

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
 Data File : BM022226.D
 Acq On : 21 Aug 2019 13:16
 Operator : HP/JU
 Sample : K4237-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Manual Integrations
 APPROVED

Jagrut
 8/22/2019 2:00:08 PM

Quant Time: Aug 21 14:36:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 02:18:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	33285	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	126563	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	76018	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	140646	20.00	ng	0.00
76) Chrysene-d12	21.19	240	125762	20.00	ng	0.00
87) Perylene-d12	23.39	264	146941	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	195705	104.77	ng	0.00
7) Phenol-d6	6.76	99	258360	103.87	ng	0.00
23) Nitrobenzene-d5	8.73	82	189062	72.65	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	119049	96.76	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	431391	70.88	ng	0.00
79) Terphenyl-d14	19.63	244	555914	64.41	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.17	88	22673	28.971	ng	# 82
3) Pyridine	3.57	79	52645	26.553	ng	# 83
4) n-Nitrosodimethylamine	3.49	42	42279	35.594	ng	# 53
6) Aniline	6.92	93	46092	13.840	ng	# 93
8) 2-Chlorophenol	7.13	128	75532	33.963	ng	93
9) Benzaldehyde	6.74	77	37712	23.925	ng	87
10) Phenol	6.79	94	90427	34.339	ng	76
11) bis(2-Chloroethyl)ether	7.02	93	64257	30.846	ng	96
12) 1,3-Dichlorobenzene	7.45	146	83332	30.742	ng	# 92
13) 1,4-Dichlorobenzene	7.60	146	84362	30.655	ng	98
14) 1,2-Dichlorobenzene	7.91	146	81461	30.393	ng	98
15) Benzyl Alcohol	7.83	79	66398	30.366	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.10	45	85619	29.665	ng	98
17) 2-Methylphenol	8.02	107	61680	32.839	ng	# 90
18) Hexachloroethane	8.62	117	36115	30.228	ng	94
19) n-Nitroso-di-n-propylamine	8.38	70	57941	29.572	ng	# 88
20) 3+4-Methylphenols	8.35	107	80092	31.574	ng	92
22) Acetophenone	8.40	105	112833	34.752	ng	# 90
24) Nitrobenzene	8.78	77	93985	35.277	ng	93
25) Isophorone	9.30	82	154105	33.370	ng	# 97
26) 2-Nitrophenol	9.48	139	39147	34.689	ng	# 68
27) 2,4-Dimethylphenol	9.53	122	65509	38.511	ng	88
28) bis(2-Chloroethoxy)methane	9.77	93	91816	33.607	ng	98
29) 2,4-Dichlorophenol	10.00	162	73037	35.581	ng	99
30) 1,2,4-Trichlorobenzene	10.20	180	84967	33.604	ng	98
31) Naphthalene	10.39	128	224262	34.117	ng	100
33) 4-Chloroaniline	10.54	127	16195	5.887	ng	# 95
34) Hexachlorobutadiene	10.65	225	72695	33.508	ng	98
35) Caprolactam	11.36	113	15424m	27.953	ng	
36) 4-Chloro-3-methylphenol	11.66	107	72665	33.490	ng	96
37) 2-Methylnaphthalene	12.01	142	161094	33.529	ng	# 92
38) 1-Methylnaphthalene	12.23	142	152627	33.257	ng	# 98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	109466	36.788	ng	99
41) Hexachlorocyclopentadiene	12.34	237	103752	62.196	ng	98

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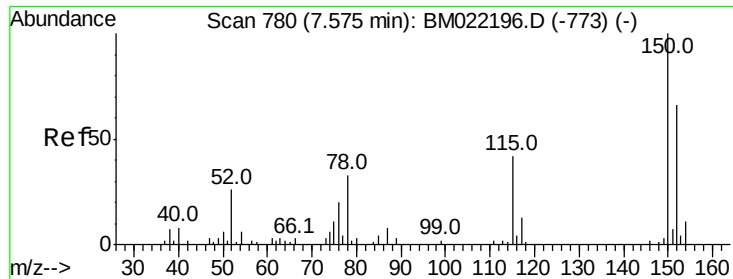
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.64	196	62834	35.226	ng	98
44) 2,4,5-Trichlorophenol	12.72	196	63009	34.800	ng	# 92
46) 1,1'-Biphenyl	13.04	154	209253	35.002	ng	98
47) 2-Chloronaphthalene	13.09	162	163726	33.277	ng	95
48) 2-Nitroaniline	13.33	65	48176	30.978	ng	# 81
49) Acenaphthylene	13.94	152	257359	34.102	ng	99
50) Dimethylphthalate	13.70	163	300148	46.963	ng	100
51) 2,6-Dinitrotoluene	13.83	165	42420	33.609	ng	# 56
52) Acenaphthene	14.29	154	146302	33.243	ng	98
53) 3-Nitroaniline	14.17	138	22352	17.783	ng	99
54) 2,4-Dinitrophenol	14.40	184	8908	16.663	ng	# 65
55) Dibenzofuran	14.63	168	244081	33.376	ng	# 89
56) 4-Nitrophenol	14.49	139	58072	69.321	ng	# 51
57) 2,4-Dinitrotoluene	14.64	165	57354	31.653	ng	# 59
58) Fluorene	15.28	166	190282	30.864	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	59559	32.993	ng	# 93
60) Diethylphthalate	15.07	149	215496	31.974	ng	96
61) 4-Chlorophenyl-phenylether	15.28	204	121029	31.149	ng	95
62) 4-Nitroaniline	15.34	138	32741	28.144	ng	# 50
63) Azobenzene	15.57	77	212910	32.783	ng	83
65) 4,6-Dinitro-2-methylphenol	15.40	198	23486	28.653	ng	86
66) n-Nitrosodiphenylamine	15.50	169	158138	35.066	ng	99
67) 4-Bromophenyl-phenylether	16.17	248	71575	34.342	ng	# 91
68) Hexachlorobenzene	16.28	284	76089	32.135	ng	# 84
69) Atrazine	16.47	200	59429	39.795	ng	97
70) Pentachlorophenol	16.64	266	69732	60.532	ng	99
71) Phenanthrene	17.03	178	267355	32.779	ng	98
72) Anthracene	17.12	178	272560	33.664	ng	99
73) Carbazole	17.41	167	217584	32.206	ng	# 97
74) Di-n-butylphthalate	17.96	149	319676	31.186	ng	# 97
75) Fluoranthene	19.06	202	303152	30.822	ng	98
77) Benzidine	19.27	184	94149	33.377	ng	99
78) Pyrene	19.42	202	302812	34.208	ng	99
80) Butylbenzylphthalate	20.33	149	126203	31.875	ng	# 82
81) Benzo(a)anthracene	21.18	228	287813	32.542	ng	99
82) 3,3'-Dichlorobenzidine	21.12	252	88816	28.802	ng	99
83) Chrysene	21.23	228	281792	33.005	ng	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	189161	31.768	ng	# 91
85) Di-n-octyl phthalate	21.97	149	302059	31.341	ng	# 93
86) Indeno(1,2,3-cd)pyrene	25.59	276	391338	40.920	ng	96
88) Benzo(b)fluoranthene	22.73	252	310769m	31.674	ng	
89) Benzo(k)fluoranthene	22.78	252	294655	30.723	ng	99
90) Benzo(a)pyrene	23.30	252	298667	33.425	ng	99
91) Dibenzo(a,h)anthracene	25.59	278	328566	34.606	ng	# 98
92) Benzo(g,h,i)perylene	26.26	276	307057	36.992	ng	96

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



#1

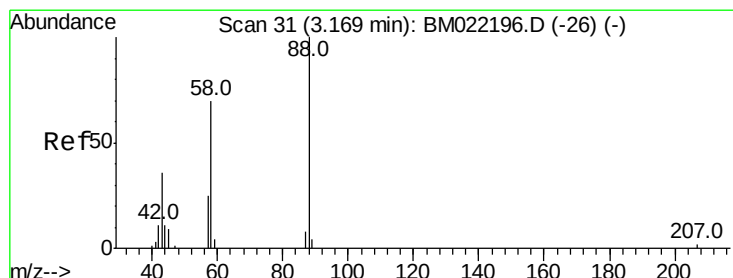
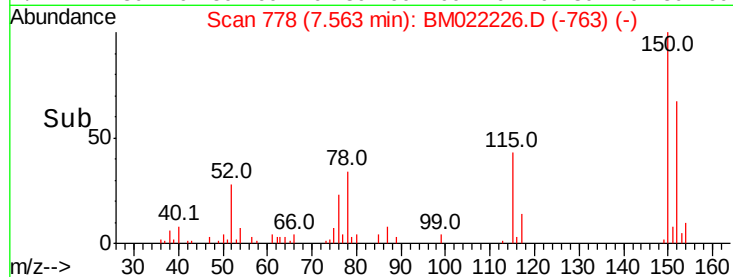
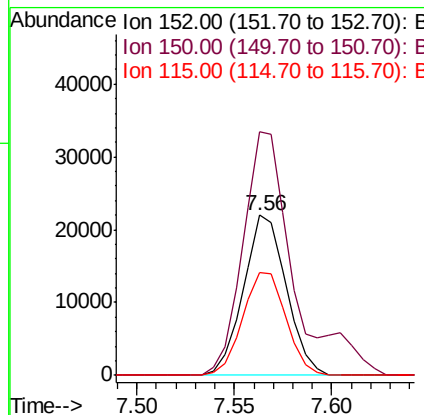
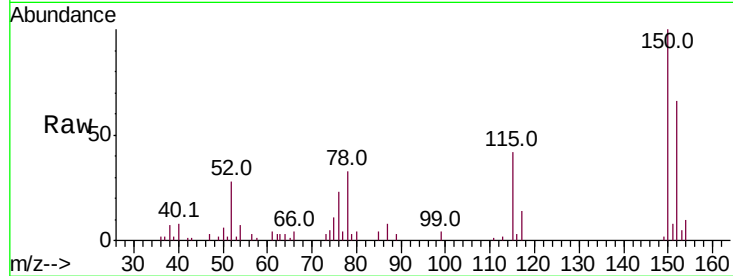
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.1	184.7
115	63.8	44.2	66.4

Manual Integrations
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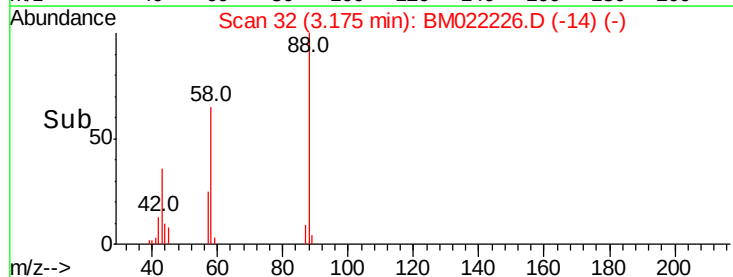
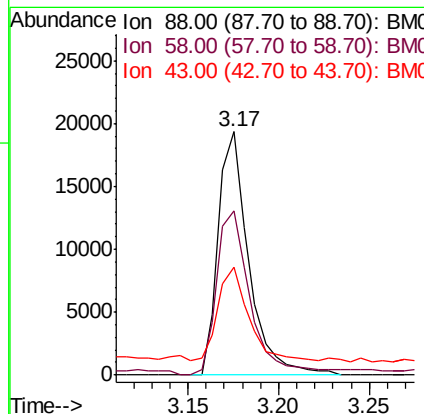
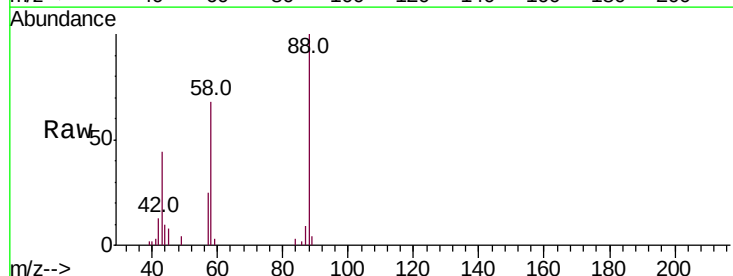
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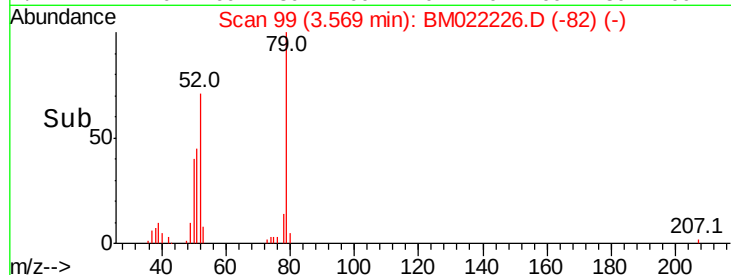
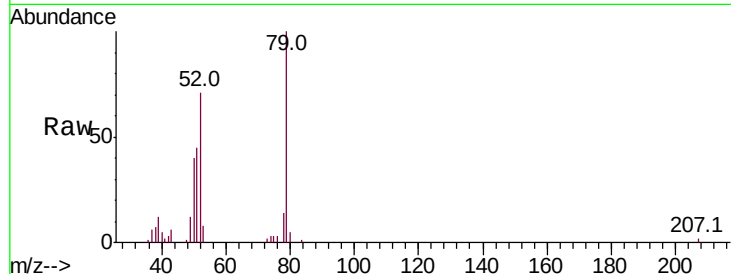
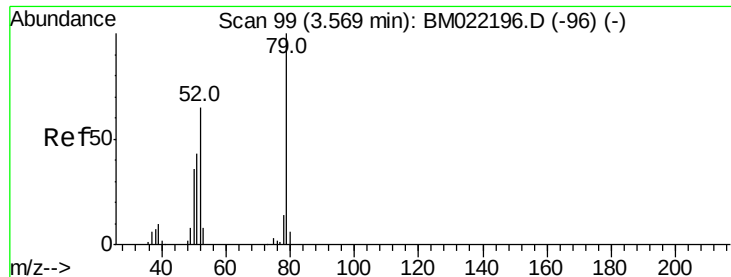


#2

1,4-Dioxane
Concen: 28.971 ng
RT: 3.17 min Scan# 32
Delta R.T. 0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	51.9	77.9
43	40.7	21.4	32.2





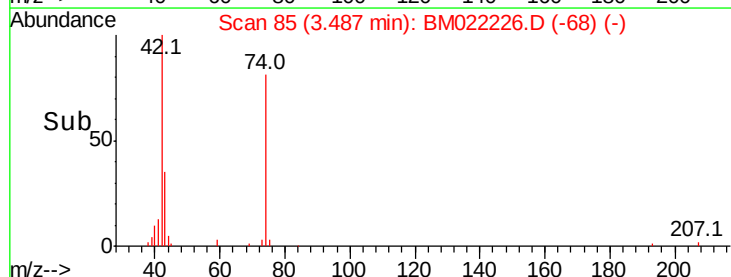
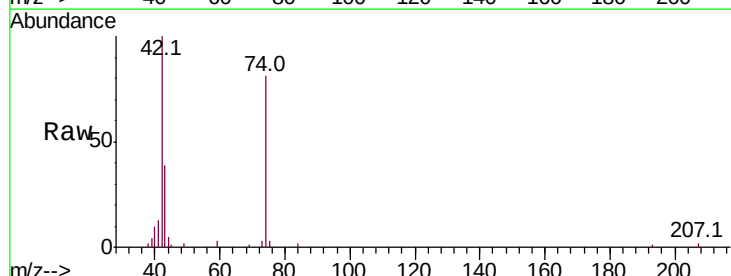
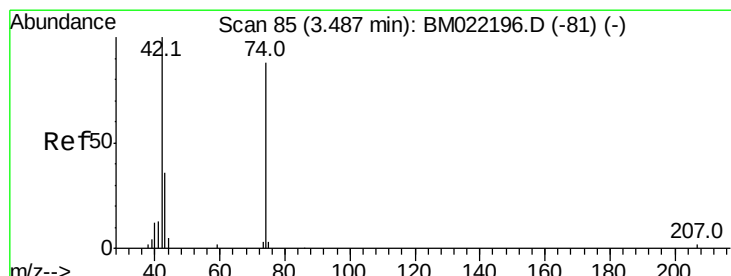
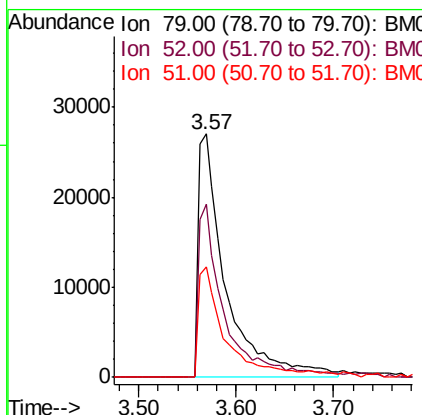
#3
 Pvrindine
 Concen: 26.553 ng
 RT: 3.57 min Scan# 99
 Delta R.T. 0.00 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tot Ion	Ratio	Lower	Upper
79	100		
52	70.9	48.8	73.2
51	45.4	25.7	38.5#

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

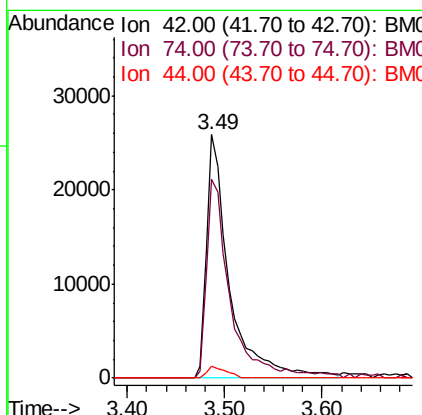
Manual Integrations
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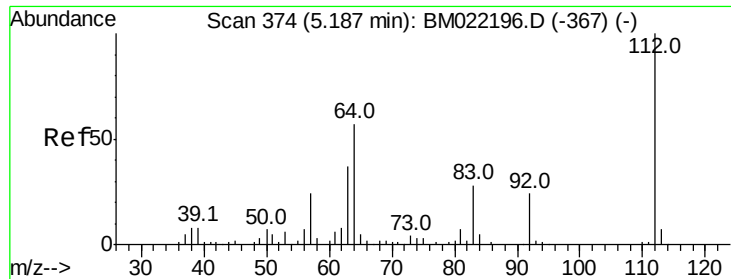
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#4
 n-Nitrosodimethylamine
 Concen: 35.594 ng
 RT: 3.49 min Scan# 85
 Delta R.T. 0.00 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
42	100		
74	81.5	113.8	170.6#
44	5.1	8.2	12.2#





#5

2-Fluorophenol

Concen: 104.774 ng

RT: 5.18 min Scan# 373

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

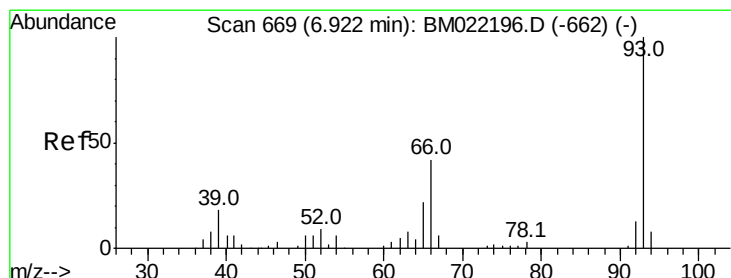
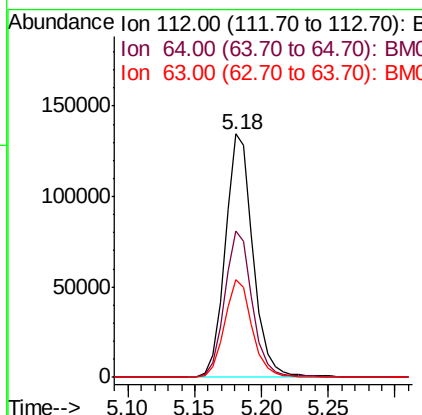
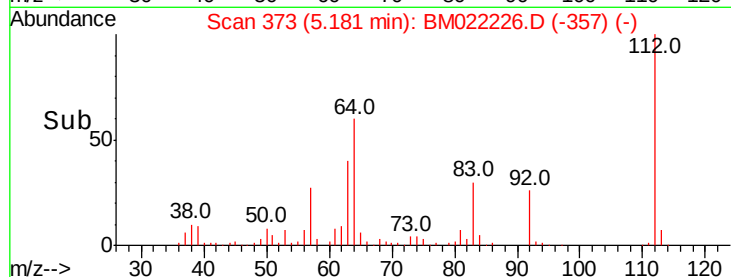
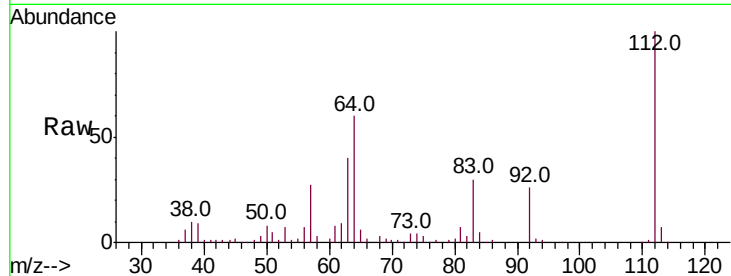
ClientSampleId :

SB-05(13-14)MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.9	45.2	67.8
63	40.1	23.5	35.3#

Manual Integrations
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#6

Aniline

Concen: 13.840 ng

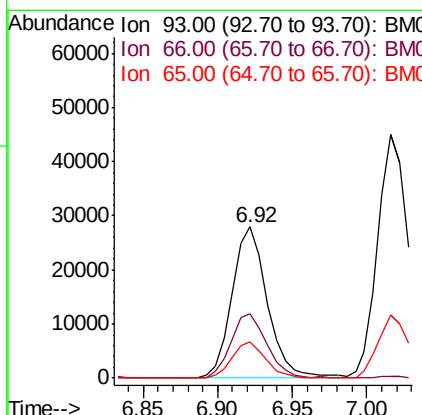
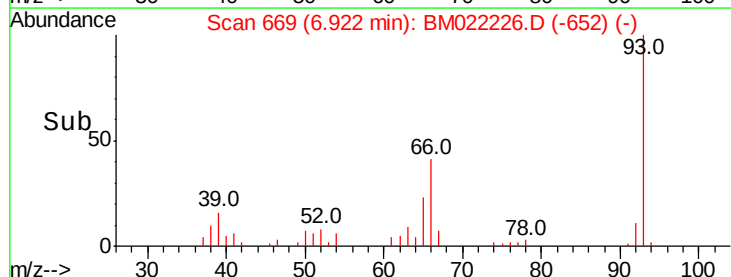
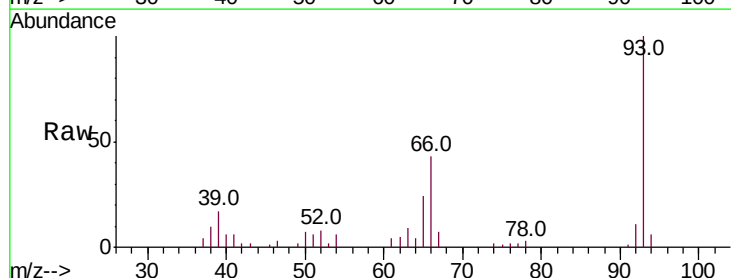
RT: 6.92 min Scan# 669

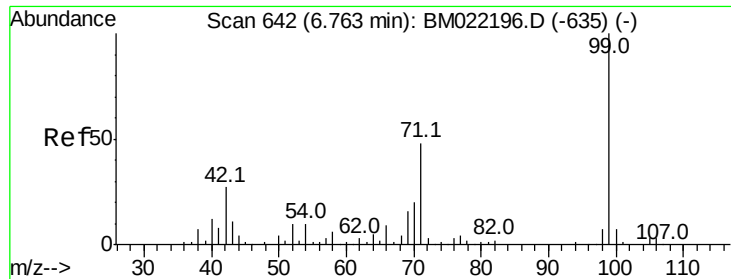
Delta R.T. 0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	43.0	31.3	46.9
65	24.1	15.9	23.9#





#7

Phenol-d6

Concen: 103.867 ng

RT: 6.76 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

Tot Ion: 99 Resp: 258360

Ion Ratio Lower Upper

99 100

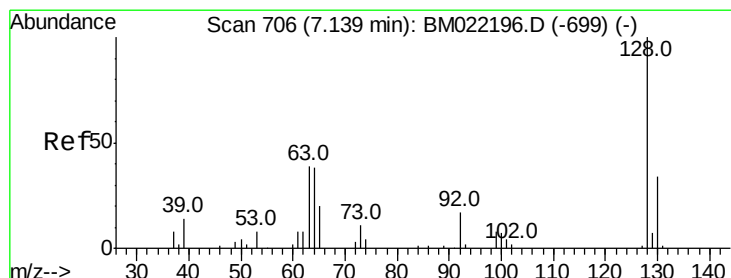
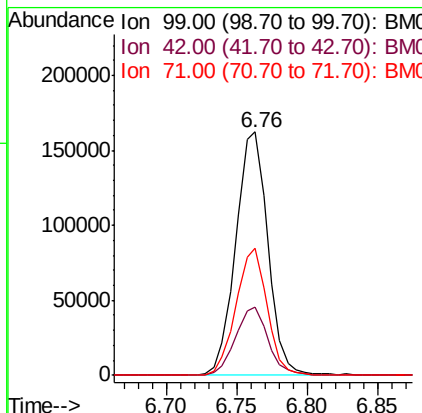
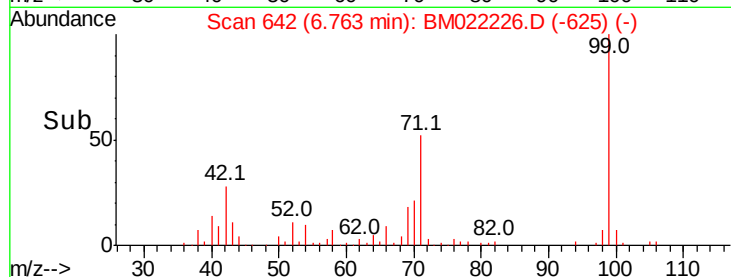
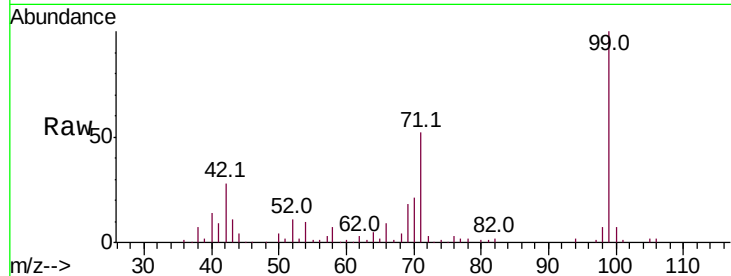
42 27.9 13.5 20.3#

71 52.3 29.3 43.9#

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#8

2-Chlorophenol

Concen: 33.963 ng

RT: 7.13 min Scan# 705

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

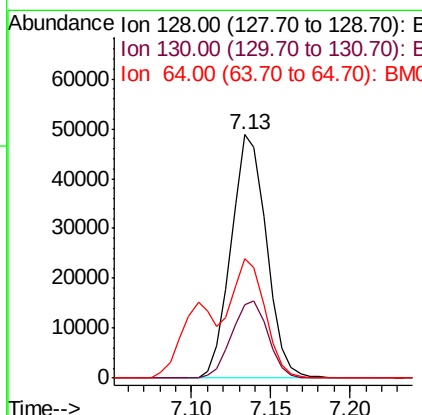
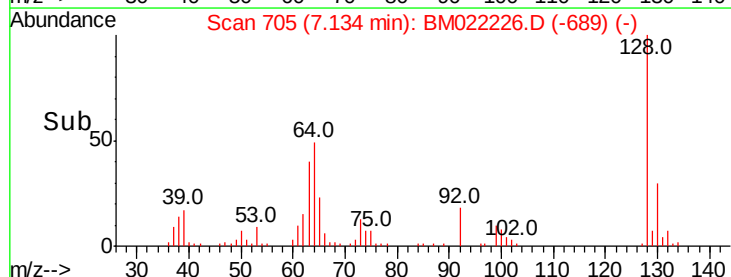
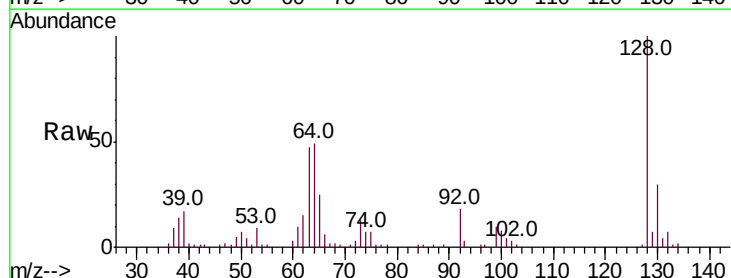
Tgt Ion: 128 Resp: 75532

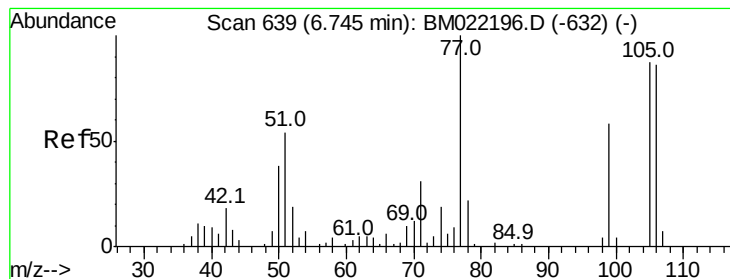
Ion Ratio Lower Upper

128 100

130 30.2 12.2 52.2

64 48.9 23.2 63.2





#9

Benzaldehyde

Concen: 23.925 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

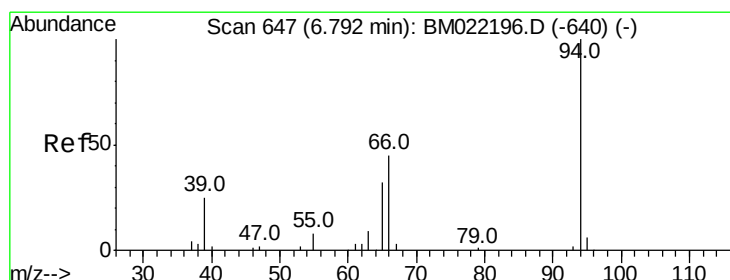
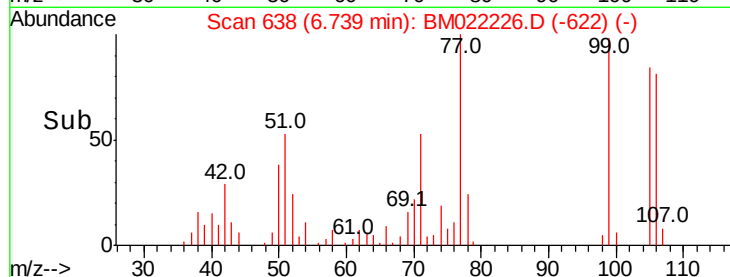
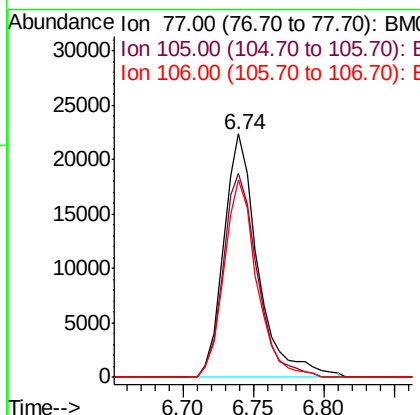
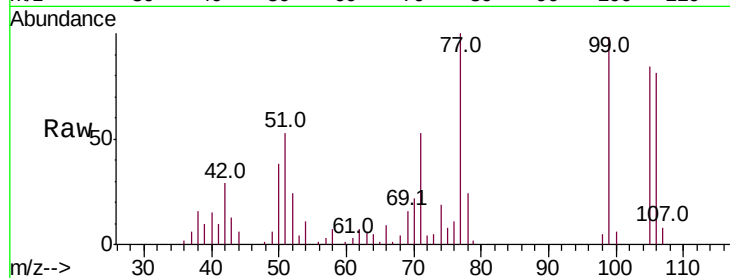
ClientSampleId :

