

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020707.D
 Acq On : 04 Jun 2019 17:36
 Operator : HP/JU
 Sample : PB120243BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

Manual Integrations
 APPROVED

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 6/5/2019 3:41:26 PM

Quant Time: Jun 05 03:45:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	337361	20.00	ng	0.00
21) Naphthalene-d8	10.62	136	1349070	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	712948	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	1322591	20.00	ng	-0.01
76) Chrysene-d12	21.39	240	978444	20.00	ng	-0.01
87) Perylene-d12	23.67	264	1088664	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	2726046	142.14	ng	0.00
7) Phenol-d6	6.99	99	3575801	126.62	ng	0.00
23) Nitrobenzene-d5	8.99	82	2153393	82.70	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1186103	134.28	ng	-0.01
45) 2-Fluorobiphenyl	13.09	172	4776108	89.06	ng	0.00
79) Terphenyl-d14	19.83	244	4989326	85.29	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.35	88	321217	40.909 ng	96
3) Pyridine	3.74	79	894694	35.813 ng	98
4) n-Nitrosodimethylamine	3.66	42	410958	38.160 ng	99
6) Aniline	7.16	93	1254646	30.705 ng	98
8) 2-Chlorophenol	7.39	128	1061012	44.471 ng	98
9) Benzaldehyde	6.97	77	325322	16.146 ng	96
10) Phenol	7.02	94	1302772	42.809 ng	97
11) bis(2-Chloroethyl)ether	7.26	93	956609	39.443 ng	98
12) 1,3-Dichlorobenzene	7.71	146	1082759	39.487 ng	98
13) 1,4-Dichlorobenzene	7.86	146	1108748	39.774 ng	98
14) 1,2-Dichlorobenzene	8.17	146	1073719	39.580 ng	98
15) Benzyl Alcohol	8.07	79	947764	37.937 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1327457	35.451 ng	99
17) 2-Methylphenol	8.26	107	870467	40.677 ng	99
18) Hexachloroethane	8.90	117	407587	38.190 ng	96
19) n-Nitroso-di-n-propylamine	8.63	70	802102	35.335 ng	97
20) 3+4-Methylphenols	8.59	107	1162924	39.942 ng	98
22) Acetophenone	8.65	105	1481791	43.237 ng	# 97
24) Nitrobenzene	9.03	77	1155635	43.475 ng	99
25) Isophorone	9.55	82	2095103	40.451 ng	100
26) 2-Nitrophenol	9.73	139	508523	51.331 ng	98
27) 2,4-Dimethylphenol	9.79	122	940516	50.665 ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1299221	41.487 ng	99
29) 2,4-Dichlorophenol	10.26	162	963661	46.920 ng	98
30) 1,2,4-Trichlorobenzene	10.48	180	1040657	44.066 ng	99
31) Naphthalene	10.67	128	3028268	43.651 ng	100
32) Benzoic acid	9.93	122	521314m	44.978 ng	
33) 4-Chloroaniline	10.78	127	439969	13.627 ng	97
34) Hexachlorobutadiene	10.95	225	604403	42.654 ng	100
35) Caprolactam	11.57	113	263242m	36.894 ng	
36) 4-Chloro-3-methylphenol	11.90	107	978133	40.962 ng	99
37) 2-Methylnaphthalene	12.28	142	2207688	42.933 ng	99
38) 1-Methylnaphthalene	12.50	142	2086785	42.620 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1126021	48.195 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1458463	104.374	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	715050	47.547	ng	99
44) 2,4,5-Trichlorophenol	12.96	196	751943	48.431	ng	97
46) 1,1'-Biphenyl	13.30	154	2753815	46.249	ng	99
47) 2-Chloronaphthalene	13.34	162	2112593	43.960	ng	99
48) 2-Nitroaniline	13.55	65	593060	39.319	ng	92
49) Acenaphthylene	14.19	152	3292787	43.914	ng	100
50) Dimethylphthalate	13.93	163	2500583	41.053	ng	100
51) 2,6-Dinitrotoluene	14.05	165	534974	43.255	ng	91
52) Acenaphthene	14.53	154	1918527	42.934	ng	99
53) 3-Nitroaniline	14.37	138	314984	22.817	ng	93
54) 2,4-Dinitrophenol	14.58	184	434546	81.519	ng	91
55) Dibenzofuran	14.86	168	2975323	42.871	ng	98
56) 4-Nitrophenol	14.67	139	815295	80.145	ng	96
57) 2,4-Dinitrotoluene	14.83	165	694296	41.926	ng	96
58) Fluorene	15.51	166	2349834	41.172	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.09	232	620221	45.843	ng	98
60) Diethylphthalate	15.29	149	2455192	39.083	ng	99
61) 4-Chlorophenyl-phenylether	15.51	204	1251932	41.429	ng	94
62) 4-Nitroaniline	15.54	138	491137	33.546	ng	95
63) Azobenzene	15.80	77	2322678	38.566	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	263358	44.540	ng	97
66) n-Nitrosodiphenylamine	15.72	169	2015238	47.597	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	714557	45.887	ng	94
68) Hexachlorobenzene	16.50	284	804960	44.268	ng	99
69) Atrazine	16.67	200	622575	49.269	ng	100
70) Pentachlorophenol	16.85	266	890484	102.652	ng	99
71) Phenanthrene	17.25	178	3263645	43.533	ng	100
72) Anthracene	17.34	178	3324415	44.305	ng	99
73) Carbazole	17.61	167	2803538	41.173	ng	99
74) Di-n-butylphthalate	18.17	149	3556723	40.239	ng	100
75) Fluoranthene	19.26	202	3268190	39.200	ng	99
77) Benzidine	19.45	184	1409031	47.526	ng	99
78) Pyrene	19.62	202	3251163	43.300	ng	100
80) Butylbenzylphthalate	20.53	149	1313154	41.384	ng	94
81) Benzo(a)anthracene	21.37	228	2845789	41.765	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	836975	33.544	ng	98
83) Chrysene	21.42	228	2796630	43.178	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1862804	40.393	ng	100
85) Di-n-octyl phthalate	22.20	149	2967492	40.530	ng	97
86) Indeno(1,2,3-cd)pyrene	26.00	276	3734282	56.356	ng	99
88) Benzo(b)fluoranthene	22.98	252	2981499	41.436	ng	99
89) Benzo(k)fluoranthene	23.03	252	2943531	41.861	ng	100
90) Benzo(a)pyrene	23.57	252	2946647	45.148	ng	99
91) Dibenzo(a,h)anthracene	26.01	278	3164435	49.976	ng	99
92) Benzo(g,h,i)perylene	26.71	276	3041884	51.720	ng	99

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

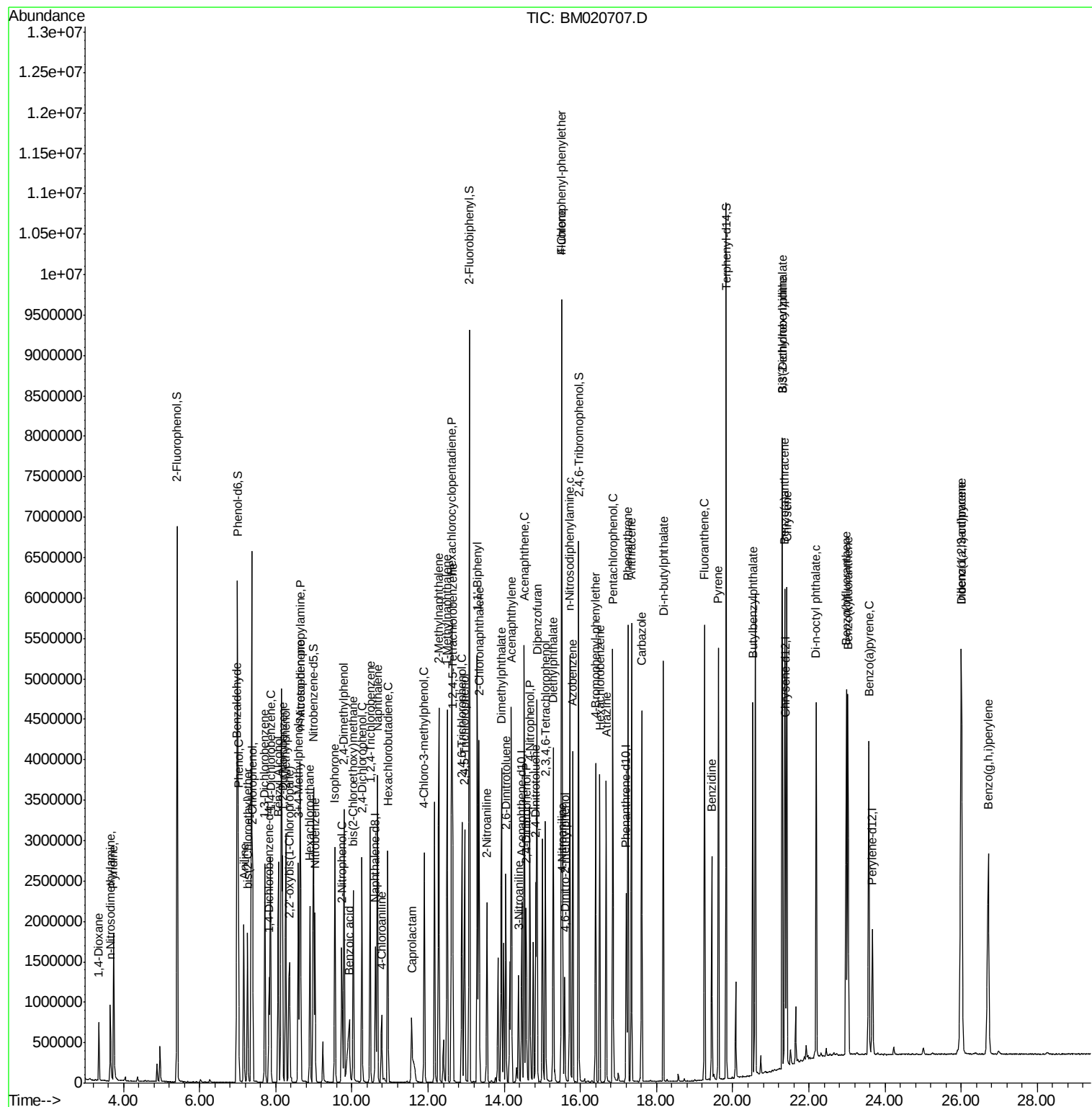
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
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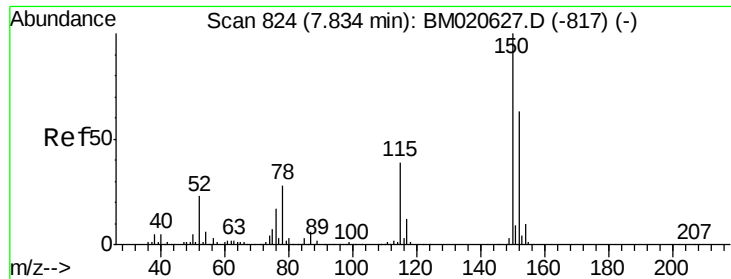
Instrument :
 BNA_M
 Client Sample ID :
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#1

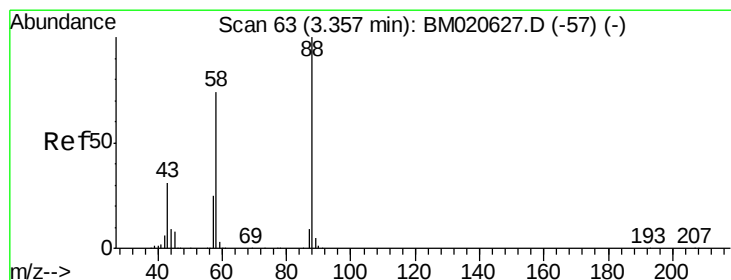
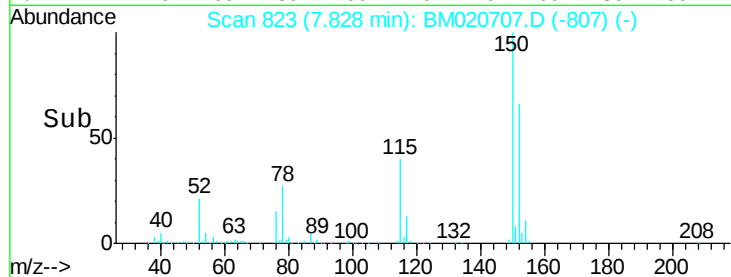
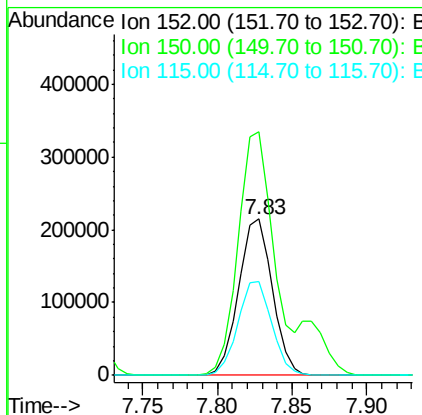
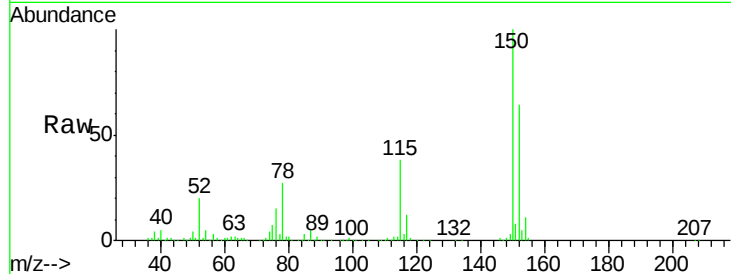
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 823
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.0	189.0
115	59.9	49.6	74.4

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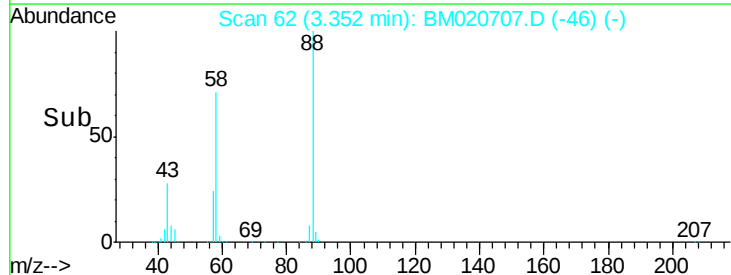
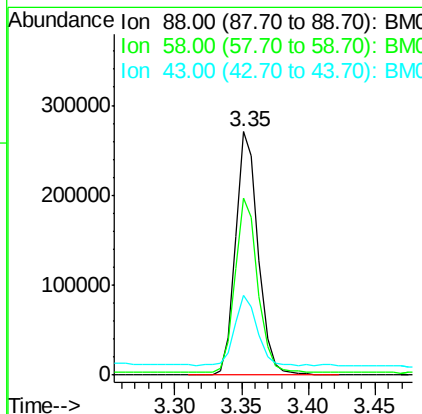
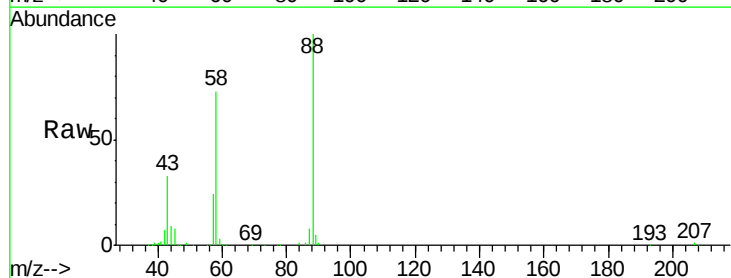
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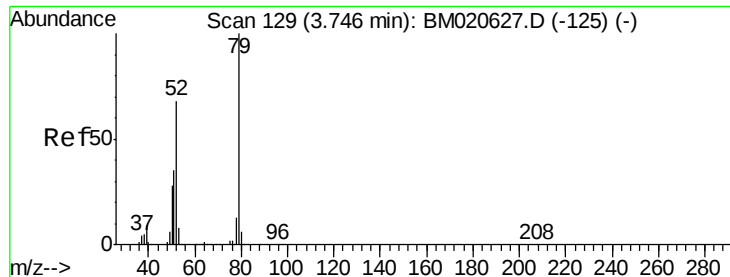


#2

1,4-Dioxane
Concen: 40.909 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.9	60.2	90.4
43	29.1	25.3	37.9





#3

Pyridine

Concen: 35.813 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

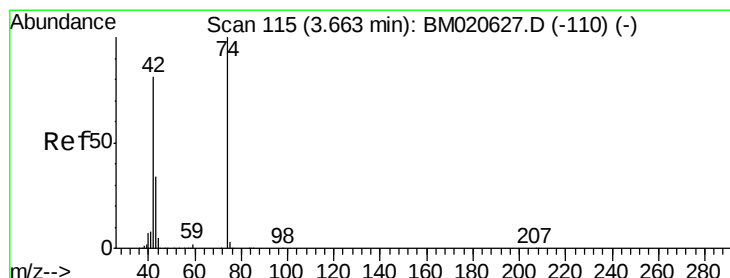
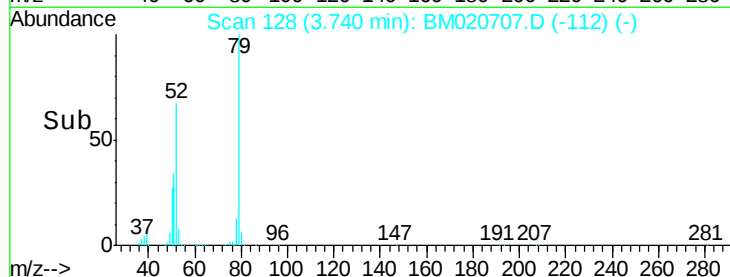
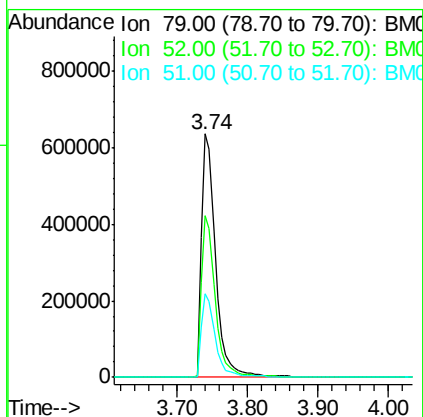
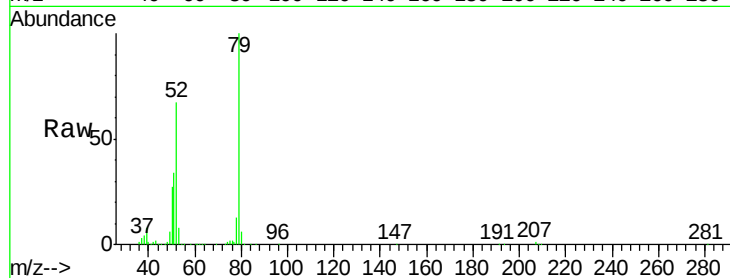
ClientSampleId :

PB120243BS

Tgt Ion:	79	Resp:	894694
Ion	Ratio	Lower	Upper
79	100		
52	66.6	54.1	81.1
51	34.4	28.6	42.8

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#4

n-Nitrosodimethylamine

Concen: 38.160 ng

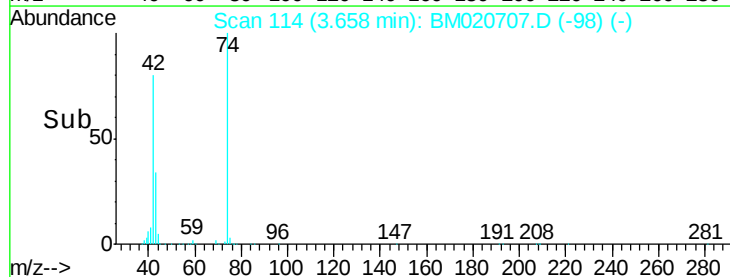
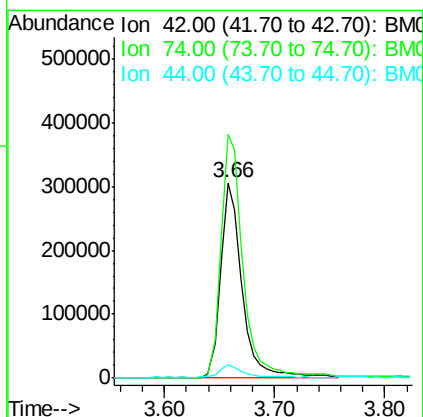
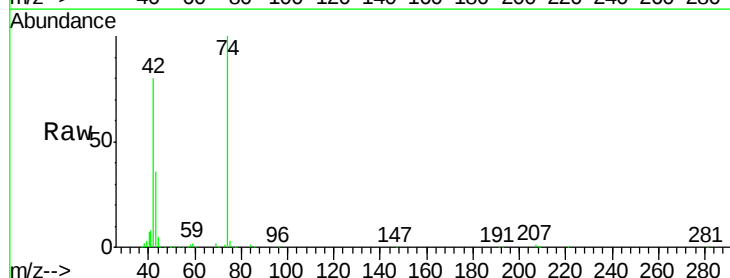
RT: 3.66 min Scan# 114

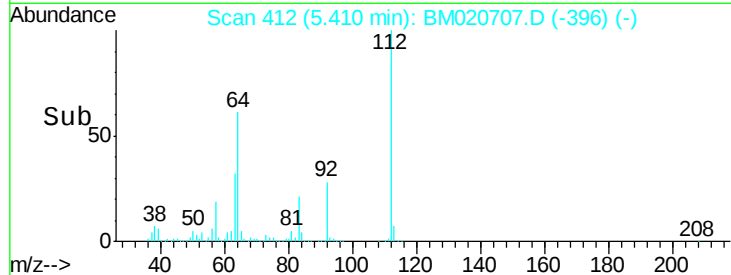
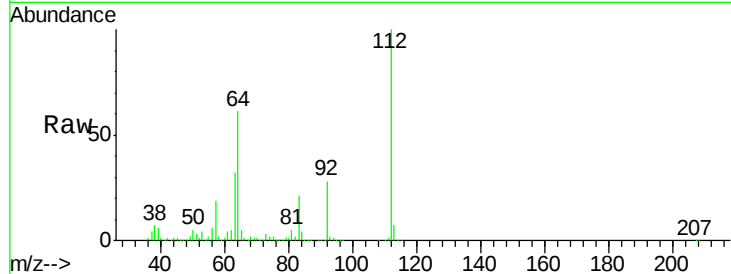
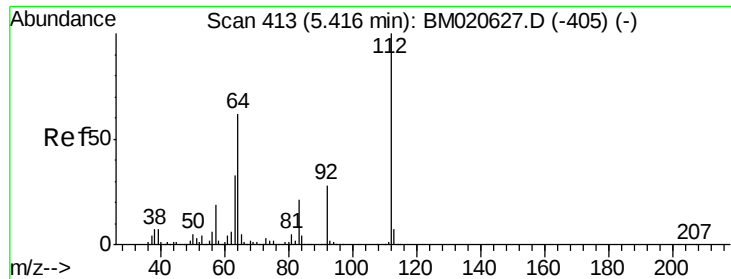
Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Tgt Ion:	42	Resp:	410958
Ion	Ratio	Lower	Upper
42	100		
74	124.7	99.4	149.0
44	6.6	5.8	8.8





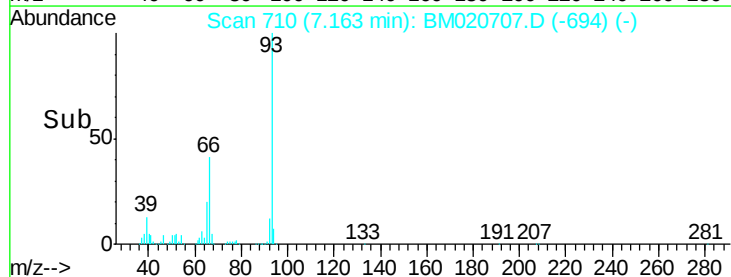
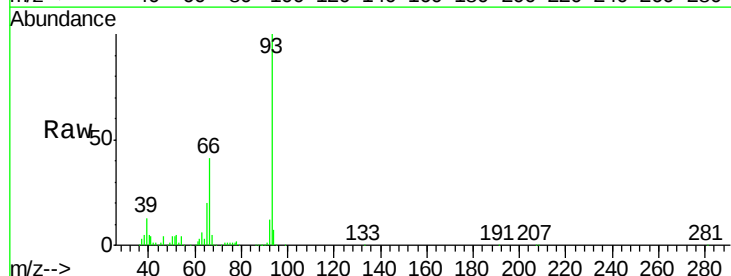
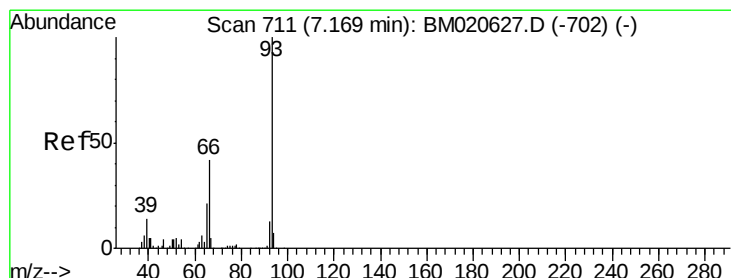
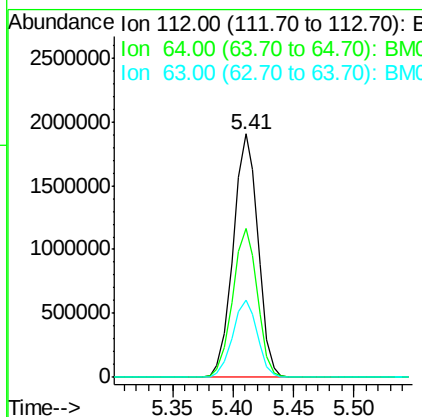
#5
2-Fluorophenol
Concen: 142.141 ng
RT: 5.41 min Scan# 412
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion: 112 Resp: 2726046
Ion Ratio Lower Upper
112 100
64 61.4 49.7 74.5
63 31.7 26.4 39.6

Instrument :
BNA_M
ClientSampled :
PB120243BS

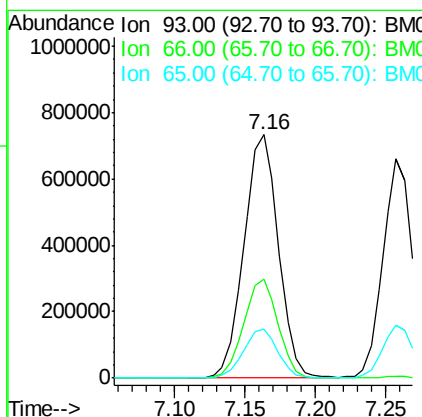
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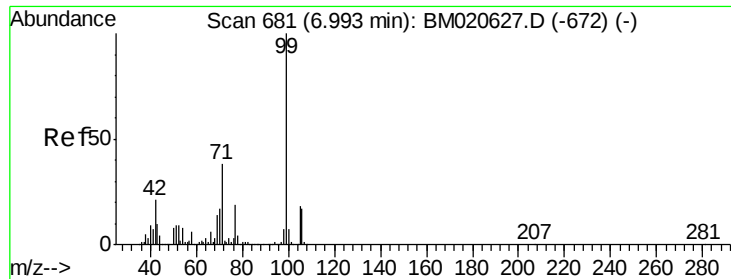
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#6
Aniline
Concen: 30.705 ng
RT: 7.16 min Scan# 710
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion: 93 Resp: 1254646
Ion Ratio Lower Upper
93 100
66 40.8 33.6 50.4
65 19.9 16.7 25.1





#7

Phenol-d6

Concen: 126.624 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

ClientSampled :

PB120243BS

Tgt Ion: 99 Resp: 3575801

Ion Ratio Lower Upper

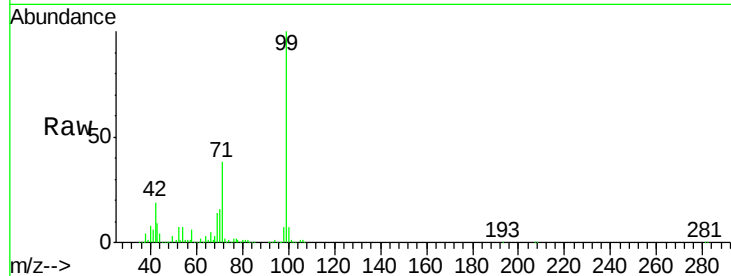
99 100

42 19.0 16.5 24.7

71 37.5 30.7 46.1

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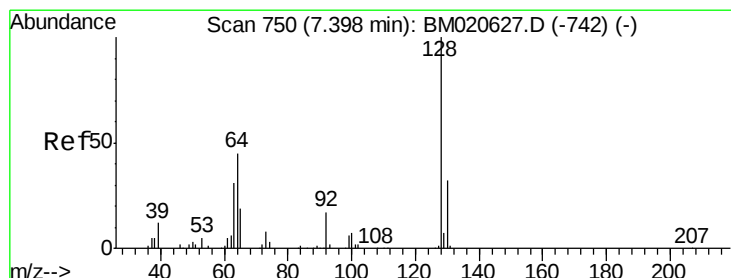
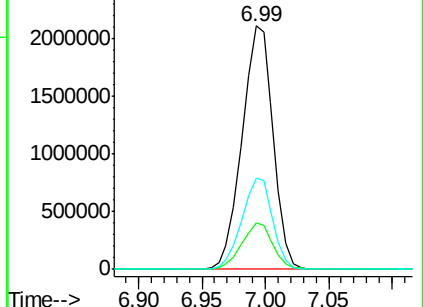
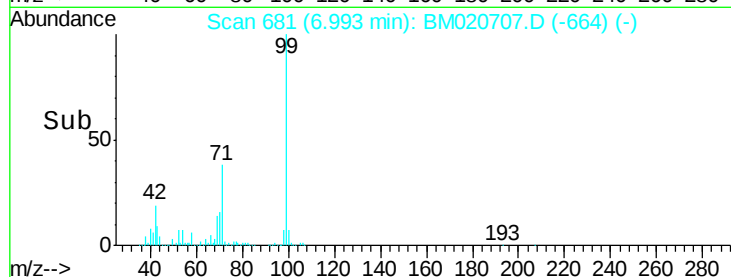
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Abundance Ion 99.00 (98.70 to 99.70): BM020707.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020707.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020707.D (-664) (-)



#8

2-Chlorophenol

Concen: 44.471 ng

RT: 7.39 min Scan# 749

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

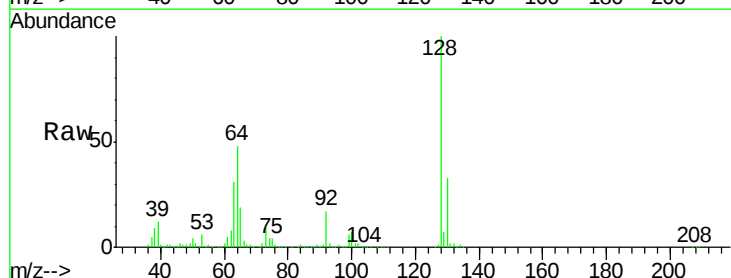
Tgt Ion: 128 Resp: 1061012

Ion Ratio Lower Upper

128 100

130 33.2 12.2 52.2

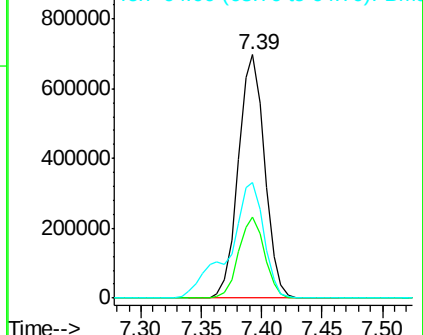
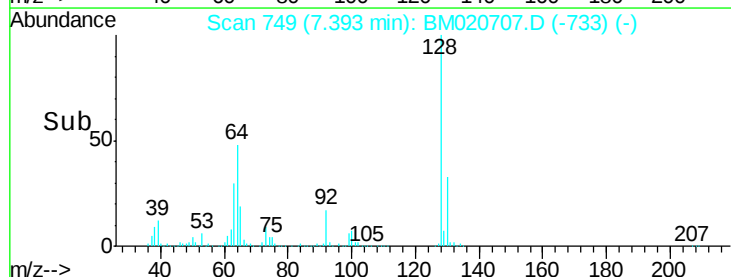
64 47.6 29.1 69.1

