

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052318\
 Data File : BM015278.D
 Acq On : 23 May 2018 16:28
 Operator : SJ/JU
 Sample : J2923-04
 Misc : LOO 10 PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Manual Integrations
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Sohil
 5/24/2018 5:38:10 PM

Quant Time: May 24 14:18:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	226134	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	955529	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	514502	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	1028857	20.00	ng	0.00
75) Chrysene-d12	21.83	240	923054	20.00	ng	0.00
86) Perylene-d12	24.27	264	875832	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.89	112	1730573	125.21	ng	0.00
7) Phenol-d6	7.55	99	2273208	126.30	ng	0.00
23) Nitrobenzene-d5	9.59	82	1461971	83.81	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	881123	136.57	ng	0.00
44) 2-Fluorobiphenyl	13.64	172	3376798	81.59	ng	0.00
78) Terphenyl-d14	20.29	244	4022951	96.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	51149	8.957	ng	# 100
3) Pyridine	4.07	79	124142m	8.487	ng	
4) n-Nitrosodimethylamine	3.97	42	70412	8.896	ng	# 62
6) Aniline	7.72	93	207949	9.377	ng	97
8) 2-Chlorophenol	7.96	128	145411	9.322	ng	95
9) Benzaldehyde	7.53	77	71215	6.256	ng	88
10) Phenol	7.57	94	173296	9.481	ng	80
11) bis(2-Chloroethyl)ether	7.81	93	136530	9.417	ng	91
12) 1,3-Dichlorobenzene	8.29	146	164630	9.257	ng	97
13) 1,4-Dichlorobenzene	8.44	146	167504	9.315	ng	95
14) 1,2-Dichlorobenzene	8.76	146	161036	9.435	ng	95
15) Benzyl Alcohol	8.65	79	121811	9.359	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.93	45	228342	9.983	ng	95
17) 2-Methylphenol	8.85	107	114544	9.427	ng	93
18) Hexachloroethane	9.50	117	59055	9.248	ng	90
19) n-Nitroso-di-n-propylamine	9.22	70	114165	9.952	ng	90
20) 3+4-Methylphenols	9.17	107	151340	9.381	ng	95
22) Acetophenone	9.24	105	214916	9.376	ng	# 94
24) Nitrobenzene	9.63	77	177855	9.792	ng	95
25) Isophorone	10.15	82	280711	9.369	ng	96
26) 2-Nitrophenol	10.35	139	66262	8.131	ng	# 77
27) 2,4-Dimethylphenol	10.39	122	134693	9.114	ng	94
28) bis(2-Chloroethoxy)methane	10.63	93	190135	9.692	ng	99
29) 2,4-Dichlorophenol	10.88	162	126650	9.050	ng	96
30) 1,2,4-Trichlorobenzene	11.10	180	155616	9.438	ng	99
31) Naphthalene	11.29	128	462698	9.316	ng	99
32) Benzoic acid	10.48	122	65999	7.720	ng	93
33) 4-Chloroaniline	11.40	127	183677	9.267	ng	# 93
34) Hexachlorobutadiene	11.56	225	91611	9.343	ng	98
35) Caprolactam	12.16	113	31095	7.850	ng	88
36) 4-Chloro-3-methylphenol	12.49	107	133063	9.307	ng	92
37) 2-Methylnaphthalene	12.87	142	329388	9.570	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	167303	9.232	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	79650	11.553	ng	97

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Instrument :
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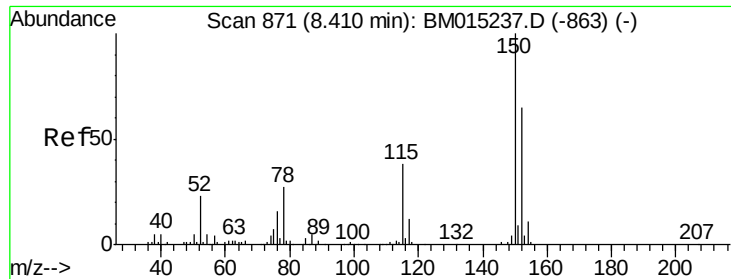
Manual Integrations
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Quant Time: May 24 14:18:02 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM052218.M
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 QLast Update : Tue May 22 15:47:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	95979	8.813	nq	97
43) 2,4,5-Trichlorophenol	13.53	196	105348	8.959	nq	# 87
45) 1,1'-Biphenyl	13.86	154	427548	9.498	nq	98
46) 2-Chloronaphthalene	13.91	162	323407	9.335	nq	94
47) 2-Nitroaniline	14.10	65	78973	8.001	nq	86
48) Acenaphthylene	14.74	152	471206	9.156	nq	99
49) Dimethylphthalate	14.46	163	386420	9.411	nq	100
50) 2,6-Dinitrotoluene	14.59	165	76310	8.908	nq	90
51) Acenaphthene	15.08	154	295940	9.232	nq	98
52) 3-Nitroaniline	14.92	138	72433	8.030	nq	# 85
53) 2,4-Dinitrophenol	15.13	184	27787	11.530	nq	92
54) Dibenzofuran	15.41	168	476638	9.430	nq	94
55) 4-Nitrophenol	15.21	139	54303	7.422	nq	# 54
56) 2,4-Dinitrotoluene	15.37	165	93584	7.978	nq	# 84
57) Fluorene	16.05	166	367732	9.206	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	87289	8.656	nq	# 100
59) Diethylphthalate	15.80	149	374444	9.251	nq	97
60) 4-Chlorophenyl-phenylether	16.03	204	190553	9.366	nq	94
61) 4-Nitroaniline	16.07	138	70802	7.508	nq	# 69
62) Azobenzene	16.32	77	354953	9.231	nq	90
64) 4,6-Dinitro-2-methylphenol	16.13	198	40778	7.181	nq	94
65) n-Nitrosodiphenylamine	16.24	169	313022	9.469	nq	98
66) 4-Bromophenyl-phenylether	16.92	248	110376	9.602	nq	# 92
67) Hexachlorobenzene	17.04	284	125224	9.460	nq	# 86
68) Atrazine	17.17	200	84111	8.021	nq	97
69) Pentachlorophenol	17.38	266	55929	7.590	nq	97
70) Phenanthrene	17.77	178	549186	9.371	nq	100
71) Anthracene	17.87	178	534718	9.154	nq	98
72) Carbazole	18.13	167	461813	8.930	nq	100
73) Di-n-butylphthalate	18.65	149	540984	8.885	nq	98
74) Fluoranthene	19.75	202	567699	8.833	nq	98
76) Benzidine	19.92	184	135161m	4.677	nq	
77) Pyrene	20.10	202	574769	9.866	nq	99
79) Butylbenzylphthalate	20.95	149	213515	8.976	nq	92
80) Benzo(a)anthracene	21.81	228	547786	9.417	nq	100
81) 3,3'-Dichlorobenzidine	21.73	252	186549	8.661	nq	99
82) Chrysene	21.87	228	515873	9.417	nq	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	306885	8.870	nq	96
84) Di-n-octyl phthalate	22.63	149	485610	8.025	nq	# 94
85) Indeno(1,2,3-cd)pyrene	26.78	276	558133	8.421	nq	# 91
87) Benzo(b)fluoranthene	23.52	252	510476	9.212	nq	98
88) Benzo(k)fluoranthene	23.57	252	500299	9.544	nq	98
89) Benzo(a)pyrene	24.16	252	467908	9.052	nq	99
90) Dibenzo(a,h)anthracene	26.79	278	475257	9.012	nq	99
91) Benzo(g,h,i)perylene	27.56	276	456082	8.880	nq	97

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



#1

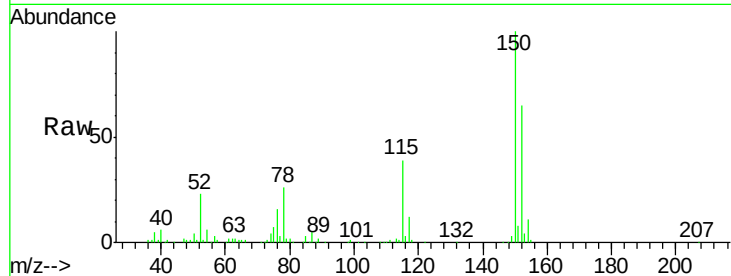
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	119.5	179.3
115	59.5	43.0	64.4

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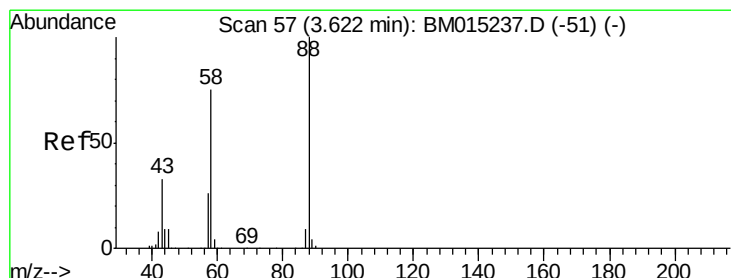
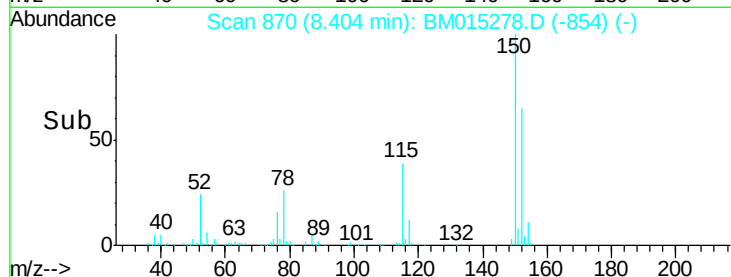
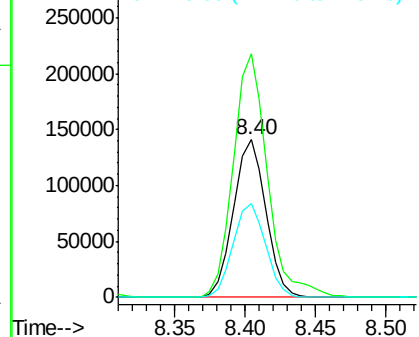


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

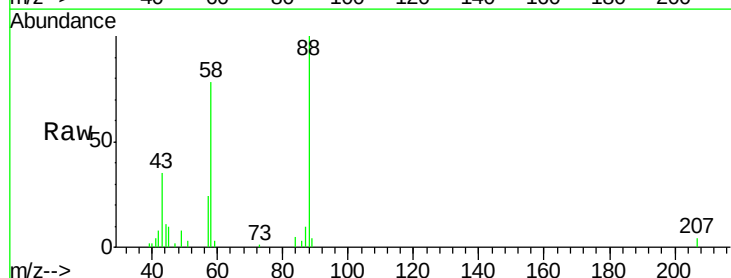
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 8.957 ng
RT: 3.62 min Scan# 57
Delta R.T. -0.00 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.6	0.0	0.0#
43	38.4	0.0	0.0#

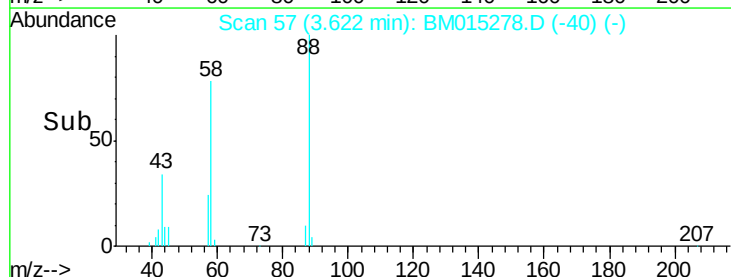
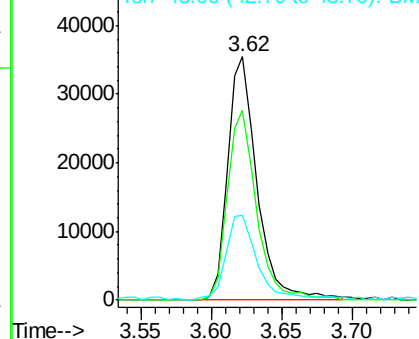


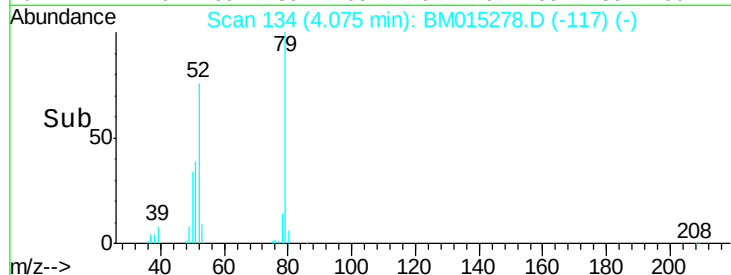
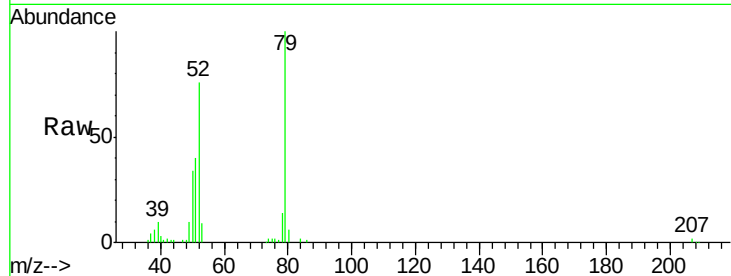
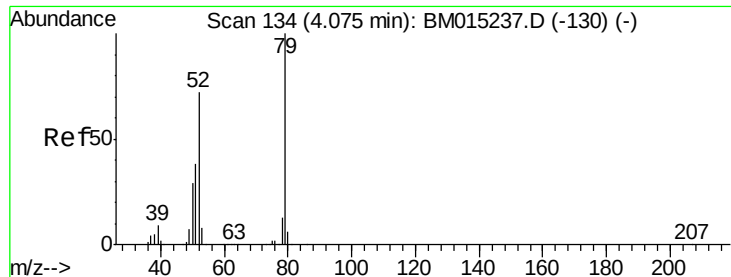
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





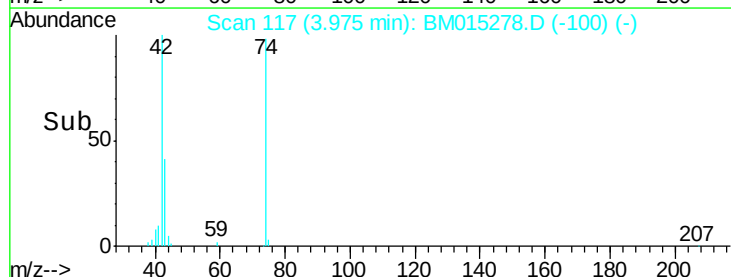
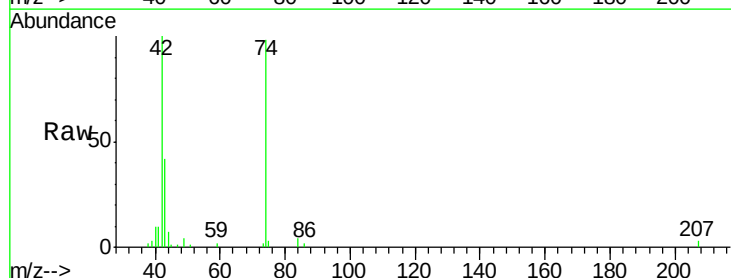
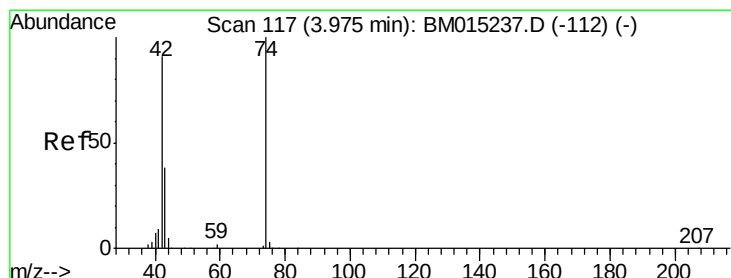
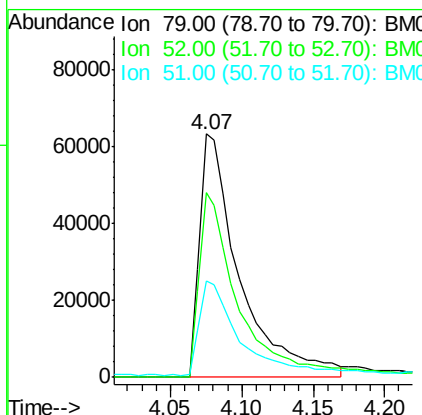
#3
 Pvridine
 Concen: 8.487 ng/ml
 RT: 4.07 min Scan# 134
 Delta R.T. -0.00 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		124142		
52	75.9	51.1	76.7		
51	39.5	26.1	39.1#		

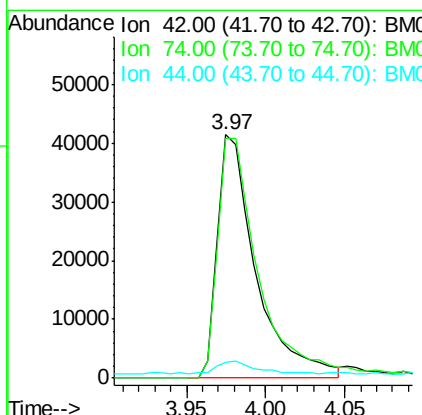
Manual Integrations
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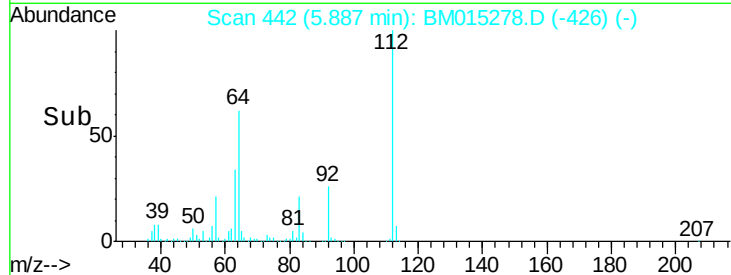
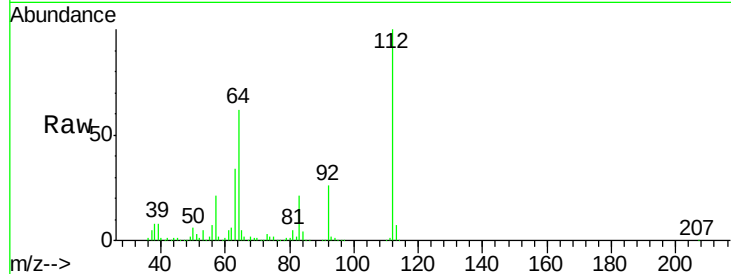
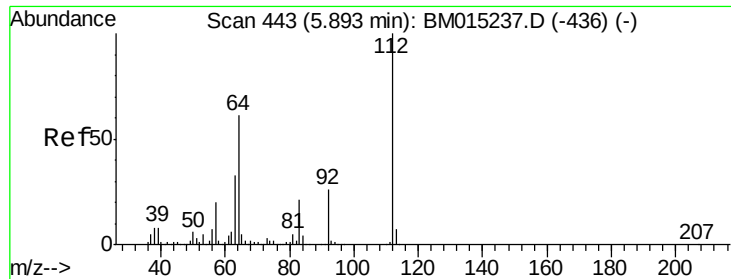
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#4
 n-Nitrosodimethylamine
 Concen: 8.896 ng/ml
 RT: 3.97 min Scan# 117
 Delta R.T. -0.00 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		70412		
74	98.3	119.3	178.9#		
44	6.5	5.4	8.2		





#5

2-Fluorophenol

Concen: 125.207 ng

RT: 5.89 min Scan# 442

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tot Ion:	112	Resp:	1730573
Ion	Ratio	Lower	Upper
112	100		
64	62.4	38.6	57.8#
63	33.7	19.3	28.9#

Instrument :

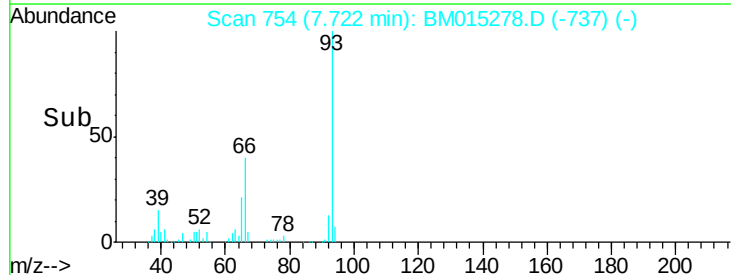
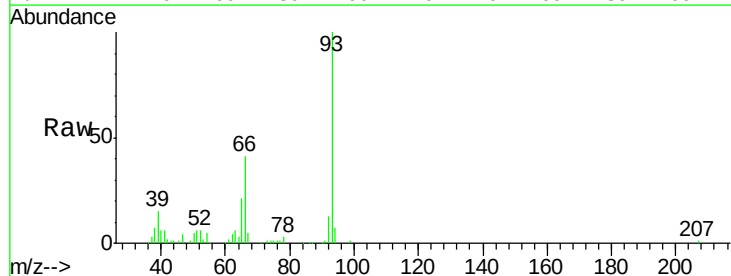
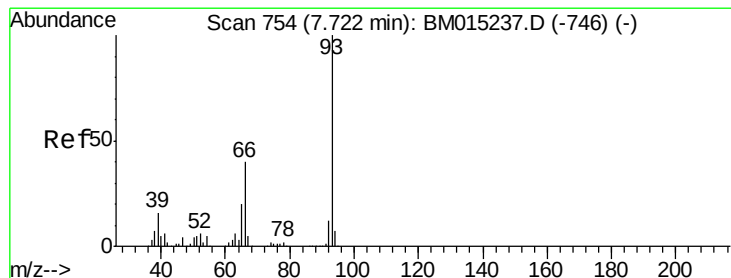
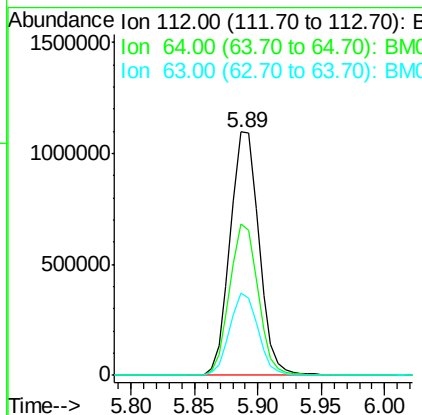
BNA_M

ClientSampleId :

LOQ-SCM-Precision-Bias-4

Manual Integrations
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#6

Aniline

Concen: 9.377 ng

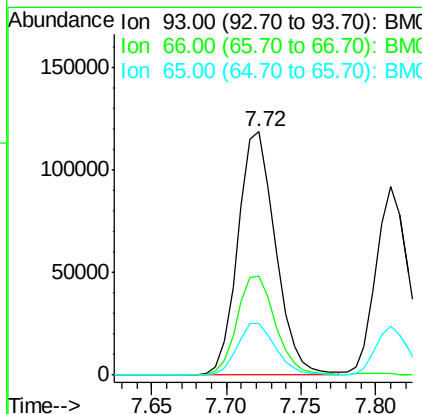
RT: 7.72 min Scan# 754

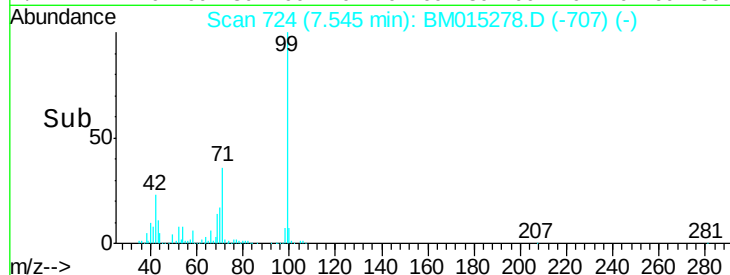
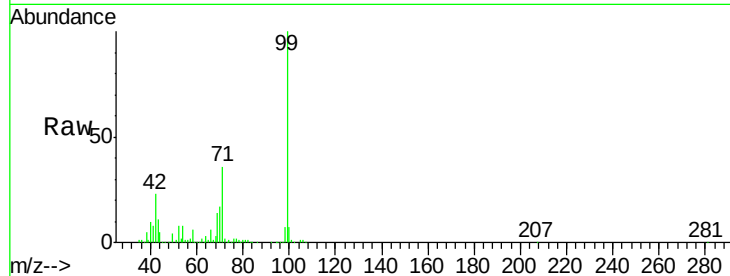
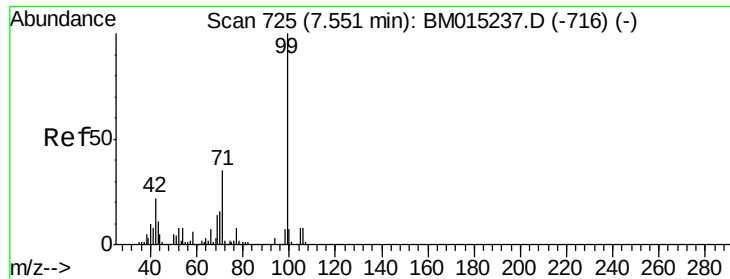
Delta R.T. -0.00 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion:	93	Resp:	207949
Ion	Ratio	Lower	Upper
93	100		
66	40.9	30.8	46.2
65	21.1	16.0	24.0





#7

Phenol-d6

Concen: 126.299 ng

RT: 7.55 min Scan# 724

Delta R.T. -0.00 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tot Ion: 99 Resp: 2273208

Ion Ratio Lower Upper

99 100

42 22.6 11.0 16.4#

71 36.5 23.4 35.2#

Instrument :

BNA_M

ClientSampleId :

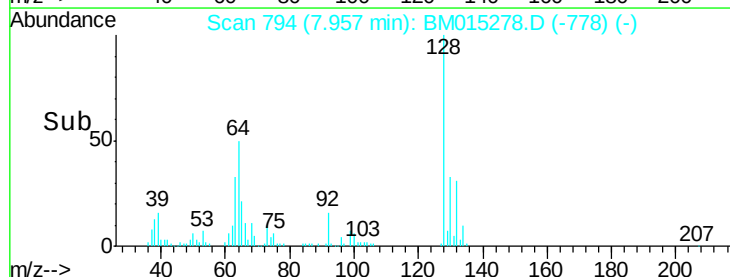
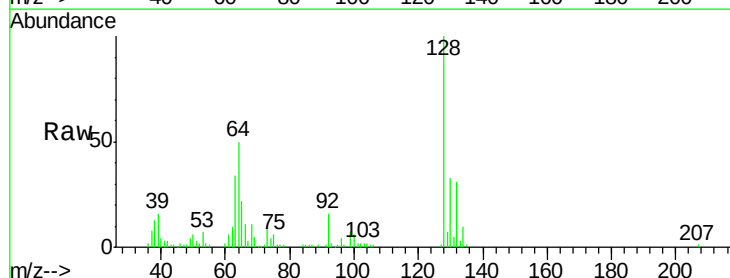
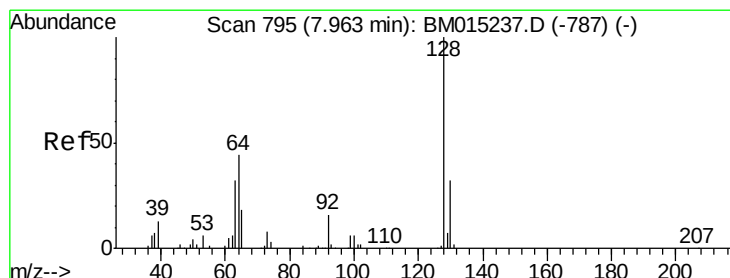
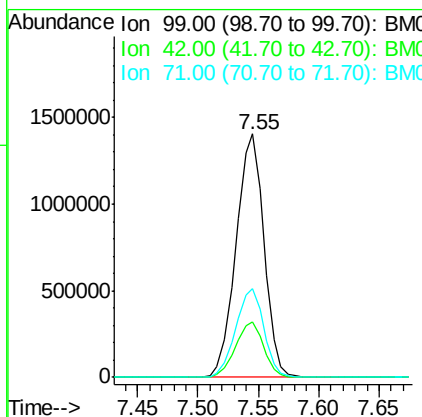
LOQ-SCM-Precision-Bias-4

Manual Integrations

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#8

2-Chlorophenol

Concen: 9.322 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

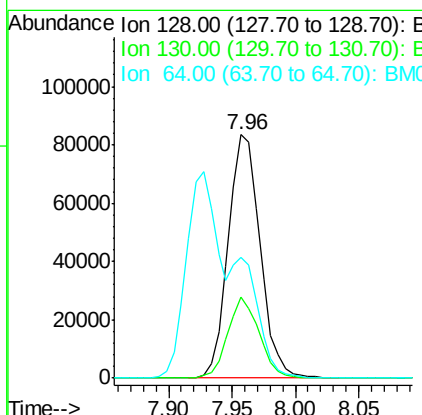
Tgt Ion: 128 Resp: 145411

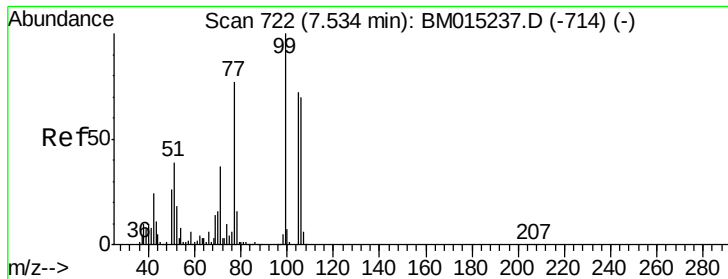
Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

64 49.6 24.9 64.9





#9

Benzaldehyde

Concen: 6.256 ng

RT: 7.53 min Scan# 722

Delta R.T. 0.00 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

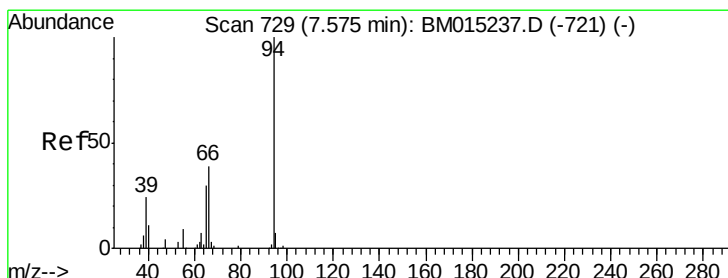
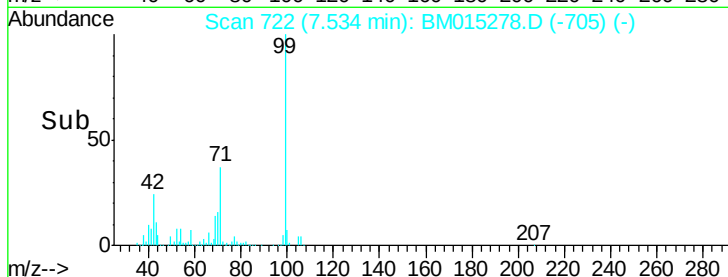
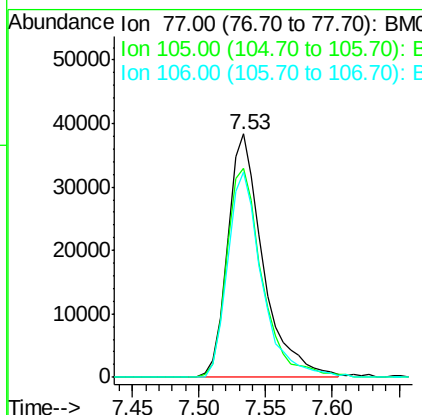
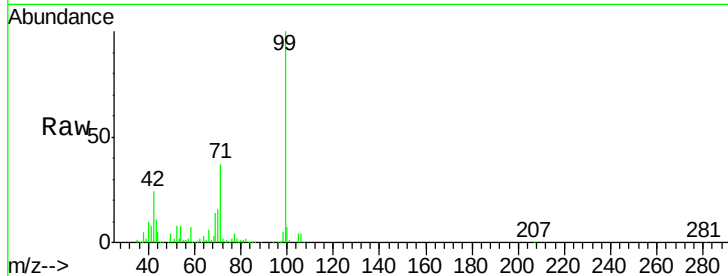
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion:	77	Resp:	71215
Ion	Ratio	Lower	Upper
77	100		
105	85.9	78.8	118.8
106	84.1	73.7	113.7

