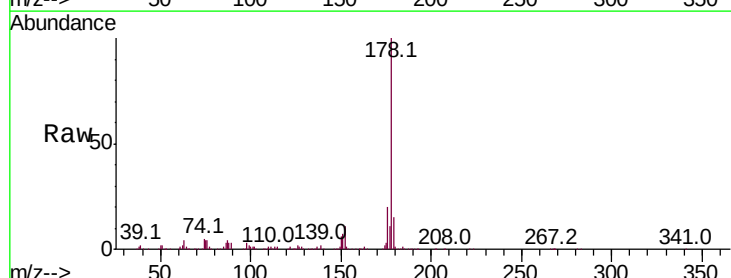
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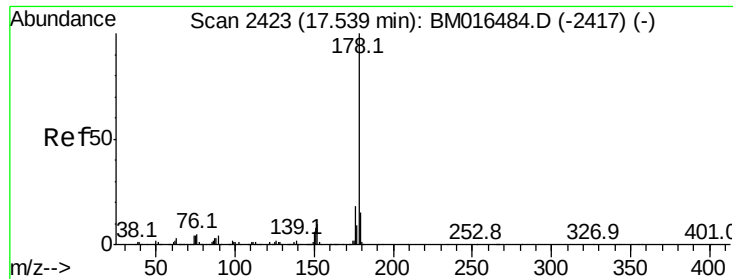
Sohil
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#70
 Phenanthrene
 Concen: 22.108 ng
 RT: 17.43 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1014158		
176	20.2	15.2	22.8	
179	15.0	12.1	18.1	





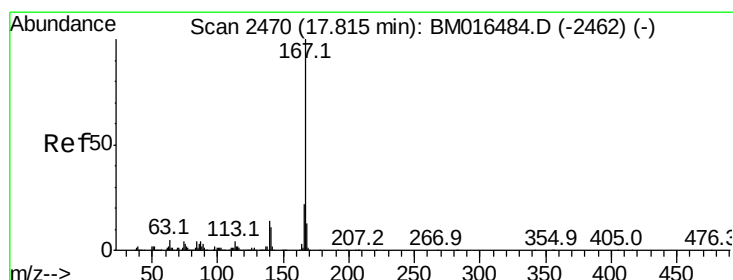
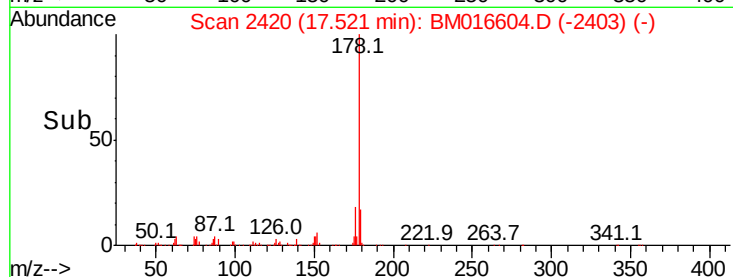
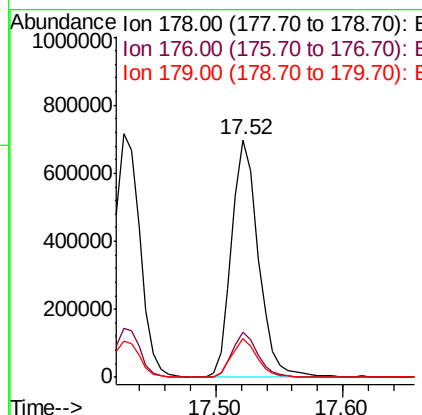
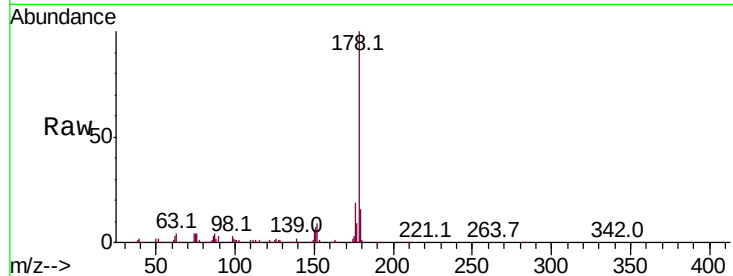
#71
 Anthracene
 Concen: 22.190 ng
 RT: 17.52 min Scan# 2420
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	16.2	12.6	19.0

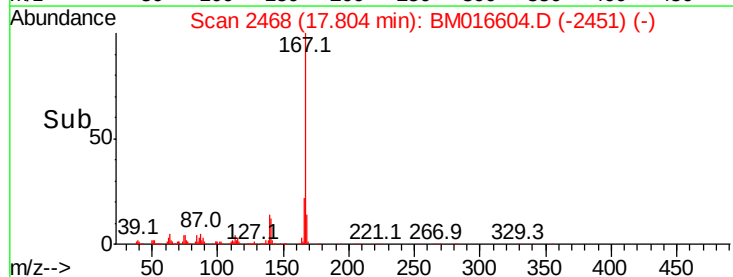
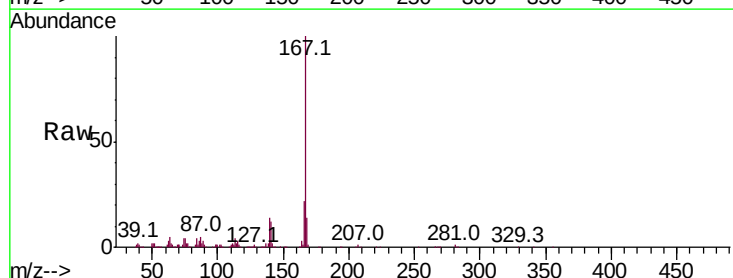
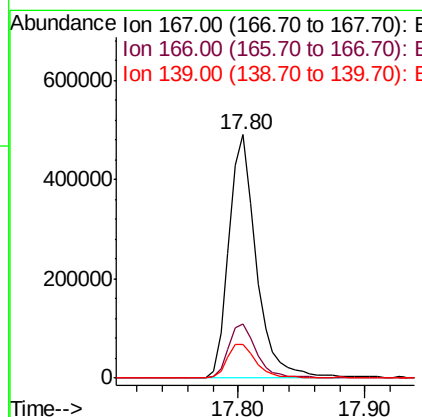
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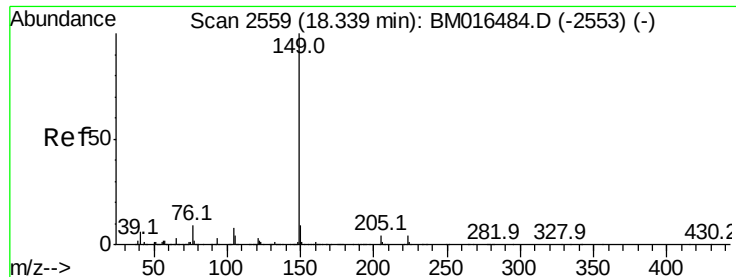
Sohil
 8/27/2018 5:01:03 PM



#72
 Carbazole
 Concen: 18.044 ng
 RT: 17.80 min Scan# 2468
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.2	25.8
139	14.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 19.418 ng