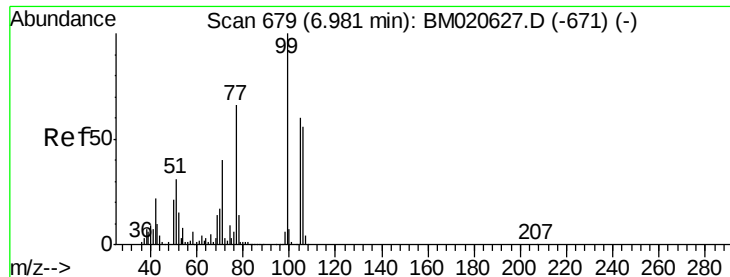


Abundance Ion 128.00 (127.70 to 128.70): BM020707.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020707.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020707.D (-733) (-)





#9

Benzaldehyde

Concen: 16.146 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

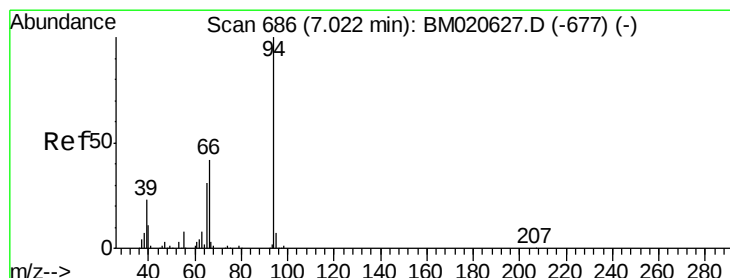
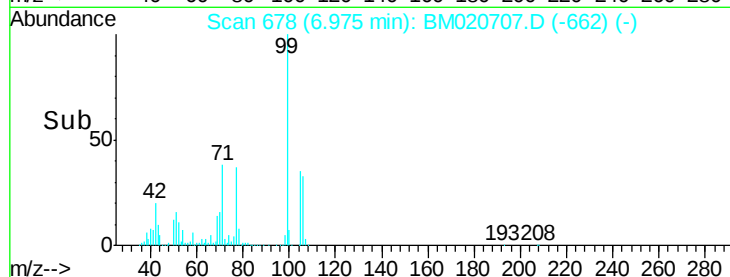
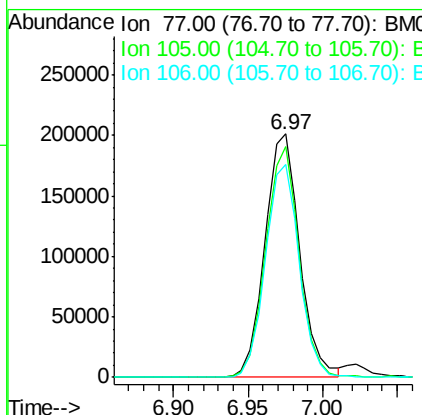
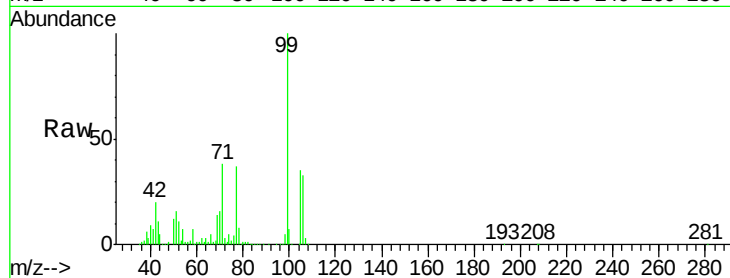
ClientSampleId :

PB120243BS

Tgt Ion:	77	Resp:	325322
Ion	Ratio	Lower	Upper
77	100		
105	94.6	70.6	110.6
106	87.7	64.9	104.9

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#10

Phenol

Concen: 42.809 ng

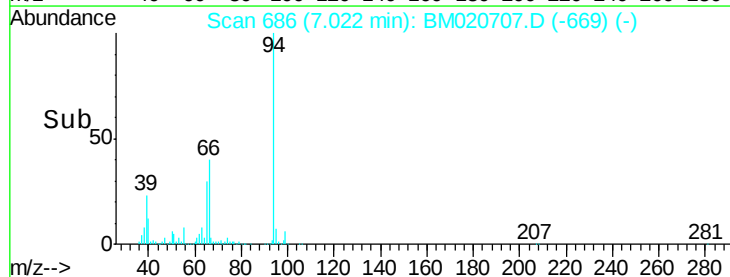
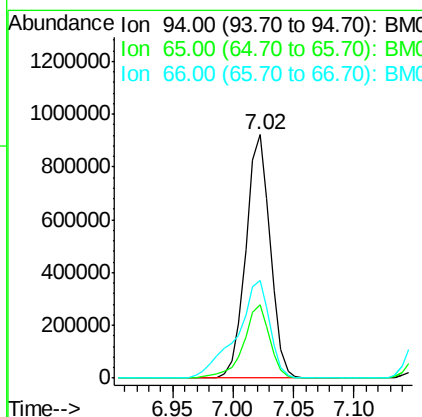
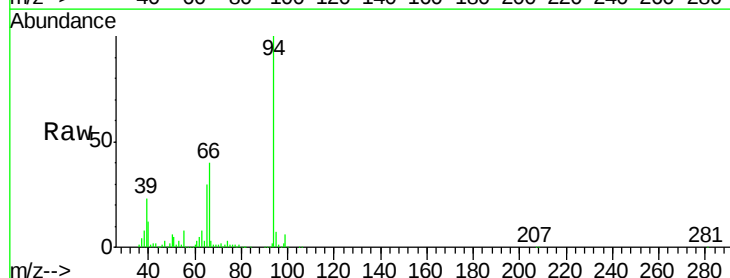
RT: 7.02 min Scan# 686

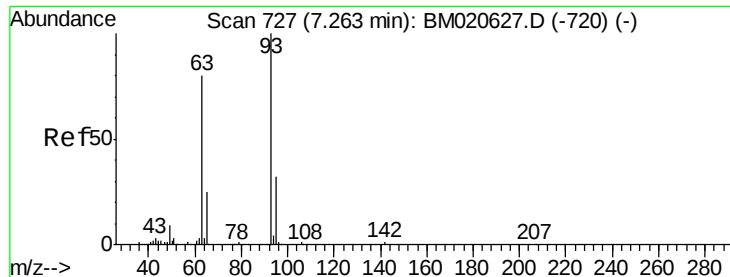
Delta R.T. 0.00 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Tgt Ion:	94	Resp:	1302772
Ion	Ratio	Lower	Upper
94	100		
65	29.9	10.7	50.7
66	40.2	22.3	62.3





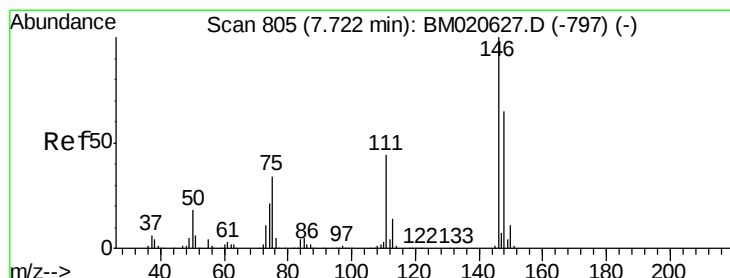
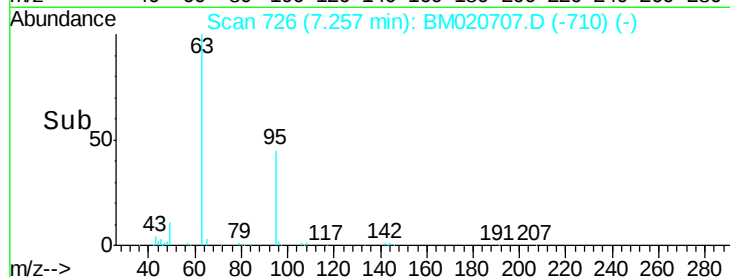
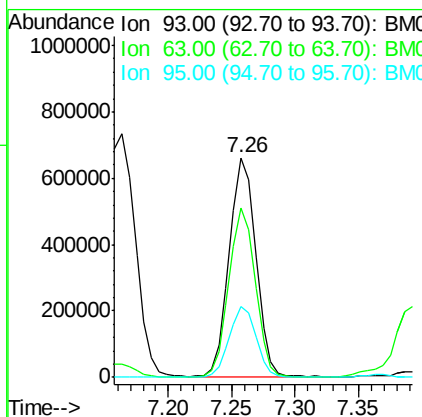
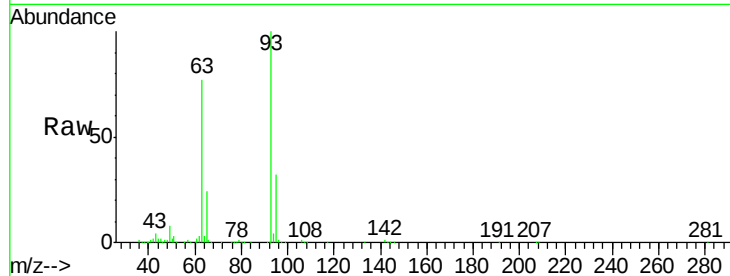
#11
bis(2-Chloroethyl)ether
Concen: 39.443 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleID :
PB120243BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	956609		
63	77.2	60.0	100.0	
95	32.0	12.2	52.2	

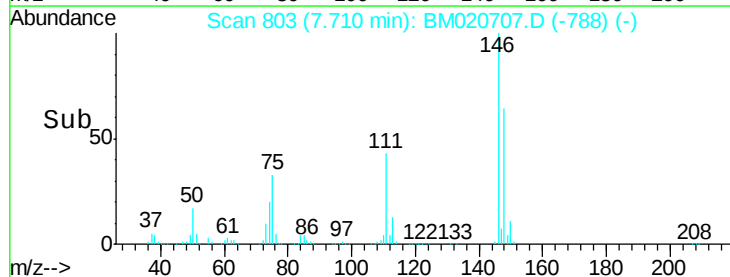
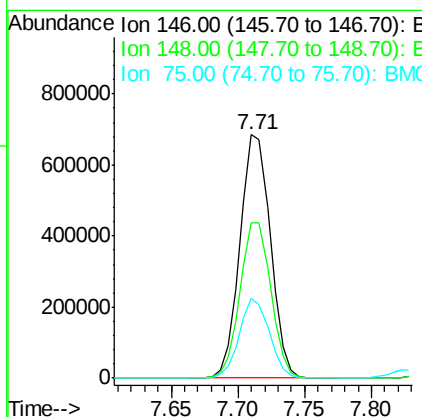
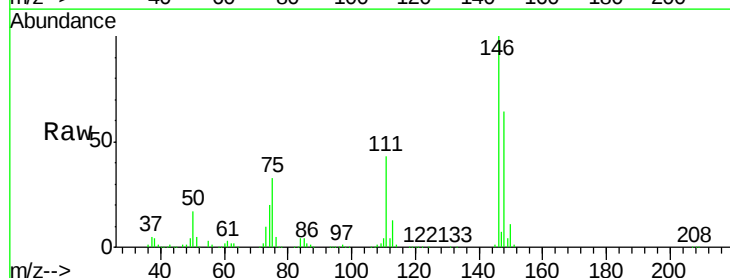
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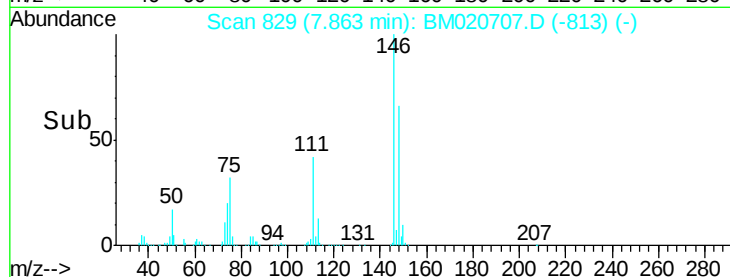
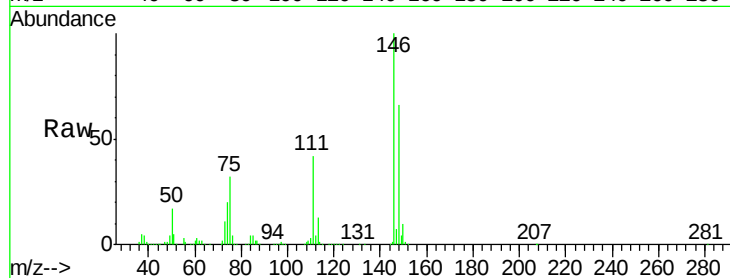
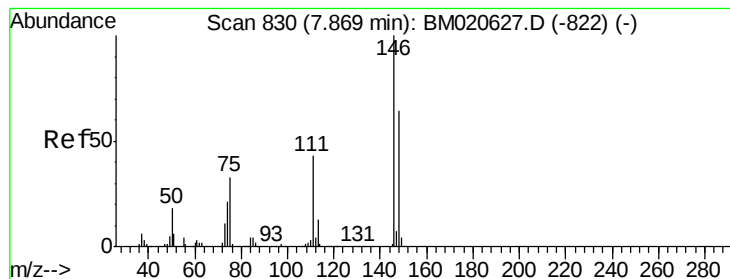
mohammad
6/5/2019 3:41:26 PM



#12
1,3-Dichlorobenzene
Concen: 39.487 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	1082759		
148	63.8	52.0	78.0	
75	32.5	27.0	40.4	





#13

1,4-Dichlorobenzene

Concen: 39.774 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Tgt Ion:	146	Resp:	1108748
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.0	76.4
111	42.0	34.4	51.6

Instrument :

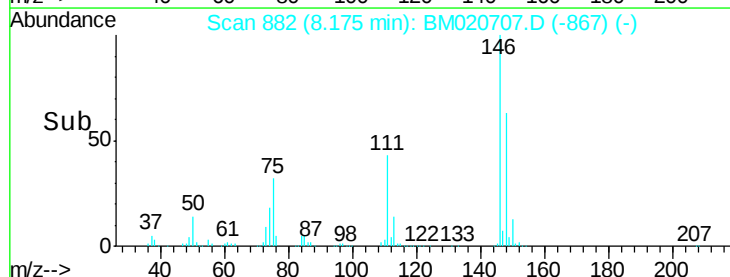
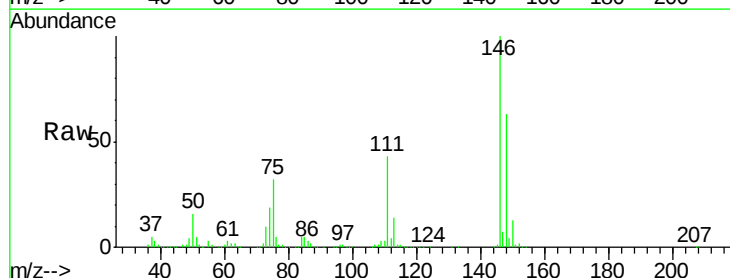
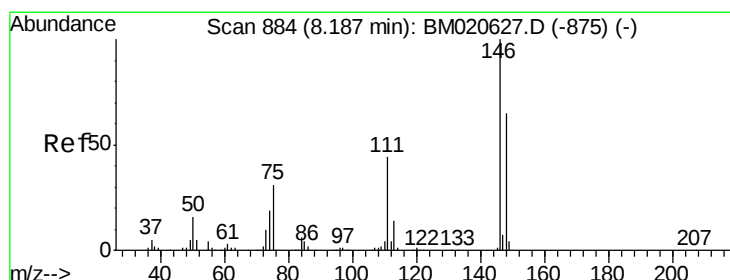
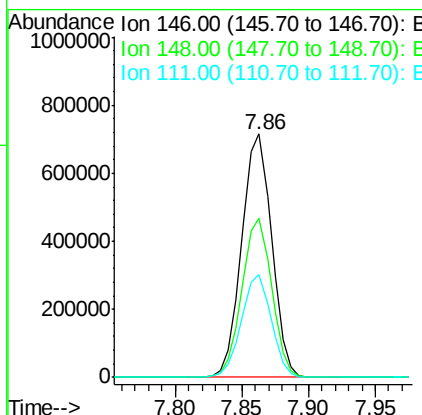
BNA_M

ClientSampleId :

PB120243BS

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#14

1,2-Dichlorobenzene

Concen: 39.580 ng

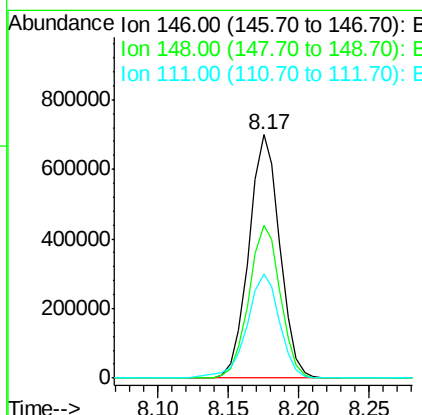
RT: 8.17 min Scan# 882

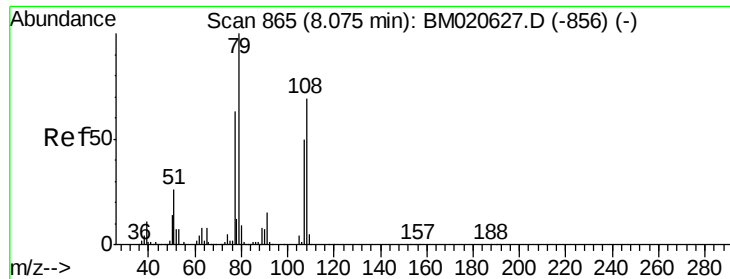
Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Tgt Ion:	146	Resp:	1073719
Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.8	77.8
111	42.9	35.1	52.7





#15

Benzyl Alcohol

Concen: 37.937 ng

RT: 8.07 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

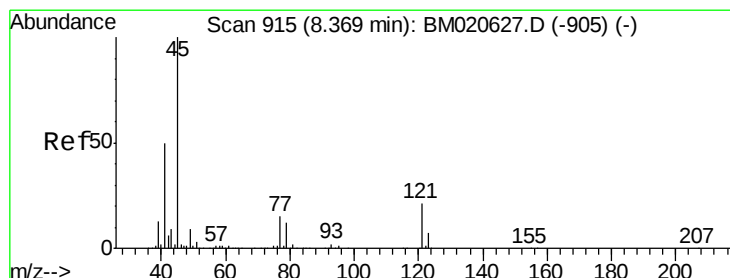
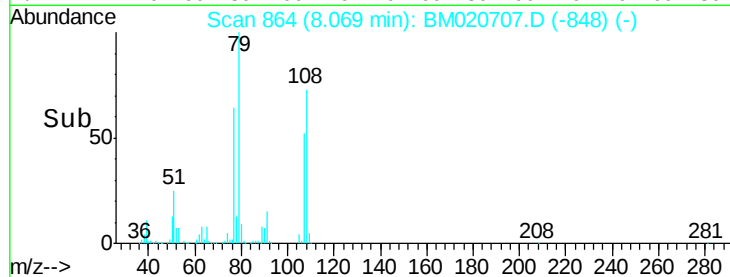
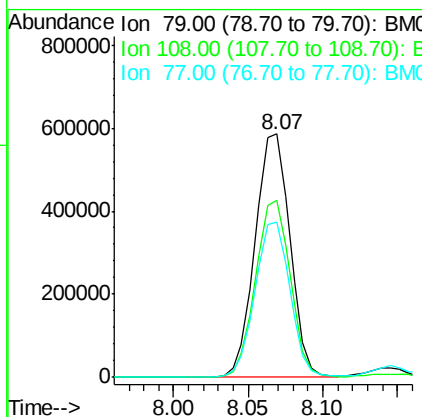
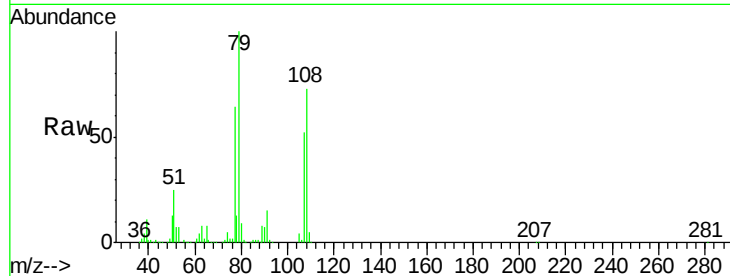
ClientSampleId :

PB120243BS

Tgt Ion:	79	Resp:	947764
Ion	Ratio	Lower	Upper
79	100		
108	72.5	54.9	82.3
77	63.9	50.2	75.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.451 ng

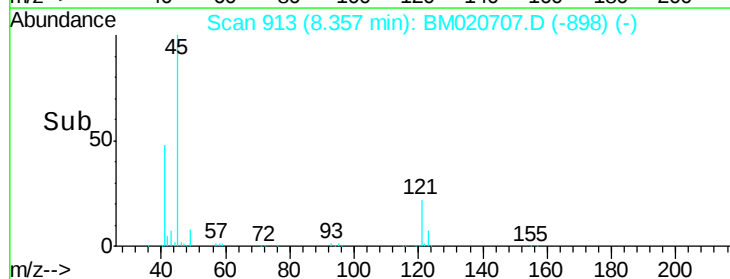
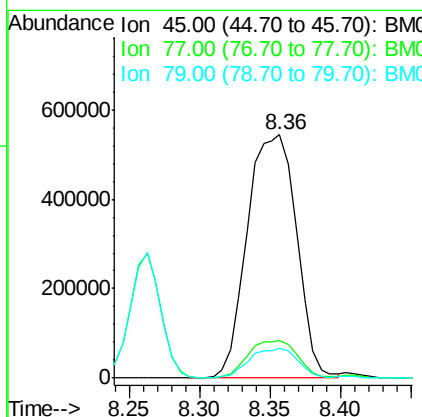
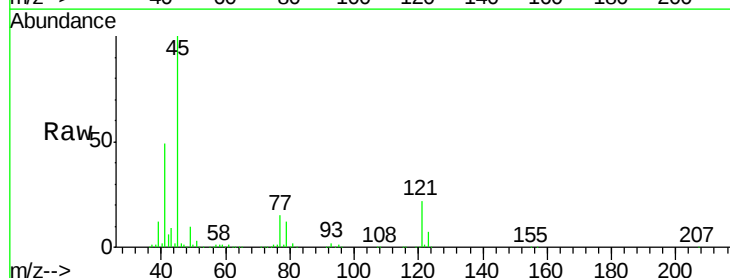
RT: 8.36 min Scan# 913

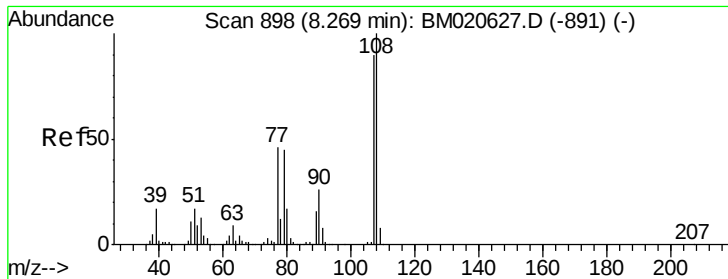
Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Tgt Ion:	45	Resp:	1327457
Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.9
79	12.4	0.0	31.8





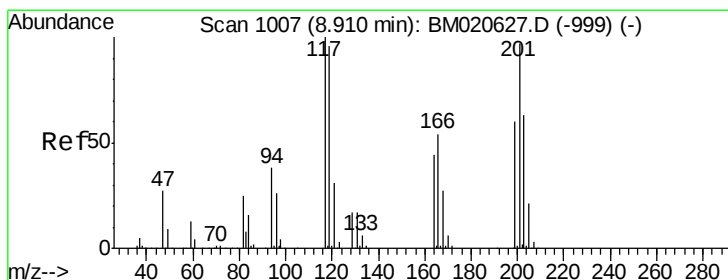
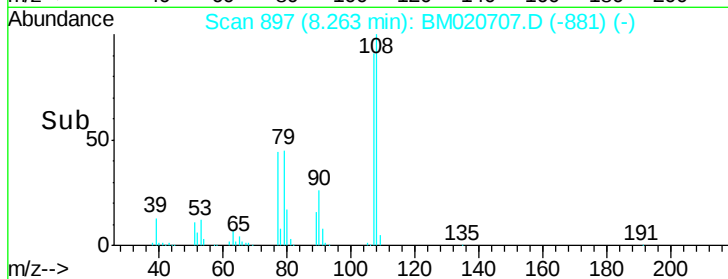
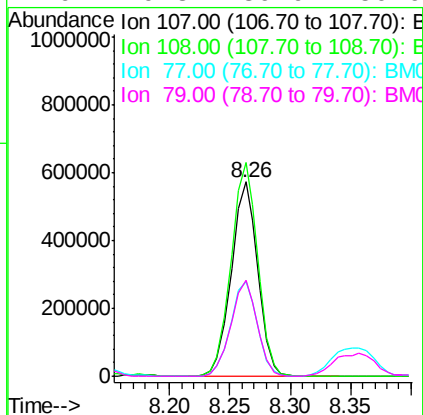
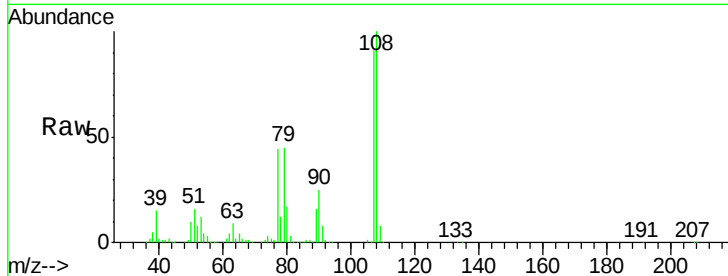
#17
2-Methylphenol
Concen: 40.677 ng
RT: 8.26 min Scan# 897
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	870467		
108	110.0	88.6	133.0	
77	48.9	40.6	61.0	
79	49.3	39.9	59.9	

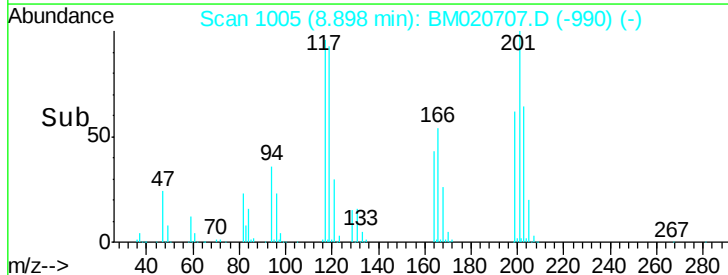
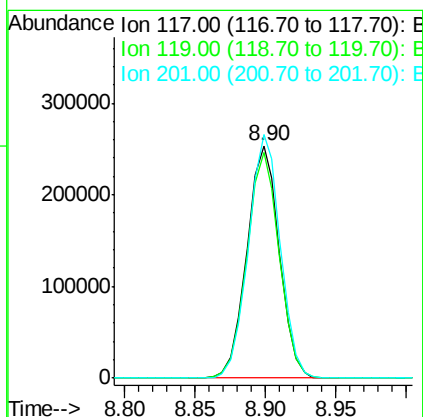
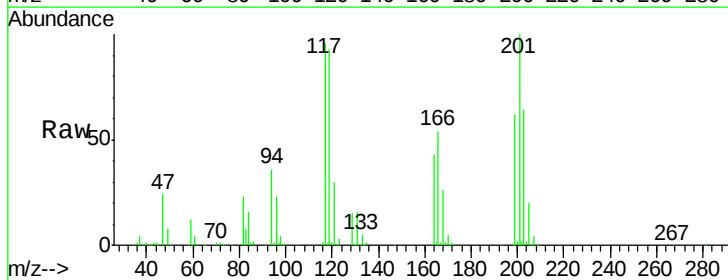
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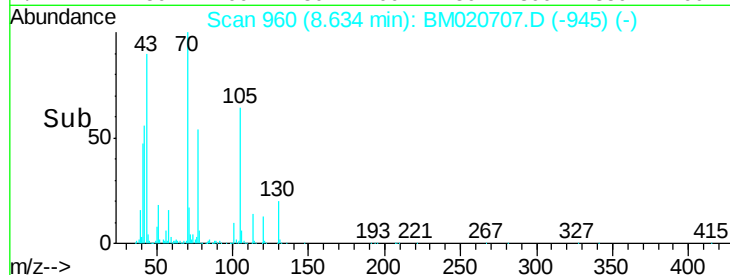
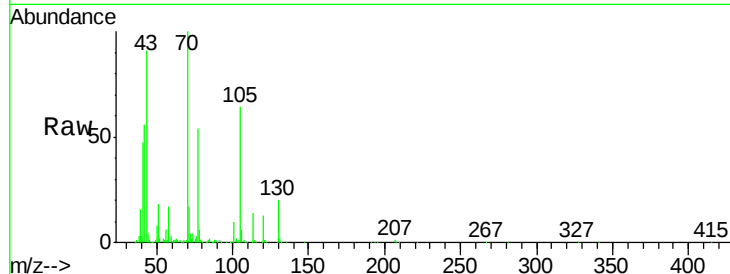
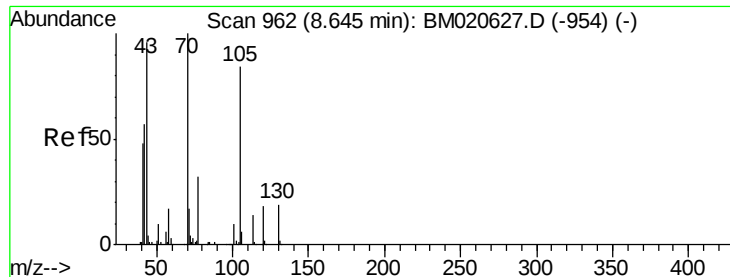
mohammad
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#18
Hexachloroethane
Concen: 38.190 ng
RT: 8.90 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	407587		
119	97.3	76.7	115.1	
201	104.6	77.9	116.9	





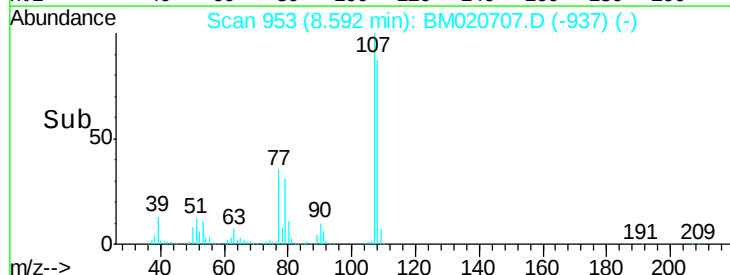
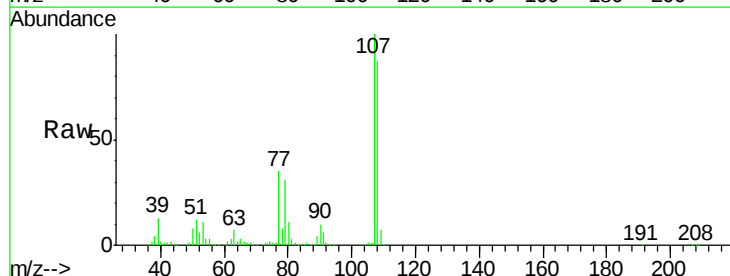
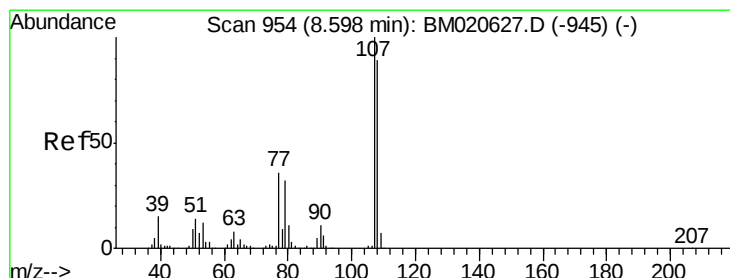
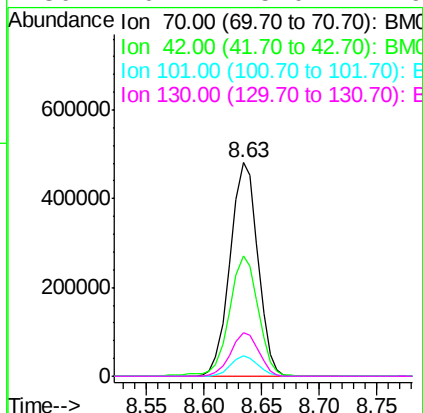
#19
n-Nitroso-di-n-propylamine
Concen: 35.335 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

