

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
 Data File : BM020121.D
 Acq On : 03 May 2019 20:40
 Operator : JU/SJ
 Sample : K2584-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7MSD

Manual Integrations
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 5/7/2019 11:59:15 PM

Quant Time: May 04 06:46:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	129873	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	463423	20.00	ng	0.00
39) Acenaphthene-d10	14.43	164	281291	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	644847	20.00	ng	0.00
76) Chrysene-d12	21.36	240	679427	20.00	ng	-0.01
87) Perylene-d12	23.64	264	789576	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	1078530	135.74	ng	0.00
7) Phenol-d6	6.95	99	1531857	141.13	ng	0.00
23) Nitrobenzene-d5	8.95	82	1089537	92.82	ng	0.00
42) 2,4,6-Tribromophenol	15.92	330	610596	139.85	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	1893770	82.83	ng	-0.01
79) Terphenyl-d14	19.80	244	3693960	94.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	115322	29.594	ng	94
3) Pyridine	3.70	79	326779	32.789	ng	98
4) n-Nitrosodimethylamine	3.62	42	128042	40.066	ng	# 90
6) Aniline	7.12	93	391644	28.663	ng	99
8) 2-Chlorophenol	7.35	128	361126	41.743	ng	97
9) Benzaldehyde	6.93	77	89817	10.933	ng	98
10) Phenol	6.98	94	516931	44.239	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	347794	40.951	ng	97
12) 1,3-Dichlorobenzene	7.67	146	385552	38.304	ng	99
13) 1,4-Dichlorobenzene	7.82	146	391438	38.496	ng	98
14) 1,2-Dichlorobenzene	8.13	146	380742	39.302	ng	98
15) Benzyl Alcohol	8.03	79	432896	41.360	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.30	45	280101	39.774	ng	98
17) 2-Methylphenol	8.22	107	325833	43.317	ng	98
18) Hexachloroethane	8.86	117	154612	36.467	ng	91
19) n-Nitroso-di-n-propylamine	8.59	70	361395	38.916	ng	95
20) 3+4-Methylphenols	8.55	107	434382	43.450	ng	98
22) Acetophenone	8.61	105	594098	46.907	ng	# 97
24) Nitrobenzene	8.99	77	536662	44.095	ng	97
25) Isophorone	9.51	82	861882	42.578	ng	99
26) 2-Nitrophenol	9.70	139	191506	52.121	ng	96
27) 2,4-Dimethylphenol	9.75	122	308892	50.496	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	474711	43.059	ng	97
29) 2,4-Dichlorophenol	10.22	162	369097	47.851	ng	98
30) 1,2,4-Trichlorobenzene	10.44	180	438368	46.187	ng	99
31) Naphthalene	10.63	128	1094169	45.498	ng	99
32) Benzoic acid	9.85	122	116401	29.672	ng	94
33) 4-Chloroaniline	10.75	127	146811	14.832	ng	98
34) Hexachlorobutadiene	10.90	225	295671	44.038	ng	98
35) Caprolactam	11.53	113	108674m	47.118	ng	
36) 4-Chloro-3-methylphenol	11.86	107	366027	40.380	ng	94
37) 2-Methylnaphthalene	12.24	142	784880	44.768	ng	99
38) 1-Methylnaphthalene	12.46	142	730575	42.613	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	508794	46.232	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.58	237	489423	75.529	ng	99
43) 2,4,6-Trichlorophenol	12.85	196	292708	46.799	ng	98
44) 2,4,5-Trichlorophenol	12.92	196	311303	44.553	ng	96
46) 1,1'-Biphenyl	13.26	154	970212	41.904	ng	98
47) 2-Chloronaphthalene	13.30	162	790479	42.761	ng	99
48) 2-Nitroaniline	13.52	65	267097	40.585	ng	93
49) Acenaphthylene	14.15	152	1108920	37.483	ng	99
50) Dimethylphthalate	13.89	163	1118739	46.794	ng	98
51) 2,6-Dinitrotoluene	14.01	165	201990	40.114	ng	98
52) Acenaphthene	14.49	154	678201	39.976	ng	99
53) 3-Nitroaniline	14.35	138	126257	27.016	ng	94
54) 2,4-Dinitrophenol	14.55	184	227838	89.238	ng	94
55) Dibenzofuran	14.83	168	1122539	39.227	ng	98
56) 4-Nitrophenol	14.65	139	372479	93.413	ng	89
57) 2,4-Dinitrotoluene	14.80	165	294106	42.984	ng	96
58) Fluorene	15.47	166	913523	38.870	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	301246	45.369	ng	97
60) Diethylphthalate	15.25	149	1004233	41.693	ng	100
61) 4-Chlorophenyl-phenylether	15.47	204	529369	39.753	ng	94
62) 4-Nitroaniline	15.51	138	210515	40.816	ng	98
63) Azobenzene	15.76	77	1065394	37.494	ng	99
65) 4,6-Dinitro-2-methylphenol	15.56	198	151962	46.899	ng	96
66) n-Nitrosodiphenylamine	15.69	169	831382	43.815	ng	98
67) 4-Bromophenyl-phenylether	16.37	248	337130	42.634	ng	94
68) Hexachlorobenzene	16.47	284	391345	43.007	ng	97
69) Atrazine	16.64	200	311637	42.026	ng	98
70) Pentachlorophenol	16.82	266	531831	102.150	ng	98
71) Phenanthrene	17.22	178	1608798	45.196	ng	100
72) Anthracene	17.31	178	1602683	45.032	ng	99
73) Carbazole	17.58	167	1487118	46.309	ng	99
74) Di-n-butylphthalate	18.14	149	1866412	48.294	ng	98
75) Fluoranthene	19.23	202	2261137	50.205	ng	100
77) Benzidine	19.43	184	645345	29.710	ng	100
78) Pyrene	19.60	202	2306660	50.567	ng	99
80) Butylbenzylphthalate	20.50	149	910336	54.878	ng	100
81) Benzo(a)anthracene	21.34	228	2373167	49.806	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	745021	40.967	ng	99
83) Chrysene	21.40	228	2334097	50.510	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	1390314	54.012	ng	99
85) Di-n-octyl phthalate	22.16	149	2402314	56.152	ng	98
86) Indeno(1,2,3-cd)pyrene	25.97	276	3070164	55.856	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	2580755	49.497	ng	100
89) Benzo(k)fluoranthene	23.00	252	2531499	53.227	ng	99
90) Benzo(a)pyrene	23.54	252	2529128	53.403	ng	99
91) Dibenzo(a,h)anthracene	25.99	278	2604867	52.889	ng	99
92) Benzo(g,h,i)perylene	26.69	276	2532675	54.163	ng	99

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

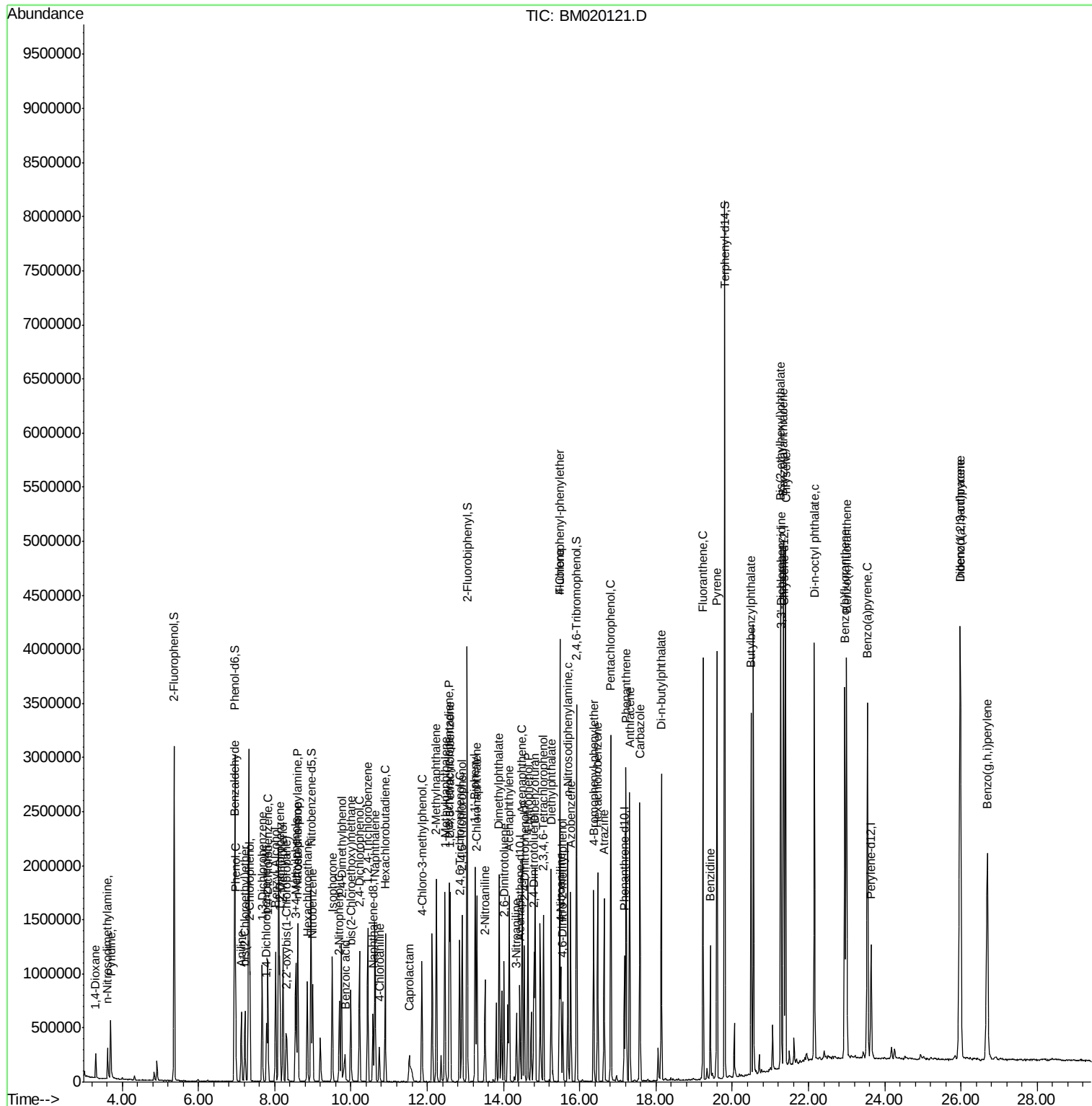
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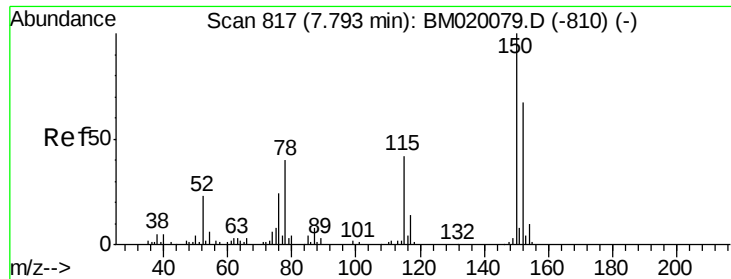
Instrument :
BNA_M
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#1

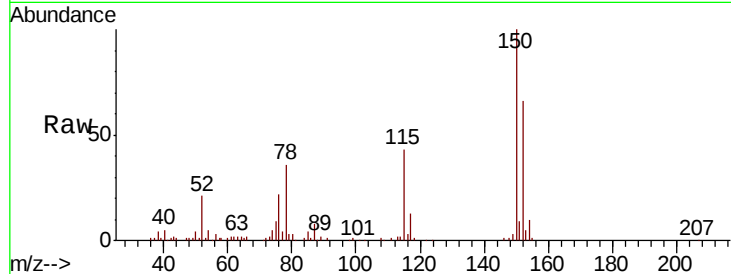
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

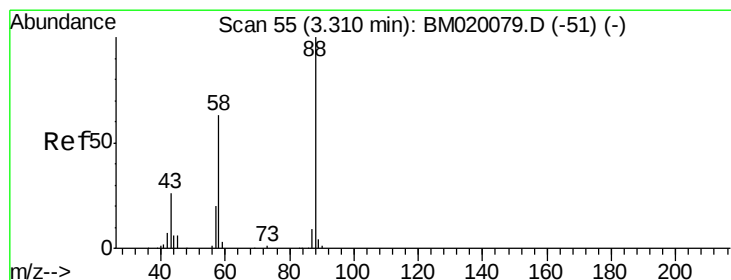
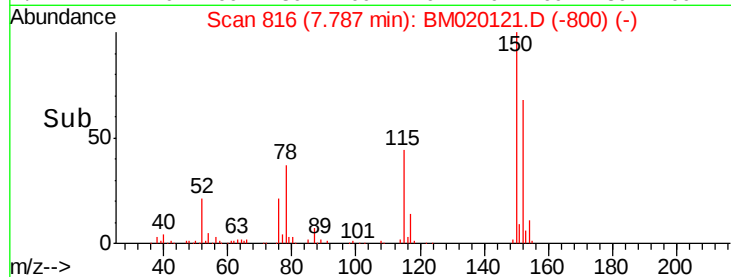
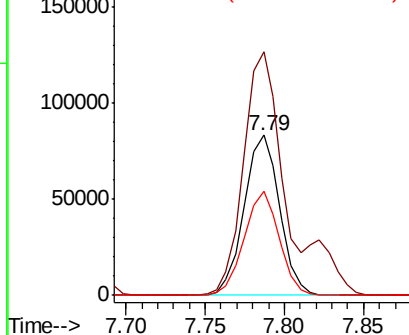
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	119.8	179.8
115	64.6	50.8	76.2

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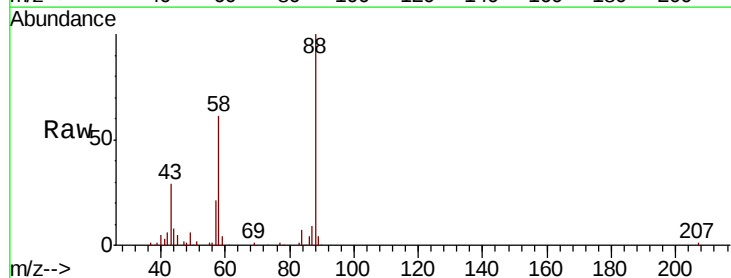
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



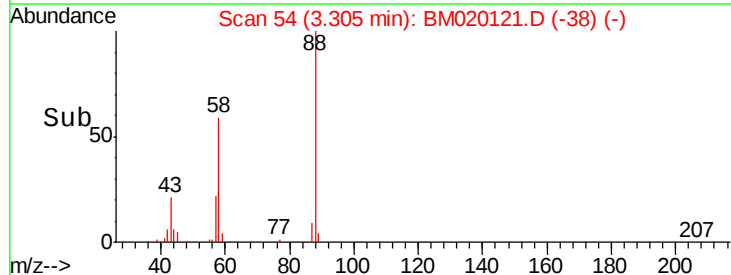
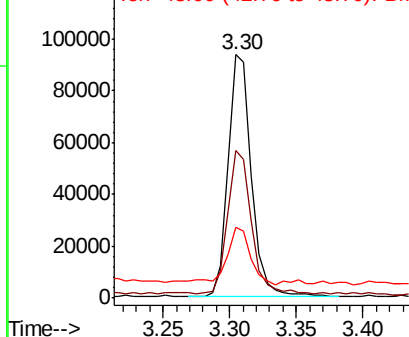
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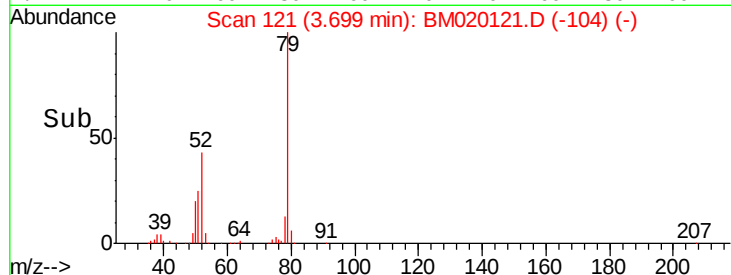
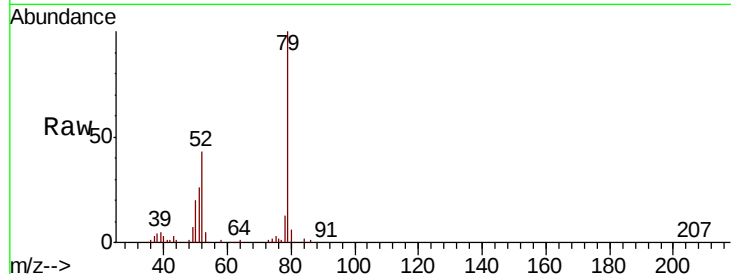
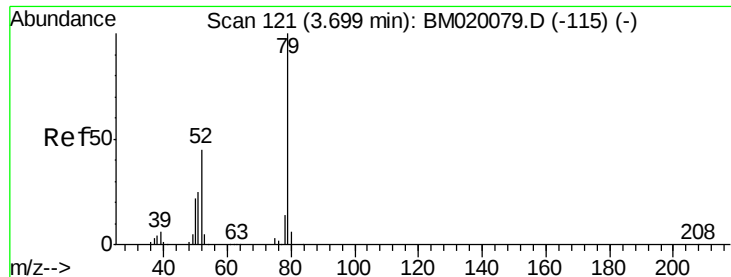
1,4-Dioxane
Concen: 29.594 ng
RT: 3.30 min Scan# 54
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.3	51.8	77.6
43	23.9	20.3	30.5



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





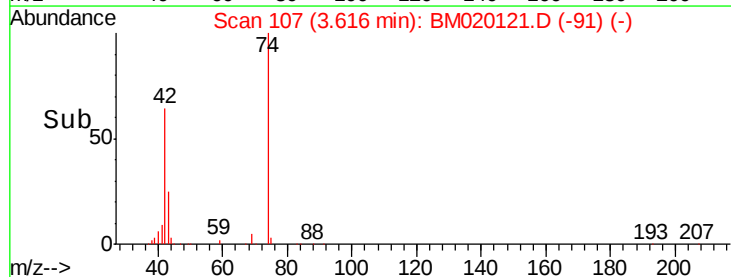
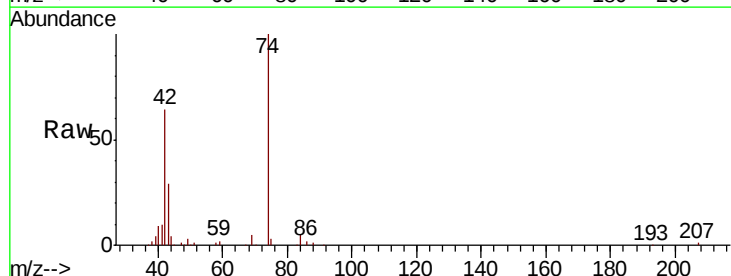
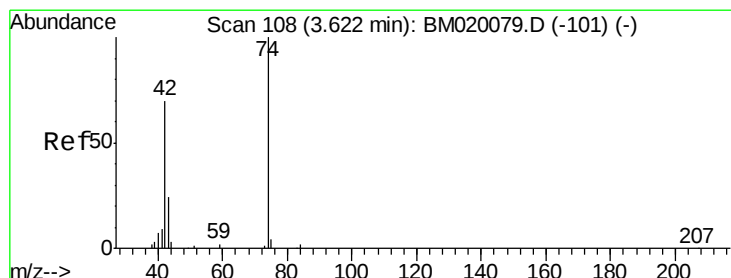
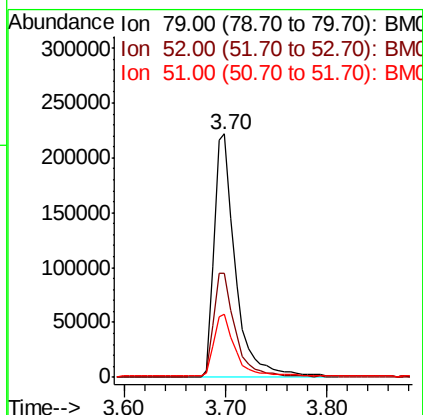
#3
 Pvridine
 Concen: 32.789 ng
 RT: 3.70 min Scan# 121
 Delta R.T. 0.00 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	42.8	35.7	53.5
51	26.0	20.8	31.2

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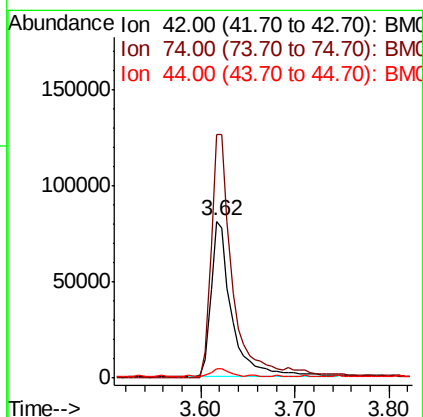
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#4
 n-Nitrosodimethylamine
 Concen: 40.066 ng
 RT: 3.62 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.1	113.7	170.5
44	6.2	3.9	5.9





#5

2-Fluorophenol

Concen: 135.745 ng

RT: 5.36 min Scan# 404

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

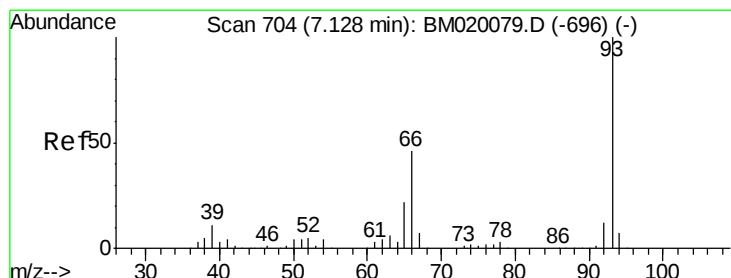
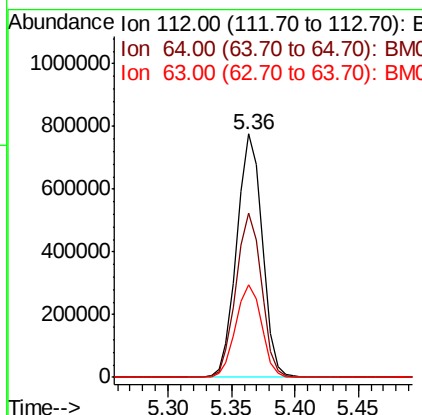
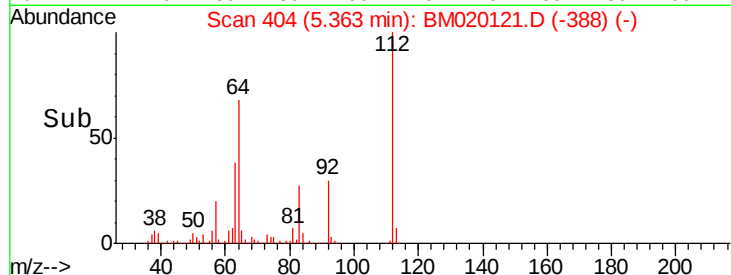
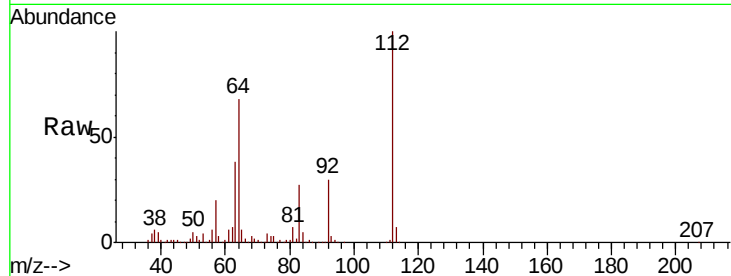
ClientSampleId :

SSSI-0419-S-DH-7MSD

Tot Ion:	112	Resp:	1078530
Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.8	80.6
63	38.3	32.3	48.5

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#6

Aniline

Concen: 28.663 ng

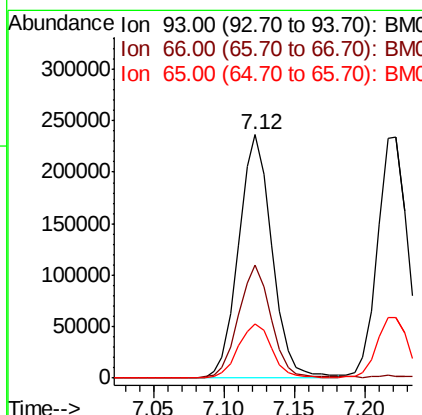
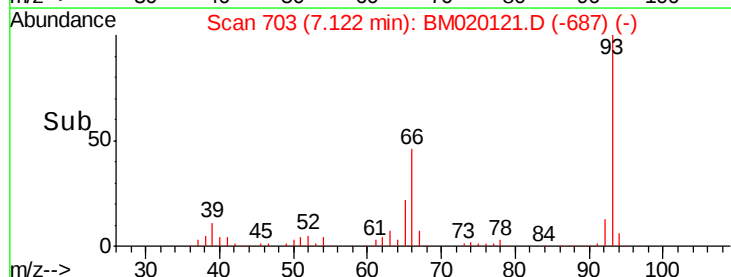
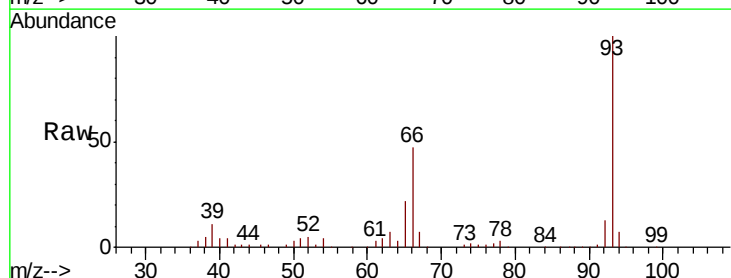
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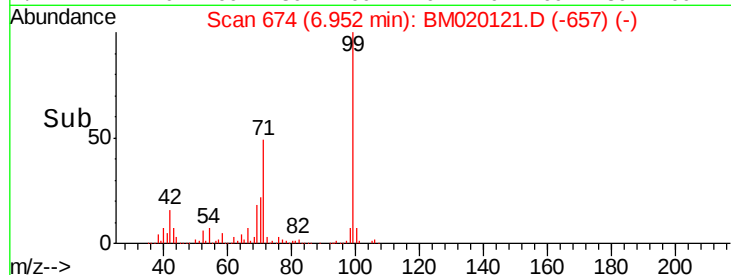
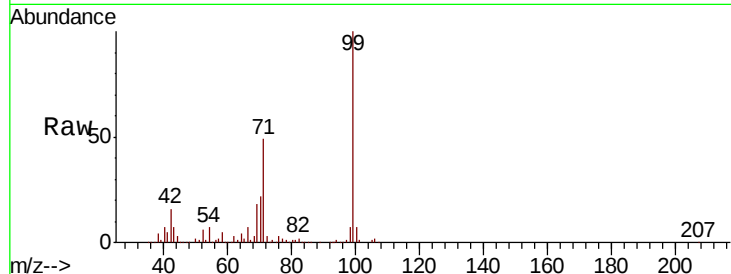
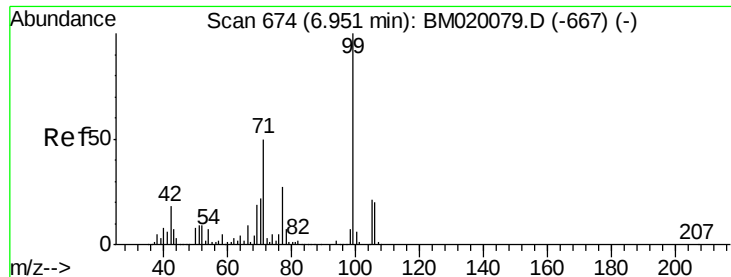
Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion:	93	Resp:	391644
Ion	Ratio	Lower	Upper
93	100		
66	46.6	36.6	54.8
65	22.3	17.8	26.6





#7

Phenol-d6

Concen: 141.128 ng

RT: 6.95 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tot Ion:	99	Resp:	1531857
Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.2	21.2
71	49.1	40.3	60.5

Instrument :