RT: 18.32 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

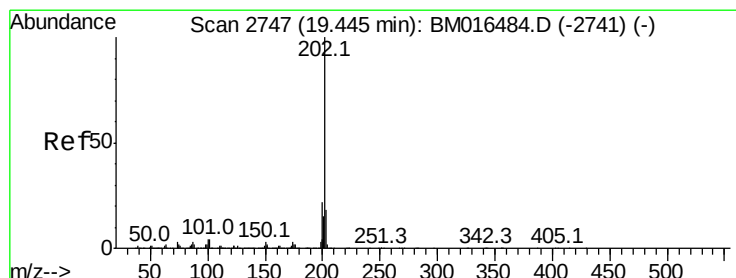
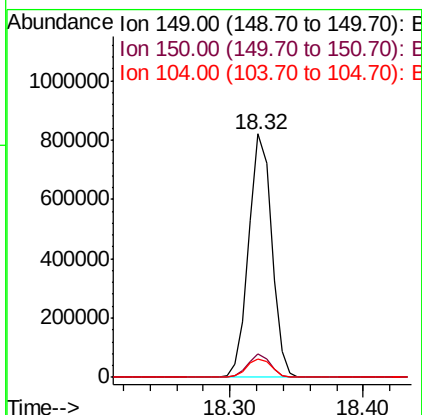
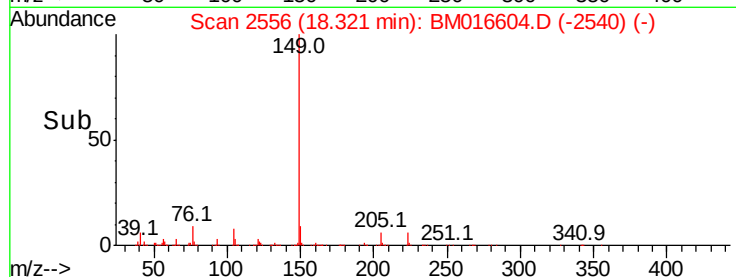
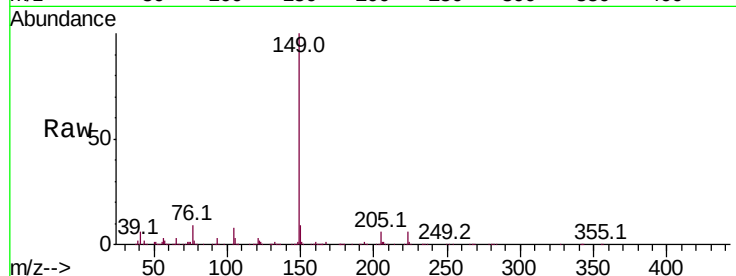
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	149	Resp:	969128
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.5	11.3
104	7.7	3.7	5.5#

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#74

Fluoranthene

Concen: 23.230 ng

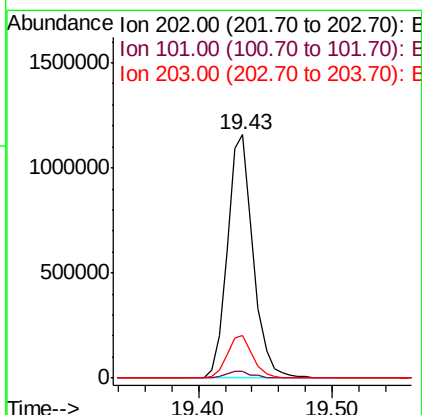
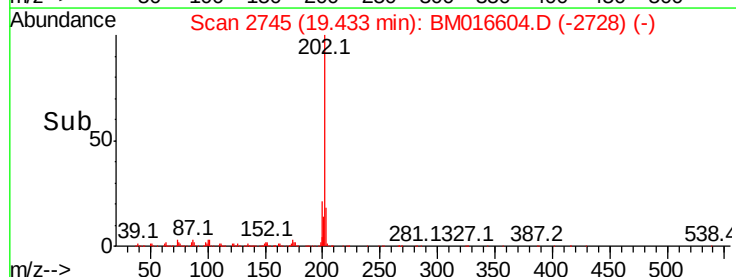
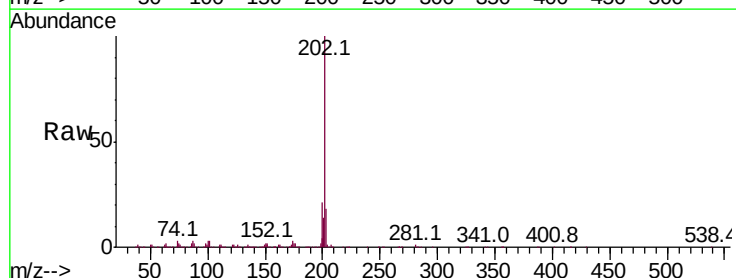
RT: 19.43 min Scan# 2745

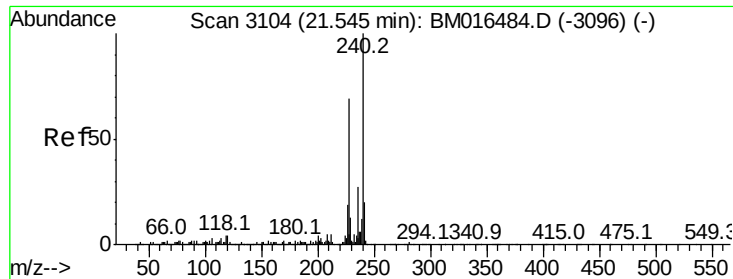
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	202	Resp:	1562435
Ion Ratio	Lower	Upper	
202	100		
101	3.0	0.0	28.7
203	17.7	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.53 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

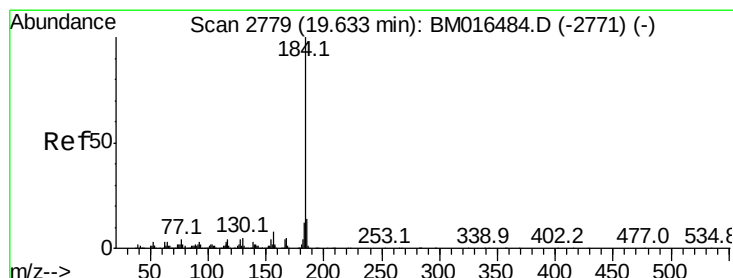
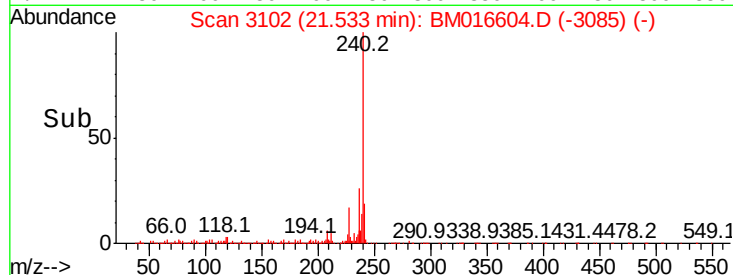
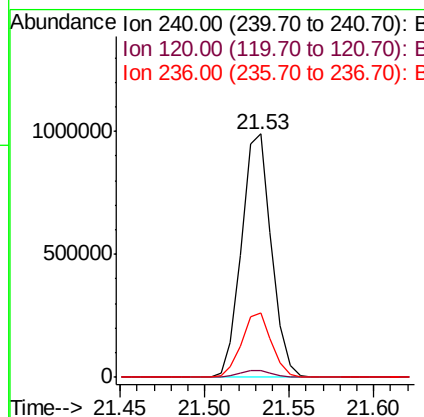
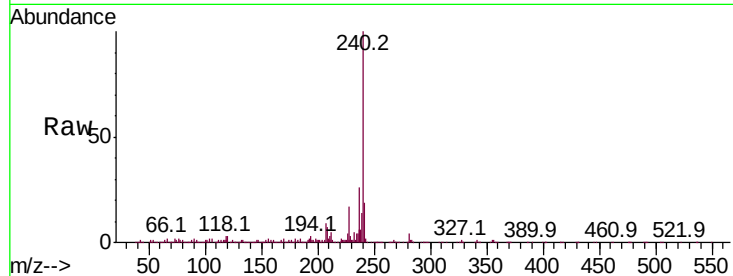
ClientSampleId :

EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.6	8.2	12.2#
236	26.2	20.0	30.0

Manual Integrations
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#76

Benzidine

Concen: 17.240 ng

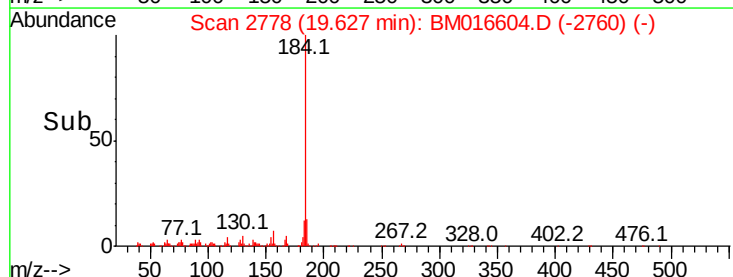
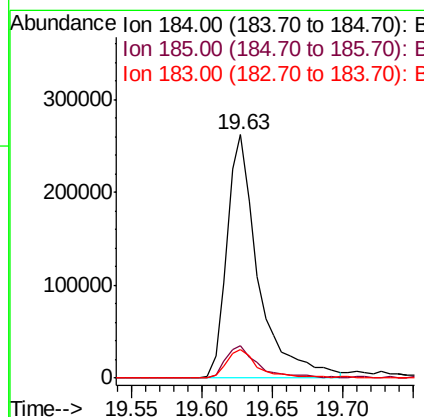
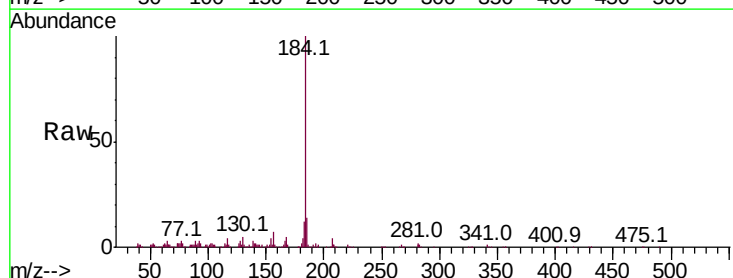
RT: 19.63 min Scan# 2778

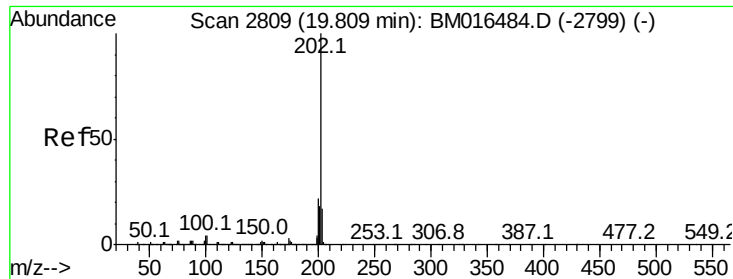
Delta R.T. 0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.3	16.9
183	11.8	8.9	13.3





#77

Pvrene

Concen: 23.792 ng

RT: 19.79 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

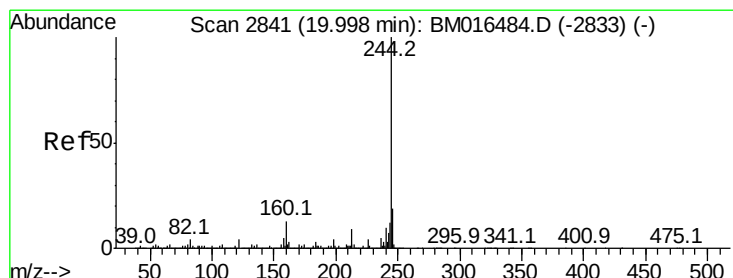
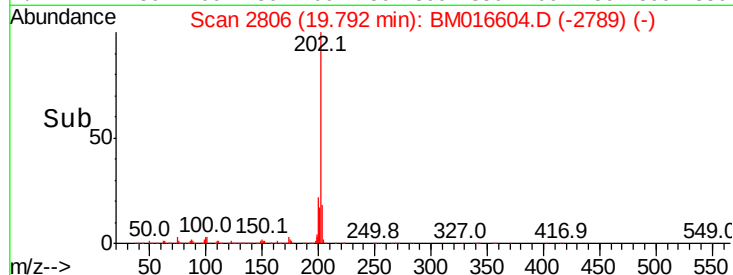
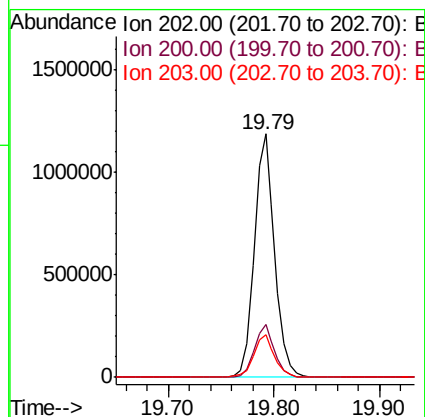
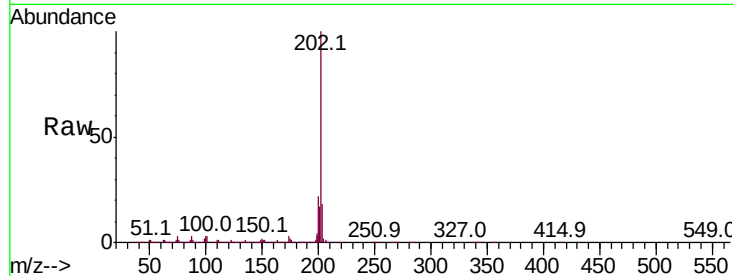
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	202	Resp:	1584385
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.9	25.3
203	17.6	14.1	21.1