SB-05(13-14)MSD

Tot Ion:	77	Resp:	37712
Ion	Ratio	Lower	Upper
77	100		
105	83.9	77.8	117.8
106	80.9	71.8	111.8

Manual Integrations
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#10

Phenol

Concen: 34.339 ng

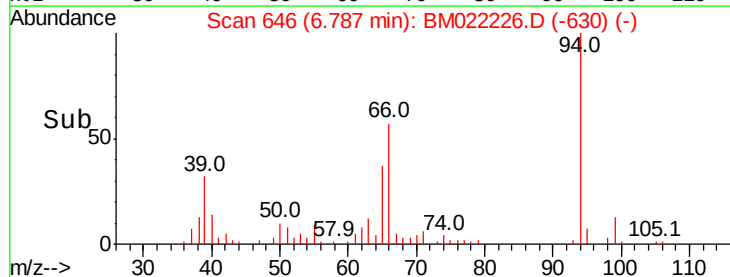
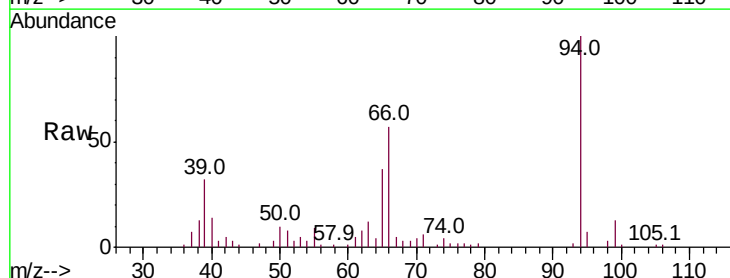
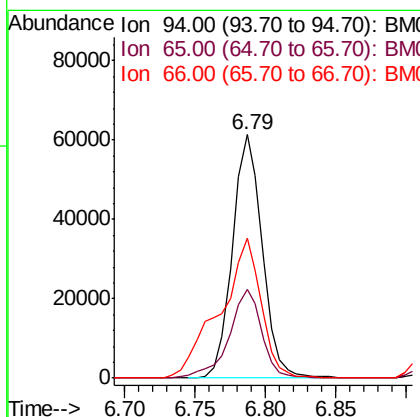
RT: 6.79 min Scan# 646

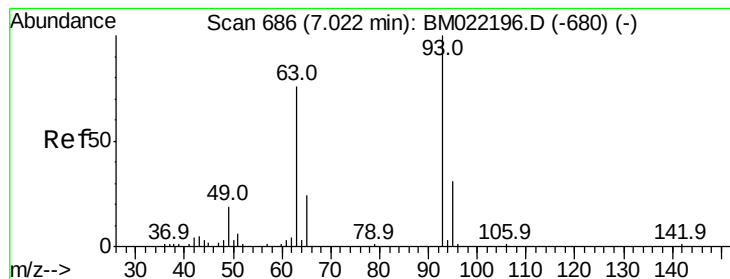
Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:	94	Resp:	90427
Ion	Ratio	Lower	Upper
94	100		
65	36.6	8.7	48.7
66	57.3	19.0	59.0





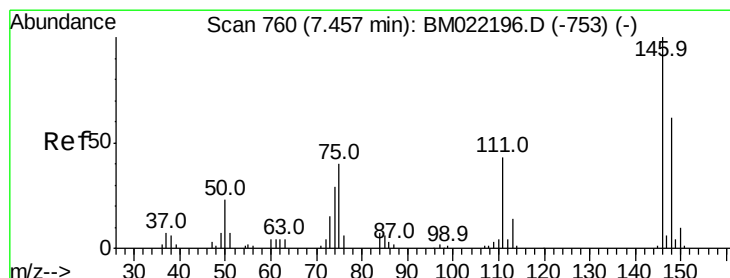
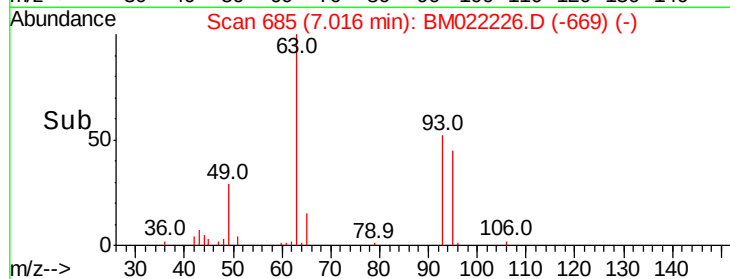
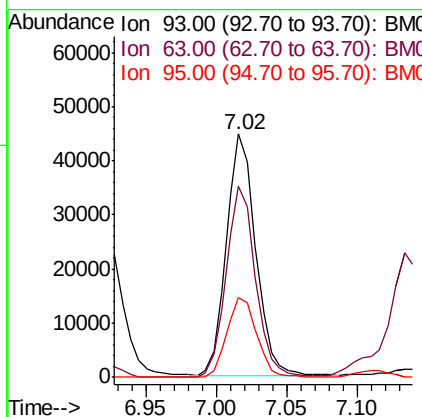
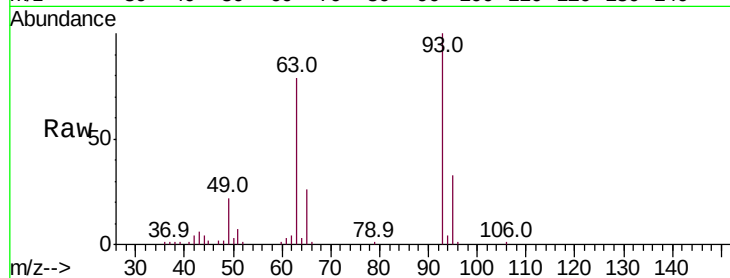
#11
bis(2-Chloroethyl)ether
Concen: 30.846 ng
RT: 7.02 min Scan# 685
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.5	53.4	93.4
95	32.9	13.0	53.0

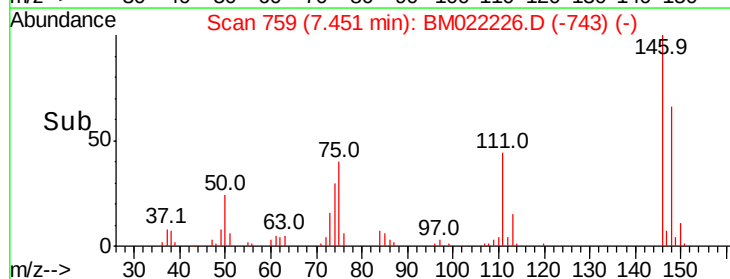
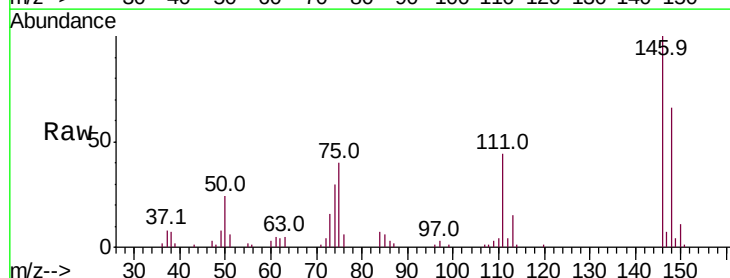
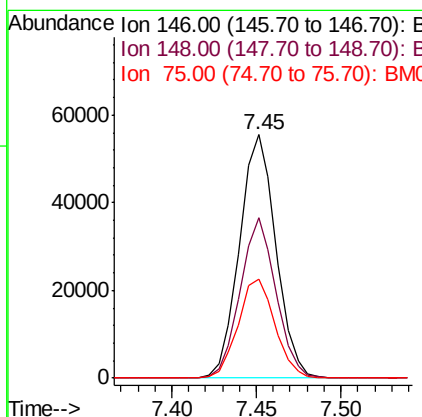
Manual Integrations
APPROVED

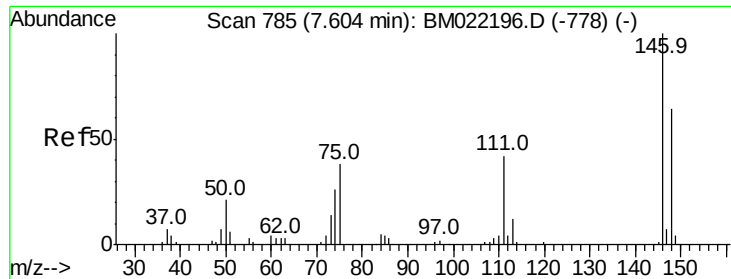
Jagrut
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#12
1,3-Dichlorobenzene
Concen: 30.742 ng
RT: 7.45 min Scan# 759
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.2
75	40.4	22.2	33.4





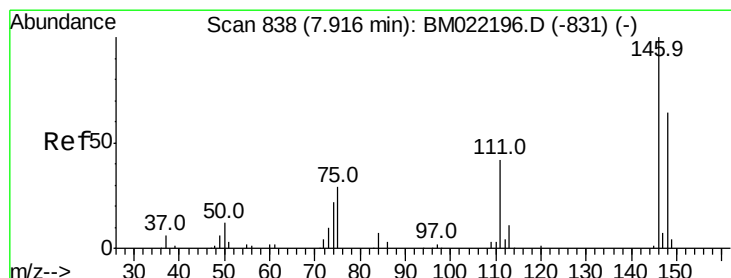
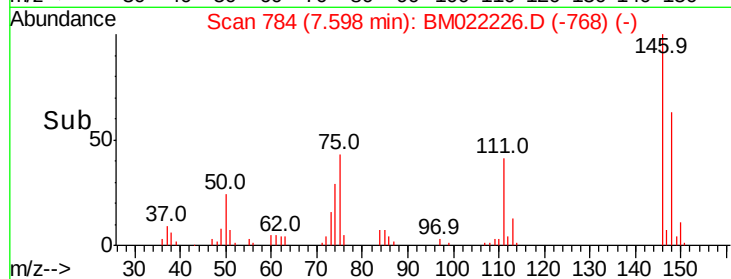
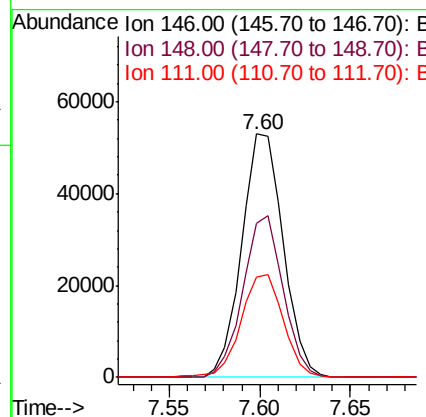
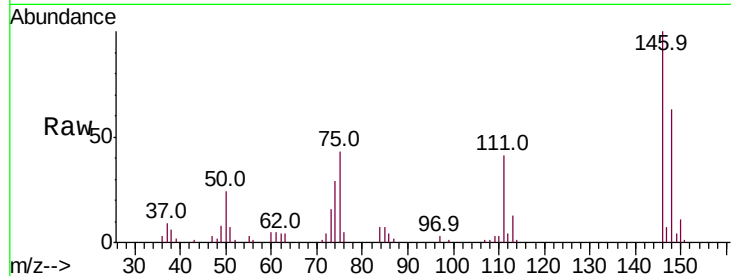
#13
 1,4-Dichlorobenzene
 Concen: 30.655 ng
 RT: 7.60 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
111	41.1	31.4	47.0

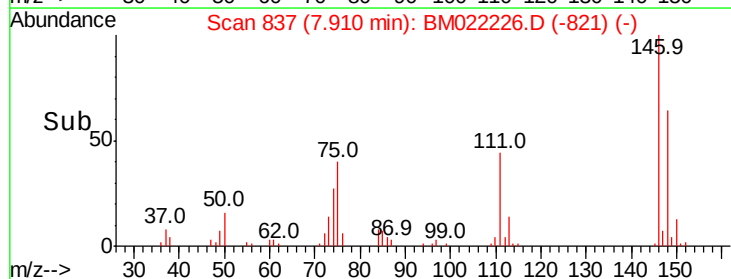
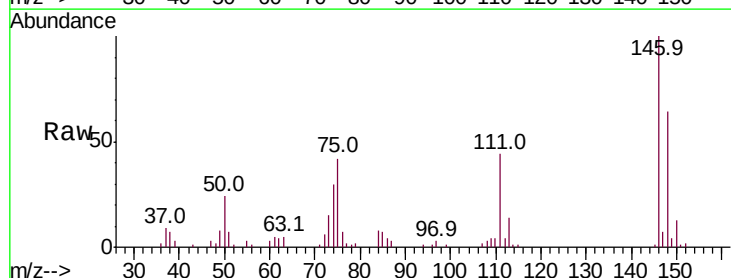
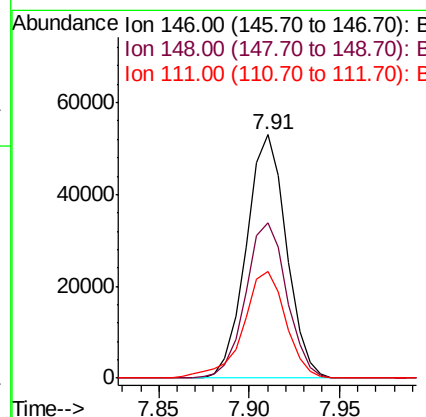
Manual Integrations
 APPROVED

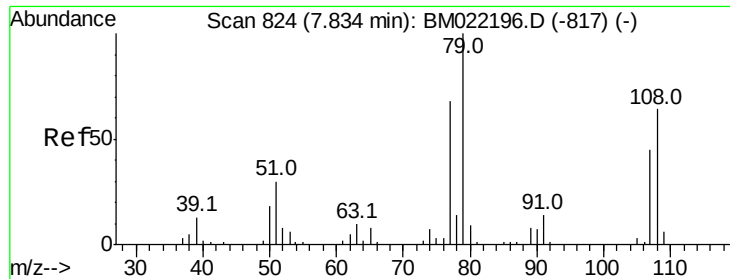
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#14
 1,2-Dichlorobenzene
 Concen: 30.393 ng
 RT: 7.91 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
111	43.9	32.8	49.2





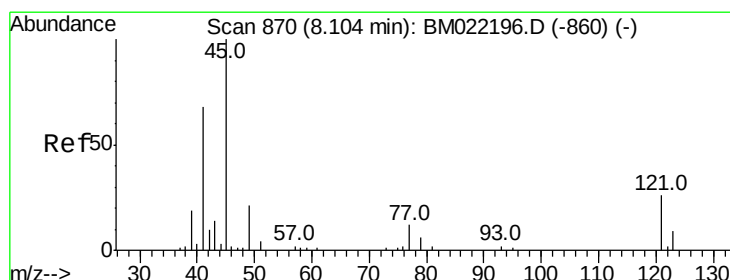
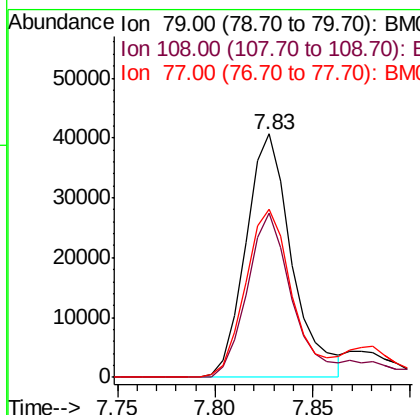
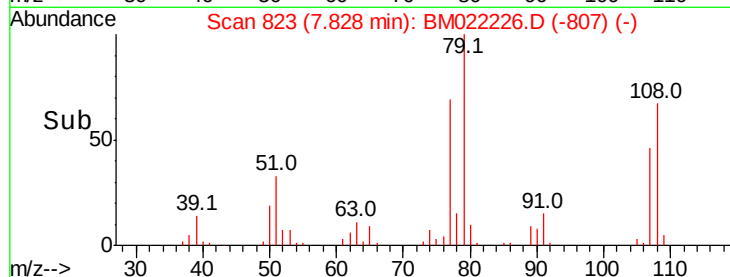
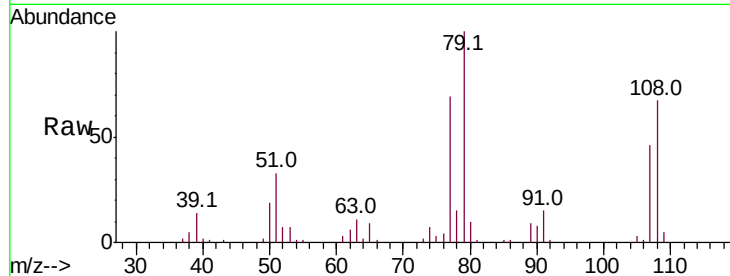
#15
Benzyl Alcohol
Concen: 30.366 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.3	58.4	87.6
77	69.3	50.1	75.1

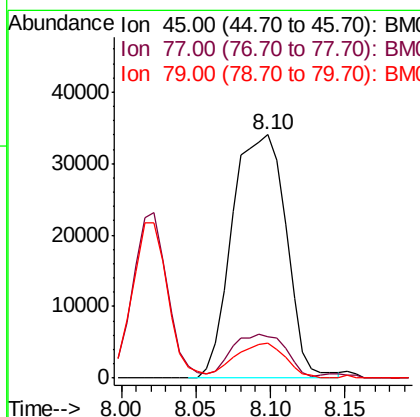
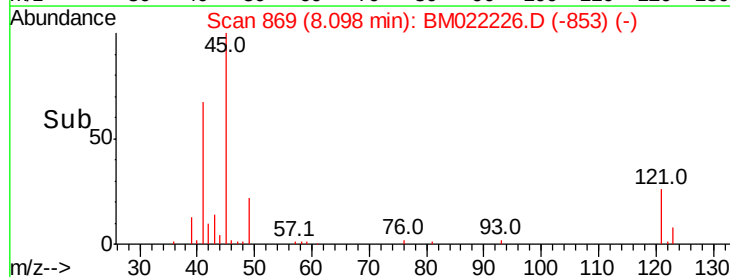
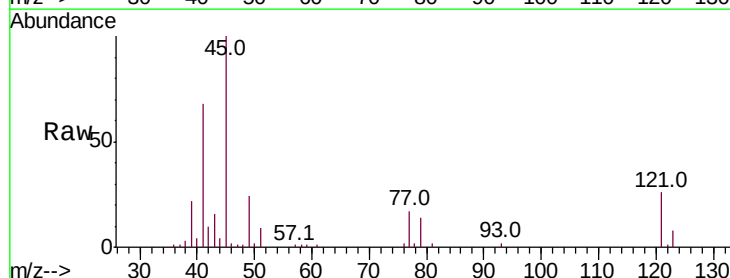
Manual Integrations
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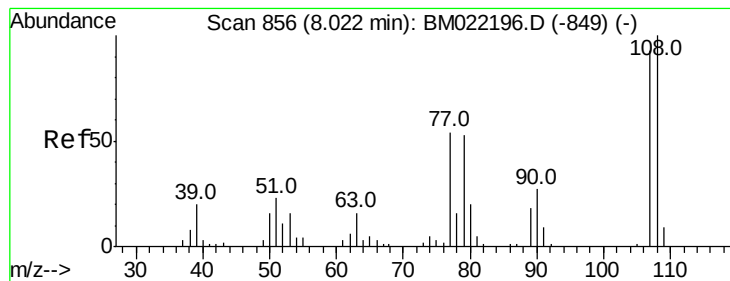
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.665 ng
RT: 8.10 min Scan# 869
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.0	0.0	37.5
79	14.4	0.0	33.5





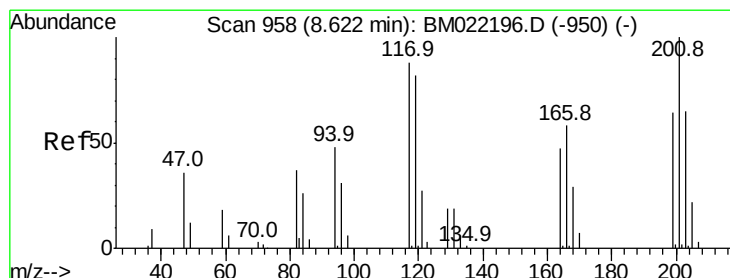
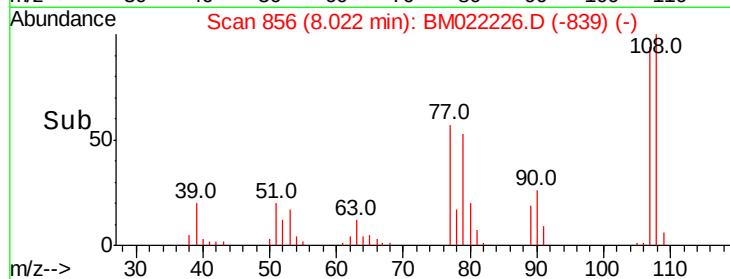
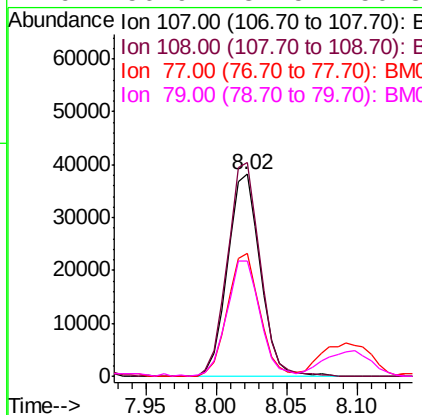
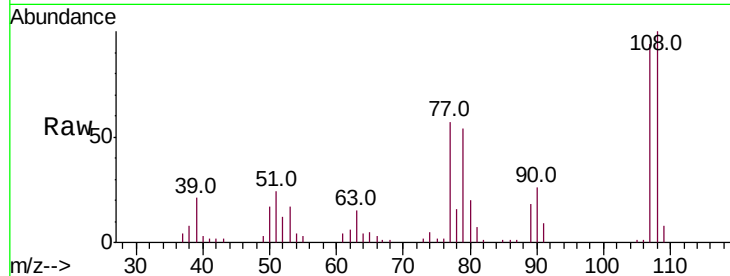
#17
2-Methylphenol
Concen: 32.839 ng
RT: 8.02 min Scan# 856
Delta R.T. 0.00 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	107	Resp	61680
Ion Ratio	Lower	Upper	
107	100		
108	105.8	87.5	131.3
77	60.8	37.8	56.8#
79	56.9	37.5	56.3#

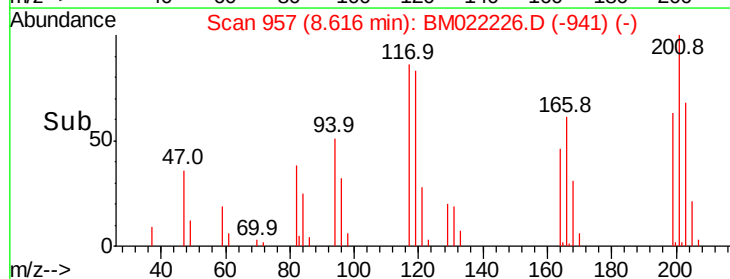
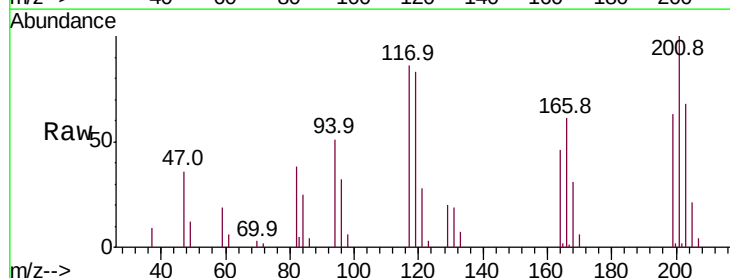
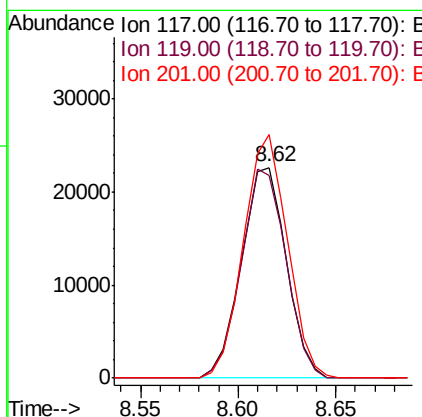
Manual Integrations
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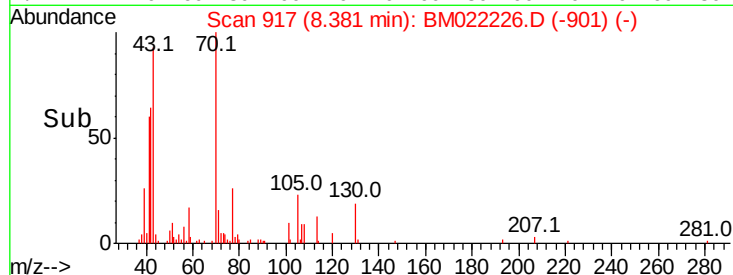
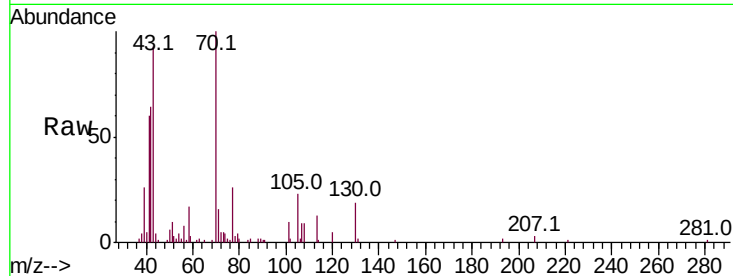
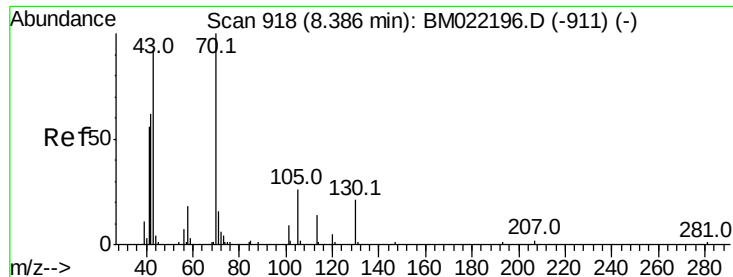
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#18
Hexachloroethane
Concen: 30.228 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	117	Resp	36115
Ion Ratio	Lower	Upper	
117	100		
119	96.5	77.5	116.3
201	115.6	102.3	153.5





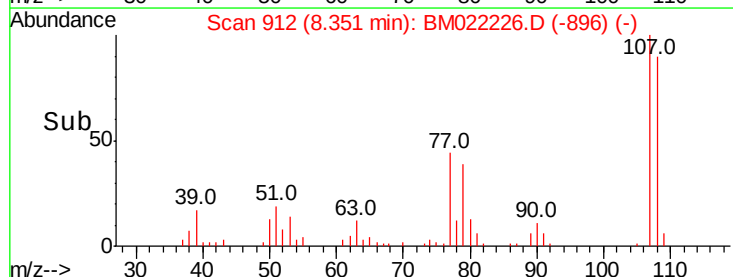
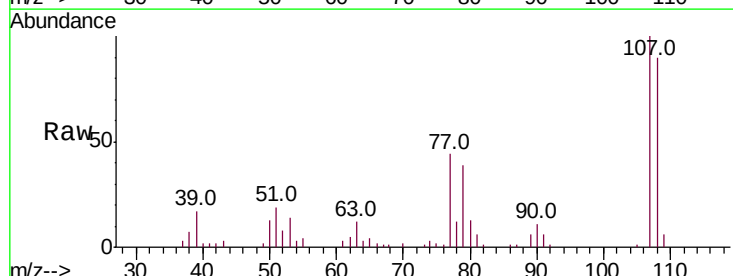
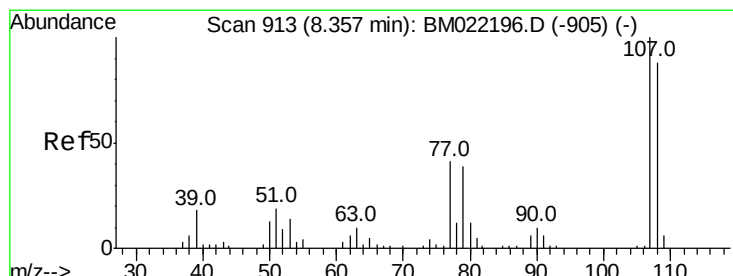
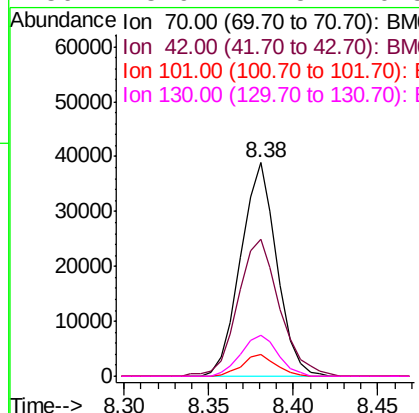
#19
n-Nitroso-di-n-propylamine
Concen: 29.572 ng
RT: 8.38 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	64.4	41.9	62.9#		
101	10.0	8.1	12.1		
130	18.9	17.5	26.3		

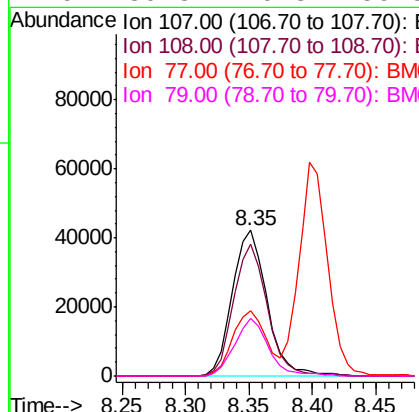
Manual Integrations
APPROVED

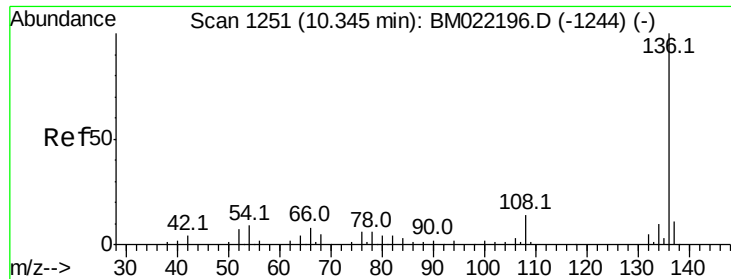
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#20
3+4-Methylphenols
Concen: 31.574 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.1	67.9	107.9		
77	44.5	14.6	54.6		
79	39.3	10.8	50.8		