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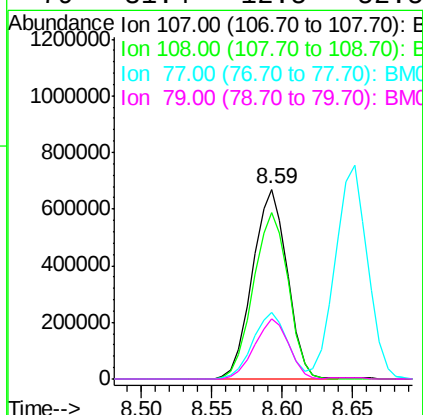
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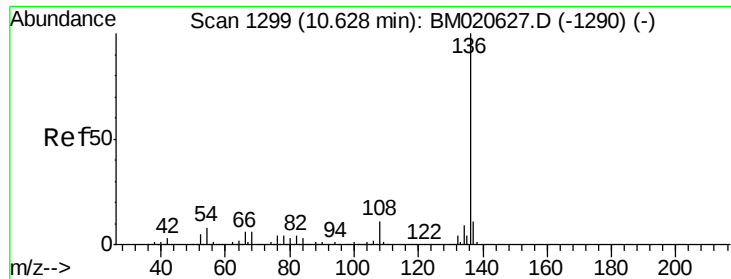
Tgt Ion	Ratio	Lower	Upper
70	100		
42	56.4	46.8	70.2
101	9.8	7.8	11.6
130	20.2	15.0	22.6



#20
3+4-Methylphenols
Concen: 39.942 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	69.2	109.2
77	35.1	16.2	56.2
79	31.4	12.5	52.5





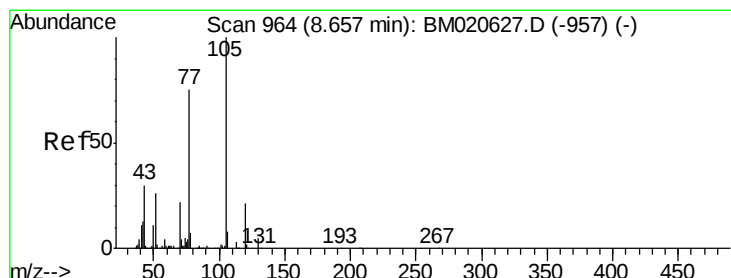
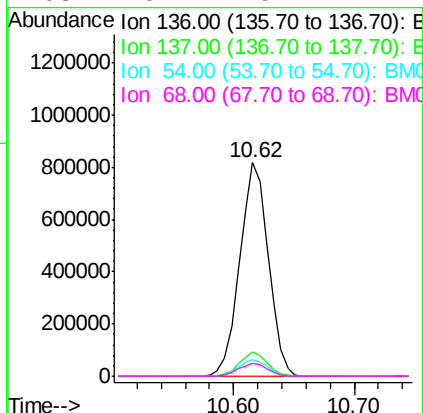
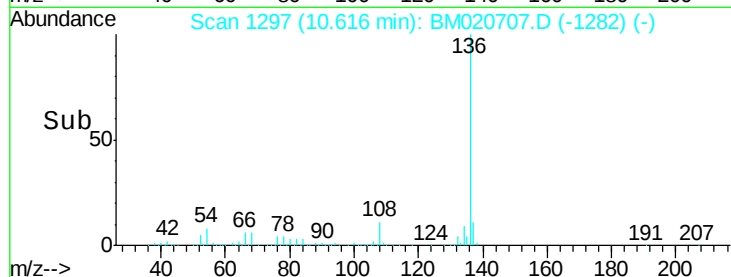
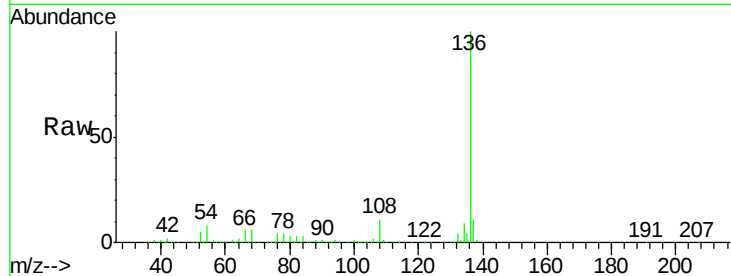
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.8	6.6	10.0
68	6.2	5.1	7.7

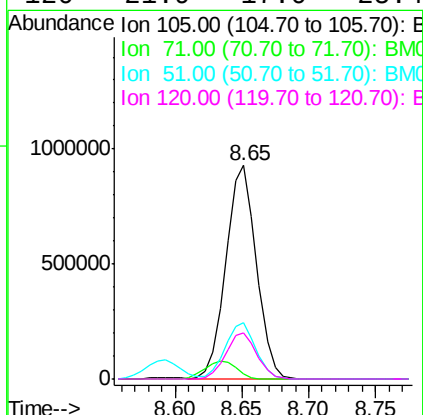
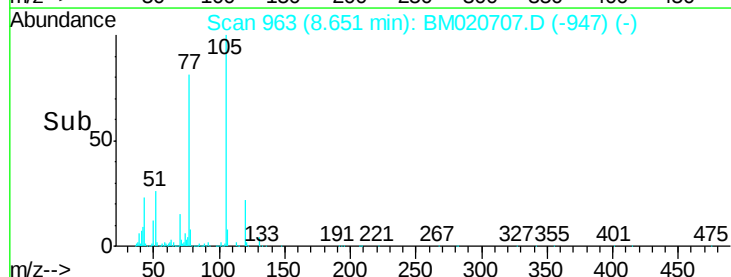
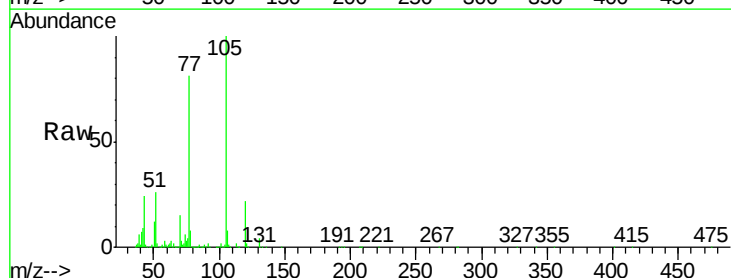
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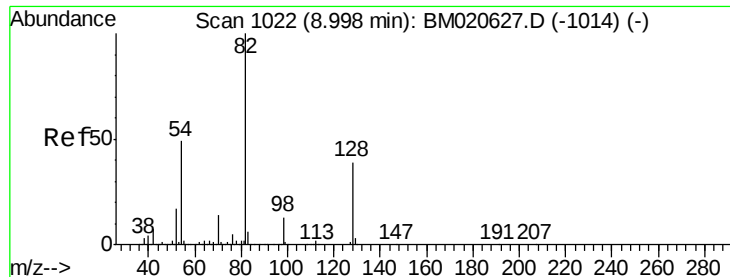
mohammad
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#22
Acetophenone
Concen: 43.237 ng
RT: 8.65 min Scan# 963
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.6	3.2	4.8#
51	26.1	22.8	34.2
120	21.9	17.0	25.4





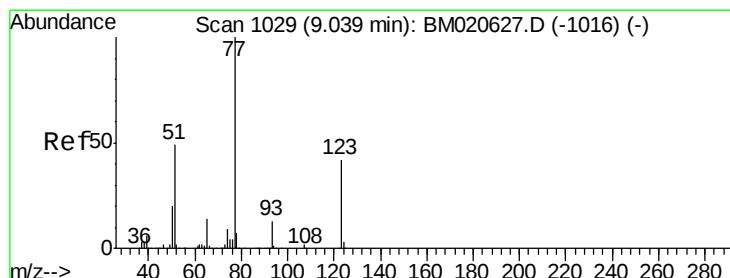
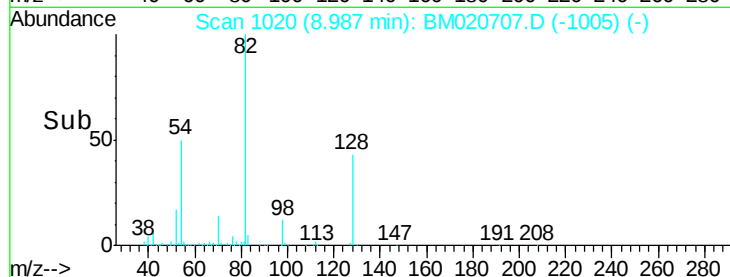
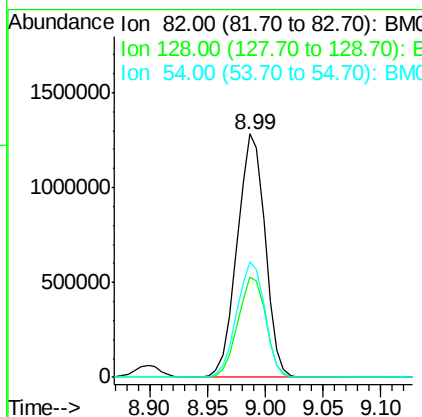
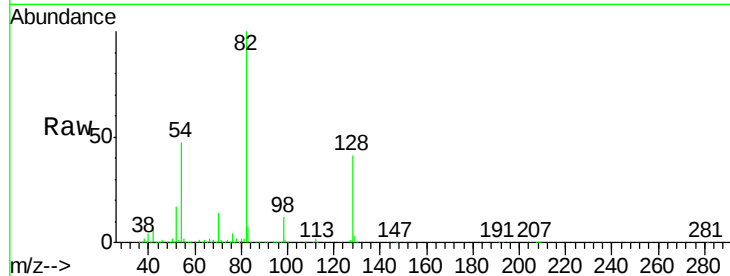
#23
 Nitrobenzene-d5
 Concen: 82.702 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.3	31.5	47.3
54	47.5	39.4	59.0

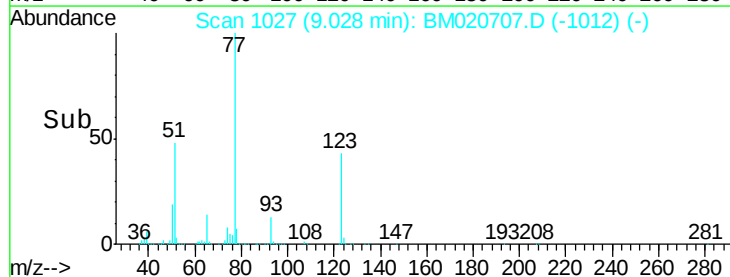
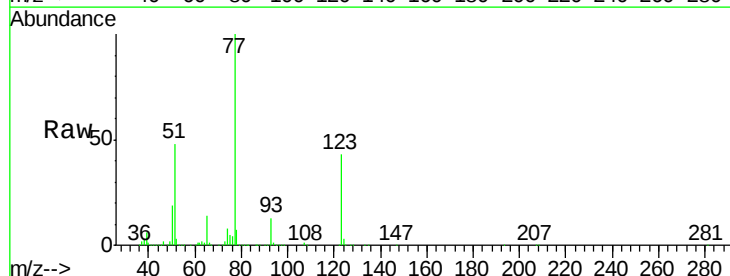
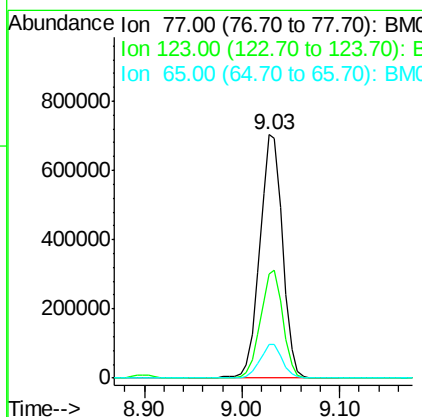
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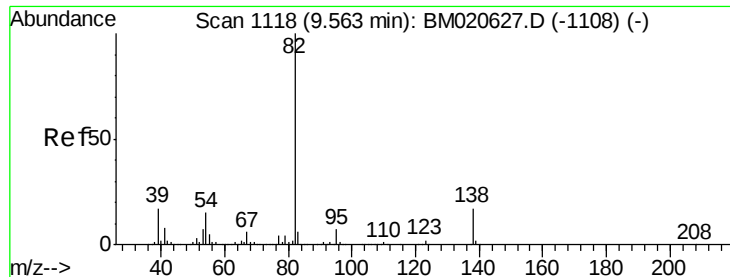
mohammad
 6/5/2019 3:41:26 PM



#24
 Nitrobenzene
 Concen: 43.475 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	33.7	50.5
65	13.9	11.0	16.6





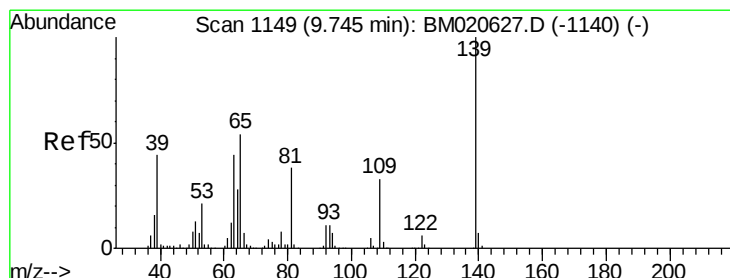
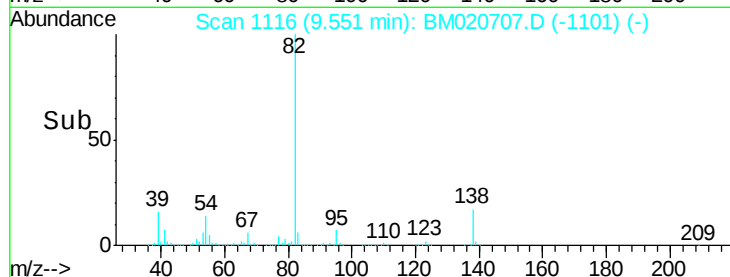
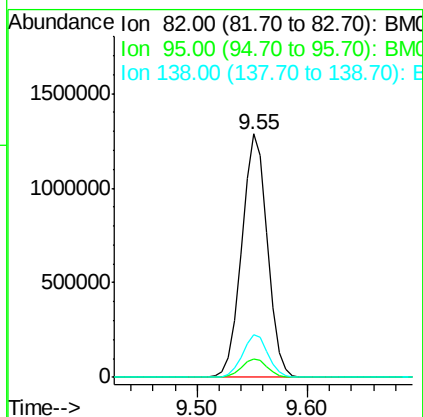
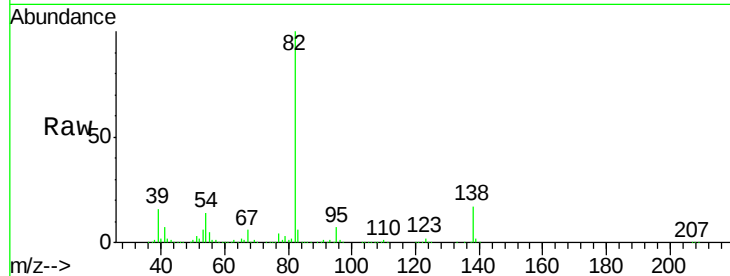
#25
Isophorone
Concen: 40.451 ng
RT: 9.55 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion: 82 Resp: 2095103
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 17.3 13.8 20.8

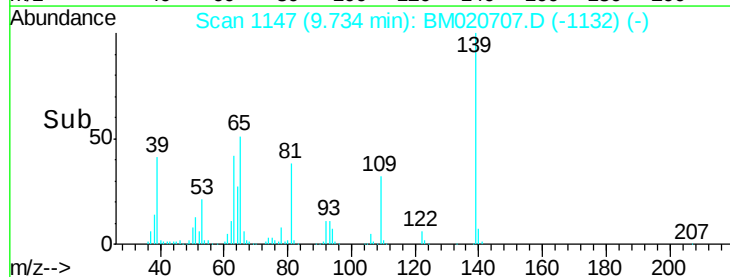
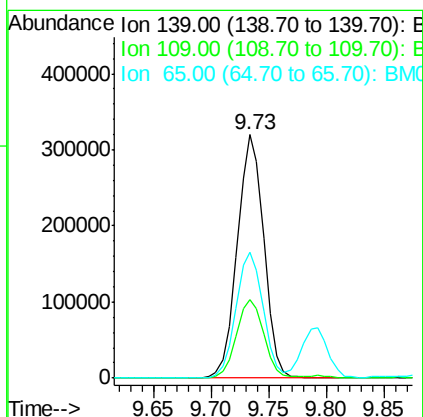
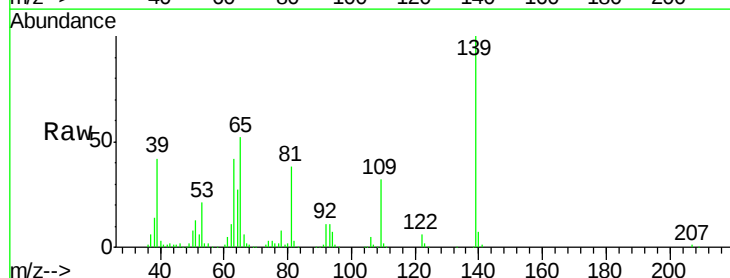
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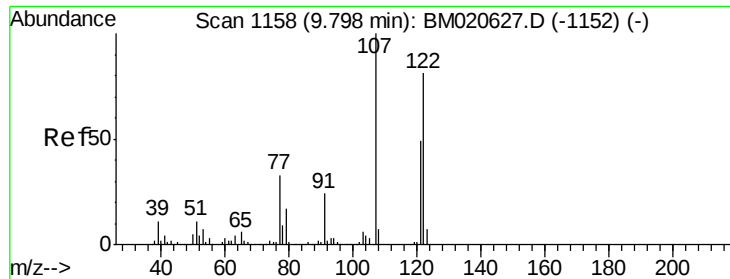
mohammad
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#26
2-Nitrophenol
Concen: 51.331 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion: 139 Resp: 508523
Ion Ratio Lower Upper
139 100
109 32.5 26.1 39.1
65 51.5 43.4 65.0





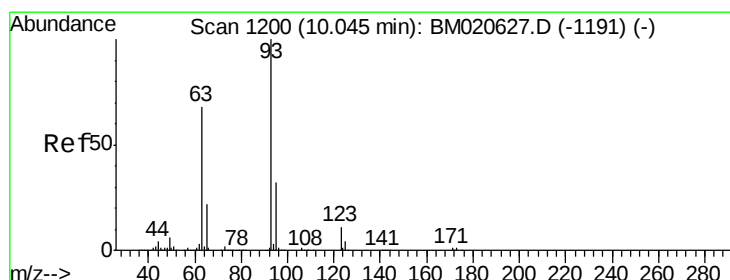
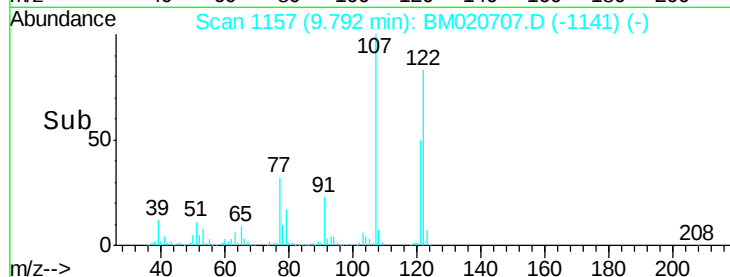
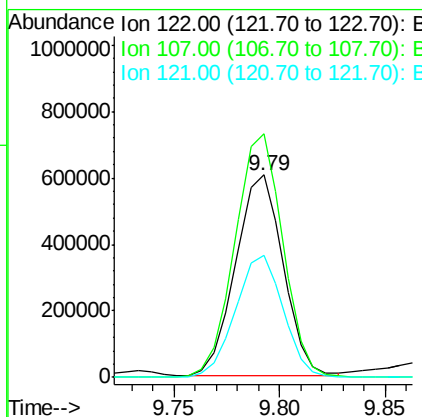
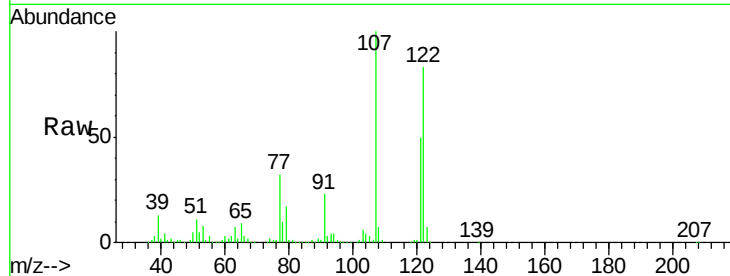
#27
2,4-Dimethylphenol
Concen: 50.665 ng
RT: 9.79 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	940516		
107	120.4	98.0	147.0	
121	60.2	48.2	72.4	

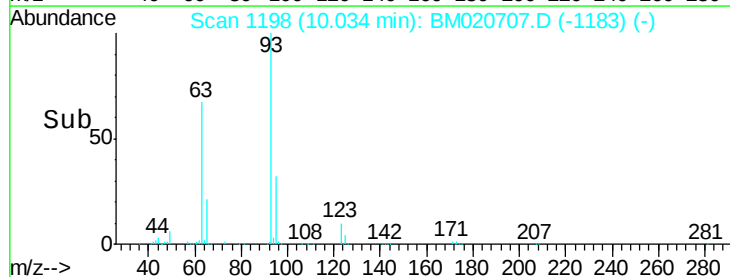
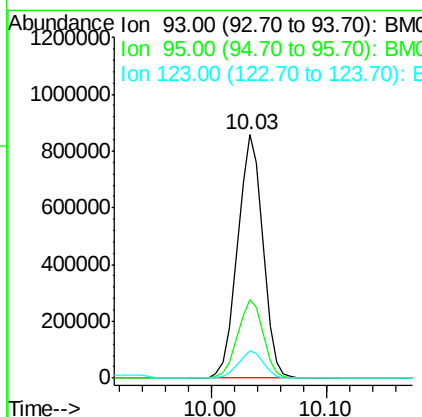
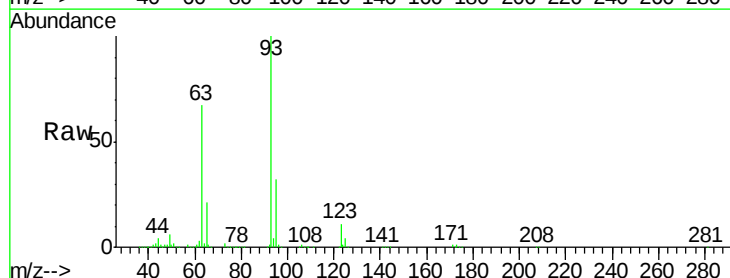
Manual Integrations
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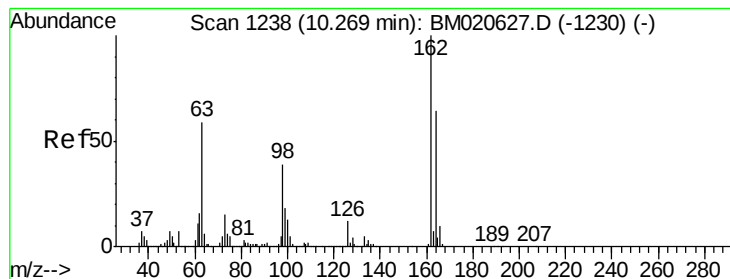
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.487 ng
RT: 10.03 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1299221		
95	32.5	25.8	38.6	
123	11.0	9.0	13.6	





#29

2,4-Dichlorophenol

Concen: 46.920 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

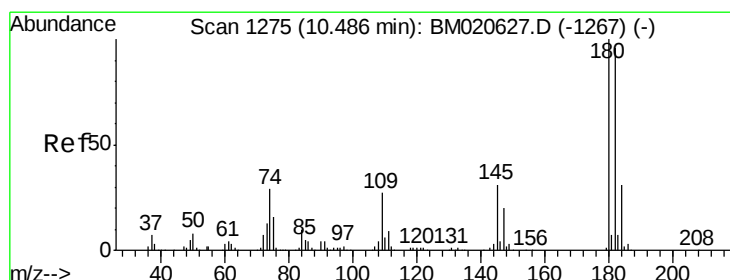
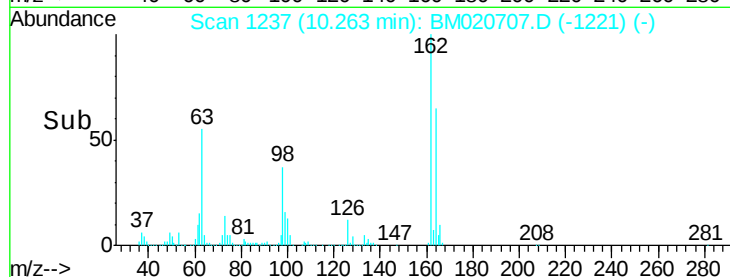
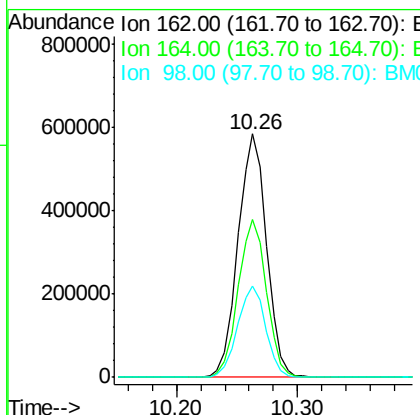
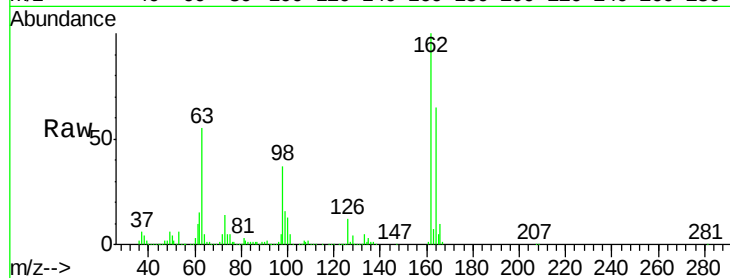
ClientSampleId :

PB120243BS

Tgt Ion:	162	Resp:	963661
Ion Ratio	Lower	Upper	
162	100		
164	64.9	43.8	83.8
98	37.3	19.1	59.1

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#30

1,2,4-Trichlorobenzene

Concen: 44.066 ng

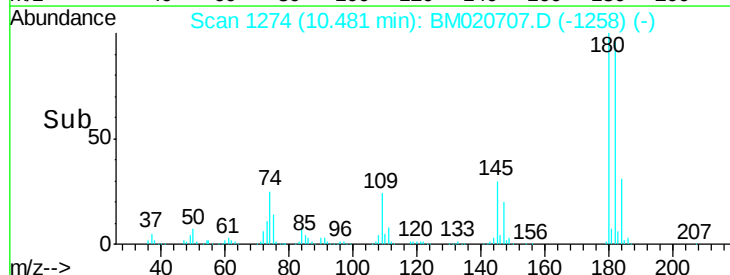
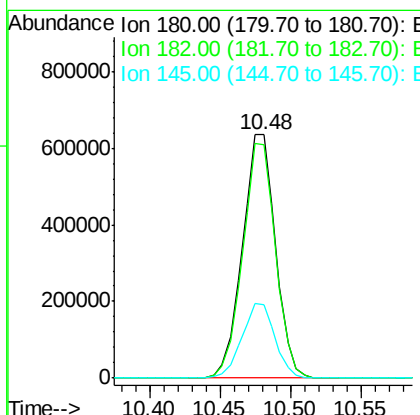
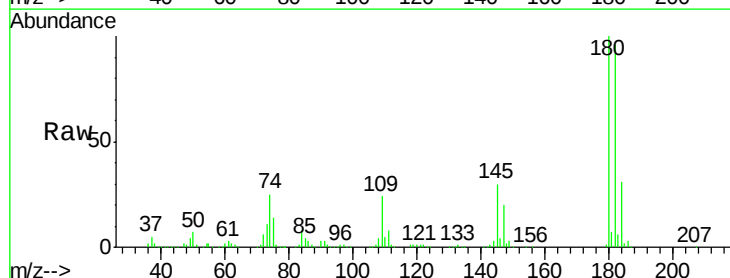
RT: 10.48 min Scan# 1274

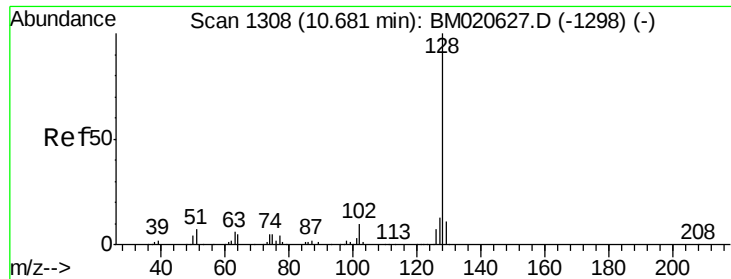
Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Tgt Ion:	180	Resp:	1040657
Ion Ratio	Lower	Upper	
180	100		
182	95.6	77.0	115.6
145	30.1	25.0	37.4





#31

Naphthalene

Concen: 43.651 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

ClientSampled :

PB120243BS

Tgt Ion:128 Resp: 3028268

Ion Ratio Lower Upper

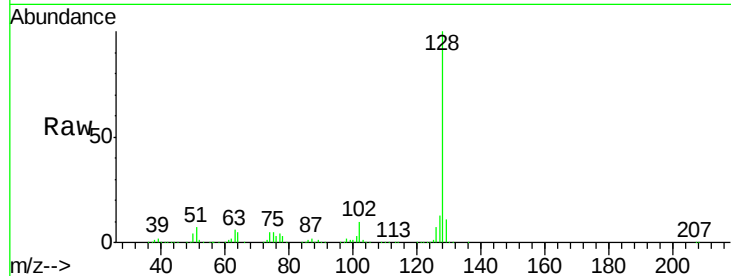
128 100

129 10.8 8.7 13.1

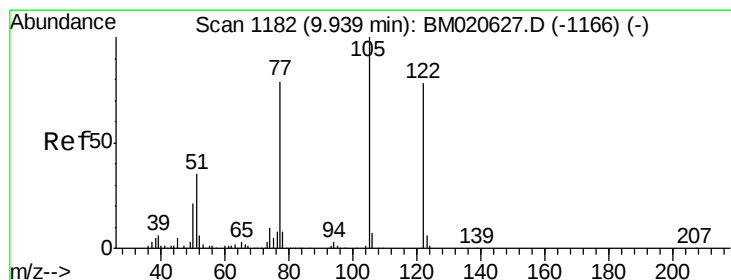
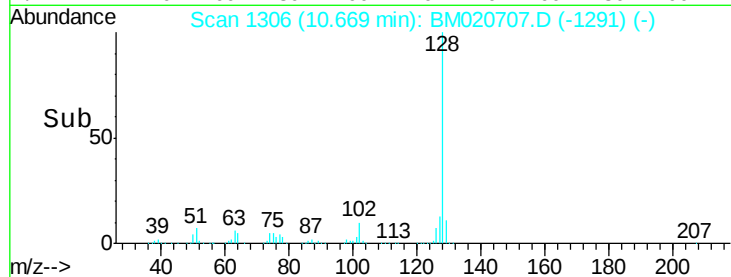
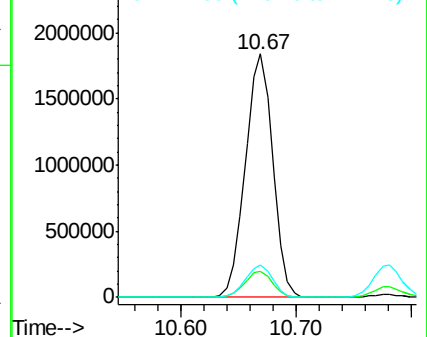
127 13.1 10.3 15.5

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Abundance Ion 128.00 (127.70 to 128.70): E
2500000
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.978 ng m

