

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020419\
 Data File : BM018730.D
 Acq On : 04 Feb 2019 22:01
 Operator : JU/SJ
 Sample : K1011-14MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-013119-AMS

Manual Integrations
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mohammad
 2/5/2019 8:41:36 AM

Quant Time: Feb 05 04:03:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	223921	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	815204	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	411502	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	840937	20.00	ng	0.00
76) Chrysene-d12	21.31	240	822850	20.00	ng	0.00
87) Perylene-d12	23.57	264	883183	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	1627358	134.19	ng	0.00
7) Phenol-d6	6.89	99	1860122	120.77	ng	0.00
23) Nitrobenzene-d5	8.89	82	1350976	96.07	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	740358	141.30	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	3120492	98.95	ng	0.00
79) Terphenyl-d14	19.75	244	3757446	96.26	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	177097	35.831	ng	# 34
3) Pyridine	3.68	79	392899	31.884	ng	99
4) n-Nitrosodimethylamine	3.58	42	243452	47.777	ng	# 93
6) Aniline	7.06	93	80011	4.657	ng	97
8) 2-Chlorophenol	7.29	128	583339	41.187	ng	97
9) Benzaldehyde	6.87	77	326953	35.802	ng	99
10) Phenol	6.92	94	553154	35.342	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	489553	39.807	ng	97
12) 1,3-Dichlorobenzene	7.60	146	649805	38.525	ng	98
13) 1,4-Dichlorobenzene	7.75	146	664386	38.863	ng	98
14) 1,2-Dichlorobenzene	8.07	146	632791	39.036	ng	99
15) Benzyl Alcohol	7.97	79	440839	39.627	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	658479	41.897	ng	96
17) 2-Methylphenol	8.16	107	423675	39.879	ng	99
18) Hexachloroethane	8.78	117	230059	37.743	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	377498	37.661	ng	93
20) 3+4-Methylphenols	8.49	107	562990	38.386	ng	99
22) Acetophenone	8.55	105	787500	39.051	ng	# 98
24) Nitrobenzene	8.93	77	587654	42.472	ng	99
25) Isophorone	9.45	82	978494	45.951	ng	98
26) 2-Nitrophenol	9.63	139	297085	44.405	ng	96
27) 2,4-Dimethylphenol	9.69	122	475159	47.383	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	631136	42.904	ng	99
29) 2,4-Dichlorophenol	10.16	162	501736	42.018	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	601721	40.598	ng	99
31) Naphthalene	10.56	128	1740122	44.323	ng	99
32) Benzoic acid	9.79	122	65538	14.894	ng	96
33) 4-Chloroaniline	10.69	127	37101	2.400	ng	99
34) Hexachlorobutadiene	10.82	225	362755	38.741	ng	98
35) Caprolactam	11.49	113	98713m	24.315	ng	
36) 4-Chloro-3-methylphenol	11.80	107	492278	39.295	ng	99
37) 2-Methylnaphthalene	12.17	142	1230559	44.362	ng	99
38) 1-Methylnaphthalene	12.40	142	1163954	43.367	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	633483	44.022	ng	99

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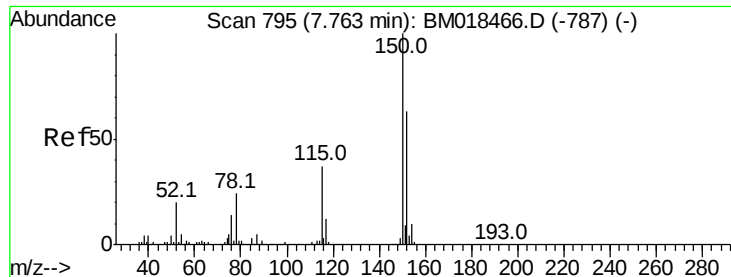
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	708707	89.736	ng	100
43) 2,4,6-Trichlorophenol	12.79	196	396279	45.349	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	408601	44.460	ng	99
46) 1,1'-Biphenyl	13.20	154	1530333	42.592	ng	99
47) 2-Chloronaphthalene	13.24	162	1180356	42.364	ng	99
48) 2-Nitroaniline	13.46	65	280818	40.966	ng	94
49) Acenaphthylene	14.09	152	1843490	45.401	ng	100
50) Dimethylphthalate	13.83	163	1391782	41.182	ng	99
51) 2,6-Dinitrotoluene	13.96	165	303625	42.413	ng	95
52) Acenaphthene	14.43	154	1061147	42.712	ng	98
53) 3-Nitroaniline	14.29	138	40378	5.595	ng	96
54) 2,4-Dinitrophenol	14.50	184	139114	39.867	ng	92
55) Dibenzofuran	14.77	168	1701199	41.442	ng	99
56) 4-Nitrophenol	14.60	139	418029	67.047	ng	97
57) 2,4-Dinitrotoluene	14.74	165	408439	40.325	ng	97
58) Fluorene	15.42	166	1353910	44.276	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	356056	43.709	ng	99
60) Diethylphthalate	15.20	149	1367231	40.075	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	690744	39.193	ng	98
62) 4-Nitroaniline	15.46	138	233907	29.714	ng	96
63) Azobenzene	15.71	77	1131227	40.668	ng	97
65) 4,6-Dinitro-2-methylphenol	15.50	198	137840	28.220	ng	95
66) n-Nitrosodiphenylamine	15.63	169	1153124	44.206	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	398650	42.362	ng	97
68) Hexachlorobenzene	16.42	284	447021	42.432	ng	98
69) Atrazine	16.59	200	389156	41.266	ng	99
70) Pentachlorophenol	16.76	266	499688	72.423	ng	99
71) Phenanthrene	17.16	178	2018699	45.132	ng	99
72) Anthracene	17.25	178	2029971	47.195	ng	100
73) Carbazole	17.53	167	1796850	40.662	ng	99
74) Di-n-butylphthalate	18.08	149	2123484	43.869	ng	99
75) Fluoranthene	19.18	202	2215690	42.965	ng	99
77) Benzidine	19.38	184	251136	12.361	ng	99
78) Pyrene	19.54	202	2287781	46.905	ng	100
80) Butylbenzylphthalate	20.44	149	914884	43.958	ng	99
81) Benzo(a)anthracene	21.29	228	2226107	45.922	ng	99
82) 3,3'-Dichlorobenzidine	21.23	252	210757	11.497	ng	97
83) Chrysene	21.34	228	2088566	44.618	ng	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	1280616	42.611	ng	99
85) Di-n-octyl phthalate	22.10	149	2233550	44.187	ng	95
86) Indeno(1,2,3-cd)pyrene	25.86	276	2884561	53.440	ng	98
88) Benzo(b)fluoranthene	22.89	252	2272614	45.325	ng	99
89) Benzo(k)fluoranthene	22.93	252	2253233	44.592	ng	99
90) Benzo(a)pyrene	23.47	252	2249302	46.858	ng	98
91) Dibenzo(a,h)anthracene	25.87	278	2433695	50.037	ng	98
92) Benzo(g,h,i)perylene	26.57	276	2419634	51.121	ng	98

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



#1

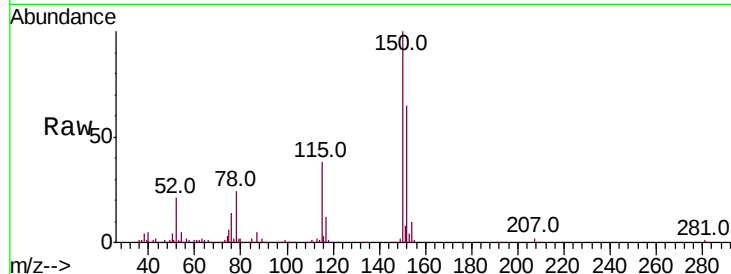
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.9	190.3
115	58.0	45.5	68.3

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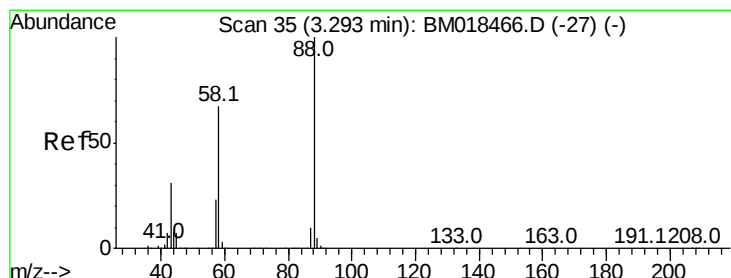
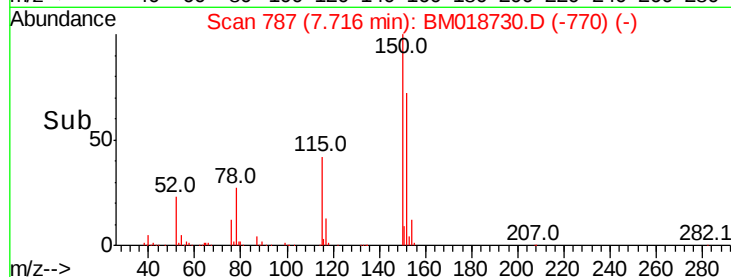
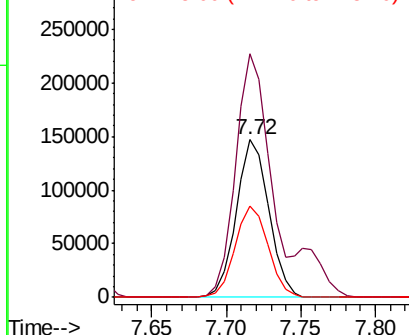


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

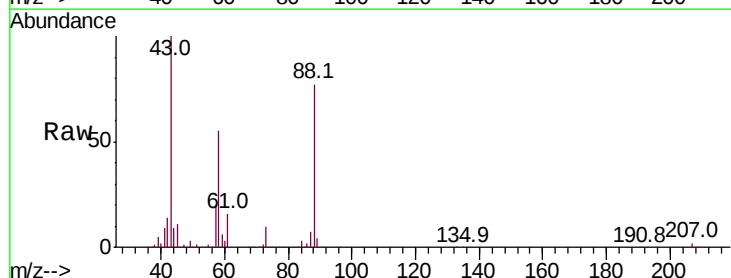
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.831 ng
RT: 3.27 min Scan# 31
Delta R.T. 0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	58.4	87.6
43	148.4	26.2	39.4#

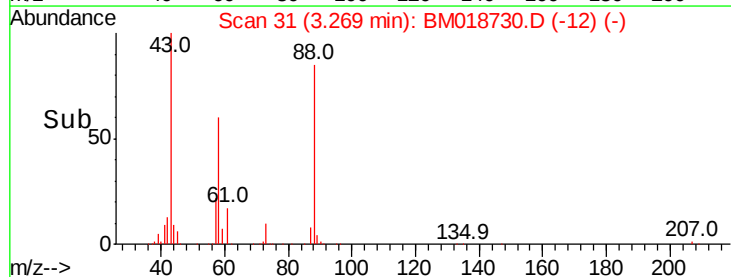
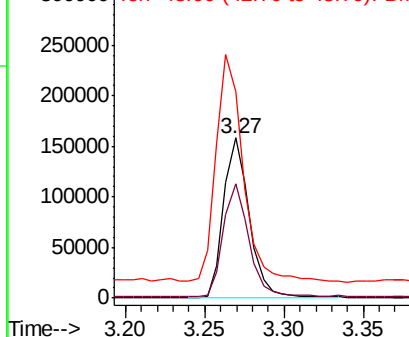


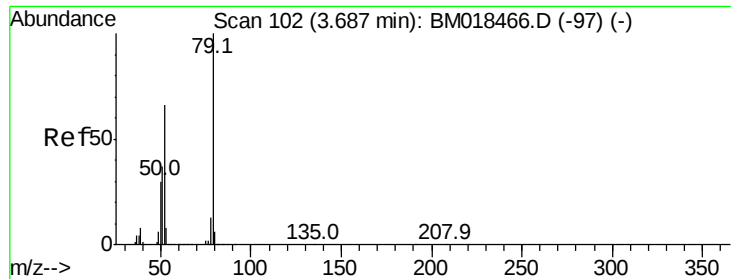
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





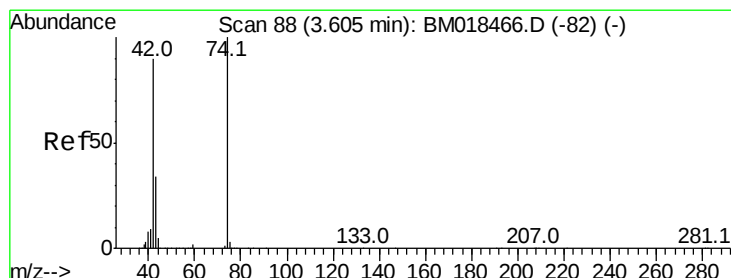
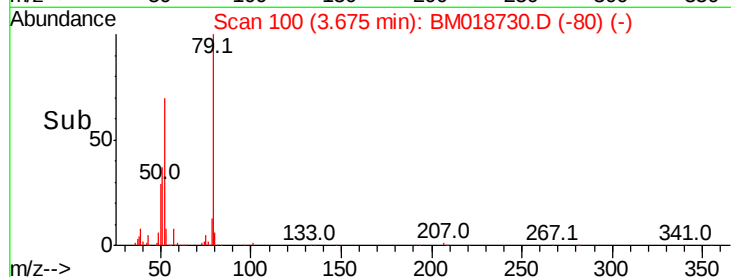
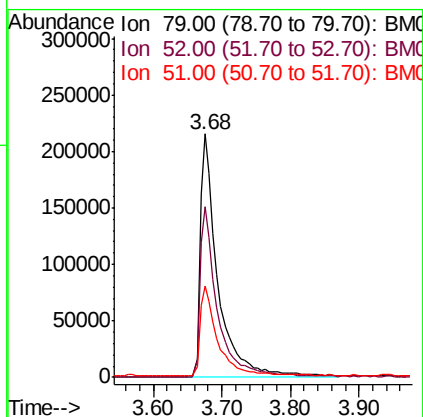
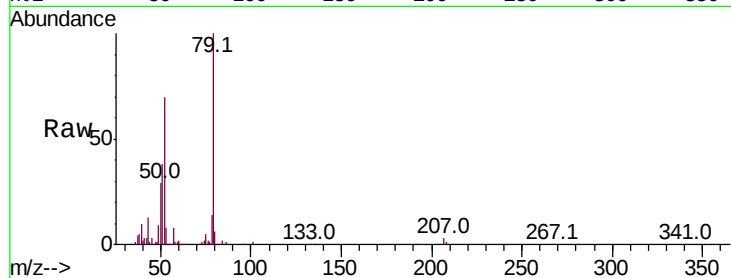
#3
 Pvridine
 Concen: 31.884 ng
 RT: 3.68 min Scan# 100
 Delta R.T. 0.02 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

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Tot Ion	Ratio	Lower	Upper
79	100		
52	70.0	56.4	84.6
51	37.5	31.0	46.4

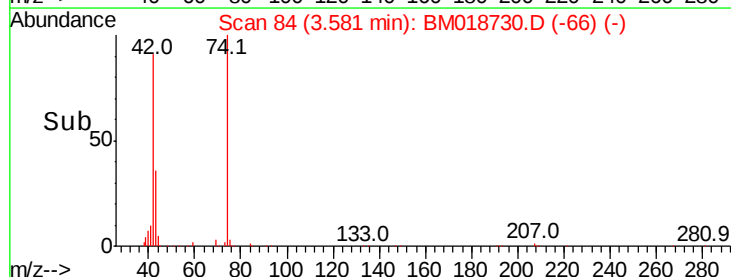
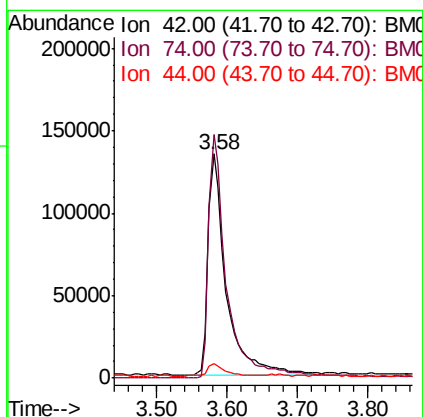
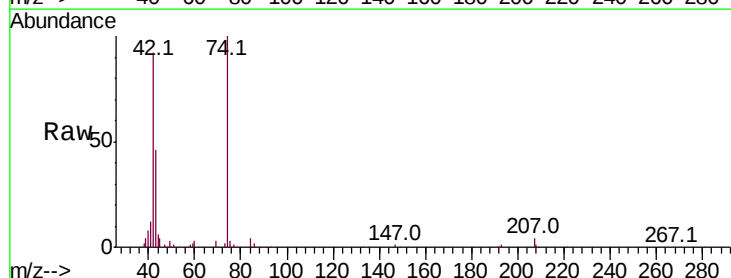
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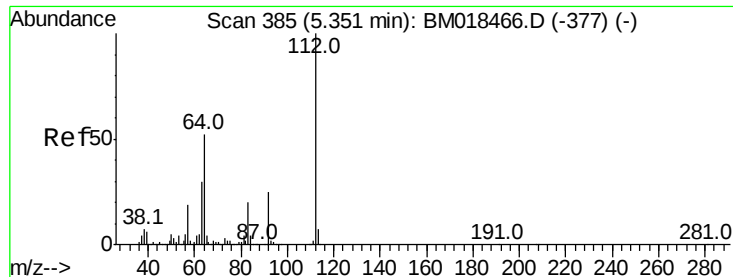
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#4
 n-Nitrosodimethylamine
 Concen: 47.777 ng
 RT: 3.58 min Scan# 84
 Delta R.T. 0.01 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.6	88.6	132.8
44	6.4	16.9	25.3





#5

2-Fluorophenol

Concen: 134.195 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

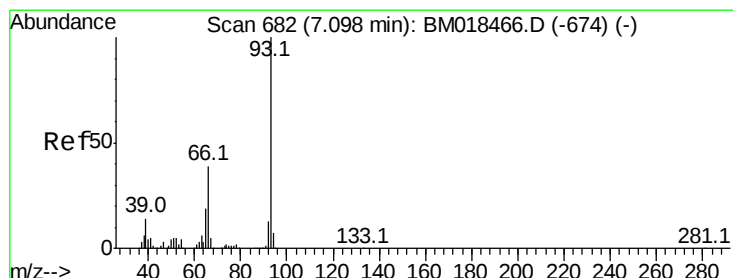
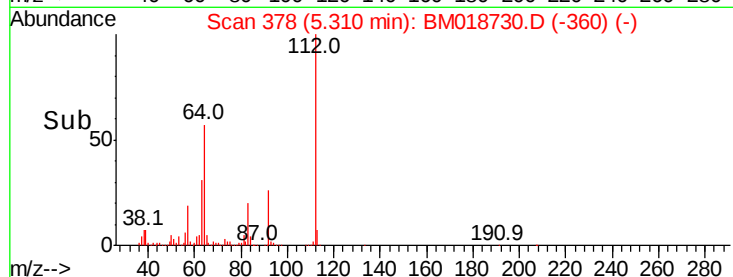
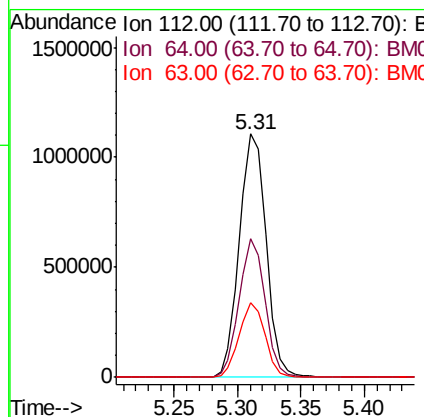
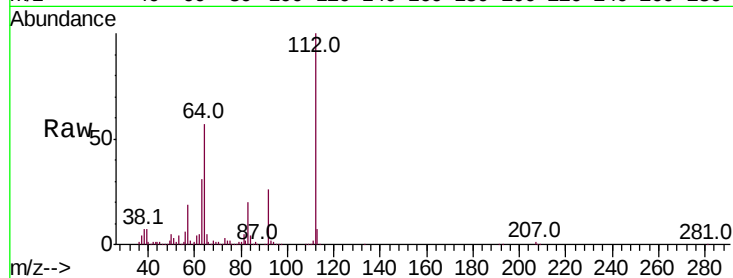
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Tot Ion:	112	Resp:	1627358
Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.5	69.7
63	30.8	25.2	37.8

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#6

Aniline

Concen: 4.657 ng

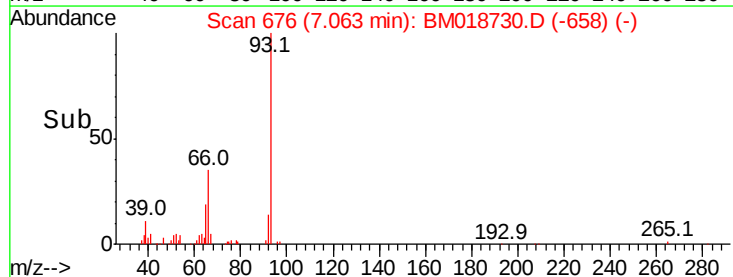
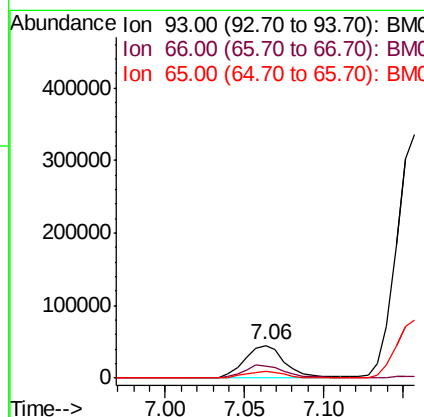
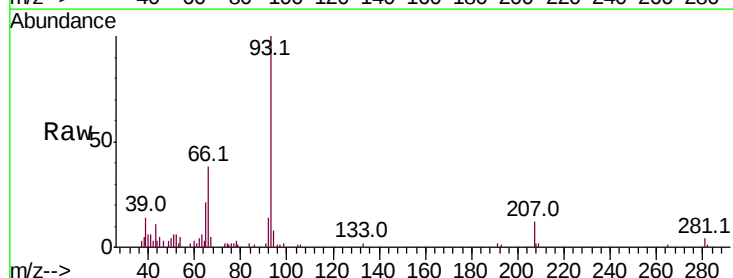
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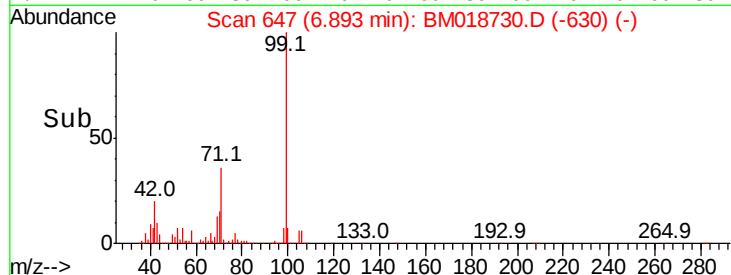
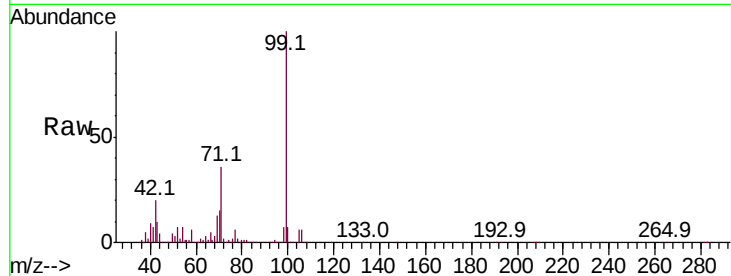
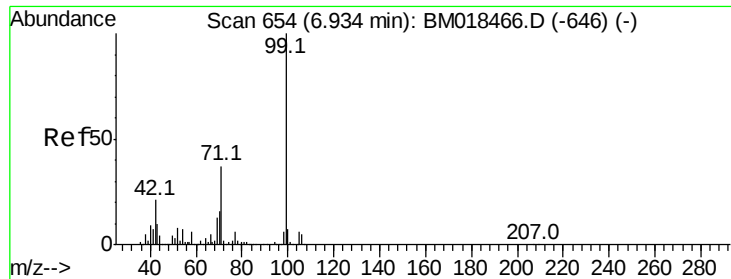
Delta R.T. 0.01 min

Lab File: BM018730.D

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Tgt Ion:	93	Resp:	80011
Ion	Ratio	Lower	Upper
93	100		
66	37.9	31.7	47.5
65	20.9	15.9	23.9





#7

Phenol-d6

Concen: 120.767 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tot Ion:	99	Resp:	1860122
Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.3	25.9
71	35.7	28.0	42.0

Instrument :

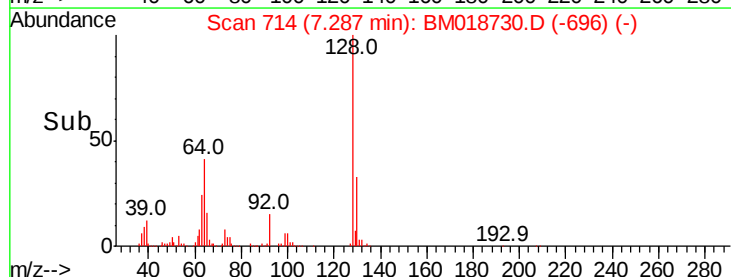
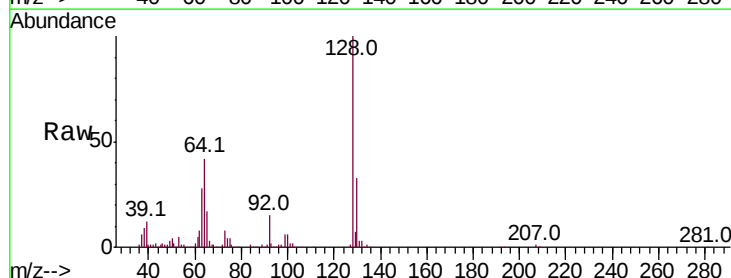
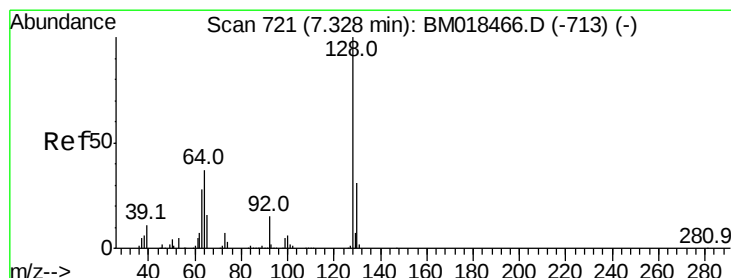
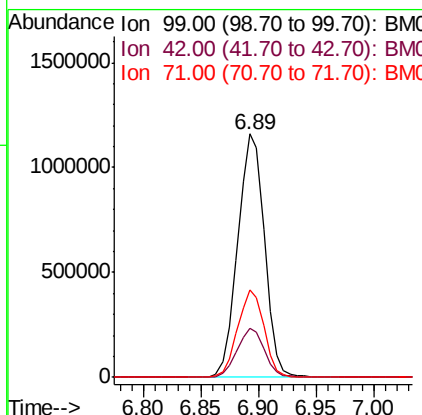
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#8

2-Chlorophenol

Concen: 41.187 ng

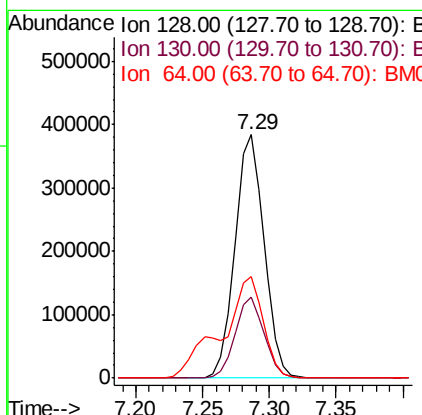
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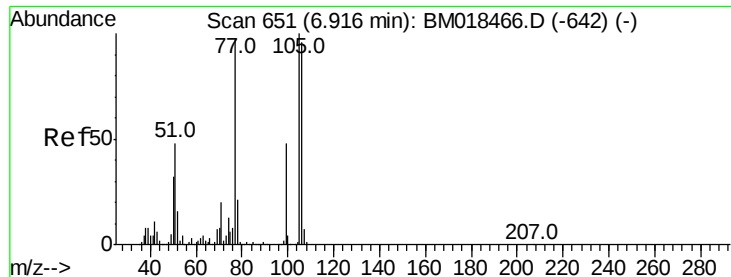
Delta R.T. 0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion:	128	Resp:	583339
Ion	Ratio	Lower	Upper
128	100		
130	33.4	13.6	53.6
64	41.5	24.8	64.8





#9

Benzaldehyde

Concen: 35.802 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

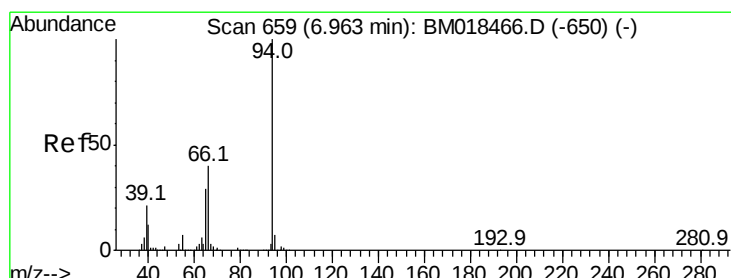
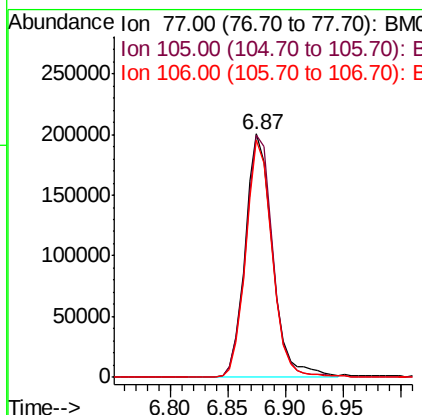
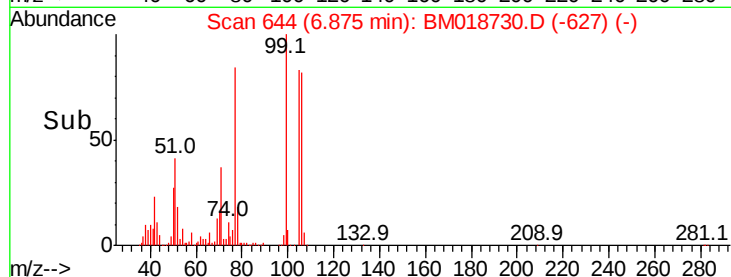
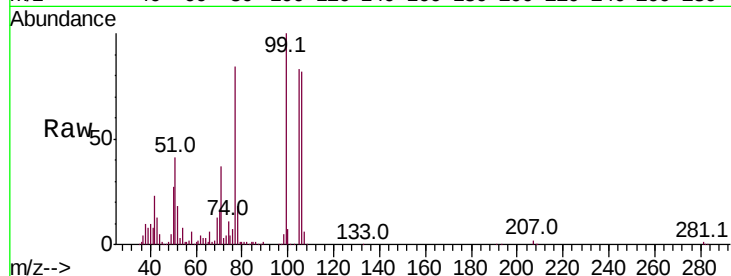
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	99.4	79.7	119.7
106	97.4	75.2	115.2