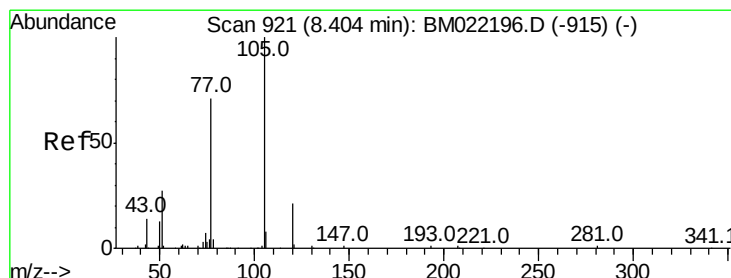
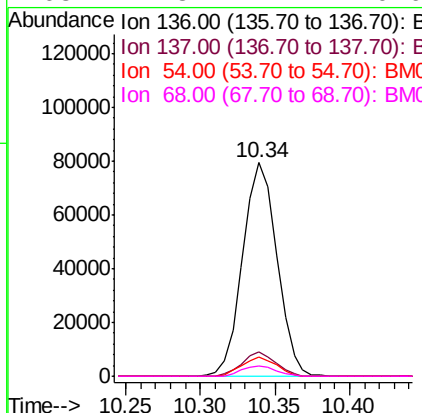
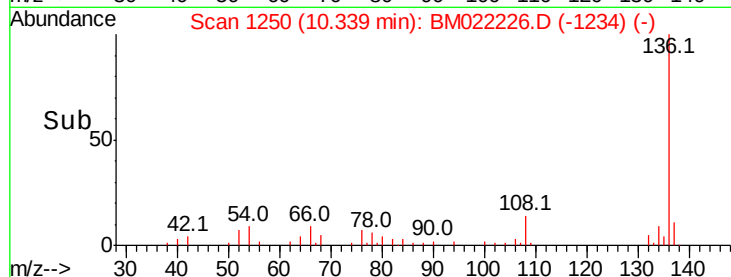
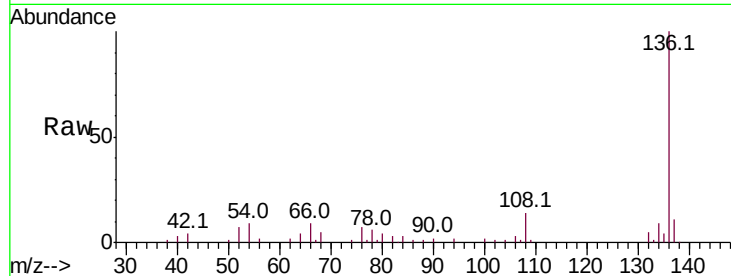
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.6	13.0	
54	8.8	5.3	7.9	
68	4.8	4.4	6.6	

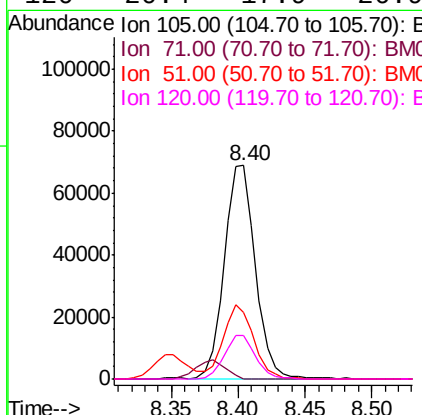
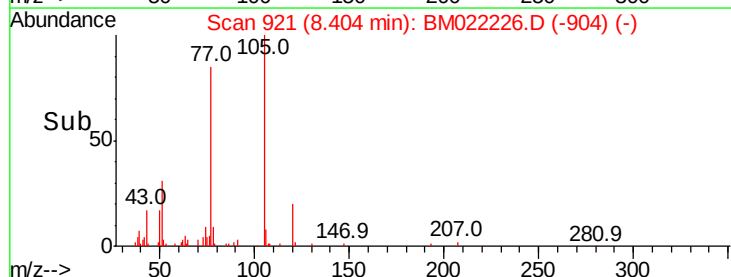
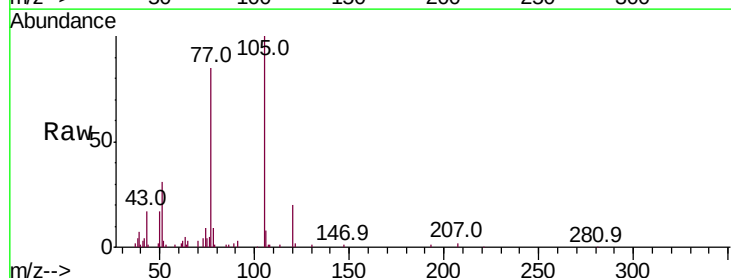
Manual Integrations
APPROVED

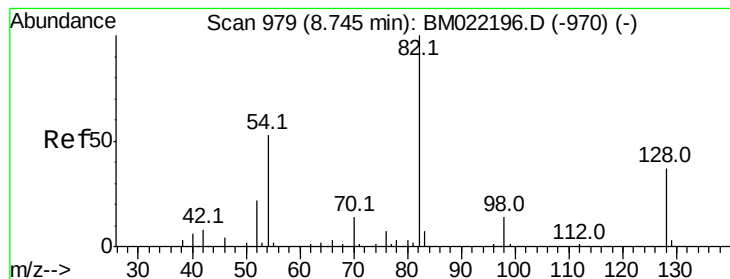
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#22
Acetophenone
Concen: 34.752 ng
RT: 8.40 min Scan# 921
Delta R.T. 0.00 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	1.2	1.8	
51	31.3	19.1	28.7	
120	20.4	17.9	26.9	





#23

Nitrobenzene-d5

Concen: 72.655 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

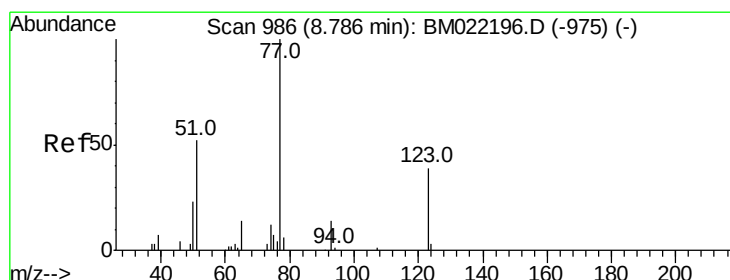
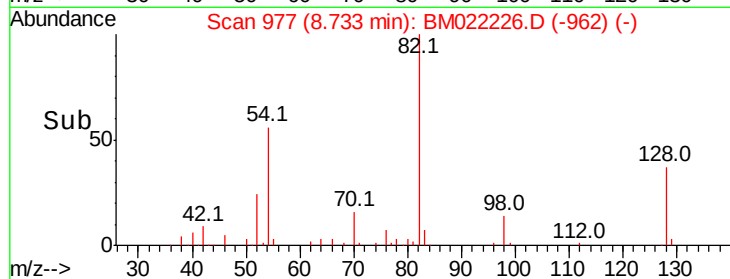
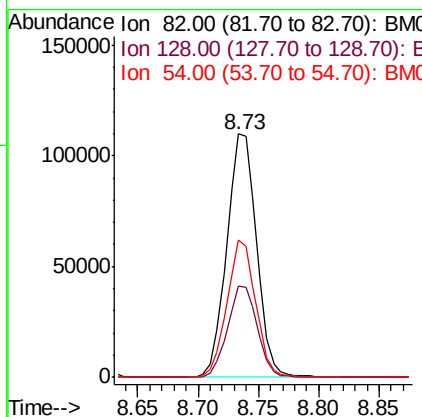
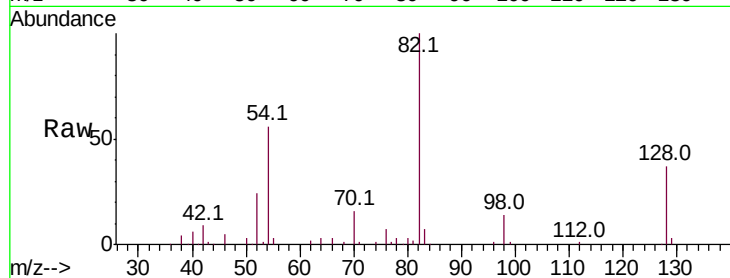
ClientSampleId :

SB-05(13-14)MSD

Tot Ion:	82	Resp:	189062
Ion Ratio	Lower	Upper	
82	100		
128	37.4	35.9	53.9
54	56.3	36.6	55.0#

Manual Integrations
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#24

Nitrobenzene

Concen: 35.277 ng

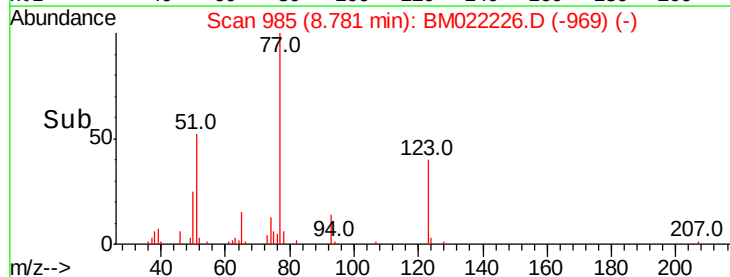
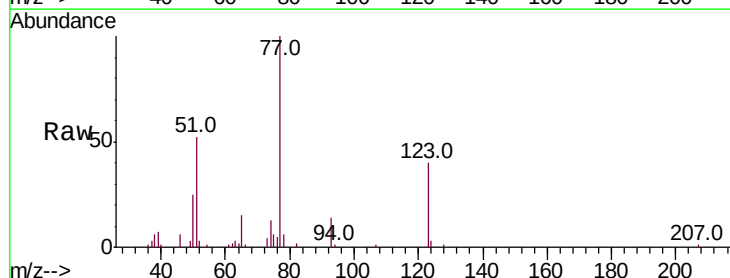
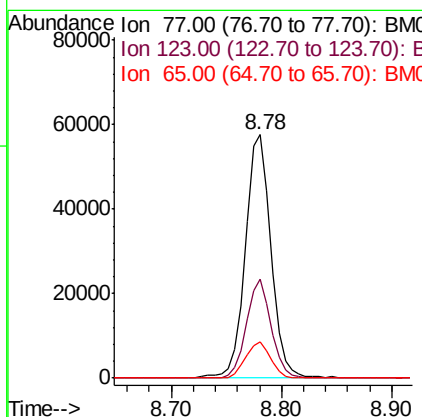
RT: 8.78 min Scan# 985

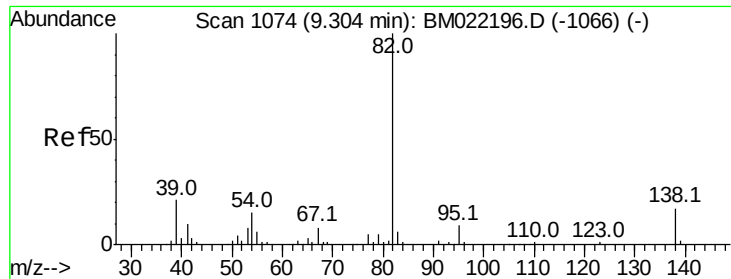
Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:	77	Resp:	93985
Ion Ratio	Lower	Upper	
77	100		
123	40.5	36.3	54.5
65	14.7	10.6	16.0





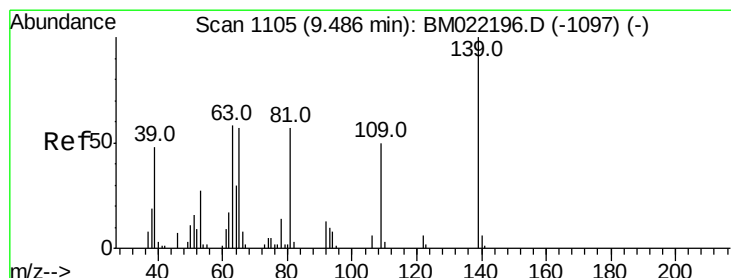
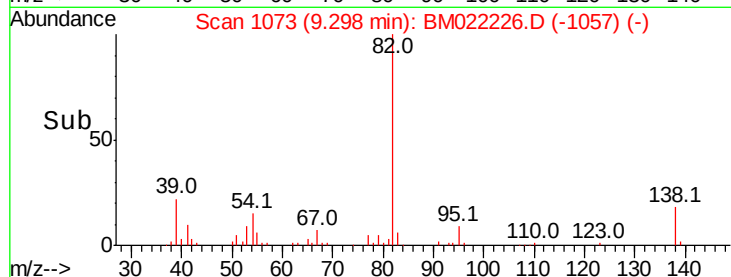
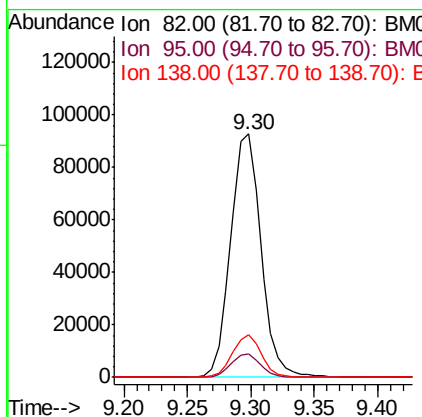
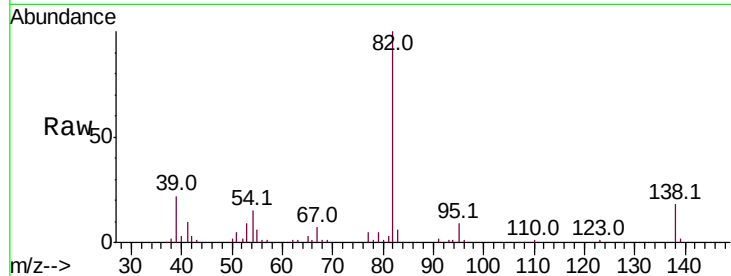
#25
Isophorone
Concen: 33.370 ng
RT: 9.30 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.4	6.1	9.1#	
138	17.6	15.0	22.6	

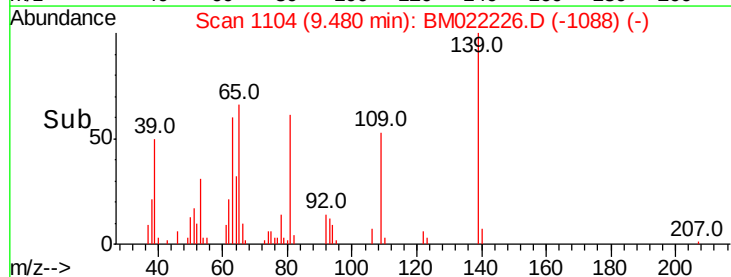
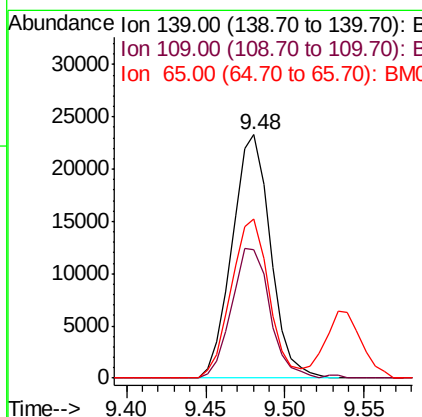
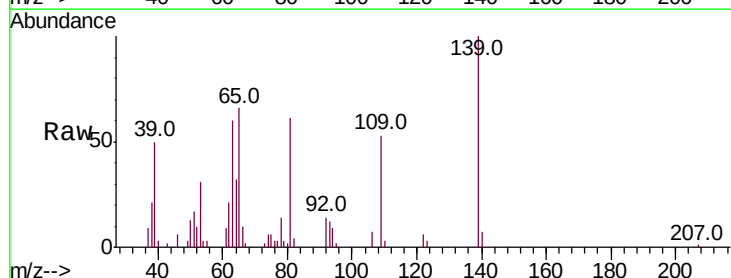
Manual Integrations
APPROVED

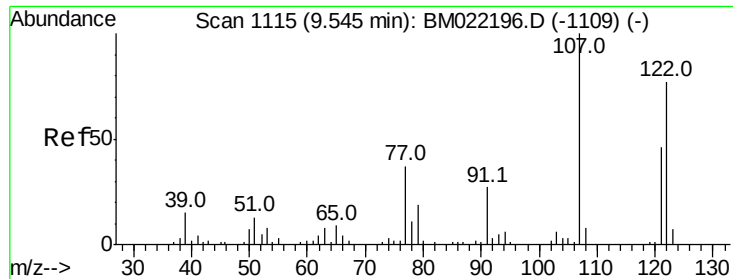
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#26
2-Nitrophenol
Concen: 34.689 ng
RT: 9.48 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	52.8	25.2	37.8#	
65	65.6	37.4	56.0#	





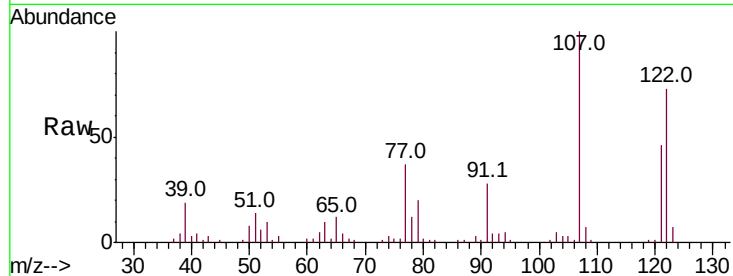
#27
 2,4-Dimethylphenol
 Concen: 38.511 ng
 RT: 9.53 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

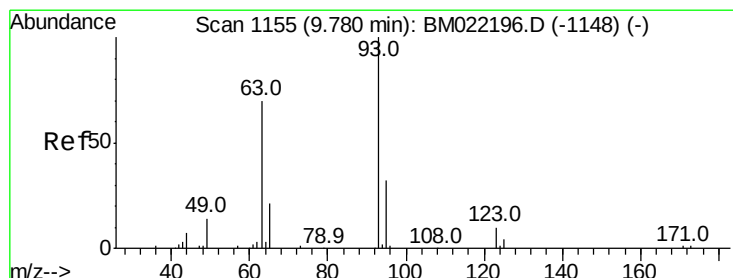
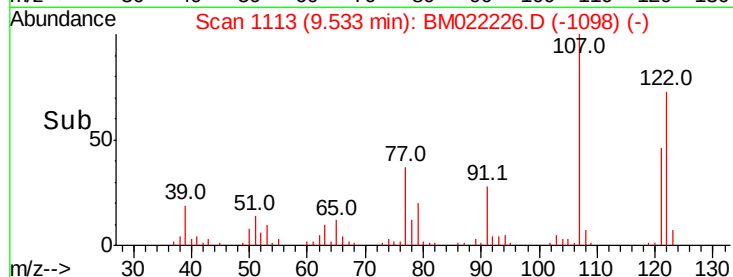
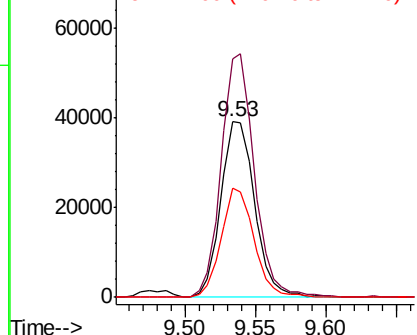
Tot Ion	Ratio	Resp	Lower	Upper
122	100	65509		
107	136.2	95.3	142.9	
121	62.2	47.5	71.3	

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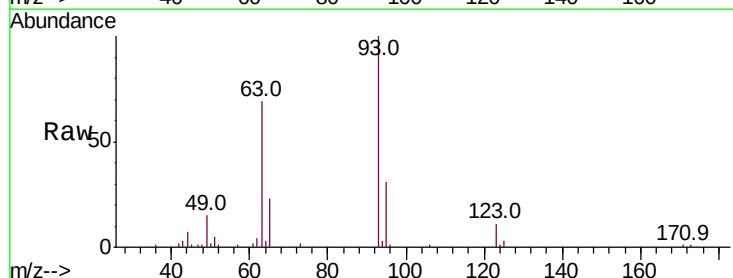


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

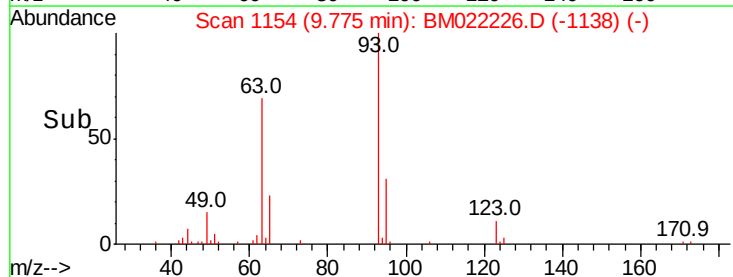
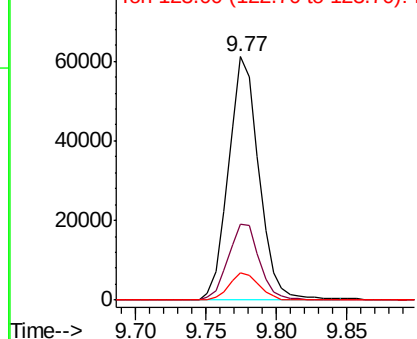


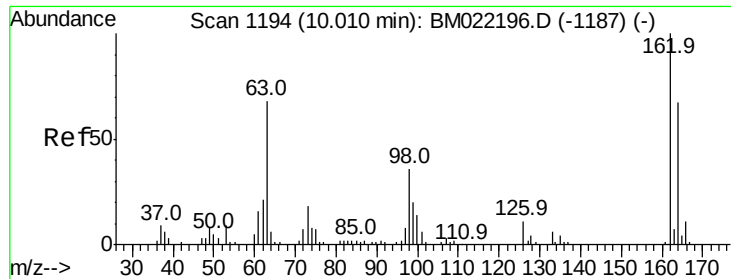
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.607 ng
 RT: 9.77 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	91816		
95	31.2	26.2	39.2	
123	11.2	9.0	13.4	



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E





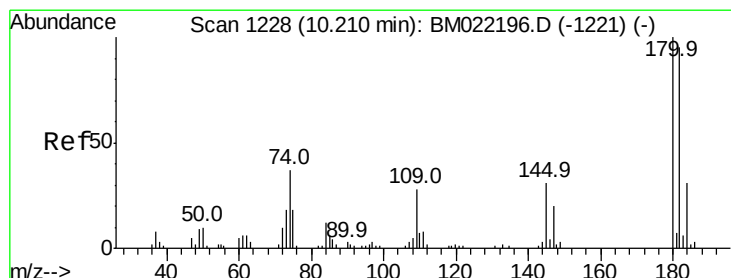
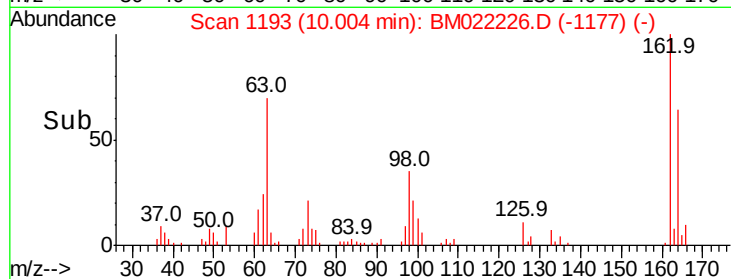
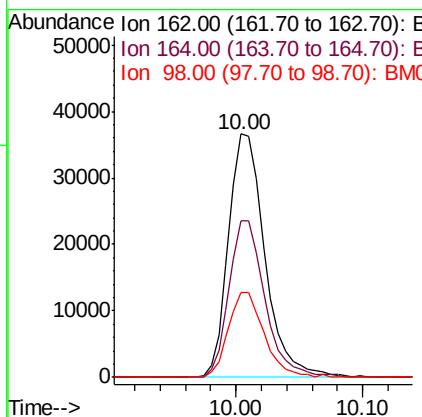
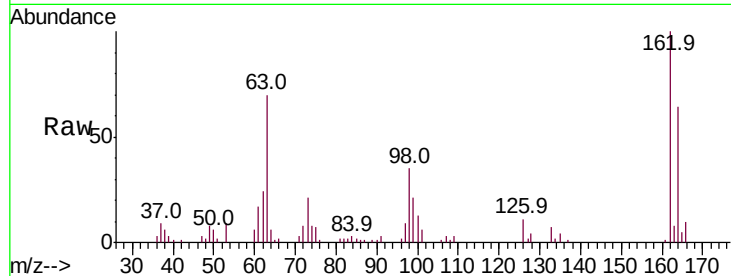
#29
 2,4-Dichlorophenol
 Concen: 35.581 ng
 RT: 10.00 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.7	83.7
98	35.1	13.4	53.4

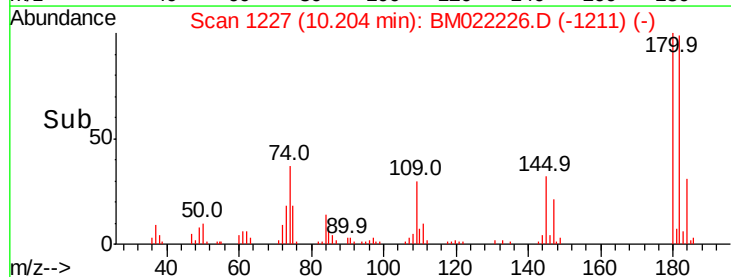
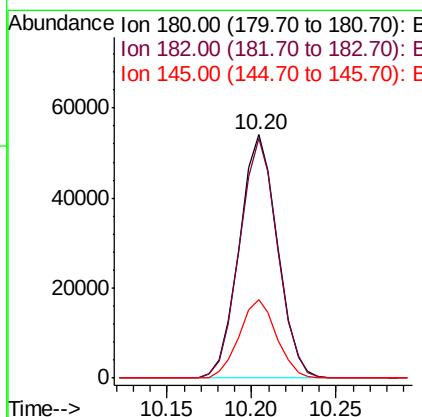
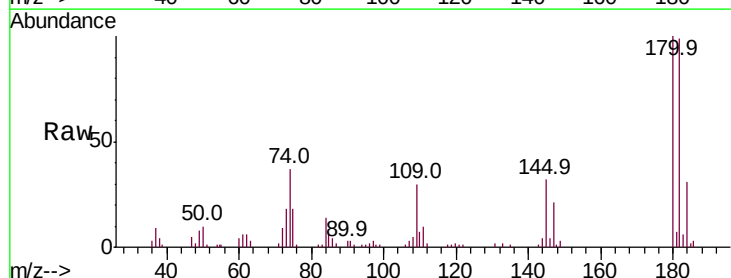
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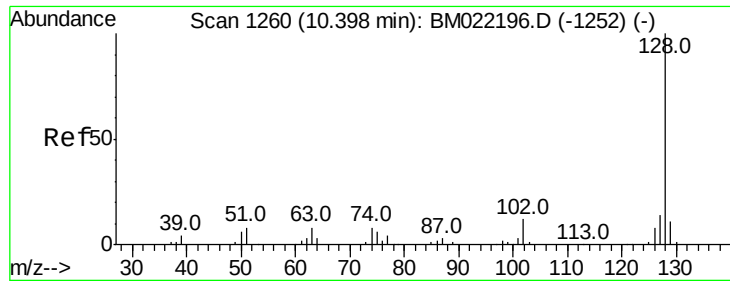
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#30
 1,2,4-Trichlorobenzene
 Concen: 33.604 ng
 RT: 10.20 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	78.0	117.0
145	32.3	23.4	35.0





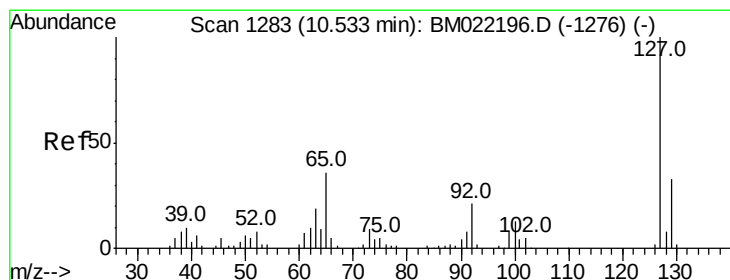
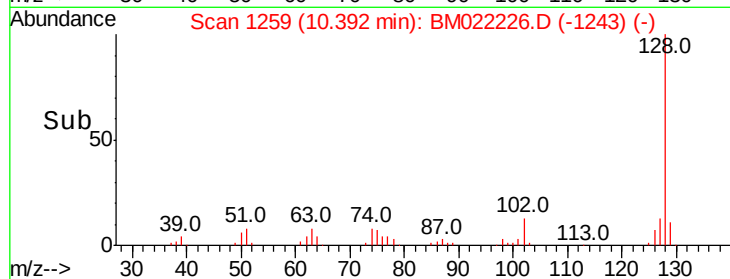
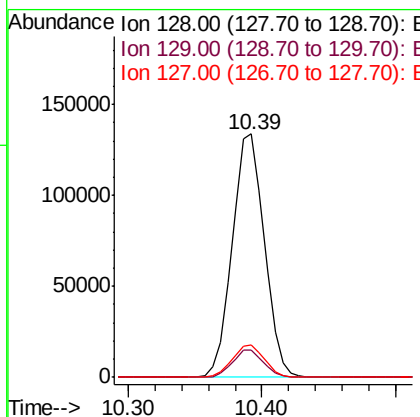
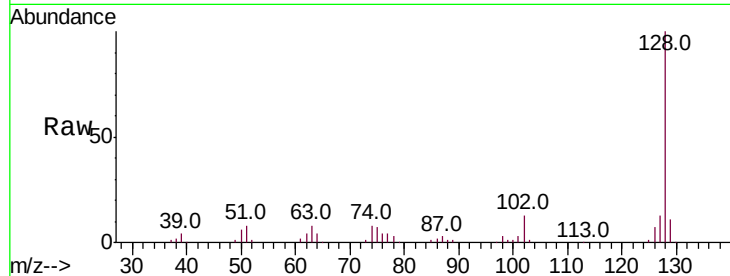
#31
Naphthalene
Concen: 34.117 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.4	10.8	16.2

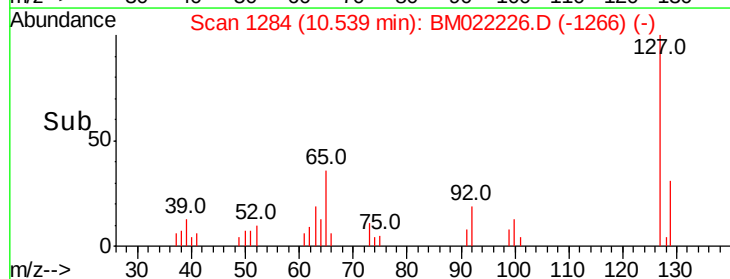
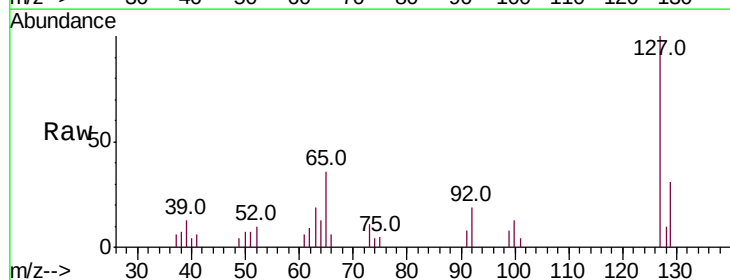
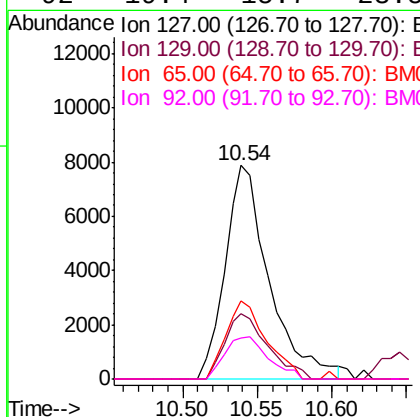
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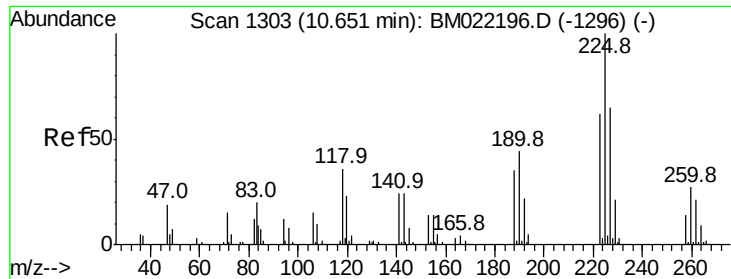
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#33
4-Chloroaniline
Concen: 5.887 ng
RT: 10.54 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.8	25.1	37.7
65	36.4	23.8	35.8
92	19.4	15.7	23.5