Manual Integrations
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#10

Phenol

Concen: 9.481 ng

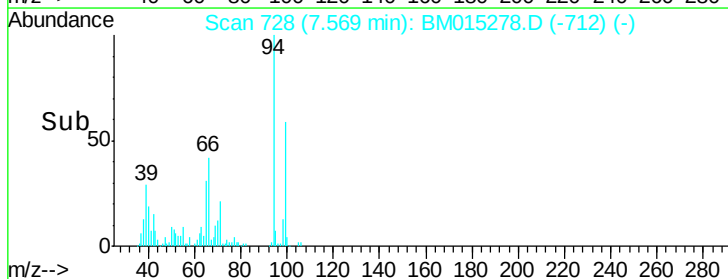
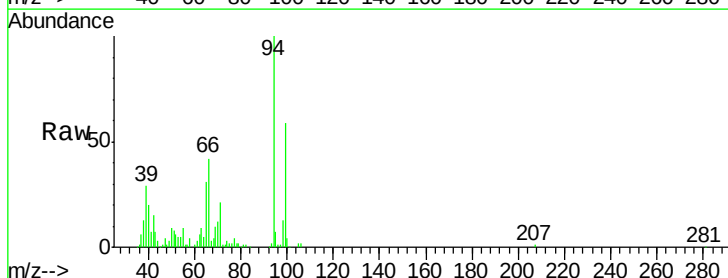
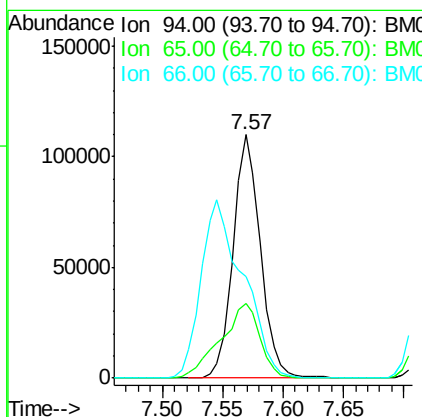
RT: 7.57 min Scan# 728

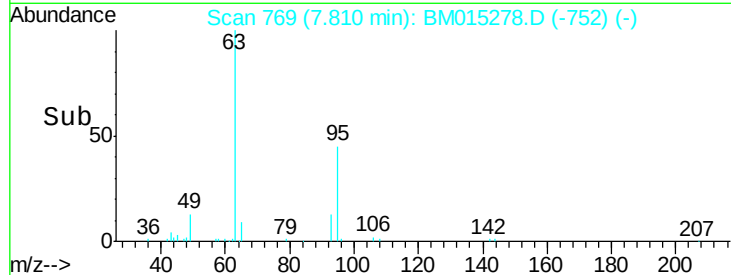
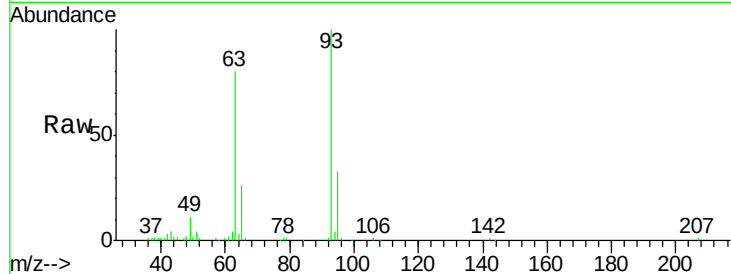
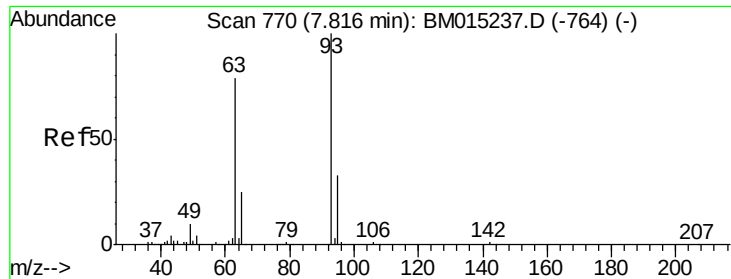
Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion:	94	Resp:	173296
Ion	Ratio	Lower	Upper
94	100		
65	30.6	18.8	58.8
66	41.6	39.9	79.9





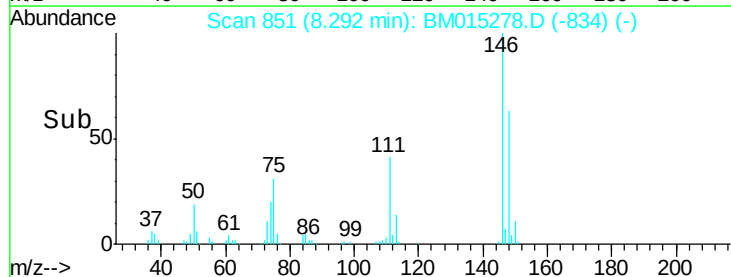
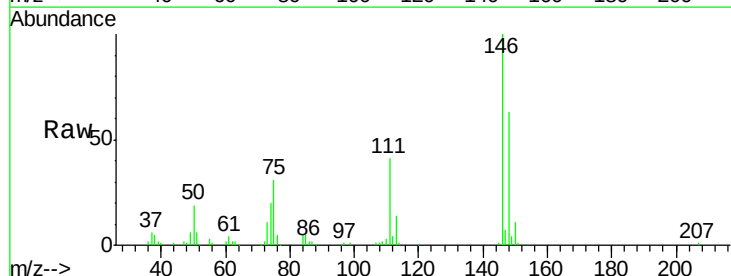
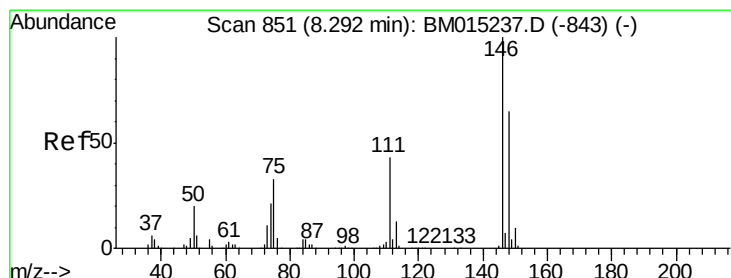
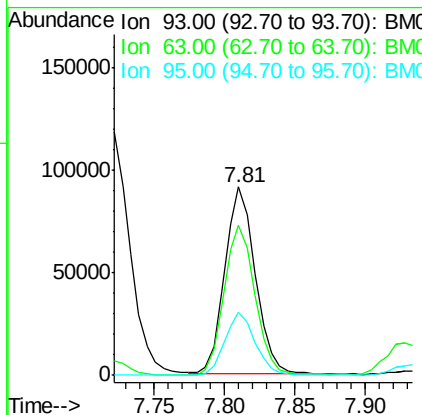
#11
bis(2-Chloroethyl)ether
Concen: 9.417 ng
RT: 7.81 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tot Ion	93	Resp	136530
Ion	Ratio	Lower	Upper
93	100		
63	79.7	49.5	89.5
95	33.4	13.5	53.5

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

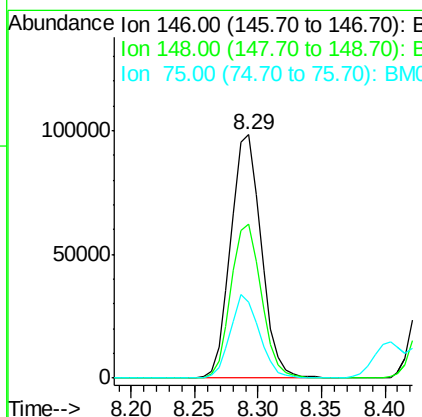
Manual Integrations
APPROVED

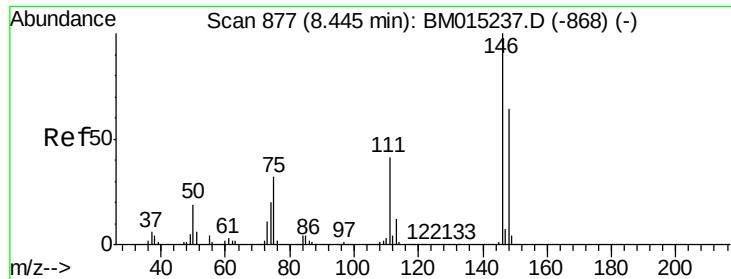
Sohil
5/24/2018 5:38:10 PM



#12
1,3-Dichlorobenzene
Concen: 9.257 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.00 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	146	Resp	164630
Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.9	76.3
75	31.0	21.4	32.2





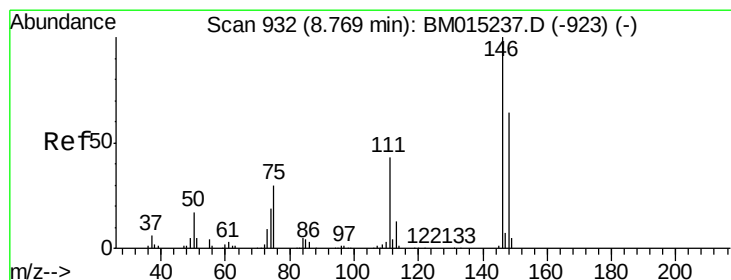
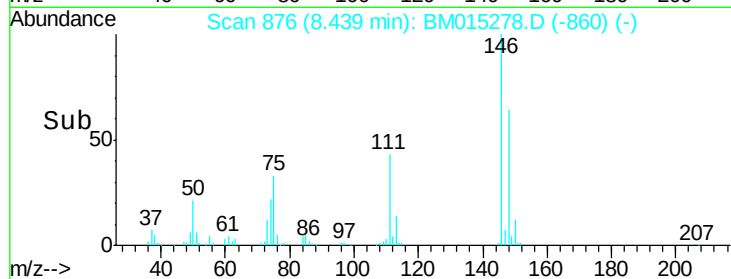
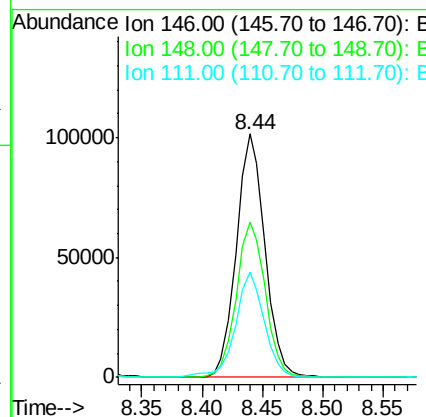
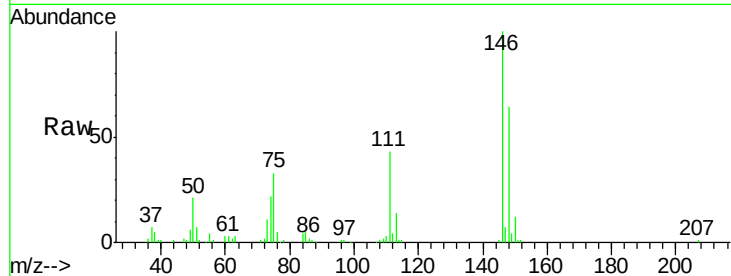
#13
 1,4-Dichlorobenzene
 Concen: 9.315 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.9	77.9
111	43.1	29.2	43.8

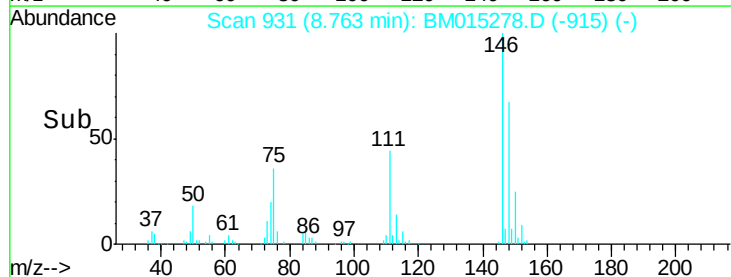
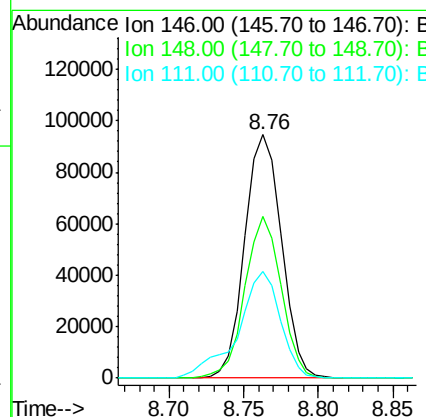
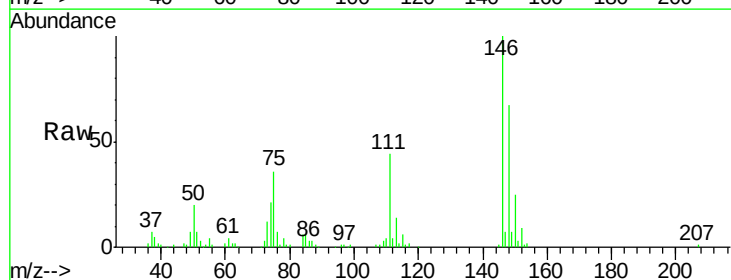
Manual Integrations
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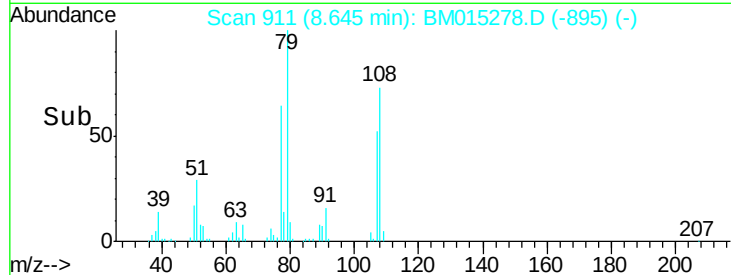
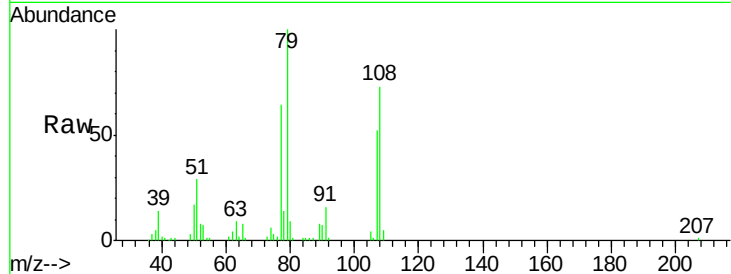
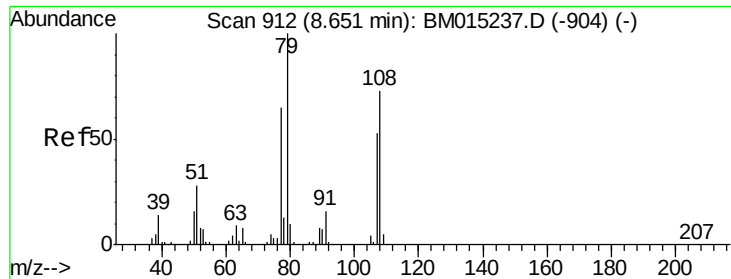
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#14
 1,2-Dichlorobenzene
 Concen: 9.435 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	52.3	78.5
111	44.0	30.6	45.8





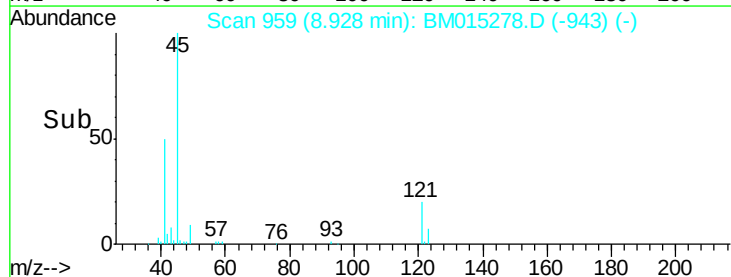
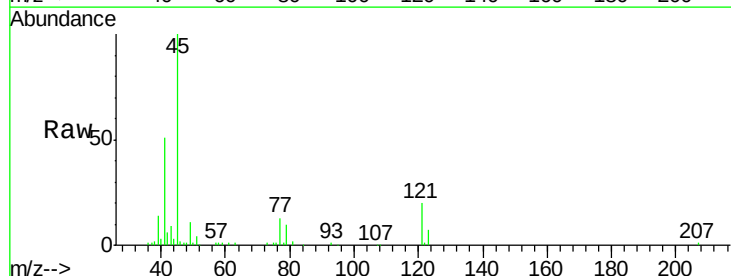
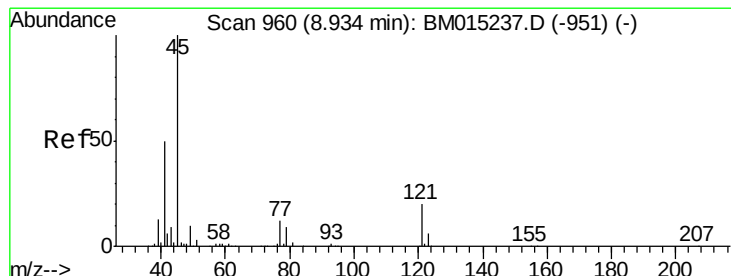
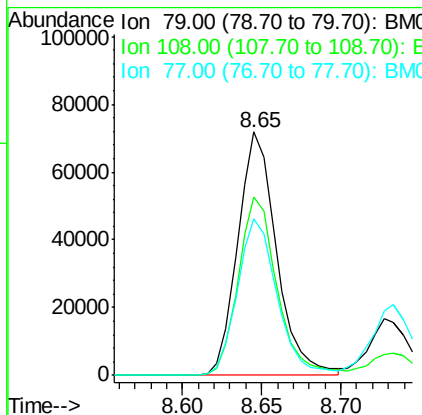
#15
Benzyl Alcohol
Concen: 9.359 ng
RT: 8.65 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	73.4	65.0	97.4	
77	64.1	53.0	79.6	

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

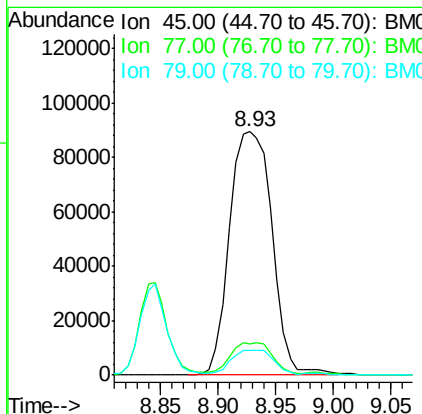
Manual Integrations
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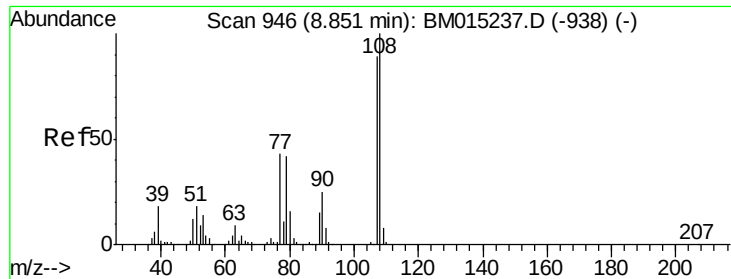
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.983 ng
RT: 8.93 min Scan# 959
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	13.0	0.0	35.2	
79	10.0	0.0	32.0	





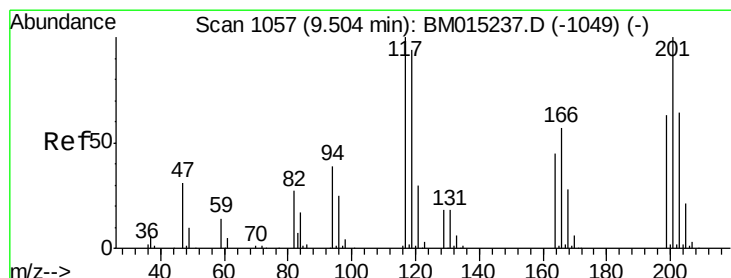
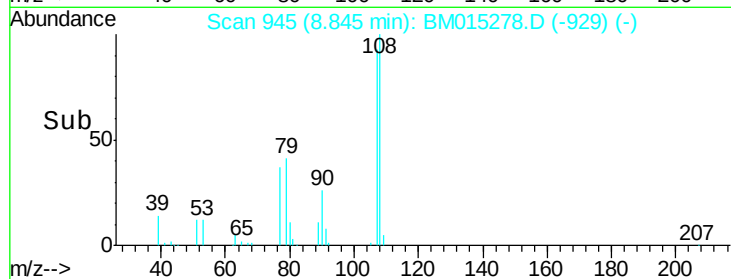
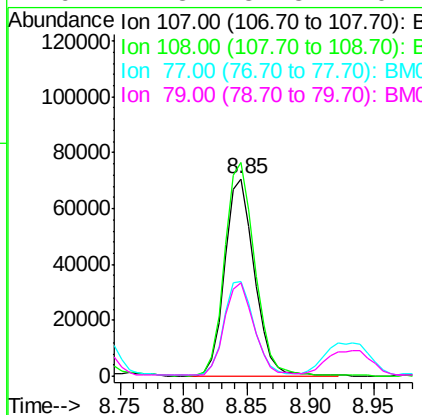
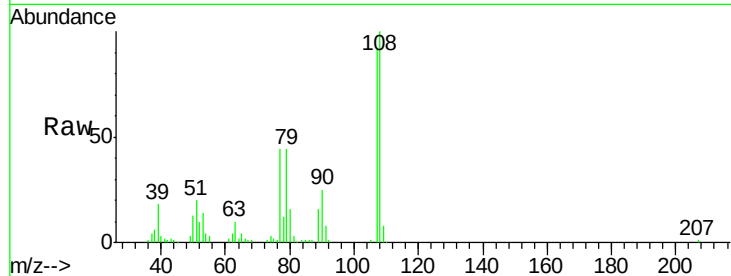
#17
2-Methylphenol
Concen: 9.427 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.3	89.8	134.8	
77	47.9	32.6	48.8	
79	47.3	32.8	49.2	

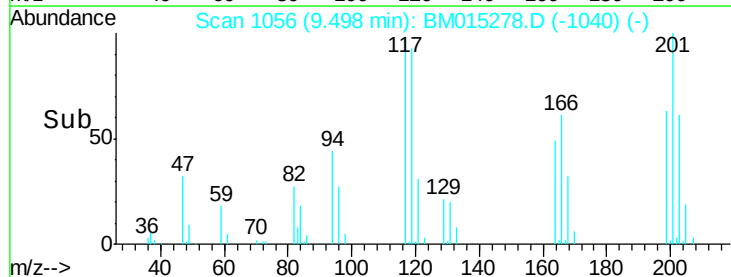
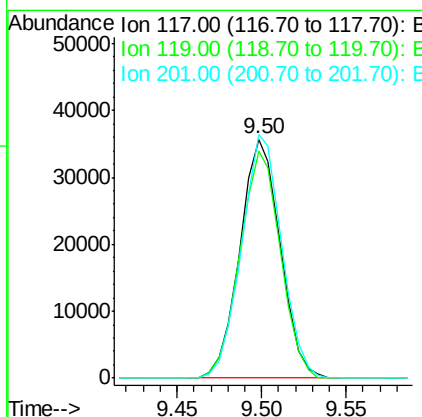
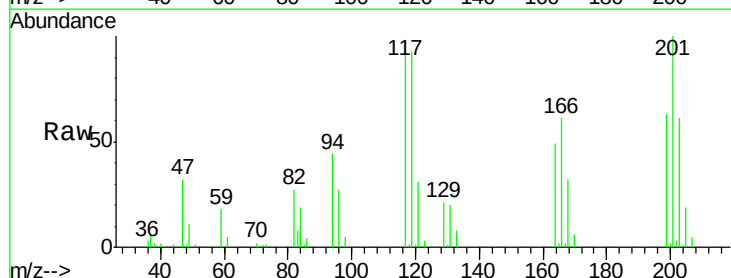
Manual Integrations
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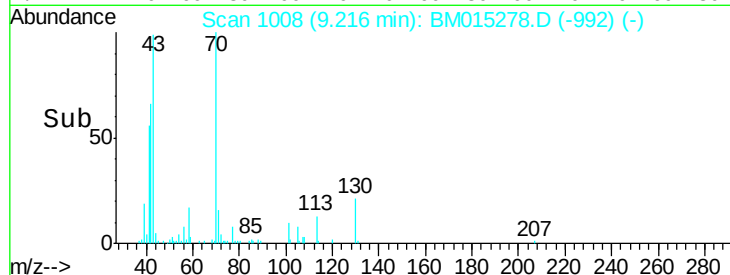
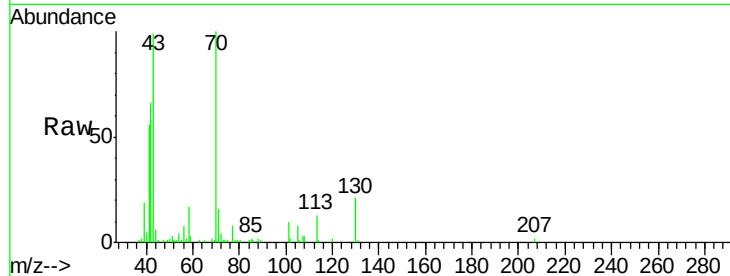
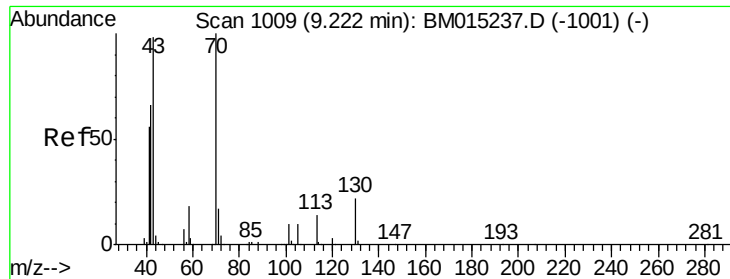
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#18
Hexachloroethane
Concen: 9.248 ng
RT: 9.50 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	79.2	118.8	
201	101.9	69.8	104.6	





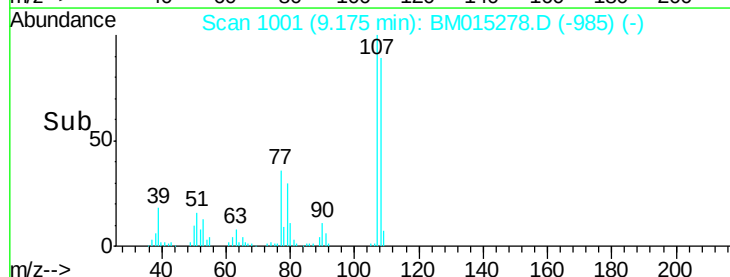
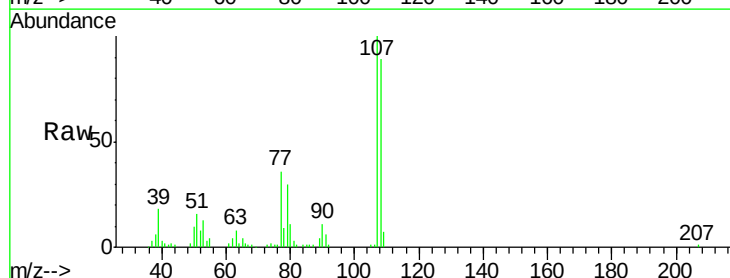
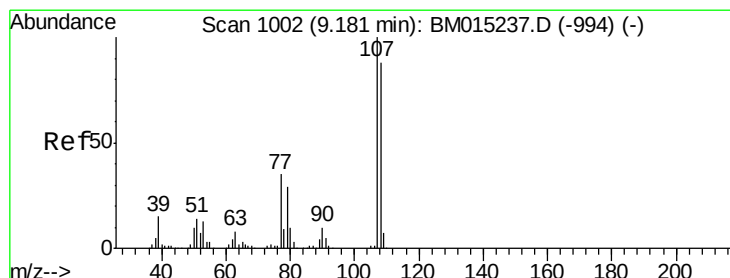
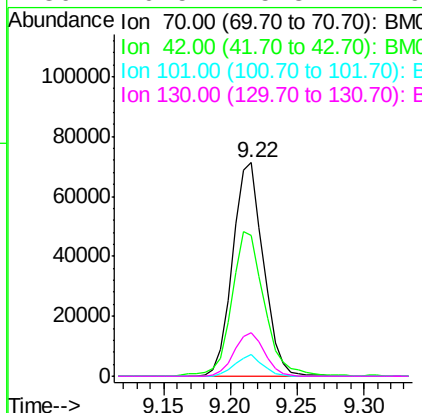
#19
n-Nitroso-di-n-propylamine
Concen: 9.952 ng
RT: 9.22 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		114165		
42	66.0	44.5	66.7		
101	10.0	7.4	11.2		
130	20.5	15.3	22.9		

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

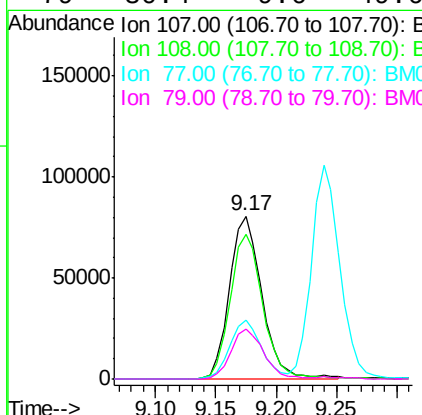
Manual Integrations
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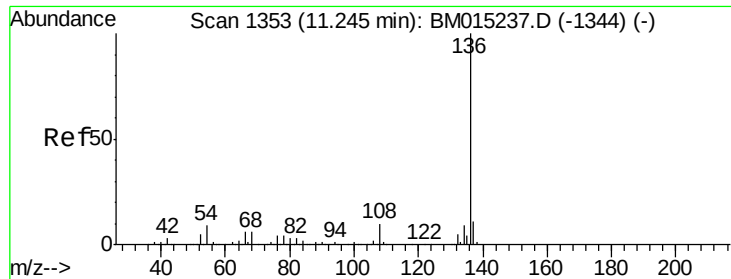
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#20
3+4-Methylphenols
Concen: 9.381 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		151340		
108	88.8	73.2	113.2		
77	36.0	10.7	50.7		
79	30.4	9.6	49.6		