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#10

Phenol

Concen: 35.342 ng

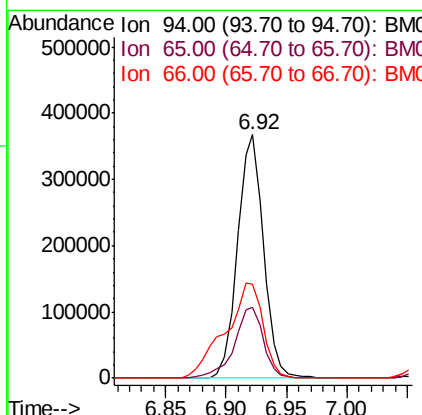
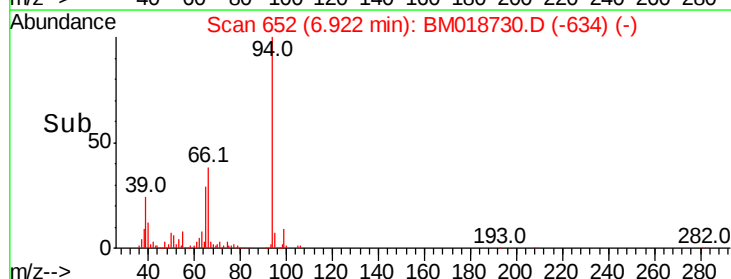
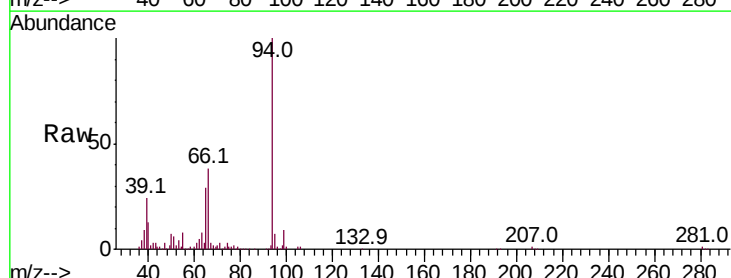
RT: 6.92 min Scan# 652

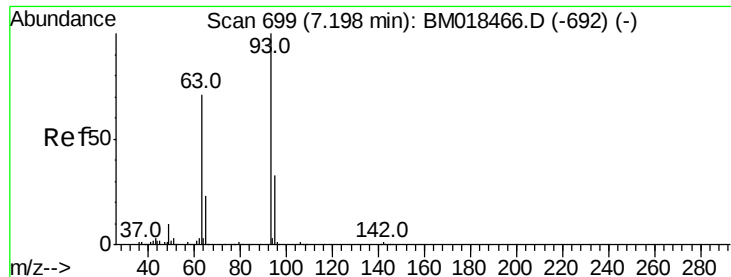
Delta R.T. 0.01 min

Lab File: BM018730.D

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Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.4	49.4
66	38.5	19.1	59.1





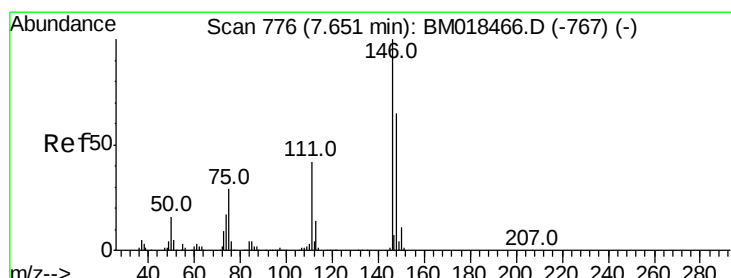
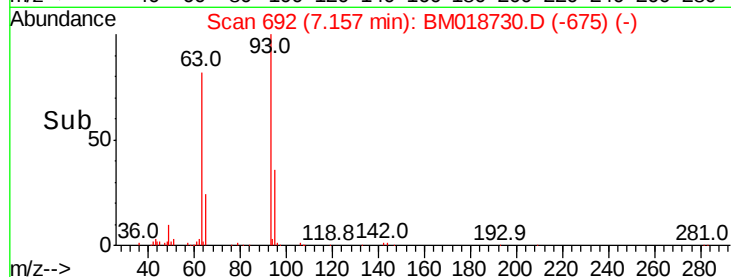
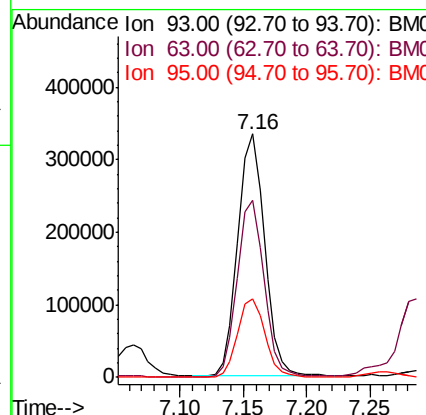
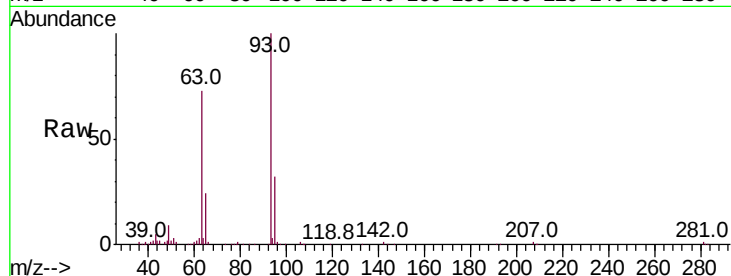
#11
bis(2-Chloroethyl)ether
Concen: 39.807 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.9	56.4	96.4
95	32.0	12.7	52.7

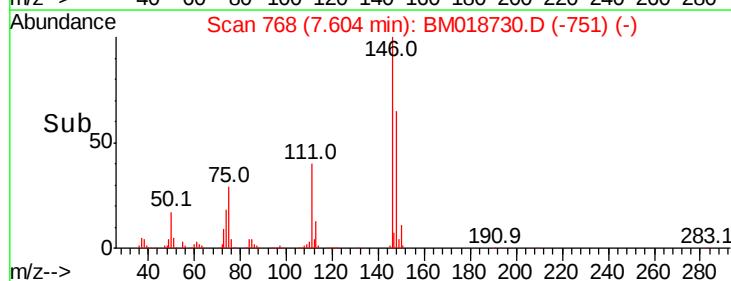
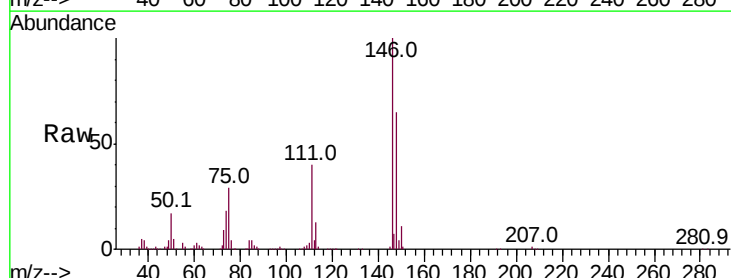
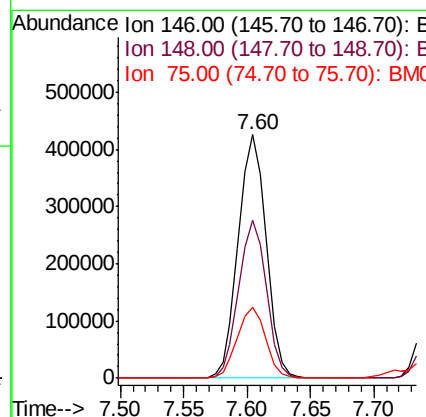
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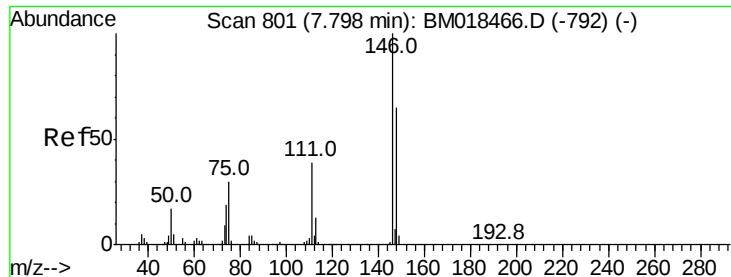
mohammad
2/5/2019 8:41:36 AM



#12
1,3-Dichlorobenzene
Concen: 38.525 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.5	75.7
75	28.9	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 38.863 ng

RT: 7.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

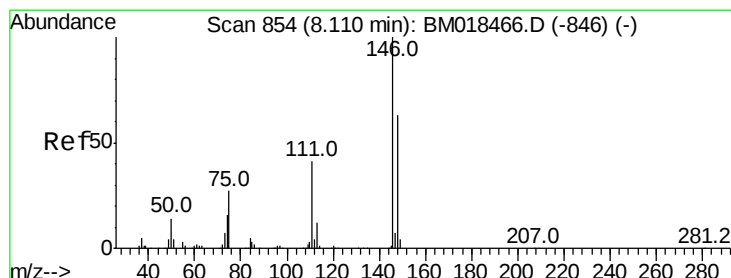
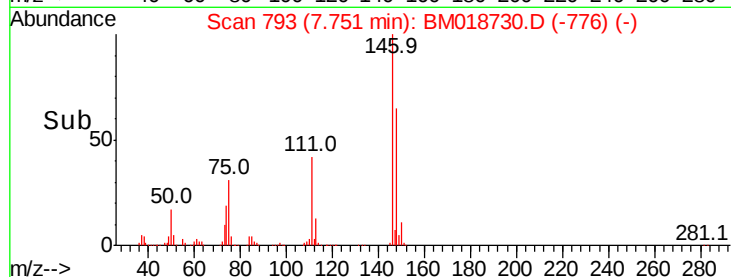
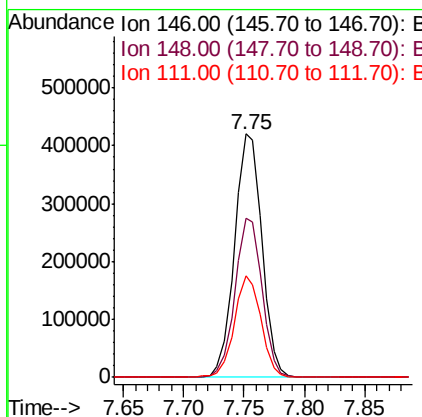
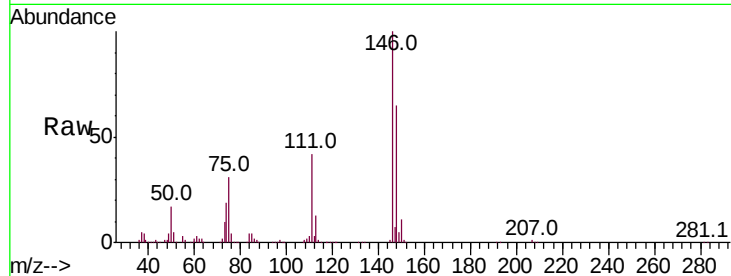
ClientSampleId :

OR-02-013119-AMS

Tot Ion:	146	Resp:	664386
Ion Ratio	Lower	Upper	
146	100		
148	65.4	50.8	76.2
111	41.6	32.2	48.2

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#14

1,2-Dichlorobenzene

Concen: 39.036 ng

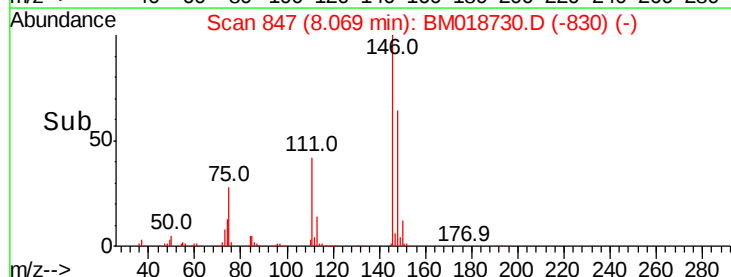
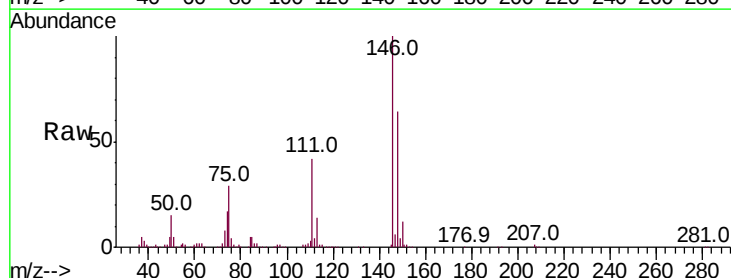
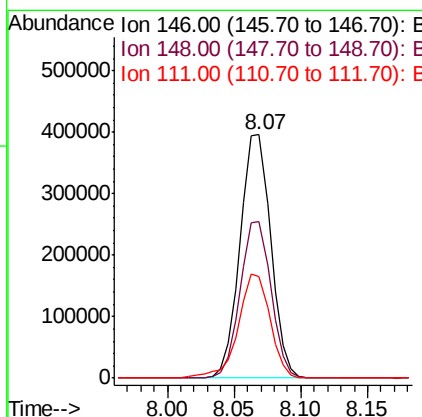
RT: 8.07 min Scan# 847

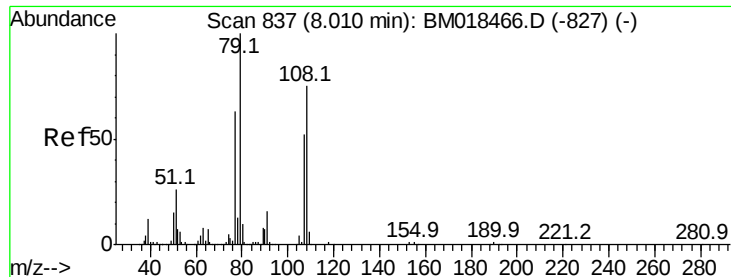
Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion:	146	Resp:	632791
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.0	76.6
111	41.8	33.8	50.6





#15

Benzyl Alcohol

Concen: 39.627 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

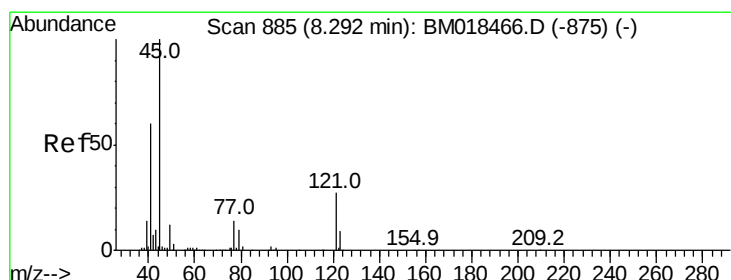
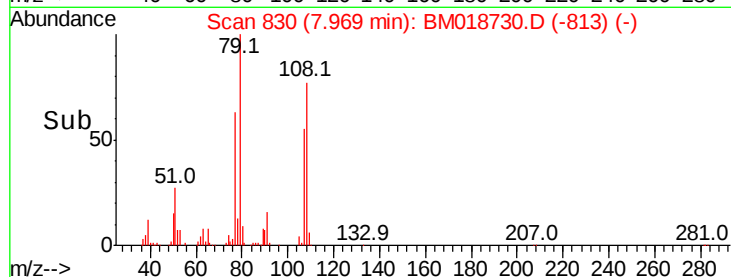
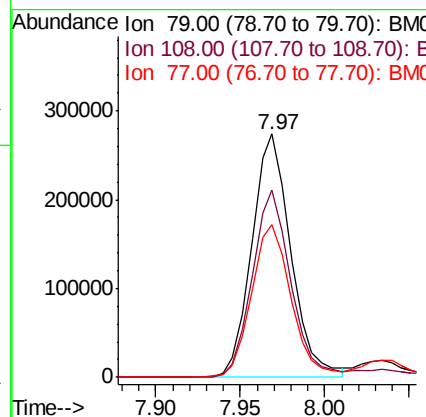
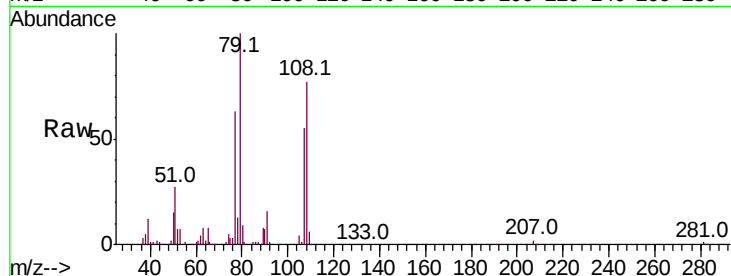
ClientSampleId :

OR-02-013119-AMS

Tot Ion:	79	Resp:	440839
Ion Ratio	Lower	Upper	
79	100		
108	76.7	60.4	90.6
77	62.8	53.4	80.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.897 ng

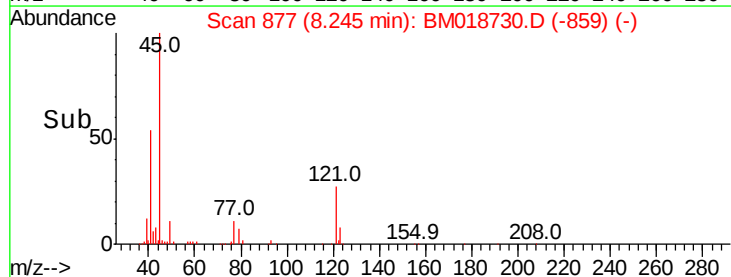
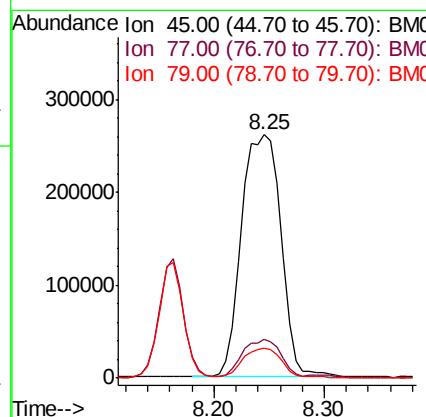
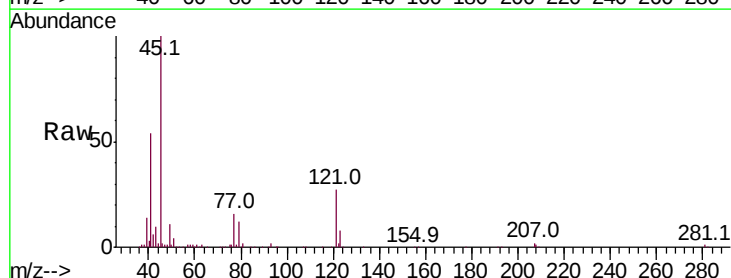
RT: 8.25 min Scan# 877

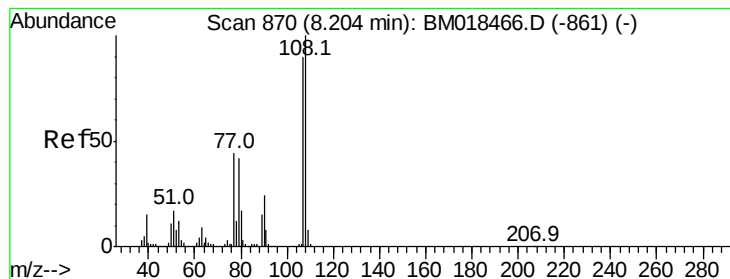
Delta R.T. 0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion:	45	Resp:	658479
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	33.4
79	12.0	0.0	31.1





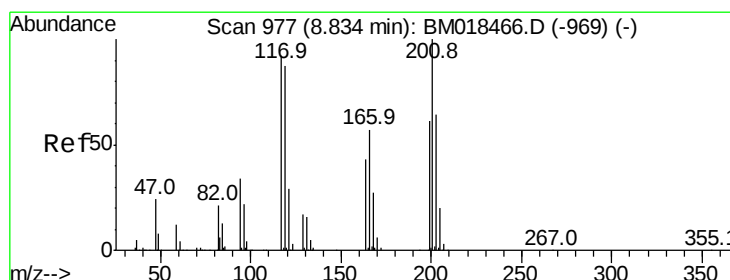
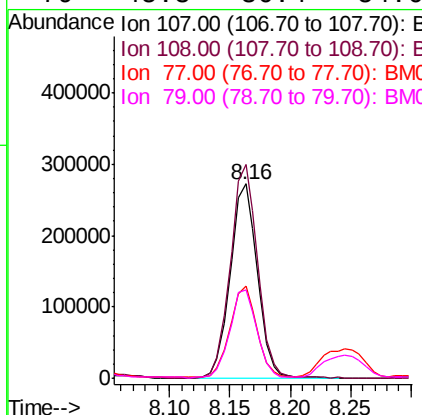
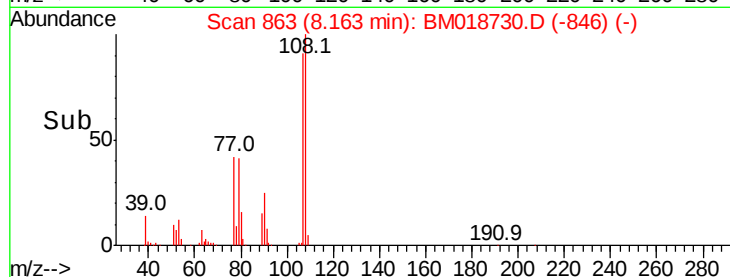
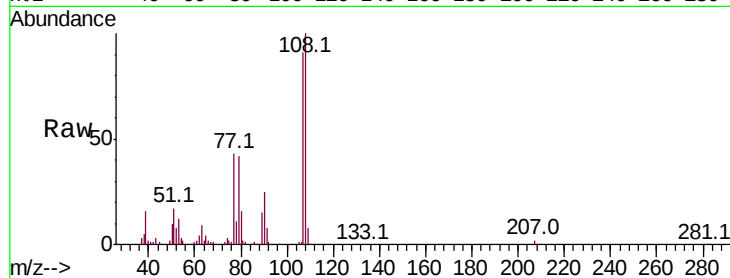
#17
2-Methylphenol
Concen: 39.879 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.1	87.5	131.3	
77	47.5	37.3	55.9	
79	45.8	36.4	54.6	

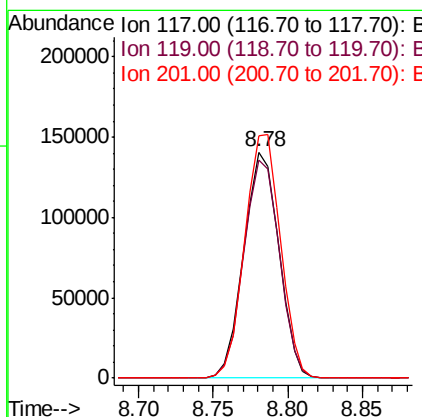
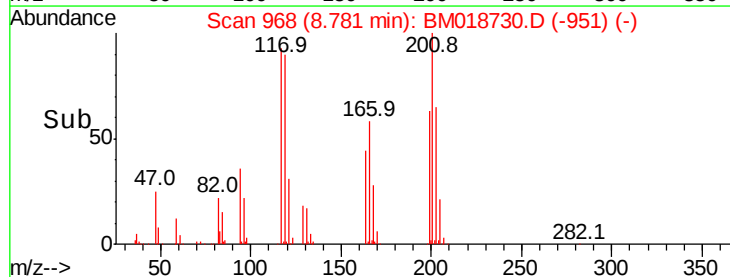
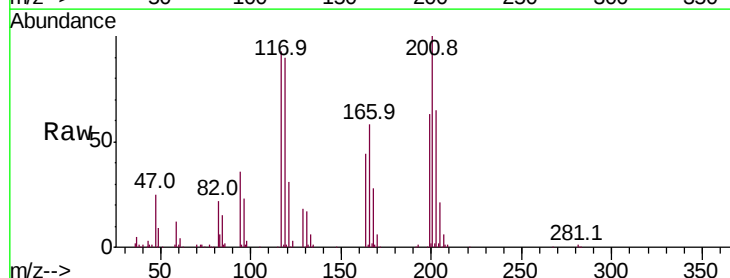
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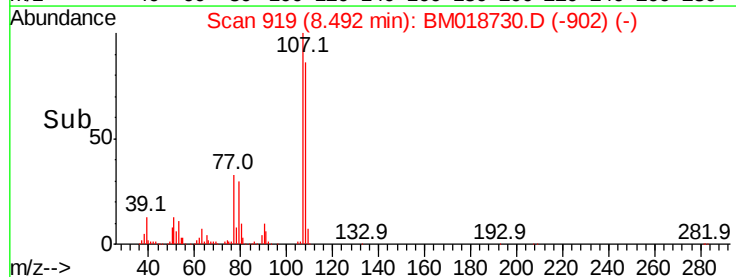
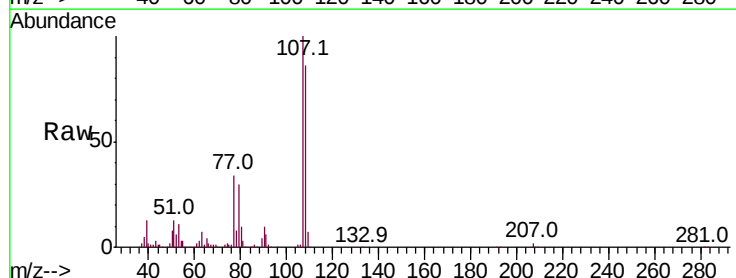
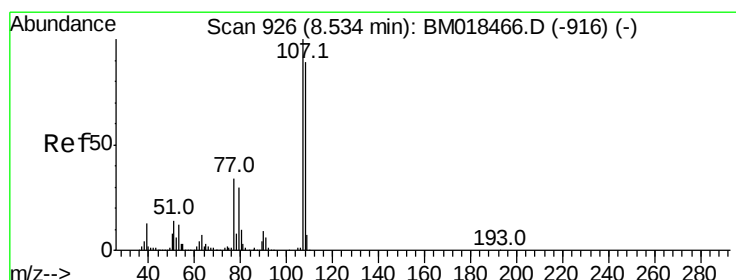
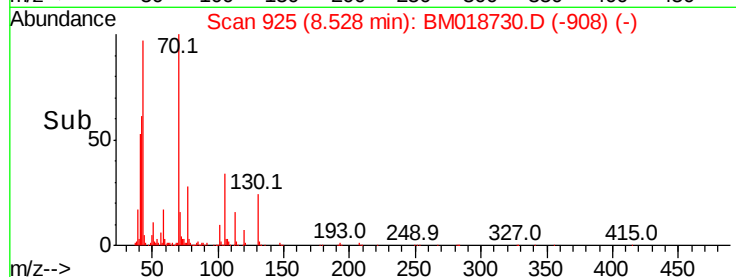
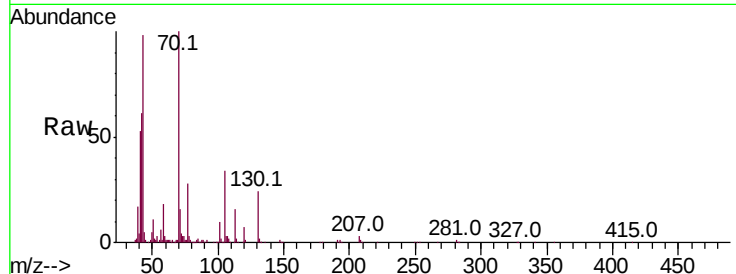
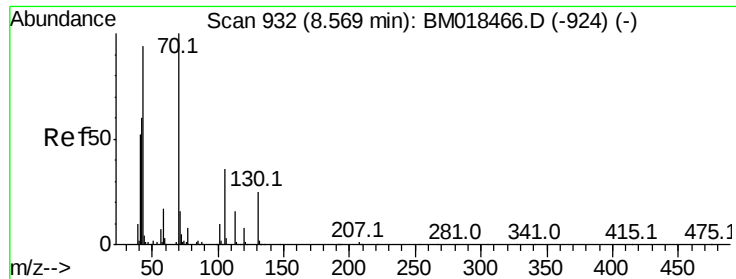
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#18
Hexachloroethane
Concen: 37.743 ng
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

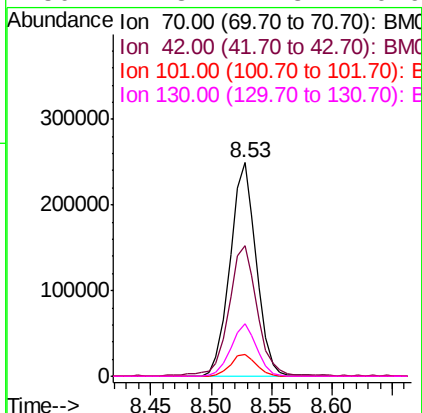
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	78.3	117.5	
201	107.2	81.4	122.0	





#19
n-Nitroso-di-n-propylamine
Concen: 37.661 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.9	54.0	81.0
101	10.0	8.1	12.1
130	24.3	17.8	26.6



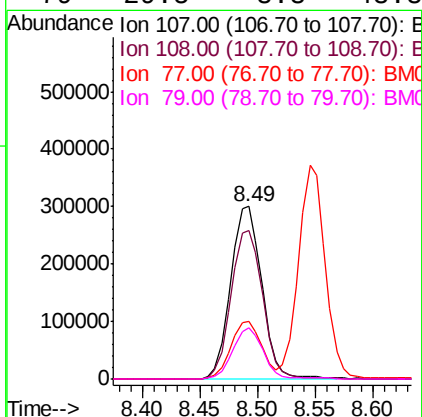
Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

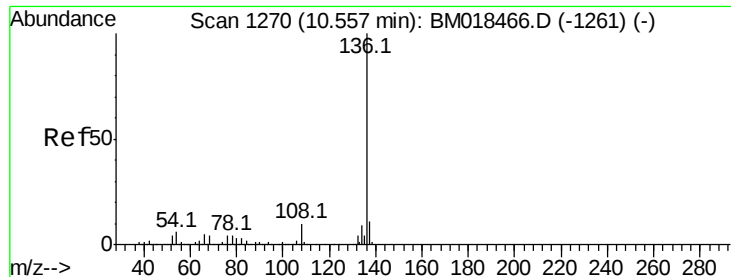
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#20
3+4-Methylphenols
Concen: 38.386 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	66.8	106.8
77	33.6	13.3	53.3
79	29.5	8.8	48.8





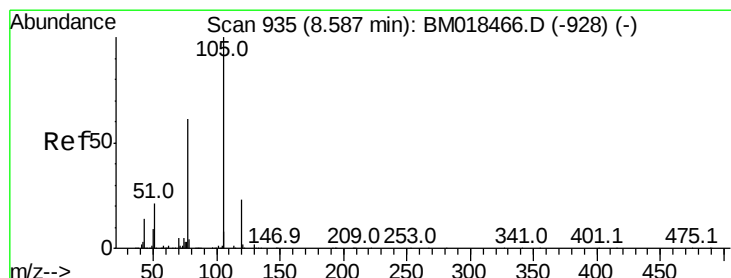
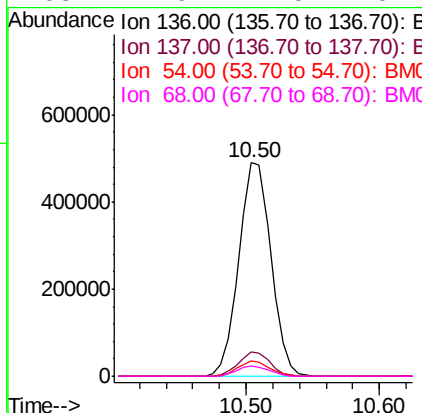
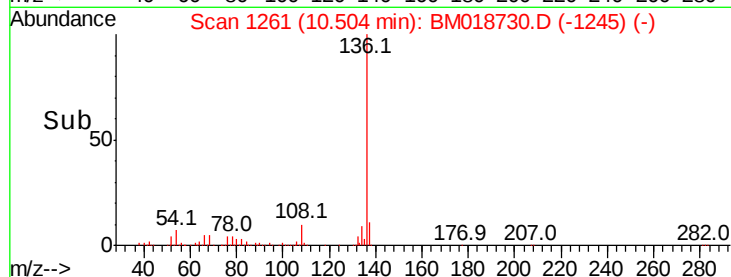
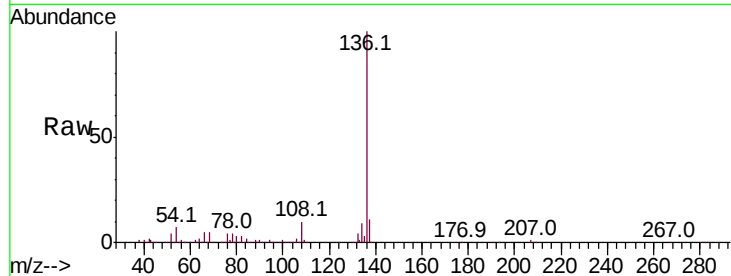
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	815204		
137	11.3		8.5	12.7
54	7.0		6.0	9.0
68	4.9		4.5	6.7

