

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010126.D
 Acq On : 23 May 2017 05:23
 Operator : SJ/MA
 Sample : I3222-13MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EX-21MS

Manual Integrations
 APPROVED

mohammad
 5/23/2017 1:23:32 PM

Quant Time: May 23 08:18:05 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	148202	20.00	ng	-0.01
21) Naphthalene-d8	10.77	136	501784	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	330469	20.00	ng	-0.02
63) Phenanthrene-d10	17.34	188	810554	20.00	ng	-0.01
75) Chrysene-d12	21.50	240	1227007	20.00	ng	-0.01
86) Perylene-d12	23.86	264	1353734	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	905491	110.33	ng	-0.02
7) Phenol-d6	7.15	99	1108683	104.99	ng	-0.02
23) Nitrobenzene-d5	9.15	82	732646	78.77	ng	-0.02
41) 2,4,6-Tribromophenol	16.09	330	576150	114.79	ng	-0.01
44) 2-Fluorobiphenyl	13.22	172	1651685	64.25	ng	-0.02
78) Terphenyl-d14	19.94	244	3084144	57.15	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	121976	32.35	ng	# 100
3) Pyridine	3.85	79	305130	30.23	ng	92
4) n-Nitrosodimethylamine	3.77	42	144685	39.63	ng	# 84
6) Aniline	7.32	93	354343	27.08	ng	91
8) 2-Chlorophenol	7.53	128	300104	33.61	ng	95
9) Benzaldehyde	7.12	77	101652	15.46	ng	92
10) Phenol	7.18	94	411505	36.98	ng	88
11) bis(2-Chloroethyl)ether	7.39	93	266089	32.08	ng	99
12) 1,3-Dichlorobenzene	7.85	146	367292	32.37	ng	# 92
13) 1,4-Dichlorobenzene	8.00	146	379590	32.57	ng	97
14) 1,2-Dichlorobenzene	8.31	146	360359	32.21	ng	97
15) Benzyl Alcohol	8.22	79	276358	34.59	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.49	45	230532	28.26	ng	78
17) 2-Methylphenol	8.42	107	252841	31.93	ng	# 84
18) Hexachloroethane	9.03	117	124315	32.90	ng	# 76
19) n-Nitroso-di-n-propylamine	8.77	70	246520	33.07	ng	90
20) 3+4-Methylphenols	8.75	107	351355	32.85	ng	88
22) Acetophenone	8.80	105	465212	36.17	ng	# 98
24) Nitrobenzene	9.19	77	375052	39.14	ng	97
25) Isophorone	9.70	82	603886	37.58	ng	# 94
26) 2-Nitrophenol	9.89	139	147674	36.56	ng	# 66
27) 2,4-Dimethylphenol	9.95	122	256268	35.14	ng	# 86
28) bis(2-Chloroethoxy)methane	10.18	93	346551	33.98	ng	99
29) 2,4-Dichlorophenol	10.42	162	324818	38.69	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	393553	36.23	ng	98
31) Naphthalene	10.82	128	884785	32.96	ng	98
32) Benzoic acid	10.03	122	37232	7.49	ng	# 86
33) 4-Chloroaniline	10.96	127	150307	14.53	ng	# 80
34) Hexachlorobutadiene	11.07	225	267132	36.86	ng	98
35) Caprolactam	11.76	113	81518m	33.84	ng	
36) 4-Chloro-3-methylphenol	12.07	107	319118	35.09	ng	86
37) 2-Methylnaphthalene	12.42	142	684928	35.44	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.77	216	459613	36.17	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	632176	86.16	ng	99

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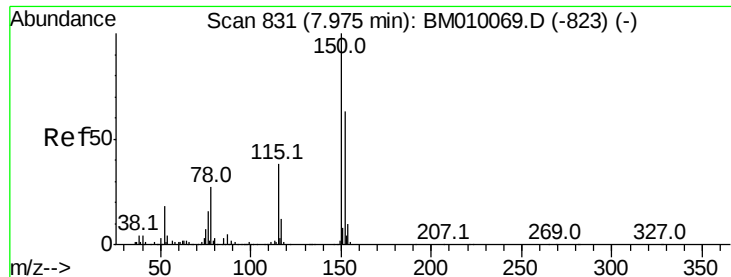
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.03	196	283480	37.87	nq	98
43) 2,4,5-Trichlorophenol	13.10	196	303993	36.75	nq #	94
45) 1,1'-Biphenyl	13.43	154	950492	34.97	nq	98
46) 2-Chloronaphthalene	13.47	162	749138	34.05	nq	96
47) 2-Nitroaniline	13.71	65	200450	35.43	nq	86
48) Acenaphthylene	14.32	152	1148759	35.31	nq	100
49) Dimethylphthalate	14.06	163	1242883	42.16	nq #	98
50) 2,6-Dinitrotoluene	14.19	165	201233	35.95	nq	92
51) Acenaphthene	14.66	154	706176	34.92	nq	97
52) 3-Nitroaniline	14.54	138	160455	30.84	nq #	68
53) 2,4-Dinitrophenol	14.73	184	161423	46.30	nq #	81
54) Dibenzofuran	14.99	168	1195396	37.59	nq	96
55) 4-Nitrophenol	14.85	139	280742	67.05	nq #	31
56) 2,4-Dinitrotoluene	14.97	165	282884	35.72	nq #	85
57) Fluorene	15.64	166	975912	35.29	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.22	232	292186	41.48	nq #	100
59) Diethylphthalate	15.40	149	916933	32.90	nq	96
60) 4-Chlorophenyl-phenylether	15.63	204	547174	35.24	nq	97
61) 4-Nitroaniline	15.70	138	163801	31.02	nq #	29
62) Azobenzene	15.92	77	888378	43.35	nq	90
64) 4,6-Dinitro-2-methylphenol	15.72	198	170434	34.42	nq	81
65) n-Nitrosodiphenylamine	15.85	169	846234	34.83	nq	99
66) 4-Bromophenyl-phenylether	16.52	248	363167	35.00	nq	93
67) Hexachlorobenzene	16.62	284	414570	32.89	nq	94
68) Atrazine	16.79	200	344416	37.39	nq	98
69) Pentachlorophenol	16.98	266	493779	71.31	nq	98
70) Phenanthrene	17.38	178	1601006	35.30	nq	99
71) Anthracene	17.47	178	1628358	36.18	nq	99
72) Carbazole	17.76	167	1424464	35.75	nq	98
73) Di-n-butylphthalate	18.27	149	1550298	32.81	nq #	98
74) Fluoranthene	19.39	202	2078328	35.30	nq	98
76) Benzidine	19.59	184	1427846	63.09	nq	99
77) Pyrene	19.75	202	2136290	32.47	nq	100
79) Butylbenzylphthalate	20.62	149	756153	31.05	nq #	85
80) Benzo(a)anthracene	21.48	228	2375207	35.12	nq	100
81) 3,3'-Dichlorobenzidine	21.42	252	828257	30.45	nq #	97
82) Chrysene	21.53	228	2174553	33.90	nq	100
83) Bis(2-ethylhexyl)phthalate	21.36	149	1134924	31.16	nq #	97
84) Di-n-octyl phthalate	22.27	149	2057668	31.56	nq	97
85) Indeno(1,2,3-cd)pyrene	26.29	276	3568685	37.94	nq #	100
87) Benzo(b)fluoranthene	23.14	252	2862359	36.13	nq #	92
88) Benzo(k)fluoranthene	23.19	252	2659869	34.27	nq #	96
89) Benzo(a)pyrene	23.76	252	2713446	35.94	nq #	96
90) Dibenzo(a,h)anthracene	26.29	278	2999767	35.53	nq #	92
91) Benzo(g,h,i)perylene	27.04	276	2924154	35.35	nq #	87

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



#1

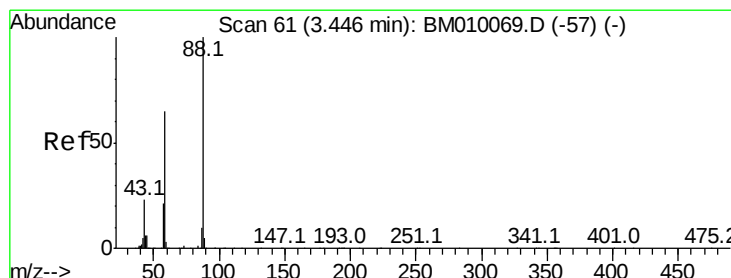
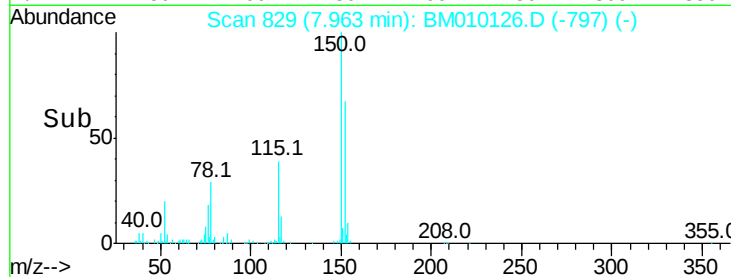
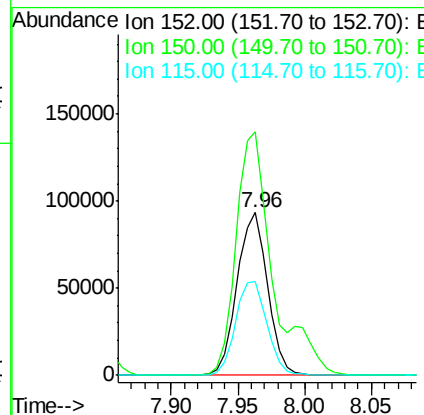
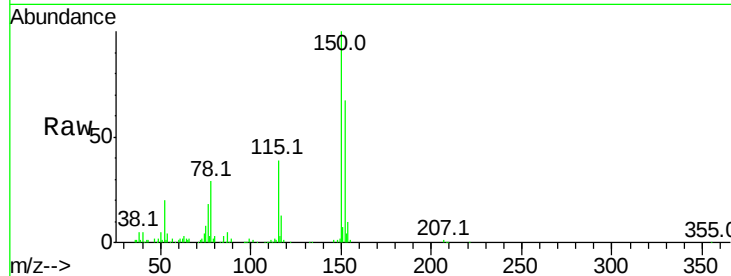
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	119.5	179.3
115	57.7	43.0	64.4

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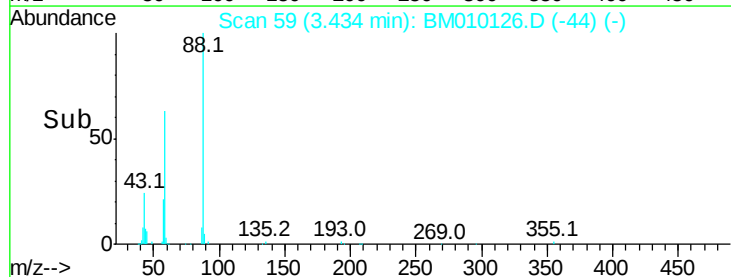
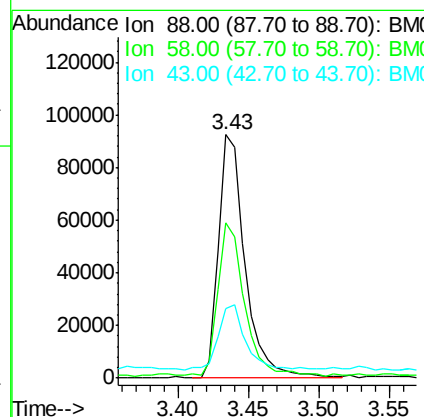
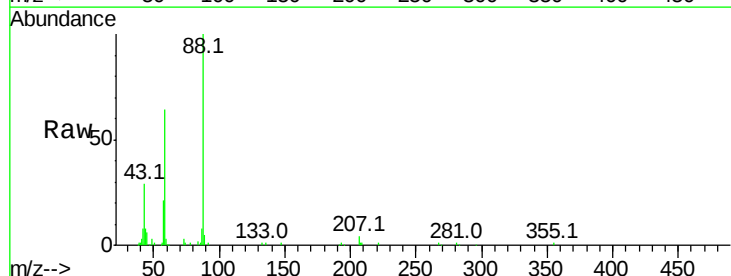
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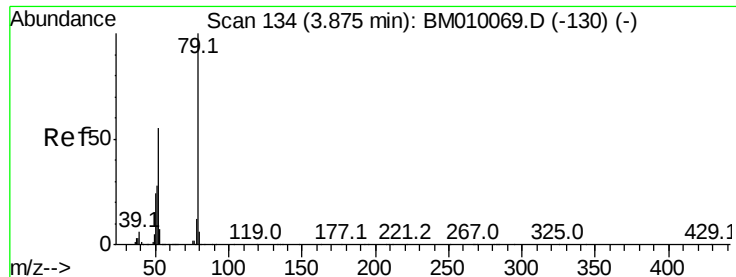


#2

1,4-Dioxane
Concen: 32.35 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.4	0.0	0.0#
43	26.5	0.0	0.0#





#3

Pvridine

Concen: 30.23 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

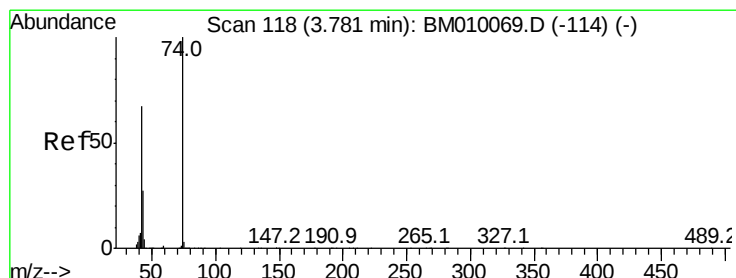
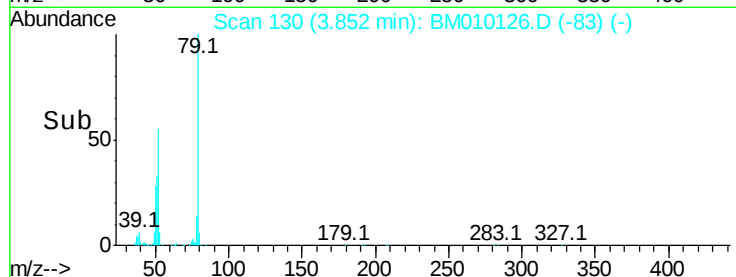
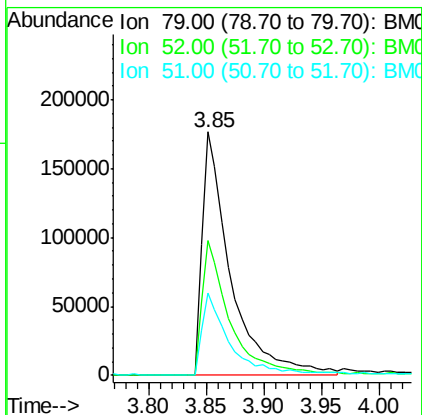
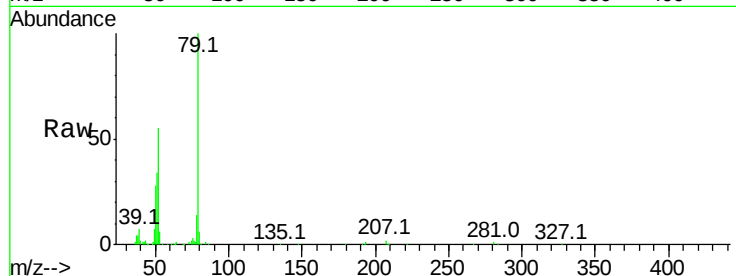
ClientSampleId :

EX-21MS

Tot Ion:	79	Resp:	305130
Ion Ratio	Lower	Upper	
79	100		
52	55.2	51.1	76.7
51	33.8	26.1	39.1

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#4

n-Nitrosodimethylamine

Concen: 39.63 ng

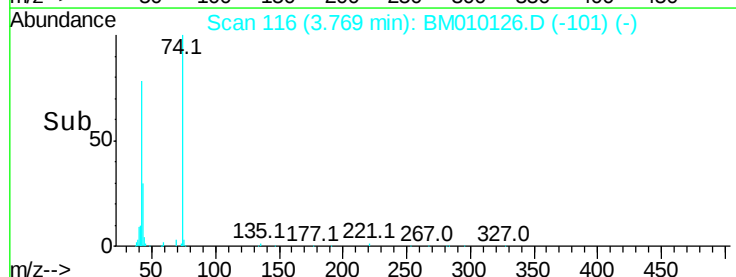
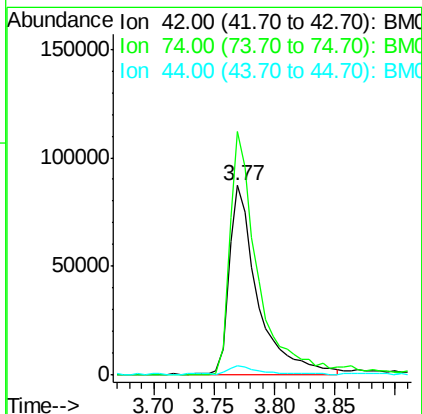
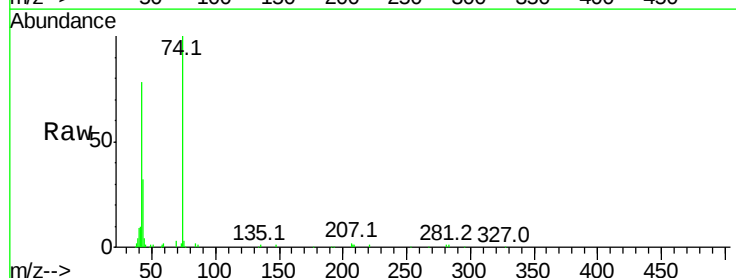
RT: 3.77 min Scan# 116

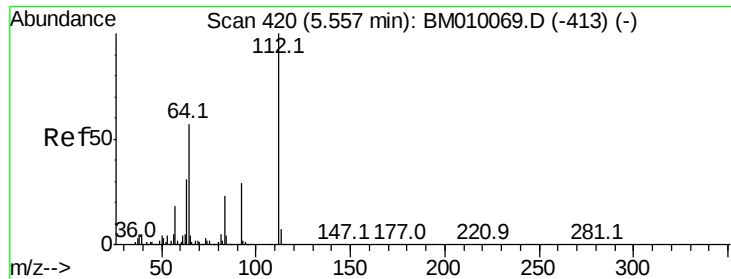
Delta R.T. -0.01 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion:	42	Resp:	144685
Ion Ratio	Lower	Upper	
42	100		
74	128.6	119.3	178.9
44	5.1	5.4	8.2#





#5

2-Fluorophenol

Concen: 110.33 ng

RT: 5.54 min Scan# 417

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

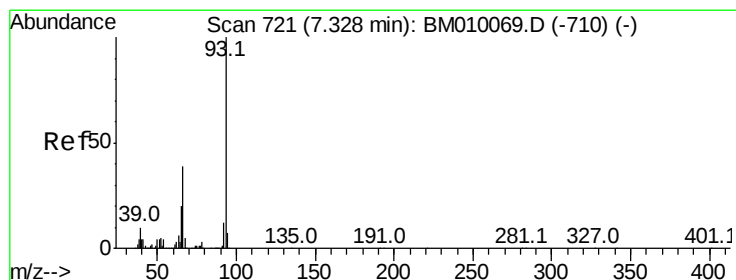
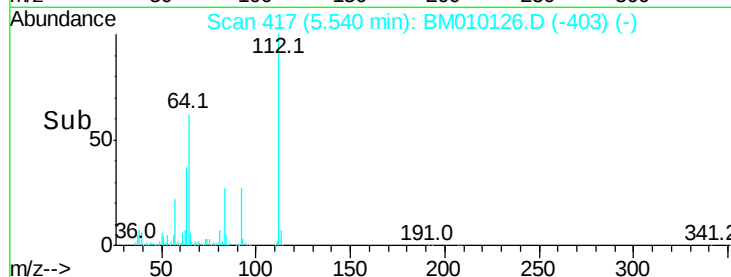
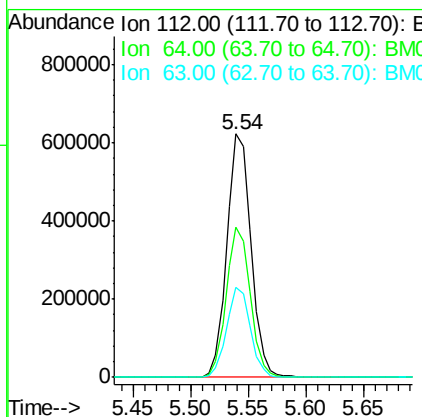
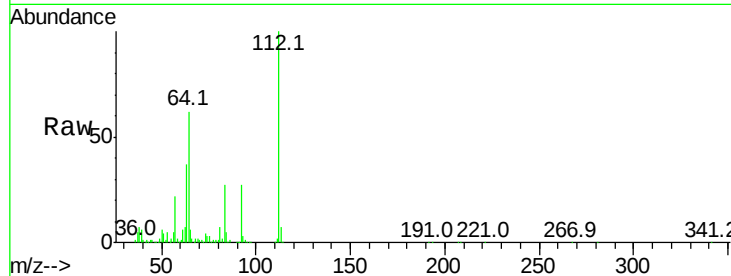
ClientSampleId :

EX-21MS

Tot Ion:	112	Resp:	905491
Ion Ratio	Lower	Upper	
112	100		
64	61.7	38.6	57.8#
63	36.8	19.3	28.9#

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#6

Aniline

Concen: 27.08 ng

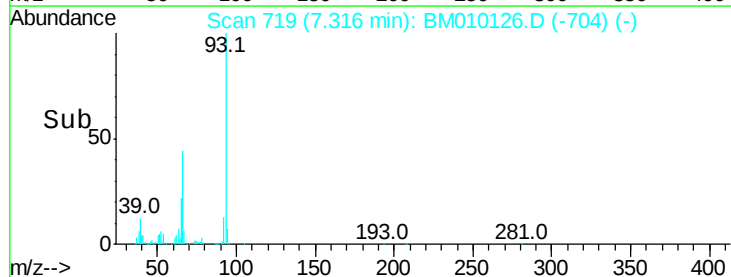
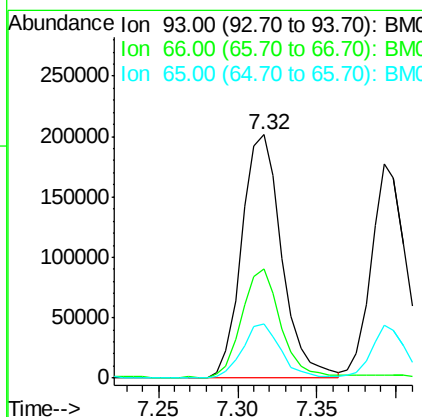
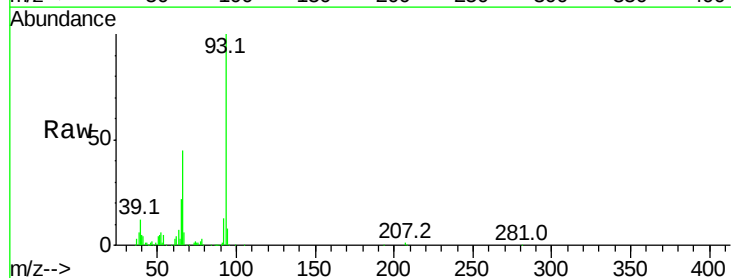
RT: 7.32 min Scan# 719

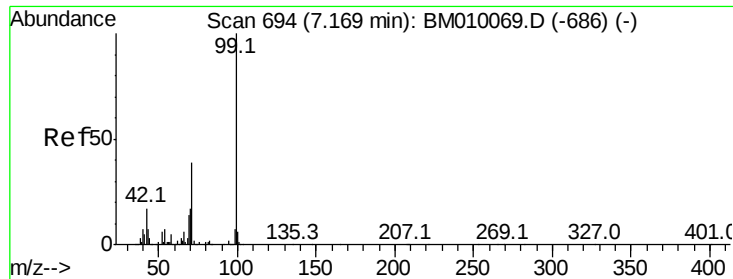
Delta R.T. -0.01 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion:	93	Resp:	354343
Ion Ratio	Lower	Upper	
93	100		
66	45.1	30.8	46.2
65	22.5	16.0	24.0





#7

Phenol-d6

Concen: 104.99 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

ClientSampleId :

EX-21MS

Tot Ion: 99 Resp: 1108683

Ion Ratio Lower Upper

99 100

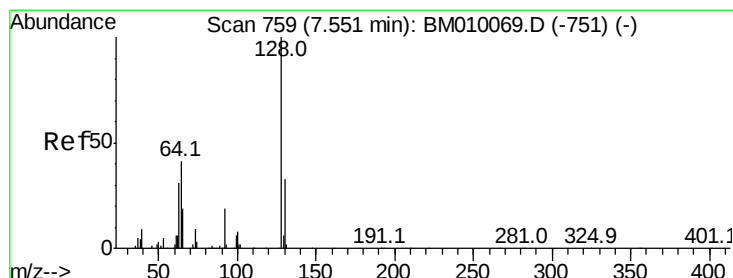
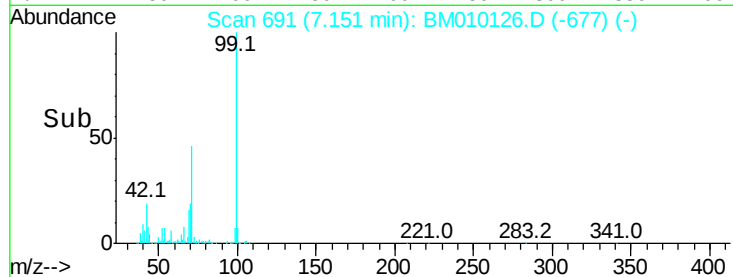
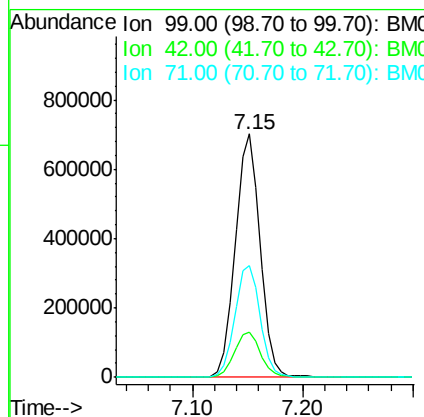
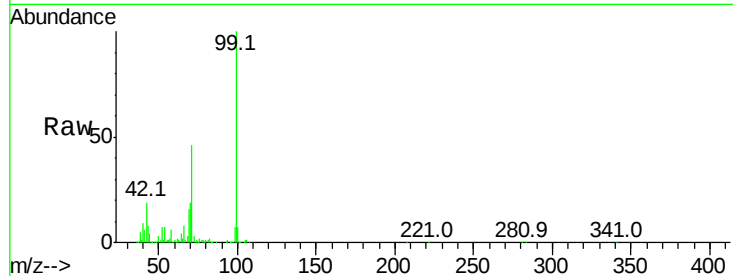
42 18.7 11.0 16.4#

71 46.2 23.4 35.2#

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#8

2-Chlorophenol

Concen: 33.61 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

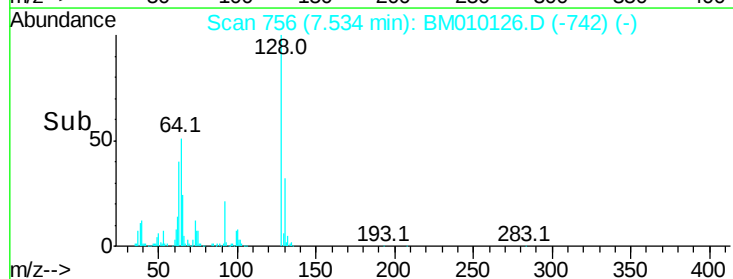
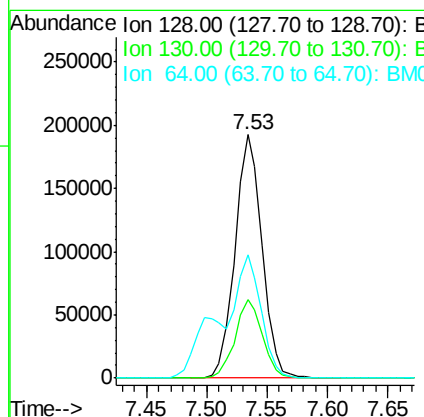
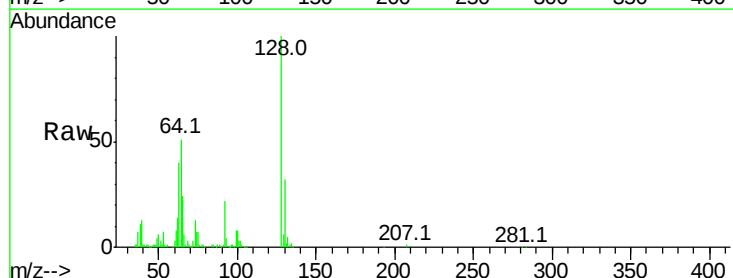
Tgt Ion: 128 Resp: 300104

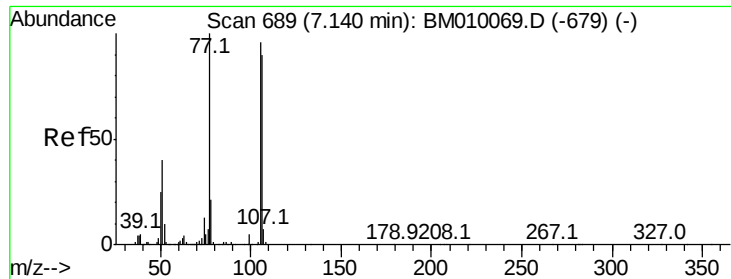
Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 50.5 24.9 64.9





#9

Benzaldehyde

Concen: 15.46 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

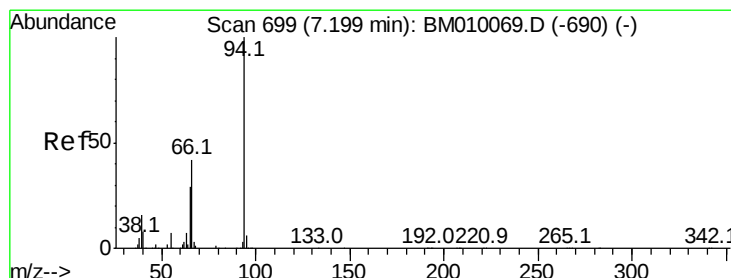
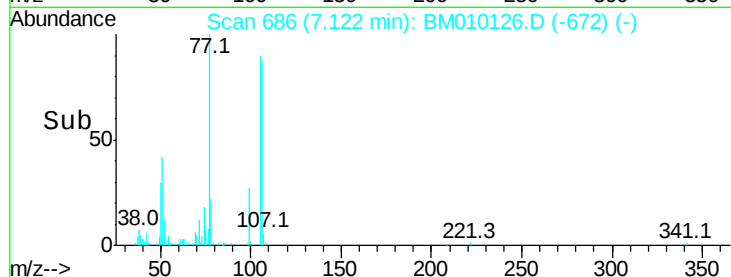
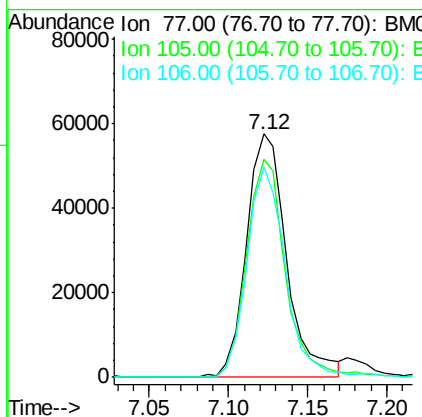
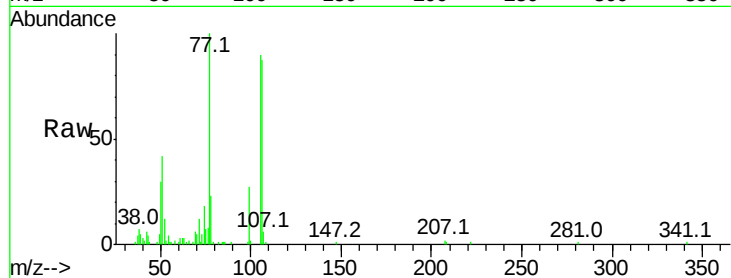
ClientSampleId :