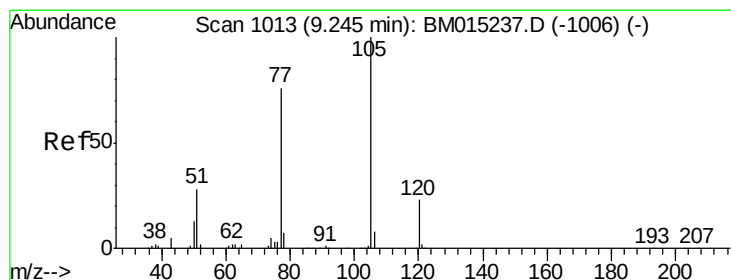
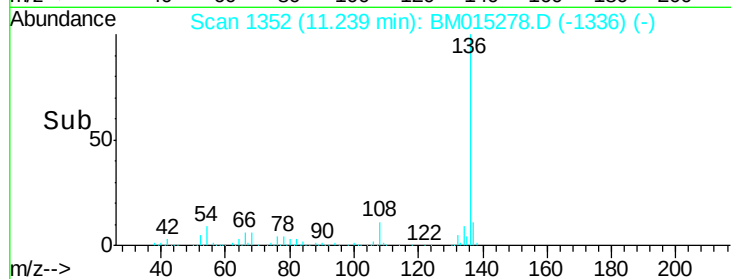
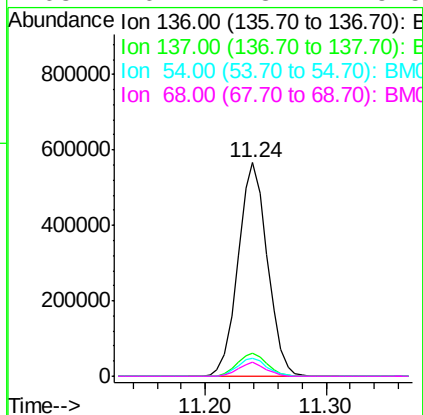
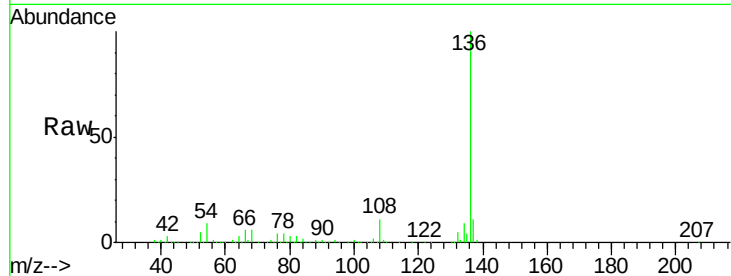
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.24 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
136	100	955529		
137	10.6	8.7	13.1	
54	8.6	4.6	6.8#	
68	6.4	3.7	5.5#	

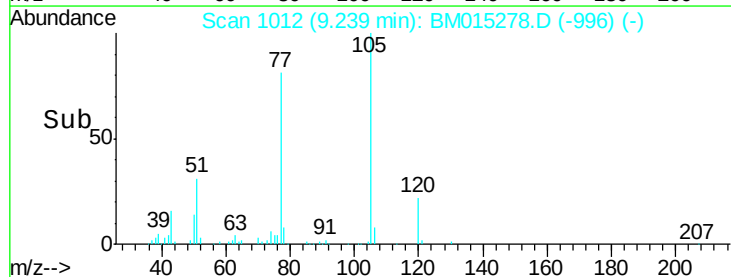
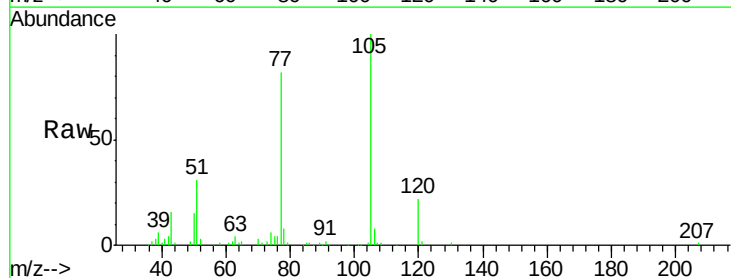
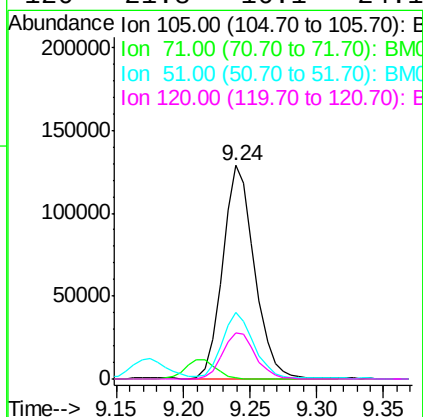
Manual Integrations
APPROVED

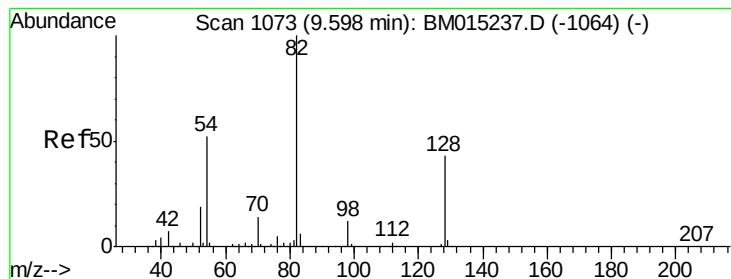
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#22
Acetophenone
Concen: 9.376 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	214916		
71	0.6	0.6	1.0#	
51	31.2	21.6	32.4	
120	21.8	16.1	24.1	





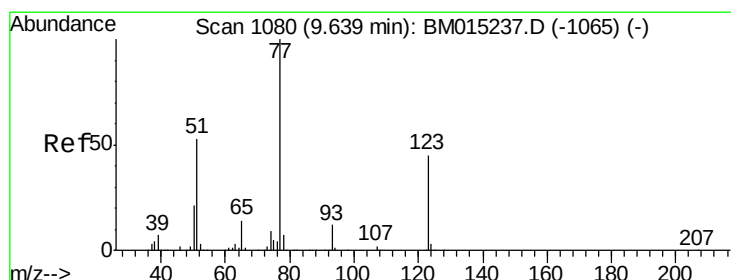
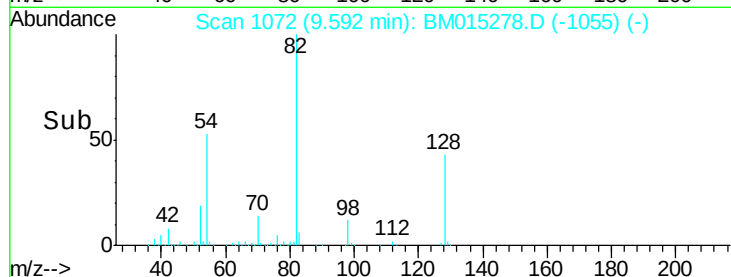
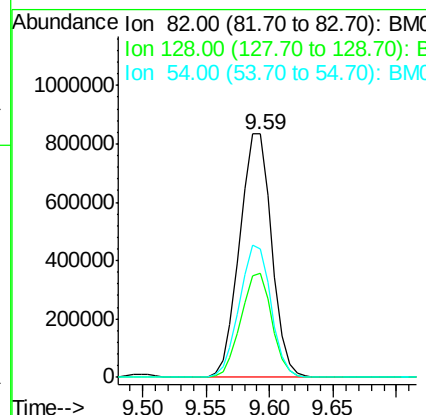
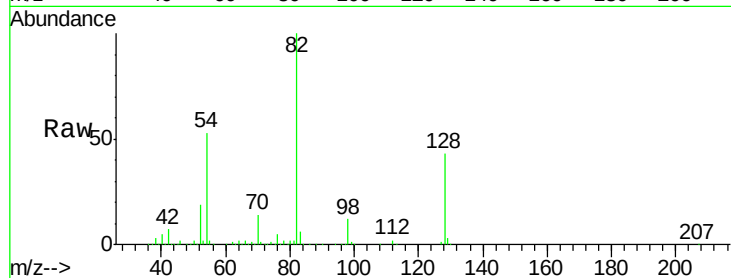
#23
 Nitrobenzene-d5
 Concen: 83.814 ng
 RT: 9.59 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.8	49.2
54	52.5	40.6	60.8

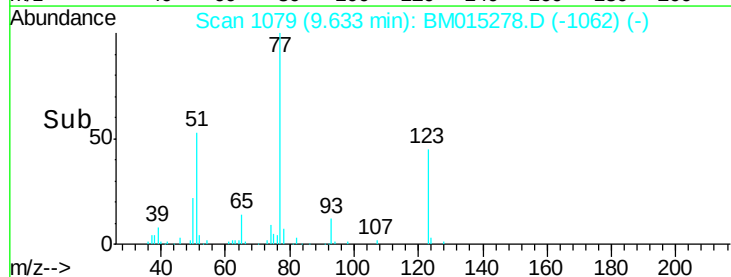
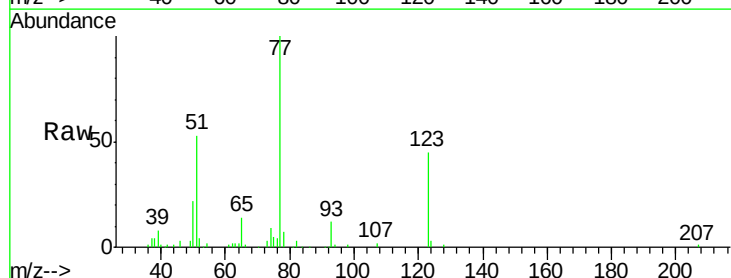
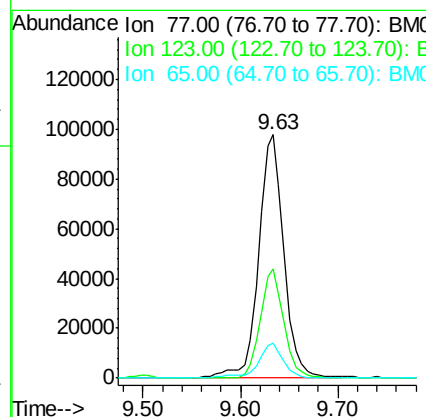
Manual Integrations
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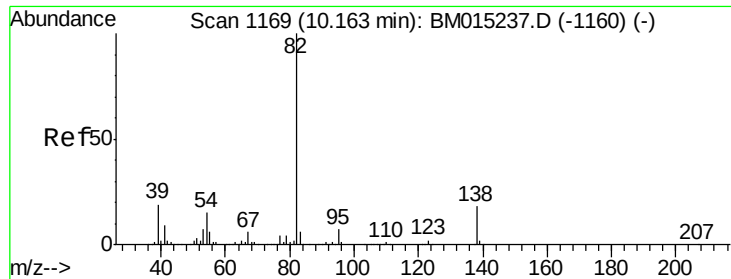
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#24
 Nitrobenzene
 Concen: 9.792 ng
 RT: 9.63 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	32.6	49.0
65	14.1	10.9	16.3





#25

Isophorone

Concen: 9.369 ng

RT: 10.15 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

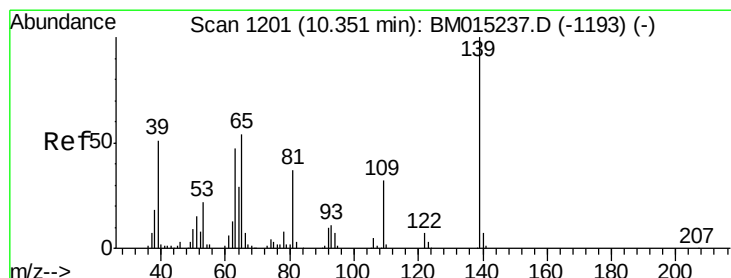
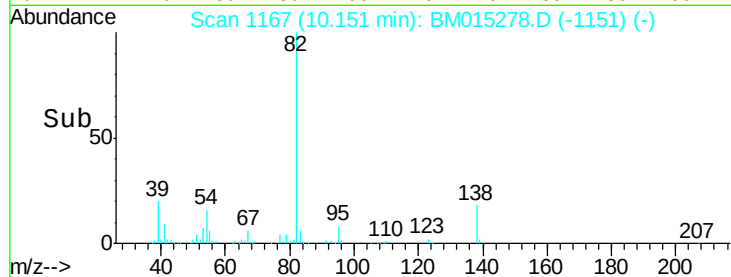
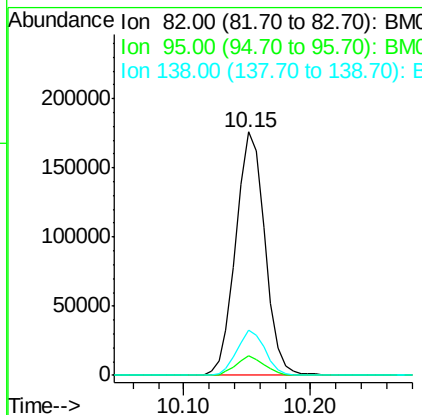
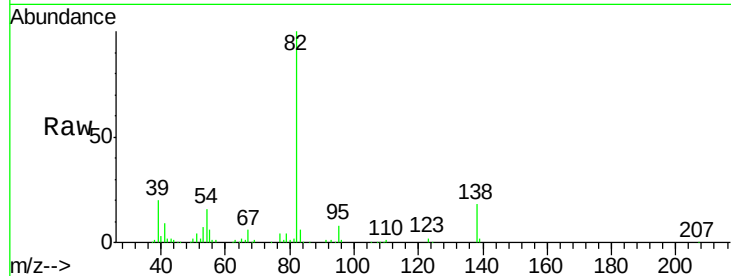
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion:	82	Resp:	280711
Ion Ratio	Lower	Upper	
82	100		
95	7.8	5.8	8.6
138	18.3	16.3	24.5

Manual Integrations
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#26

2-Nitrophenol

Concen: 8.131 ng

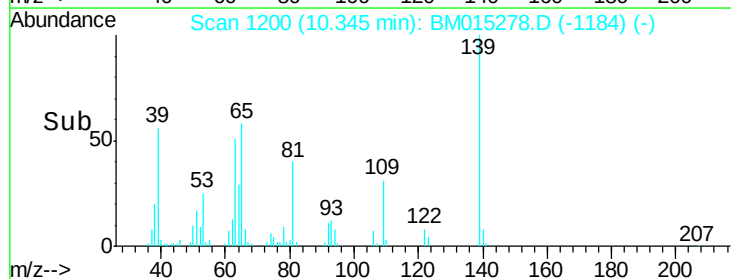
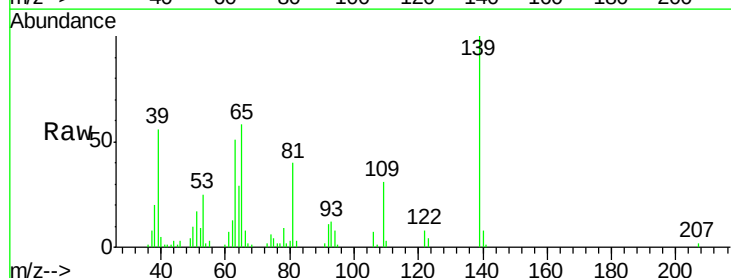
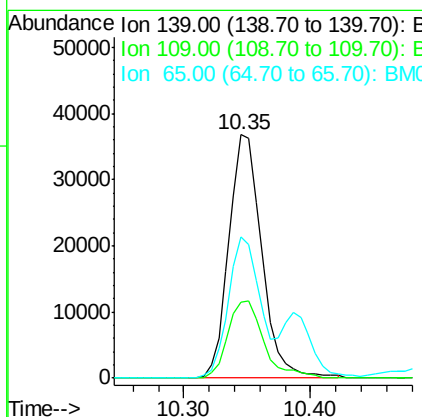
RT: 10.35 min Scan# 1200

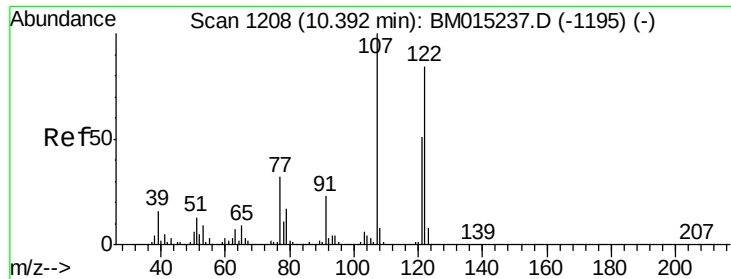
Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion:	139	Resp:	66262
Ion Ratio	Lower	Upper	
139	100		
109	31.2	20.1	30.1#
65	57.8	31.5	47.3#





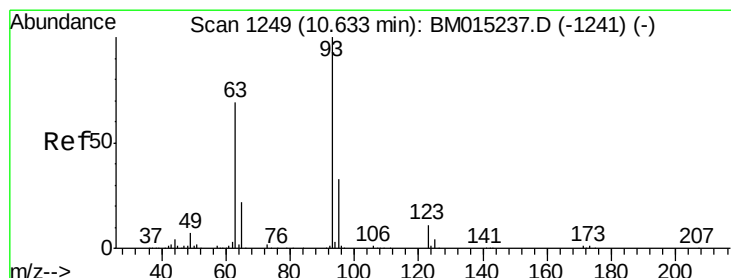
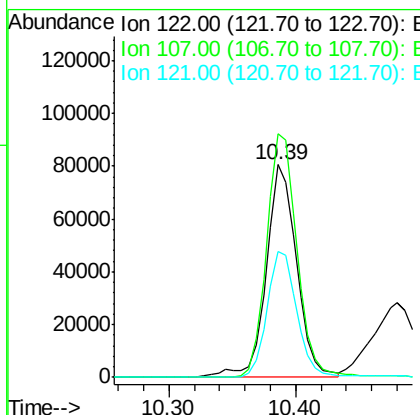
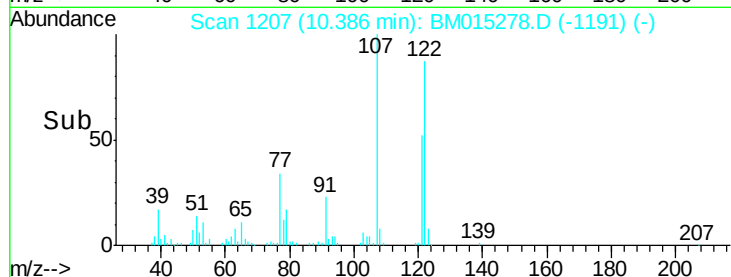
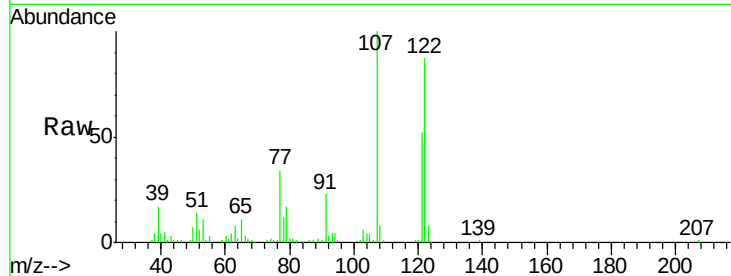
#27
2,4-Dimethylphenol
Concen: 9.114 ng
RT: 10.39 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	84.7	127.1
121	59.5	46.6	69.8

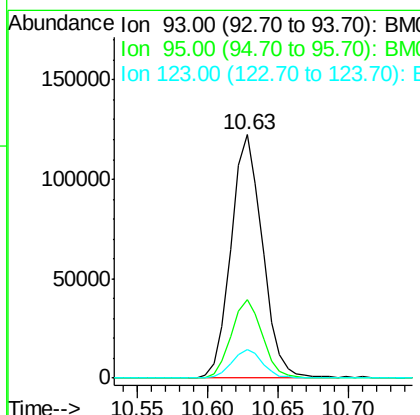
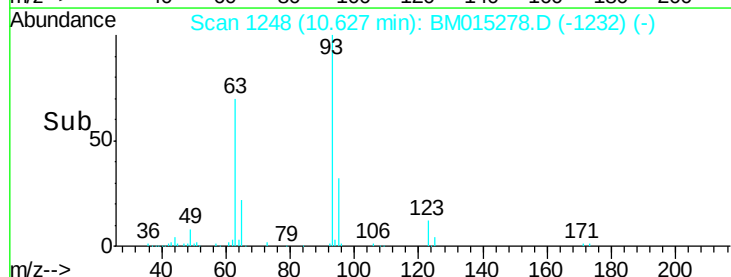
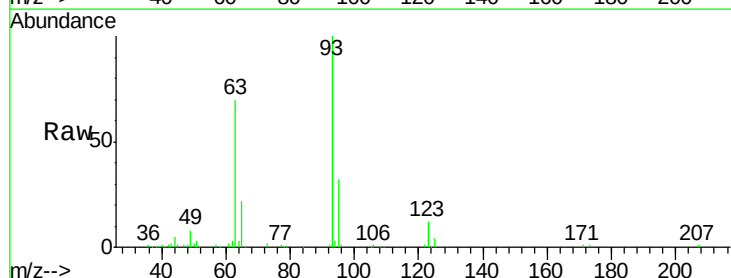
Manual Integrations
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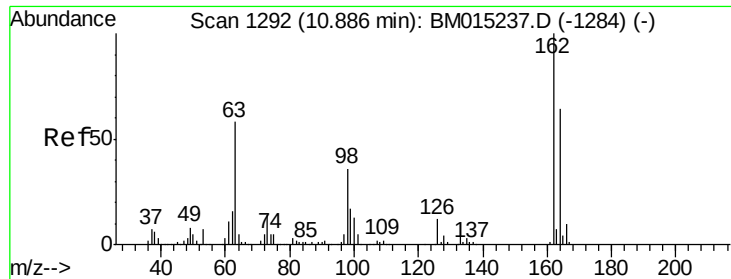
Sohil
5/24/2018 5:38:10 PM



#28
bis(2-Chloroethoxy)methane
Concen: 9.692 ng
RT: 10.63 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	11.9	8.6	13.0





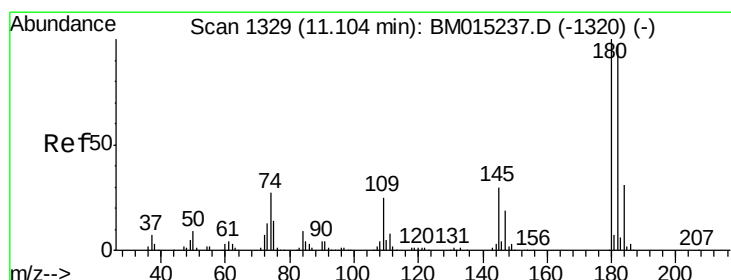
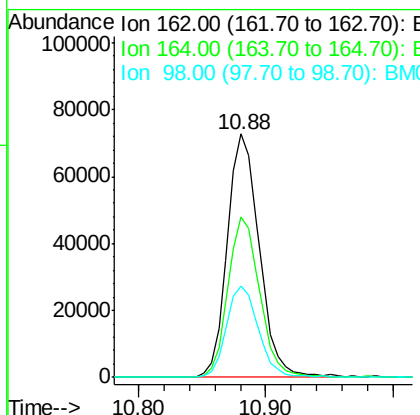
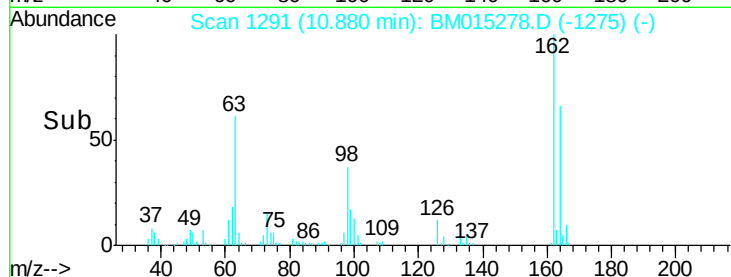
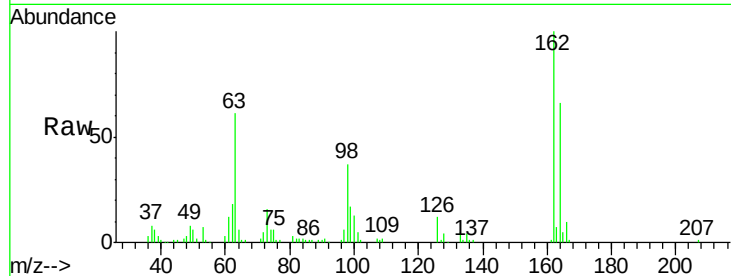
#29
2,4-Dichlorophenol
Concen: 9.050 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
162	100	126650		
164	66.1	42.8	82.8	
98	37.3	14.5	54.5	

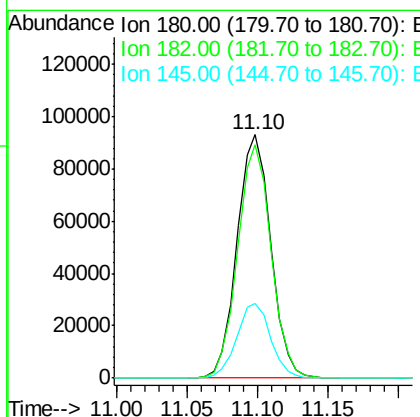
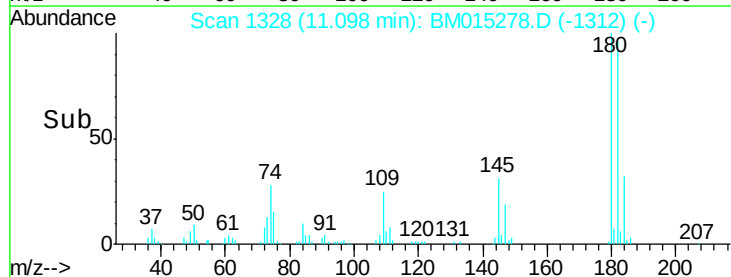
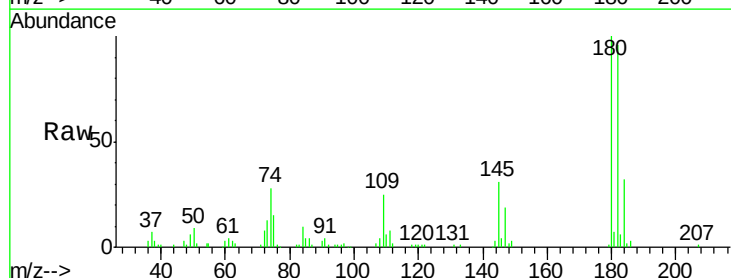
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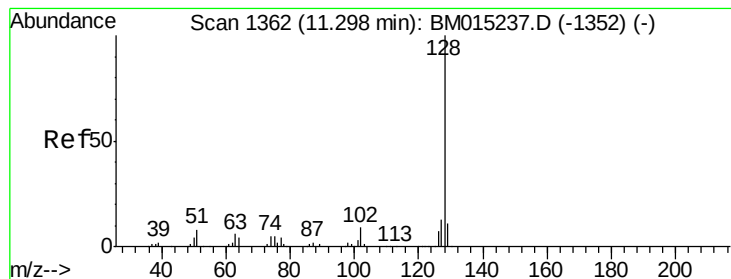
Sohil
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#30
1,2,4-Trichlorobenzene
Concen: 9.438 ng
RT: 11.10 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	155616		
182	96.0	77.6	116.4	
145	30.6	23.4	35.2	





#31

Naphthalene

Concen: 9.316 ng

RT: 11.29 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

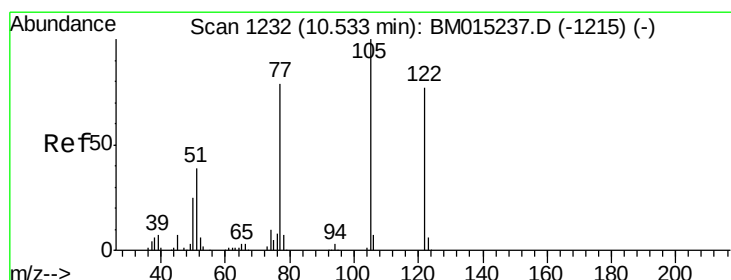
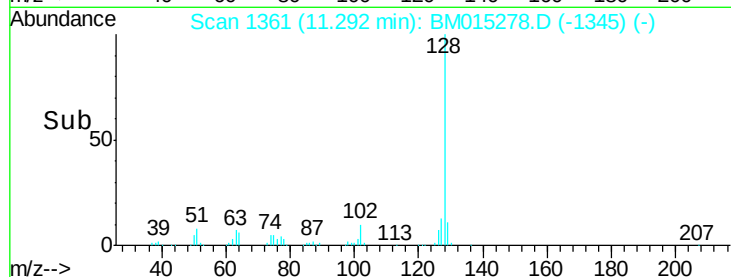
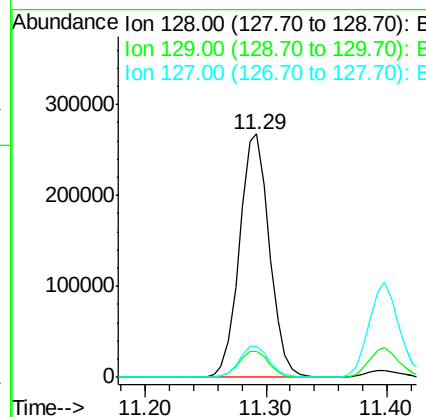
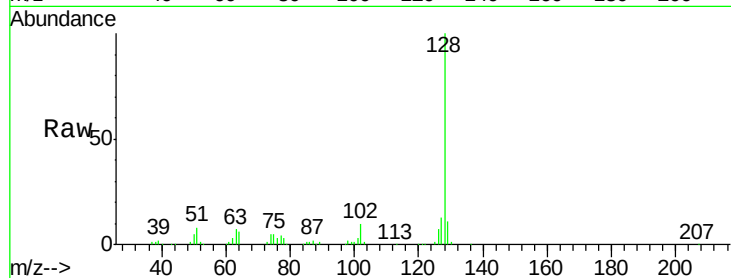
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion:	128	Resp:	462698
Ion Ratio		Lower	Upper
128	100		
129	10.7	8.9	13.3
127	13.0	10.4	15.6

Manual Integrations
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#32

Benzoic acid

Concen: 7.720 ng

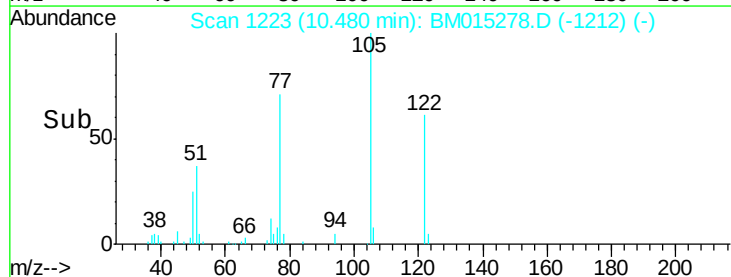
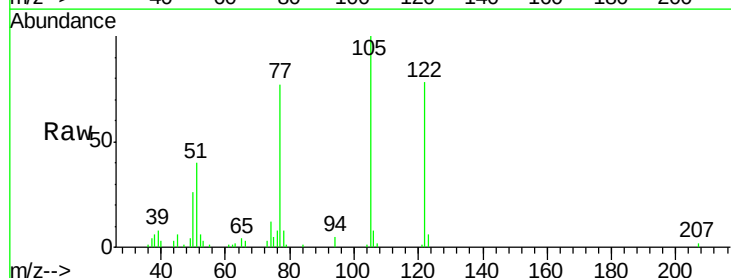
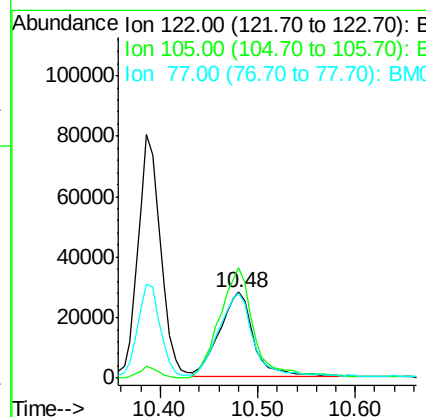
RT: 10.48 min Scan# 1223

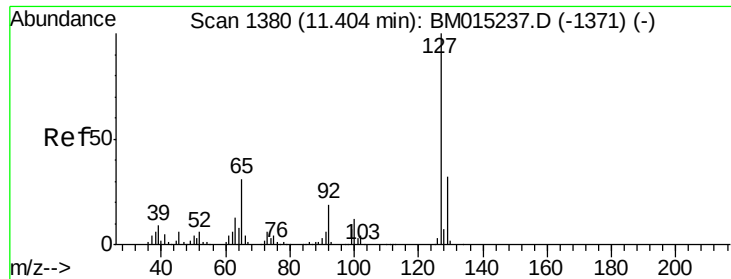
Delta R.T. -0.04 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion:	122	Resp:	65999
Ion Ratio		Lower	Upper
122	100		
105	129.0	99.9	139.9
77	99.0	73.7	113.7





