

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM052318\
 Data File : BM015277.D
 Acq On : 23 May 2018 15:51
 Operator : SJ/JU
 Sample : J2923-03
 Misc : L00 10 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Manual Integrations
 APPROVED

Sohil
 5/24/2018 5:38:08 PM

Quant Time: May 24 03:29:05 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	219063	20.00	ng	0.00
21) Naphthalene-d8	11.24	136	923855	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	487278	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	972673	20.00	ng	0.00
75) Chrysene-d12	21.83	240	874609	20.00	ng	0.00
86) Perylene-d12	24.27	264	839964	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.89	112	1689274	126.16	ng	0.00
7) Phenol-d6	7.55	99	2233688	128.11	ng	0.00
23) Nitrobenzene-d5	9.59	82	1425322	84.51	ng	0.00
41) 2,4,6-Tribromophenol	16.49	330	836294	136.87	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	3245271	82.79	ng	0.00
78) Terphenyl-d14	20.29	244	3814269	96.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.62	88	51542	9.318	ng	# 100
3) Pyridine	4.08	79	117709	8.307	ng	# 88
4) n-Nitrosodimethylamine	3.98	42	69916m	9.119	ng	
6) Aniline	7.72	93	209847	9.768	ng	96
8) 2-Chlorophenol	7.96	128	142266	9.415	ng	94
9) Benzaldehyde	7.53	77	69847	6.333	ng	94
10) Phenol	7.57	94	172325	9.733	ng	83
11) bis(2-Chloroethyl)ether	7.81	93	135121	9.621	ng	92
12) 1,3-Dichlorobenzene	8.29	146	163430	9.486	ng	95
13) 1,4-Dichlorobenzene	8.44	146	166035	9.531	ng	96
14) 1,2-Dichlorobenzene	8.76	146	159770	9.663	ng	94
15) Benzyl Alcohol	8.65	79	120807	9.582	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.93	45	220923	9.971	ng	96
17) 2-Methylphenol	8.85	107	113463	9.640	ng	92
18) Hexachloroethane	9.50	117	57259	9.256	ng	90
19) n-Nitroso-di-n-propylamine	9.22	70	109880	9.888	ng	90
20) 3+4-Methylphenols	9.17	107	148276	9.487	ng	95
22) Acetophenone	9.24	105	210232	9.486	ng	# 94
24) Nitrobenzene	9.63	77	174561	9.941	ng	96
25) Isophorone	10.15	82	271443	9.371	ng	97
26) 2-Nitrophenol	10.35	139	63832	8.102	ng	# 80
27) 2,4-Dimethylphenol	10.39	122	132485	9.272	ng	93
28) bis(2-Chloroethoxy)methane	10.63	93	184666	9.736	ng	98
29) 2,4-Dichlorophenol	10.88	162	123747	9.145	ng	98
30) 1,2,4-Trichlorobenzene	11.10	180	149548	9.381	ng	99
31) Naphthalene	11.29	128	461799	9.617	ng	99
32) Benzoic acid	10.48	122	63015	7.623	ng	95
33) 4-Chloroaniline	11.40	127	177808	9.279	ng	# 91
34) Hexachlorobutadiene	11.56	225	89554	9.447	ng	98
35) Caprolactam	12.16	113	30453	7.952	ng	91
36) 4-Chloro-3-methylphenol	12.49	107	127670	9.236	ng	93
37) 2-Methylnaphthalene	12.87	142	320876	9.643	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.23	216	161358	9.401	ng	# 100
40) Hexachlorocyclopentadiene	13.20	237	74919	11.510	ng	99

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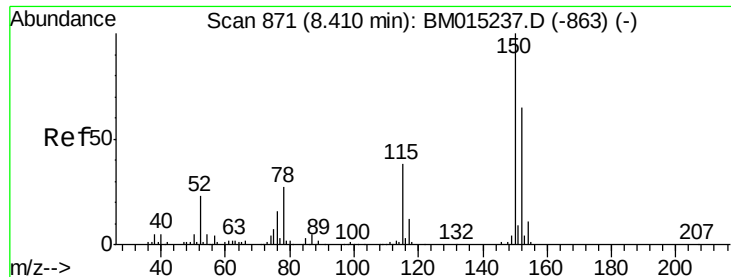
Manual Integrations
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 5/24/2018 5:38:08 PM

Quant Time: May 24 03:29:05 2018
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.46	196	91710	8.892	nq	96
43) 2,4,5-Trichlorophenol	13.53	196	99572	8.941	nq	# 90
45) 1,1'-Biphenyl	13.86	154	410892	9.638	nq	98
46) 2-Chloronaphthalene	13.91	162	313189	9.545	nq	94
47) 2-Nitroaniline	14.11	65	75311	8.056	nq	85
48) Acenaphthylene	14.75	152	453485	9.304	nq	100
49) Dimethylphthalate	14.46	163	371914	9.564	nq	99
50) 2,6-Dinitrotoluene	14.59	165	73946	9.114	nq	90
51) Acenaphthene	15.08	154	287197	9.459	nq	99
52) 3-Nitroaniline	14.92	138	68400	8.006	nq	83
53) 2,4-Dinitrophenol	15.13	184	25734	11.419	nq	89
54) Dibenzofuran	15.41	168	456381	9.534	nq	94
55) 4-Nitrophenol	15.21	139	51601	7.447	nq	# 54
56) 2,4-Dinitrotoluene	15.37	165	88946	8.006	nq	# 82
57) Fluorene	16.05	166	354015	9.358	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.63	232	83896	8.785	nq	# 100
59) Diethylphthalate	15.80	149	358541	9.353	nq	98
60) 4-Chlorophenyl-phenylether	16.03	204	184236	9.561	nq	96
61) 4-Nitroaniline	16.07	138	66972	7.498	nq	# 69
62) Azobenzene	16.32	77	346611	9.518	nq	88
64) 4,6-Dinitro-2-methylphenol	16.13	198	37644	7.012	nq	94
65) n-Nitrosodiphenylamine	16.24	169	302348	9.674	nq	99
66) 4-Bromophenyl-phenylether	16.92	248	105519	9.710	nq	# 91
67) Hexachlorobenzene	17.04	284	121771	9.730	nq	# 83
68) Atrazine	17.17	200	79651	8.034	nq	98
69) Pentachlorophenol	17.38	266	52606	7.551	nq	99
70) Phenanthrene	17.77	178	528483	9.539	nq	99
71) Anthracene	17.87	178	515438	9.333	nq	99
72) Carbazole	18.13	167	445790	9.118	nq	99
73) Di-n-butylphthalate	18.65	149	511251	8.882	nq	# 98
74) Fluoranthene	19.75	202	543633	8.947	nq	98
76) Benzidine	19.92	184	135200	4.938	nq	98
77) Pyrene	20.10	202	550341	9.970	nq	100
79) Butylbenzylphthalate	20.95	149	198455	8.805	nq	93
80) Benzo(a)anthracene	21.82	228	521070	9.454	nq	100
81) 3,3'-Dichlorobenzidine	21.73	252	179646	8.803	nq	99
82) Chrysene	21.87	228	498741	9.608	nq	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	286223	8.731	nq	97
84) Di-n-octyl phthalate	22.63	149	458770	8.001	nq	# 93
85) Indeno(1,2,3-cd)pyrene	26.79	276	547046	8.711	nq	# 90
87) Benzo(b)fluoranthene	23.52	252	488146m	9.185	nq	
88) Benzo(k)fluoranthene	23.57	252	486408	9.676	nq	98
89) Benzo(a)pyrene	24.16	252	455473	9.188	nq	98
90) Dibenzo(a,h)anthracene	26.79	278	467241	9.239	nq	99
91) Benzo(g,h,i)perylene	27.56	276	451881	9.174	nq	96

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



#1

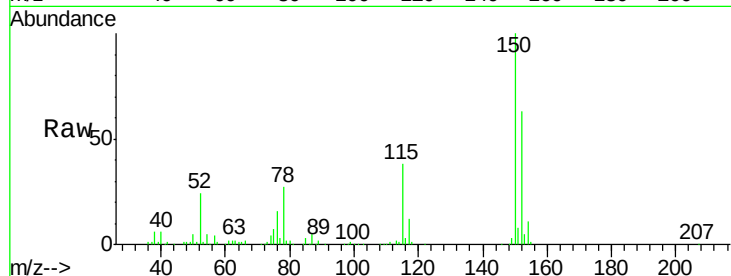
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

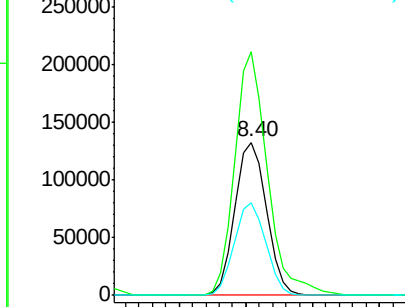
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	60.3	43.0	64.4

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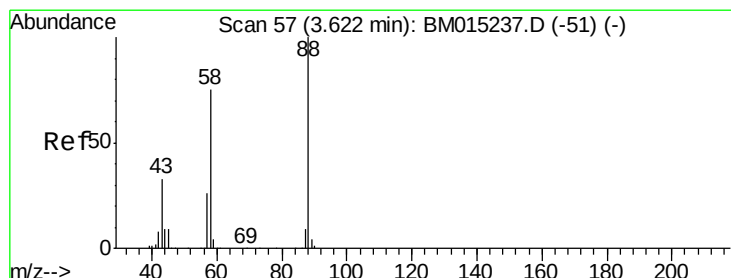
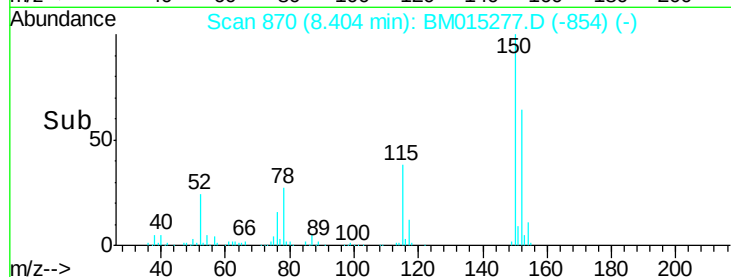
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



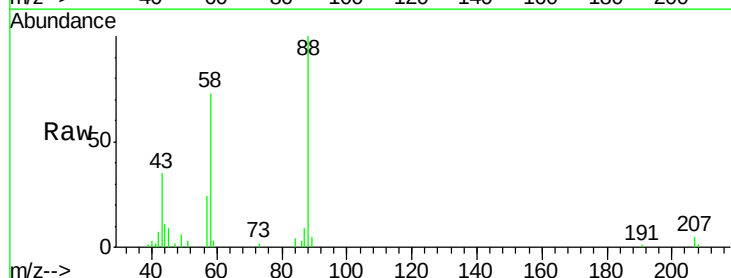
Time-->



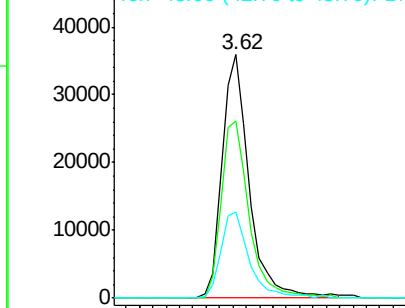
#2

1,4-Dioxane
Concen: 9.318 ng
RT: 3.62 min Scan# 57
Delta R.T. 0.00 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

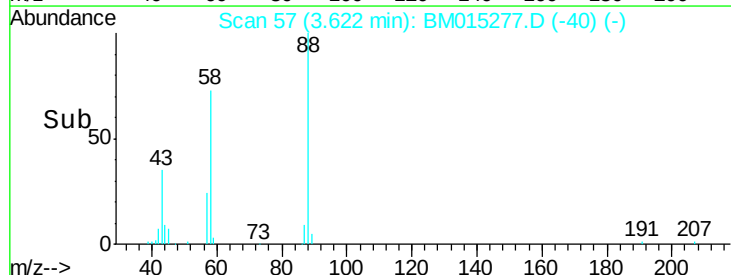
Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.7	0.0	0.0#
43	36.7	0.0	0.0#

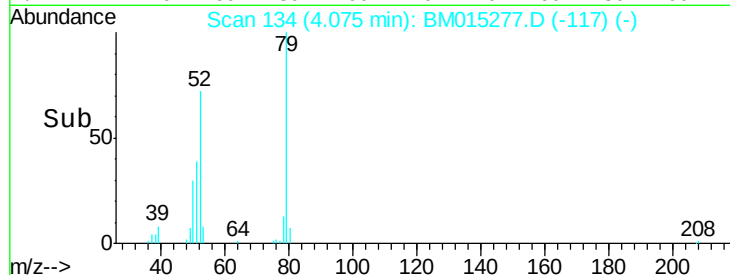
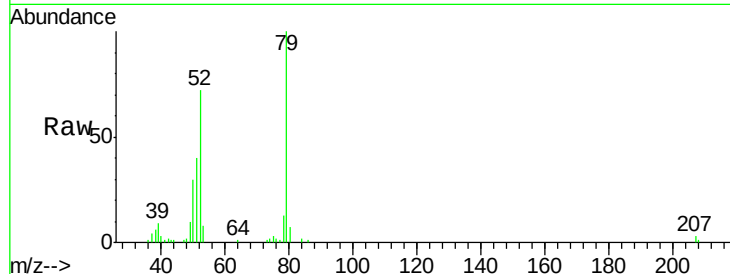
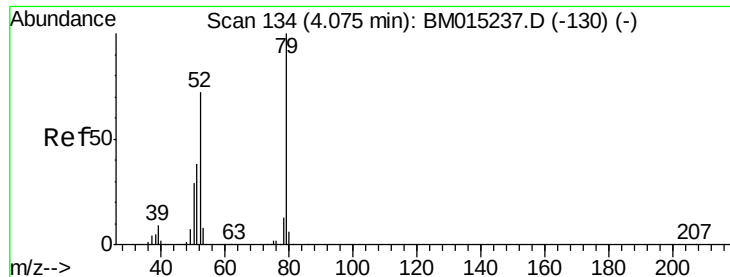


Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0



Time-->





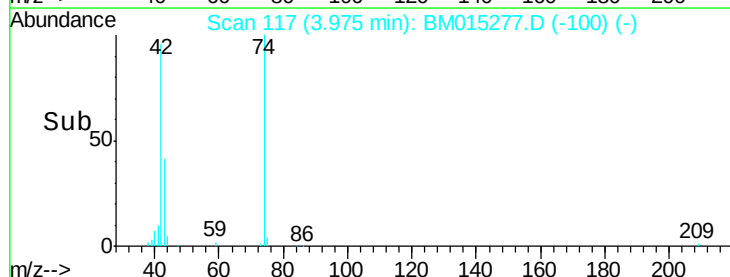
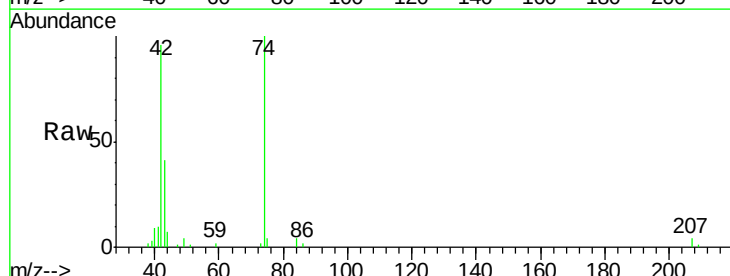
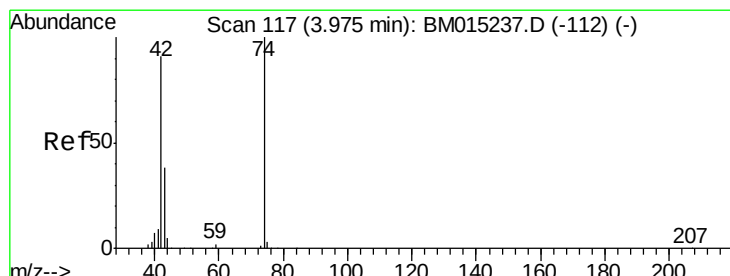
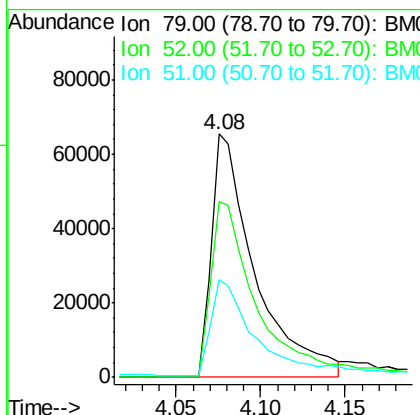
#3
Pvridine
Concen: 8.307 ng
RT: 4.08 min Scan# 134
Delta R.T. 0.00 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.4	51.1	76.7
51	40.2	26.1	39.1#

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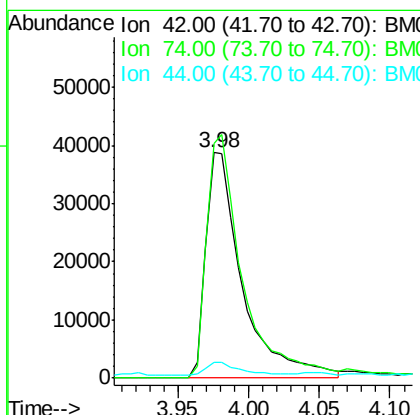
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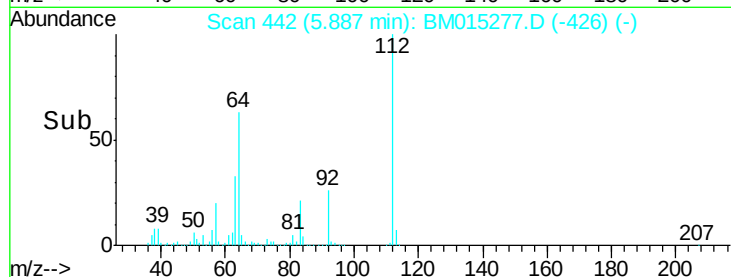
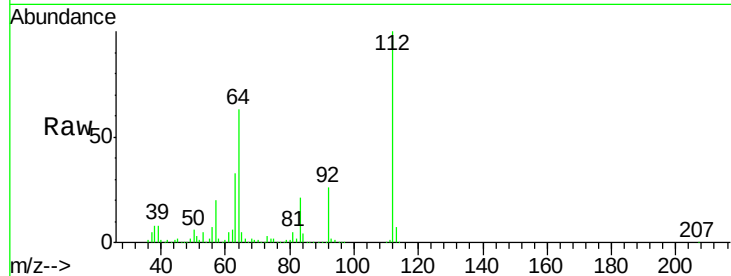
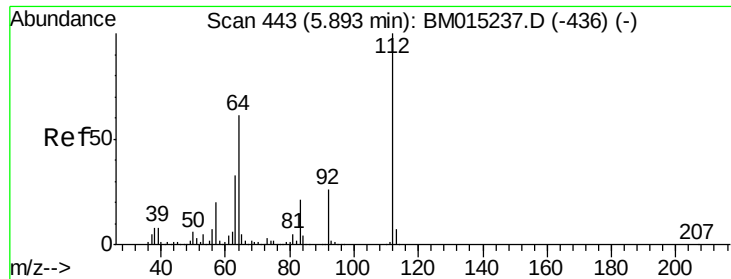
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#4
n-Nitrosodimethylamine
Concen: 9.119 ng m
RT: 3.98 min Scan# 117
Delta R.T. 0.00 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.3	119.3	178.9#
44	7.0	5.4	8.2





#5

2-Fluorophenol

Concen: 126.164 ng

RT: 5.89 min Scan# 442

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tot Ion:	112	Resp:	1689274
Ion Ratio	Lower	Upper	
112	100		
64	62.9	38.6	57.8#
63	33.4	19.3	28.9#

Instrument :

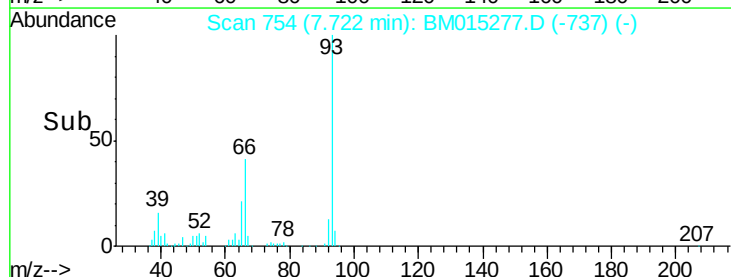
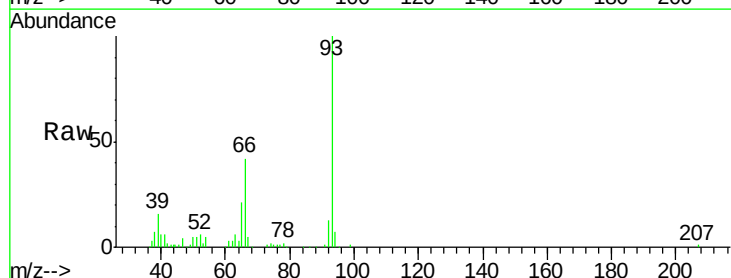
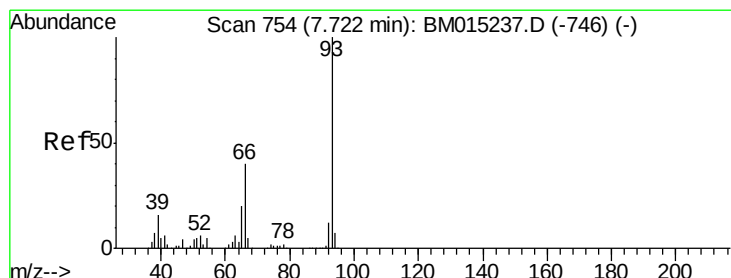
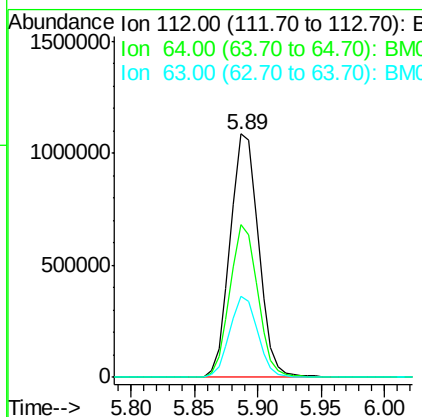
BNA_M

ClientSampleId :

LOQ-SCM-Precision-Bias-3

Manual Integrations
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#6

Aniline

Concen: 9.768 ng

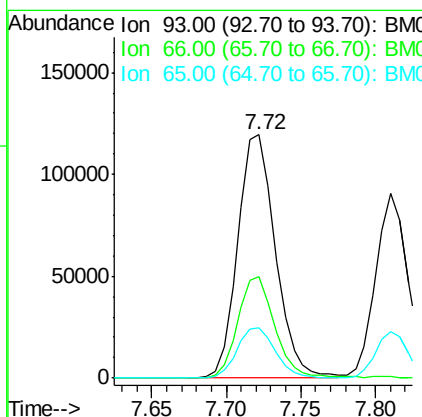
RT: 7.72 min Scan# 754

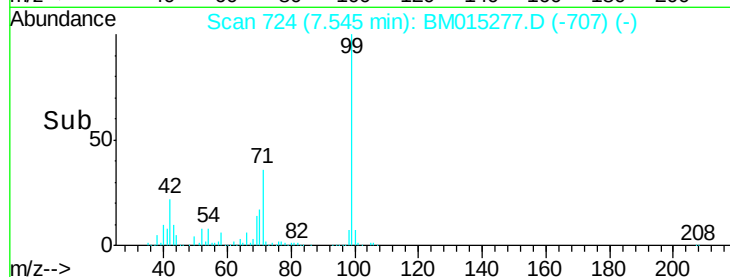
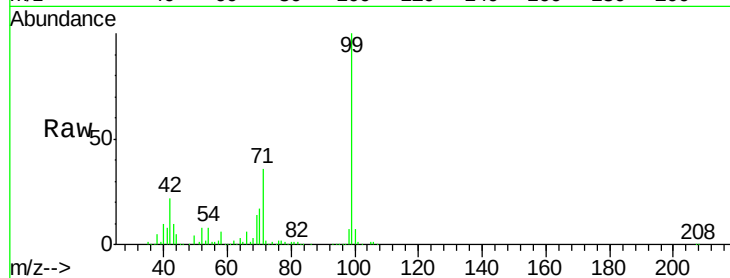
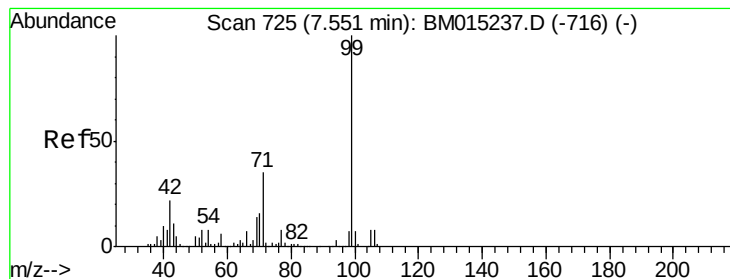
Delta R.T. 0.00 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	93	Resp:	209847
Ion Ratio	Lower	Upper	
93	100		
66	41.5	30.8	46.2
65	20.7	16.0	24.0





#7

Phenol-d6

Concen: 128.110 ng

RT: 7.55 min Scan# 724

Delta R.T. 0.00 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tot Ion: 99 Resp: 2233688

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

71 36.4 23.4 35.2#

Instrument :

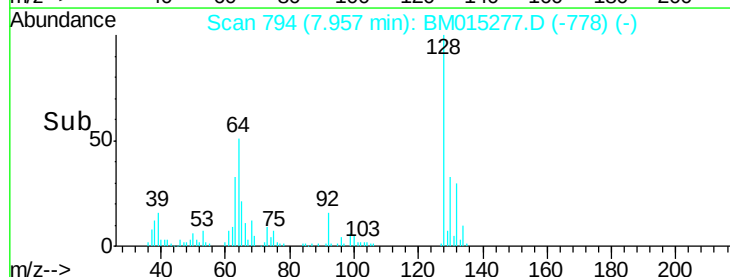
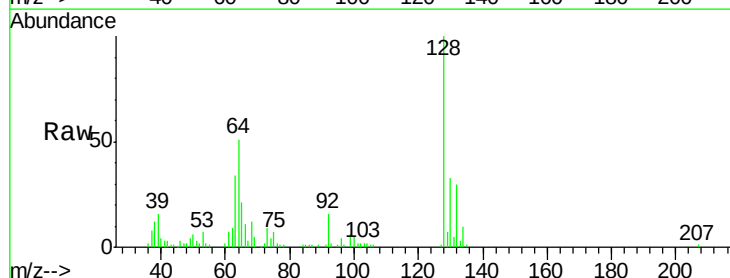
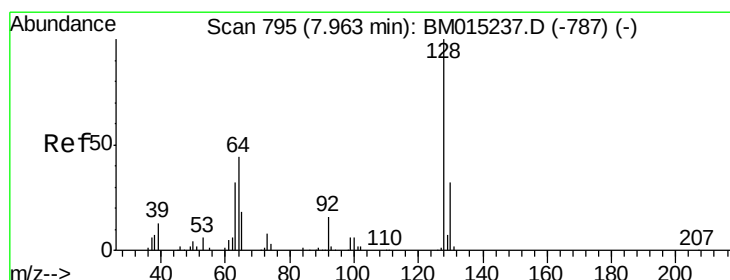
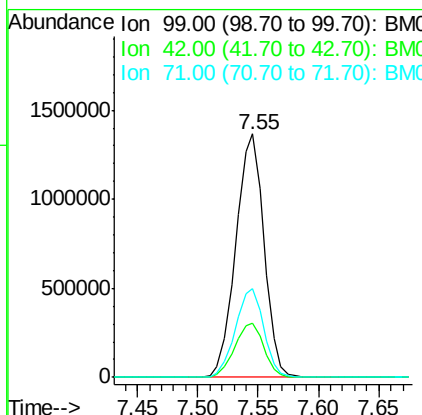
BNA_M

ClientSampleId :

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Manual Integrations
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#8

2-Chlorophenol

Concen: 9.415 ng

RT: 7.96 min Scan# 794

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

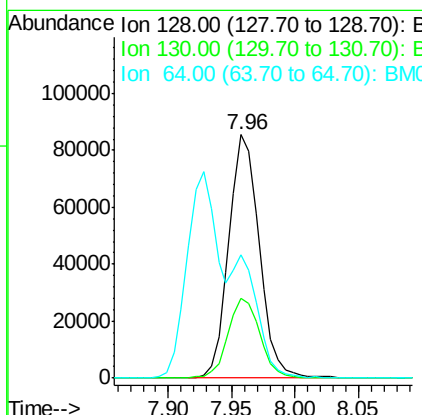
Tgt Ion: 128 Resp: 142266

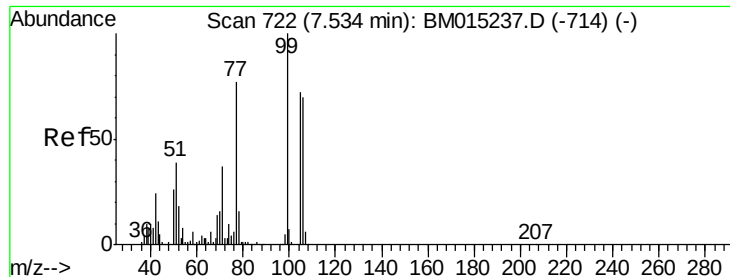
Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

64 50.6 24.9 64.9





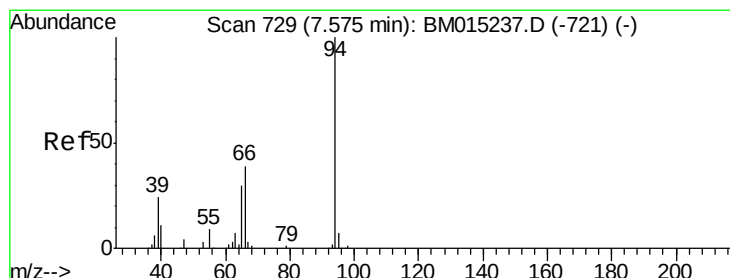
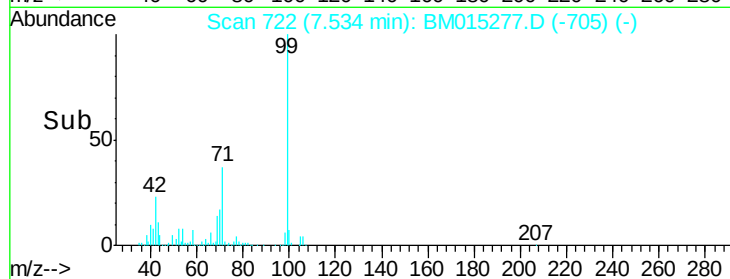
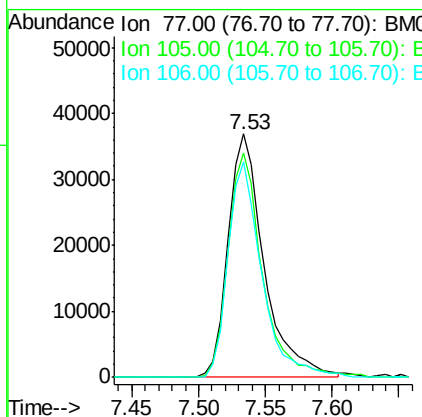
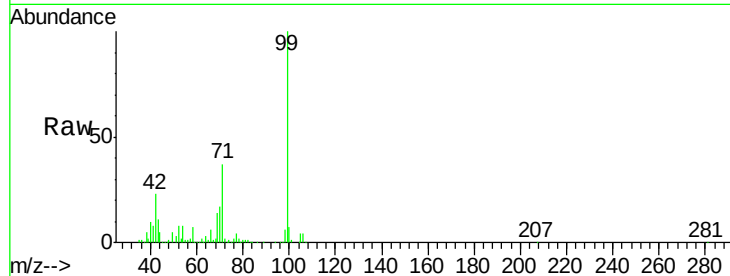
#9
Benzaldehyde
Concen: 6.333 ng
RT: 7.53 min Scan# 722
Delta R.T. 0.00 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		69847		
105	92.3	78.8	118.8		
106	88.3	73.7	113.7		