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Tot Ion:	77	Resp:	101652
Ion	Ratio	Lower	Upper
77	100		
105	89.7	78.8	118.8
106	86.6	73.7	113.7

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#10

Phenol

Concen: 36.98 ng

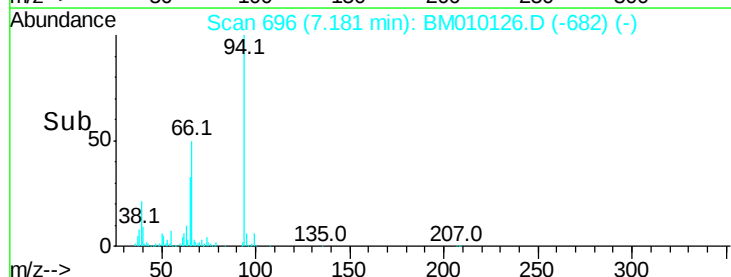
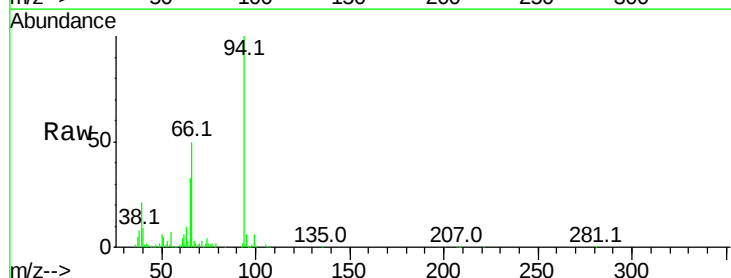
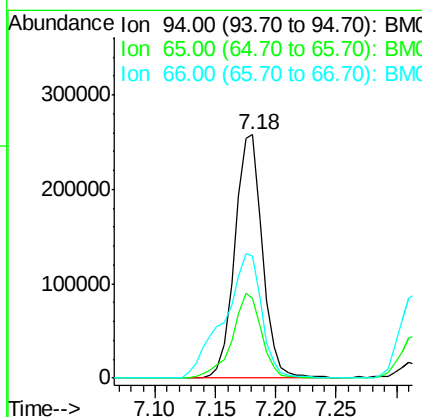
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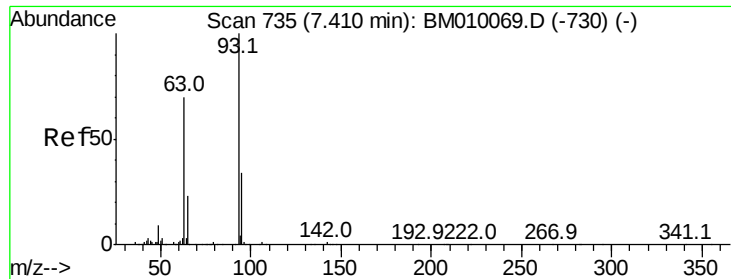
Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion:	94	Resp:	411505
Ion	Ratio	Lower	Upper
94	100		
65	32.7	18.8	58.8
66	49.9	39.9	79.9





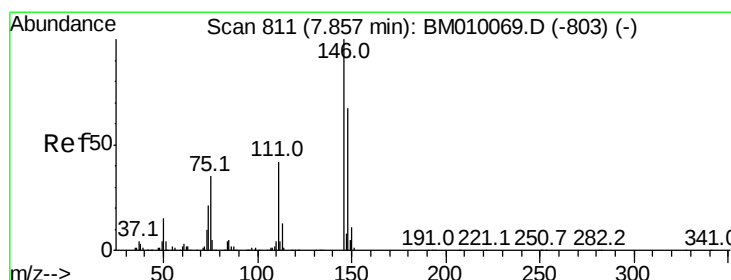
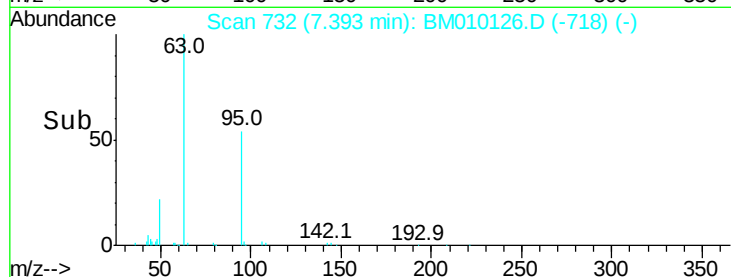
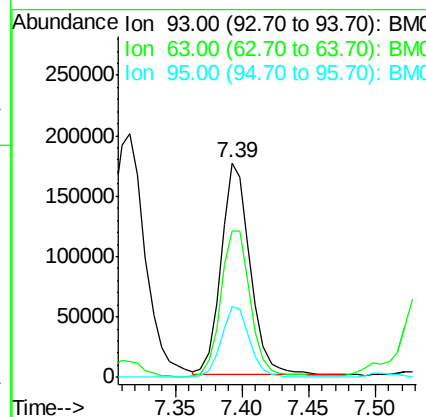
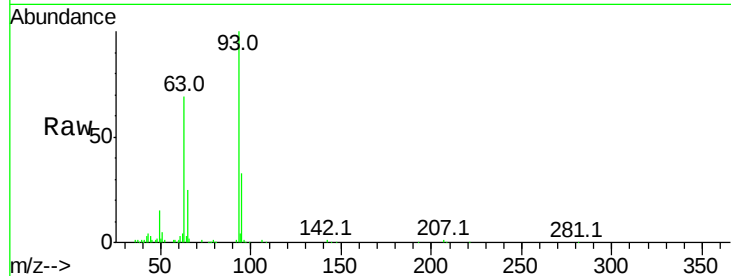
#11
bis(2-Chloroethyl)ether
Concen: 32.08 ng
RT: 7.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	266089		
63	68.5		49.5	89.5
95	32.9		13.5	53.5

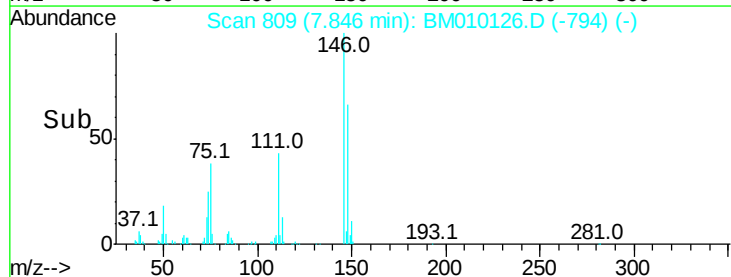
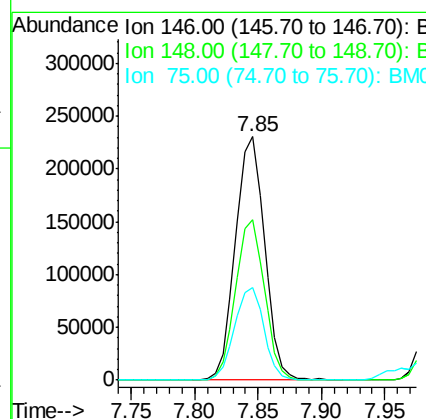
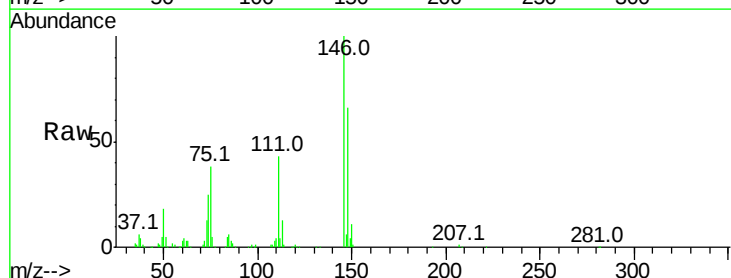
Manual Integrations
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#12
1,3-Dichlorobenzene
Concen: 32.37 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	367292		
148	65.7		50.9	76.3
75	38.3		21.4	32.2





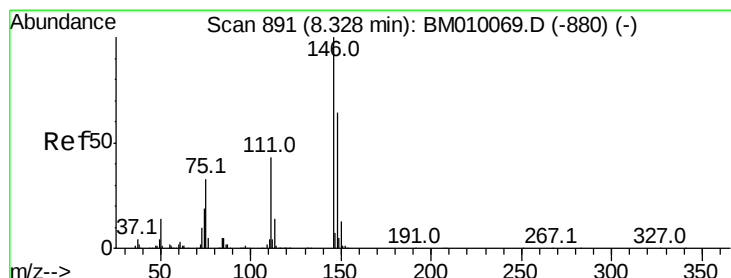
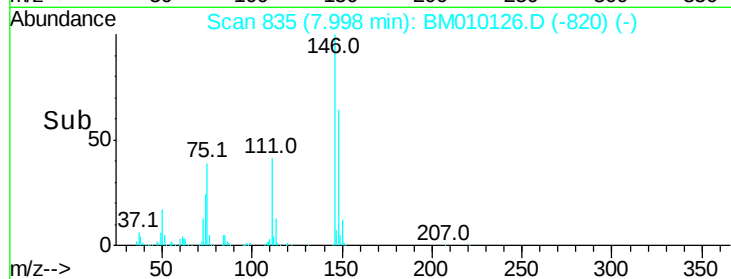
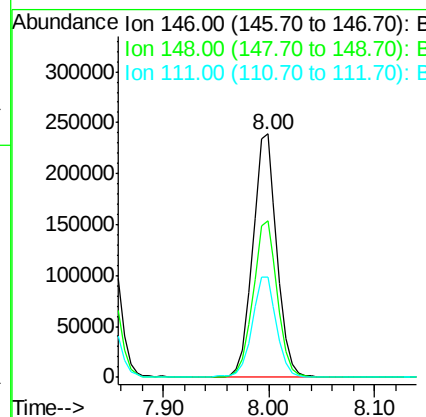
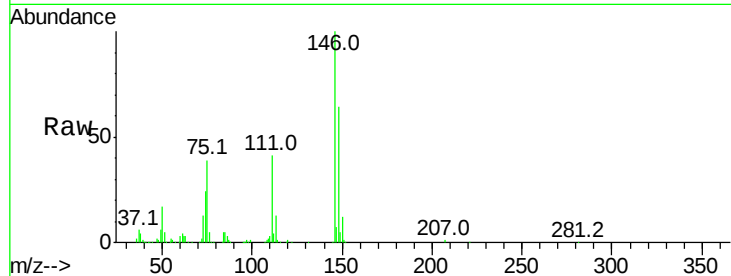
#13
 1,4-Dichlorobenzene
 Concen: 32.57 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Instrument :
 BNA_M
 ClientSampleId :
 EX-21MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.9	77.9
111	41.1	29.2	43.8

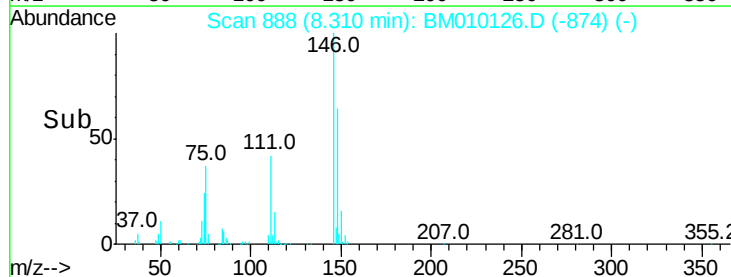
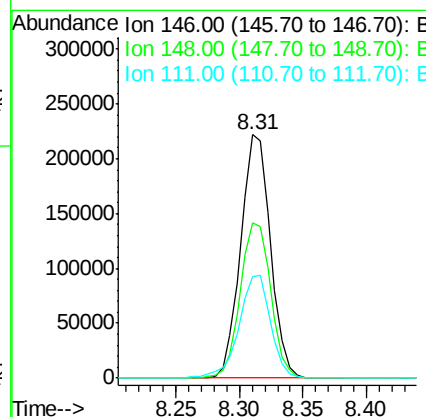
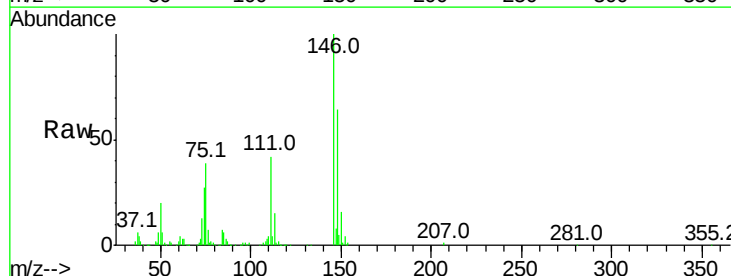
Manual Integrations
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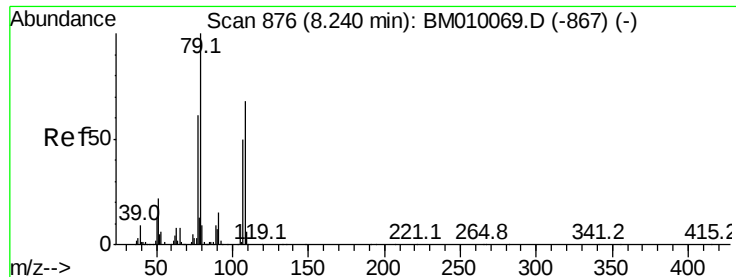
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 32.21 ng
 RT: 8.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.3	78.5
111	41.6	30.6	45.8





#15

Benzyl Alcohol

Concen: 34.59 ng

RT: 8.22 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

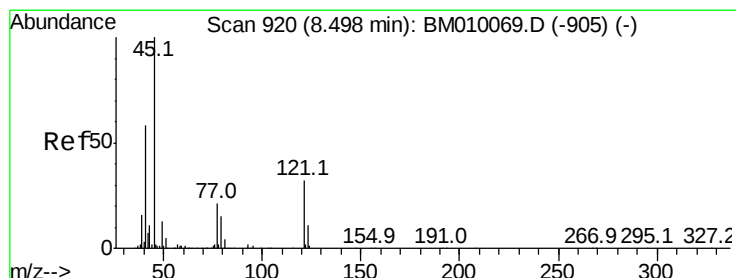
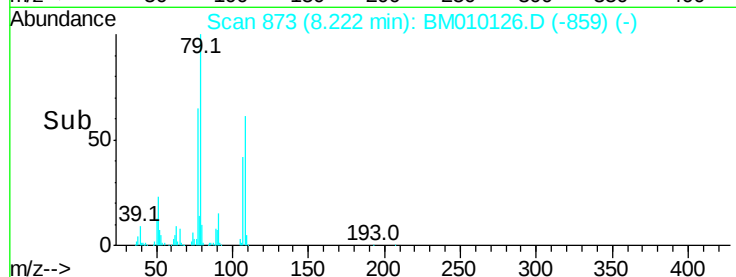
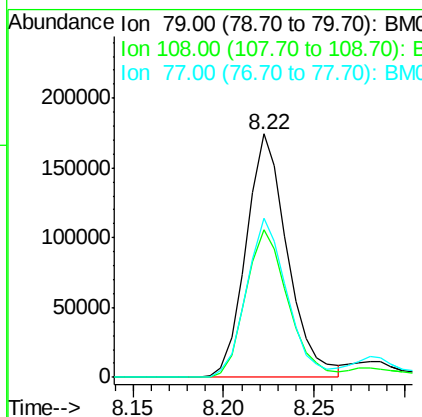
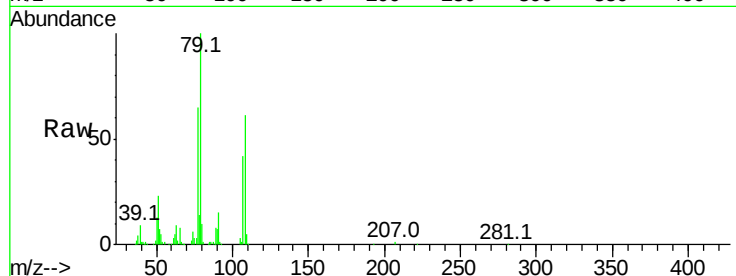
ClientSampleId :

EX-21MS

Tot Ion:	79	Resp:	276358
Ion Ratio	Lower	Upper	
79	100		
108	60.7	65.0	97.4#
77	65.5	53.0	79.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.26 ng

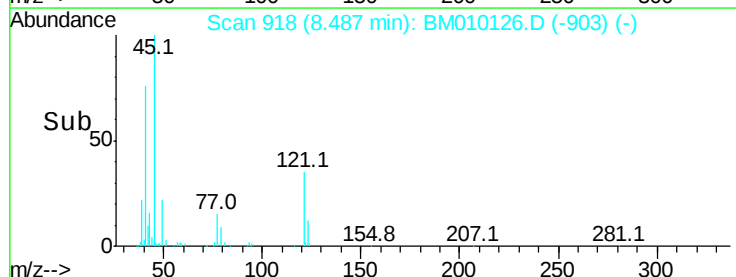
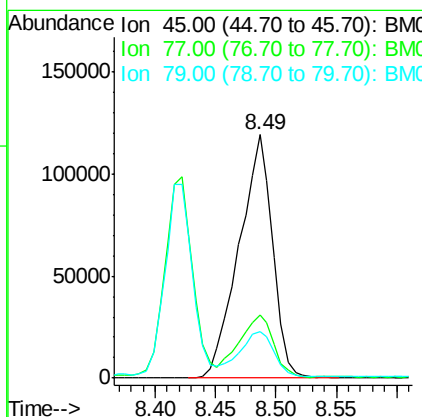
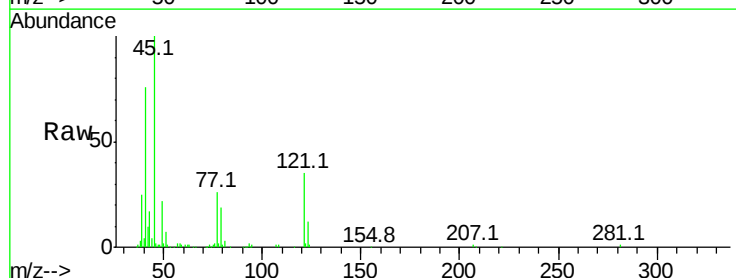
RT: 8.49 min Scan# 918

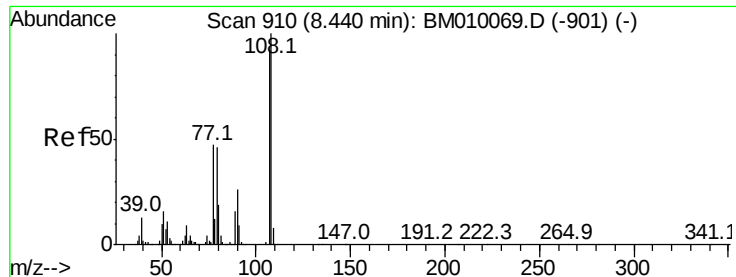
Delta R.T. -0.01 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion:	45	Resp:	230532
Ion Ratio	Lower	Upper	
45	100		
77	25.8	0.0	35.2
79	19.3	0.0	32.0





#17

2-Methylphenol

Concen: 31.93 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

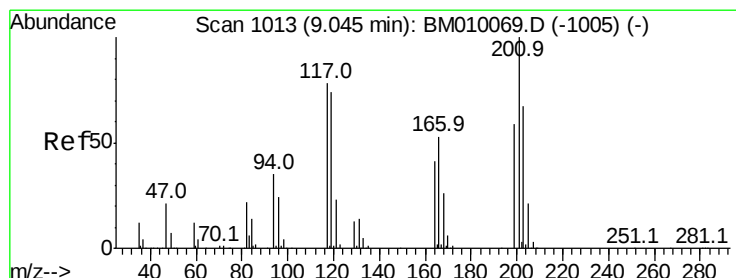
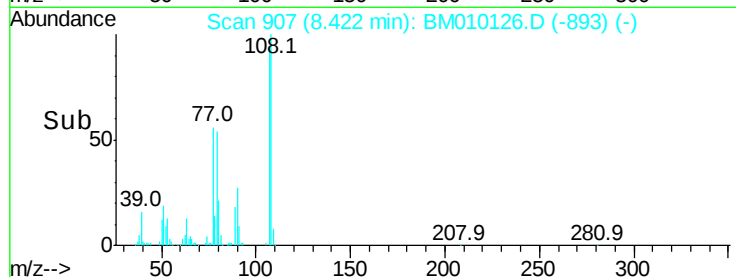
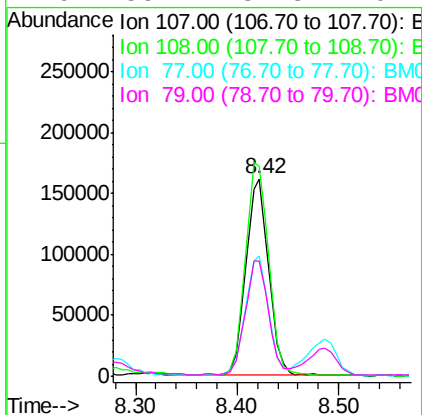
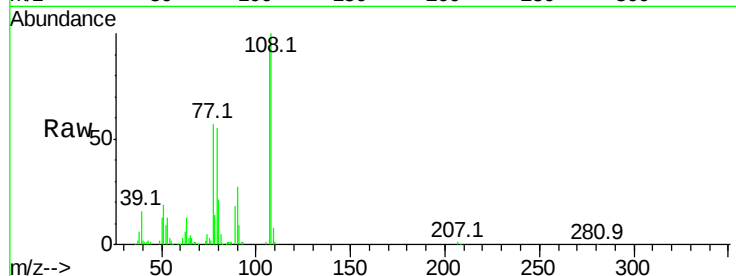
ClientSampled :

EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	252841		
108	106.5	89.8	134.8	
77	60.6	32.6	48.8#	
79	58.4	32.8	49.2#	

Manual Integrations
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#18

Hexachloroethane

Concen: 32.90 ng

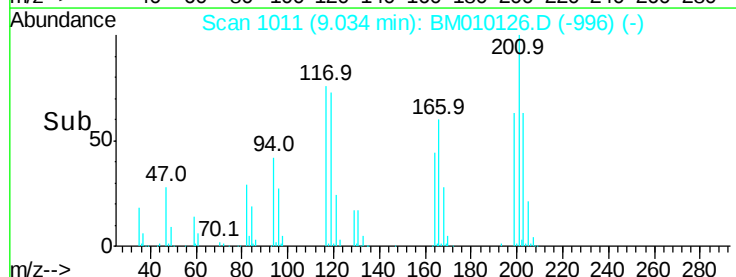
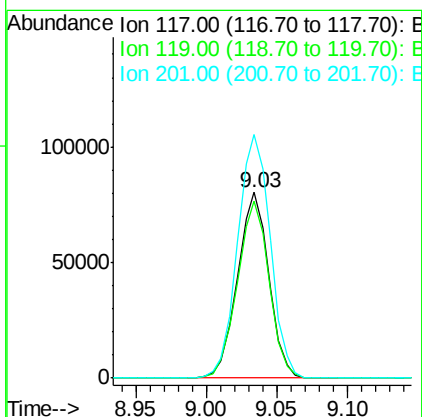
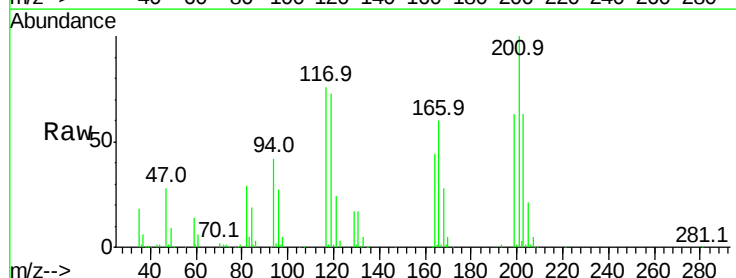
RT: 9.03 min Scan# 1011

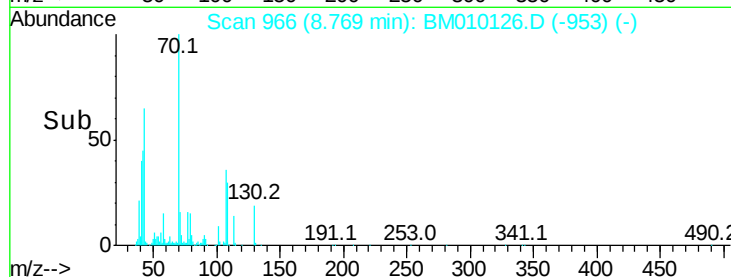
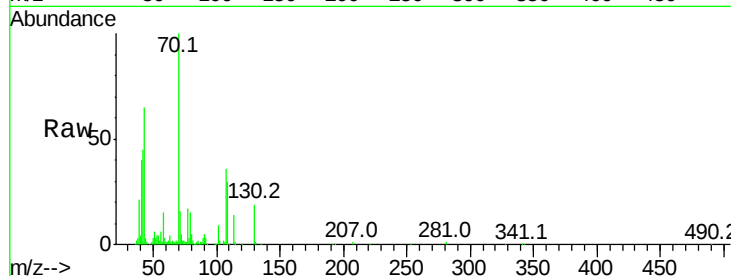
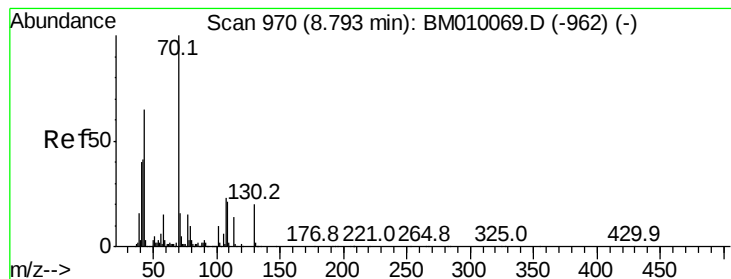
Delta R.T. -0.01 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	124315		
119	95.2	79.2	118.8	
201	131.1	69.8	104.6#	





#19

n-Nitroso-di-n-propylamine

Concen: 33.07 ng

RT: 8.77 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

ClientSampleId :

EX-21MS

Tot Ion: 70 Resp: 246520

Ion Ratio Lower Upper

70 100

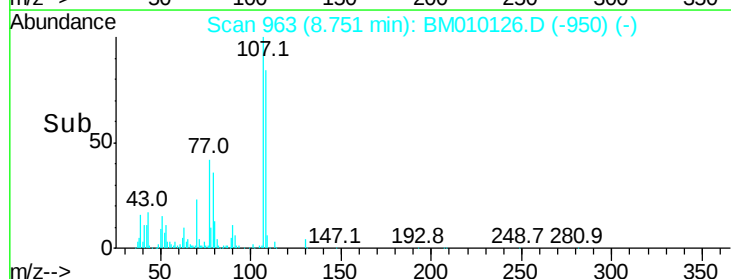
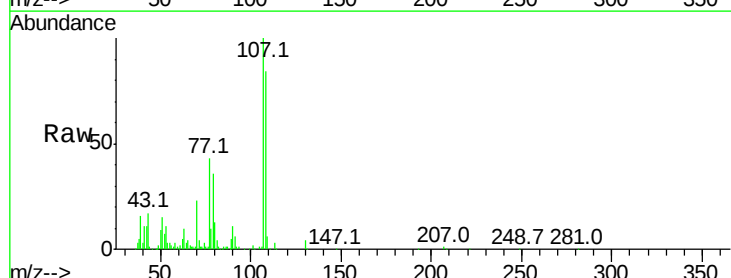
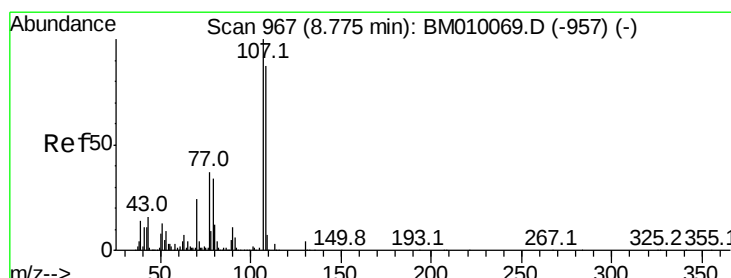
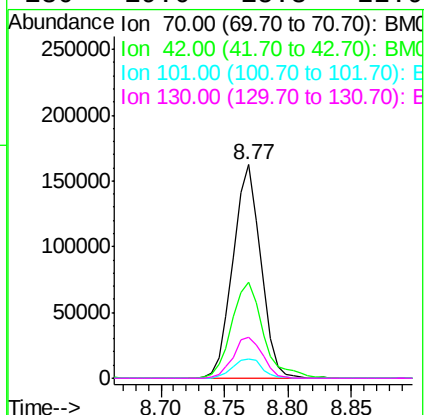
42 45.0 44.5 66.7

101 9.3 7.4 11.2

130 19.0 15.3 22.9

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#20

3+4-Methylphenols

Concen: 32.85 ng

RT: 8.75 min Scan# 963

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion: 107 Resp: 351355

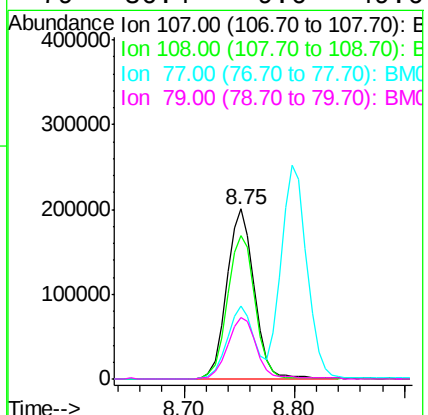
Ion Ratio Lower Upper

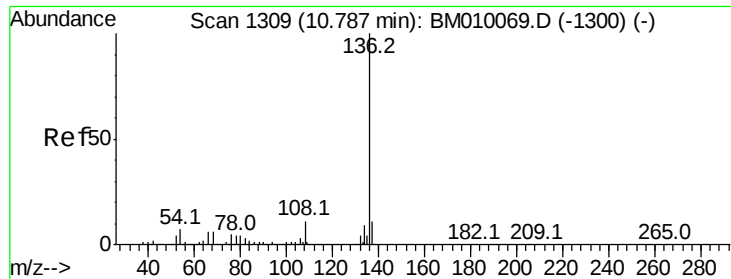
107 100

108 84.4 73.2 113.2

77 42.7 10.7 50.7

79 36.4 9.6 49.6





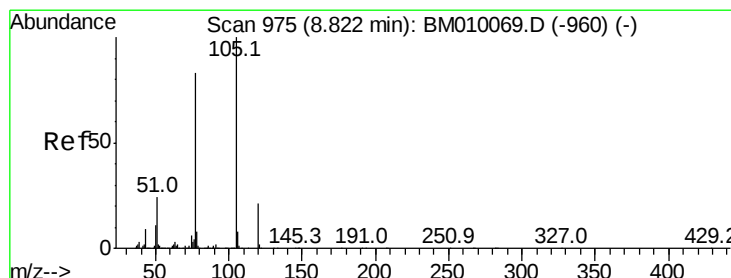
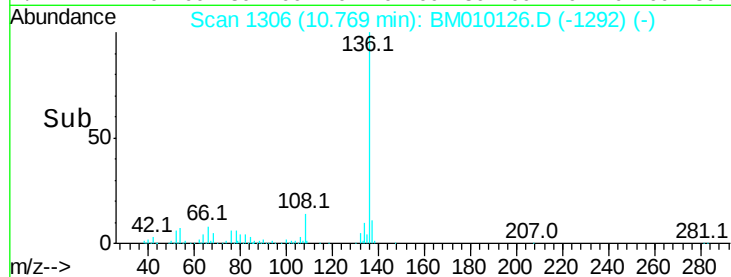
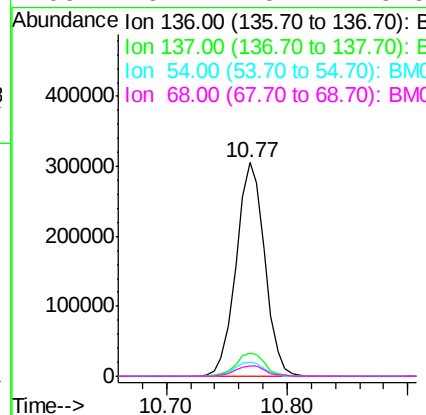
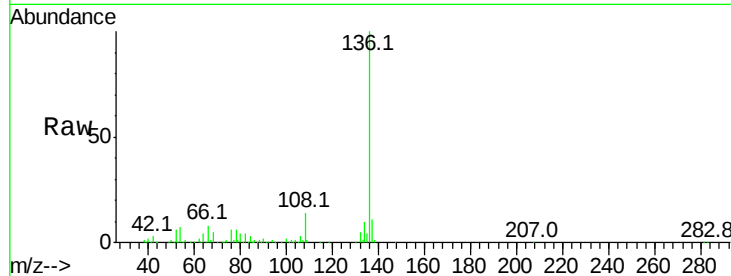
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	501784		
137	10.8		8.7	13.1
54	6.5		4.6	6.8
68	5.1		3.7	5.5