#34

Hexachlorobutadiene

Concen: 33.508 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

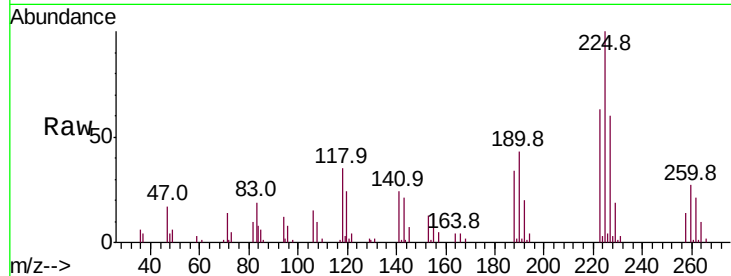
ClientSampleId :

SB-05(13-14)MSD

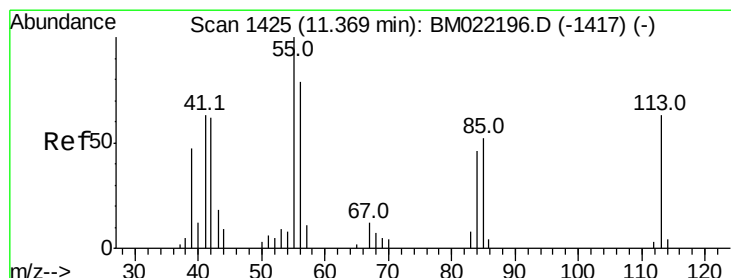
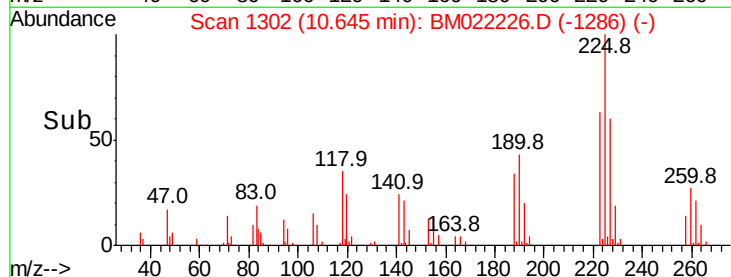
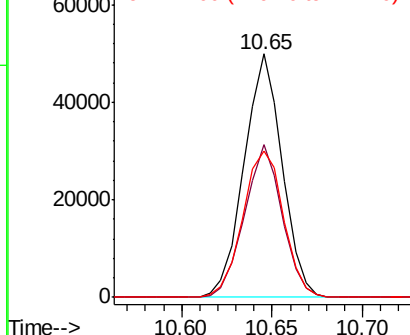
Tot Ion:	225	Resp:	72695
Ion Ratio	Lower	Upper	
225	100		
223	62.9	49.6	74.4
227	60.4	50.4	75.6

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



#35

Caprolactam

Concen: 27.953 ng m

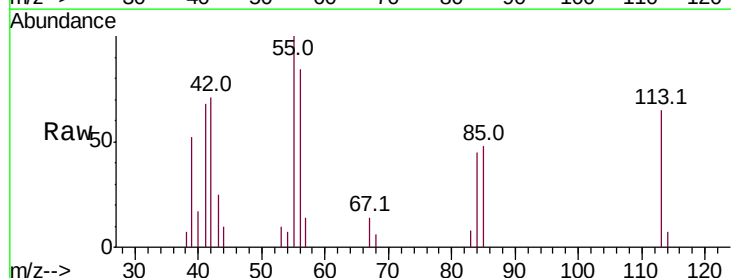
RT: 11.36 min Scan# 1423

Delta R.T. -0.01 min

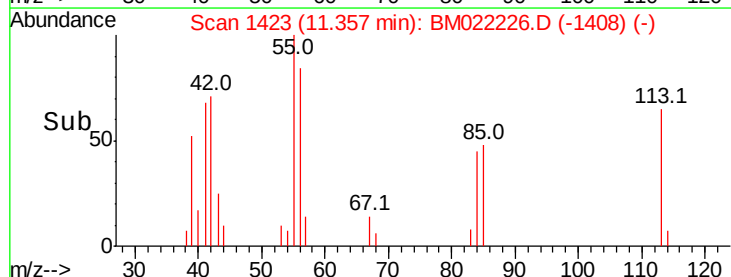
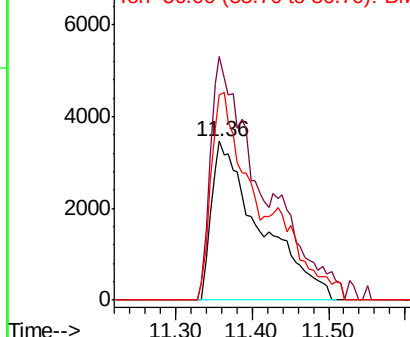
Lab File: BM022226.D

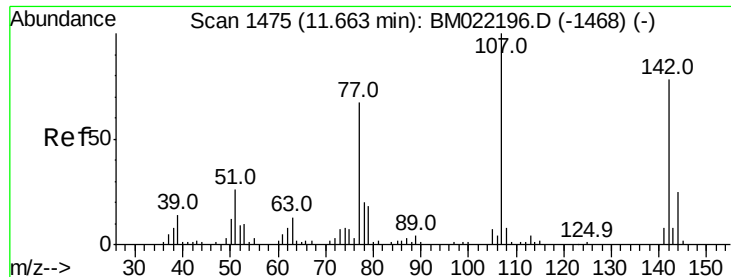
Acq: 21 Aug 2019 13:16

Tgt Ion:	113	Resp:	15424
Ion Ratio	Lower	Upper	
113	100		
55	153.2	129.8	169.8
56	129.0	94.3	134.3



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM
Ion 56.00 (55.70 to 56.70): BM





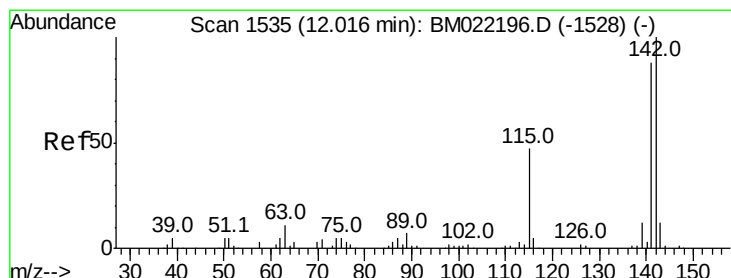
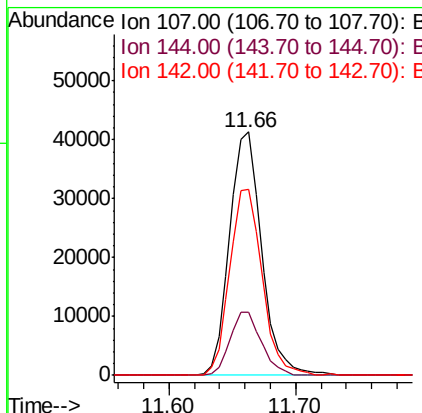
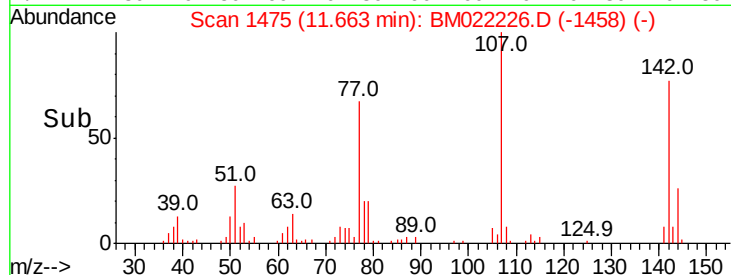
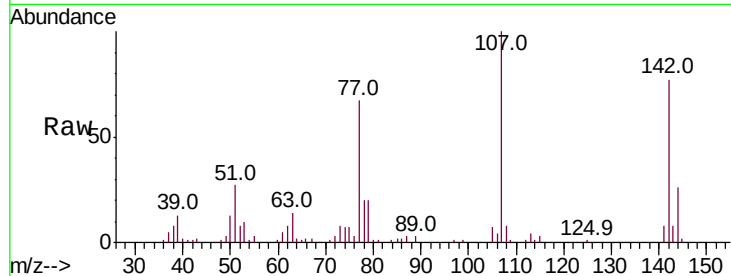
#36
 4-Chloro-3-methylphenol
 Concen: 33.490 ng
 RT: 11.66 min Scan# 1475
 Delta R.T. 0.00 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion:	107	Resp:	72665
Ion Ratio	Lower	Upper	
107	100		
144	25.8	21.3	31.9
142	76.6	64.9	97.3

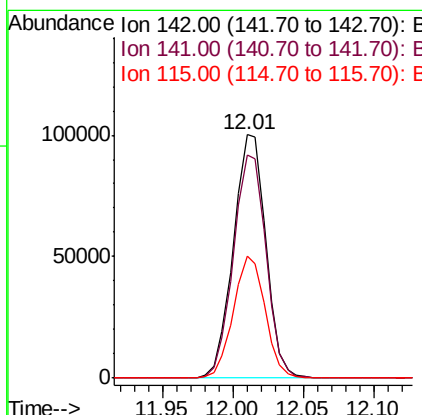
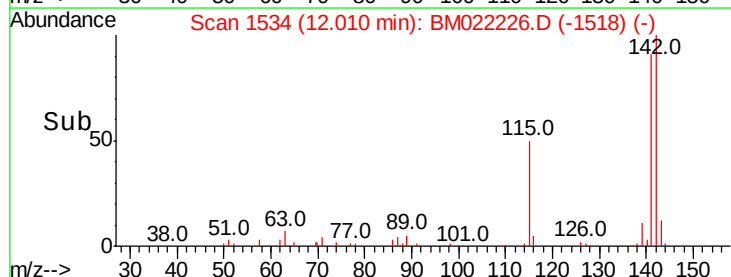
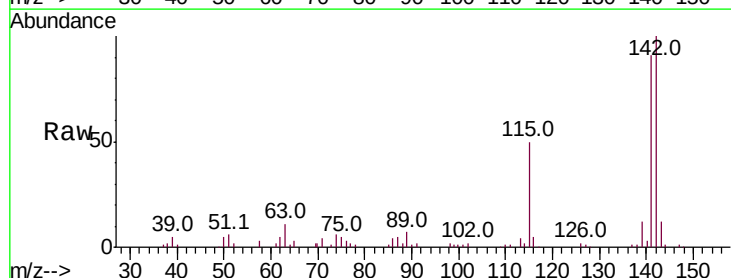
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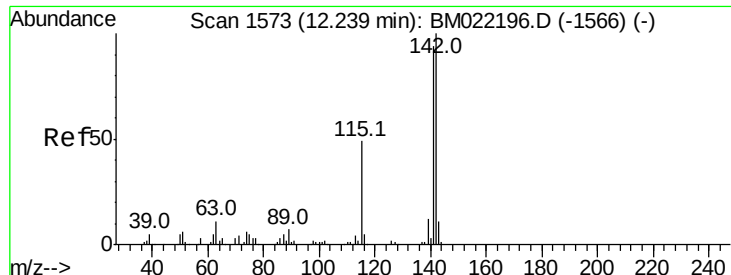
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#37
 2-Methylnaphthalene
 Concen: 33.529 ng
 RT: 12.01 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion:	142	Resp:	161094
Ion Ratio	Lower	Upper	
142	100		
141	91.4	72.2	108.2
115	50.2	27.9	41.9#





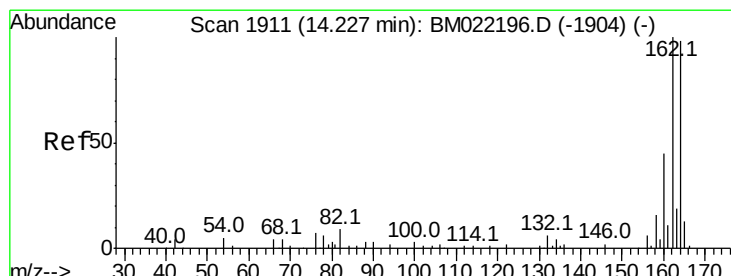
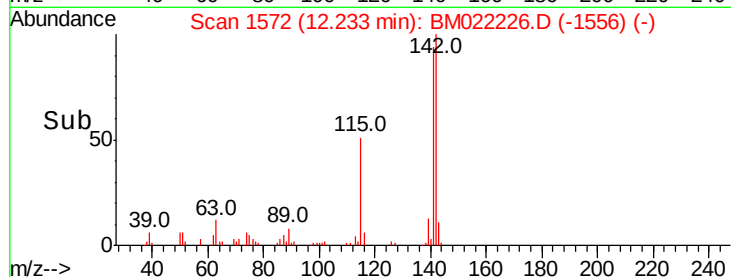
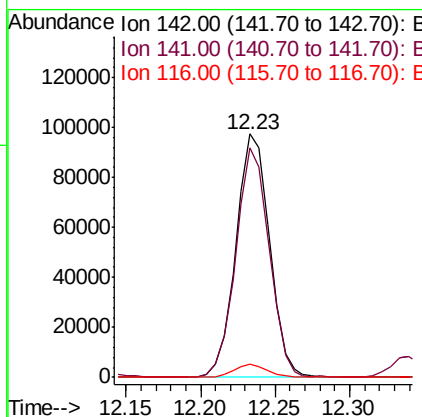
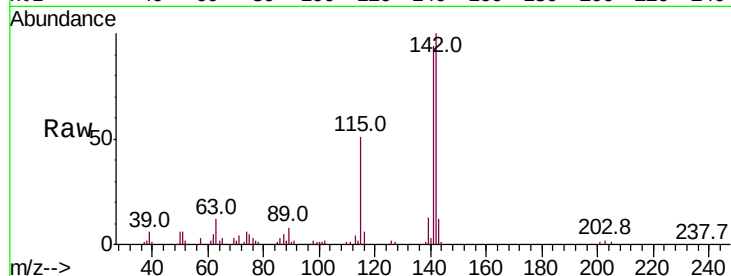
#38
1-Methylnaphthalene
Concen: 33.257 ng
RT: 12.23 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	94.4	73.9	110.9
116	5.5	3.0	4.6#

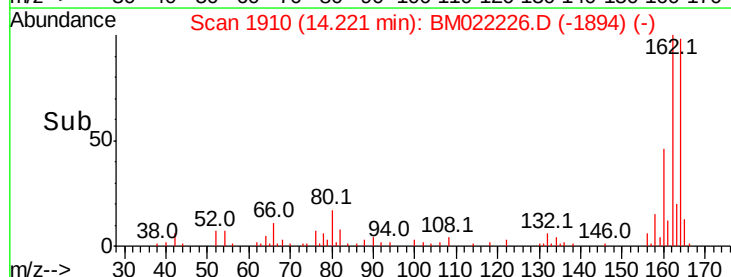
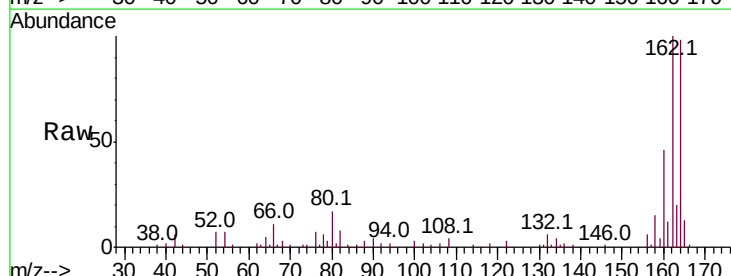
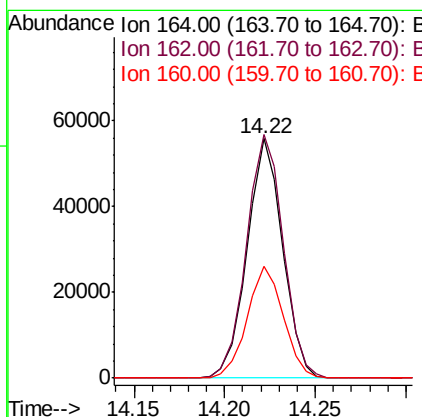
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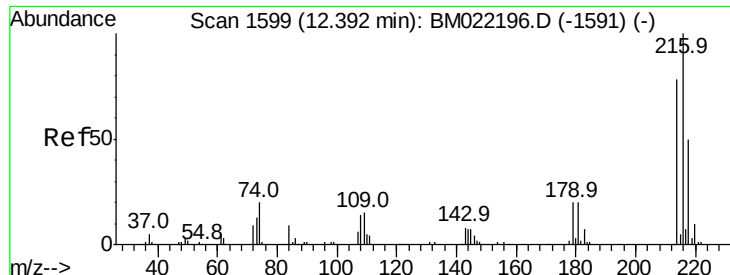
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.1	123.1
160	46.8	37.1	55.7





#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.788 ng

RT: 12.39 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

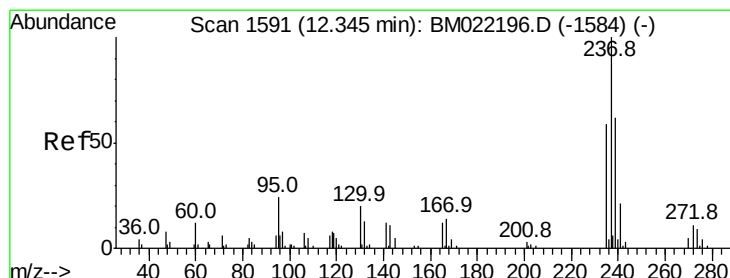
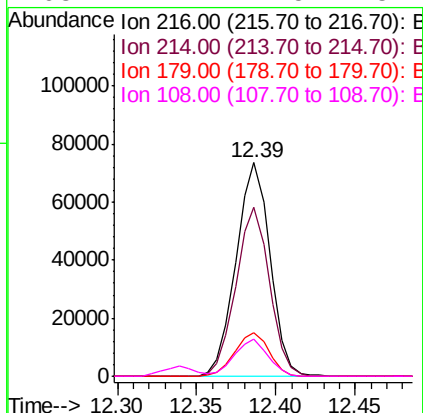
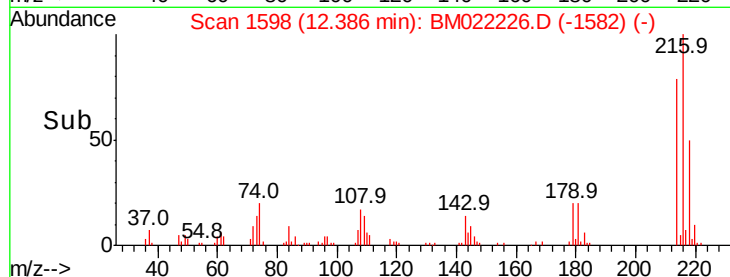
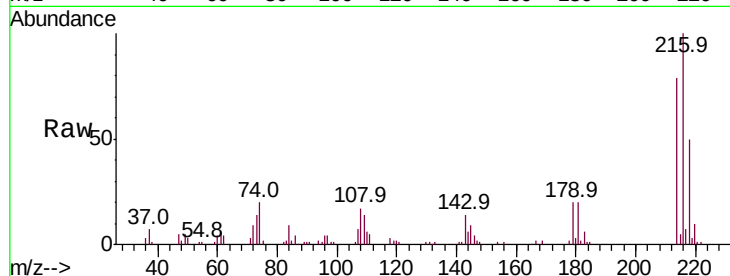
ClientSampleId :

SB-05(13-14)MSD

Tot Ion:	216	Resp:	109466
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.0	94.6
179	20.5	16.4	24.6
108	17.2	12.5	18.7

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#41

Hexachlorocyclopentadiene

Concen: 62.196 ng

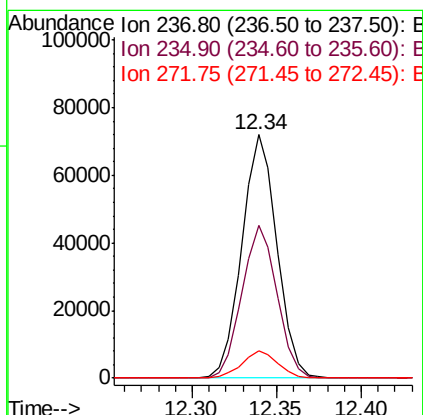
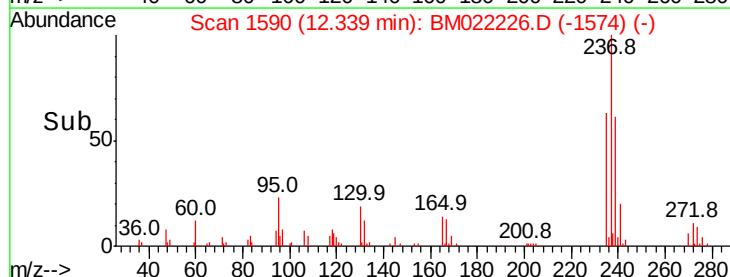
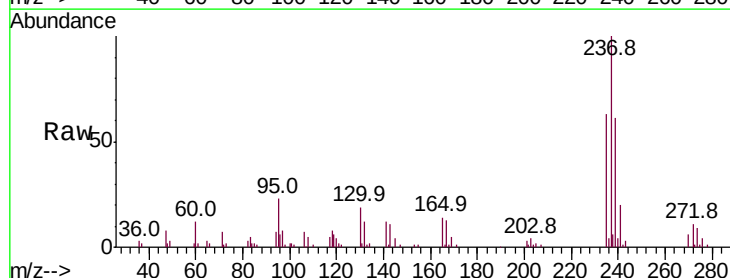
RT: 12.34 min Scan# 1590

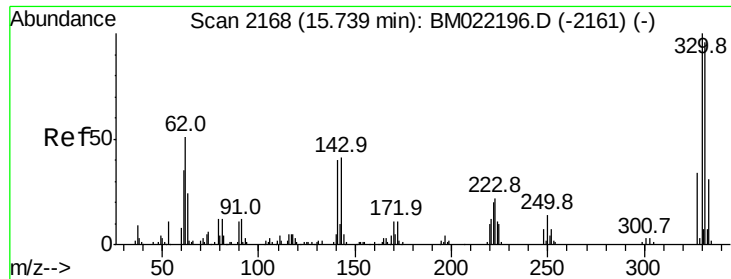
Delta R.T. -0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:	237	Resp:	103752
Ion Ratio	Lower	Upper	
237	100		
235	62.8	41.7	81.7
272	11.2	0.0	34.1





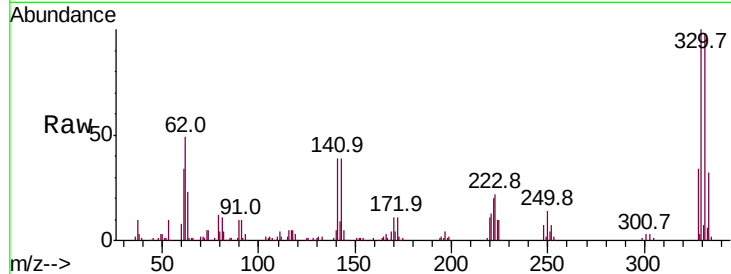
#42
 2,4,6-Tribromophenol
 Concen: 96.755 ng
 RT: 15.73 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	77.1	115.7	
141	43.4	21.8	32.8#	

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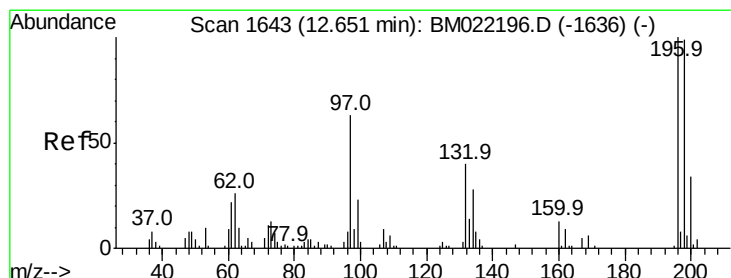
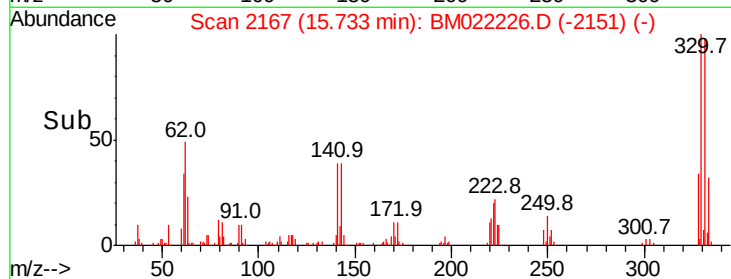
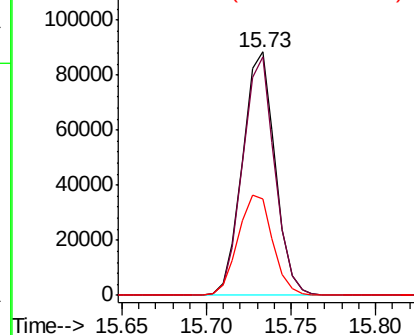


Abundance

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



#43
 2,4,6-Trichlorophenol
 Concen: 35.226 ng
 RT: 12.64 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

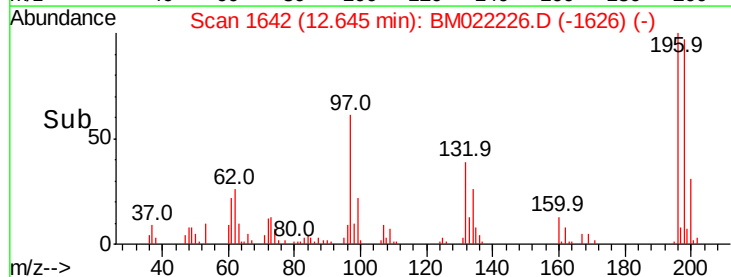
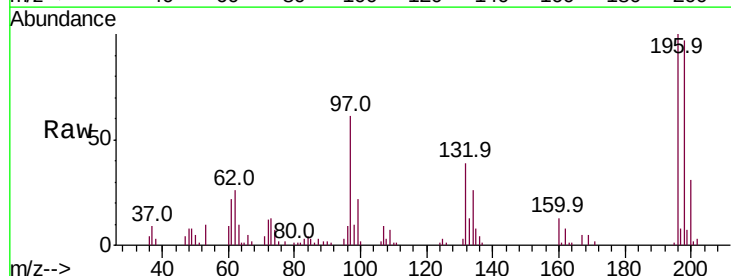
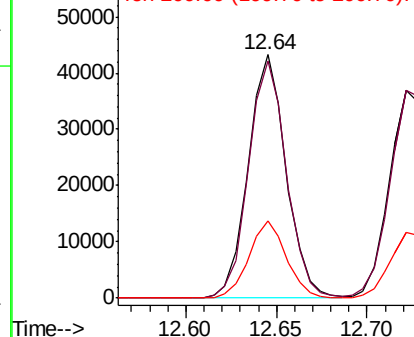
Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	97.2	76.7	115.1	
200	31.5	24.2	36.4	

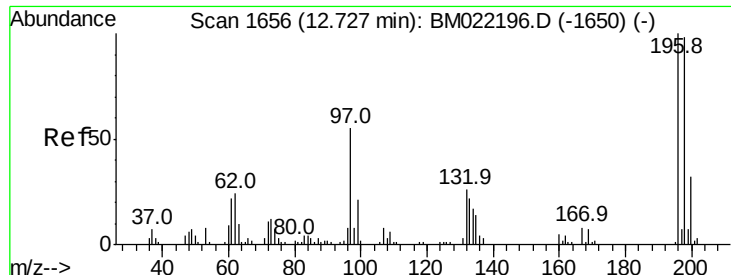
Abundance

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





#44

2,4,5-Trichlorophenol

Concen: 34.800 ng

RT: 12.72 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

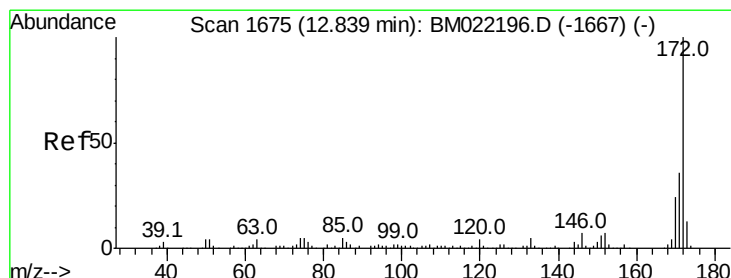
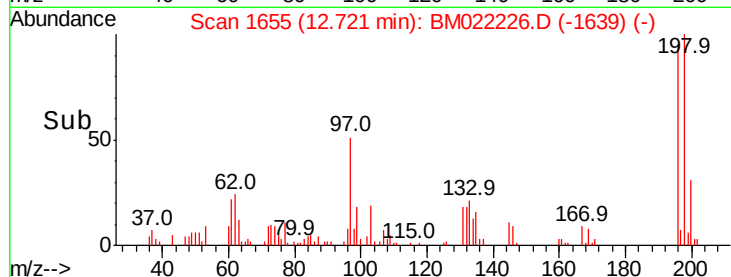
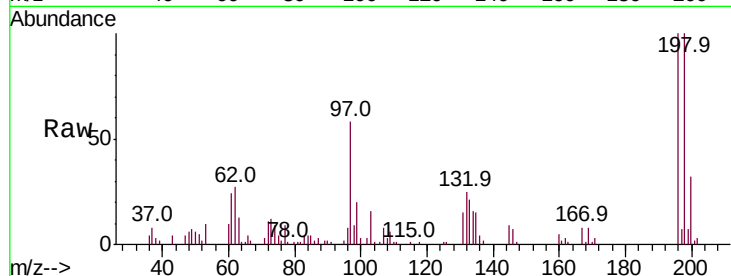
ClientSampleId :

SB-05(13-14)MSD

Tot Ion:	196	Resp:	63009
Ion Ratio	Lower	Upper	
196	100		
198	100.0	78.2	117.4
97	58.0	34.1	51.1#
132	24.7	19.2	28.8

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#45

2-Fluorobiphenyl

Concen: 70.879 ng

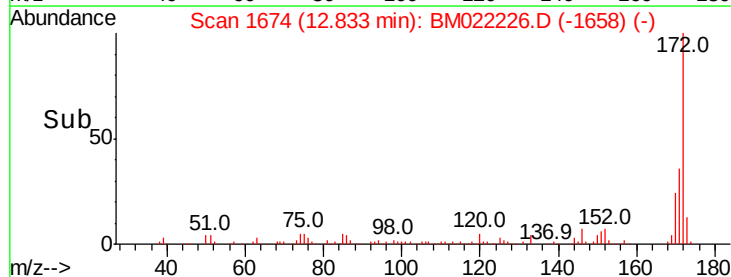
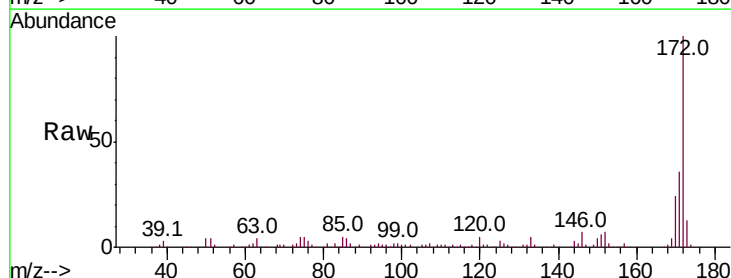
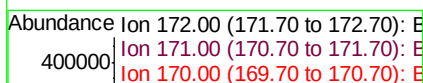
RT: 12.83 min Scan# 1674

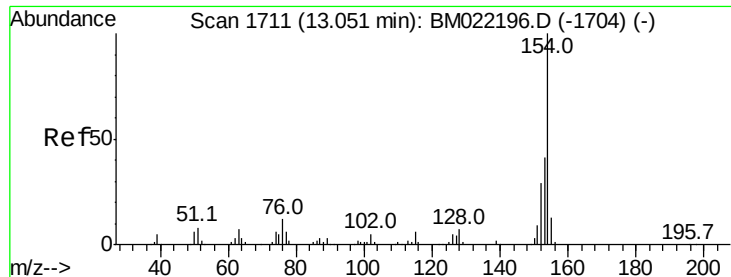
Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:	172	Resp:	431391
Ion Ratio	Lower	Upper	
172	100		
171	36.2	28.6	43.0
170	24.1	18.7	28.1