RT: 9.93 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

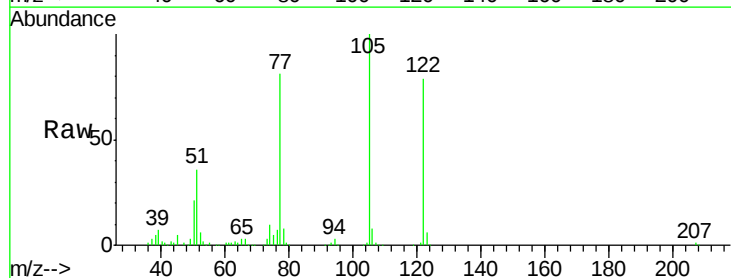
Tgt Ion:122 Resp: 521314

Ion Ratio Lower Upper

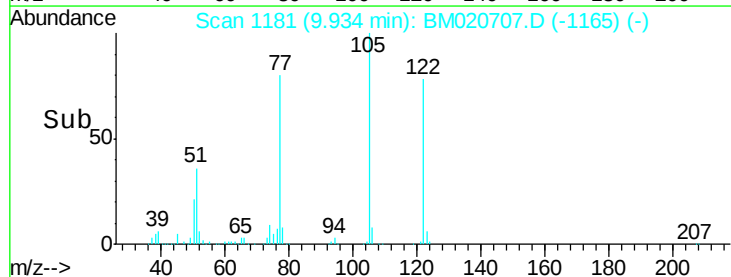
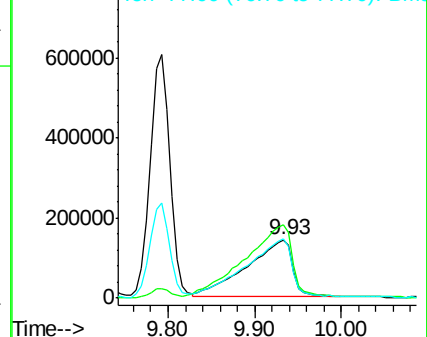
122 100

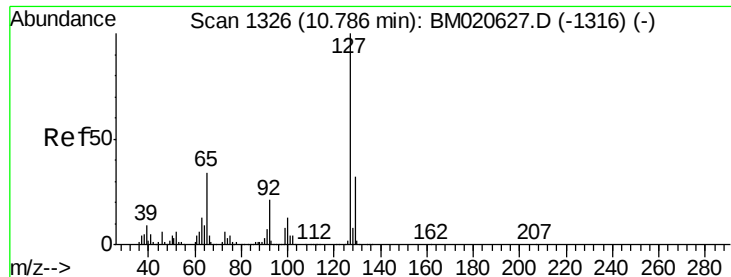
105 126.8 107.0 147.0

77 102.1 80.9 120.9



Abundance Ion 122.00 (121.70 to 122.70): E
800000
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM





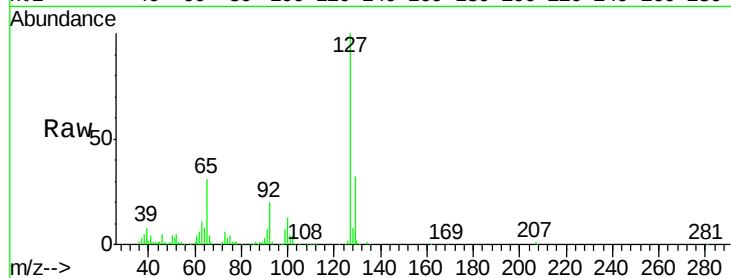
#33
4-Chloroaniline
Concen: 13.627 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

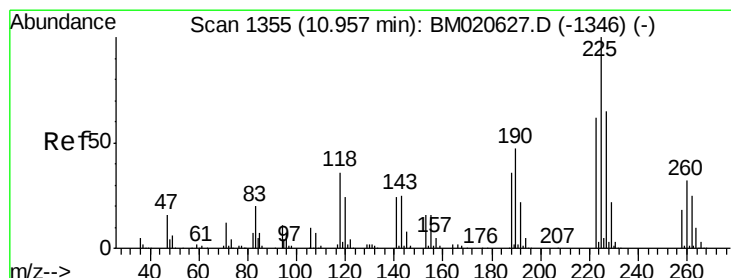
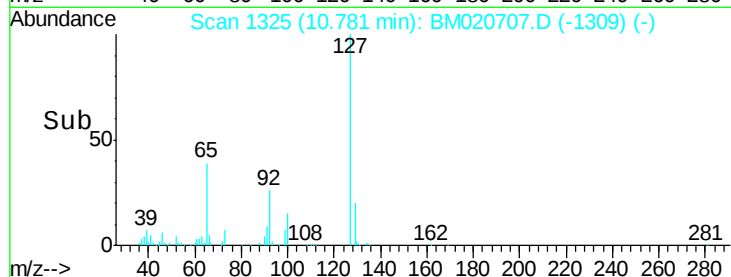
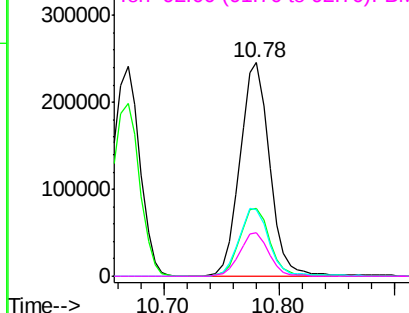
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	439969		
129	31.8	25.7	38.5	
65	31.2	27.4	41.0	
92	20.3	17.0	25.6	

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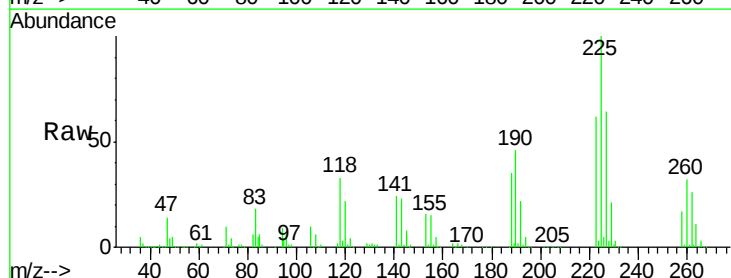


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

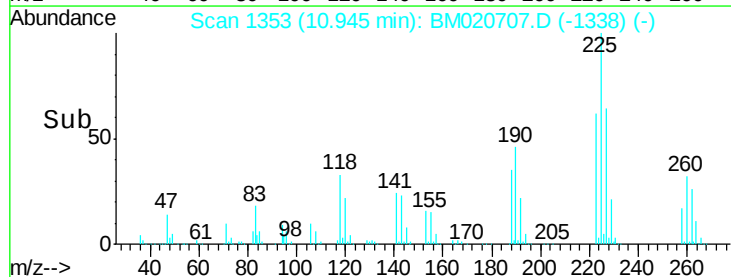
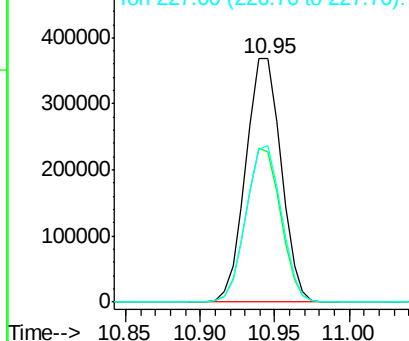


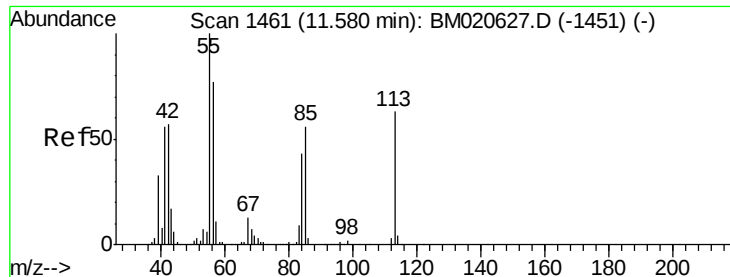
#34
Hexachlorobutadiene
Concen: 42.654 ng
RT: 10.95 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	604403		
223	61.8	49.7	74.5	
227	64.3	51.8	77.8	



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





#35

Caprolactam

Concen: 36.894 ng m

RT: 11.57 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

ClientSampleId :

PB120243BS

Tgt Ion:113 Resp: 263242

Ion Ratio Lower Upper

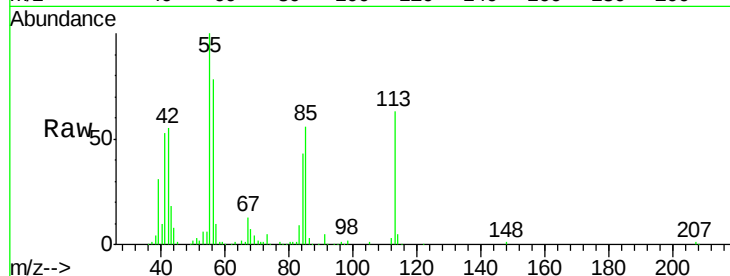
113 100

55 158.5 138.6 178.6

56 124.4 102.3 142.3

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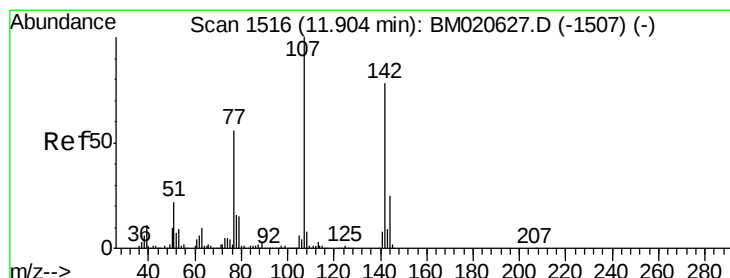
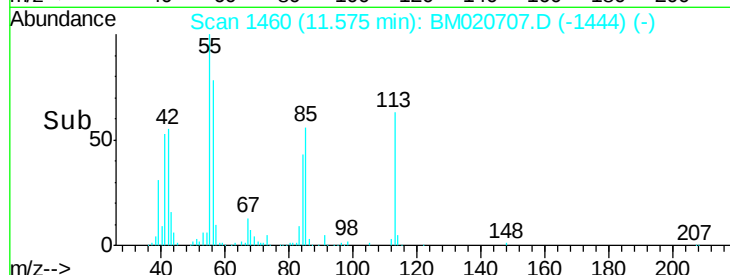
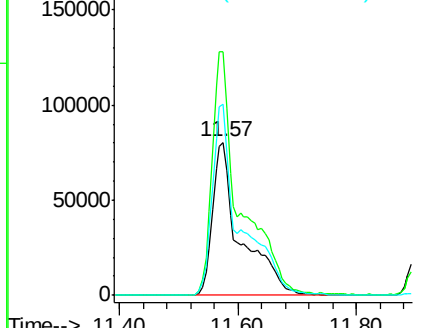
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 40.962 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

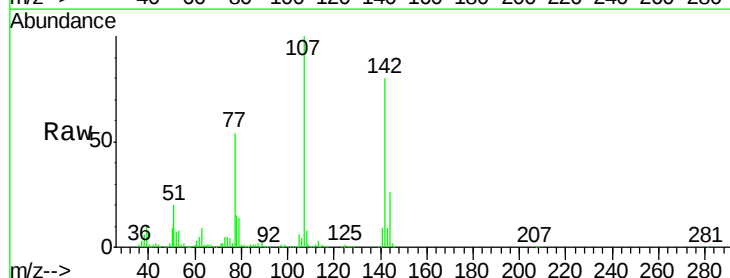
Tgt Ion:107 Resp: 978133

Ion Ratio Lower Upper

107 100

144 25.9 20.3 30.5

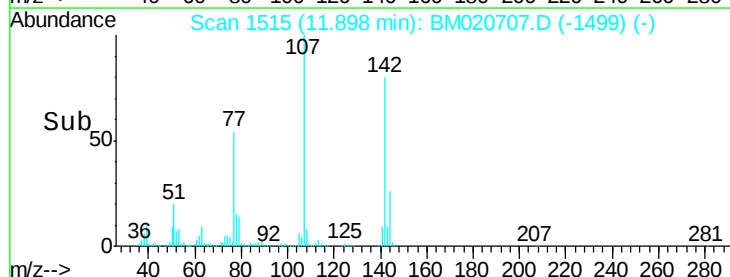
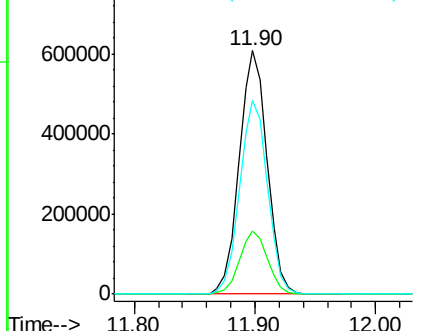
142 79.6 62.6 93.8

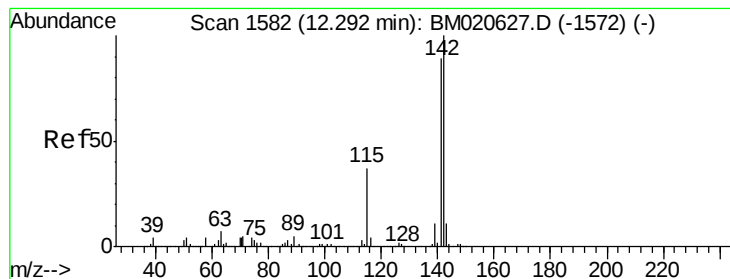


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.933 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

ClientSampleId :

PB120243BS

Tgt Ion:142 Resp: 2207688

Ion Ratio Lower Upper

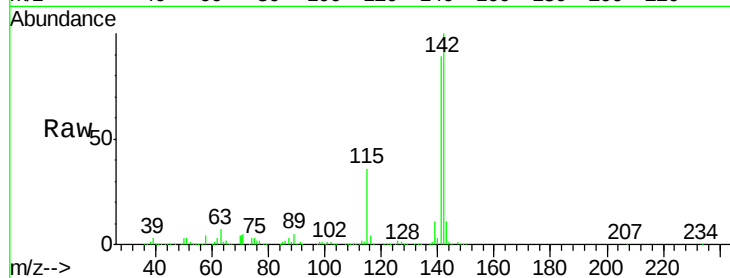
142 100

141 88.6 71.6 107.4

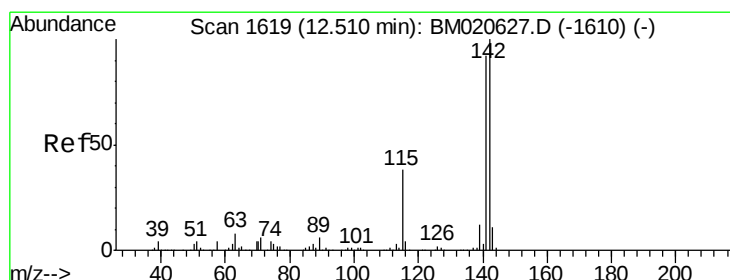
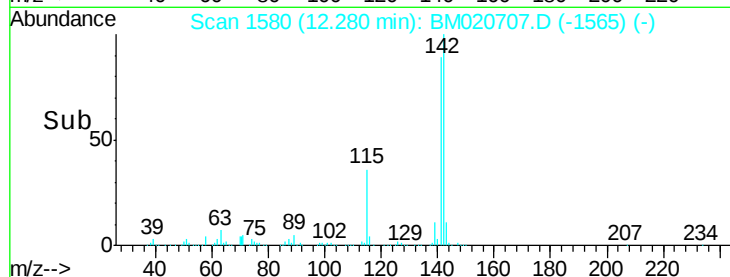
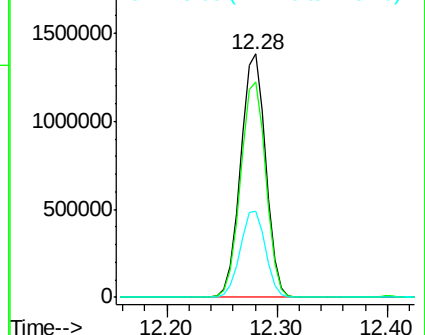
115 35.6 29.6 44.4

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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: 42.620 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

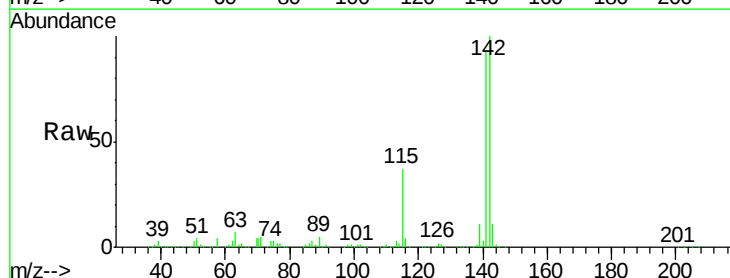
Tgt Ion:142 Resp: 2086785

Ion Ratio Lower Upper

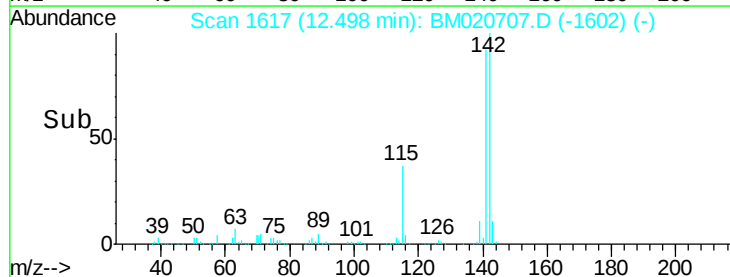
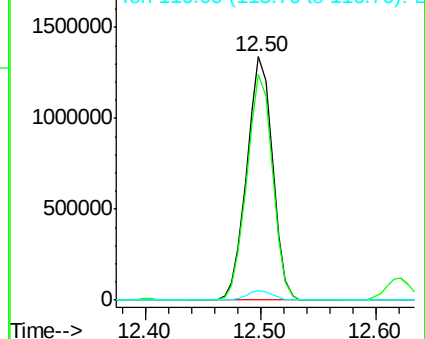
142 100

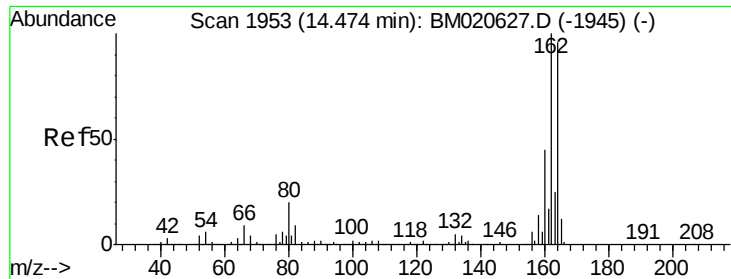
141 92.9 73.9 110.9

116 3.9 3.2 4.8



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





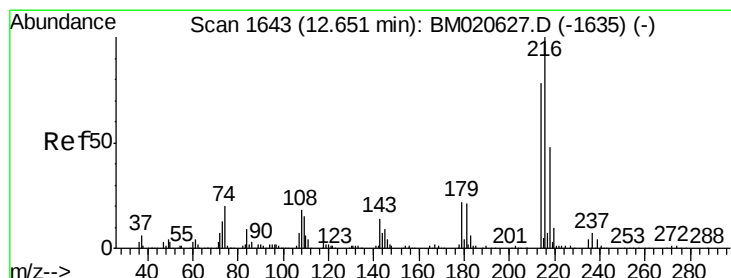
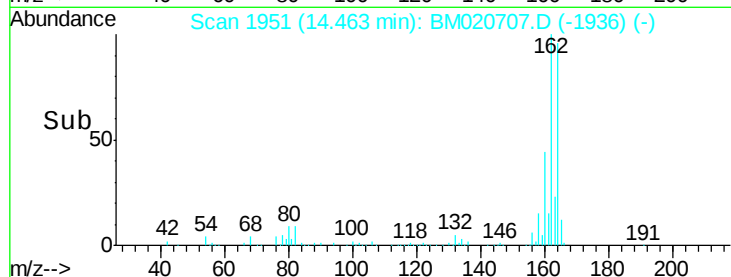
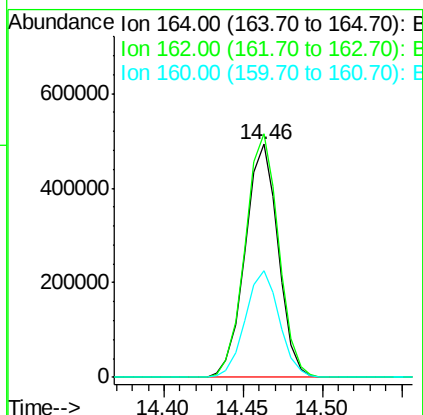
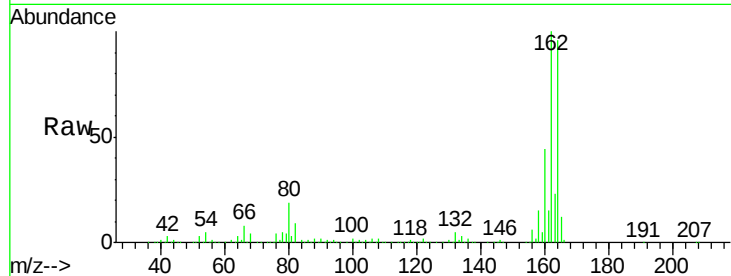
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.46 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.5	83.2	124.8	
160	45.9	37.5	56.3	

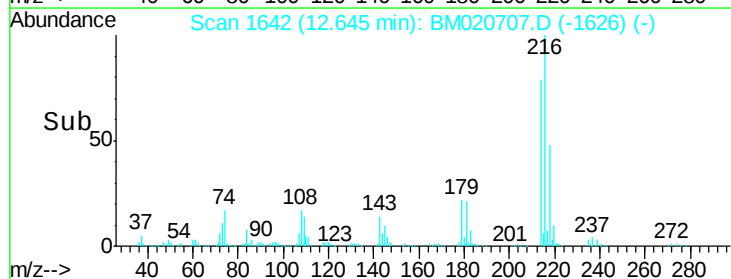
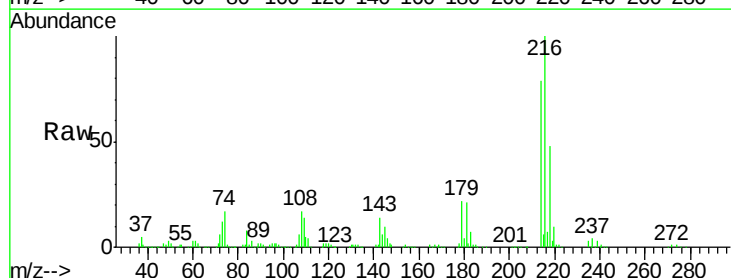
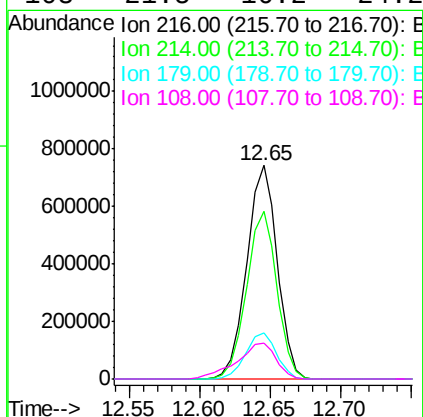
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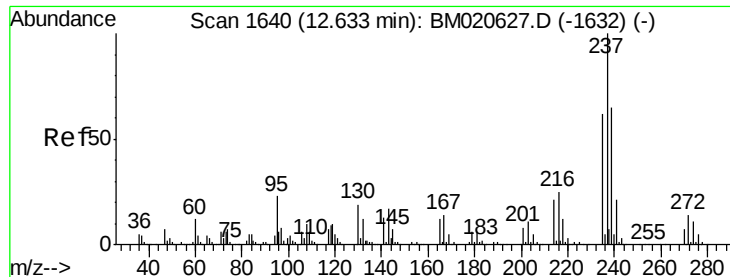
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.195 ng
RT: 12.65 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.3	63.0	94.4	
179	21.8	17.9	26.9	
108	21.5	16.2	24.2	





#41

Hexachlorocyclopentadiene

Concen: 104.374 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

ClientSampleId :

PB120243BS

Tgt Ion:237 Resp: 1458463

Ion Ratio Lower Upper

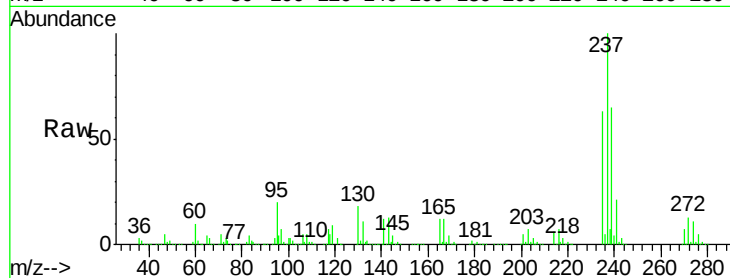
237 100

235 62.8 42.1 82.1

272 13.4 0.0 33.5

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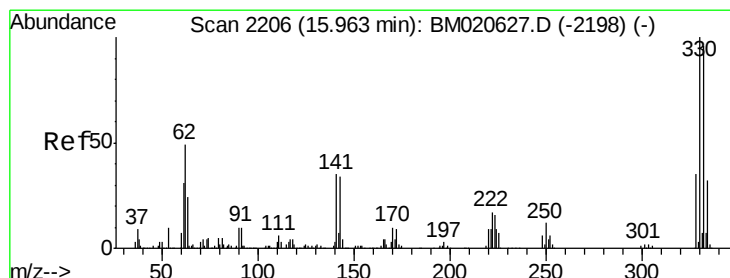
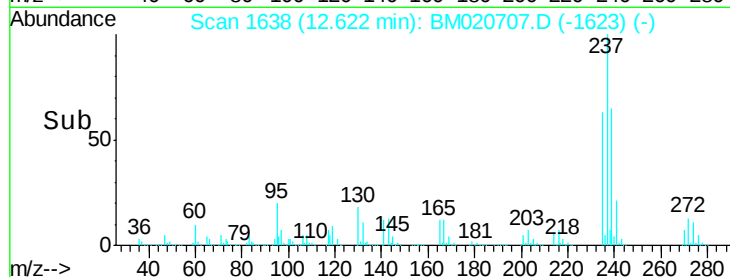
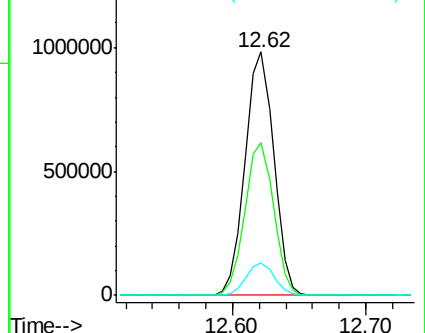
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Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 134.275 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

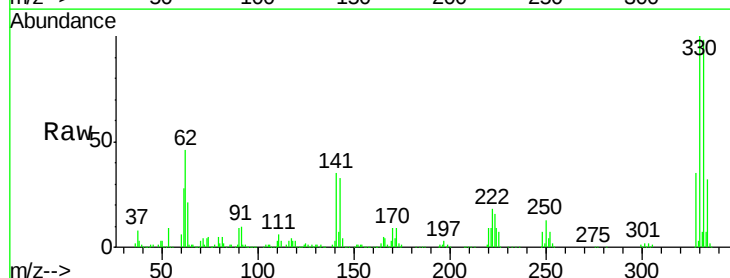
Tgt Ion:330 Resp: 1186103

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.0

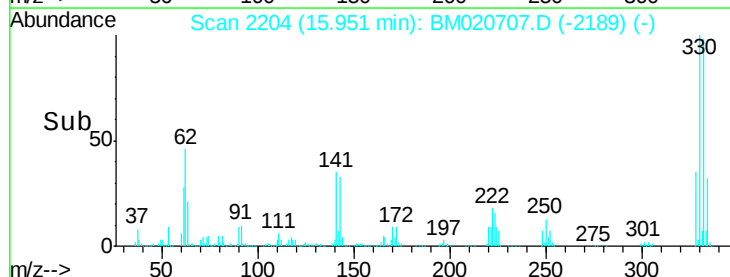
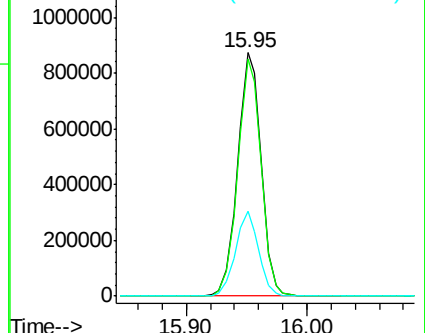
141 34.4 30.4 45.6

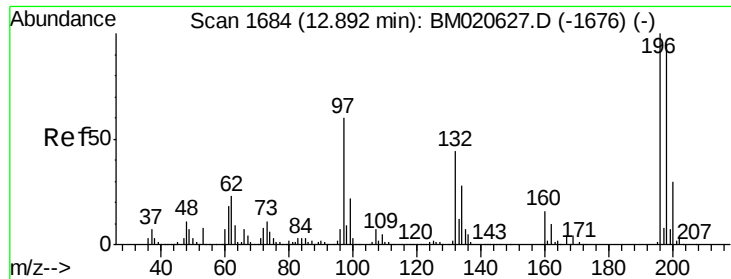


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





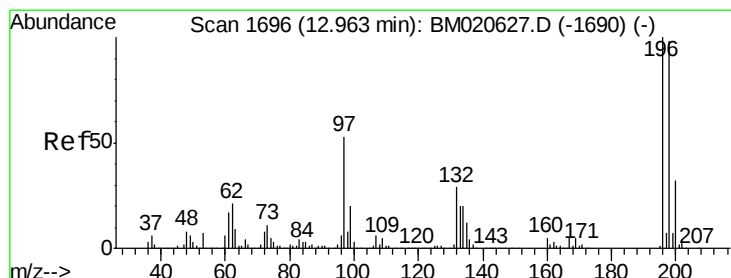
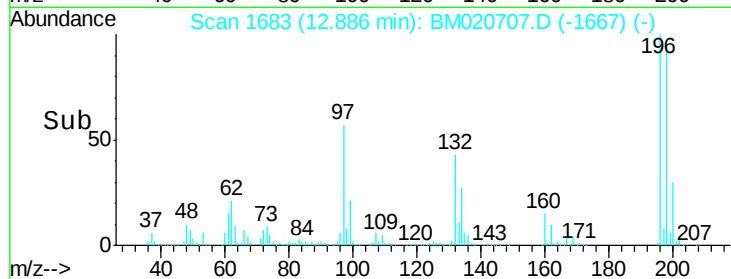
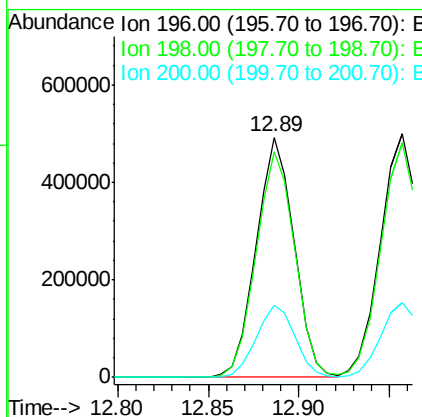
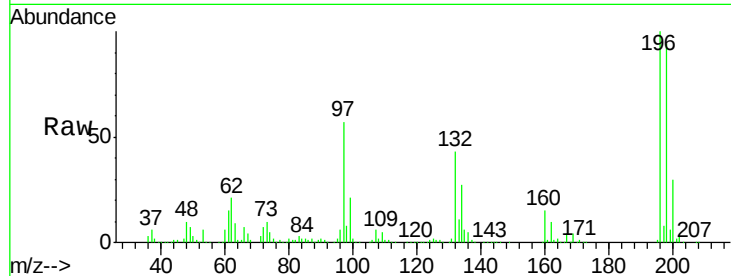
#43
 2,4,6-Trichlorophenol
 Concen: 47.547 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	715050		
198	94.1	75.7	113.5	
200	30.3	23.9	35.9	