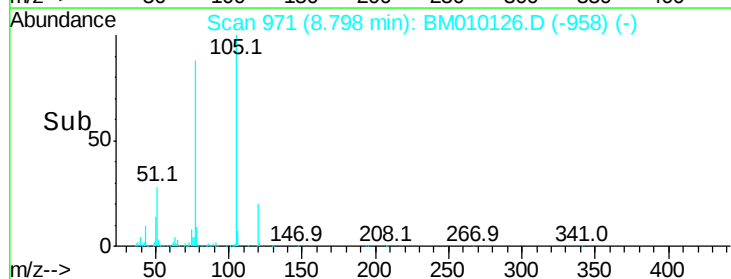
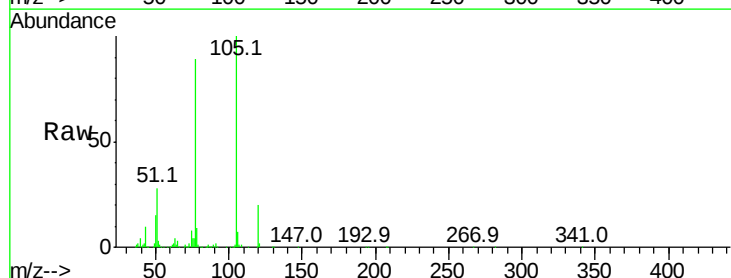
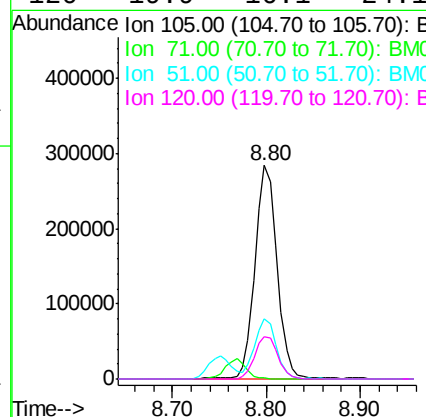
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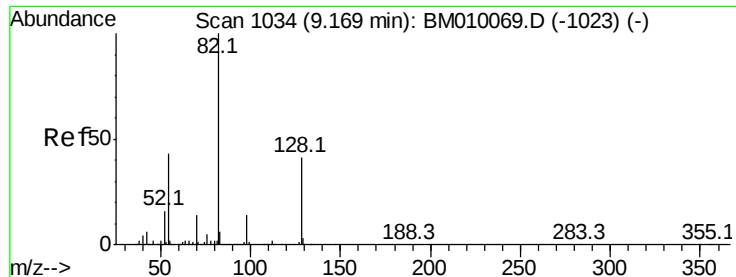
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#22
Acetophenone
Concen: 36.17 ng
RT: 8.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	465212		
71	0.3		0.6	1.0#
51	28.4		21.6	32.4
120	19.9		16.1	24.1





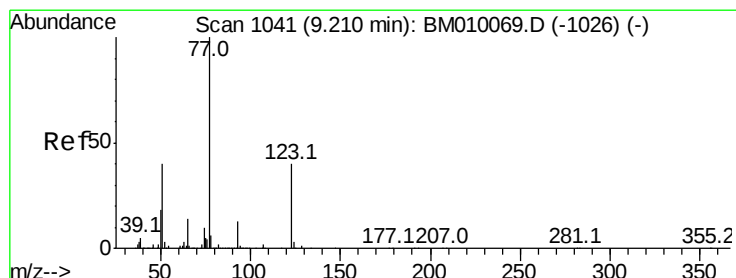
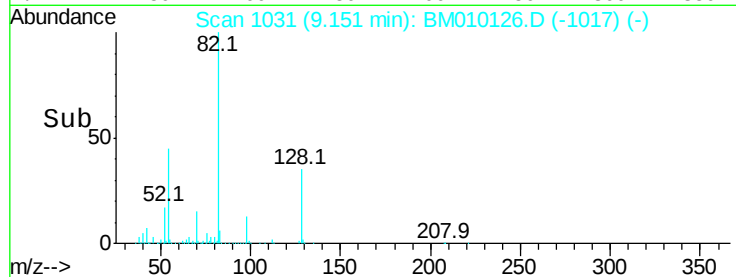
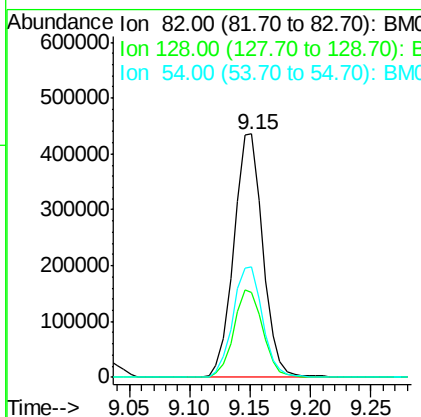
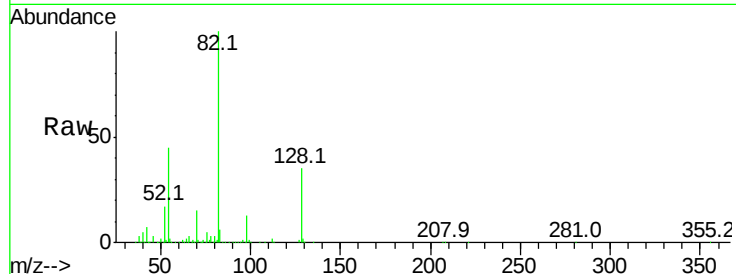
#23
Nitrobenzene-d5
Concen: 78.77 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampled :
EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	35.0	32.8	49.2	
54	45.3	40.6	60.8	

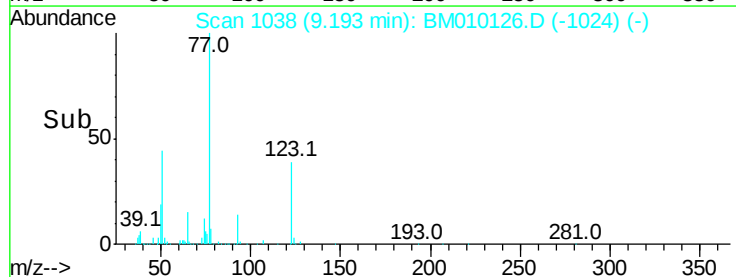
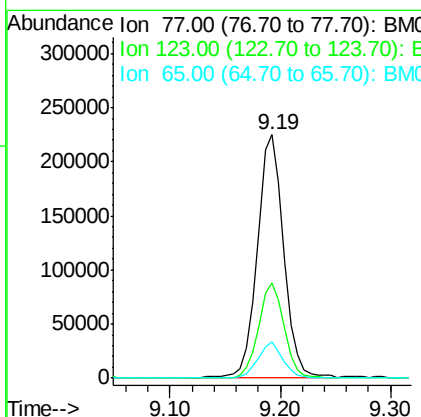
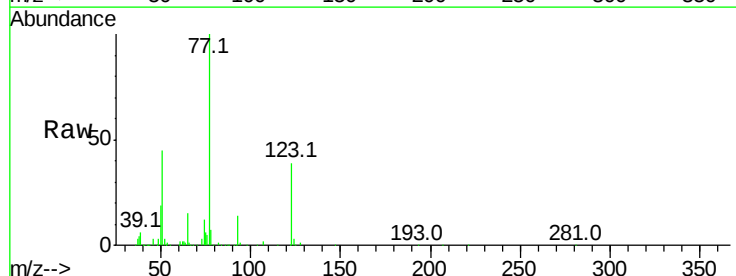
Manual Integrations
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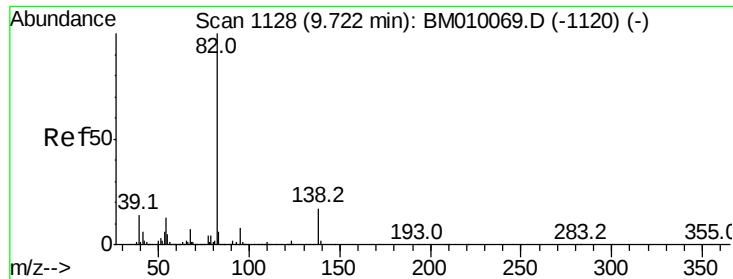
mohammad
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#24
Nitrobenzene
Concen: 39.14 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.1	32.6	49.0	
65	14.7	10.9	16.3	





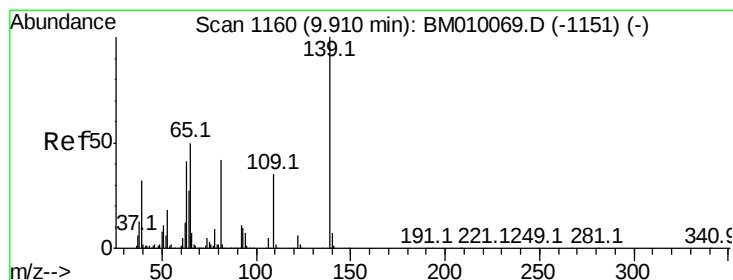
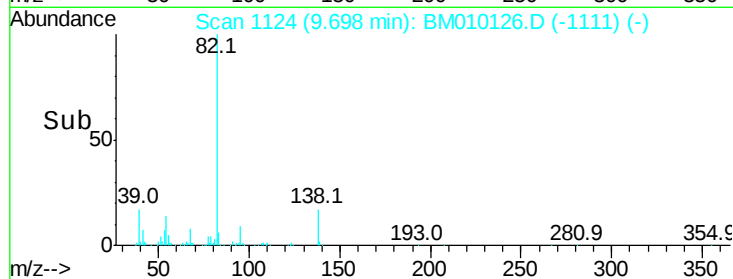
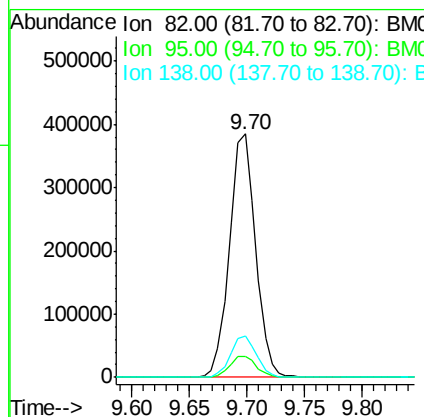
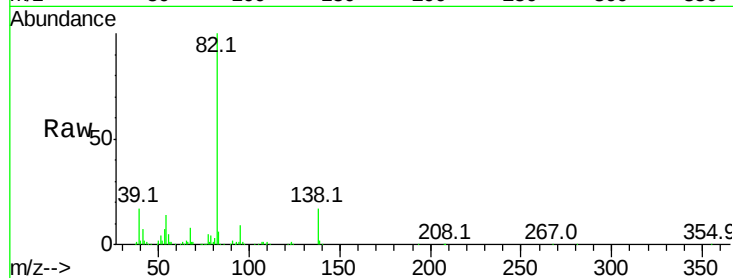
#25
Isophorone
Concen: 37.58 ng
RT: 9.70 min Scan# 1124
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampled :
EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.8	5.8	8.6#	
138	17.2	16.3	24.5	

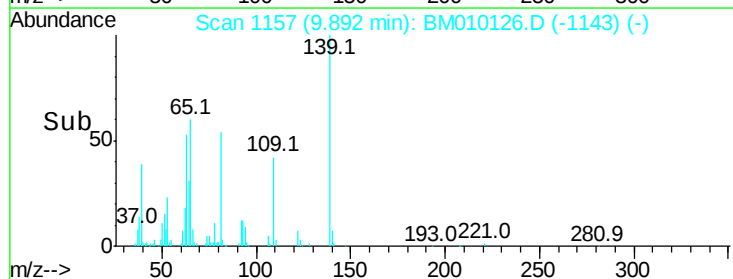
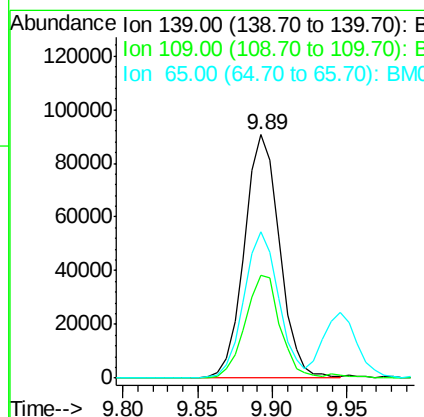
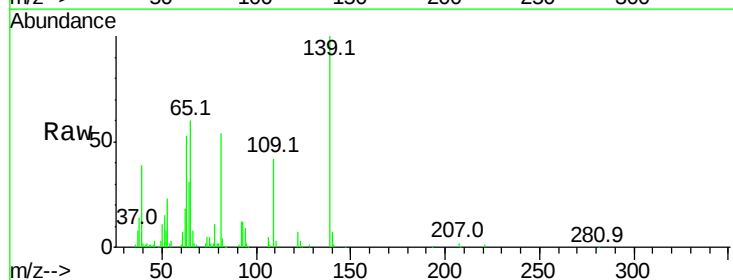
Manual Integrations
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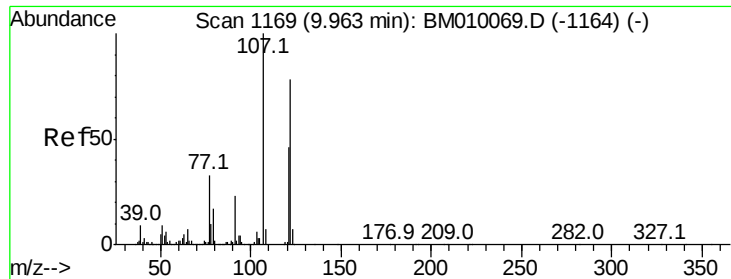
mohammad
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#26
2-Nitrophenol
Concen: 36.56 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	42.4	20.1	30.1#	
65	60.0	31.5	47.3#	





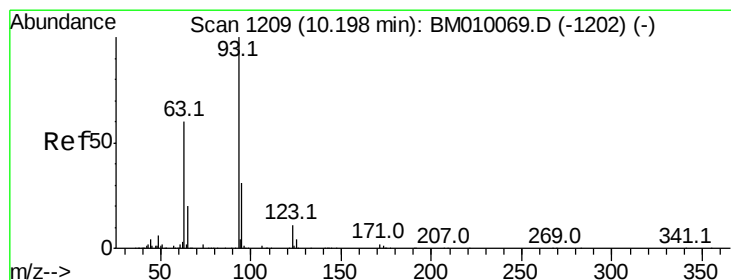
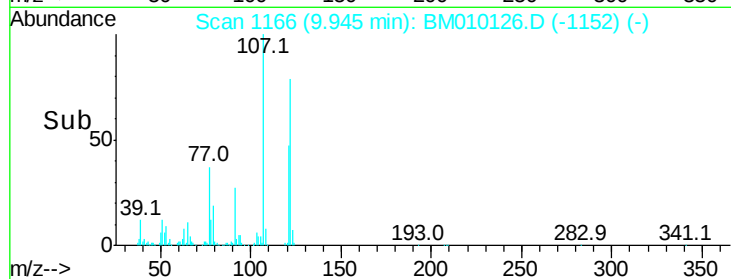
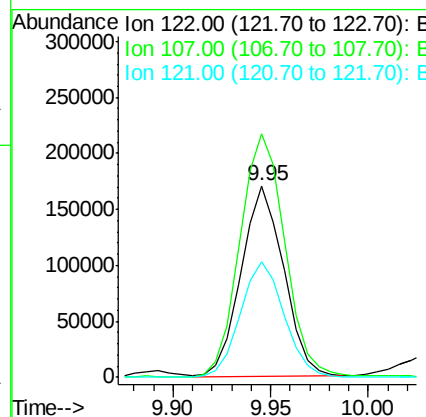
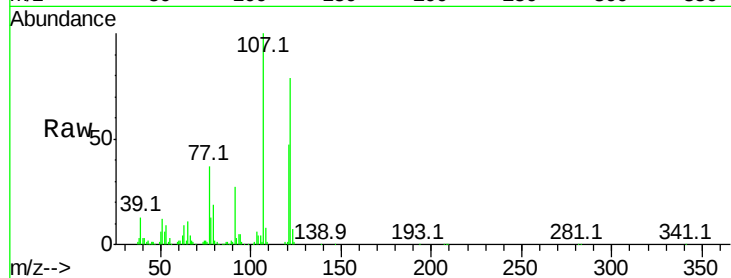
#27
 2,4-Dimethylphenol
 Concen: 35.14 ng
 RT: 9.95 min Scan# 1166
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Instrument :
 BNA_M
 ClientSampleId :
 EX-21MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.4	84.7	127.1#
121	60.4	46.6	69.8

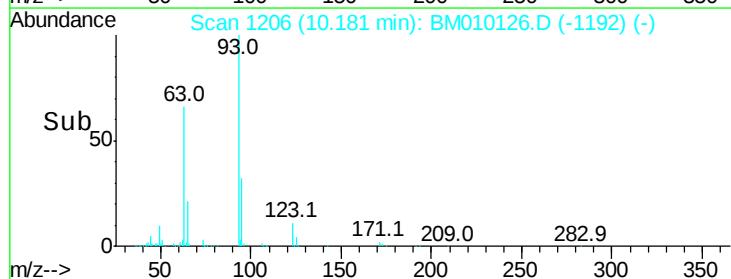
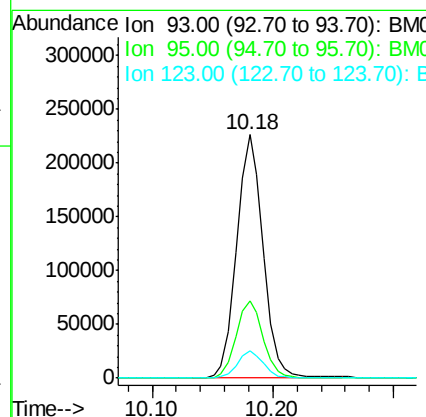
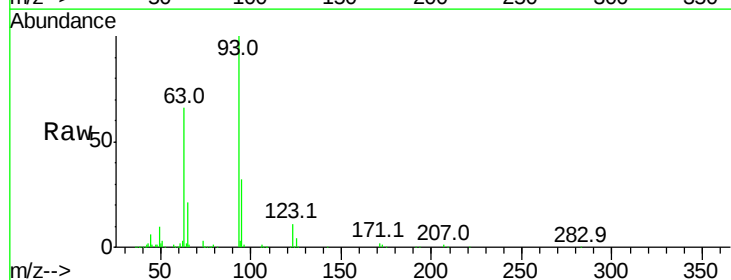
Manual Integrations
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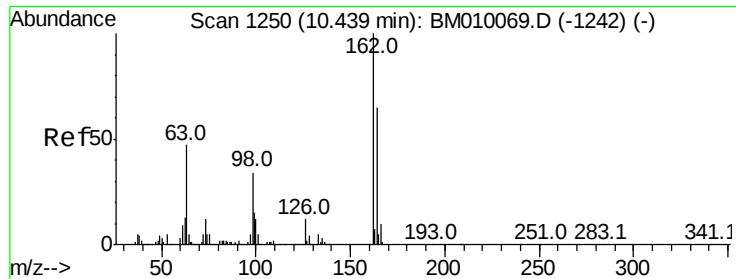
mohammad
 5/23/2017 1:23:32 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.98 ng
 RT: 10.18 min Scan# 1206
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.5	38.3
123	11.0	8.6	13.0





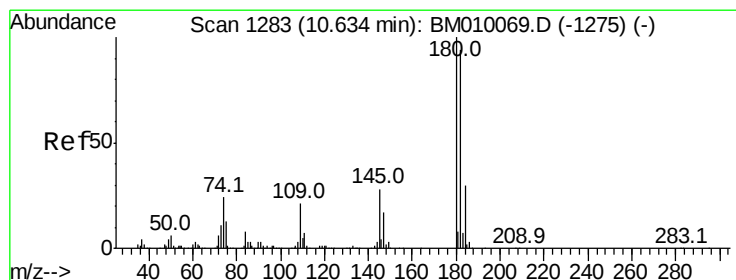
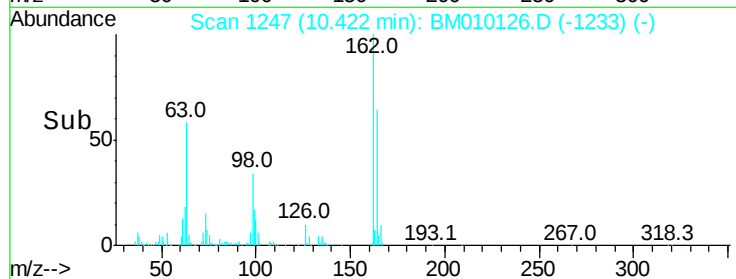
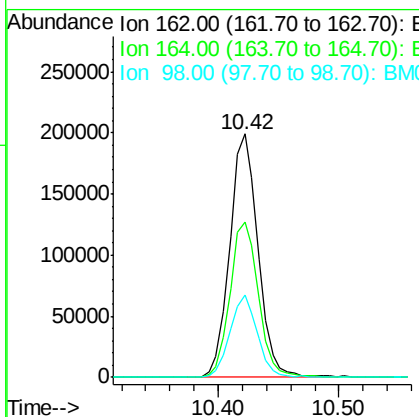
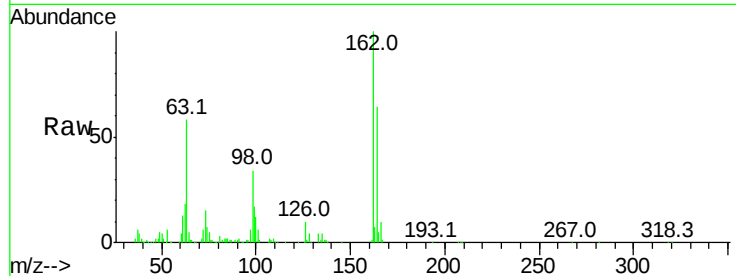
#29
 2,4-Dichlorophenol
 Concen: 38.69 ng
 RT: 10.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Instrument :
 BNA_M
 ClientSampled :
 EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	324818		
164	63.7	42.8	82.8	
98	33.7	14.5	54.5	

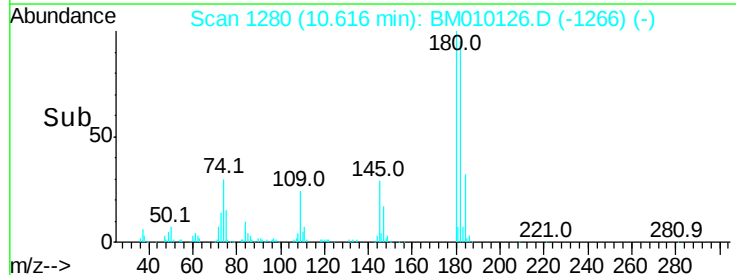
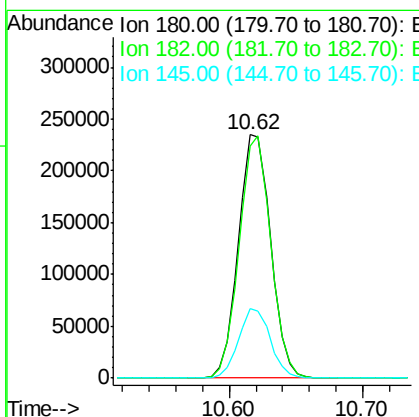
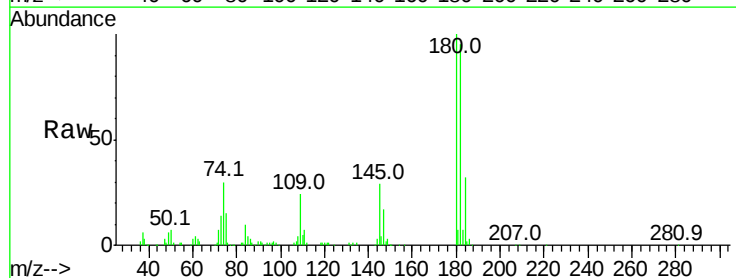
Manual Integrations
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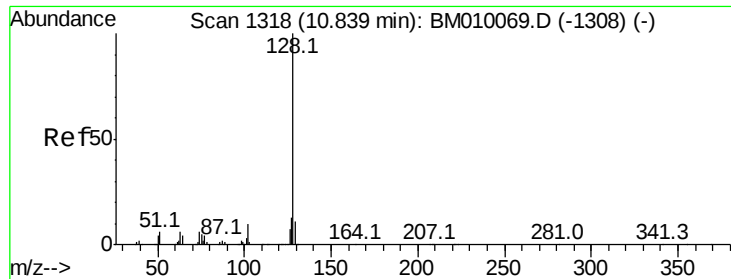
mohammad
 5/23/2017 1:23:32 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.23 ng
 RT: 10.62 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	393553		
182	95.3	77.6	116.4	
145	28.5	23.4	35.2	





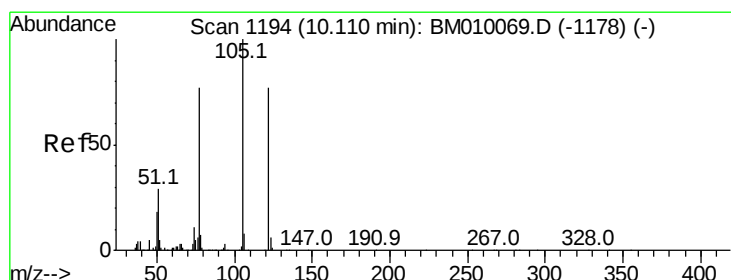
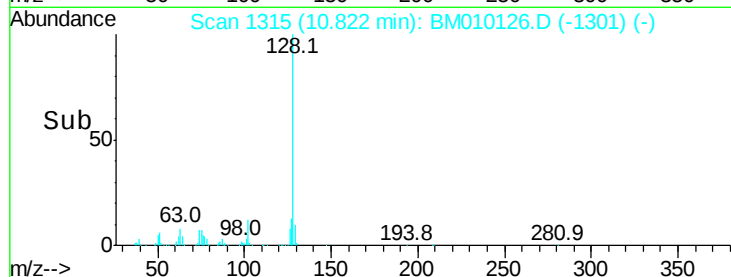
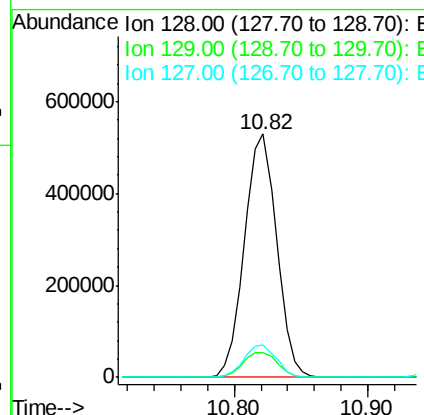
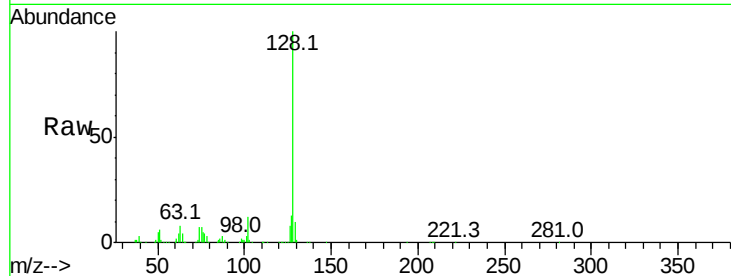
#31
Naphthalene
Concen: 32.96 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	884785		
129	10.2		8.9	13.3
127	13.3		10.4	15.6

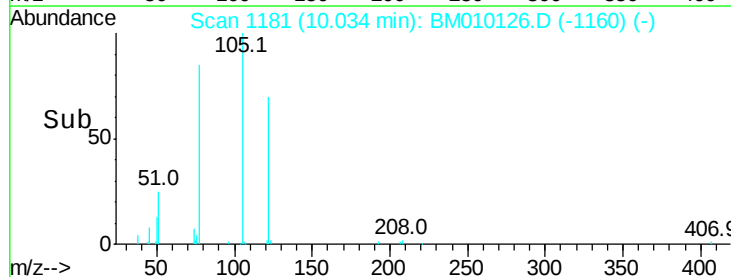
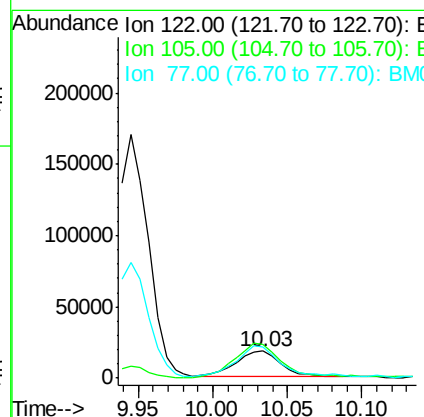
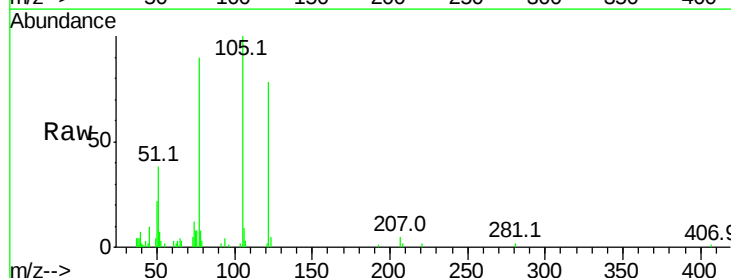
Manual Integrations
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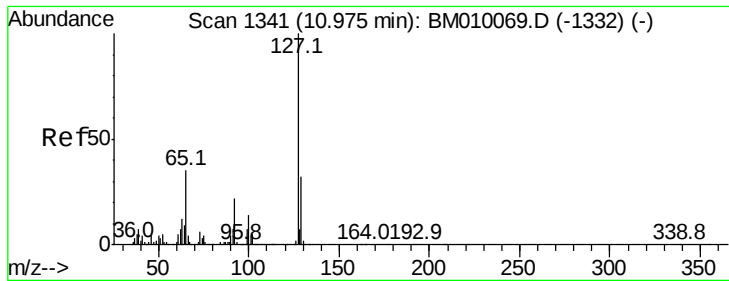
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#32
Benzoic acid
Concen: 7.49 ng
RT: 10.03 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	37232		
105	127.6		99.9	139.9
77	115.0		73.7	113.7#