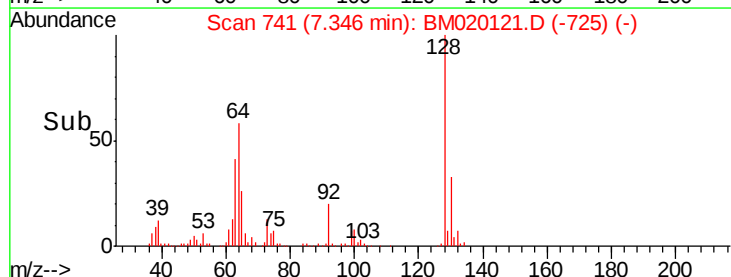
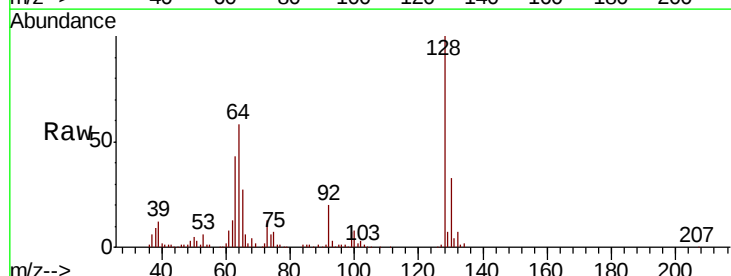
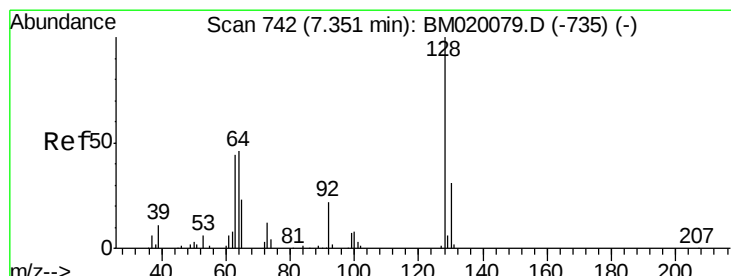
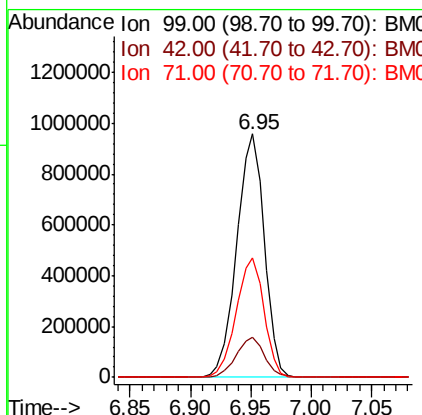
BNA_M

ClientSampleId :

SSSI-0419-S-DH-7MSD

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#8

2-Chlorophenol

Concen: 41.743 ng

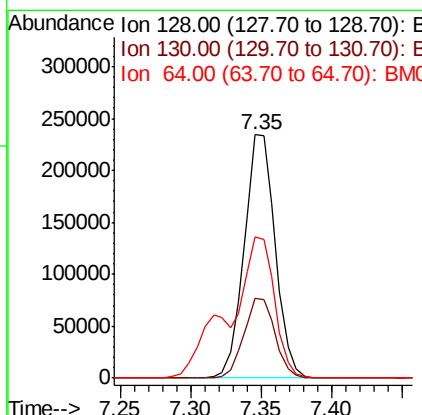
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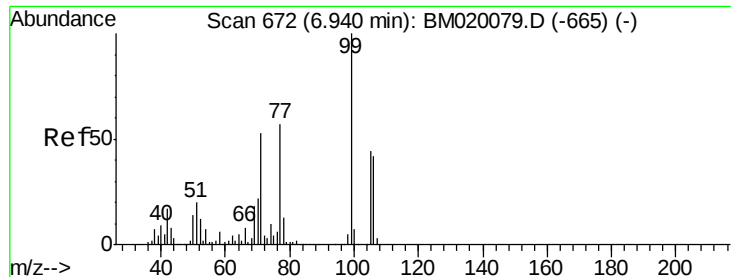
Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion:	128	Resp:	361126
Ion	Ratio	Lower	Upper
128	100		
130	32.7	10.8	50.8
64	58.0	36.5	76.5





#9

Benzaldehyde

Concen: 10.933 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

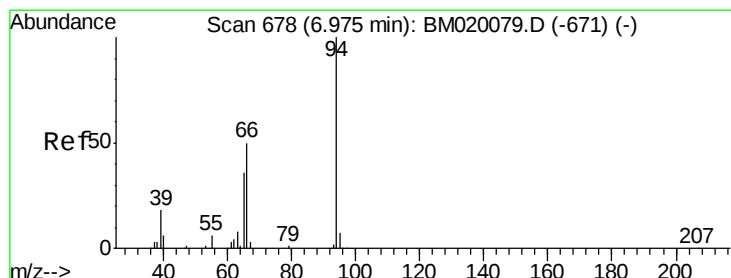
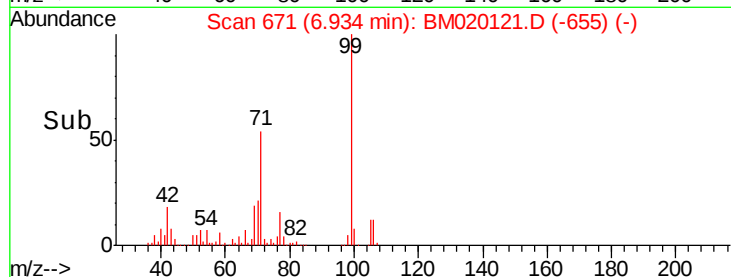
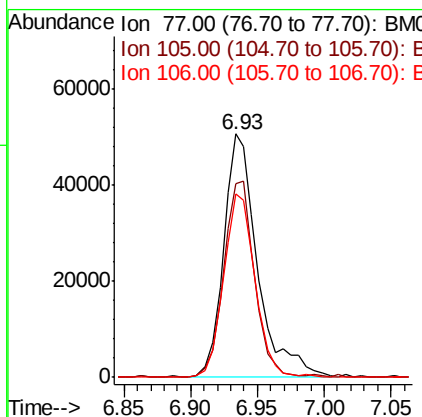
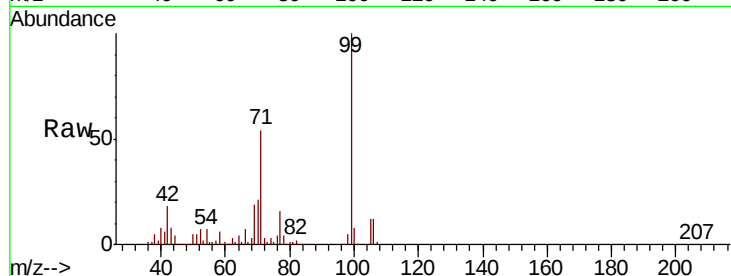
ClientSampleId :

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Tot Ion:	77	Resp:	89817
Ion Ratio	Lower	Upper	
77	100		
105	79.5	57.8	97.8
106	75.3	53.6	93.6

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#10

Phenol

Concen: 44.239 ng

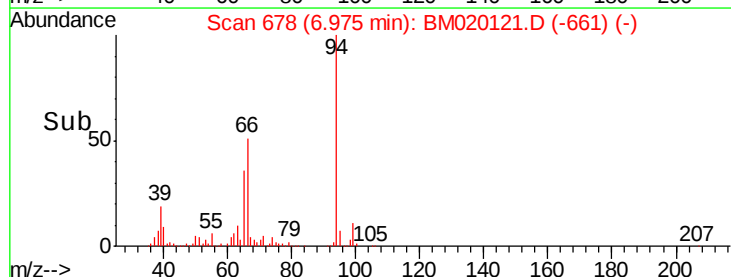
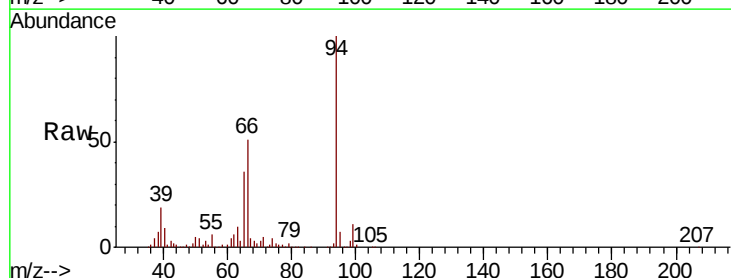
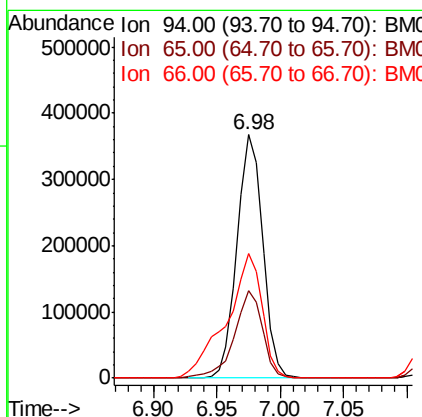
RT: 6.98 min Scan# 678

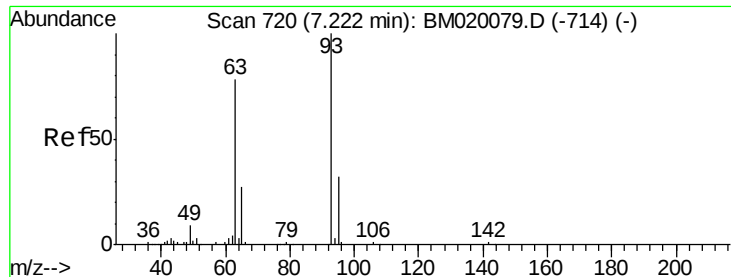
Delta R.T. 0.00 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion:	94	Resp:	516931
Ion Ratio	Lower	Upper	
94	100		
65	36.0	17.0	57.0
66	51.2	34.5	74.5





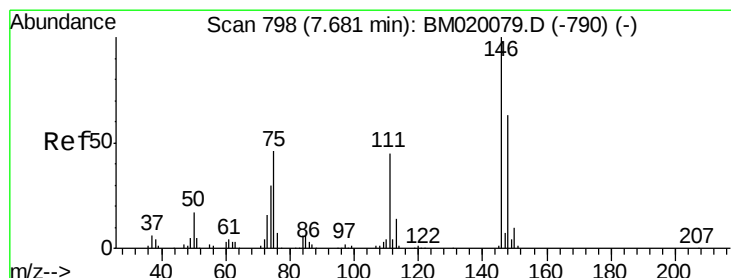
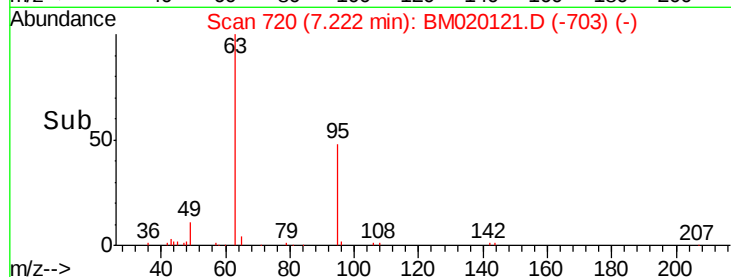
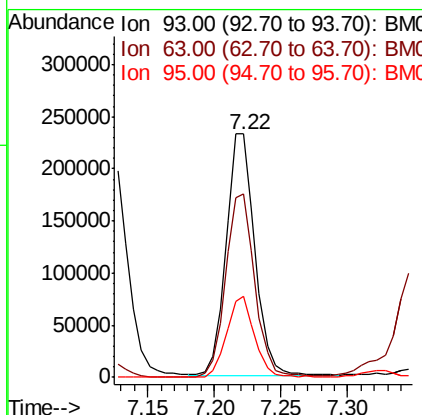
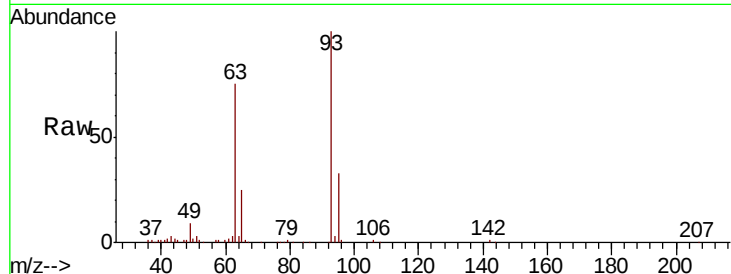
#11
bis(2-Chloroethyl)ether
Concen: 40.951 ng
RT: 7.22 min Scan# 720
Delta R.T. 0.00 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	75.5	57.9	97.9	
95	33.2	11.3	51.3	

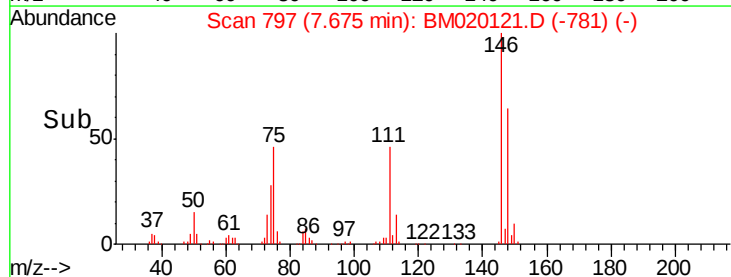
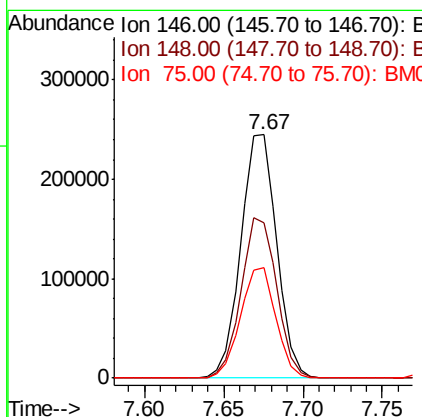
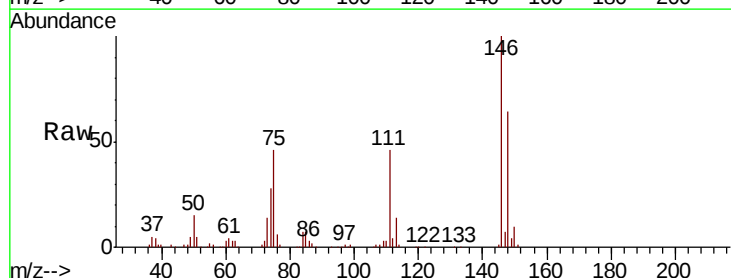
Manual Integrations
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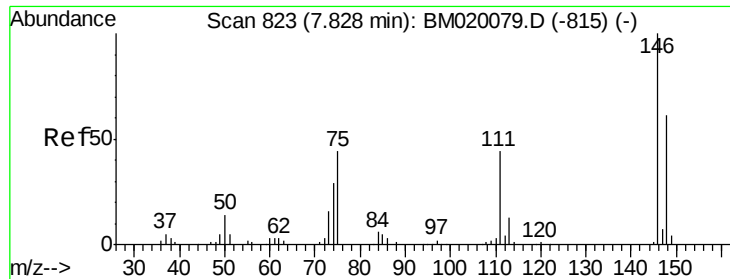
mohammad
5/7/2019 11:59:15 PM



#12
1,3-Dichlorobenzene
Concen: 38.304 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.6	50.1	75.1	
75	45.5	37.2	55.8	





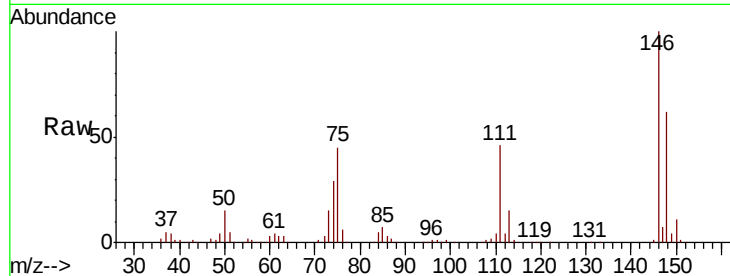
#13
 1,4-Dichlorobenzene
 Concen: 38.496 ng
 RT: 7.82 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	48.5	72.7
111	45.5	35.7	53.5

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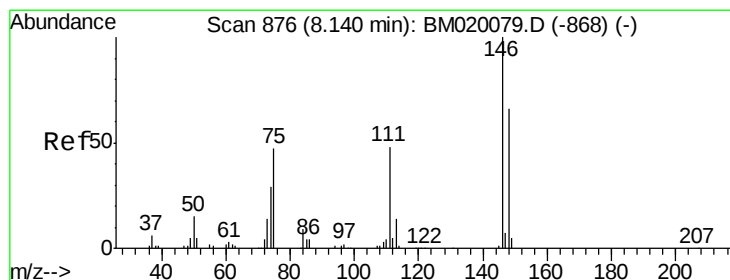
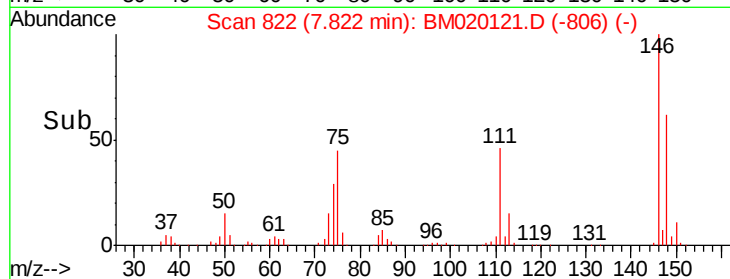
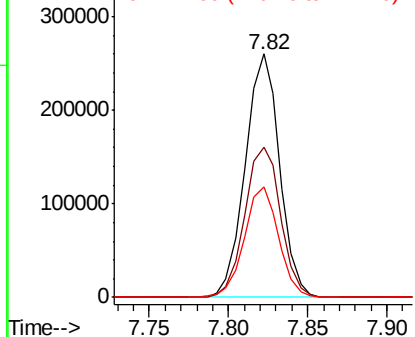


Abundance

Ion 146.00 (145.70 to 146.70): E

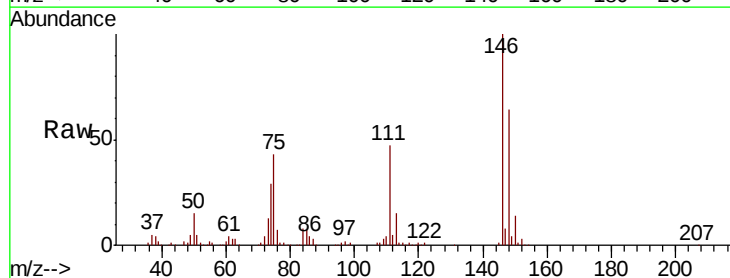
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.302 ng
 RT: 8.13 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.6	79.0
111	47.1	39.0	58.4

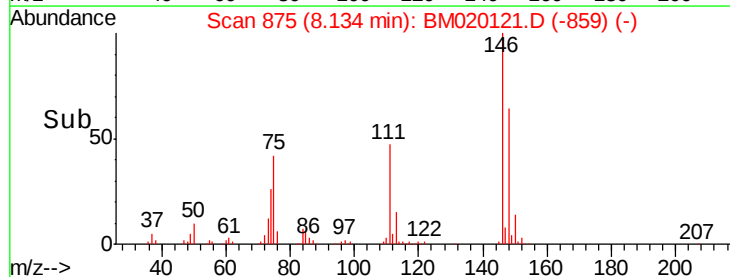
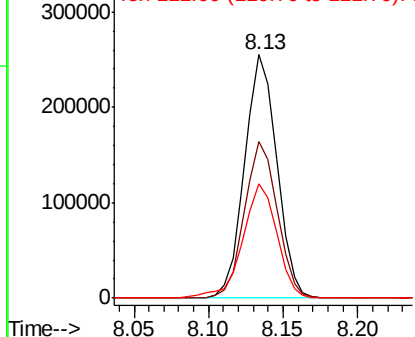


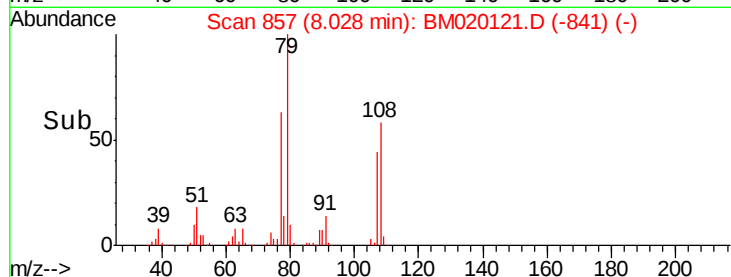
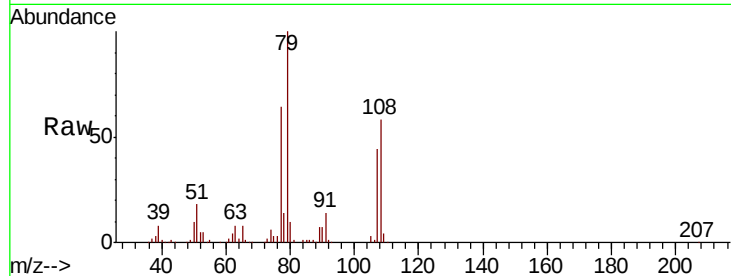
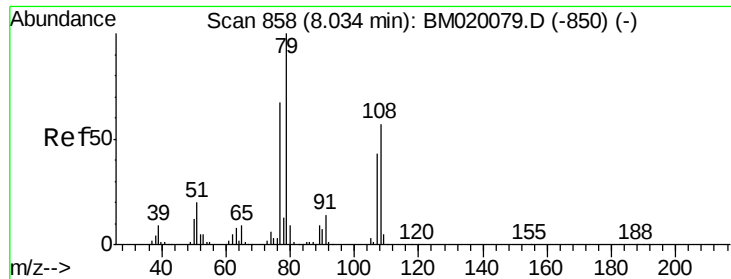
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





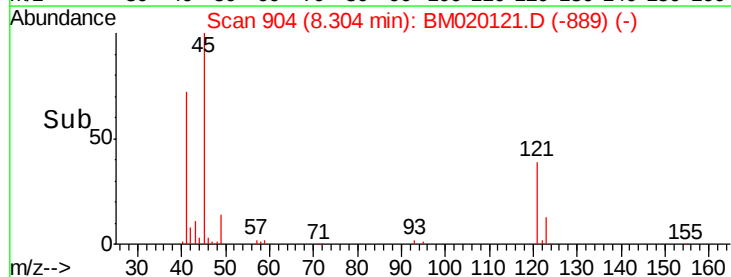
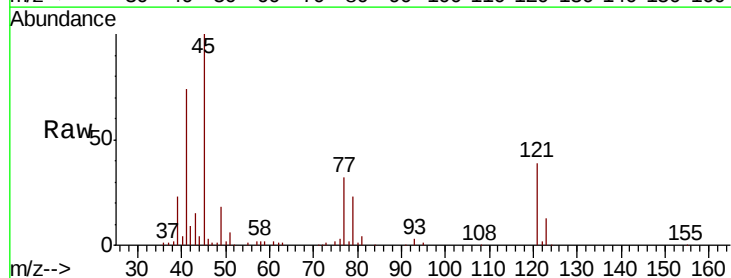
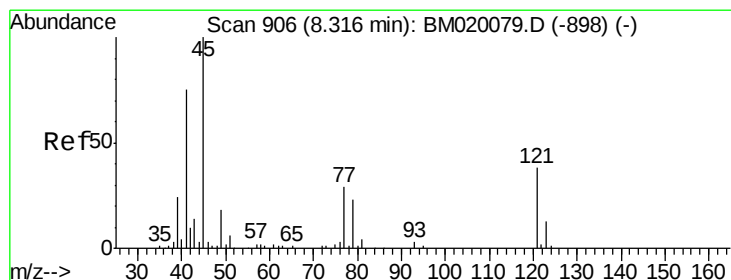
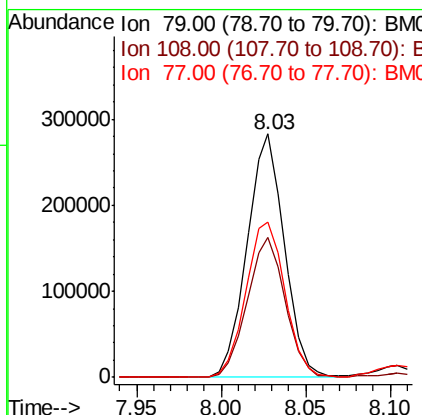
#15
Benzyl Alcohol
Concen: 41.360 ng
RT: 8.03 min Scan# 857
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	57.6	46.0	69.0	
77	63.6	53.8	80.6	

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

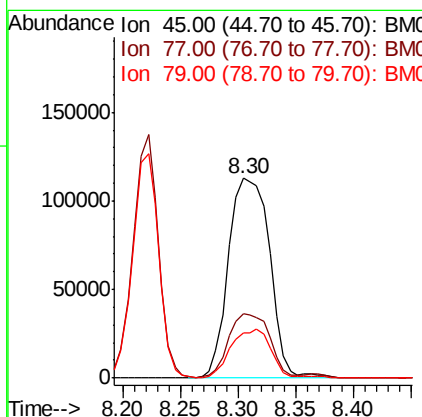
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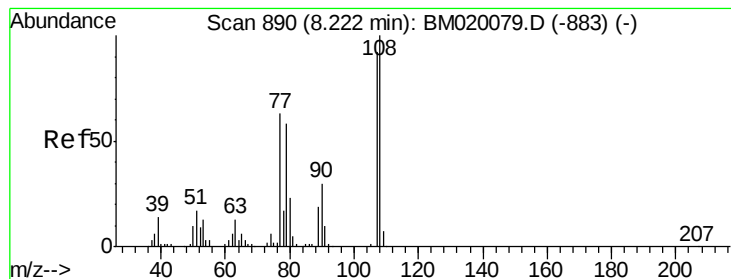
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.774 ng
RT: 8.30 min Scan# 904
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	32.0	10.5	50.5	
79	22.6	3.3	43.3	





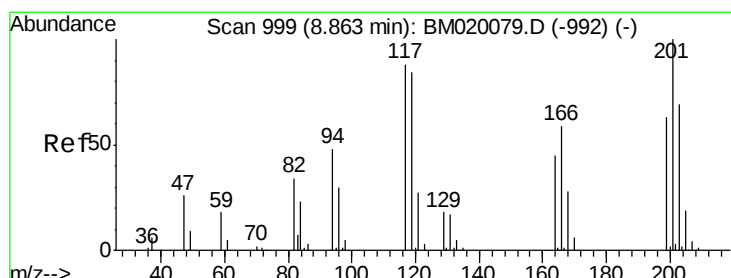
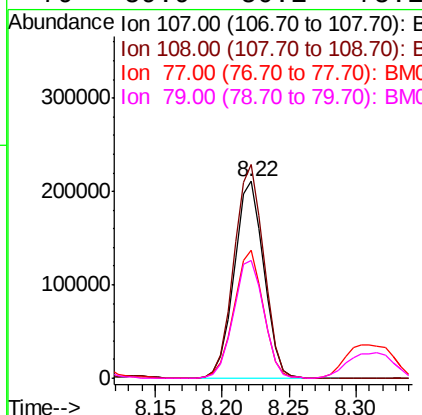
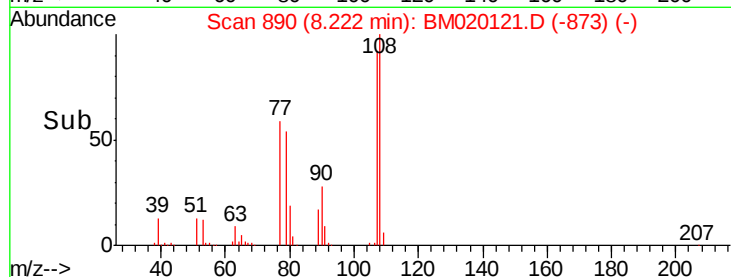
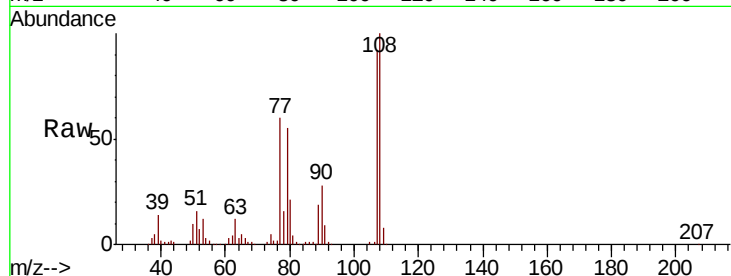
#17
2-Methylphenol
Concen: 43.317 ng
RT: 8.22 min Scan# 890
Delta R.T. 0.00 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	108.4	87.0	130.4	
77	65.1	54.7	82.1	
79	59.9	50.1	75.1	