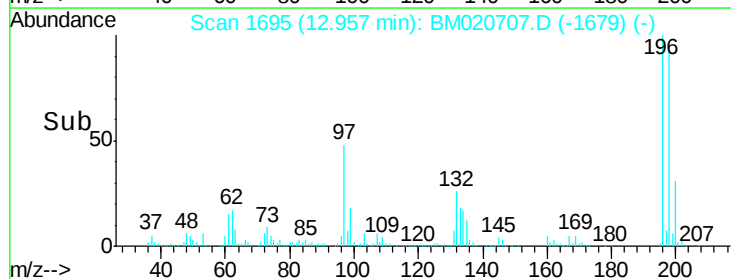
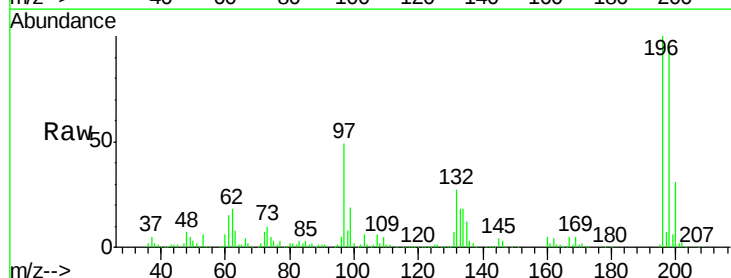
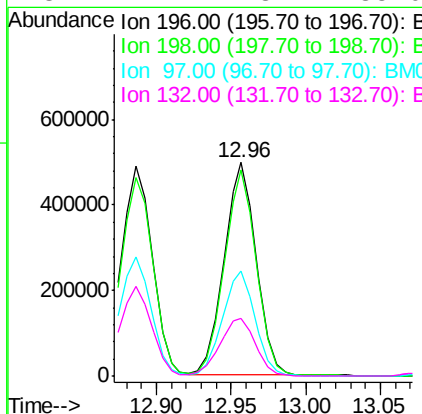
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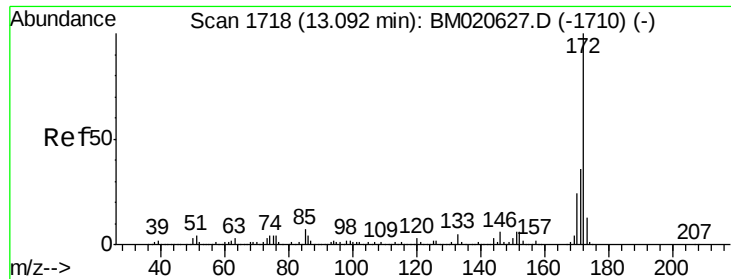
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.431 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	751943		
198	96.3	78.6	117.8	
97	49.3	42.7	64.1	
132	27.1	23.4	35.0	





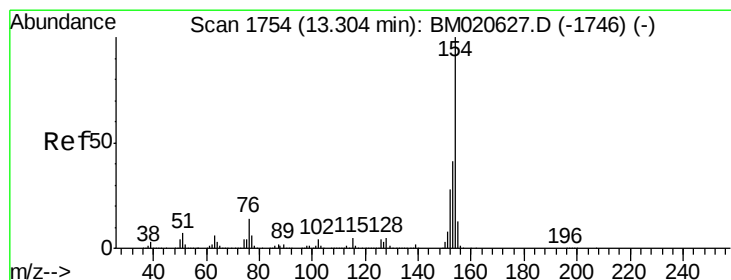
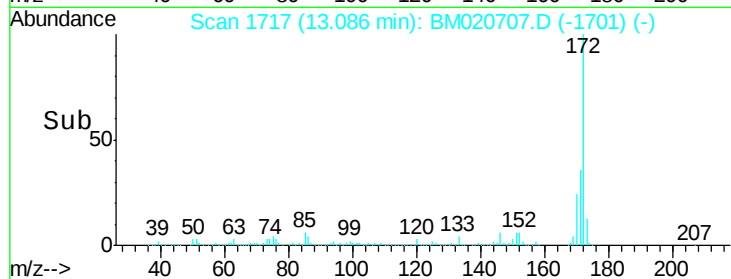
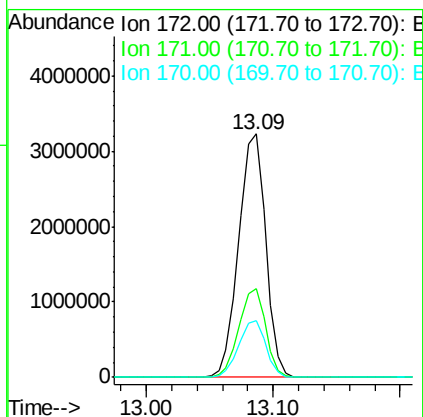
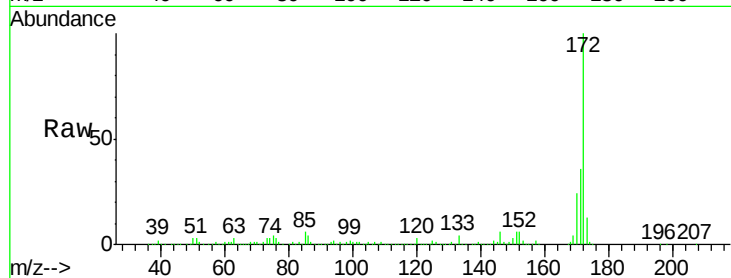
#45
2-Fluorobiphenyl
Concen: 89.061 ng
RT: 13.09 min Scan# 1717
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	23.5	18.9	28.3

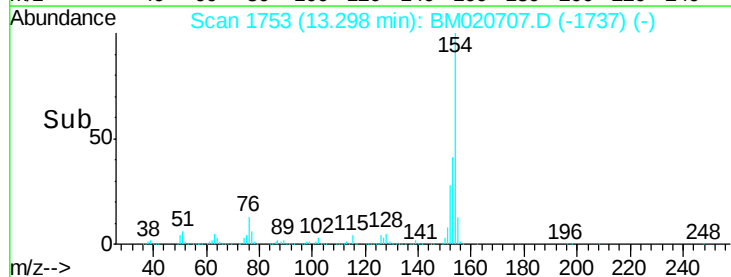
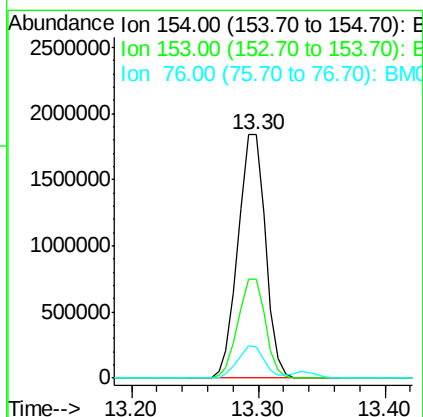
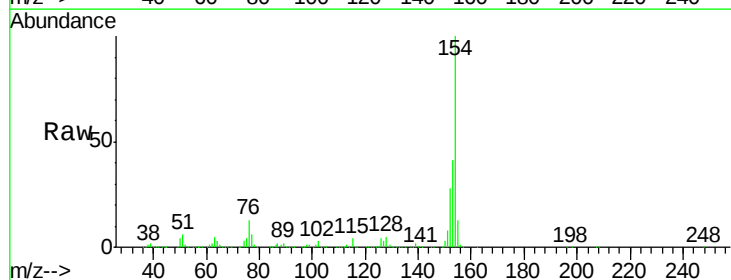
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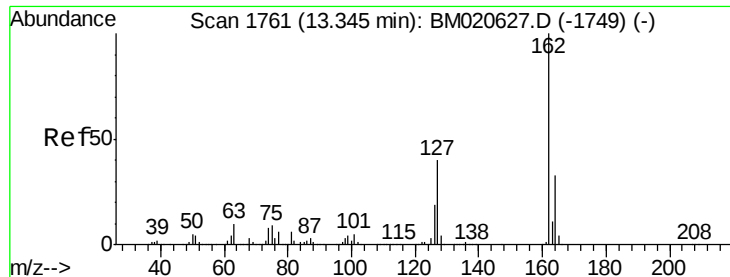
mohammad
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#46
1,1'-Biphenyl
Concen: 46.249 ng
RT: 13.30 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	13.0	0.0	34.0





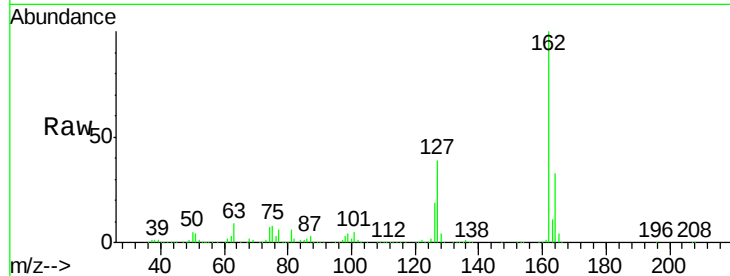
#47
2-Chloronaphthalene
Concen: 43.960 ng
RT: 13.34 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

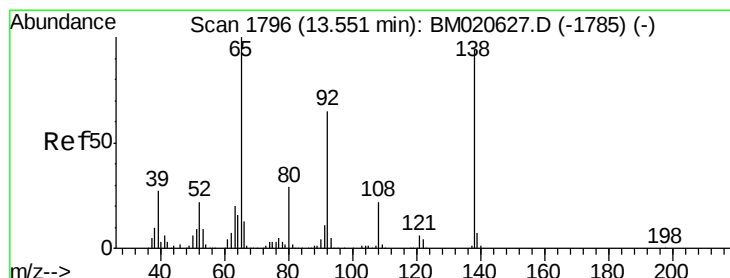
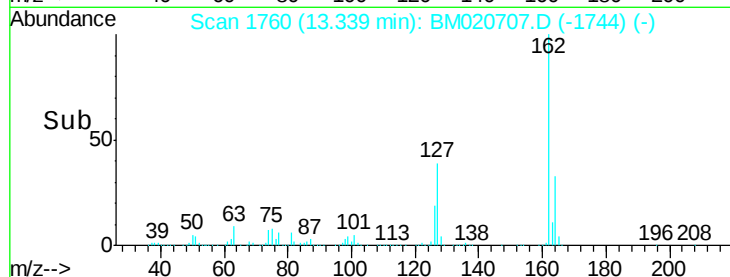
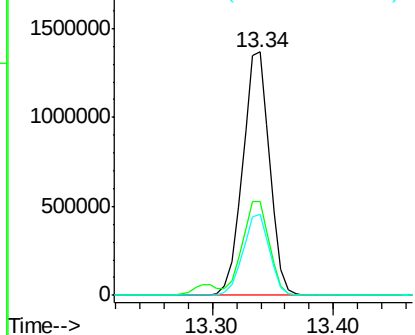
Tgt Ion: 162 Resp: 2112593
Ion Ratio Lower Upper
162 100
127 38.6 32.1 48.1
164 33.2 26.6 39.8

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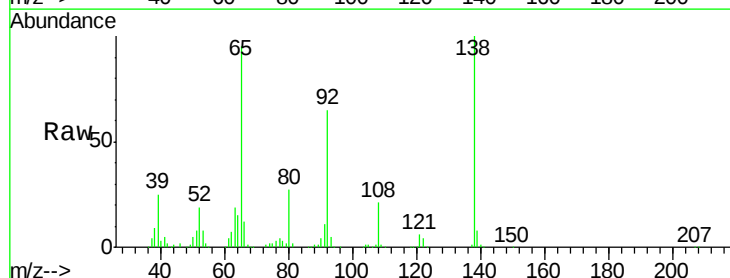


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

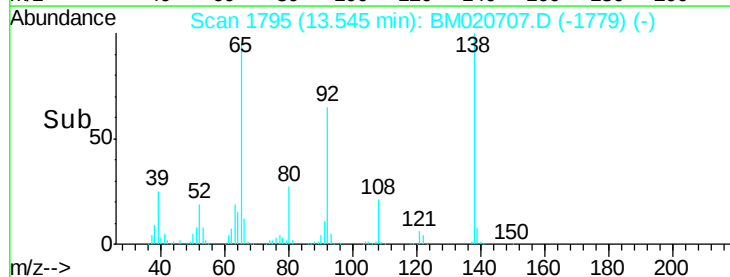
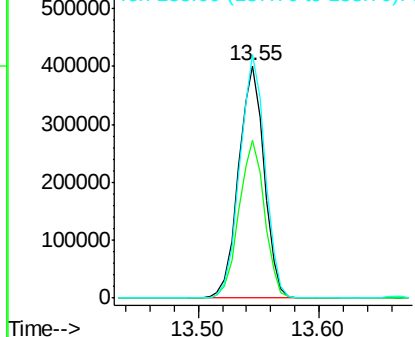


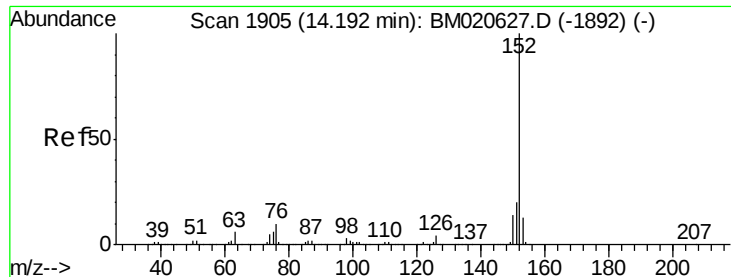
#48
2-Nitroaniline
Concen: 39.319 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion: 65 Resp: 593060
Ion Ratio Lower Upper
65 100
92 68.2 52.2 78.4
138 104.9 75.4 113.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.914 ng

RT: 14.19 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

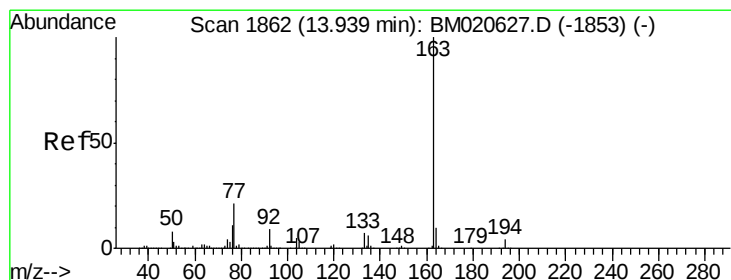
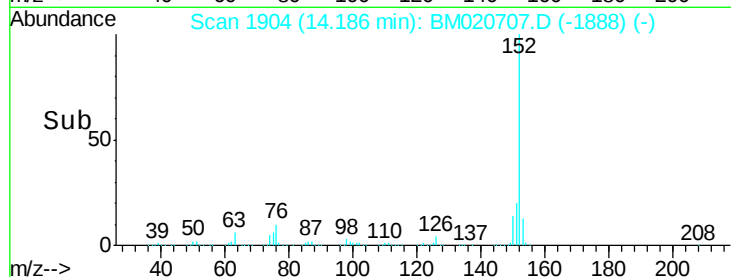
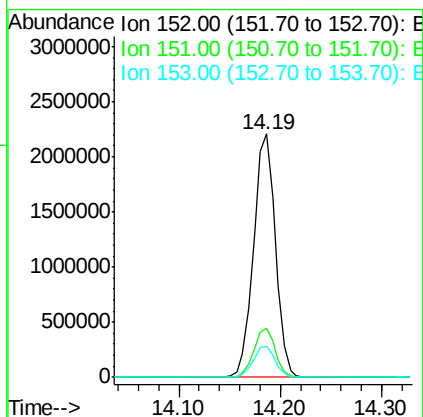
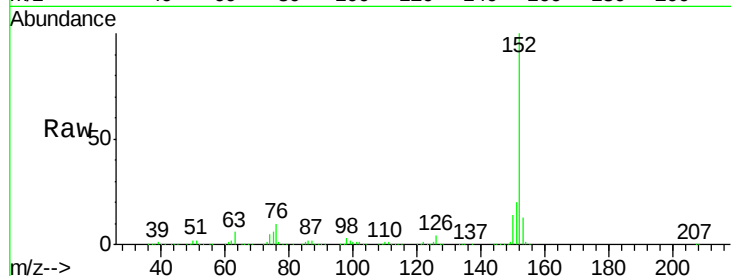
ClientSampleId :

PB120243BS

Tgt Ion:	152	Resp:	3292787
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	12.9	10.6	15.8

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#50

Dimethylphthalate

Concen: 41.053 ng

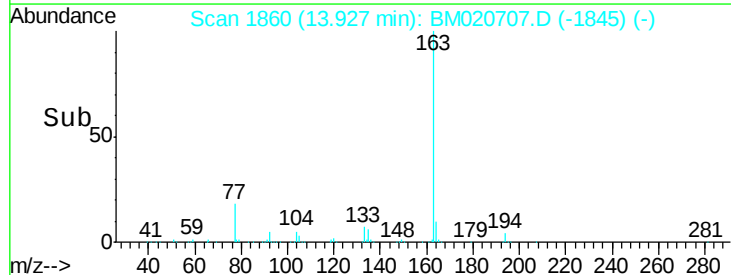
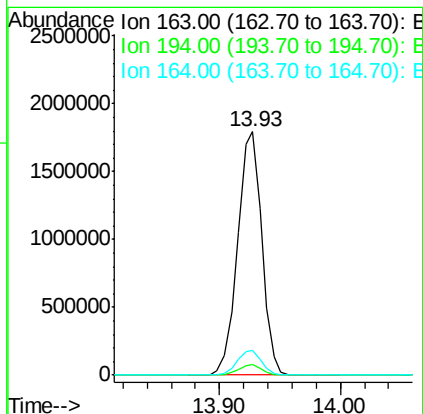
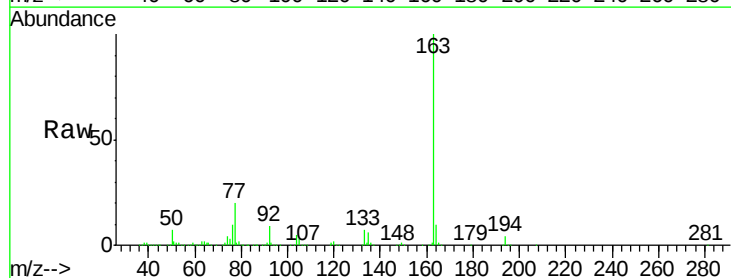
RT: 13.93 min Scan# 1860

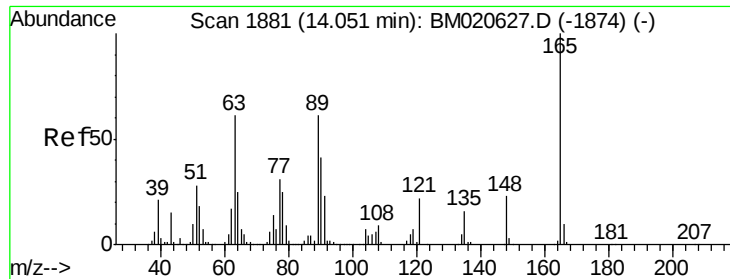
Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Tgt Ion:	163	Resp:	2500583
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.0	7.9	11.9





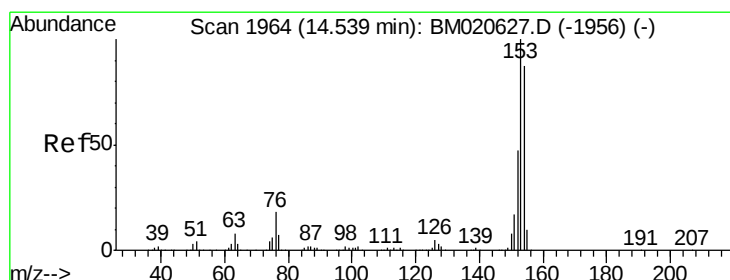
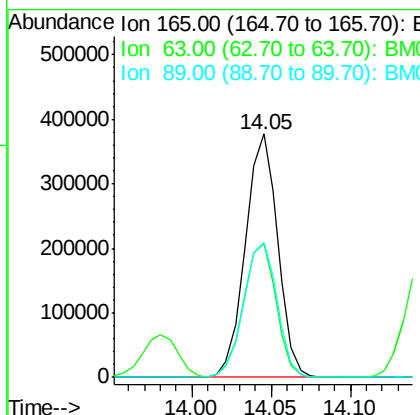
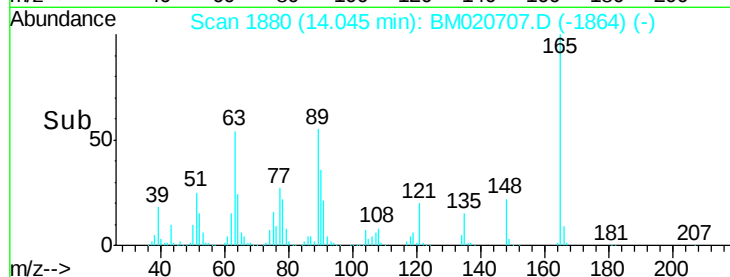
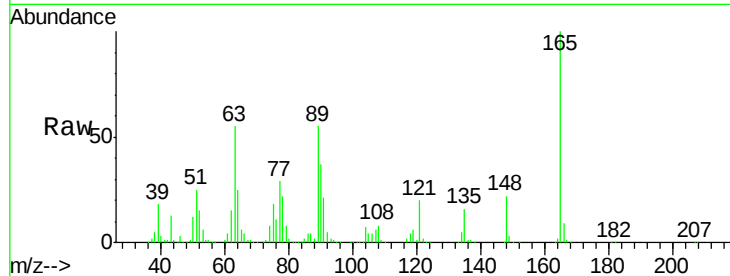
#51
 2,6-Dinitrotoluene
 Concen: 43.255 ng
 RT: 14.05 min Scan# 1880
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Instrument :
 BNA_M
 ClientSampled :
 PB120243BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.7	50.4	75.6
89	55.5	49.1	73.7

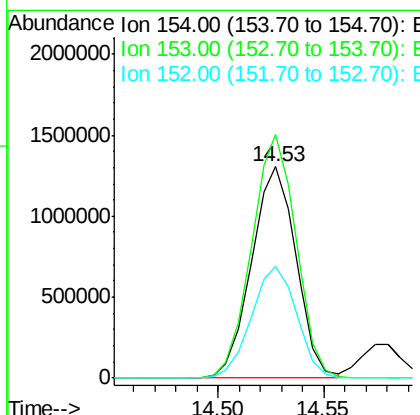
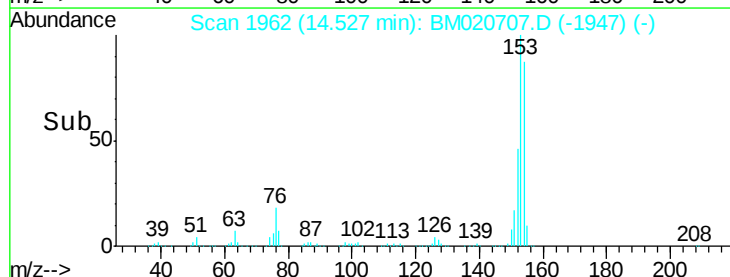
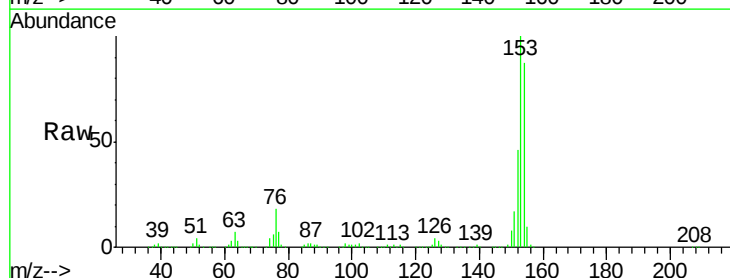
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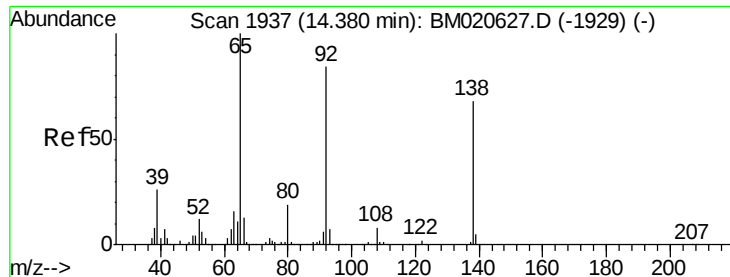
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#52
 Acenaphthene
 Concen: 42.934 ng
 RT: 14.53 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.1	92.4	138.6
152	53.1	43.4	65.0





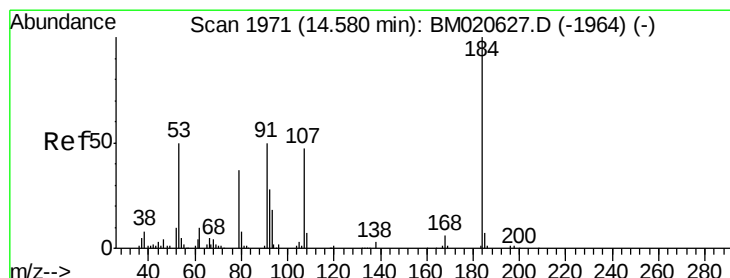
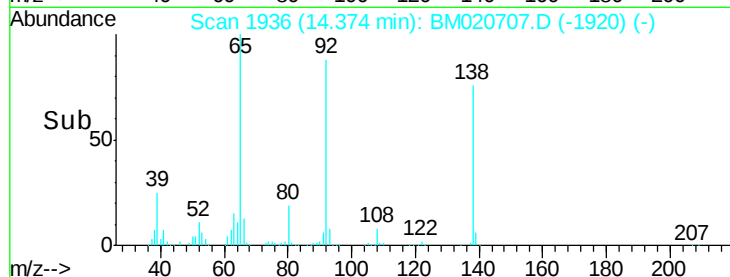
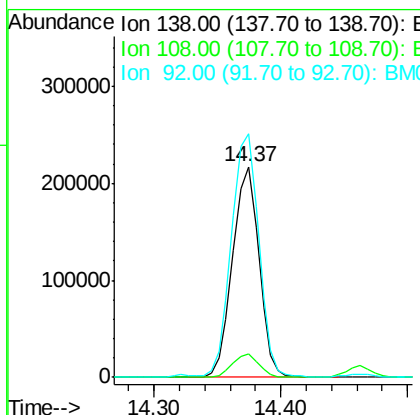
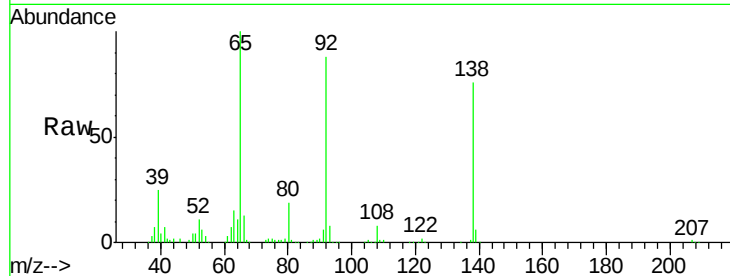
#53
 3-Nitroaniline
 Concen: 22.817 ng
 RT: 14.37 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	314984		
108	11.1	9.5	14.3	
92	115.7	99.6	149.4	

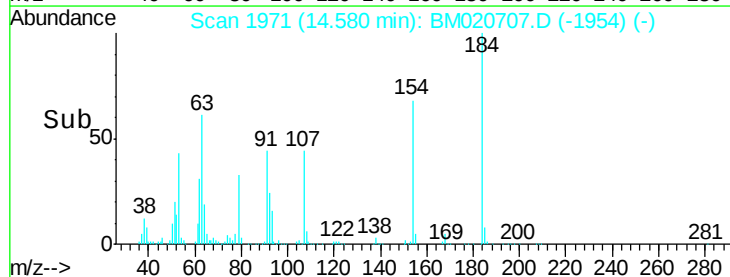
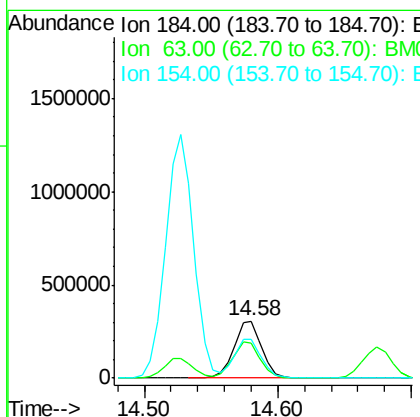
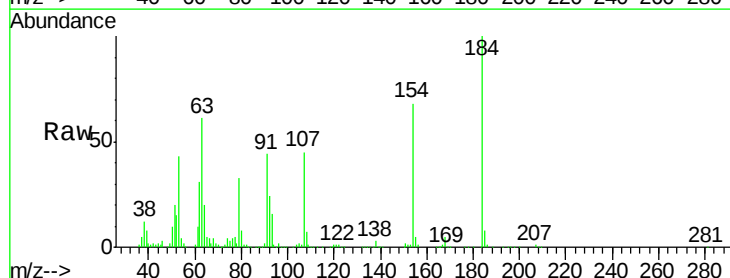
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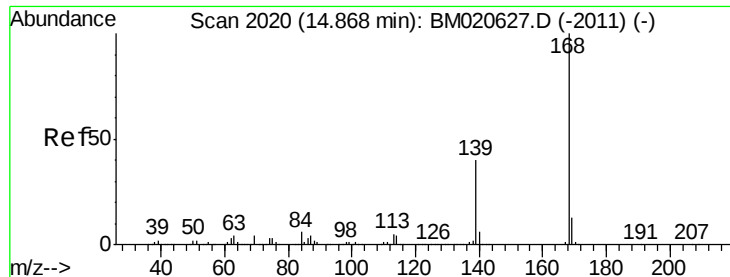
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 81.519 ng
 RT: 14.58 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	434546		
63	61.4	59.3	88.9	
154	68.0	56.5	84.7	





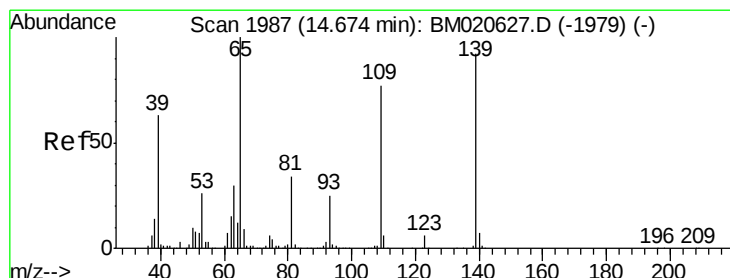
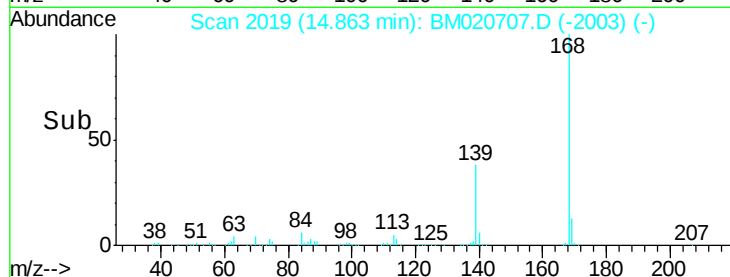
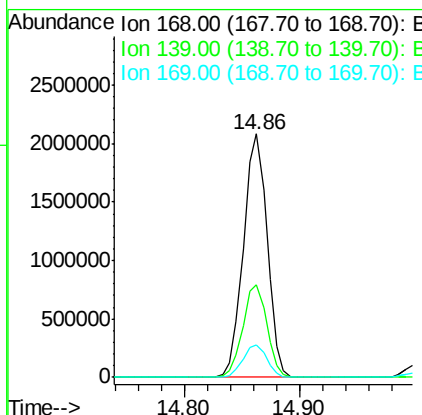
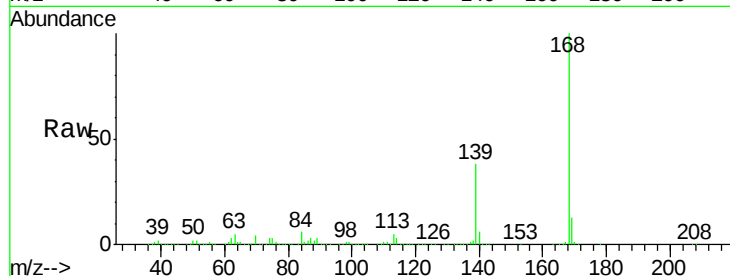
#55
Dibenzofuran
Concen: 42.871 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampled :
PB120243BS

Tgt Ion:168 Resp: 2975323
Ion Ratio Lower Upper
168 100
139 38.1 31.9 47.9
169 13.5 10.7 16.1