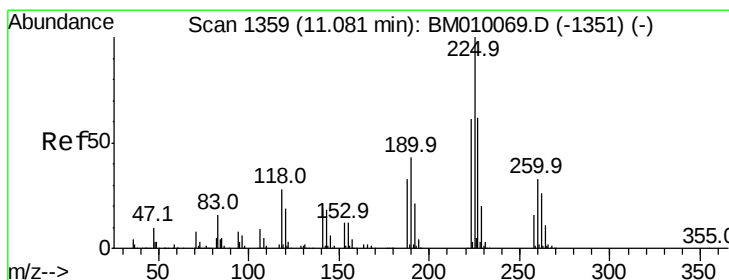
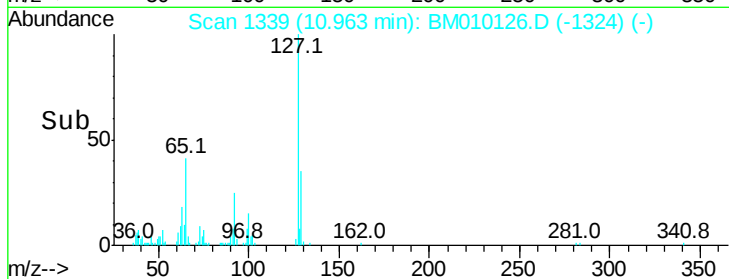
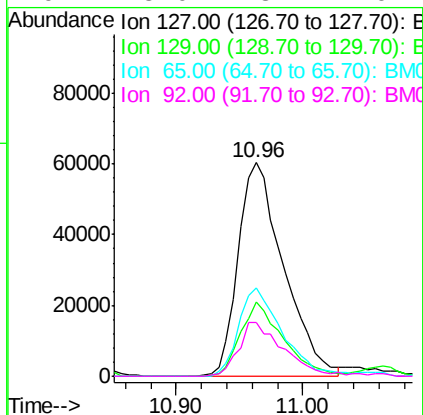
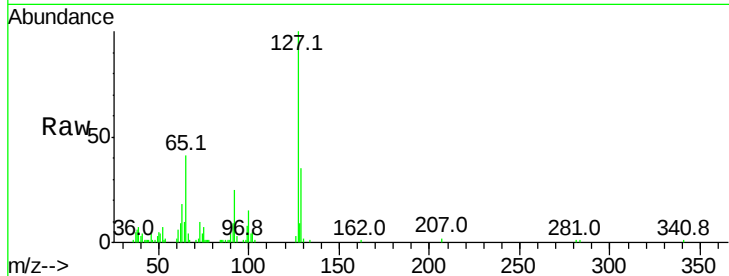
#33
4-Chloroaniline
Concen: 14.53 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.6	25.3	37.9		
65	41.4	17.6	26.4		
92	25.0	13.1	19.7		

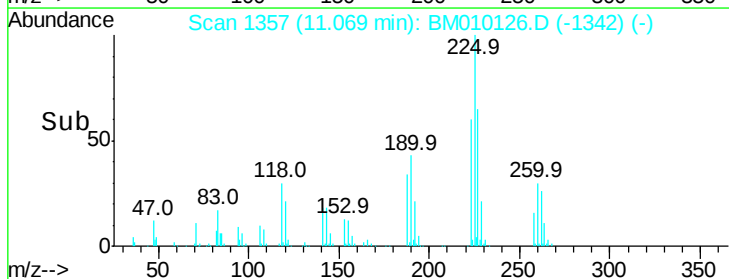
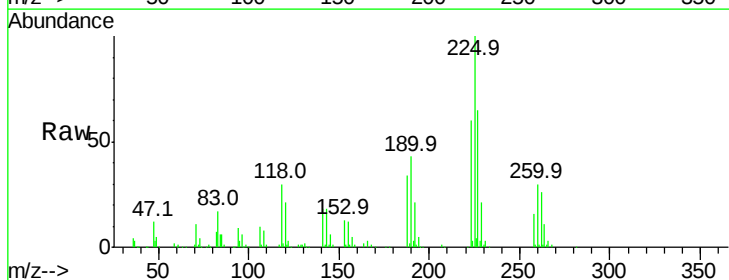
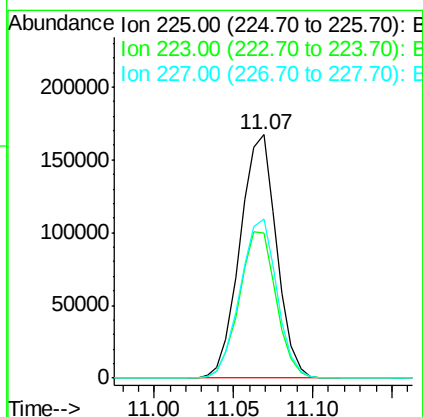
Manual Integrations
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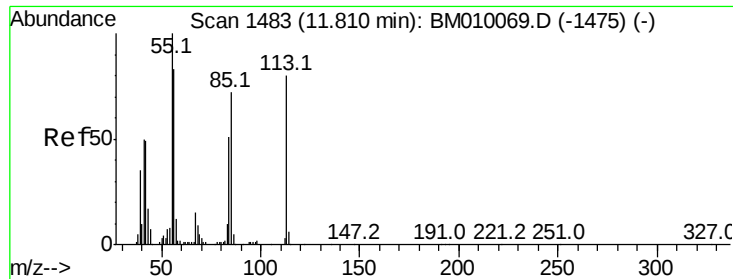
mohammad
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#34
Hexachlorobutadiene
Concen: 36.86 ng
RT: 11.07 min Scan# 1357
Delta R.T. -0.01 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	59.8	47.9	71.9		
227	65.2	50.1	75.1		





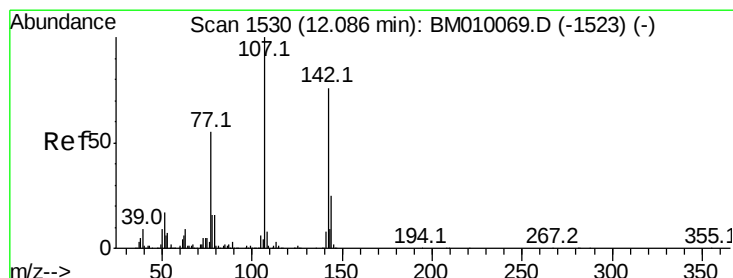
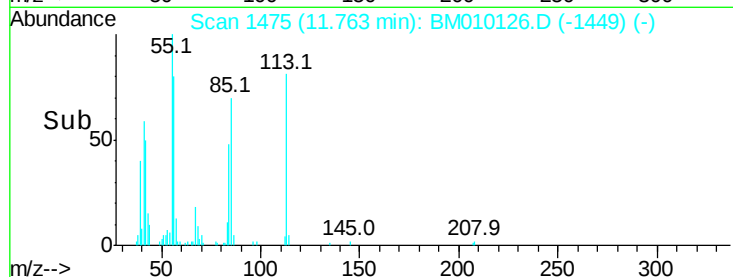
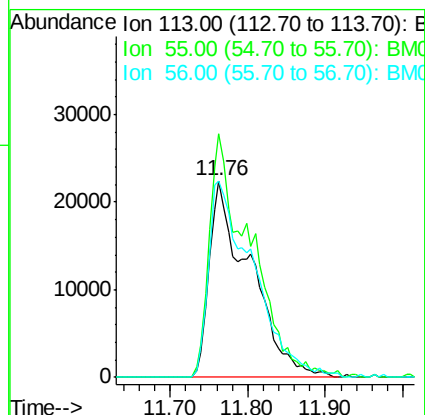
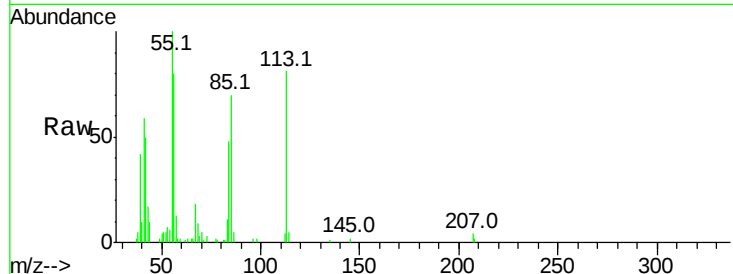
#35
 Caprolactam
 Concen: 33.84 ng/ml
 RT: 11.76 min Scan# 1475
 Delta R.T. -0.05 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Instrument :
 BNA_M
 ClientSampleId :
 EX-21MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	123.8	145.9	185.9#
56	99.5	101.0	141.0#

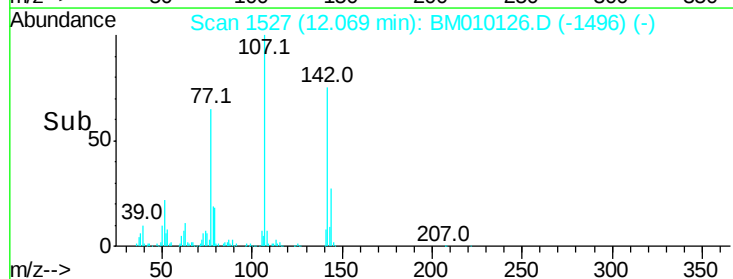
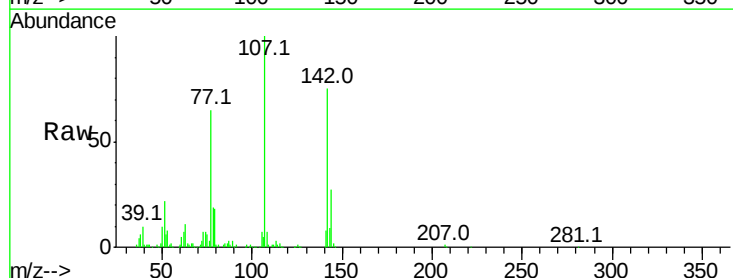
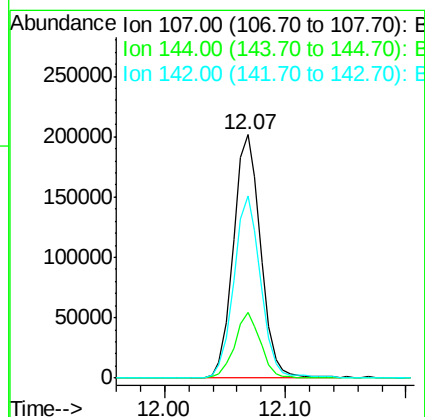
Manual Integrations
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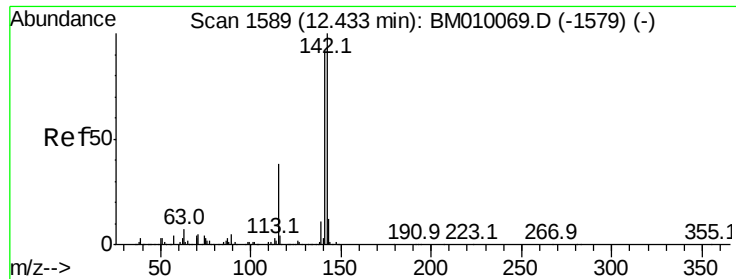
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#36
 4-Chloro-3-methylphenol
 Concen: 35.09 ng/ml
 RT: 12.07 min Scan# 1527
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	23.3	34.9
142	74.6	72.6	109.0





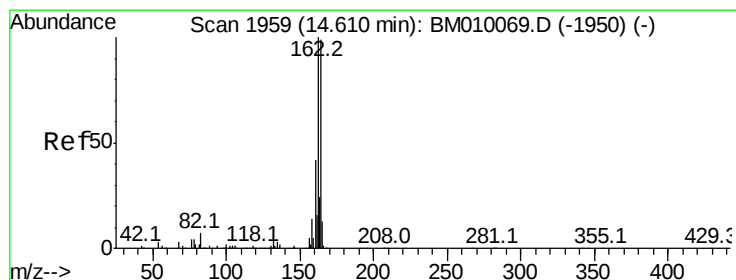
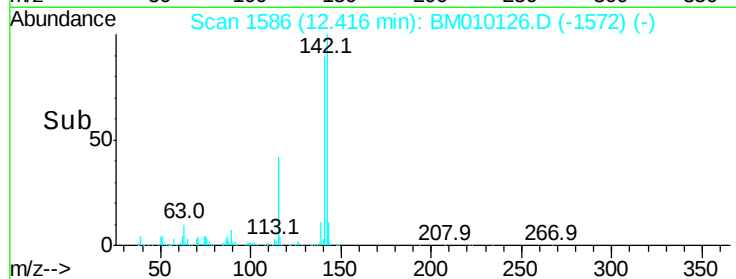
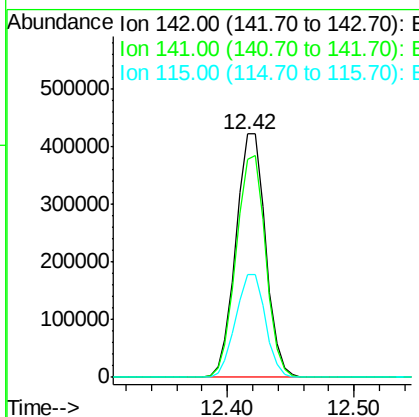
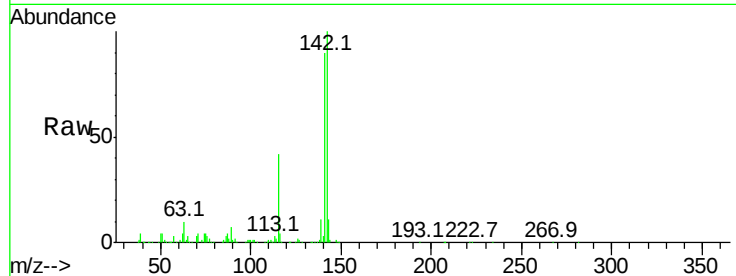
#37
2-Methylnaphthalene
Concen: 35.44 ng
RT: 12.42 min Scan# 1586
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampled :
EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	684928		
141	89.7		71.9	107.9
115	42.4		25.4	38.0#

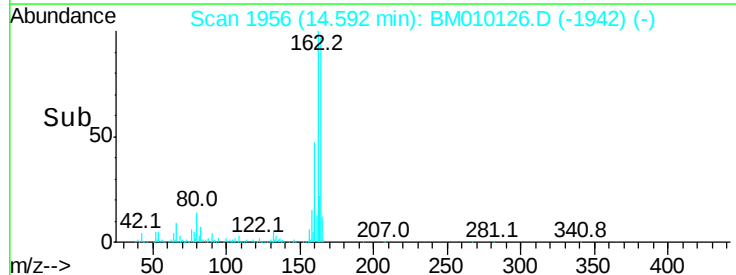
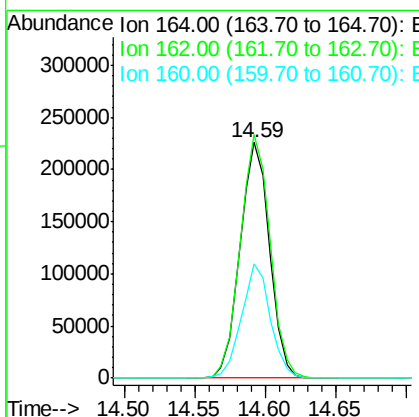
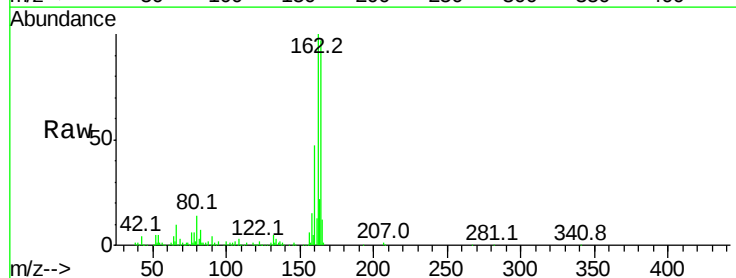
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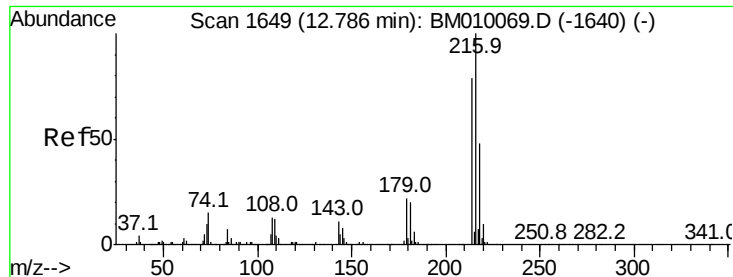
mohammad
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.59 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	330469		
162	103.4		82.4	123.6
160	48.4		35.8	53.6





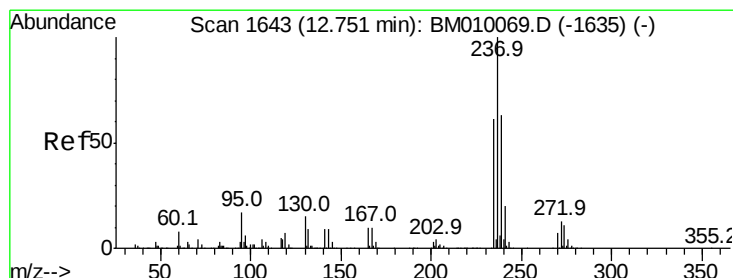
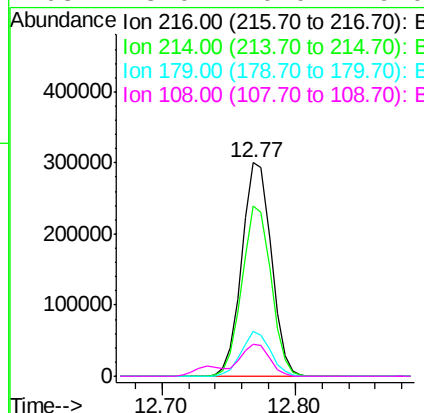
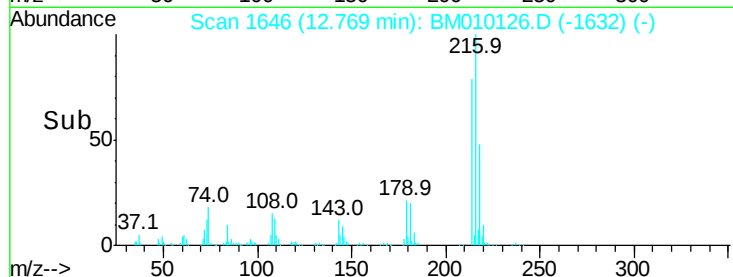
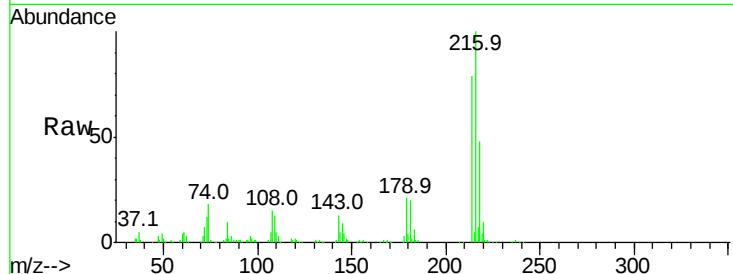
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.17 ng
 RT: 12.77 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Instrument :
 BNA_M
 ClientSampleId :
 EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	459613		
214	78.3	0.0	0.0	0.0
179	20.5	0.0	0.0	0.0
108	15.0	0.0	0.0	0.0

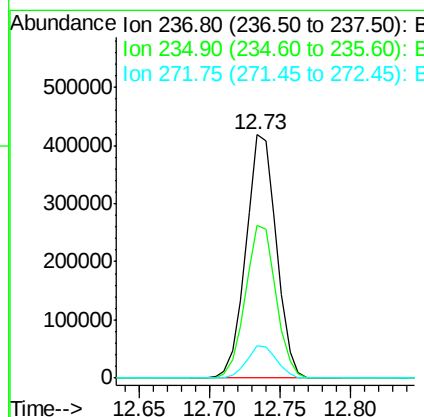
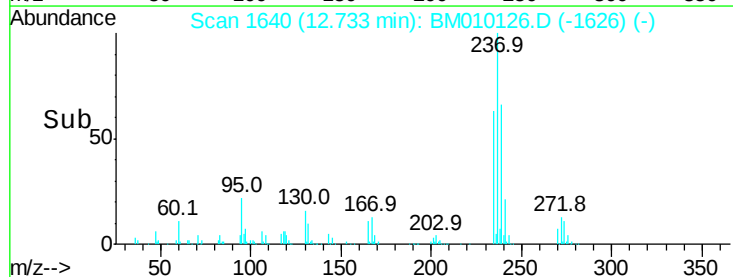
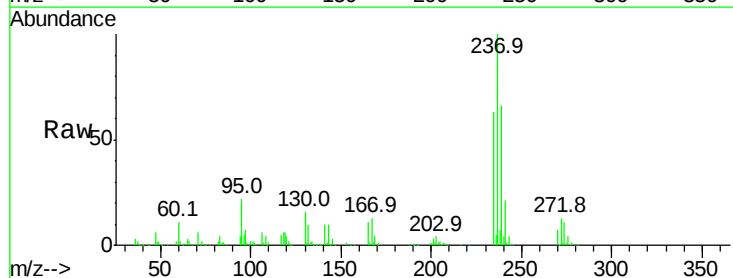
Manual Integrations
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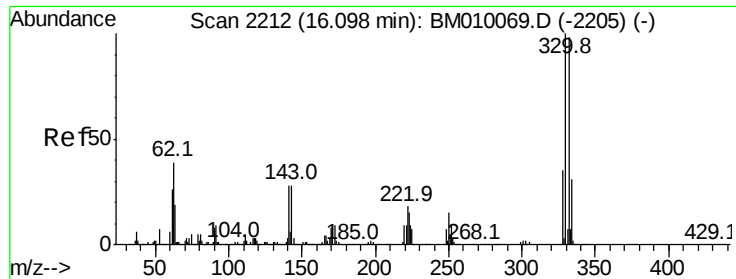
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#40
 Hexachlorocyclopentadiene
 Concen: 86.16 ng
 RT: 12.73 min Scan# 1640
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	632176		
235	62.8	42.0	82.0	
272	13.2	0.0	33.4	





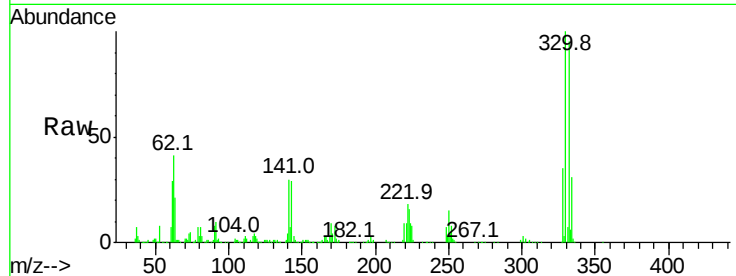
#41
 2,4,6-Tribromophenol
 Concen: 114.79 ng
 RT: 16.09 min Scan# 2210
 Delta R.T. -0.01 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Instrument :
 BNA_M
 ClientSampled :
 EX-21MS

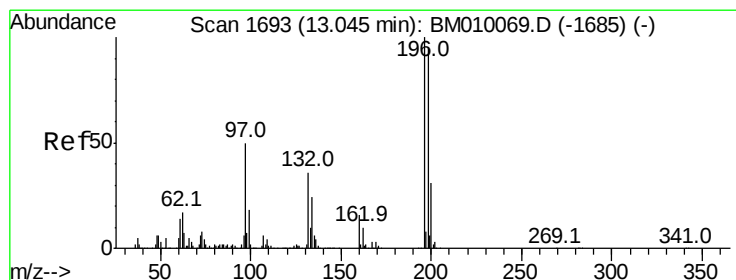
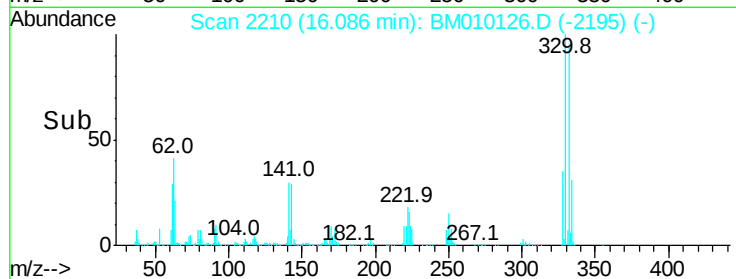
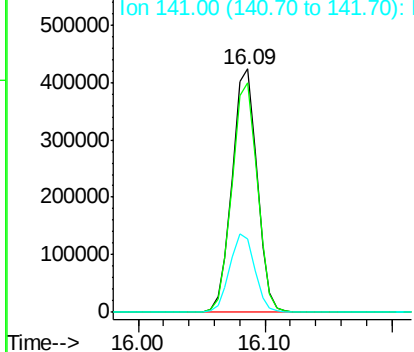
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	32.6	0.0	0.0#

Manual Integrations
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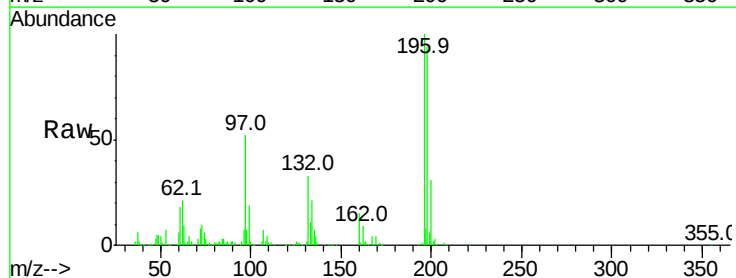


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

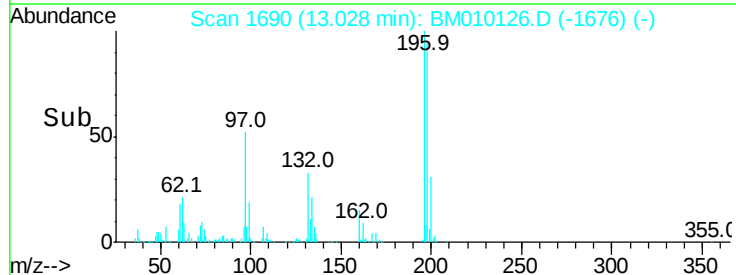
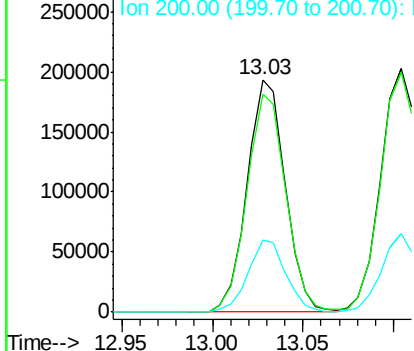


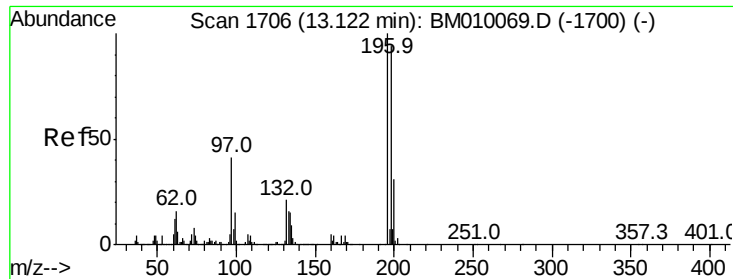
#42
 2,4,6-Trichlorophenol
 Concen: 37.87 ng
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	93.8	76.3	114.5
200	30.9	25.6	38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





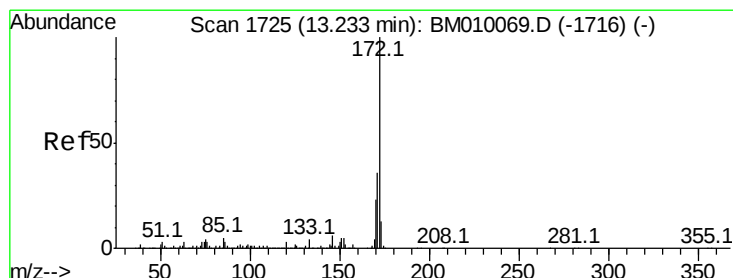
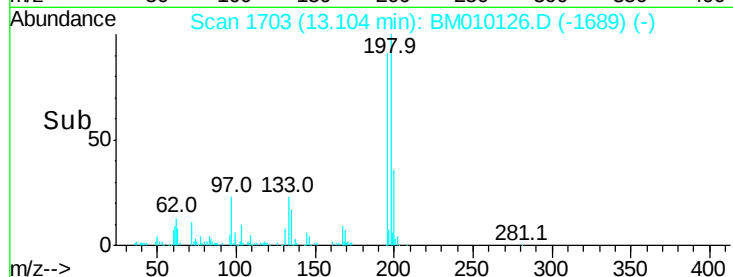
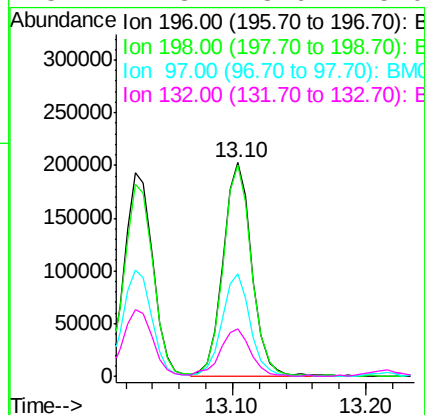
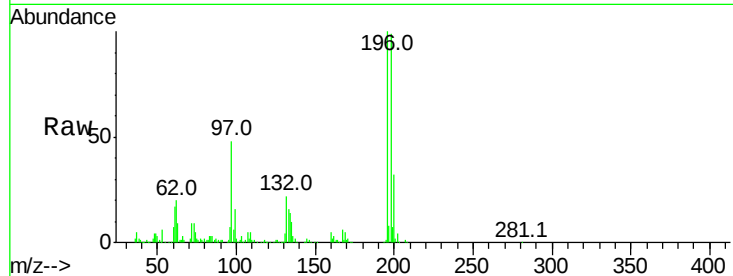
#43
2,4,5-Trichlorophenol
Concen: 36.75 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	303993		
198	98.6	79.4	119.0	
97	47.7	26.8	40.2	
132	22.3	18.6	28.0	

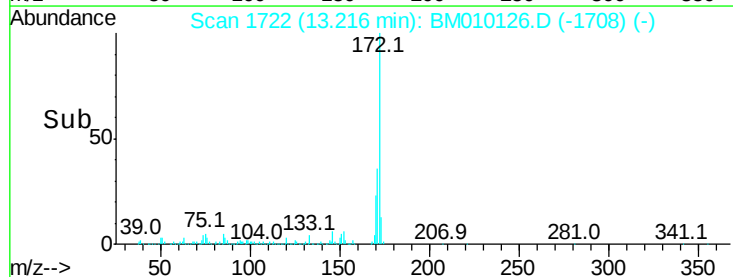
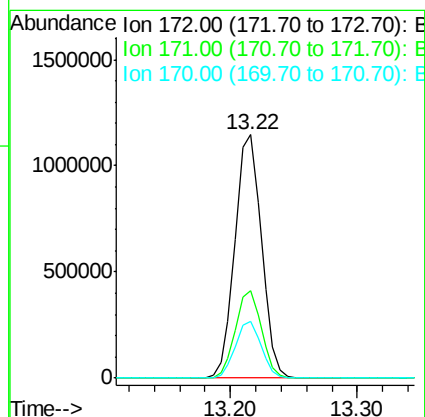
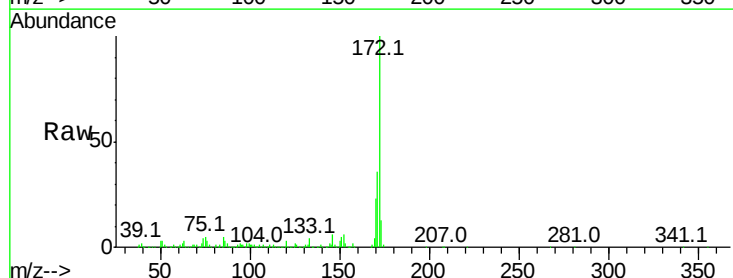
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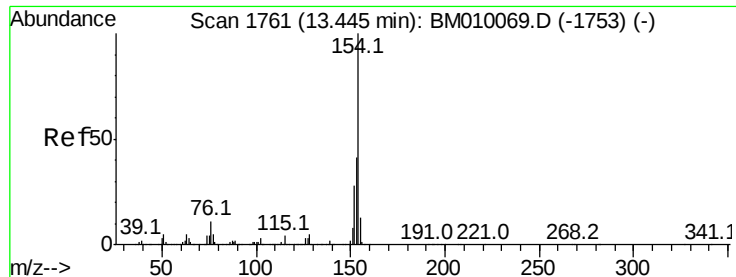
mohammad
5/23/2017 1:23:32 PM