#46

1,1'-Biphenyl

Concen: 35.002 ng

RT: 13.04 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

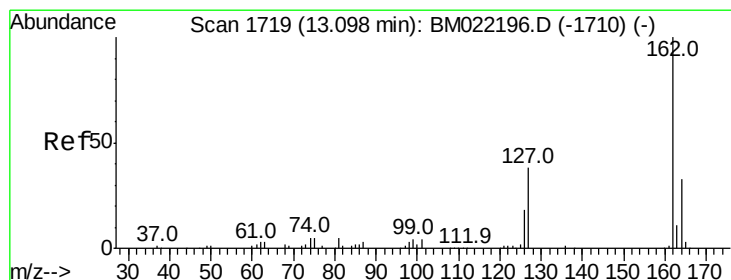
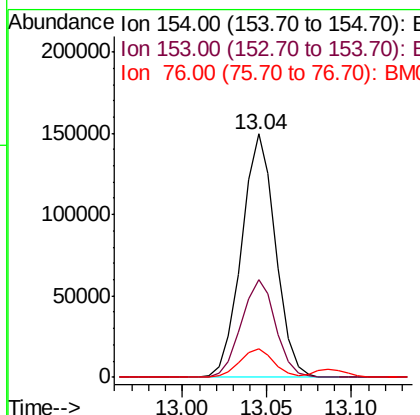
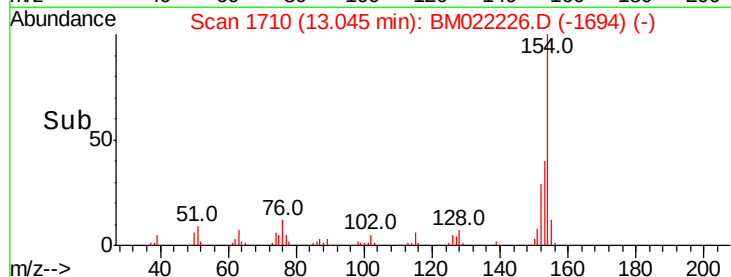
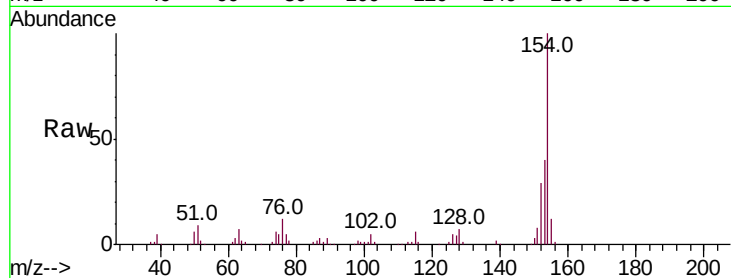
ClientSampleId :

SB-05(13-14)MSD

Tot Ion:	154	Resp:	209253
Ion Ratio	Lower	Upper	
154	100		
153	40.1	21.3	61.3
76	11.7	0.0	30.9

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#47

2-Chloronaphthalene

Concen: 33.277 ng

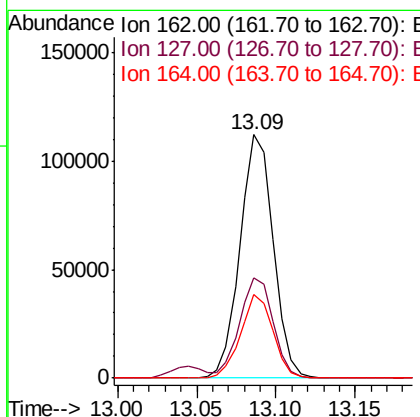
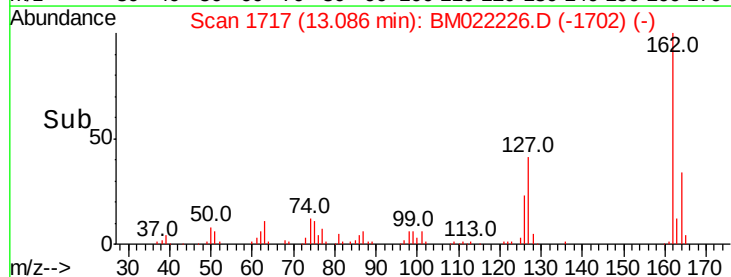
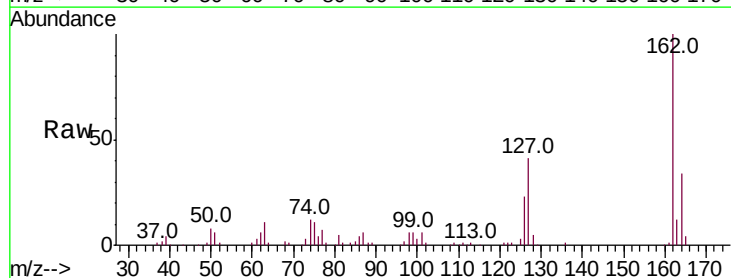
RT: 13.09 min Scan# 1717

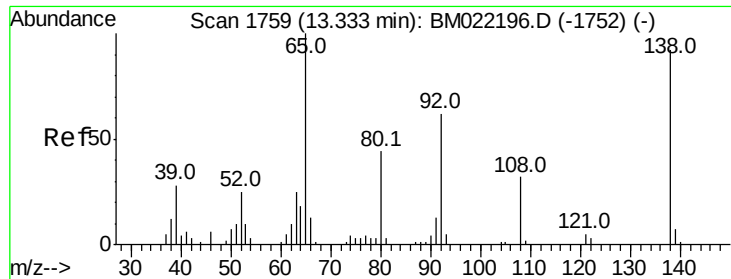
Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:	162	Resp:	163726
Ion Ratio	Lower	Upper	
162	100		
127	41.4	29.4	44.2
164	34.2	26.5	39.7





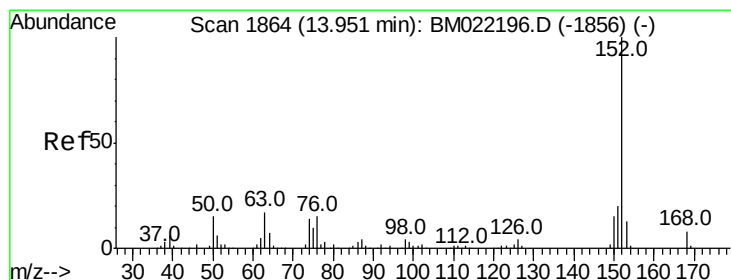
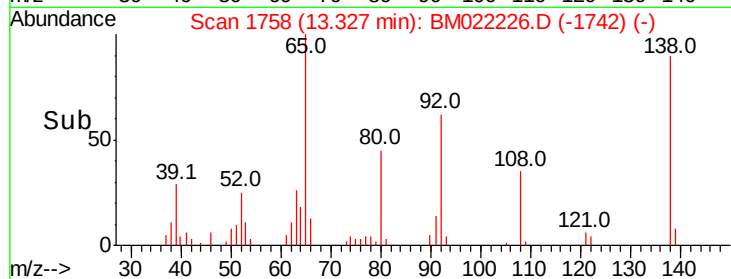
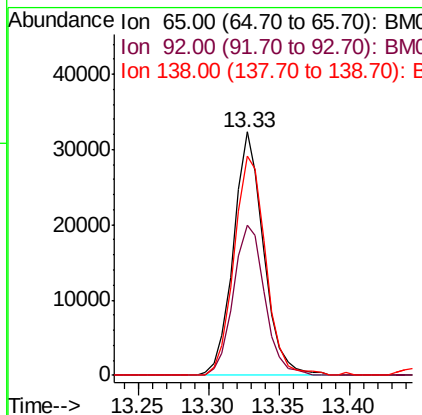
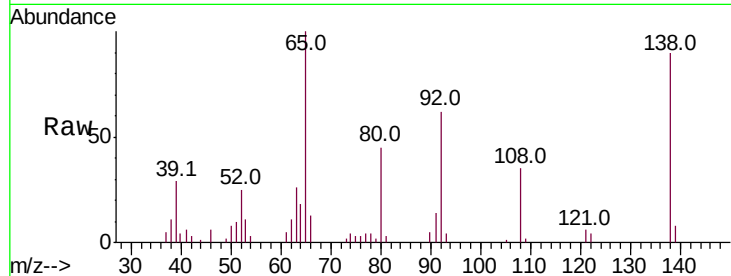
#48
2-Nitroaniline
Concen: 30.978 ng
RT: 13.33 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	61.5	56.3	84.5
138	90.2	92.6	139.0

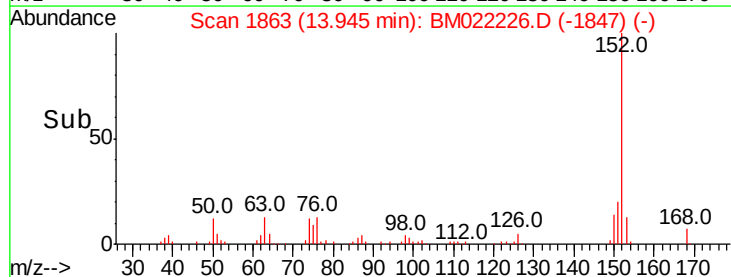
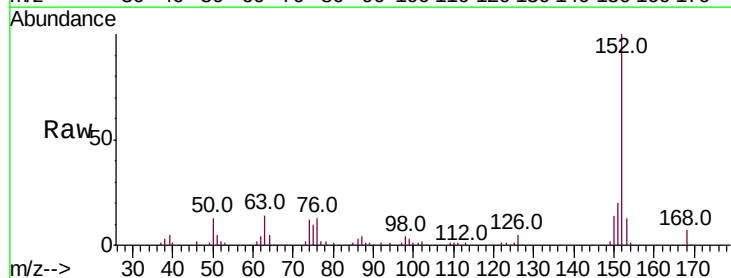
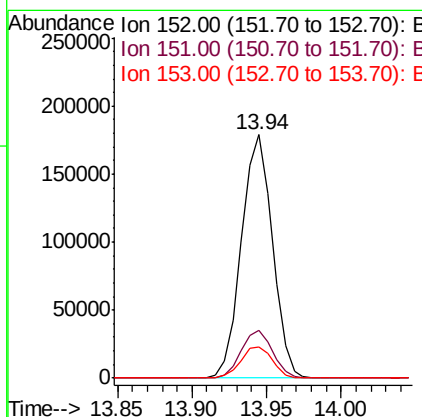
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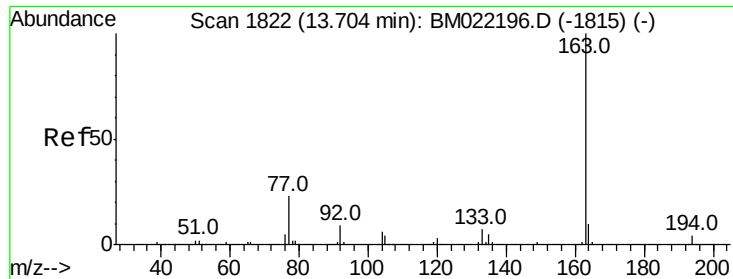
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#49
Acenaphthylene
Concen: 34.102 ng
RT: 13.94 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.1	24.1
153	12.8	10.6	16.0





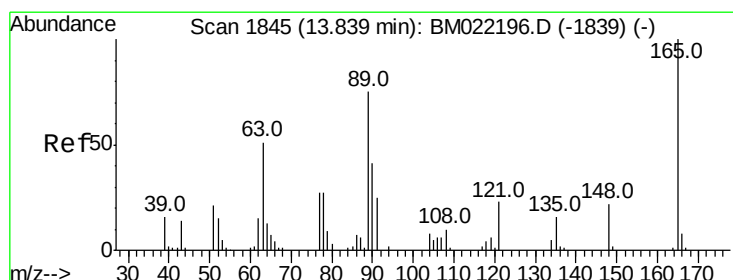
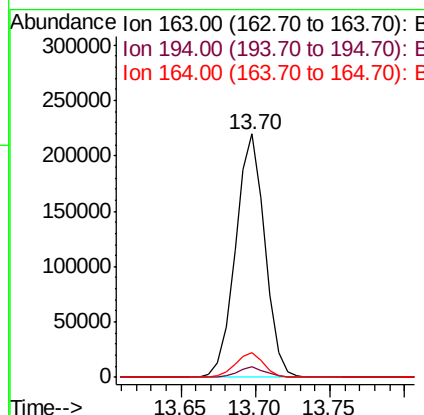
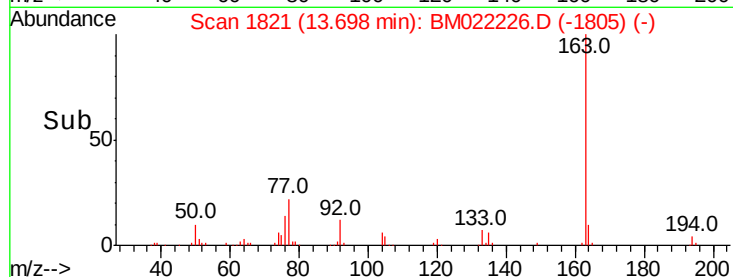
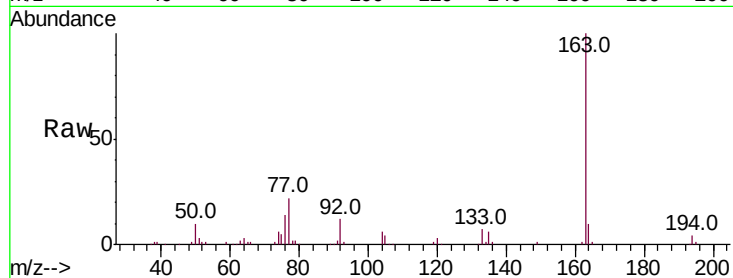
#50
Dimethylphthalate
Concen: 46.963 ng
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	3.4	5.2	
164	10.3	8.2	12.2	

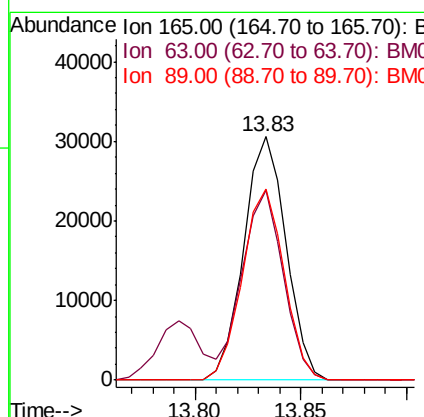
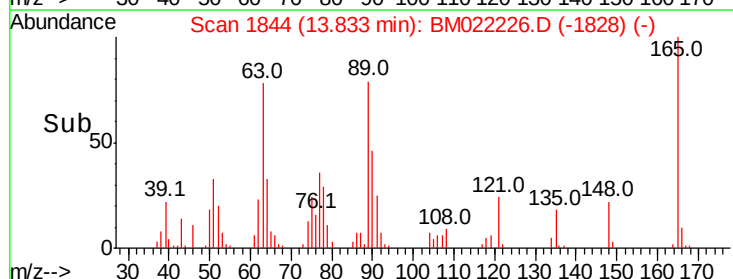
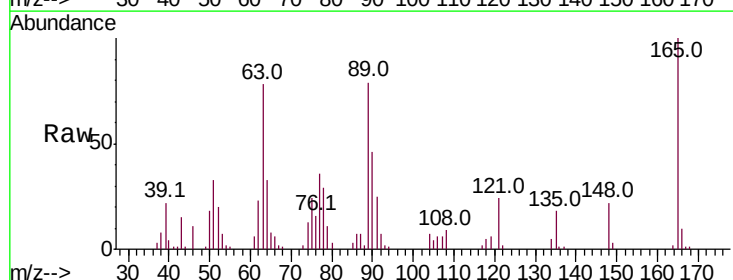
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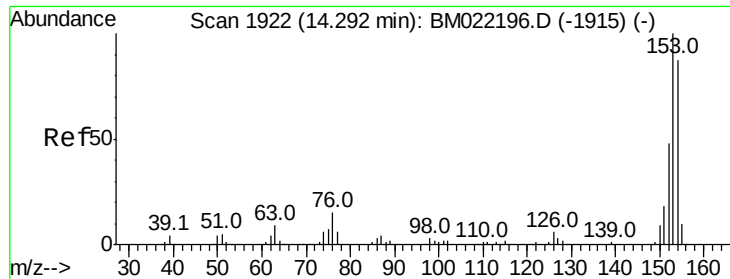
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#51
2,6-Dinitrotoluene
Concen: 33.609 ng
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	77.8	37.8	56.6#	
89	78.7	39.7	59.5#	





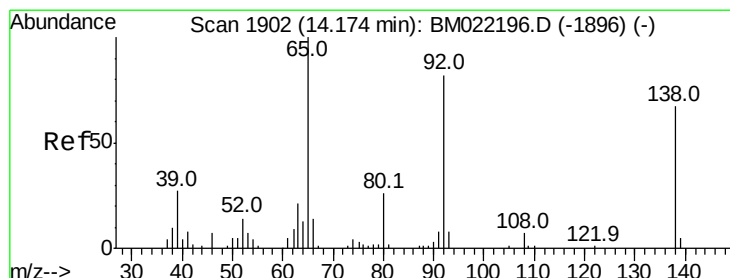
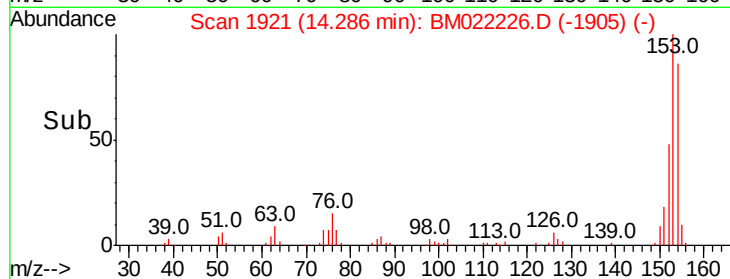
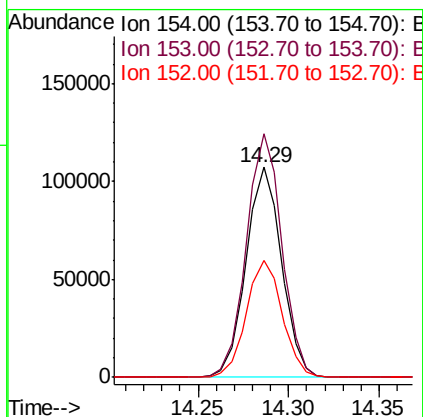
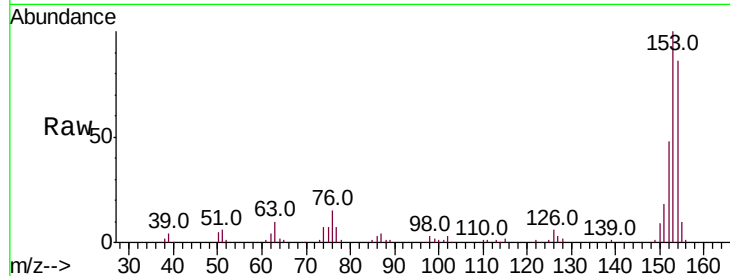
#52
Acenaphthene
Concen: 33.243 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.0	91.5	137.3
152	55.7	42.3	63.5

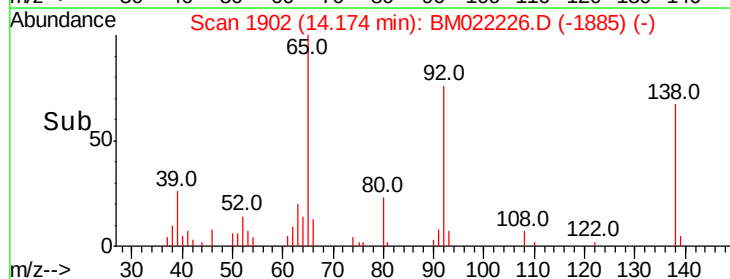
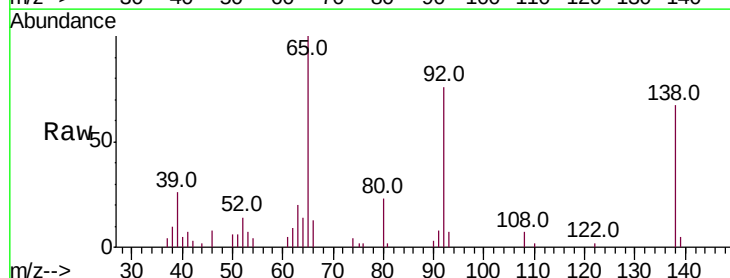
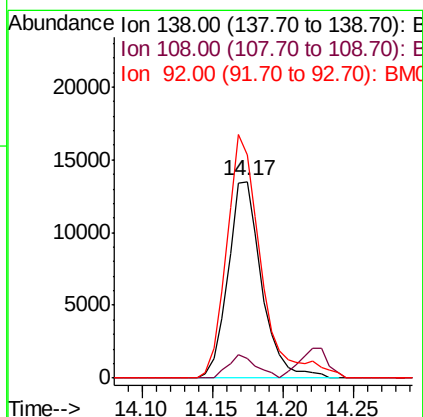
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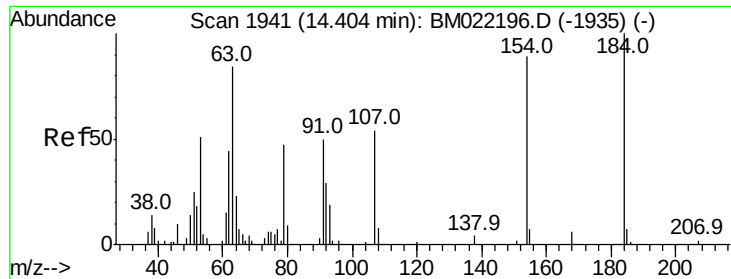
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#53
3-Nitroaniline
Concen: 17.783 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.0	13.4
92	114.0	92.2	138.2





#54

2,4-Dinitrophenol

Concen: 16.663 ng

RT: 14.40 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

ClientSampleId :

SB-05(13-14)MSD

Tot Ion:184 Resp: 8908

Ion Ratio Lower Upper

184 100

63 84.9 45.5 68.3#

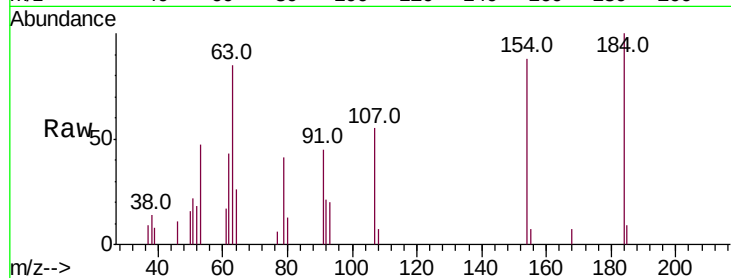
154 88.3 50.6 76.0#

Manual Integrations

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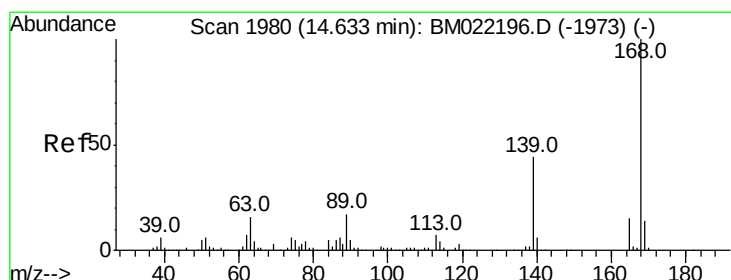
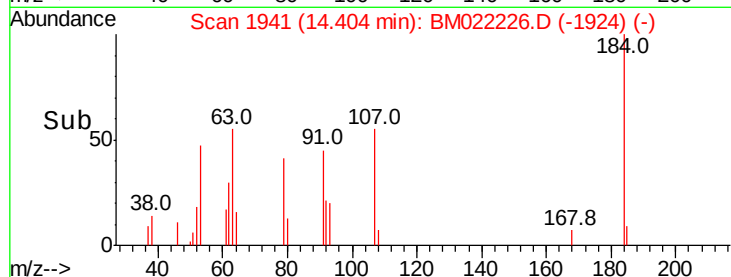
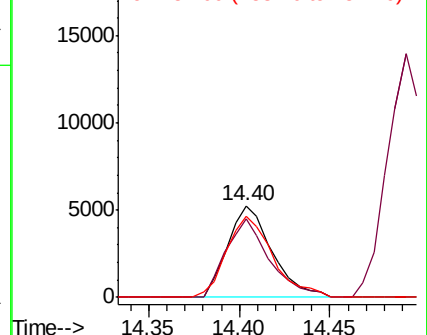
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#55

Dibenzofuran

Concen: 33.376 ng

RT: 14.63 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

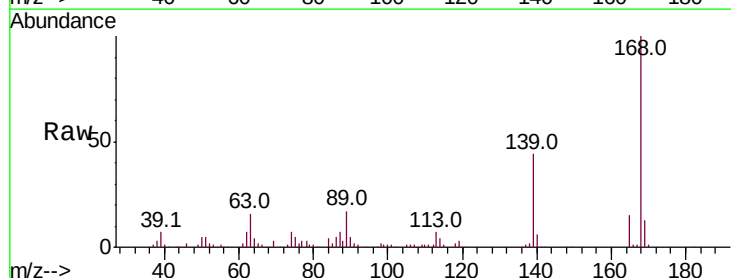
Tgt Ion:168 Resp: 244081

Ion Ratio Lower Upper

168 100

139 43.9 28.4 42.6#

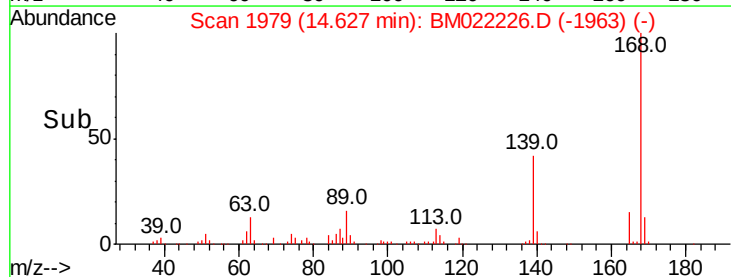
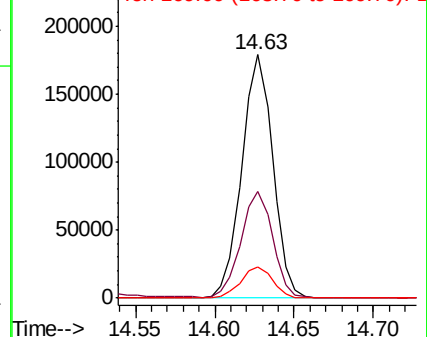
169 12.9 10.6 16.0

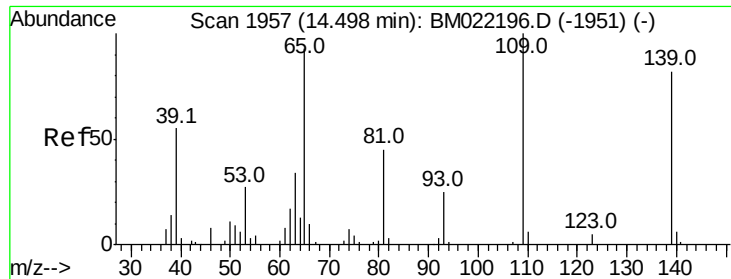


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





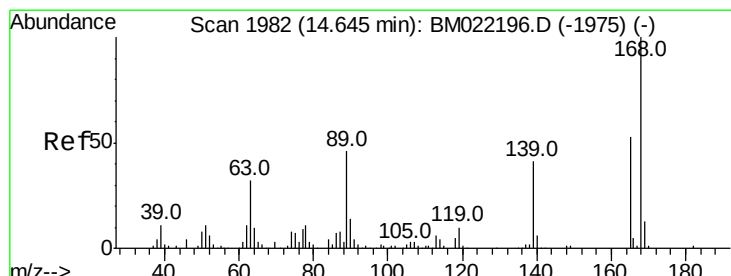
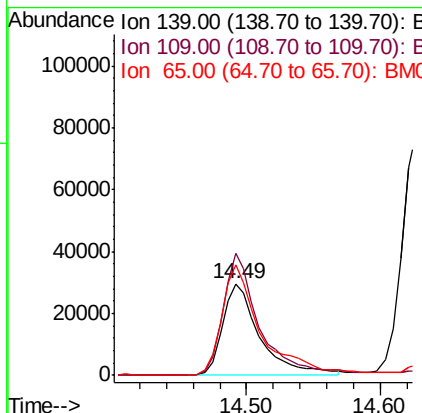
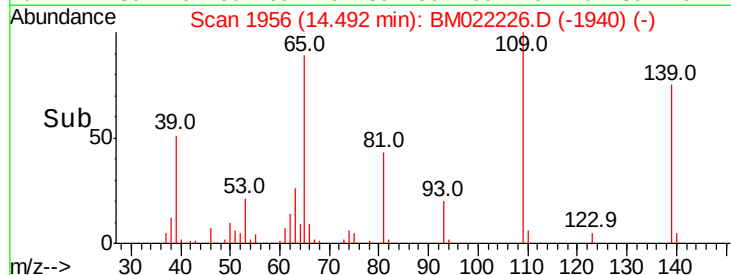
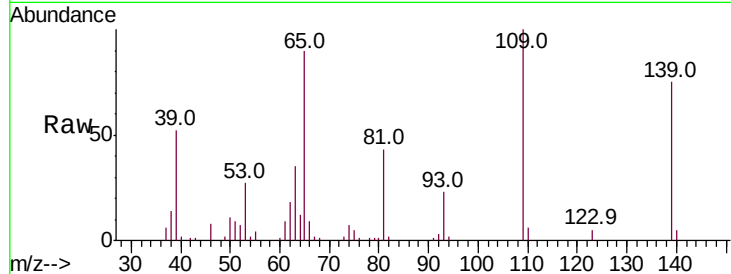
#56
4-Nitrophenol
Concen: 69.321 ng
RT: 14.49 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	133.0	53.3	93.3#
65	120.3	70.3	110.3#

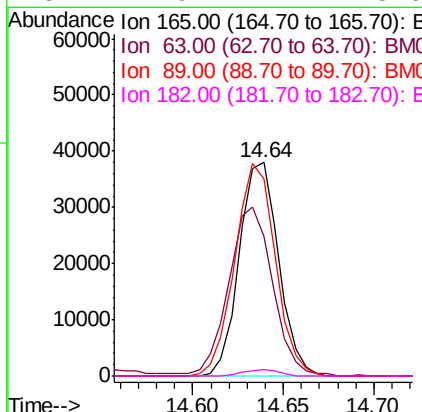
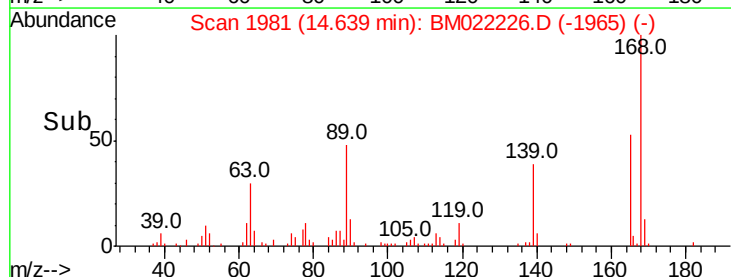
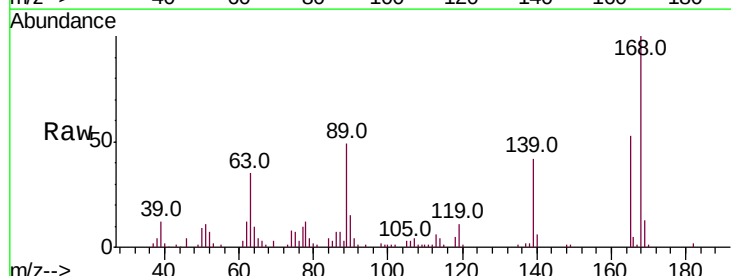
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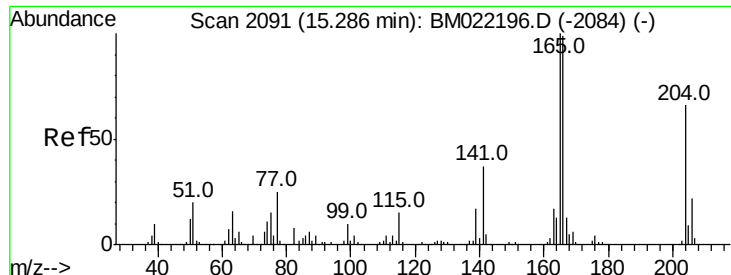
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#57
2,4-Dinitrotoluene
Concen: 31.653 ng
RT: 14.64 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	65.6	29.6	44.4#
89	92.3	49.5	74.3#
182	2.9	2.4	3.6