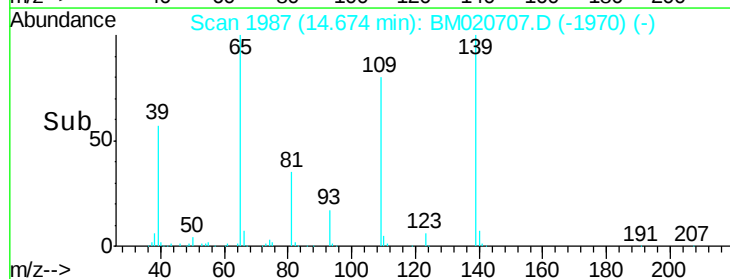
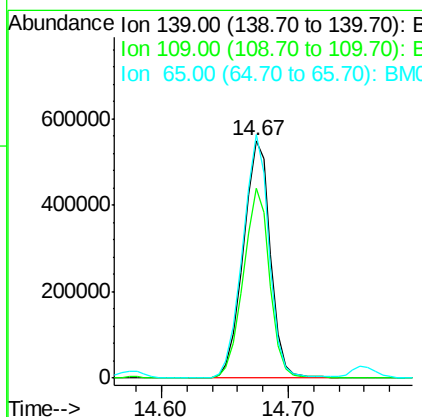
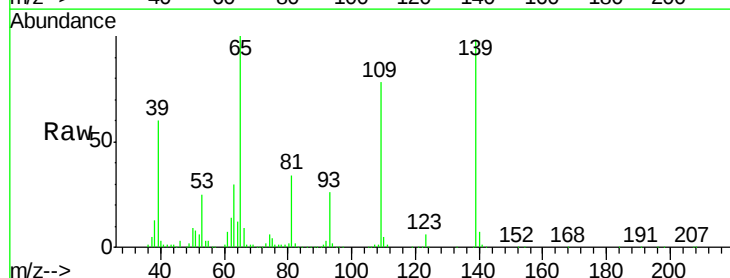
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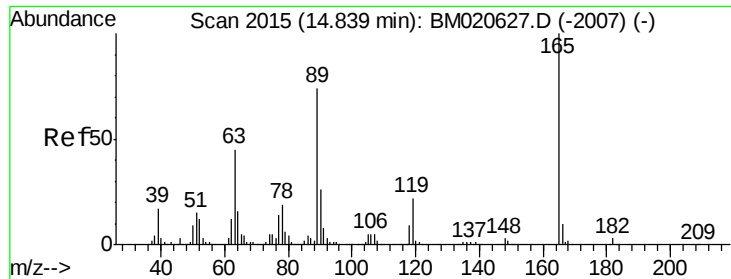
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#56
4-Nitrophenol
Concen: 80.145 ng
RT: 14.67 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion:139 Resp: 815295
Ion Ratio Lower Upper
139 100
109 80.0 62.7 102.7
65 102.5 88.3 128.3





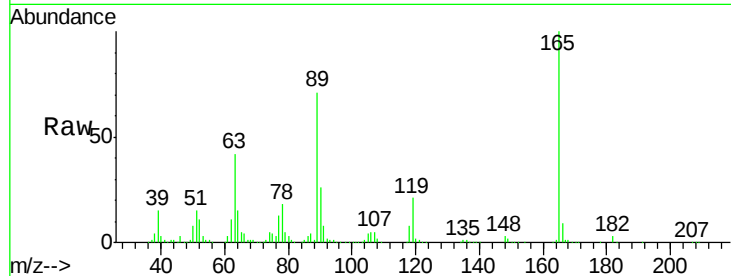
#57
 2,4-Dinitrotoluene
 Concen: 41.926 ng
 RT: 14.83 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	694296		
63	42.2	36.3	54.5	
89	70.7	59.0	88.6	
182	2.8	2.2	3.4	

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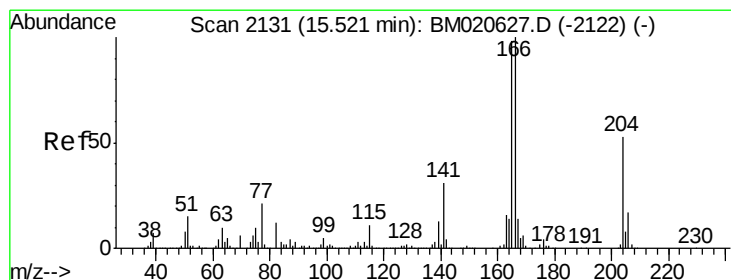
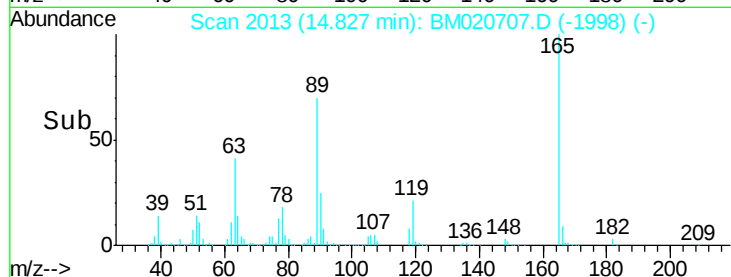
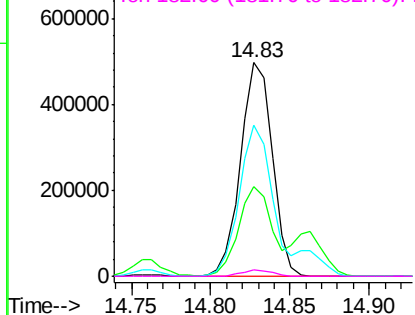


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

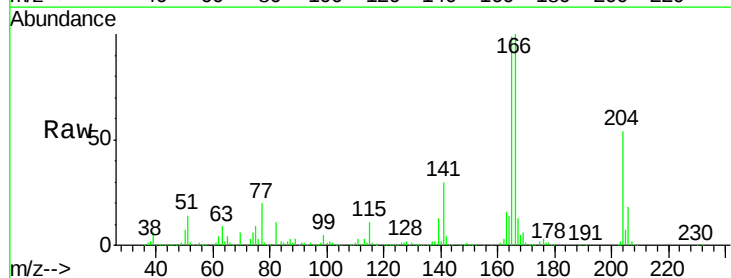
Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 41.172 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

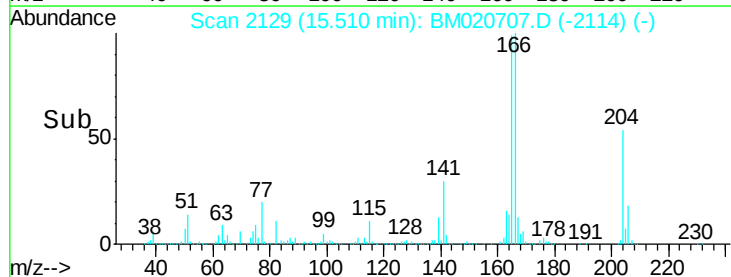
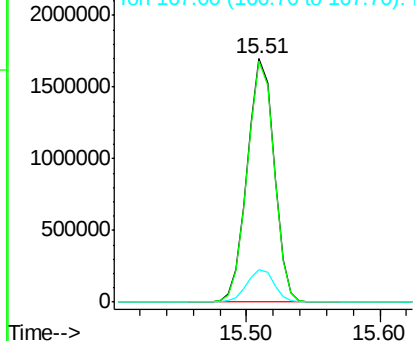
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2349834		
165	98.8	78.6	117.8	
167	13.5	11.0	16.4	

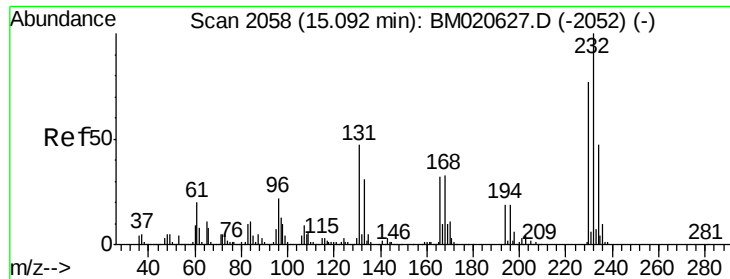


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





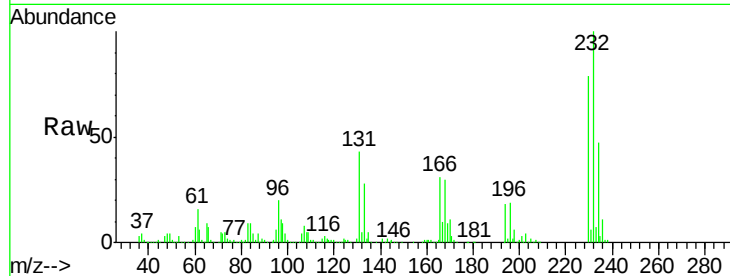
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.843 ng
RT: 15.09 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

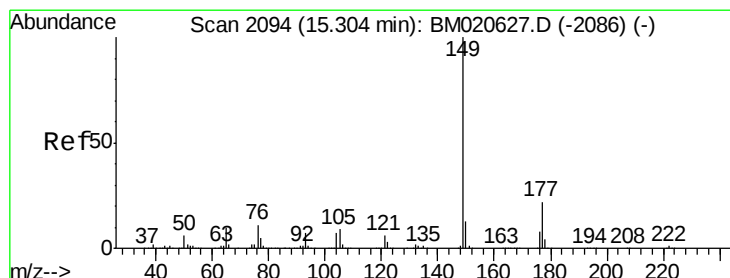
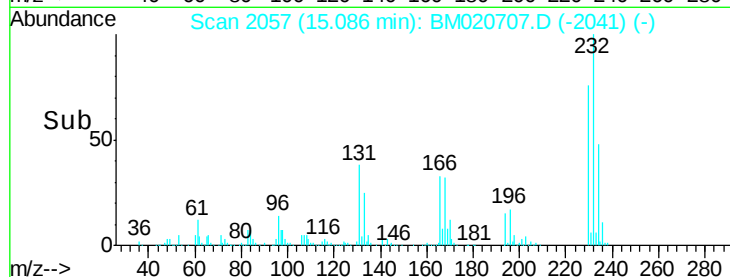
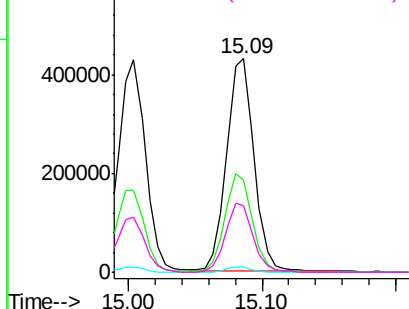
Tgt Ion:	232	Resp:	620221
Ion Ratio	Lower	Upper	
232	100		
131	46.3	38.6	57.8
130	2.4	2.2	3.2
166	32.4	26.6	39.8

Manual Integrations
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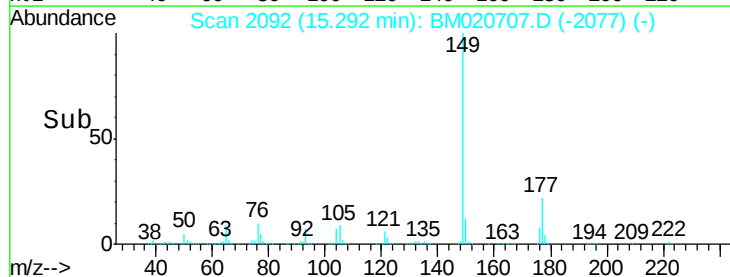
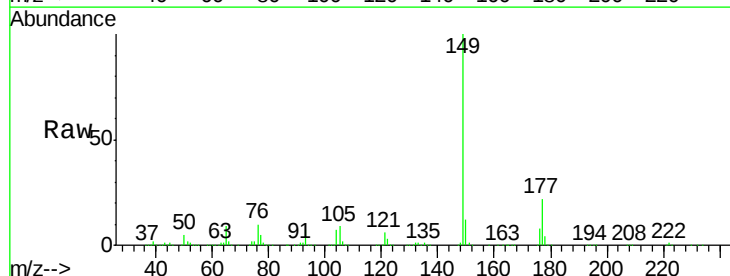
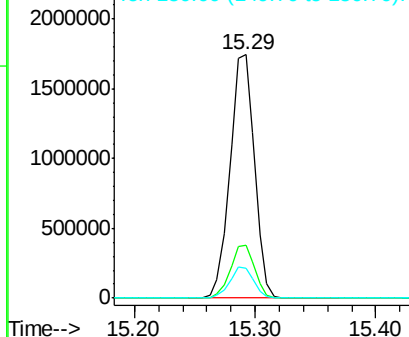
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

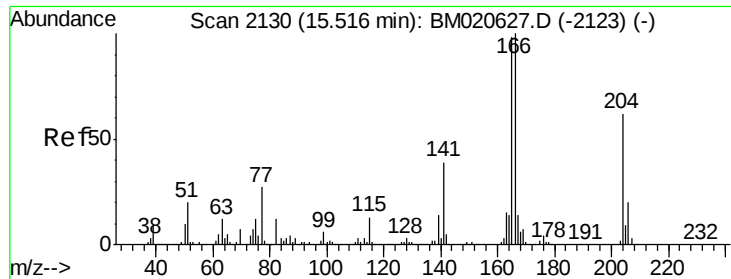


#60
Diethylphthalate
Concen: 39.083 ng
RT: 15.29 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion:	149	Resp:	2455192
Ion Ratio	Lower	Upper	
149	100		
177	21.7	17.2	25.8
150	12.3	10.1	15.1

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





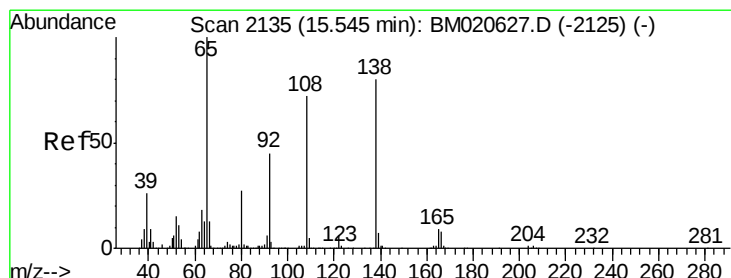
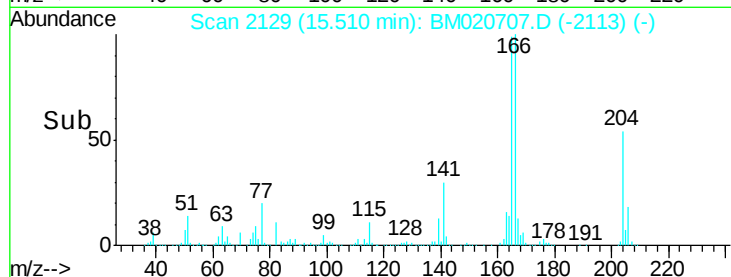
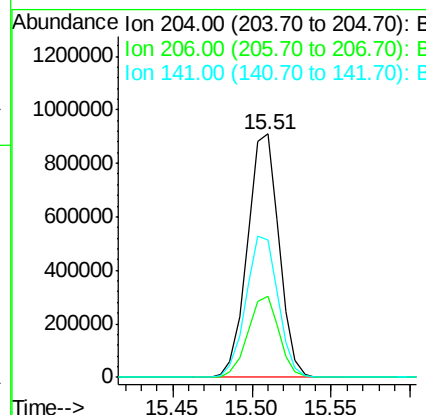
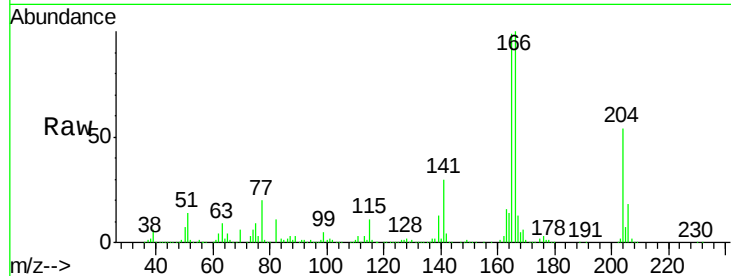
#61
 4-Chlorophenyl-phenylether
 Concen: 41.429 ng
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

Tgt Ion: 204 Resp: 1251932
 Ion Ratio Lower Upper
 204 100
 206 33.2 25.8 38.8
 141 56.2 50.2 75.4

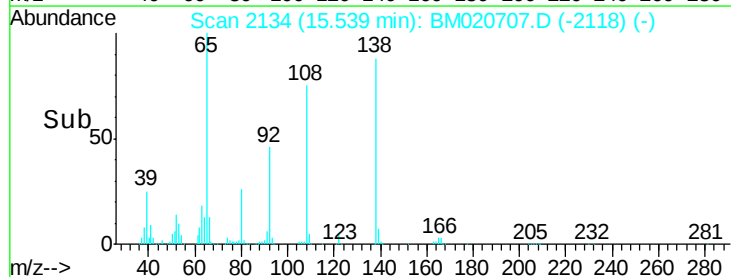
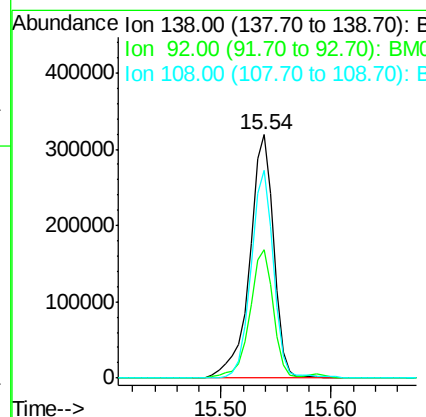
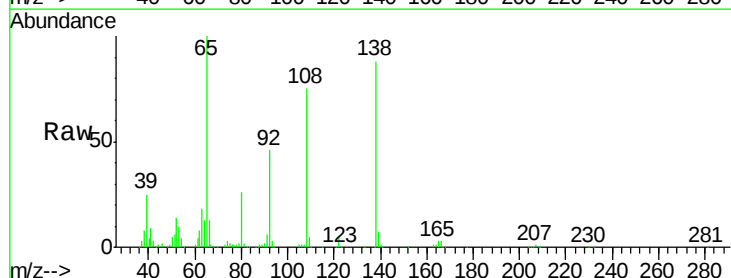
Manual Integrations
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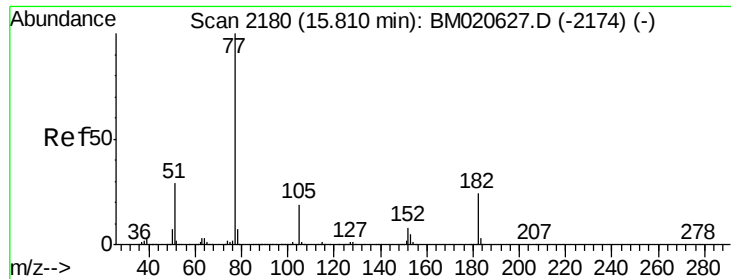
mohammad
 6/5/2019 3:41:26 PM



#62
 4-Nitroaniline
 Concen: 33.546 ng
 RT: 15.54 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Tgt Ion: 138 Resp: 491137
 Ion Ratio Lower Upper
 138 100
 92 52.8 36.7 76.7
 108 85.2 70.3 110.3





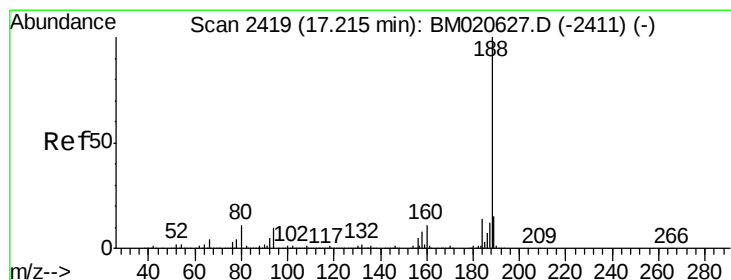
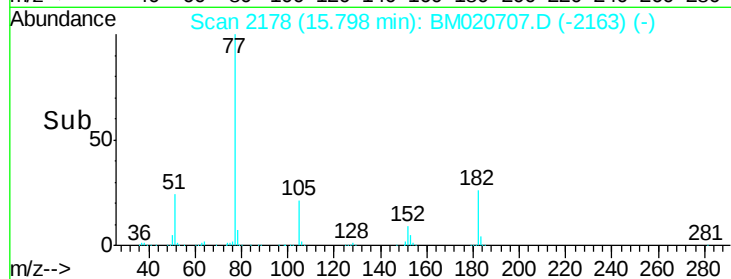
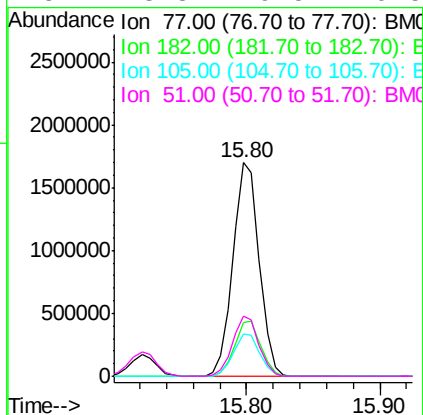
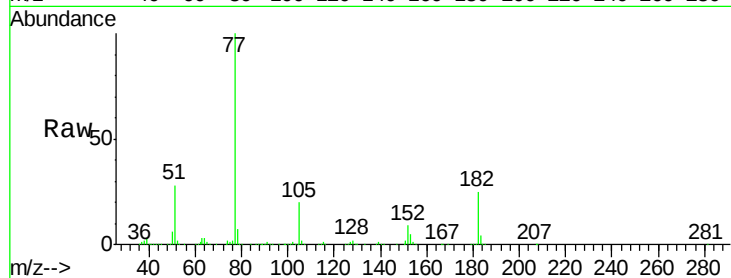
#63
Azobenzene
Concen: 38.566 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.4	3.6	43.6
105	20.0	0.0	39.4
51	28.3	9.5	49.5

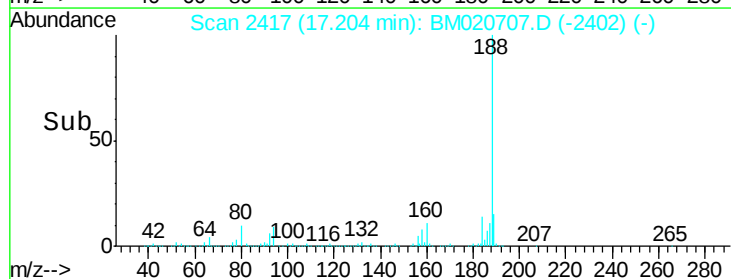
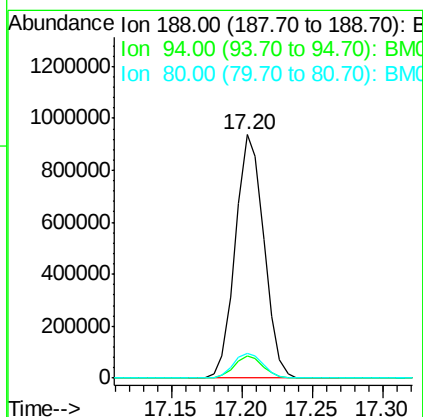
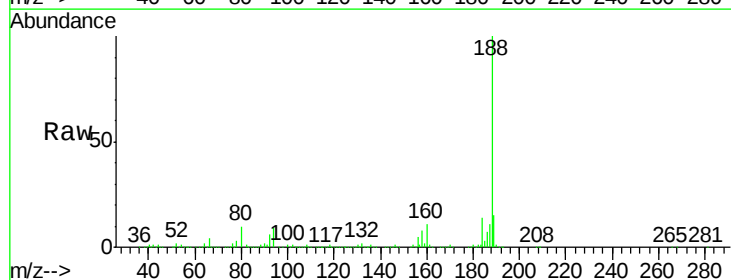
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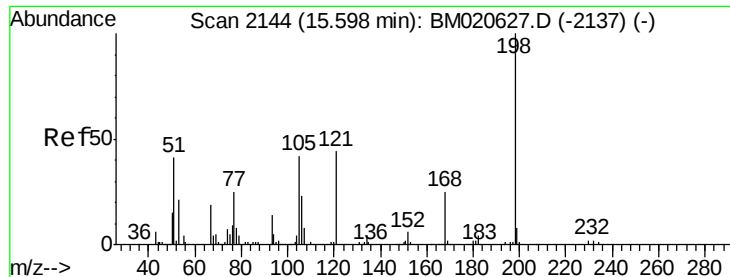
mohammad
6/5/2019 3:41:26 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.8
80	10.2	9.0	13.6





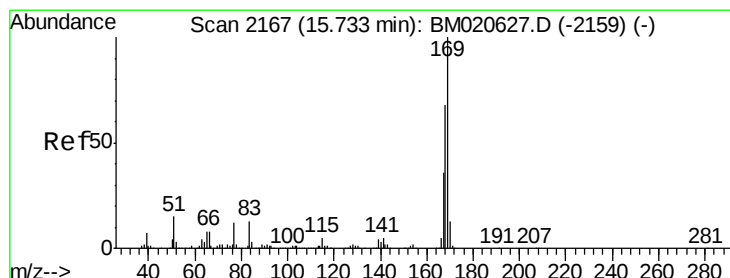
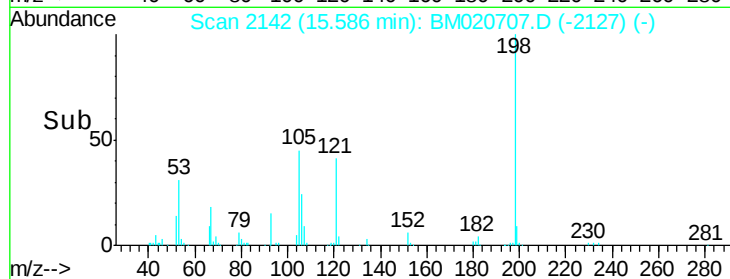
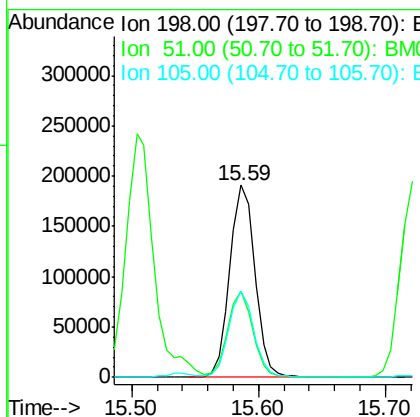
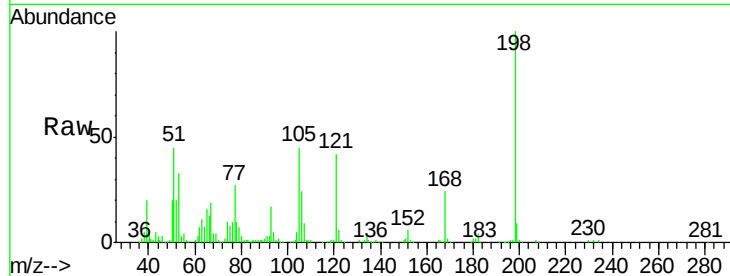
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.540 ng
 RT: 15.59 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.6	27.7	67.7
105	45.1	23.8	63.8

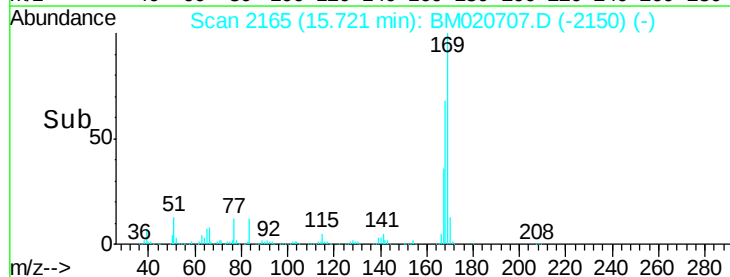
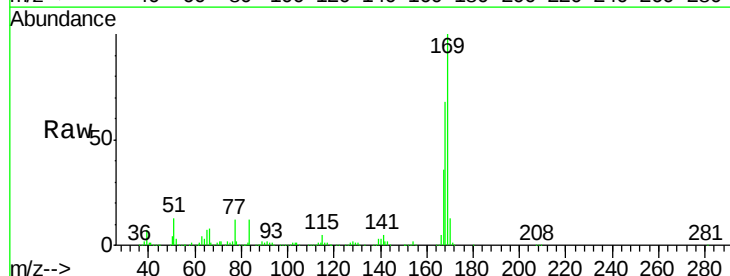
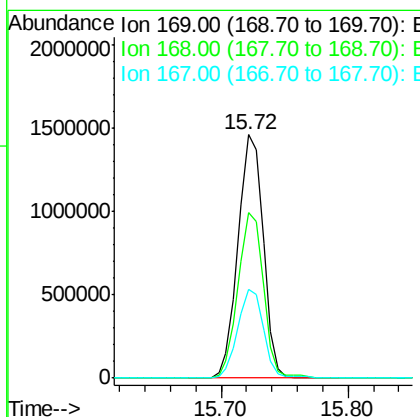
Manual Integrations
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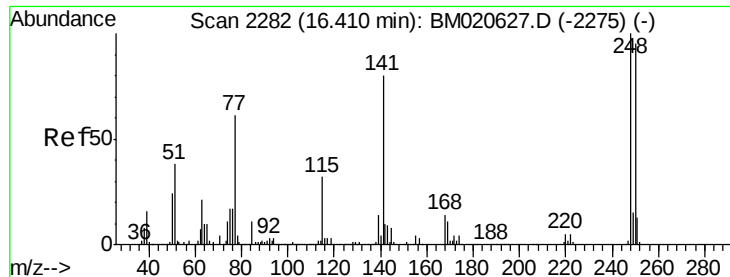
mohammad
 6/5/2019 3:41:26 PM



#66
 n-Nitrosodiphenylamine
 Concen: 47.597 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.2	81.4
167	36.4	29.1	43.7





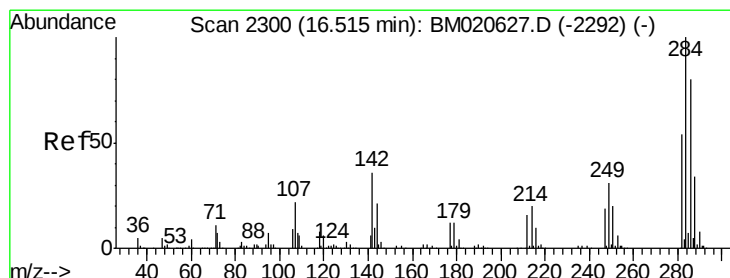
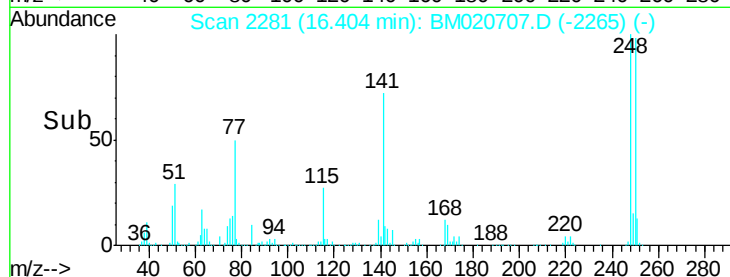
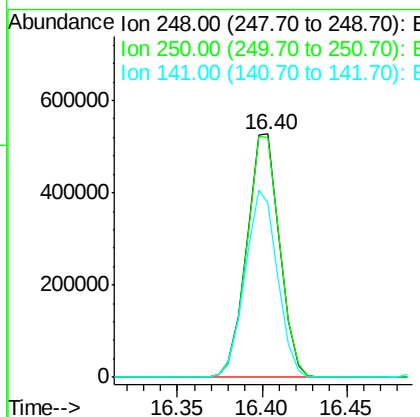
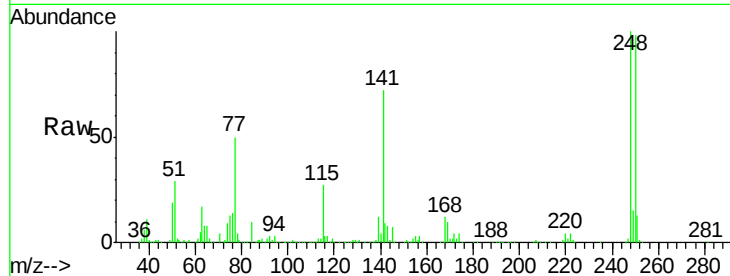
#67
4-Bromophenyl-phenylether
Concen: 45.887 ng
RT: 16.40 min Scan# 2281
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.4	76.3	114.5
141	71.8	64.2	96.2