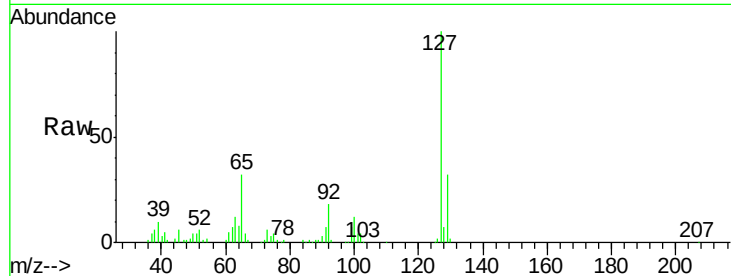
#33
4-Chloroaniline
Concen: 9.267 ng
RT: 11.40 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

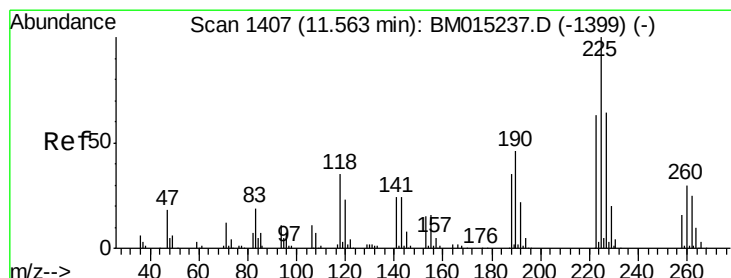
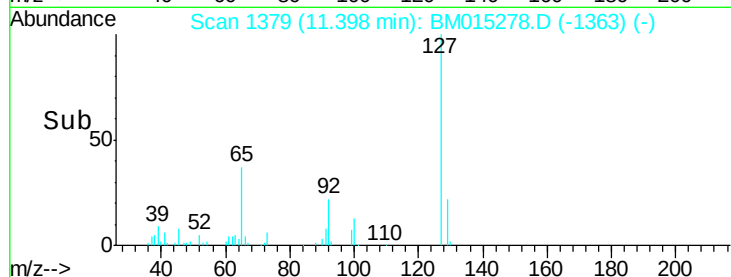
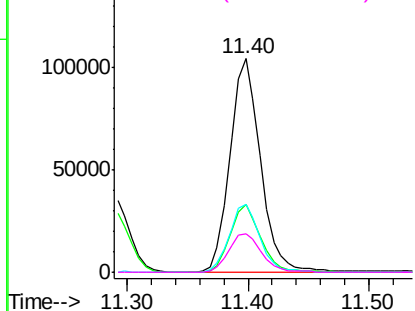
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.3	37.9	
65	31.5	17.6	26.4	
92	18.2	13.1	19.7	

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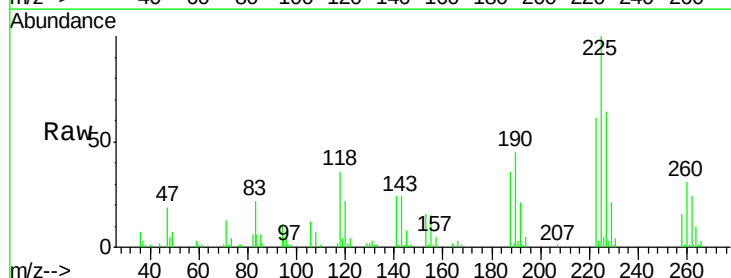


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

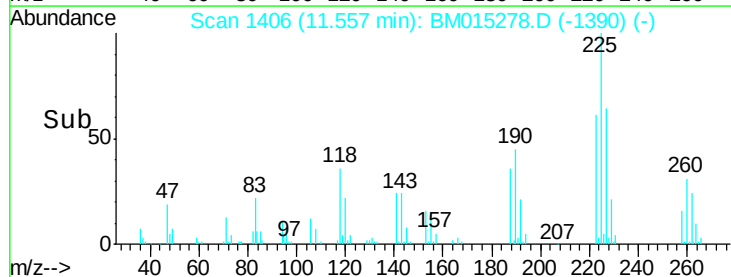
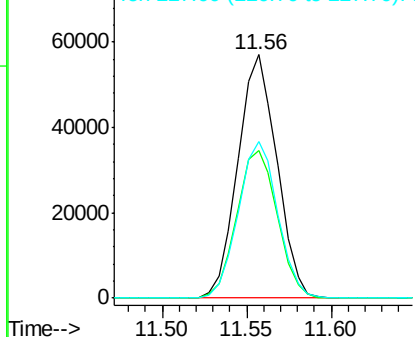


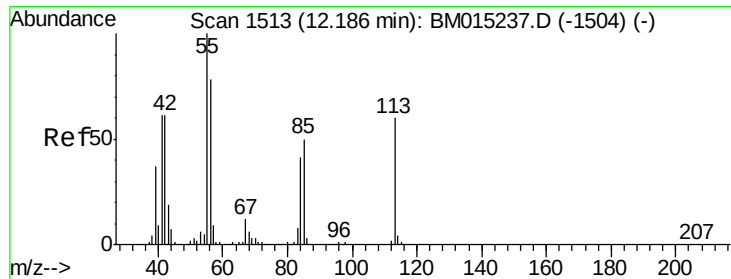
#34
Hexachlorobutadiene
Concen: 9.343 ng
RT: 11.56 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.6	47.9	71.9	
227	64.4	50.1	75.1	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 7.850 ng

RT: 12.16 min Scan# 1508

Delta R.T. -0.02 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

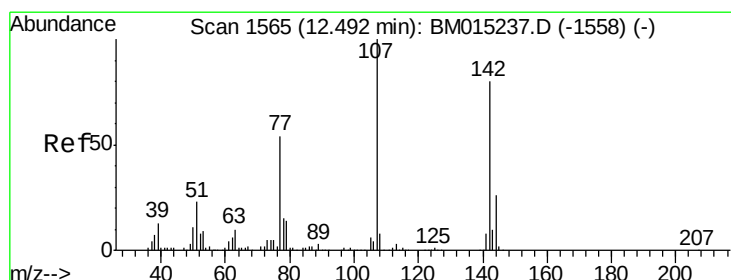
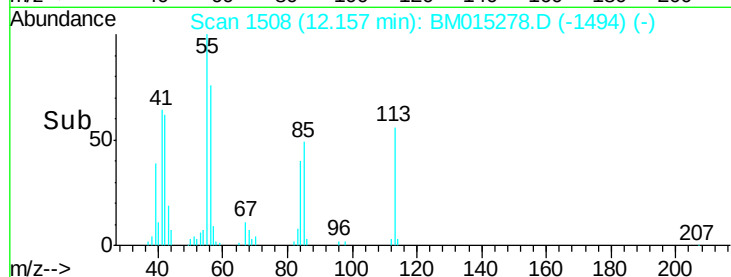
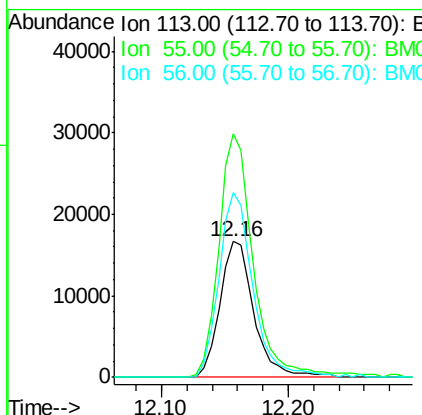
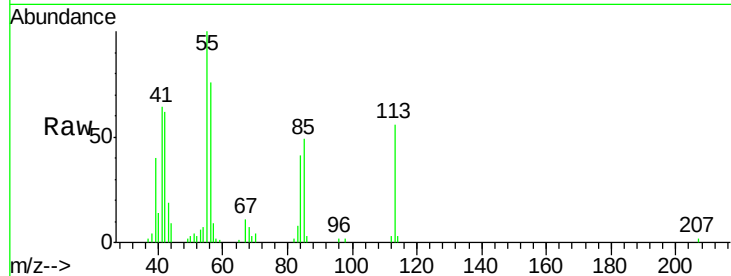
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion:	113	Resp:	31095
Ion Ratio	Lower	Upper	
113	100		
55	179.6	145.9	185.9
56	136.6	101.0	141.0

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#36

4-Chloro-3-methylphenol

Concen: 9.307 ng

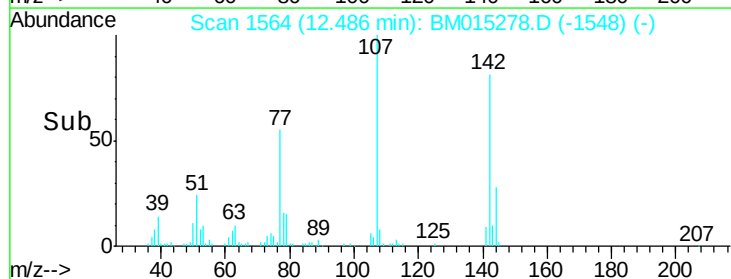
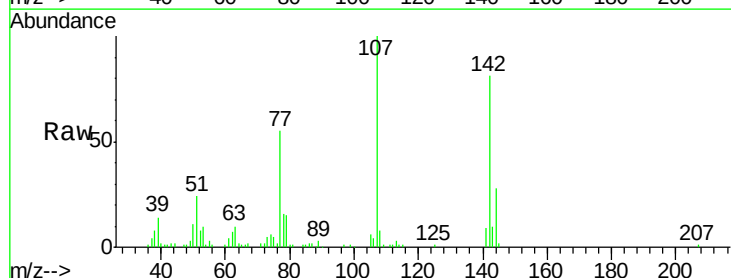
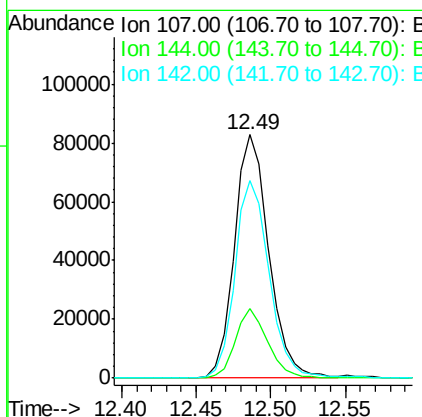
RT: 12.49 min Scan# 1564

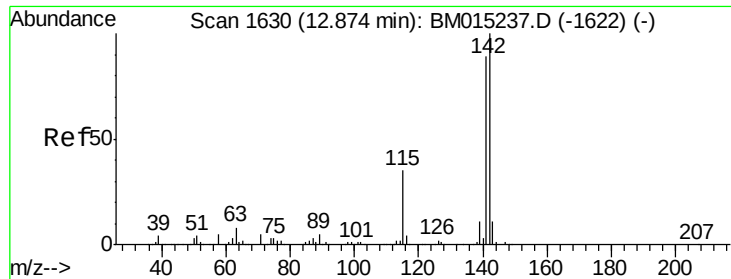
Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion:	107	Resp:	133063
Ion Ratio	Lower	Upper	
107	100		
144	28.3	23.3	34.9
142	81.0	72.6	109.0





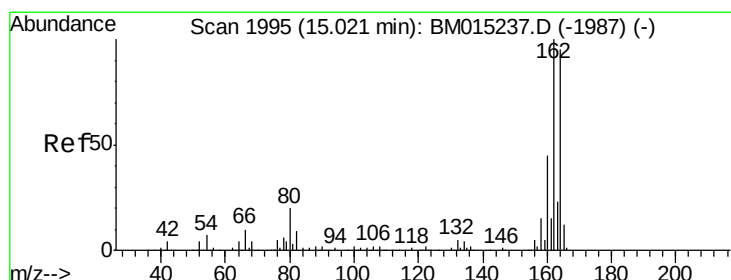
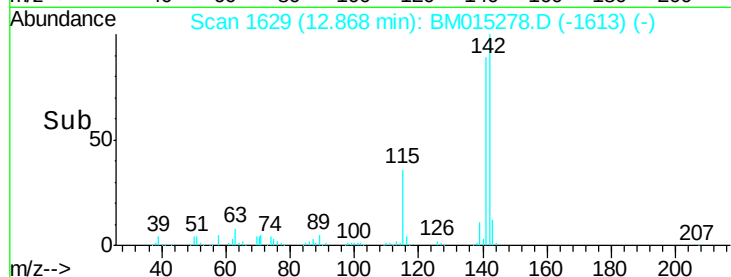
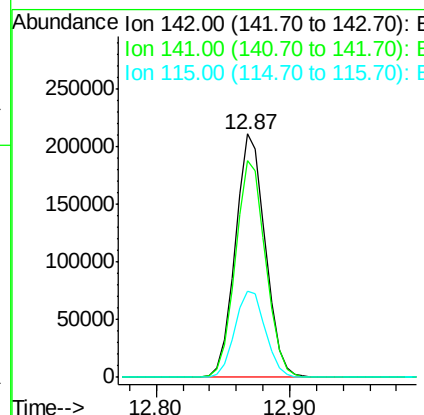
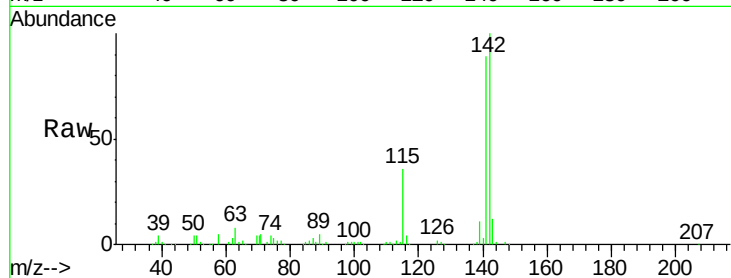
#37
2-Methylnaphthalene
Concen: 9.570 ng
RT: 12.87 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.9	107.9
115	35.6	25.4	38.0

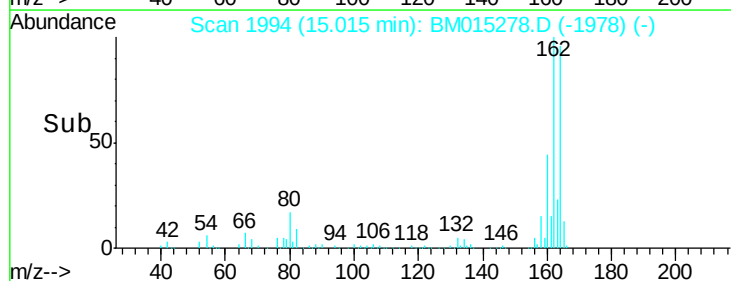
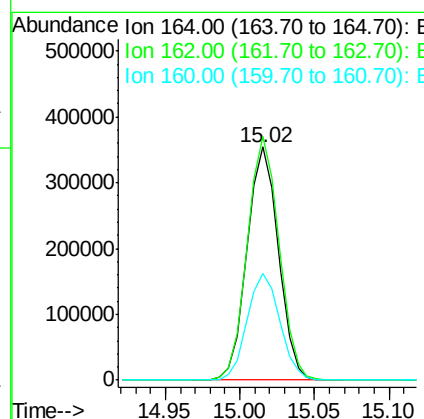
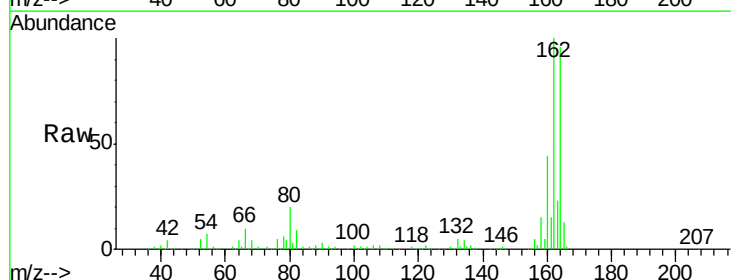
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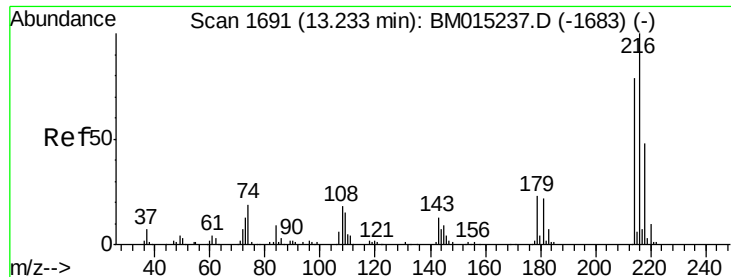
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.4	123.6
160	45.9	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 9.232 ng

RT: 13.23 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

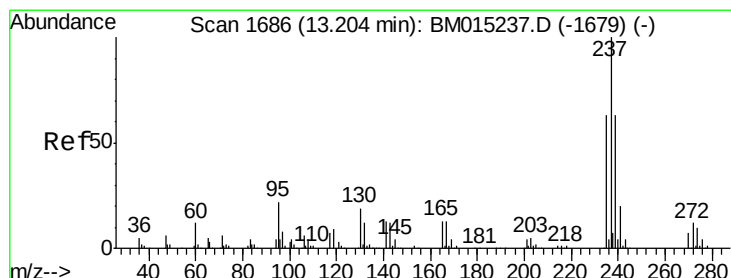
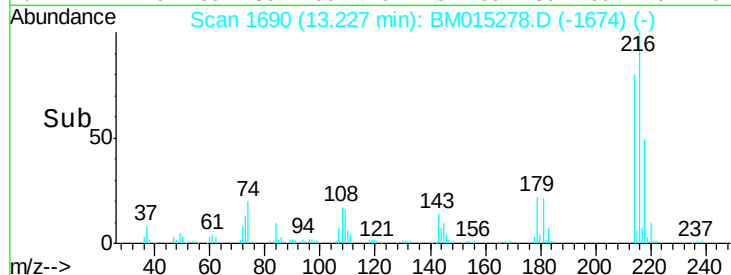
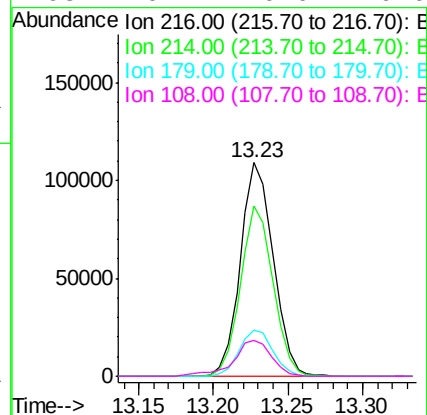
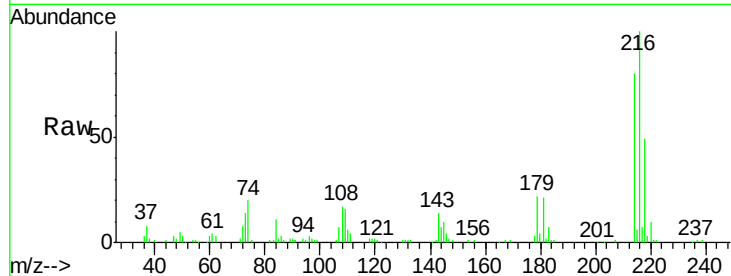
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	22.3	0.0	0.0#
108	19.4	0.0	0.0#

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#40

Hexachlorocyclopentadiene

Concen: 11.553 ng

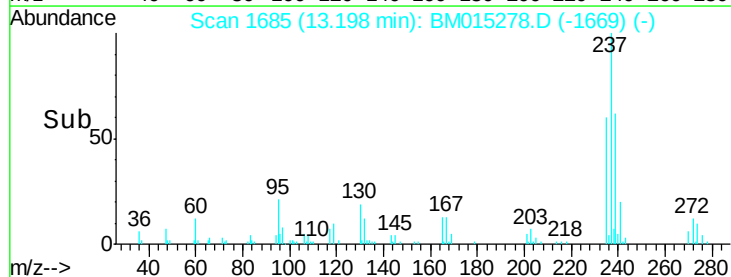
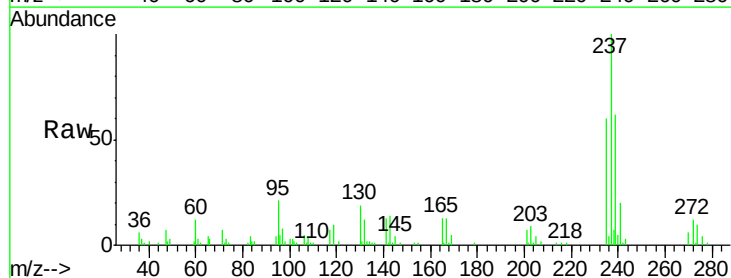
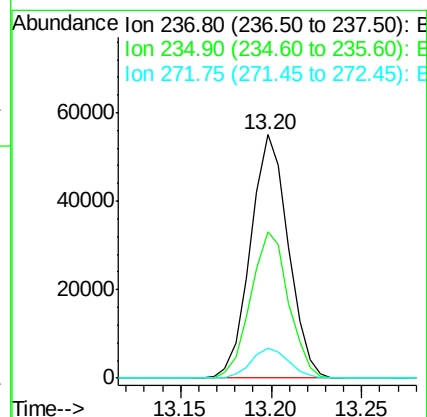
RT: 13.20 min Scan# 1685

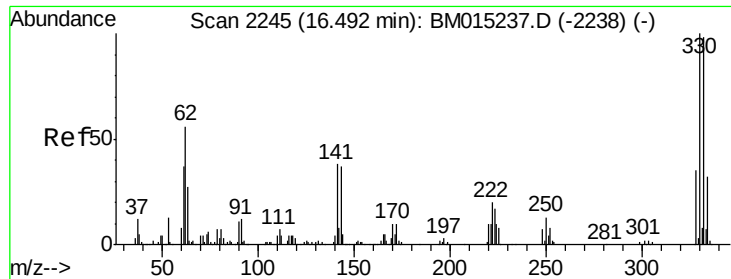
Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	60.0	42.0	82.0
272	12.3	0.0	33.4





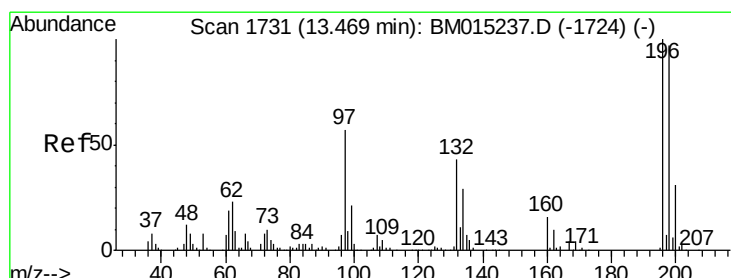
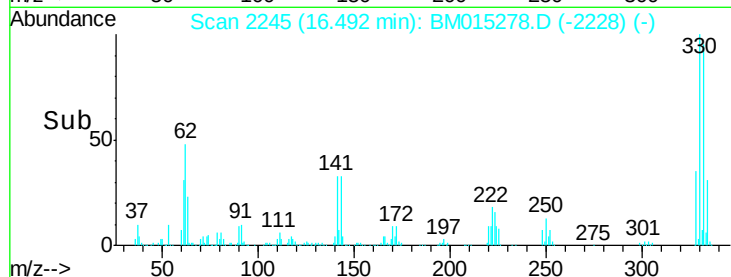
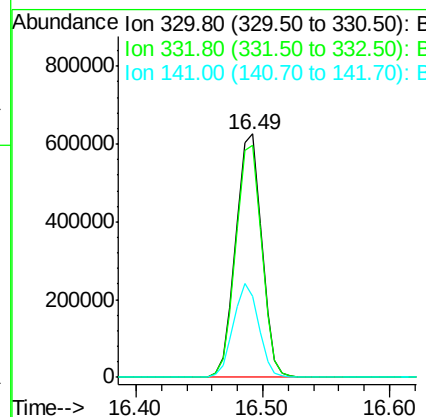
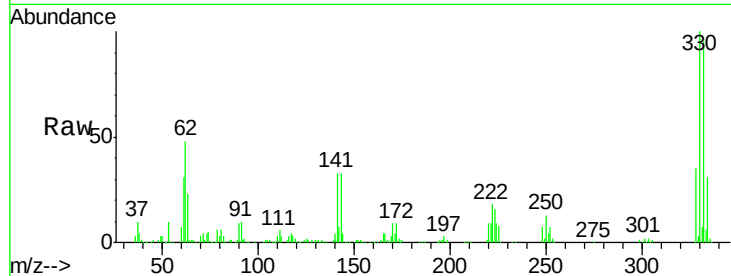
#41
 2,4,6-Tribromophenol
 Concen: 136.572 ng
 RT: 16.49 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
330	100	881123		
332	96.1	0.0	0.0	0.0
141	37.7	0.0	0.0	0.0

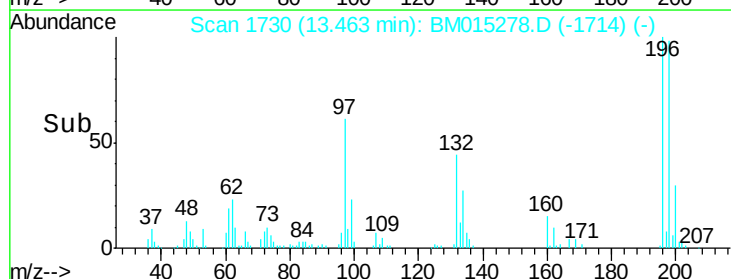
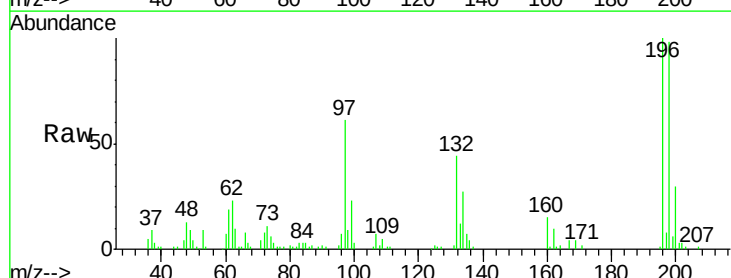
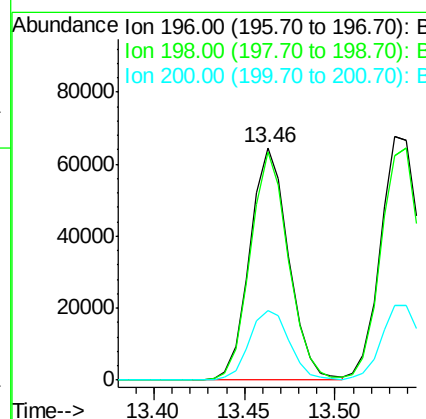
Manual Integrations
 APPROVED

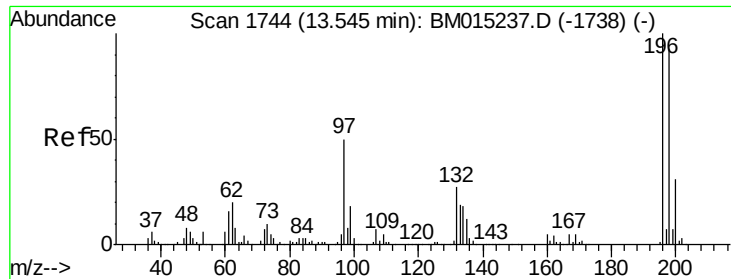
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#42
 2,4,6-Trichlorophenol
 Concen: 8.813 ng
 RT: 13.46 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	95979		
198	98.1	76.3	114.5	
200	30.1	25.6	38.4	





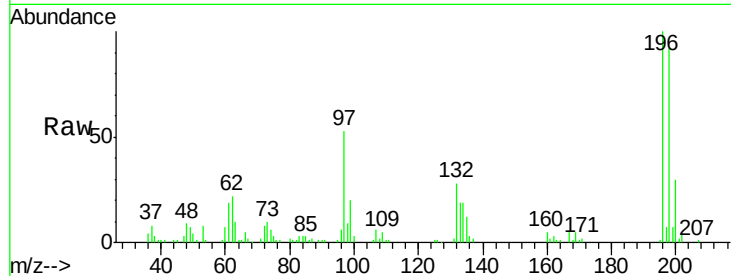
#43
 2,4,5-Trichlorophenol
 Concen: 8.959 ng
 RT: 13.53 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

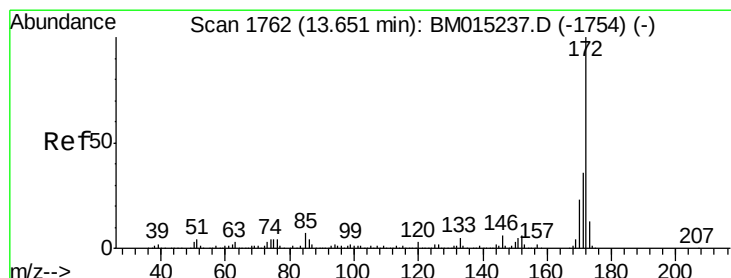
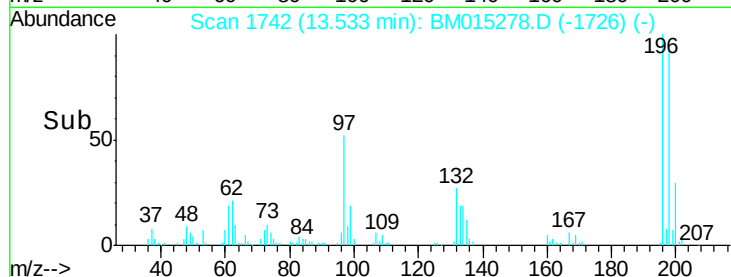
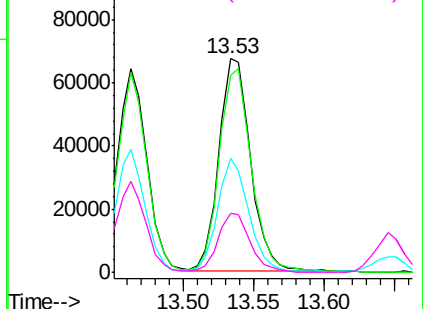
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		105348		
198	92.2	79.4	119.0		
97	53.2	26.8	40.2#		
132	27.8	18.6	28.0		

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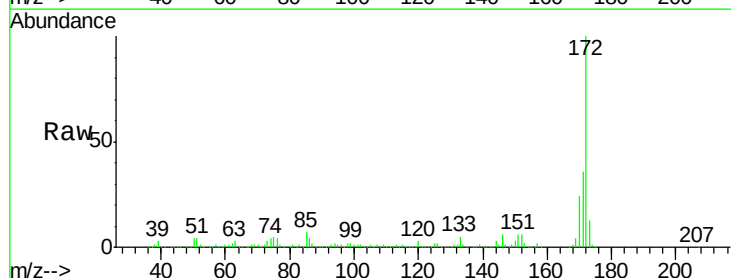


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

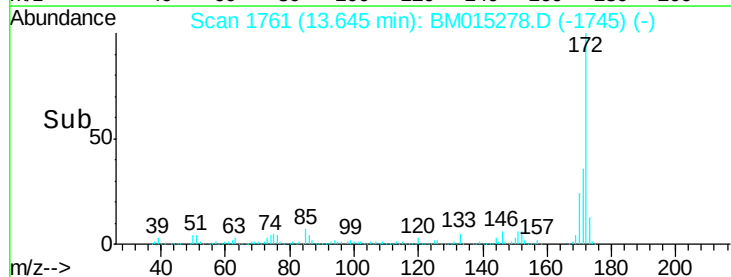
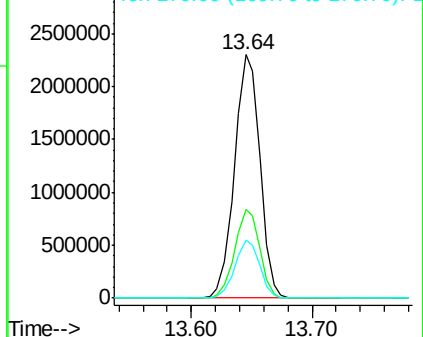