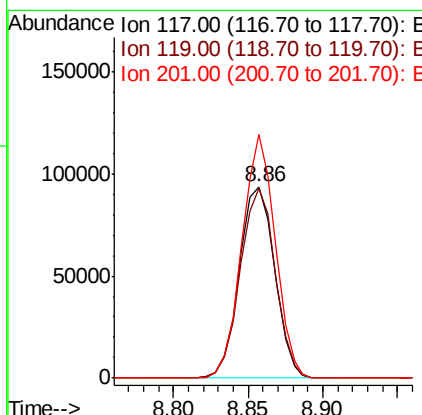
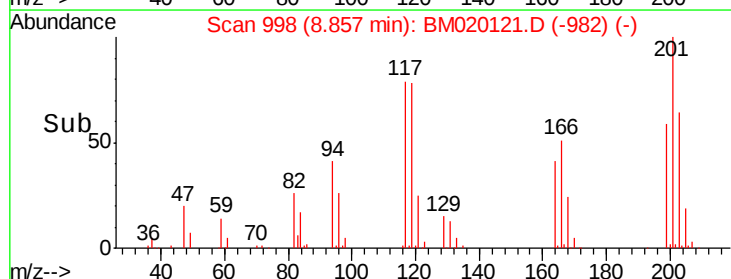
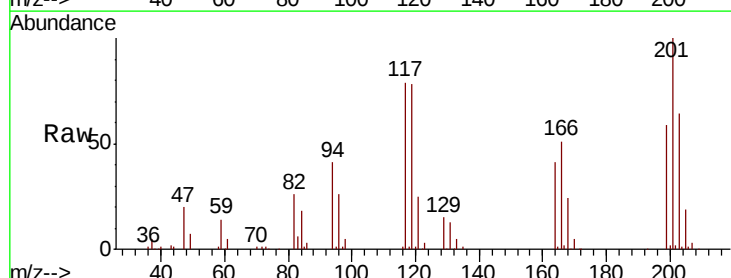
Manual Integrations
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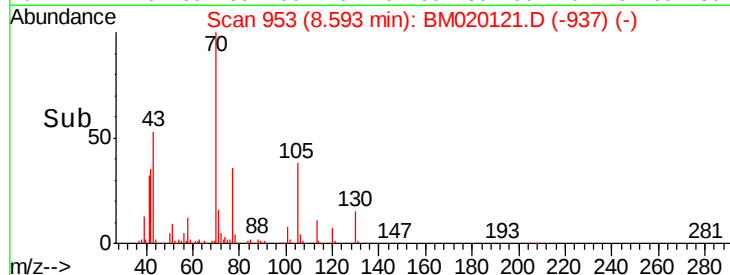
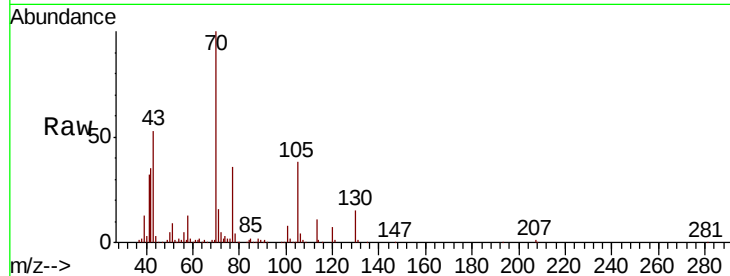
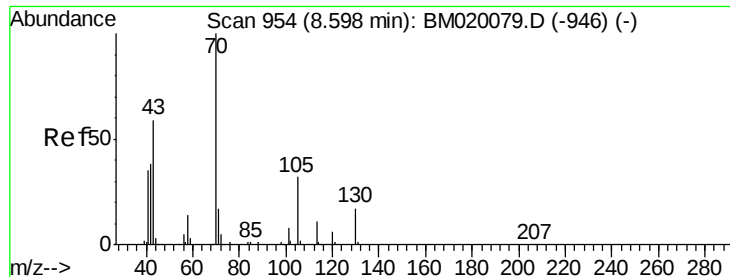
mohammad
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#18
Hexachloroethane
Concen: 36.467 ng
RT: 8.86 min Scan# 998
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.2	76.6	114.8	
201	127.1	90.7	136.1	





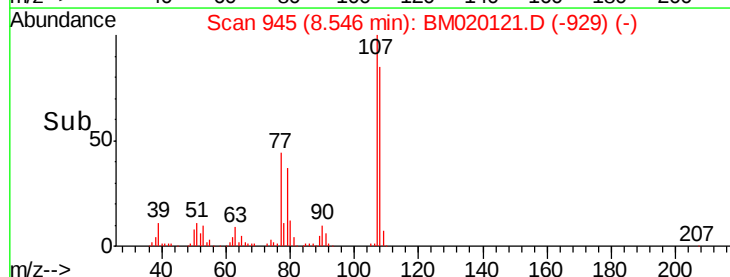
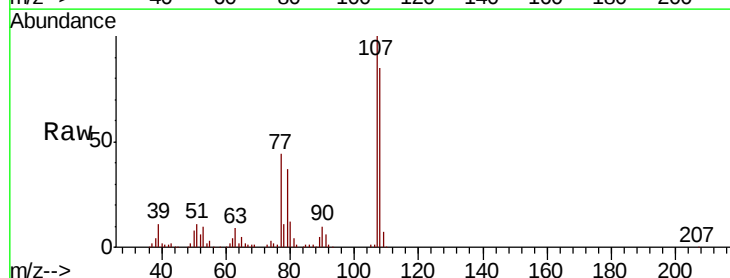
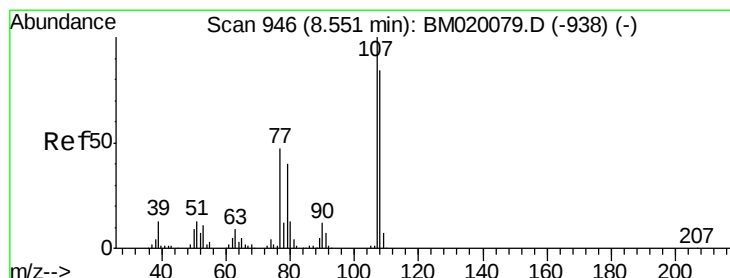
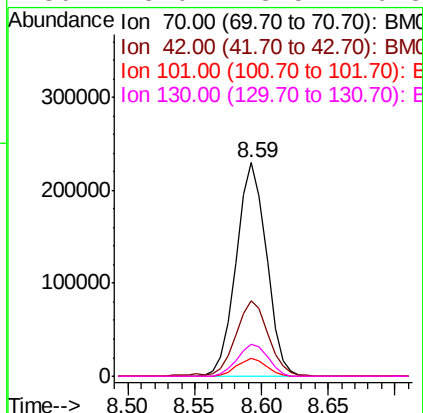
#19
n-Nitroso-di-n-propylamine
Concen: 38.916 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		361395		
42	35.4	31.0	46.4		
101	8.5	6.2	9.2		
130	15.0	13.5	20.3		

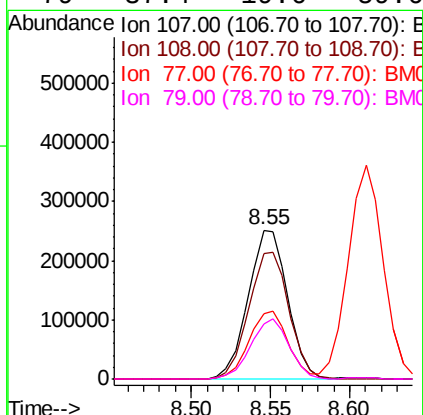
Manual Integrations
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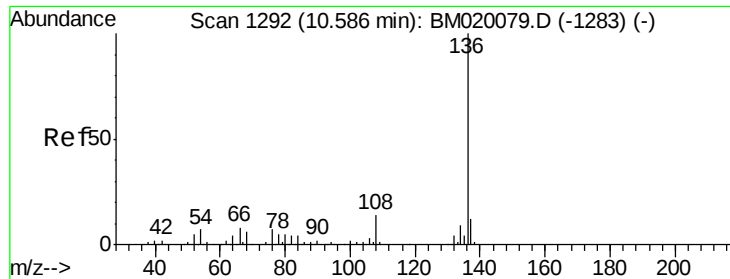
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#20
3+4-Methylphenols
Concen: 43.450 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		434382		
108	84.6	64.4	104.4		
77	44.4	27.2	67.2		
79	37.4	19.6	59.6		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.58 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

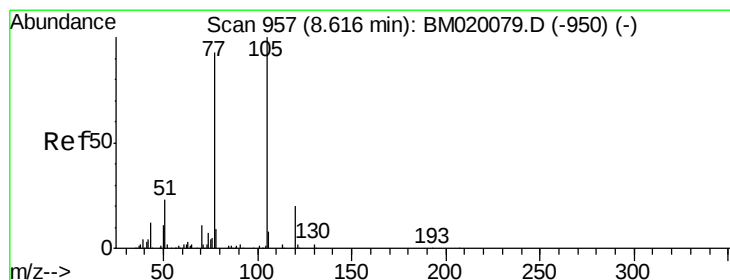
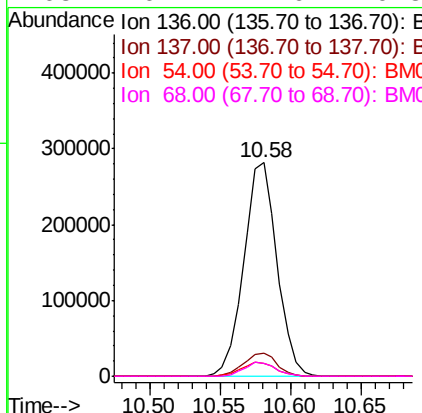
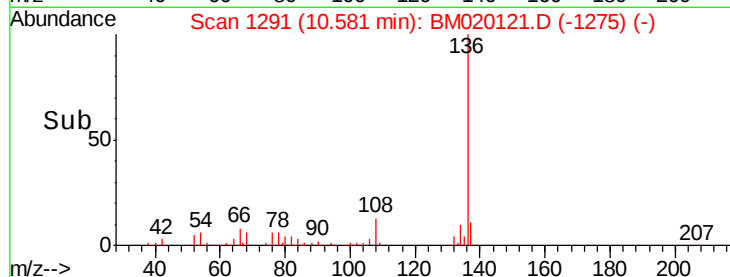
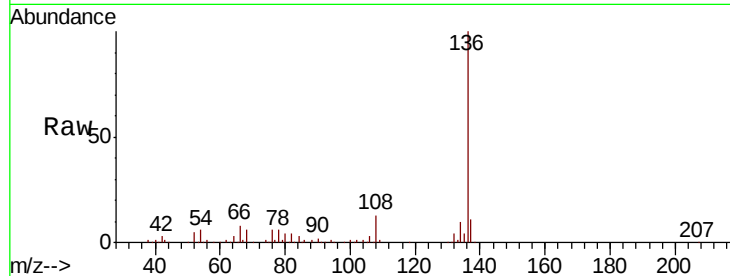
ClientSampleId :

SSSI-0419-S-DH-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		463423		
137	10.7		9.6	14.4	
54	5.9		5.5	8.3	
68	6.2		4.6	6.8	

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#22

Acetophenone

Concen: 46.907 ng

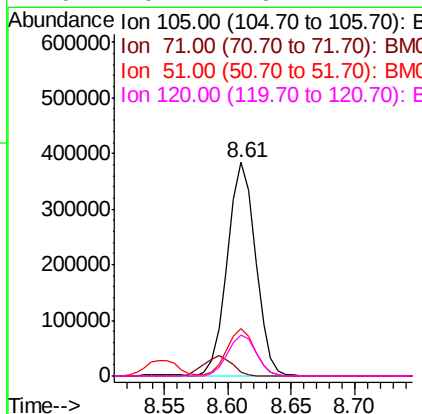
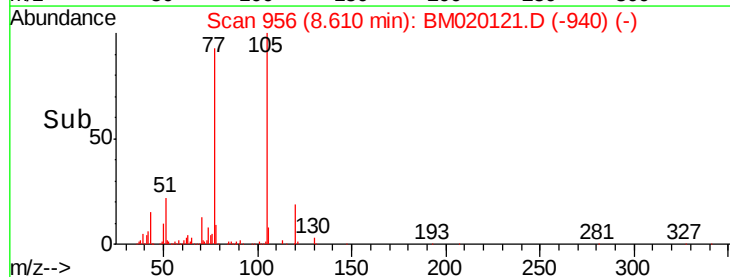
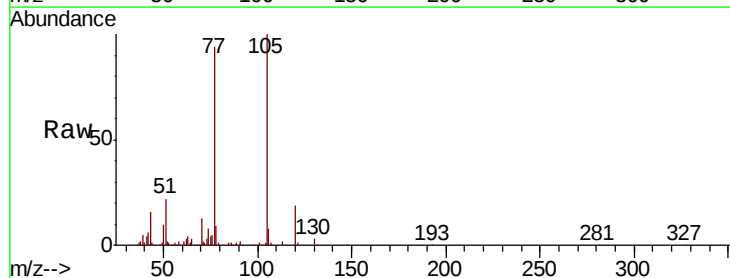
RT: 8.61 min Scan# 956

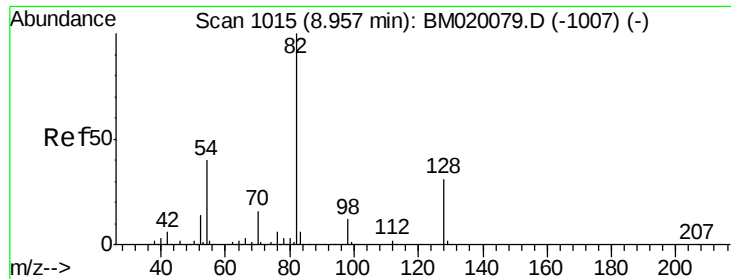
Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		594098		
71	2.1		2.2	3.2	
51	22.1		19.3	28.9	
120	19.1		16.2	24.4	





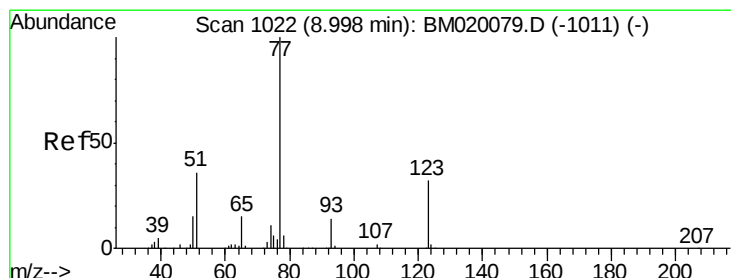
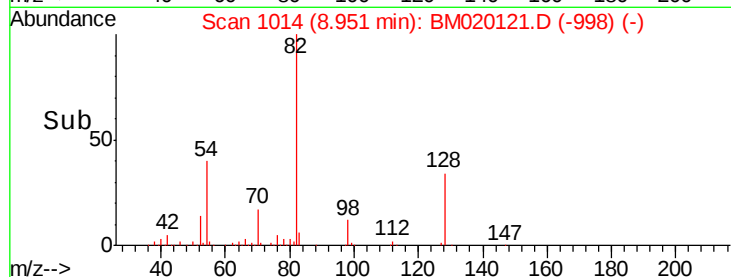
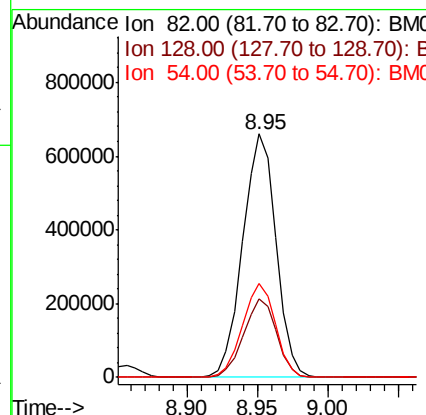
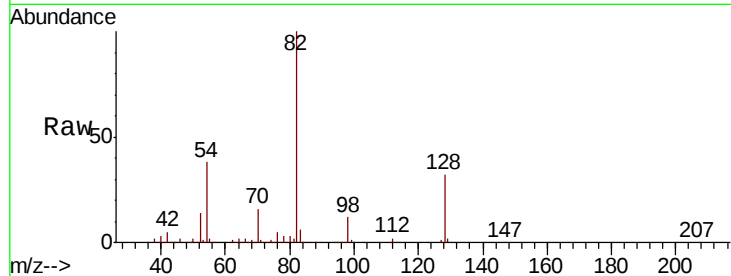
#23
 Nitrobenzene-d5
 Concen: 92.820 ng
 RT: 8.95 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7MSD

Tot Ion	82	Resp	1089537
Ion Ratio	100	Lower	Upper
128	32.2	25.2	37.8
54	38.5	31.9	47.9

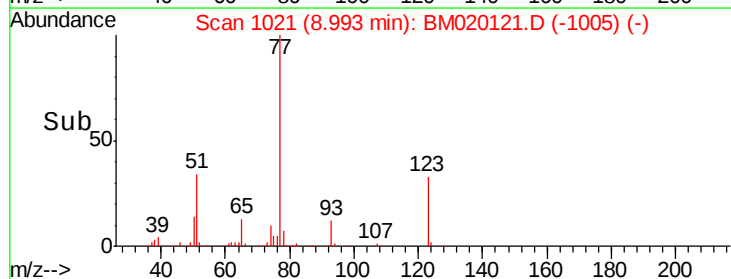
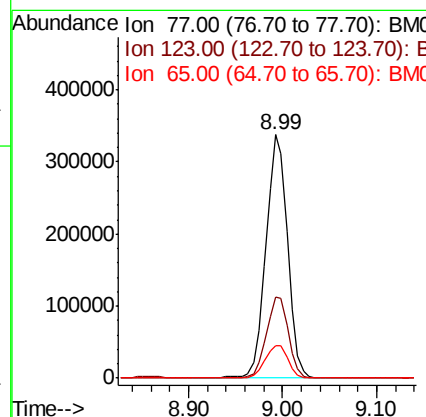
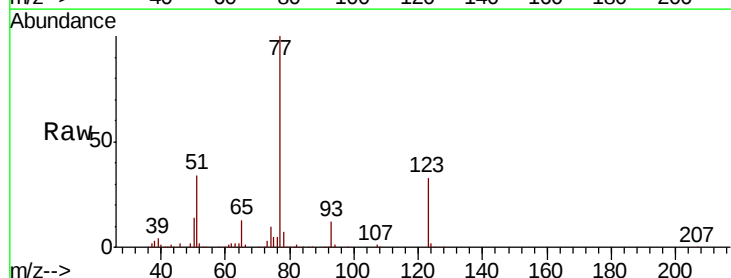
Manual Integrations
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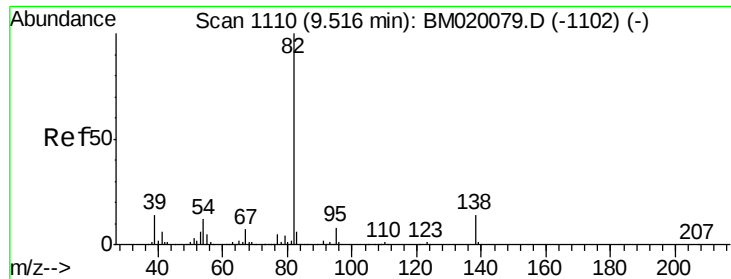
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#24
 Nitrobenzene
 Concen: 44.095 ng
 RT: 8.99 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	77	Resp	536662
Ion Ratio	100	Lower	Upper
123	33.3	25.5	38.3
65	13.5	11.8	17.6





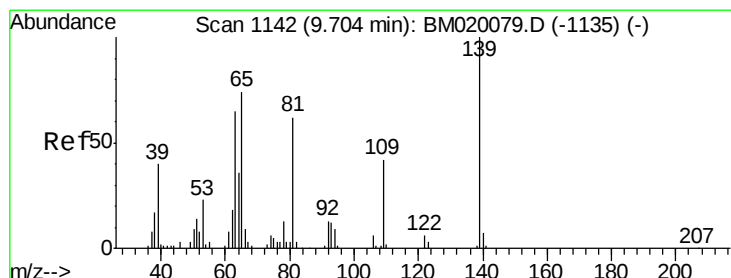
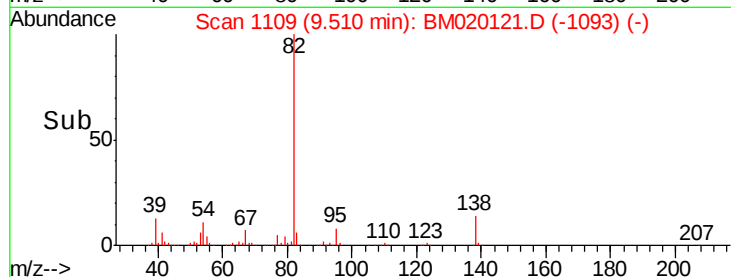
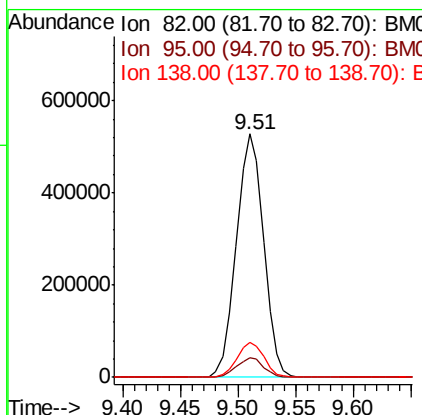
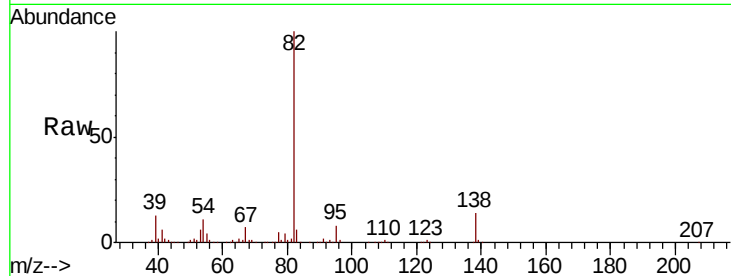
#25
Isophorone
Concen: 42.578 ng
RT: 9.51 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	861882		
95	8.1		6.4	9.6
138	14.2		11.1	16.7

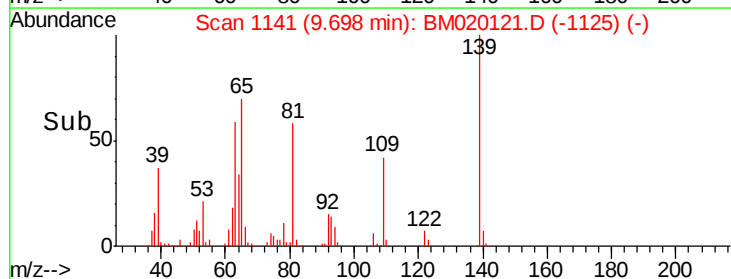
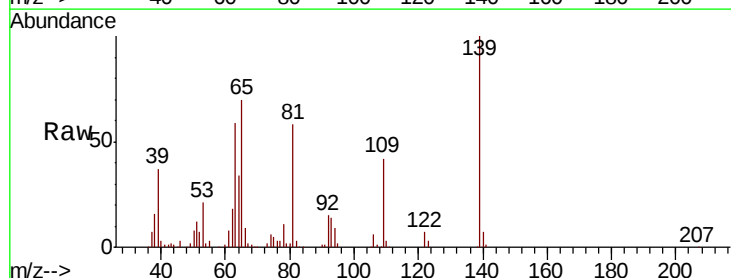
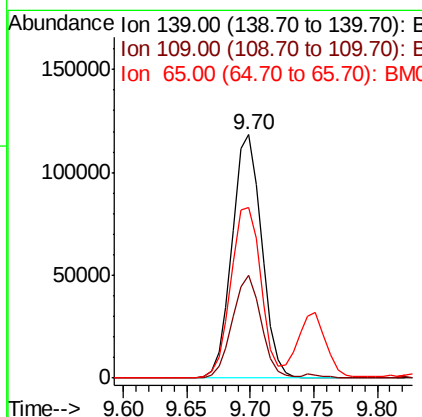
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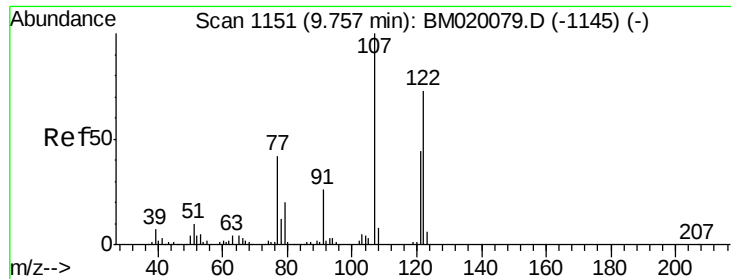
mohammad
5/7/2019 11:59:15 PM



#26
2-Nitrophenol
Concen: 52.121 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	191506		
109	42.3		33.7	50.5
65	69.9		59.5	89.3





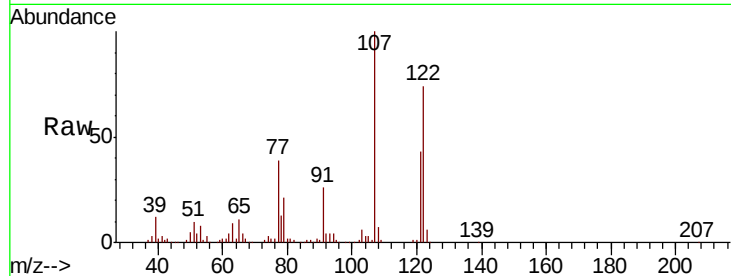
#27
 2,4-Dimethylphenol
 Concen: 50.496 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	134.9	108.6	162.8
121	58.5	47.4	71.2

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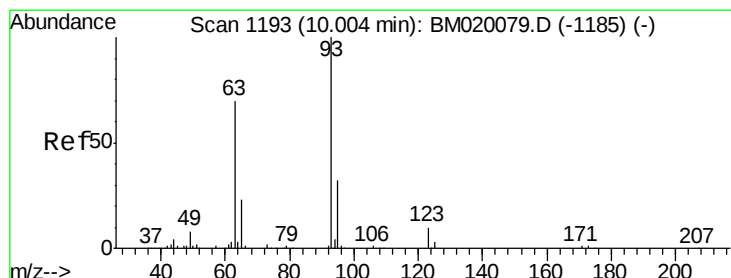
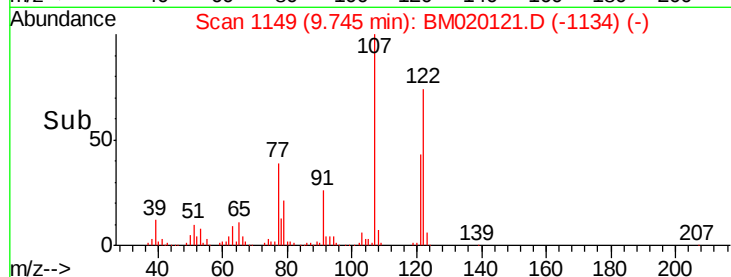
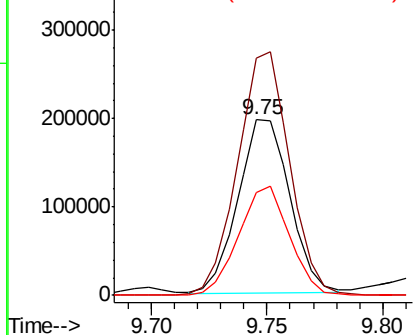


Abundance

Ion 122.00 (121.70 to 122.70): E

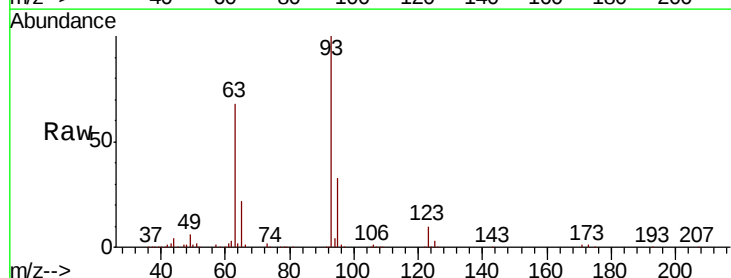
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.059 ng
 RT: 10.00 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	25.5	38.3
123	10.4	7.6	11.4

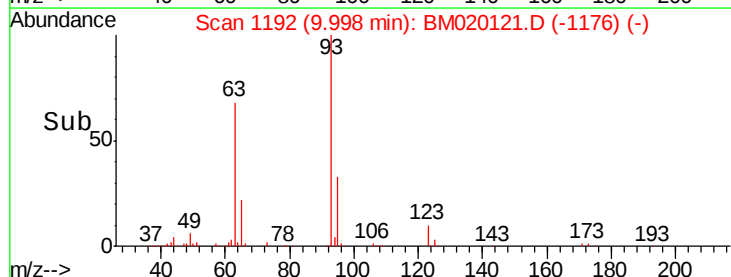
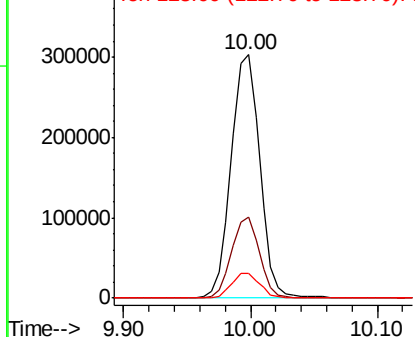


Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





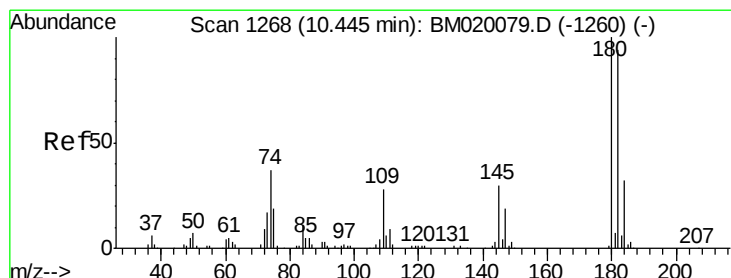
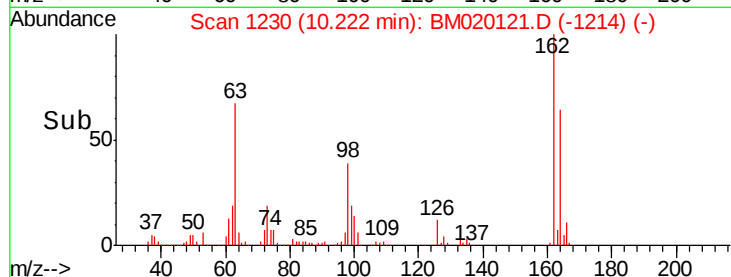
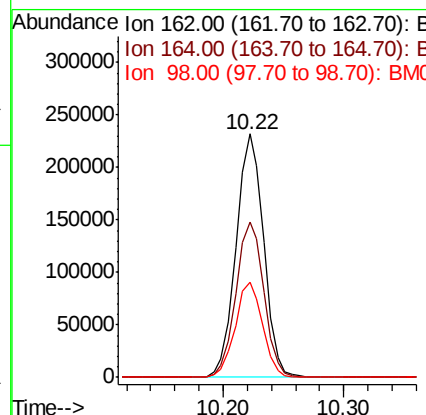
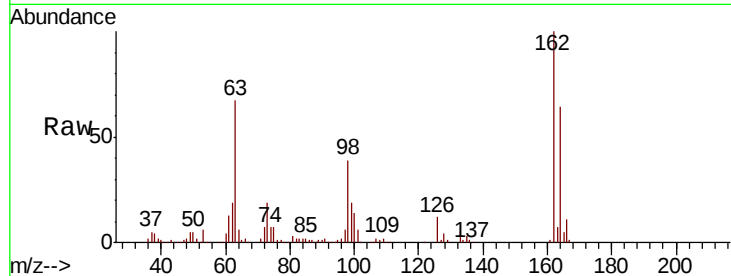
#29
 2,4-Dichlorophenol
 Concen: 47.851 ng
 RT: 10.22 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7MSD

Tot Ion:	162	Resp:	369097
Ion Ratio	Lower	Upper	
162	100		
164	63.6	45.6	85.6
98	39.2	20.4	60.4

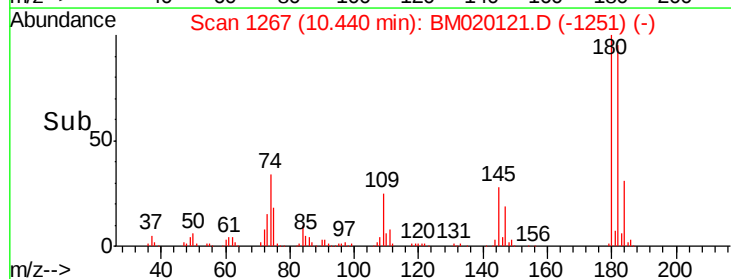
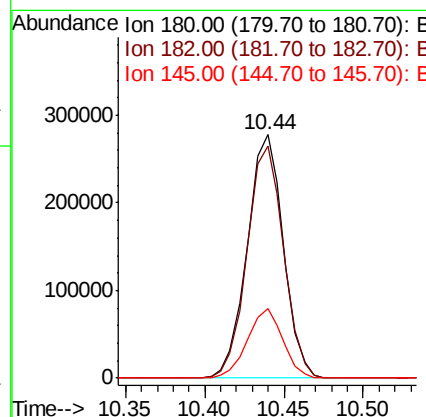
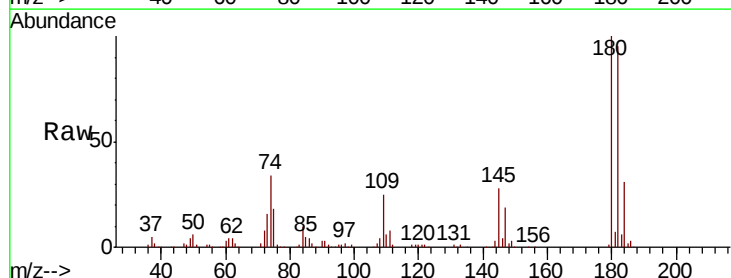
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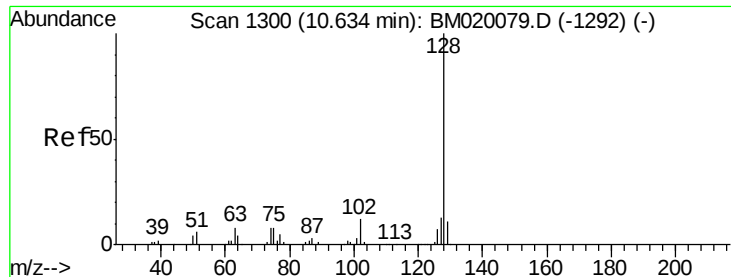
mohammad
 5/7/2019 11:59:15 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 46.187 ng
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion:	180	Resp:	438368
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.4	113.0
145	28.4	23.8	35.8





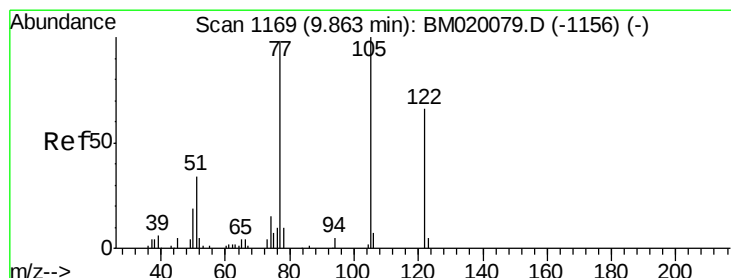
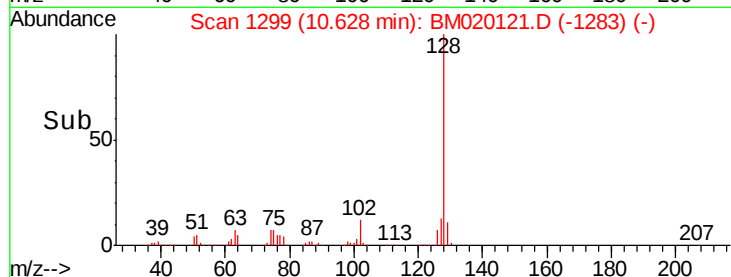
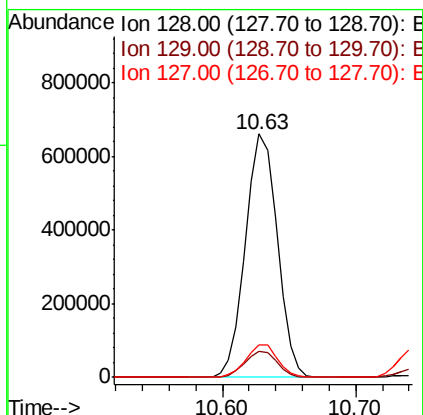
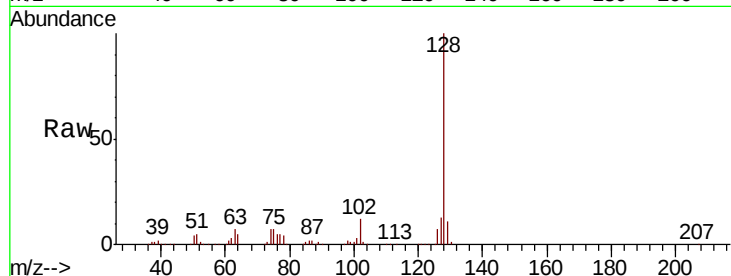
#31
Naphthalene
Concen: 45.498 ng
RT: 10.63 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	13.4	10.4	15.6

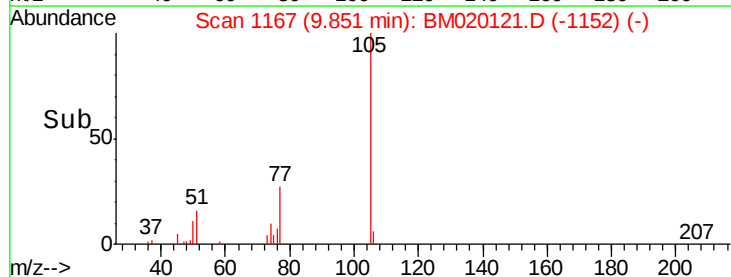
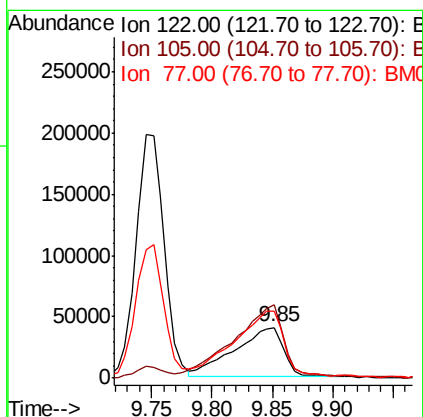
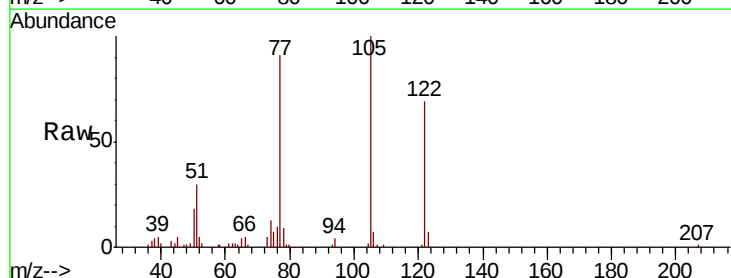
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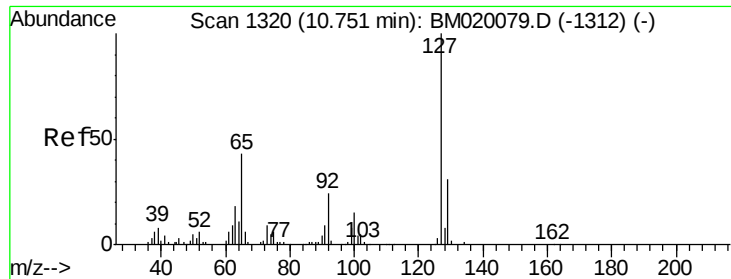
mohammad
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#32
Benzoic acid
Concen: 29.672 ng
RT: 9.85 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
122	100		
105	145.1	122.5	162.5
77	131.3	123.3	163.3





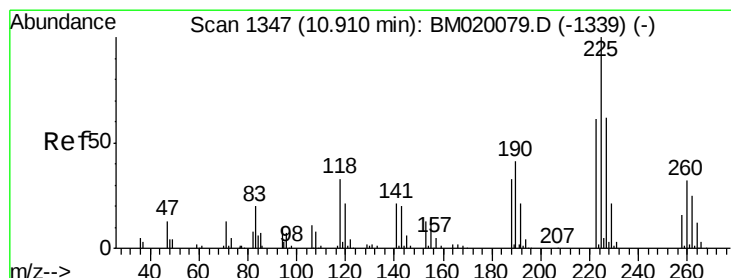
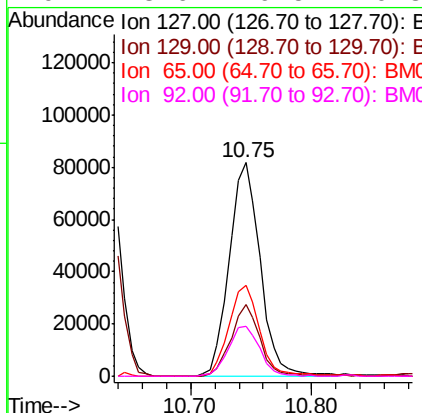
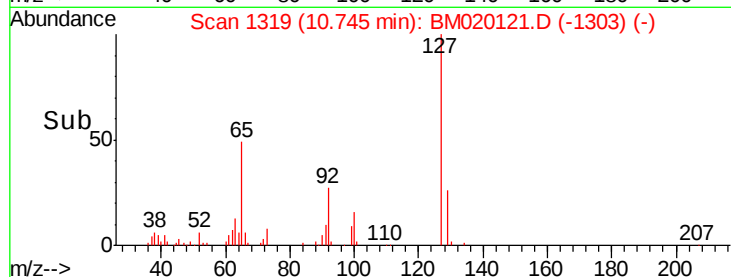
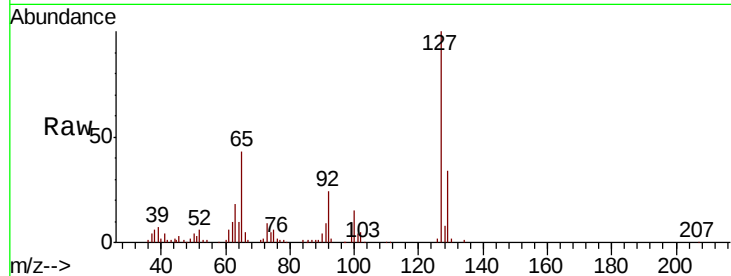
#33
4-Chloroaniline
Concen: 14.832 ng
RT: 10.75 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		146811		
129	33.6	24.7	37.1		
65	42.8	34.6	52.0		
92	23.6	19.5	29.3		

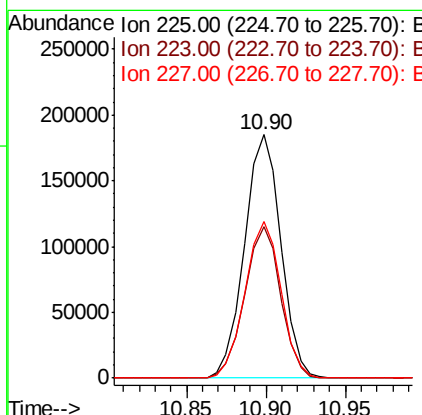
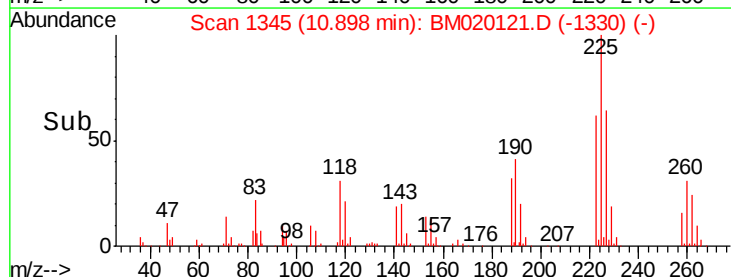
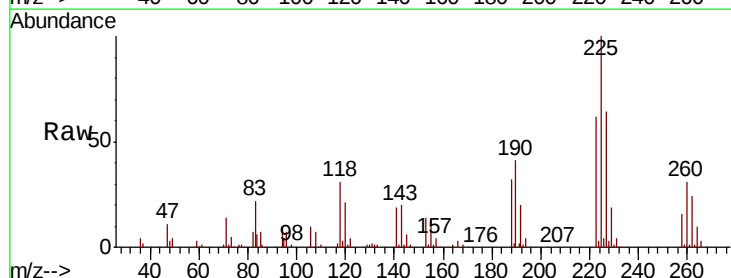
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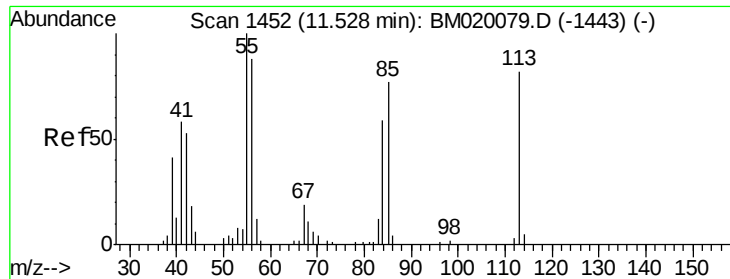
mohammad
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#34
Hexachlorobutadiene
Concen: 44.038 ng
RT: 10.90 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		295671		
223	62.3	48.9	73.3		
227	64.1	49.6	74.4		





#35

Caprolactam

Concen: 47.118 ng/mL

RT: 11.53 min Scan# 1452

Delta R.T. 0.00 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

SSSI-0419-S-DH-7MSD

Tot Ion:113 Resp: 108674

Ion Ratio Lower Upper

113 100

55 127.5 102.5 142.5

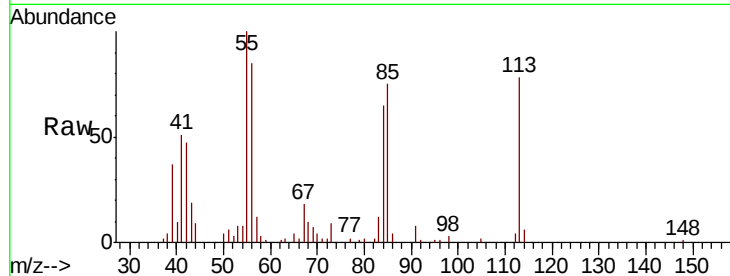
56 108.9 87.7 127.7

Manual Integrations

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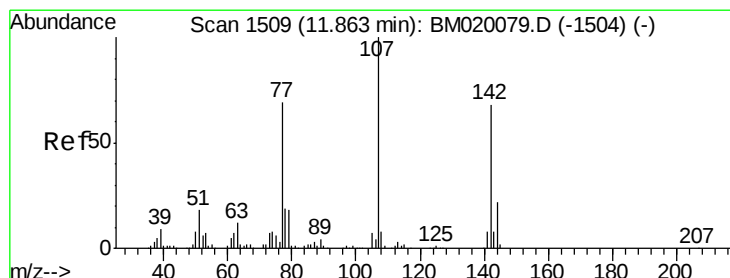
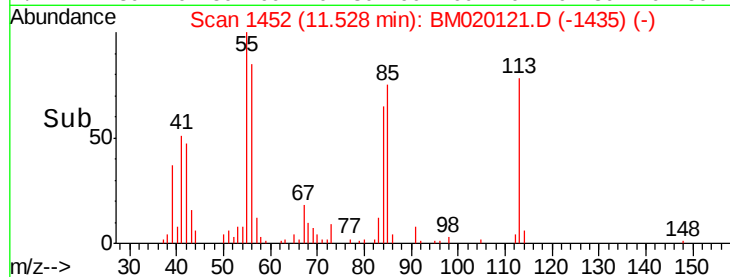
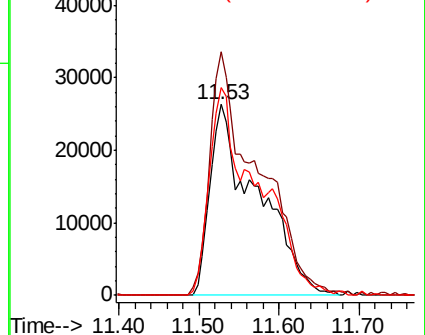
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 40.380 ng/mL

RT: 11.86 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

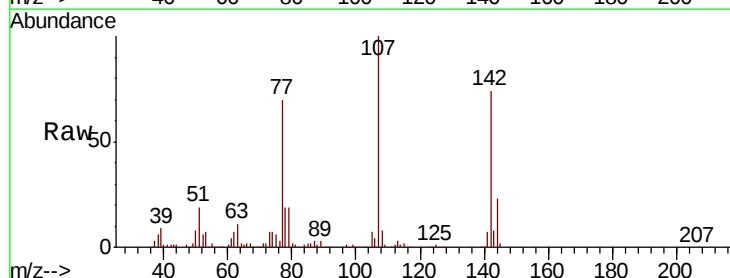
Tgt Ion:107 Resp: 366027

Ion Ratio Lower Upper

107 100

144 23.3 17.6 26.4

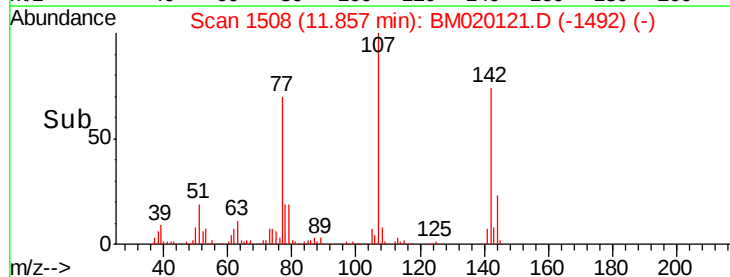
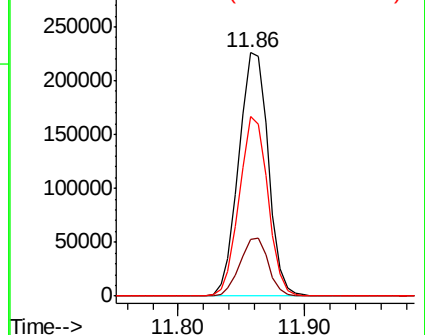
142 73.5 54.6 82.0

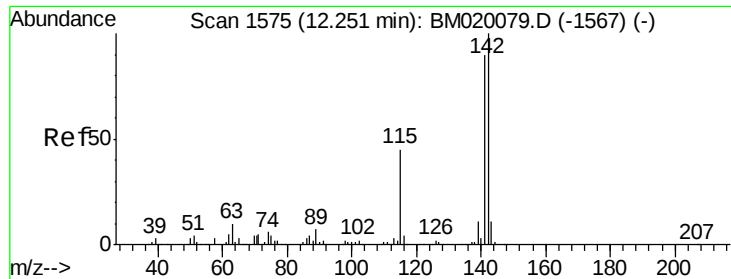


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





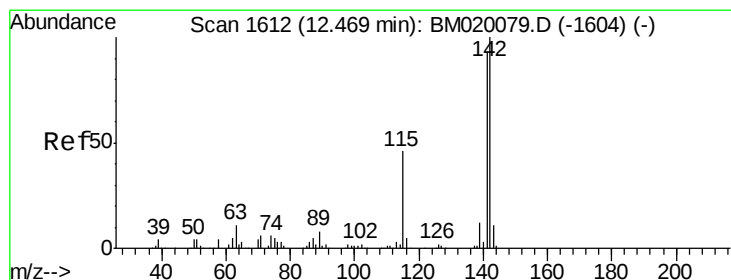
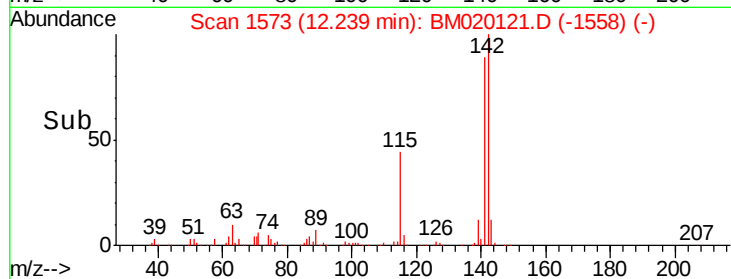
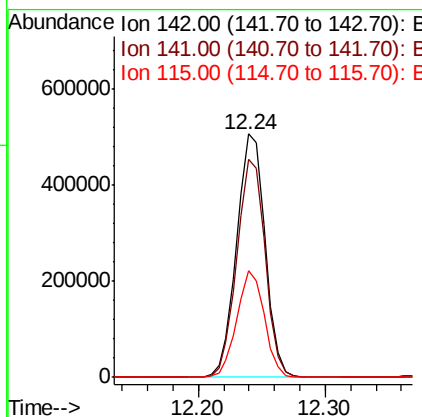
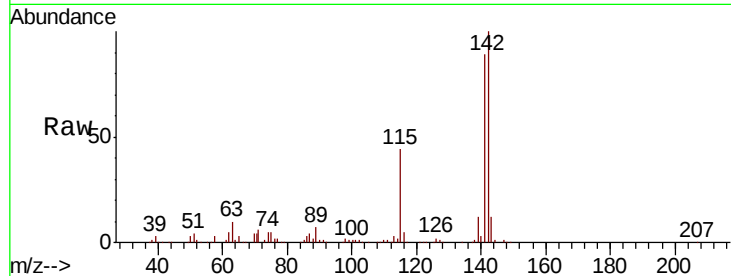
#37
2-Methylnaphthalene
Concen: 44.768 ng
RT: 12.24 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4
115	43.7	35.8	53.6

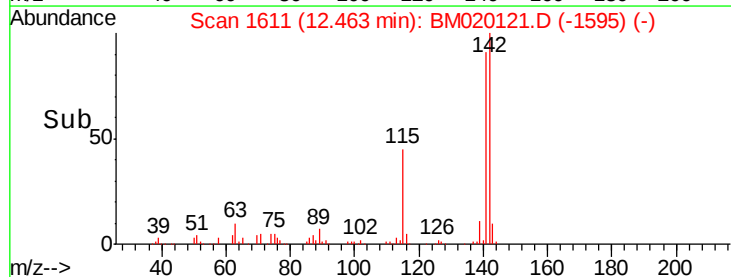
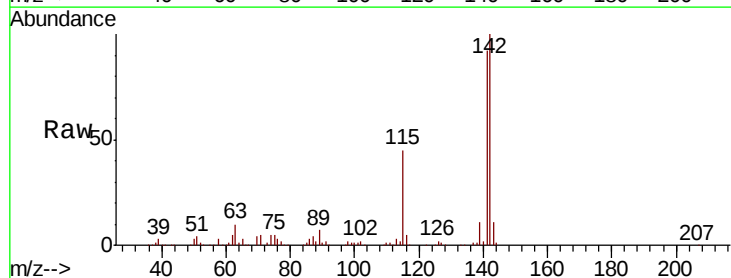
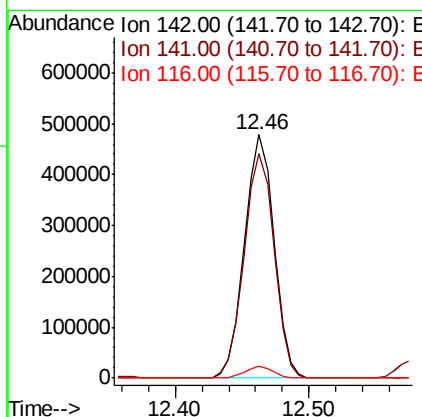
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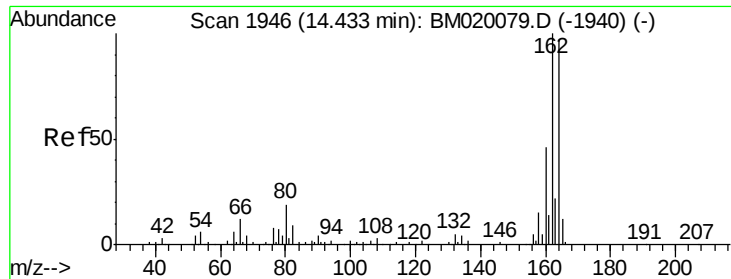
mohammad
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#38
1-Methylnaphthalene
Concen: 42.613 ng
RT: 12.46 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	74.8	112.2
116	5.0	3.9	5.9





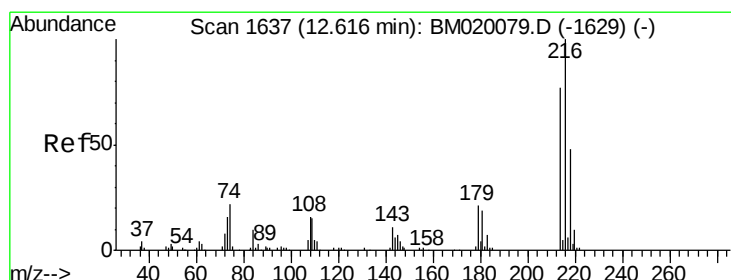
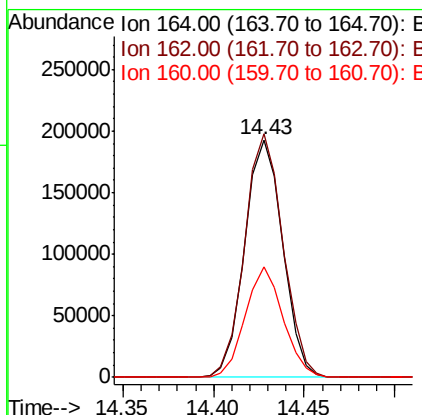
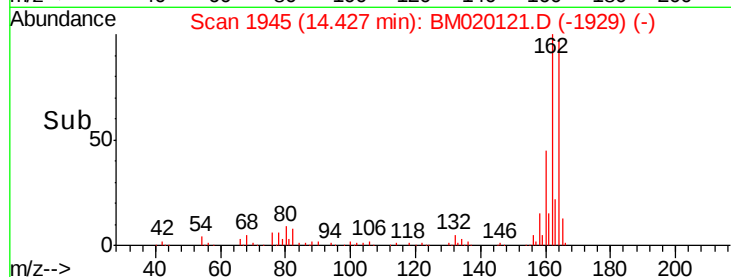
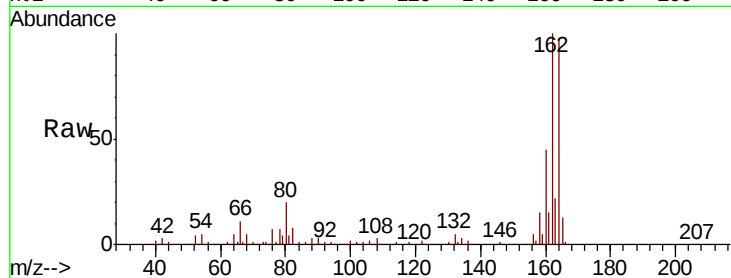
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.2	123.2
160	46.5	37.6	56.4