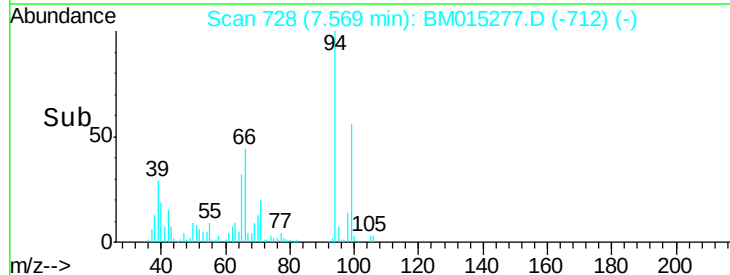
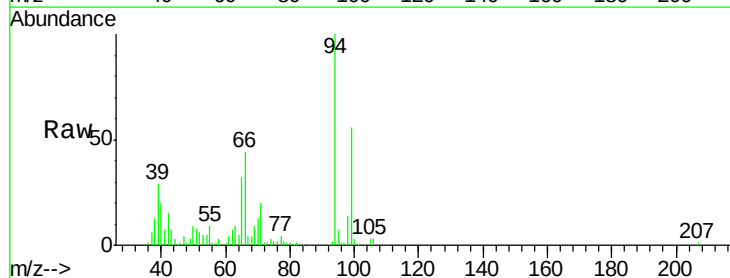
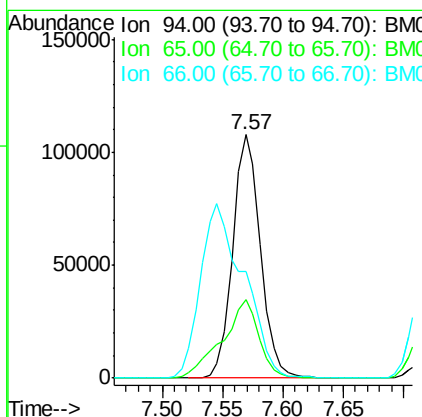
Manual Integrations
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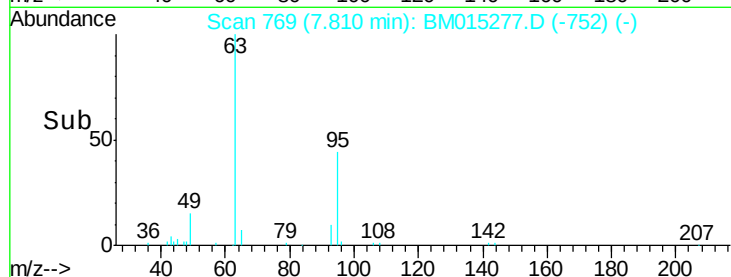
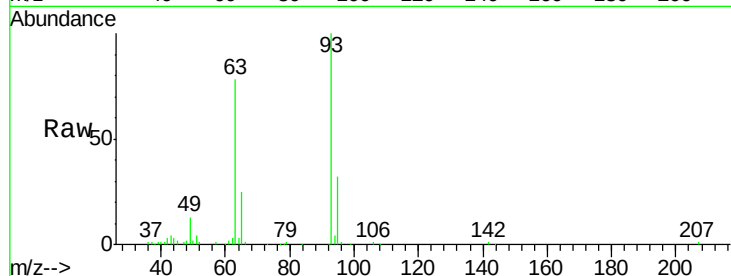
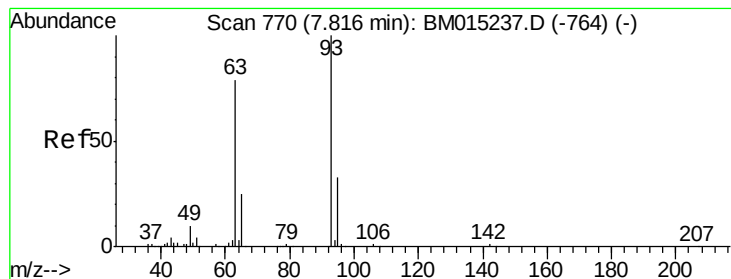
Sohil
5/24/2018 5:38:08 PM



#10
Phenol
Concen: 9.733 ng
RT: 7.57 min Scan# 728
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100		172325		
65	32.0	18.8	58.8		
66	43.6	39.9	79.9		





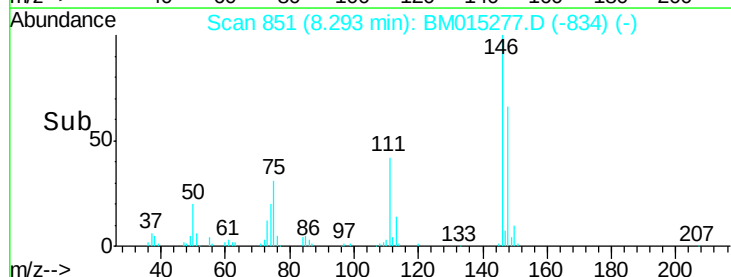
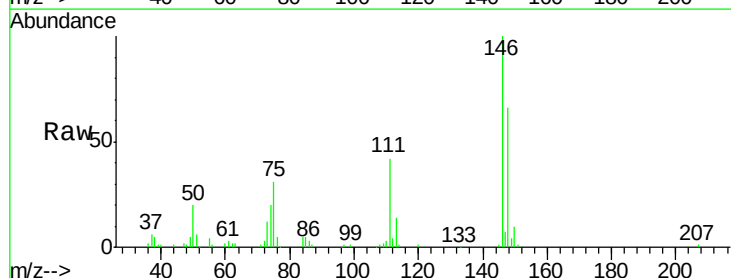
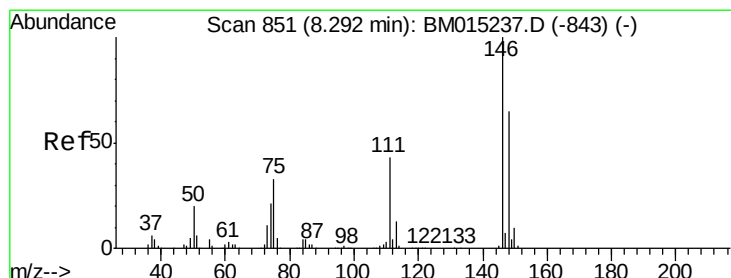
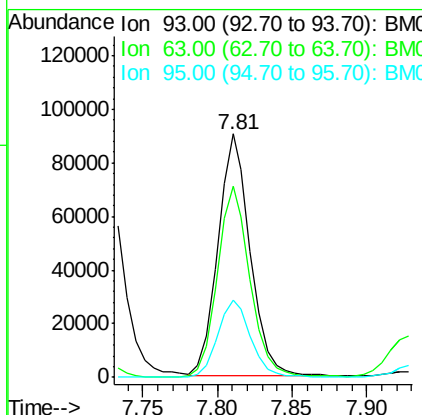
#11
bis(2-Chloroethyl)ether
Concen: 9.621 ng
RT: 7.81 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tot Ion	93	Resp	135121
Ion Ratio	Lower	Upper	
93	100		
63	78.5	49.5	89.5
95	31.9	13.5	53.5

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

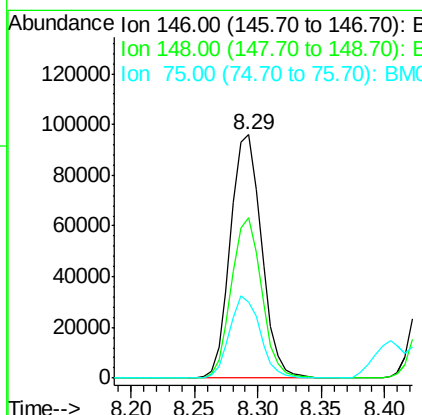
Manual Integrations
APPROVED

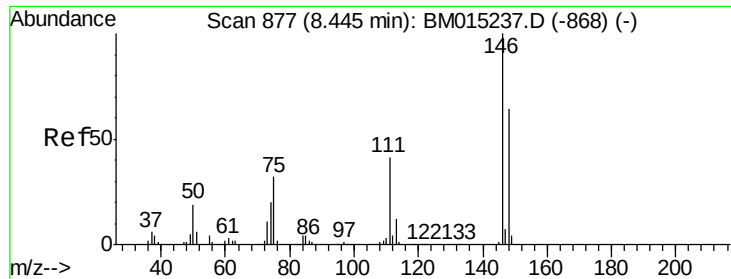
Sohil
5/24/2018 5:38:08 PM



#12
1,3-Dichlorobenzene
Concen: 9.486 ng
RT: 8.29 min Scan# 851
Delta R.T. 0.00 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	146	Resp	163430
Ion Ratio	Lower	Upper	
146	100		
148	66.0	50.9	76.3
75	31.4	21.4	32.2





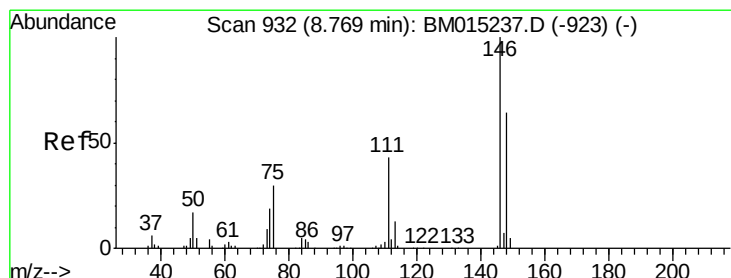
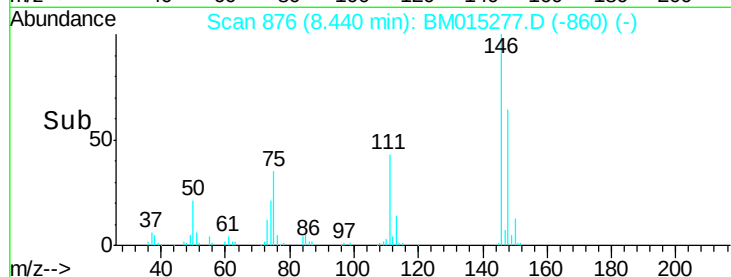
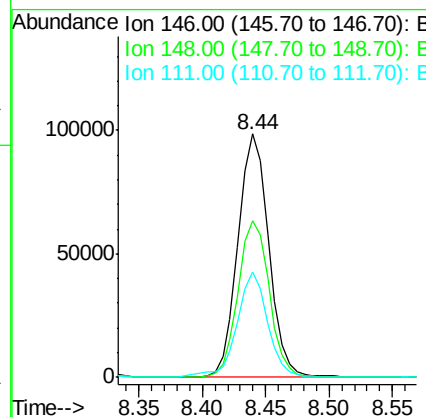
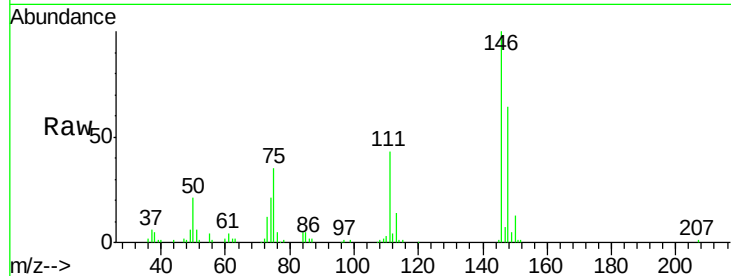
#13
 1,4-Dichlorobenzene
 Concen: 9.531 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.9	77.9
111	43.1	29.2	43.8

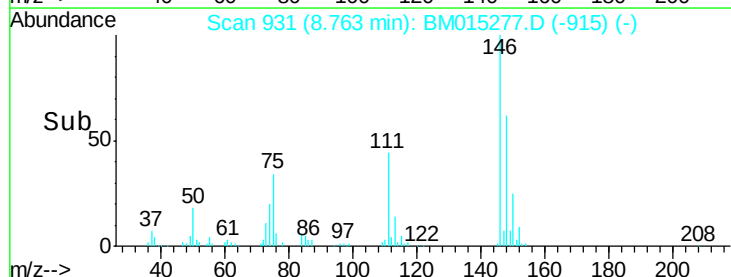
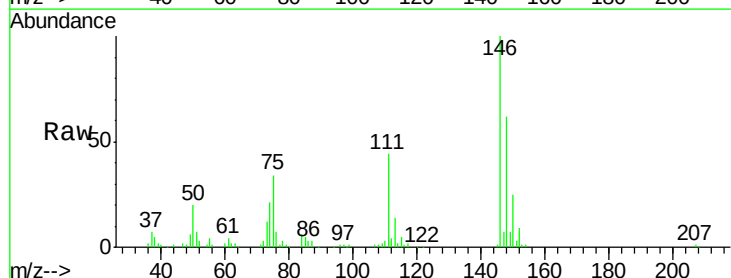
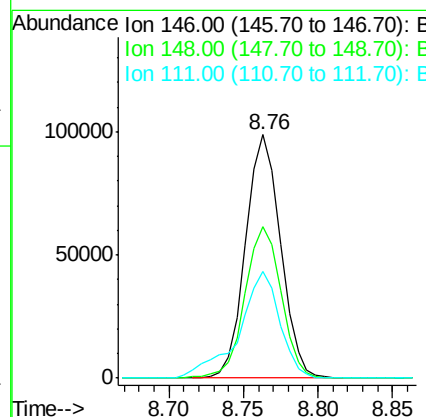
Manual Integrations
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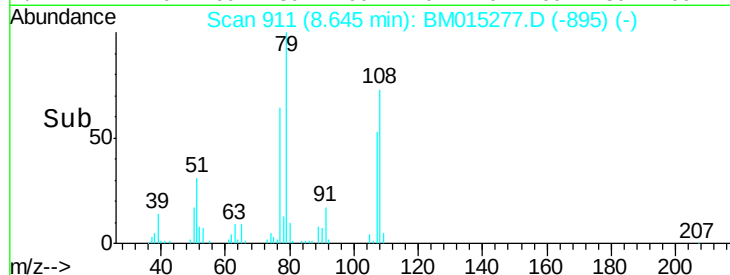
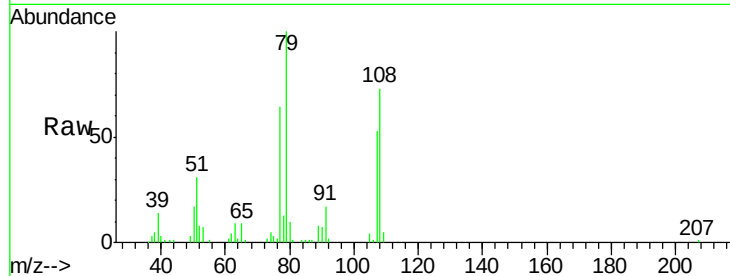
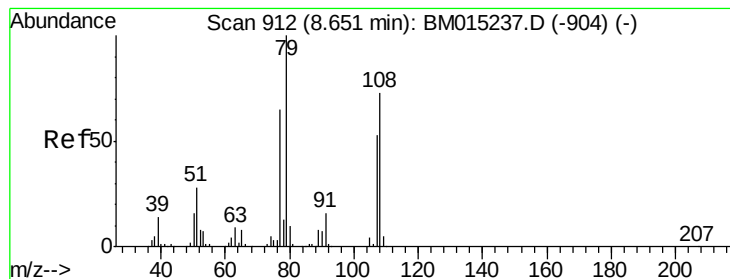
Sohil
 5/24/2018 5:38:08 PM



#14
 1,2-Dichlorobenzene
 Concen: 9.663 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	52.3	78.5
111	43.7	30.6	45.8





#15

Benzyl Alcohol

Concen: 9.582 ng

RT: 8.65 min Scan# 911

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tot Ion:	79	Resp:	120807
Ion Ratio	Lower	Upper	
79	100		
108	72.6	65.0	97.4
77	63.7	53.0	79.6

Instrument :

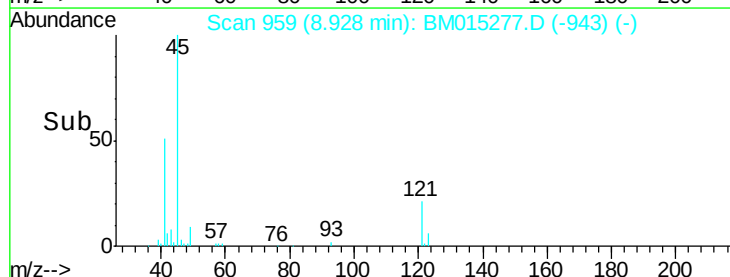
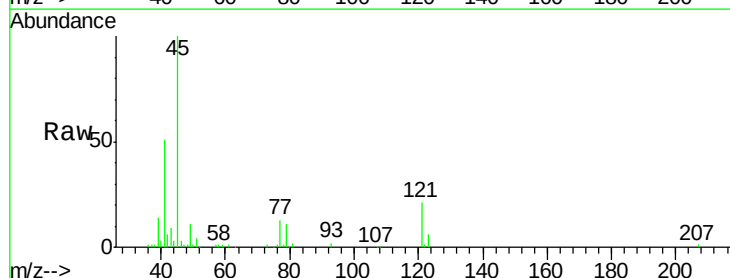
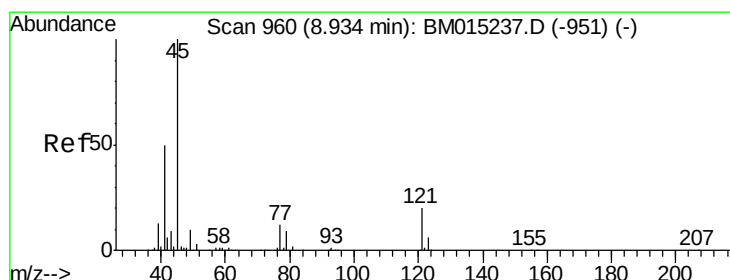
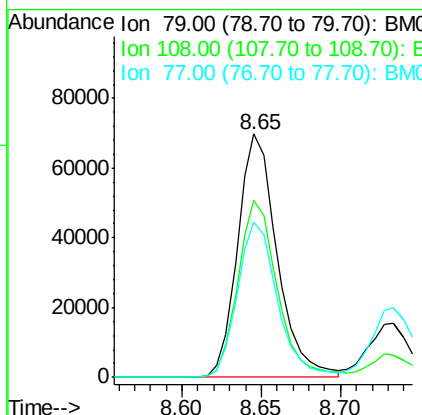
BNA_M

ClientSampleId :

LOQ-SCM-Precision-Bias-3

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.971 ng

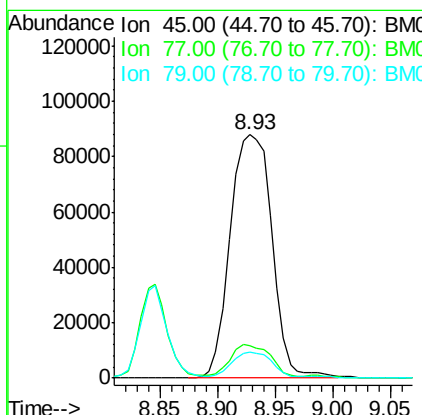
RT: 8.93 min Scan# 959

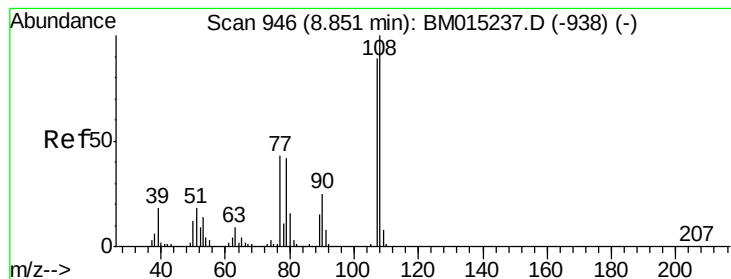
Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	45	Resp:	220923
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	35.2
79	10.9	0.0	32.0





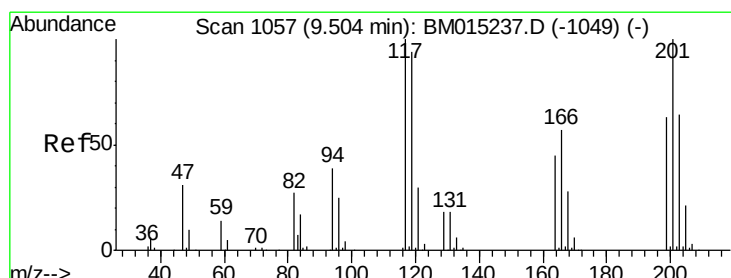
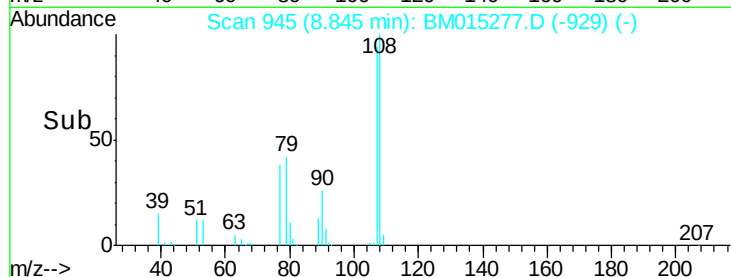
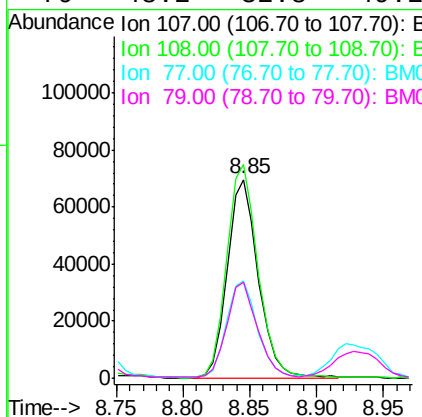
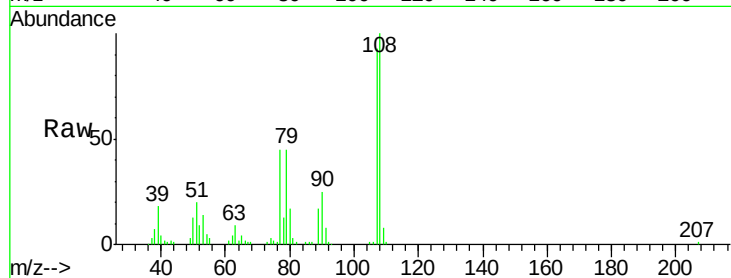
#17
2-Methylphenol
Concen: 9.640 ng
RT: 8.85 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.6	89.8	134.8	
77	48.8	32.6	48.8	
79	48.2	32.8	49.2	

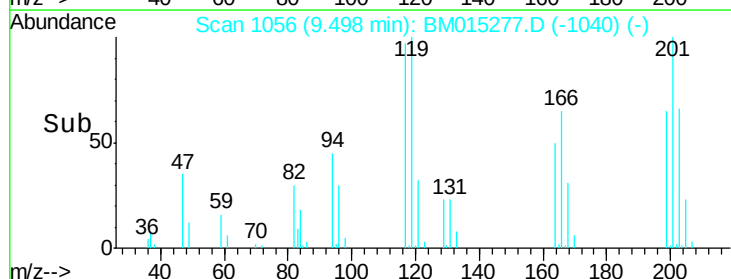
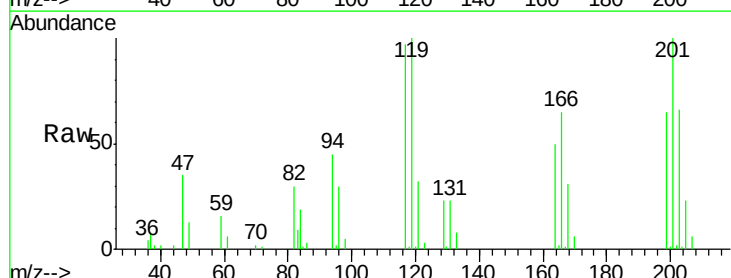
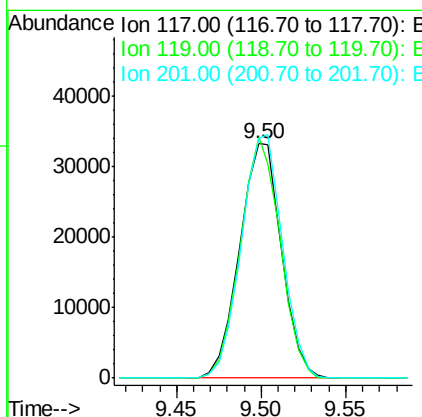
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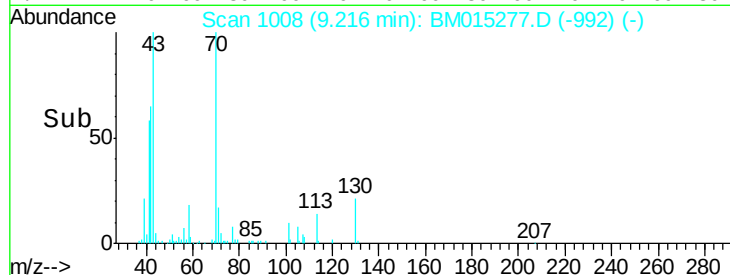
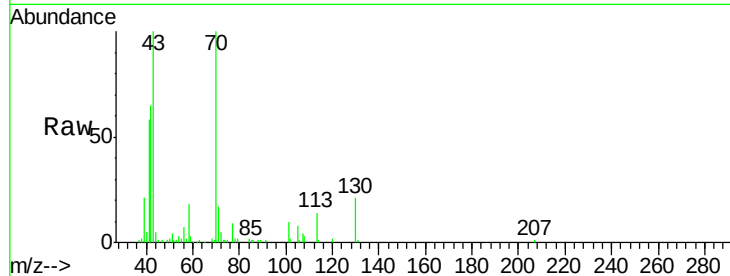
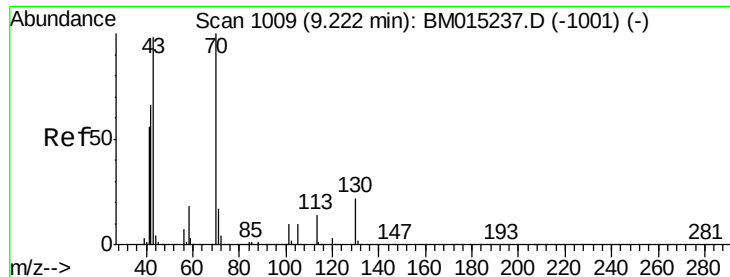
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#18
Hexachloroethane
Concen: 9.256 ng
RT: 9.50 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	102.8	79.2	118.8	
201	102.7	69.8	104.6	





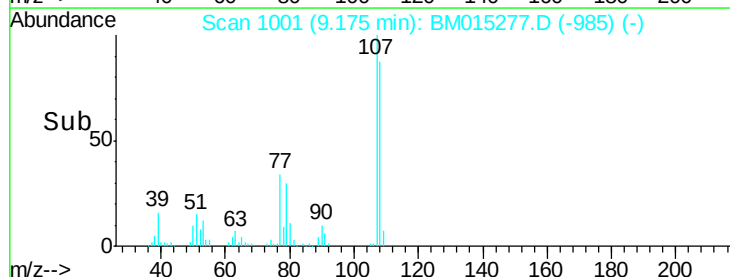
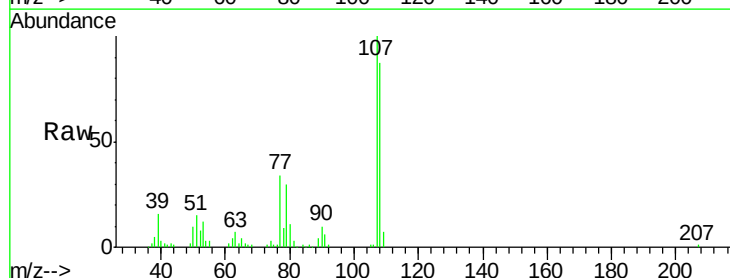
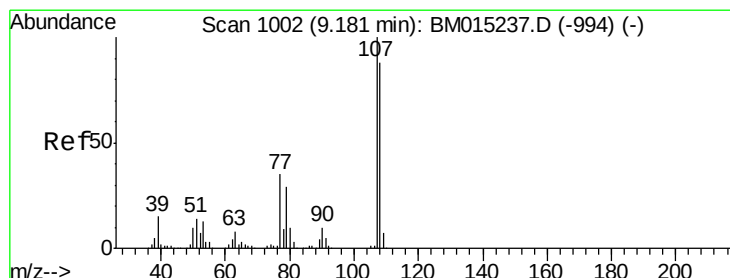
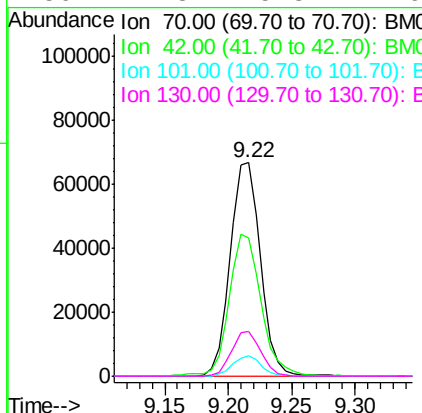
#19
n-Nitroso-di-n-propylamine
Concen: 9.888 ng
RT: 9.22 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		109880		
42	64.8	44.5	66.7		
101	9.6	7.4	11.2		
130	21.3	15.3	22.9		

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

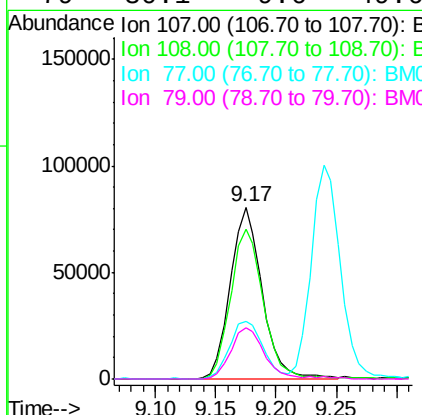
Manual Integrations
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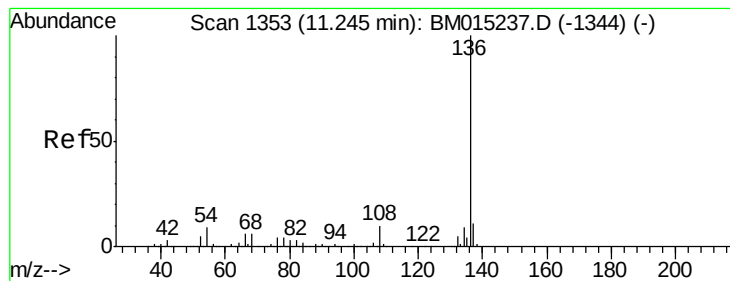
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#20
3+4-Methylphenols
Concen: 9.487 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		148276		
108	87.4	73.2	113.2		
77	33.9	10.7	50.7		
79	30.1	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: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