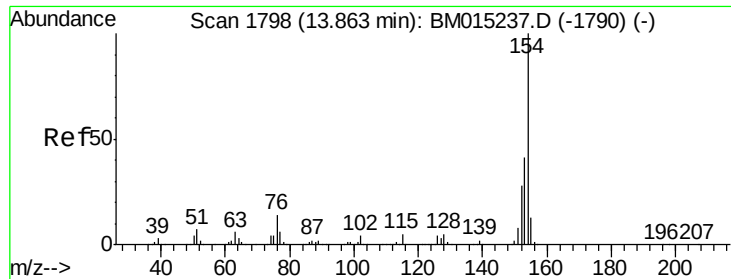
#44
 2-Fluorobiphenyl
 Concen: 81.590 ng
 RT: 13.64 min Scan# 1761
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		3376798		
171	36.2	28.5	42.7		
170	23.7	18.8	28.2		



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





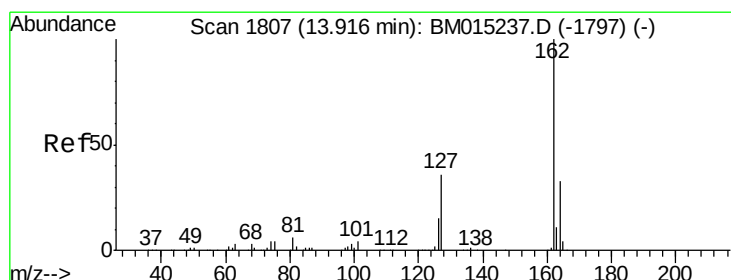
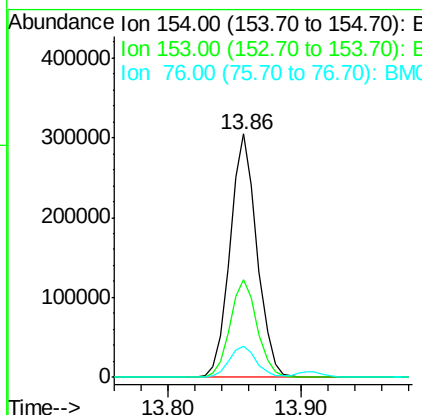
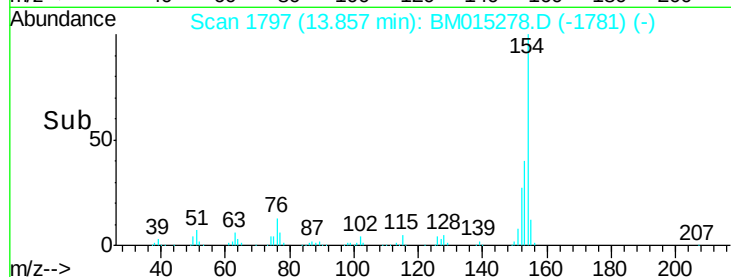
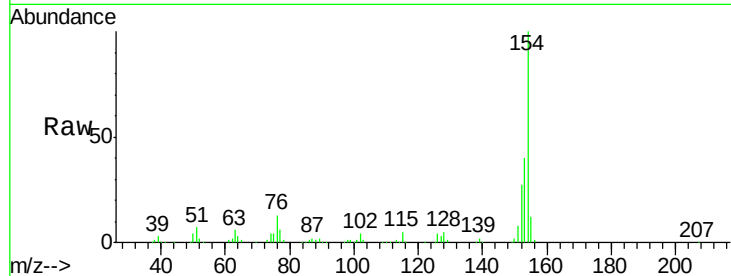
#45
 1,1'-Biphenyl
 Concen: 9.498 ng
 RT: 13.86 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	13.0	0.0	30.9

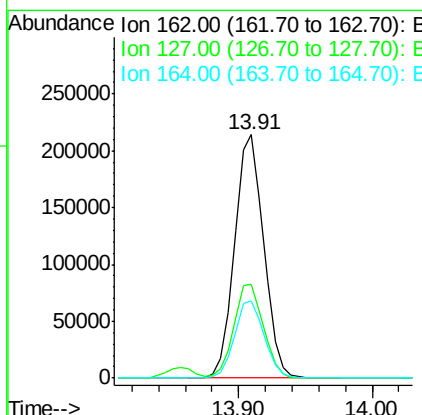
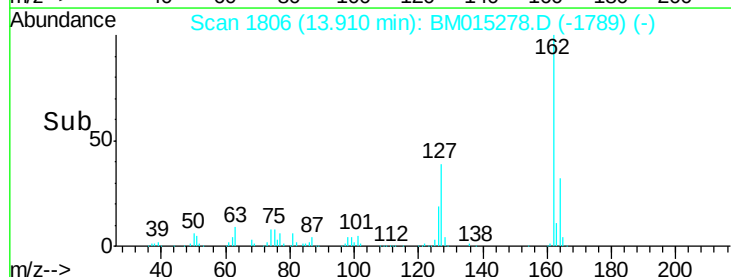
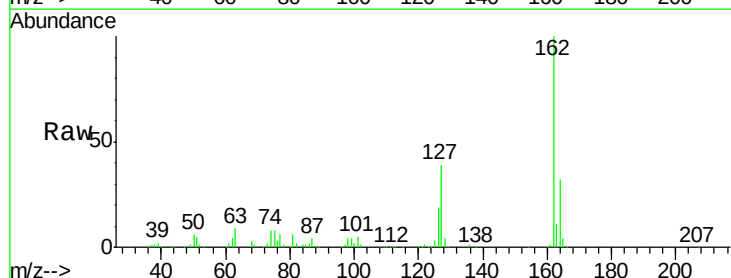
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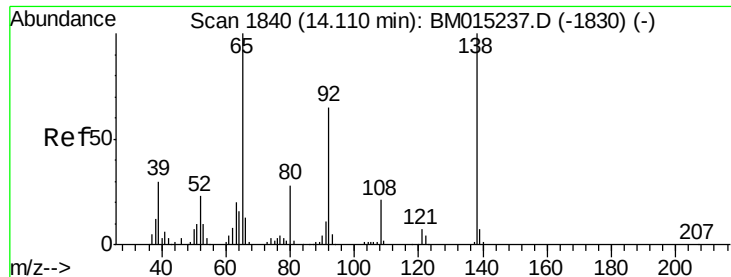
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#46
 2-Chloronaphthalene
 Concen: 9.335 ng
 RT: 13.91 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	26.9	40.3
164	31.9	26.8	40.2





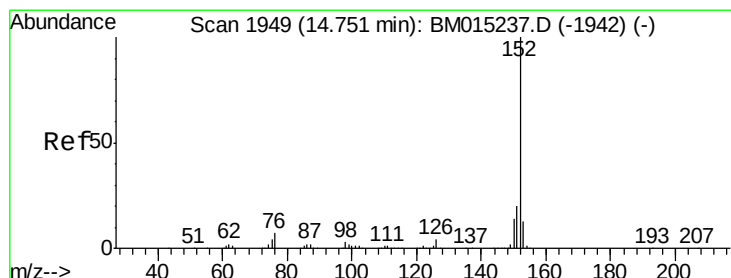
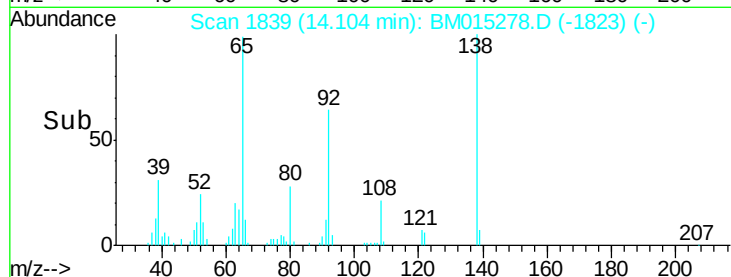
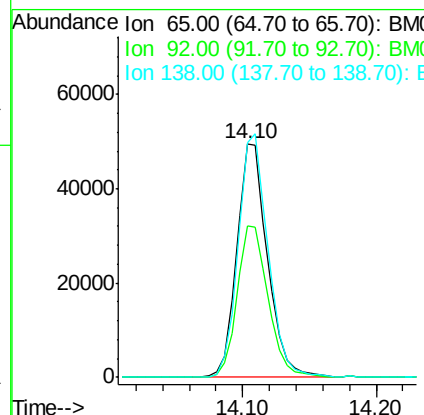
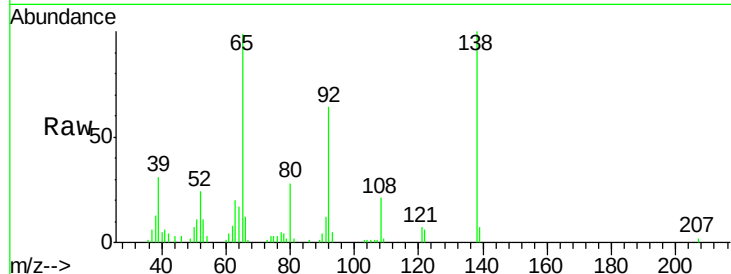
#47
2-Nitroaniline
Concen: 8.001 ng
RT: 14.10 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
65	100		
92	64.8	59.1	88.7
138	100.6	93.9	140.9

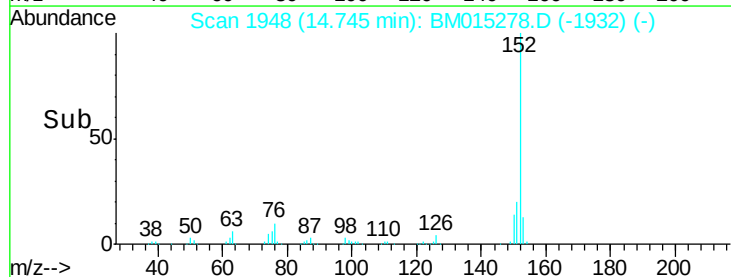
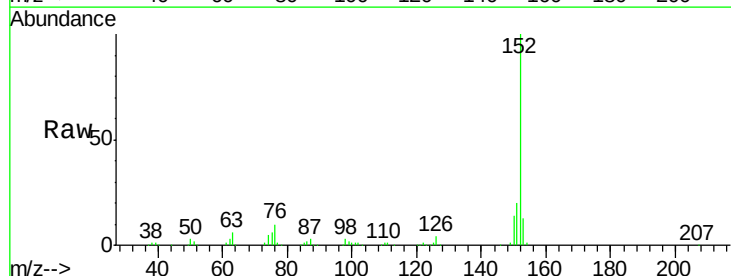
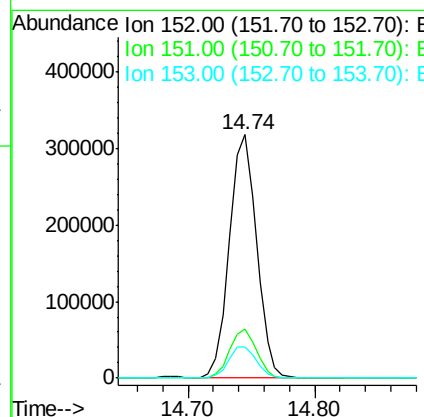
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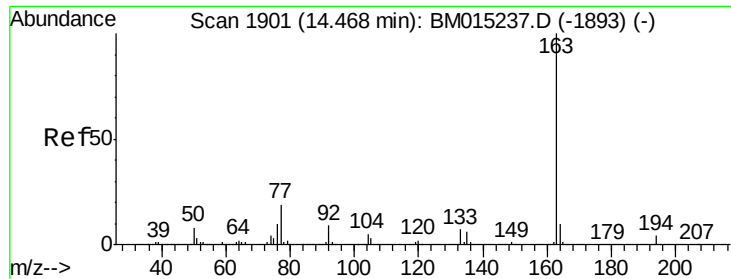
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#48
Acenaphthylene
Concen: 9.156 ng
RT: 14.74 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.9	23.9
153	12.8	10.6	16.0





#49

Dimethylphthalate

Concen: 9.411 ng

RT: 14.46 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

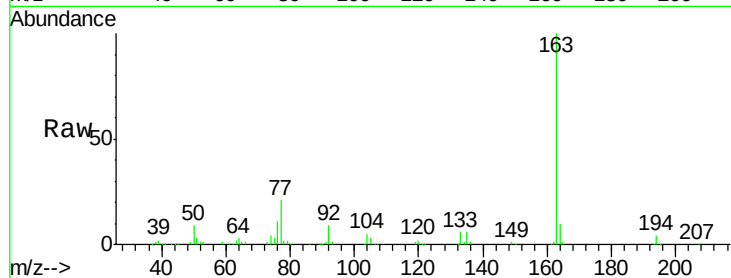
ClientSampleId :

LOQ-SCM-Precision-Bias-4

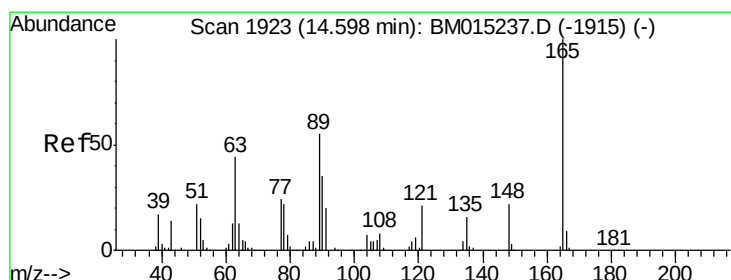
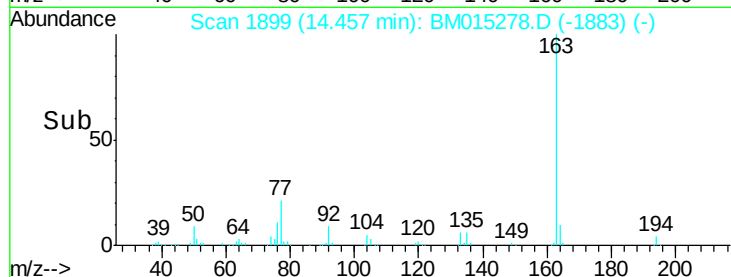
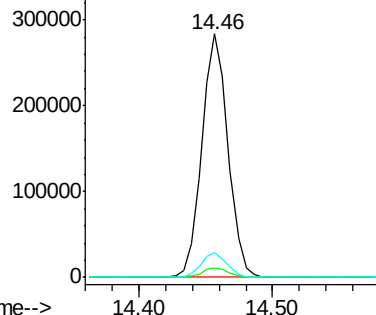
Tot Ion:	163	Resp:	386420
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.2	8.2	12.2

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



#50

2,6-Dinitrotoluene

Concen: 8.908 ng

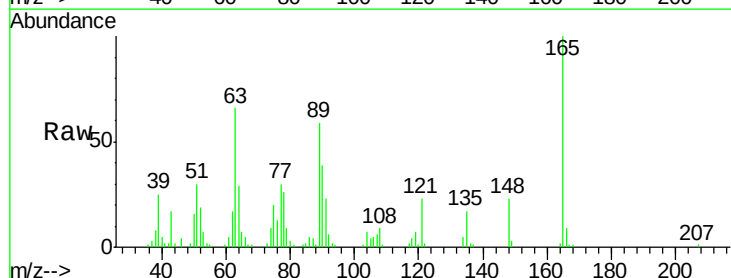
RT: 14.59 min Scan# 1921

Delta R.T. -0.01 min

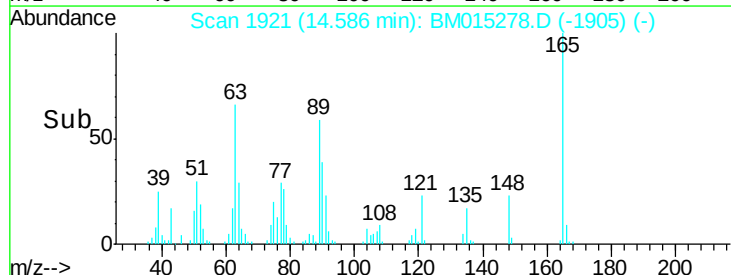
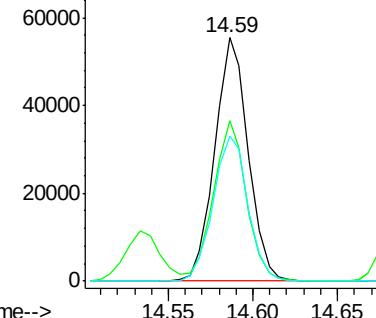
Lab File: BM015278.D

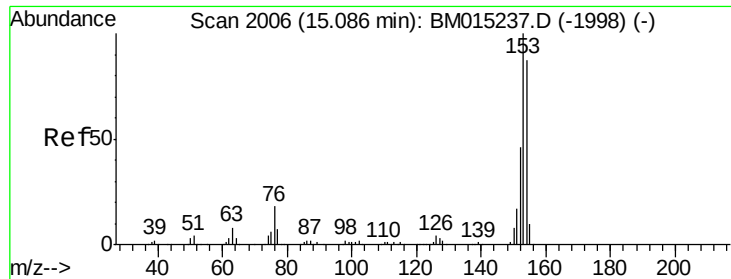
Acq: 23 May 2018 16:28

Tgt Ion:	165	Resp:	76310
Ion Ratio	Lower	Upper	
165	100		
63	65.9	44.1	66.1
89	59.4	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: 9.232 ng

RT: 15.08 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

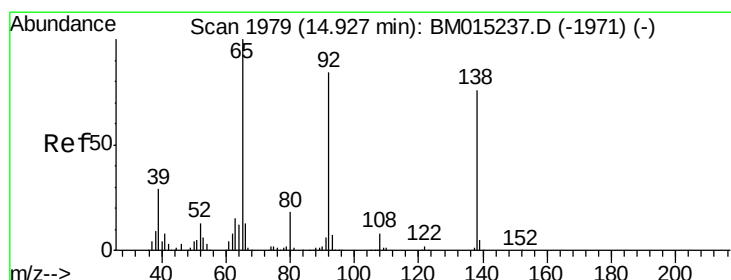
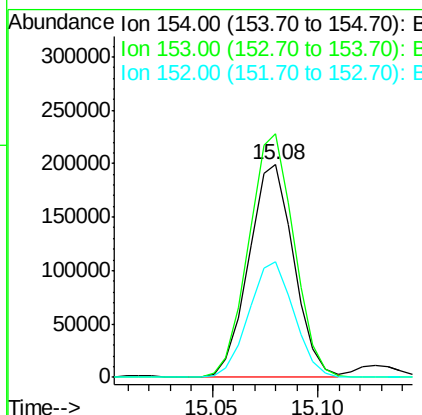
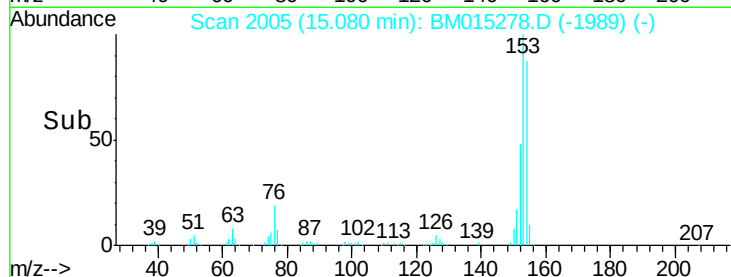
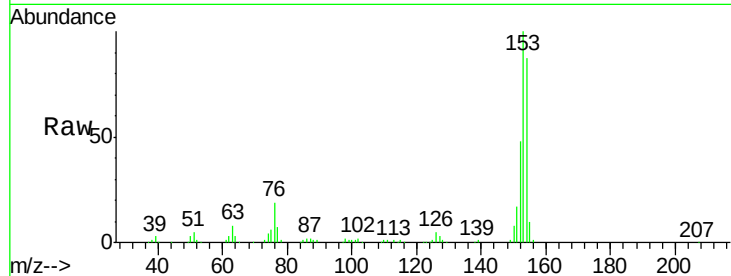
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion:	154	Resp:	295940
Ion Ratio	Lower	Upper	
154	100		
153	114.5	90.0	135.0
152	54.4	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 8.030 ng

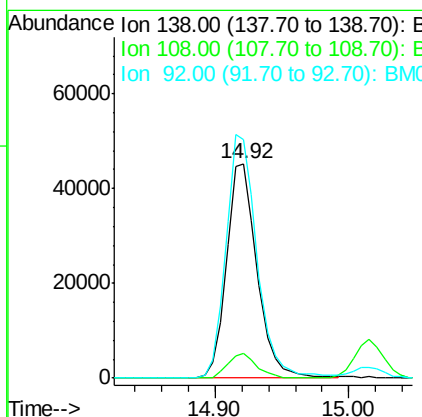
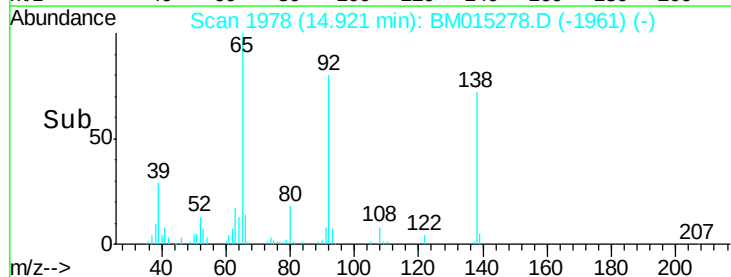
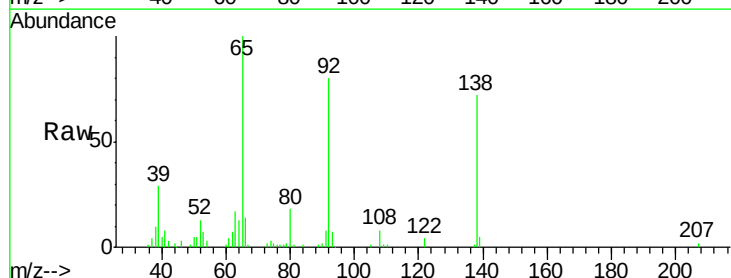
RT: 14.92 min Scan# 1978

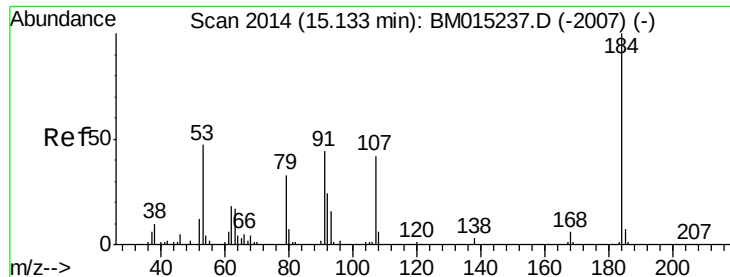
Delta R.T. -0.00 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion:	138	Resp:	72433
Ion Ratio	Lower	Upper	
138	100		
108	11.6	7.3	10.9#
92	110.8	76.6	114.8





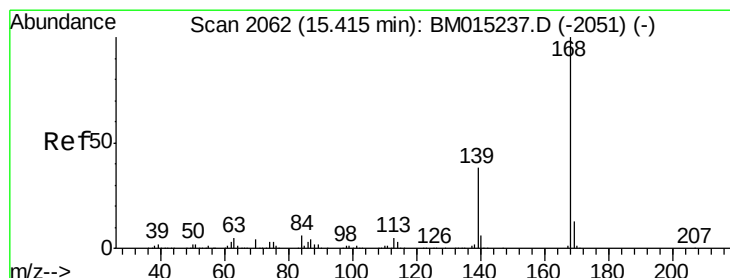
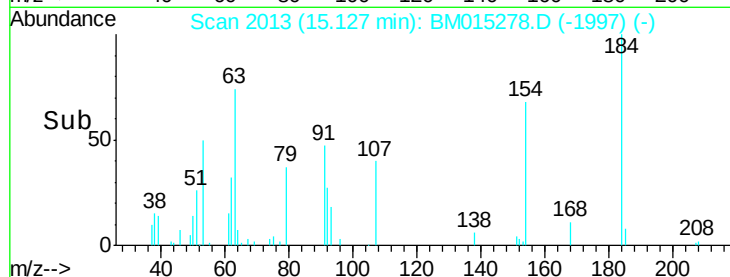
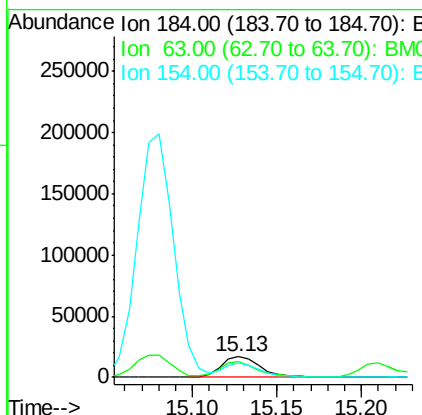
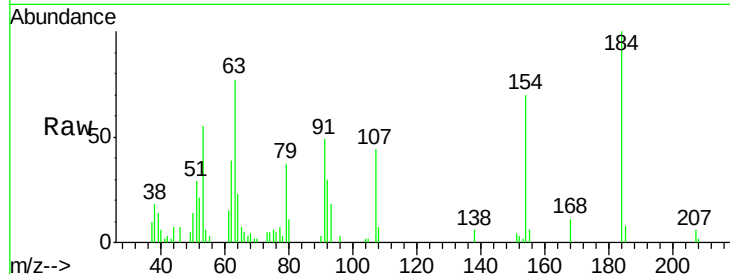
#53
2,4-Dinitrophenol
Concen: 11.530 ng
RT: 15.13 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
184	100		
63	76.6	69.2	103.8
154	69.9	53.3	79.9

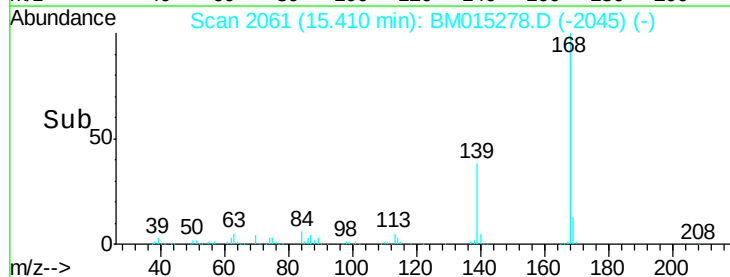
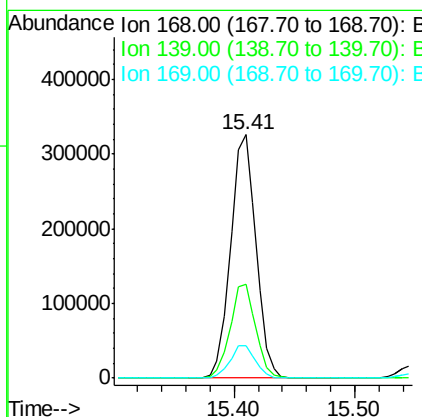
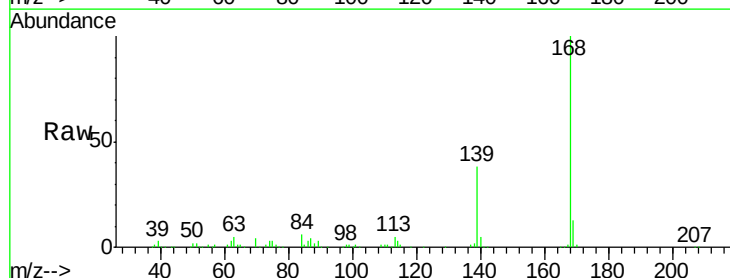
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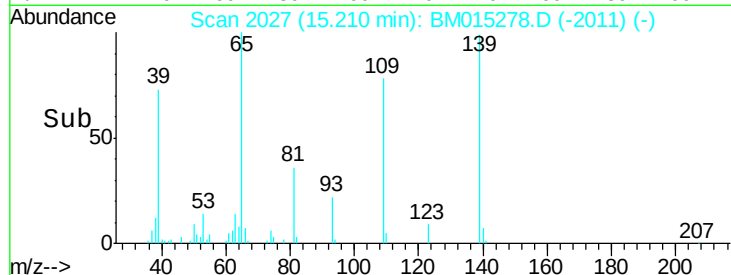
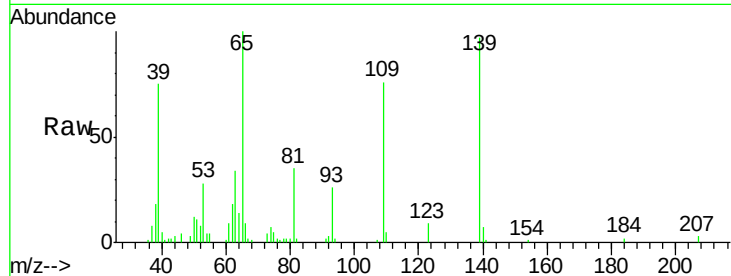
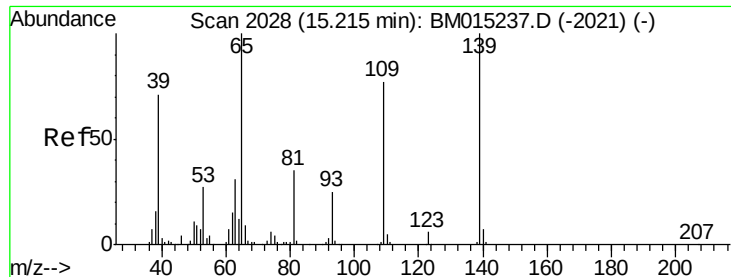
Sohil
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#54
Dibenzofuran
Concen: 9.430 ng
RT: 15.41 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	27.3	40.9
169	13.1	10.6	16.0





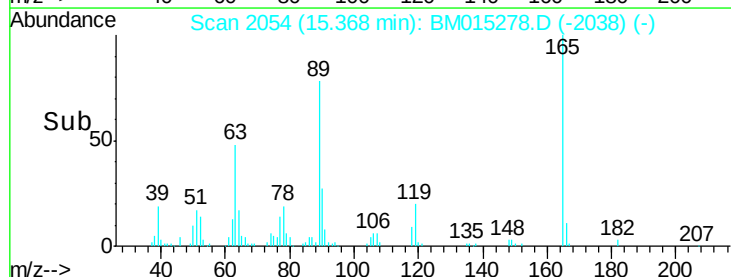
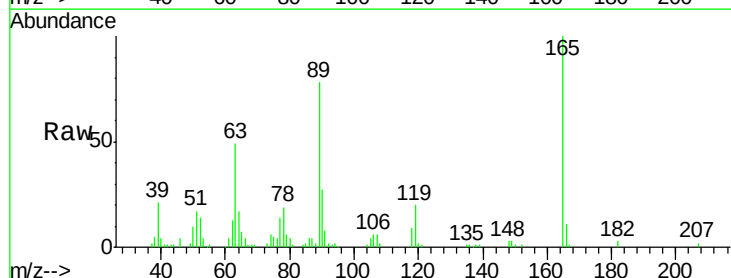
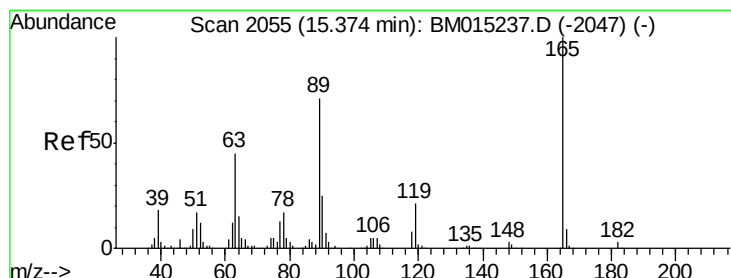
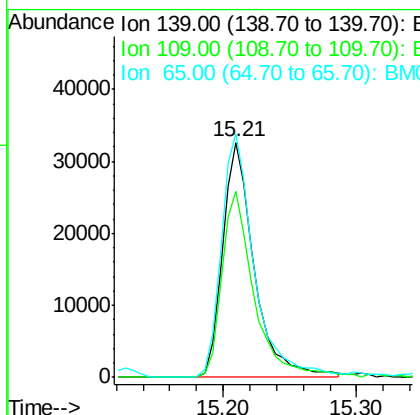
#55
4-Nitrophenol
Concen: 7.422 ng
RT: 15.21 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion:139 Resp: 54303
Ion Ratio Lower Upper
139 100
109 79.0 130.0 170.0#
65 103.6 130.0 170.0#