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#78

Terphenyl-d14

Concen: 64.756 ng

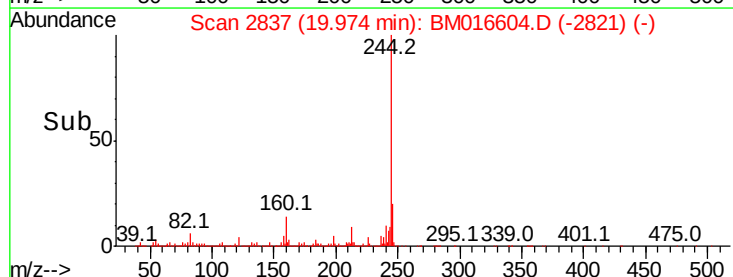
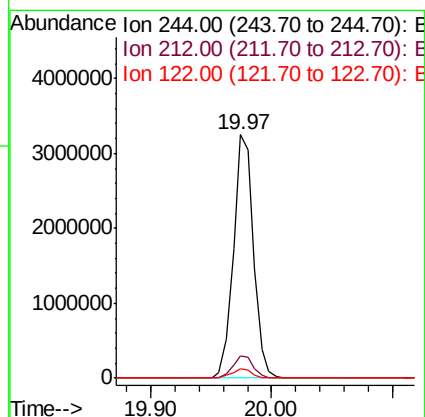
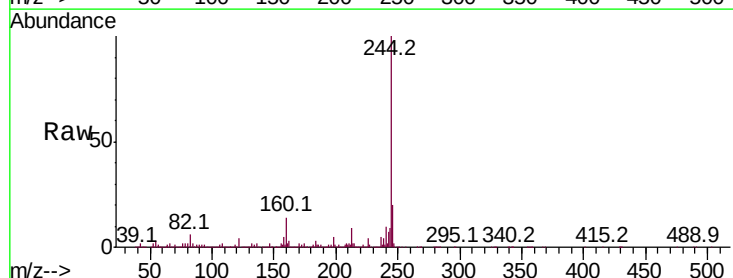
RT: 19.97 min Scan# 2837

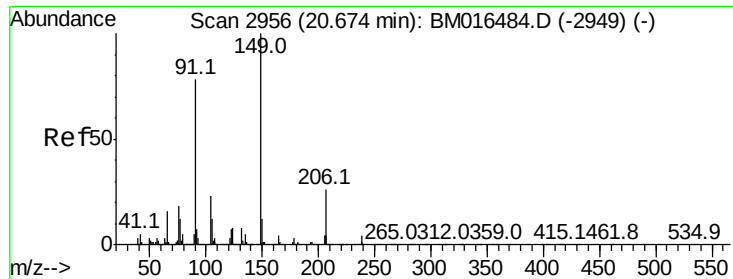
Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	244	Resp:	3748992
Ion Ratio	Lower	Upper	
244	100		
212	9.4	4.9	7.3#
122	4.0	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 20.835 ng

RT: 20.66 min Scan# 2953

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Instrument :

BNA_M

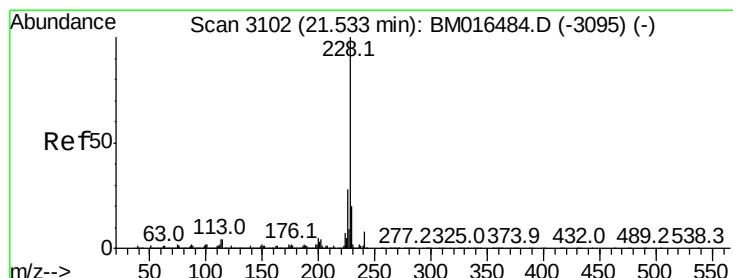
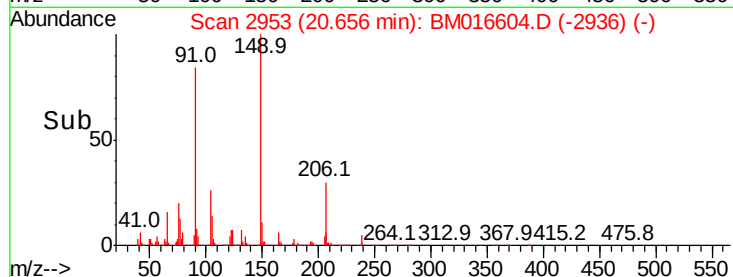
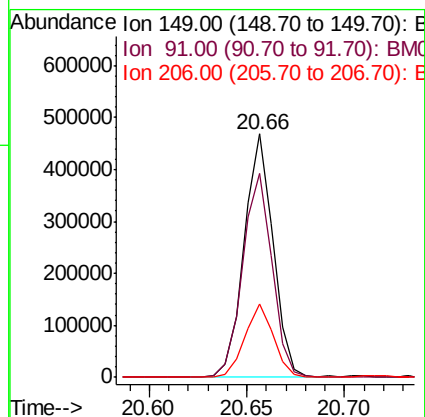
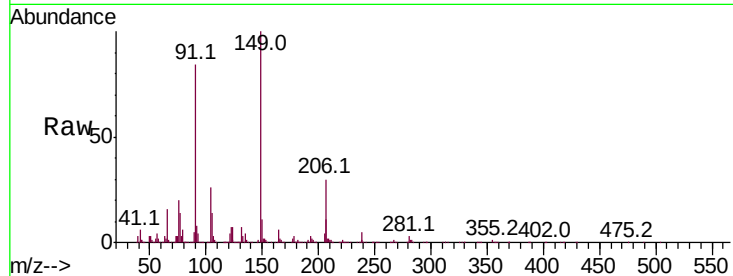
ClientSampleId :

EP1-Q4-A7MS

Tot Ion:	149	Resp:	478929
Ion Ratio	Lower	Upper	
149	100		
91	83.6	50.1	75.1#
206	30.1	16.2	24.2#

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#80

Benzo(a)anthracene

Concen: 23.942 ng

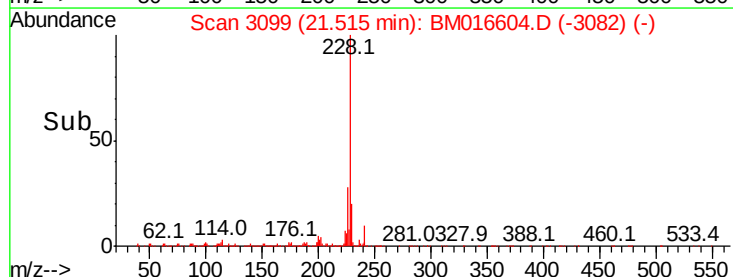
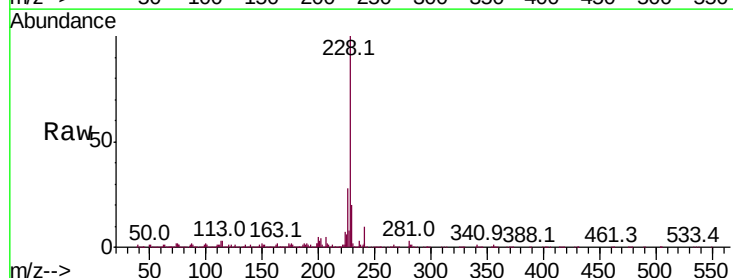
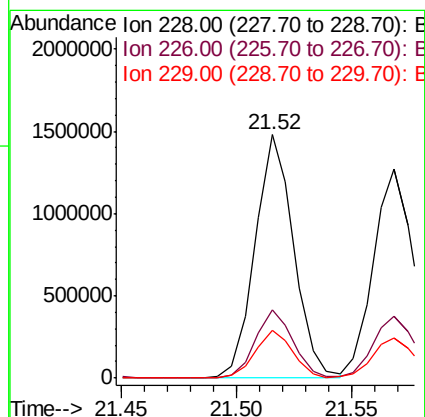
RT: 21.52 min Scan# 3099