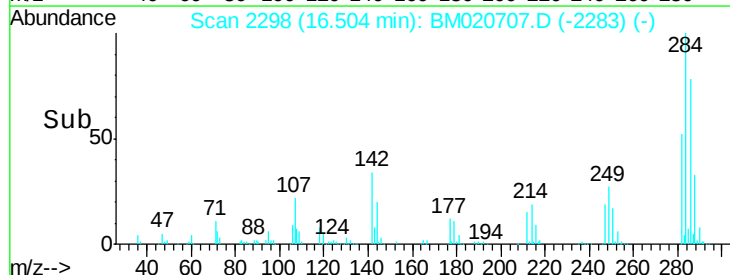
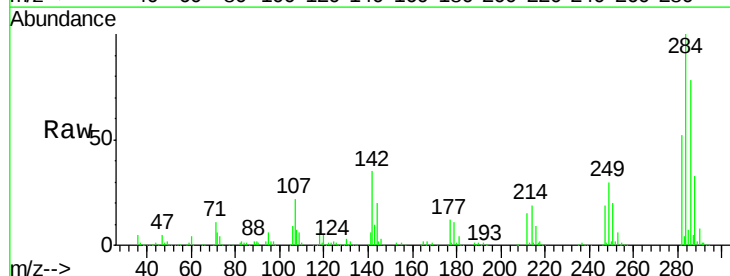
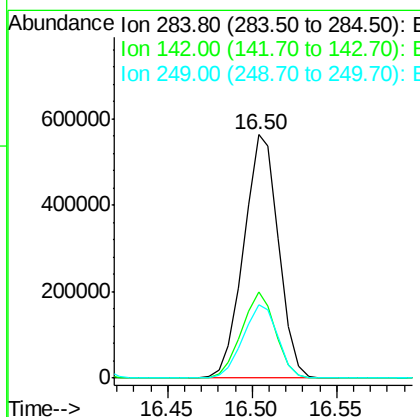
Manual Integrations
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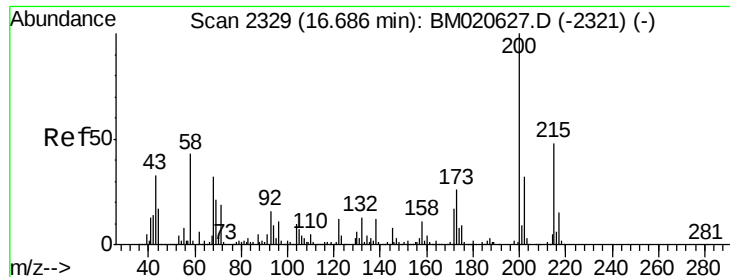
mohammad
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#68
Hexachlorobenzene
Concen: 44.268 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.2	28.6	42.8
249	30.3	25.0	37.4





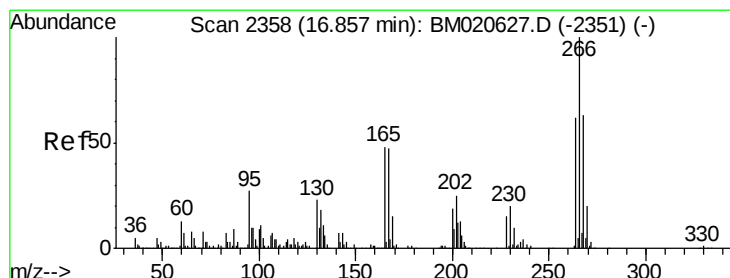
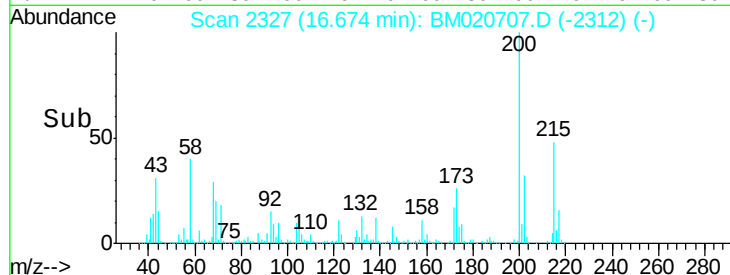
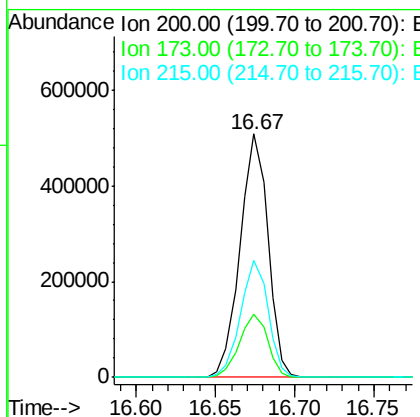
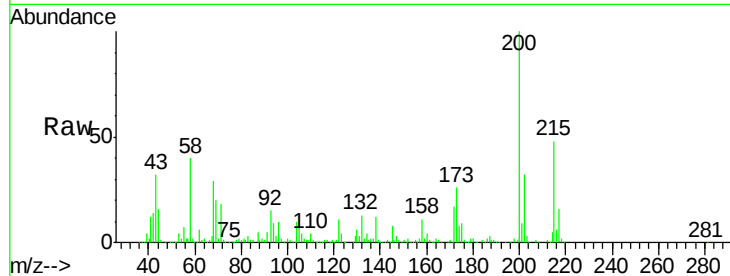
#69
Atrazine
Concen: 49.269 ng
RT: 16.67 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.7	6.2	46.2
215	47.8	27.7	67.7

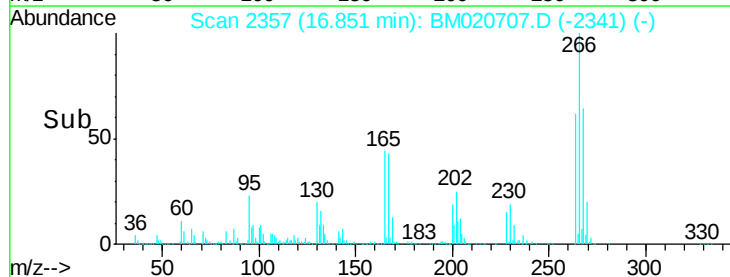
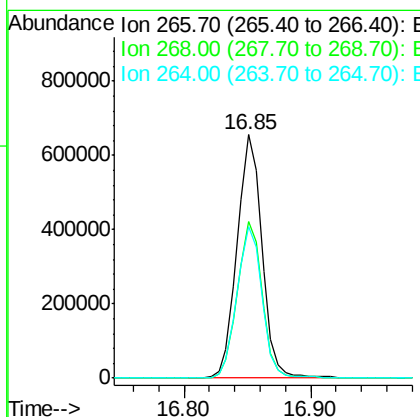
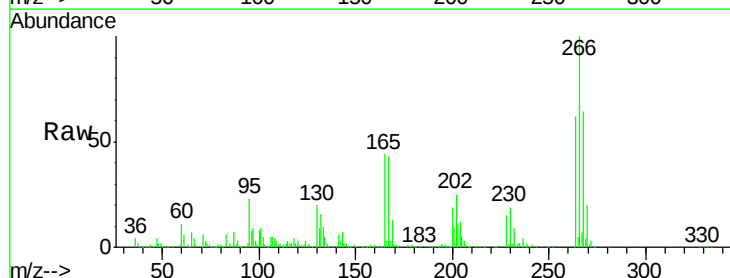
Manual Integrations
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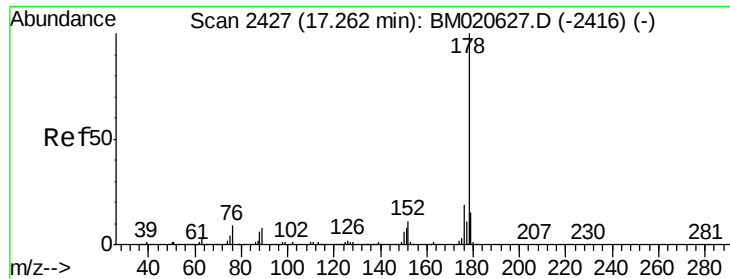
mohammad
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#70
Pentachlorophenol
Concen: 102.652 ng
RT: 16.85 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.1	50.6	75.8
264	62.1	49.6	74.4





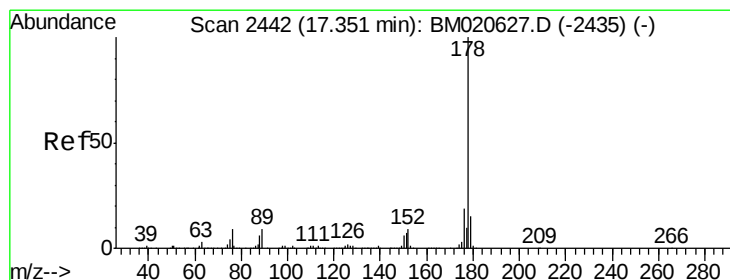
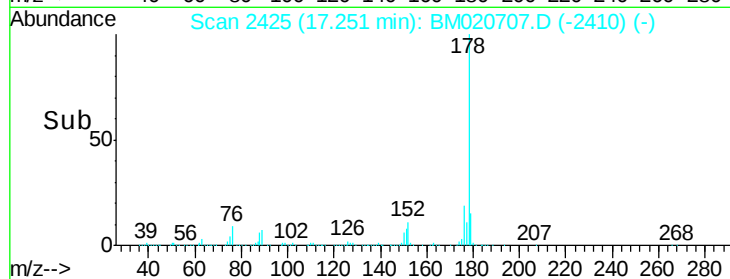
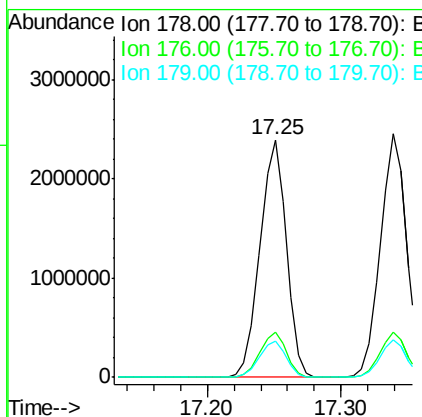
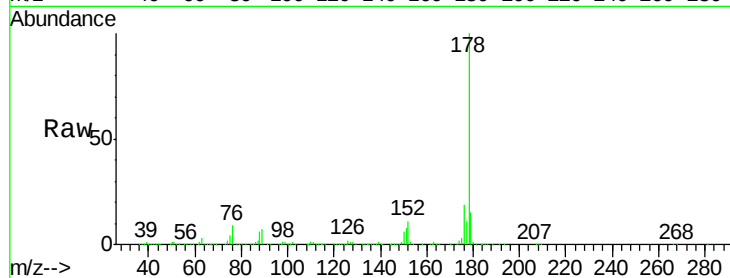
#71
Phenanthrene
Concen: 43.533 ng
RT: 17.25 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	15.2	12.2	18.4

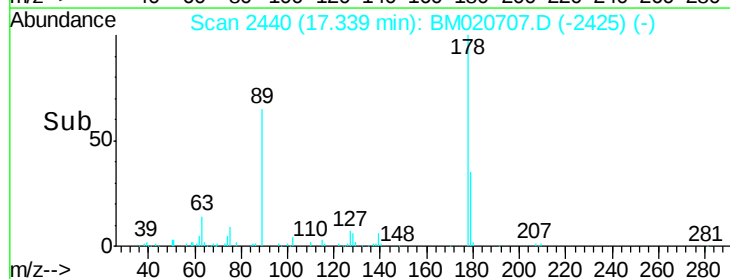
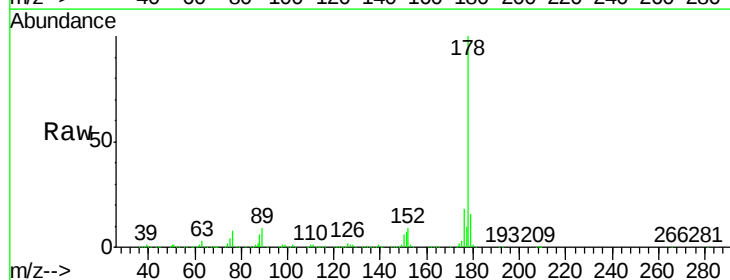
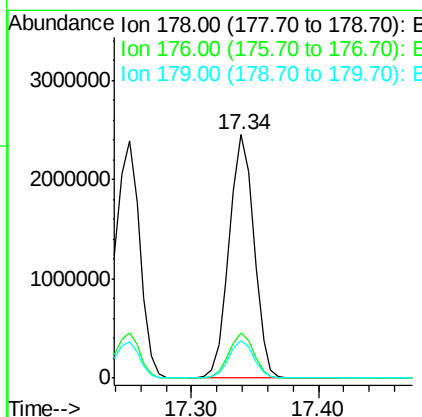
Manual Integrations
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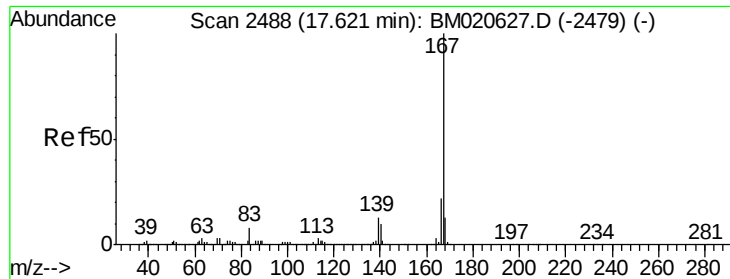
mohammad
6/5/2019 3:41:26 PM



#72
Anthracene
Concen: 44.305 ng
RT: 17.34 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	15.6	12.3	18.5





#73

Carbazole

Concen: 41.173 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

ClientSampleId :

PB120243BS

Tgt Ion:167 Resp: 2803538

Ion Ratio Lower Upper

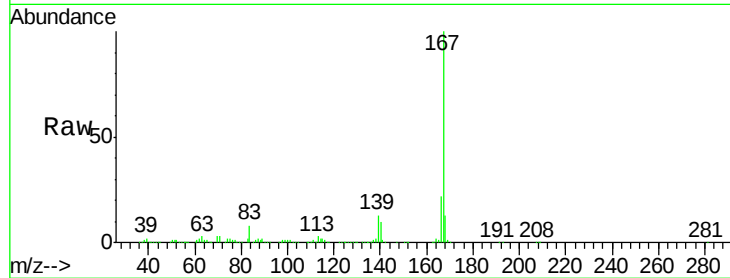
167 100

166 22.1 17.5 26.3

139 12.7 10.6 15.8

Manual Integrations
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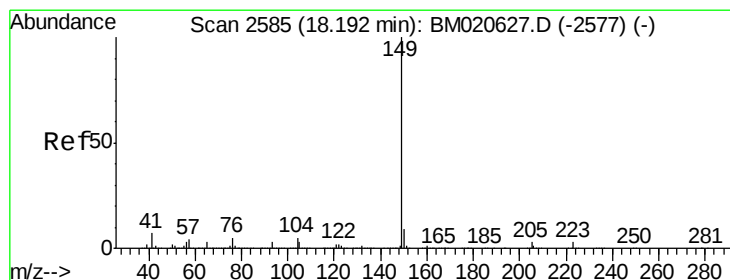
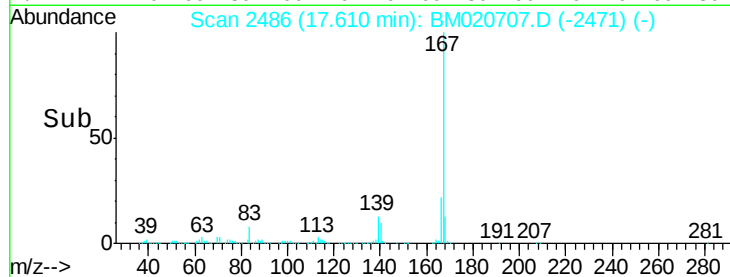
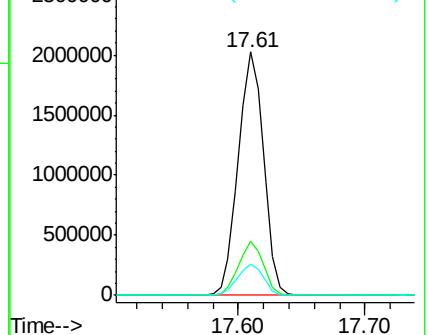
mohammad
6/5/2019 3:41:26 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.239 ng

RT: 18.17 min Scan# 2582

Delta R.T. -0.02 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

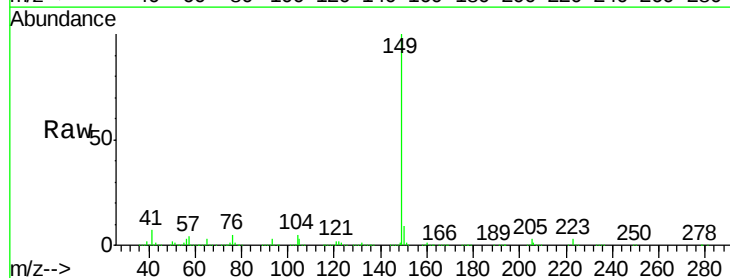
Tgt Ion:149 Resp: 3556723

Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

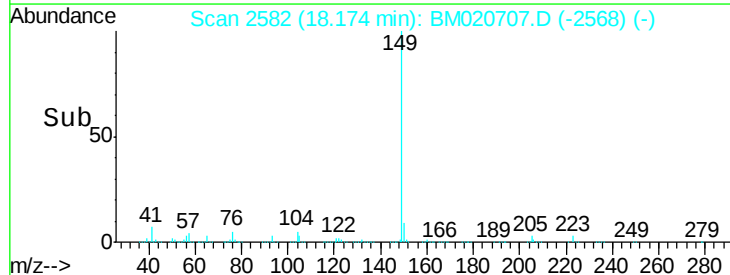
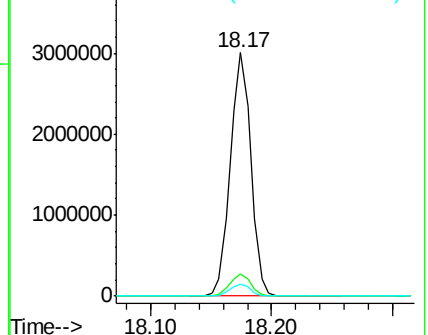
104 5.1 4.2 6.2

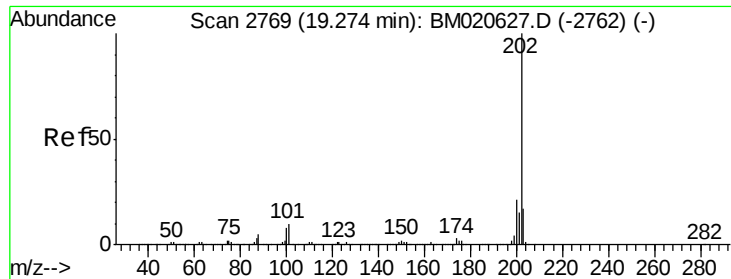


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.200 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

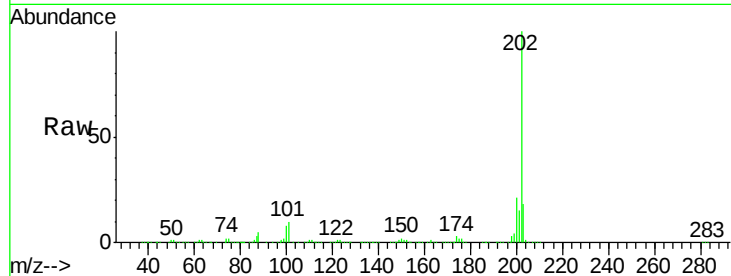
ClientSampleId :

PB120243BS

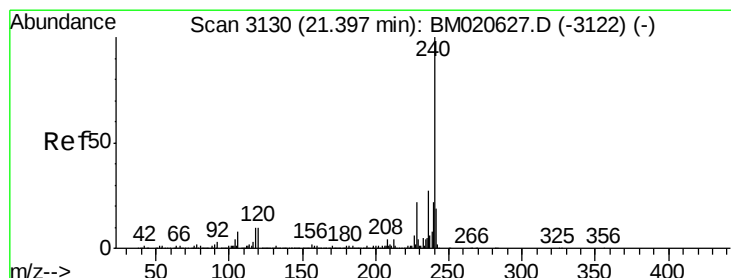
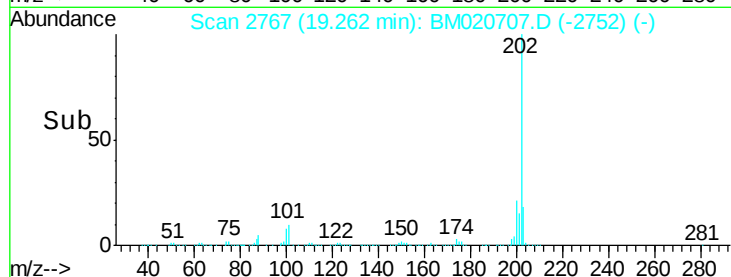
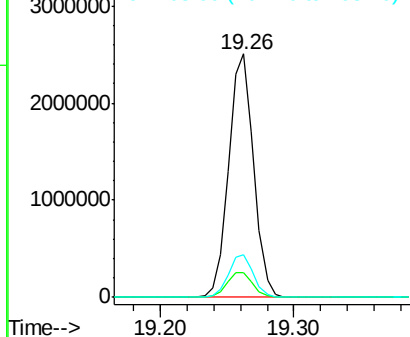
Tgt Ion:	202	Resp:	3268190
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.4
203	17.6	0.0	37.3

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

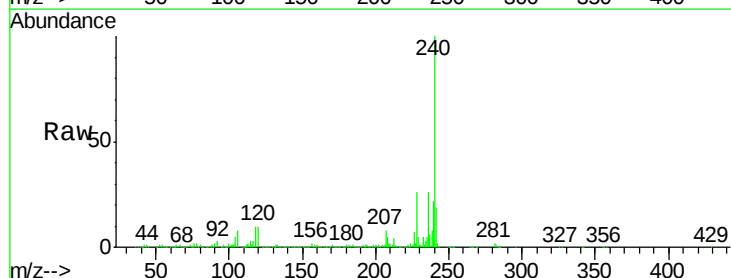
RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

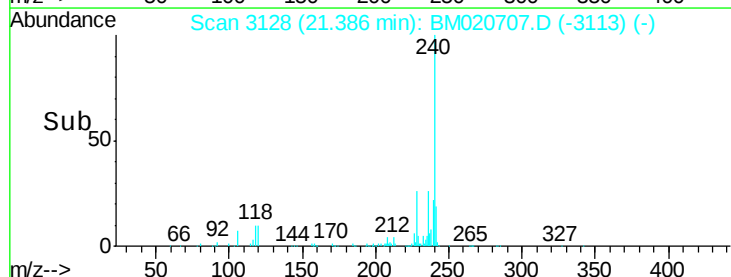
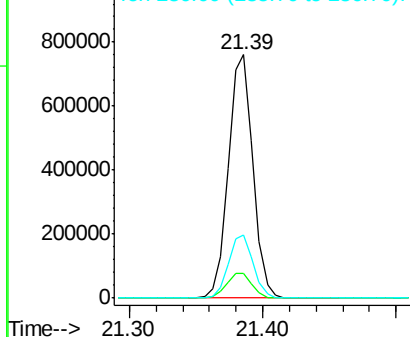
Lab File: BM020707.D

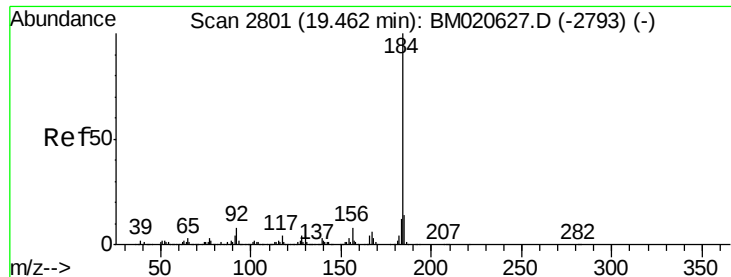
Acq: 04 Jun 2019 17:36

Tgt Ion:	240	Resp:	978444
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.2	12.2
236	25.8	21.2	31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.526 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

ClientSampleId :

PB120243BS

Tgt Ion:184 Resp: 1409031

Ion Ratio Lower Upper

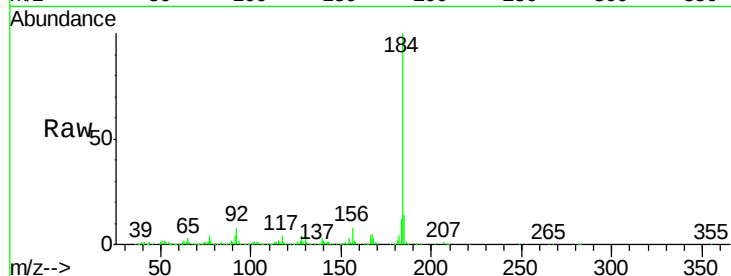
184 100

185 14.3 11.3 16.9

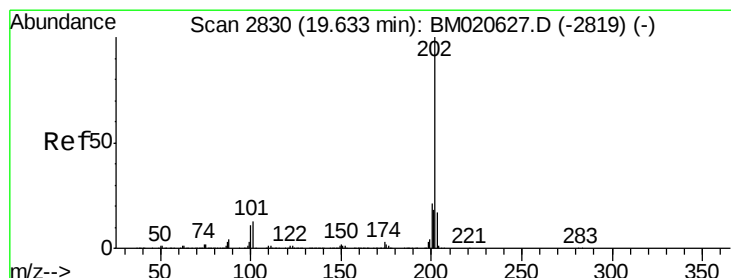
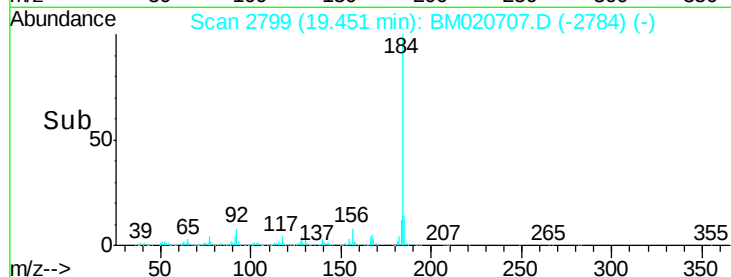
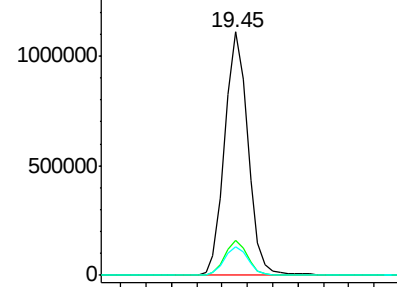
183 11.8 9.8 14.6

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Abundance Ion 184.00 (183.70 to 184.70): E
1500000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.300 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

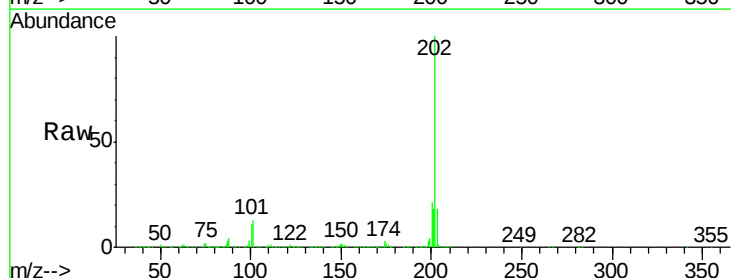
Tgt Ion:202 Resp: 3251163

Ion Ratio Lower Upper

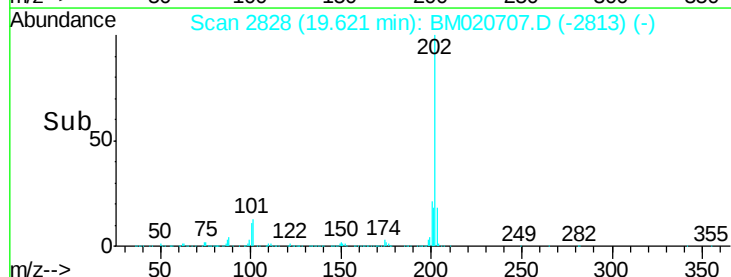
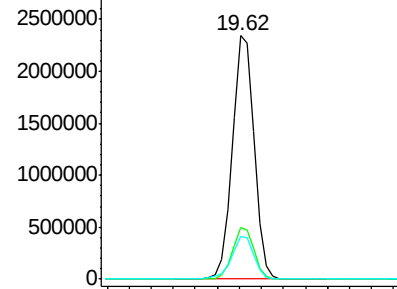
202 100

200 21.1 16.8 25.2

203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
3000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





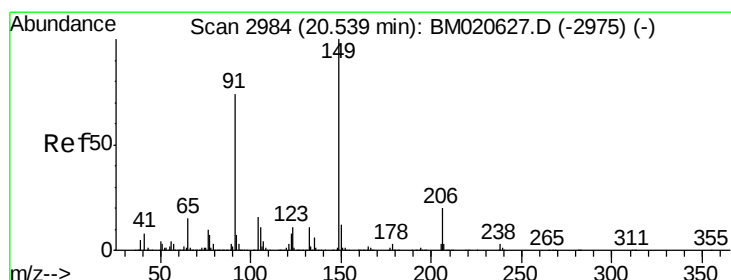
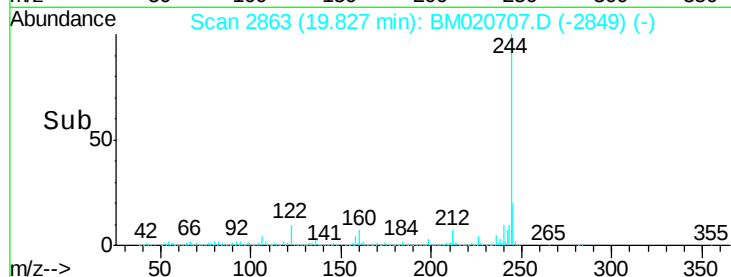
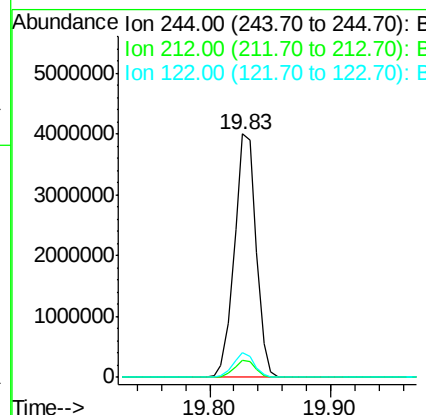
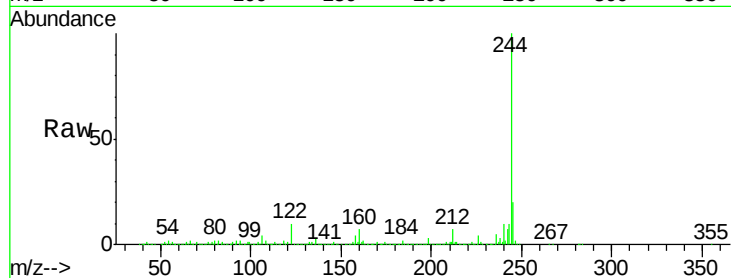
#79
 Terphenyl-d14
 Concen: 85.292 ng
 RT: 19.83 min Scan# 2863
 Delta R.T. -0.02 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Instrument :
 BNA_M
 ClientSampleId :
 PB120243BS

Tgt Ion:244 Resp: 4989326
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.1 7.2 10.8