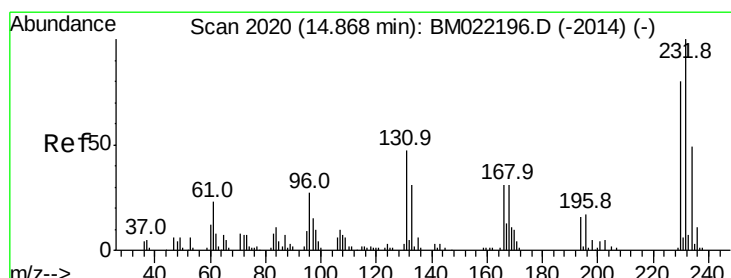
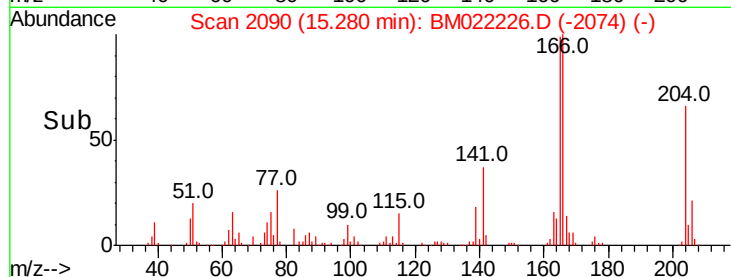
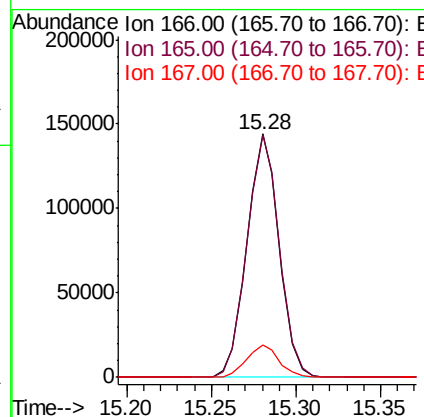
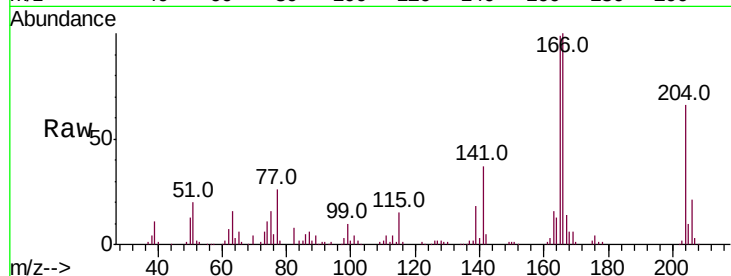
#58
Fluorene
 Concen: 30.864 ng
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100	190282		
165	99.5	78.6	117.8	
167	13.6	10.9	16.3	

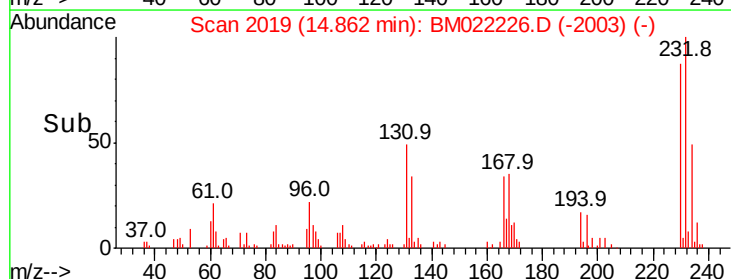
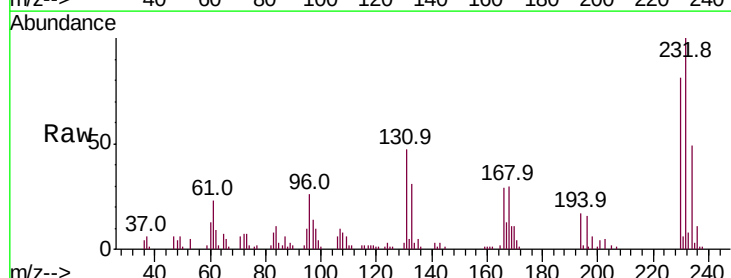
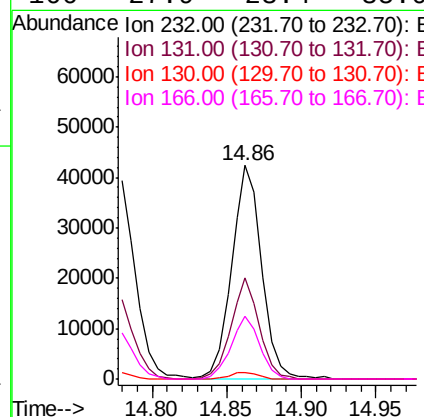
Manual Integrations
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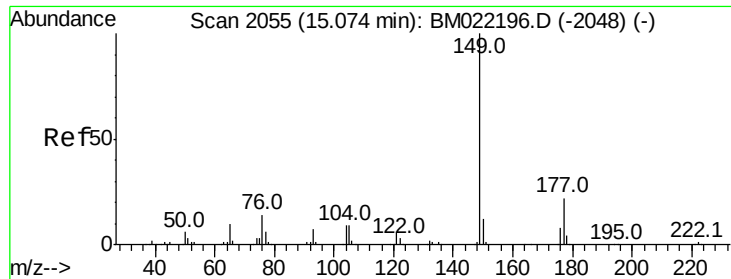
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#59
2,3,4,6-Tetrachlorophenol
 Concen: 32.993 ng
 RT: 14.86 min Scan# 2019
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	59559		
131	44.6	30.6	46.0	
130	2.9	1.7	2.5#	
166	27.9	23.4	35.0	





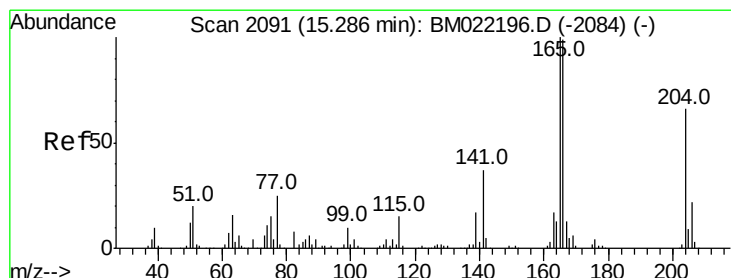
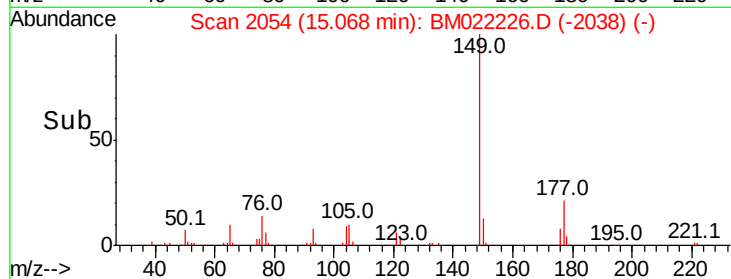
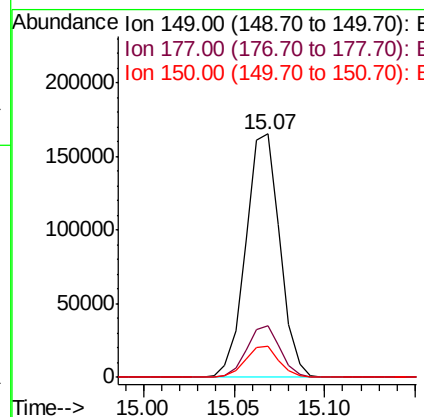
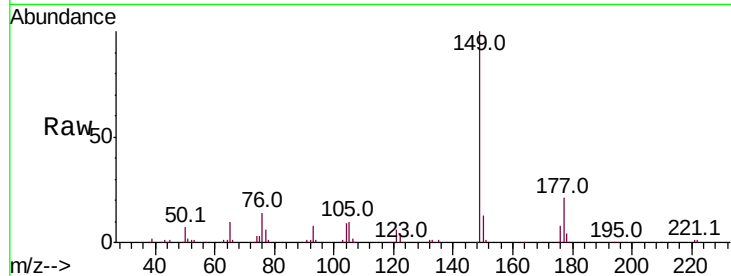
#60
Diethylphthalate
Concen: 31.974 ng
RT: 15.07 min Scan# 2054
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	215496		
177	21.2	19.1	28.7	
150	12.9	10.1	15.1	

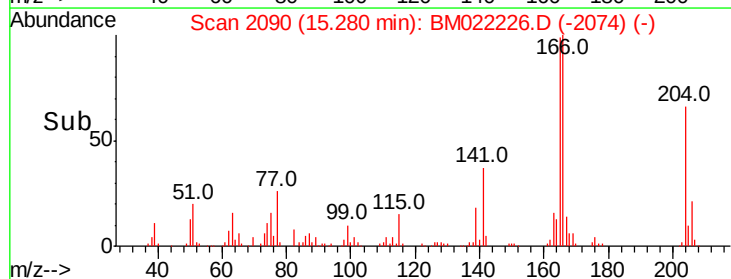
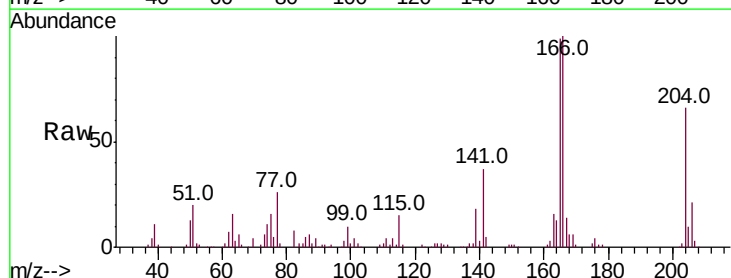
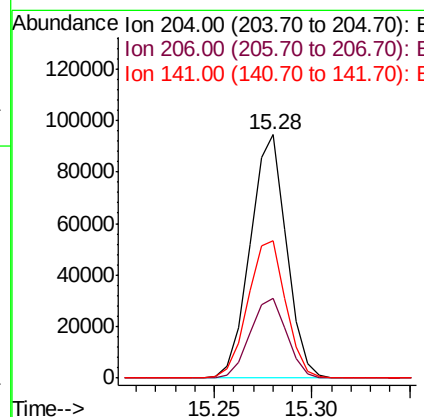
Manual Integrations
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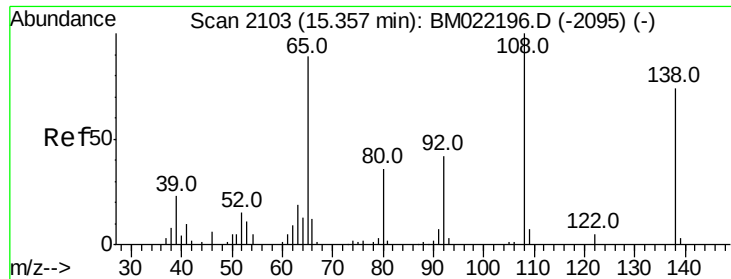
Jagrut
8/22/2019 2:00:08 PM



#61
4-Chlorophenyl-phenylether
Concen: 31.149 ng
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	121029		
206	32.6	26.1	39.1	
141	56.2	40.7	61.1	





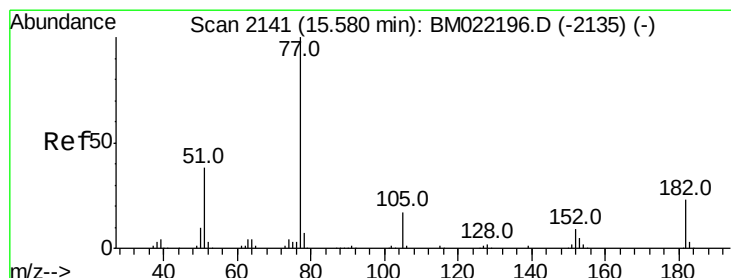
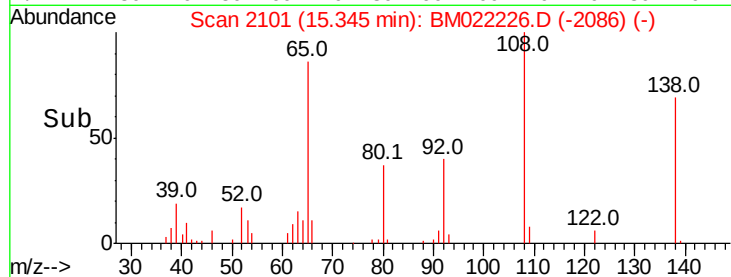
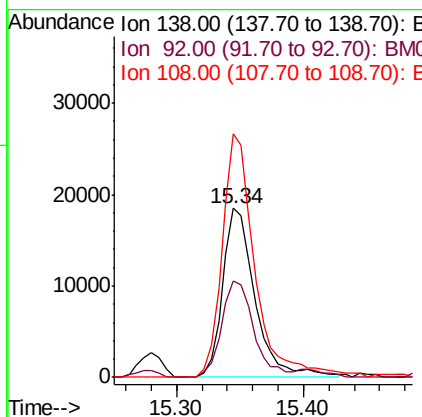
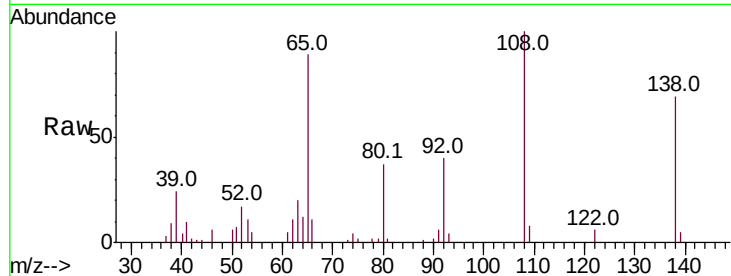
#62
4-Nitroaniline
Concen: 28.144 ng
RT: 15.34 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	57.1	29.1	69.1
108	144.3	59.2	99.2

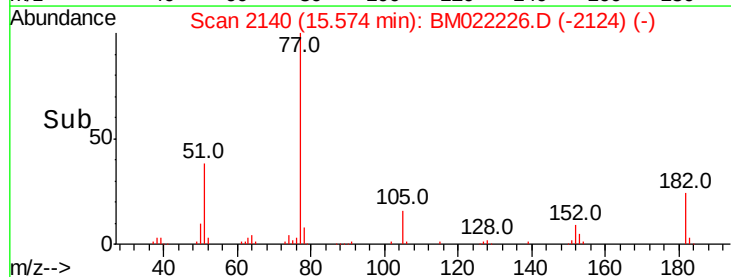
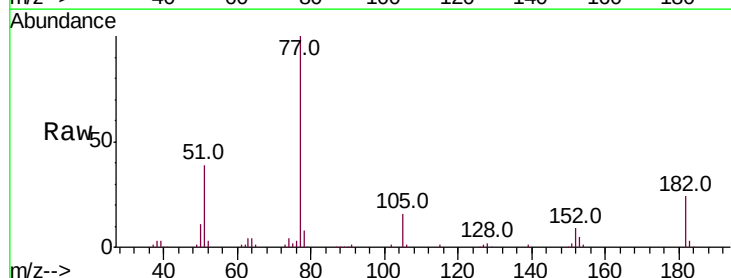
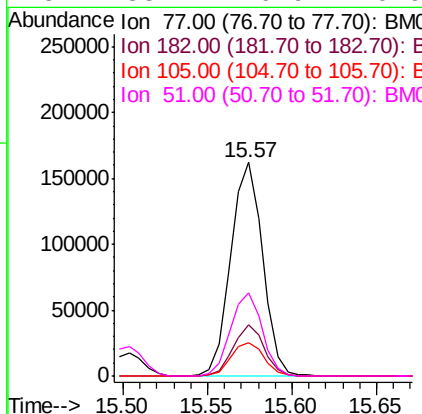
Manual Integrations
APPROVED

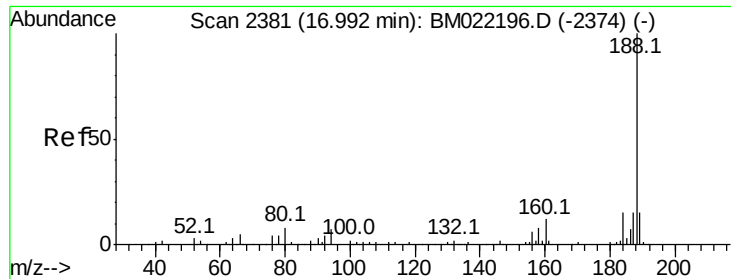
Jagrut
8/22/2019 2:00:08 PM



#63
Azobenzene
Concen: 32.783 ng
RT: 15.57 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.7	12.6	52.6
105	15.6	1.1	41.1
51	38.7	6.9	46.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

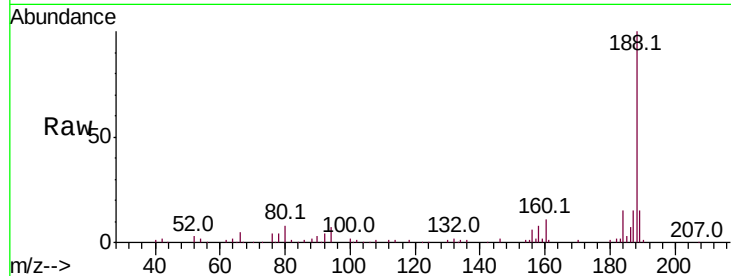
ClientSampleId :

SB-05(13-14)MSD

Tot Ion:	188	Resp:	140646
Ion Ratio	Lower	Upper	
188	100		
94	7.0	5.8	8.8
80	7.5	6.9	10.3

Manual Integrations
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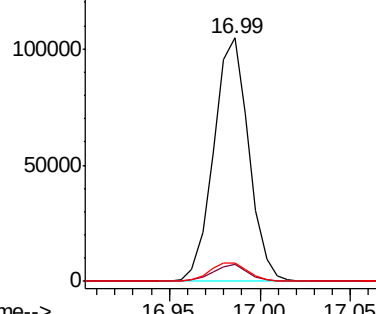
Jagrut
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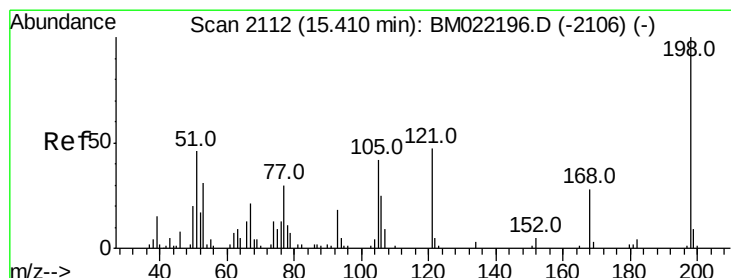
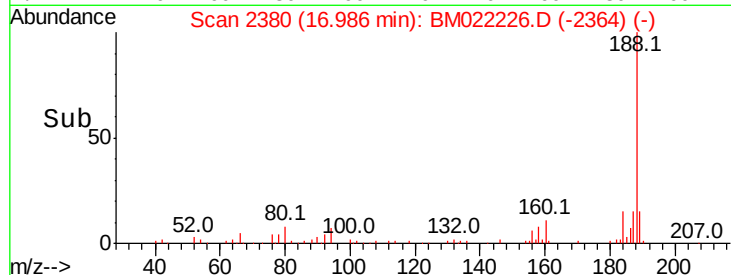
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 28.653 ng

RT: 15.40 min Scan# 2111

Delta R.T. -0.01 min

Lab File: BM022226.D

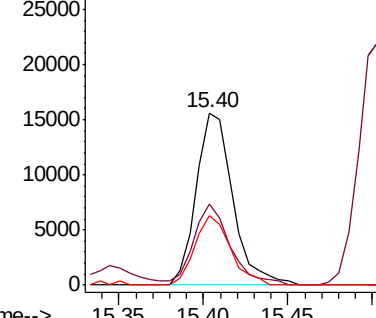
Acq: 21 Aug 2019 13:16

Tgt Ion:	198	Resp:	23486
Ion Ratio	Lower	Upper	
198	100		
51	47.4	15.3	55.3
105	40.8	16.8	56.8

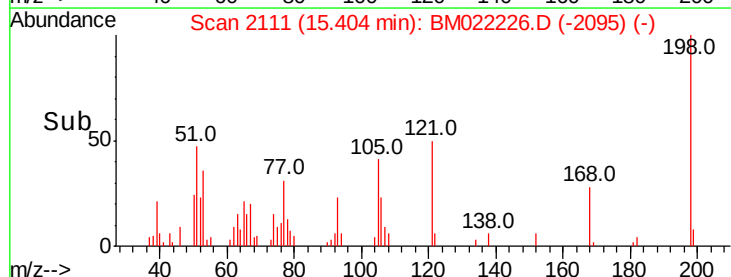
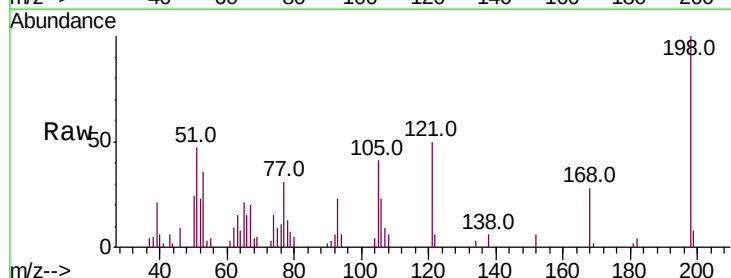
Abundance Ion 198.00 (197.70 to 198.70): E

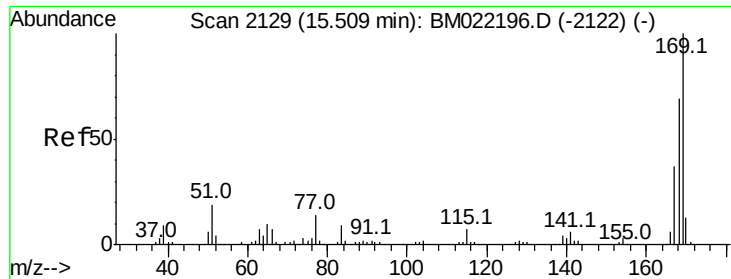
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



Time-->





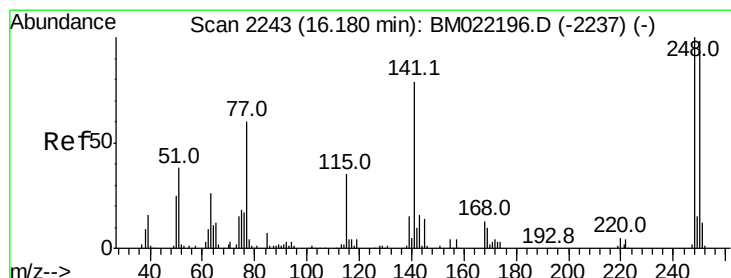
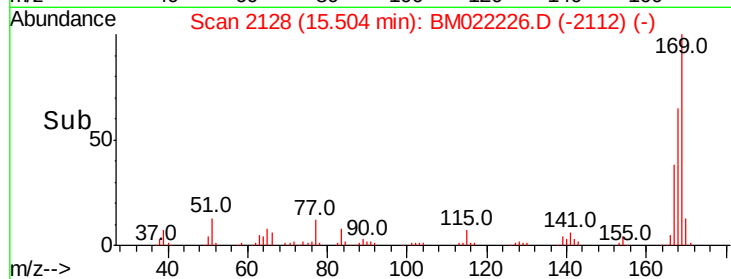
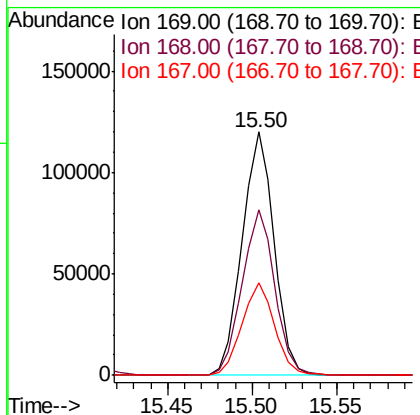
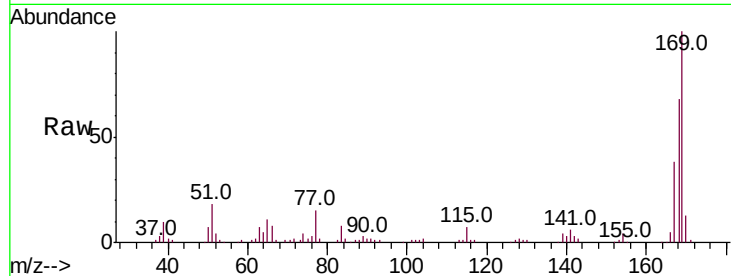
#66
 n-Nitrosodiphenylamine
 Concen: 35.066 ng
 RT: 15.50 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	158138		
168	68.0		54.5	81.7
167	38.3		29.0	43.6

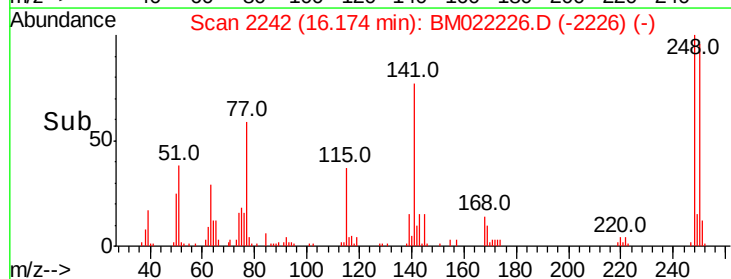
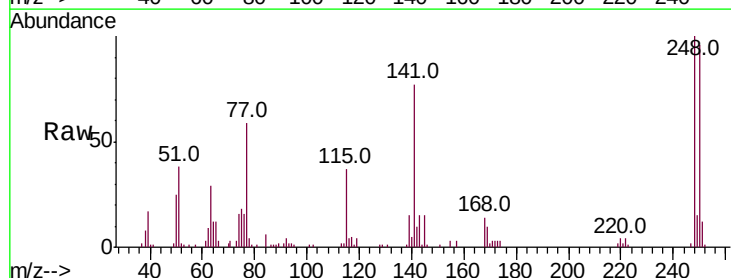
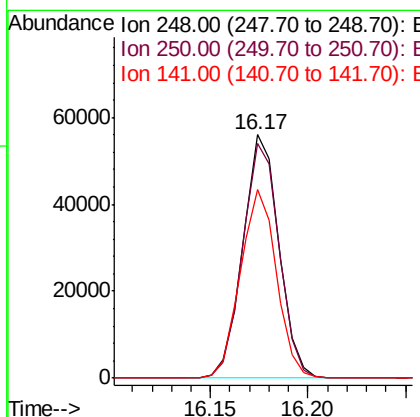
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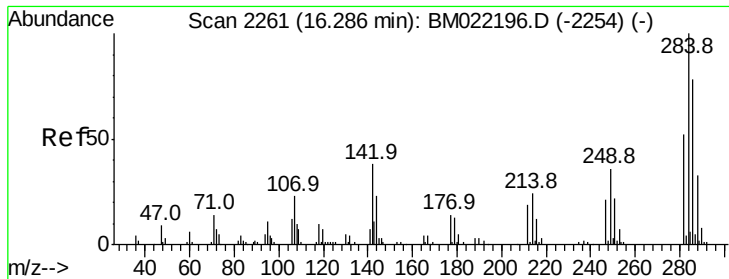
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#67
 4-Bromophenyl-phenylether
 Concen: 34.342 ng
 RT: 16.17 min Scan# 2242
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	71575		
250	96.3		77.5	116.3
141	77.4		47.8	71.6





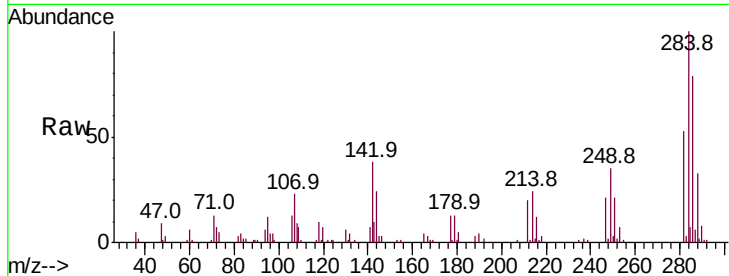
#68
Hexachlorobenzene
Concen: 32.135 ng
RT: 16.28 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

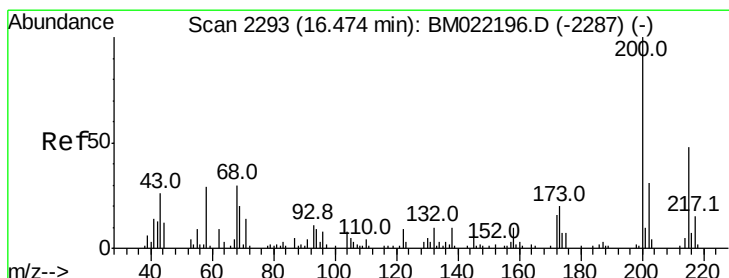
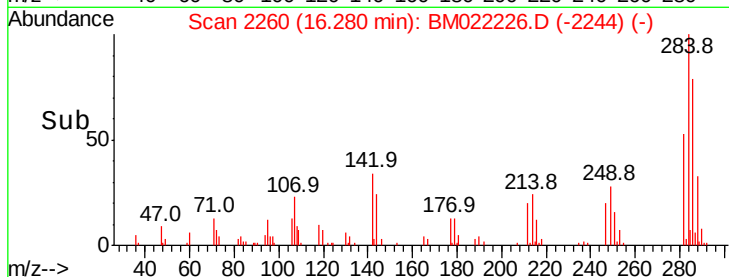
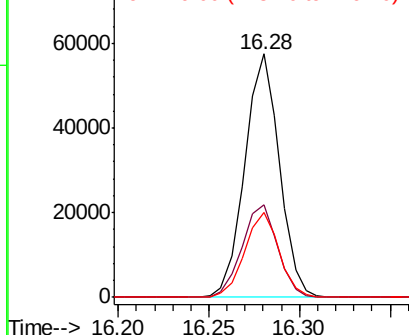
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	37.9	21.2	31.8#	
249	34.7	23.4	35.0	

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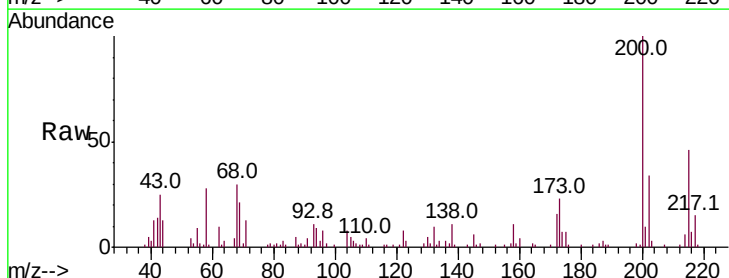