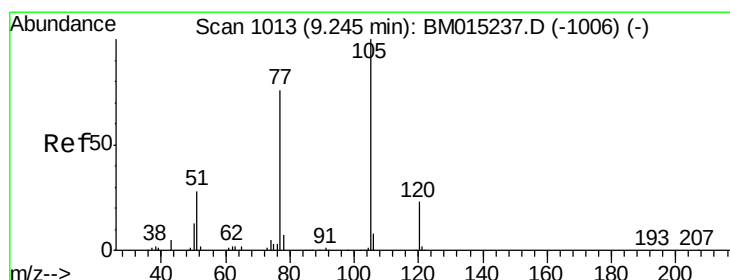
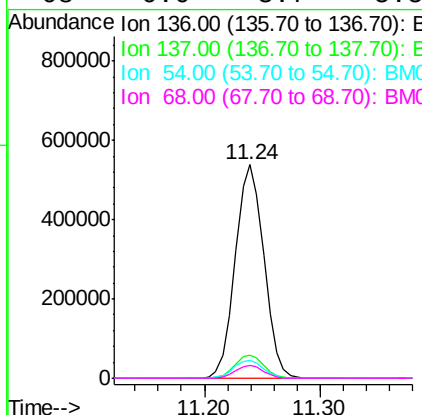
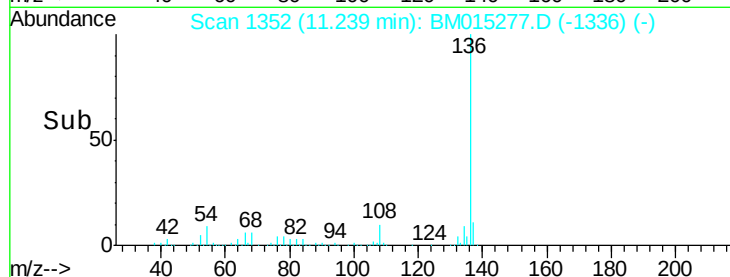
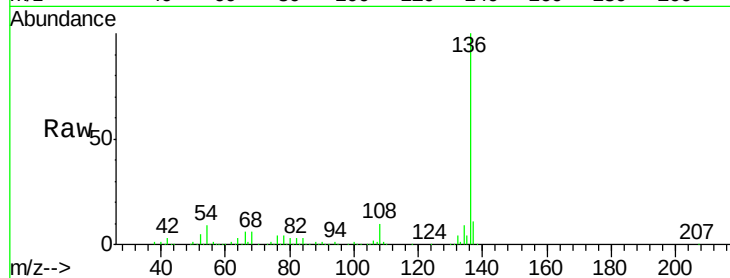
ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		923855		
137	11.0	8.7	13.1		
54	8.5	4.6	6.8#		
68	6.0	3.7	5.5#		

Manual Integrations
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#22

Acetophenone

Concen: 9.486 ng

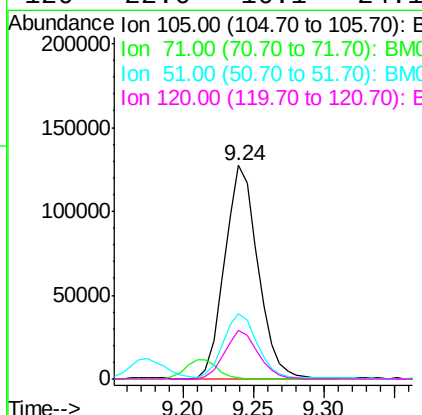
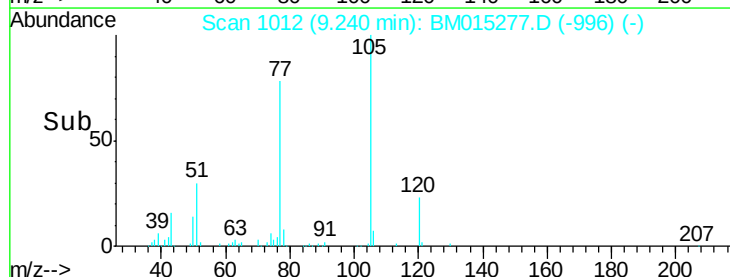
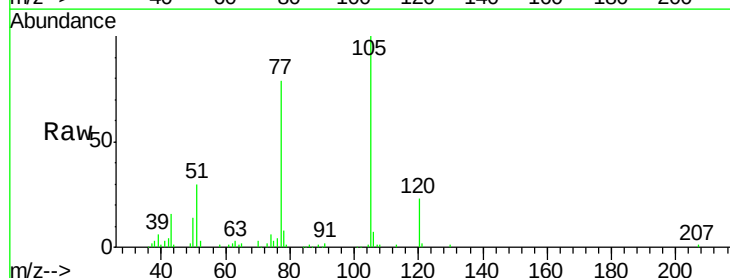
RT: 9.24 min Scan# 1012

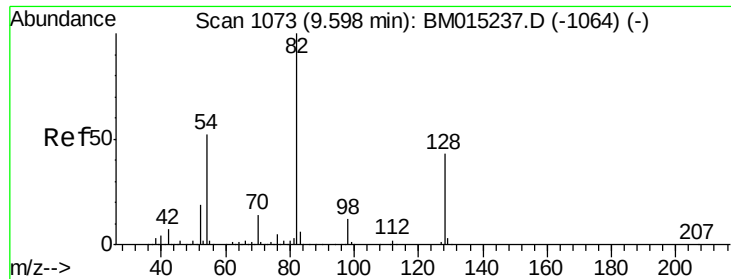
Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		210232		
71	0.4	0.6	1.0#		
51	30.4	21.6	32.4		
120	22.6	16.1	24.1		





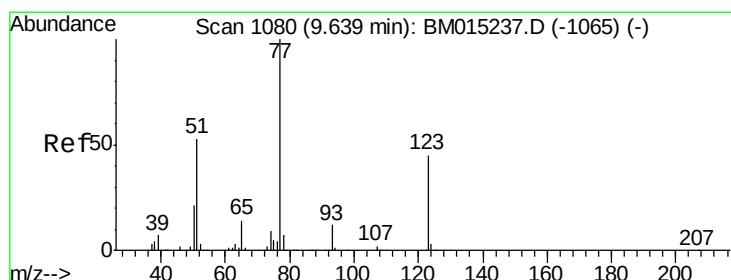
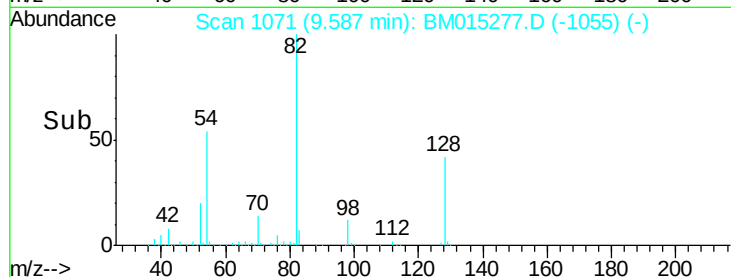
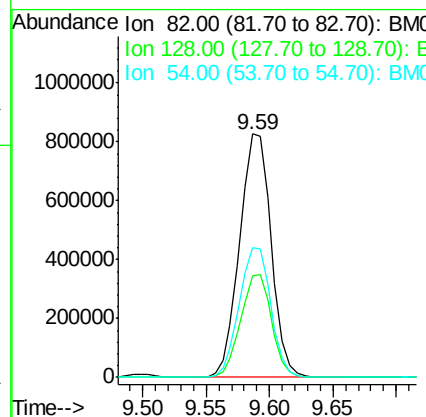
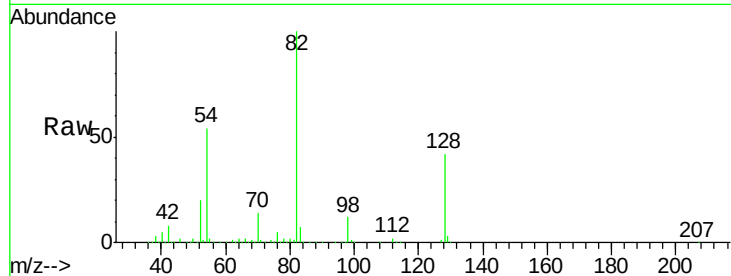
#23
 Nitrobenzene-d5
 Concen: 84.515 ng
 RT: 9.59 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tot Ion	82	Resp	1425322
Ion Ratio	100	Lower	Upper
82	100		
128	41.6	32.8	49.2
54	53.5	40.6	60.8

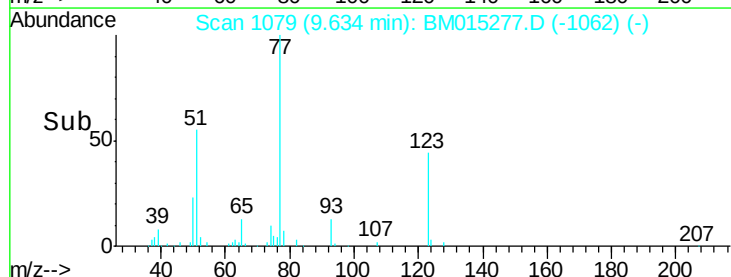
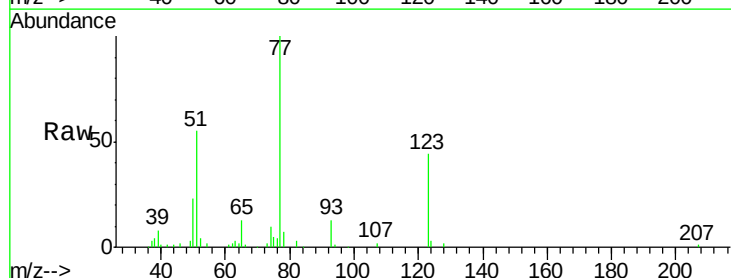
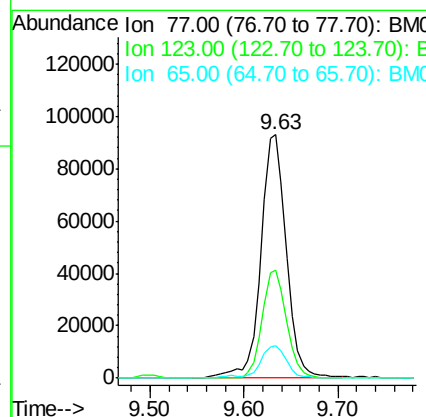
Manual Integrations
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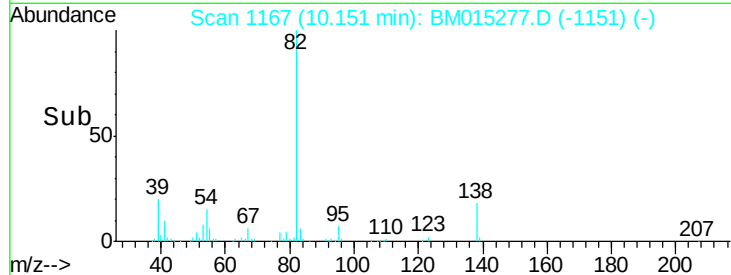
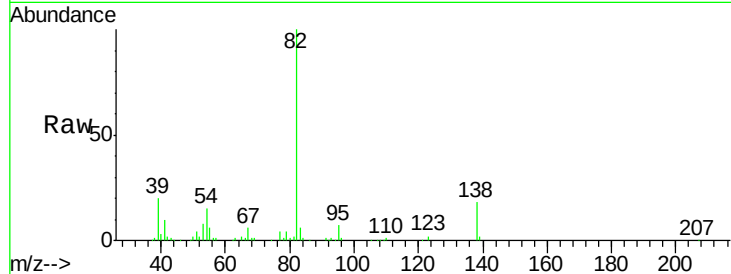
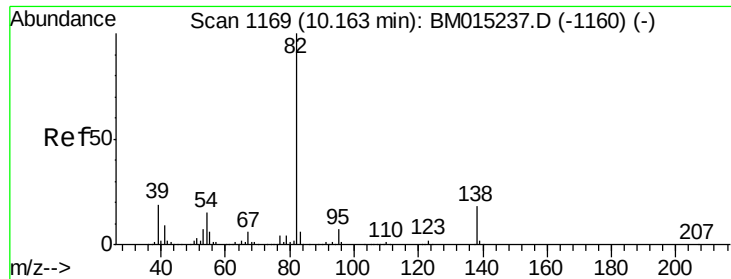
Sohil
 5/24/2018 5:38:08 PM



#24
 Nitrobenzene
 Concen: 9.941 ng
 RT: 9.63 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion	77	Resp	174561
Ion Ratio	100	Lower	Upper
77	100		
123	44.2	32.6	49.0
65	13.4	10.9	16.3





#25

Isophorone

Concen: 9.371 ng

RT: 10.15 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tot Ion:	82	Resp:	271443
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.8	8.6
138	18.4	16.3	24.5

Instrument :

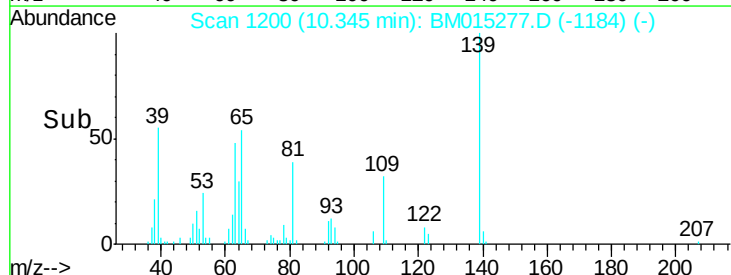
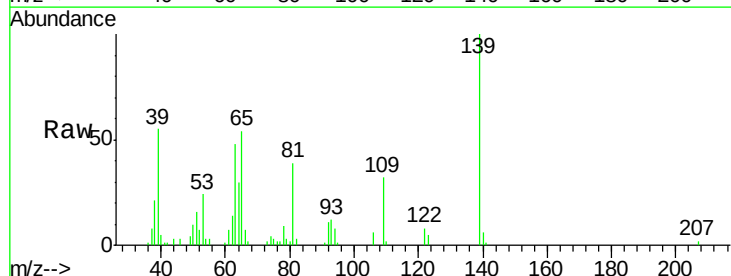
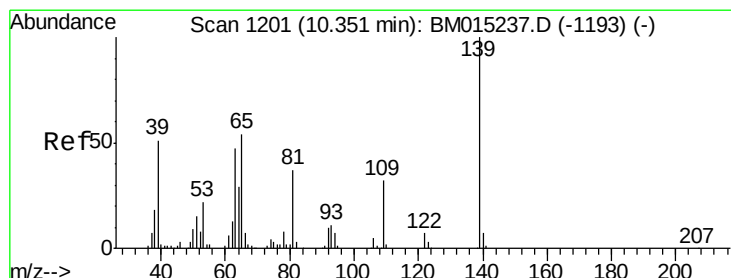
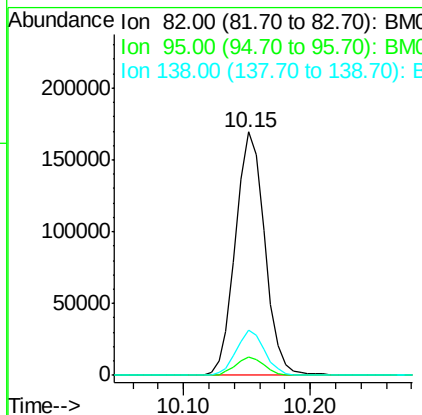
BNA_M

ClientSampleId :

LOQ-SCM-Precision-Bias-3

Manual Integrations
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#26

2-Nitrophenol

Concen: 8.102 ng

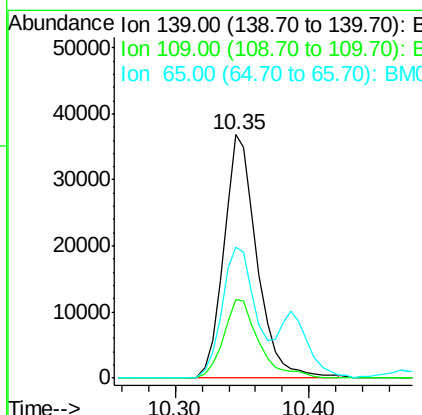
RT: 10.35 min Scan# 1200

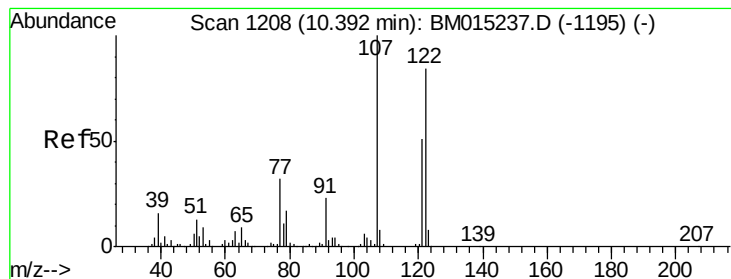
Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	139	Resp:	63832
Ion Ratio	Lower	Upper	
139	100		
109	32.2	20.1	30.1#
65	53.6	31.5	47.3#





#27

2,4-Dimethylphenol

Concen: 9.272 ng

RT: 10.39 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

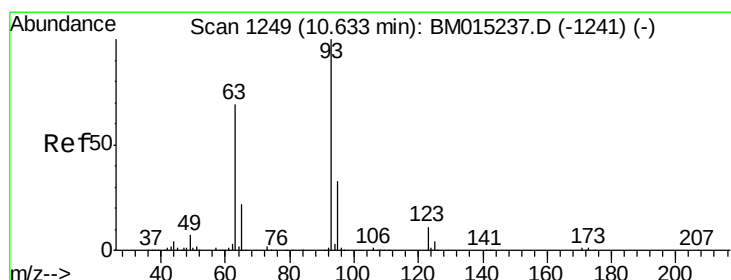
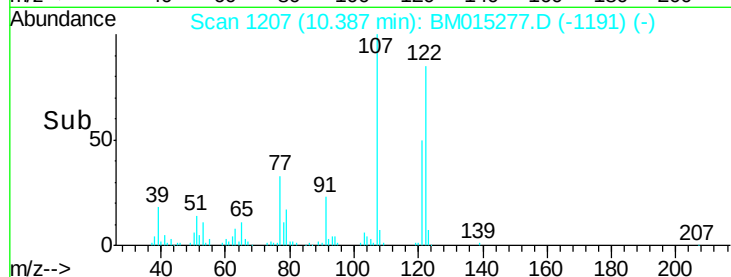
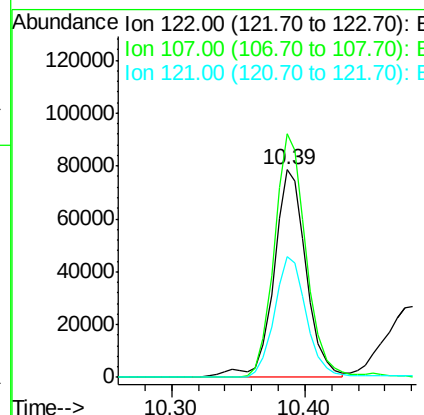
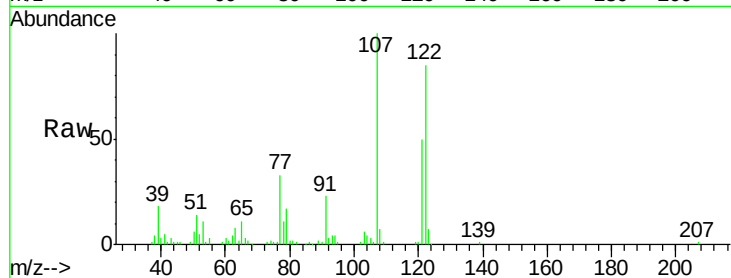
ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion:	122	Resp:	132485
Ion Ratio	Lower	Upper	
122	100		
107	117.3	84.7	127.1
121	58.2	46.6	69.8

Manual Integrations
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5/24/2018 5:38:08 PM



#28

bis(2-Chloroethoxy)methane

Concen: 9.736 ng

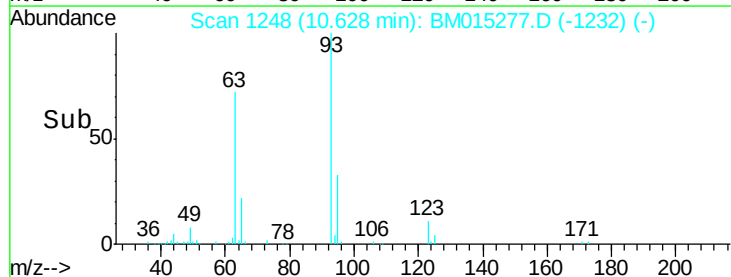
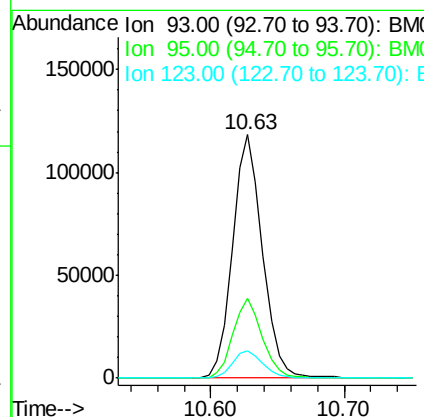
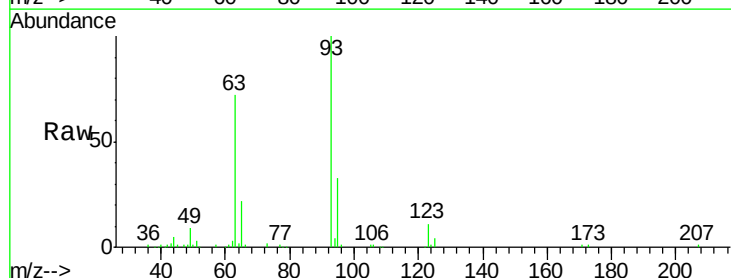
RT: 10.63 min Scan# 1248

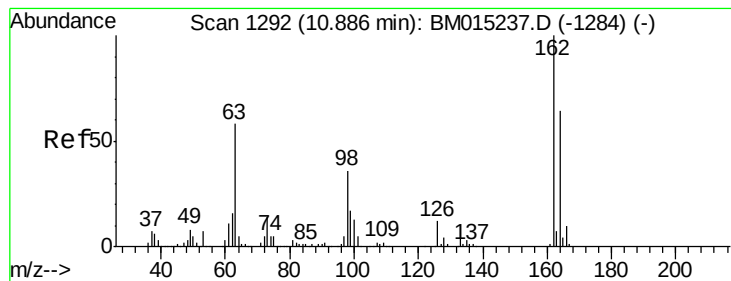
Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	93	Resp:	184666
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.5	38.3
123	11.3	8.6	13.0





#29

2,4-Dichlorophenol

Concen: 9.145 ng

RT: 10.88 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

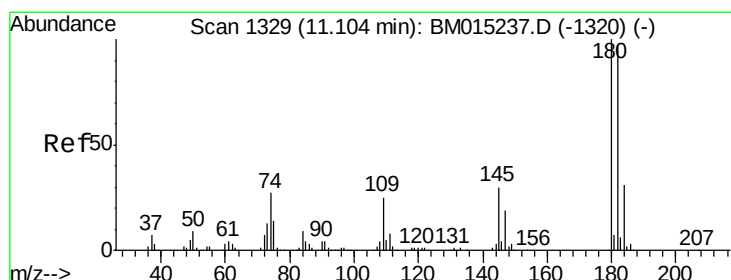
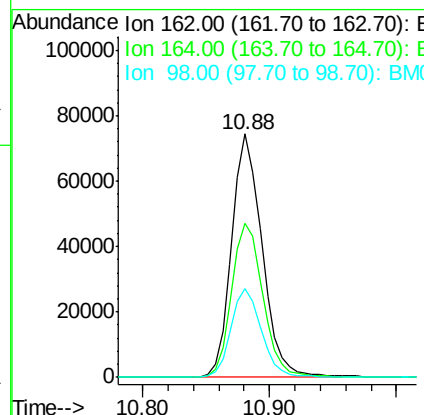
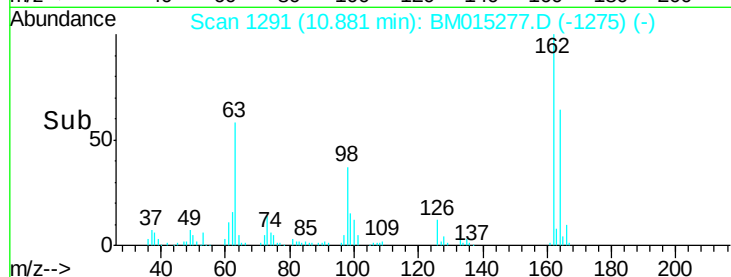
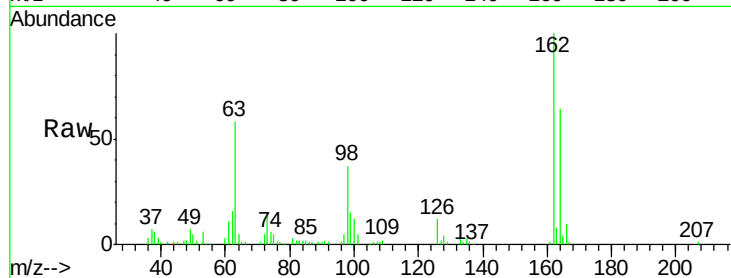
ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion:	162	Resp:	123747
Ion Ratio	Lower	Upper	
162	100		
164	63.5	42.8	82.8
98	36.6	14.5	54.5

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#30

1,2,4-Trichlorobenzene

Concen: 9.381 ng

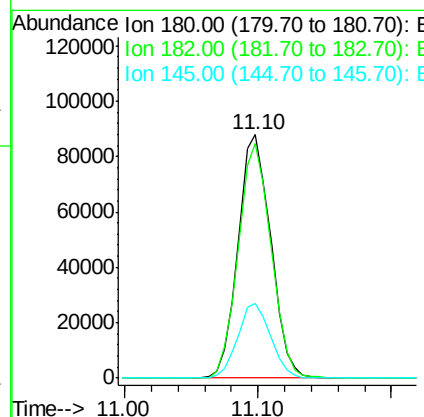
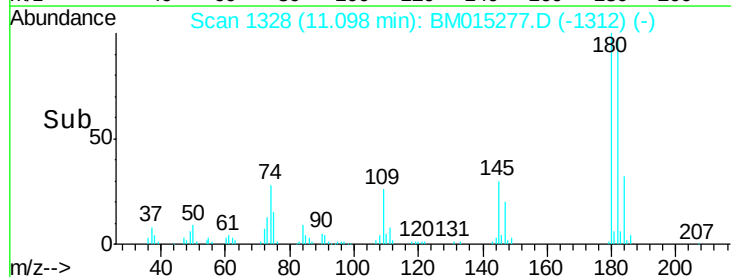
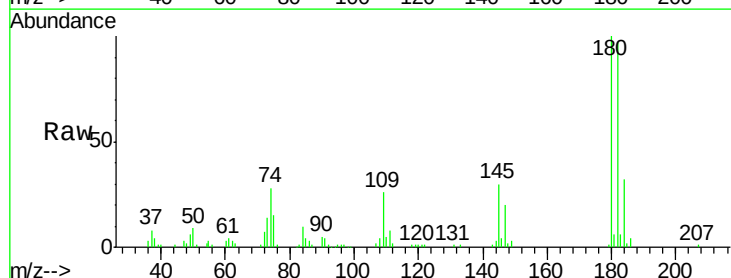
RT: 11.10 min Scan# 1328

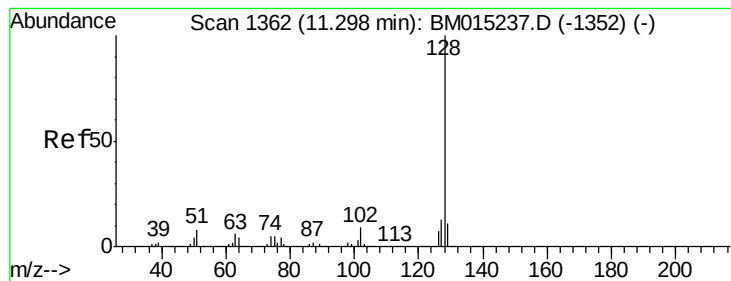
Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	180	Resp:	149548
Ion Ratio	Lower	Upper	
180	100		
182	96.6	77.6	116.4
145	30.4	23.4	35.2





#31

Naphthalene

Concen: 9.617 ng

RT: 11.29 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

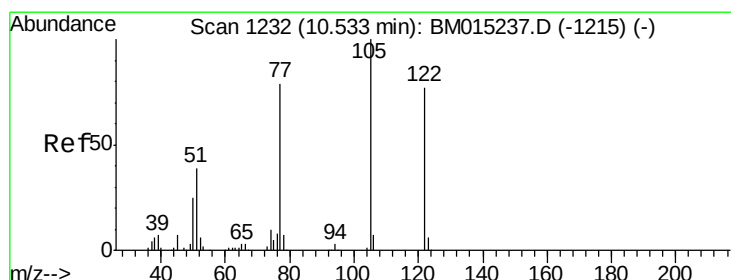
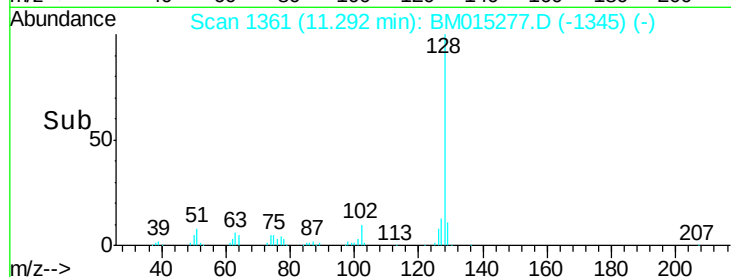
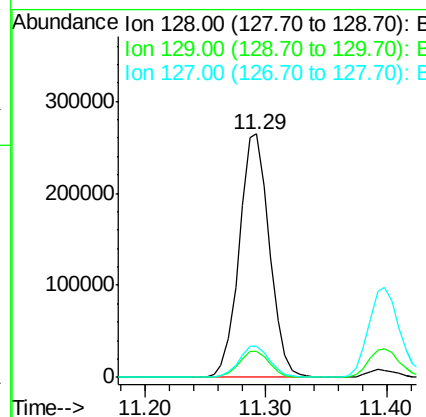
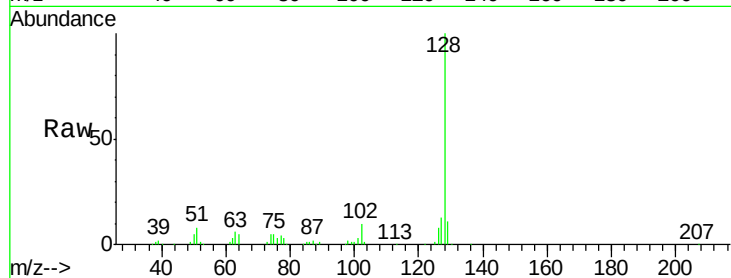
ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion:	128	Resp:	461799
Ion Ratio		Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.9	10.4	15.6

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#32

Benzoic acid

Concen: 7.623 ng

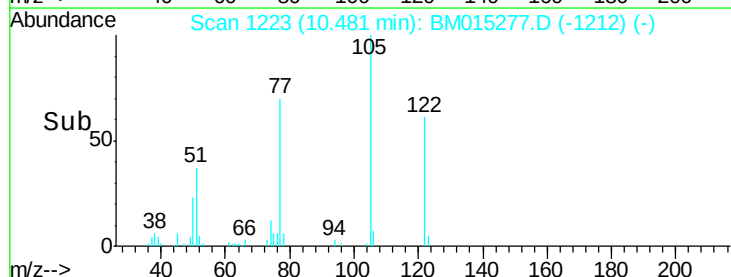
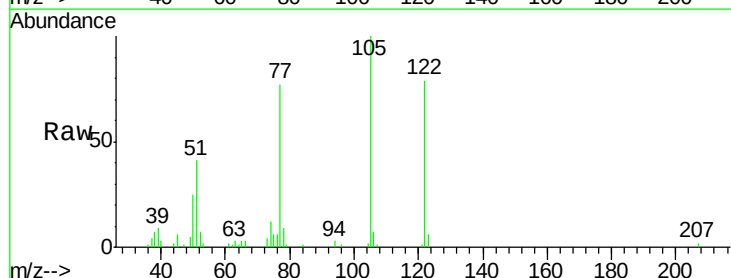
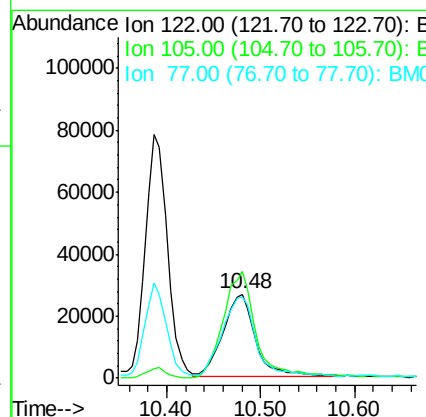
RT: 10.48 min Scan# 1223

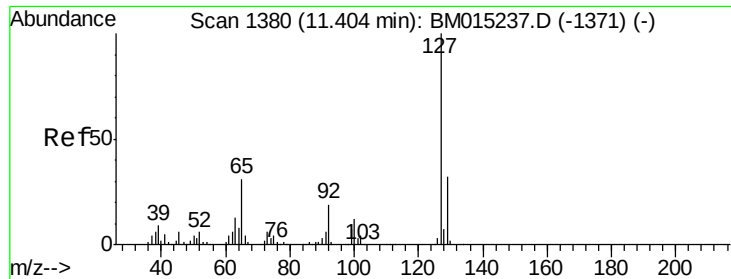
Delta R.T. -0.04 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	122	Resp:	63015
Ion Ratio		Lower	Upper
122	100		
105	127.1	99.9	139.9
77	97.4	73.7	113.7