#44
2-Fluorobiphenyl
Concen: 64.25 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1651685		
171	35.8	28.5	42.7	
170	23.3	18.8	28.2	





#45

1,1'-Biphenyl

Concen: 34.97 ng

RT: 13.43 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

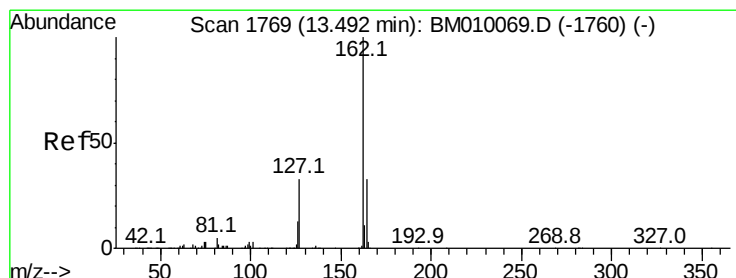
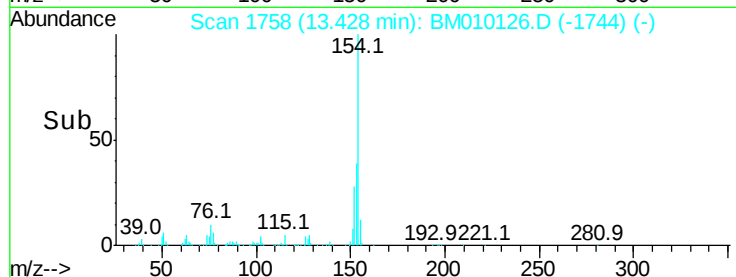
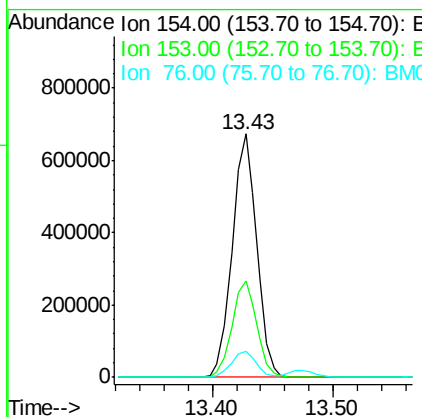
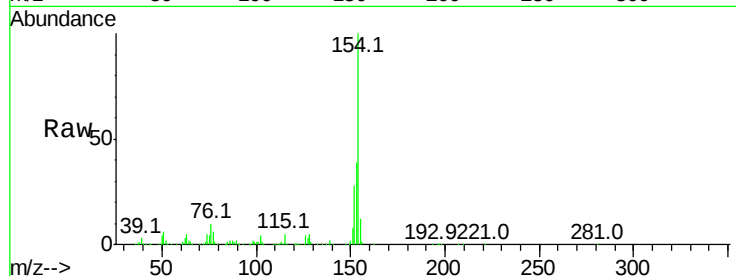
ClientSampleId :

EX-21MS

Tot Ion:	154	Resp:	950492
Ion Ratio	Lower	Upper	
154	100		
153	39.4	20.7	60.7
76	10.5	0.0	30.9

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#46

2-Chloronaphthalene

Concen: 34.05 ng

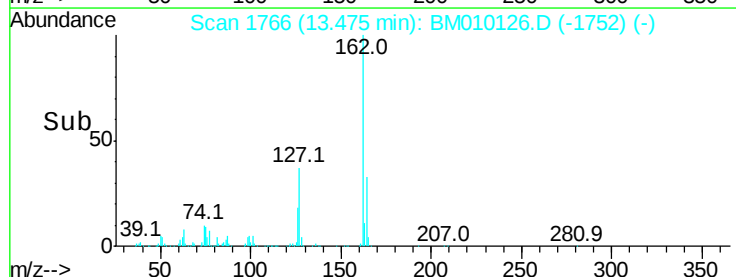
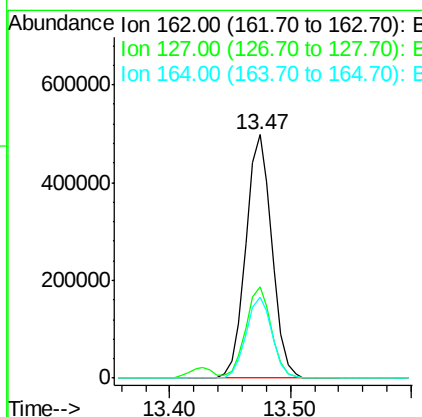
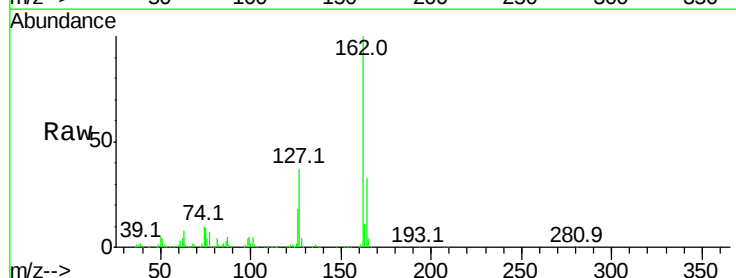
RT: 13.47 min Scan# 1766

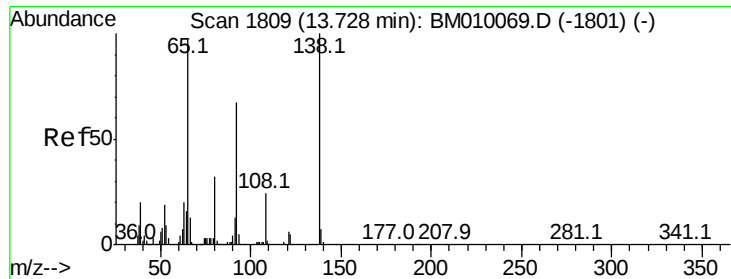
Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion:	162	Resp:	749138
Ion Ratio	Lower	Upper	
162	100		
127	37.5	26.9	40.3
164	33.3	26.8	40.2





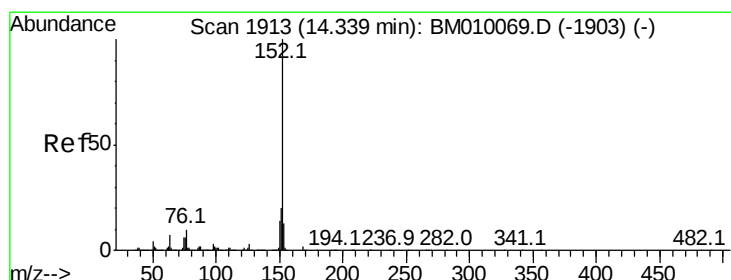
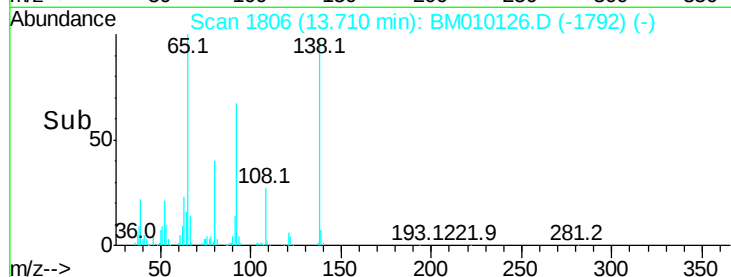
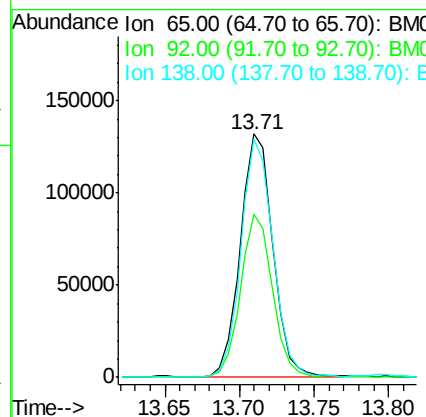
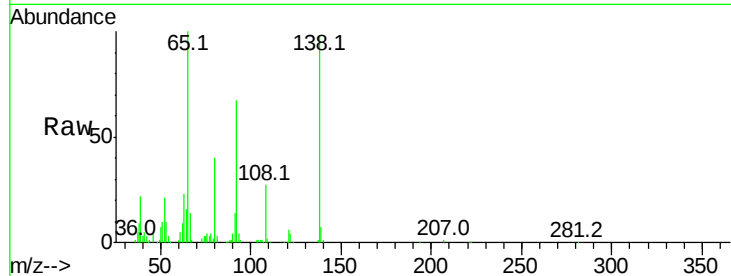
#47
2-Nitroaniline
Concen: 35.43 ng
RT: 13.71 min Scan# 1806
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.2	59.1	88.7
138	97.9	93.9	140.9

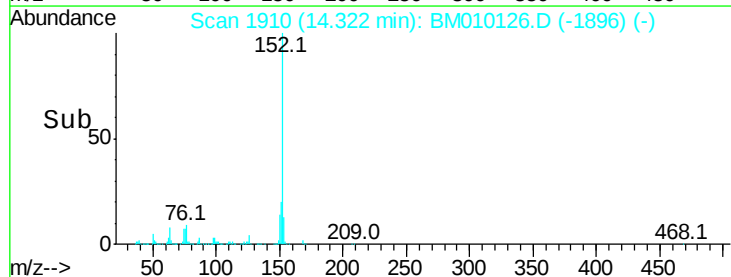
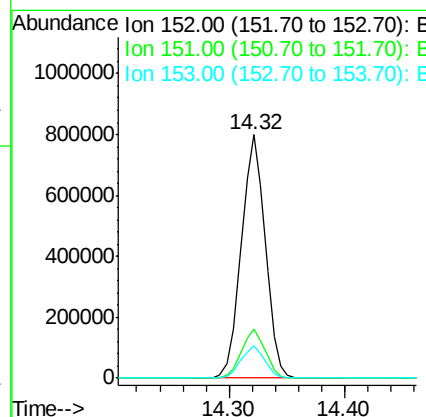
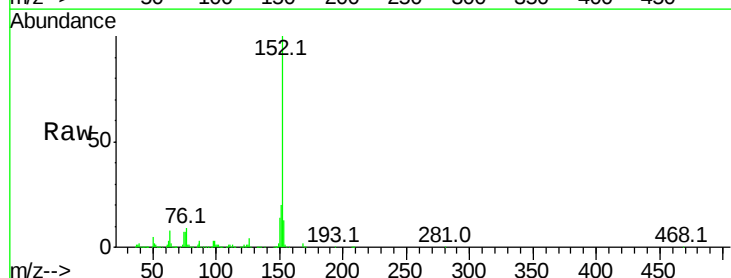
Manual Integrations
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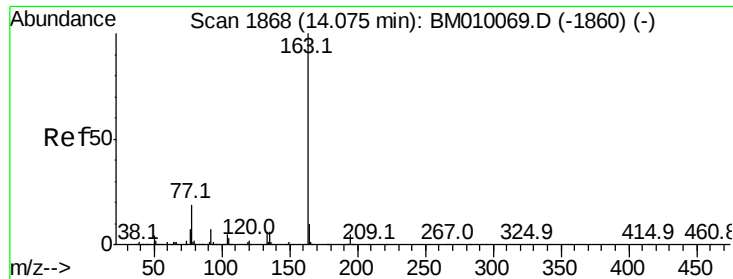
mohammad
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#48
Acenaphthylene
Concen: 35.31 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.5	10.6	16.0





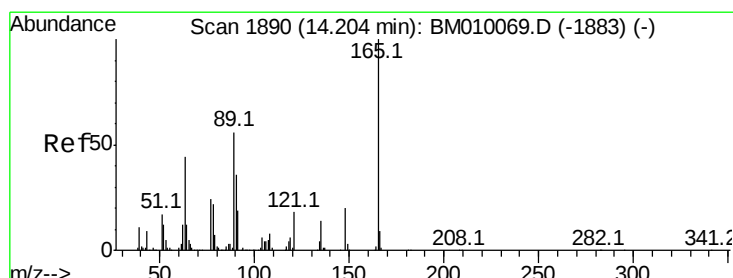
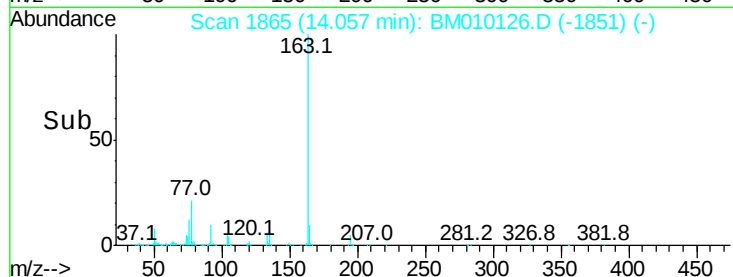
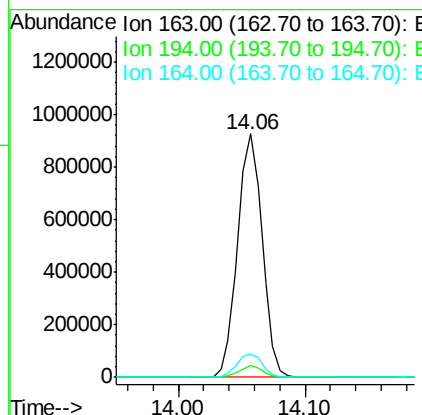
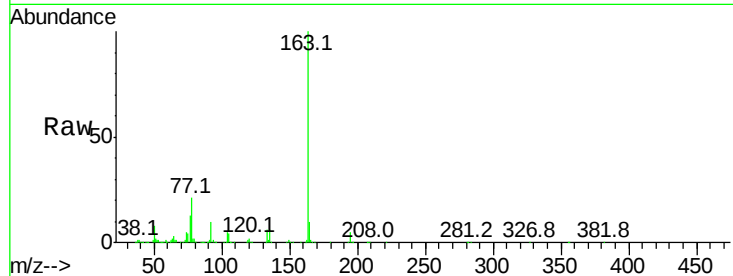
#49
Dimethylphthalate
Concen: 42.16 ng
RT: 14.06 min Scan# 1865
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.8	2.7	4.1#
164	9.8	8.2	12.2

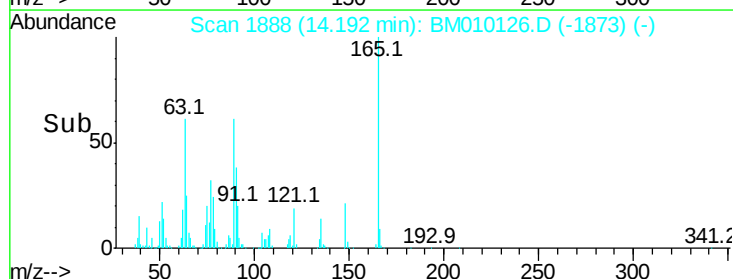
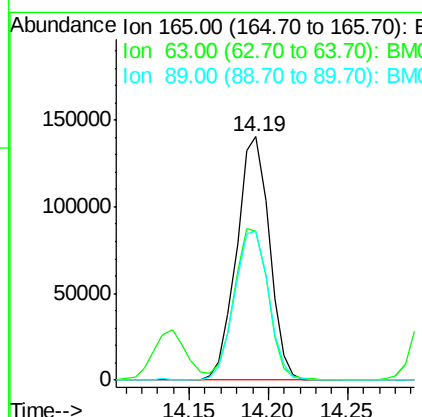
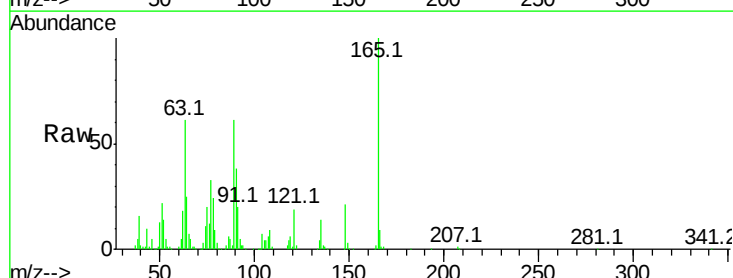
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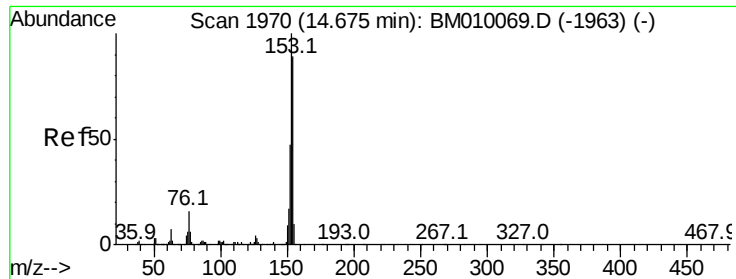
mohammad
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#50
2,6-Dinitrotoluene
Concen: 35.95 ng
RT: 14.19 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.0	44.1	66.1
89	60.9	44.3	66.5





#51

Acenaphthene

Concen: 34.92 ng

RT: 14.66 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

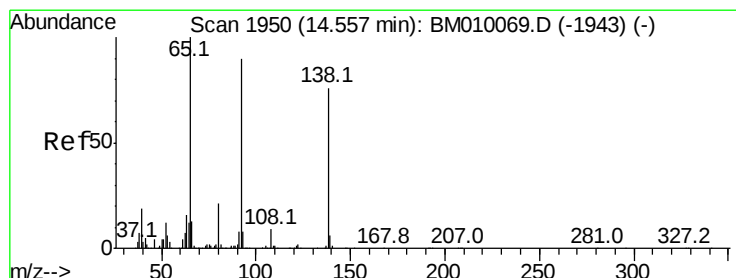
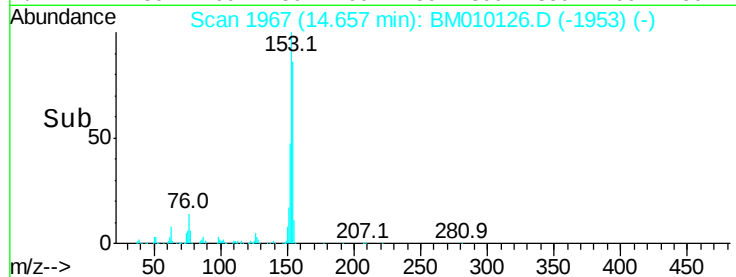
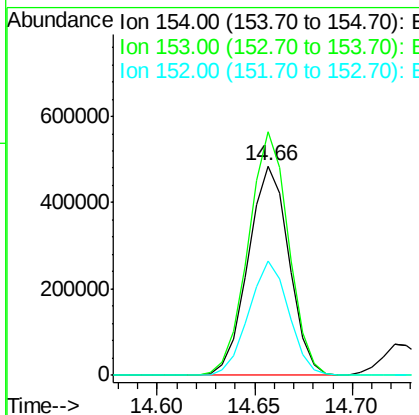
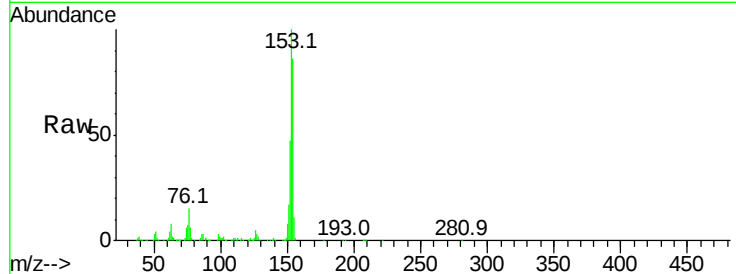
ClientSampleId :

EX-21MS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.2	90.0	135.0
152	54.4	42.6	63.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 30.84 ng

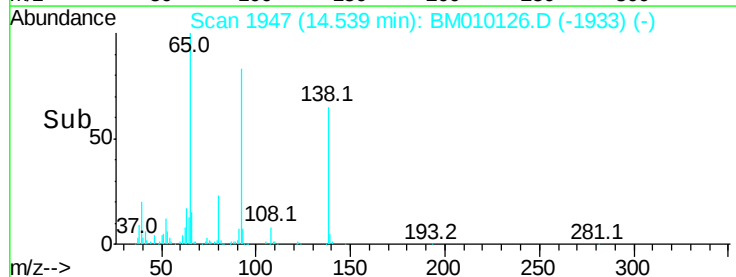
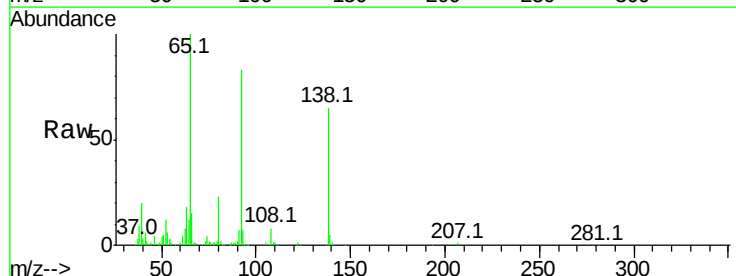
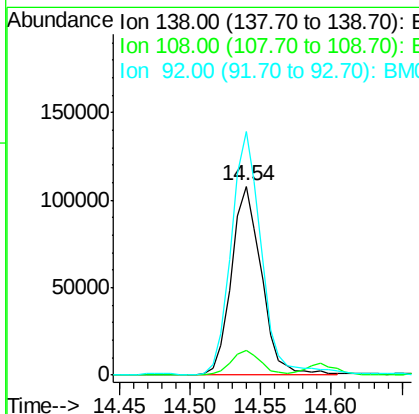
RT: 14.54 min Scan# 1947

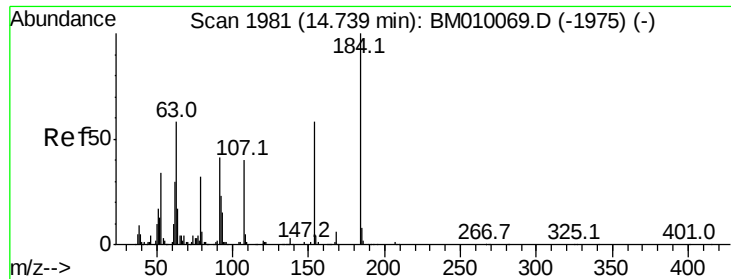
Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
138	100		
108	13.0	7.3	10.9#
92	128.9	76.6	114.8#





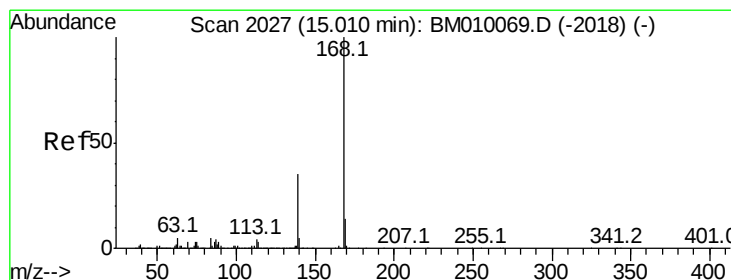
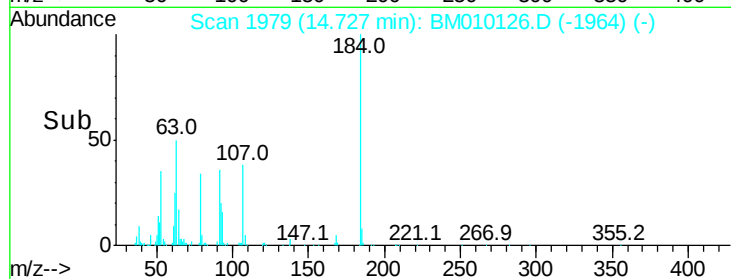
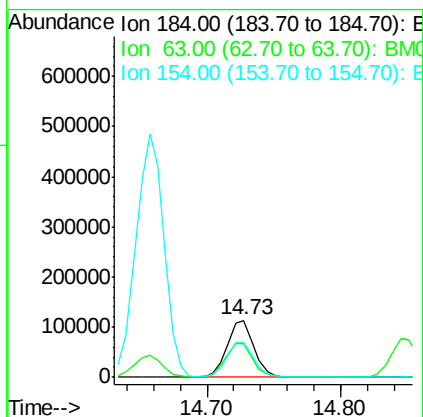
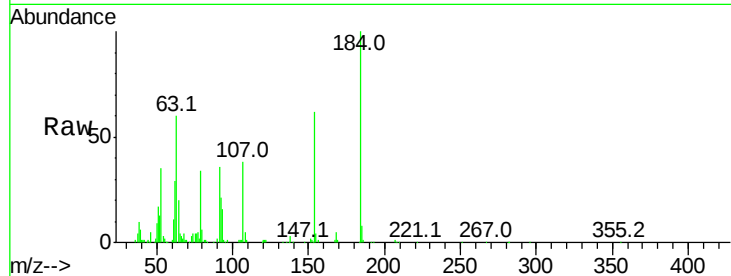
#53
2,4-Dinitrophenol
Concen: 46.30 ng
RT: 14.73 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampled :
EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	161423		
63	59.5	69.2	103.8#	
154	61.8	53.3	79.9	

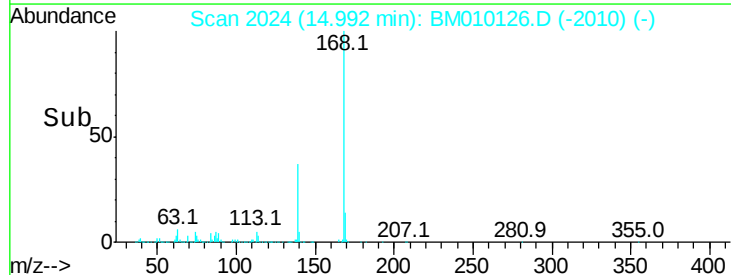
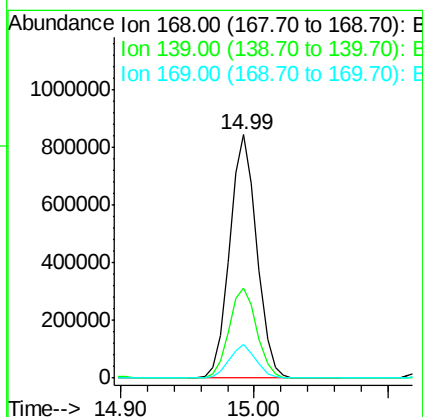
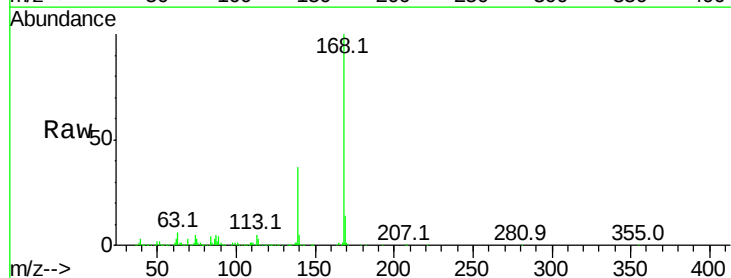
Manual Integrations
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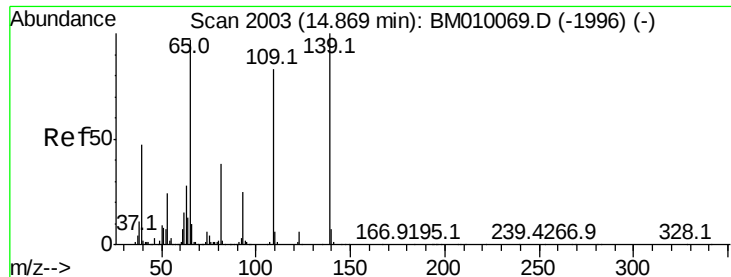
mohammad
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#54
Dibenzofuran
Concen: 37.59 ng
RT: 14.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1195396		
139	37.0	27.3	40.9	
169	13.6	10.6	16.0	





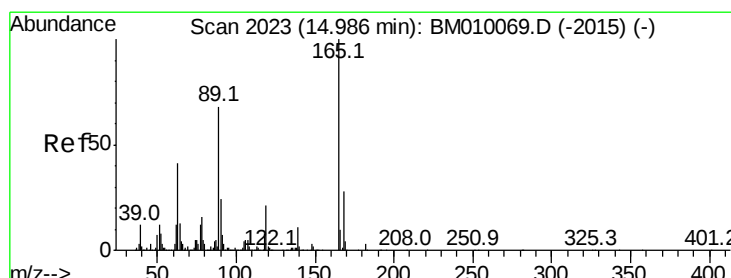
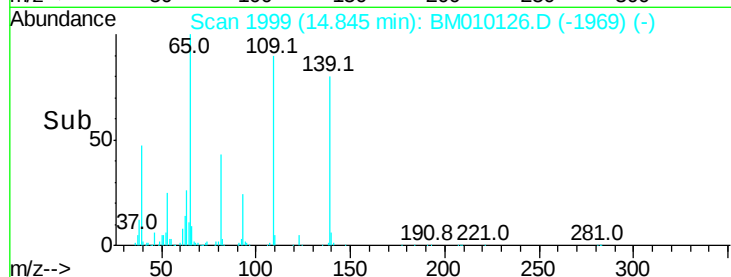
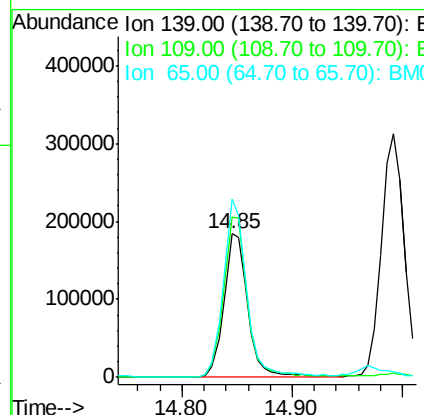
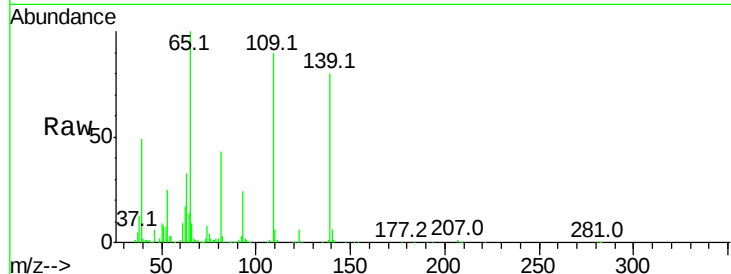
#55
4-Nitrophenol
Concen: 67.05 ng
RT: 14.85 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	111.9	37.7	77.7#
65	124.3	49.9	89.9#