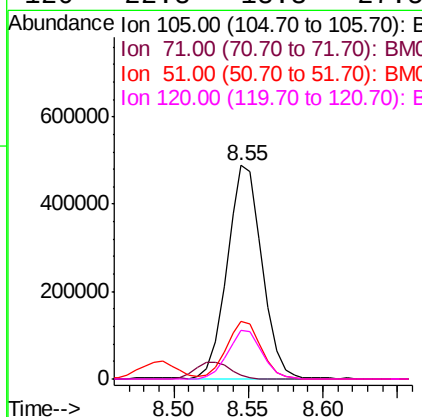
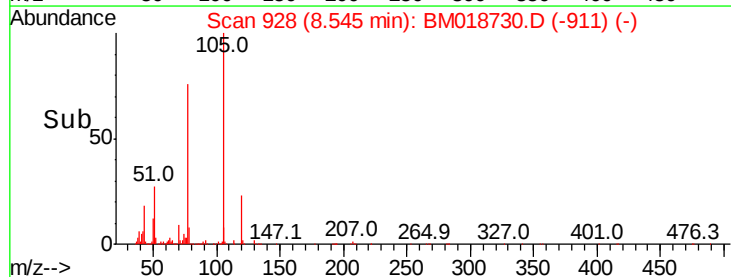
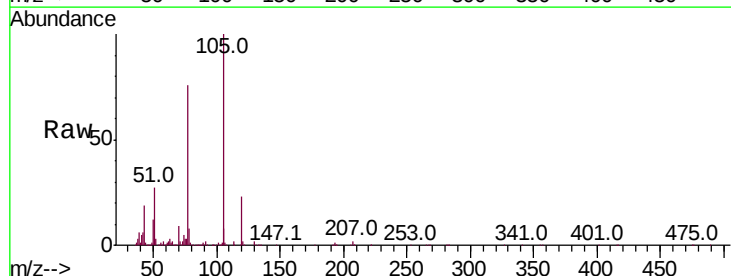
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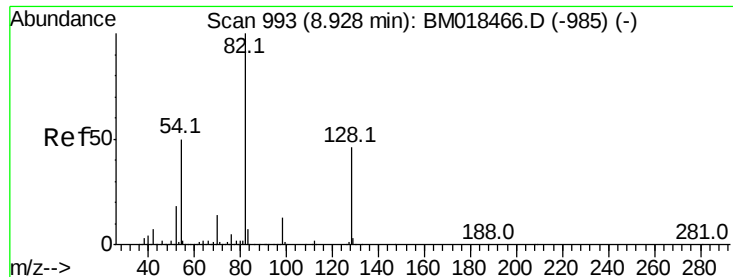
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#22
Acetophenone
Concen: 39.051 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	787500		
71	1.7		1.7	2.5#
51	26.8		22.6	34.0
120	22.8		18.3	27.5





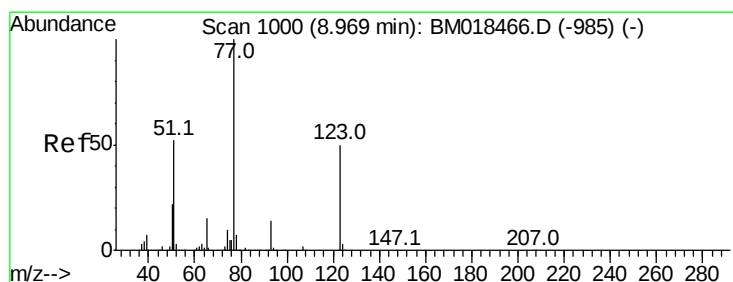
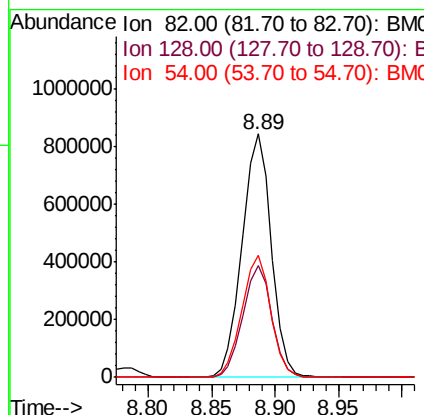
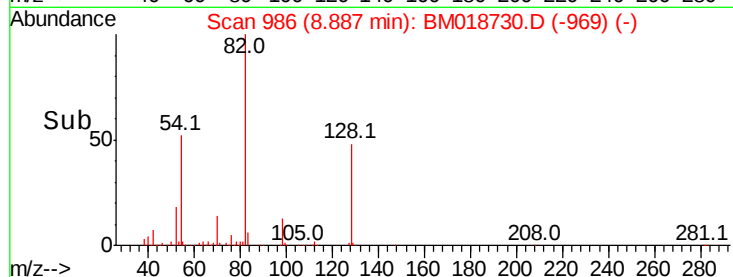
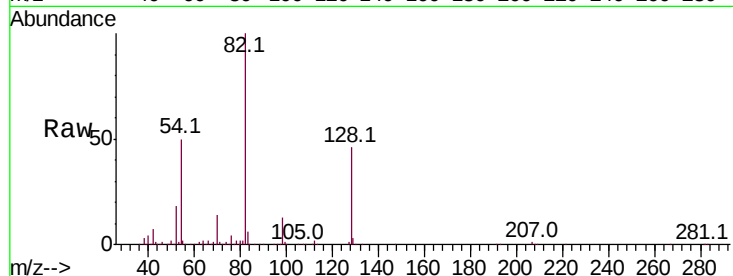
#23
Nitrobenzene-d5
Concen: 96.071 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	49.9	41.7	62.5

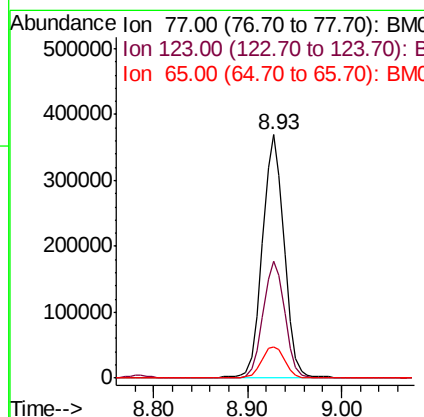
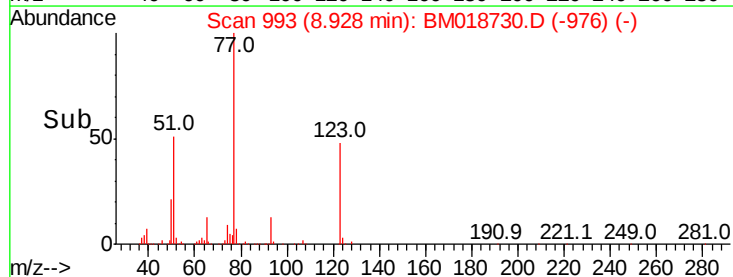
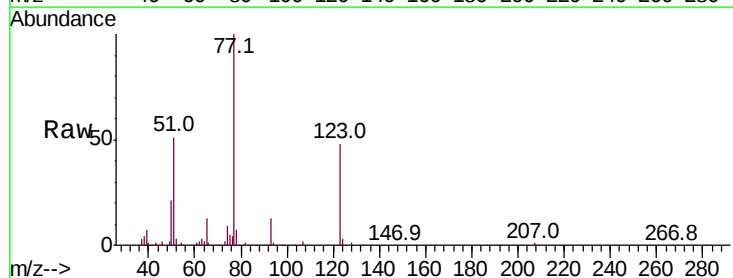
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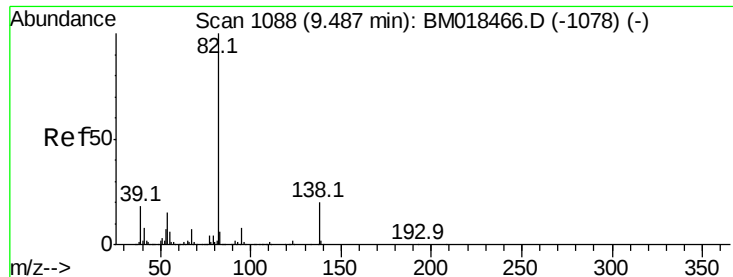
mohammad
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#24
Nitrobenzene
Concen: 42.472 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.7	56.5
65	13.0	11.0	16.6





#25

Isophorone

Concen: 45.951 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

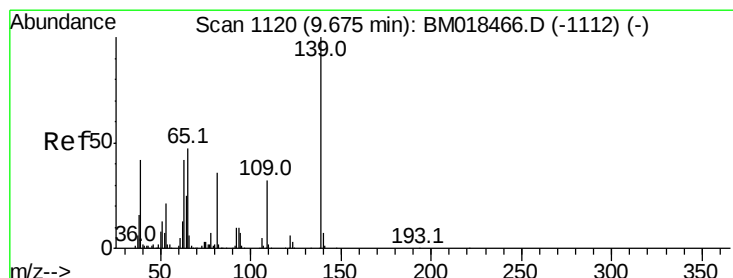
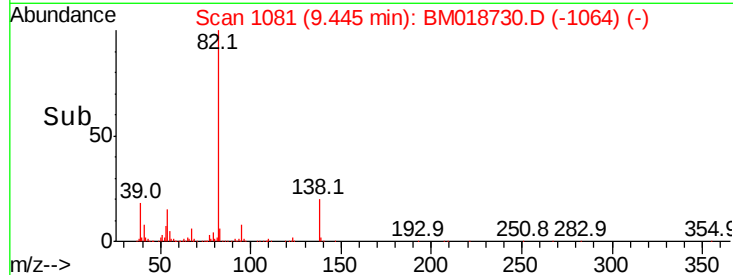
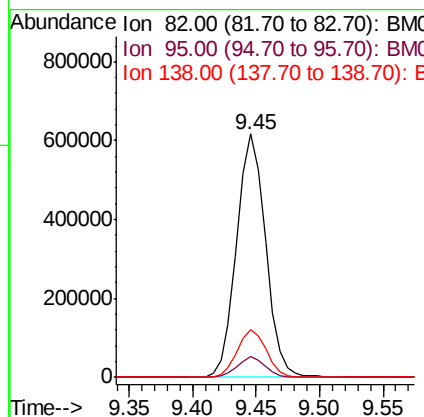
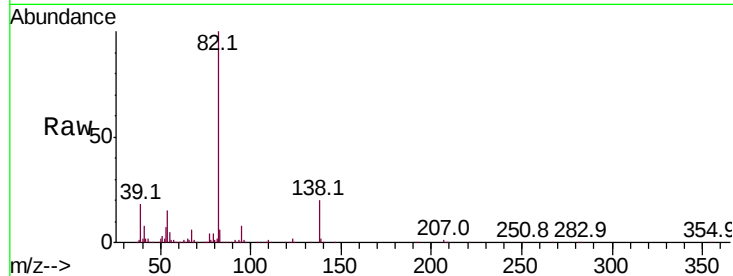
ClientSampleId :

OR-02-013119-AMS

Tot Ion:	82	Resp:	978494
Ion Ratio	Lower	Upper	
82	100		
95	8.4	6.1	9.1
138	19.6	15.1	22.7

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#26

2-Nitrophenol

Concen: 44.405 ng

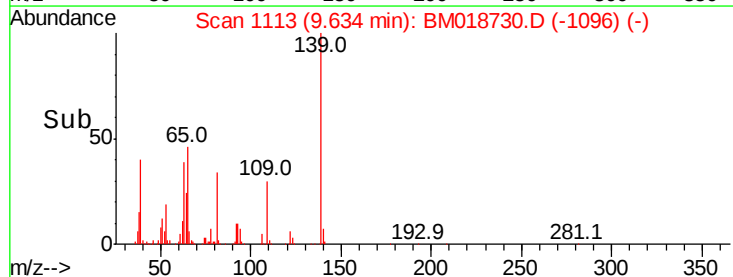
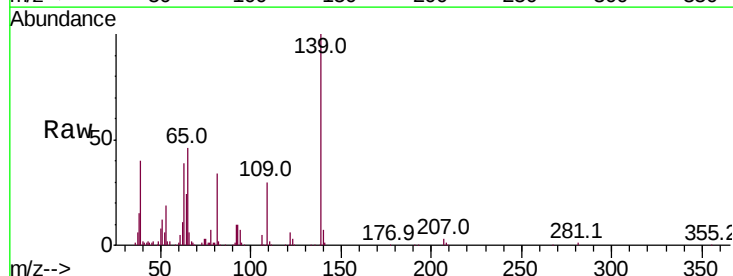
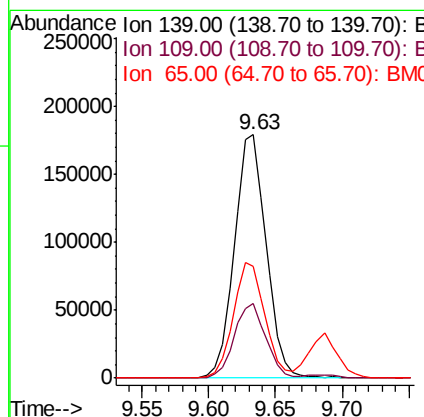
RT: 9.63 min Scan# 1113

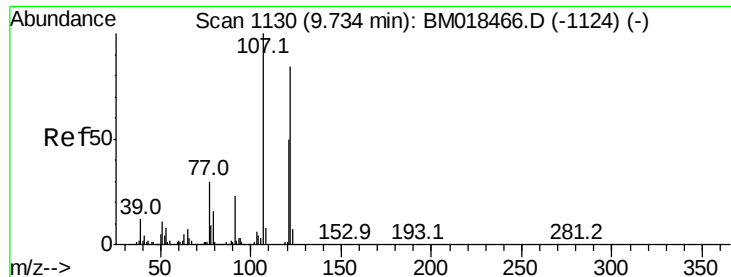
Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion:	139	Resp:	297085
Ion Ratio	Lower	Upper	
139	100		
109	30.5	23.4	35.2
65	45.8	39.4	59.2





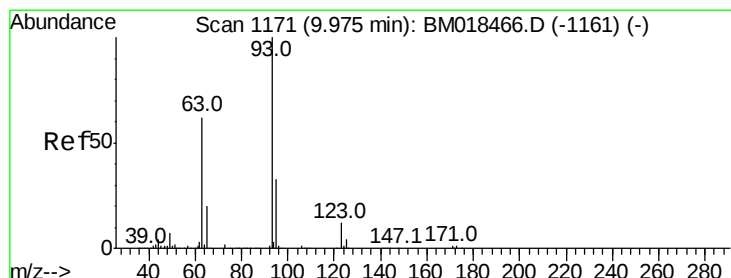
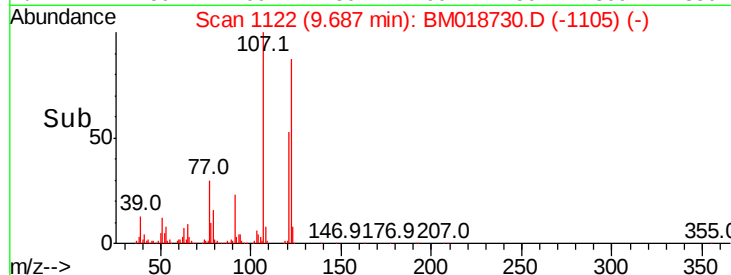
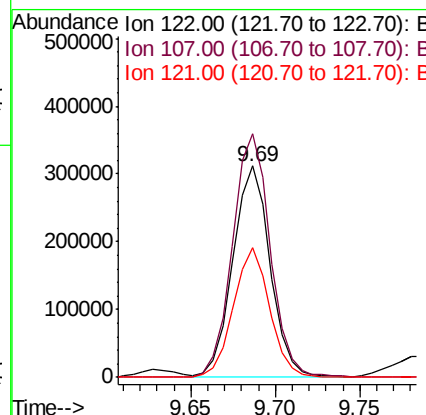
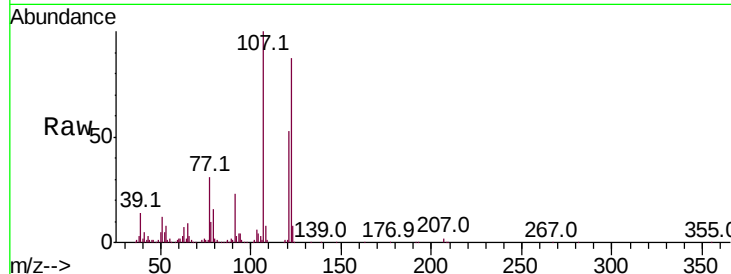
#27
2,4-Dimethylphenol
Concen: 47.383 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.2	91.9	137.9
121	61.1	47.5	71.3

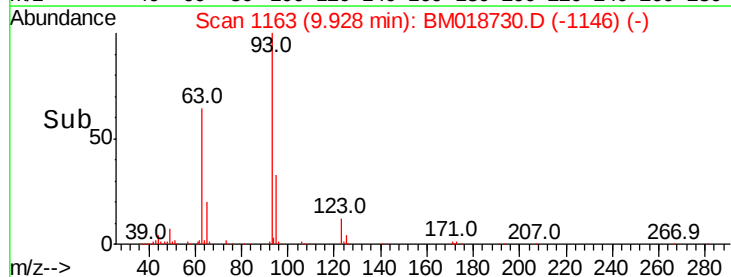
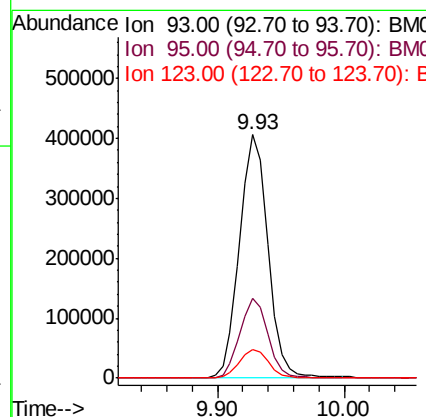
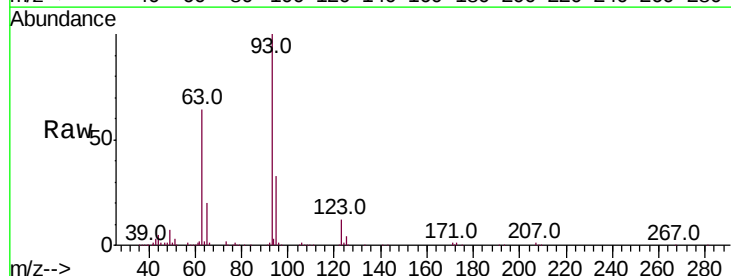
Manual Integrations
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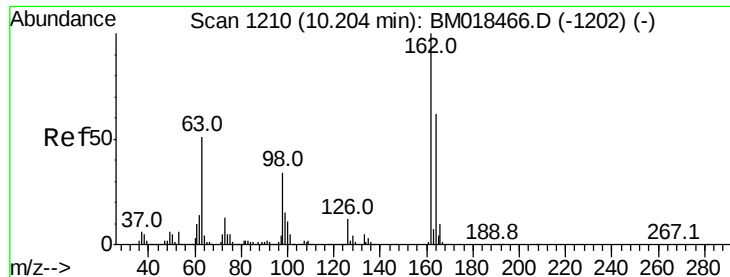
mohammad
2/5/2019 8:41:36 AM



#28
bis(2-Chloroethoxy)methane
Concen: 42.904 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	39.8
123	11.6	9.9	14.9





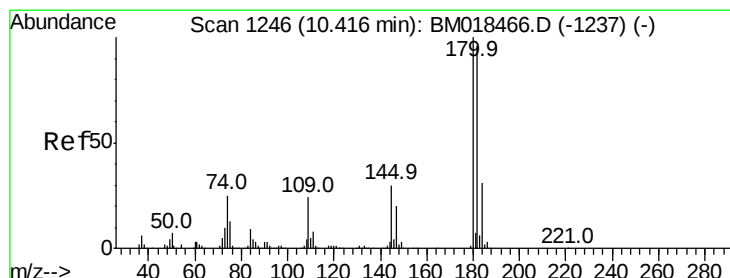
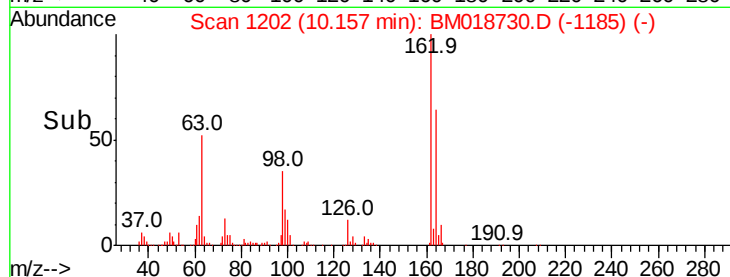
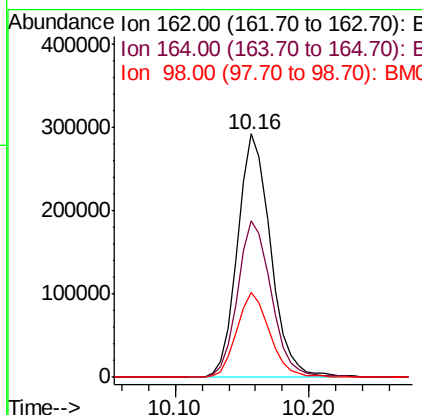
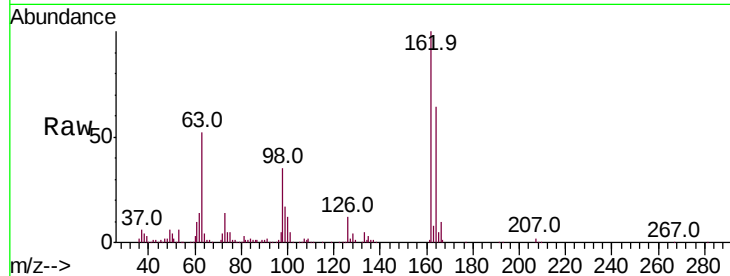
#29
 2,4-Dichlorophenol
 Concen: 42.018 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-013119-AMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	501736		
164	64.4	45.6	85.6	
98	35.0	14.7	54.7	

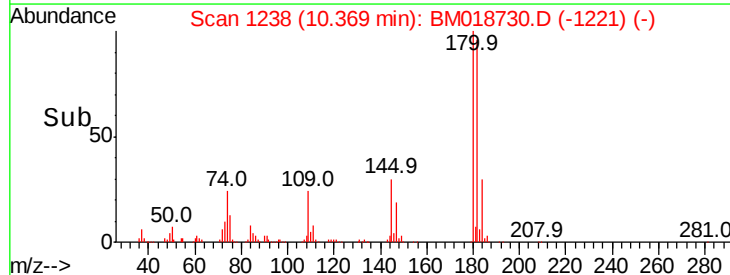
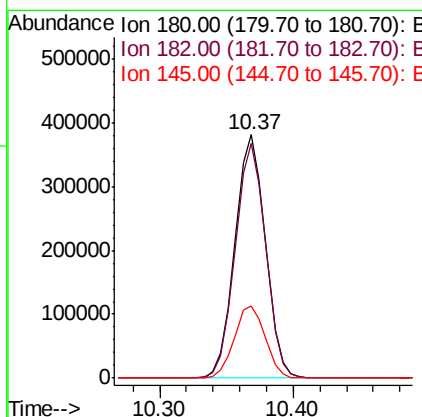
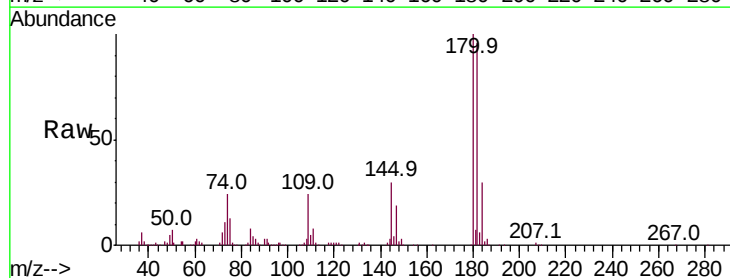
Manual Integrations
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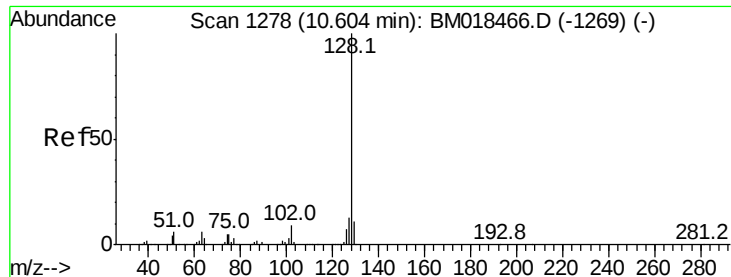
mohammad
 2/5/2019 8:41:36 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.598 ng
 RT: 10.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	601721		
182	96.3	77.4	116.2	
145	29.6	24.6	37.0	





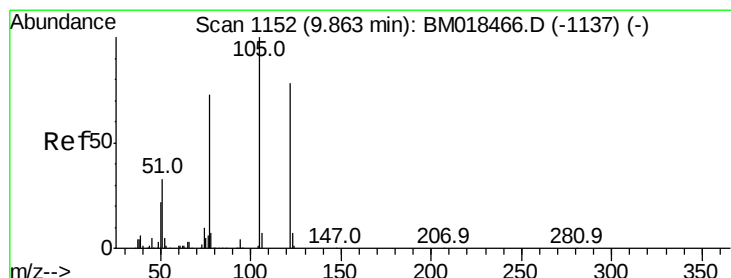
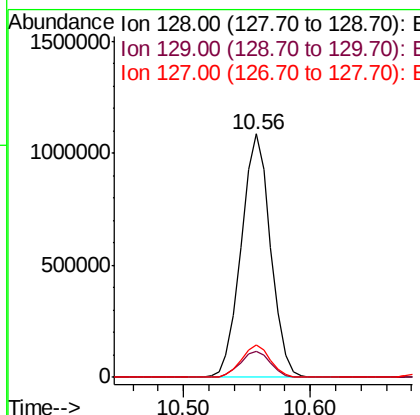
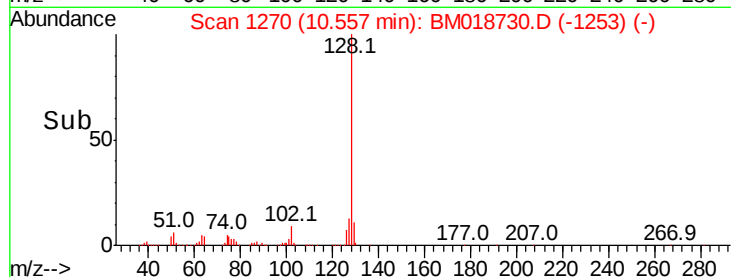
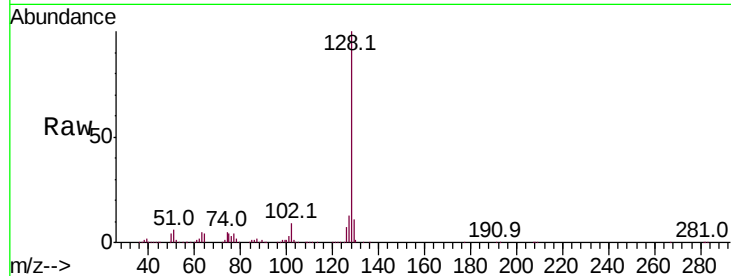
#31
Naphthalene
Concen: 44.323 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.8	16.2

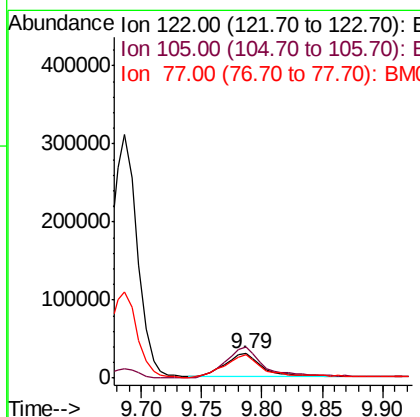
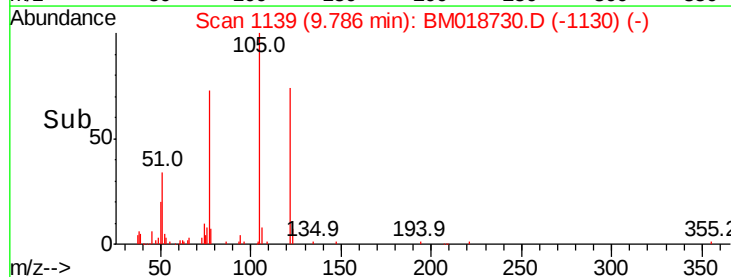
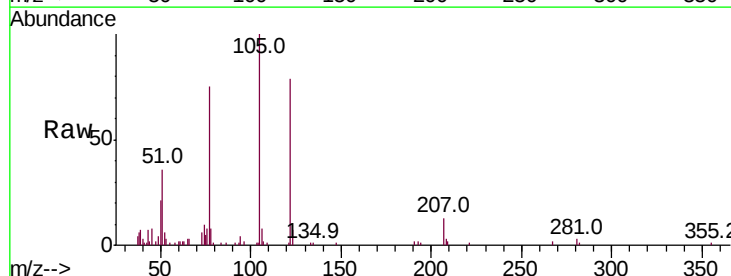
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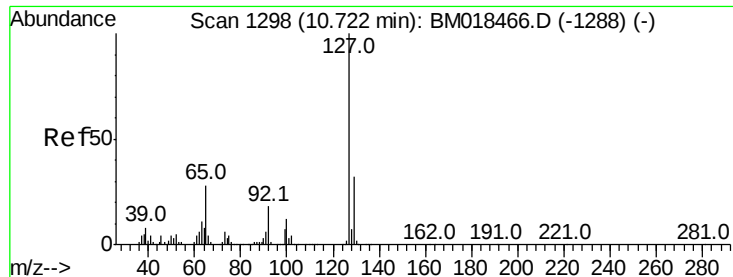
mohammad
2/5/2019 8:41:36 AM



#32
Benzoic acid
Concen: 14.894 ng
RT: 9.79 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	100.4	140.4
77	95.0	71.7	111.7