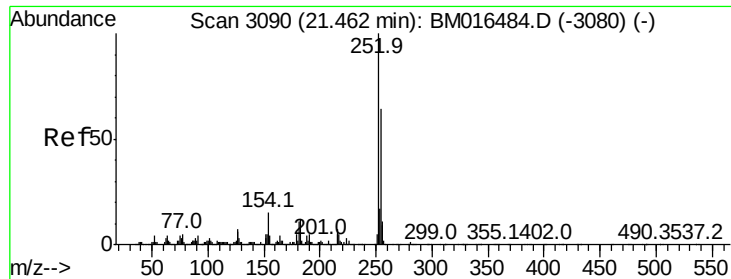
Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion:	228	Resp:	1724830
Ion Ratio	Lower	Upper	
228	100		
226	27.9	21.7	32.5
229	19.9	16.0	24.0





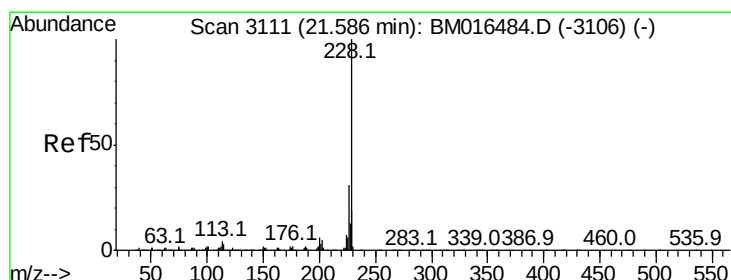
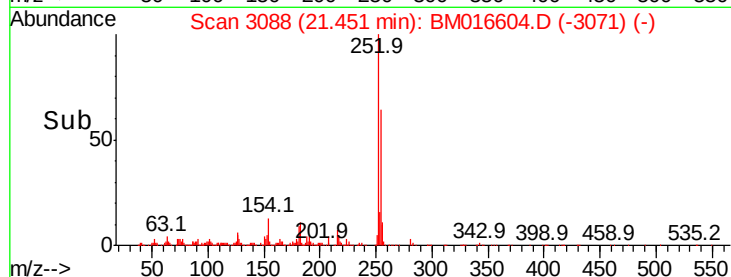
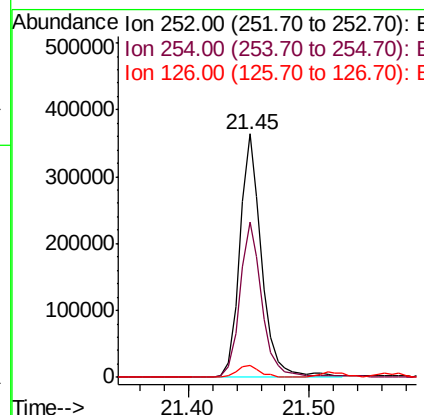
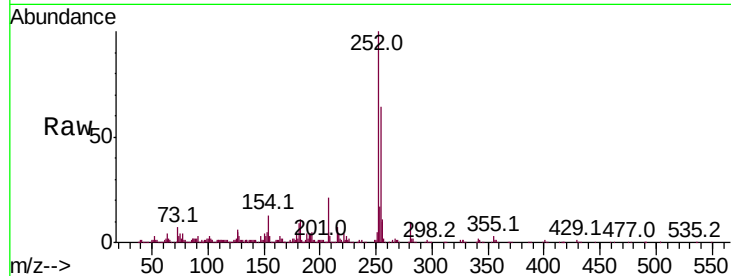
#81
 3,3'-Dichlorobenzidine
 Concen: 14.216 ng
 RT: 21.45 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.9	77.9
126	5.1	9.8	14.8

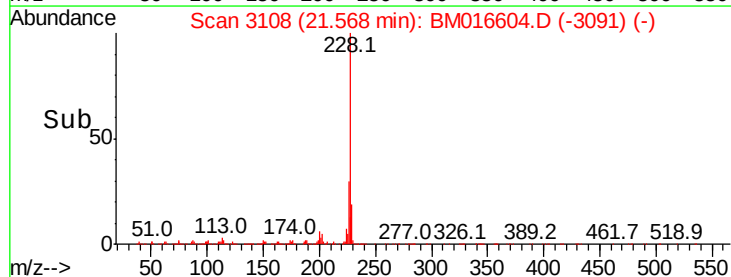
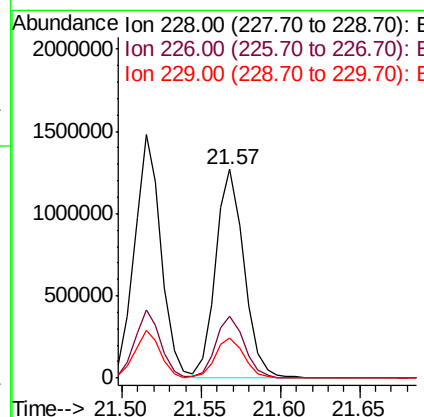
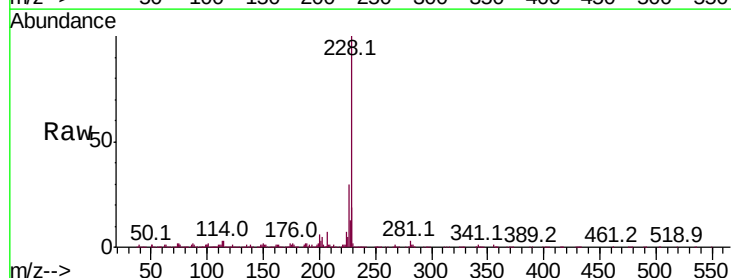
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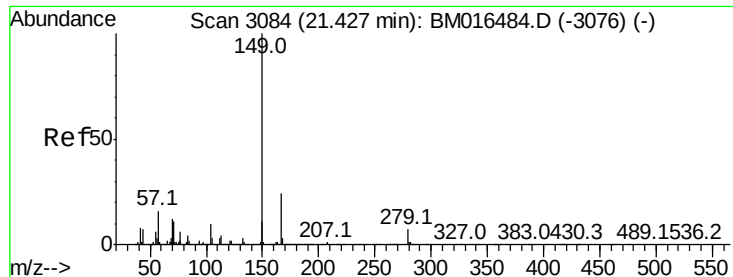
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#82
 Chrysene
 Concen: 22.933 ng
 RT: 21.57 min Scan# 3108
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	19.2	15.5	23.3