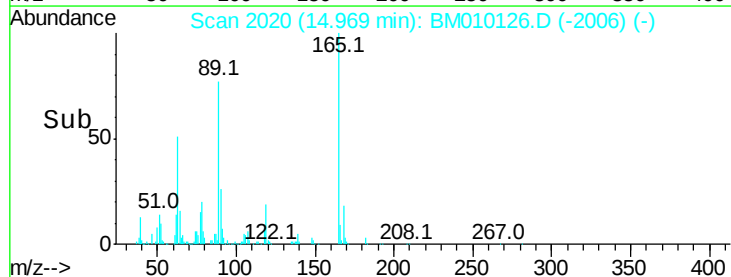
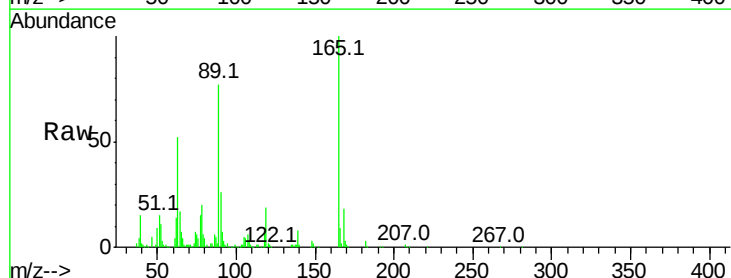
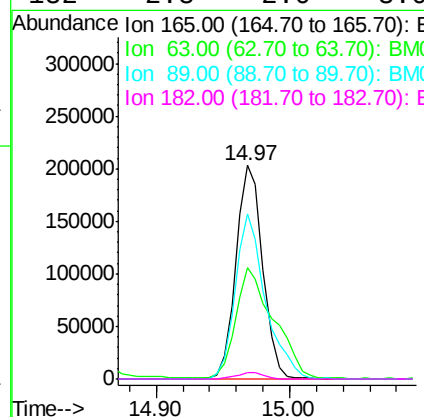
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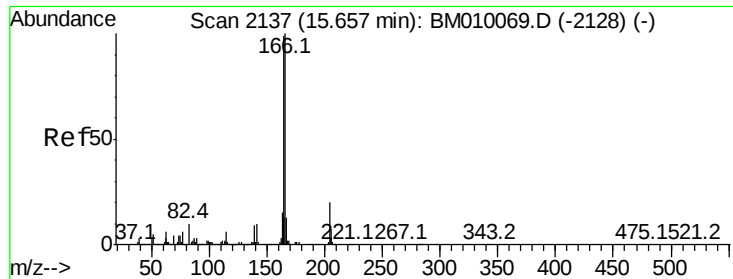
mohammad
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#56
2,4-Dinitrotoluene
Concen: 35.72 ng
RT: 14.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.9	52.4	78.6#
89	77.4	72.4	108.6
182	2.8	2.0	3.0





#57

Fluorene

Concen: 35.29 ng

RT: 15.64 min Scan# 2134

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

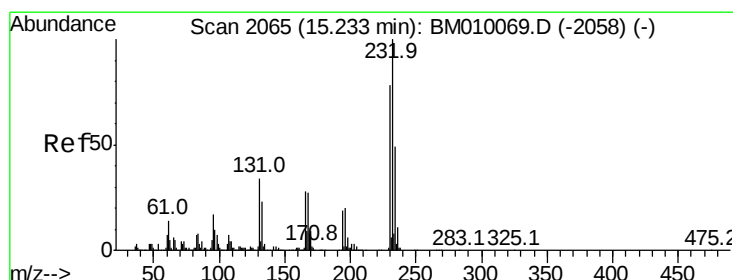
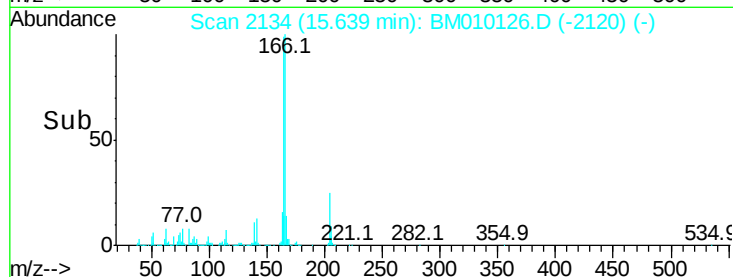
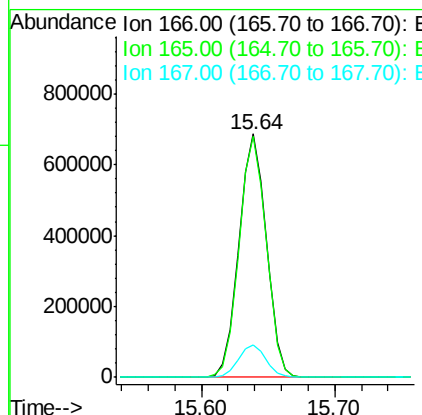
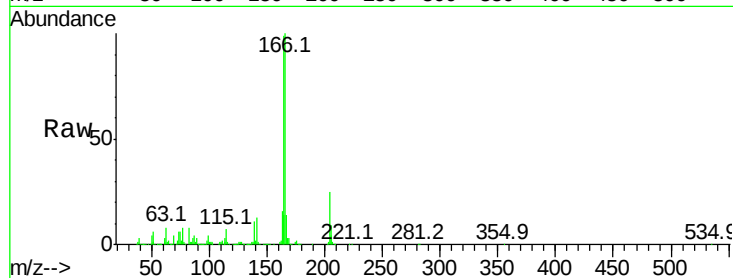
ClientSampleId :

EX-21MS

Tot Ion:	166	Resp:	975912
Ion Ratio	Lower	Upper	
166	100		
165	99.3	79.0	118.4
167	13.6	10.3	15.5

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.48 ng

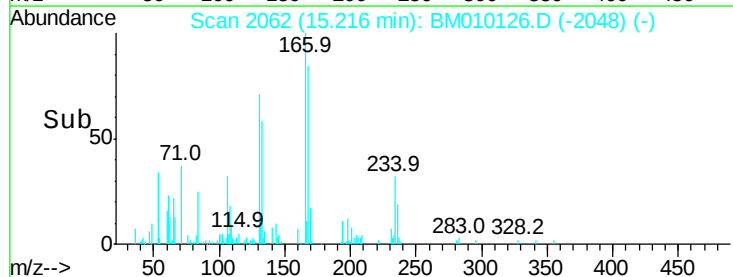
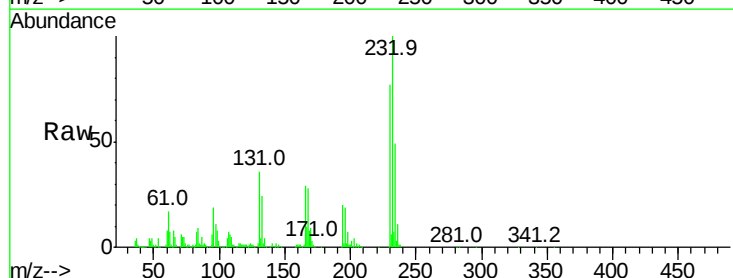
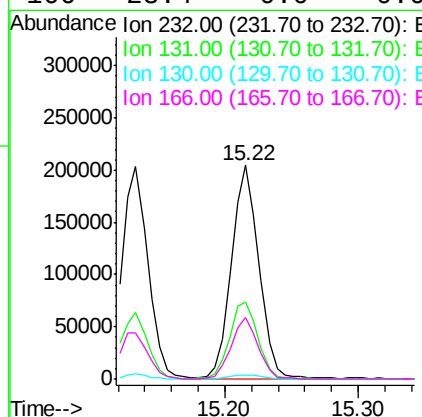
RT: 15.22 min Scan# 2062

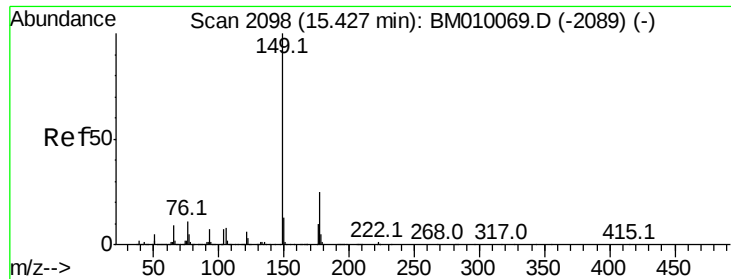
Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion:	232	Resp:	292186
Ion Ratio	Lower	Upper	
232	100		
131	36.7	0.0	0.0#
130	2.3	0.0	0.0#
166	28.4	0.0	0.0#





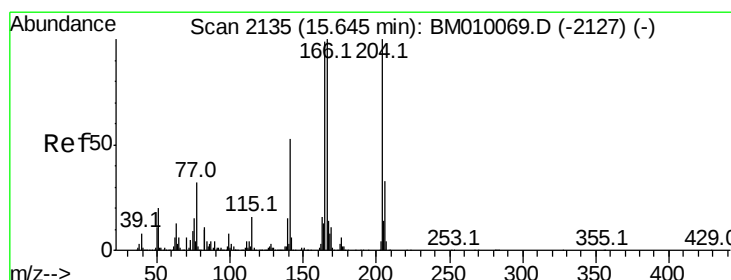
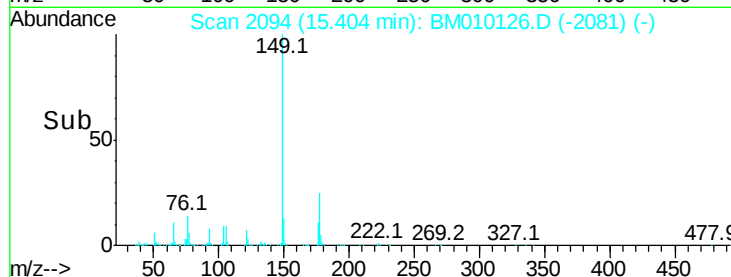
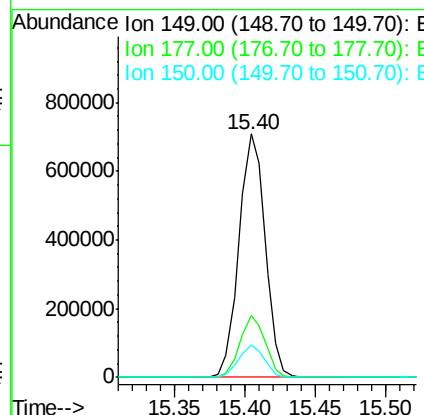
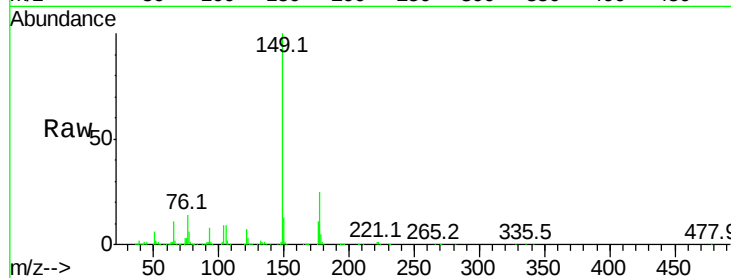
#59
Diethylphthalate
Concen: 32.90 ng
RT: 15.40 min Scan# 2094
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	916933		
177	25.2	18.3	27.5	
150	13.3	9.8	14.8	

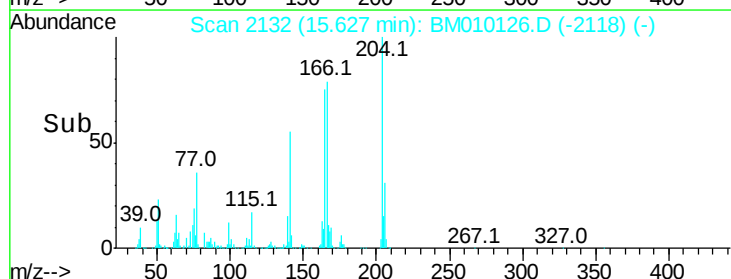
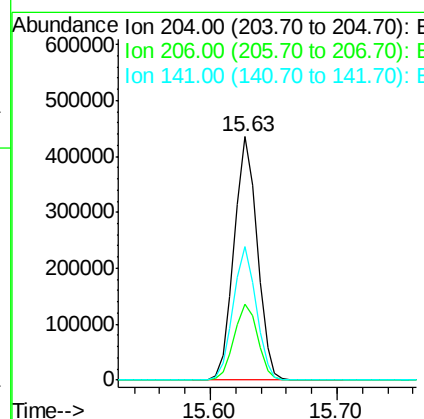
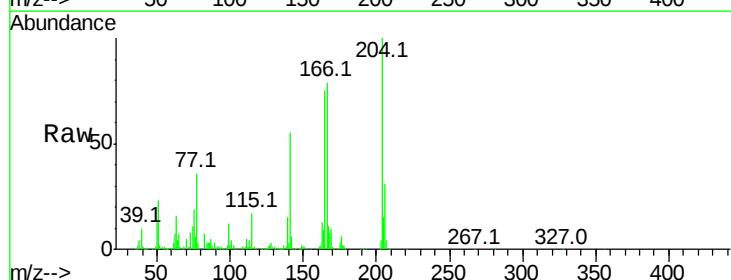
Manual Integrations
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5/23/2017 1:23:32 PM



#60
4-Chlorophenyl-phenylether
Concen: 35.24 ng
RT: 15.63 min Scan# 2132
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	547174		
206	31.1	26.6	39.8	
141	54.9	45.2	67.8	





#61

4-Nitroaniline

Concen: 31.02 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

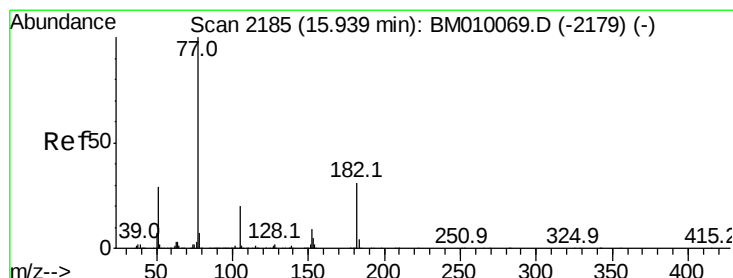
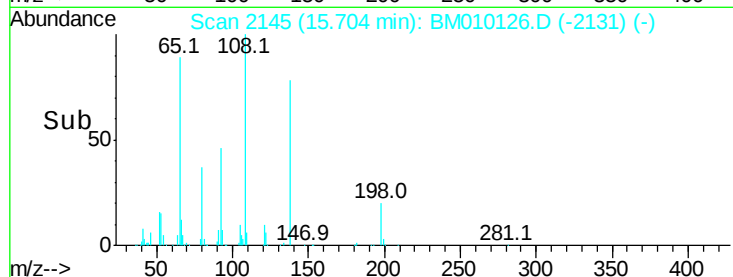
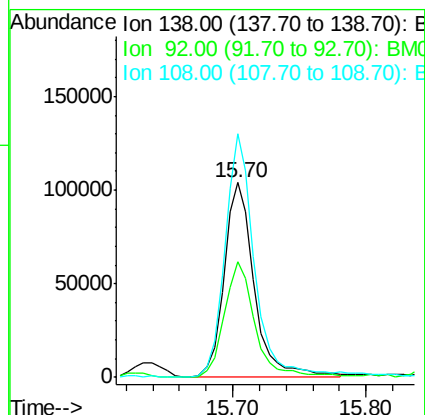
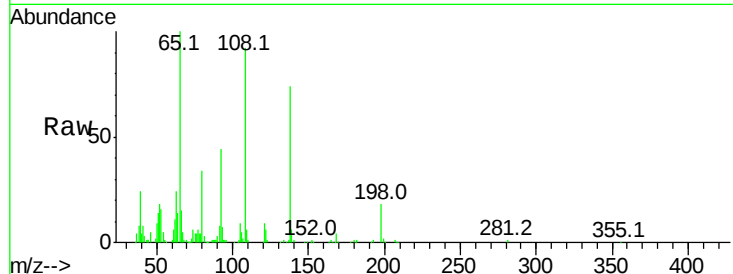
ClientSampleId :

EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	163801		
92	59.7	16.7	56.7#	
108	125.2	37.6	77.6#	

Manual Integrations
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#62

Azobenzene

Concen: 43.35 ng

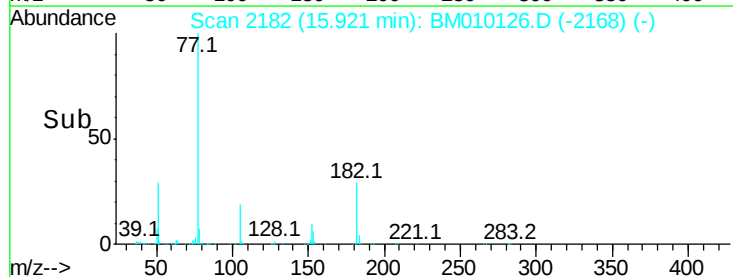
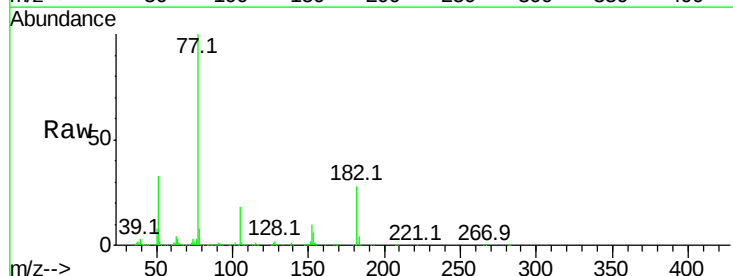
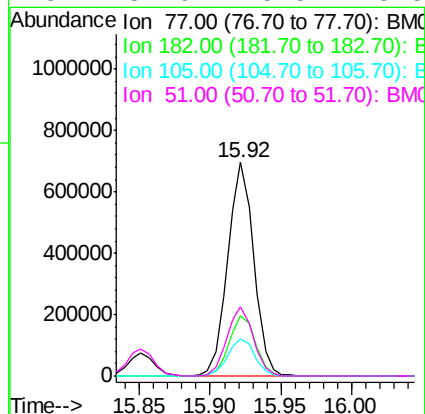
RT: 15.92 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	888378		
182	28.0	6.5	46.5	
105	17.7	3.8	43.8	
51	32.6	5.5	45.5	





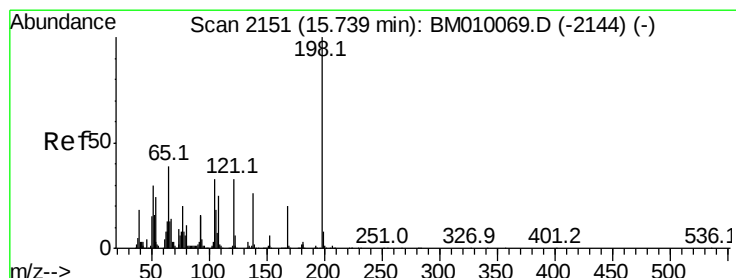
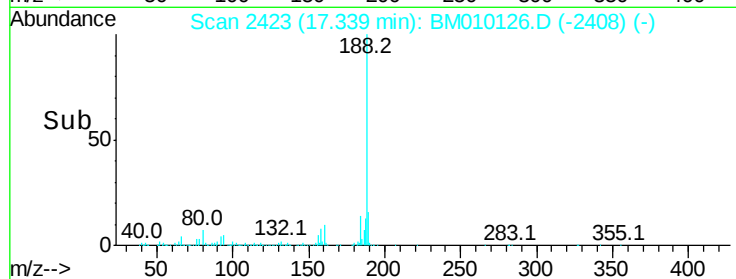
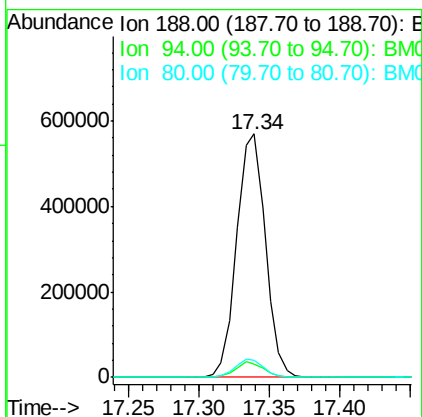
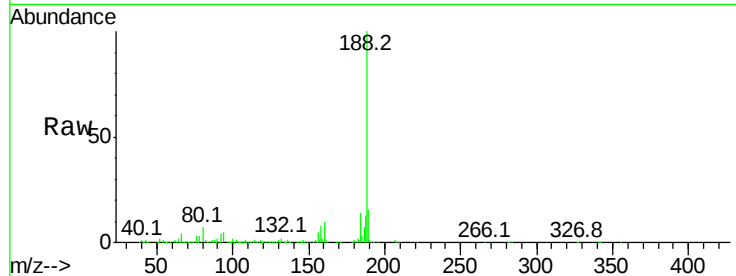
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.34 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.4	8.7	13.1#
80	6.8	9.3	13.9#

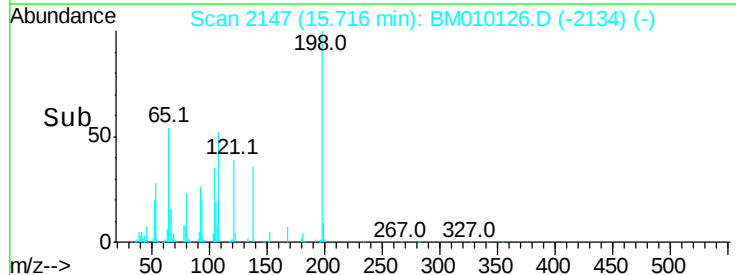
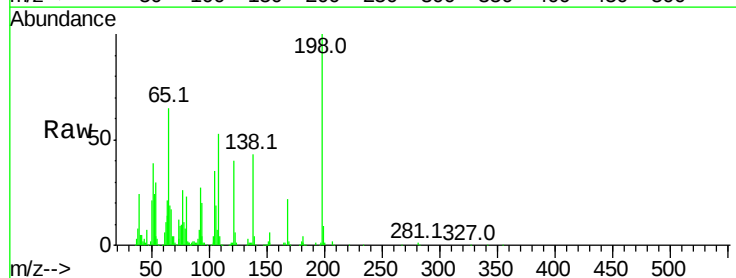
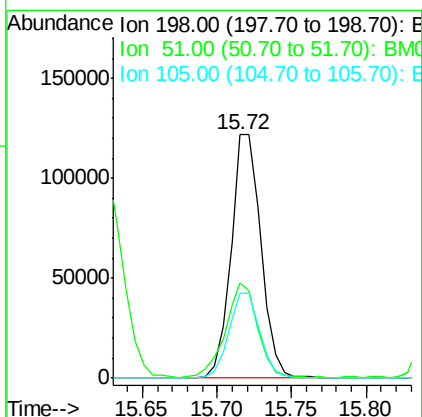
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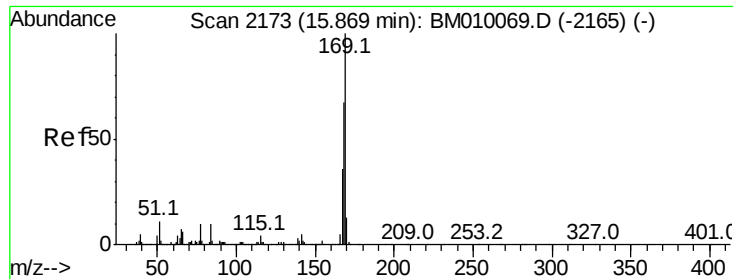
mohammad
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.42 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	39.0	28.8	68.8
105	34.7	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 34.83 ng

RT: 15.85 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

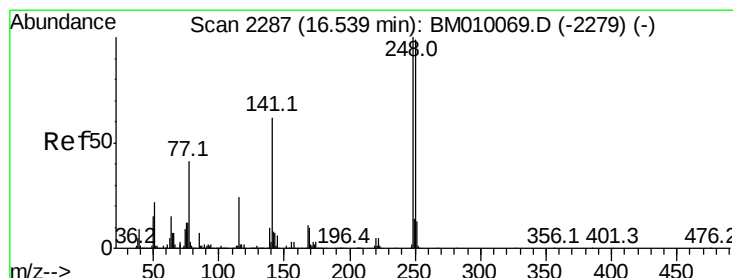
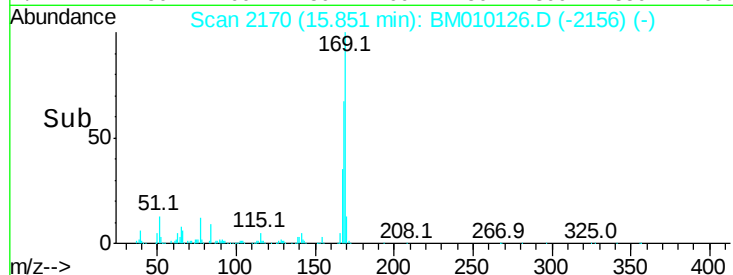
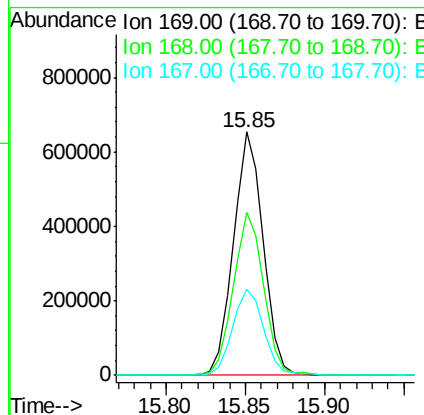
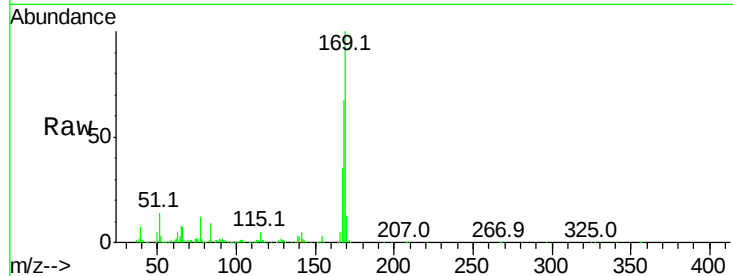
ClientSampleId :

EX-21MS

Tot Ion:	169	Resp:	846234
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.9	80.9
167	35.4	28.9	43.3

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 35.00 ng

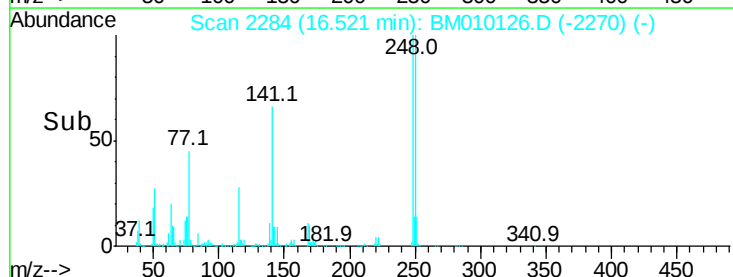
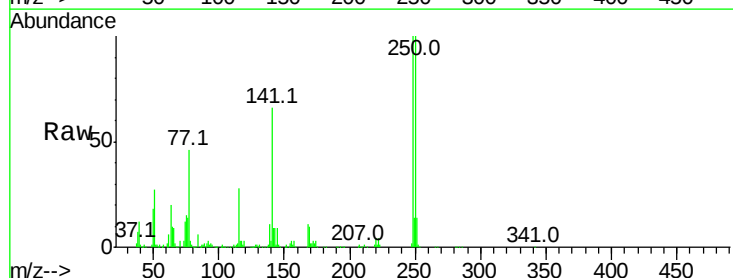
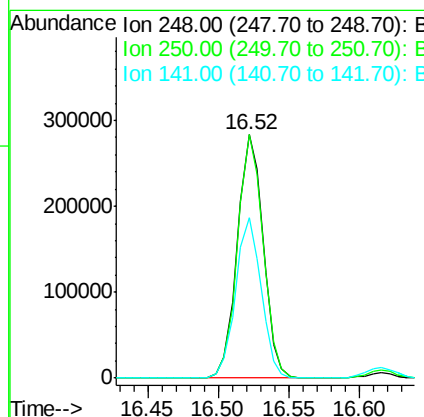
RT: 16.52 min Scan# 2284

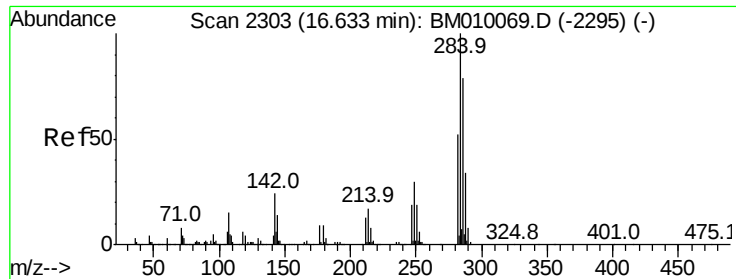
Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion:	248	Resp:	363167
Ion Ratio	Lower	Upper	
248	100		
250	100.0	77.4	116.0
141	65.8	45.2	67.8





#67

Hexachlorobenzene

Concen: 32.89 ng

RT: 16.62 min Scan# 2300

Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

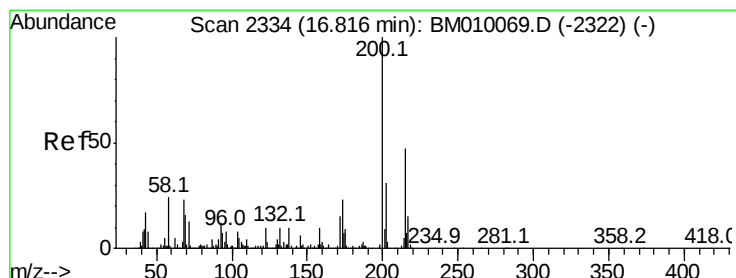
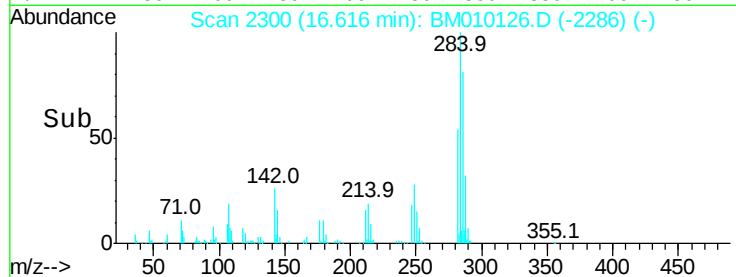
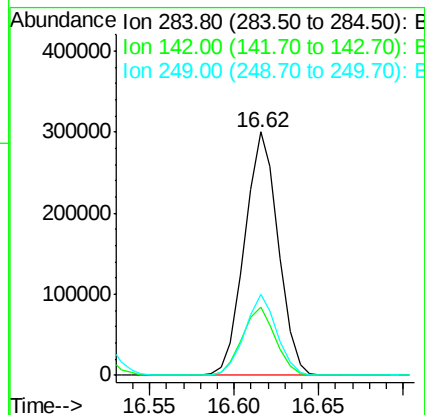
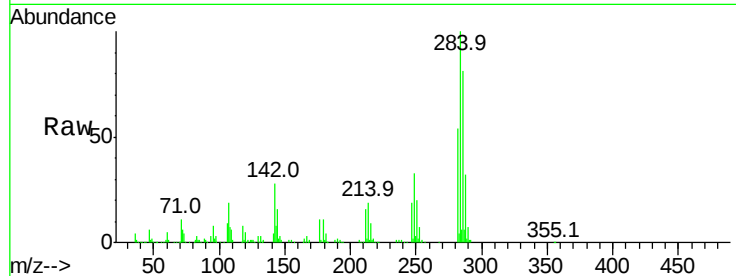
ClientSampleId :

EX-21MS

Tot Ion:	284	Resp:	414570
Ion Ratio		Lower	Upper
284	100		
142	28.3	20.4	30.6
249	33.4	23.8	35.6