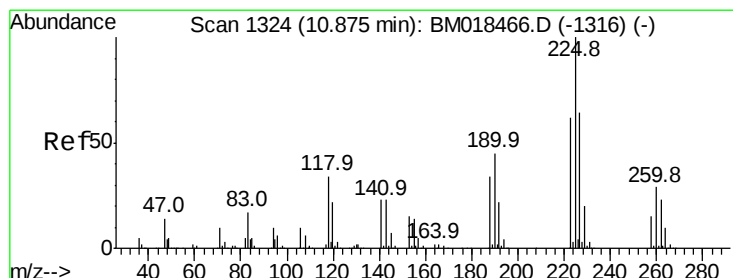
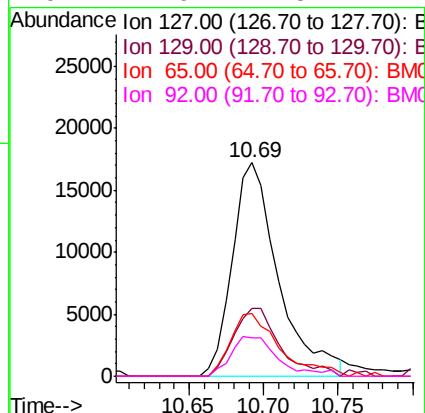
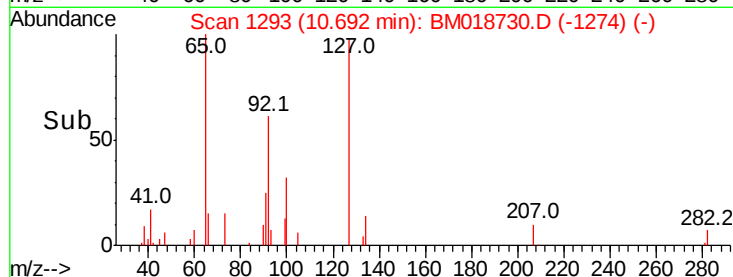
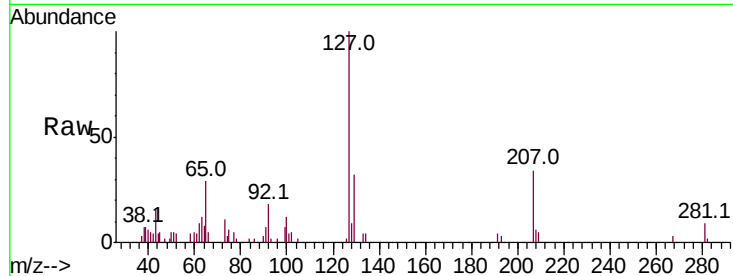
#33
4-Chloroaniline
Concen: 2.400 ng
RT: 10.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.9	38.9		
65	29.4	23.4	35.2		
92	17.9	14.5	21.7		

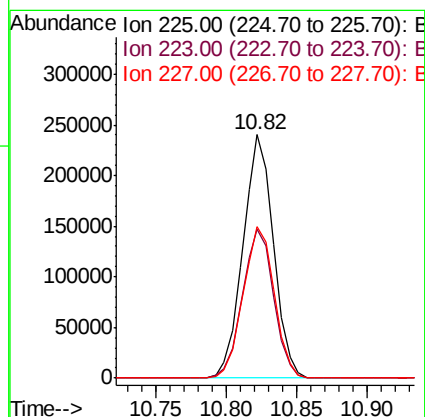
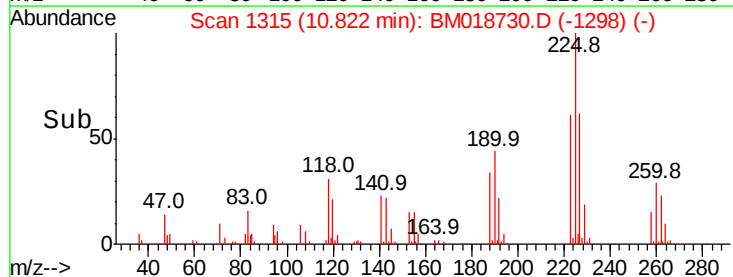
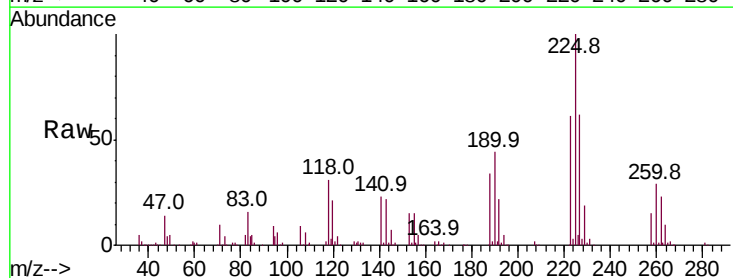
Manual Integrations
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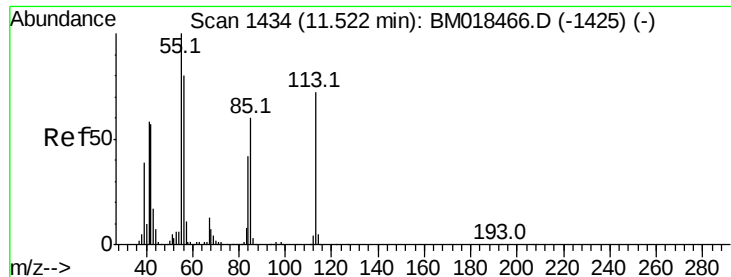
mohammad
2/5/2019 8:41:36 AM



#34
Hexachlorobutadiene
Concen: 38.741 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.9	50.8	76.2		
227	62.1	50.4	75.6		





#35

Caprolactam

Concen: 24.315 ng/ml

RT: 11.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

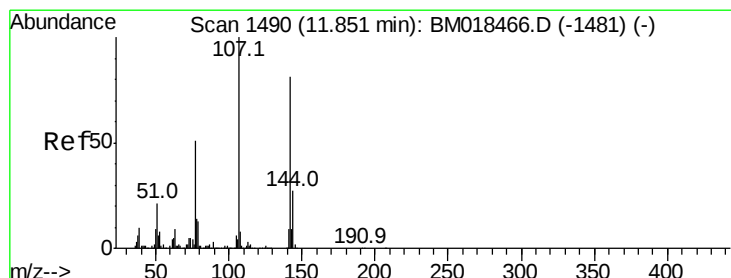
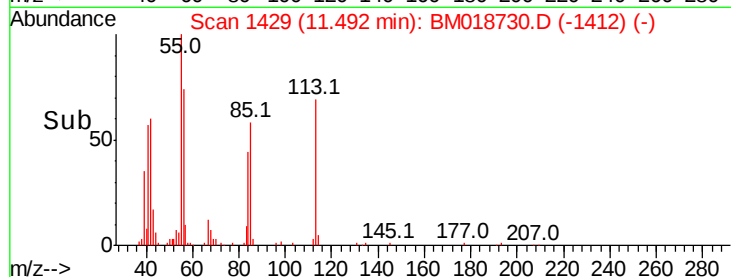
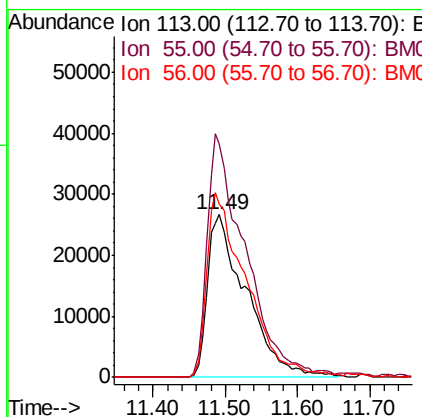
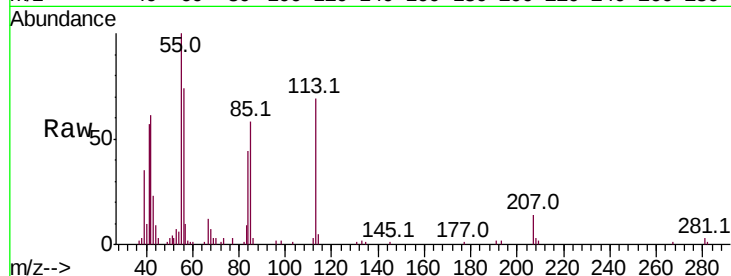
ClientSampleId :

OR-02-013119-AMS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	144.0	139.3	179.3	
56	107.0	101.4	141.4	

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 39.295 ng/ml

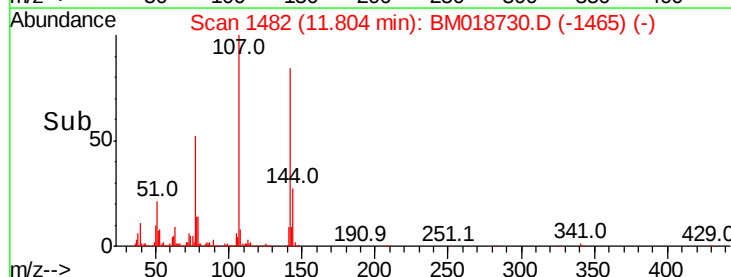
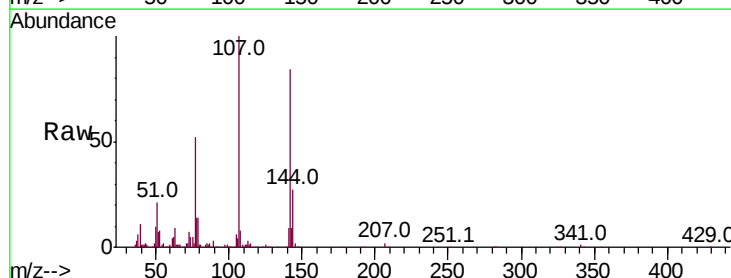
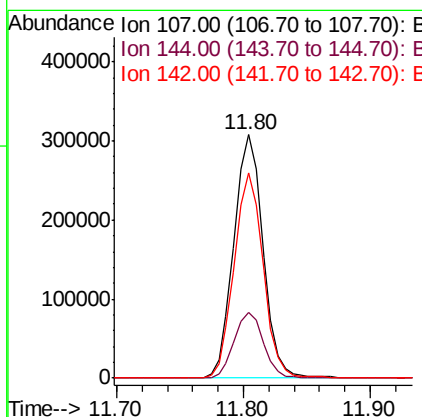
RT: 11.80 min Scan# 1482

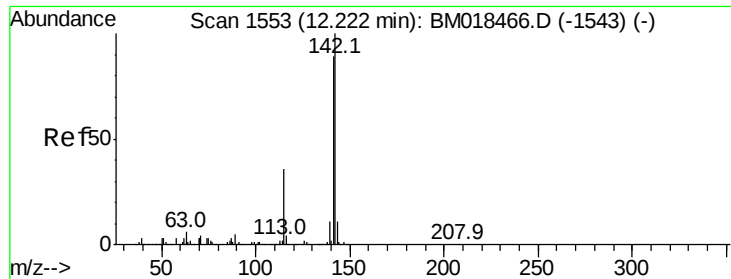
Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.1	21.9	32.9	
142	84.2	67.9	101.9	





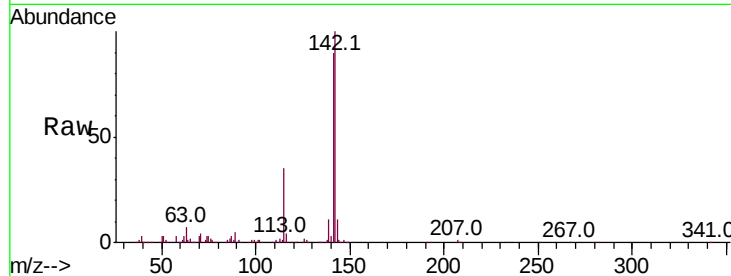
#37
2-Methylnaphthalene
Concen: 44.362 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	35.4	28.0	42.0

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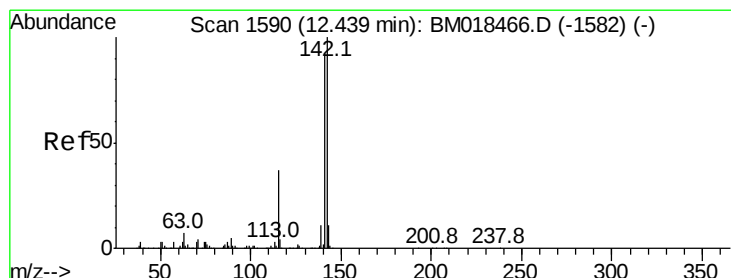
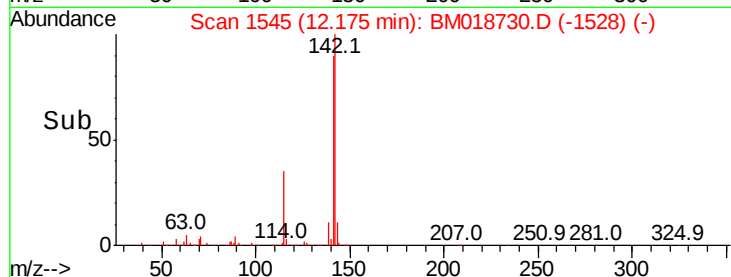
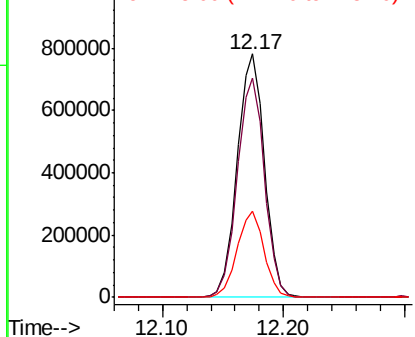


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.367 ng
RT: 12.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

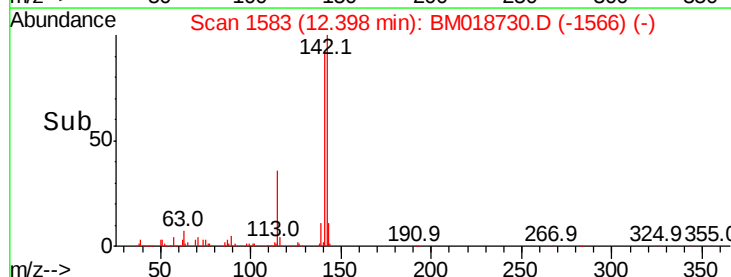
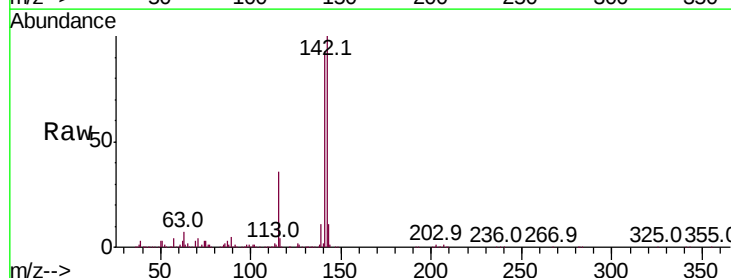
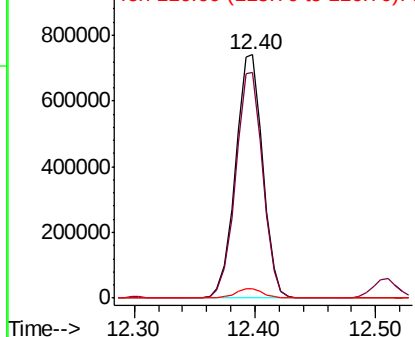
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.6	113.4
116	3.7	3.0	4.6

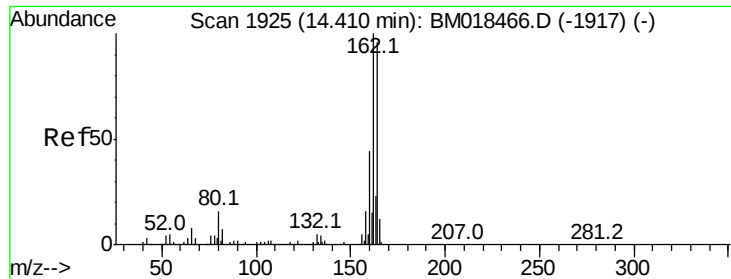
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





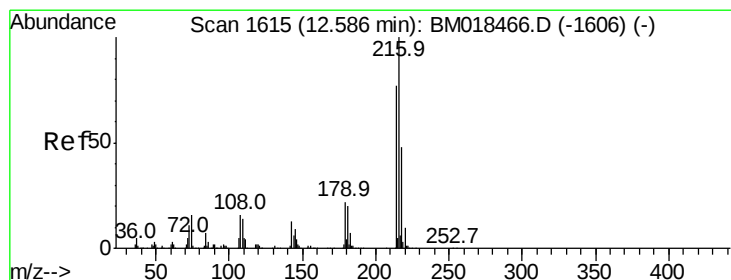
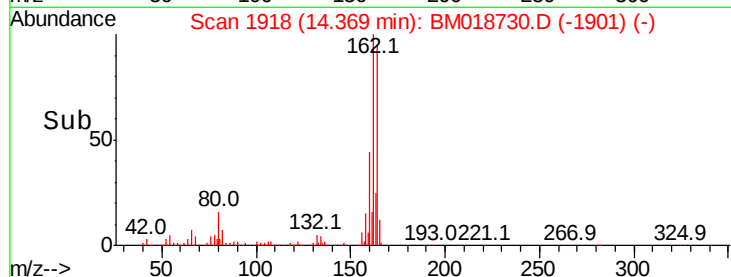
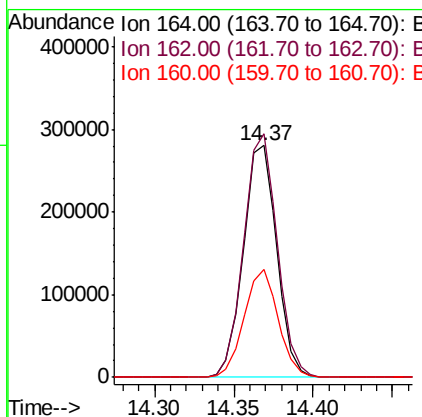
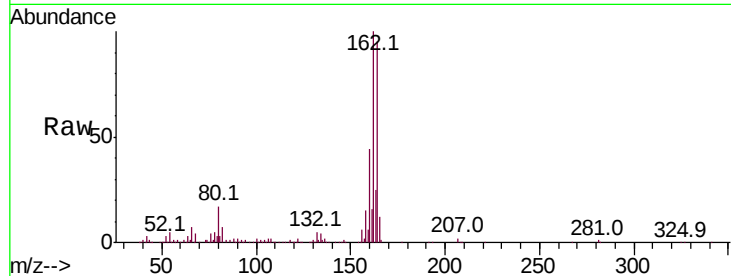
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.9	83.0	124.4	
160	46.3	37.1	55.7	

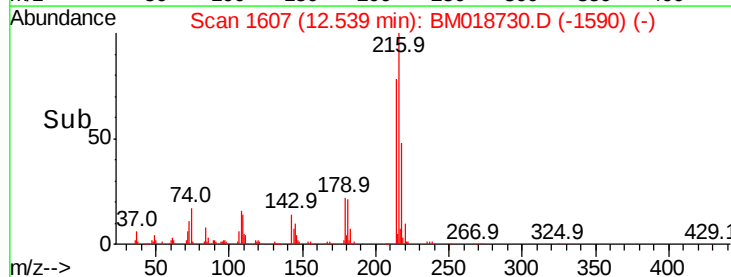
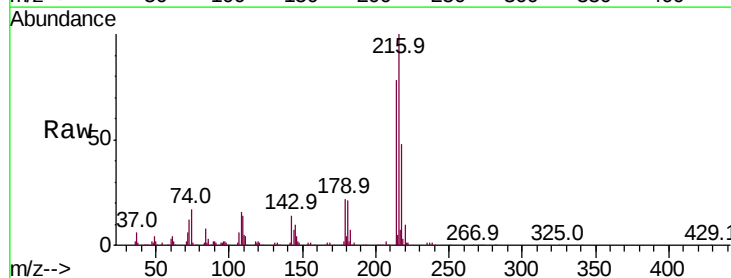
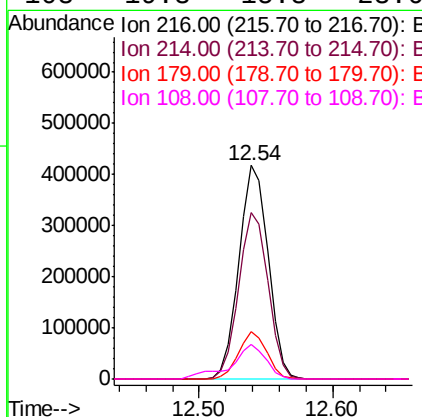
Manual Integrations
APPROVED

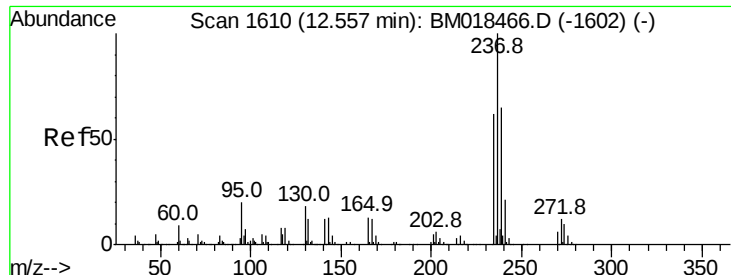
mohammad
2/5/2019 8:41:36 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.022 ng
RT: 12.54 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.5	63.4	95.0	
179	21.5	17.9	26.9	
108	19.3	15.8	23.6	





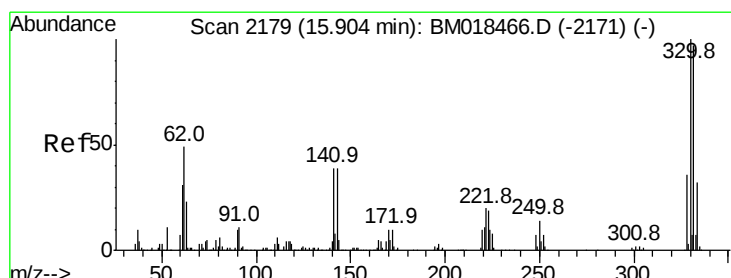
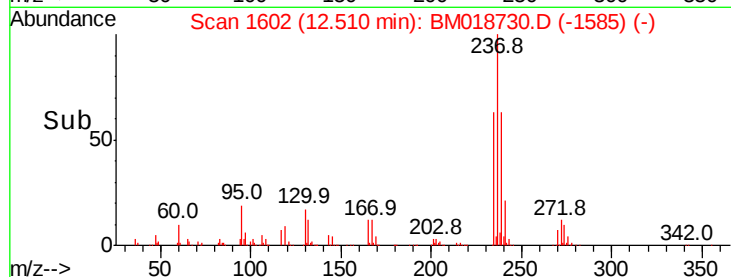
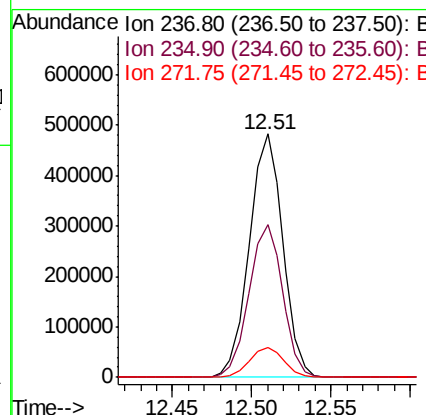
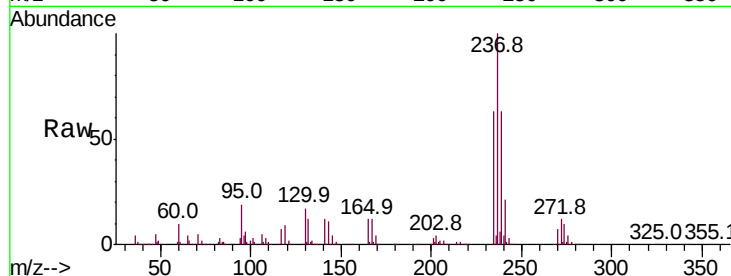
#41
Hexachlorocyclopentadiene
Concen: 89.736 ng
RT: 12.51 min Scan# 1602
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.6	42.8	82.8
272	12.3	0.0	31.9

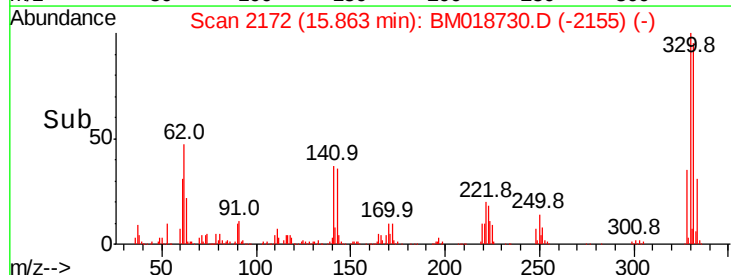
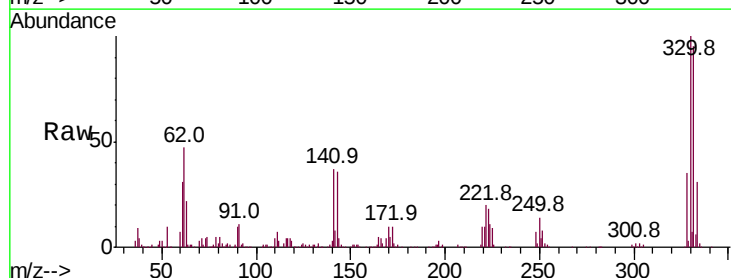
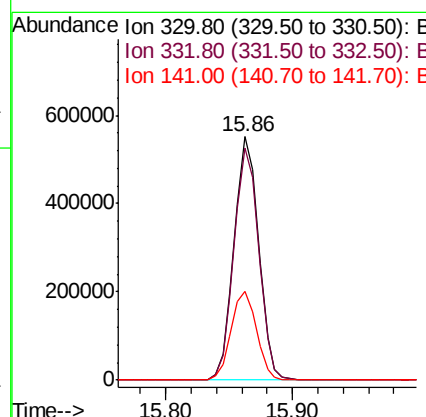
Manual Integrations
APPROVED

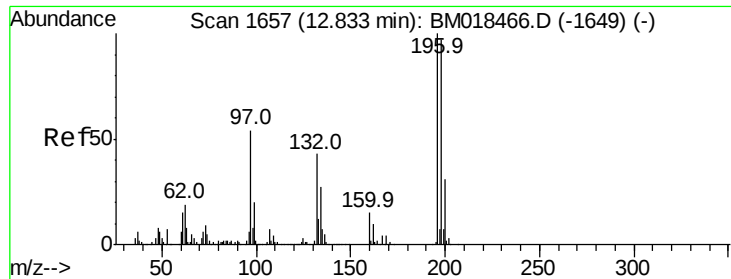
mohammad
2/5/2019 8:41:36 AM



#42
2,4,6-Tribromophenol
Concen: 141.301 ng
RT: 15.86 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	77.6	116.4
141	37.7	31.7	47.5





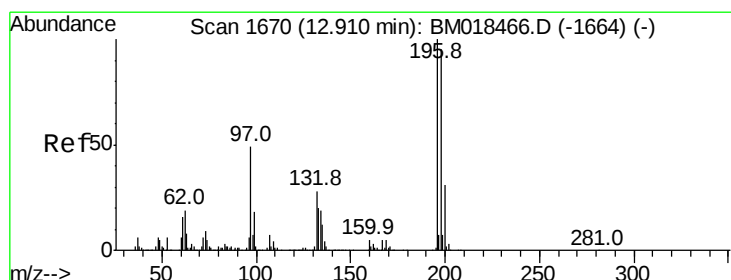
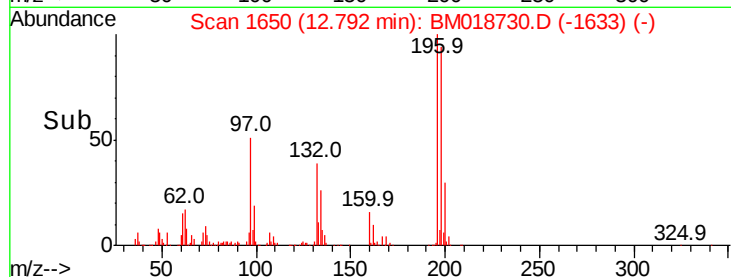
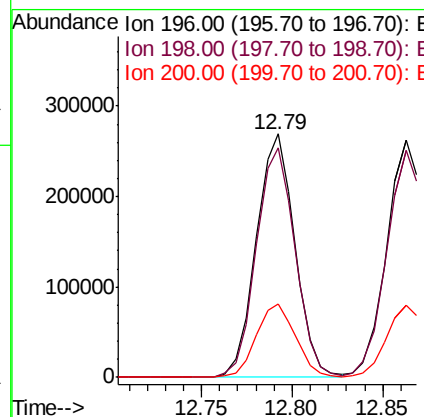
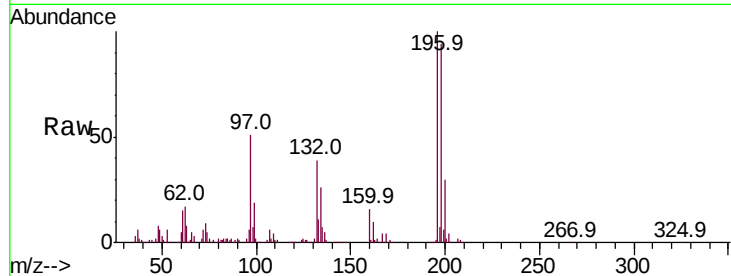
#43
 2,4,6-Trichlorophenol
 Concen: 45.349 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-013119-AMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	396279		
198	94.3	76.6	115.0	
200	30.0	24.2	36.4	

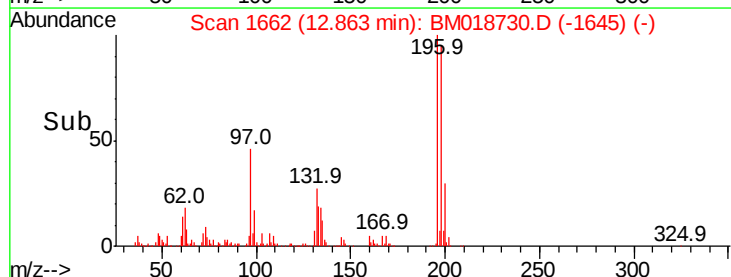
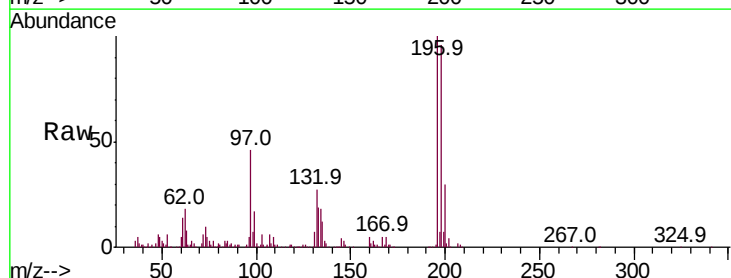
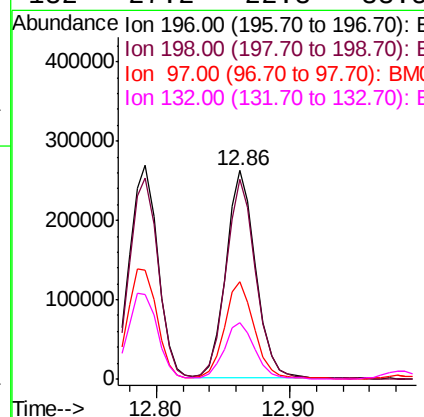
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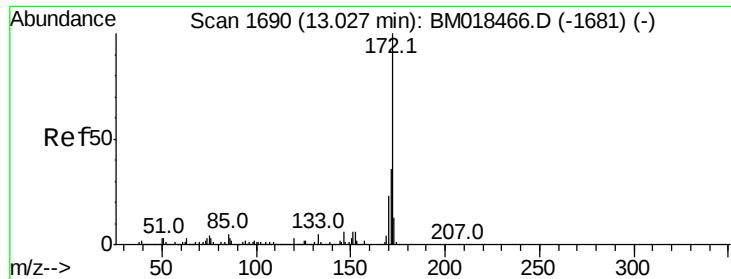
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.460 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	408601		
198	95.8	76.7	115.1	
97	46.5	39.2	58.8	
132	27.2	22.3	33.5	