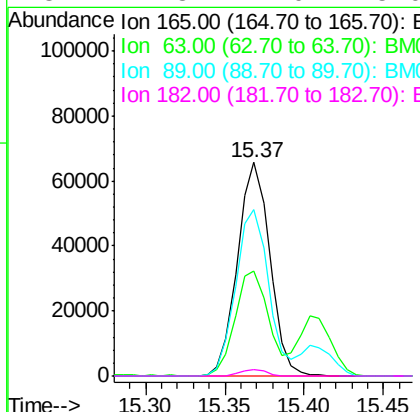
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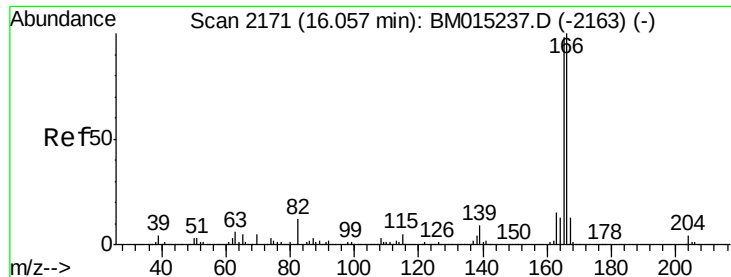
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#56
2,4-Dinitrotoluene
Concen: 7.978 ng
RT: 15.37 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion:165 Resp: 93584
Ion Ratio Lower Upper
165 100
63 49.2 52.4 78.6#
89 77.8 72.4 108.6
182 2.8 2.0 3.0





#57

Fluorene

Concen: 9.206 ng

RT: 16.05 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

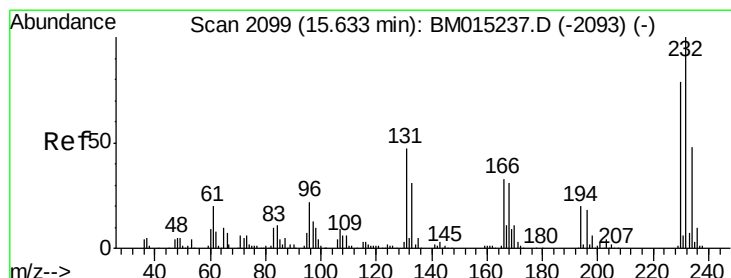
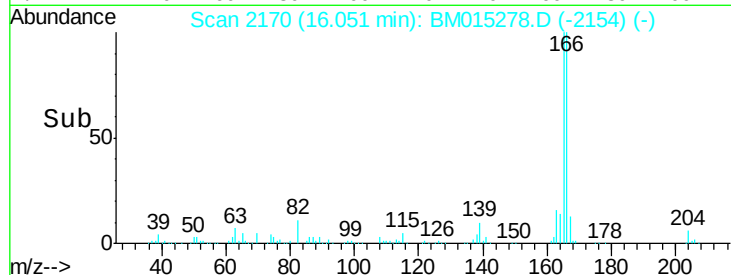
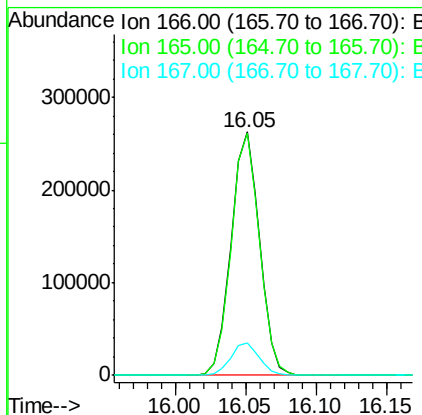
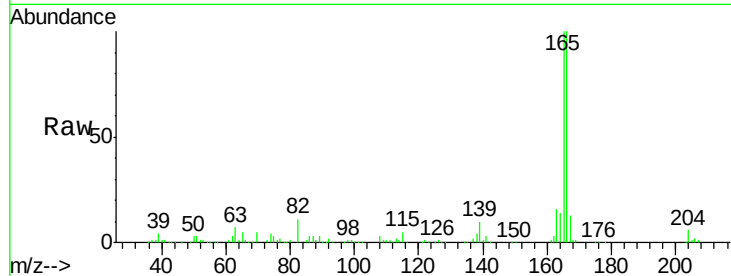
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion:	166	Resp:	367732
Ion Ratio		Lower	Upper
166	100		
165	99.6	79.0	118.4
167	13.5	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 8.656 ng

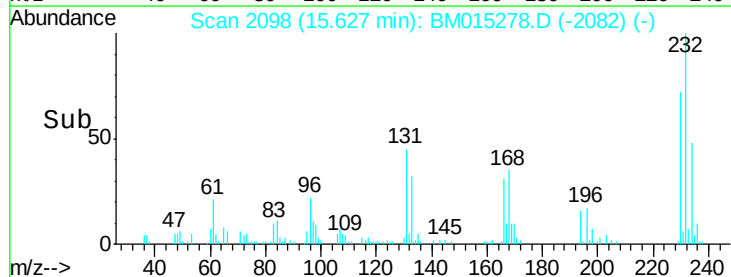
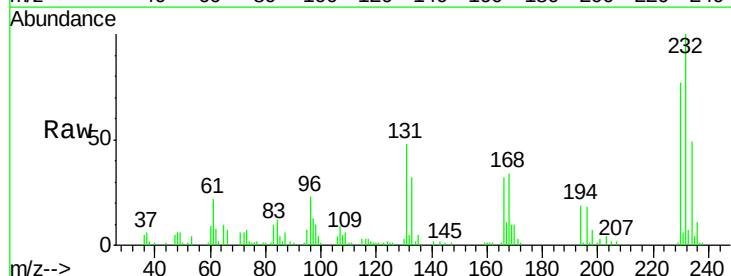
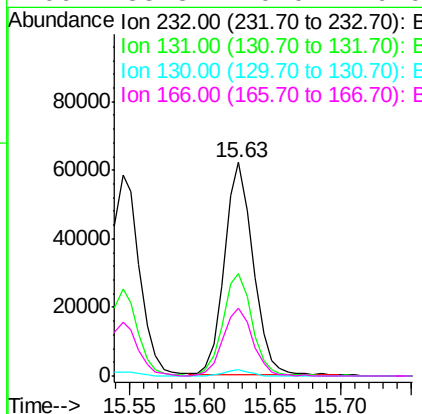
RT: 15.63 min Scan# 2098

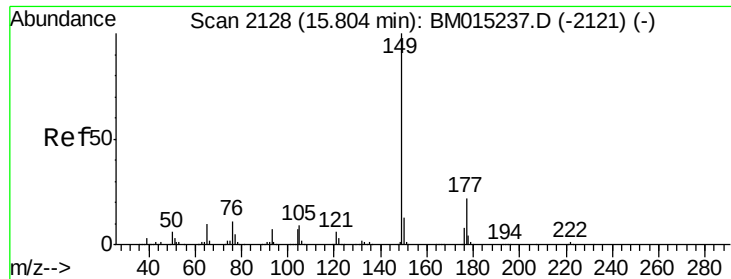
Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion:	232	Resp:	87289
Ion Ratio		Lower	Upper
232	100		
131	49.9	0.0	0.0#
130	2.6	0.0	0.0#
166	33.3	0.0	0.0#





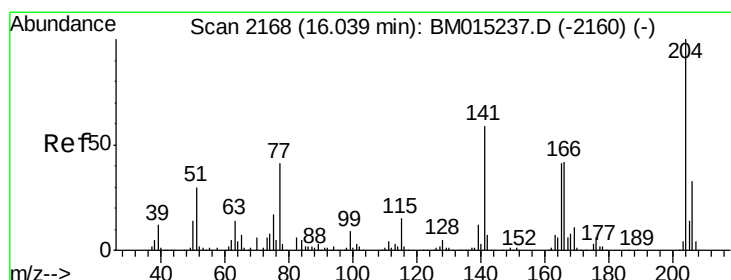
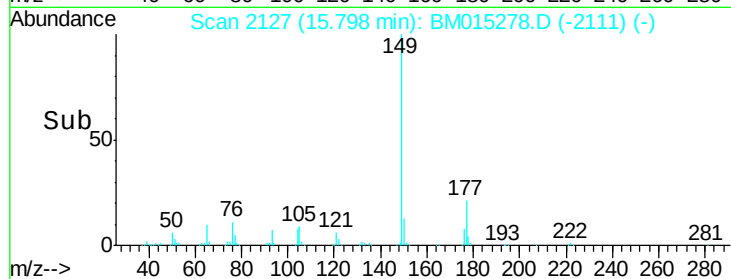
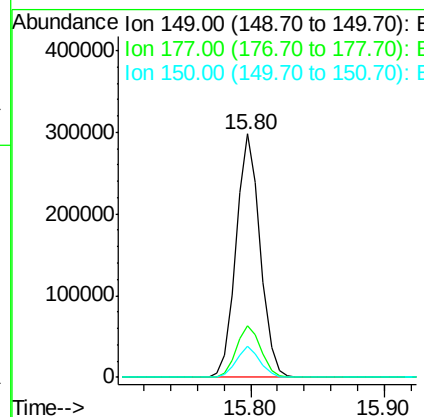
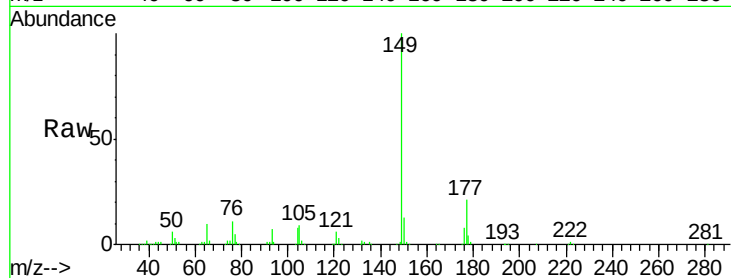
#59
Diethylphthalate
Concen: 9.251 ng
RT: 15.80 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.3	27.5
150	12.8	9.8	14.8

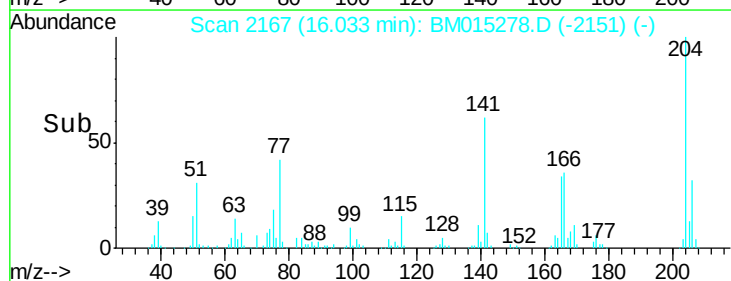
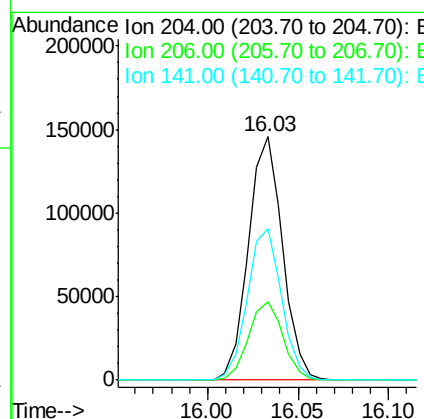
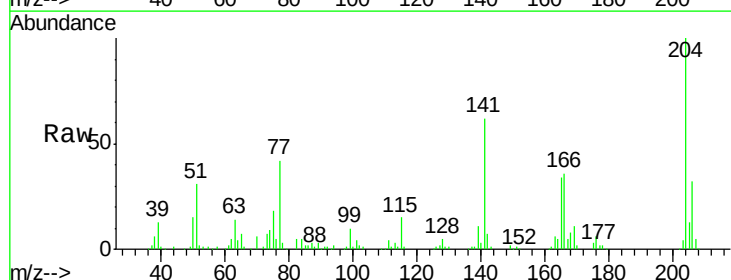
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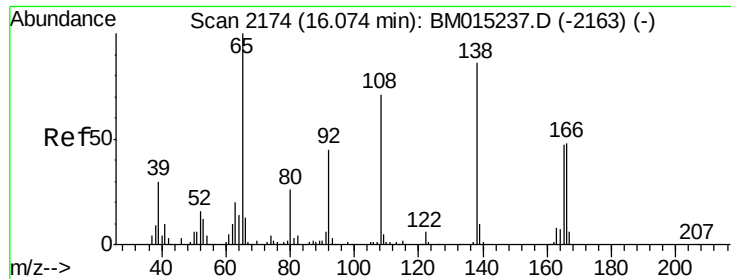
Sohil
5/24/2018 5:38:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 9.366 ng
RT: 16.03 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.6	39.8
141	62.4	45.2	67.8





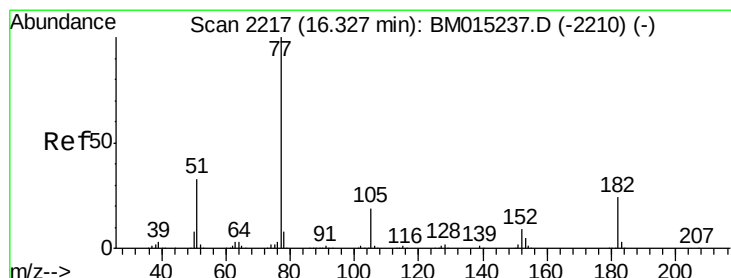
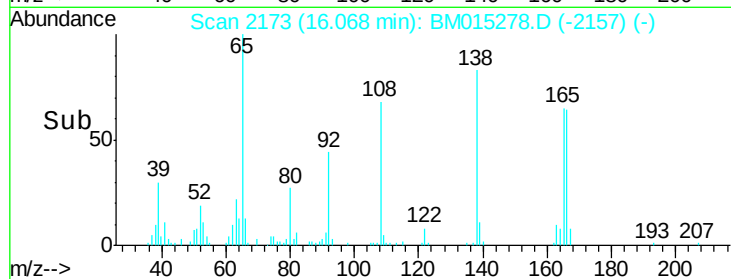
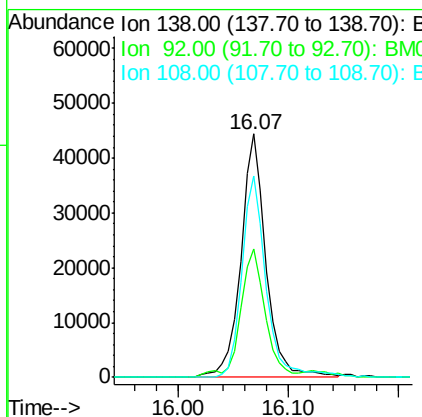
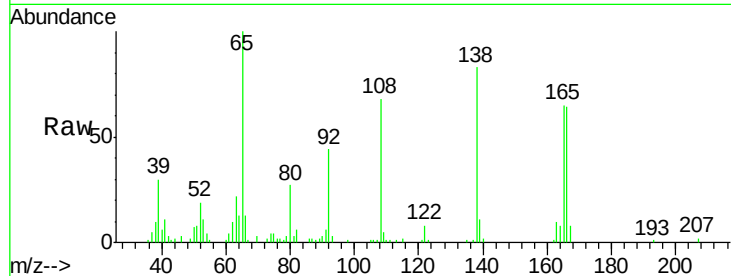
#61
4-Nitroaniline
Concen: 7.508 ng
RT: 16.07 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.9	16.7	56.7
108	82.6	37.6	77.6

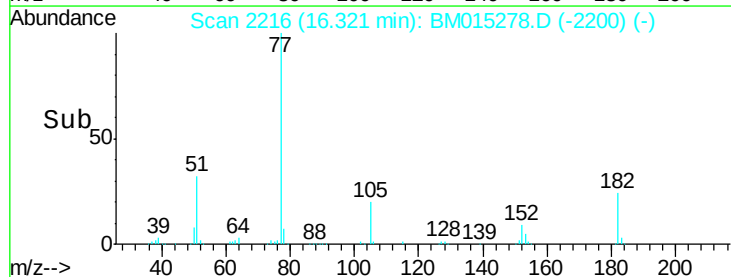
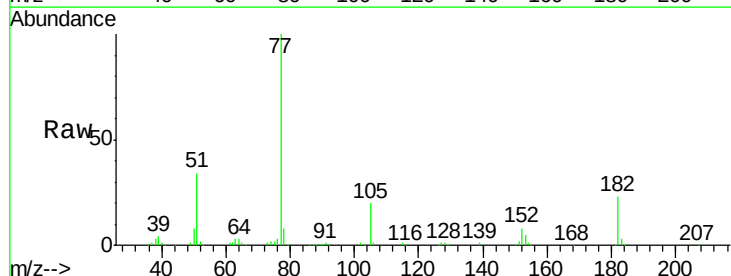
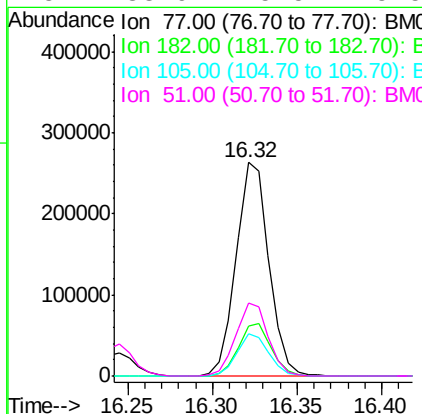
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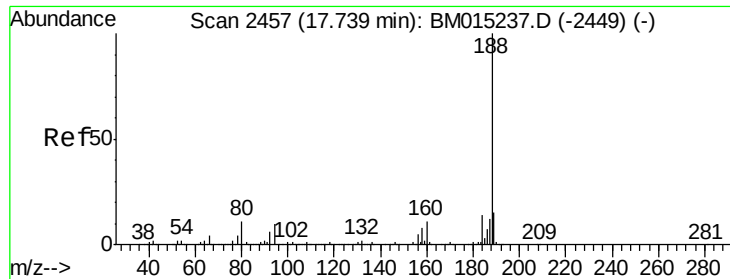
Sohil
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#62
Azobenzene
Concen: 9.231 ng
RT: 16.32 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.2	6.5	46.5
105	19.9	3.8	43.8
51	33.9	5.5	45.5





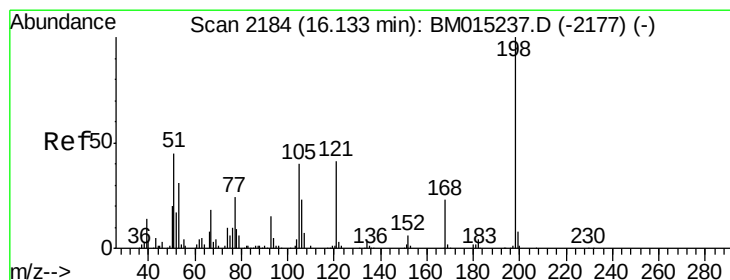
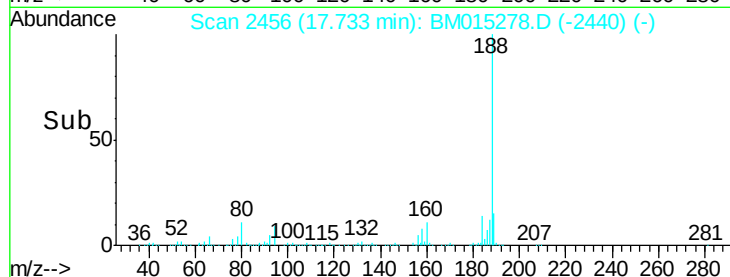
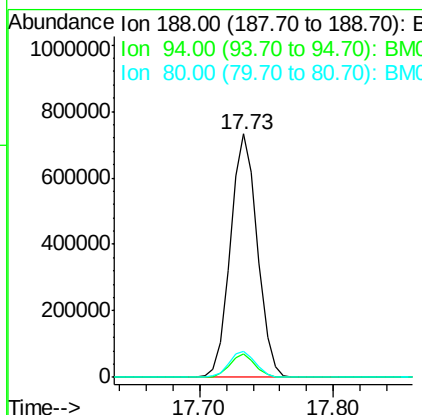
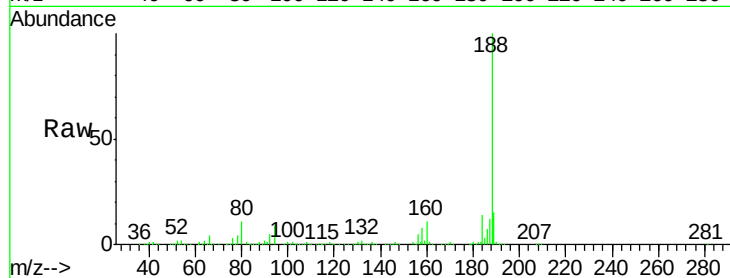
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.73 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion:188	Resp: 1028857
Ion Ratio	Lower Upper
188 100	
94 9.4	8.7 13.1
80 10.7	9.3 13.9

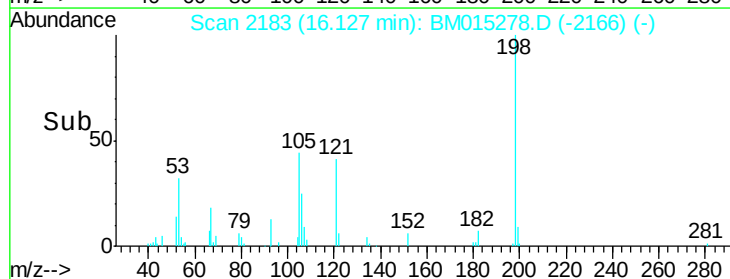
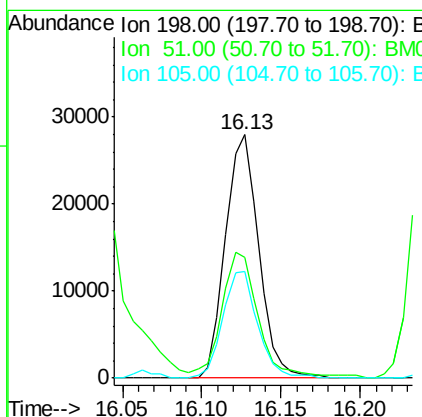
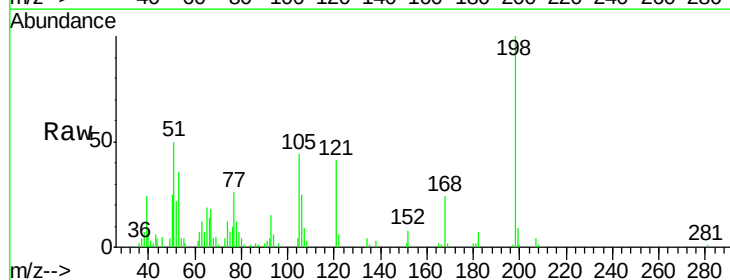
Manual Integrations
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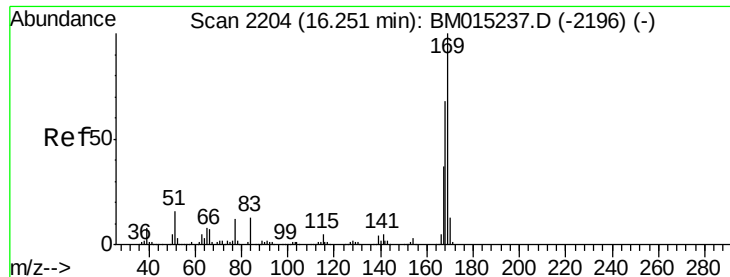
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.181 ng
 RT: 16.13 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion:198	Resp: 40778
Ion Ratio	Lower Upper
198 100	
51 49.7	28.8 68.8
105 43.9	30.5 70.5





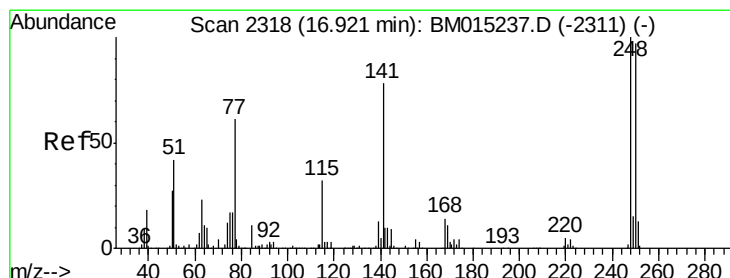
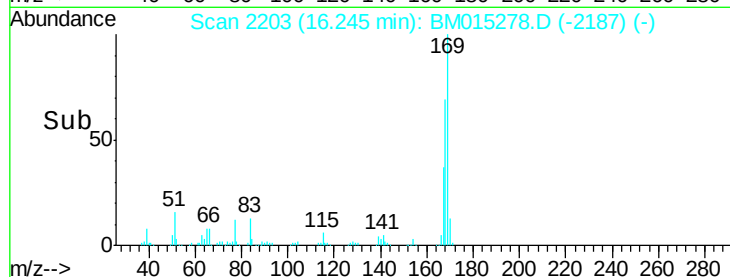
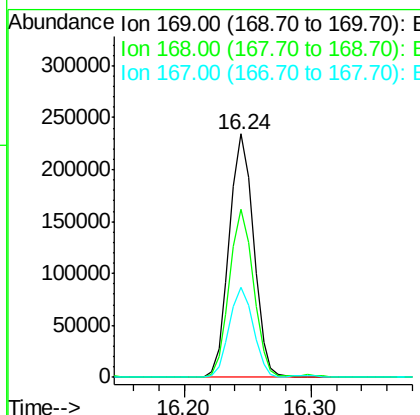
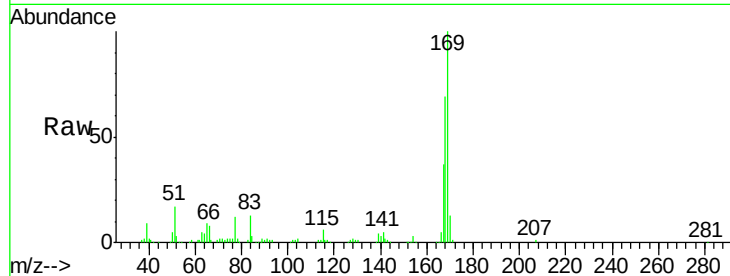
#65
n-Nitrosodiphenylamine
Concen: 9.469 ng
RT: 16.24 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
169	100	313022		
168	69.1	53.9	80.9	
167	37.2	28.9	43.3	

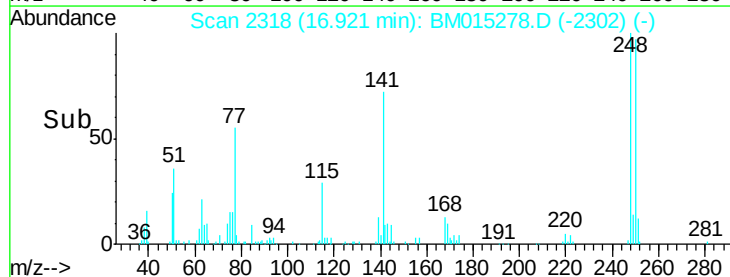
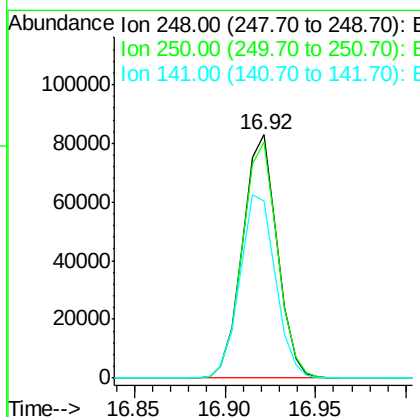
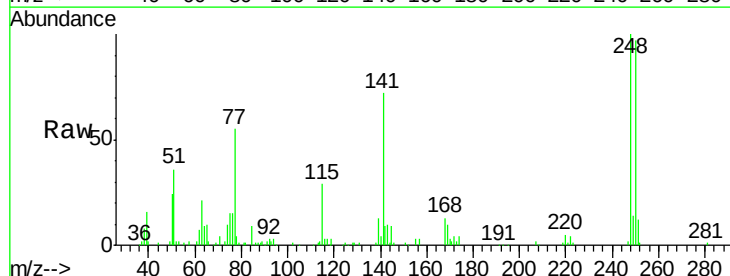
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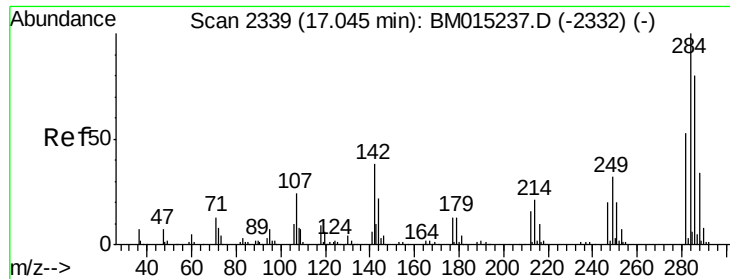
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 9.602 ng
RT: 16.92 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	110376		
250	96.7	77.4	116.0	
141	72.5	45.2	67.8	





#67

Hexachlorobenzene

Concen: 9.460 ng

RT: 17.04 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

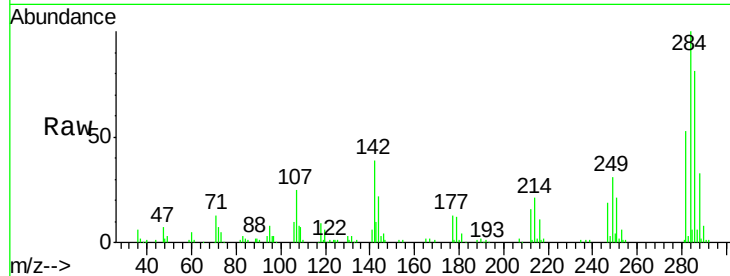
ClientSampleId :

LOQ-SCM-Precision-Bias-4

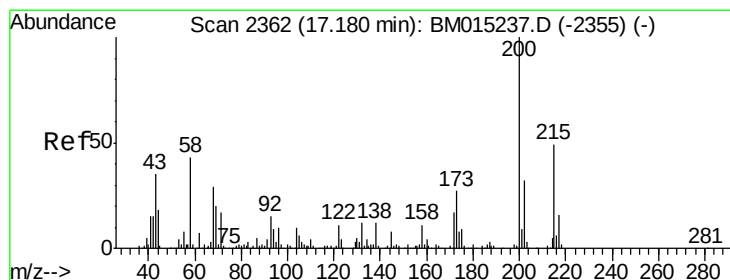
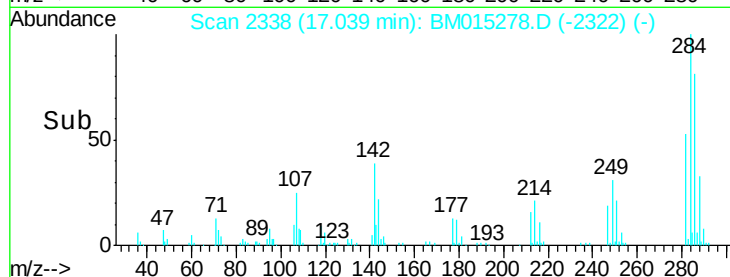
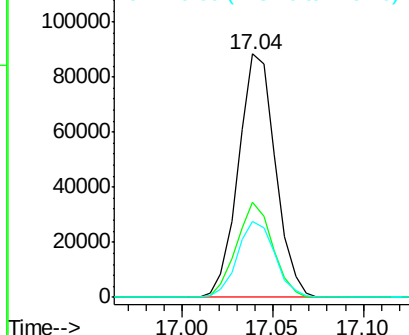
Tot Ion:	284	Resp:	125224
Ion Ratio	Lower	Upper	
284	100		
142	39.2	20.4	30.6#
249	31.1	23.8	35.6