Manual Integrations
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#68

Atrazine

Concen: 37.39 ng

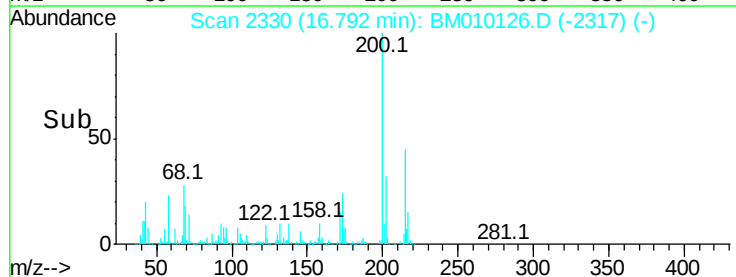
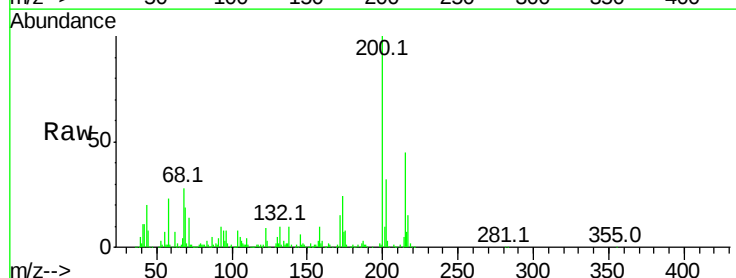
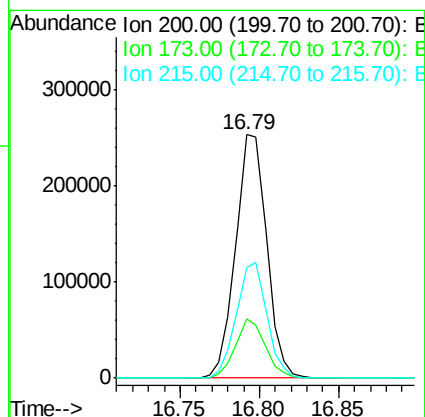
RT: 16.79 min Scan# 2330

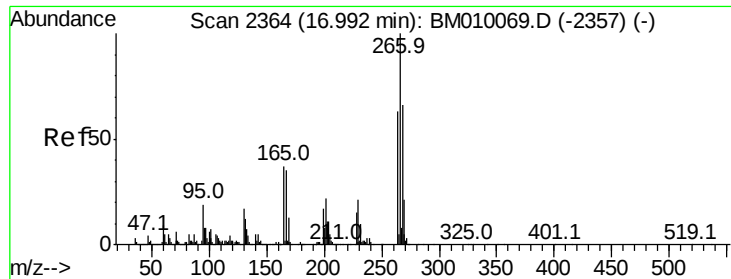
Delta R.T. -0.02 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion:	200	Resp:	344416
Ion Ratio		Lower	Upper
200	100		
173	24.4	4.8	44.8
215	45.2	26.9	66.9





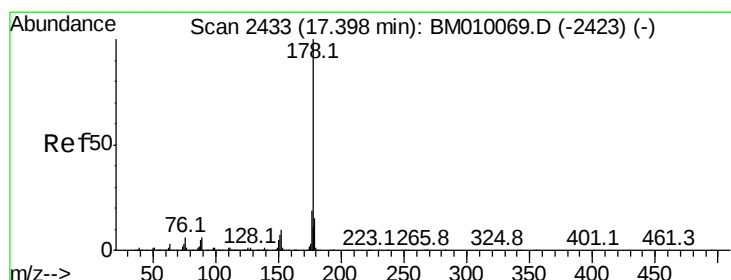
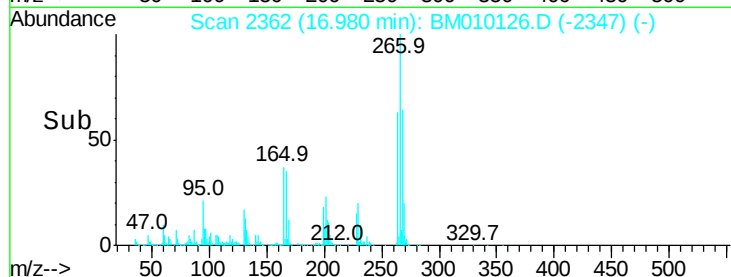
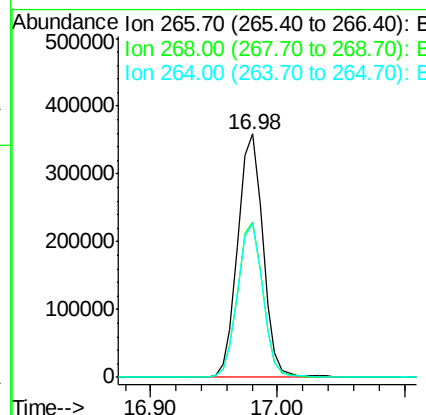
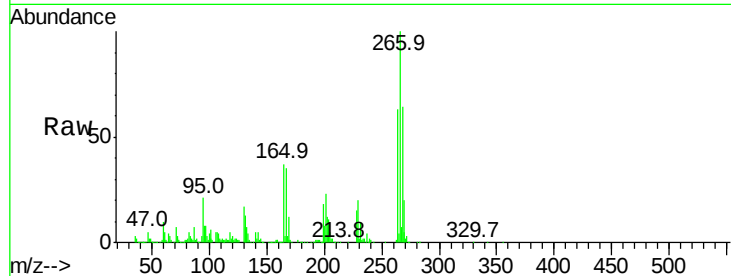
#69
 Pentachlorophenol
 Concen: 71.31 ng
 RT: 16.98 min Scan# 2362
 Delta R.T. -0.01 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Instrument :
 BNA_M
 ClientSampleId :
 EX-21MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.0	78.0
264	63.1	49.0	73.4

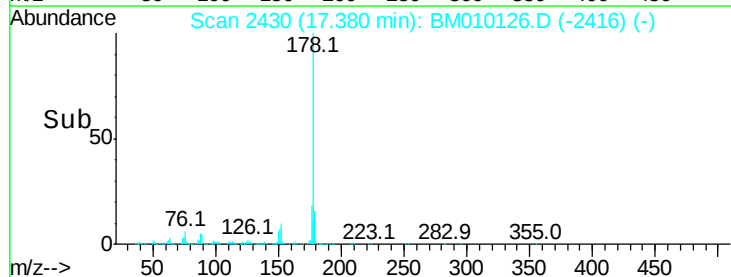
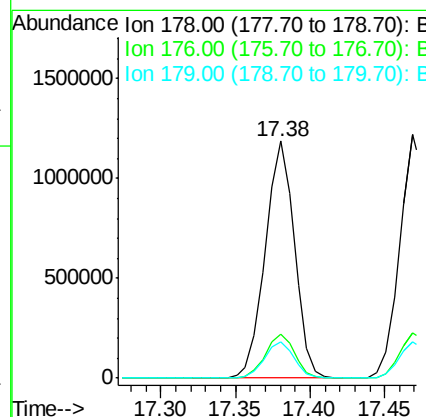
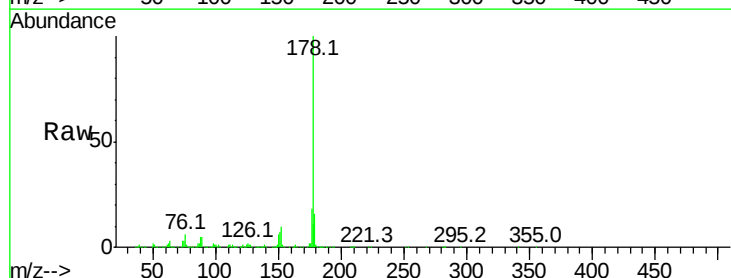
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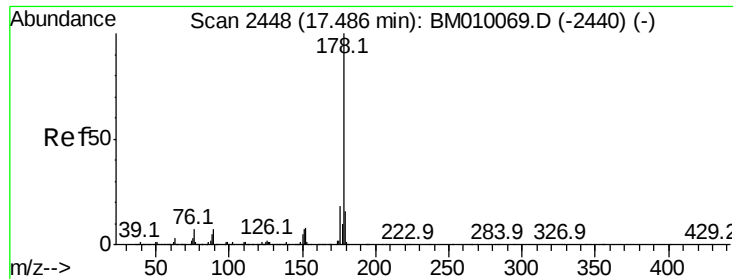
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#70
 Phenanthrene
 Concen: 35.30 ng
 RT: 17.38 min Scan# 2430
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	15.5	12.1	18.1





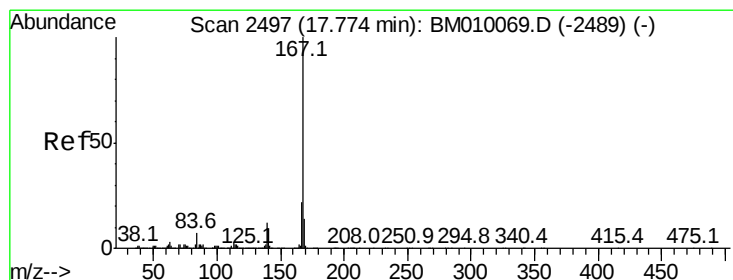
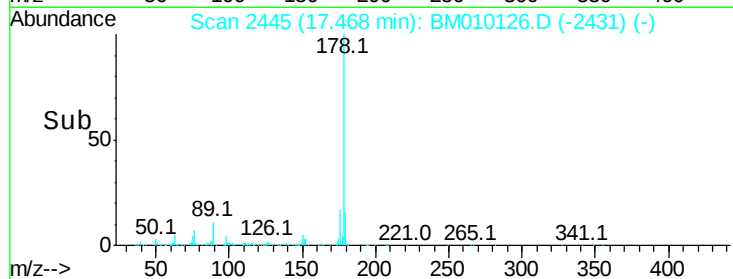
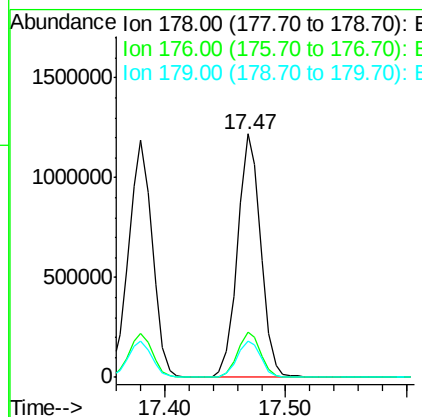
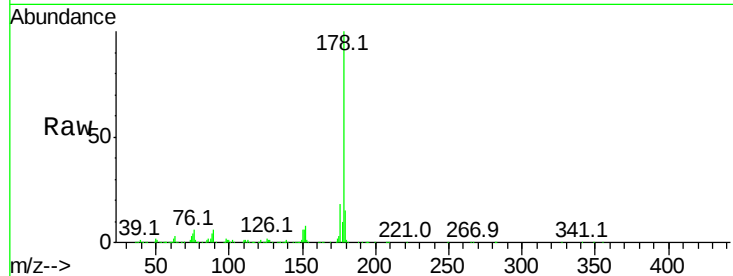
#71
 Anthracene
 Concen: 36.18 ng
 RT: 17.47 min Scan# 2445
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Instrument :
 BNA_M
 ClientSampled :
 EX-21MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	14.8	12.6	19.0

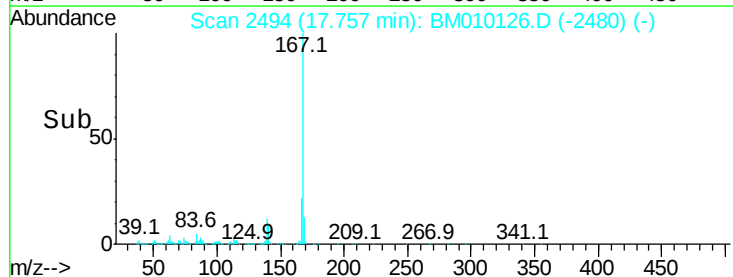
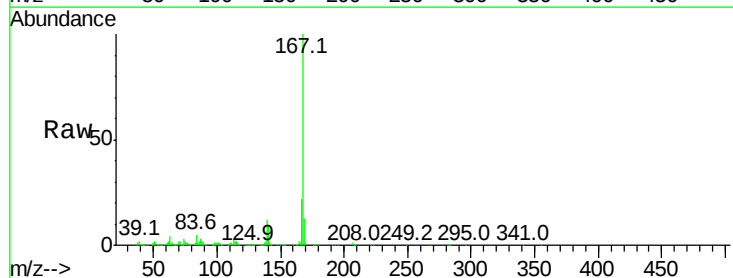
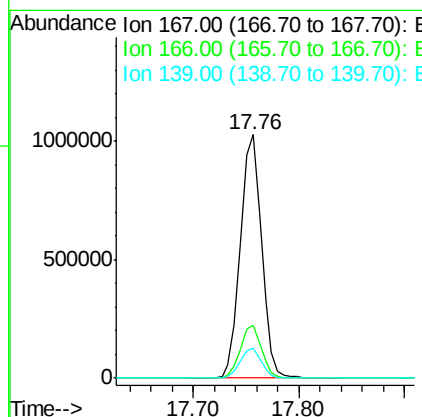
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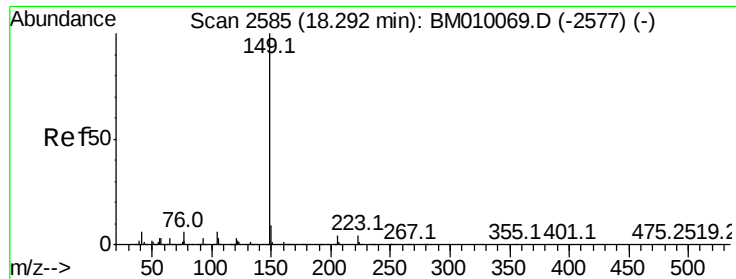
mohammad
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#72
 Carbazole
 Concen: 35.75 ng
 RT: 17.76 min Scan# 2494
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.0	10.8	16.2





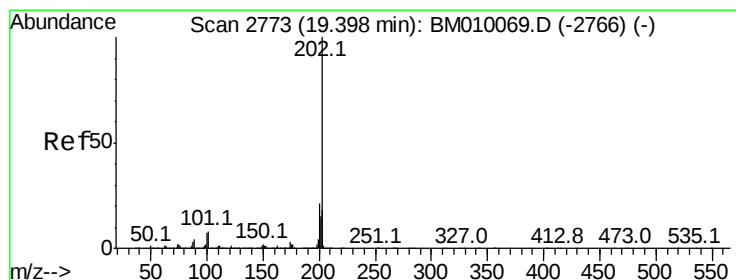
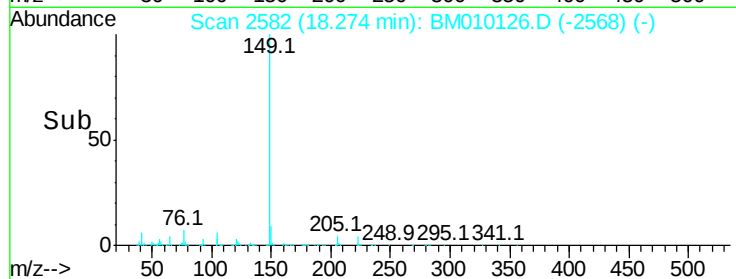
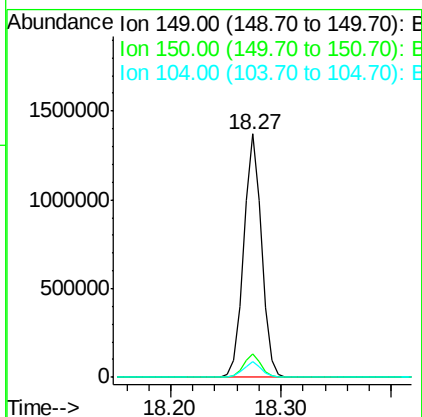
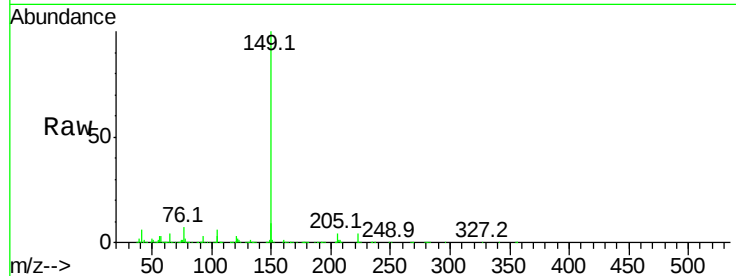
#73
Di-n-butylphthalate
Concen: 32.81 ng
RT: 18.27 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.5	11.3
104	6.3	3.7	5.5

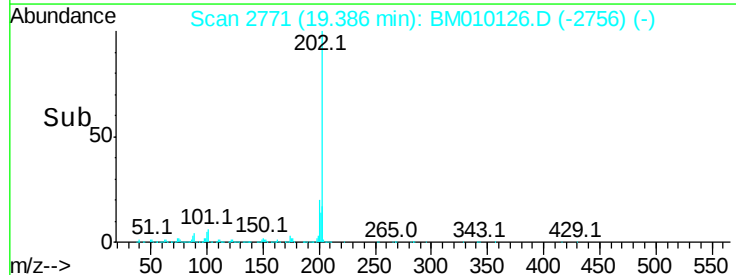
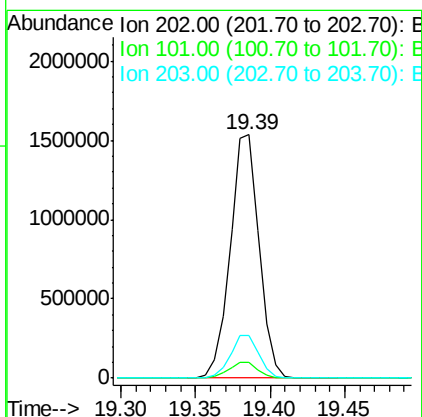
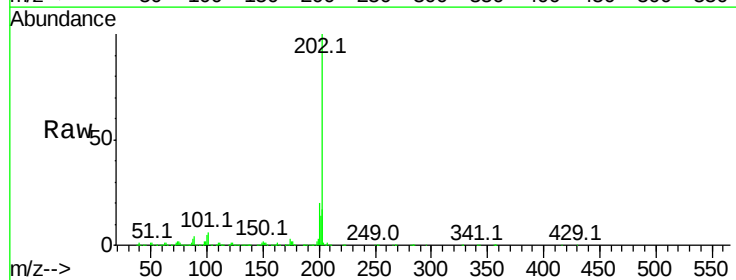
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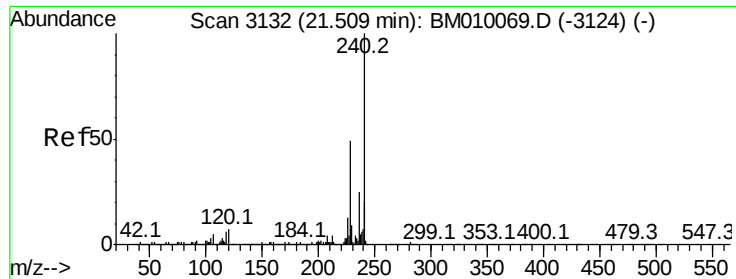
mohammad
5/23/2017 1:23:32 PM



#74
Fluoranthene
Concen: 35.30 ng
RT: 19.39 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	28.7
203	17.4	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

ClientSampleId :

EX-21MS

Tot Ion:240 Resp: 1227007

Ion Ratio Lower Upper

240 100

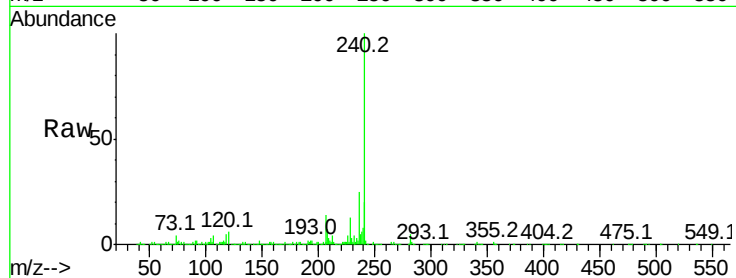
120 5.6 8.2 12.2#

236 25.1 20.0 30.0

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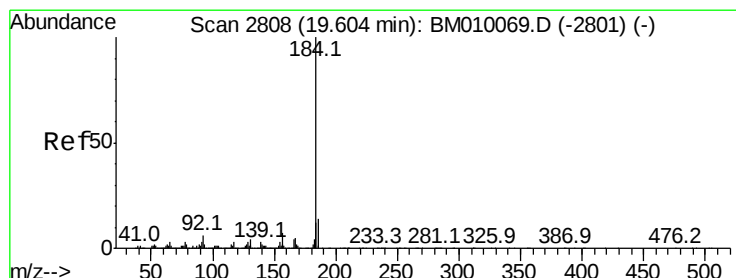
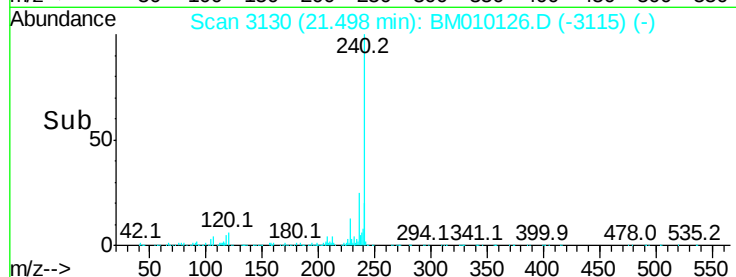
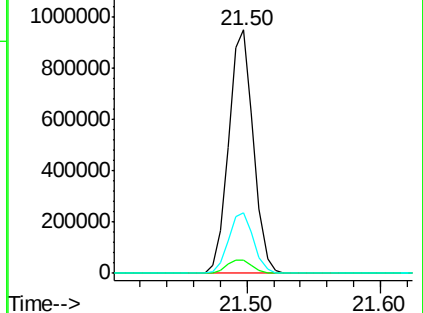
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 63.09 ng

RT: 19.59 min Scan# 2806

Delta R.T. -0.01 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

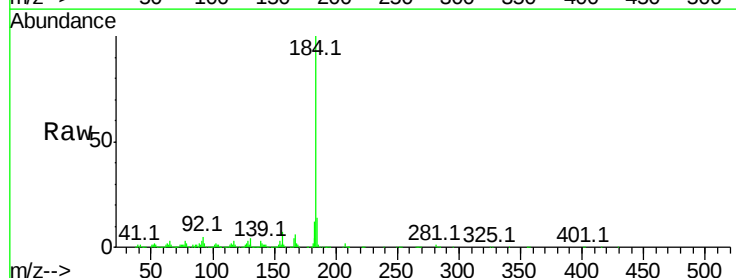
Tgt Ion:184 Resp: 1427846

Ion Ratio Lower Upper

184 100

185 13.8 11.3 16.9

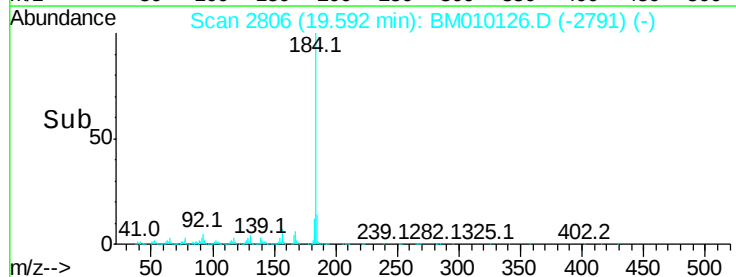
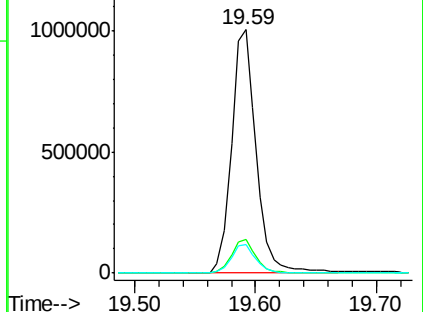
183 12.0 8.9 13.3

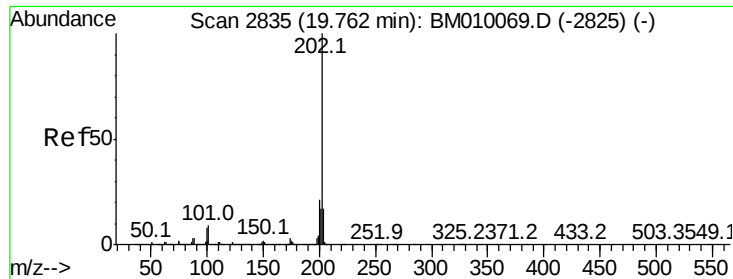


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.47 ng

RT: 19.75 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Instrument :

BNA_M

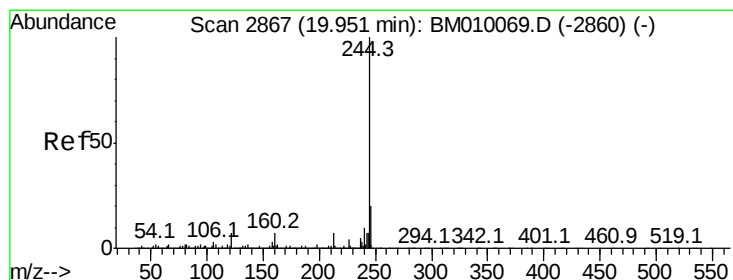
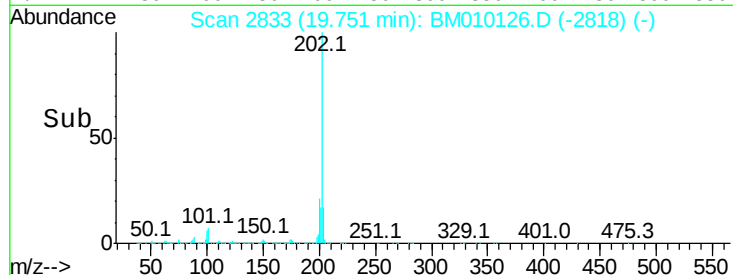
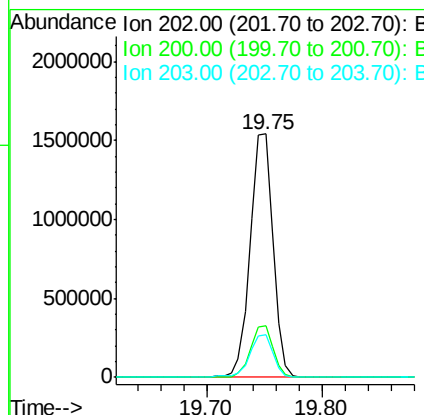
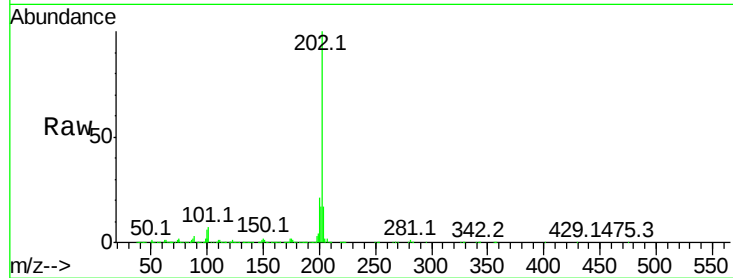
ClientSampleId :

EX-21MS

Tot Ion:	202	Resp:	2136290
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.9	25.3
203	17.3	14.1	21.1

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#78

Terphenyl-d14

Concen: 57.15 ng

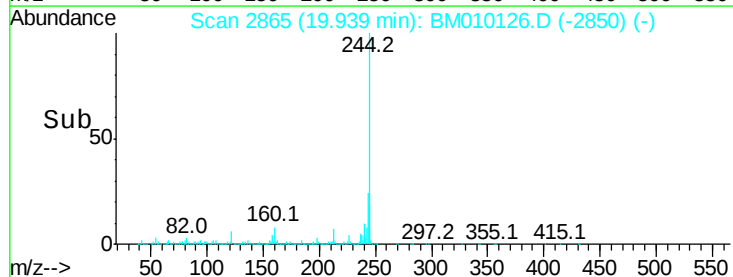
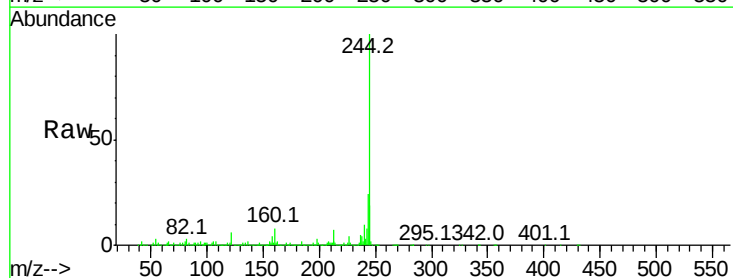
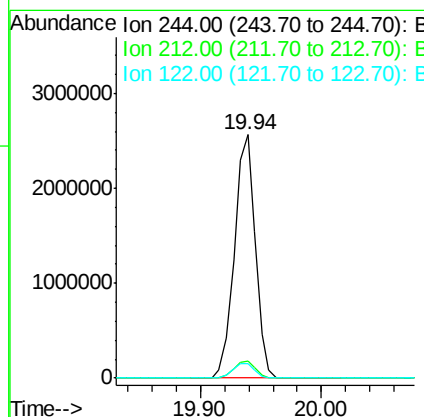
RT: 19.94 min Scan# 2865

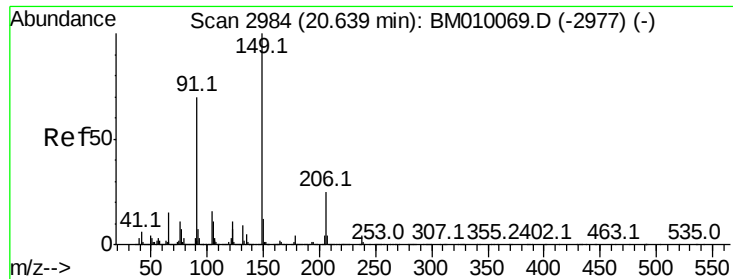
Delta R.T. -0.01 min

Lab File: BM010126.D

Acq: 23 May 2017 05:23

Tgt Ion:	244	Resp:	3084144
Ion Ratio	Lower	Upper	
244	100		
212	7.0	4.9	7.3
122	6.1	6.2	9.4#





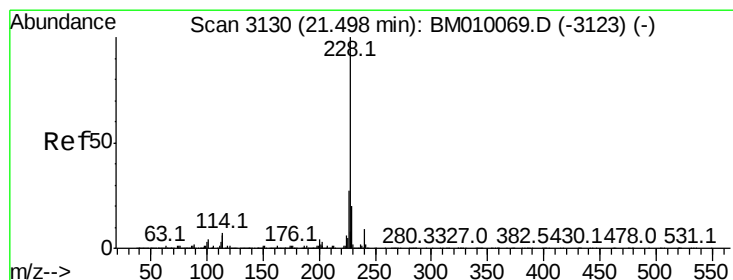
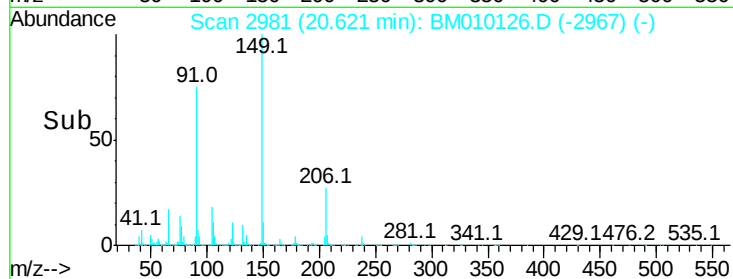
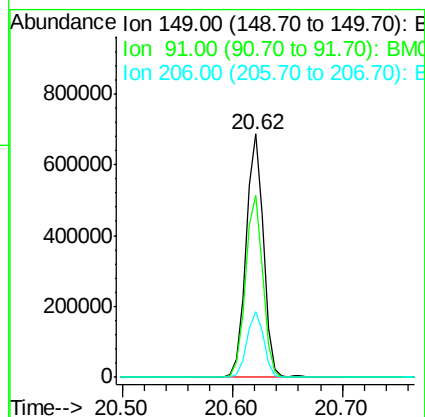
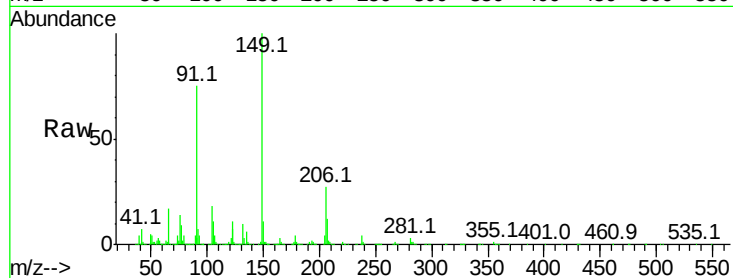
#79
Butylbenzylphthalate
Concen: 31.05 ng
RT: 20.62 min Scan# 2981
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	756153		
91	74.7	50.1	75.1	
206	27.0	16.2	24.2	