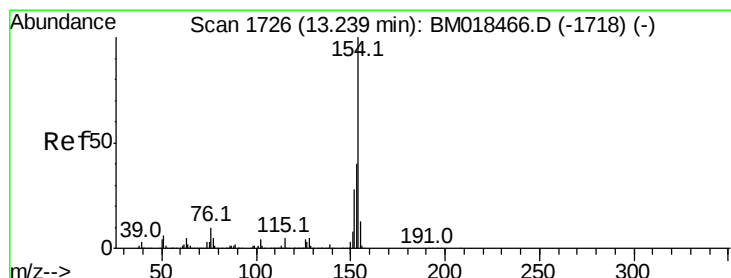
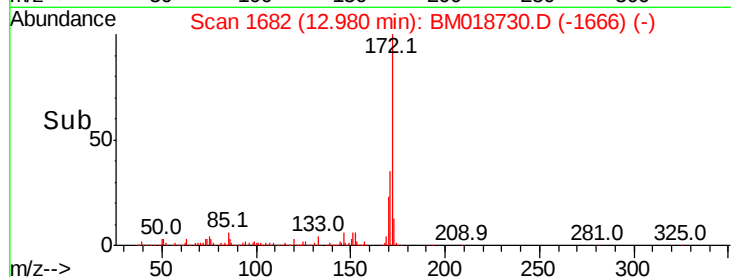
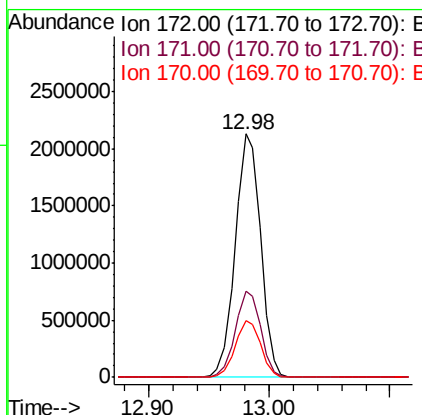
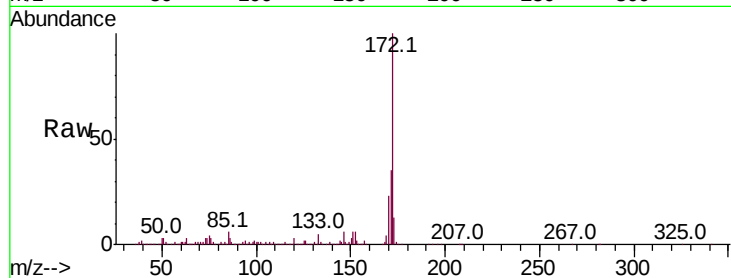
#45
2-Fluorobiphenyl
Concen: 98.950 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	23.2	18.9	28.3

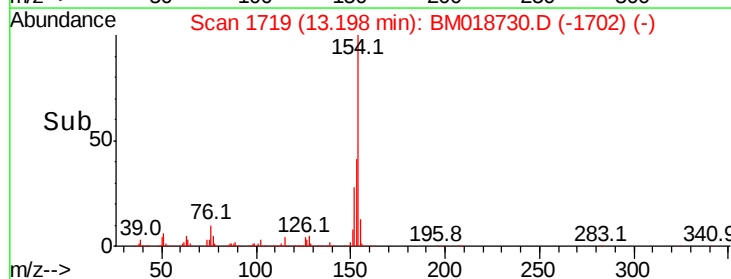
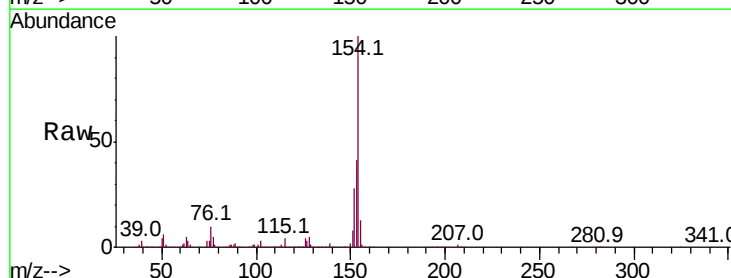
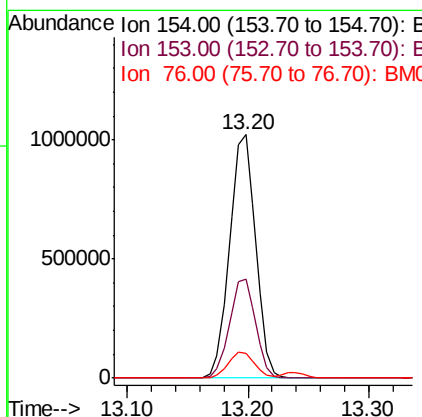
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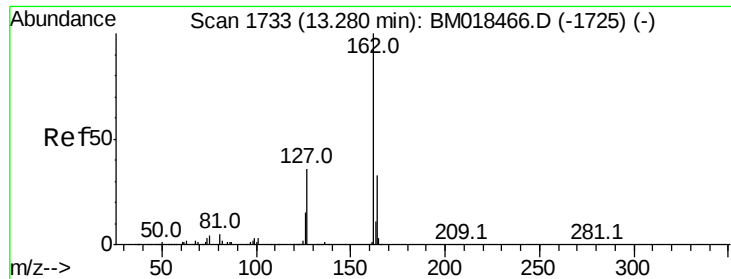
mohammad
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#46
1,1'-Biphenyl
Concen: 42.592 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.5	60.5
76	10.3	0.0	31.9





#47

2-Chloronaphthalene

Concen: 42.364 ng

RT: 13.24 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

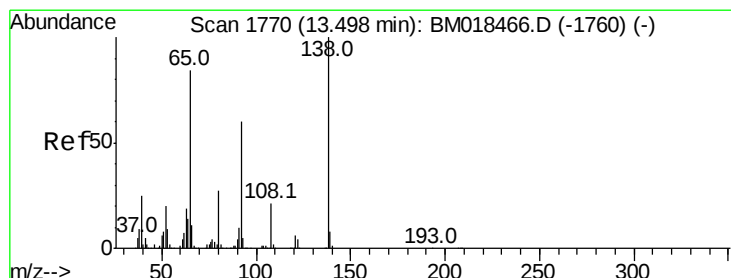
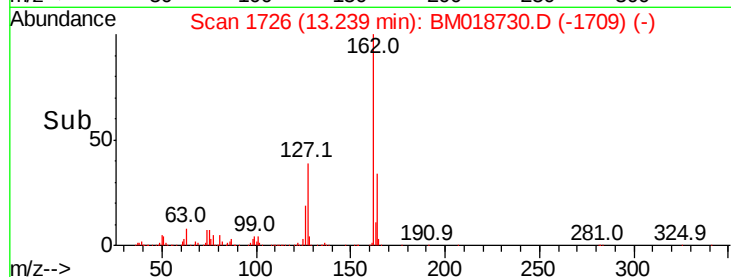
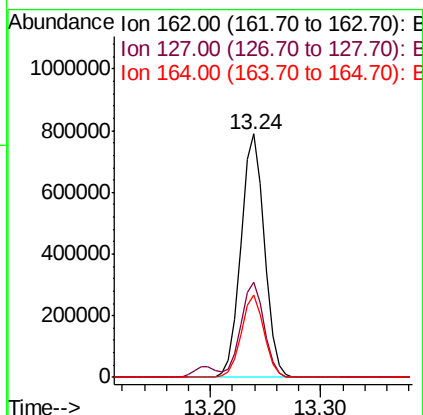
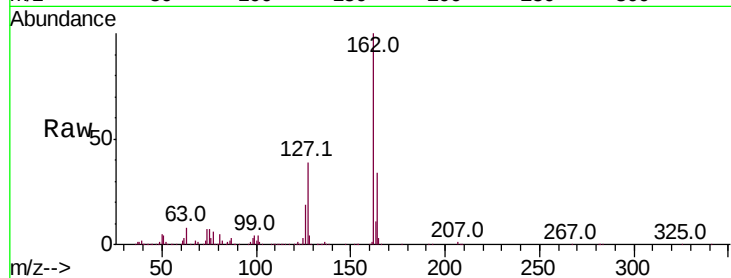
Instrument :
BNA_M

ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	31.4	47.0
164	33.7	26.2	39.4

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#48

2-Nitroaniline

Concen: 40.966 ng

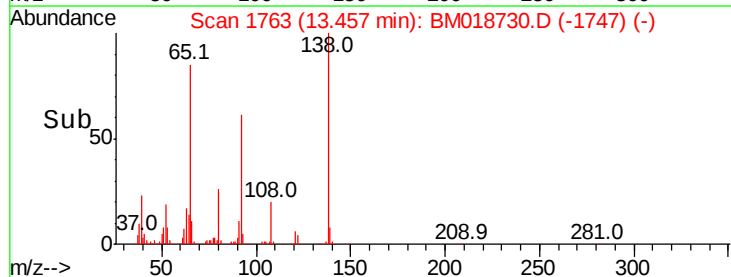
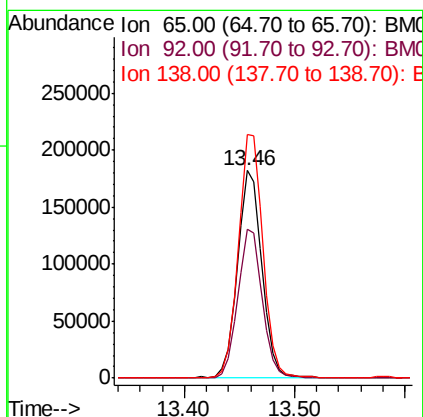
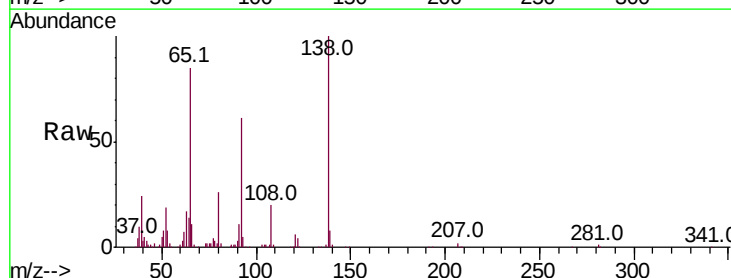
RT: 13.46 min Scan# 1763

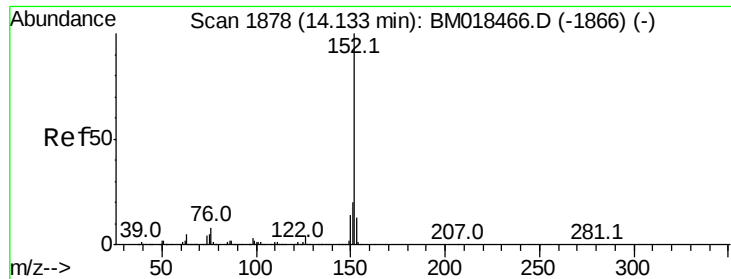
Delta R.T. -0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	53.4	80.2
138	117.2	88.9	133.3





#49

Acenaphthylene

Concen: 45.401 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

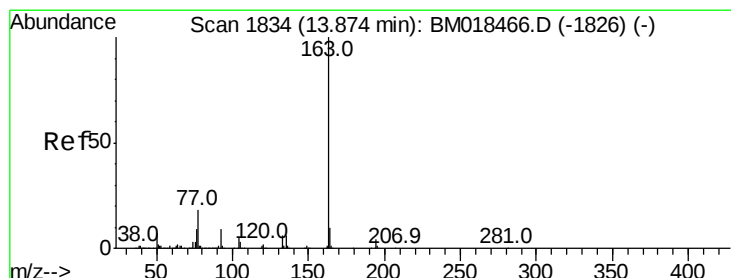
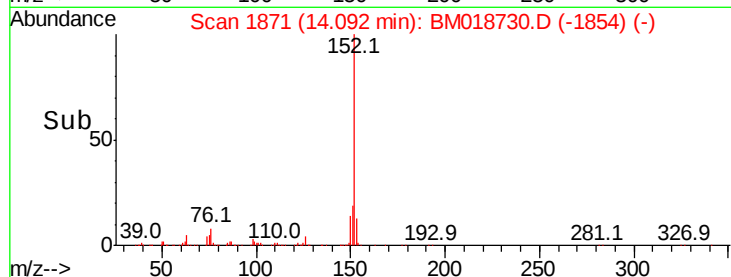
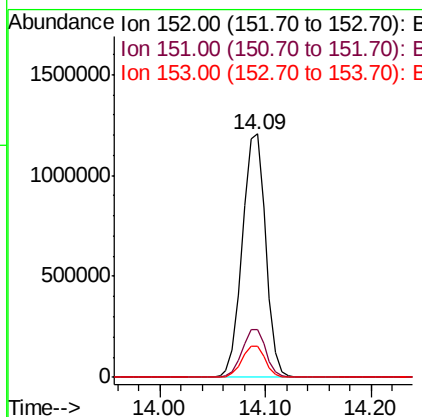
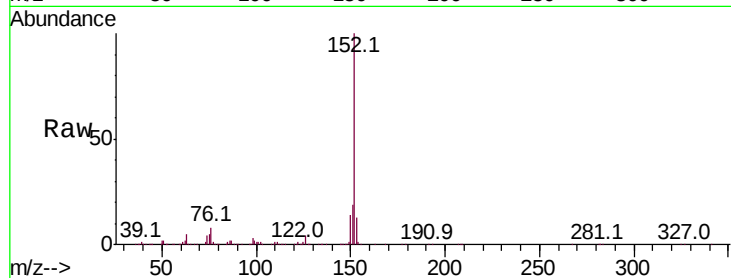
ClientSampleId :

OR-02-013119-AMS

Tot Ion:	152	Resp:	1843490
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.5	15.7

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#50

Dimethylphthalate

Concen: 41.182 ng

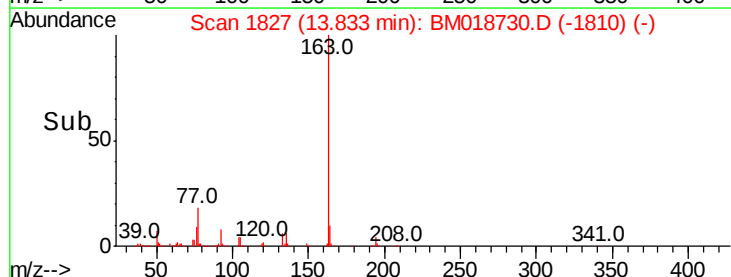
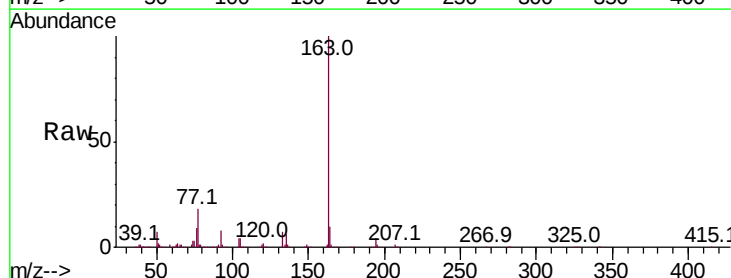
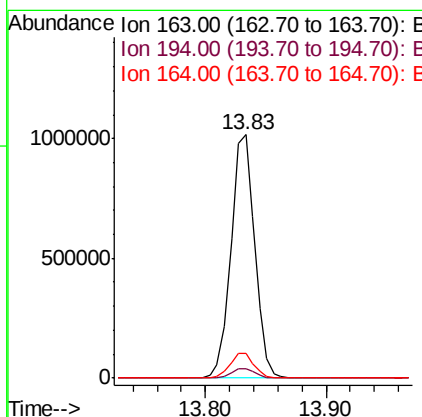
RT: 13.83 min Scan# 1827

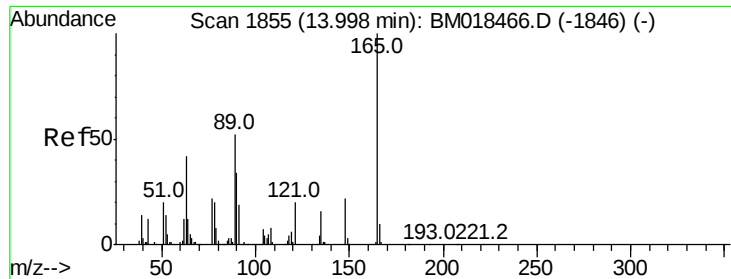
Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion:	163	Resp:	1391782
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	10.0	7.8	11.8





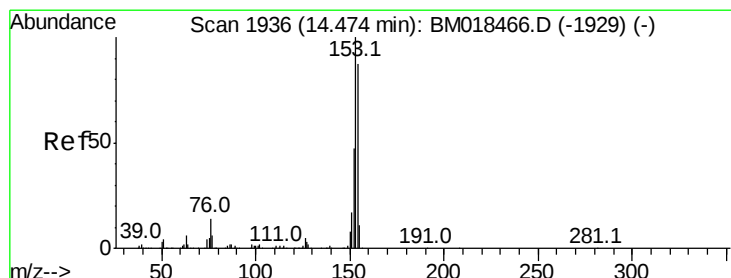
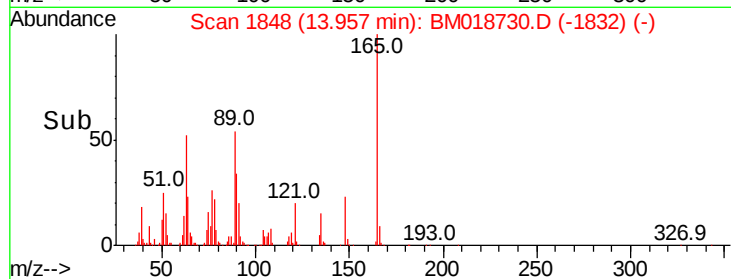
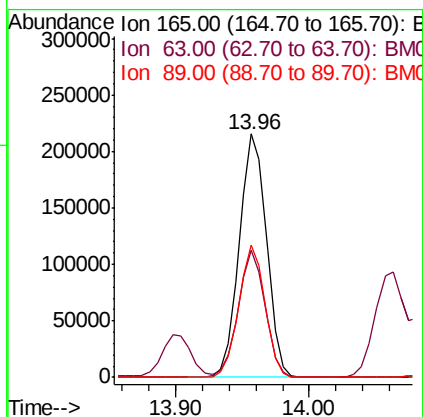
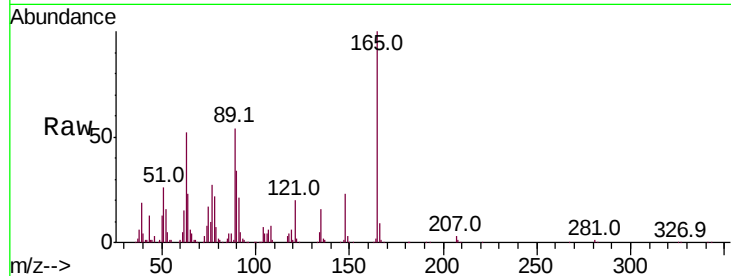
#51
2,6-Dinitrotoluene
Concen: 42.413 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.0	45.6	68.4	
89	54.1	44.6	66.8	

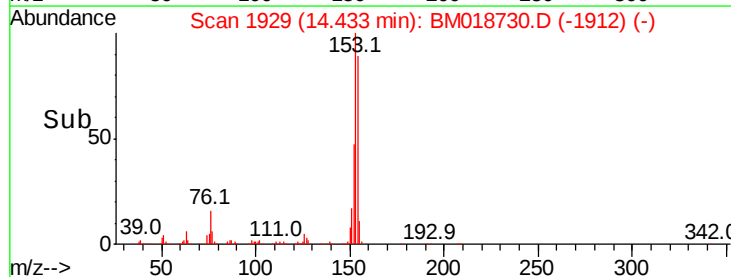
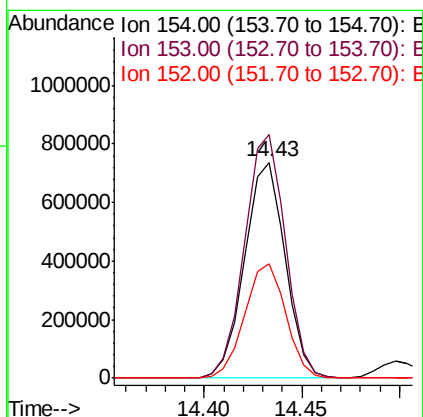
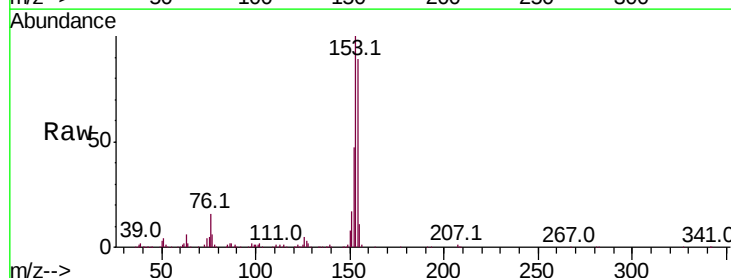
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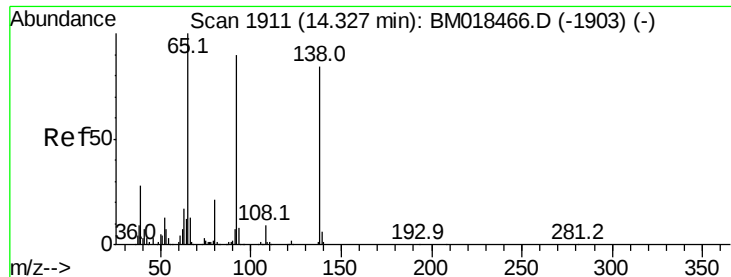
mohammad
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#52
Acenaphthene
Concen: 42.712 ng
RT: 14.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	113.0	92.3	138.5	
152	53.0	43.8	65.6	





#53

3-Nitroaniline

Concen: 5.595 ng

RT: 14.29 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

ClientSampleId :

OR-02-013119-AMS

Tot Ion:138 Resp: 40378

Ion Ratio Lower Upper

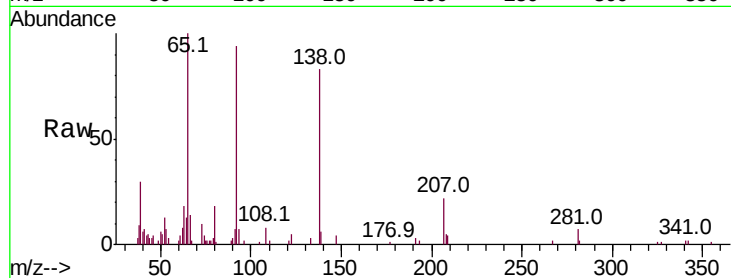
138 100

108 10.2 9.1 13.7

92 114.0 88.2 132.2

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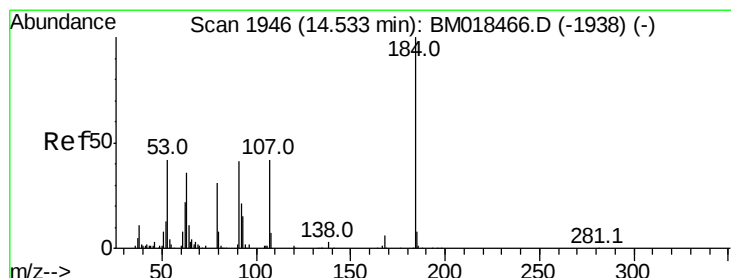
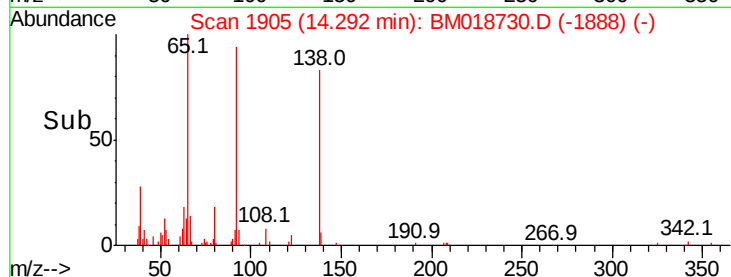
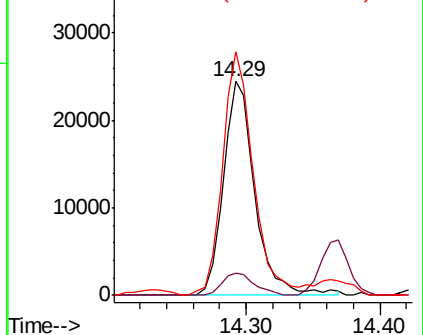
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 39.867 ng

RT: 14.50 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

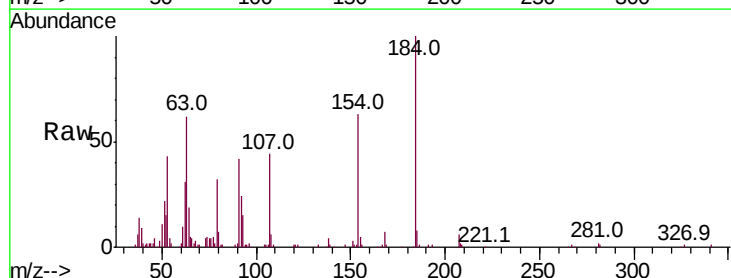
Tgt Ion:184 Resp: 139114

Ion Ratio Lower Upper

184 100

63 61.7 55.9 83.9

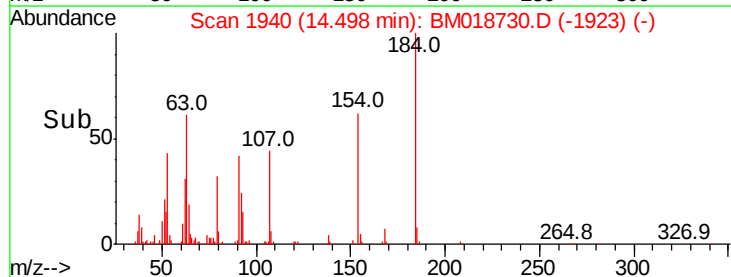
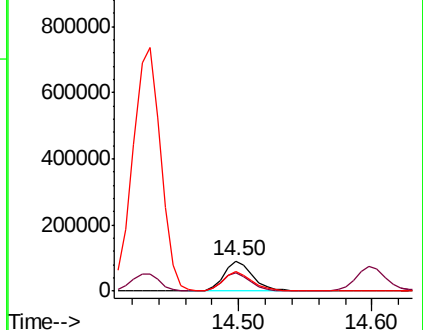
154 63.3 54.2 81.4

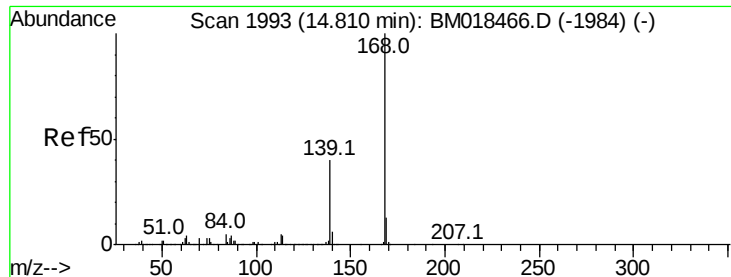


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





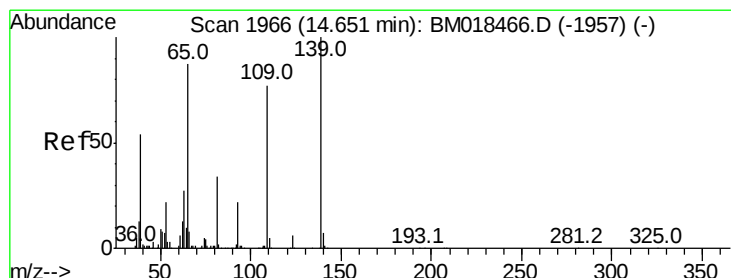
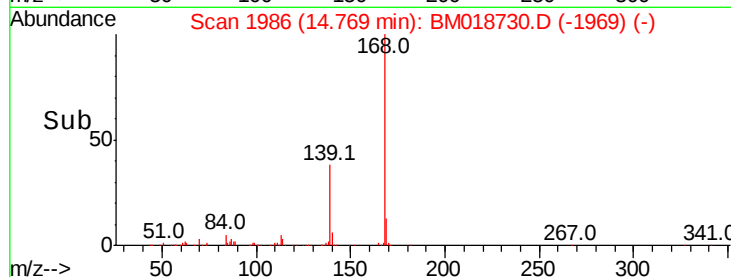
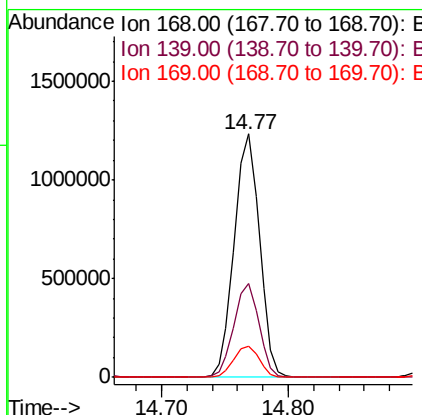
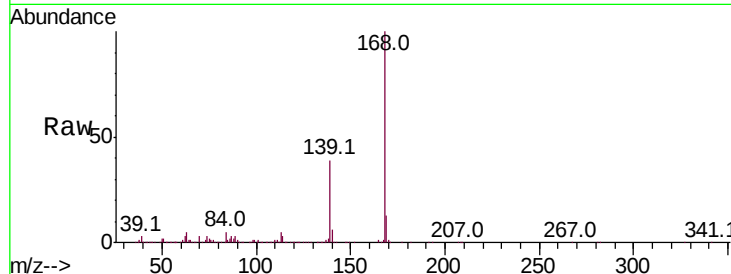
#55
Dibenzenofuran
Concen: 41.442 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.3	45.5
169	13.0	10.6	16.0

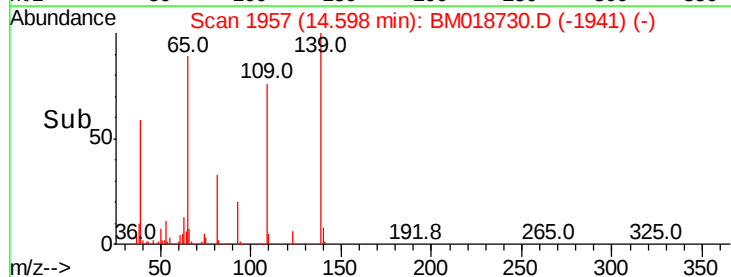
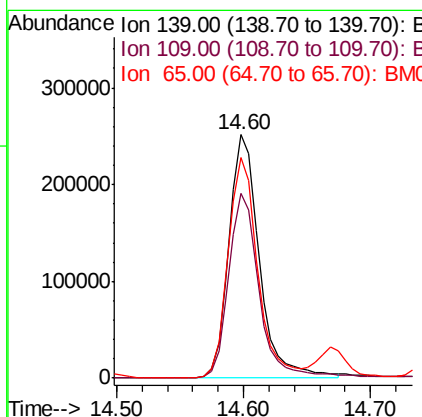
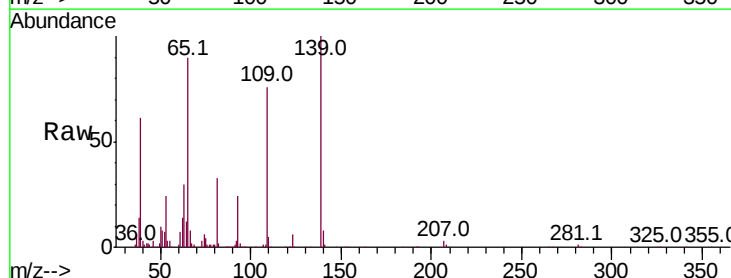
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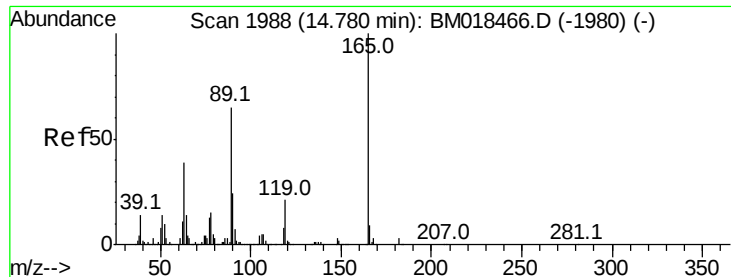
mohammad
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#56
4-Nitrophenol
Concen: 67.047 ng
RT: 14.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.9	51.7	91.7
65	90.4	71.4	111.4