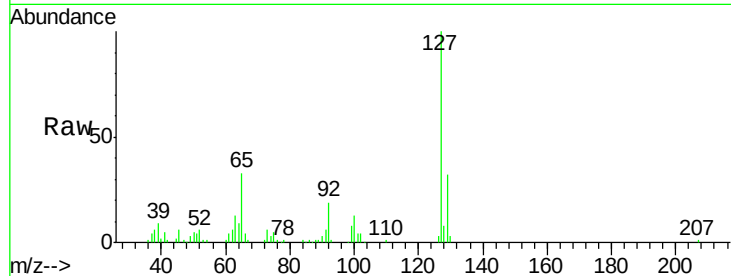
#33
4-Chloroaniline
Concen: 9.279 ng
RT: 11.40 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

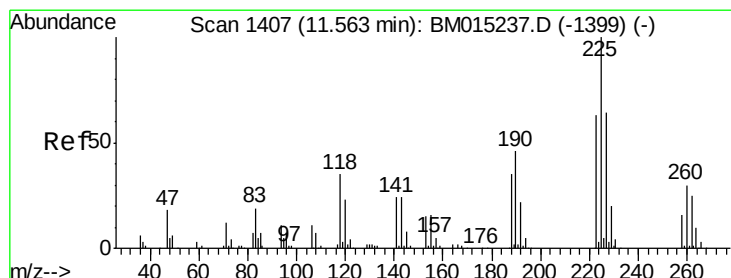
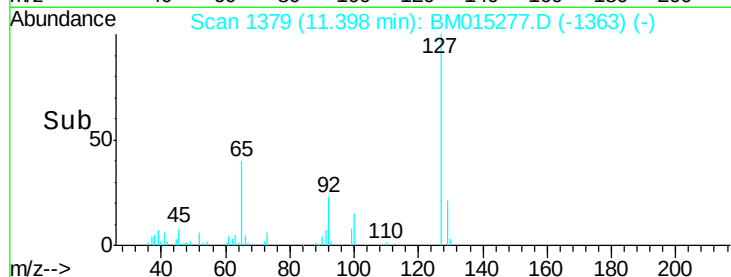
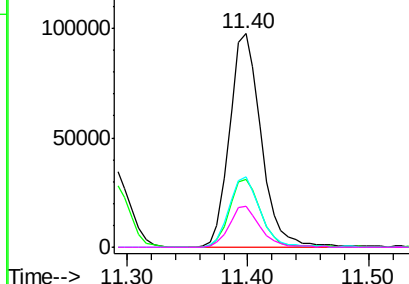
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.3	37.9
65	32.9	17.6	26.4
92	18.9	13.1	19.7

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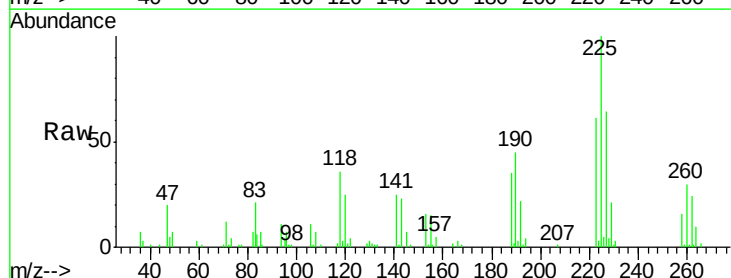


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

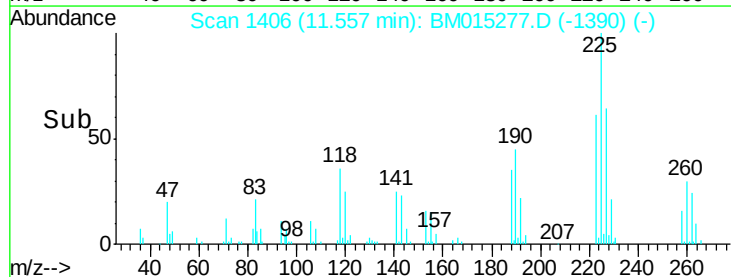
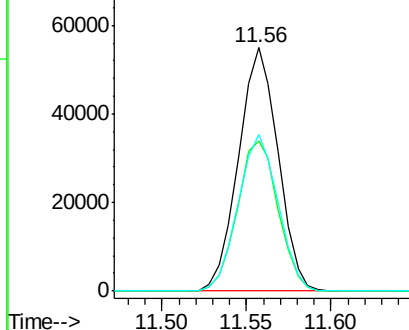


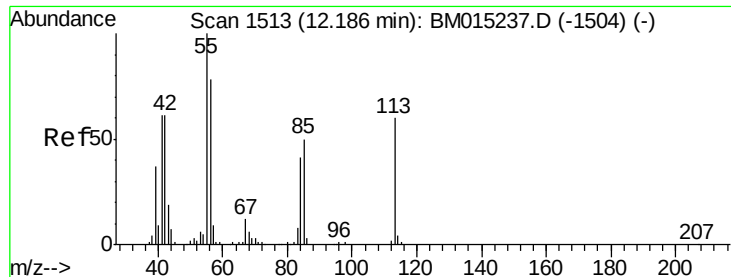
#34
Hexachlorobutadiene
Concen: 9.447 ng
RT: 11.56 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	47.9	71.9
227	64.3	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





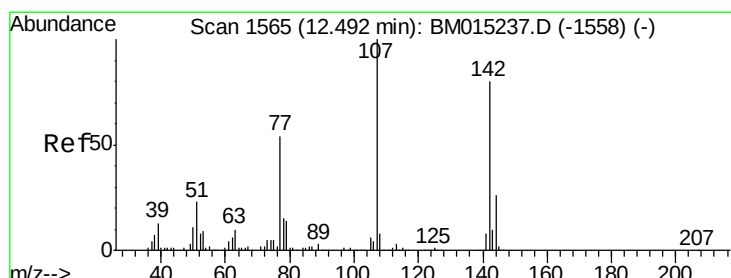
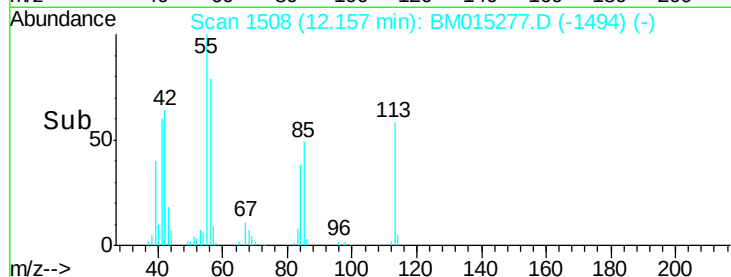
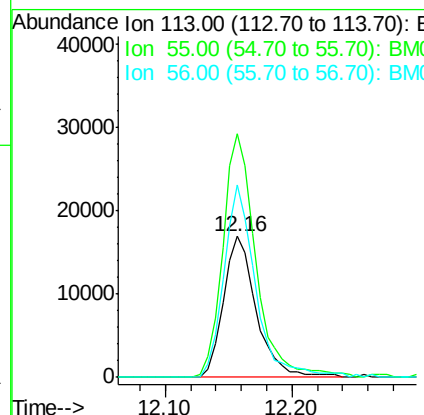
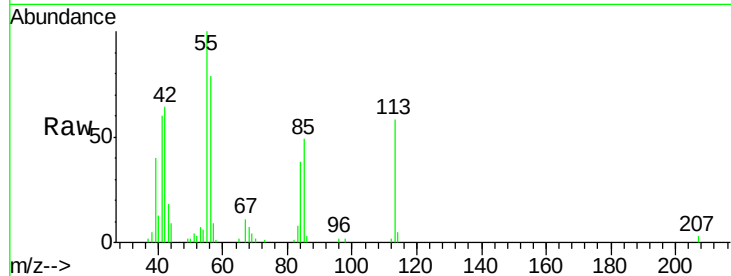
#35
 Caprolactam
 Concen: 7.952 ng
 RT: 12.16 min Scan# 1508
 Delta R.T. -0.02 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.0	145.9	185.9
56	136.5	101.0	141.0

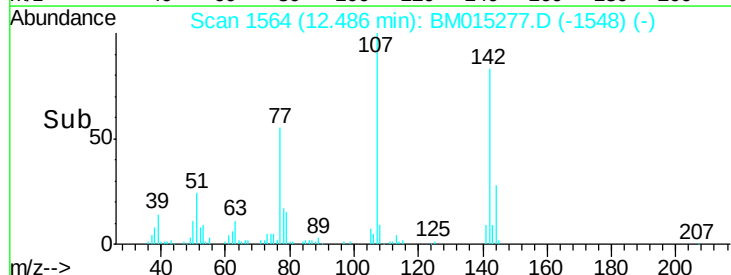
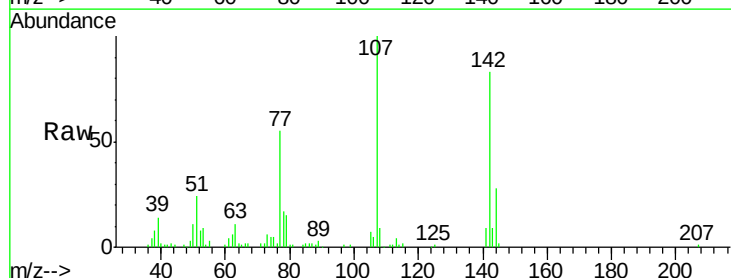
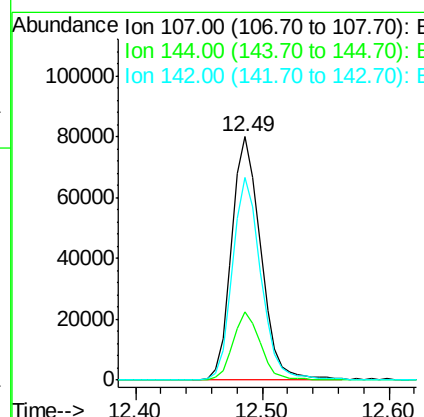
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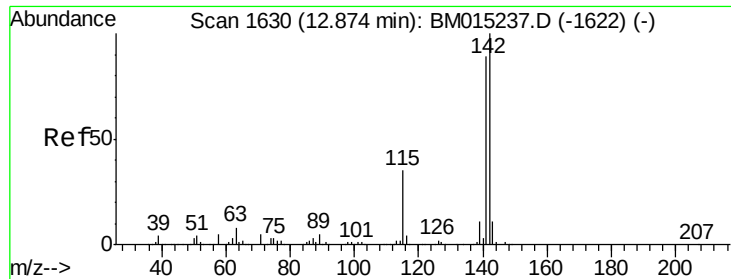
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#36
 4-Chloro-3-methylphenol
 Concen: 9.236 ng
 RT: 12.49 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.2	23.3	34.9
142	83.0	72.6	109.0





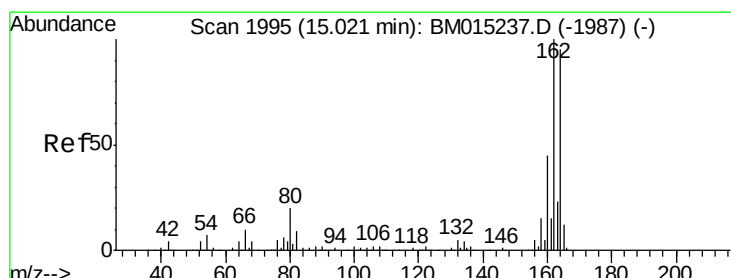
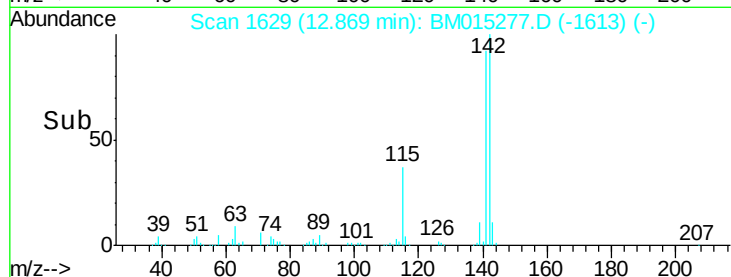
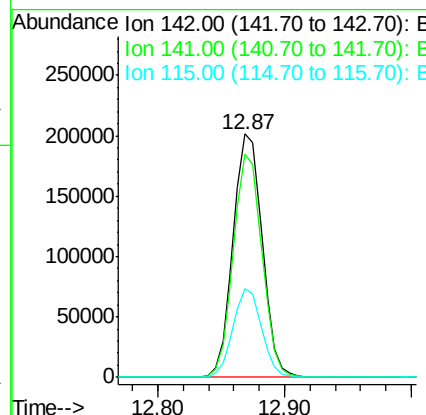
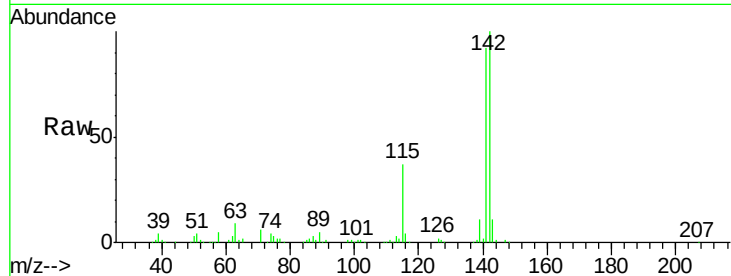
#37
2-Methylnaphthalene
Concen: 9.643 ng
RT: 12.87 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.9	107.9
115	36.6	25.4	38.0

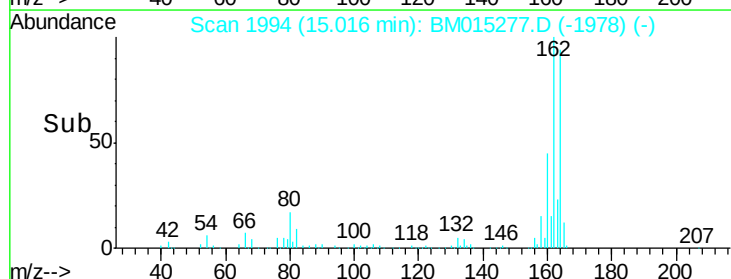
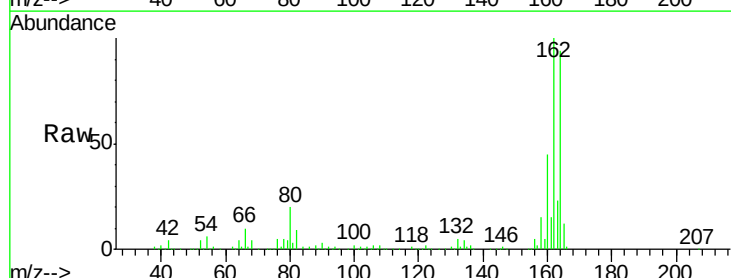
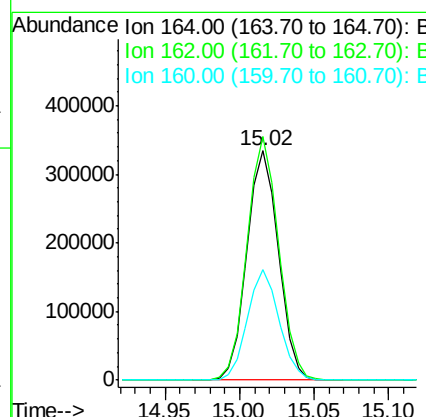
Manual Integrations
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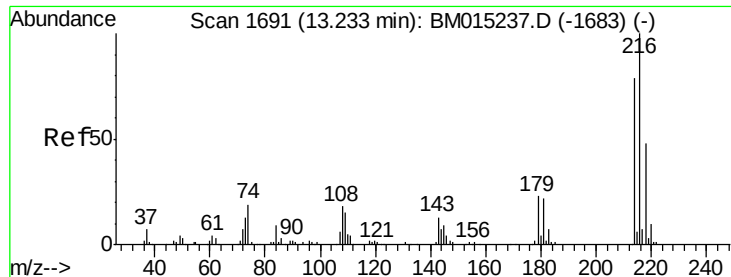
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.02 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.4	123.6
160	48.0	35.8	53.6





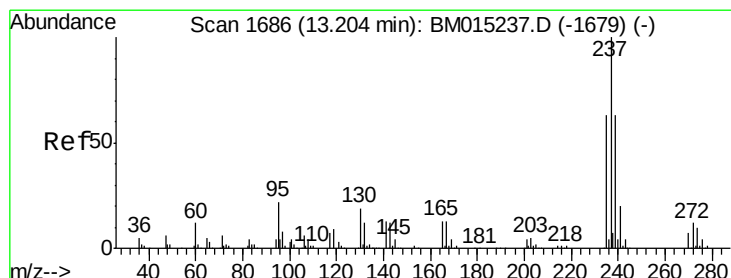
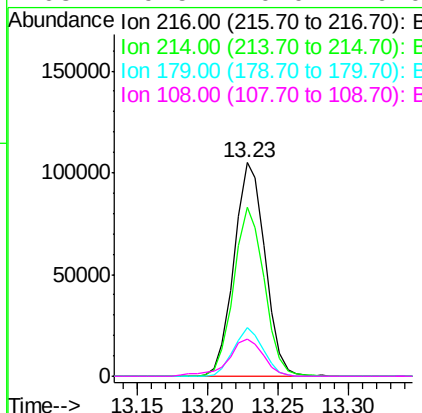
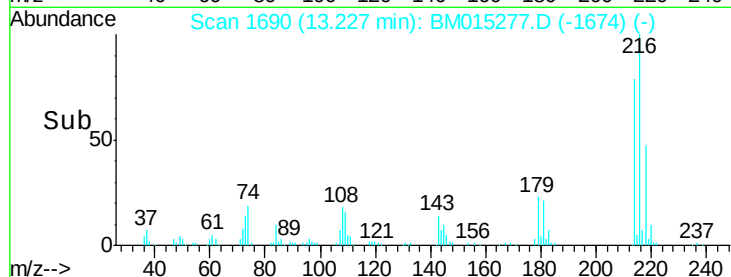
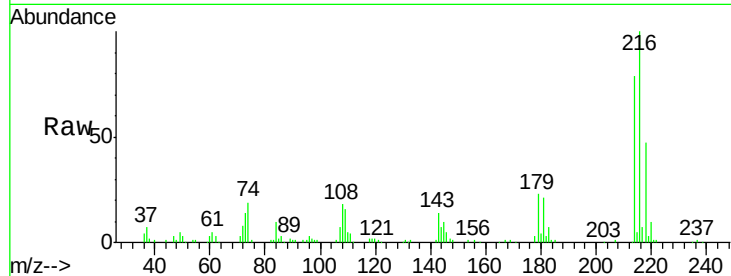
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.401 ng
 RT: 13.23 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	77.7	0.0	0.0		
179	21.7	0.0	0.0		
108	19.5	0.0	0.0		

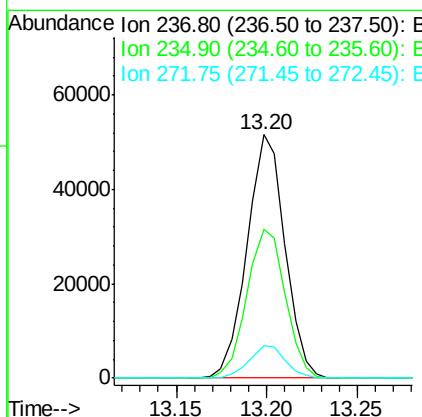
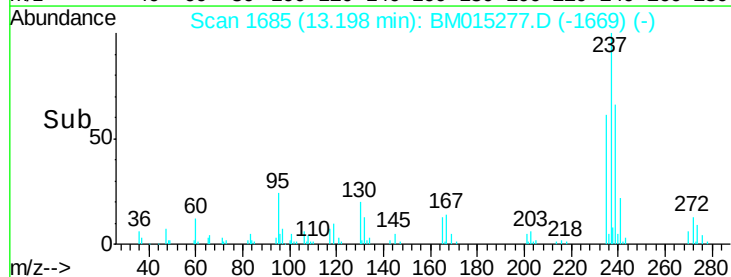
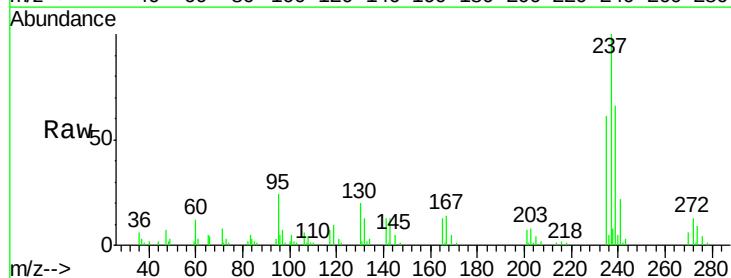
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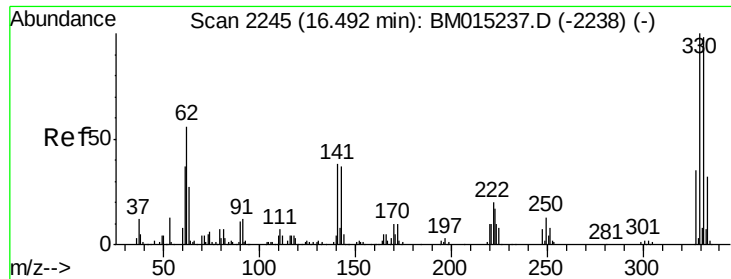
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 11.510 ng
 RT: 13.20 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.1	42.0	82.0		
272	13.3	0.0	33.4		





#41

2,4,6-Tribromophenol

Concen: 136.866 ng

RT: 16.49 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

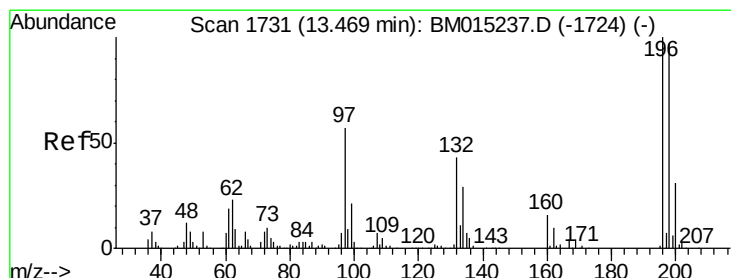
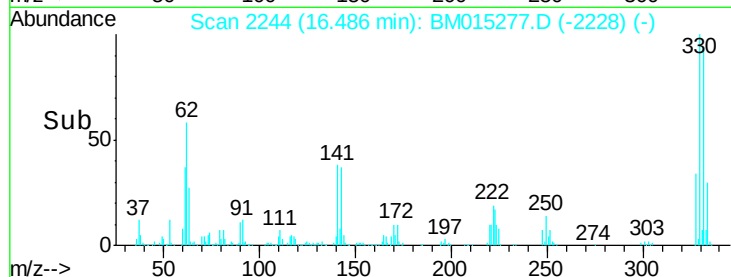
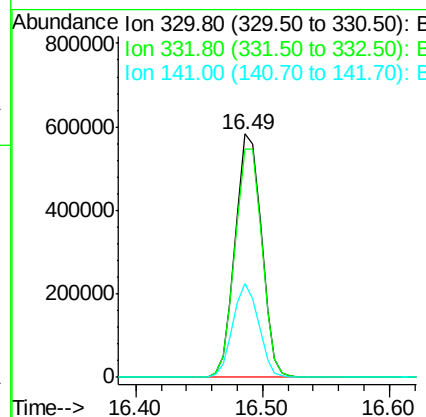
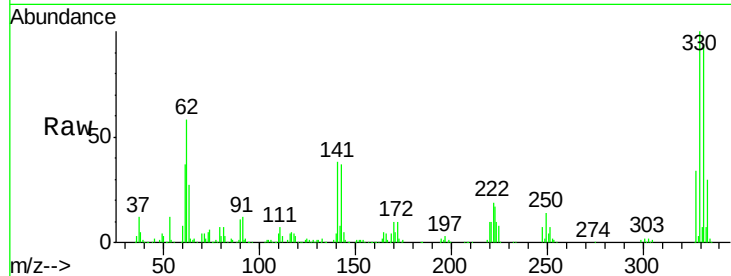
ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion:	330	Resp:	836294
Ion Ratio	Lower	Upper	
330	100		
332	96.4	0.0	0.0#
141	37.7	0.0	0.0#

Manual Integrations
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#42

2,4,6-Trichlorophenol

Concen: 8.892 ng

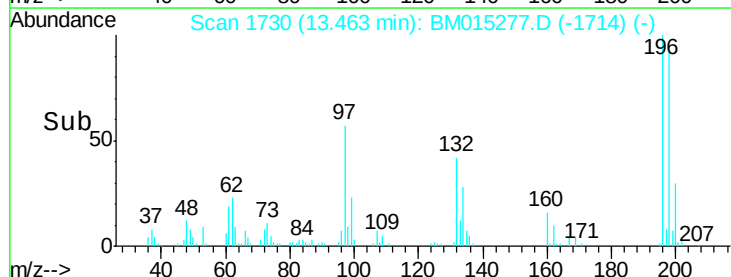
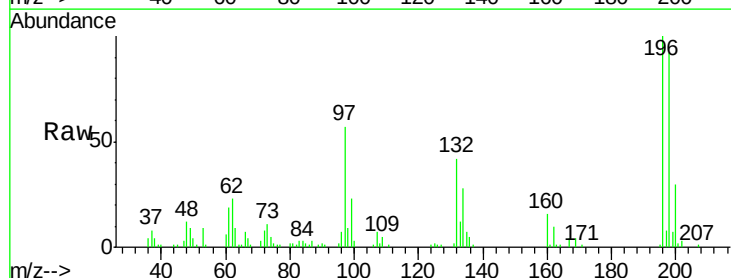
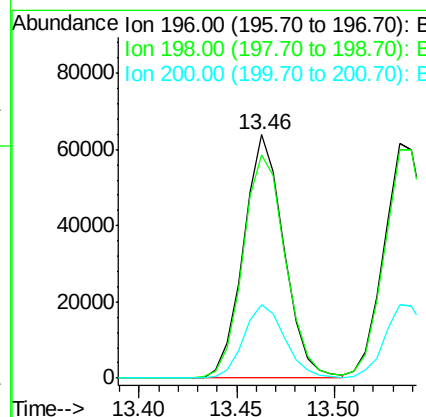
RT: 13.46 min Scan# 1730

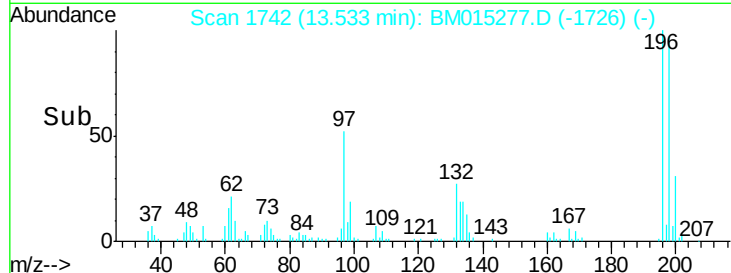
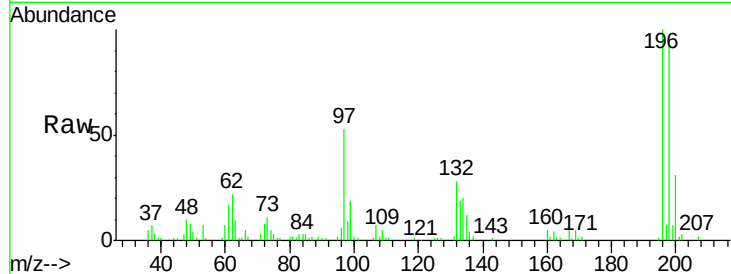
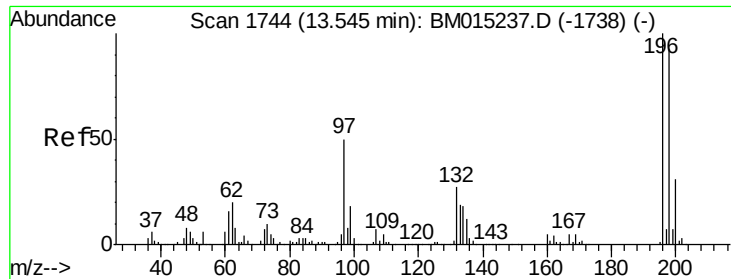
Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	196	Resp:	91710
Ion Ratio	Lower	Upper	
196	100		
198	91.9	76.3	114.5
200	30.1	25.6	38.4





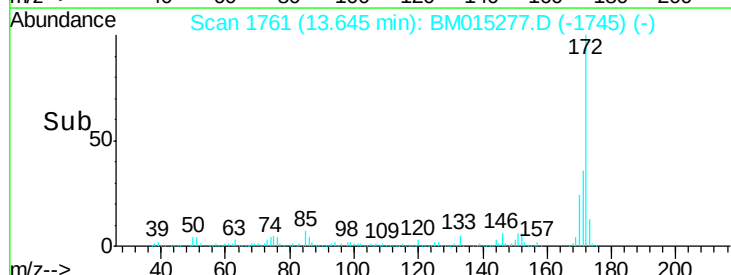
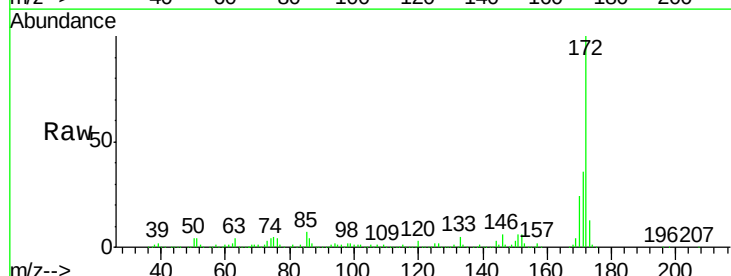
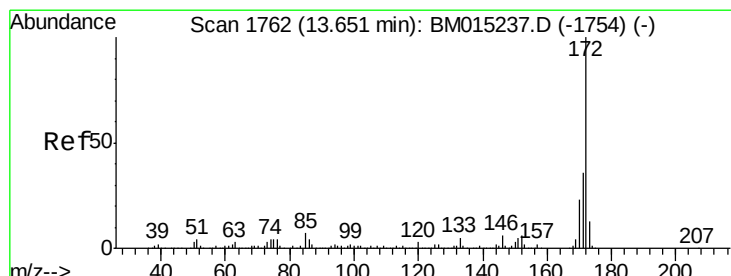
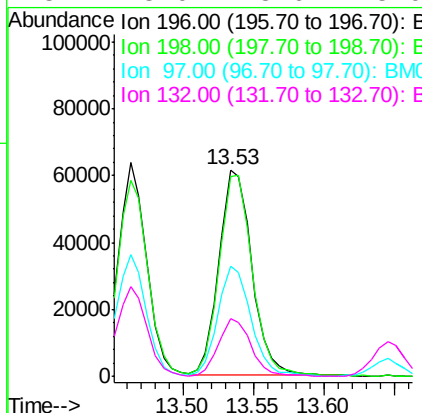
#43
2,4,5-Trichlorophenol
Concen: 8.941 ng
RT: 13.53 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tot Ion	196	Resp	99572
Ion Ratio	Lower	Upper	
196	100		
198	97.0	79.4	119.0
97	53.4	26.8	40.2#
132	28.0	18.6	28.0#