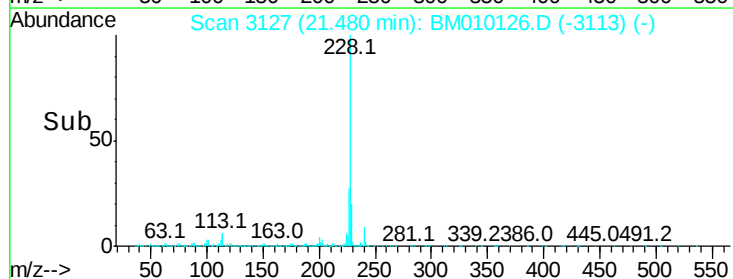
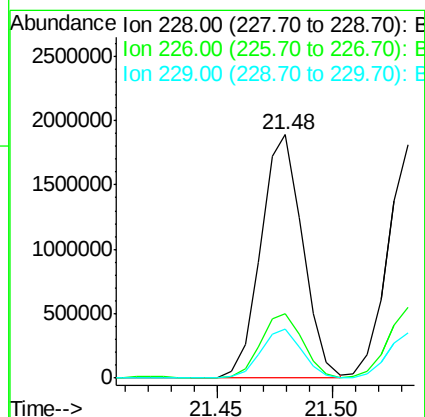
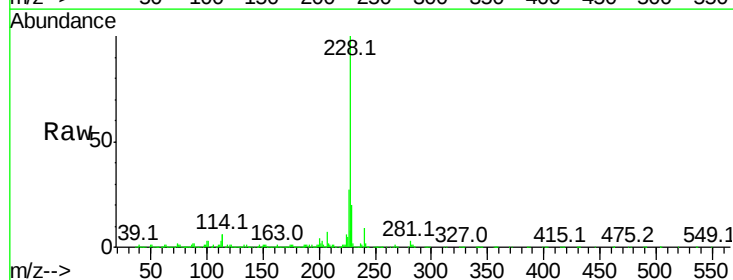
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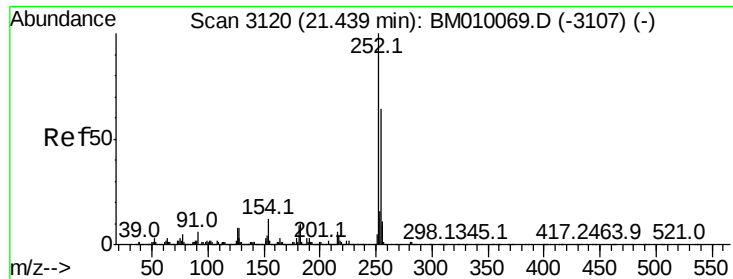
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#80
Benzo(a)anthracene
Concen: 35.12 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	2375207		
226	26.7	21.7	32.5	
229	20.0	16.0	24.0	





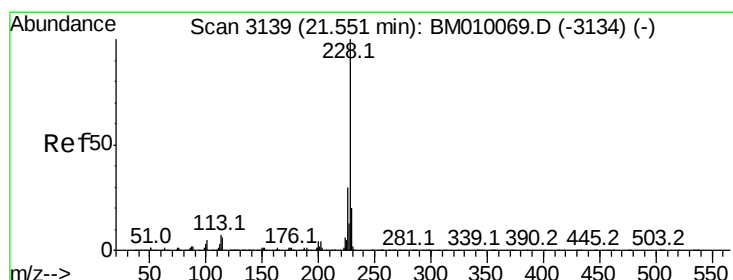
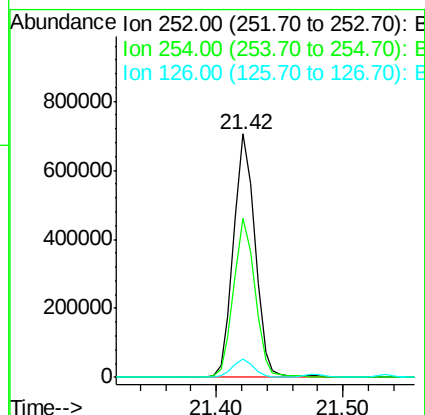
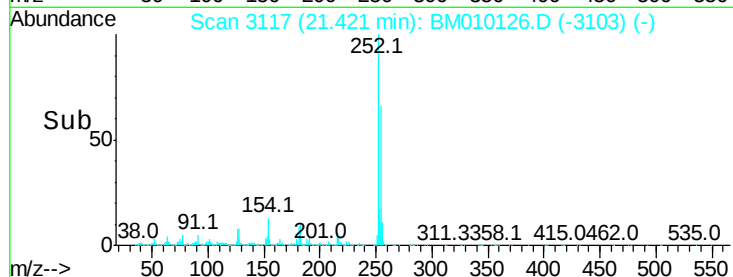
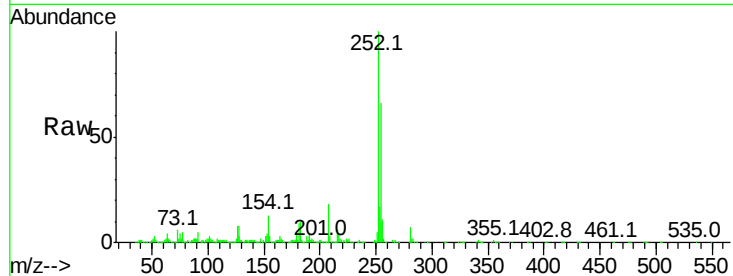
#81
 3,3'-Dichlorobenzidine
 Concen: 30.45 ng
 RT: 21.42 min Scan# 3117
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Instrument :
 BNA_M
 ClientSampleId :
 EX-21MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.9	77.9
126	7.6	9.8	14.8#

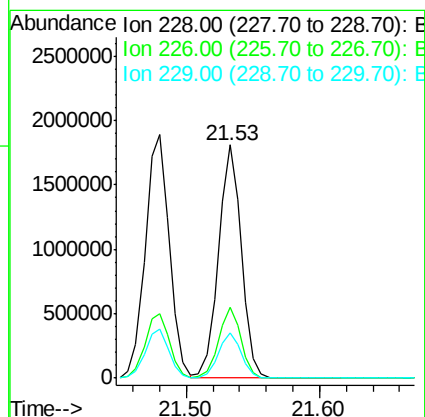
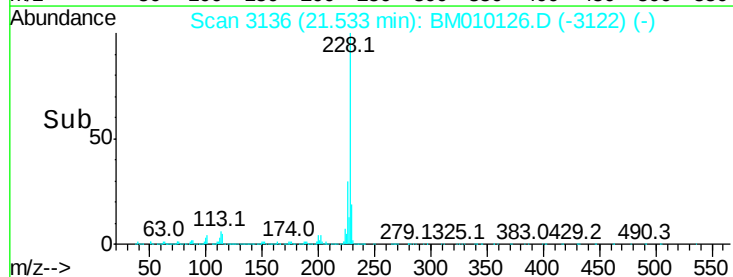
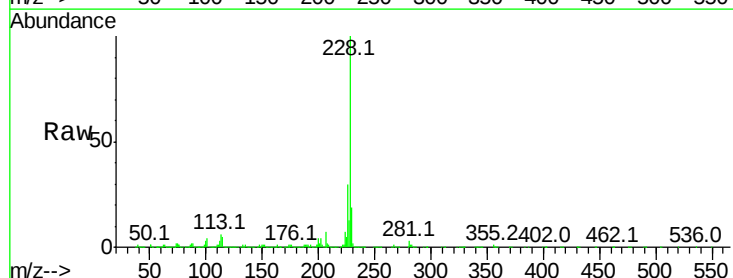
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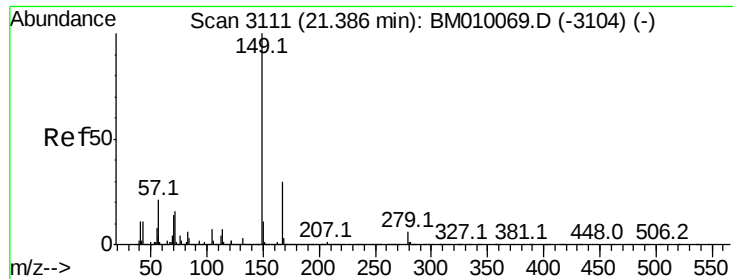
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#82
 Chrysene
 Concen: 33.90 ng
 RT: 21.53 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.3	15.5	23.3





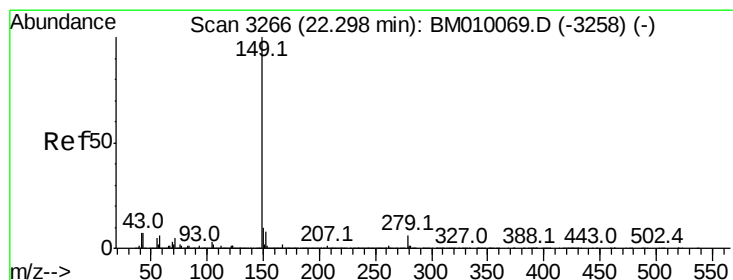
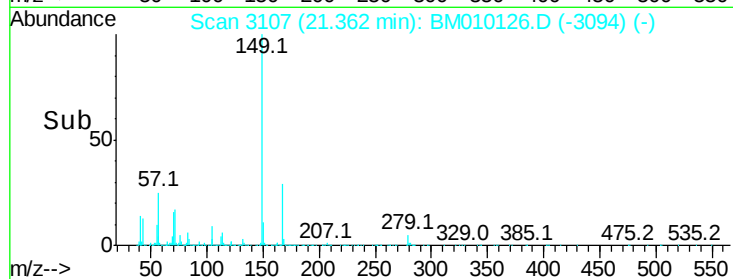
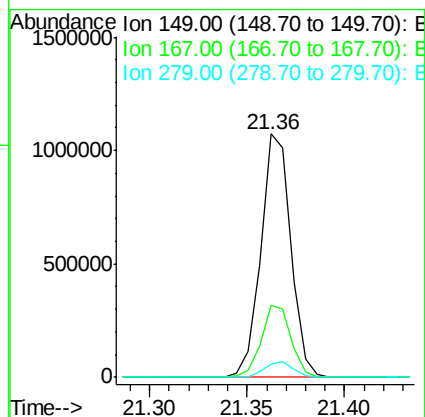
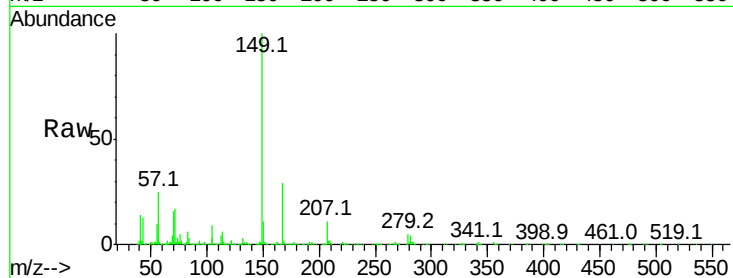
#83
Bis(2-ethylhexyl)phthalate
Concen: 31.16 ng
RT: 21.36 min Scan# 3107
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion:149 Resp: 1134924
Ion Ratio Lower Upper
149 100
167 29.4 22.4 33.6
279 5.4 3.4 5.0#

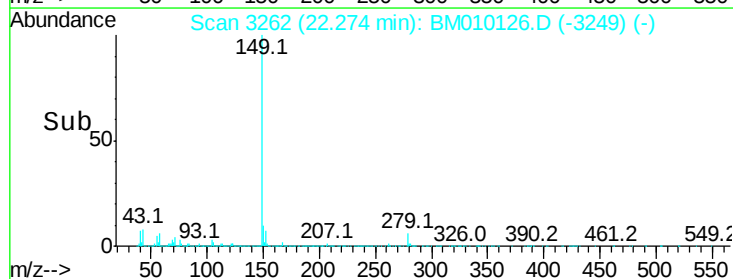
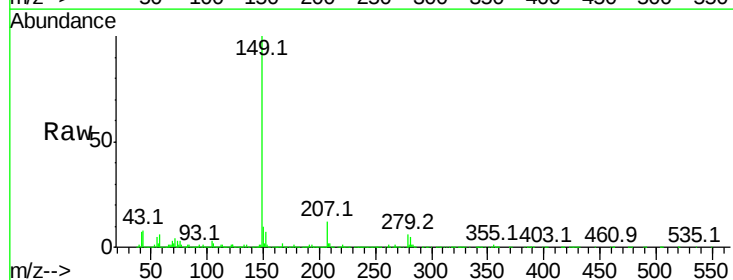
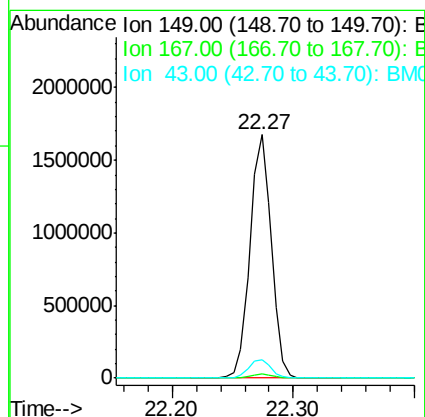
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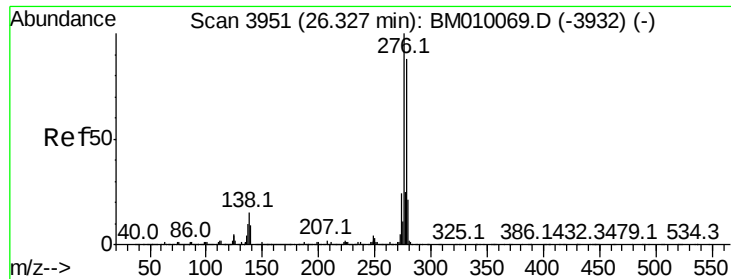
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#84
Di-n-octyl phthalate
Concen: 31.56 ng
RT: 22.27 min Scan# 3262
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion:149 Resp: 2057668
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 8.0 7.3 10.9





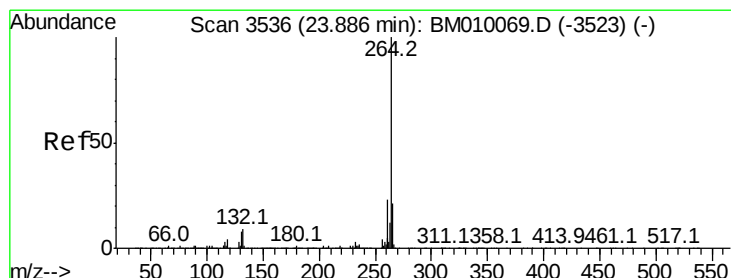
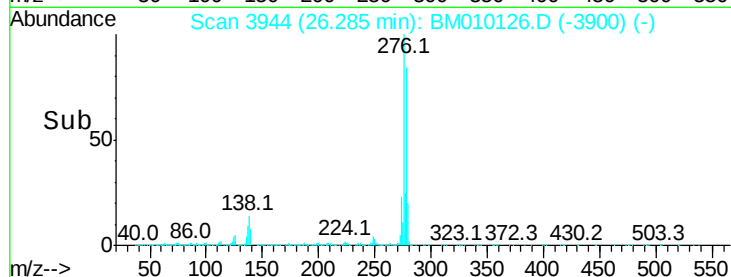
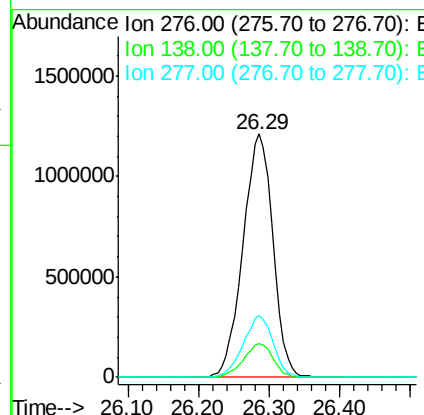
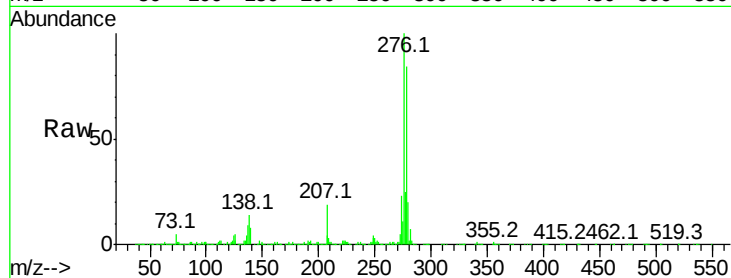
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.94 ng
RT: 26.29 min Scan# 3944
Delta R.T. -0.04 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampled :
EX-21MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.8	0.0	0.0#
277	25.2	0.0	0.0#

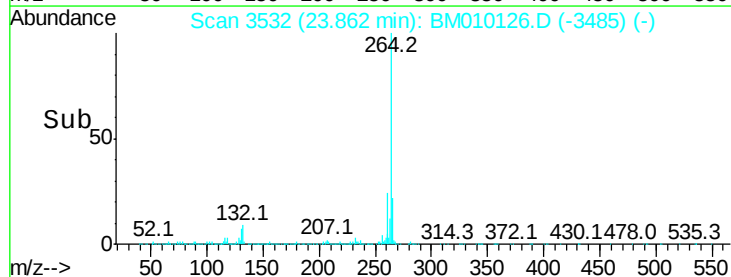
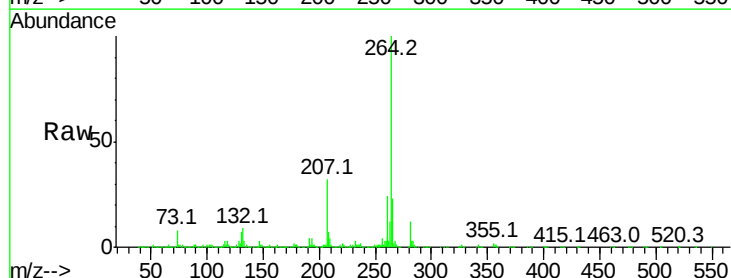
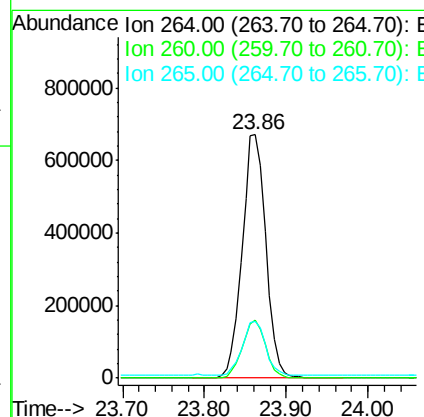
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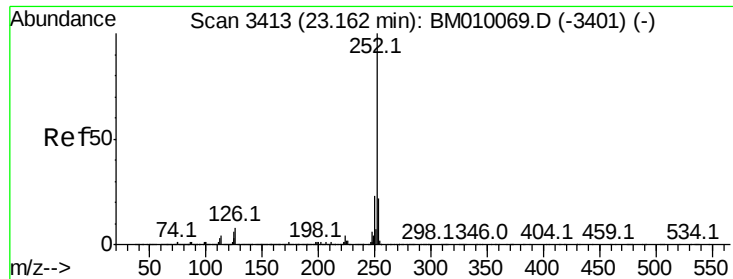
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.86 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	23.1	17.3	25.9





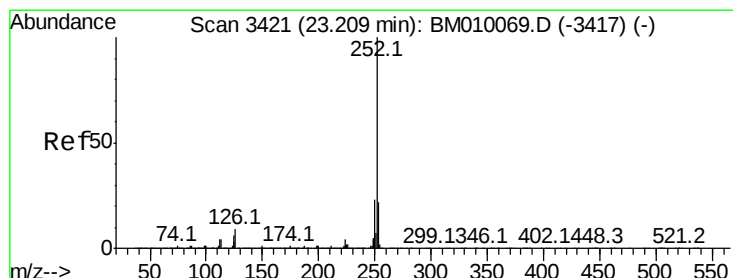
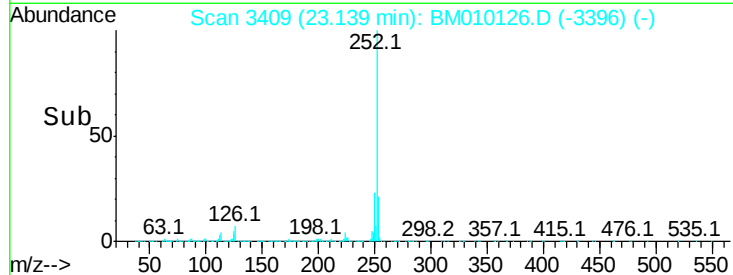
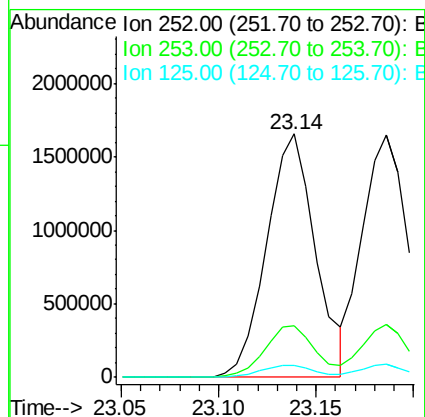
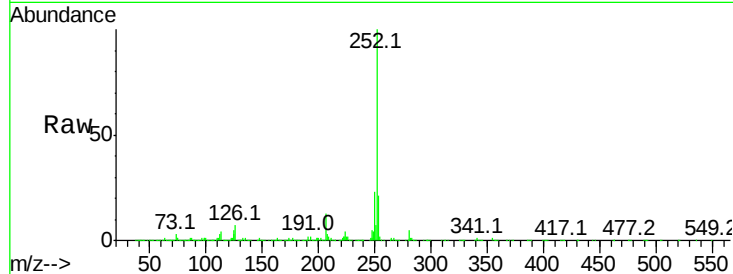
#87
Benzo(b)fluoranthene
Concen: 36.13 ng
RT: 23.14 min Scan# 3409
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	5.0	9.9	14.9

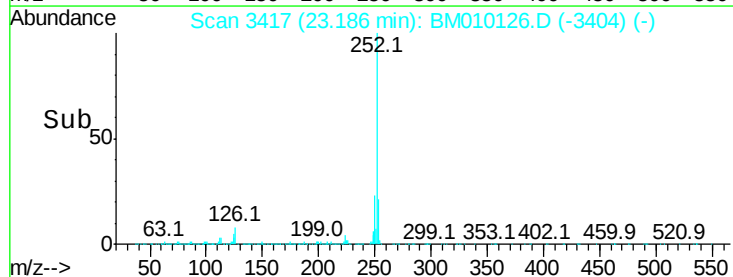
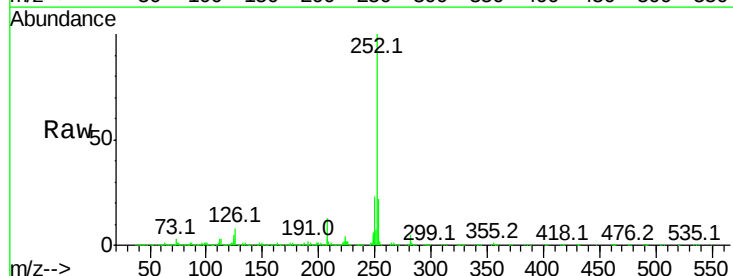
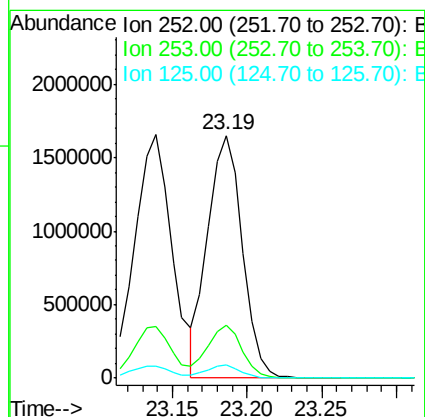
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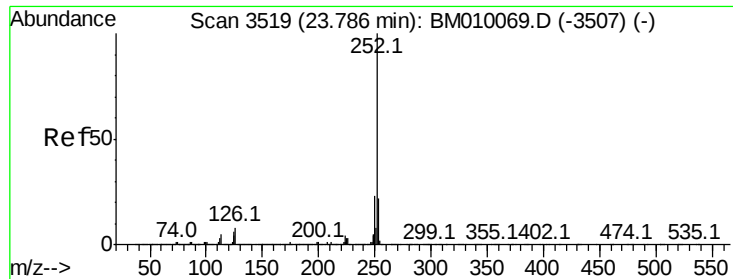
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#88
Benzo(k)fluoranthene
Concen: 34.27 ng
RT: 23.19 min Scan# 3417
Delta R.T. -0.02 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	5.3	8.1	12.1





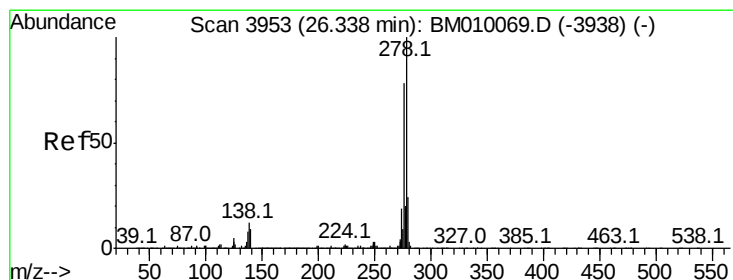
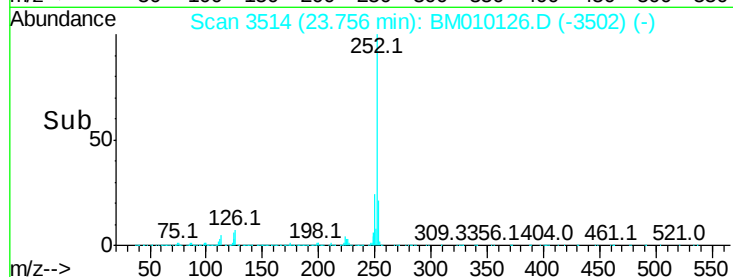
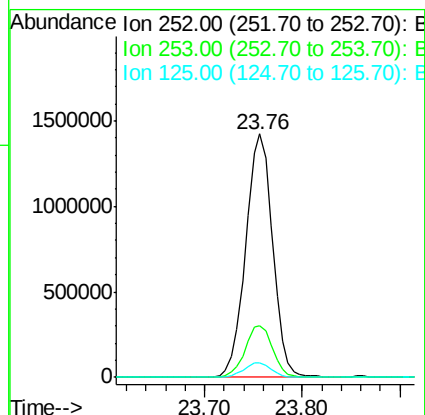
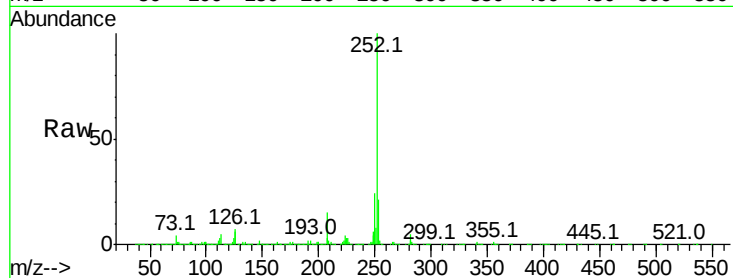
#89
Benzo(a)pyrene
Concen: 35.94 ng
RT: 23.76 min Scan# 3514
Delta R.T. -0.03 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Instrument :
BNA_M
ClientSampleId :
EX-21MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	6.0	7.4	11.2

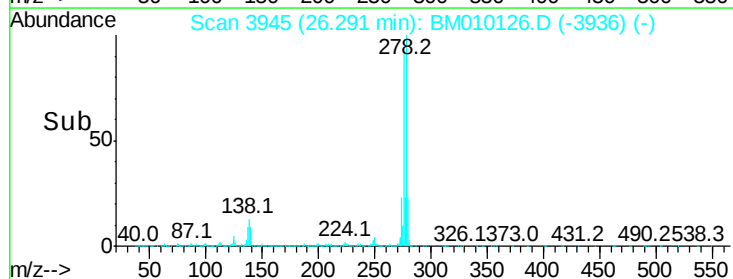
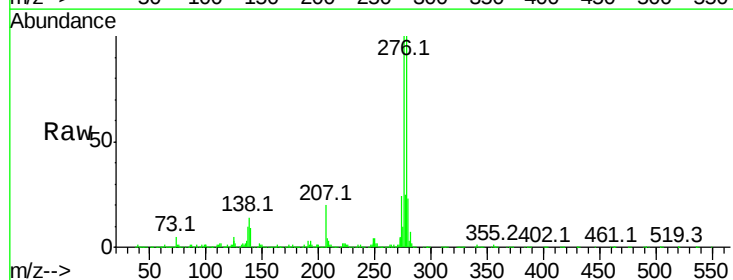
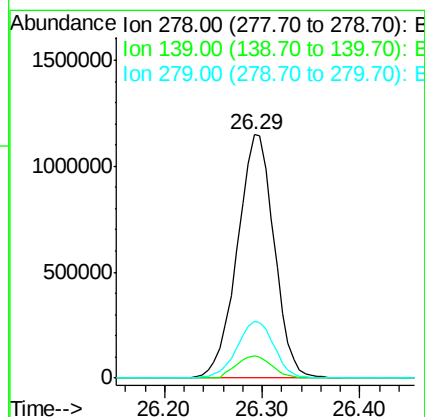
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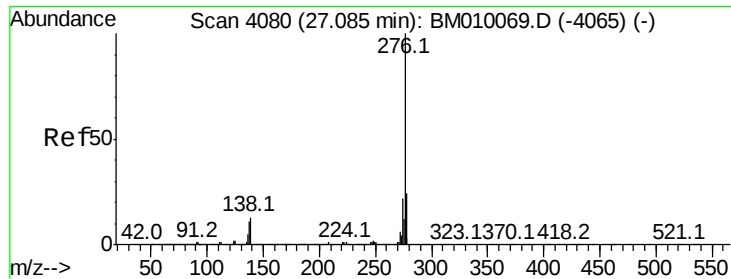
mohammad
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#90
Dibenzo(a,h)anthracene
Concen: 35.53 ng
RT: 26.29 min Scan# 3945
Delta R.T. -0.05 min
Lab File: BM010126.D
Acq: 23 May 2017 05:23

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.2	13.4	20.0
279	23.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.35 ng
 RT: 27.04 min Scan# 4072
 Delta R.T. -0.05 min
 Lab File: BM010126.D
 Acq: 23 May 2017 05:23

Instrument :
 BNA_M
 ClientSampleId :
 EX-21MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	11.9	19.0	28.6

Manual Integrations
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