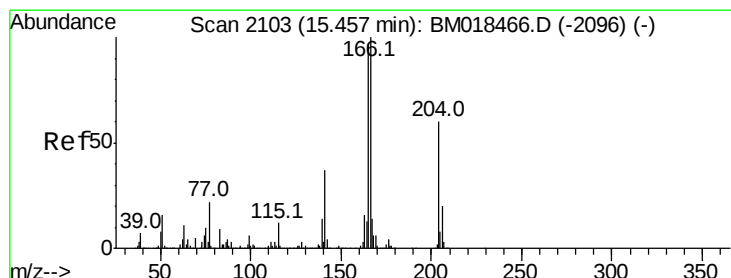
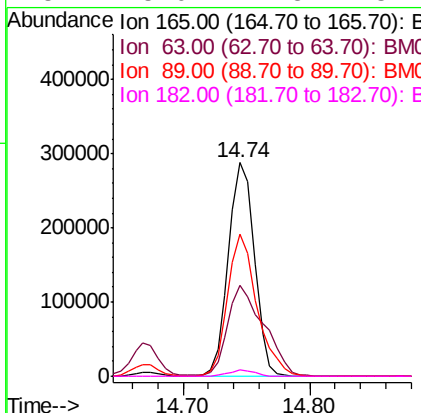
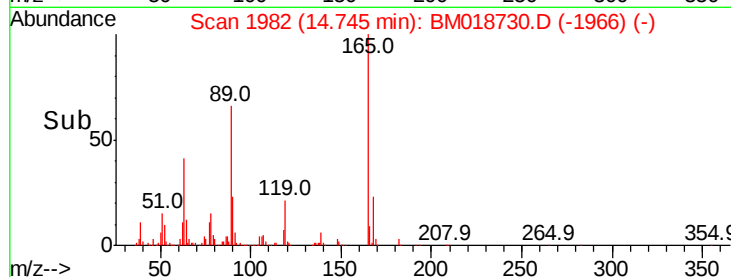
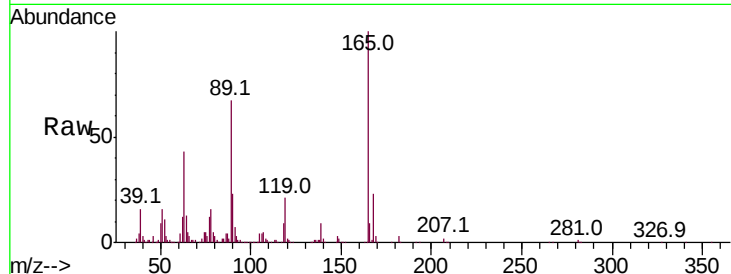
#57
2,4-Dinitrotoluene
Concen: 40.325 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.8	32.2	48.2	
89	66.7	52.1	78.1	
182	3.0	2.5	3.7	

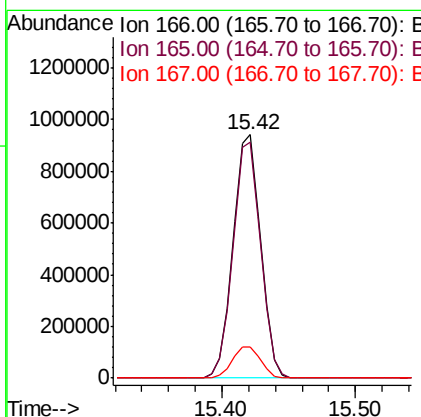
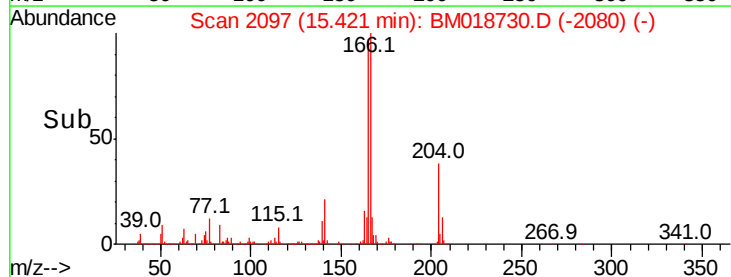
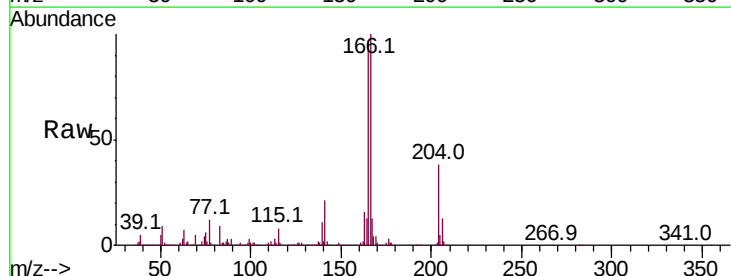
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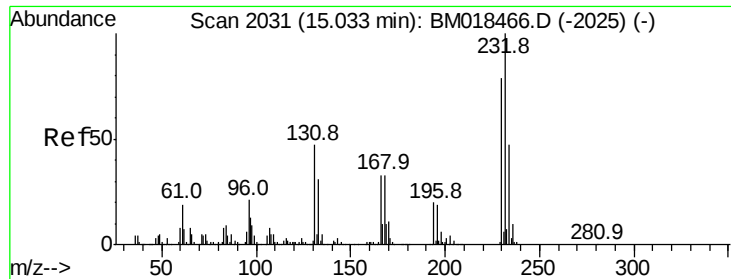
mohammad
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#58
Fluorene
Concen: 44.276 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.8	78.3	117.5	
167	13.0	10.9	16.3	





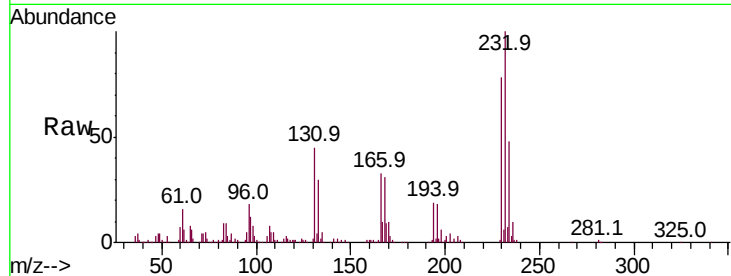
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.709 ng
RT: 15.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.7	38.6	57.8
130	2.5	2.2	3.4
166	33.2	27.2	40.8

Manual Integrations
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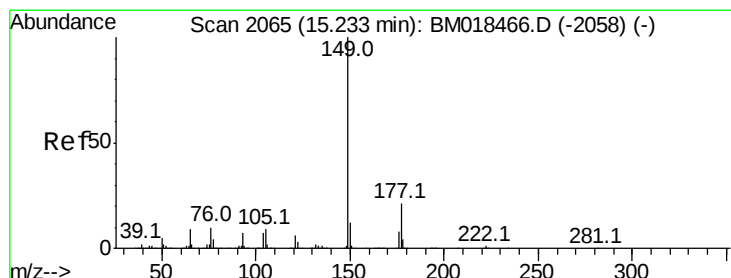
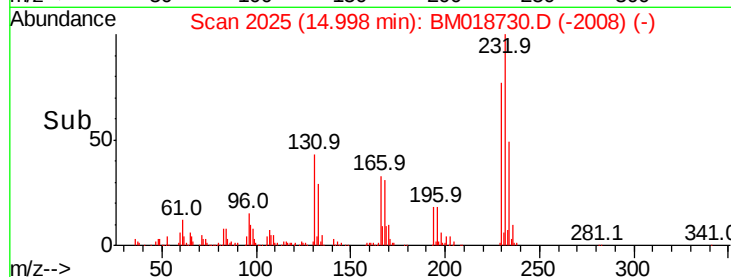
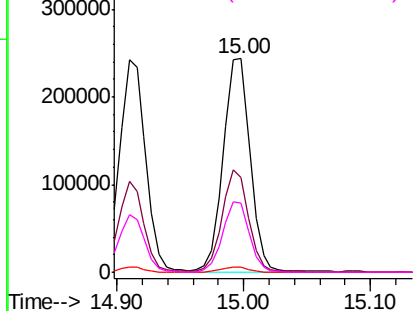
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

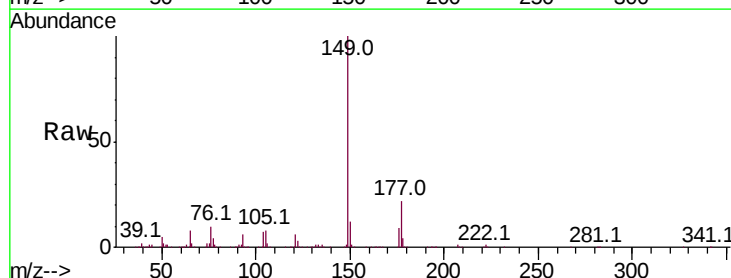
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 40.075 ng
RT: 15.20 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.1	25.7
150	12.5	9.8	14.6

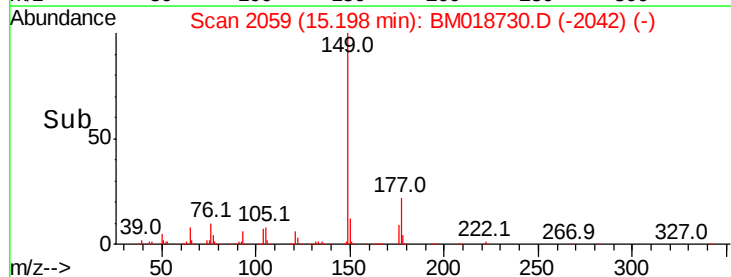
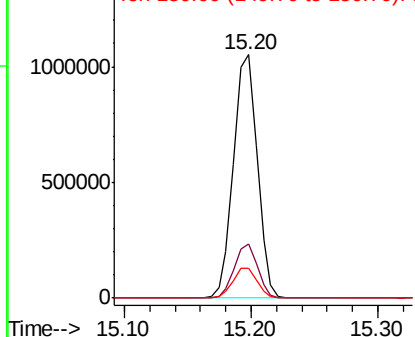


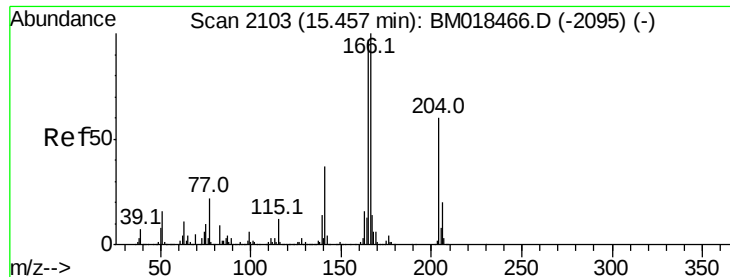
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





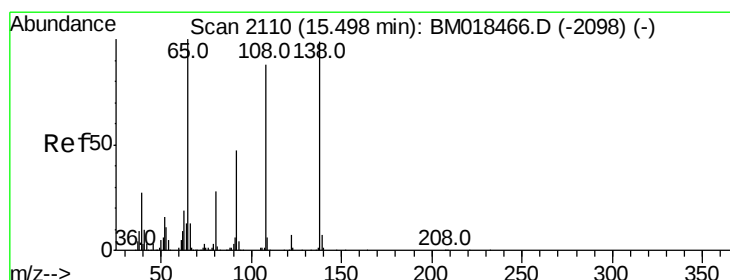
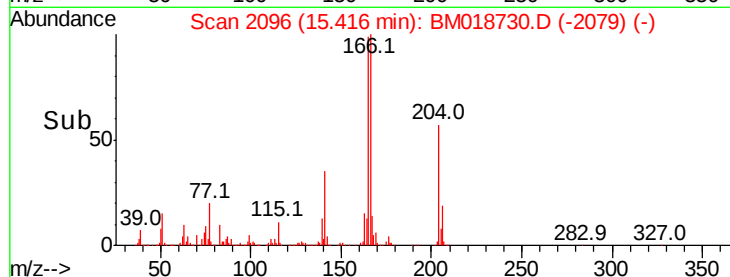
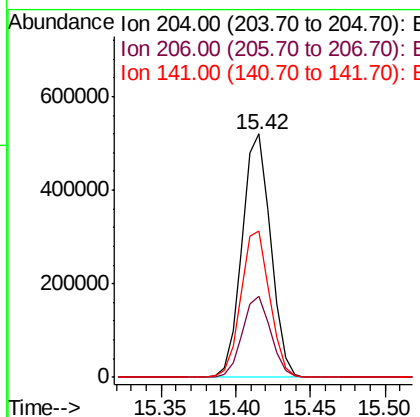
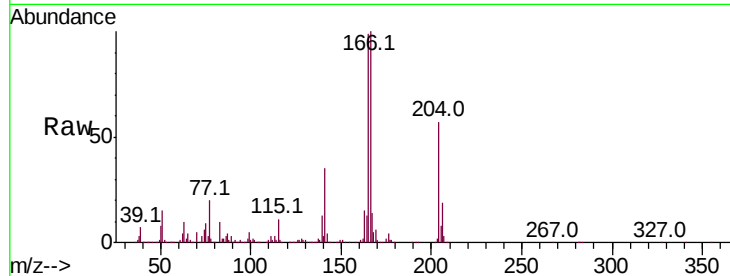
#61
4-Chlorophenyl-phenylether
Concen: 39.193 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	25.8	38.6
141	60.2	49.5	74.3

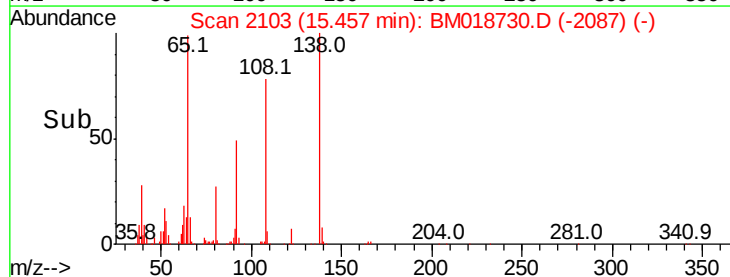
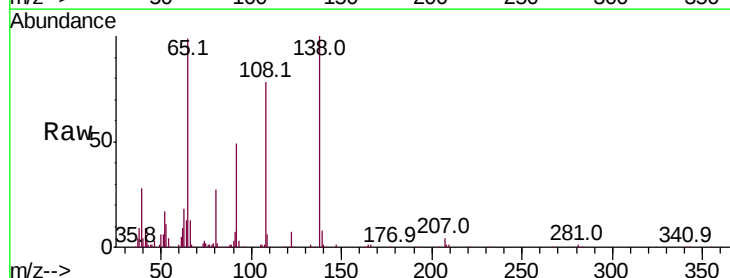
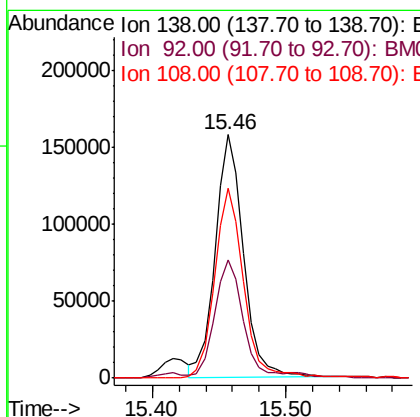
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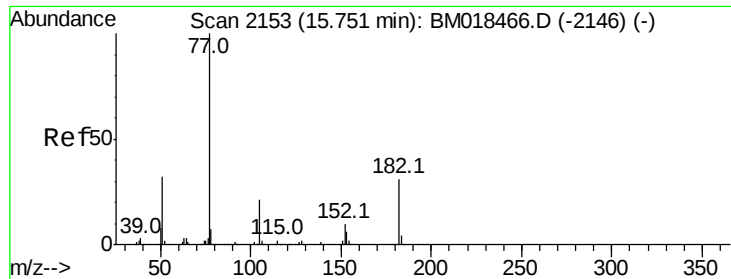
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#62
4-Nitroaniline
Concen: 29.714 ng
RT: 15.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	29.0	69.0
108	78.1	63.9	103.9





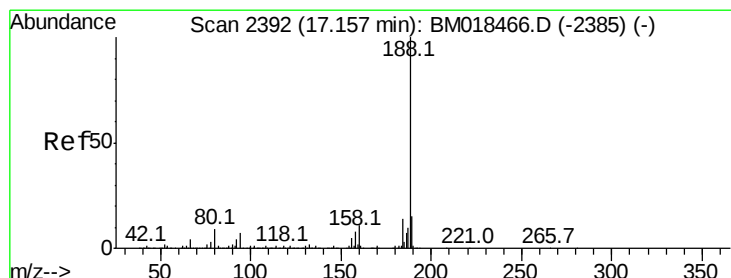
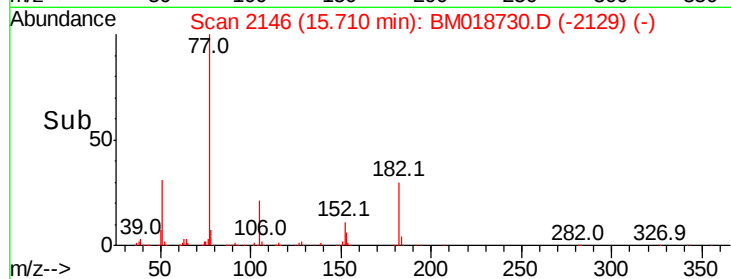
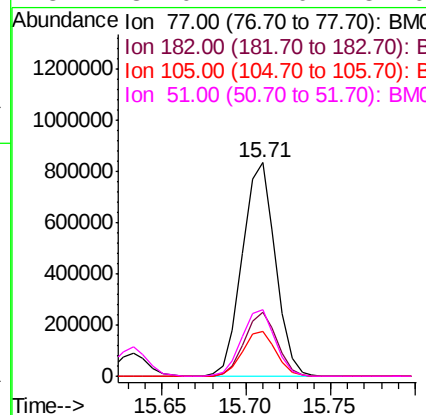
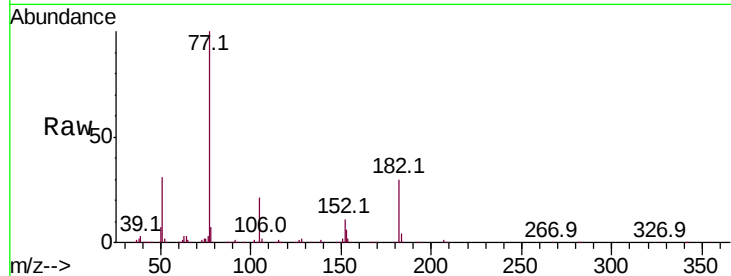
#63
Azobenzene
Concen: 40.668 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	7.4	47.4
105	21.1	0.0	39.6
51	31.0	12.0	52.0

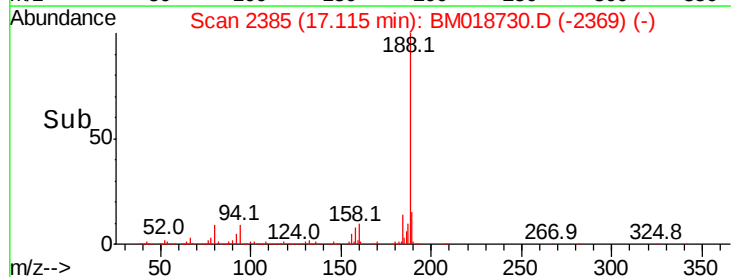
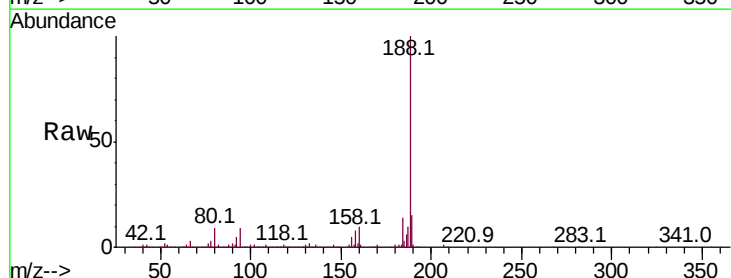
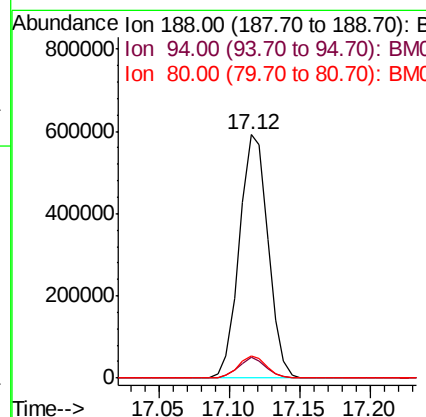
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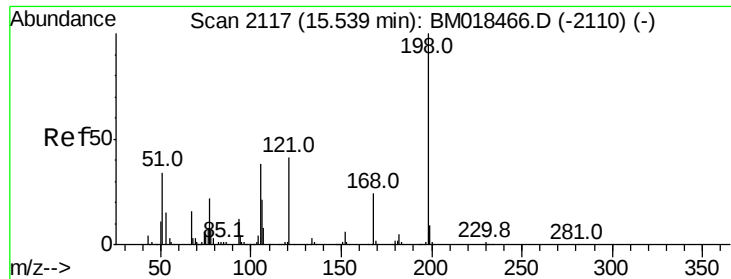
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	9.3	7.6	11.4





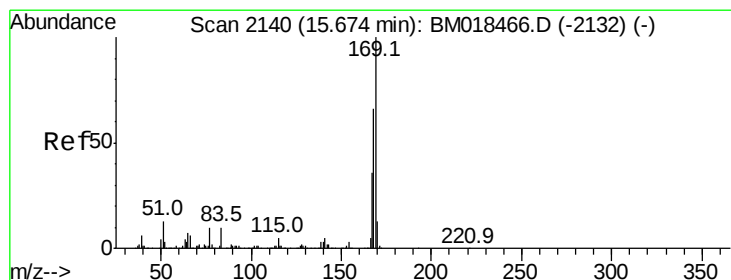
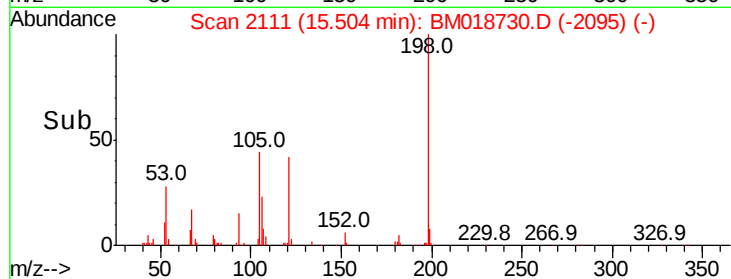
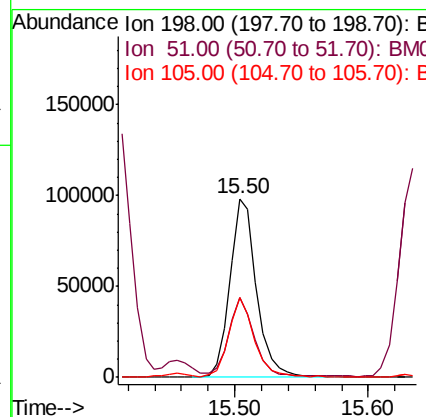
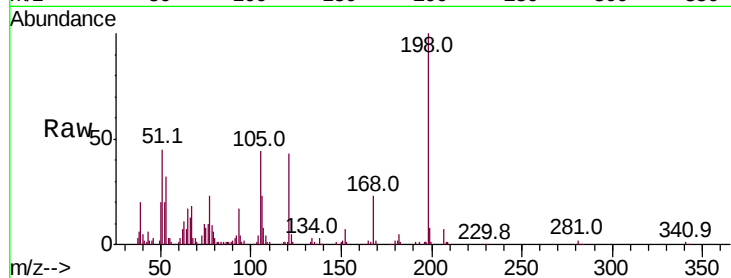
#65
4,6-Dinitro-2-methylphenol
Concen: 28.220 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	44.7	29.6	69.6	
105	44.4	25.5	65.5	

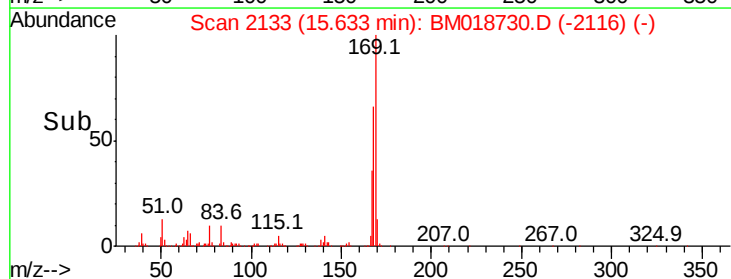
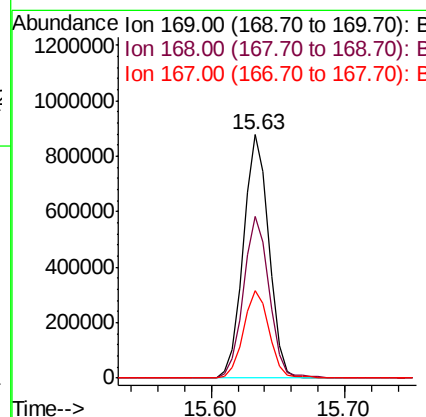
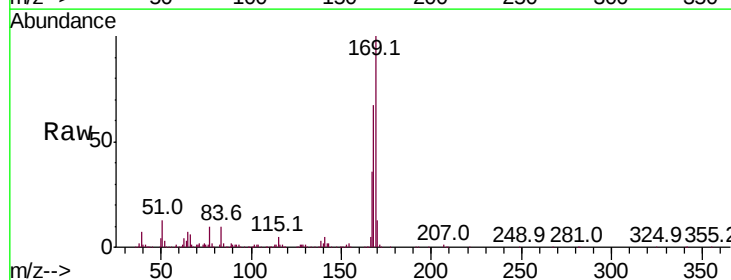
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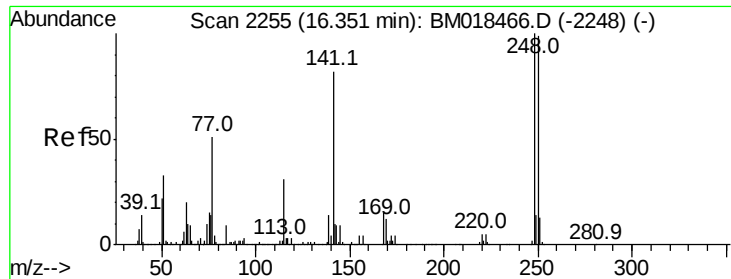
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#66
n-Nitrosodiphenylamine
Concen: 44.206 ng
RT: 15.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	66.7	54.1	81.1	
167	35.7	28.6	42.8	





#67

4-Bromophenyl-phenylether

Concen: 42.362 ng

RT: 16.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

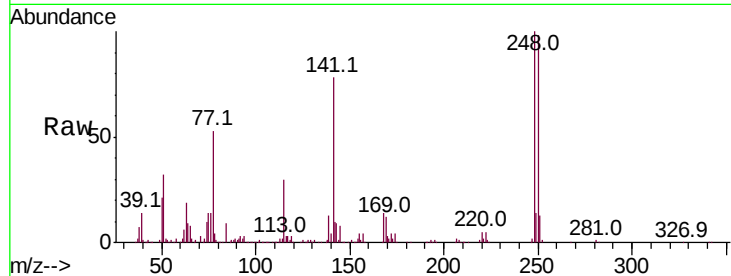
ClientSampleId :

OR-02-013119-AMS

Tot Ion:	248	Resp:	398650
Ion Ratio	Lower	Upper	
248	100		
250	98.5	76.0	114.0
141	78.0	61.5	92.3

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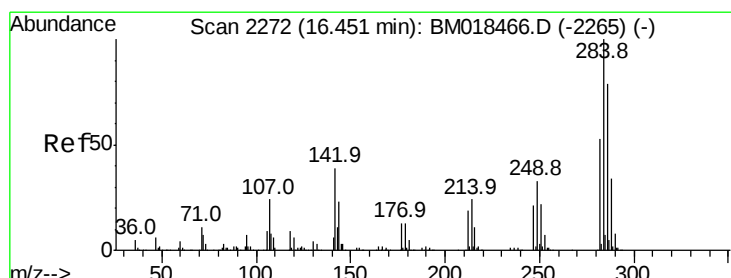
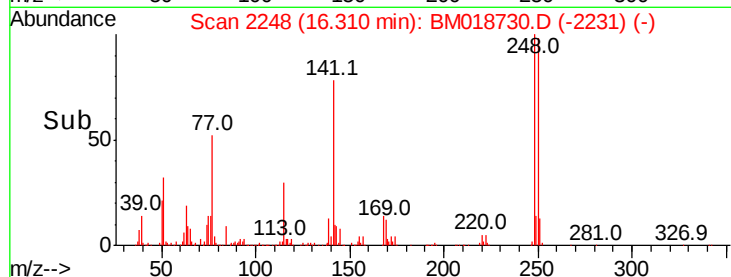
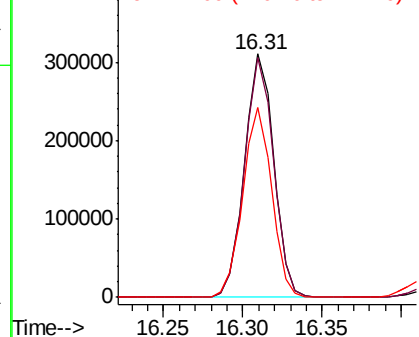


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.432 ng

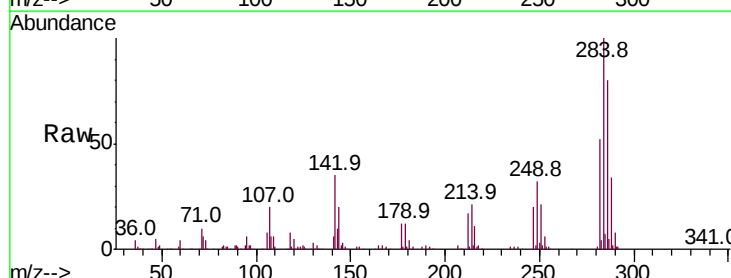
RT: 16.42 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion:	284	Resp:	447021
Ion Ratio	Lower	Upper	
284	100		
142	34.8	29.2	43.8
249	32.3	26.1	39.1

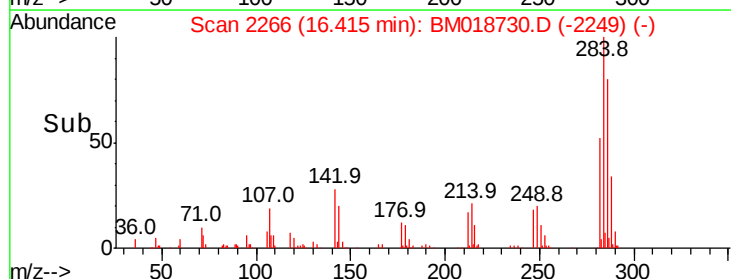
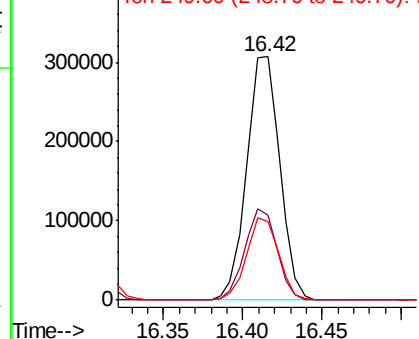