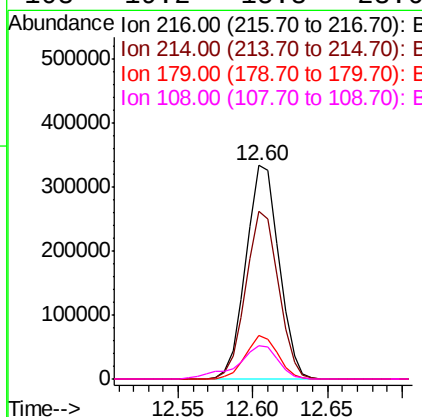
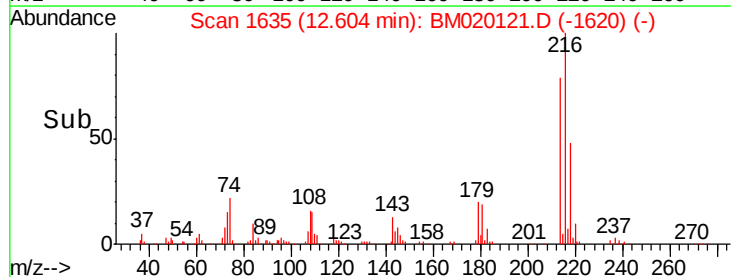
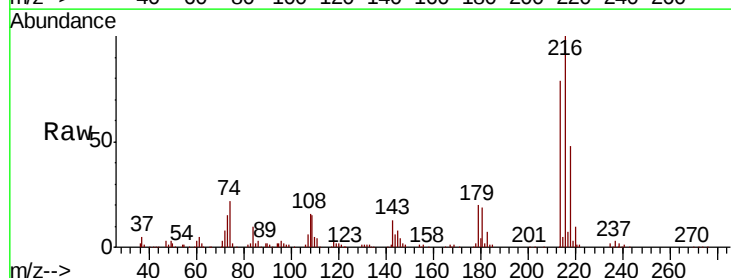
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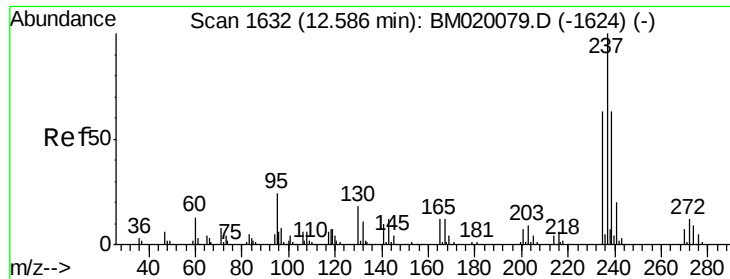
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.232 ng
RT: 12.60 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.6	94.0
179	19.8	17.1	25.7
108	19.2	15.8	23.6





#41

Hexachlorocyclopentadiene

Concen: 75.529 ng

RT: 12.58 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

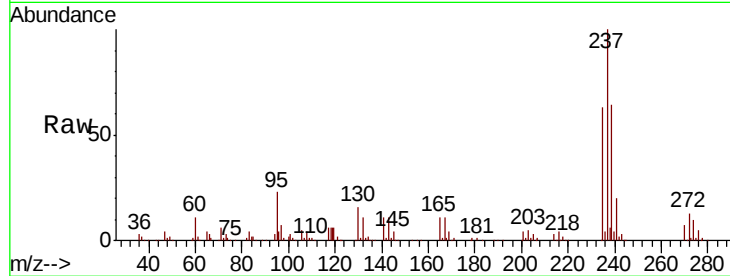
ClientSampleId :

SSSI-0419-S-DH-7MSD

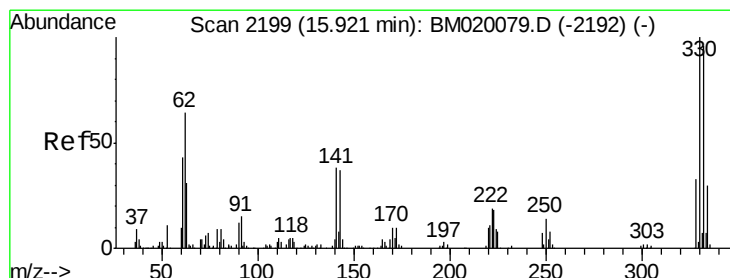
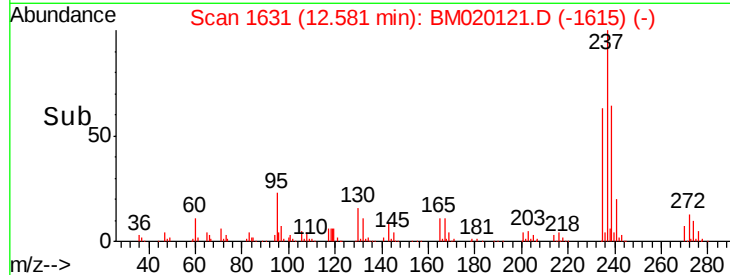
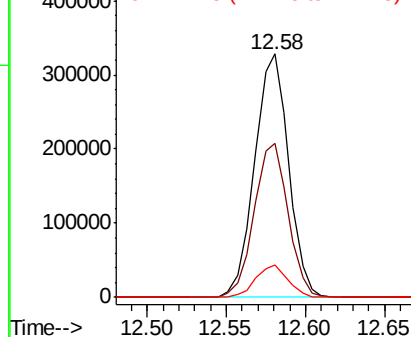
Tot Ion:	237	Resp:	489423
Ion Ratio	Lower	Upper	
237	100		
235	63.0	43.4	83.4
272	13.1	0.0	31.7

Manual Integrations
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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: 139.847 ng

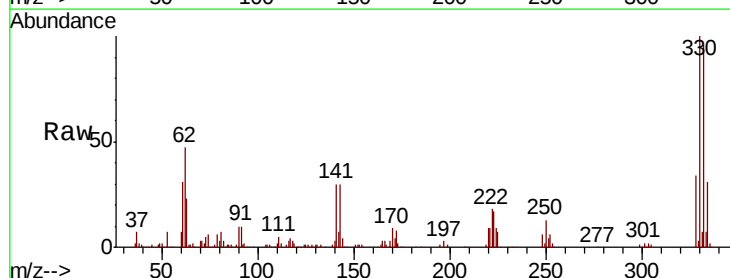
RT: 15.92 min Scan# 2199

Delta R.T. 0.00 min

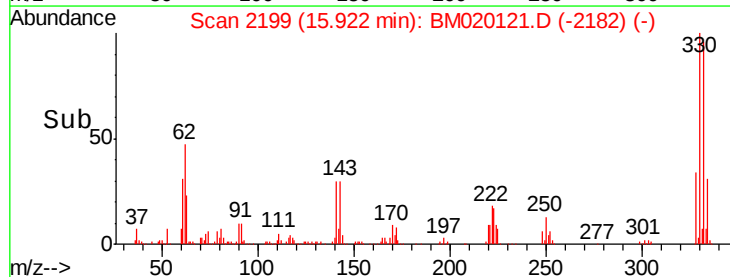
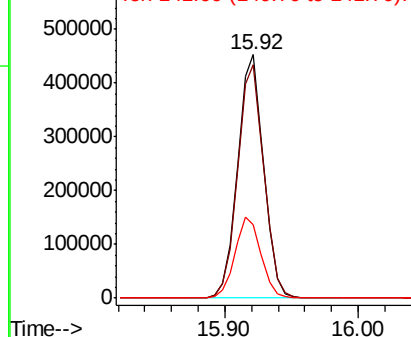
Lab File: BM020121.D

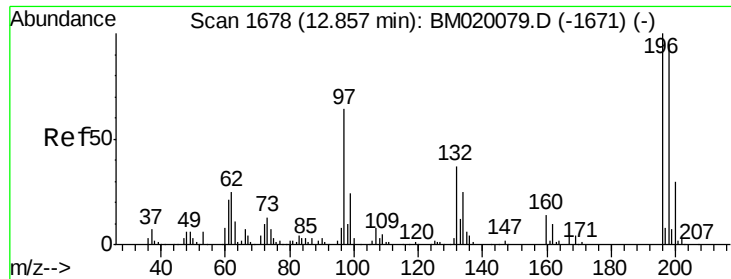
Acq: 03 May 2019 20:40

Tgt Ion:	330	Resp:	610596
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.8	115.2
141	33.5	29.2	43.8



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





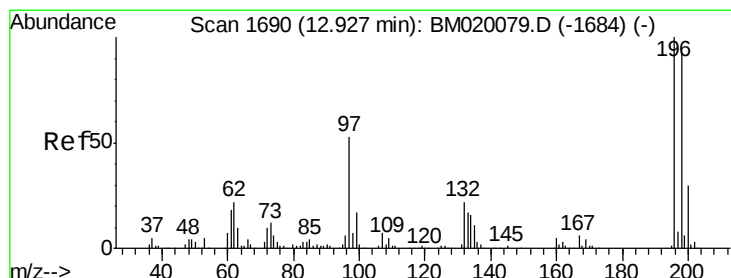
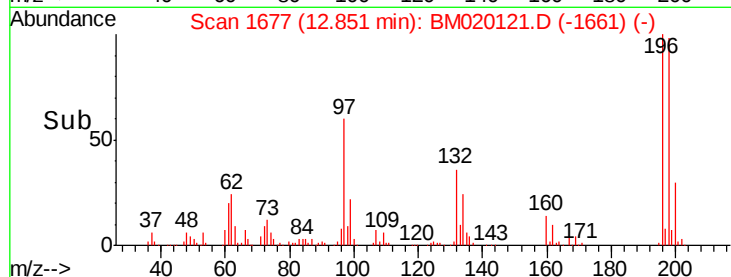
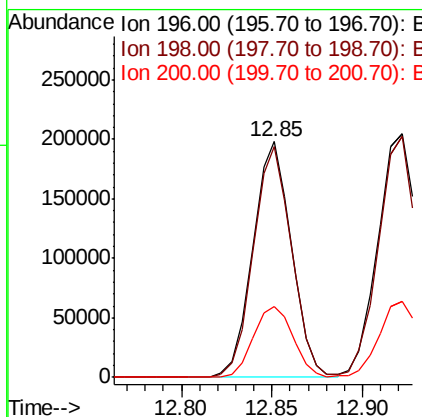
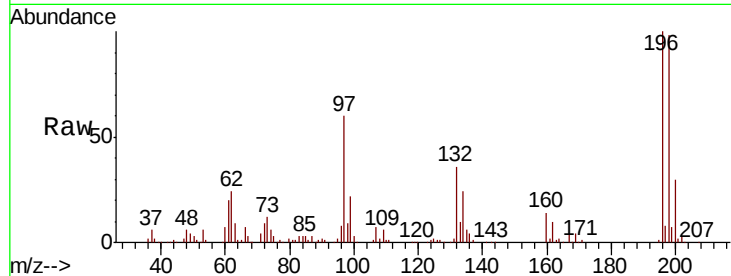
#43
 2,4,6-Trichlorophenol
 Concen: 46.799 ng
 RT: 12.85 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleID :
 SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	292708		
198	97.8	76.2	114.2	
200	30.3	24.3	36.5	

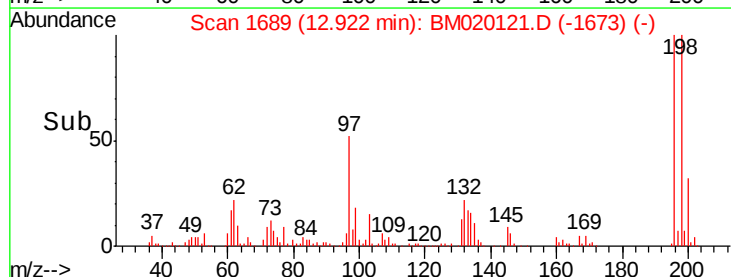
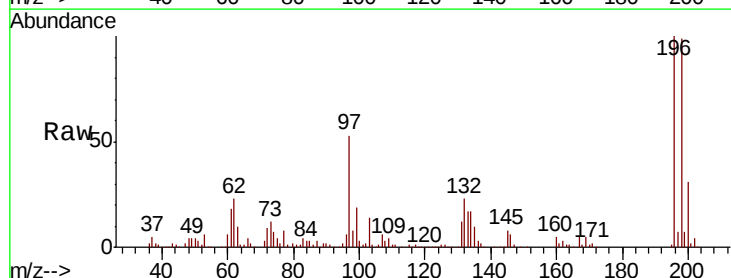
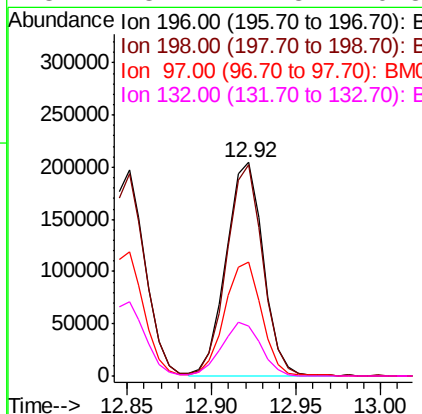
Manual Integrations
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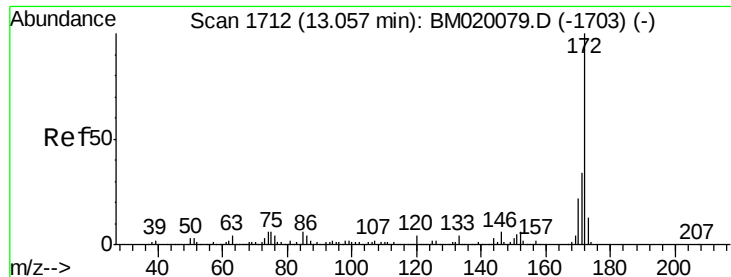
mohammad
 5/7/2019 11:59:15 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.553 ng
 RT: 12.92 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	311303		
198	98.8	74.7	112.1	
97	53.2	42.2	63.4	
132	23.2	17.8	26.8	





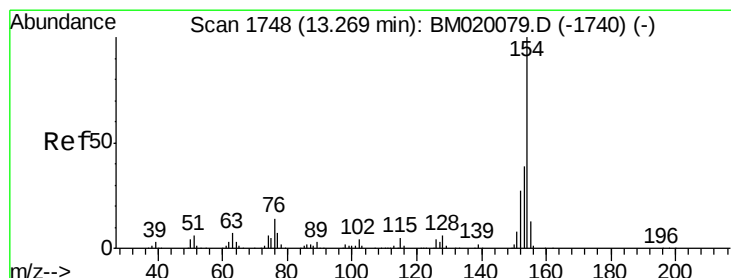
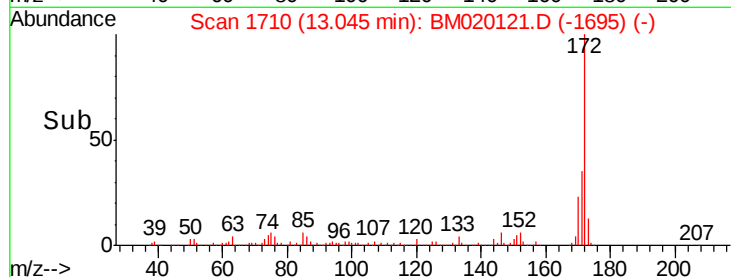
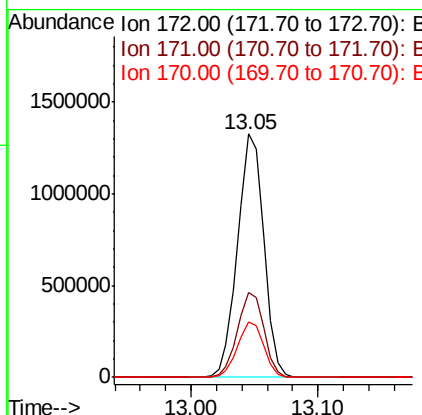
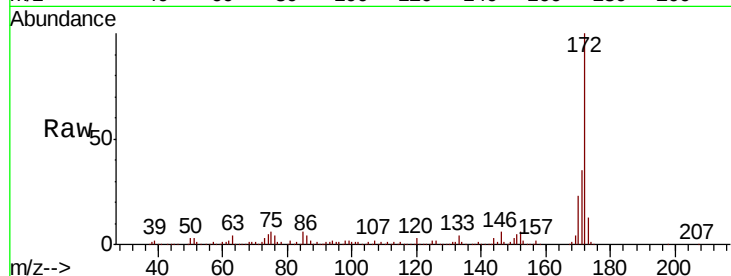
#45
2-Fluorobiphenyl
Concen: 82.833 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.3	40.9
170	22.6	17.9	26.9

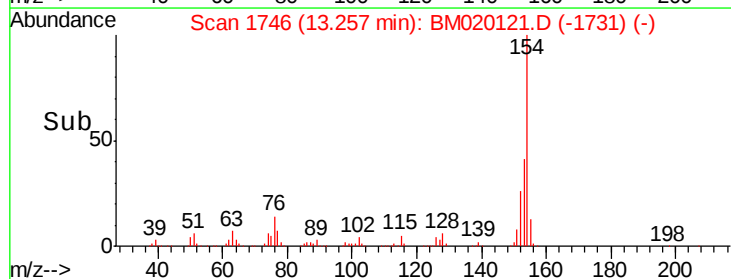
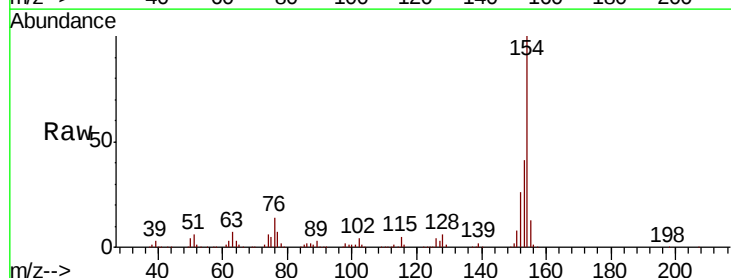
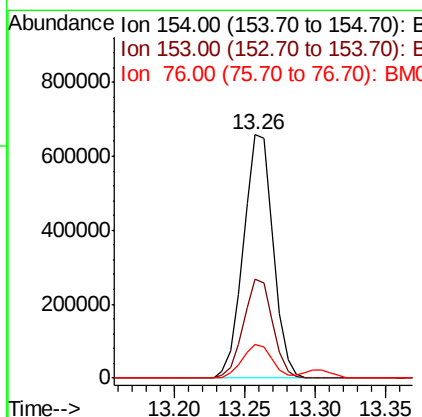
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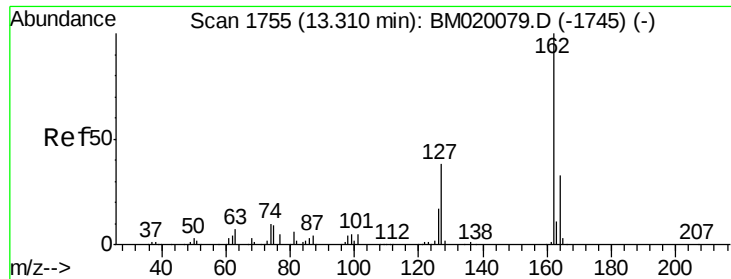
mohammad
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#46
1,1'-Biphenyl
Concen: 41.904 ng
RT: 13.26 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	19.4	59.4
76	13.9	0.0	34.5





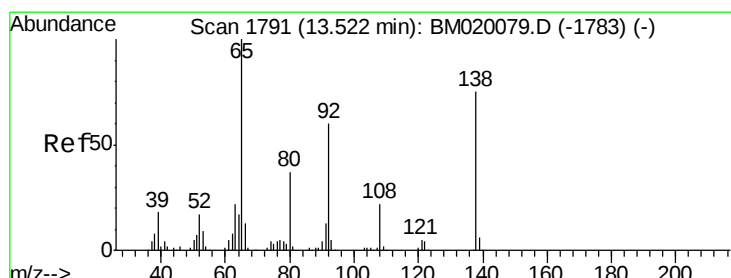
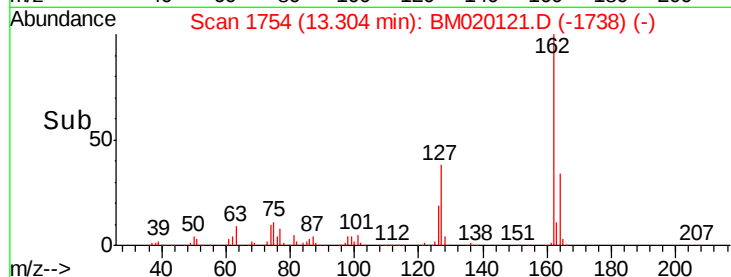
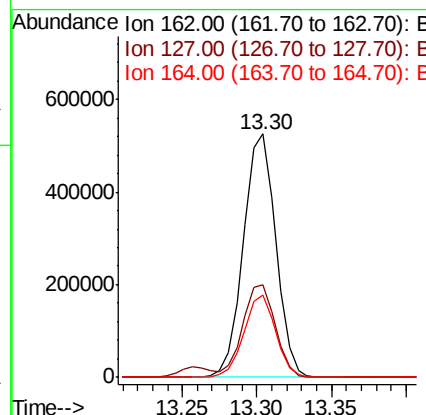
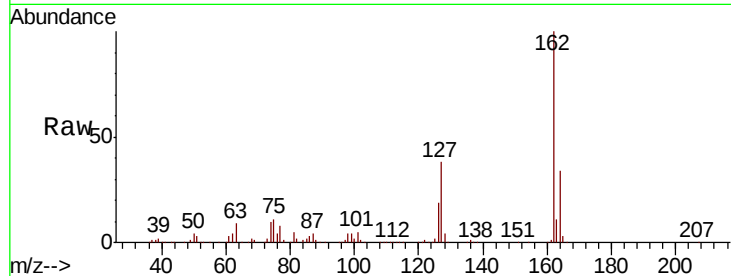
#47
2-Chloronaphthalene
Concen: 42.761 ng
RT: 13.30 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	790479		
127	38.2		31.0	46.4
164	33.9		26.2	39.2

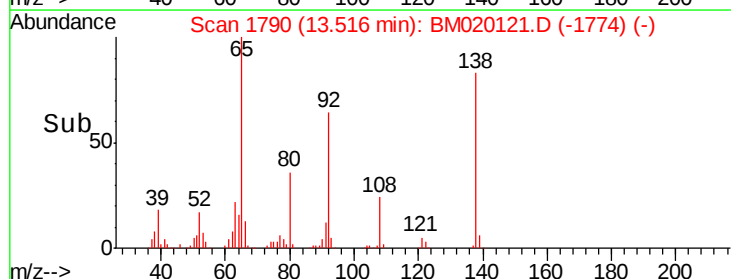
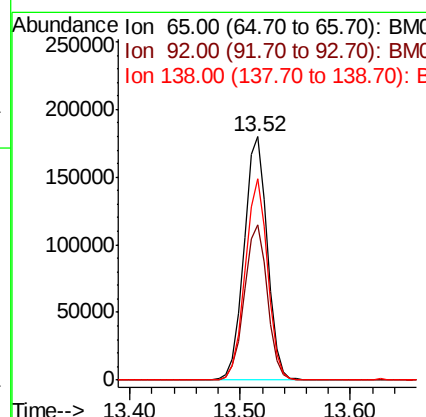
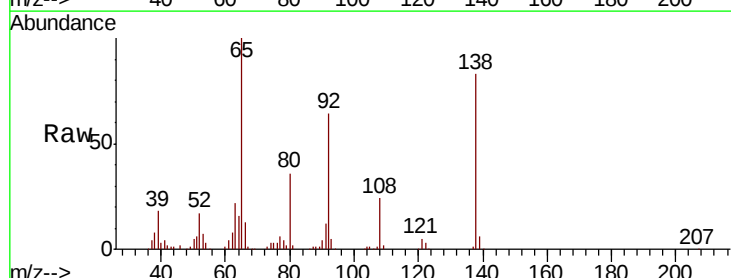
Manual Integrations
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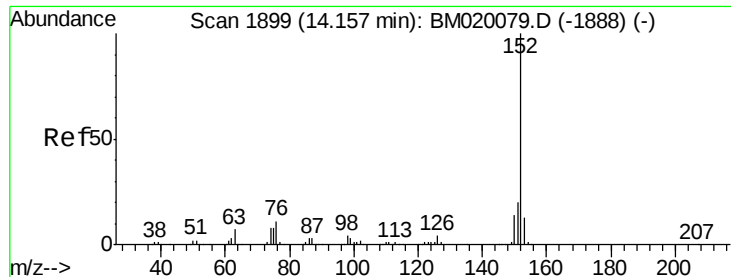
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#48
2-Nitroaniline
Concen: 40.585 ng
RT: 13.52 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	267097		
92	63.8		48.2	72.4
138	82.9		60.3	90.5





#49

Acenaphthylene

Concen: 37.483 ng

RT: 14.15 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

SSSI-0419-S-DH-7MSD

Tot Ion:152 Resp: 1108920

Ion Ratio Lower Upper

152 100

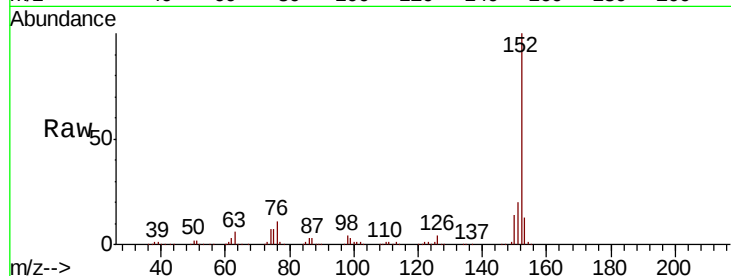
151 19.6 16.2 24.2

153 13.4 10.6 16.0

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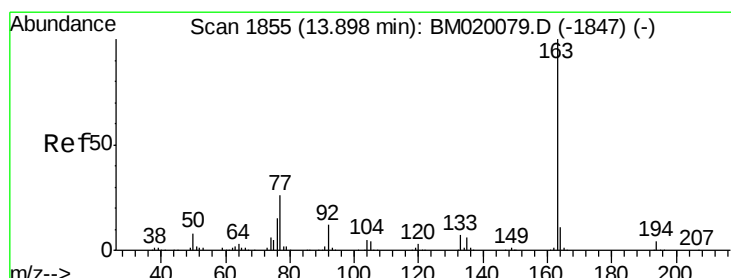
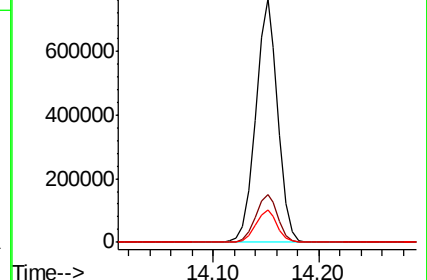
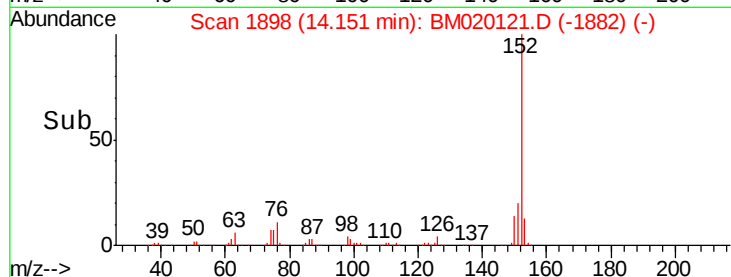
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.794 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

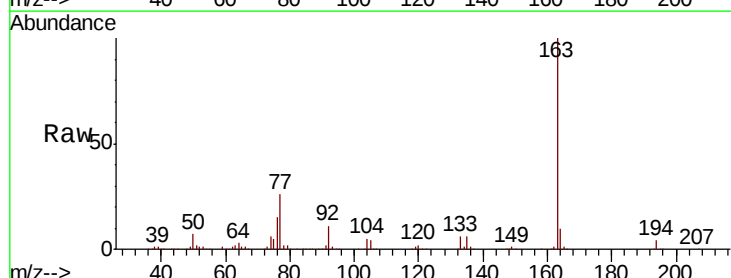
Tgt Ion:163 Resp: 1118739

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

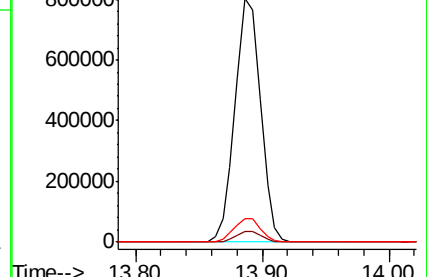
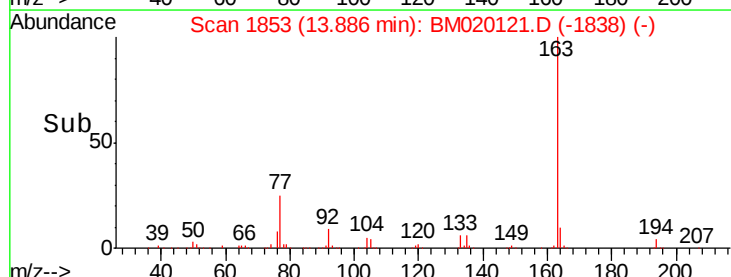
164 9.8 8.4 12.6