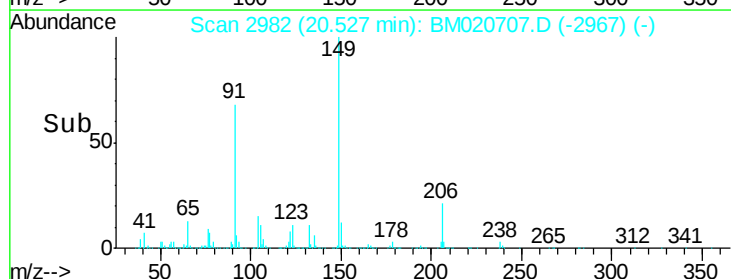
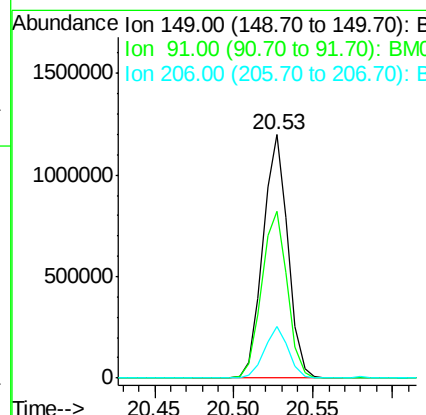
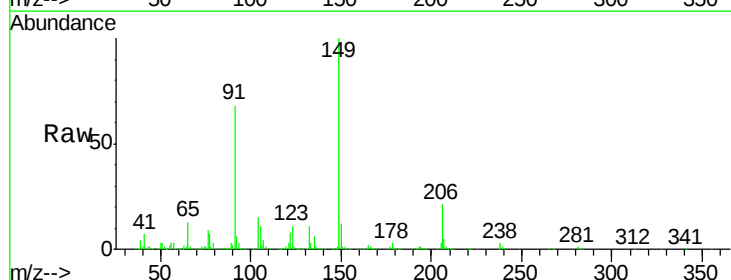
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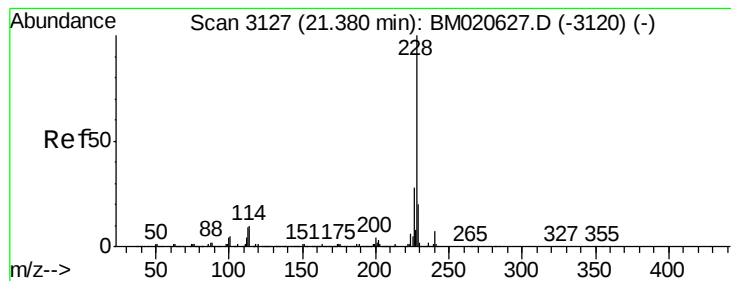
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#80
 Butylbenzylphthalate
 Concen: 41.384 ng
 RT: 20.53 min Scan# 2982
 Delta R.T. -0.01 min
 Lab File: BM020707.D
 Acq: 04 Jun 2019 17:36

Tgt Ion:149 Resp: 1313154
 Ion Ratio Lower Upper
 149 100
 91 68.3 59.6 89.4
 206 21.0 15.7 23.5





#81

Benzo(a)anthracene

Concen: 41.765 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

Instrument :

BNA_M

ClientSampleId :

PB120243BS

Tgt Ion:228 Resp: 2845789

Ion Ratio Lower Upper

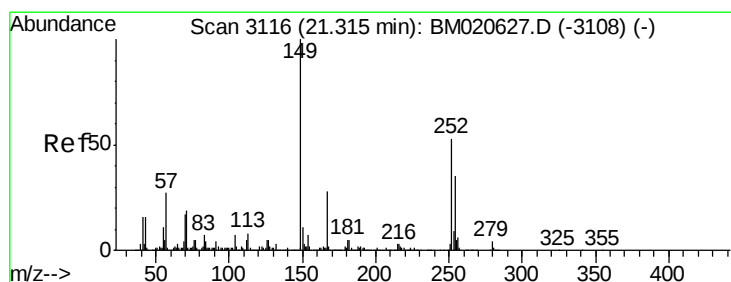
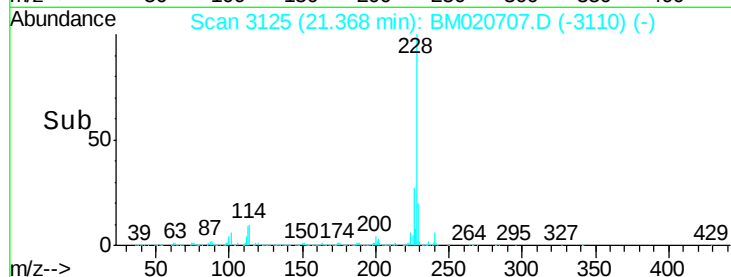
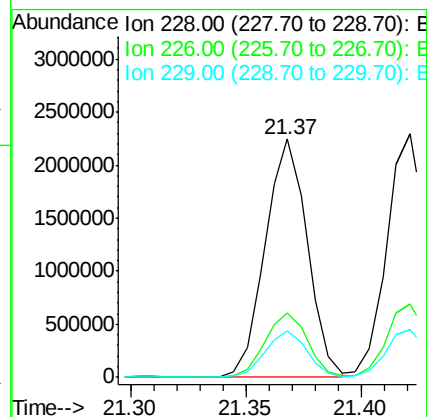
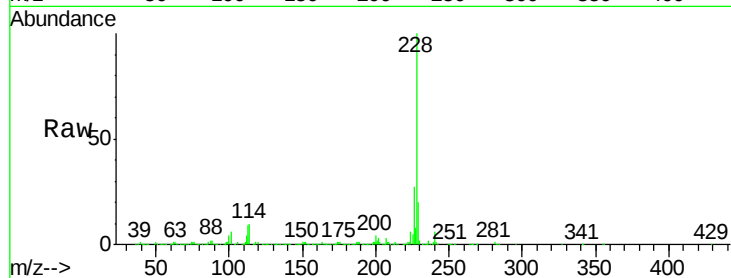
228 100

226 27.3 22.3 33.5

229 19.7 15.9 23.9

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#82

3,3'-Dichlorobenzidine

Concen: 33.544 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020707.D

Acq: 04 Jun 2019 17:36

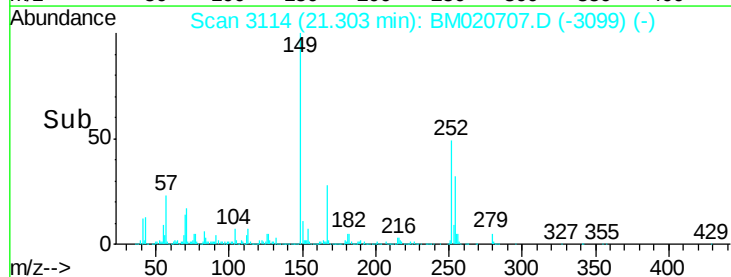
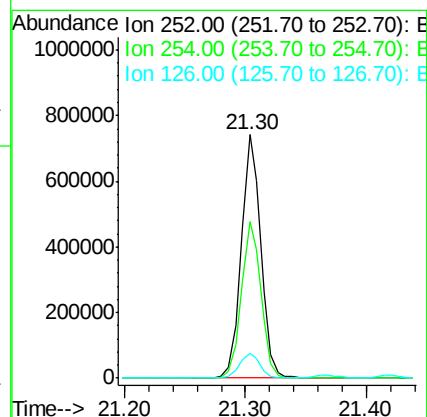
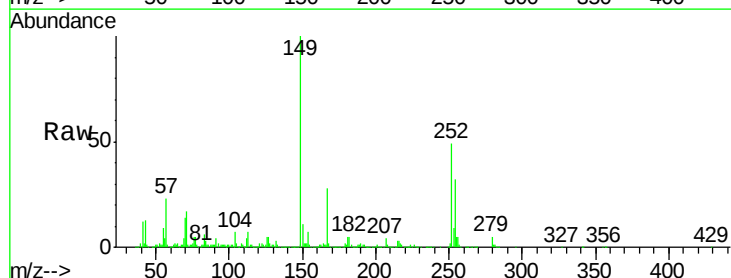
Tgt Ion:252 Resp: 836975

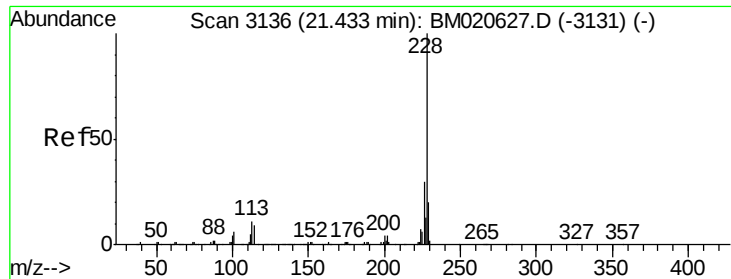
Ion Ratio Lower Upper

252 100

254 64.1 52.6 78.8

126 10.0 8.0 12.0





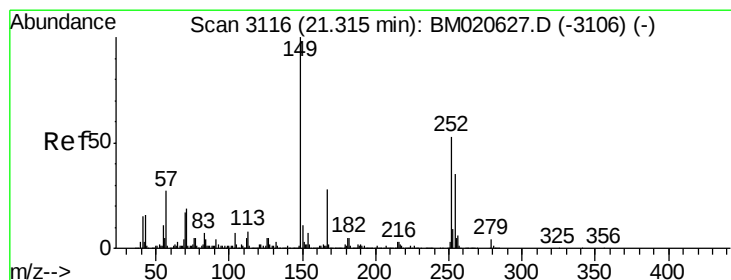
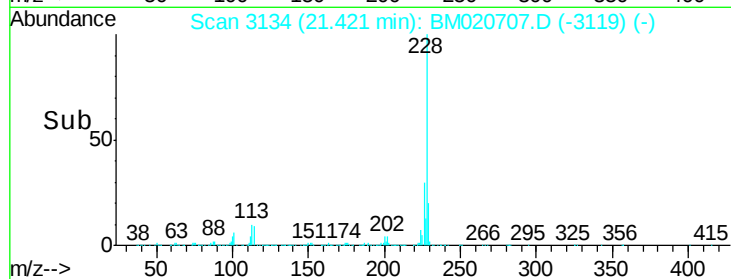
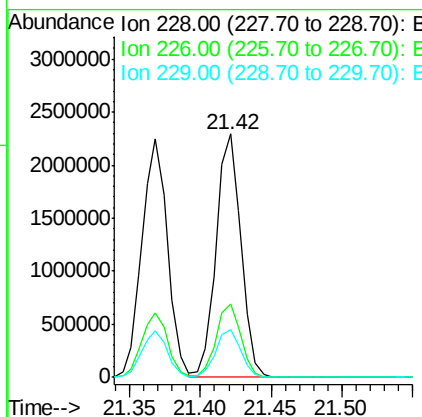
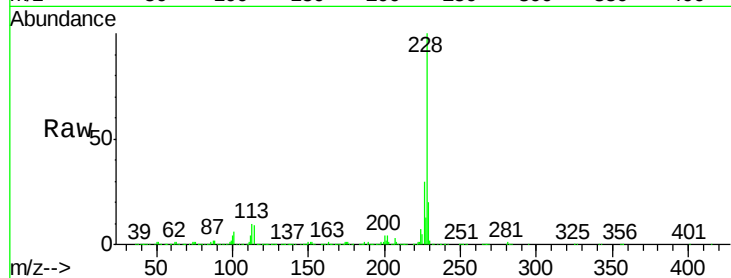
#83
Chrysene
Concen: 43.178 ng
RT: 21.42 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion: 228 Resp: 2796630
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.8 15.8 23.6

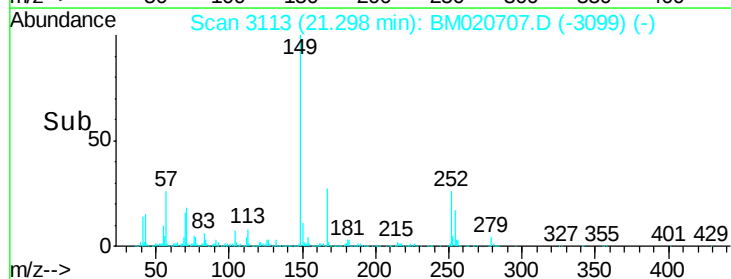
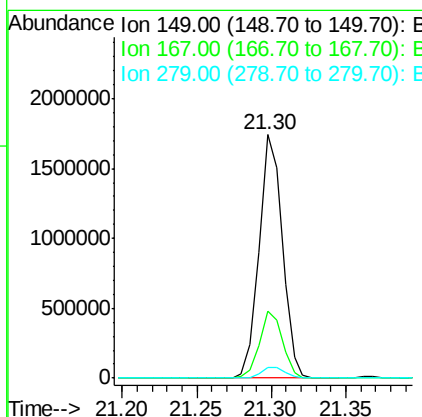
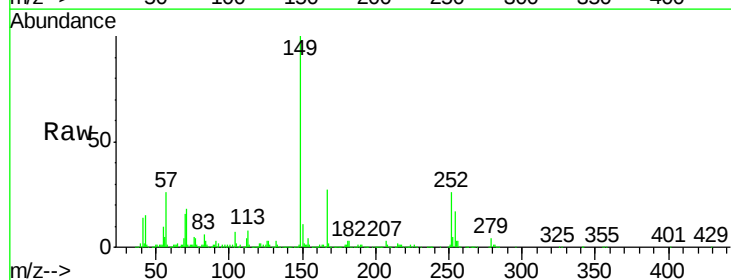
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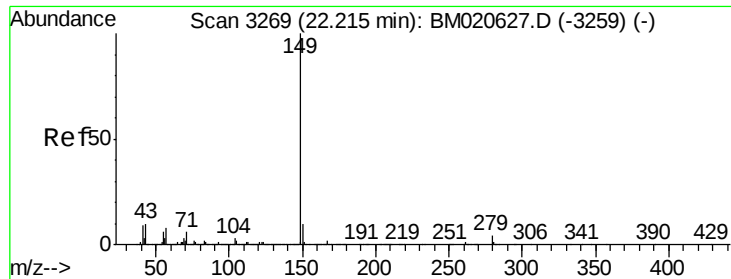
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#84
Bis(2-ethylhexyl)phthalate
Concen: 40.393 ng
RT: 21.30 min Scan# 3113
Delta R.T. -0.02 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion: 149 Resp: 1862804
Ion Ratio Lower Upper
149 100
167 27.3 22.1 33.1
279 4.2 3.4 5.0





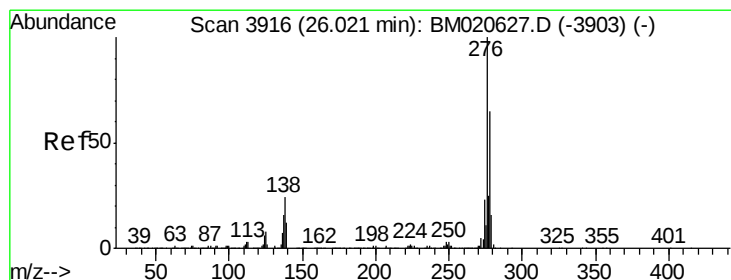
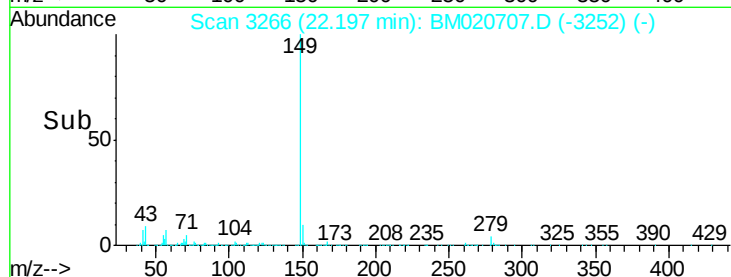
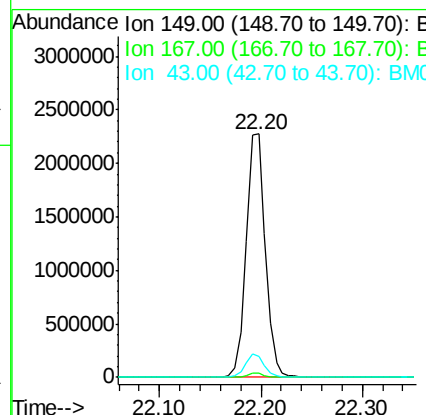
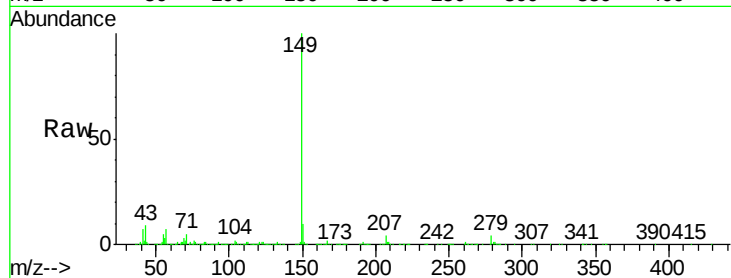
#85
Di-n-octyl phthalate
Concen: 40.530 ng
RT: 22.20 min Scan# 3266
Delta R.T. -0.02 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.2	8.2	12.4

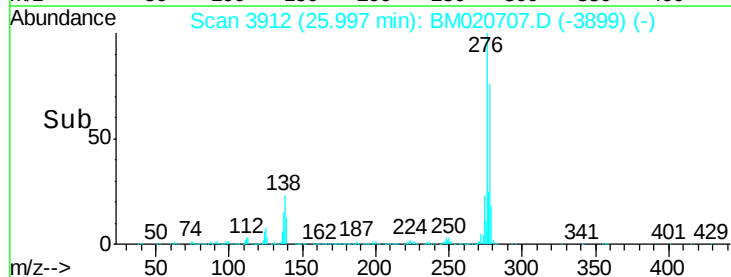
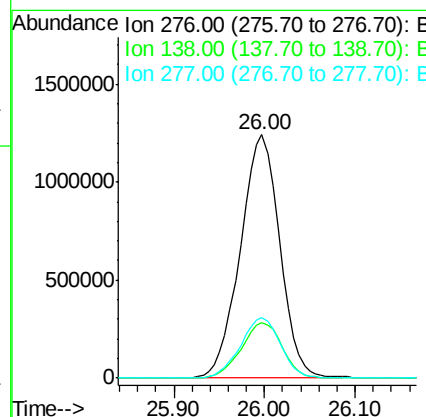
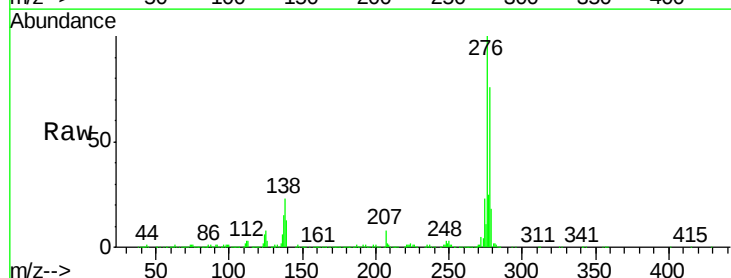
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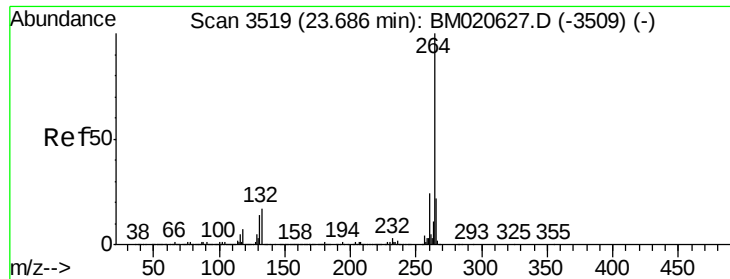
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#86
Indeno(1,2,3-cd)pyrene
Concen: 56.356 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.02 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.8	29.8
277	25.2	20.2	30.4





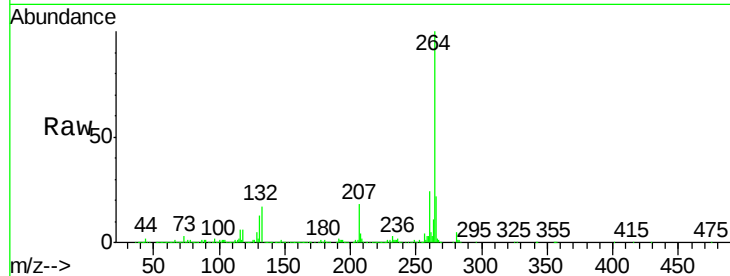
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.67 min Scan# 3516
Delta R.T. -0.02 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

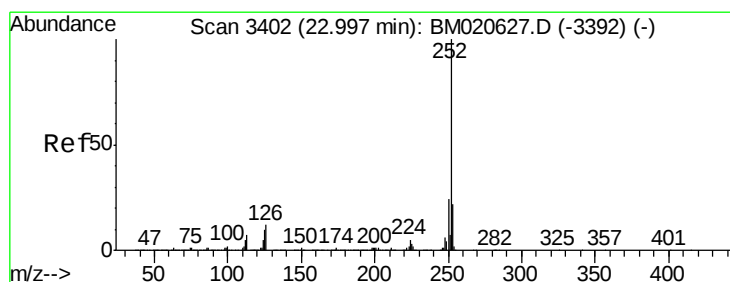
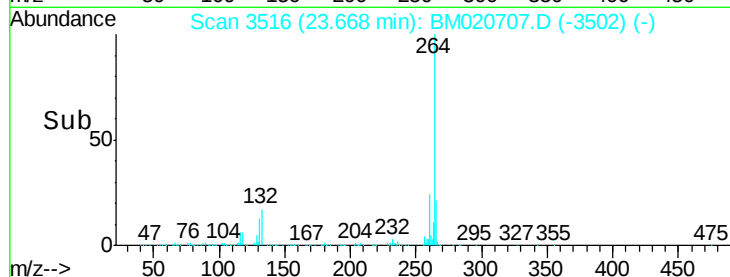
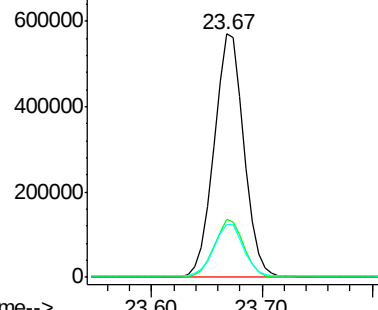
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.6	26.4

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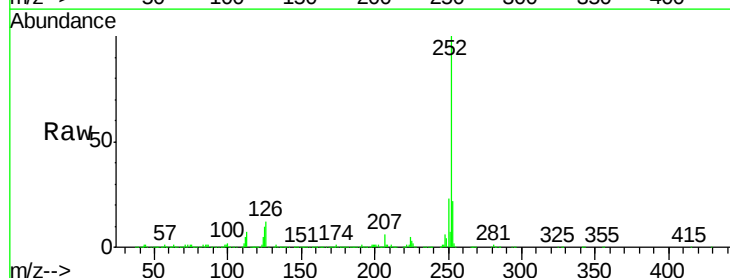


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

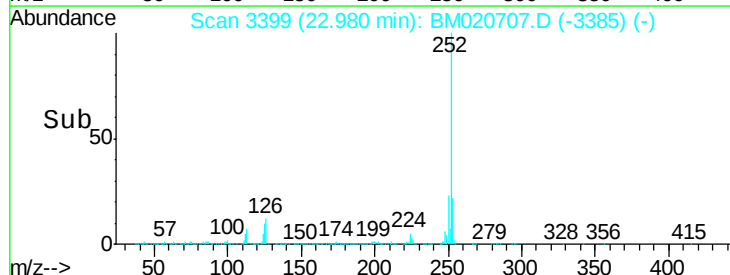
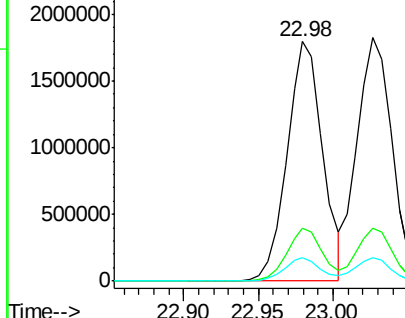


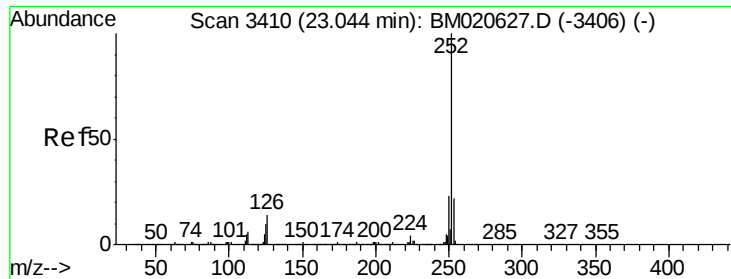
#88
Benzo(b)fluoranthene
Concen: 41.436 ng
RT: 22.98 min Scan# 3399
Delta R.T. -0.02 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.7	7.8	11.8



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





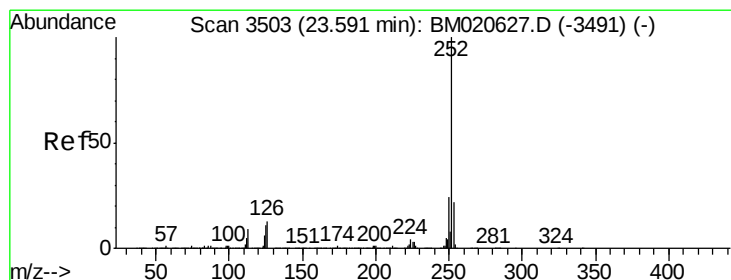
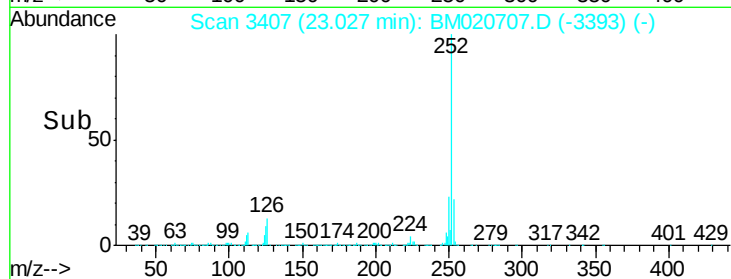
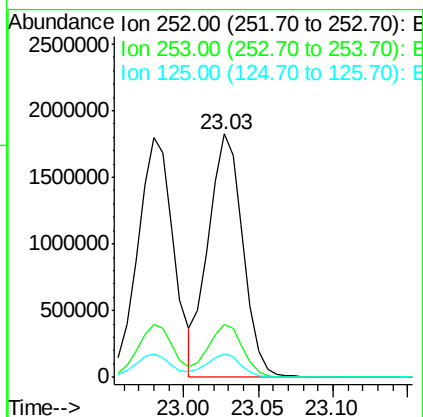
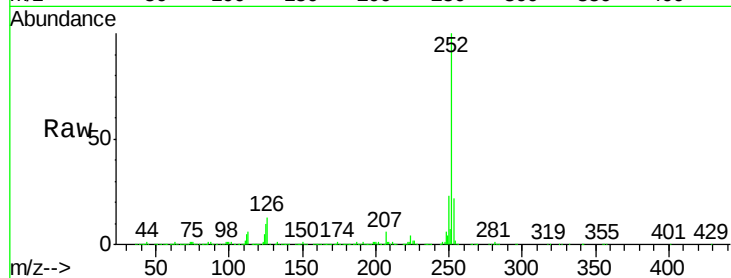
#89
Benzo(k)fluoranthene
Concen: 41.861 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion: 252 Resp: 2943531
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.5 7.8 11.8

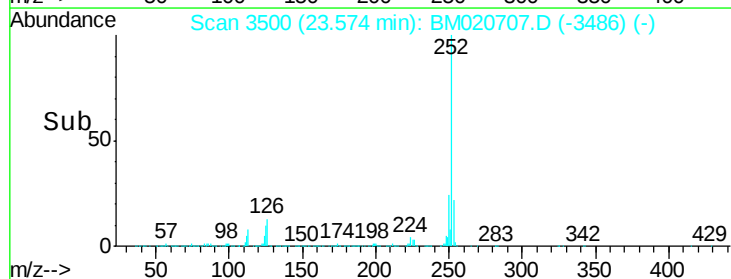
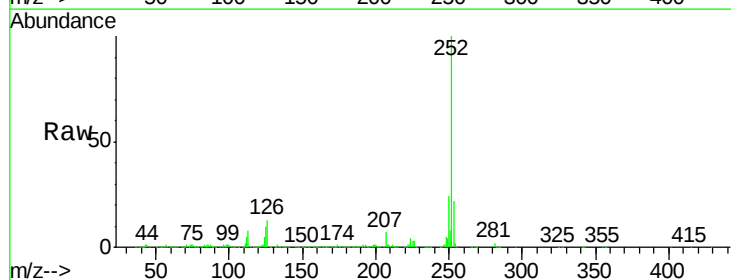
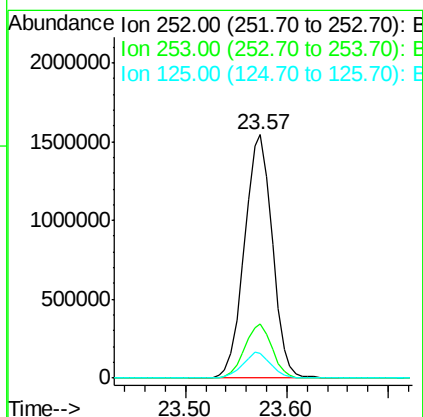
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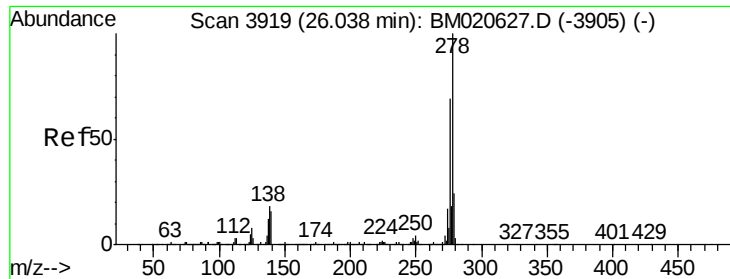
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#90
Benzo(a)pyrene
Concen: 45.148 ng
RT: 23.57 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion: 252 Resp: 2946647
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.0 8.6 13.0





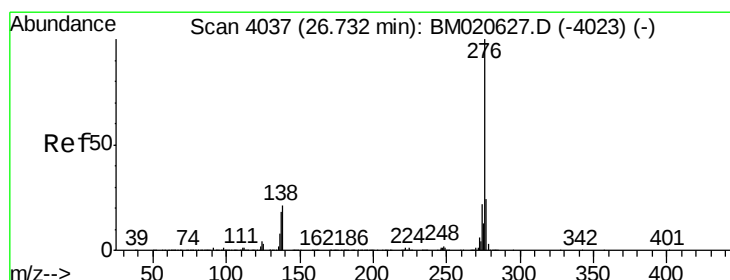
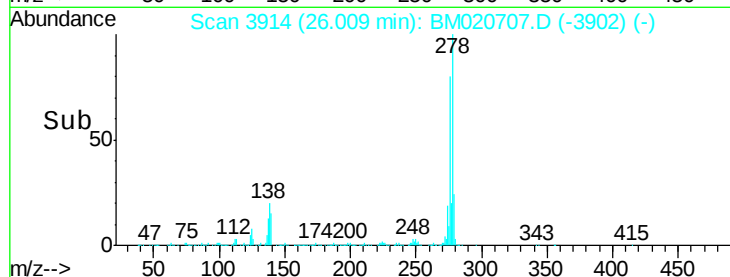
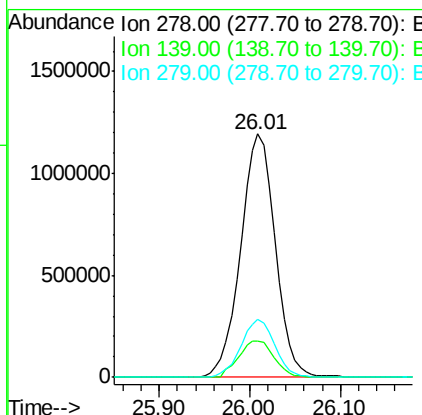
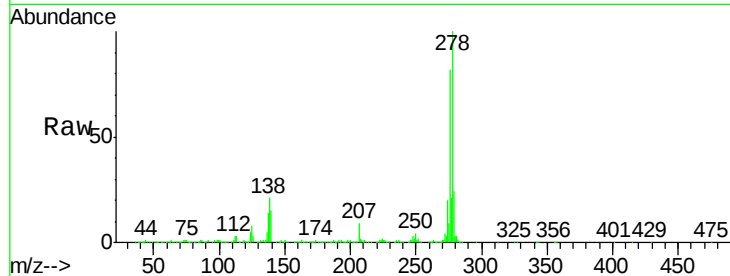
#91
Dibenzo(a,h)anthracene
Concen: 49.976 ng
RT: 26.01 min Scan# 3914
Delta R.T. -0.03 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Instrument :
BNA_M
ClientSampleId :
PB120243BS

Tgt Ion: 278 Resp: 3164435
Ion Ratio Lower Upper
278 100
139 15.0 12.6 18.8
279 23.9 19.0 28.6

Manual Integrations
APPROVED

mohammad
6/5/2019 3:41:26 PM



#92
Benzo(g,h,i)perylene
Concen: 51.720 ng
RT: 26.71 min Scan# 4033
Delta R.T. -0.02 min
Lab File: BM020707.D
Acq: 04 Jun 2019 17:36

Tgt Ion: 276 Resp: 3041884
Ion Ratio Lower Upper
276 100
277 23.8 19.2 28.8
138 20.5 17.0 25.4