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: 8.021 ng

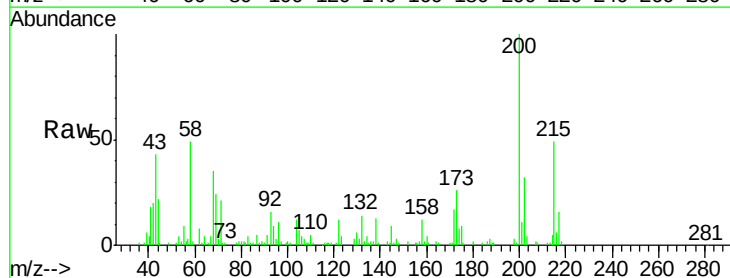
RT: 17.17 min Scan# 2360

Delta R.T. -0.01 min

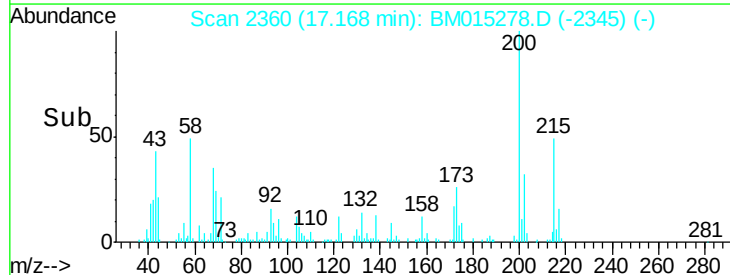
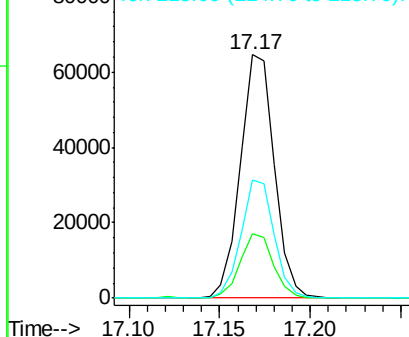
Lab File: BM015278.D

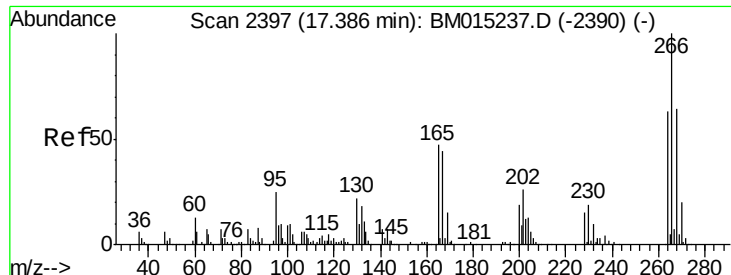
Acq: 23 May 2018 16:28

Tgt Ion:	200	Resp:	84111
Ion Ratio	Lower	Upper	
200	100		
173	26.5	4.8	44.8
215	48.5	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





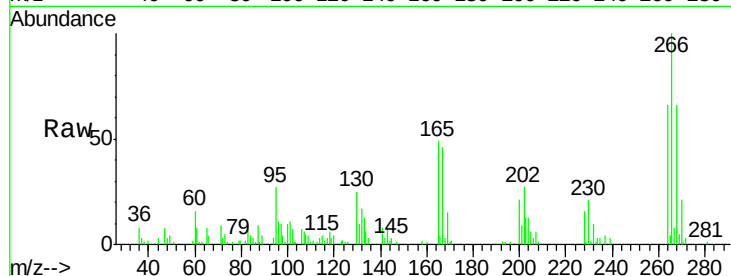
#69
 Pentachlorophenol
 Concen: 7.590 ng
 RT: 17.38 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.7	52.0	78.0
264	65.6	49.0	73.4

Manual Integrations
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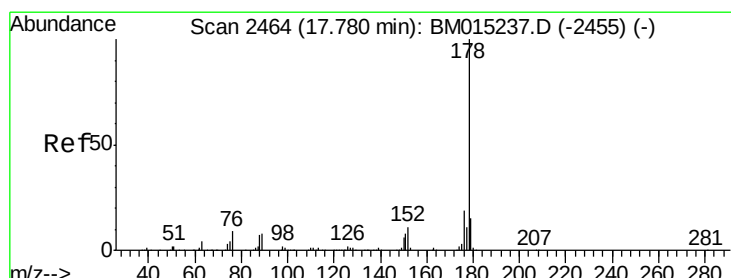
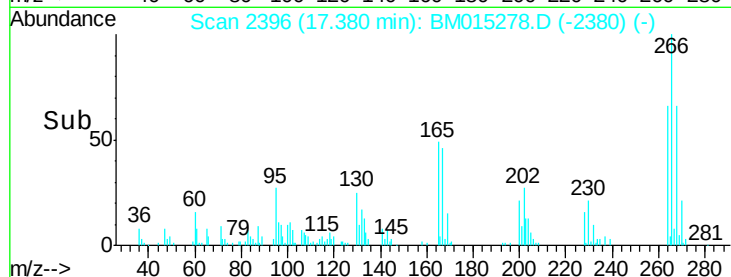
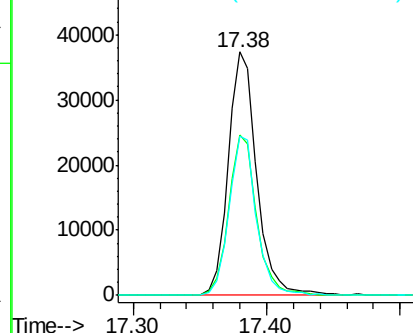


Abundance

Ion 265.70 (265.40 to 266.40): E

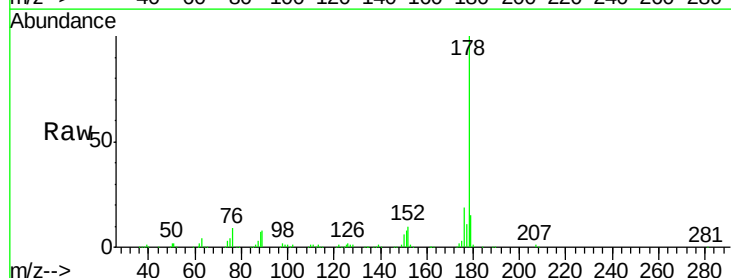
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 9.371 ng
 RT: 17.77 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.3	12.1	18.1

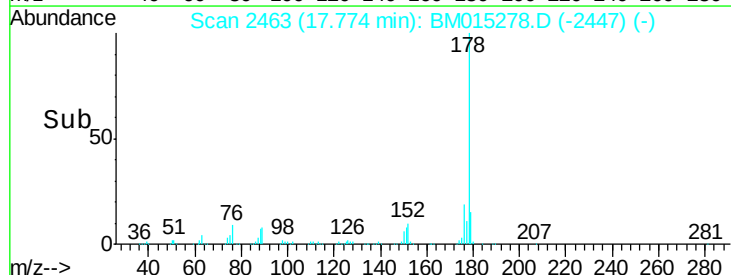
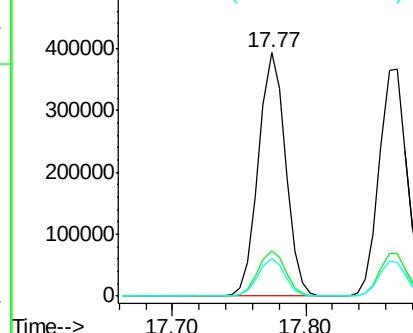


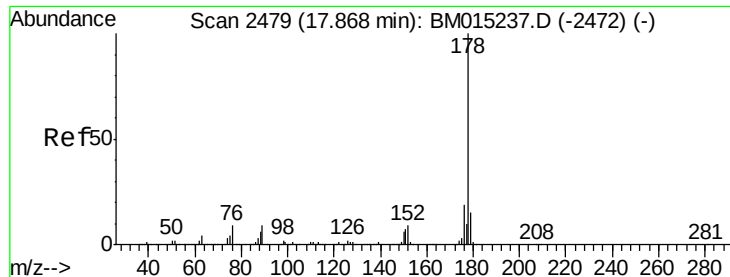
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





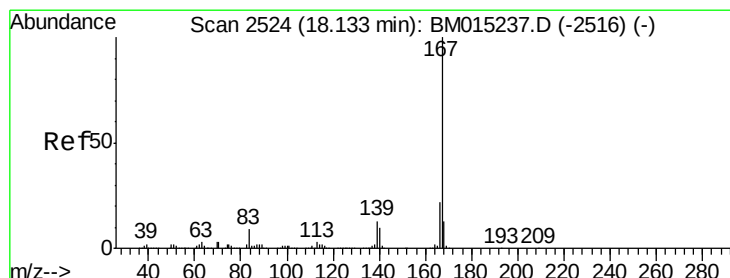
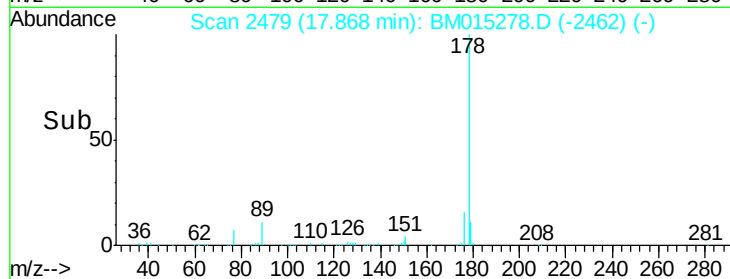
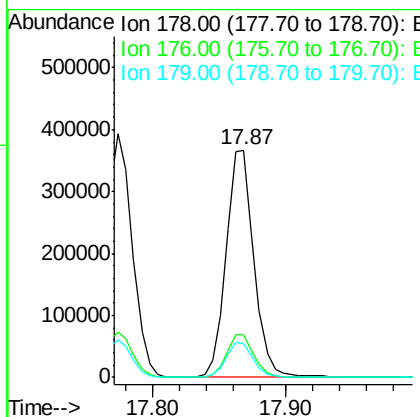
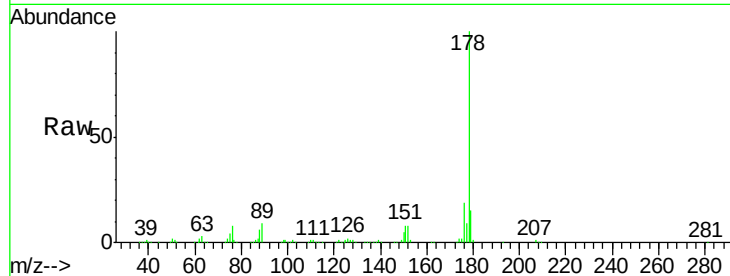
#71
 Anthracene
 Concen: 9.154 ng
 RT: 17.87 min Scan# 2479
 Delta R.T. -0.00 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	14.7	12.6	19.0

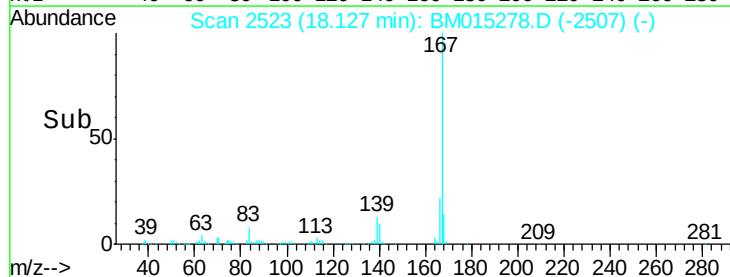
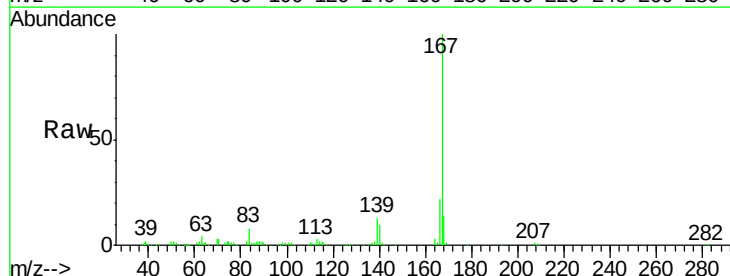
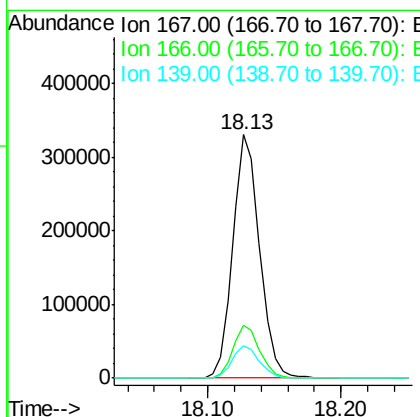
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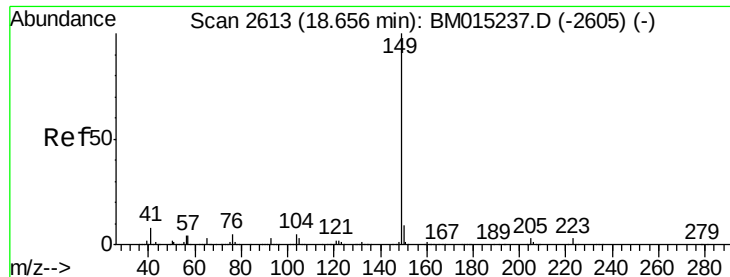
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#72
 Carbazole
 Concen: 8.930 ng
 RT: 18.13 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.2	25.8
139	13.4	10.8	16.2





#73

Di-n-butylphthalate

Concen: 8.885 ng

RT: 18.65 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

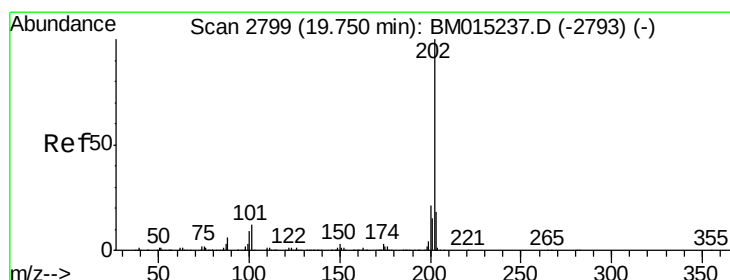
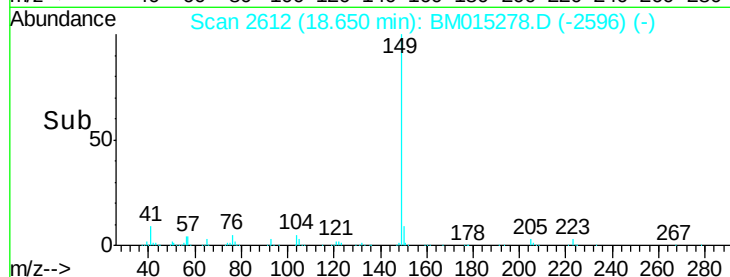
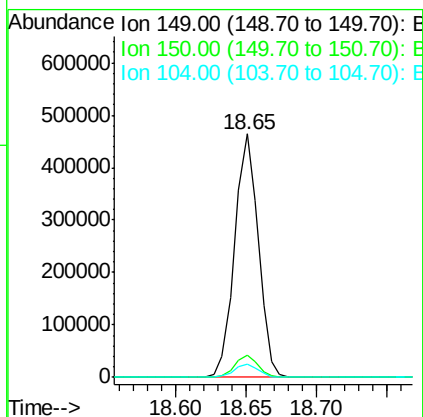
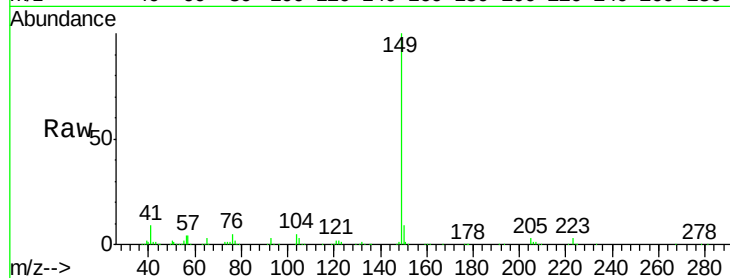
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion:	149	Resp:	540984
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.5	11.3
104	5.3	3.7	5.5

Manual Integrations
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#74

Fluoranthene

Concen: 8.833 ng

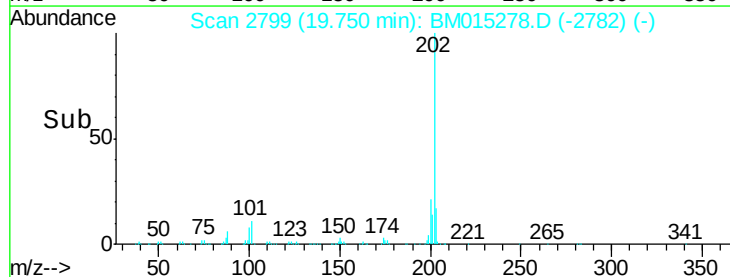
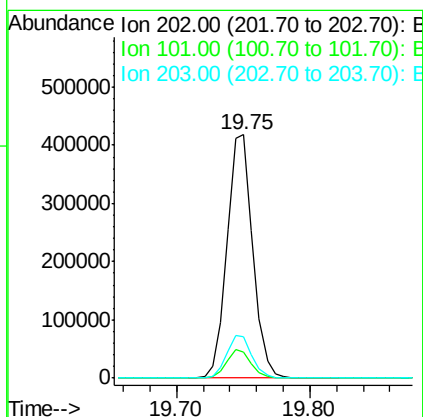
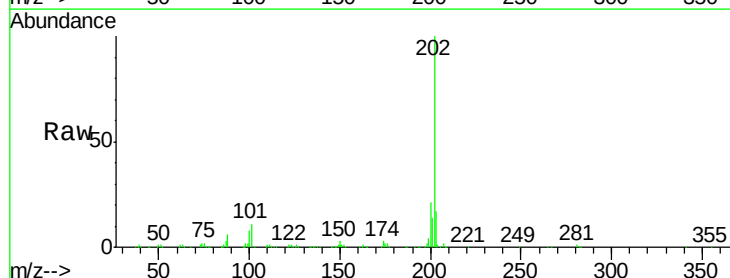
RT: 19.75 min Scan# 2799

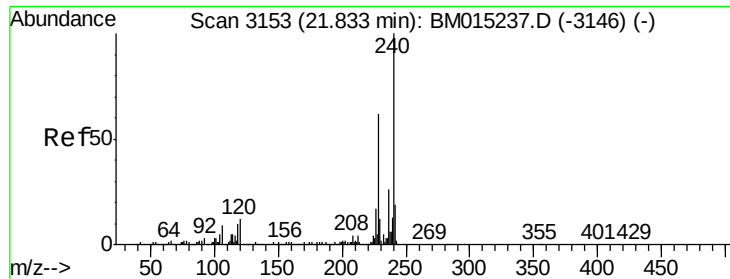
Delta R.T. -0.00 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion:	202	Resp:	567699
Ion Ratio	Lower	Upper	
202	100		
101	10.7	0.0	28.7
203	17.0	0.0	37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

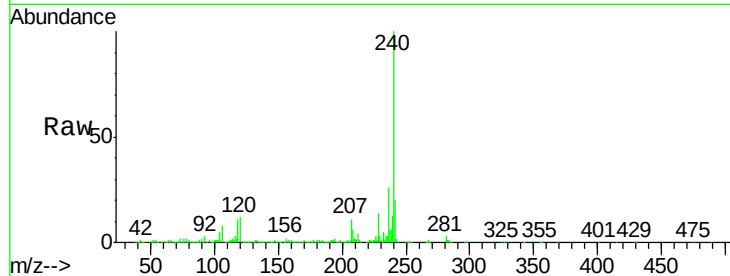
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion:	240	Resp:	923054
Ion Ratio	Lower	Upper	
240	100		
120	11.7	8.2	12.2
236	26.2	20.0	30.0

Manual Integrations
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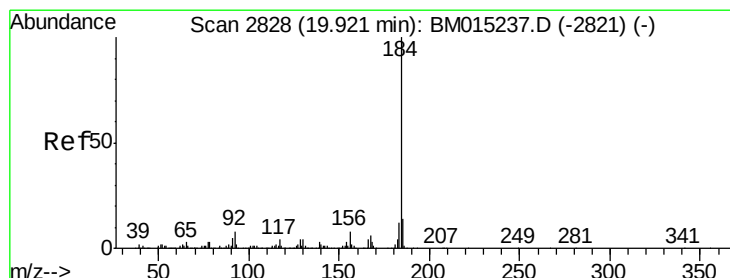
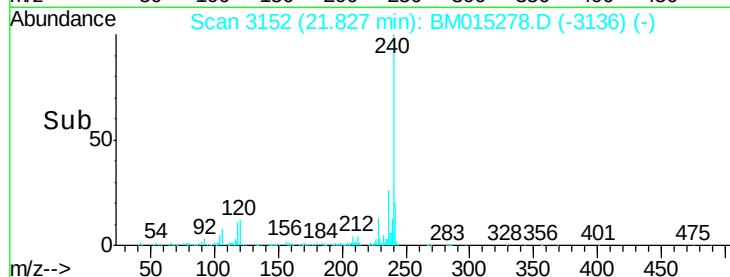
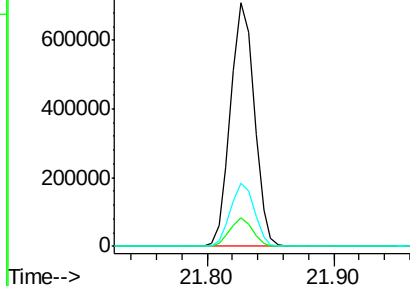
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 4.677 ng m

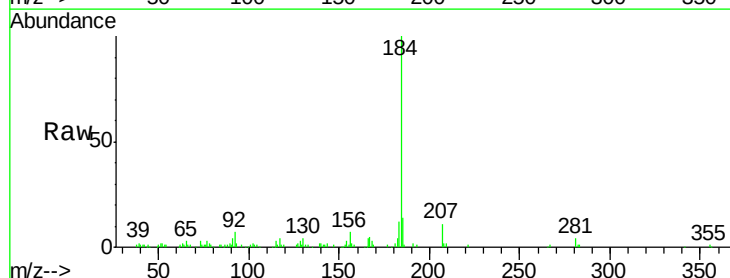
RT: 19.92 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

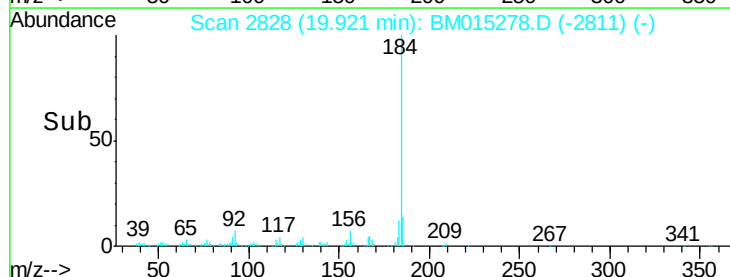
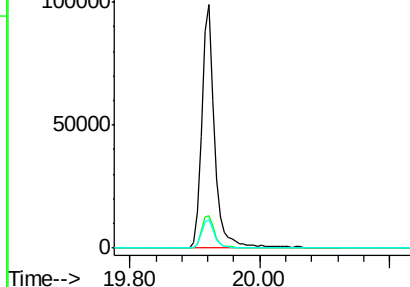
Tgt Ion:	184	Resp:	135161
Ion Ratio	Lower	Upper	
184	100		
185	13.5	11.3	16.9
183	11.5	8.9	13.3

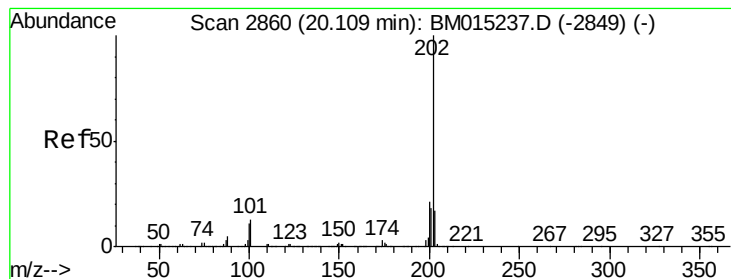


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 9.866 ng

RT: 20.10 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

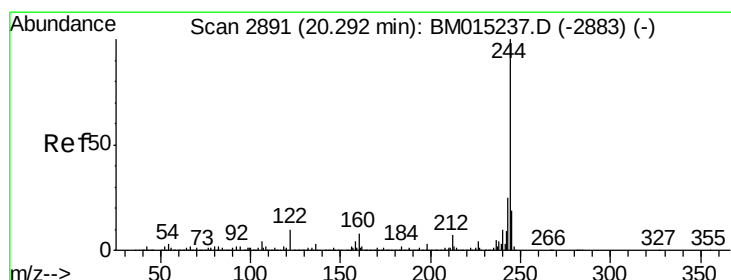
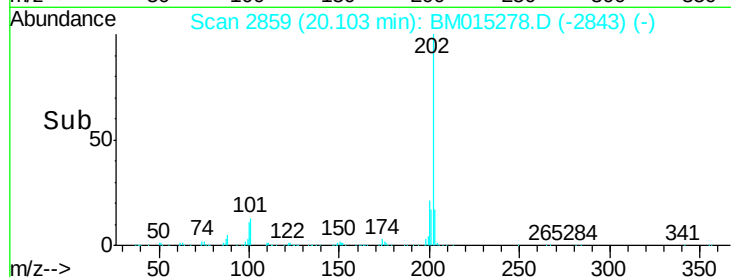
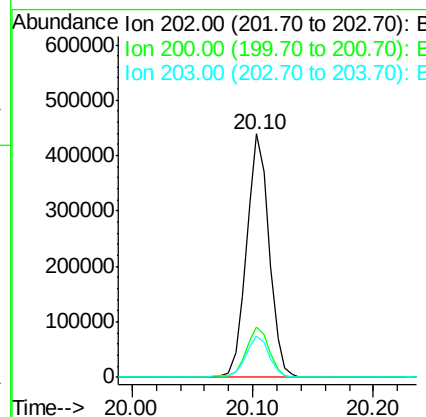
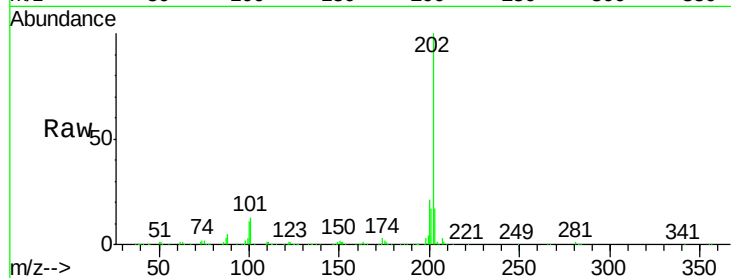
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion:	202	Resp:	574769
Ion Ratio		Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.1	14.1	21.1

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#78

Terphenyl-d14

Concen: 96.241 ng

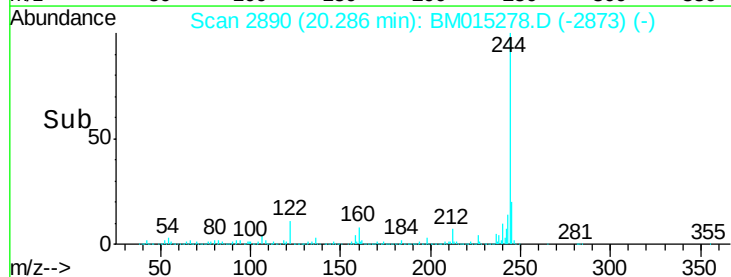
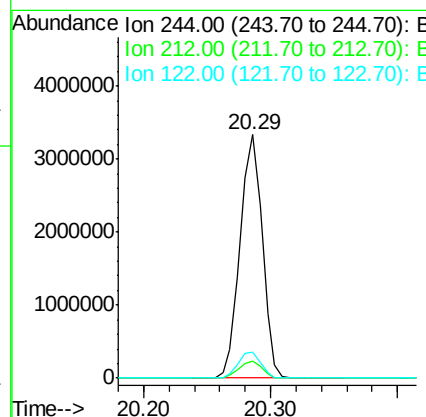
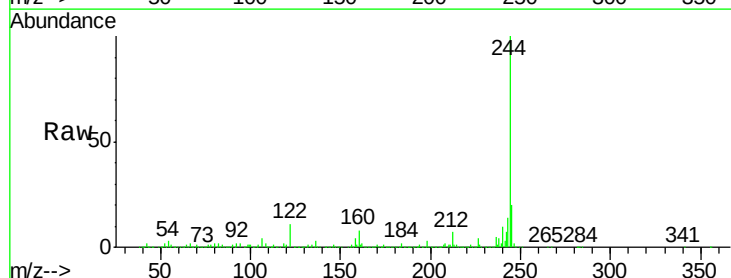
RT: 20.29 min Scan# 2890

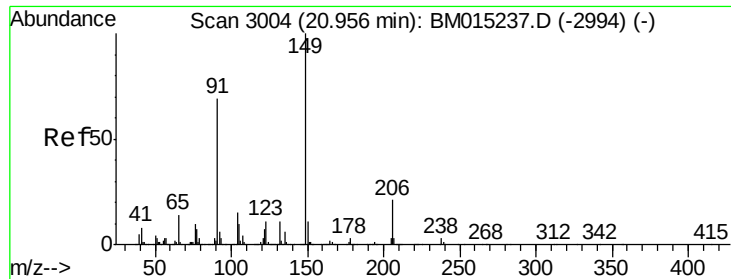
Delta R.T. -0.00 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion:	244	Resp:	4022951
Ion Ratio		Lower	Upper
244	100		
212	7.2	4.9	7.3
122	10.8	6.2	9.4





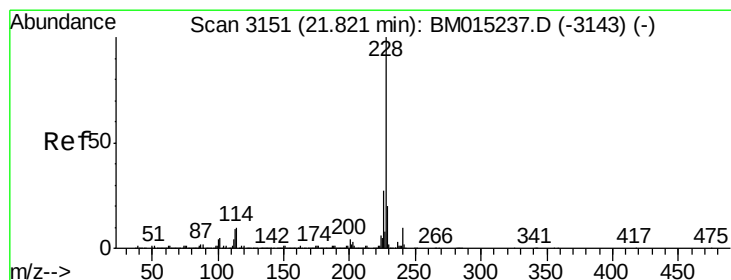
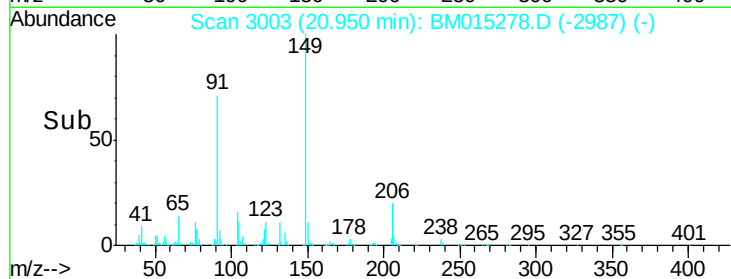
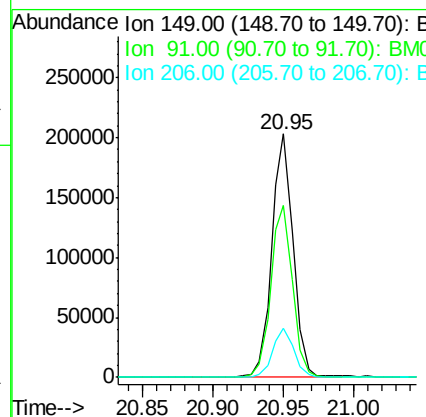
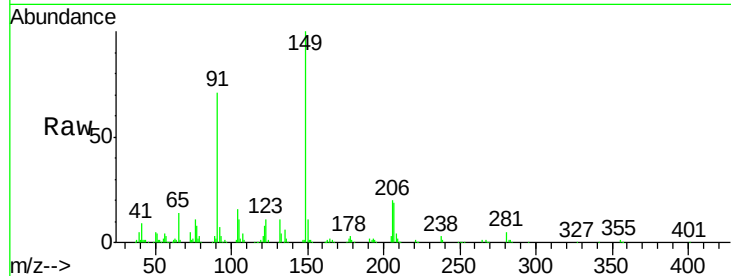
#79
Butylbenzylphthalate
Concen: 8.976 ng
RT: 20.95 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
149	100	213515		
91	70.7	50.1	75.1	
206	20.2	16.2	24.2	