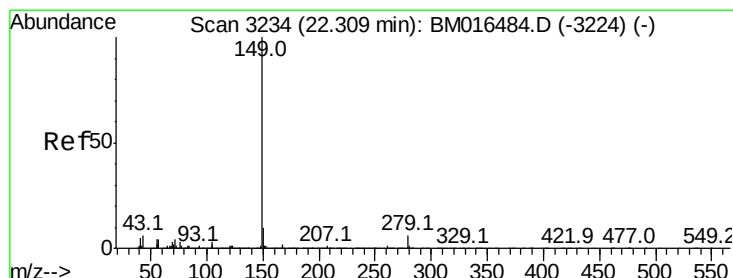
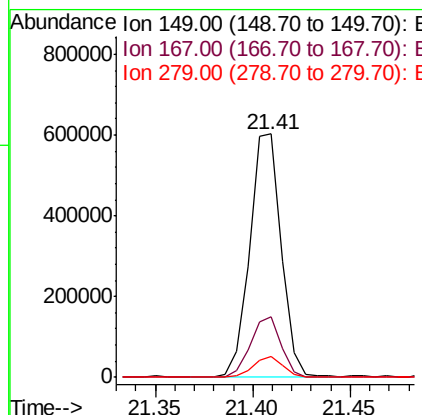
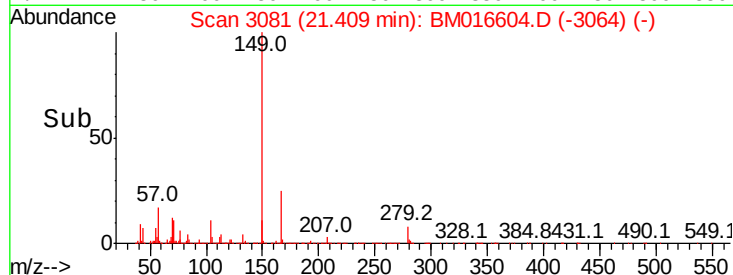
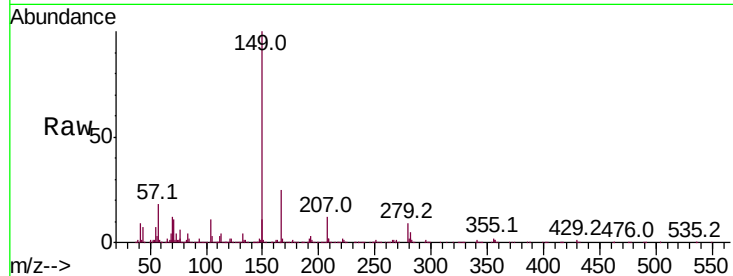
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 19.525 ng
 RT: 21.41 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.9	22.4	33.6
279	8.5	3.4	5.0

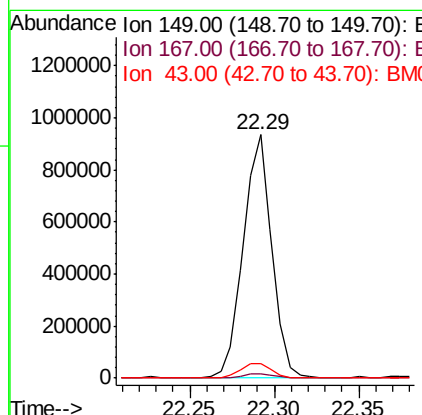
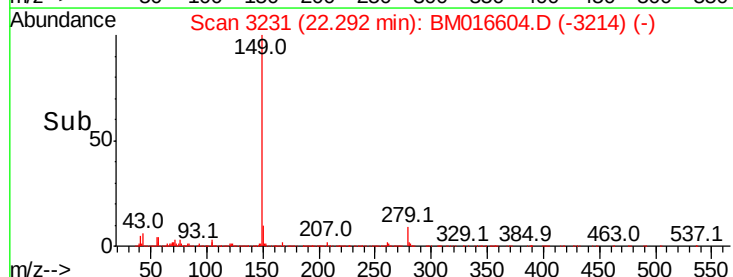
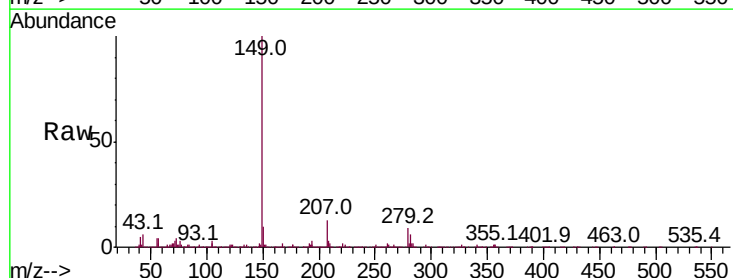
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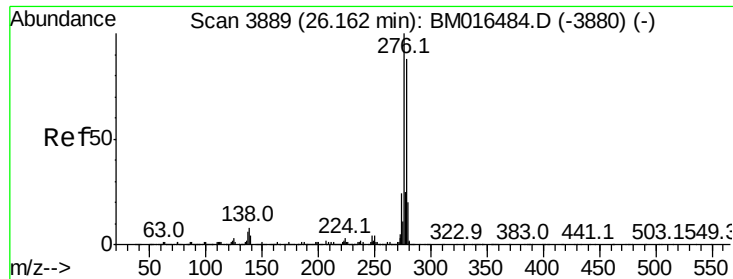
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#84
 Di-n-octyl phthalate
 Concen: 19.207 ng
 RT: 22.29 min Scan# 3231
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	6.7	7.3	10.9





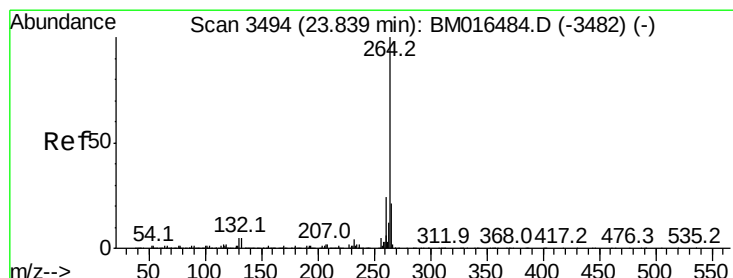
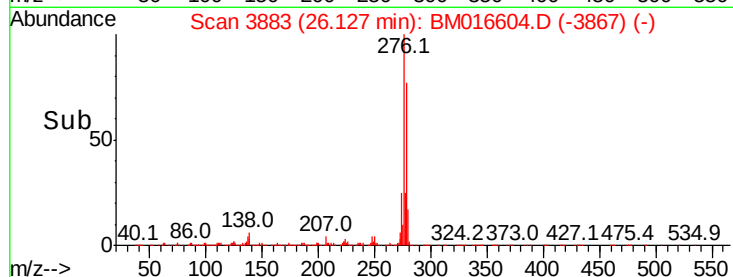
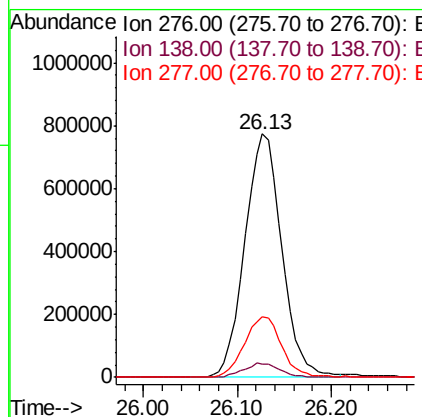
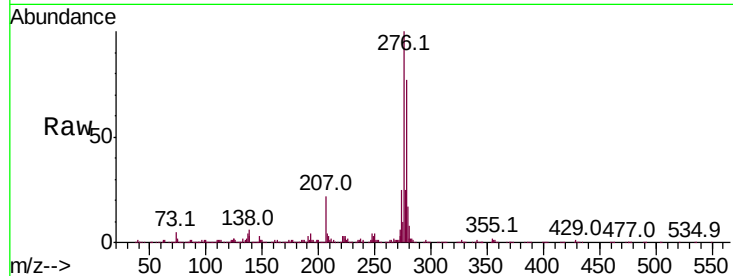
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.338 ng
 RT: 26.13 min Scan# 3883
 Delta R.T. -0.01 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.9	12.0	18.0#
277	25.2	20.0	30.0