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

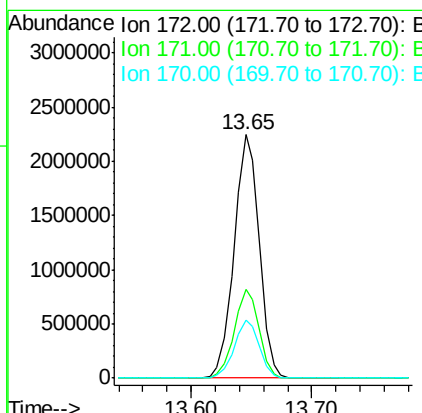
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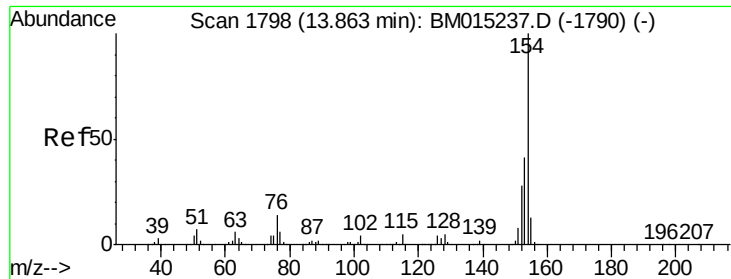
Sohil
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#44
2-Fluorobiphenyl
Concen: 82.792 ng
RT: 13.65 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	172	Resp	3245271
Ion Ratio	Lower	Upper	
172	100		
171	36.3	28.5	42.7
170	23.7	18.8	28.2





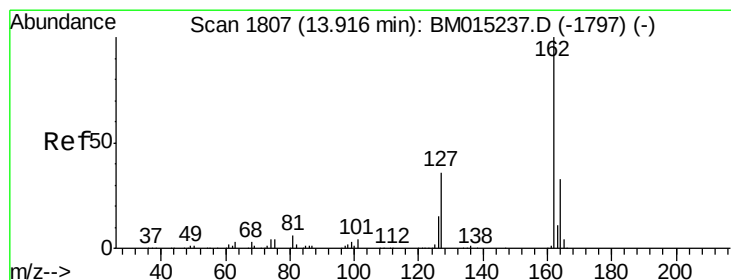
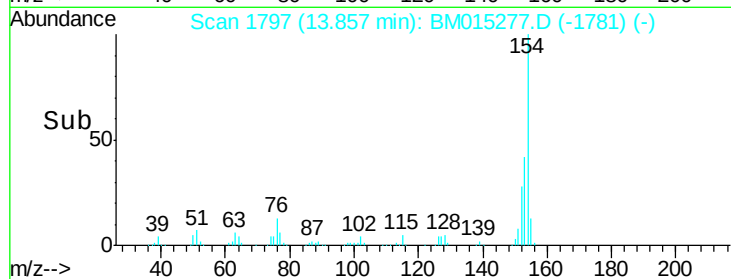
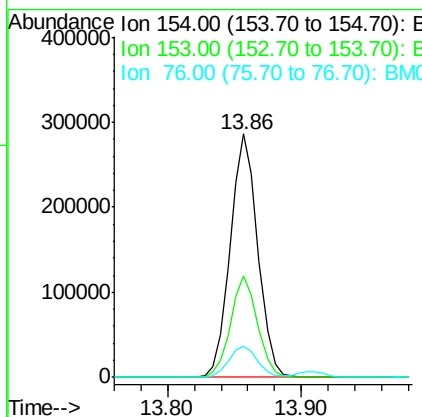
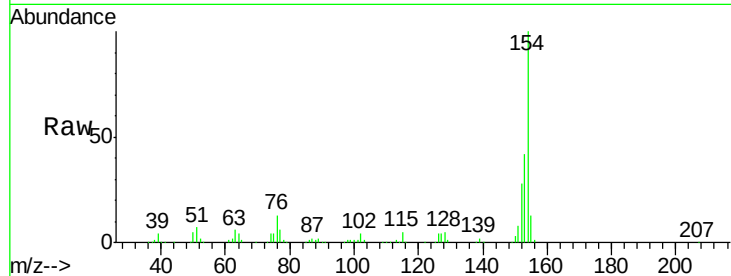
#45
 1,1'-Biphenyl
 Concen: 9.638 ng
 RT: 13.86 min Scan# 1797
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tot Ion:	154	Resp:	410892
Ion Ratio		Lower	Upper
154	100		
153	41.8	20.7	60.7
76	12.7	0.0	30.9

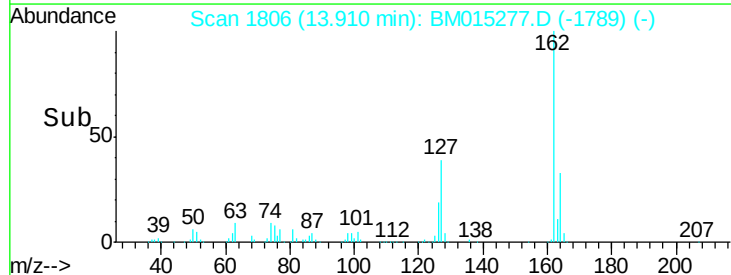
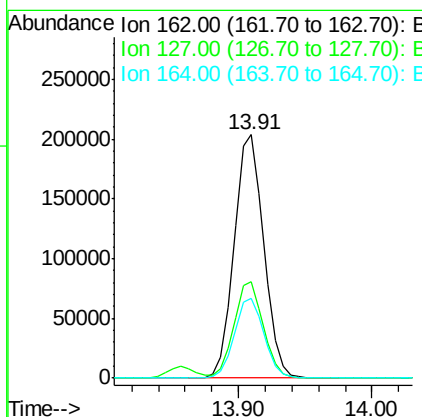
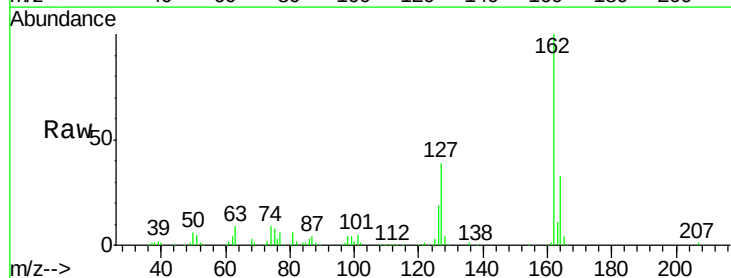
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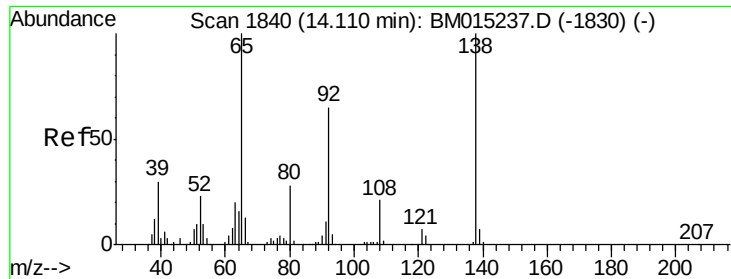
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#46
 2-Chloronaphthalene
 Concen: 9.545 ng
 RT: 13.91 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion:	162	Resp:	313189
Ion Ratio		Lower	Upper
162	100		
127	39.4	26.9	40.3
164	32.7	26.8	40.2





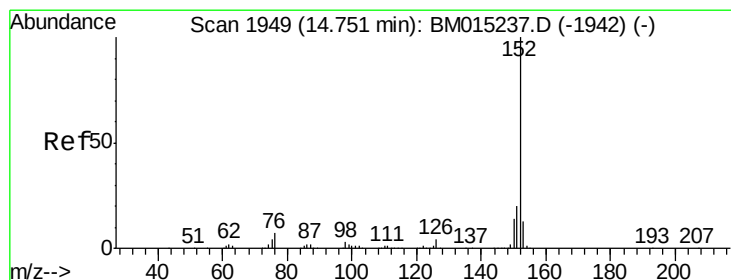
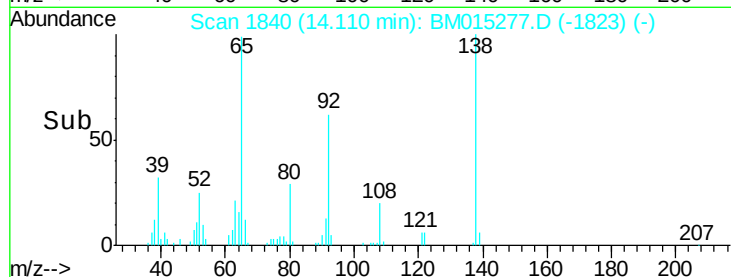
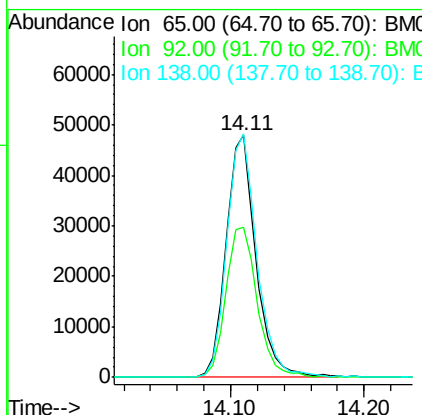
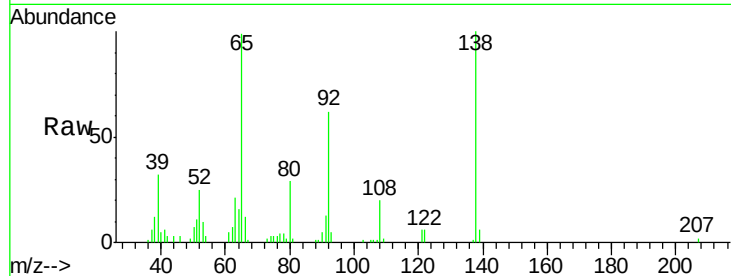
#47
 2-Nitroaniline
 Concen: 8.056 ng
 RT: 14.11 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Lower	Upper
65	100		
92	62.2	59.1	88.7
138	100.7	93.9	140.9

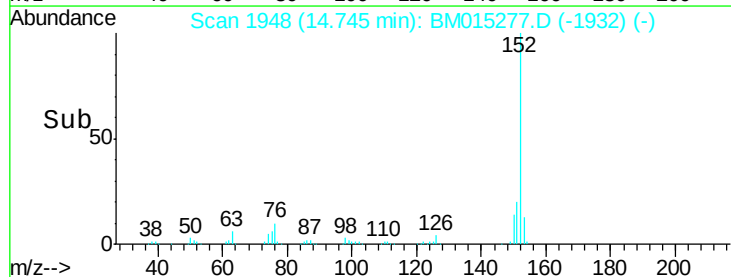
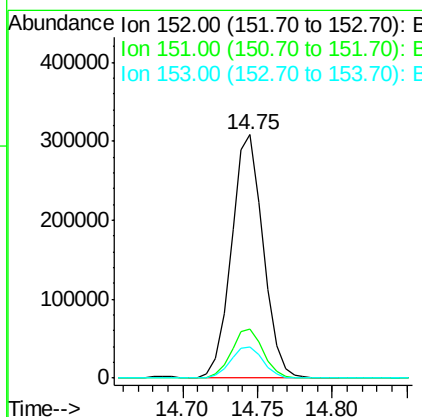
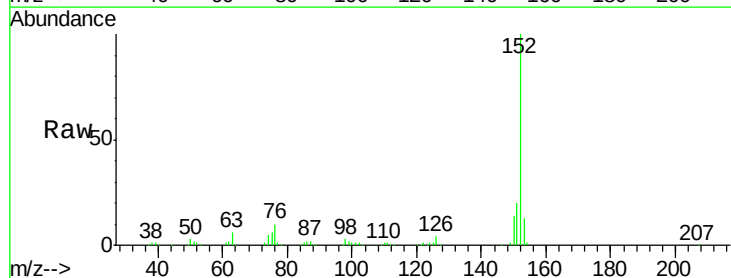
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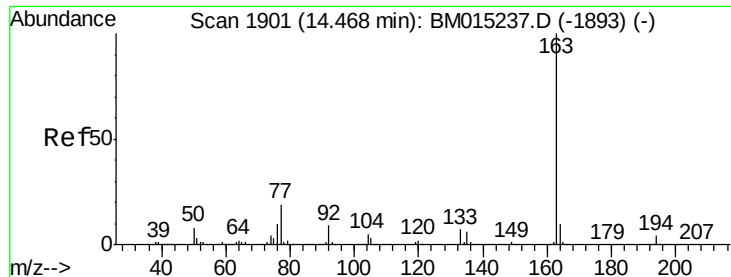
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#48
 Acenaphthylene
 Concen: 9.304 ng
 RT: 14.75 min Scan# 1948
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.9	23.9
153	13.0	10.6	16.0





#49

Dimethylphthalate

Concen: 9.564 ng

RT: 14.46 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

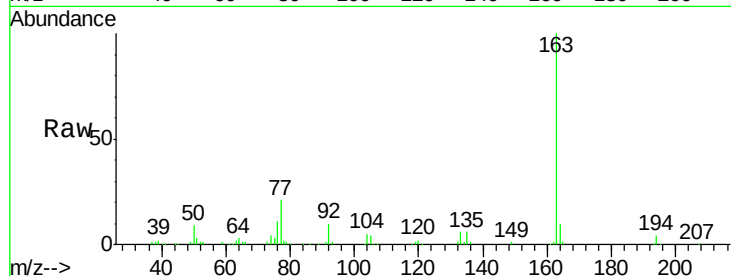
ClientSampleId :

LOQ-SCM-Precision-Bias-3

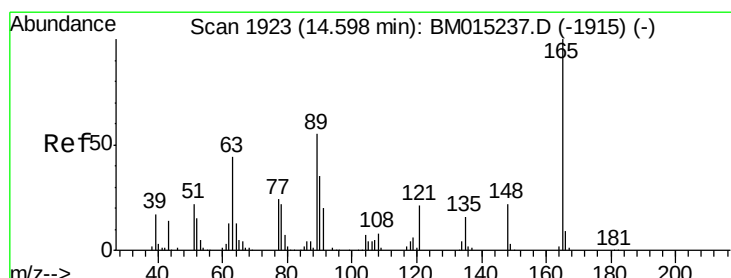
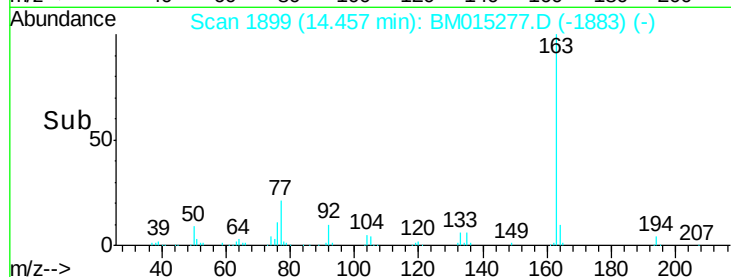
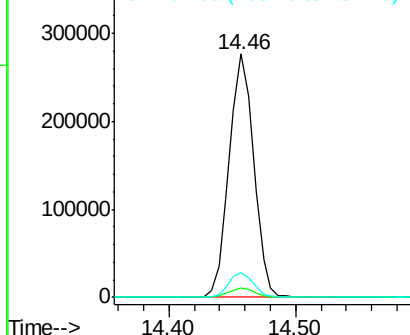
Tot Ion:	163	Resp:	371914
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.0	8.2	12.2

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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: 9.114 ng

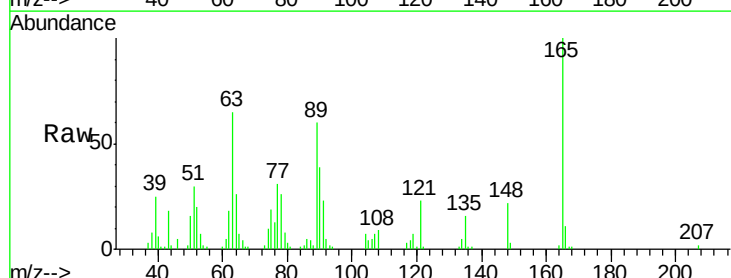
RT: 14.59 min Scan# 1921

Delta R.T. -0.01 min

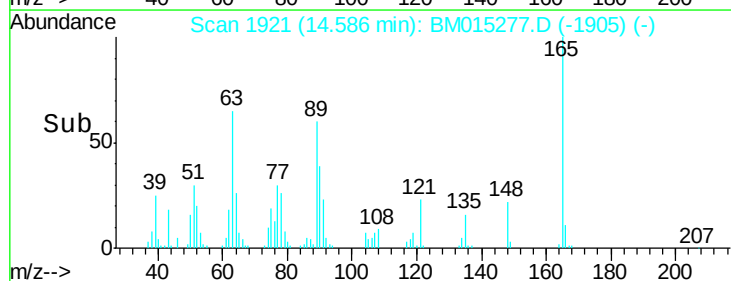
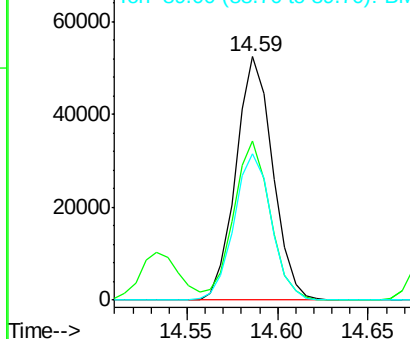
Lab File: BM015277.D

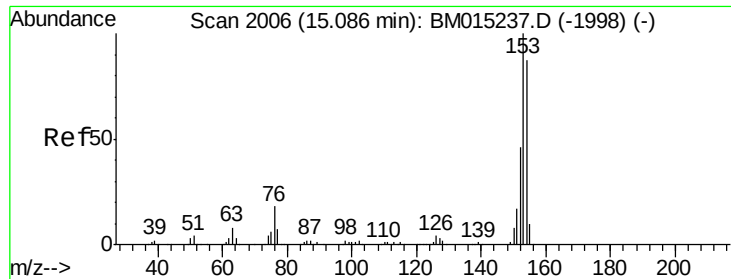
Acq: 23 May 2018 15:51

Tgt Ion:	165	Resp:	73946
Ion Ratio	Lower	Upper	
165	100		
63	65.4	44.1	66.1
89	60.2	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: 9.459 ng

RT: 15.08 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

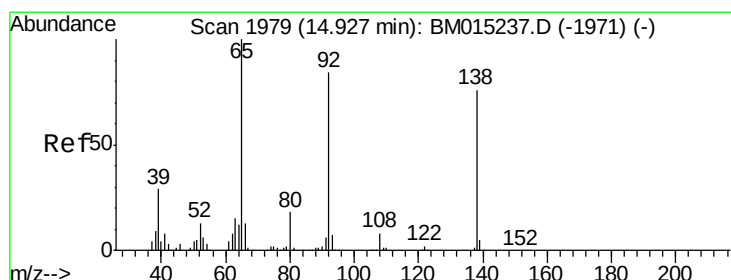
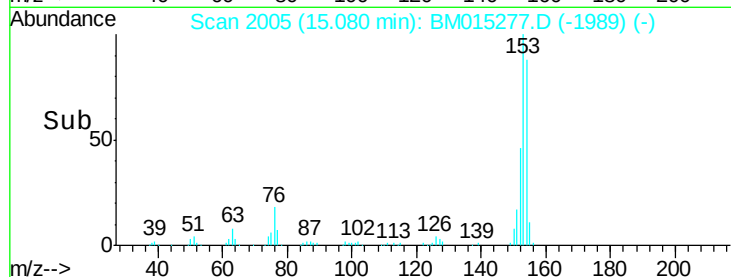
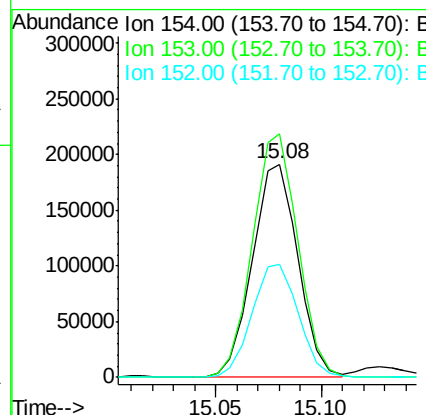
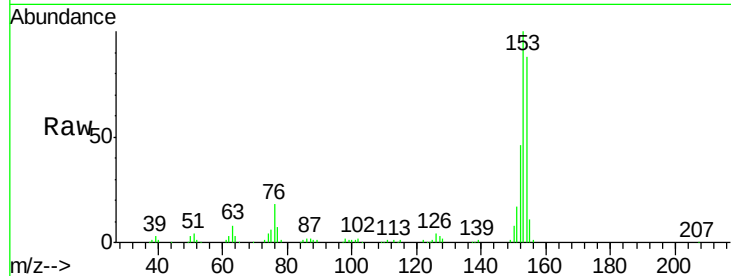
ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion:	154	Resp:	287197
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.0	135.0
152	53.0	42.6	63.8

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#52

3-Nitroaniline

Concen: 8.006 ng

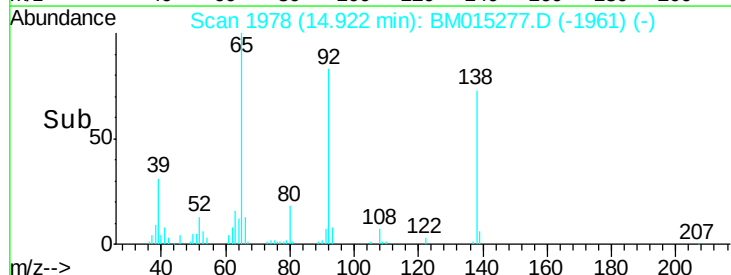
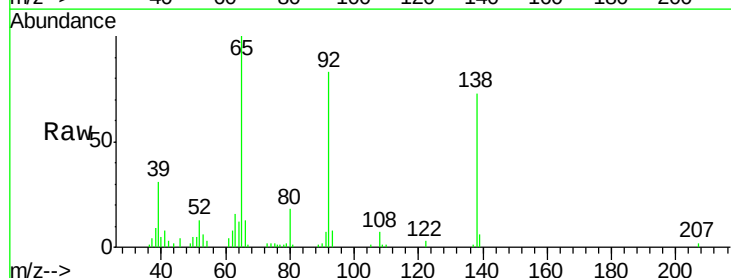
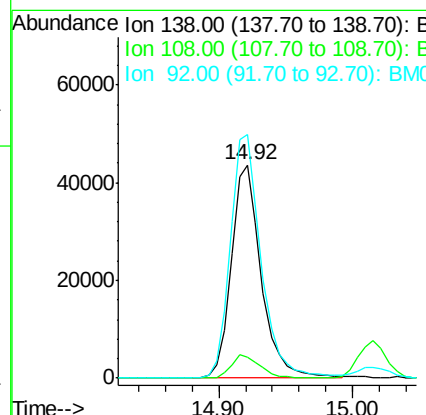
RT: 14.92 min Scan# 1978

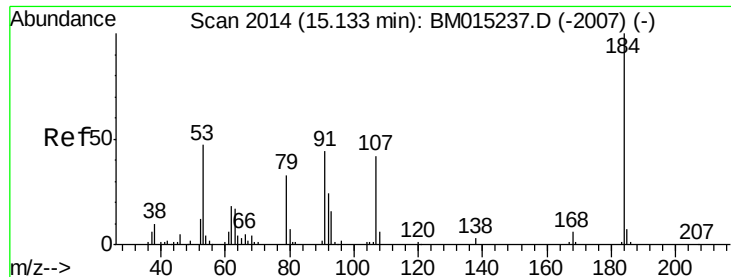
Delta R.T. 0.00 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	138	Resp:	68400
Ion Ratio	Lower	Upper	
138	100		
108	9.9	7.3	10.9
92	114.0	76.6	114.8





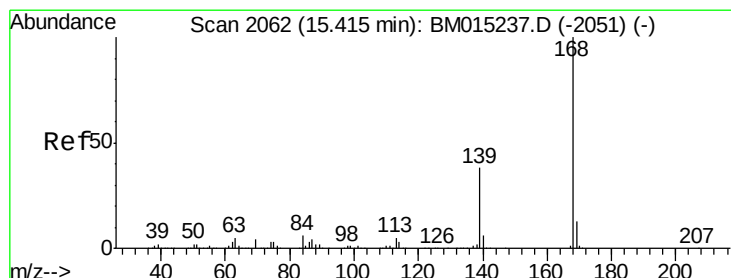
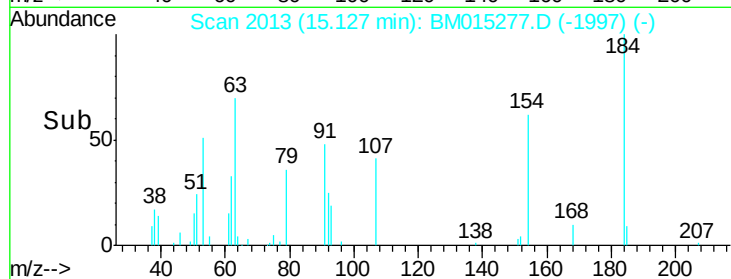
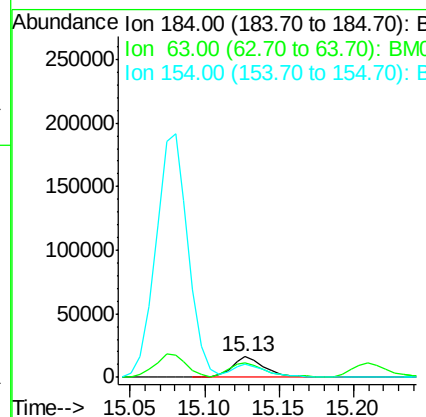
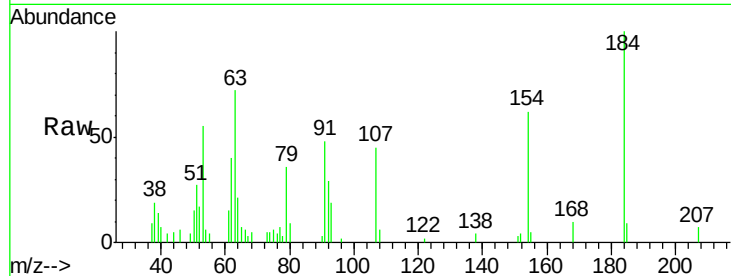
#53
 2,4-Dinitrophenol
 Concen: 11.419 ng
 RT: 15.13 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Lower	Upper
184	100		
63	71.8	69.2	103.8
154	62.1	53.3	79.9

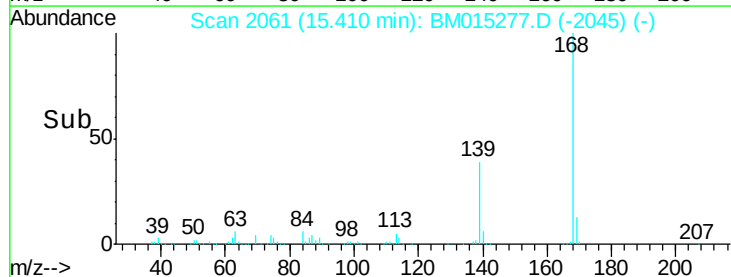
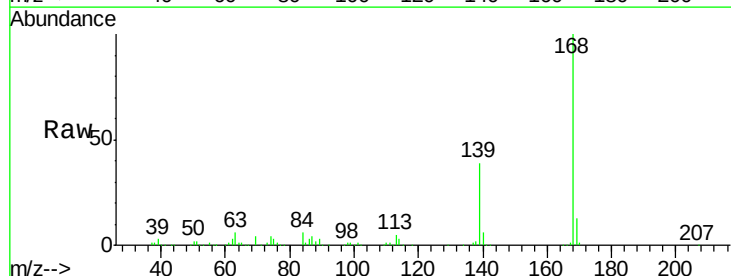
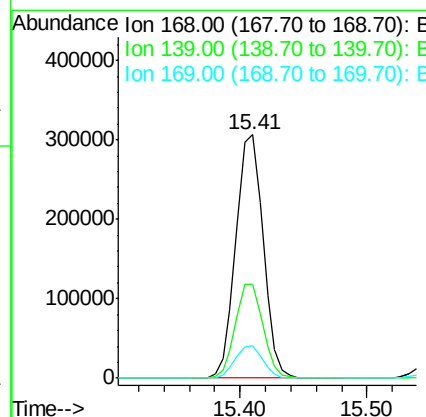
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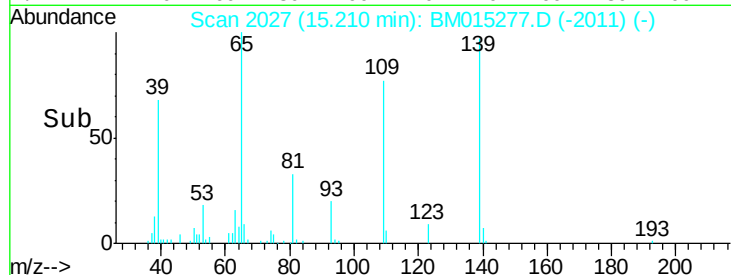
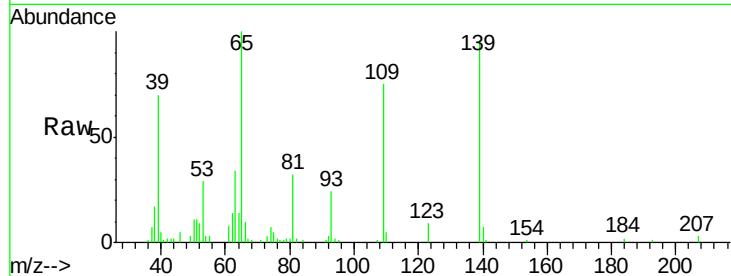
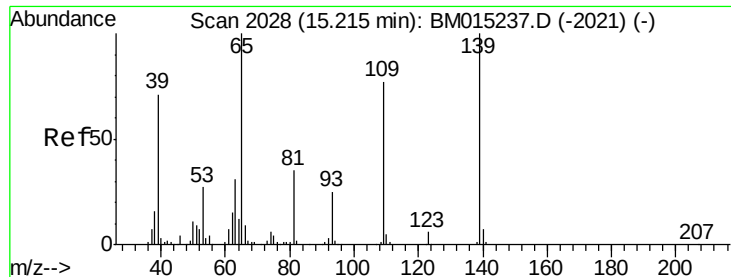
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#54
 Dibenzofuran
 Concen: 9.534 ng
 RT: 15.41 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	27.3	40.9
169	13.1	10.6	16.0





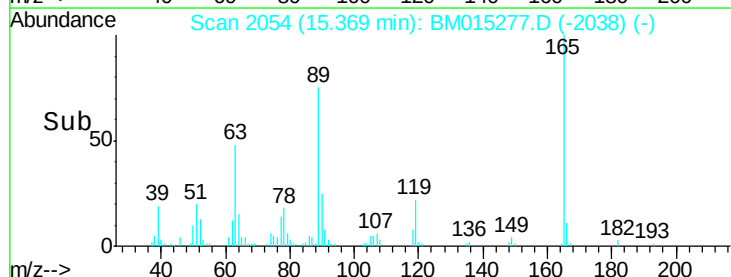
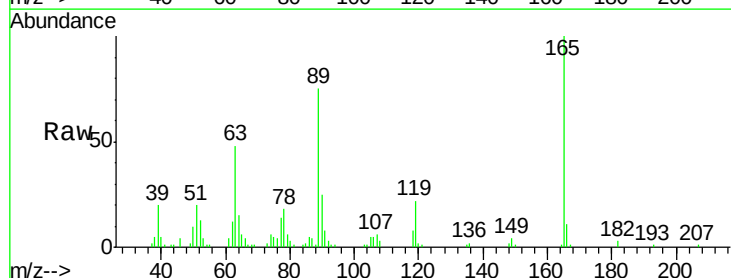
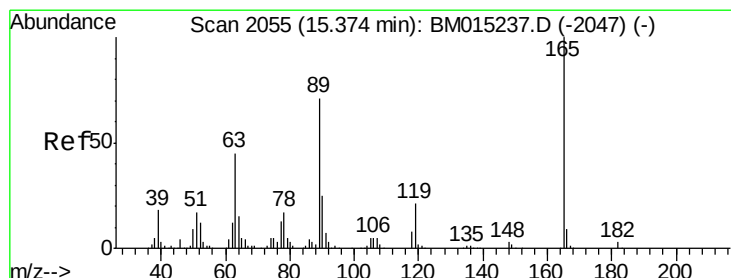
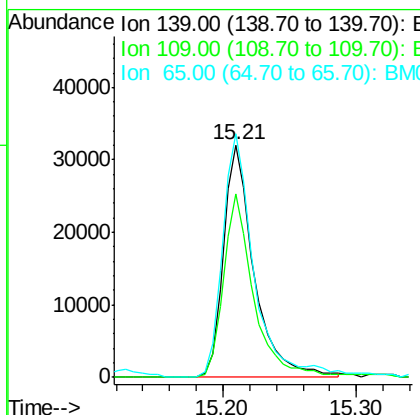
#55
4-Nitrophenol
Concen: 7.447 ng
RT: 15.21 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tot Ion	Ratio	Resp	Lower	Upper
139	100	51601		
109	78.9	130.0	170.0#	
65	104.6	130.0	170.0#	