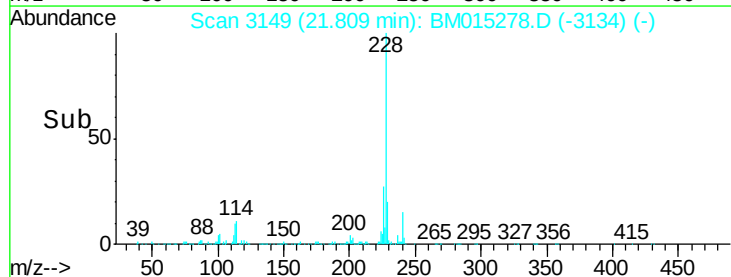
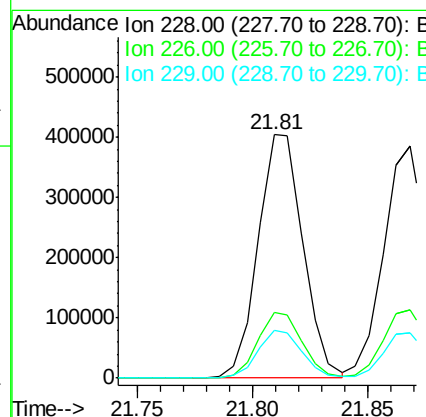
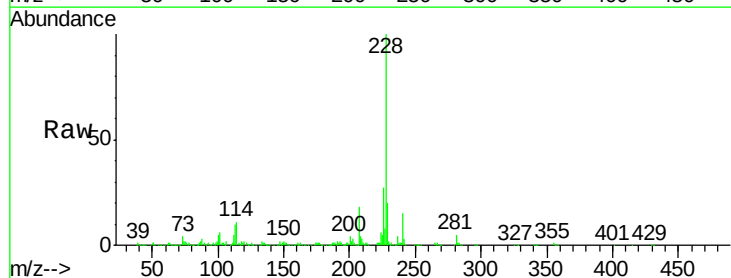
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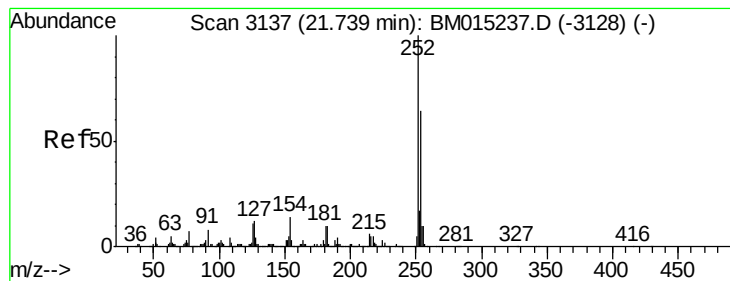
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#80
Benzo(a)anthracene
Concen: 9.417 ng
RT: 21.81 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	547786		
226	27.0	21.7	32.5	
229	19.6	16.0	24.0	





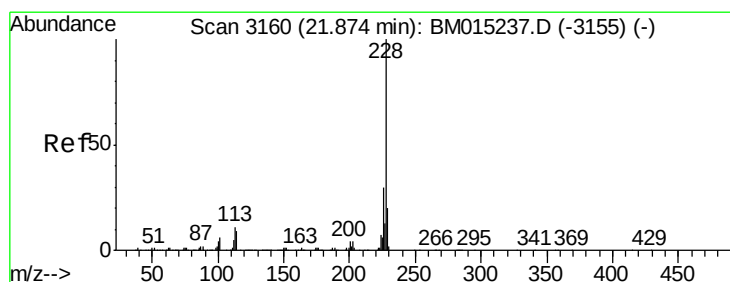
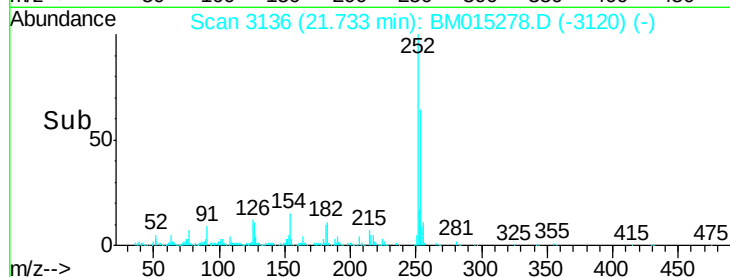
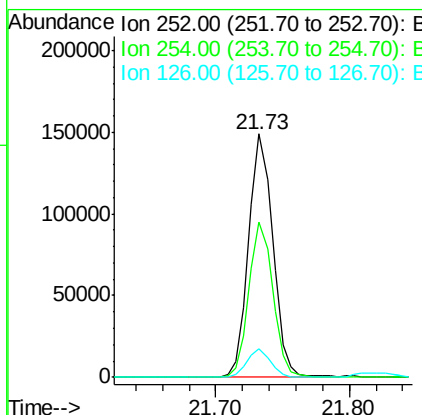
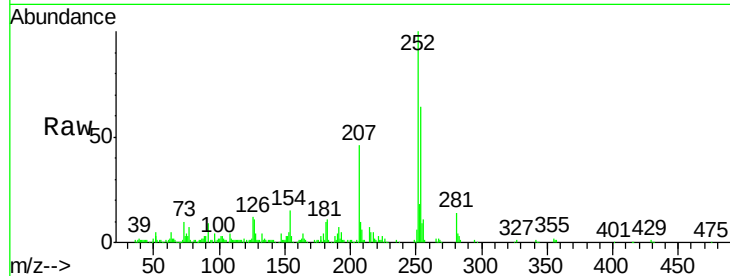
#81
 3,3'-Dichlorobenzidine
 Concen: 8.661 ng
 RT: 21.73 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Resp	Lower	Upper
252	100	186549		
254	63.9		51.9	77.9
126	11.8		9.8	14.8

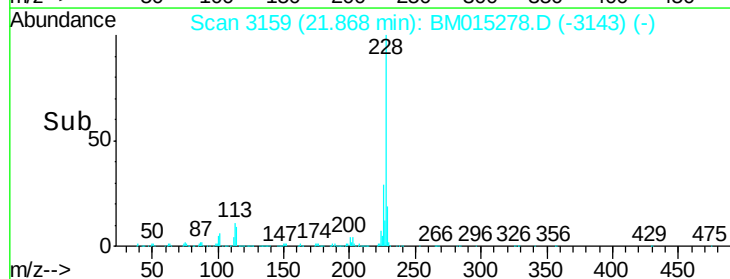
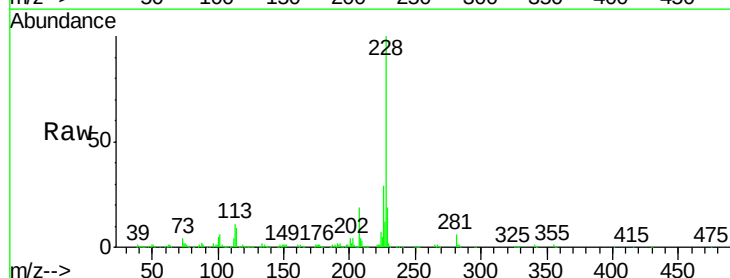
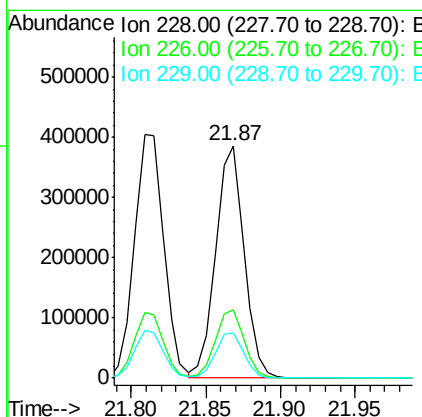
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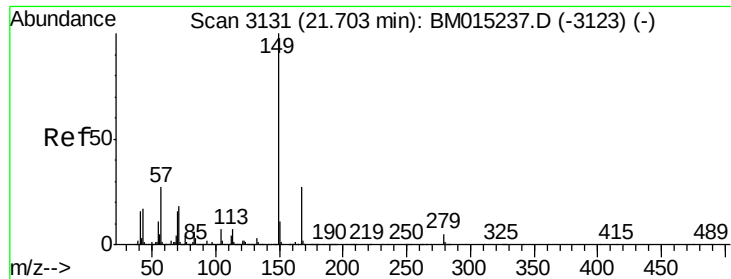
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#82
 Chrysene
 Concen: 9.417 ng
 RT: 21.87 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	515873		
226	29.4		24.1	36.1
229	19.4		15.5	23.3





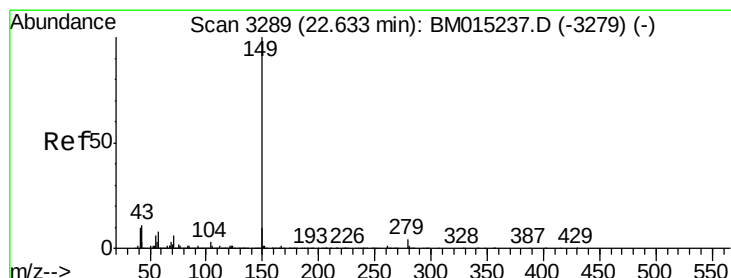
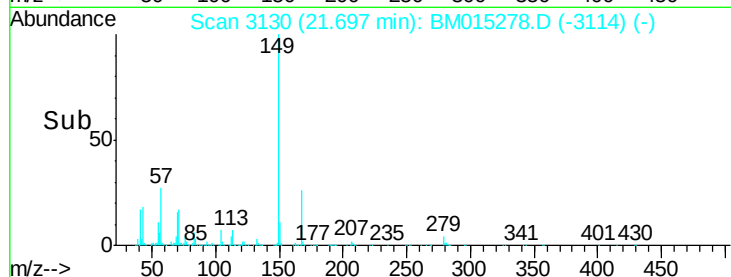
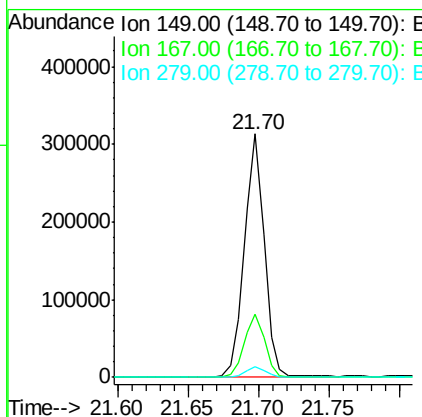
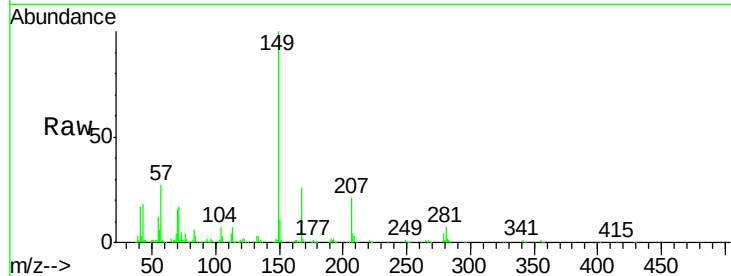
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.870 ng
 RT: 21.70 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.9	22.4	33.6
279	4.3	3.4	5.0

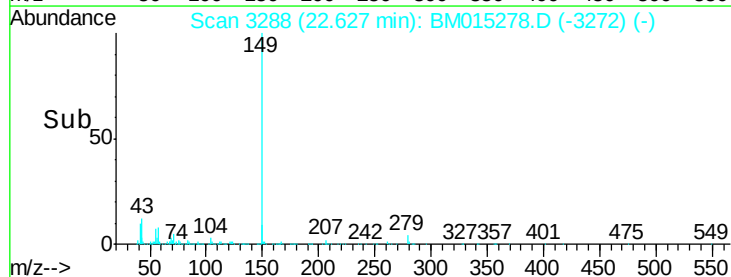
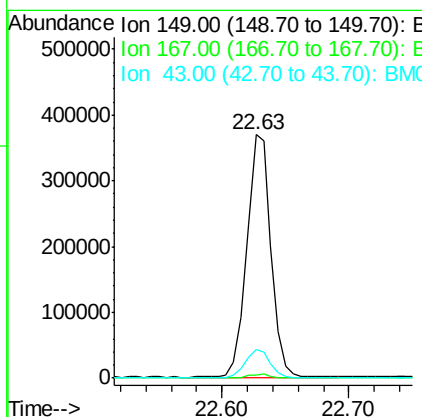
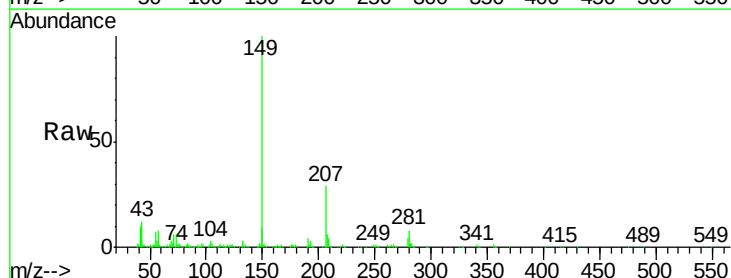
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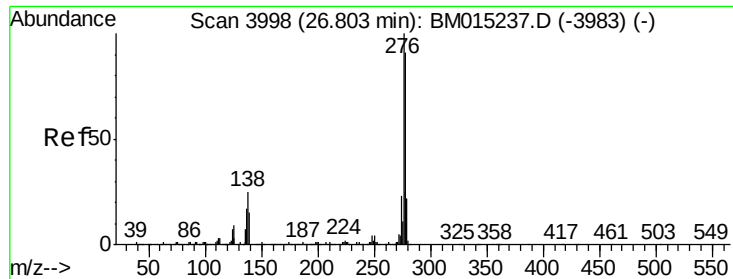
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 8.025 ng
 RT: 22.63 min Scan# 3288
 Delta R.T. -0.01 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.7	7.3	10.9#





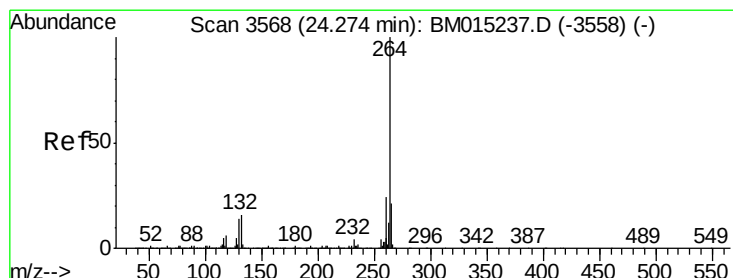
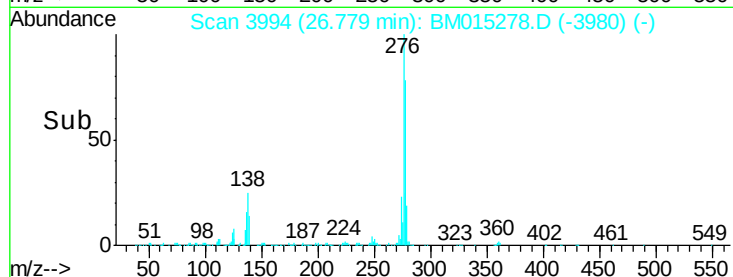
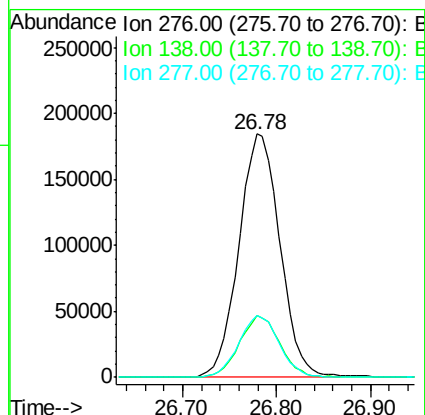
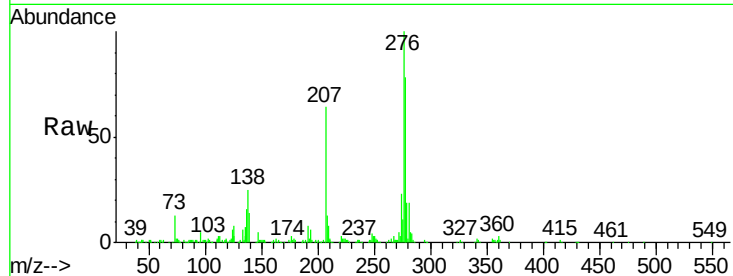
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.421 ng
RT: 26.78 min Scan# 3994
Delta R.T. -0.02 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.0	12.0	18.0#
277	25.2	20.0	30.0

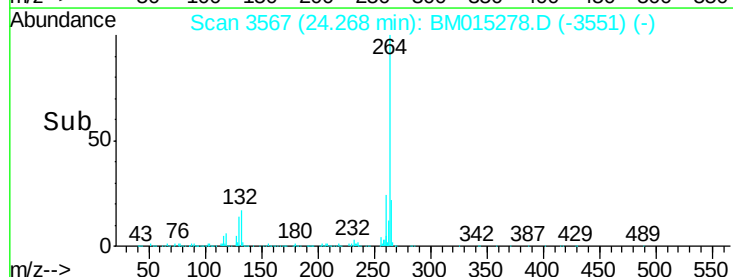
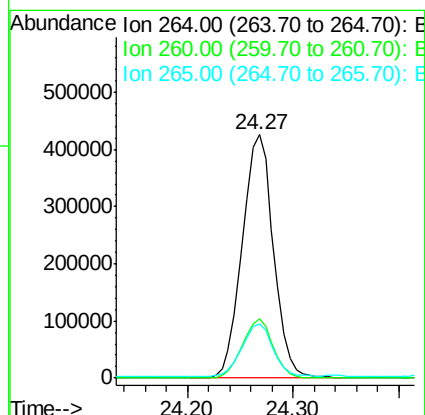
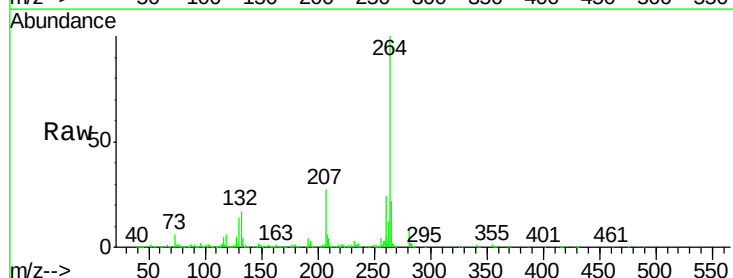
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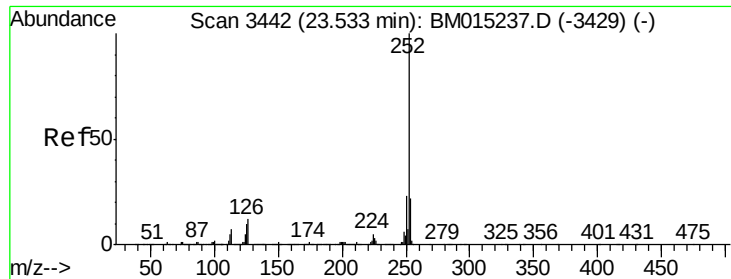
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.27 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	22.4	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 9.212 ng

RT: 23.52 min Scan# 3440

Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Instrument :

BNA_M

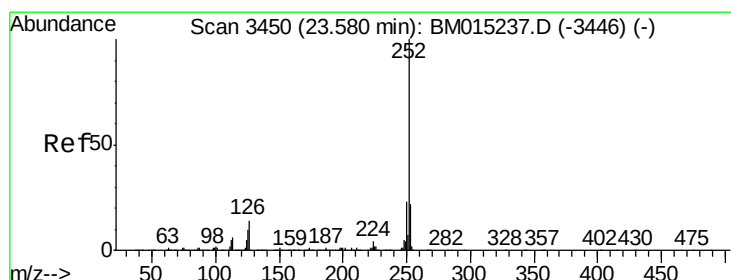
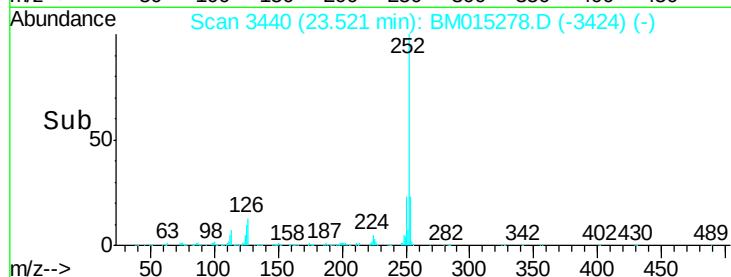
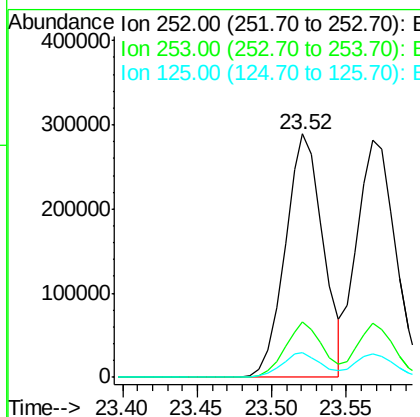
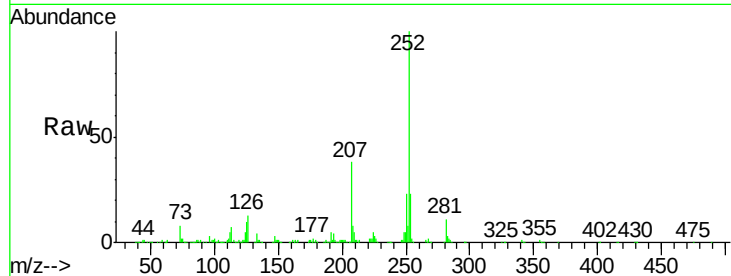
ClientSampleId :

LOQ-SCM-Precision-Bias-4

Tot Ion:	252	Resp:	510476
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	10.4	9.9	14.9

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 9.544 ng

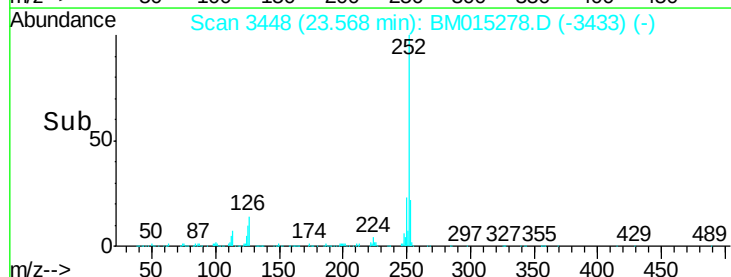
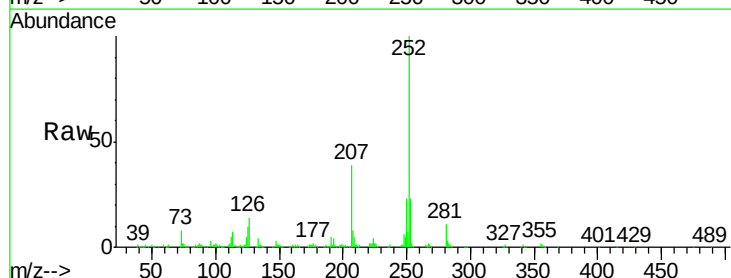
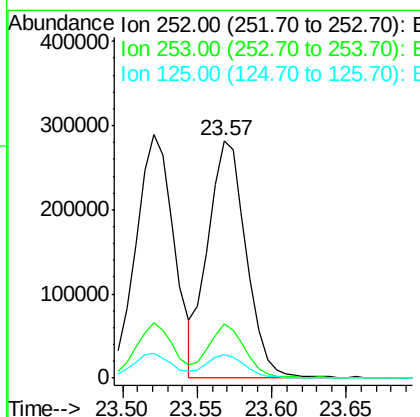
RT: 23.57 min Scan# 3448

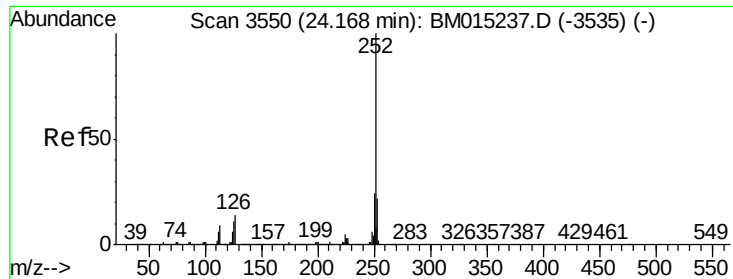
Delta R.T. -0.01 min

Lab File: BM015278.D

Acq: 23 May 2018 16:28

Tgt Ion:	252	Resp:	500299
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	10.1	8.1	12.1





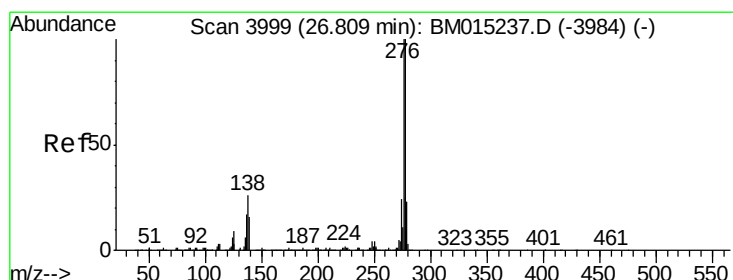
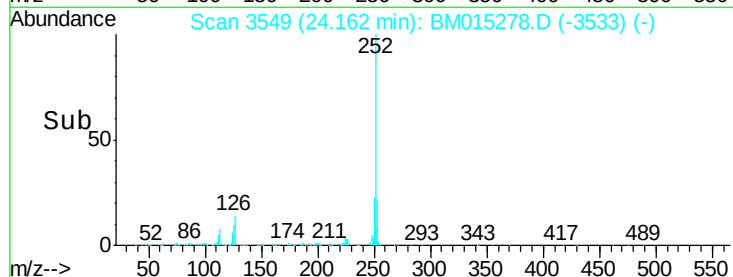
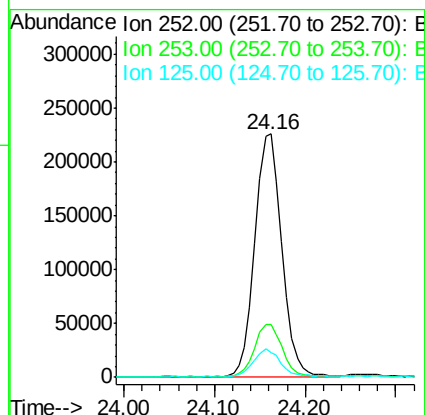
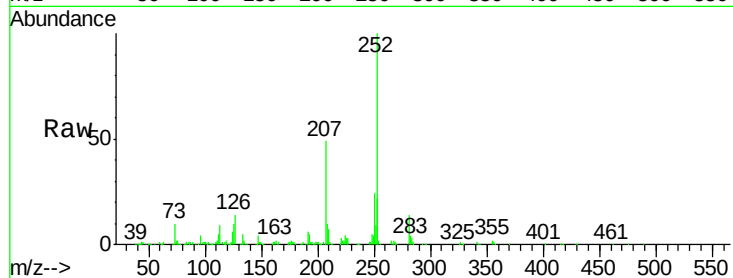
#89
Benzo(a)pyrene
Concen: 9.052 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	10.3	7.4	11.2

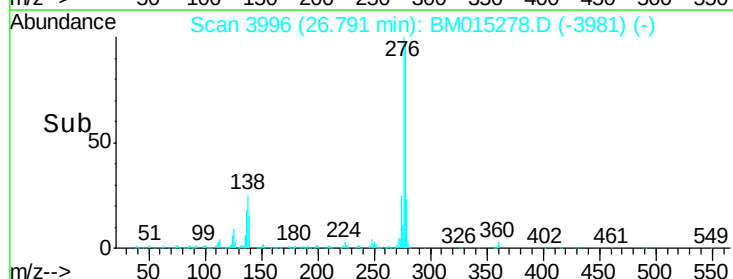
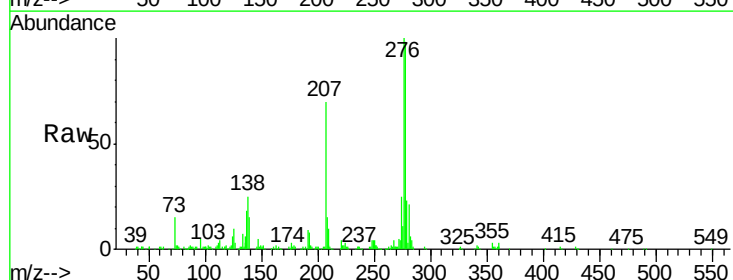
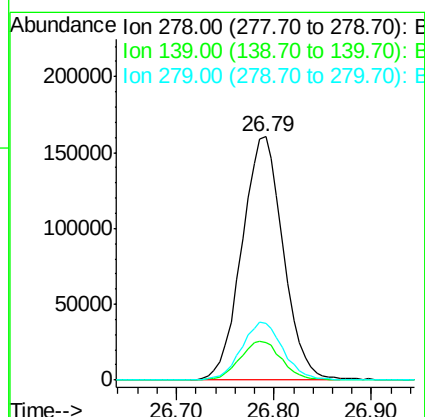
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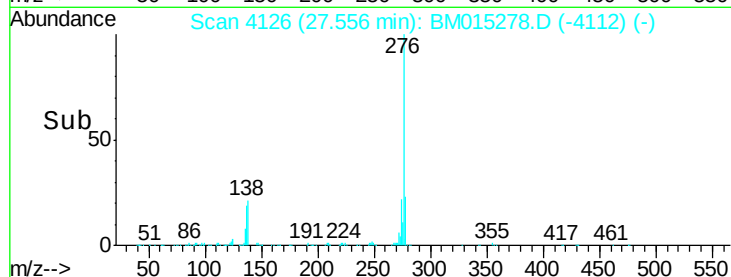
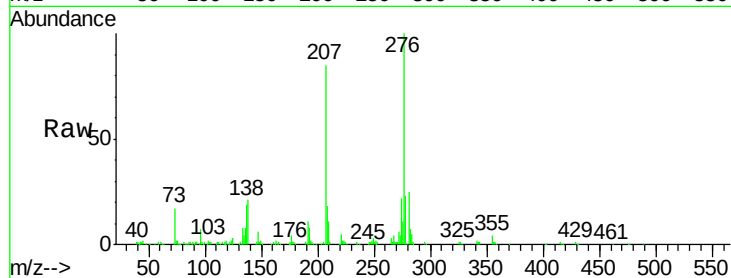
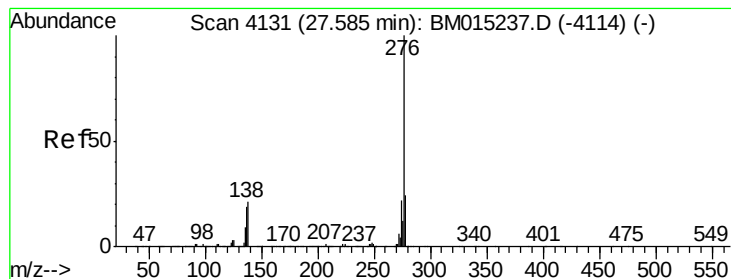
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#90
Dibenzo(a,h)anthracene
Concen: 9.012 ng
RT: 26.79 min Scan# 3996
Delta R.T. -0.01 min
Lab File: BM015278.D
Acq: 23 May 2018 16:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	13.4	20.0
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 8.880 ng
 RT: 27.56 min Scan# 4126
 Delta R.T. -0.02 min
 Lab File: BM015278.D
 Acq: 23 May 2018 16:28

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-4

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	22.7	18.5	27.7
138	21.0	19.0	28.6

Manual Integrations
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 5/24/2018 5:38:10 PM