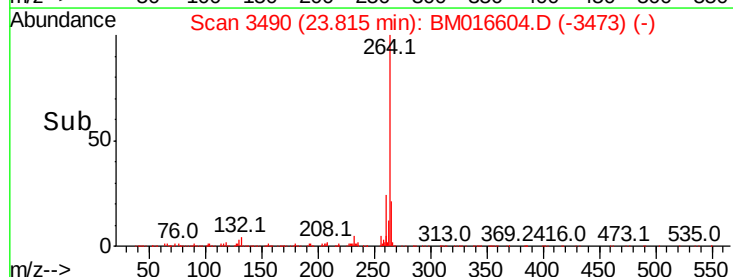
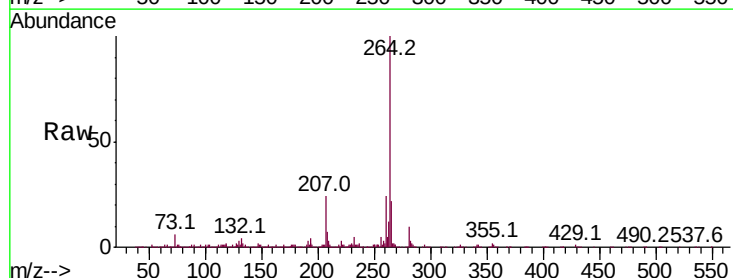
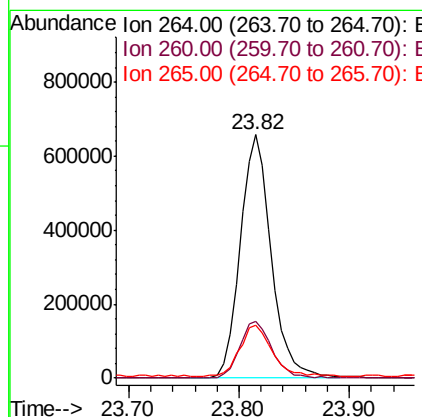
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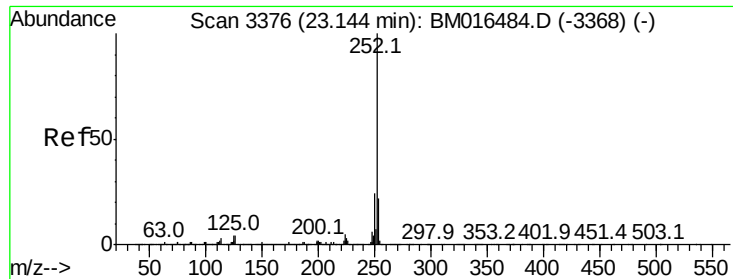
Sohil
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.82 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.6	27.8
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 25.204 ng

RT: 23.13 min Scan# 3373

Delta R.T. 0.00 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

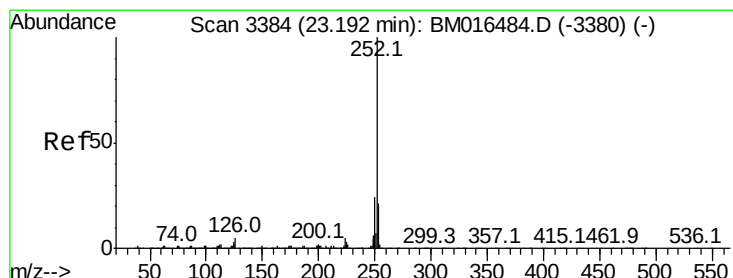
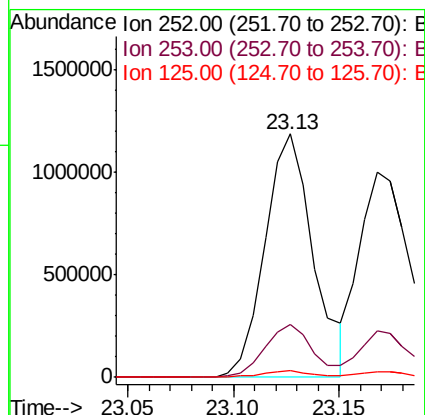
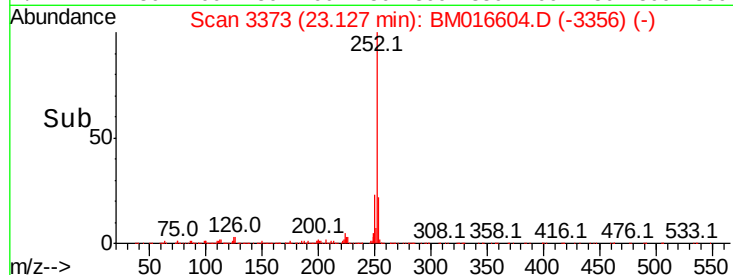
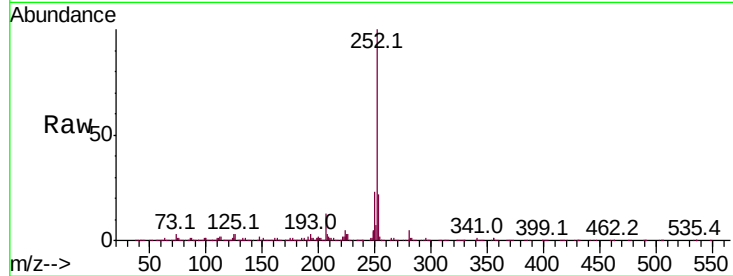
Instrument :
BNA_M

ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	2.7	9.9	14.9#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 22.659 ng

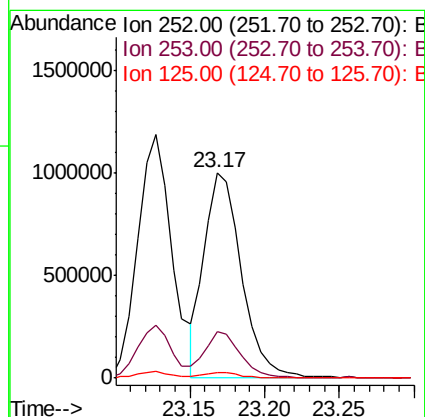
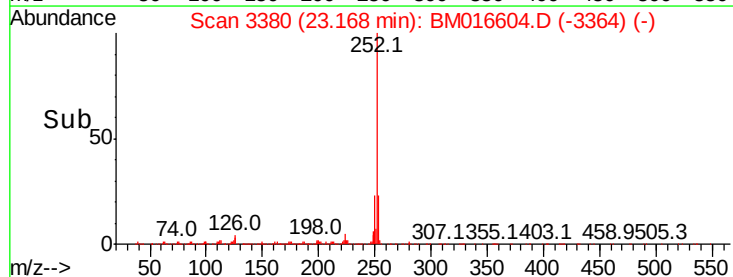
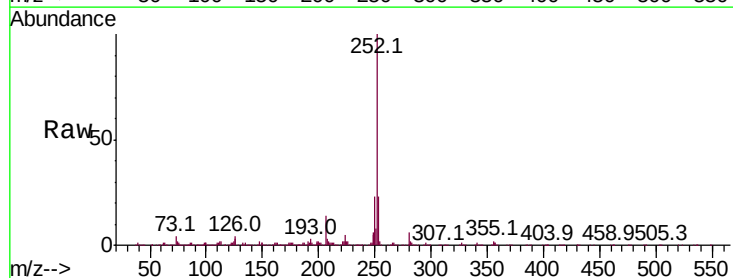
RT: 23.17 min Scan# 3380