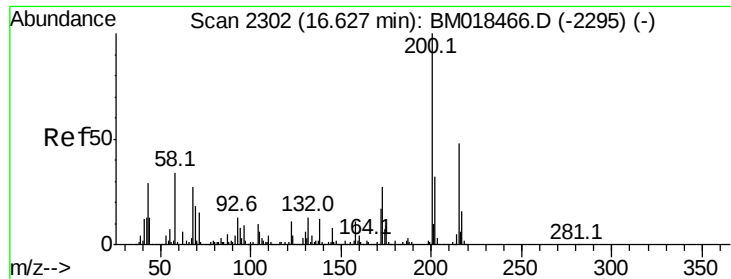
Abundance

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: 41.266 ng

RT: 16.59 min Scan# 2295

Delta R.T. -0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

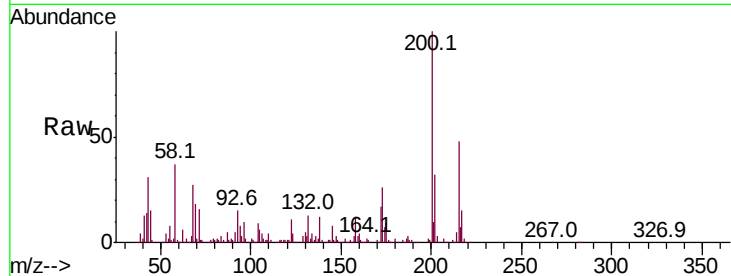
ClientSampleId :

OR-02-013119-AMS

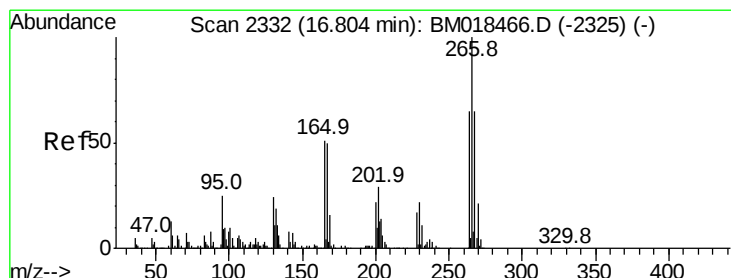
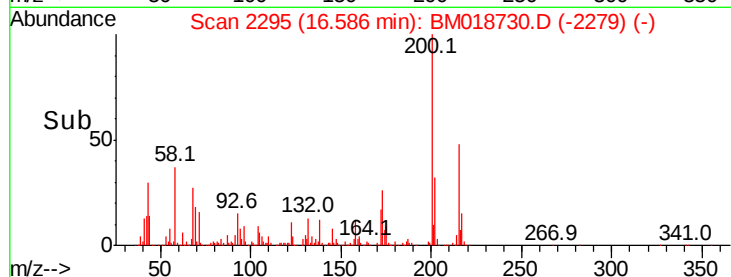
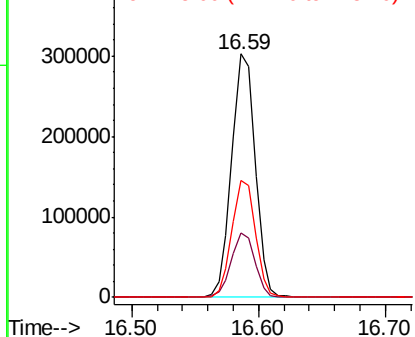
Tot Ion:	200	Resp:	389156
Ion Ratio	Lower	Upper	
200	100		
173	26.3	7.2	47.2
215	47.9	28.3	68.3

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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: 72.423 ng

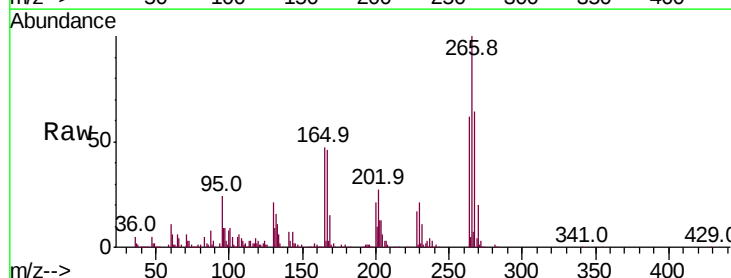
RT: 16.76 min Scan# 2325

Delta R.T. -0.01 min

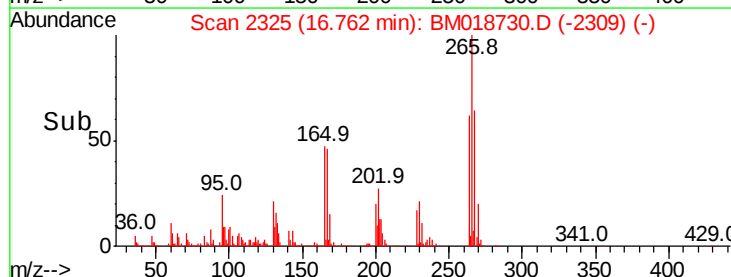
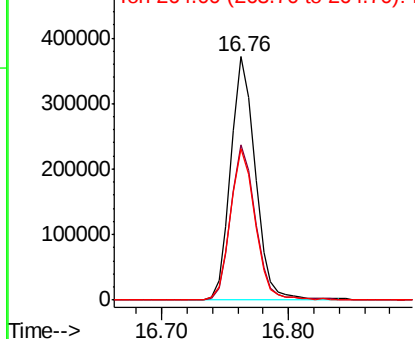
Lab File: BM018730.D

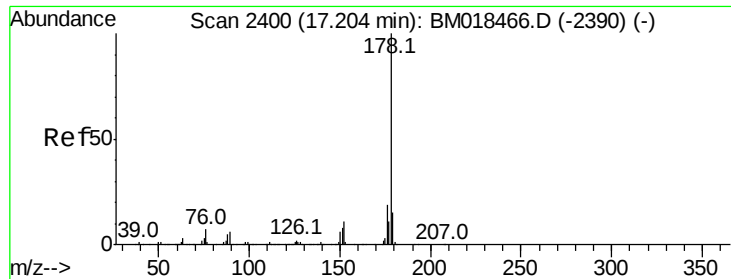
Acq: 04 Feb 2019 22:01

Tgt Ion:	266	Resp:	499688
Ion Ratio	Lower	Upper	
266	100		
268	63.8	49.8	74.6
264	62.4	50.1	75.1



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





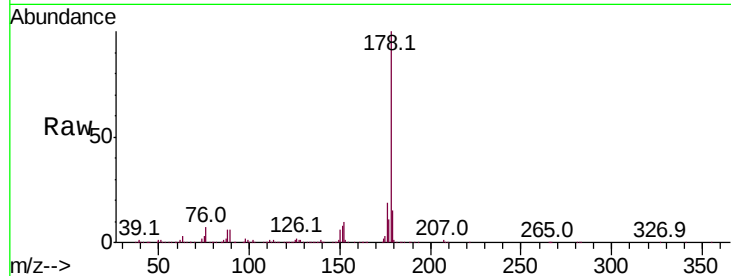
#71
Phenanthrene
Concen: 45.132 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

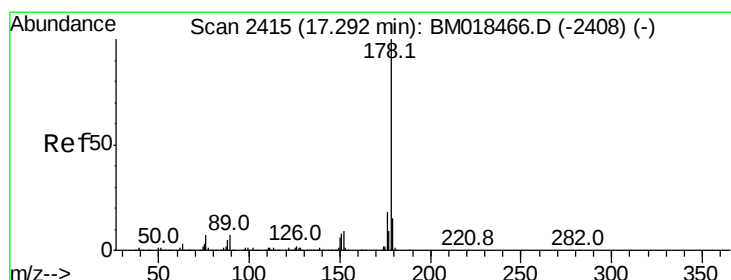
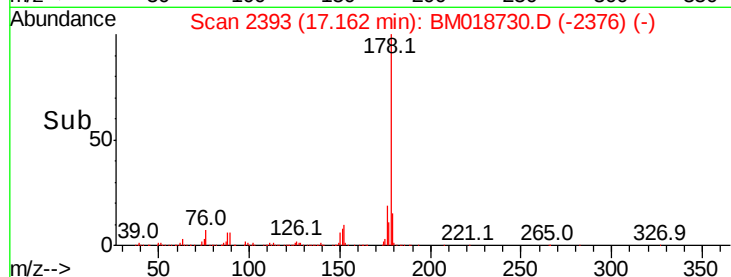
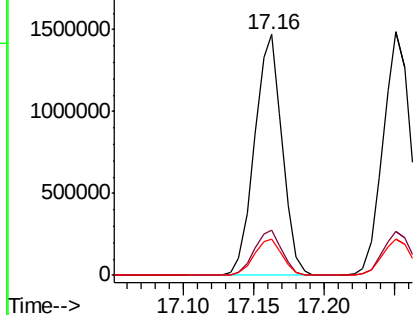
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.0
179	14.9	12.2	18.4

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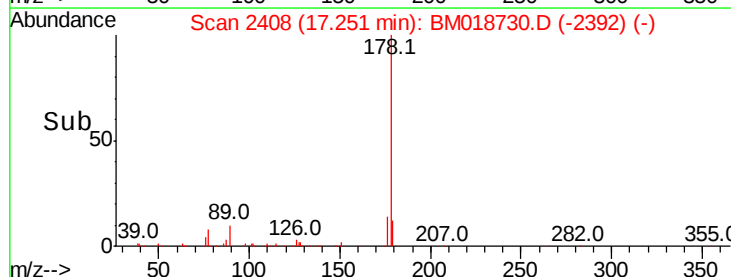
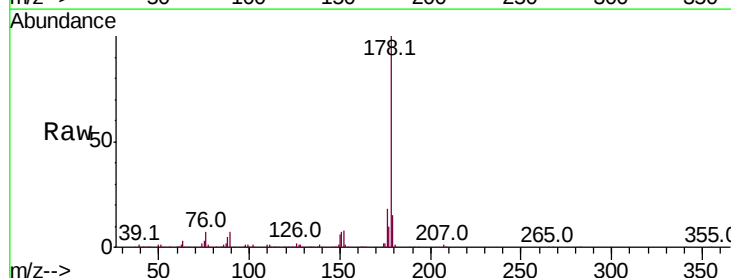
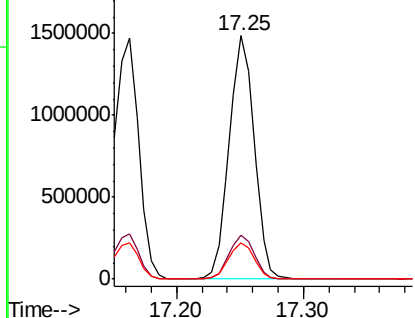
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

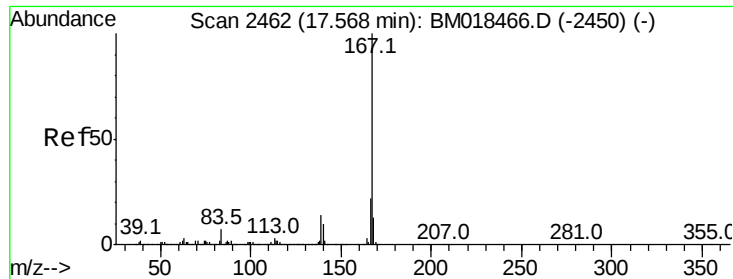


#72
Anthracene
Concen: 47.195 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.1	12.2	18.4

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





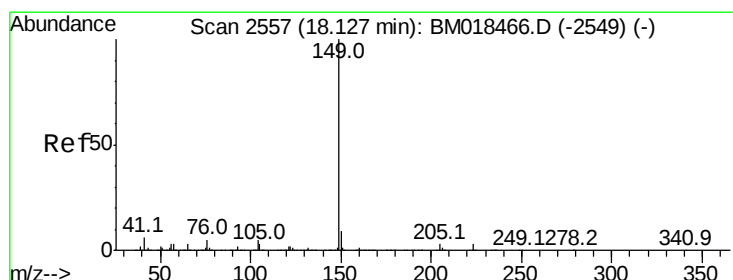
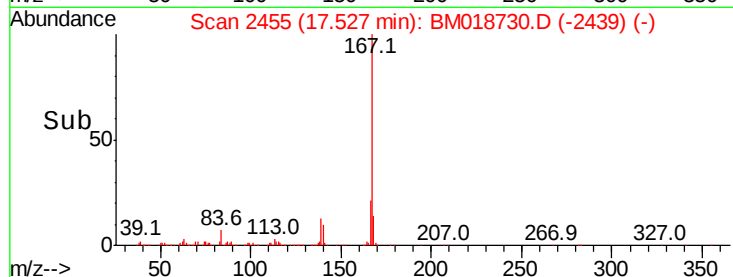
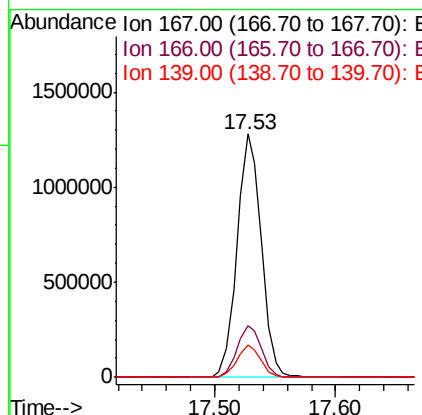
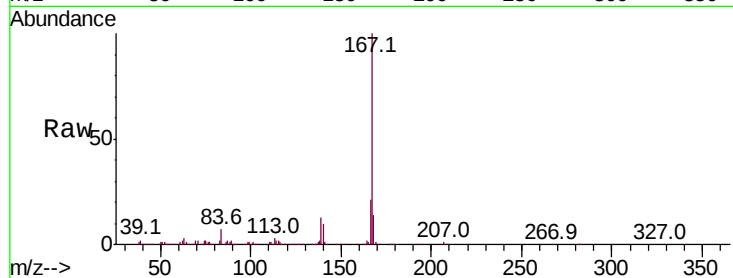
#73
 Carbazole
 Concen: 40.662 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.2
139	13.4	10.6	16.0

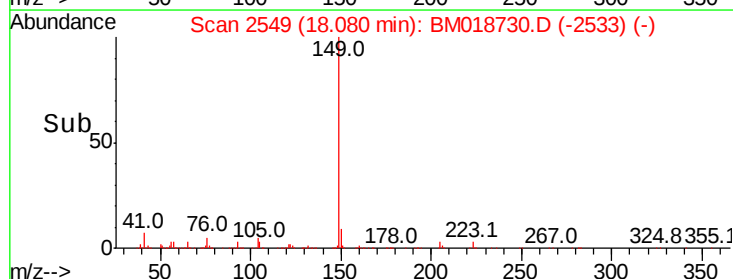
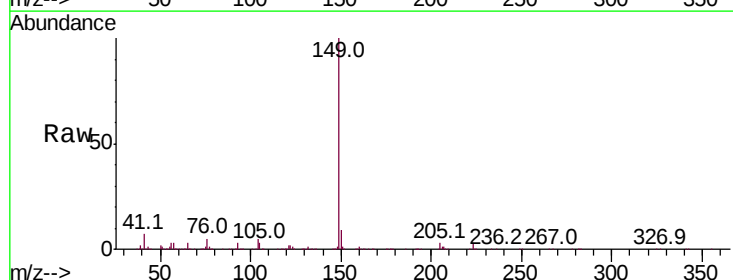
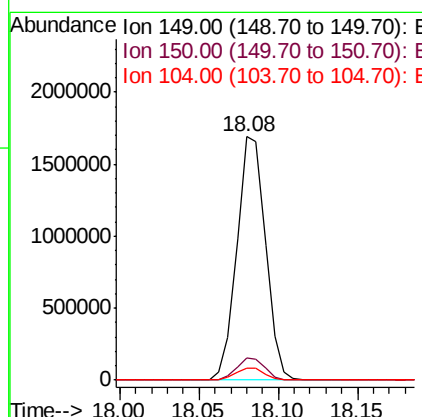
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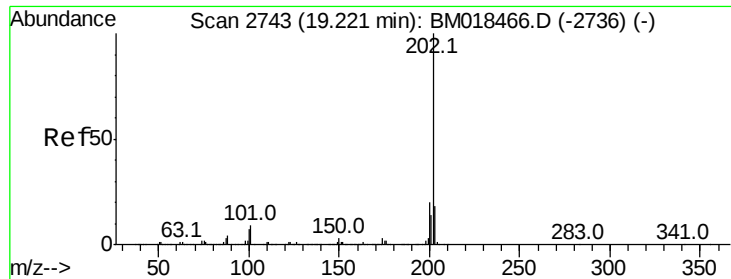
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#74
 Di-n-butylphthalate
 Concen: 43.869 ng
 RT: 18.08 min Scan# 2549
 Delta R.T. -0.01 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 42.965 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

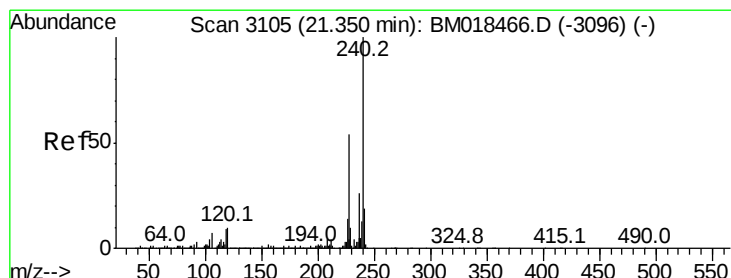
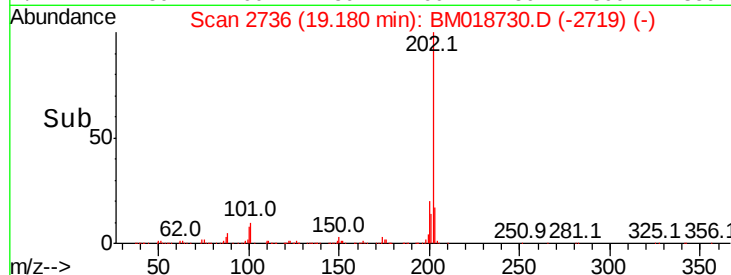
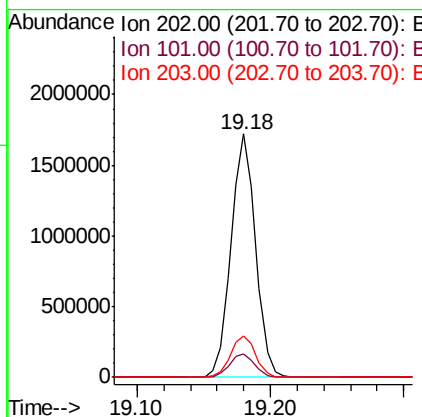
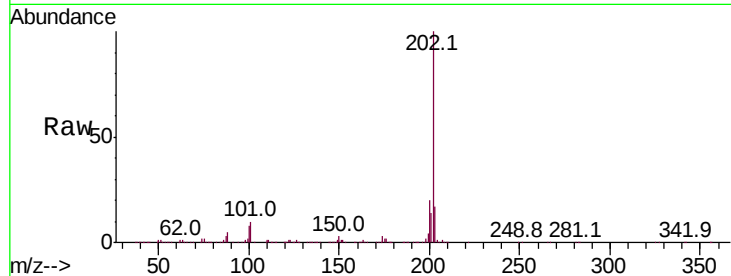
ClientSampleId :

OR-02-013119-AMS

Tot Ion:	202	Resp:	2215690
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	30.9
203	17.3	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

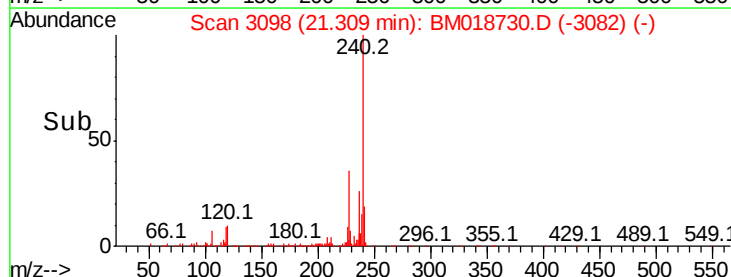
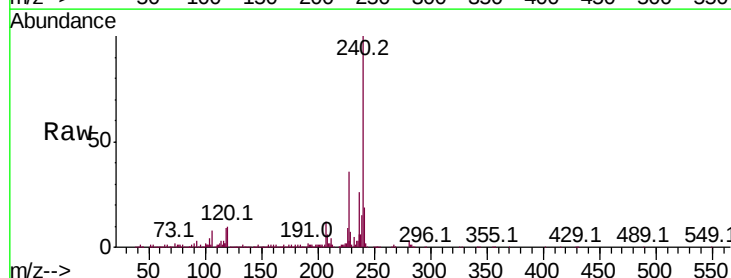
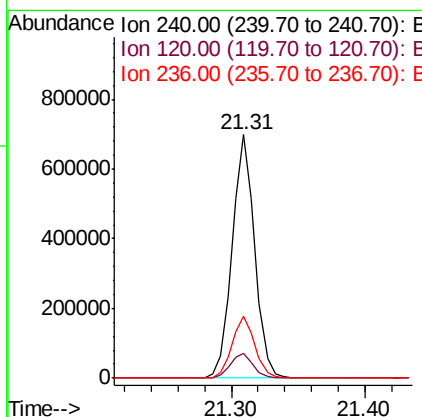
RT: 21.31 min Scan# 3098

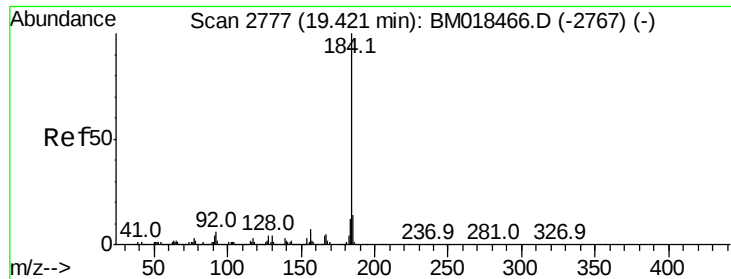
Delta R.T. -0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion:	240	Resp:	822850
Ion Ratio	Lower	Upper	
240	100		
120	9.9	8.4	12.6
236	25.6	20.7	31.1





#77

Benzidine

Concen: 12.361 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

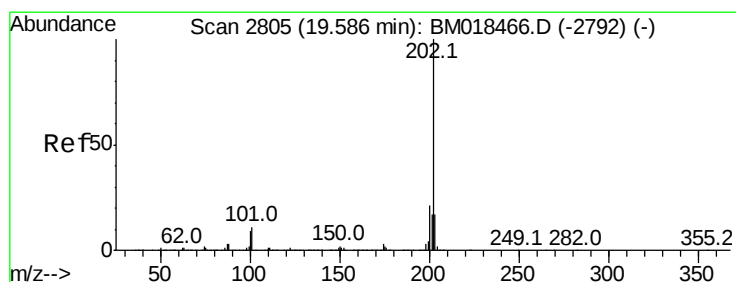
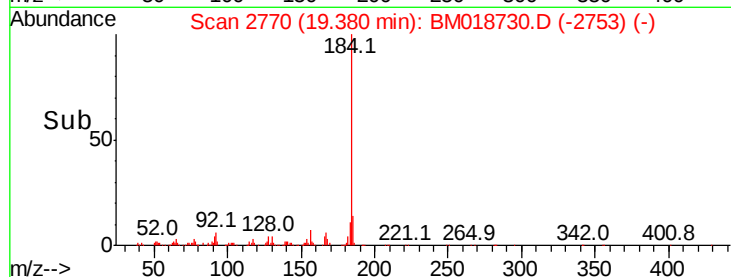
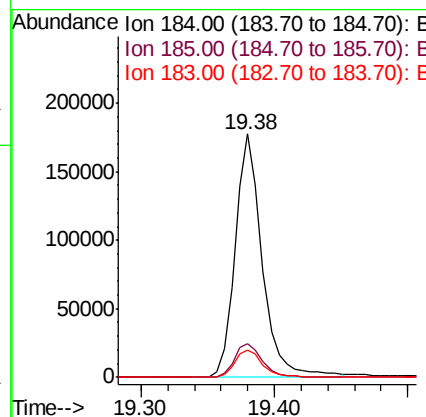
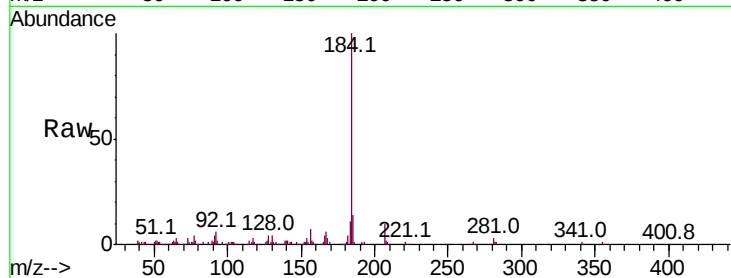
ClientSampleId :

OR-02-013119-AMS

Tot Ion:	184	Resp:	251136
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.4	17.0
183	11.2	9.5	14.3

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#78

Pyrene

Concen: 46.905 ng

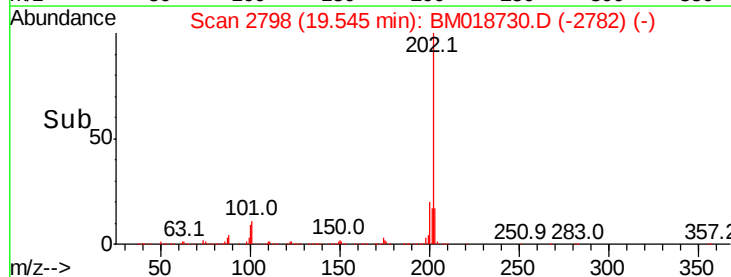
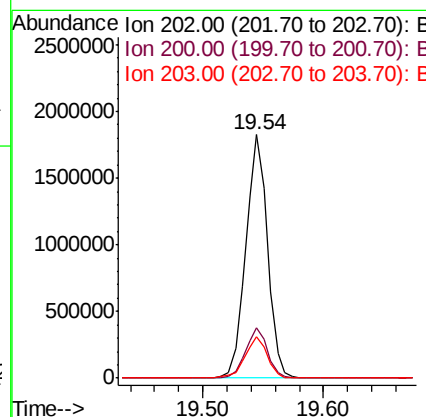
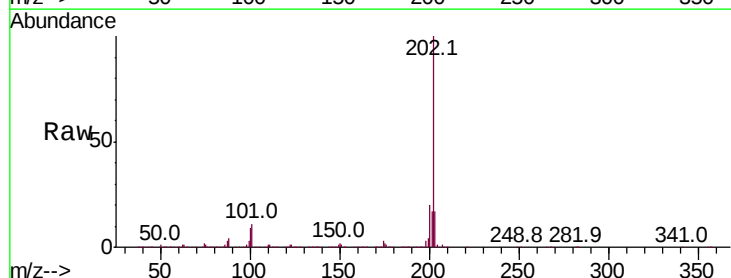
RT: 19.54 min Scan# 2798

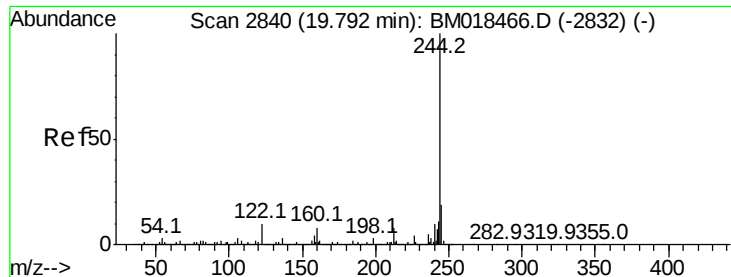
Delta R.T. -0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion:	202	Resp:	2287781
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.6	24.8
203	17.2	13.8	20.8





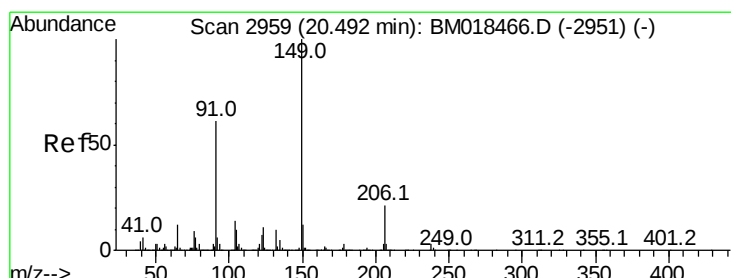
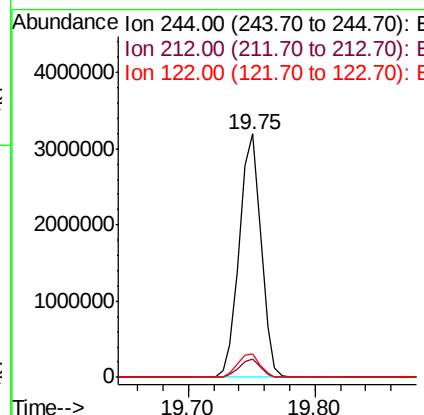
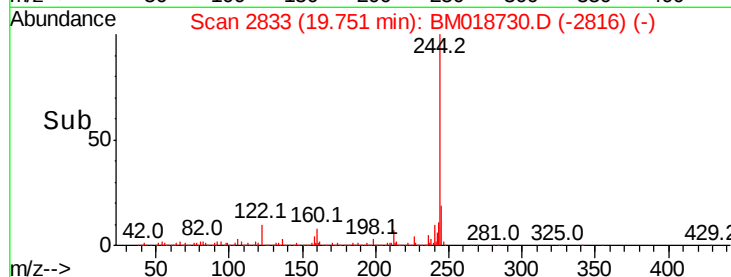
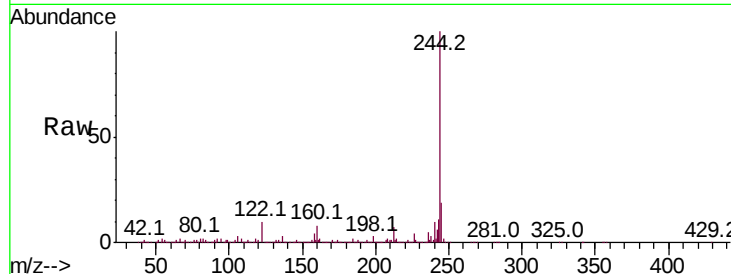
#79
 Terphenyl-d14
 Concen: 96.261 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. 0.00 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.7	9.0	13.4

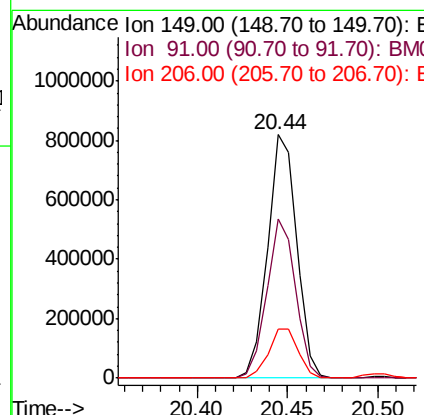
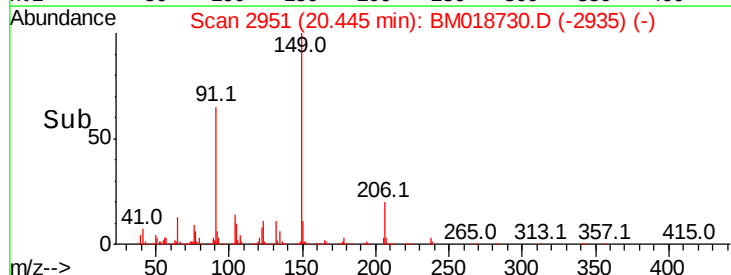
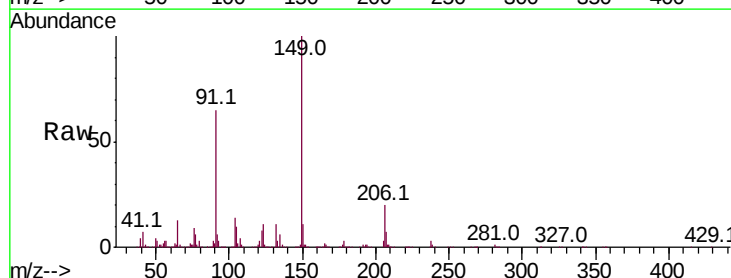
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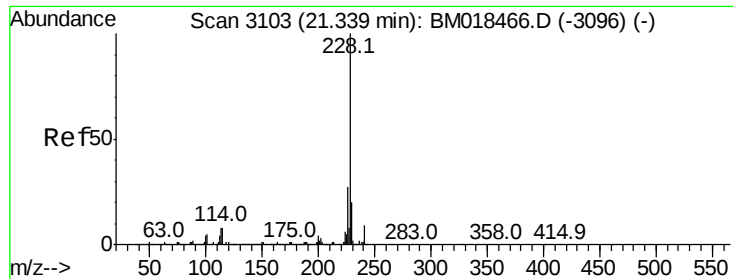
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.958 ng
 RT: 20.44 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.2	53.1	79.7
206	20.3	16.2	24.4