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

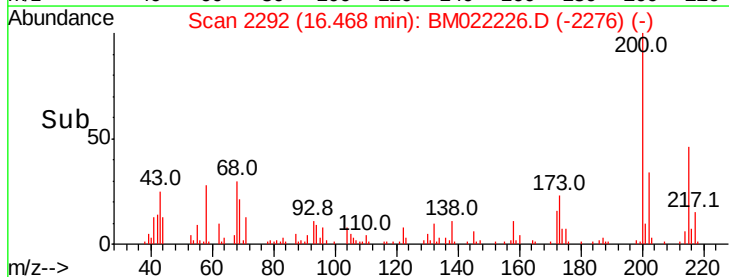
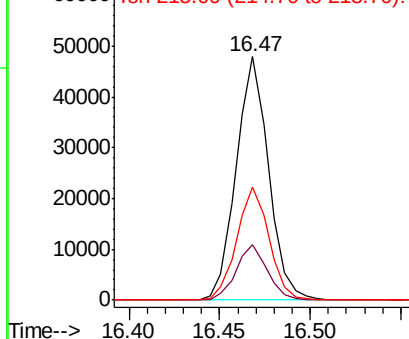


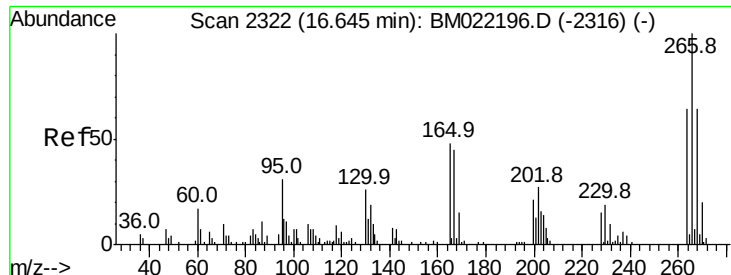
#69
Atrazine
Concen: 39.795 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	22.7	4.3	44.3	
215	46.4	28.2	68.2	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





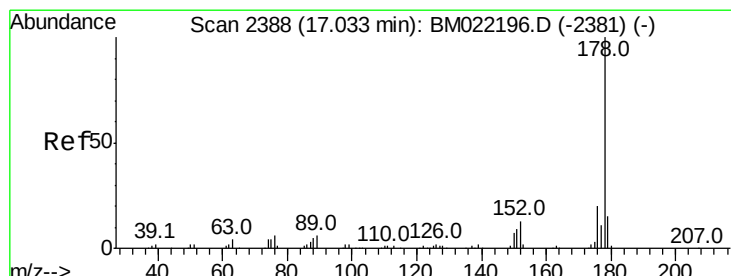
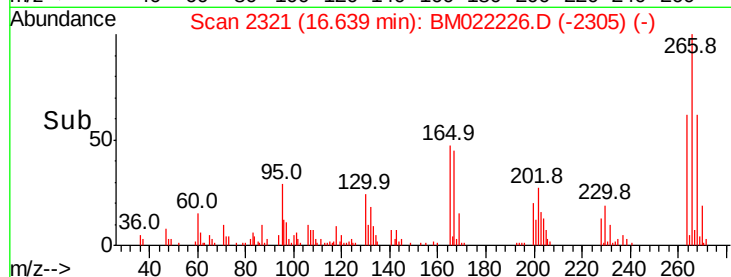
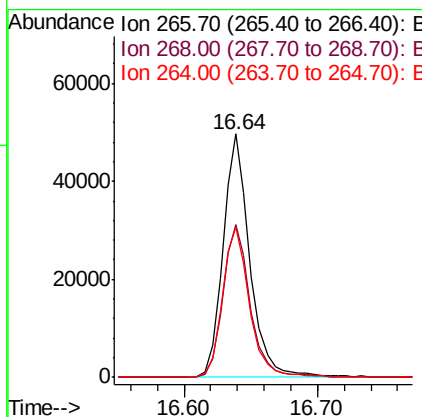
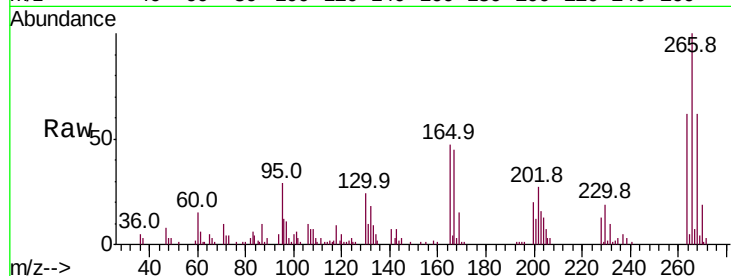
#70
 Pentachlorophenol
 Concen: 60.532 ng
 RT: 16.64 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	69732		
268	62.5	51.0	76.4	
264	61.6	49.9	74.9	

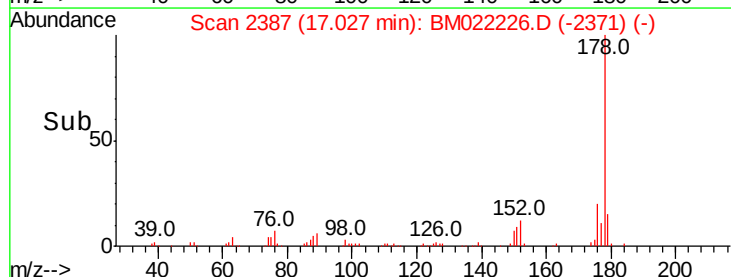
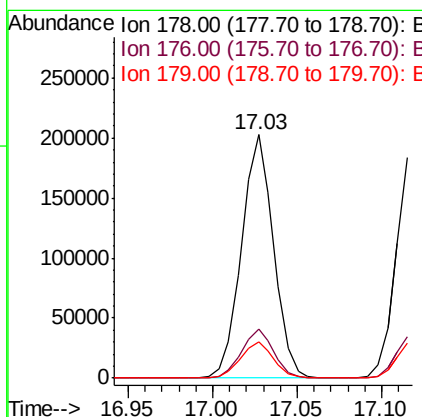
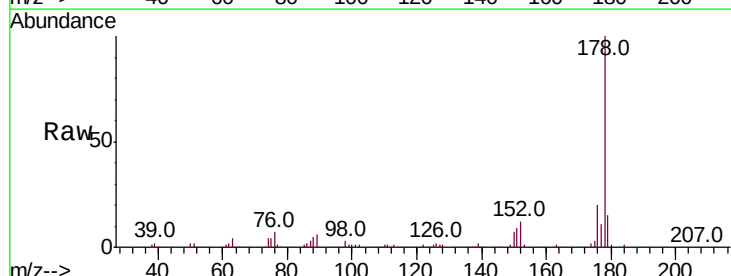
Manual Integrations
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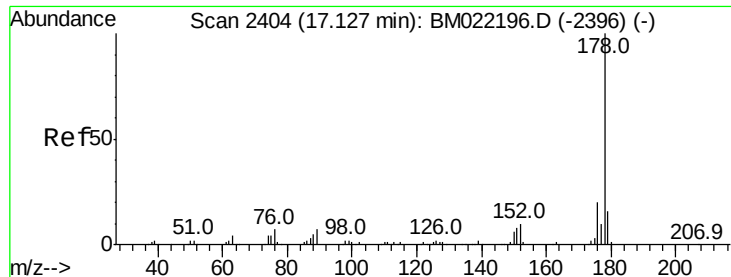
Jagrut
 8/22/2019 2:00:08 PM



#71
 Phenanthrene
 Concen: 32.779 ng
 RT: 17.03 min Scan# 2387
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	267355		
176	20.4	15.2	22.8	
179	15.2	12.2	18.4	





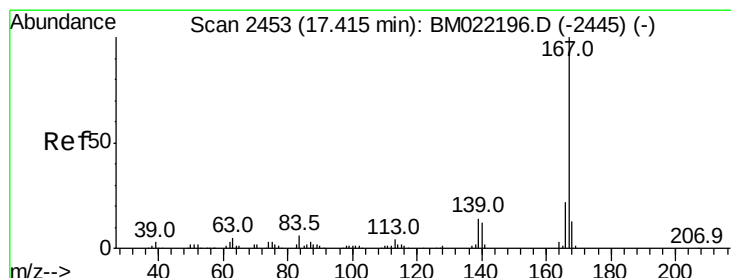
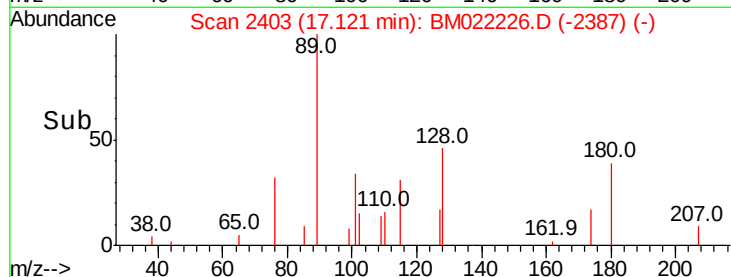
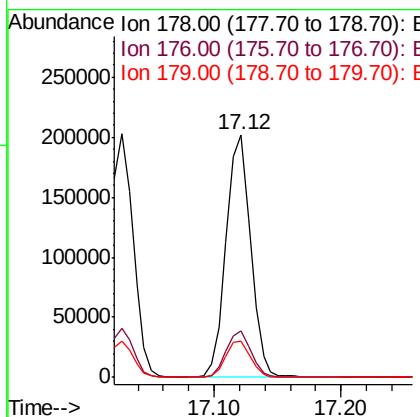
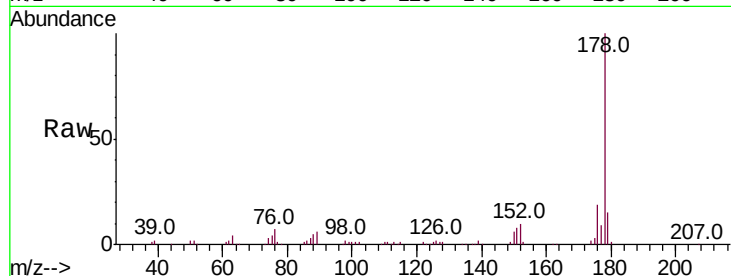
#72
 Anthracene
 Concen: 33.664 ng
 RT: 17.12 min Scan# 2403
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.7	22.1
179	14.8	12.2	18.2

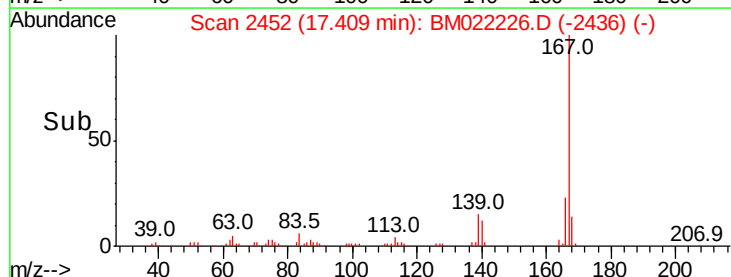
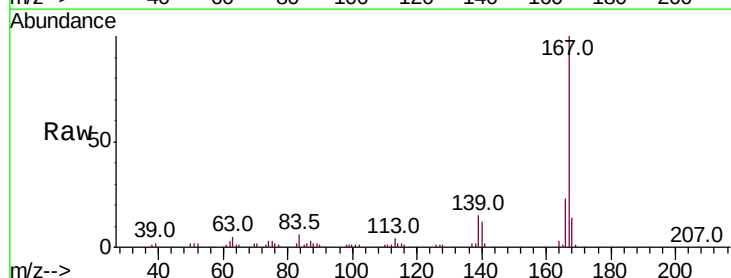
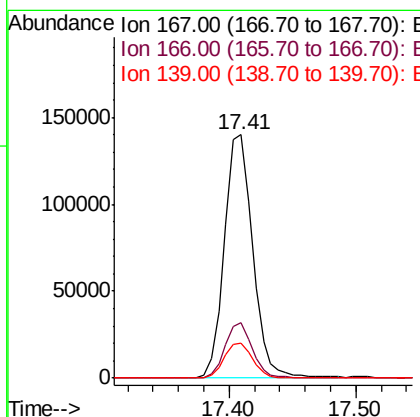
Manual Integrations
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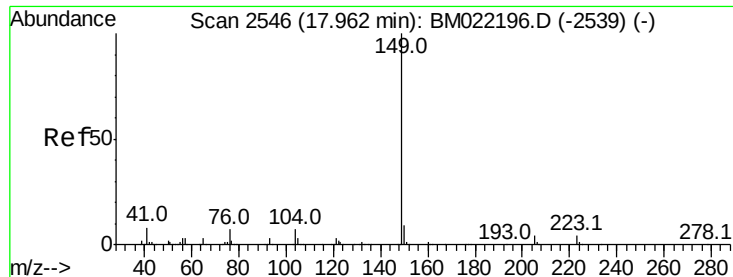
Jagrut
 8/22/2019 2:00:08 PM



#73
 Carbazole
 Concen: 32.206 ng
 RT: 17.41 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.4	26.2
139	14.5	9.7	14.5#





#74

Di-n-butylphthalate

Concen: 31.186 ng

RT: 17.96 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

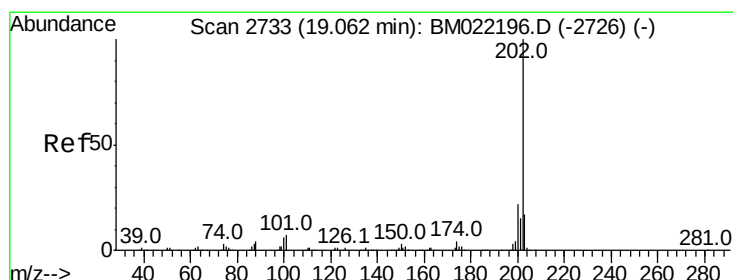
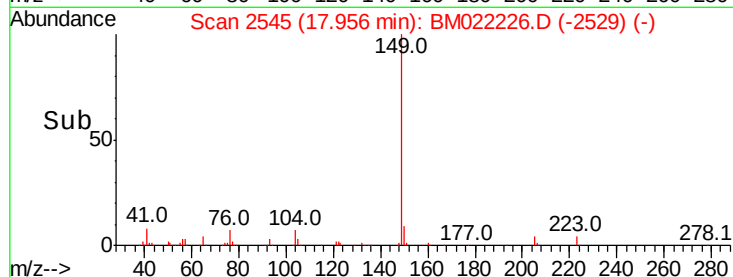
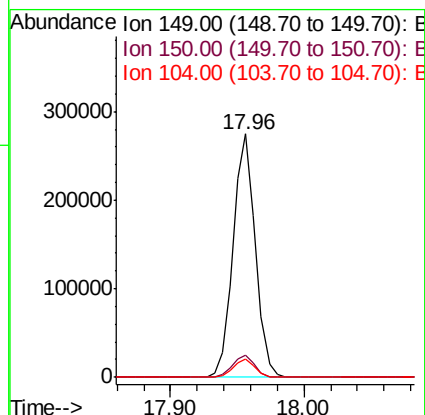
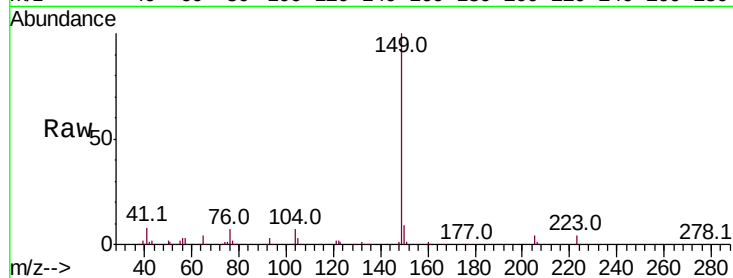
ClientSampleId :

SB-05(13-14)MSD

Tot Ion:	149	Resp:	319676
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.4	11.0
104	7.3	3.8	5.8#

Manual Integrations
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#75

Fluoranthene

Concen: 30.822 ng

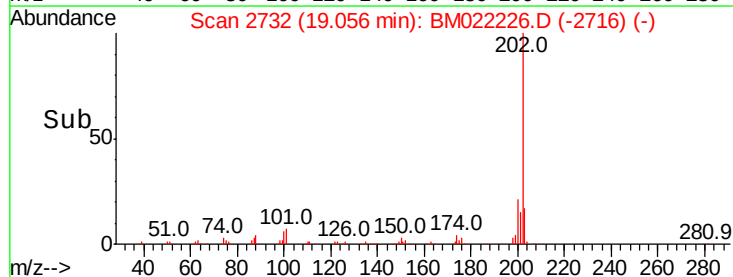
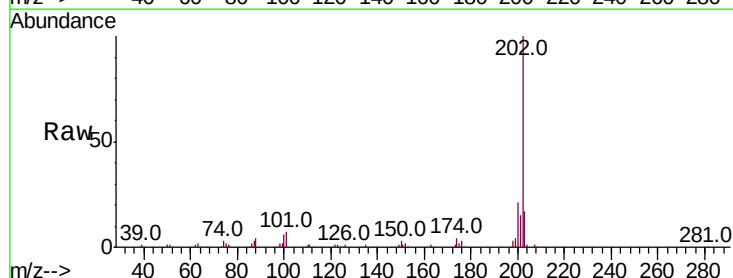
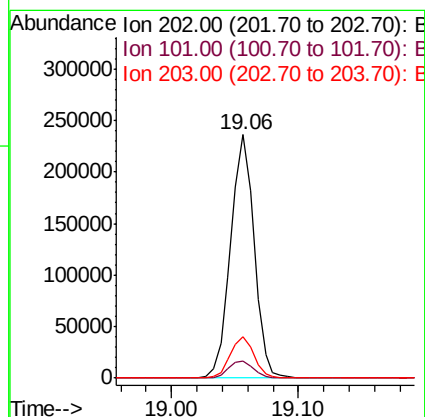
RT: 19.06 min Scan# 2732

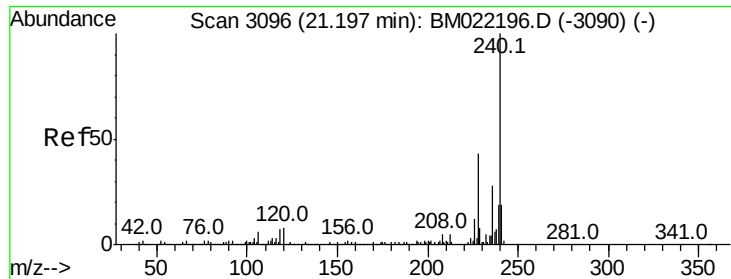
Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:	202	Resp:	303152
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	28.2
203	17.1	0.0	37.6





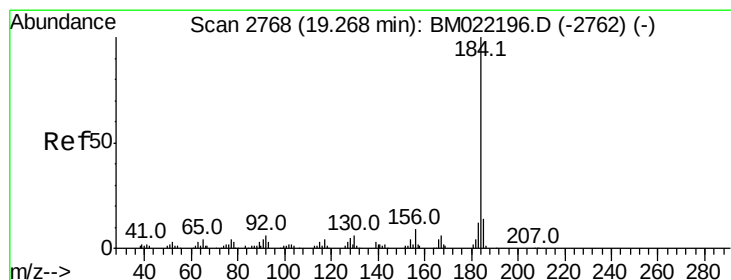
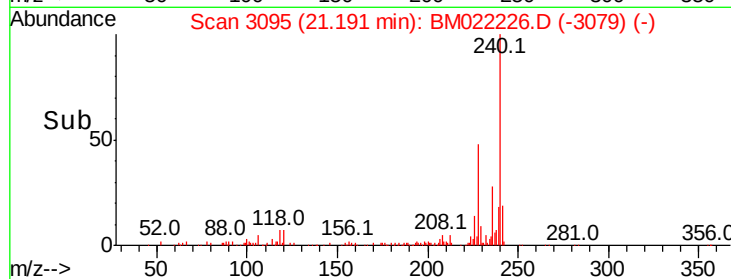
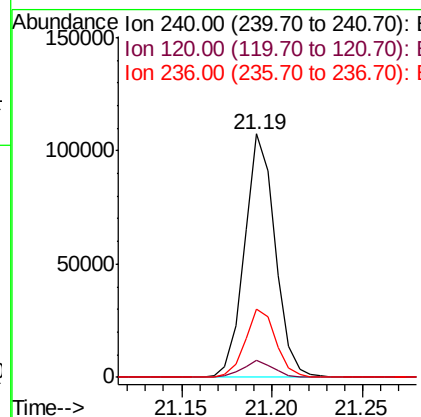
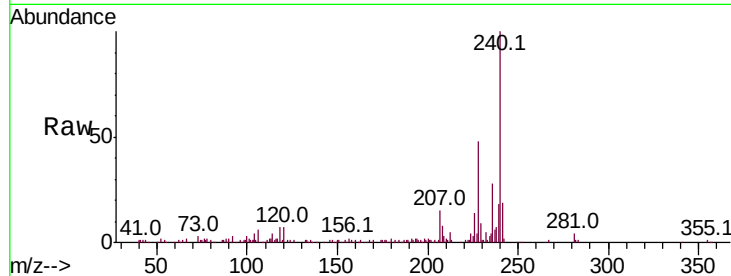
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.9	10.3
236	28.0	20.4	30.6

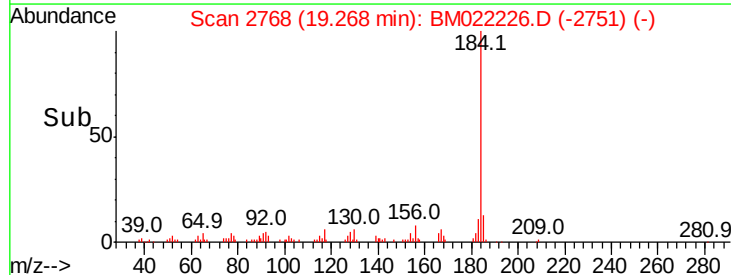
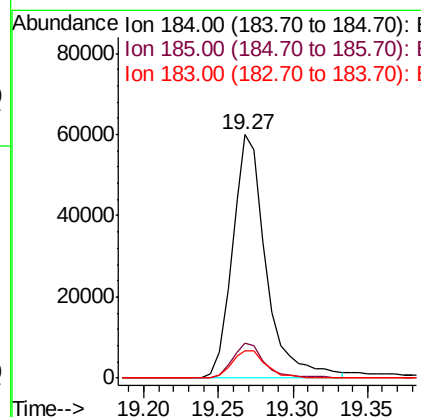
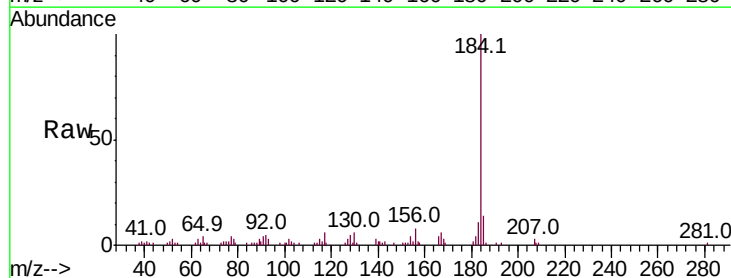
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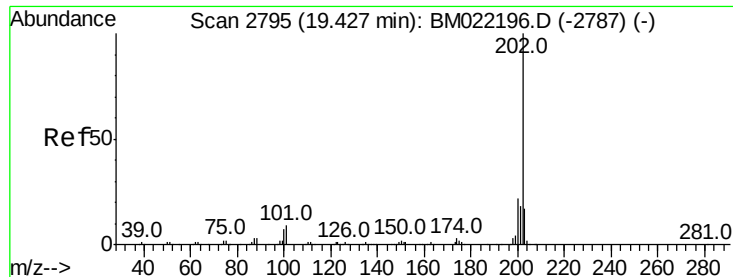
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#77
 Benzidine
 Concen: 33.377 ng
 RT: 19.27 min Scan# 2768
 Delta R.T. 0.00 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.1	11.4	17.2
183	11.1	9.6	14.4





#78

Pvrene

Concen: 34.208 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

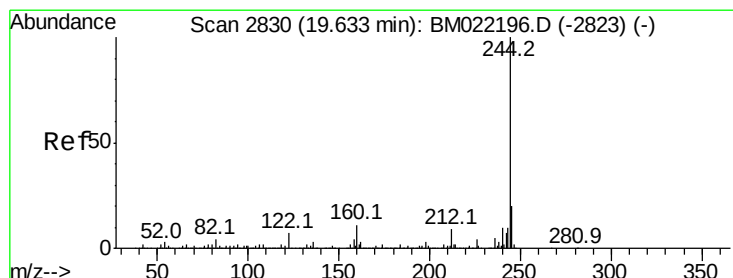
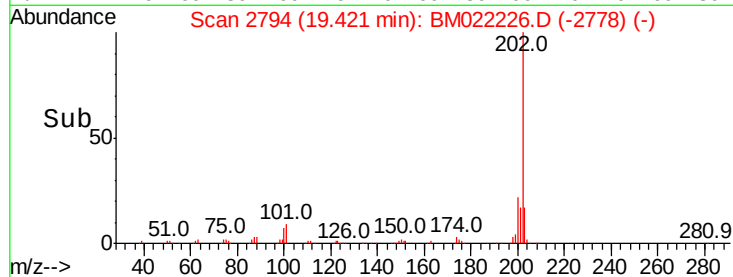
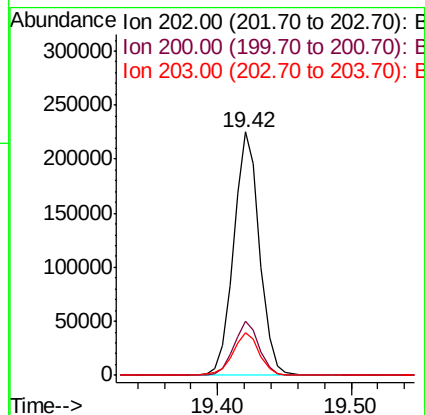
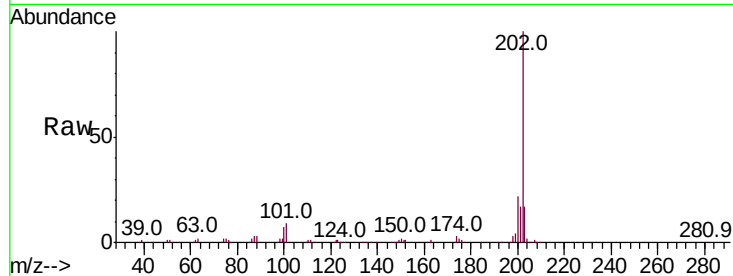
ClientSampleId :

SB-05(13-14)MSD

Tot Ion:	202	Resp:	302812
Ion Ratio		Lower	Upper
202	100		
200	22.2	17.0	25.4
203	17.4	14.0	21.0

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#79

Terphenyl-d14

Concen: 64.409 ng

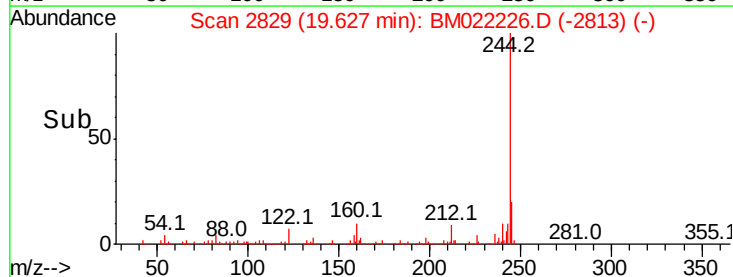
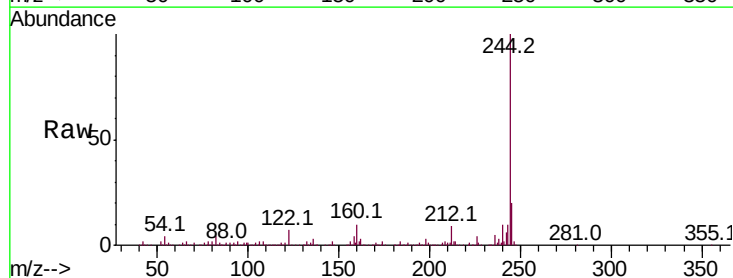
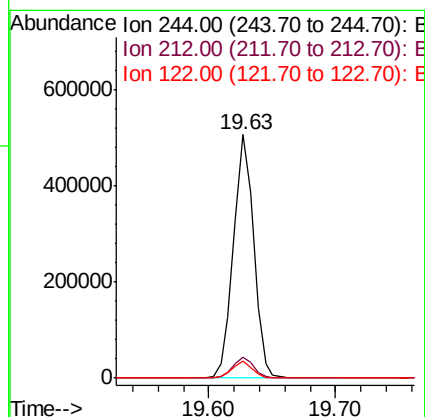
RT: 19.63 min Scan# 2829

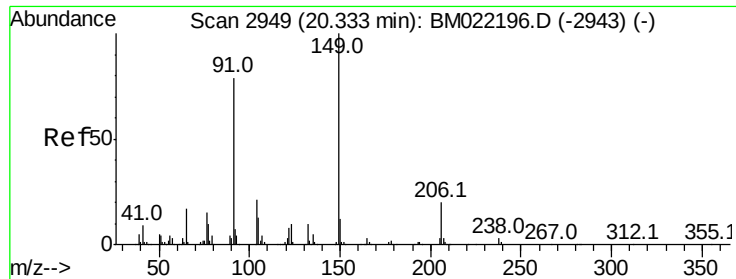
Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:	244	Resp:	555914
Ion Ratio		Lower	Upper
244	100		
212	8.6	5.3	7.9#
122	6.8	6.6	9.8





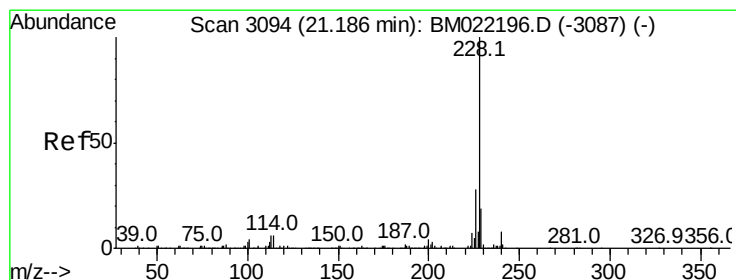
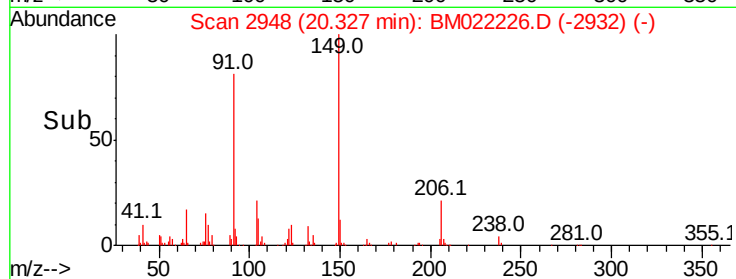
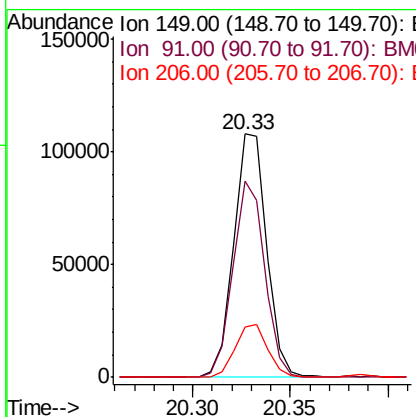
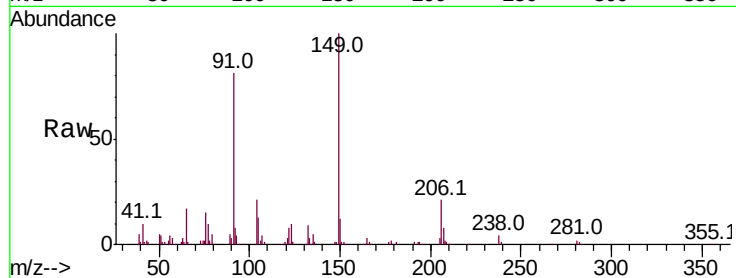
#80
Butylbenzylphthalate
Concen: 31.875 ng
RT: 20.33 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	126203		
91	80.8	50.9	76.3#	
206	20.9	19.7	29.5	