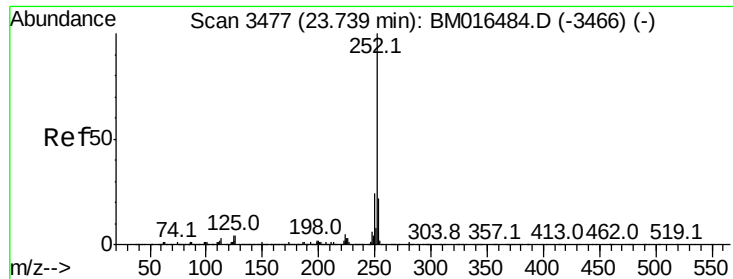
Delta R.T. -0.01 min

Lab File: BM016604.D

Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	2.7	8.1	12.1#





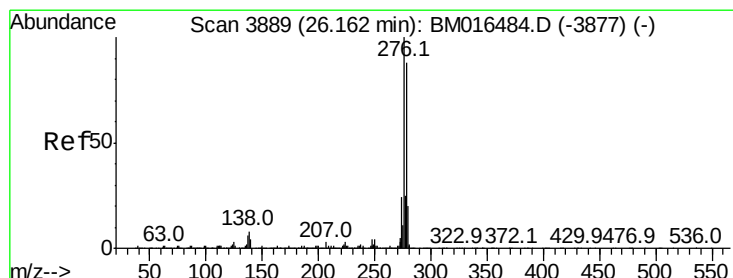
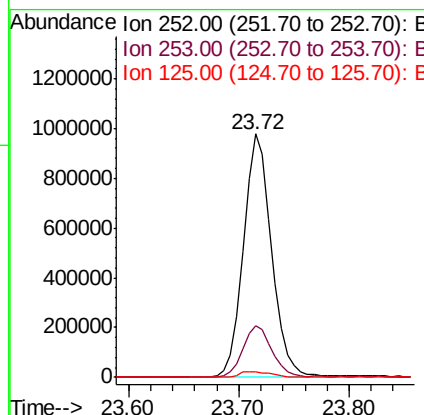
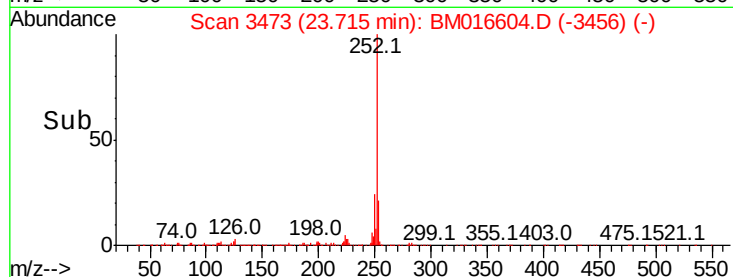
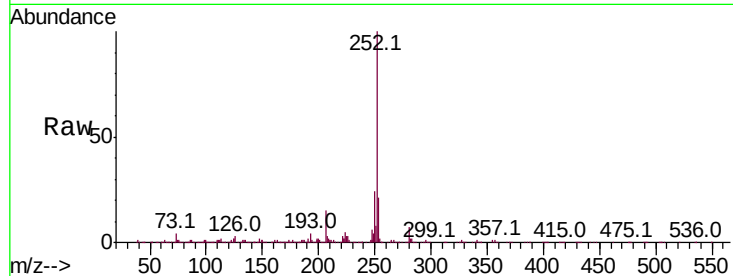
#89
Benzo(a)pyrene
Concen: 24.013 ng
RT: 23.72 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Instrument :
BNA_M
ClientSampleId :
EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.6	26.4
125	2.4	7.4	11.2

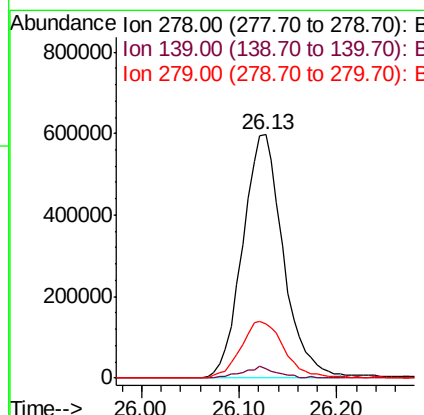
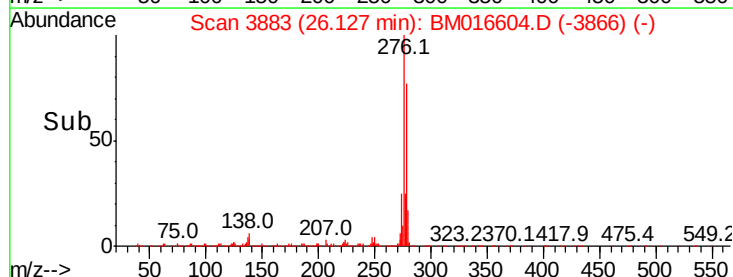
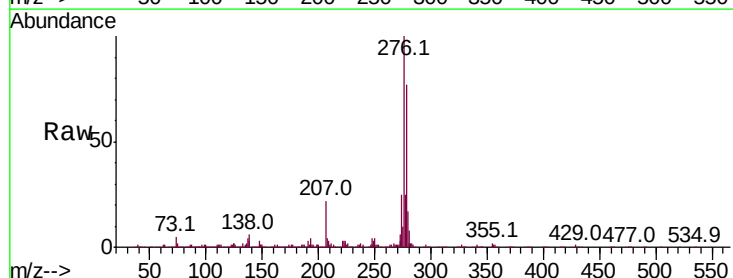
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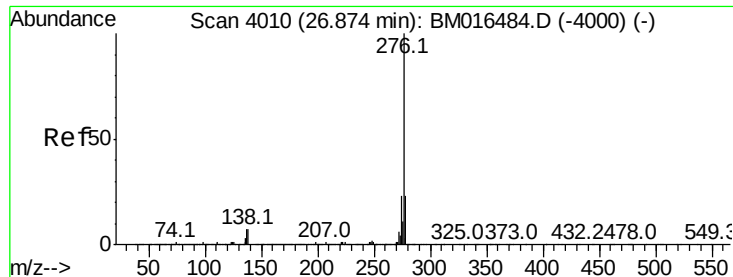
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 21.298 ng
RT: 26.13 min Scan# 3883
Delta R.T. 0.00 min
Lab File: BM016604.D
Acq: 27 Aug 2018 13:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	3.7	13.4	20.0
279	22.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 22.826 ng
 RT: 26.84 min Scan# 4004
 Delta R.T. 0.00 min
 Lab File: BM016604.D
 Acq: 27 Aug 2018 13:38

Instrument :
 BNA_M
 ClientSampleId :
 EP1-Q4-A7MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	4.7	19.0	28.6

Manual Integrations
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