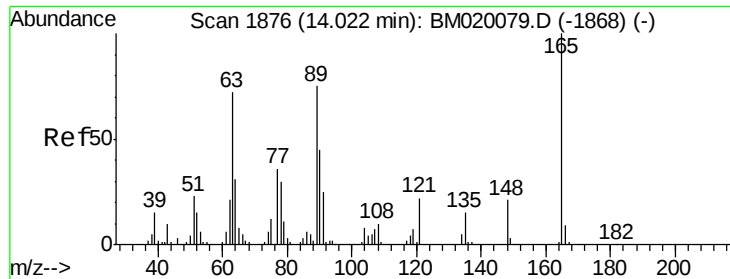


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





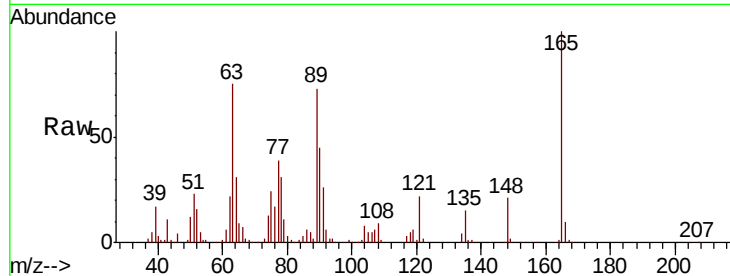
#51
 2,6-Dinitrotoluene
 Concen: 40.114 ng
 RT: 14.01 min Scan# 1874
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7MSD

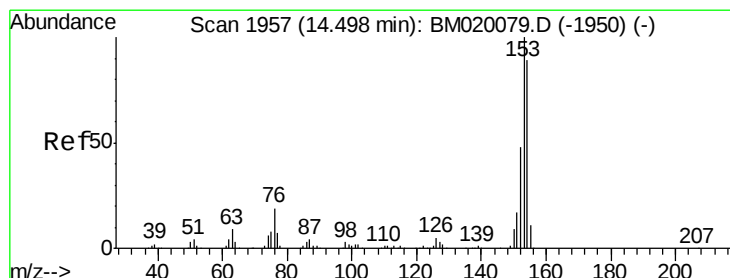
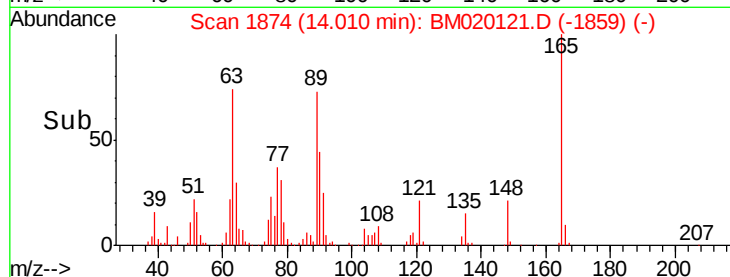
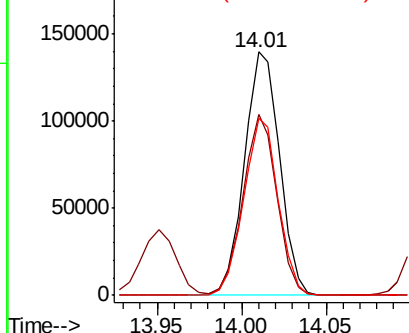
Tot Ion	Ratio	Resp	Lower	Upper
165	100	201990		
63	74.5	60.3	90.5	
89	72.8	59.8	89.6	

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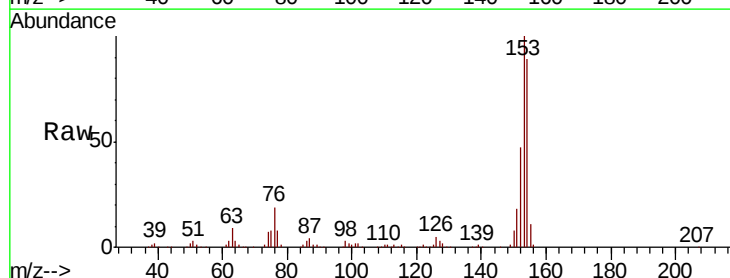


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM
 Ion 89.00 (88.70 to 89.70): BM

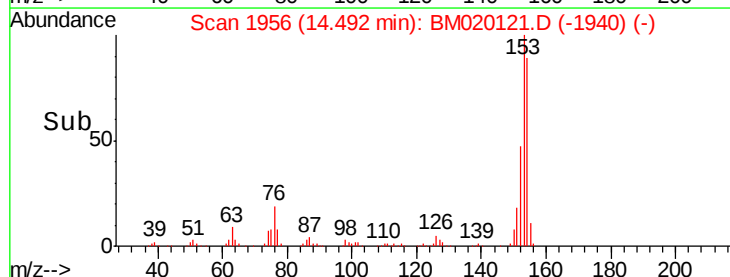
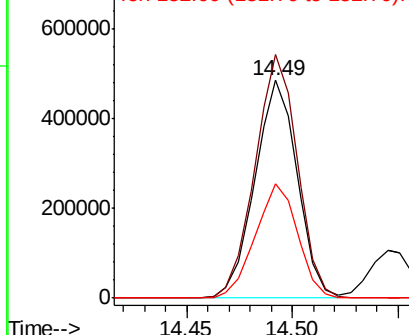


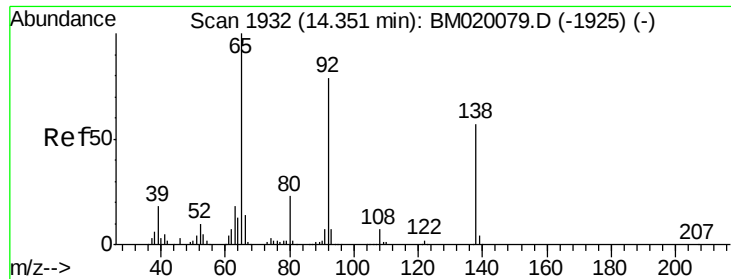
#52
 Acenaphthene
 Concen: 39.976 ng
 RT: 14.49 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	678201		
153	111.8	90.2	135.2	
152	52.3	43.0	64.4	



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





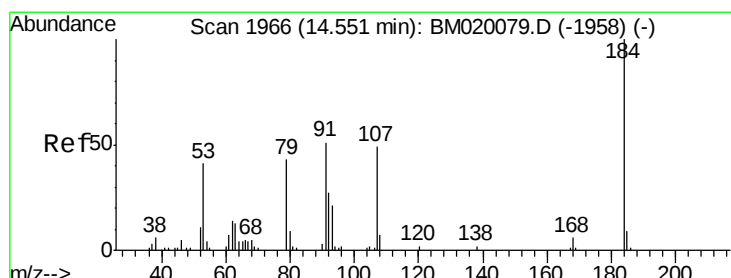
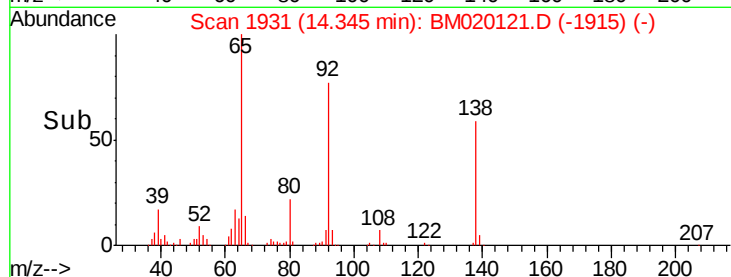
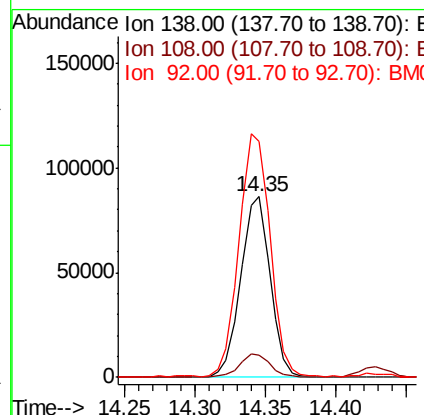
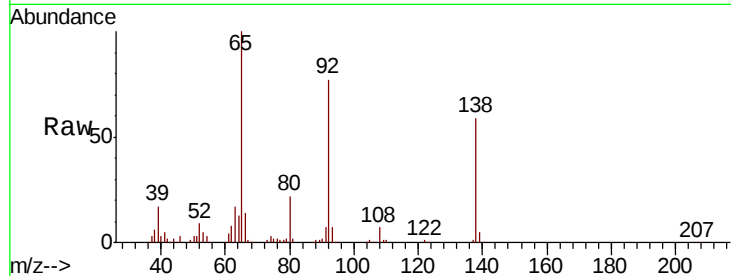
#53
3-Nitroaniline
Concen: 27.016 ng
RT: 14.35 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	10.4	15.6
92	131.0	111.3	166.9

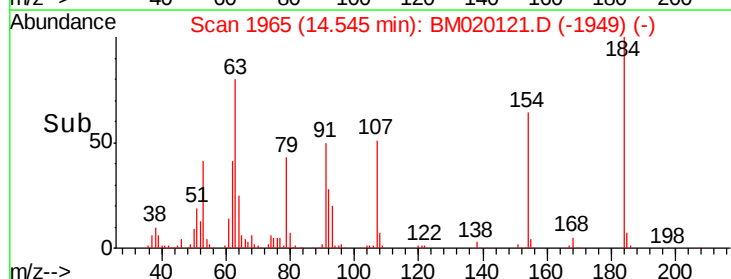
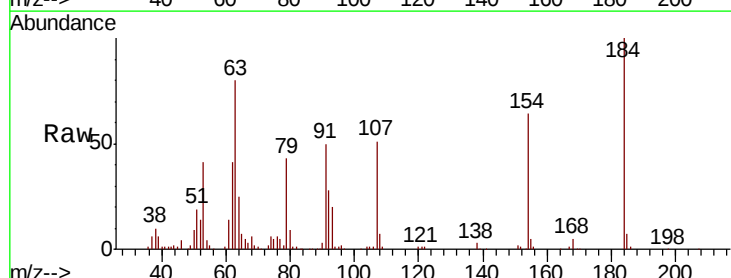
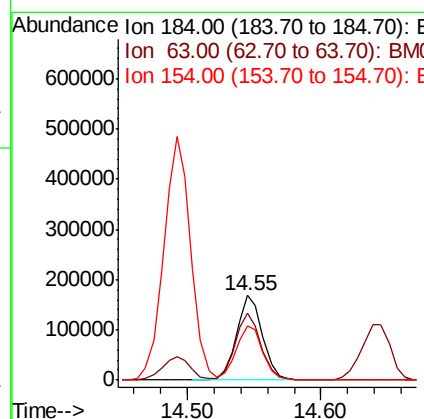
Manual Integrations
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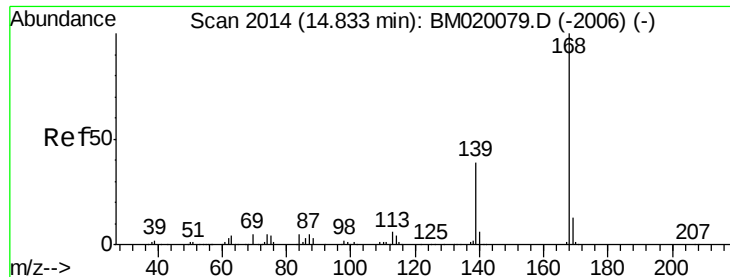
mohammad
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#54
2,4-Dinitrophenol
Concen: 89.238 ng
RT: 14.55 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.9	68.9	103.3
154	64.1	54.4	81.6





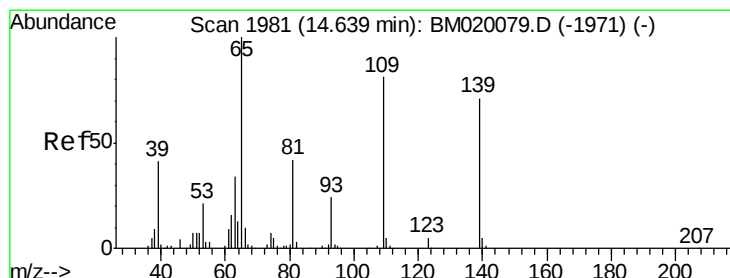
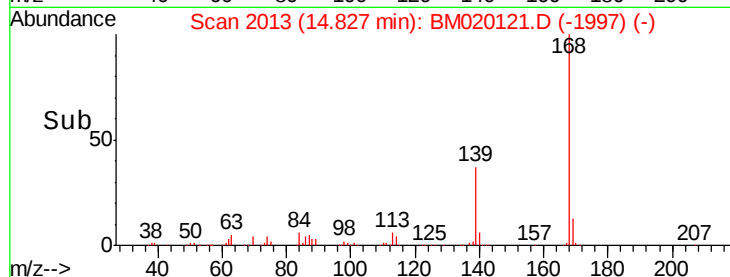
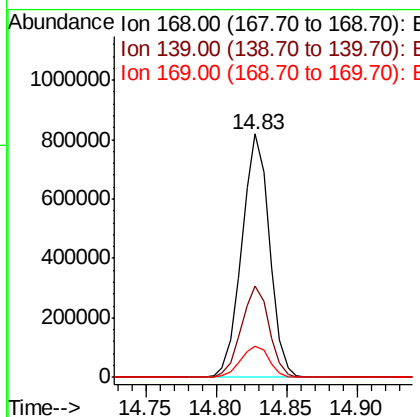
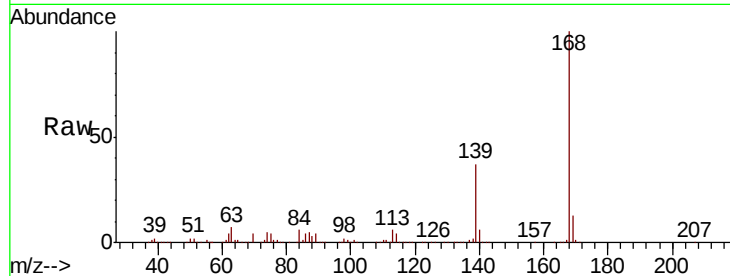
#55
Dibenzofuran
Concen: 39.227 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	31.1	46.7
169	12.9	10.6	16.0

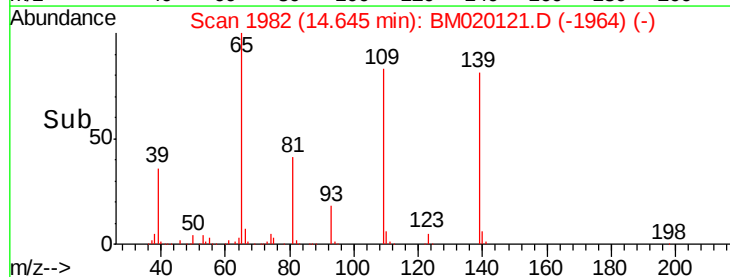
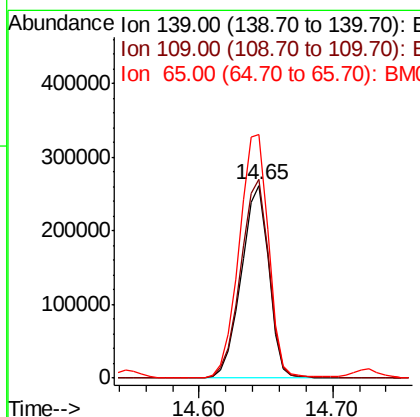
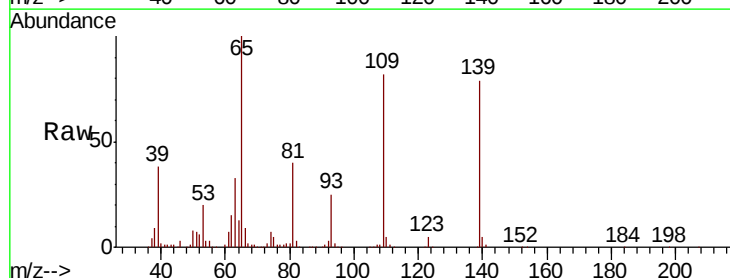
Manual Integrations
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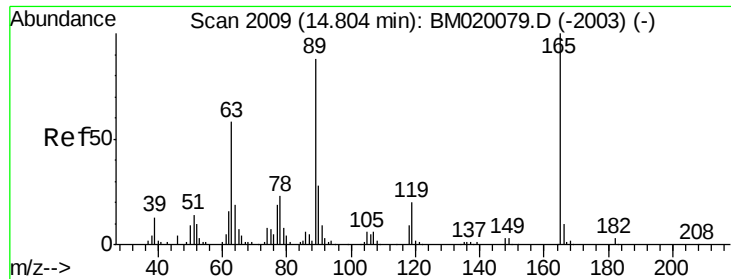
mohammad
5/7/2019 11:59:15 PM



#56
4-Nitrophenol
Concen: 93.413 ng
RT: 14.65 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.1	94.1	134.1
65	126.3	120.9	160.9





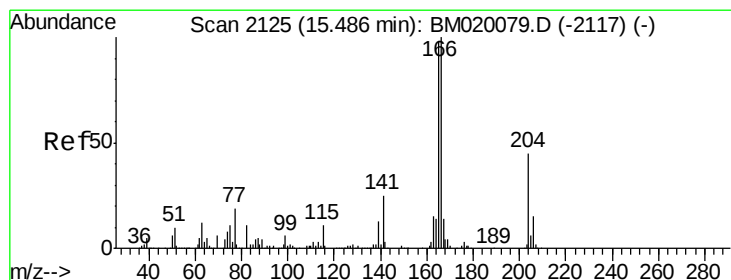
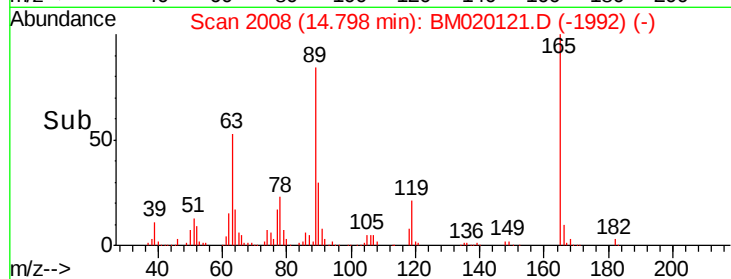
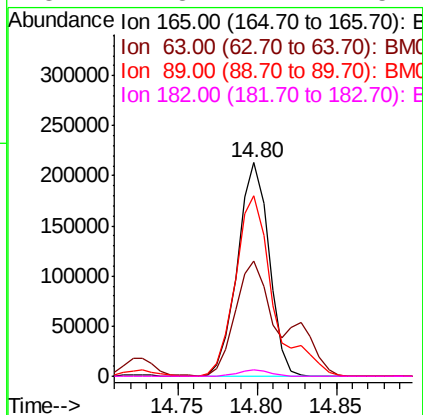
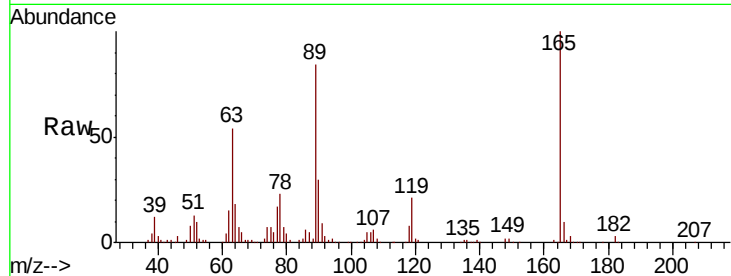
#57
 2,4-Dinitrotoluene
 Concen: 42.984 ng
 RT: 14.80 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		294106		
63	54.1	46.2	69.2		
89	84.3	70.6	105.8		
182	2.8	2.2	3.2		

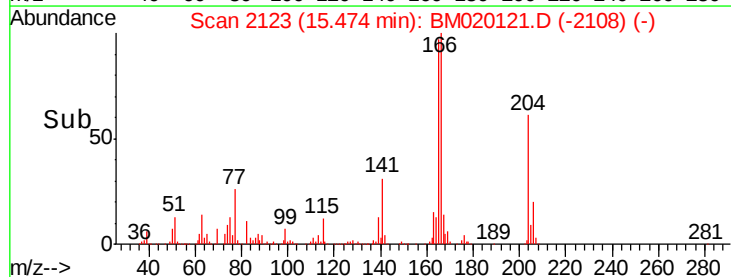
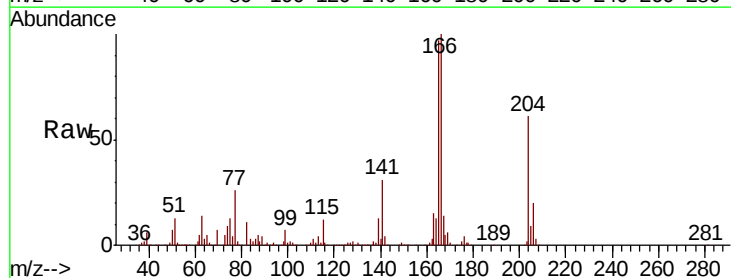
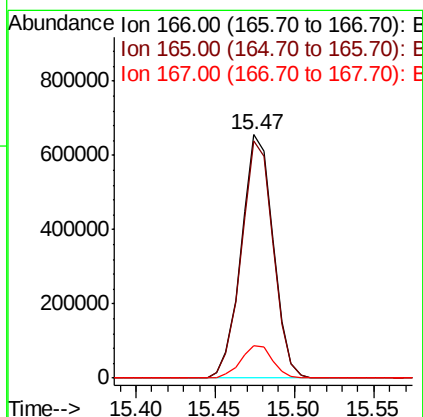
Manual Integrations
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 5/7/2019 11:59:15 PM



#58
 Fluorene
 Concen: 38.870 ng
 RT: 15.47 min Scan# 2123
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		913523		
165	97.3	78.2	117.2		
167	13.5	11.0	16.4		





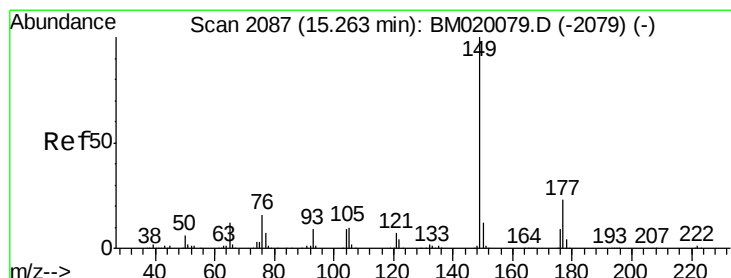
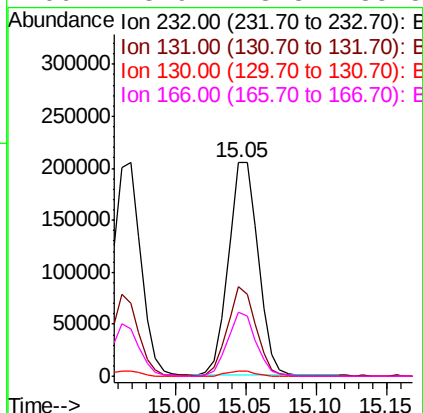
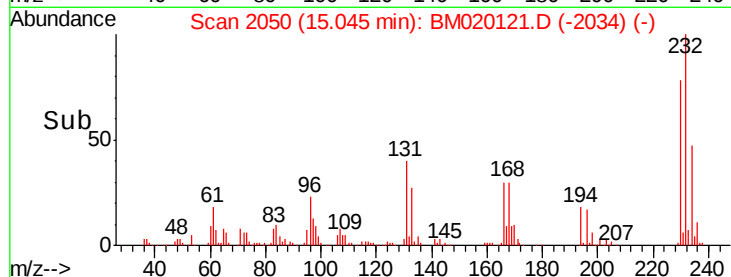
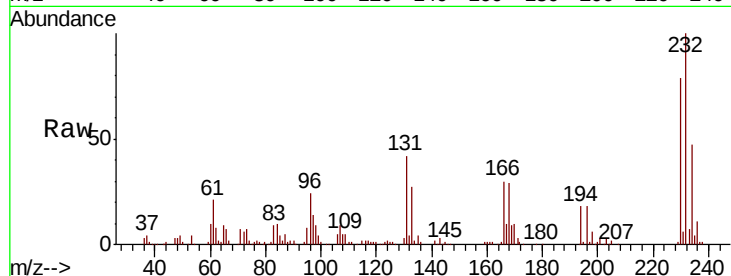
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.369 ng
 RT: 15.05 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.5	34.2	51.4
130	2.4	2.0	3.0
166	28.9	23.8	35.8

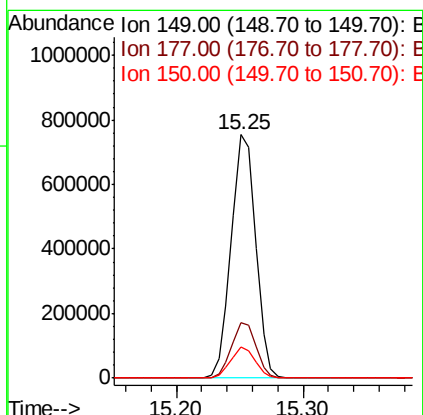
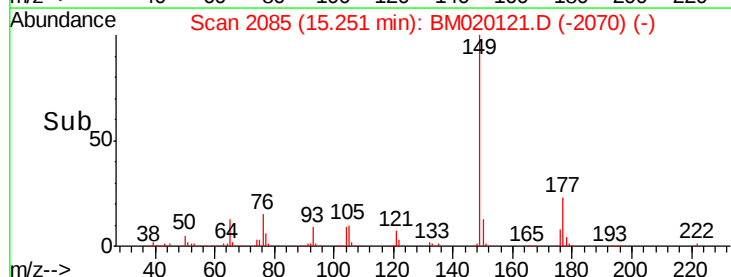
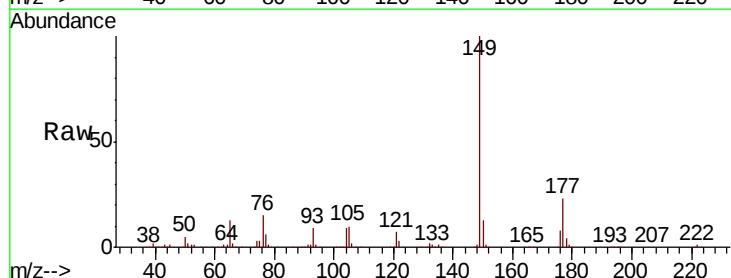
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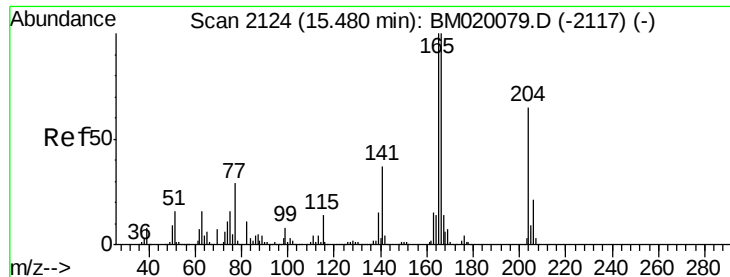
mohammad
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#60
 Diethylphthalate
 Concen: 41.693 ng
 RT: 15.25 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.2	27.4
150	12.5	9.9	14.9





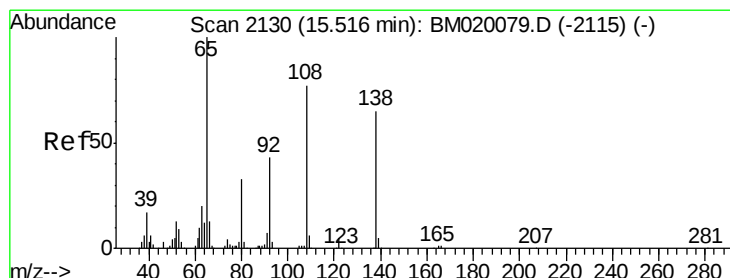
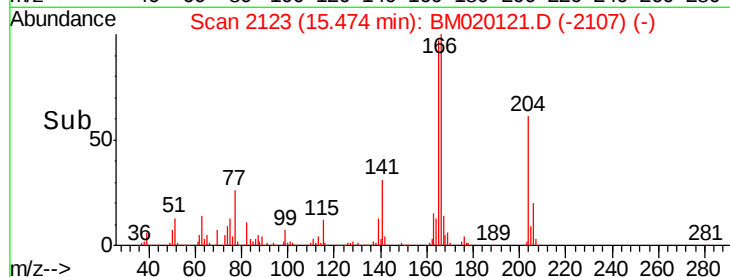
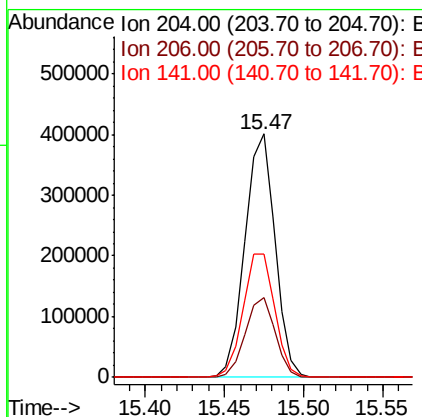
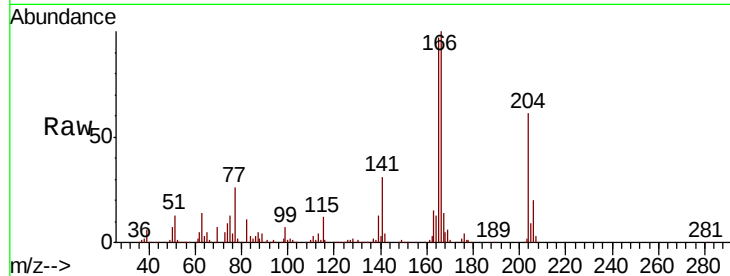
#61
4-Chlorophenyl-phenylether
Concen: 39.753 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.6	38.4
141	50.6	46.1	69.1