#81

Benzo(a)anthracene

Concen: 45.922 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

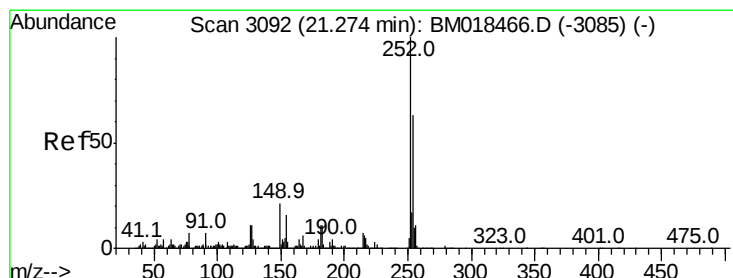
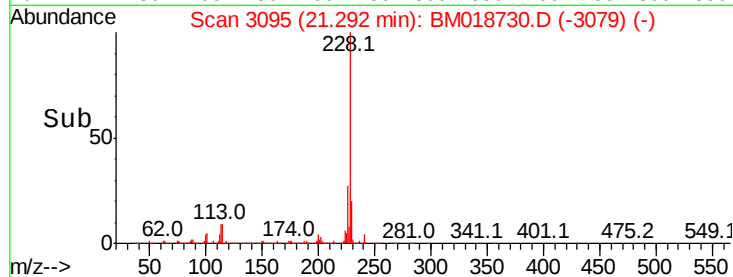
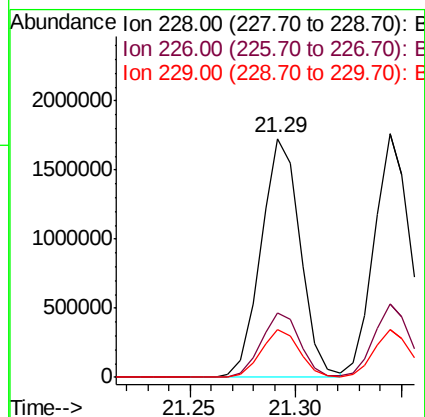
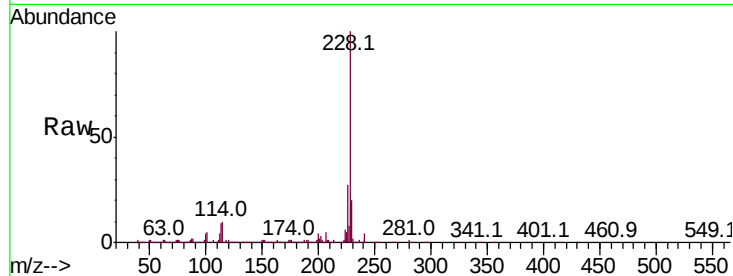
ClientSampleId :

OR-02-013119-AMS

Tot Ion:	228	Resp:	2226107
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.8	32.6
229	19.9	15.8	23.8

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 11.497 ng

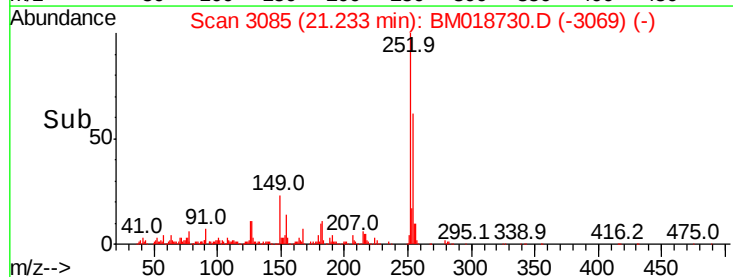
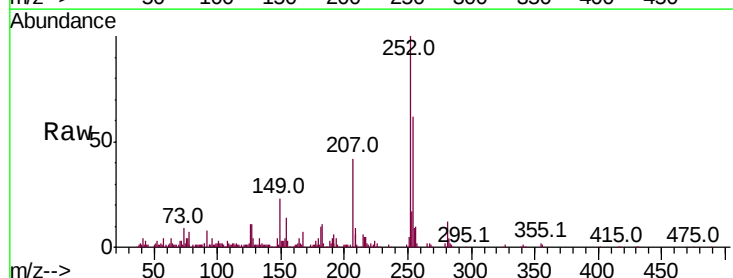
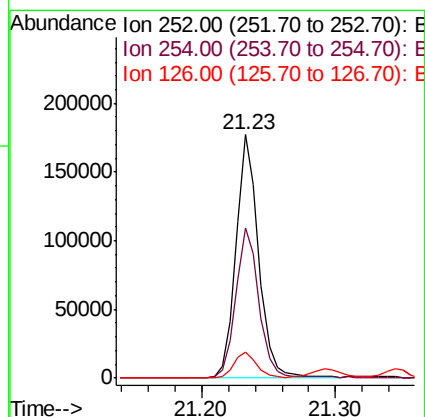
RT: 21.23 min Scan# 3085

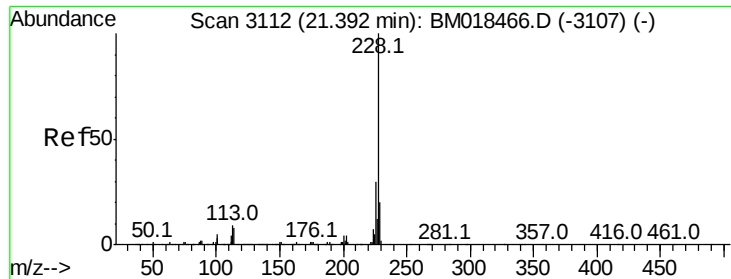
Delta R.T. -0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion:	252	Resp:	210757
Ion Ratio	Lower	Upper	
252	100		
254	61.6	51.4	77.0
126	10.6	8.7	13.1





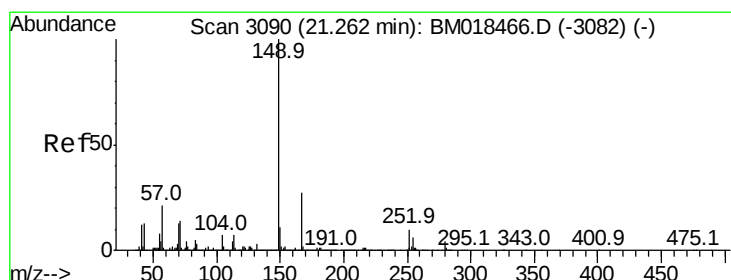
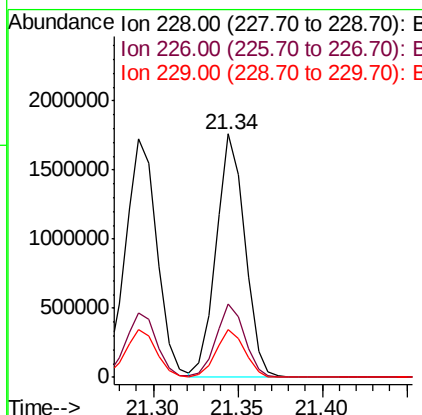
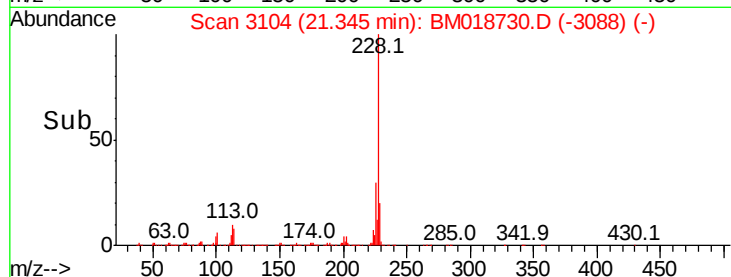
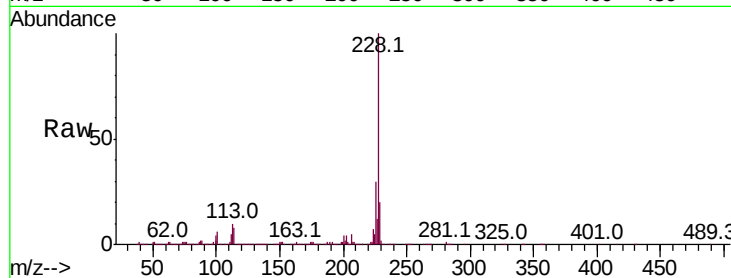
#83
 Chrysene
 Concen: 44.618 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Instrument :
 BNA_M
 ClientSampleId :
 OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.8	15.6	23.4

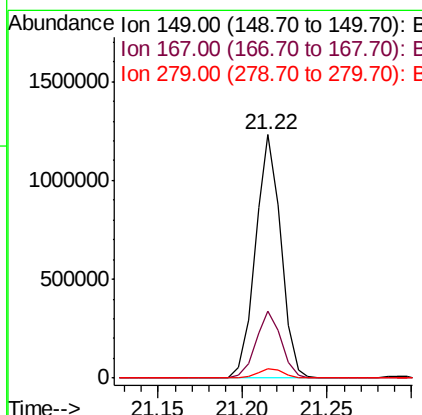
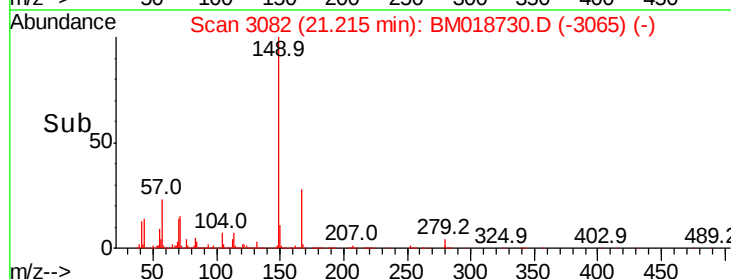
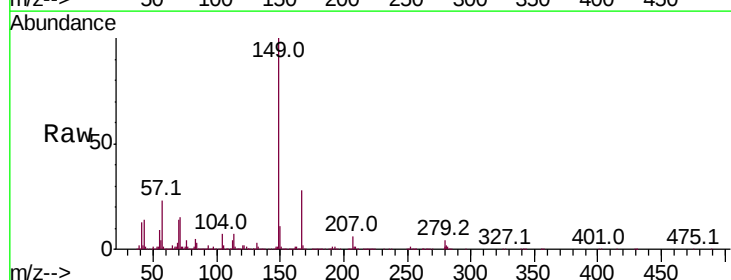
Manual Integrations
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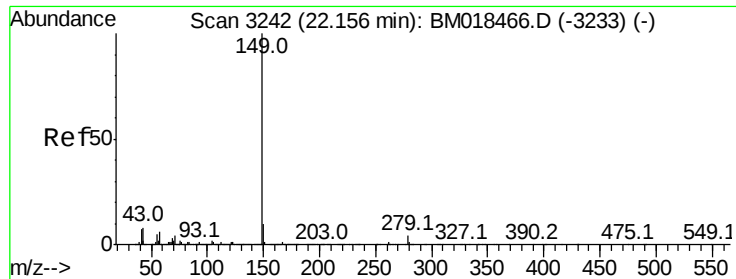
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.611 ng
 RT: 21.22 min Scan# 3082
 Delta R.T. 0.00 min
 Lab File: BM018730.D
 Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.6	32.4
279	4.0	3.3	4.9





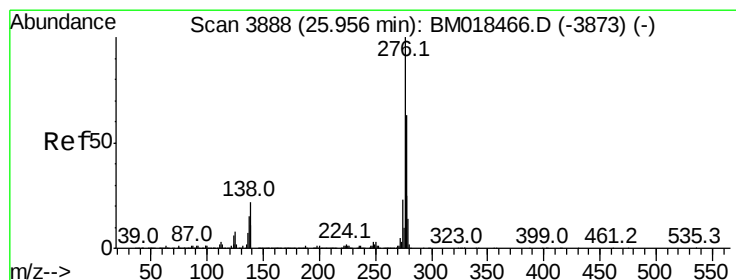
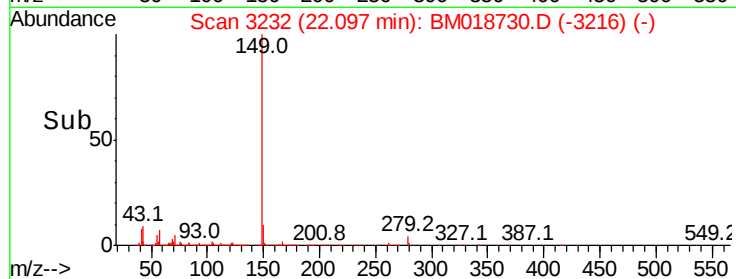
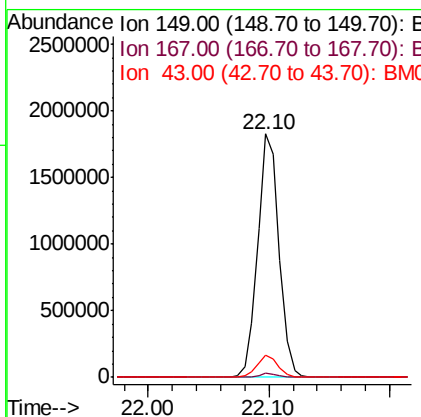
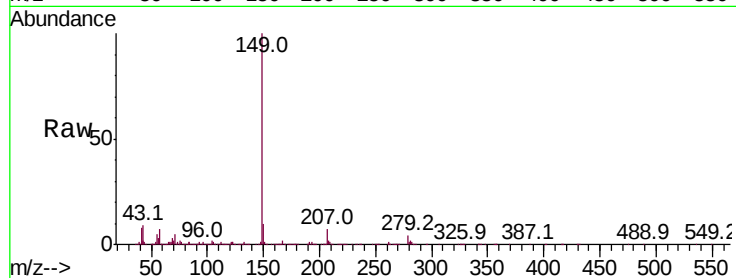
#85
Di-n-octyl phthalate
Concen: 44.187 ng
RT: 22.10 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.8	8.6	12.8

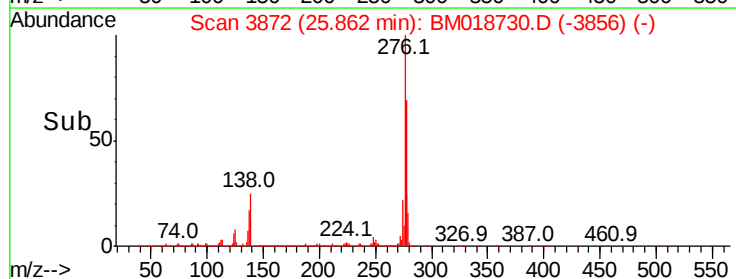
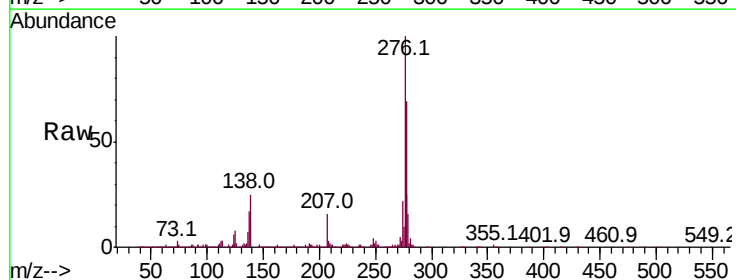
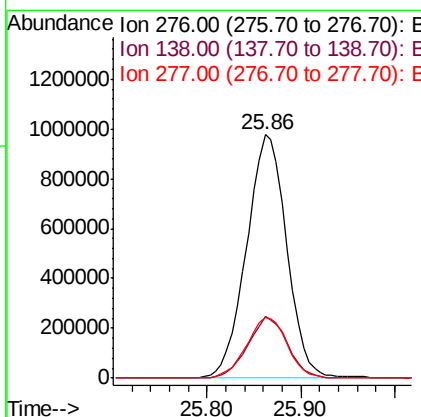
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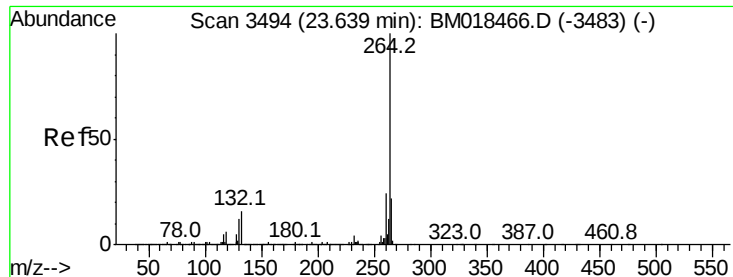
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 53.440 ng
RT: 25.86 min Scan# 3872
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.8	21.5	32.3
277	25.2	20.2	30.2





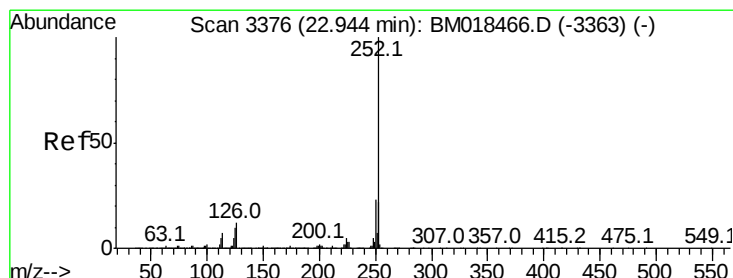
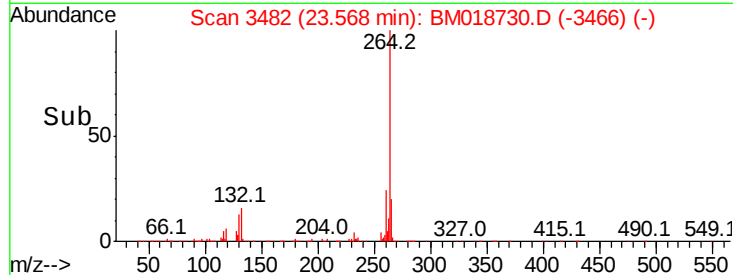
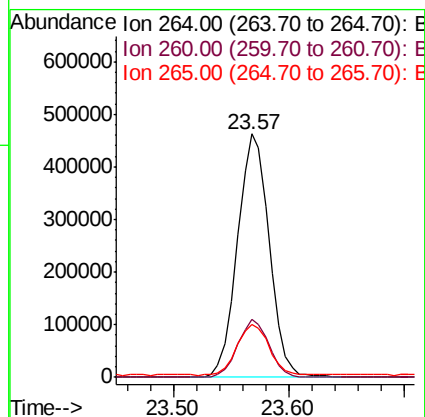
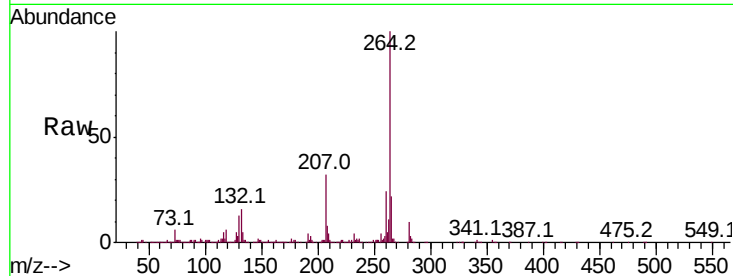
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Instrument :
BNA_M
ClientSampleId :
OR-02-013119-AMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	16.8	25.2

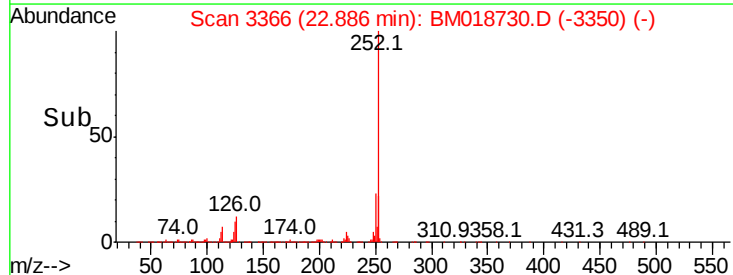
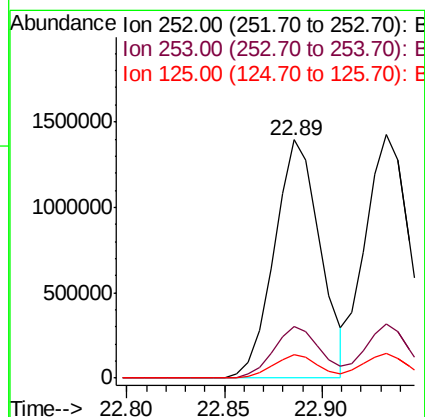
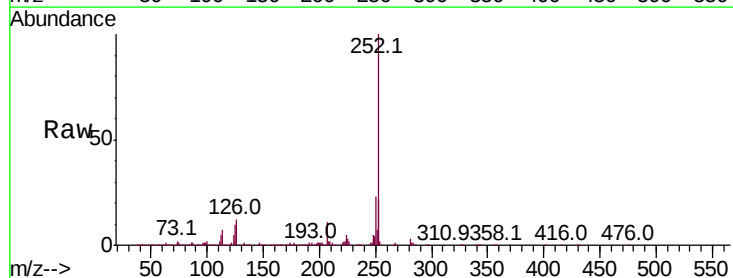
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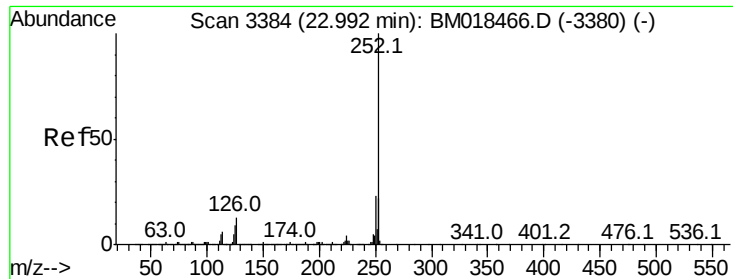
mohammad
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#88
Benzo(b)fluoranthene
Concen: 45.325 ng
RT: 22.89 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BM018730.D
Acq: 04 Feb 2019 22:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.6	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 44.592 ng

RT: 22.93 min Scan# 3374

Delta R.T. -0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

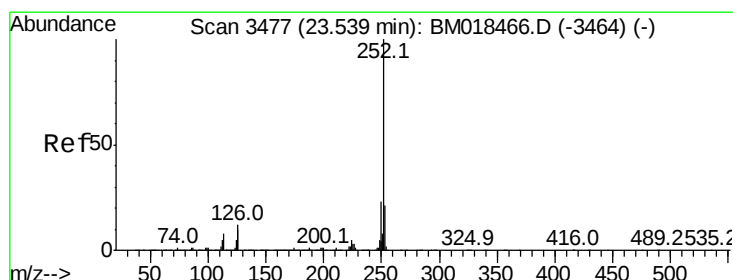
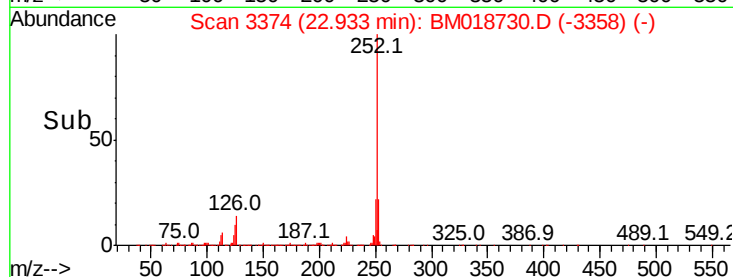
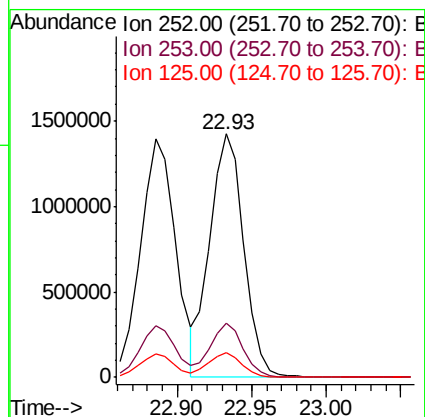
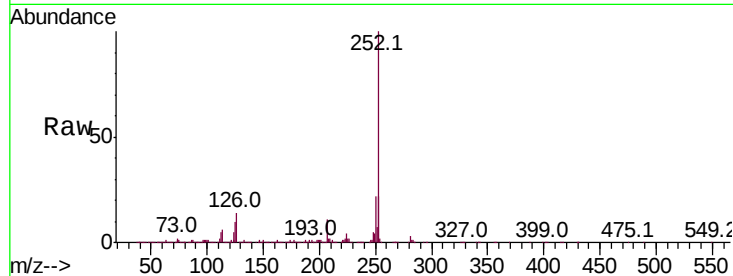
ClientSampleId :

OR-02-013119-AMS

Tot Ion:	252	Resp:	2253233
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.0
125	9.9	8.6	12.8

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#90

Benzo(a)pyrene

Concen: 46.858 ng

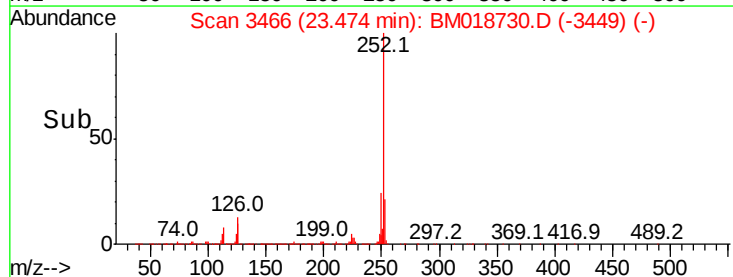
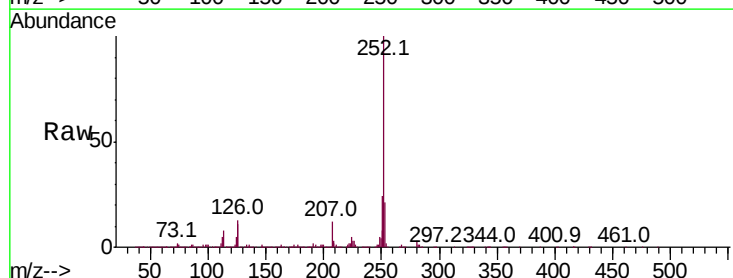
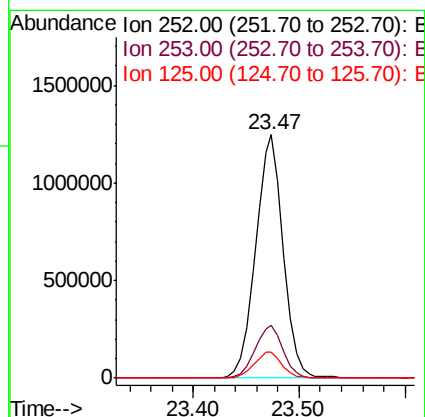
RT: 23.47 min Scan# 3466

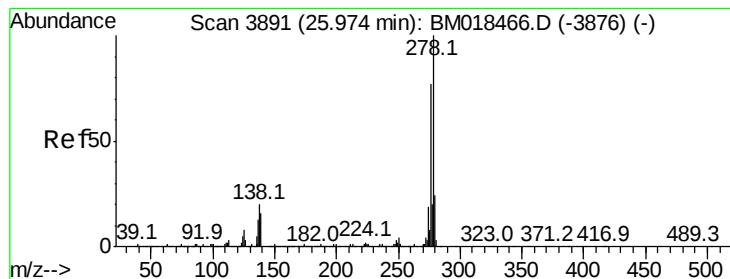
Delta R.T. 0.00 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Tgt Ion:	252	Resp:	2249302
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.5	26.3
125	10.5	9.7	14.5





#91

Dibenzo(a,h)anthracene

Concen: 50.037 ng

RT: 25.87 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

Instrument :

BNA_M

ClientSampleId :

OR-02-013119-AMS

Tot Ion:278 Resp: 2433695

Ion Ratio Lower Upper

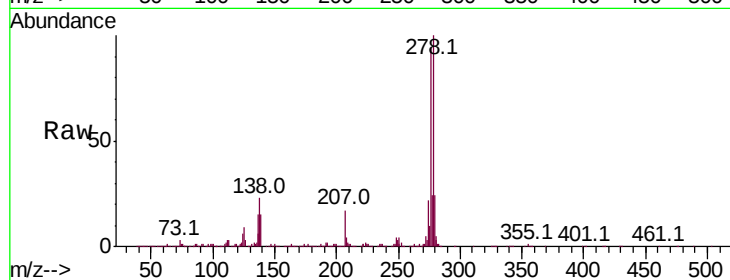
278 100

139 15.4 13.2 19.8

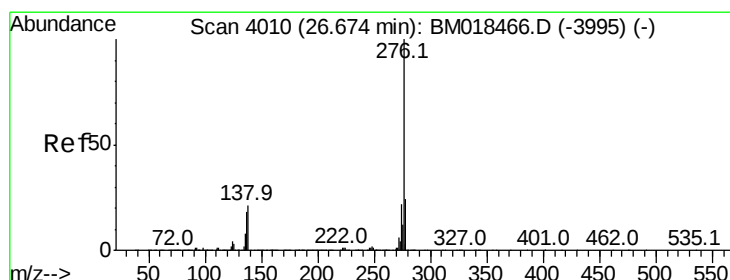
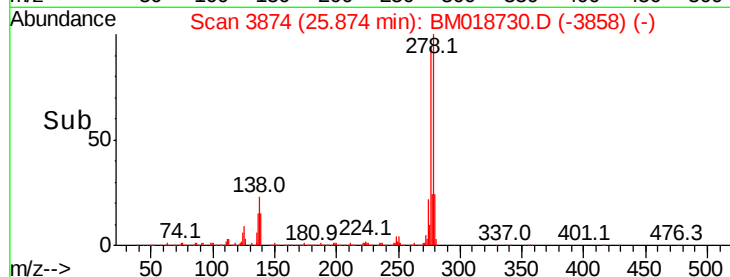
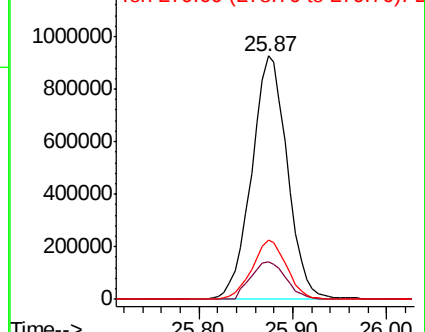
279 24.2 19.0 28.4

Manual Integrations
APPROVED

mohammad
2/5/2019 8:41:36 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.121 ng

RT: 26.57 min Scan# 3993

Delta R.T. -0.01 min

Lab File: BM018730.D

Acq: 04 Feb 2019 22:01

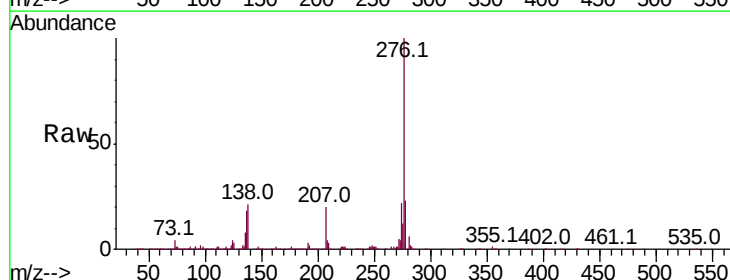
Tgt Ion:276 Resp: 2419634

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 20.7 18.1 27.1



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