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

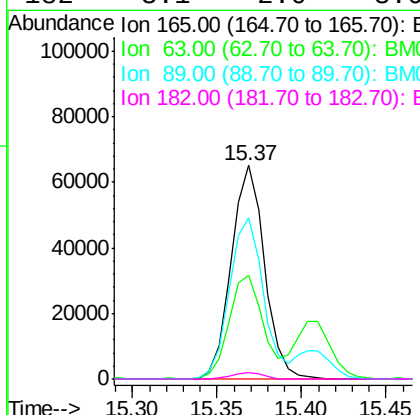
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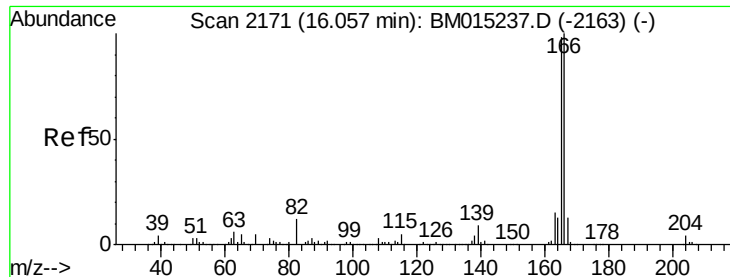
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#56
2,4-Dinitrotoluene
Concen: 8.006 ng
RT: 15.37 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	88946		
63	48.3	52.4	78.6#	
89	75.4	72.4	108.6	
182	3.1	2.0	3.0#	





#57

Fluorene

Concen: 9.358 ng

RT: 16.05 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

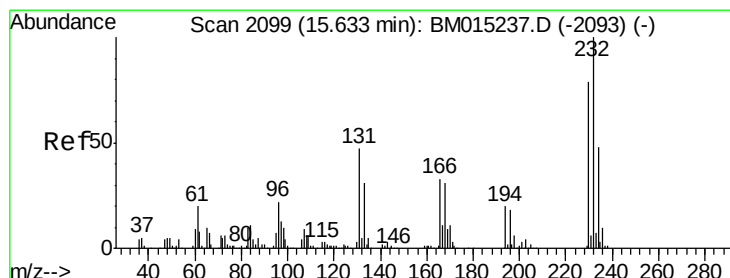
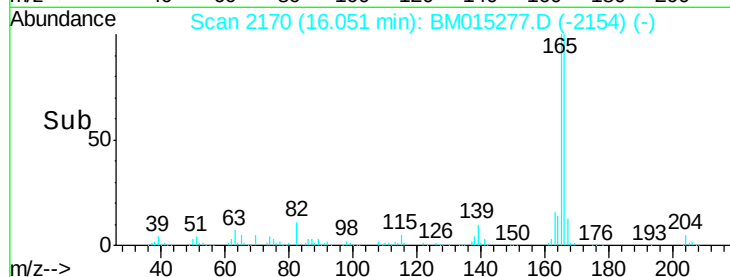
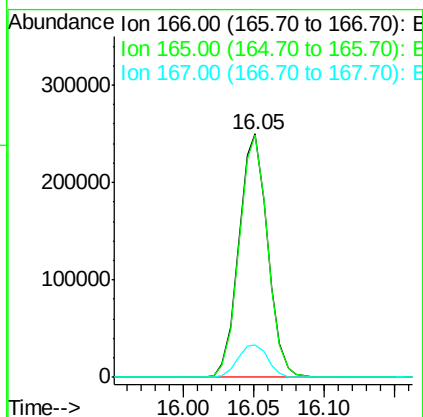
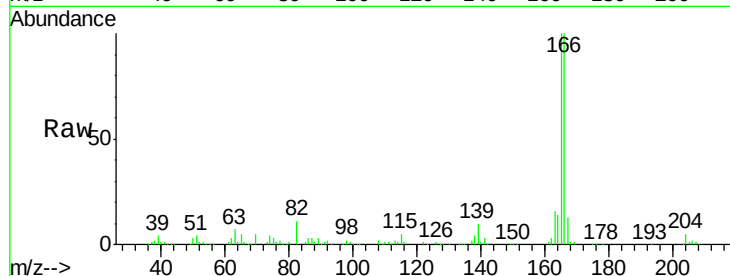
ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion:	166	Resp:	354015
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.0	118.4
167	13.4	10.3	15.5

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 8.785 ng

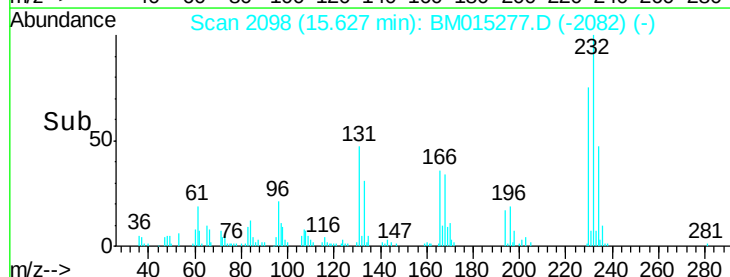
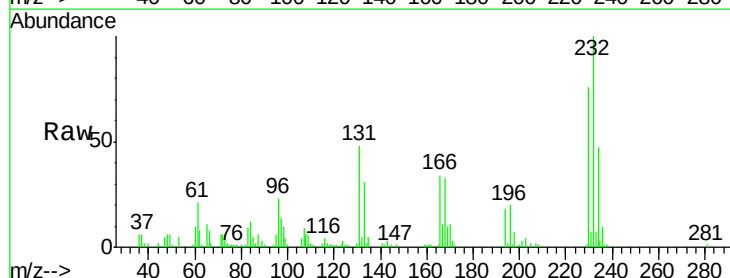
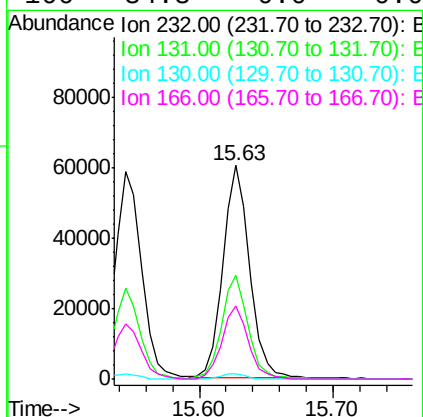
RT: 15.63 min Scan# 2098

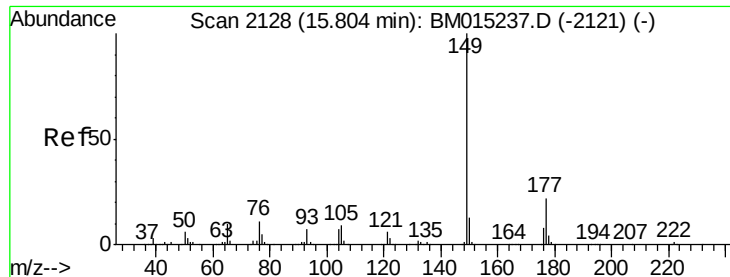
Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	232	Resp:	83896
Ion Ratio	Lower	Upper	
232	100		
131	49.1	0.0	0.0#
130	2.4	0.0	0.0#
166	34.3	0.0	0.0#





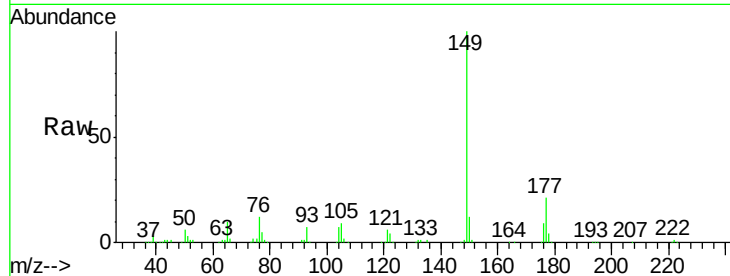
#59
Diethylphthalate
Concen: 9.353 ng
RT: 15.80 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

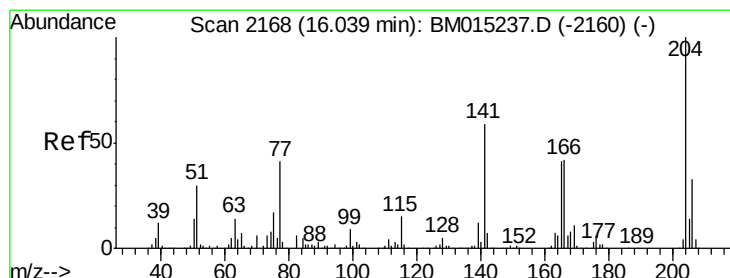
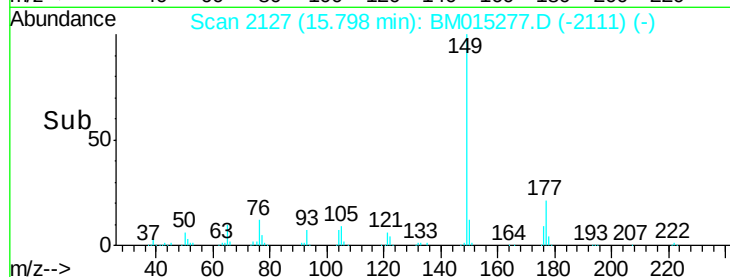
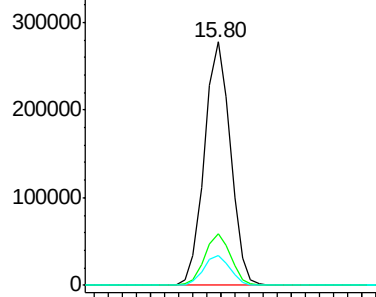
Tot Ion	Ratio	Resp	Lower	Upper
149	100	358541		
177	21.4	18.3	27.5	
150	12.3	9.8	14.8	

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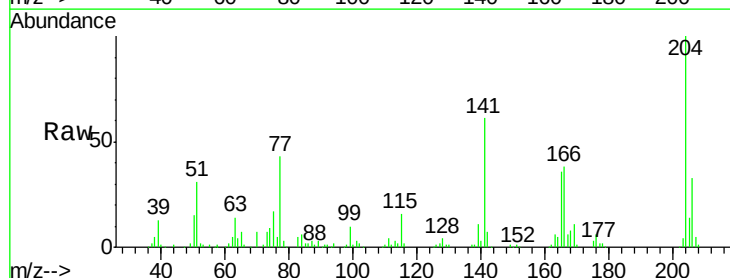


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

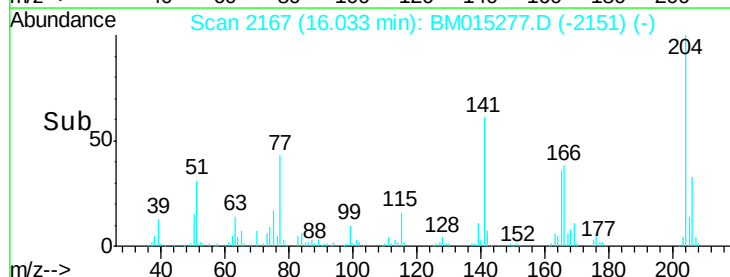
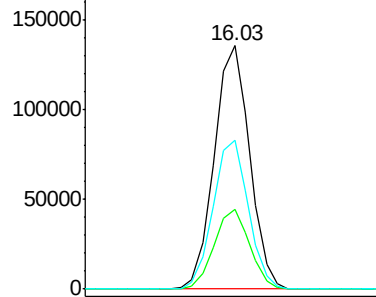


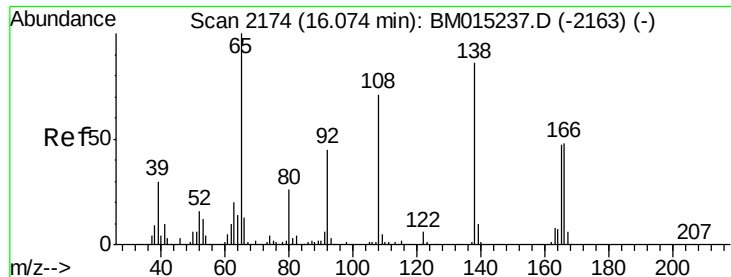
#60
4-Chlorophenyl-phenylether
Concen: 9.561 ng
RT: 16.03 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	184236		
206	32.8	26.6	39.8	
141	61.1	45.2	67.8	



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 7.498 ng

RT: 16.07 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion:138 Resp: 66972

Ion Ratio Lower Upper

138 100

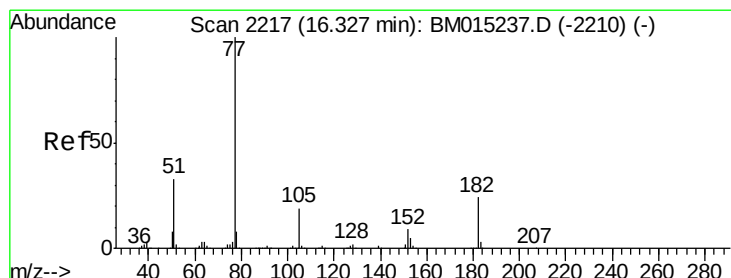
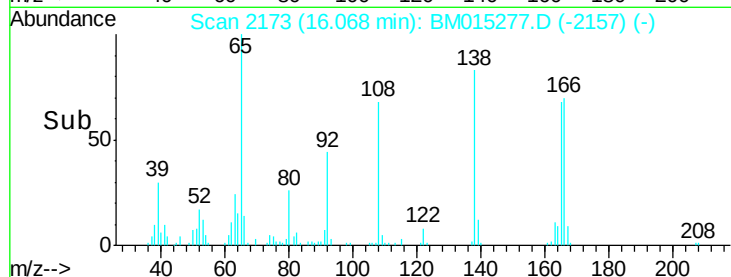
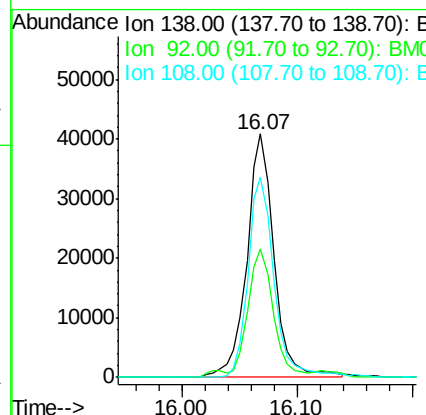
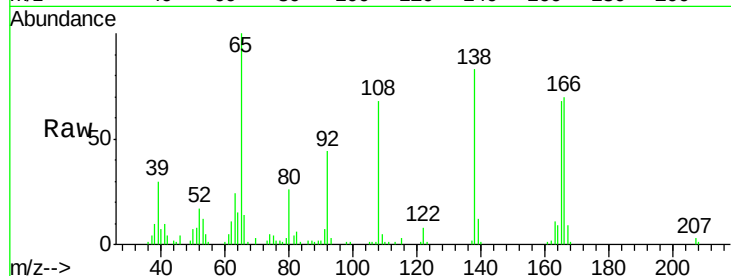
92 52.9 16.7 56.7

108 82.1 37.6 77.6#

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#62

Azobenzene

Concen: 9.518 ng

RT: 16.32 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion: 77 Resp: 346611

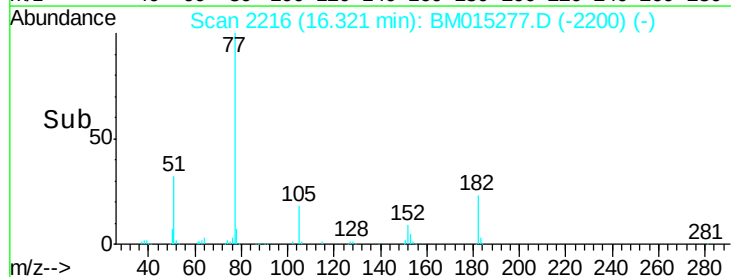
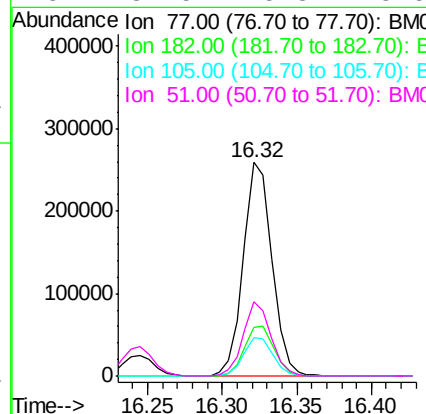
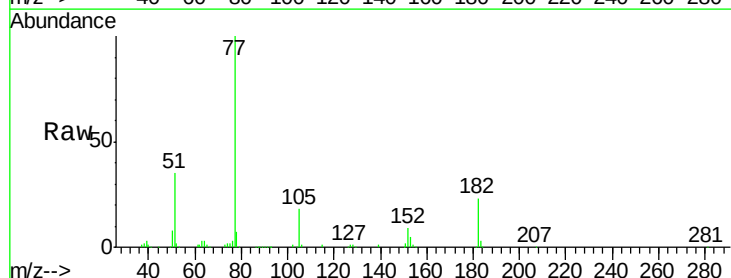
Ion Ratio Lower Upper

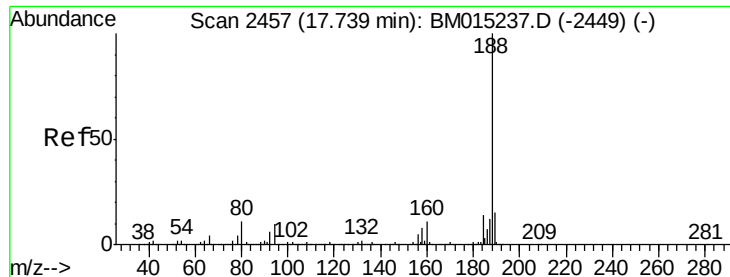
77 100

182 22.6 6.5 46.5

105 18.0 3.8 43.8

51 34.5 5.5 45.5





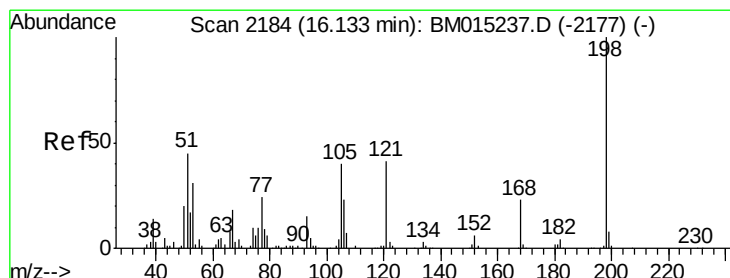
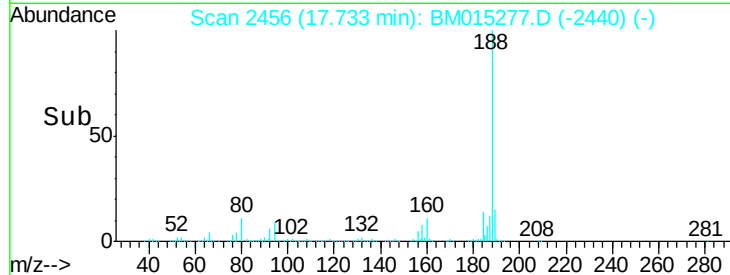
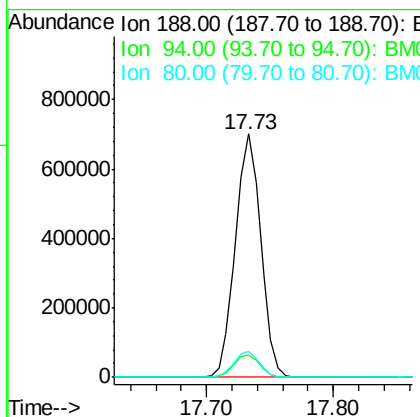
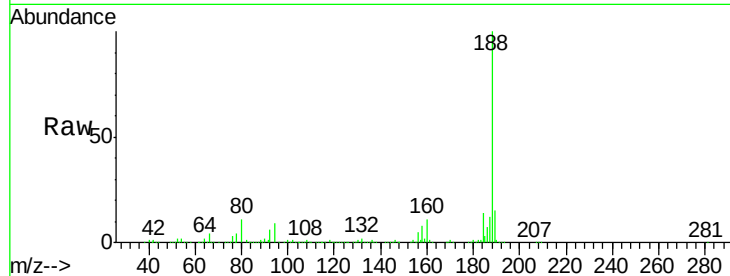
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Resp	Lower	Upper
188	100	972673		
94	9.1		8.7	13.1
80	10.5		9.3	13.9

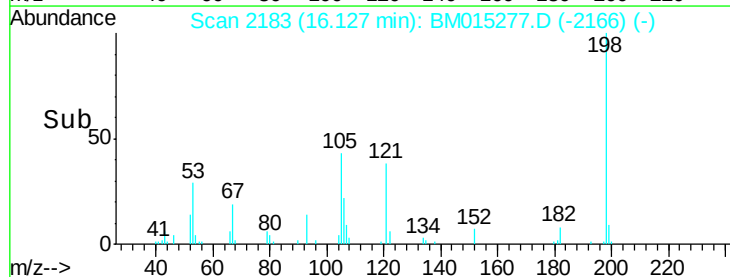
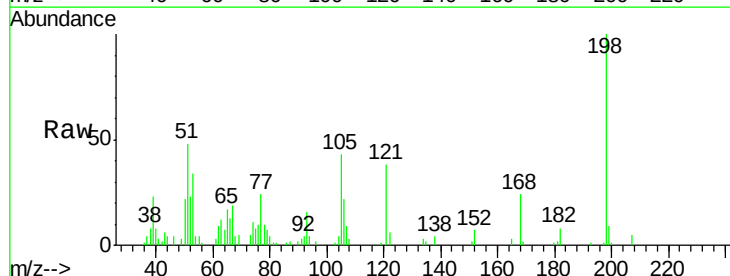
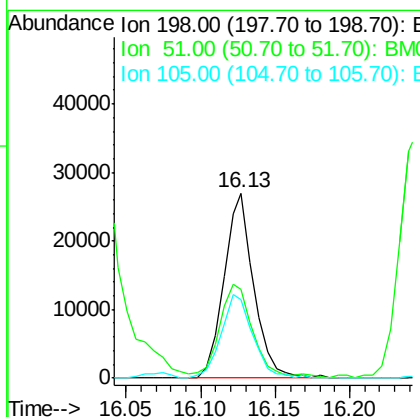
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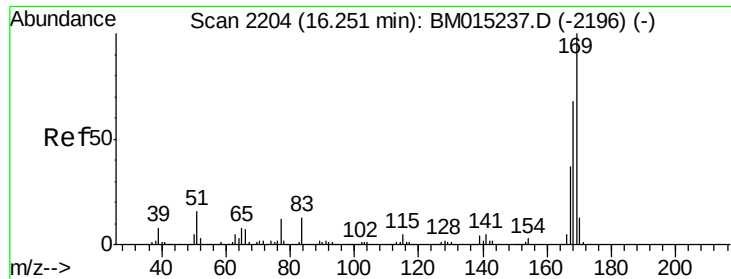
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#64
4,6-Dinitro-2-methylphenol
Concen: 7.012 ng
RT: 16.13 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	37644		
51	48.3		28.8	68.8
105	42.6		30.5	70.5





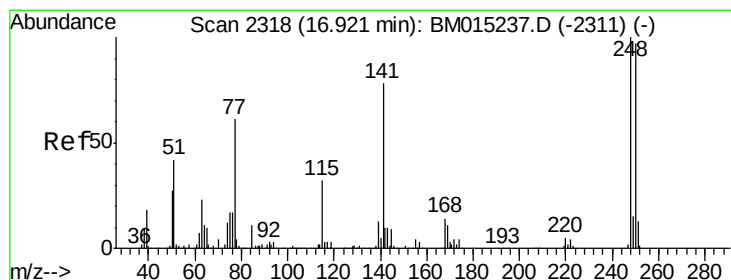
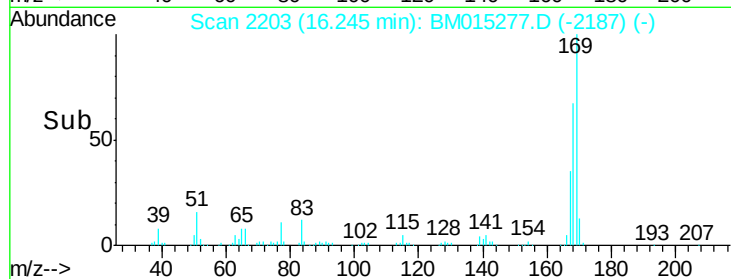
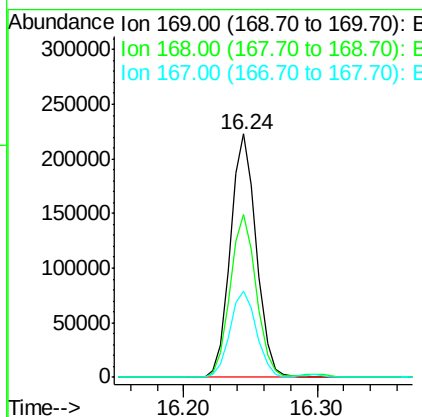
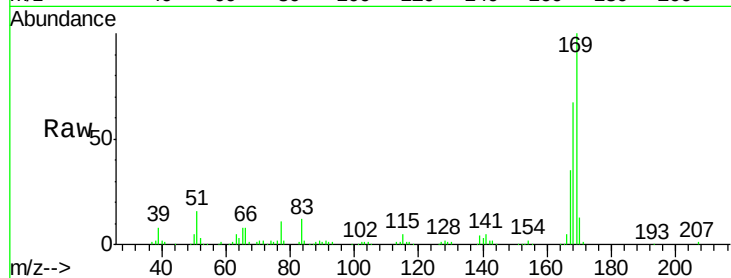
#65
 n-Nitrosodiphenylamine
 Concen: 9.674 ng
 RT: 16.24 min Scan# 2203
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	53.9	80.9	
167	35.5	28.9	43.3	

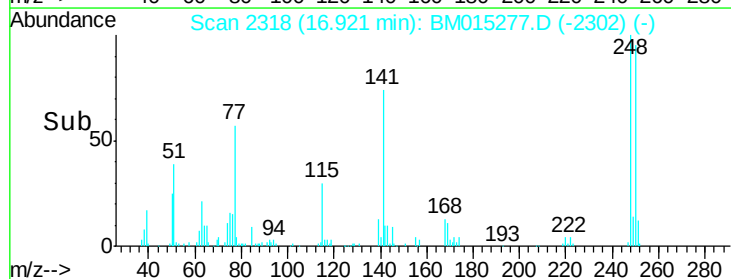
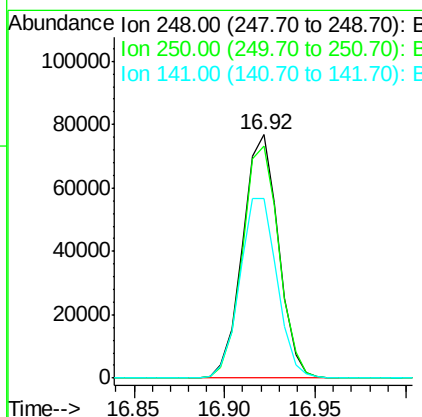
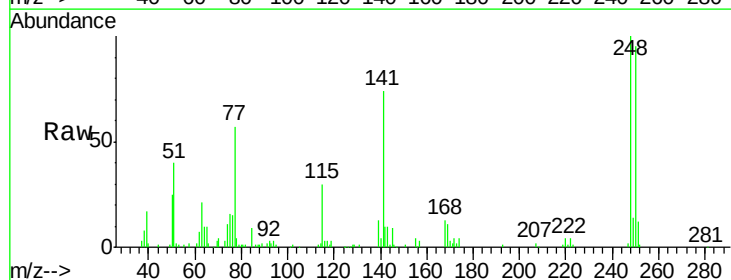
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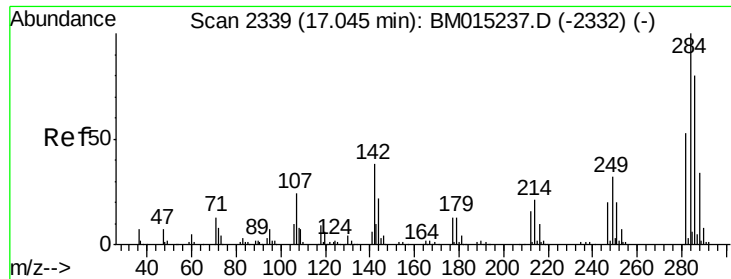
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#66
 4-Bromophenyl-phenylether
 Concen: 9.710 ng
 RT: 16.92 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.3	77.4	116.0	
141	73.6	45.2	67.8	





#67

Hexachlorobenzene

Concen: 9.730 ng

RT: 17.04 min Scan# 2338

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

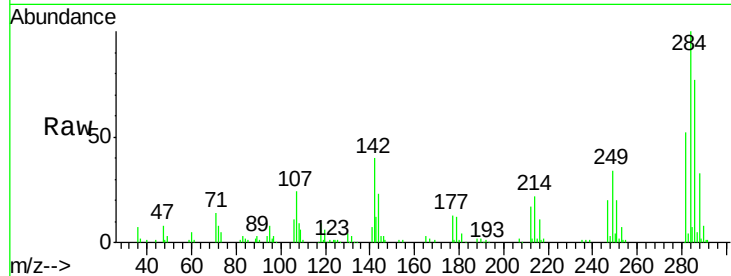
ClientSampleId :

LOQ-SCM-Precision-Bias-3

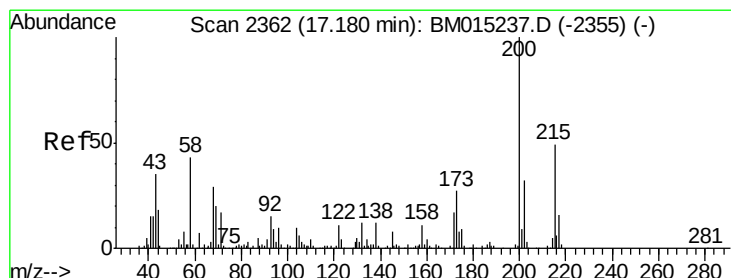
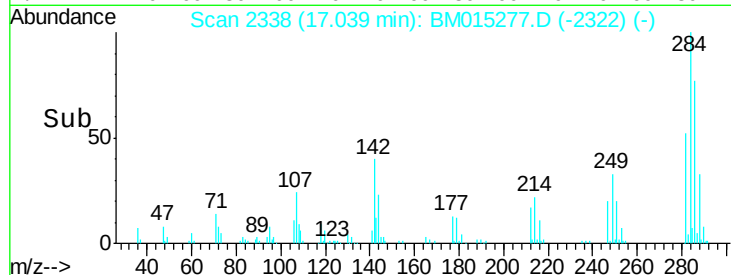
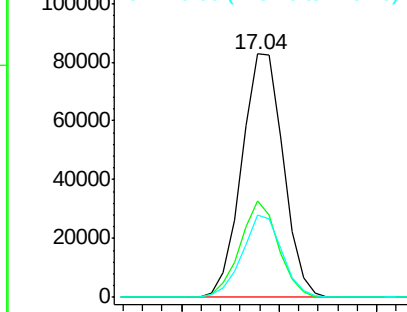
Tot Ion:	284	Resp:	121771
Ion Ratio		Lower	Upper
284	100		
142	39.7	20.4	30.6#
249	33.6	23.8	35.6

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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: 8.034 ng