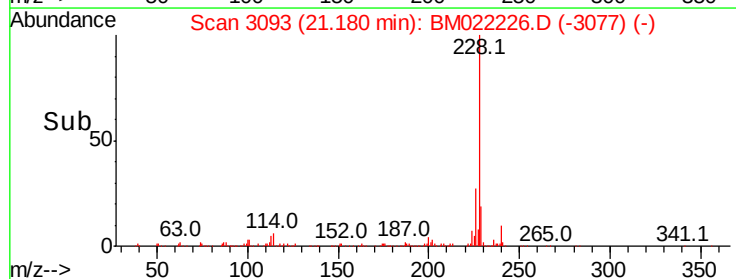
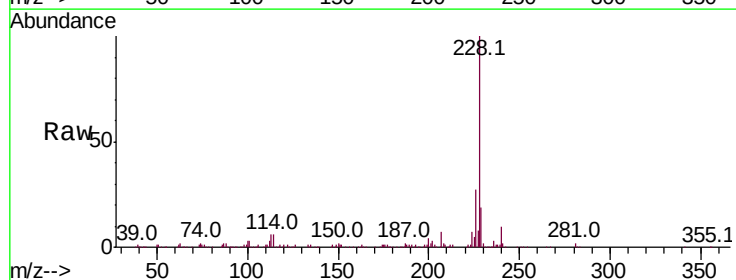
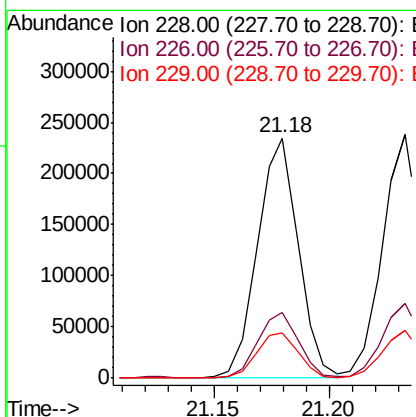
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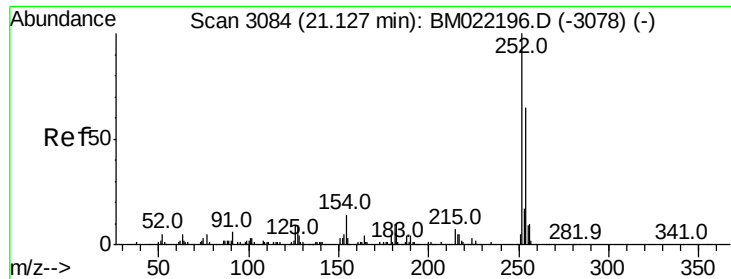
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#81
Benzo(a)anthracene
Concen: 32.542 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	287813		
226	27.4	21.6	32.4	
229	18.9	15.5	23.3	





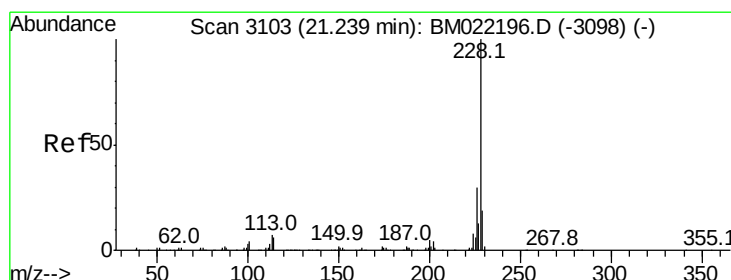
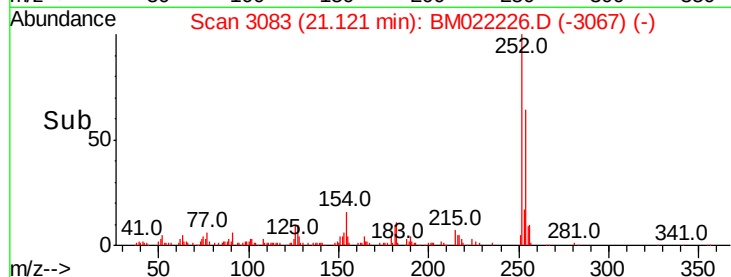
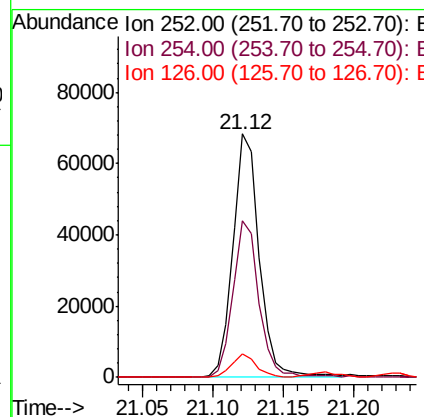
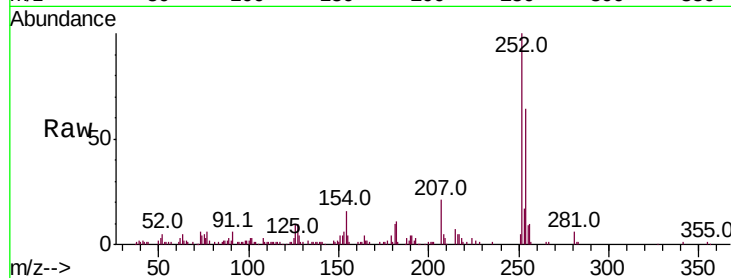
#82
 3,3'-Dichlorobenzidine
 Concen: 28.802 ng
 RT: 21.12 min Scan# 3083
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.7	77.5
126	9.8	6.6	9.8

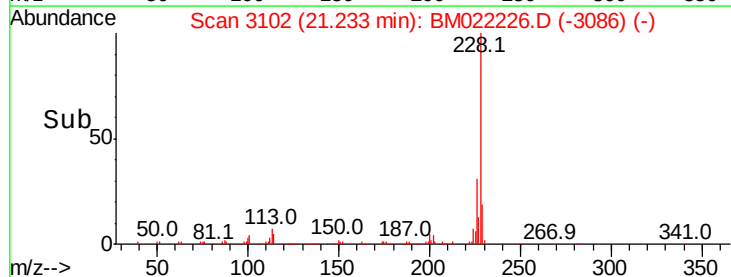
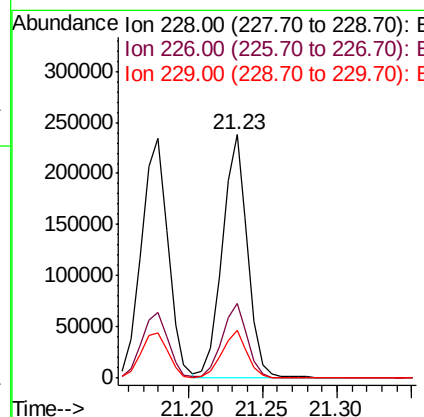
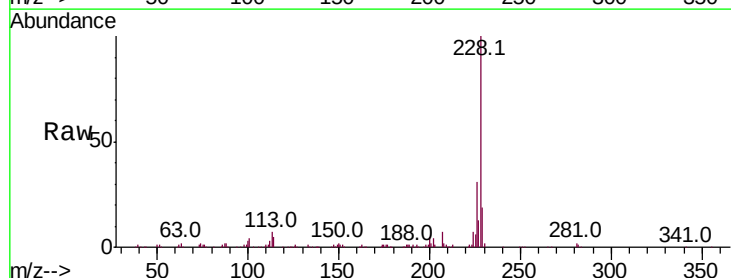
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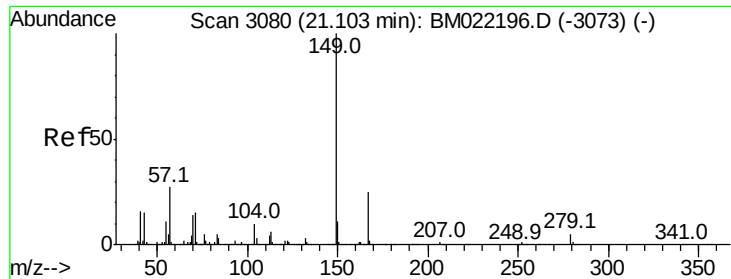
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#83
 Chrysene
 Concen: 33.005 ng
 RT: 21.23 min Scan# 3102
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	19.4	15.6	23.4





#84

Bis(2-ethylhexyl)phthalate

Concen: 31.768 ng

RT: 21.10 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Instrument :

BNA_M

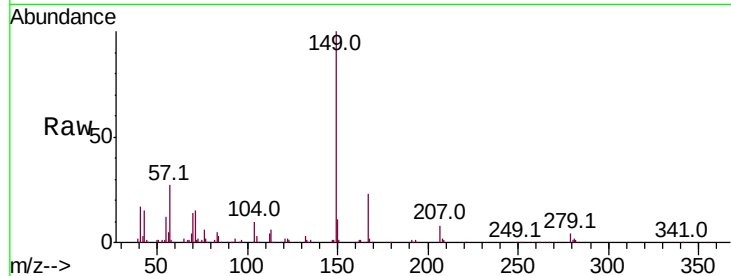
ClientSampleId :

SB-05(13-14)MSD

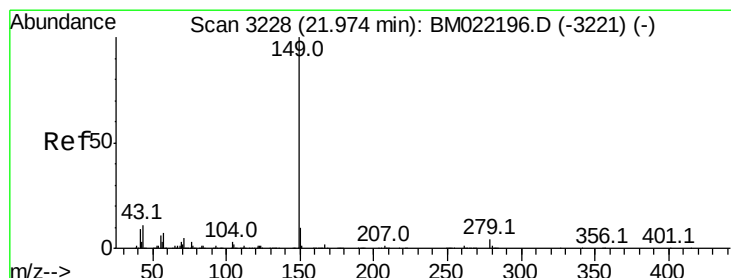
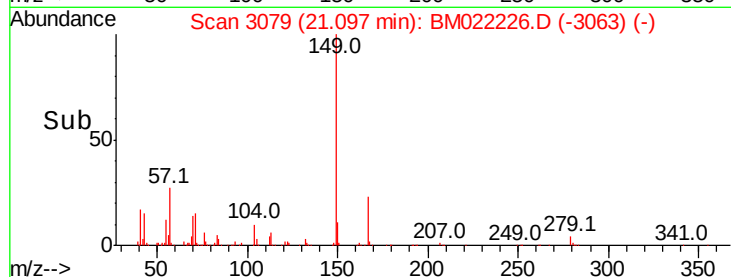
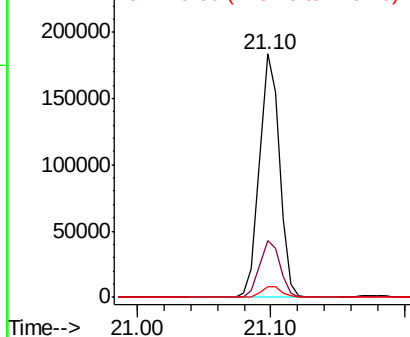
Tot Ion:	149	Resp:	189161
Ion Ratio	Lower	Upper	
149	100		
167	23.4	23.0	34.4
279	4.4	4.6	7.0#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 31.341 ng

RT: 21.97 min Scan# 3227

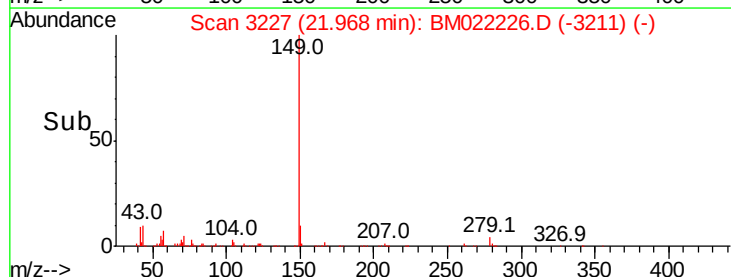
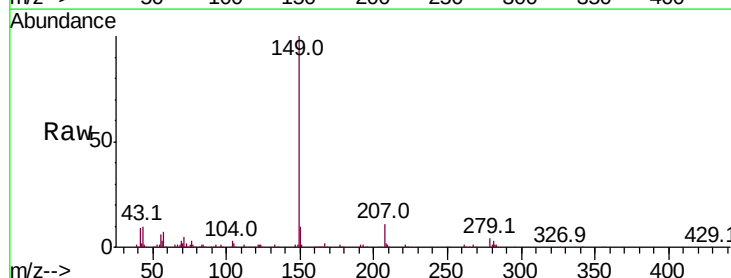
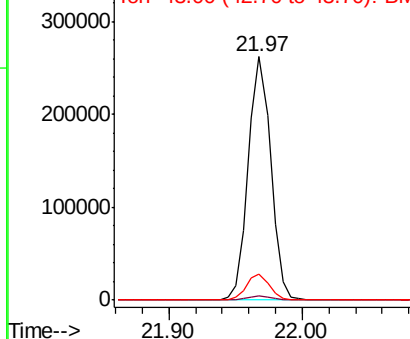
Delta R.T. -0.01 min

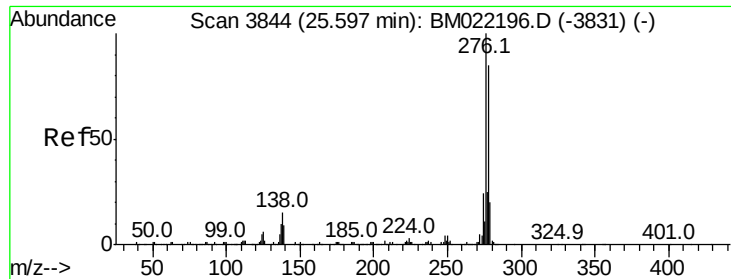
Lab File: BM022226.D

Acq: 21 Aug 2019 13:16

Tgt Ion:	149	Resp:	302059
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.7	6.2	9.2#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BMO





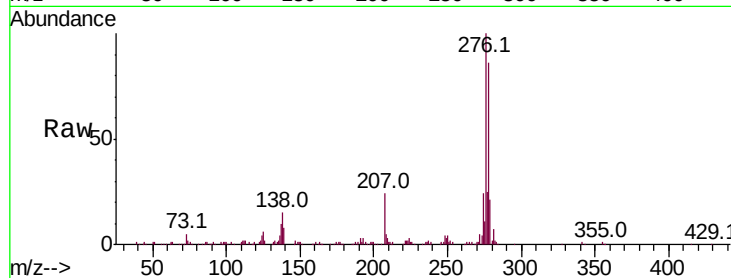
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.920 ng
 RT: 25.59 min Scan# 3842
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

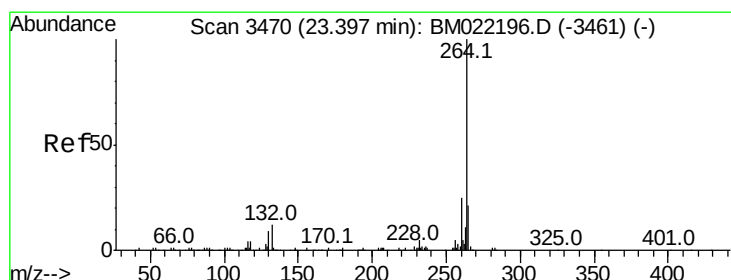
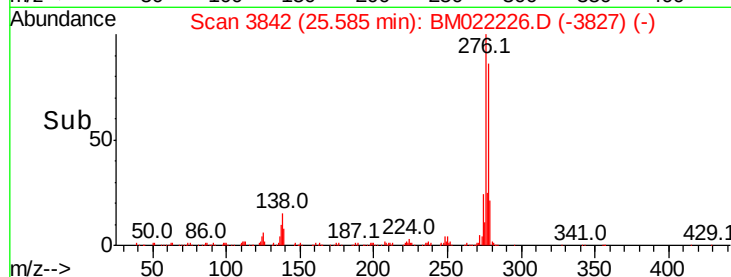
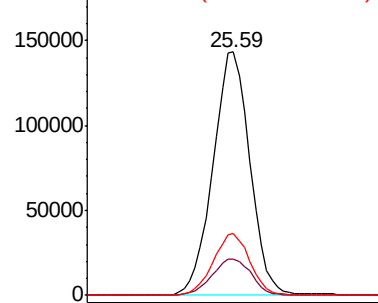
Tot Ion:	276	Resp:	391338
Ion Ratio	Lower	Upper	
276	100		
138	15.7	15.4	23.0
277	25.3	20.4	30.6

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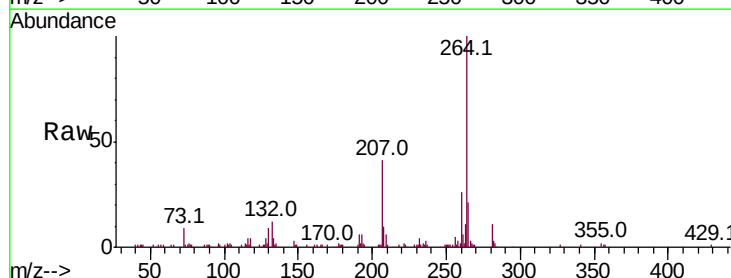


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

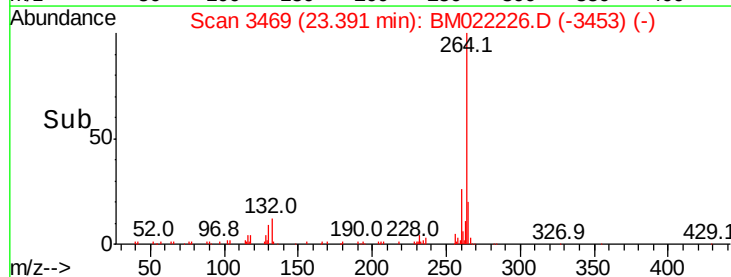
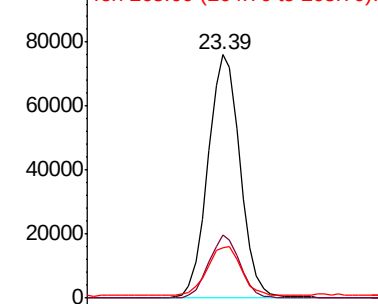


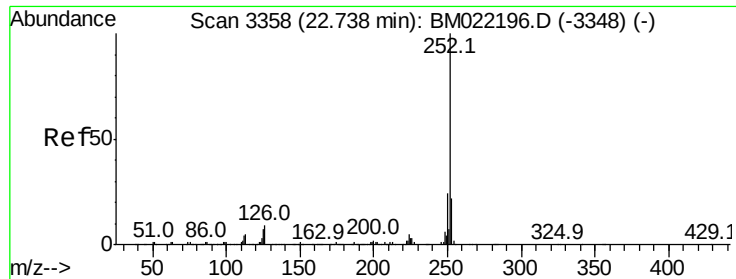
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.39 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Tgt Ion:	264	Resp:	146941
Ion Ratio	Lower	Upper	
264	100		
260	26.1	19.0	28.4
265	20.9	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





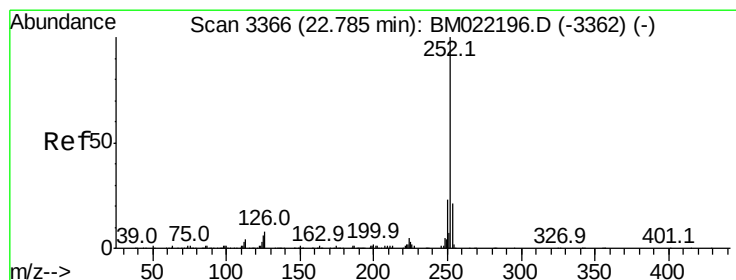
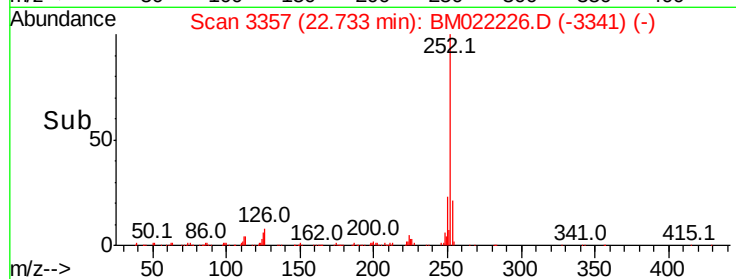
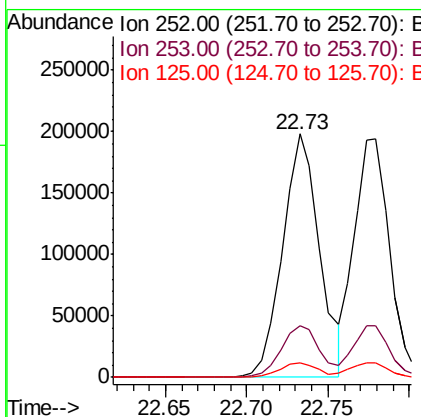
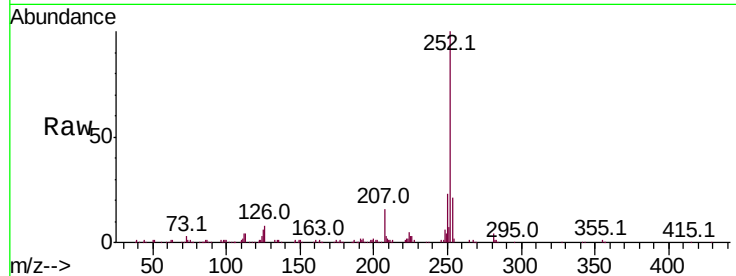
#88
Benzo(b)fluoranthene
Concen: 31.674 ng m
RT: 22.73 min Scan# 3357
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.4	26.0
125	5.8	5.9	8.9#

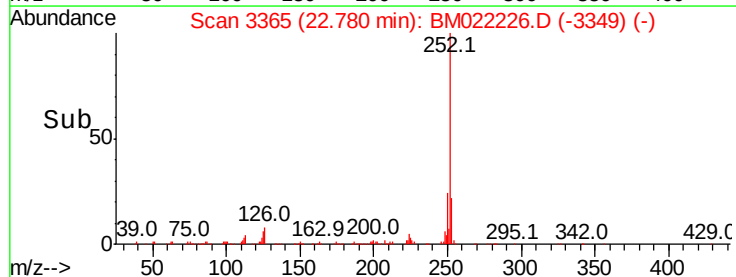
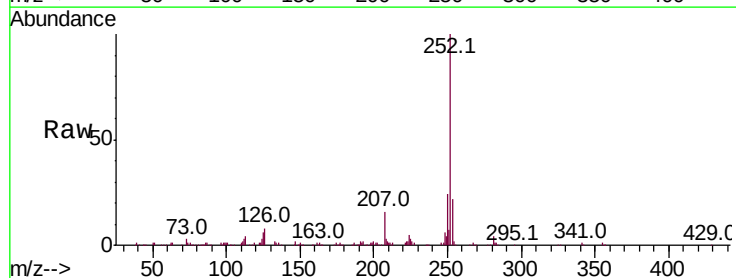
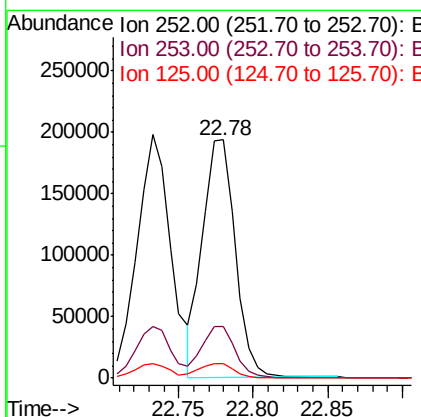
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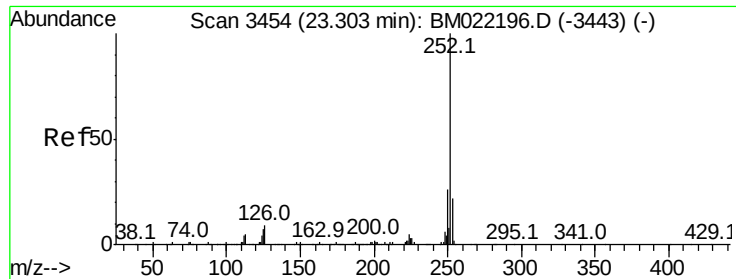
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#89
Benzo(k)fluoranthene
Concen: 30.723 ng
RT: 22.78 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	6.0	5.9	8.9





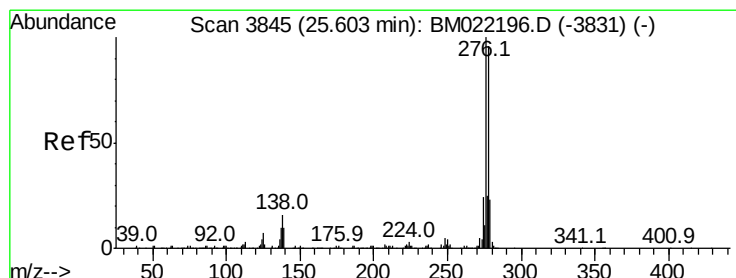
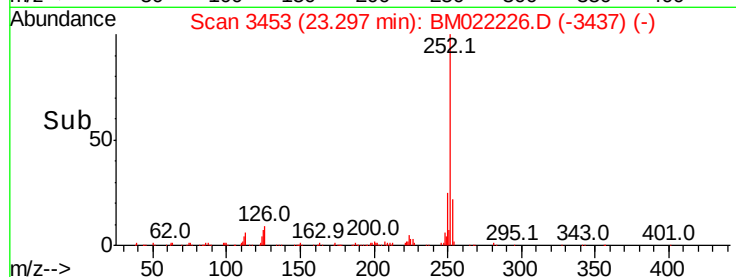
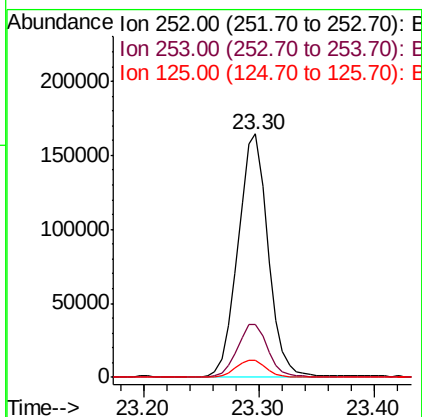
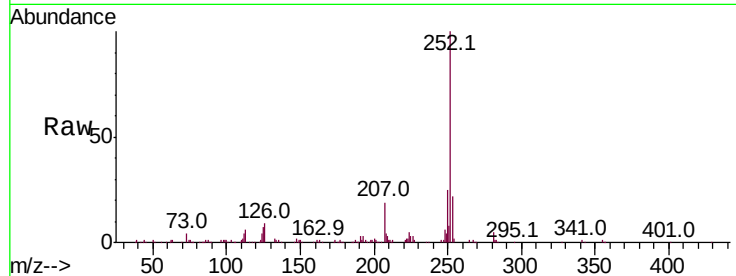
#90
Benzo(a)pyrene
Concen: 33.425 ng
RT: 23.30 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Instrument :
BNA_M
ClientSampleId :
SB-05(13-14)MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.8	17.5	26.3
125	6.9	6.6	10.0

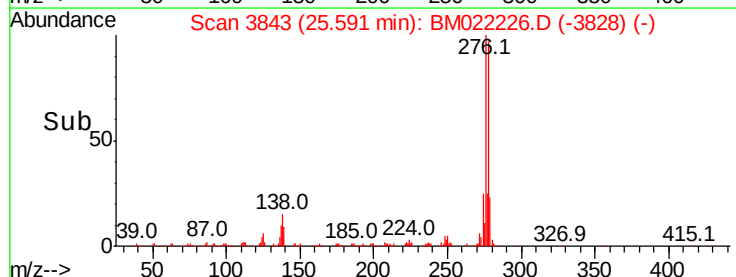
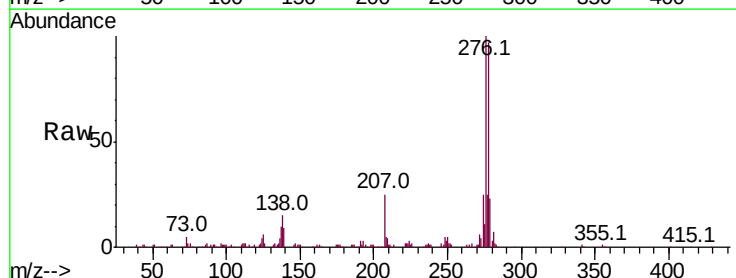
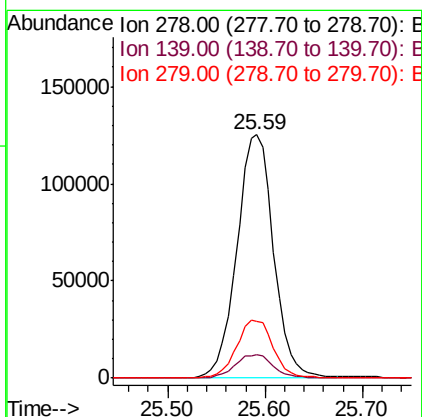
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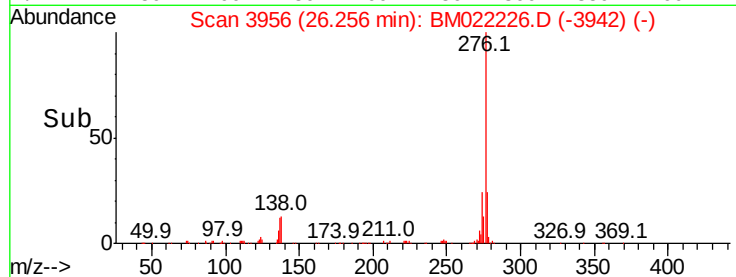
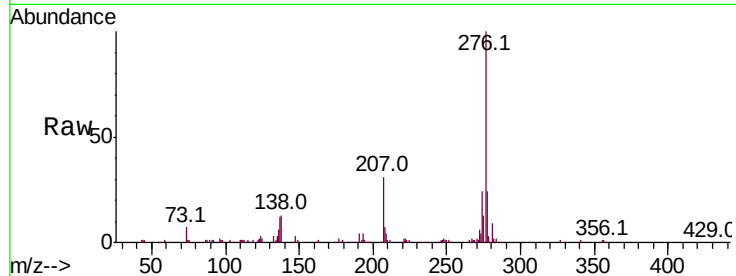
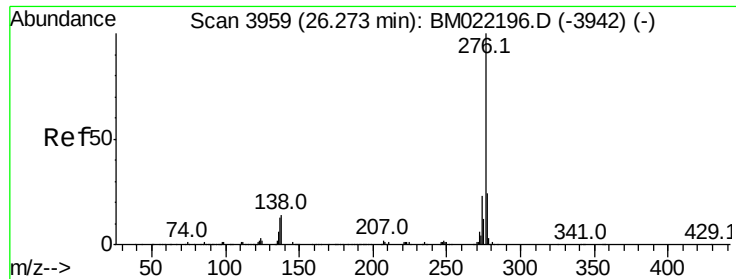
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#91
Dibenzo(a,h)anthracene
Concen: 34.606 ng
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BM022226.D
Acq: 21 Aug 2019 13:16

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	9.7	9.8	14.8#
279	23.3	18.7	28.1





#92
 Benzo(a,h,i)perylene
 Concen: 36.992 ng
 RT: 26.26 min Scan# 3956
 Delta R.T. -0.02 min
 Lab File: BM022226.D
 Acq: 21 Aug 2019 13:16

Instrument :
 BNA_M
 ClientSampleId :
 SB-05(13-14)MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.2	18.8	28.2
138	13.2	13.1	19.7

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