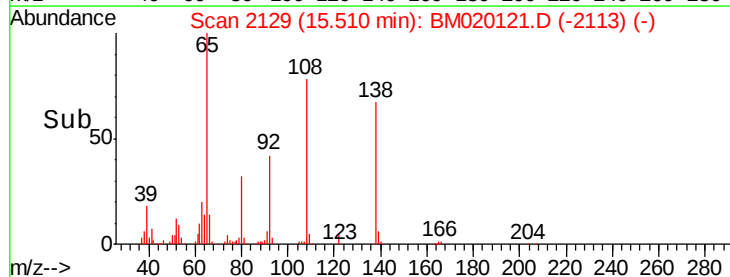
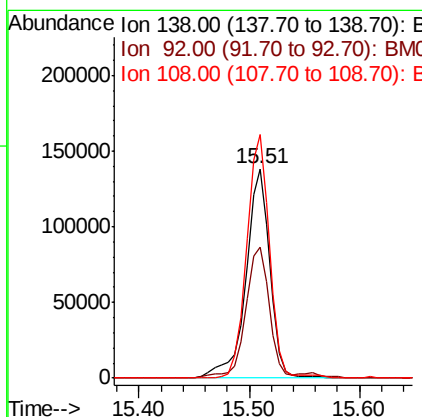
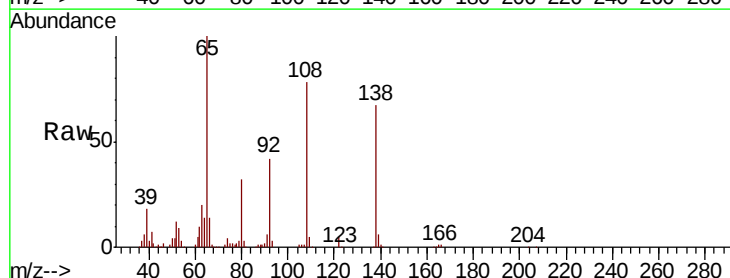
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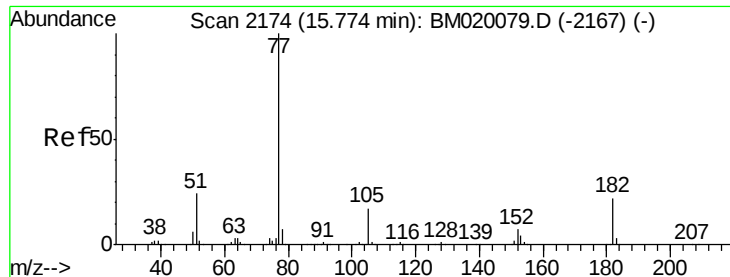
mohammad
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#62
4-Nitroaniline
Concen: 40.816 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	62.6	45.9	85.9
108	116.4	97.7	137.7





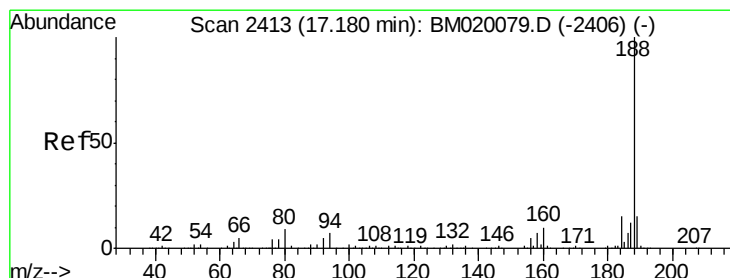
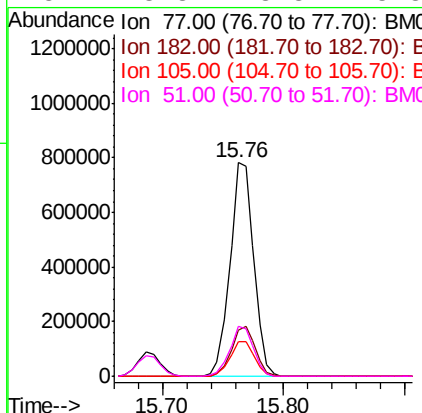
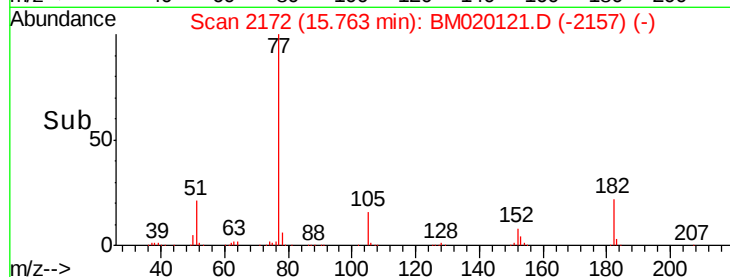
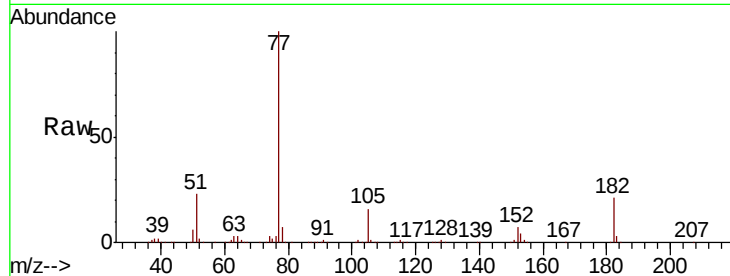
#63
Azobenzene
Concen: 37.494 ng
RT: 15.76 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.4	2.1	42.1	
105	16.0	0.0	36.8	
51	23.3	3.8	43.8	

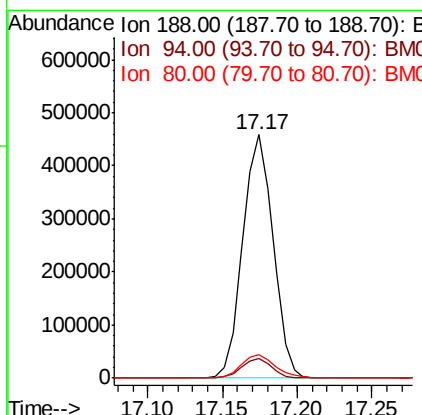
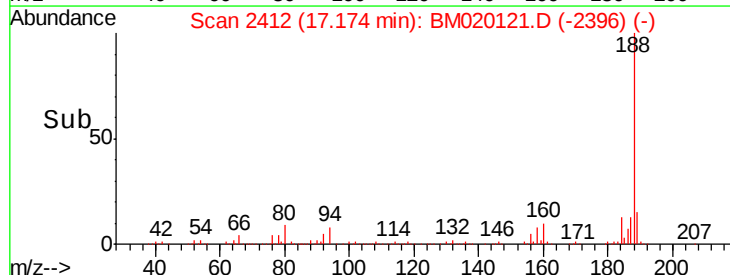
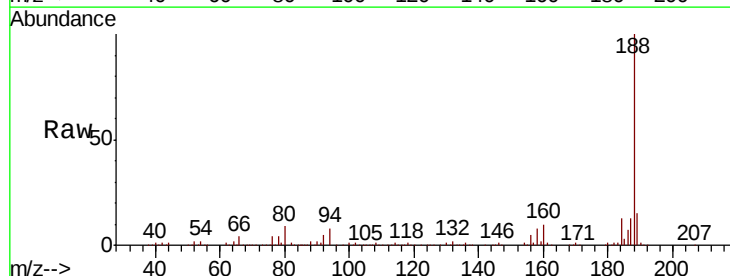
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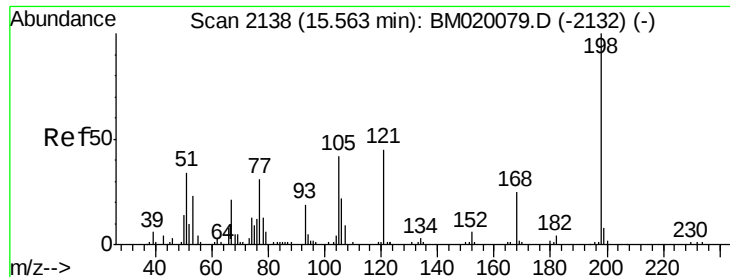
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.8	5.8	8.6	
80	9.4	7.4	11.2	





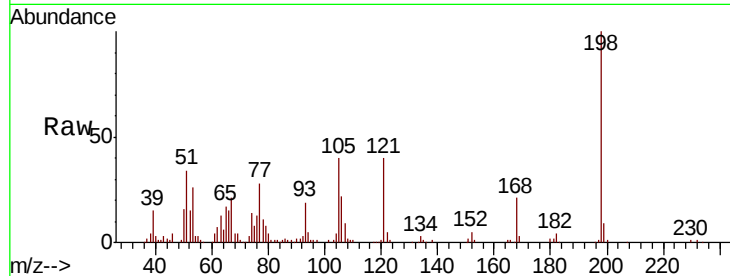
#65
4,6-Dinitro-2-methylphenol
Concen: 46.899 ng
RT: 15.56 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.3	16.5	56.5
105	39.6	22.8	62.8

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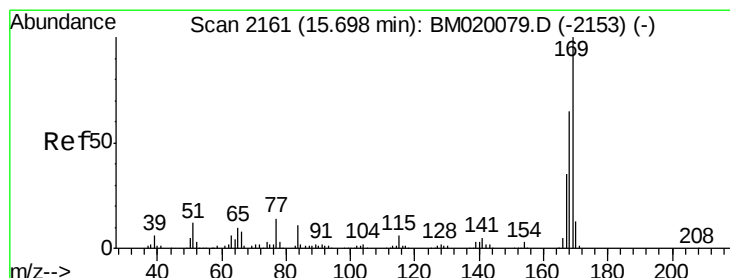
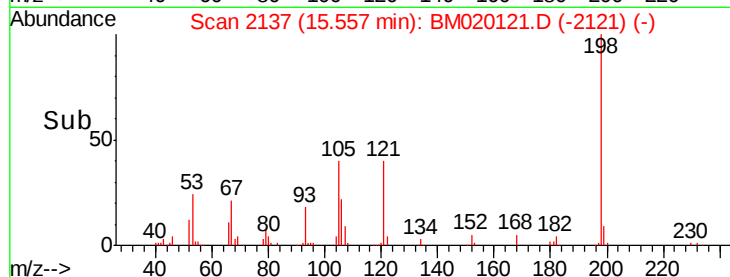
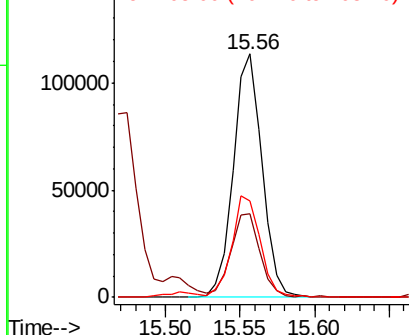


Abundance

Ion 198.00 (197.70 to 198.70): E

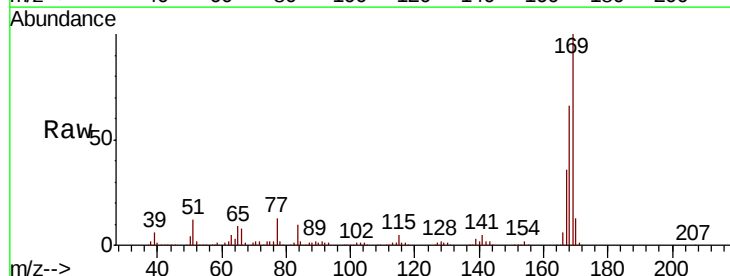
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 43.815 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.8	51.9	77.9
167	36.1	27.8	41.6

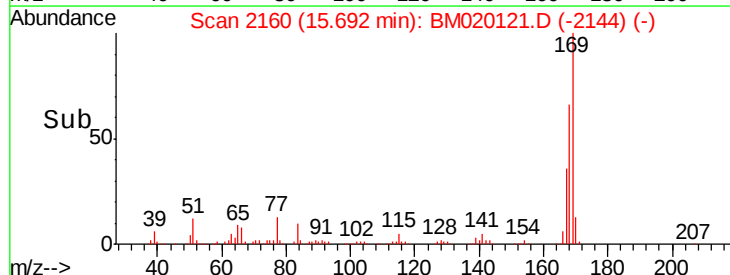
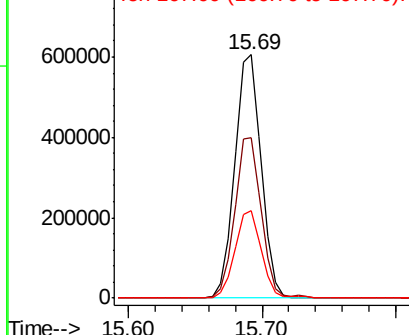


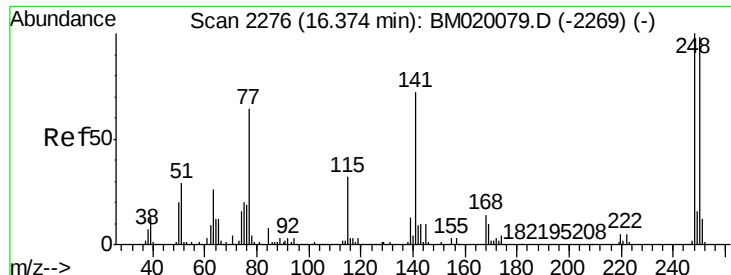
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





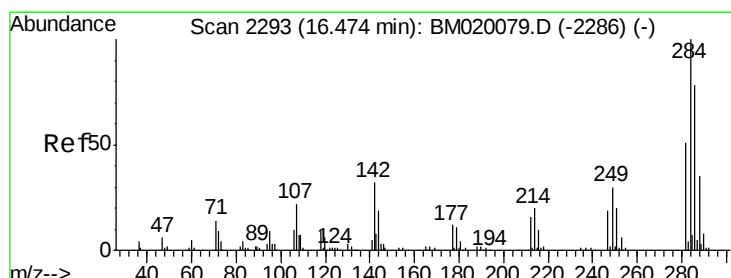
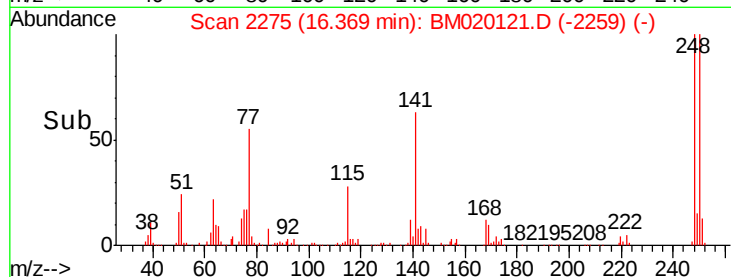
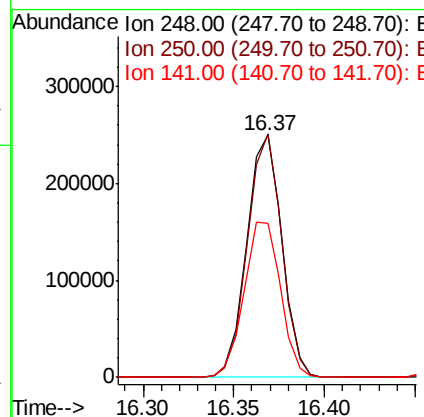
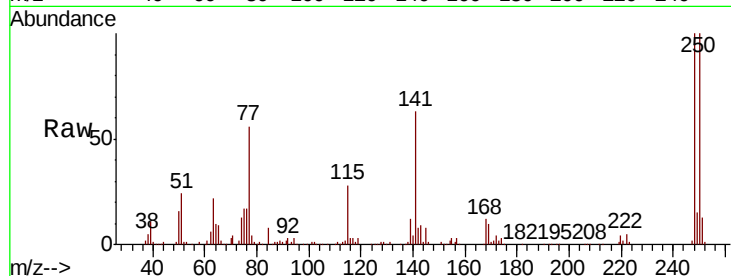
#67
4-Bromophenyl-phenylether
Concen: 42.634 ng
RT: 16.37 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.5	78.4	117.6
141	63.6	57.4	86.2

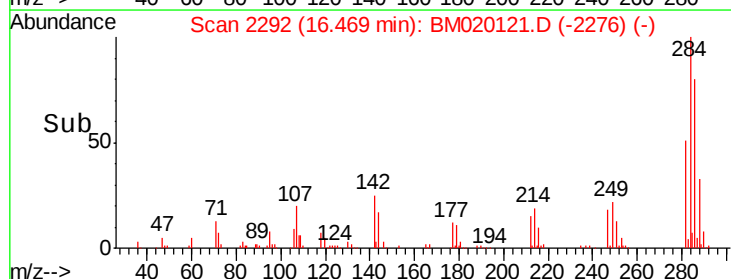
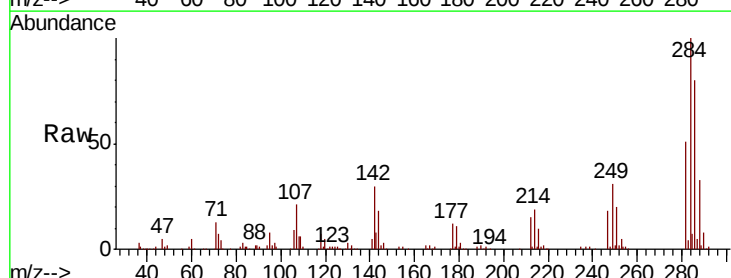
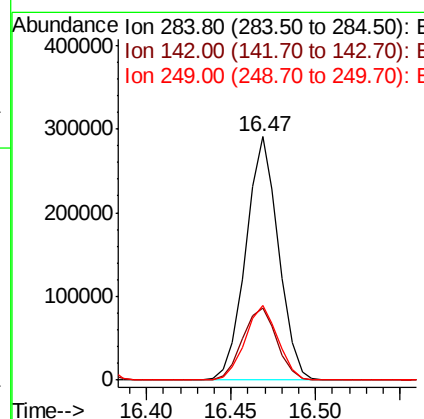
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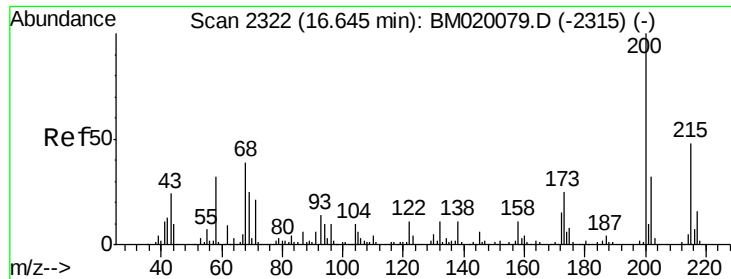
mohammad
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#68
Hexachlorobenzene
Concen: 43.007 ng
RT: 16.47 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.2	37.8
249	30.9	23.6	35.4





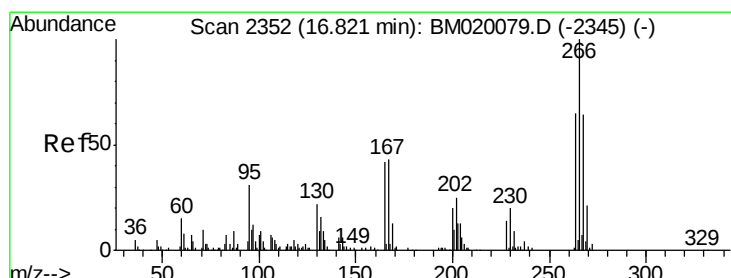
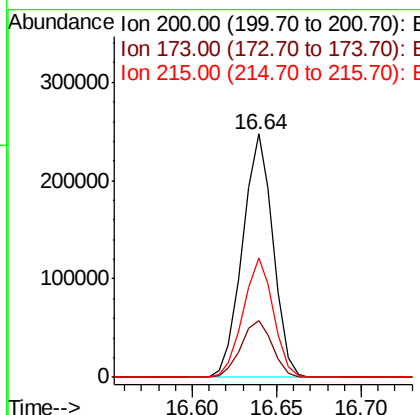
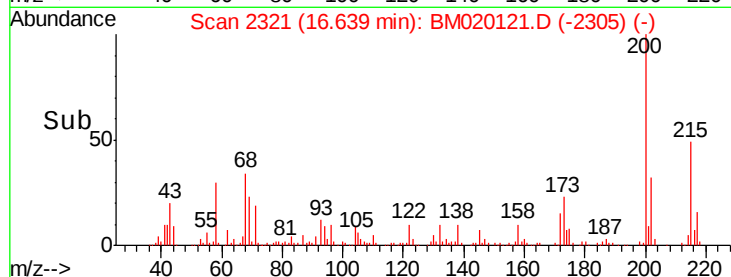
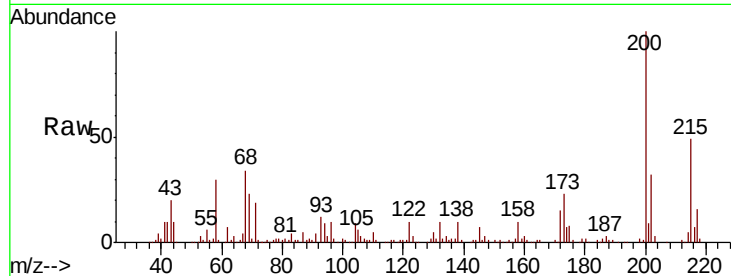
#69
Atrazine
Concen: 42.026 ng
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.1	4.6	44.6
215	49.2	28.0	68.0

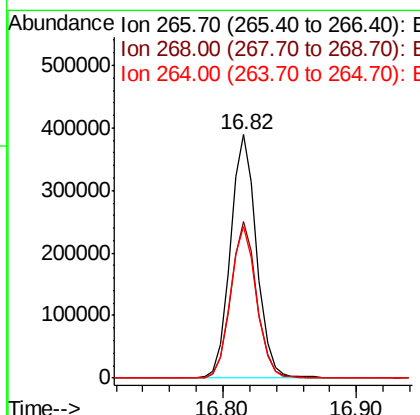
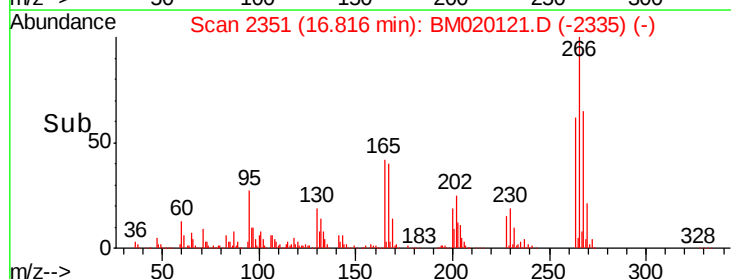
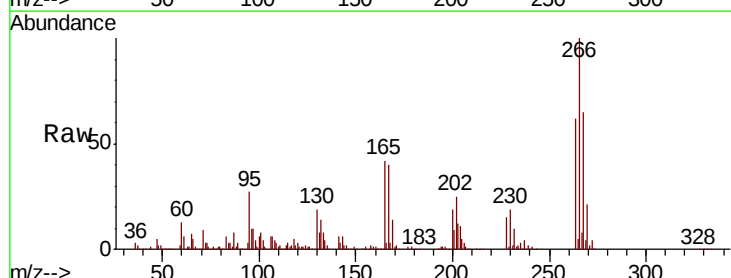
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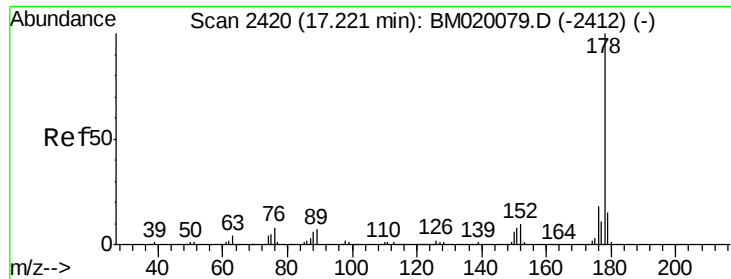
mohammad
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#70
Pentachlorophenol
Concen: 102.150 ng
RT: 16.82 min Scan# 2351
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	51.4	77.0
264	62.4	52.0	78.0





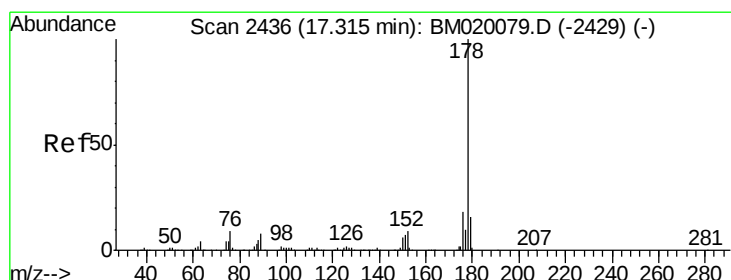
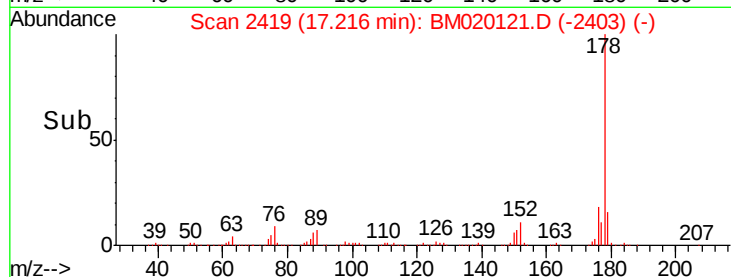
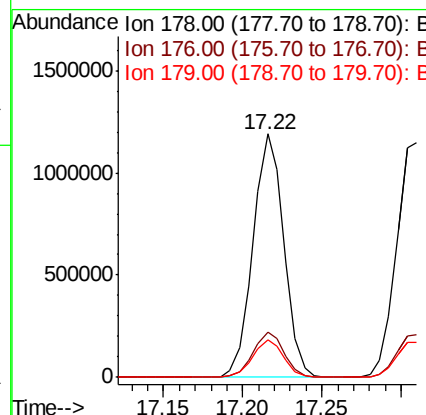
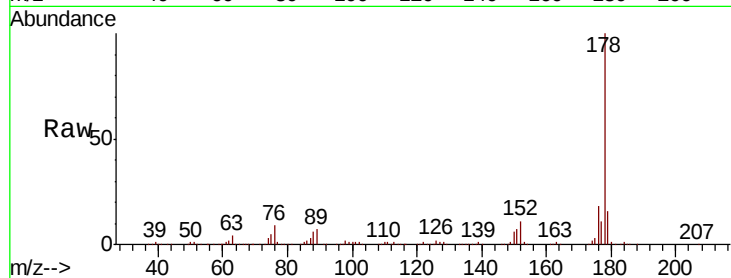
#71
Phenanthrene
Concen: 45.196 ng
RT: 17.22 min Scan# 2419
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion:178 Resp: 1608798
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.6 12.4 18.6