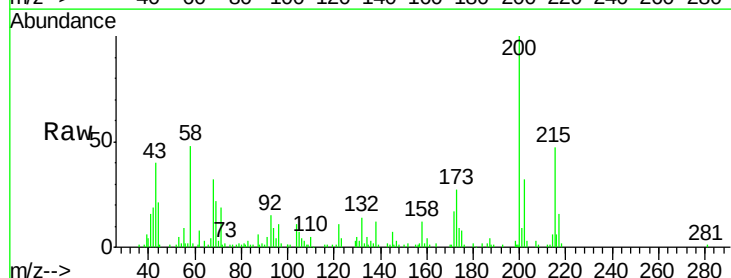
RT: 17.17 min Scan# 2360

Delta R.T. -0.01 min

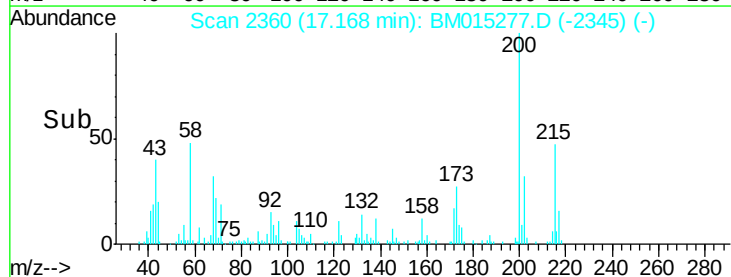
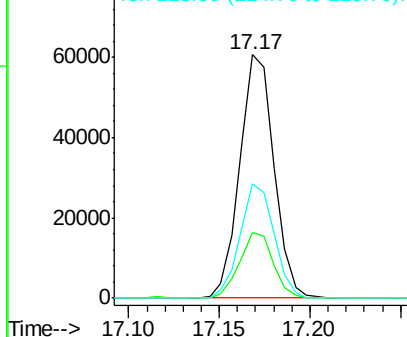
Lab File: BM015277.D

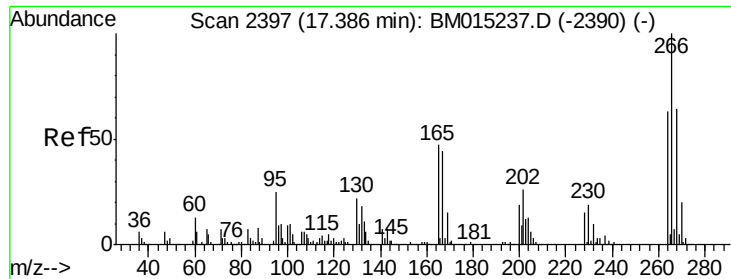
Acq: 23 May 2018 15:51

Tgt Ion:	200	Resp:	79651
Ion Ratio		Lower	Upper
200	100		
173	27.1	4.8	44.8
215	46.9	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





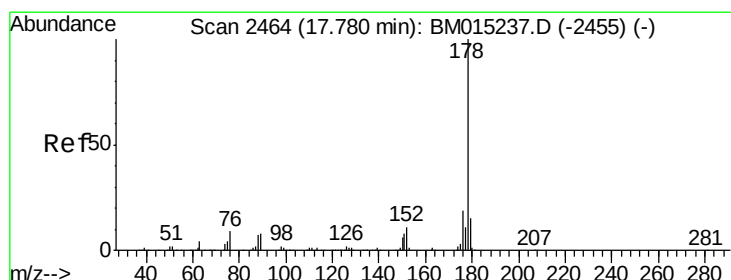
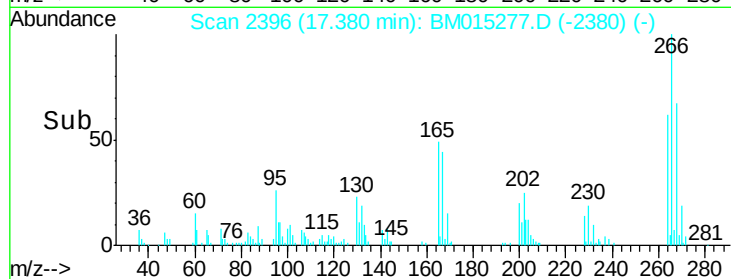
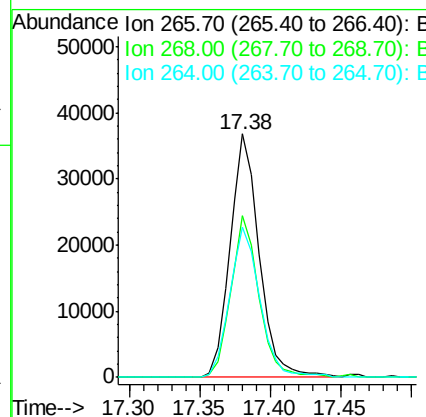
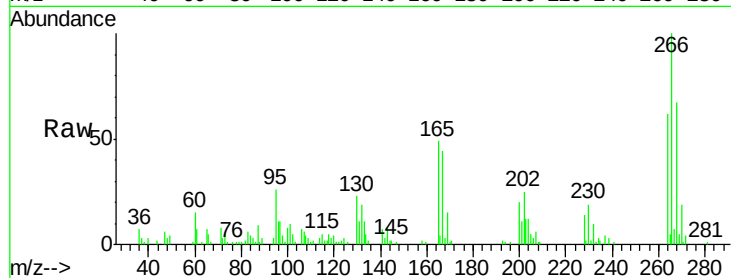
#69
 Pentachlorophenol
 Concen: 7.551 ng
 RT: 17.38 min Scan# 2396
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tot Ion:	266	Resp:	52606
Ion Ratio	Lower	Upper	
266	100		
268	66.7	52.0	78.0
264	61.6	49.0	73.4

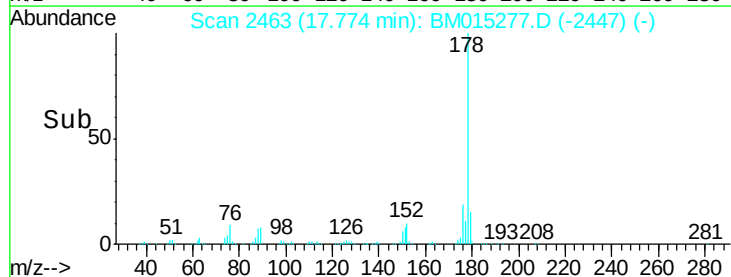
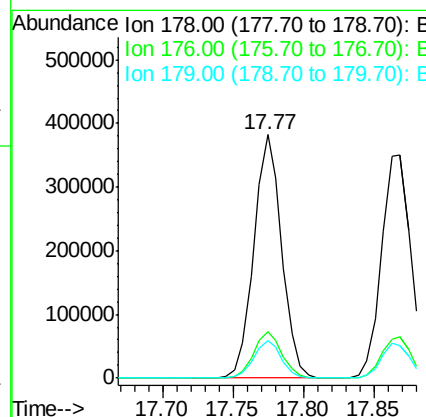
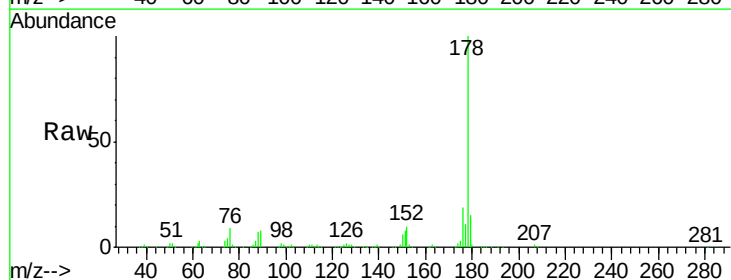
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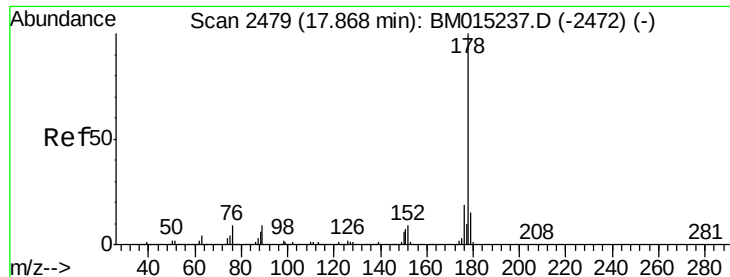
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#70
 Phenanthrene
 Concen: 9.539 ng
 RT: 17.77 min Scan# 2463
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion:	178	Resp:	528483
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.2	22.8
179	15.4	12.1	18.1





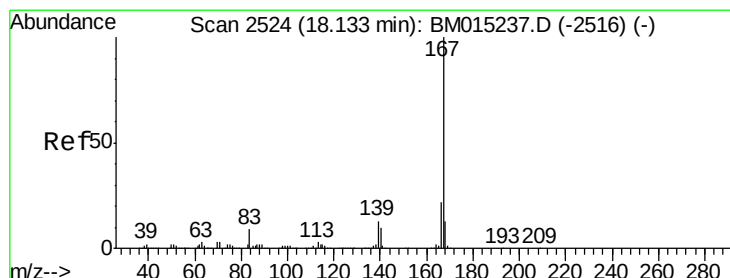
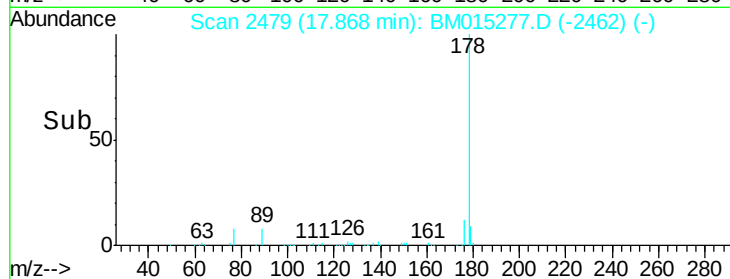
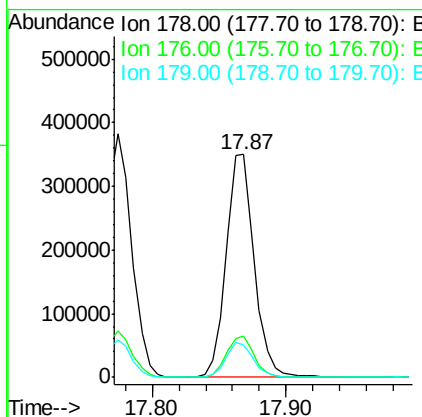
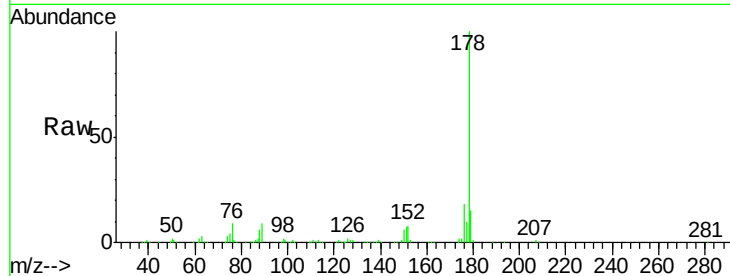
#71
 Anthracene
 Concen: 9.333 ng
 RT: 17.87 min Scan# 2479
 Delta R.T. 0.00 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	14.7	12.6	19.0

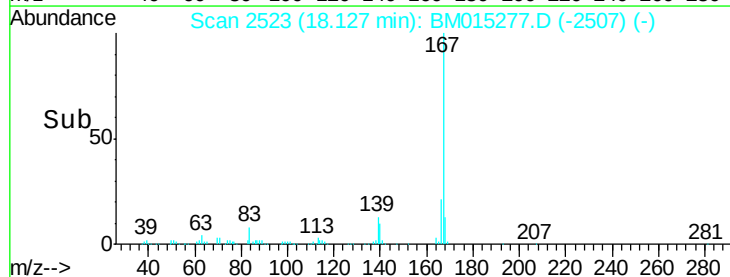
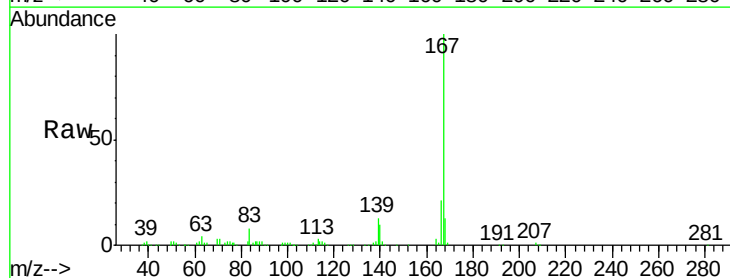
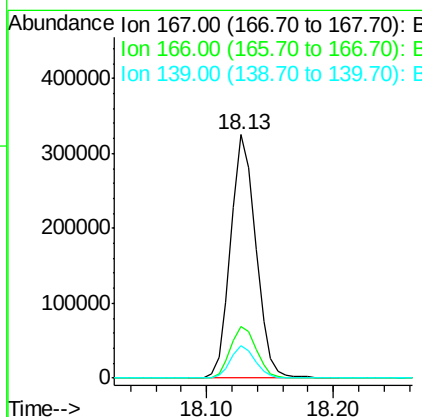
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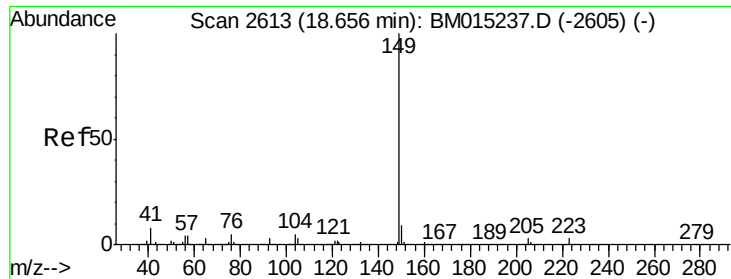
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#72
 Carbazole
 Concen: 9.118 ng
 RT: 18.13 min Scan# 2523
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.2	25.8
139	13.2	10.8	16.2





#73

Di-n-butylphthalate

Concen: 8.882 ng

RT: 18.65 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

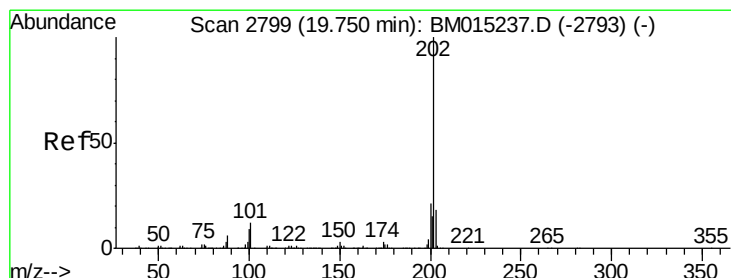
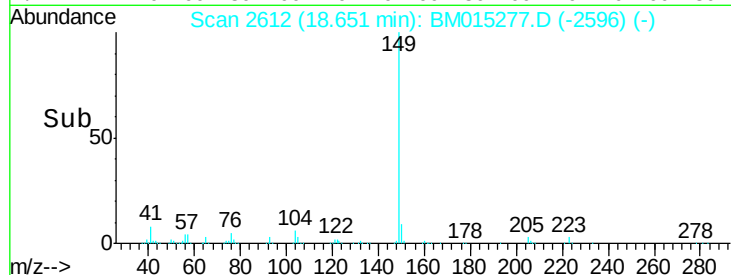
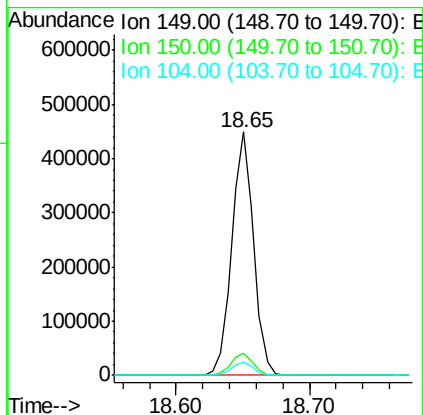
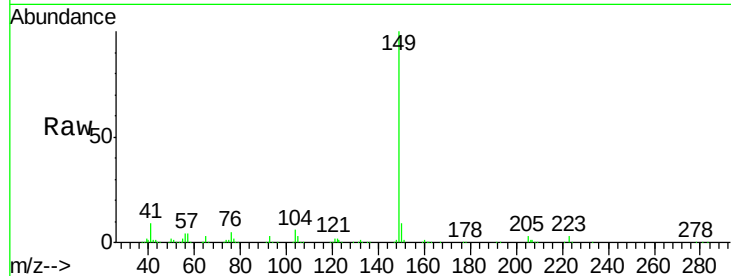
ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion:	149	Resp:	511251
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.5	11.3
104	5.7	3.7	5.5

Manual Integrations
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#74

Fluoranthene

Concen: 8.947 ng

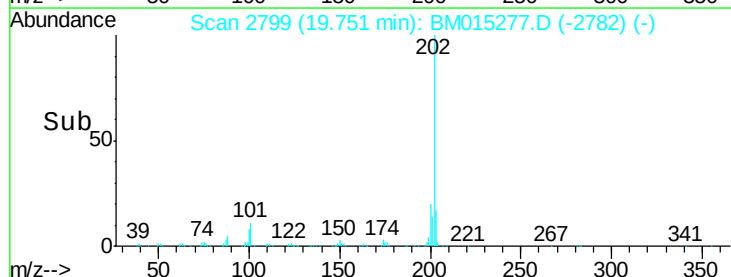
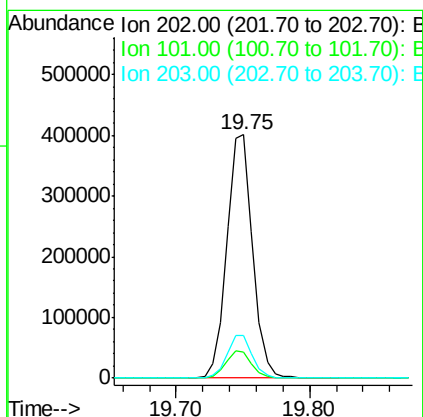
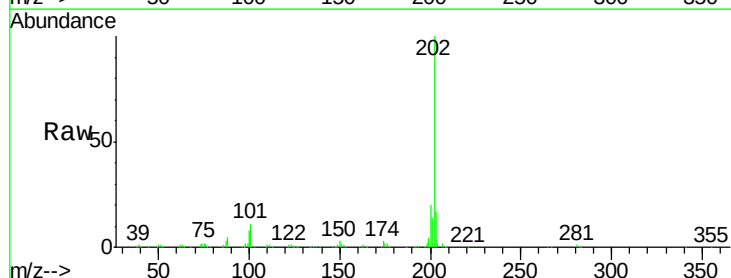
RT: 19.75 min Scan# 2799

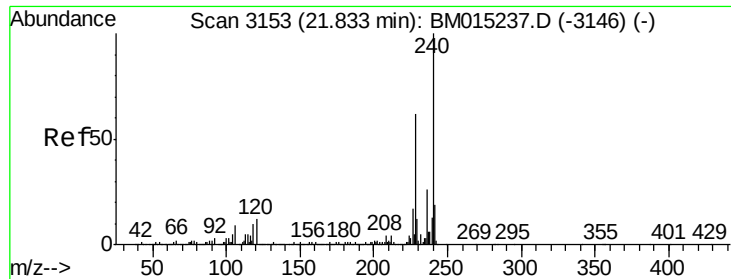
Delta R.T. 0.00 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	202	Resp:	543633
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	28.7
203	17.4	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: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

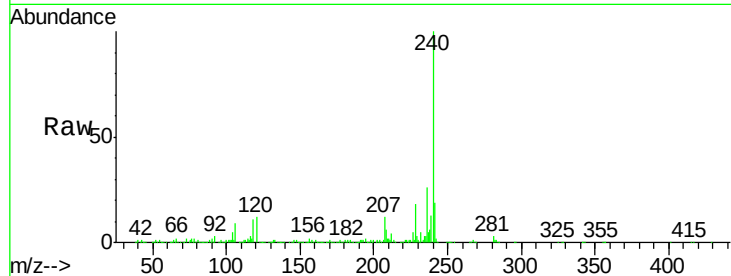
ClientSampleId :

LOQ-SCM-Precision-Bias-3

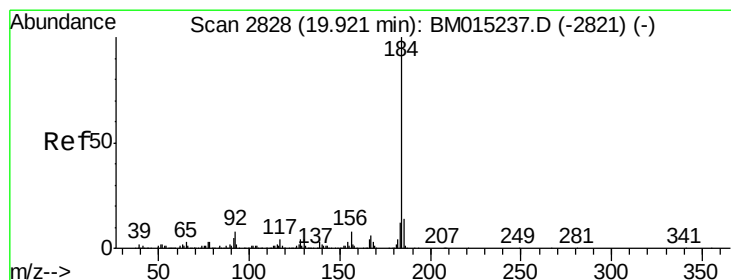
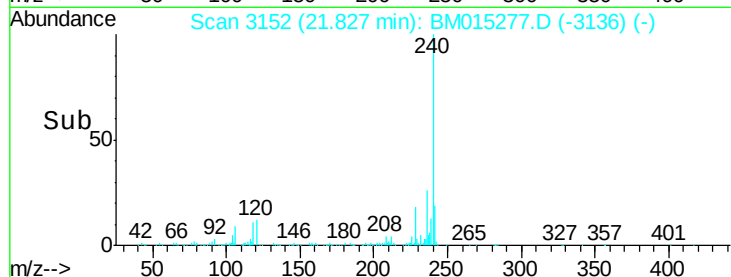
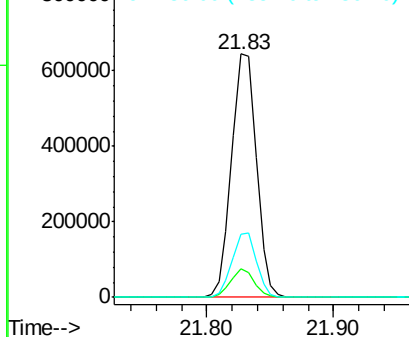
Tot Ion:	240	Resp:	874609
Ion Ratio	Lower	Upper	
240	100		
120	11.6	8.2	12.2
236	26.1	20.0	30.0

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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: 4.938 ng

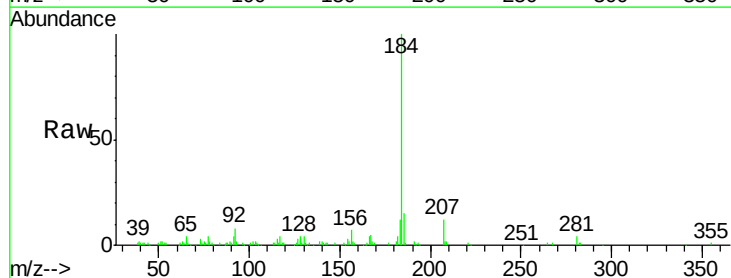
RT: 19.92 min Scan# 2828

Delta R.T. 0.00 min

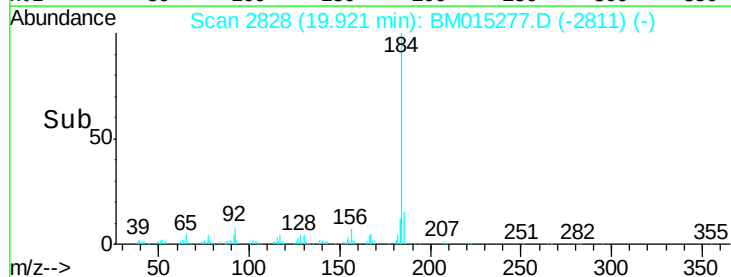
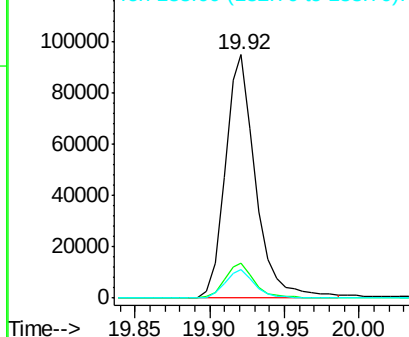
Lab File: BM015277.D

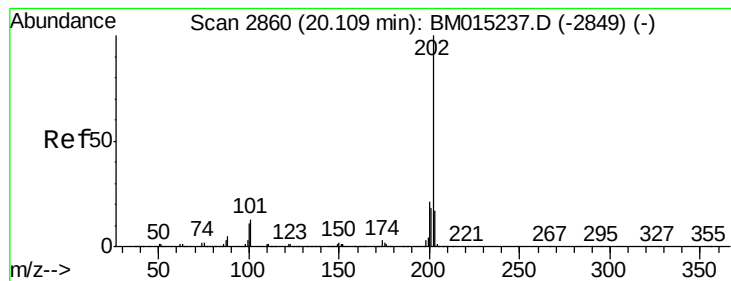
Acq: 23 May 2018 15:51

Tgt Ion:	184	Resp:	135200
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.3	16.9
183	12.0	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: 9.970 ng

RT: 20.10 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

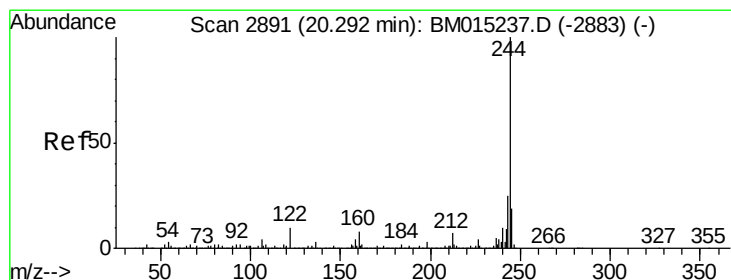
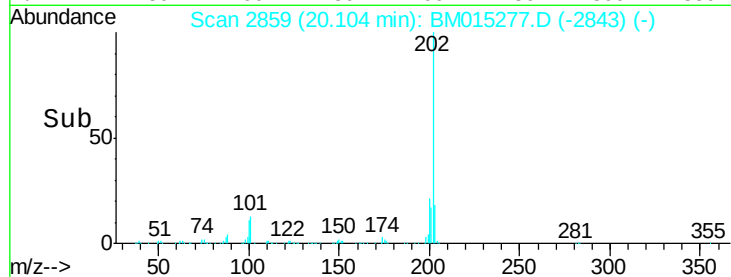
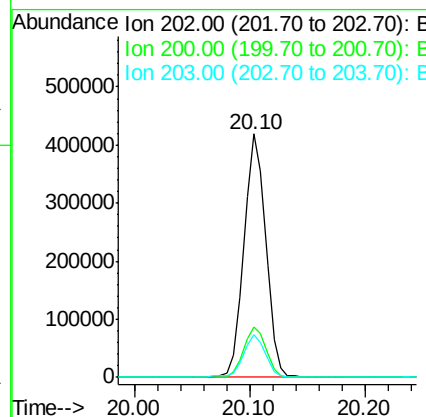
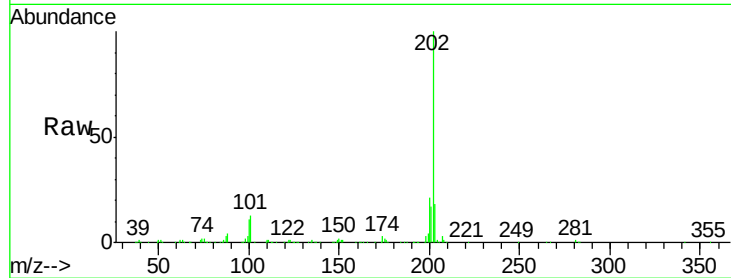
ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion:	202	Resp:	550341
Ion Ratio		Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.5	14.1	21.1

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#78

Terphenyl-d14

Concen: 96.303 ng

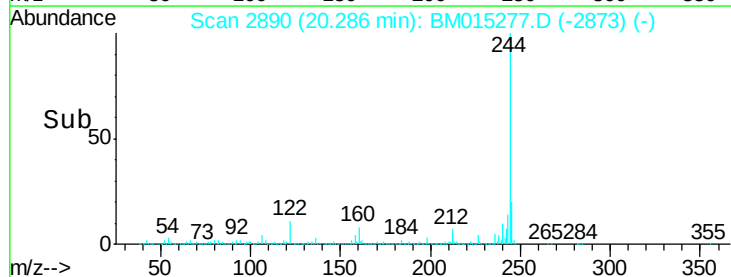
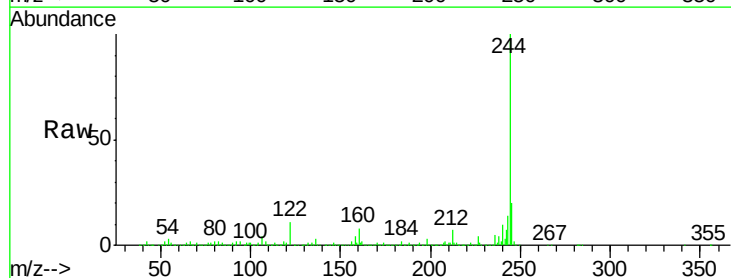
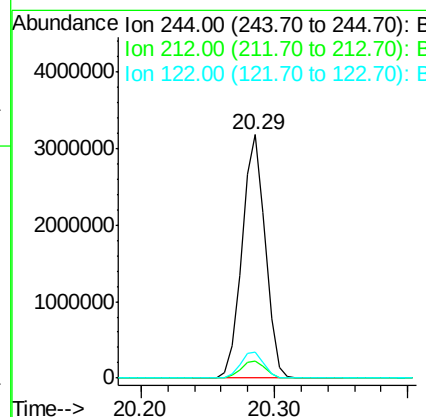
RT: 20.29 min Scan# 2890

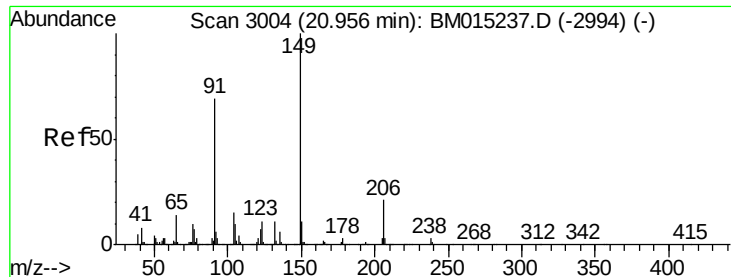
Delta R.T. 0.00 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	244	Resp:	3814269
Ion Ratio		Lower	Upper
244	100		
212	7.3	4.9	7.3
122	10.9	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 8.805 ng

RT: 20.95 min Scan# 3003

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

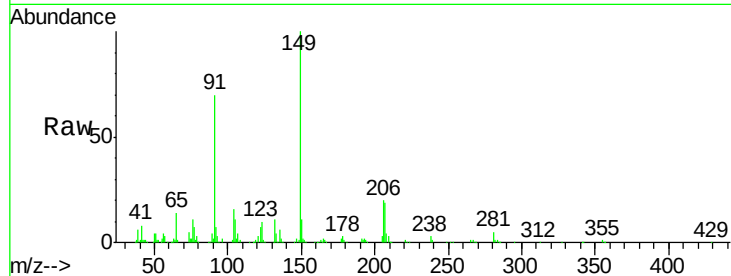
ClientSampleId :

LOQ-SCM-Precision-Bias-3

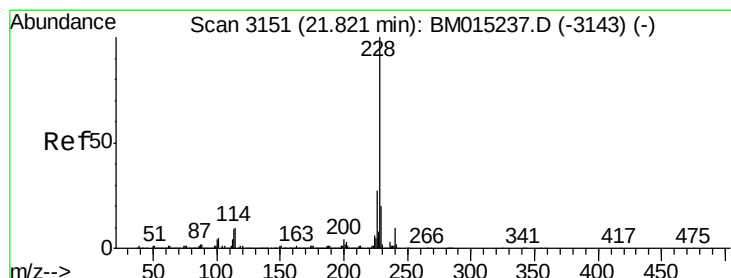
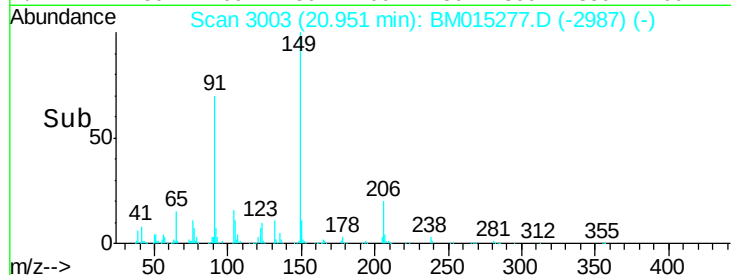
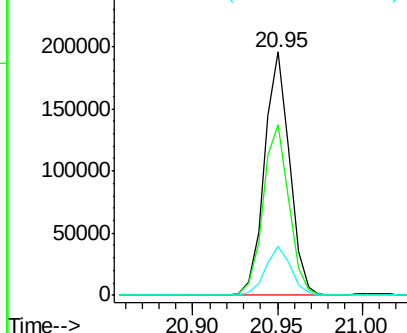
Tot Ion:	149	Resp:	198455
Ion Ratio	Lower	Upper	
149	100		
91	69.8	50.1	75.1
206	20.3	16.2	24.2

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM015277.D (-3134) (-)
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 9.454 ng

RT: 21.82 min Scan# 3150

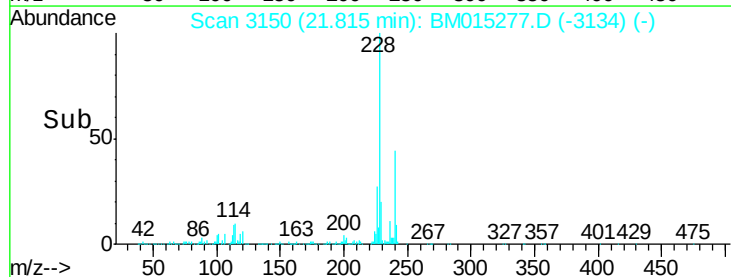
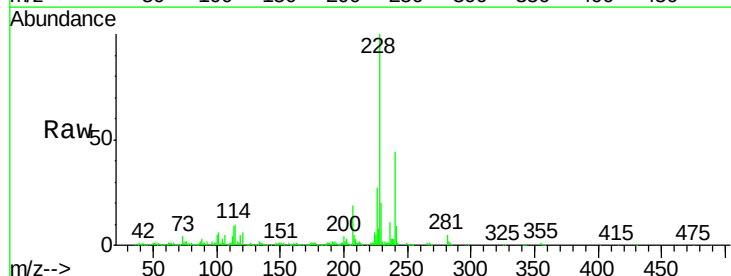
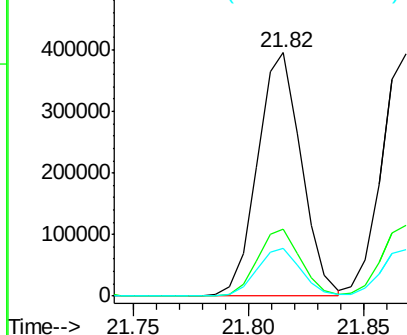
Delta R.T. -0.01 min

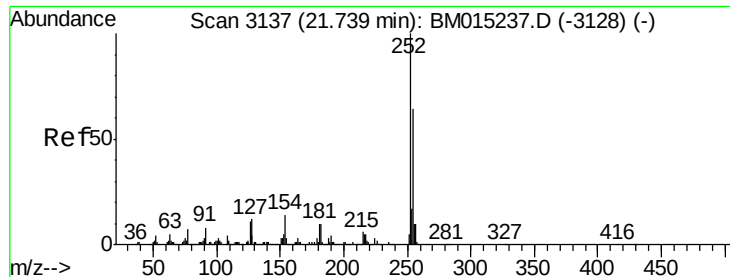
Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	228	Resp:	521070
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.7	32.5
229	19.8	16.0	24.0

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





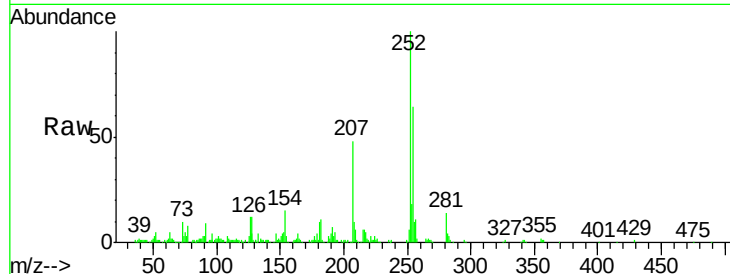
#81
 3,3'-Dichlorobenzidine
 Concen: 8.803 ng
 RT: 21.73 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SCM-Precision-Bias-3

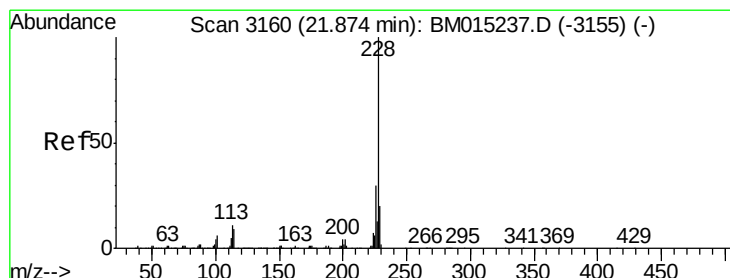
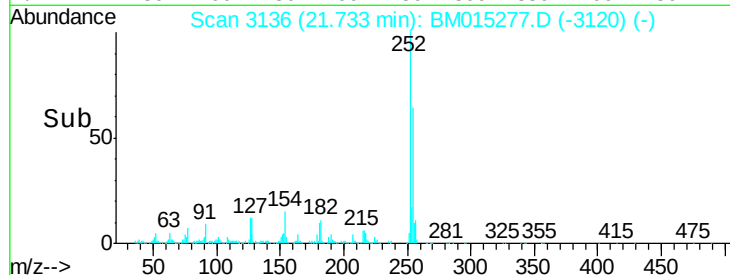
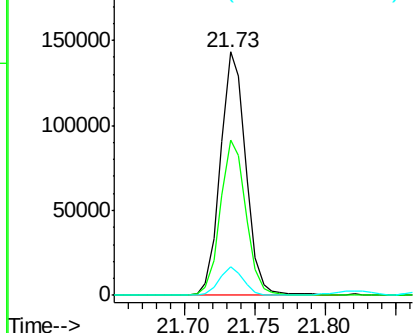
Tot Ion:	252	Resp:	179646
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.9	77.9
126	11.9	9.8	14.8

Manual Integrations
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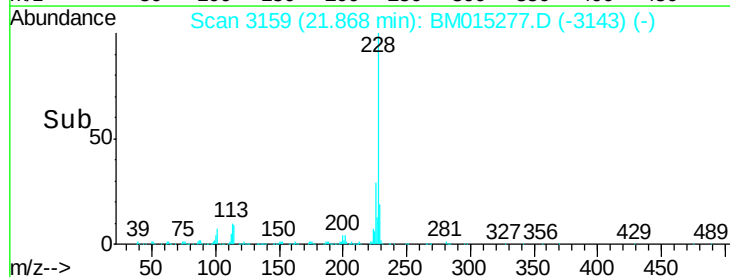
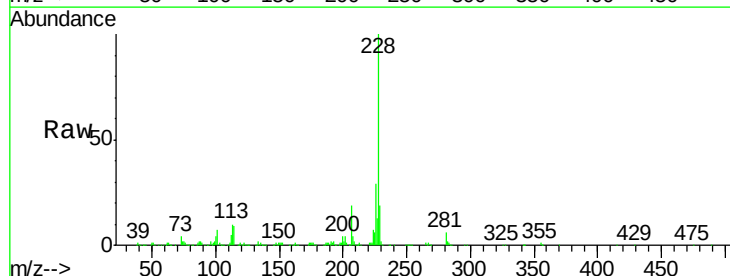
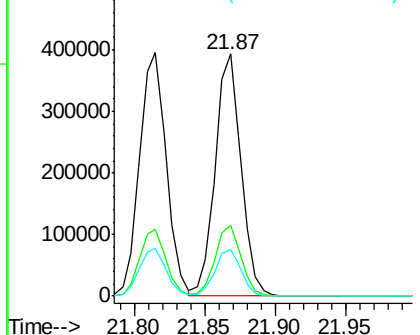
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

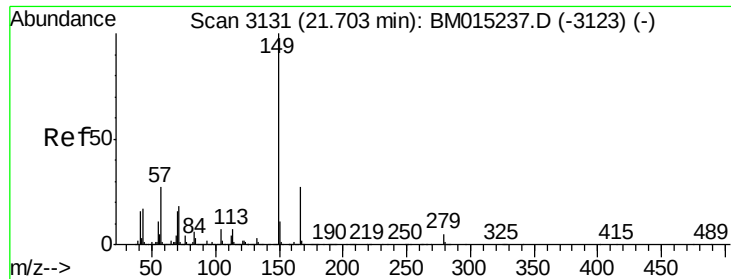


#82
 Chrysene
 Concen: 9.608 ng
 RT: 21.87 min Scan# 3159
 Delta R.T. -0.01 min
 Lab File: BM015277.D
 Acq: 23 May 2018 15:51

Tgt Ion:	228	Resp:	498741
Ion Ratio	Lower	Upper	
228	100		
226	29.2	24.1	36.1
229	19.3	15.5	23.3

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.731 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

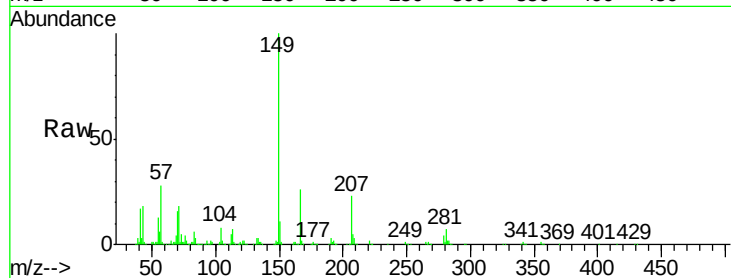
ClientSampleId :

LOQ-SCM-Precision-Bias-3

Tot Ion:	149	Resp:	286223
Ion Ratio	Lower	Upper	
149	100		
167	26.4	22.4	33.6
279	4.3	3.4	5.0

Manual Integrations
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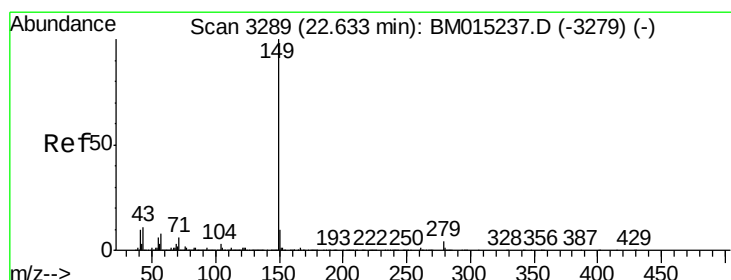
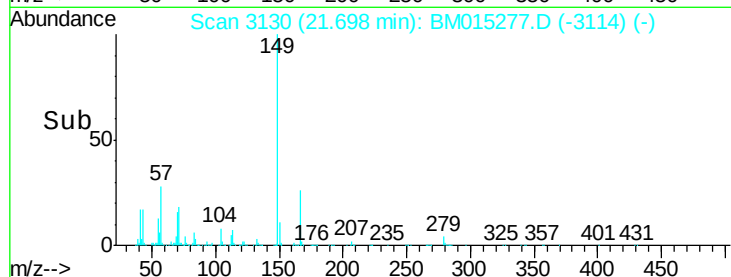
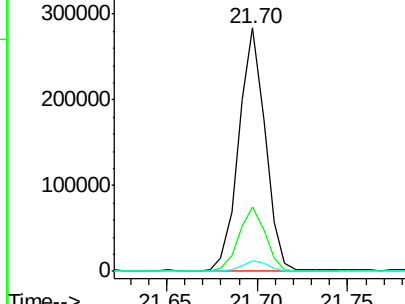
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 8.001 ng

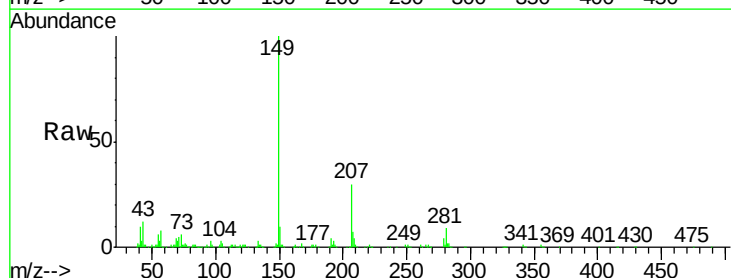
RT: 22.63 min Scan# 3288

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

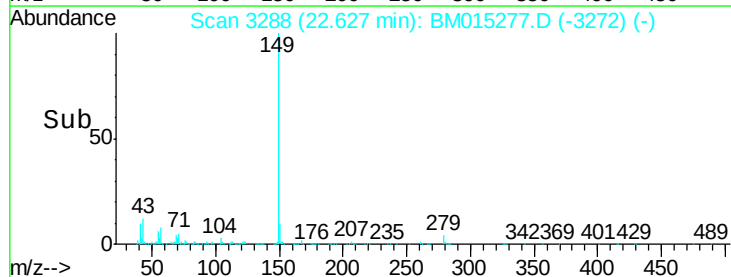
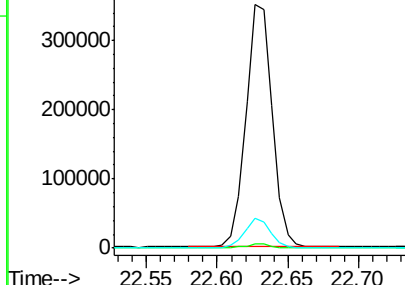
Tgt Ion:	149	Resp:	458770
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.2	1.8
43	12.0	7.3	10.9#

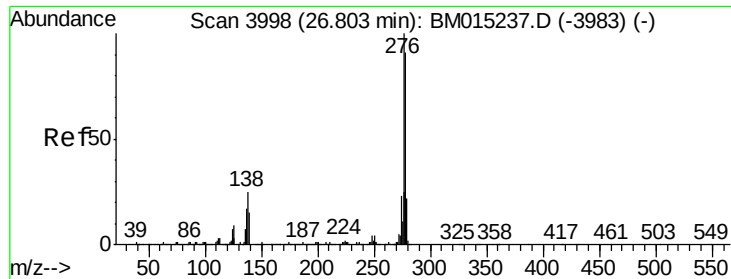


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





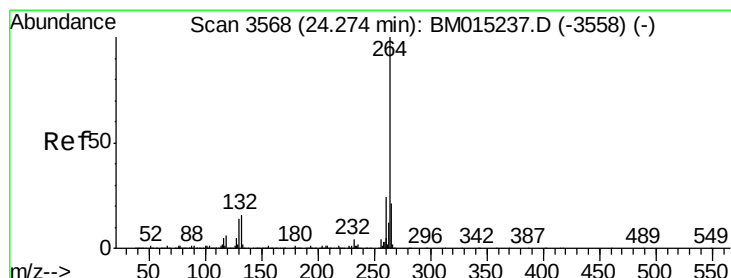
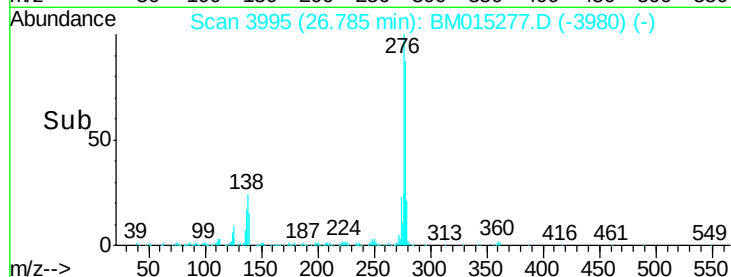
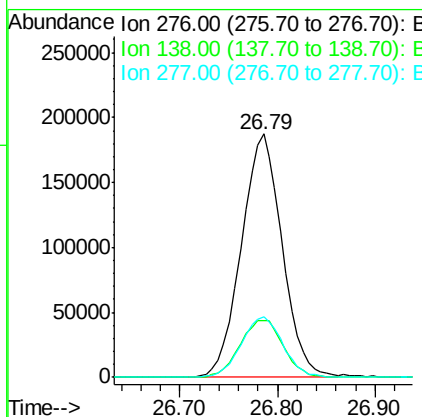
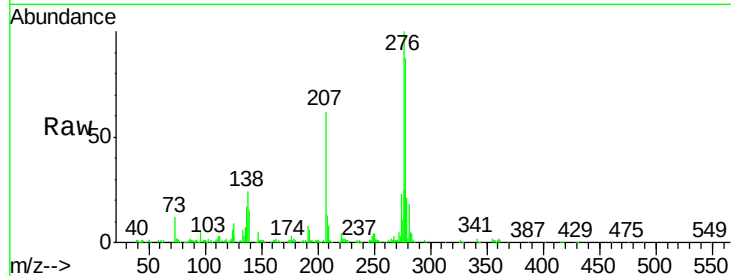
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.711 ng
RT: 26.79 min Scan# 3995
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	12.0	18.0#
277	25.4	20.0	30.0

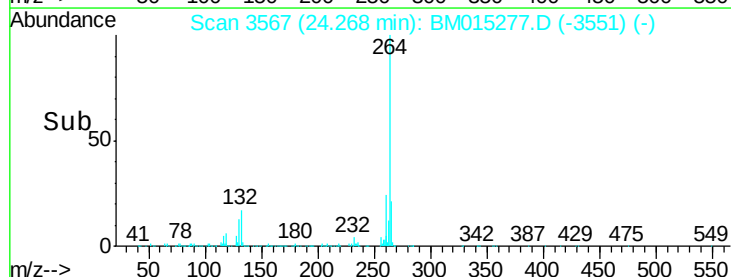
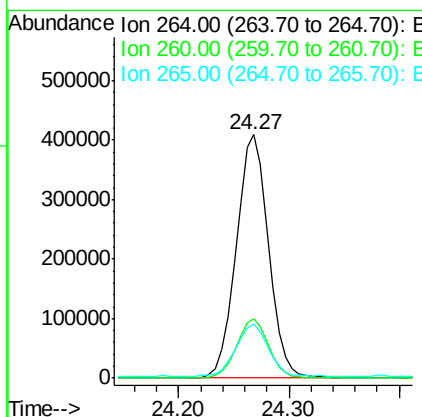
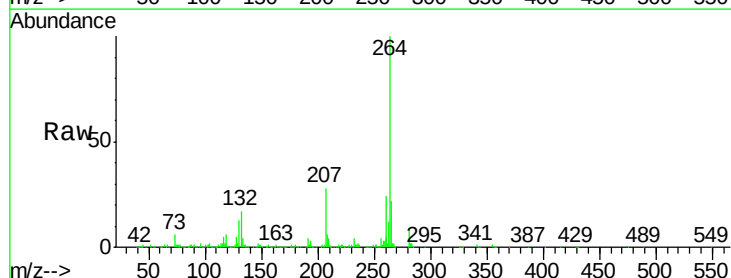
Manual Integrations
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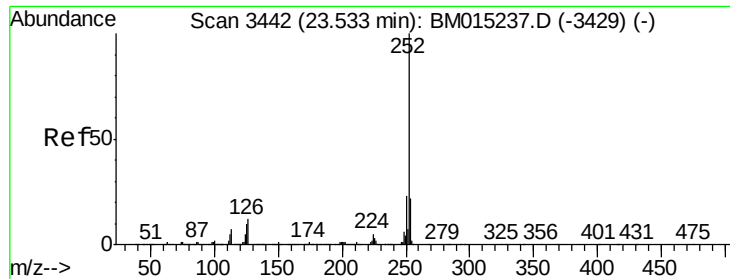
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#86
Perylene-d12
Concen: 20.000 ng
RT: 24.27 min Scan# 3567
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	22.3	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 9.185 ng/mL

RT: 23.52 min Scan# 3440

Delta R.T. -0.01 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Instrument :

BNA_M

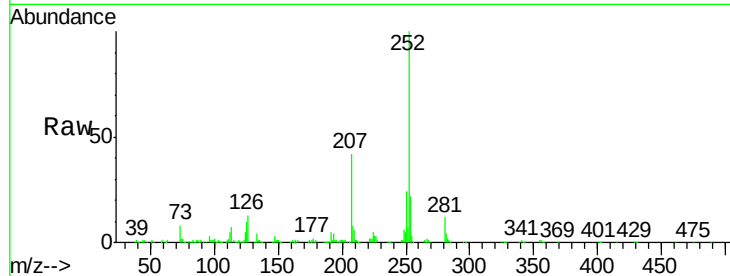
ClientSampleId :

LOQ-SCM-Precision-Bias-3

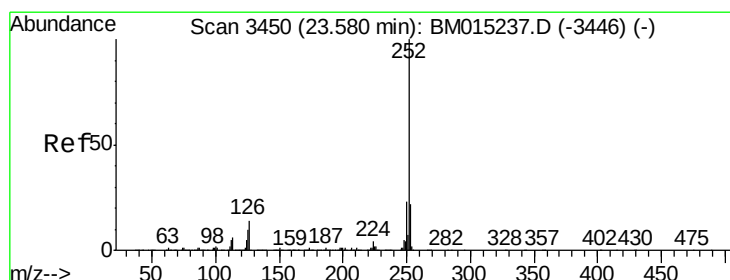
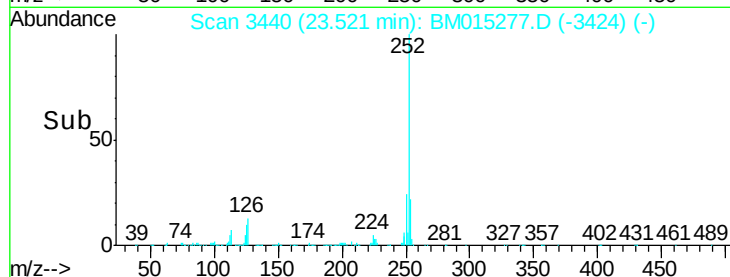
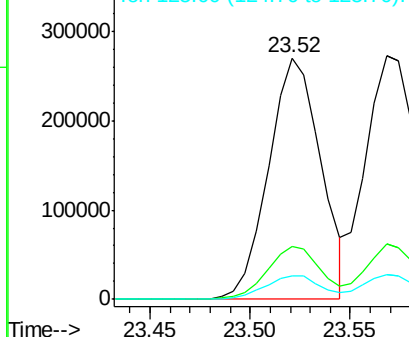
Tot Ion:	252	Resp:	488146
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	9.9	9.9	14.9

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 9.676 ng/mL

RT: 23.57 min Scan# 3448

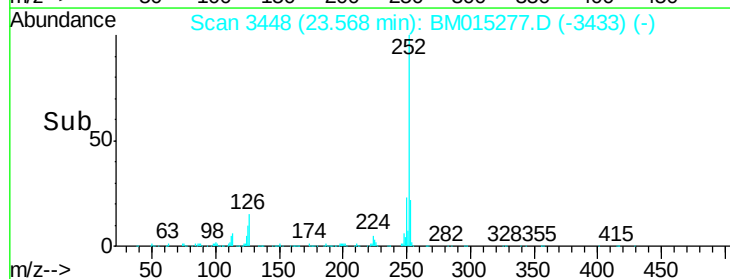
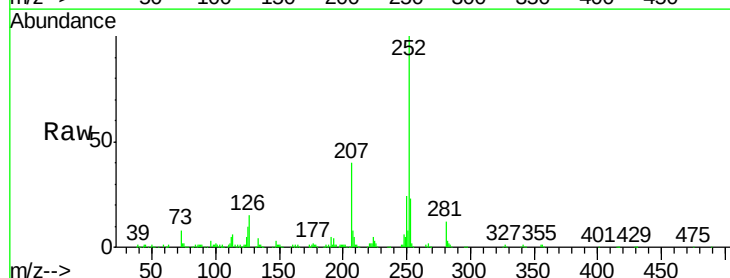
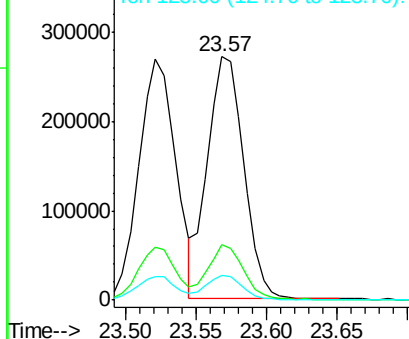
Delta R.T. -0.01 min

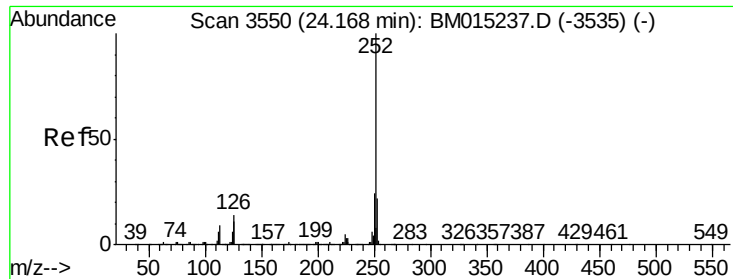
Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tgt Ion:	252	Resp:	486408
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.2	25.8
125	10.0	8.1	12.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





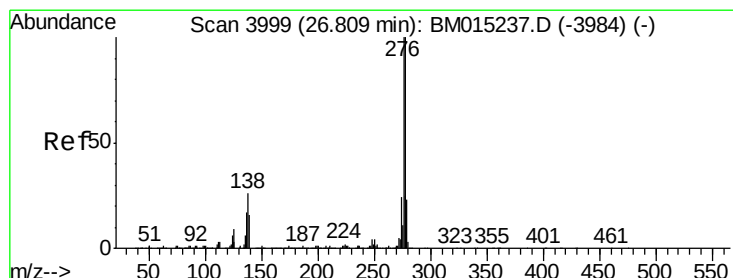
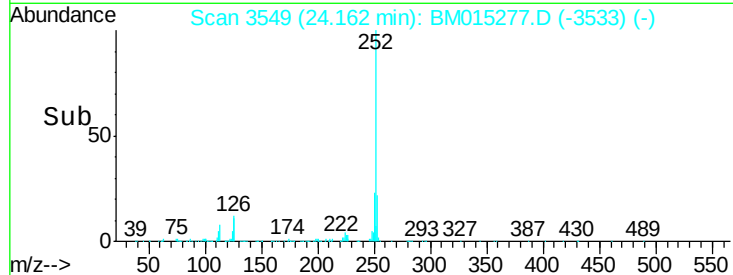
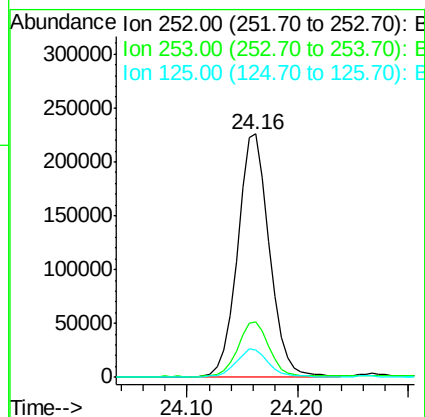
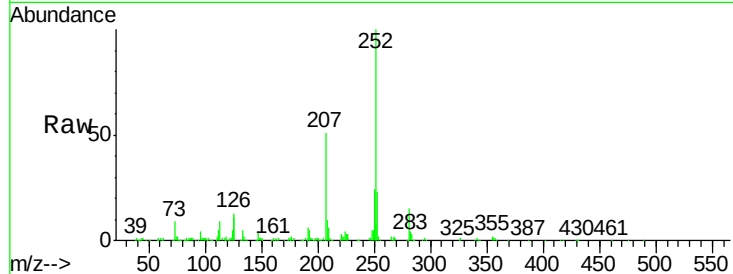
#89
Benzo(a)pyrene
Concen: 9.188 ng
RT: 24.16 min Scan# 3549
Delta R.T. -0.01 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Instrument :
BNA_M
ClientSampleId :
LOQ-SCM-Precision-Bias-3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	11.1	7.4	11.2

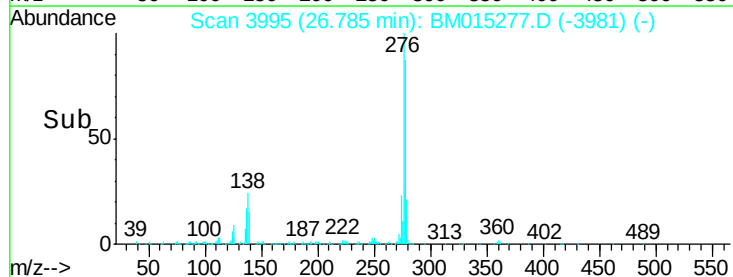
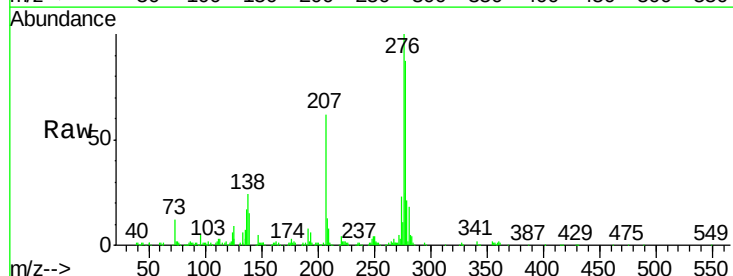
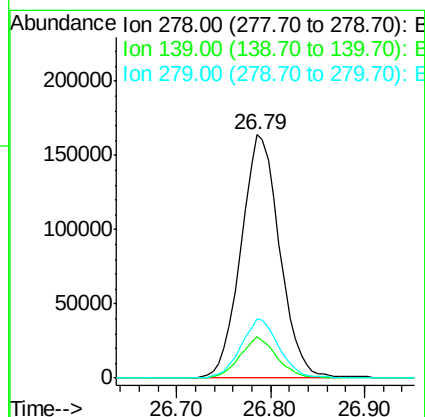
Manual Integrations
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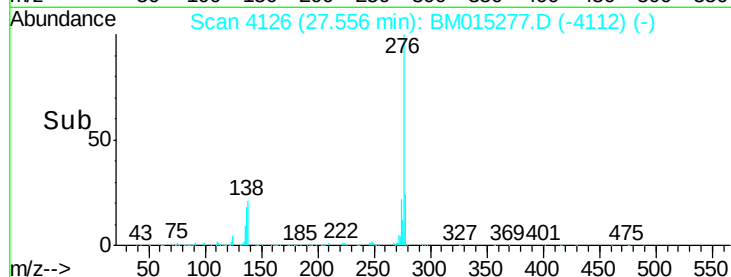
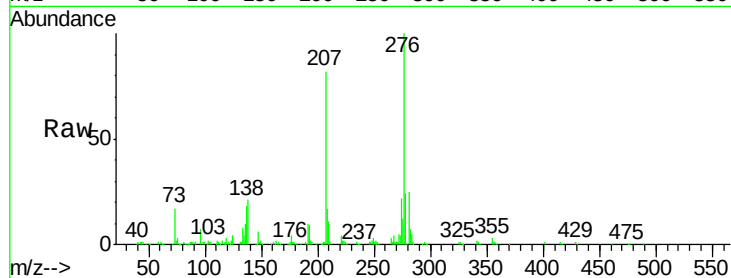
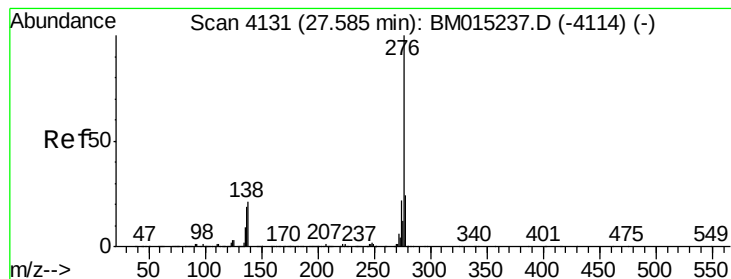
Sohil
5/24/2018 5:38:08 PM



#90
Dibenzo(a,h)anthracene
Concen: 9.239 ng
RT: 26.79 min Scan# 3995
Delta R.T. -0.02 min
Lab File: BM015277.D
Acq: 23 May 2018 15:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.4	20.0
279	24.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 9.174 ng

RT: 27.56 min Scan# 4126

Delta R.T. -0.02 min

Lab File: BM015277.D

Acq: 23 May 2018 15:51

Tot Ion:	276	Resp:	451881
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.5	27.7
138	21.0	19.0	28.6

Instrument :

BNA_M

ClientSampleId :

LOQ-SCM-Precision-Bias-3

Manual Integrations
APPROVED

Sohil
5/24/2018 5:38:08 PM