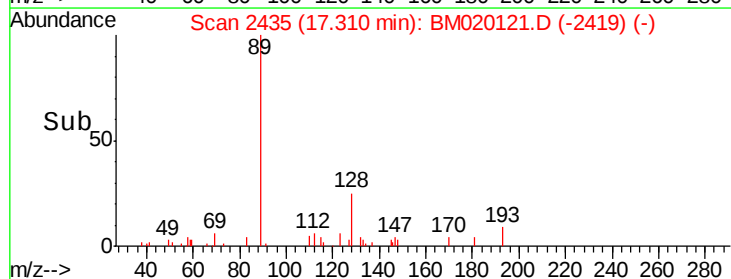
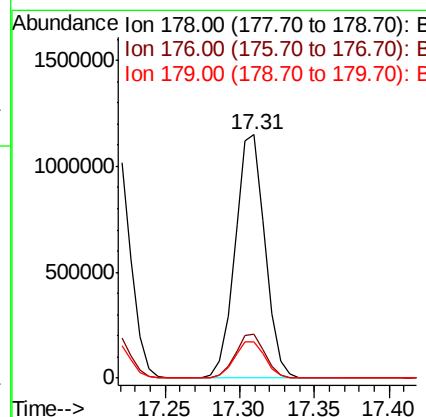
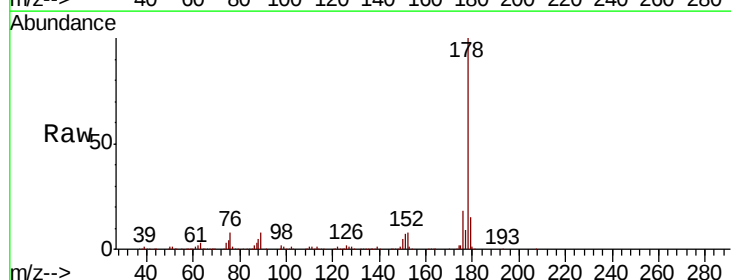
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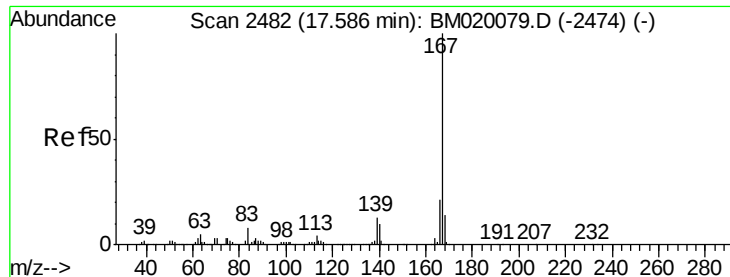
mohammad
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#72
Anthracene
Concen: 45.032 ng
RT: 17.31 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion:178 Resp: 1602683
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.0 12.4 18.6





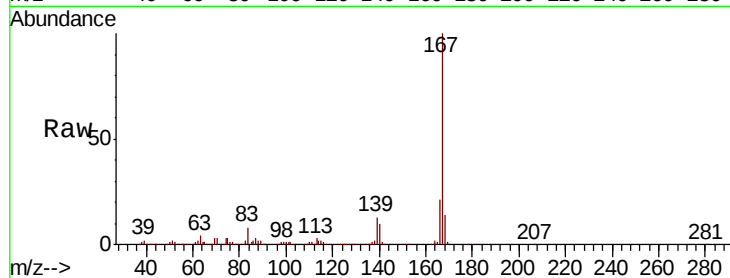
#73
 Carbazole
 Concen: 46.309 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.0	25.6
139	12.7	10.6	16.0

Manual Integrations
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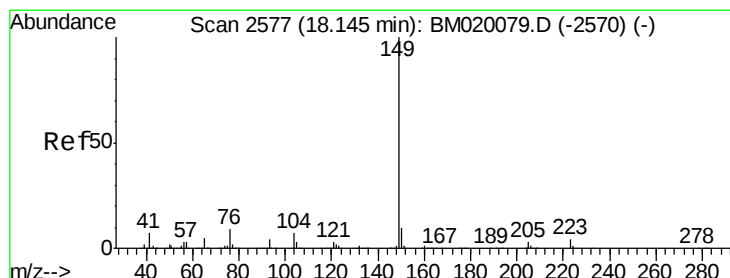
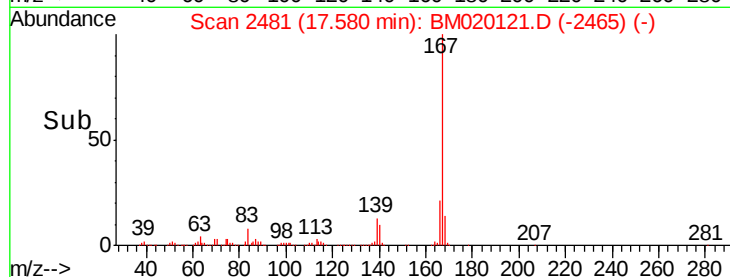
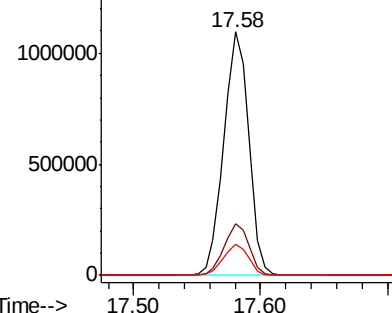


Abundance

Ion 167.00 (166.70 to 167.70): E

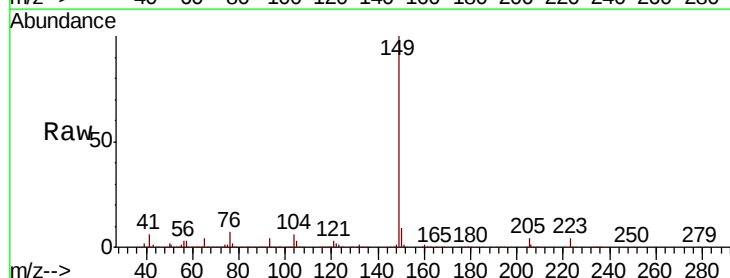
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 48.294 ng
 RT: 18.14 min Scan# 2576
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	6.4	5.7	8.5

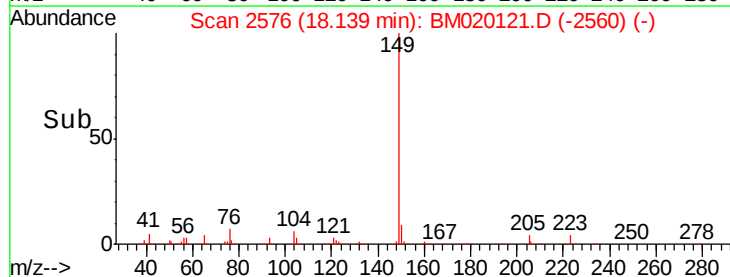
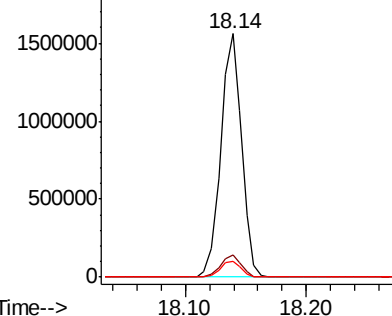


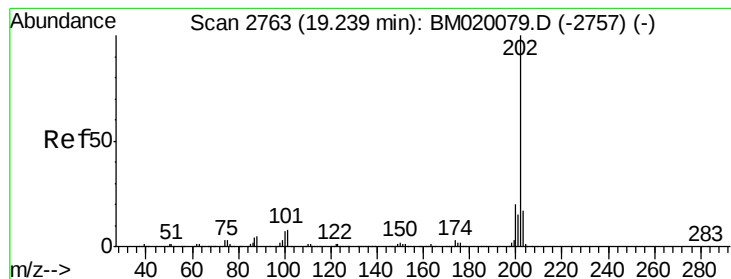
Abundance

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: 50.205 ng

RT: 19.23 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

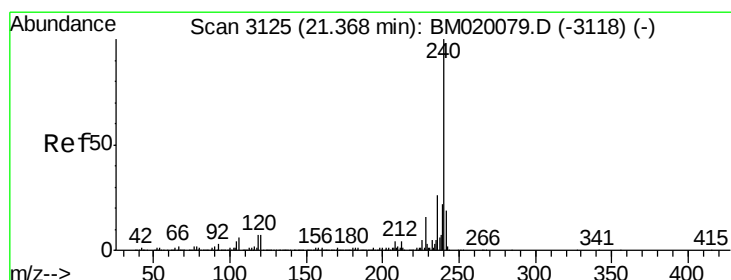
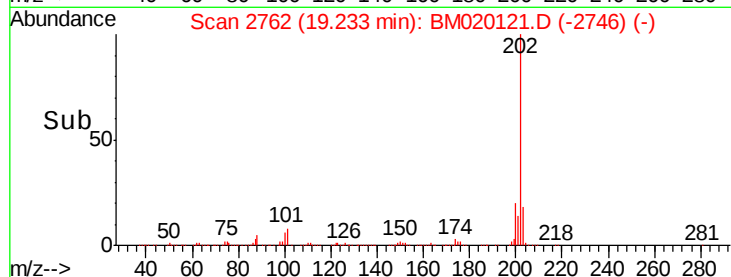
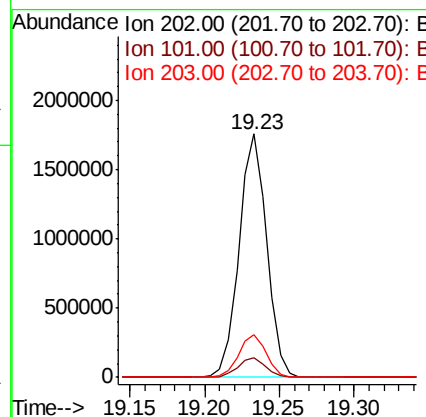
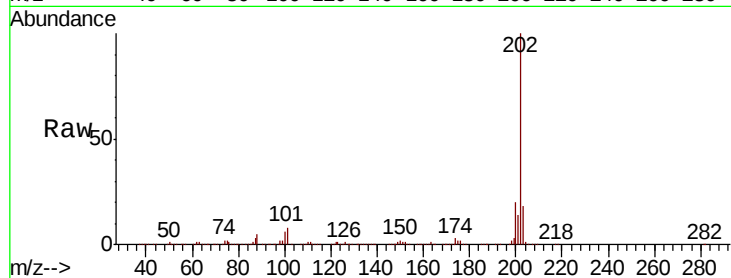
ClientSampleId :

SSSI-0419-S-DH-7MSD

Tot Ion:	202	Resp:	2261137
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	28.4
203	17.6	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

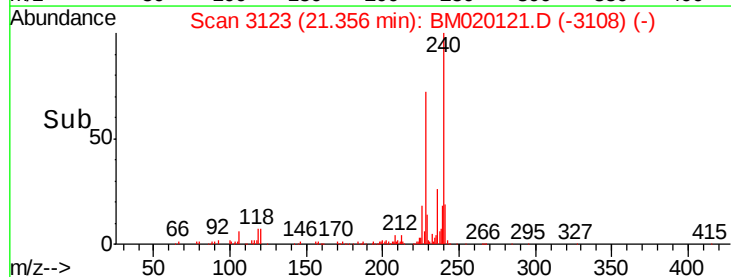
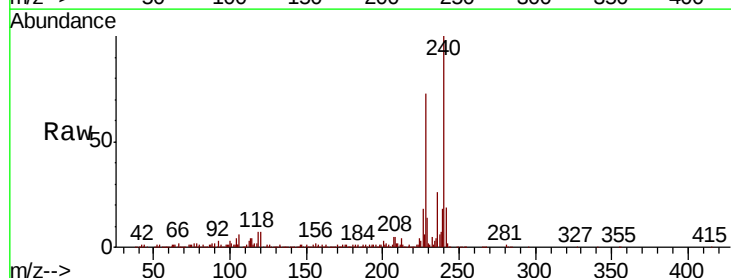
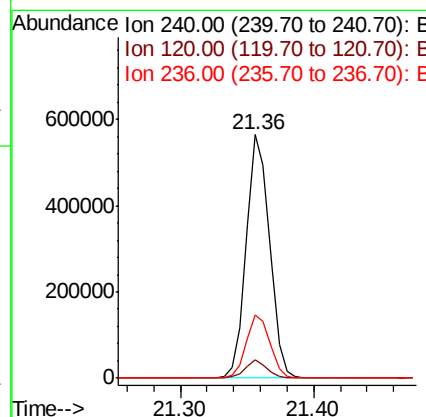
RT: 21.36 min Scan# 3123

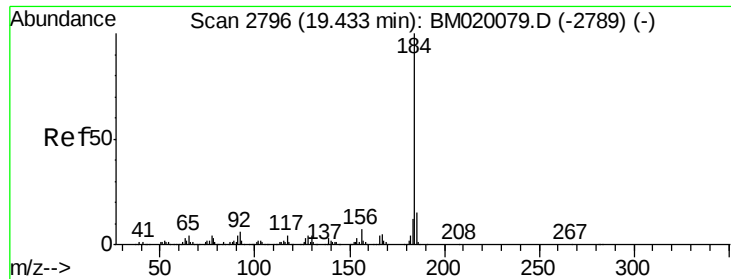
Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion:	240	Resp:	679427
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.6	8.4
236	25.7	20.9	31.3





#77

Benzidine

Concen: 29.710 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

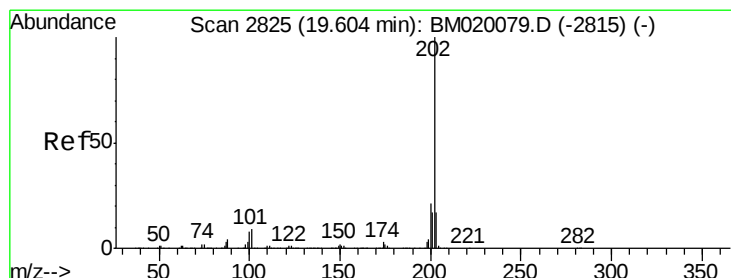
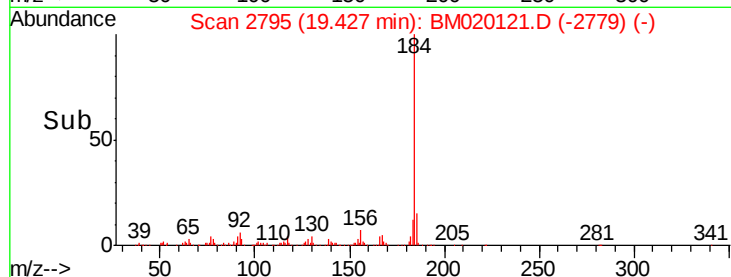
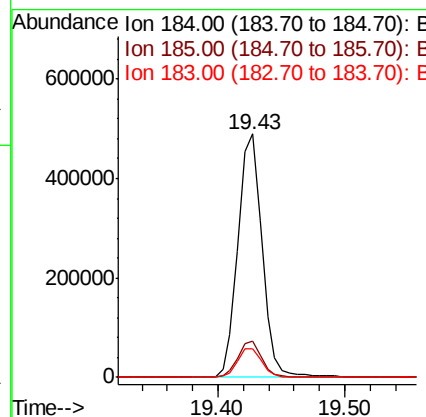
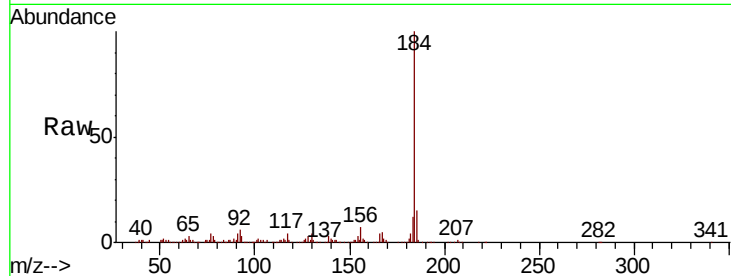
ClientSampleId :

SSSI-0419-S-DH-7MSD

Tot Ion:	184	Resp:	645345
Ion Ratio	Lower	Upper	
184	100		
185	15.0	12.0	18.0
183	11.8	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 50.567 ng

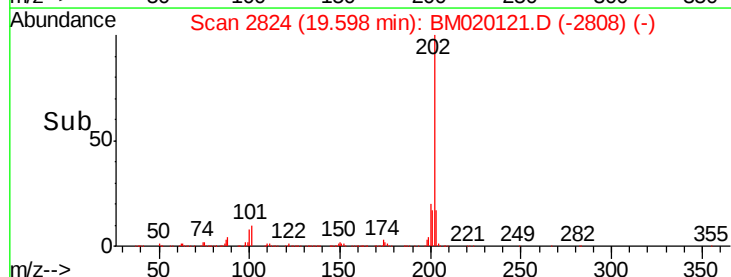
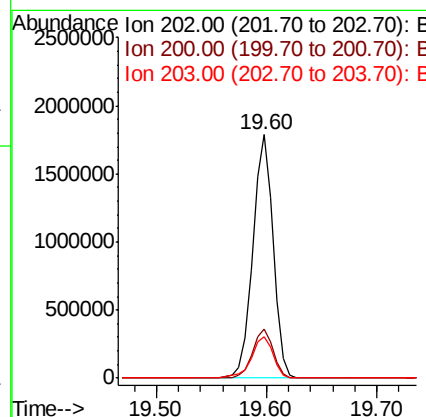
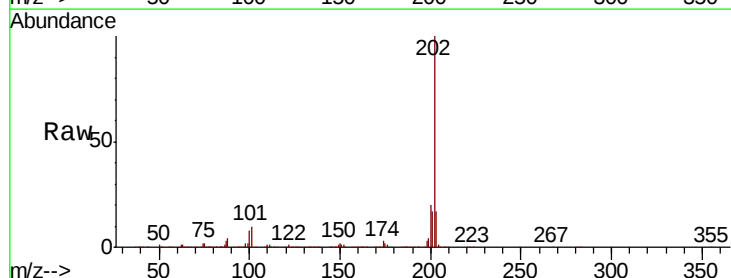
RT: 19.60 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion:	202	Resp:	2306660
Ion Ratio	Lower	Upper	
202	100		
200	20.3	16.5	24.7
203	17.2	13.9	20.9





#79

Terphenyl-d14

Concen: 94.831 ng

RT: 19.80 min Scan# 2858

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

SSSI-0419-S-DH-7MSD

Tot Ion:244 Resp: 3693960

Ion Ratio Lower Upper

244 100

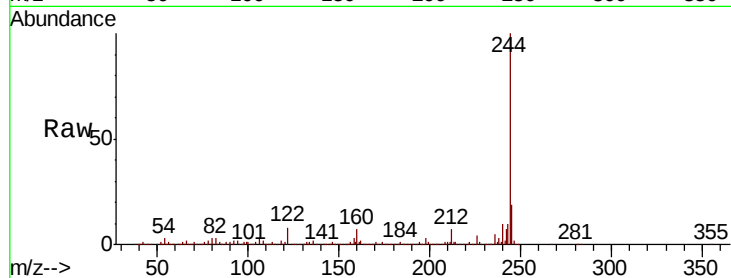
212 6.8 5.7 8.5

122 7.6 6.2 9.2

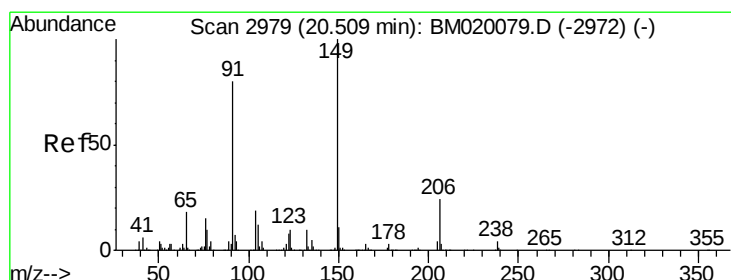
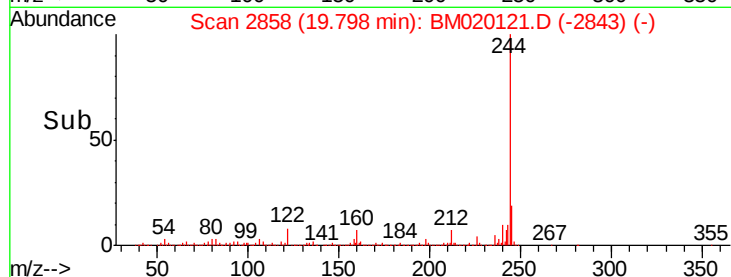
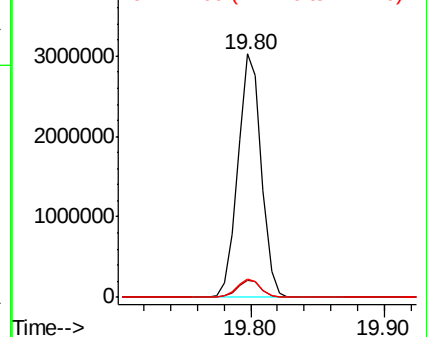
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 54.878 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

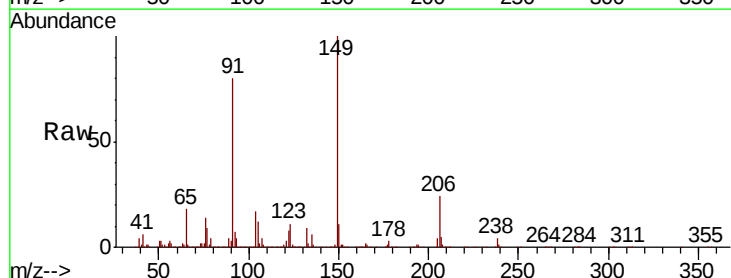
Tgt Ion:149 Resp: 910336

Ion Ratio Lower Upper

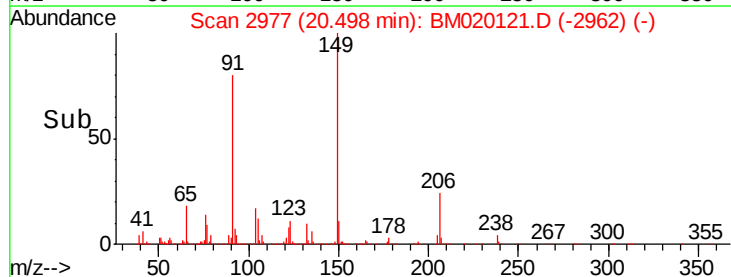
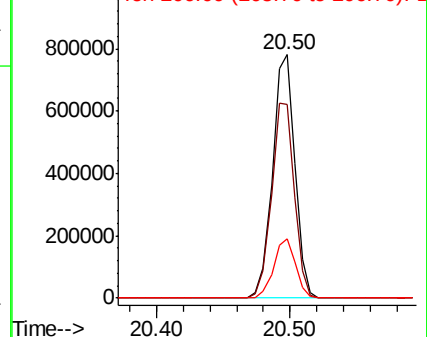
149 100

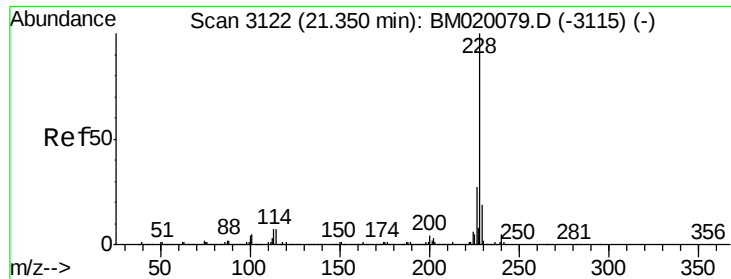
91 79.6 63.8 95.8

206 24.2 18.9 28.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.806 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

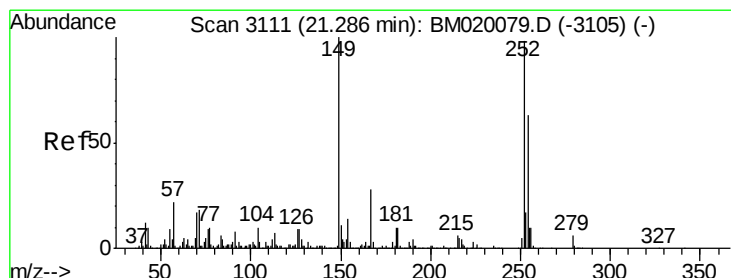
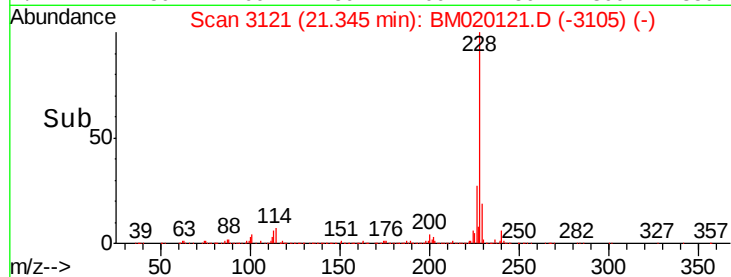
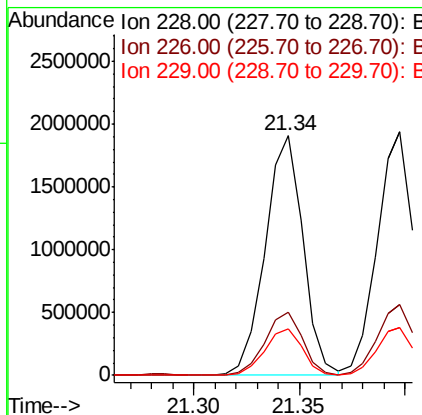
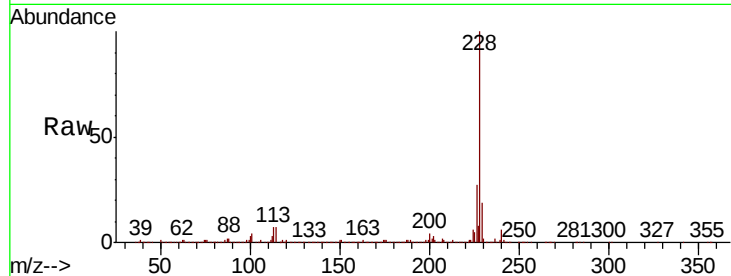
ClientSampleId :

SSSI-0419-S-DH-7MSD

Tot Ion:	228	Resp:	2373167
Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.4	15.5	23.3

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 40.967 ng

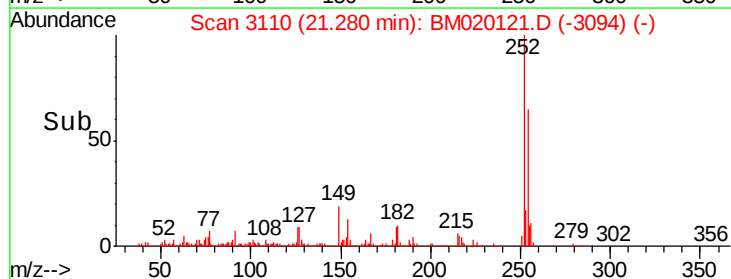
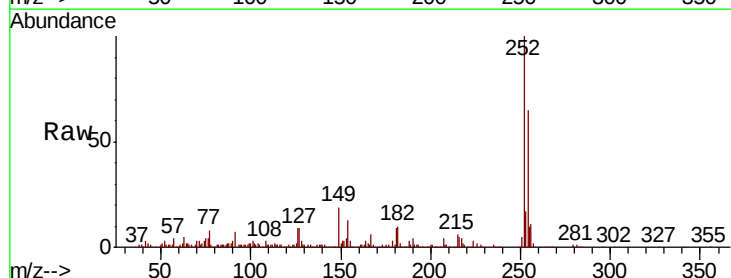
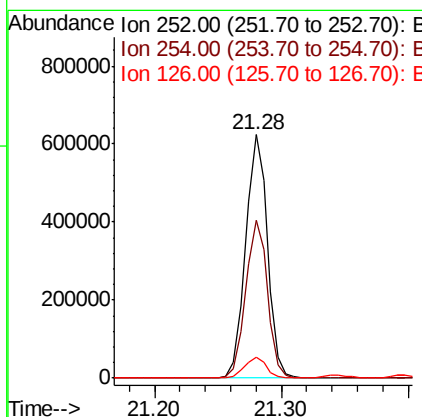
RT: 21.28 min Scan# 3110

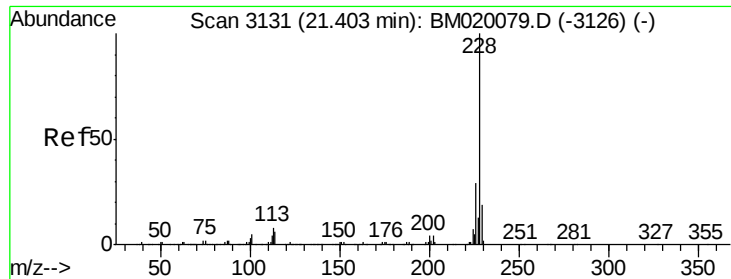
Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Tgt Ion:	252	Resp:	745021
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.1	76.7
126	8.7	7.1	10.7





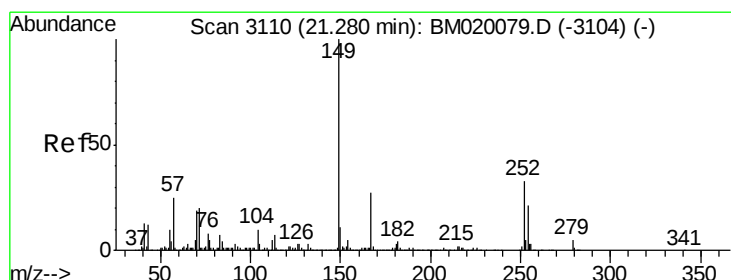
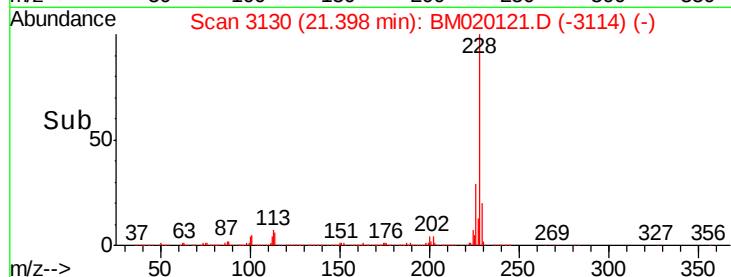
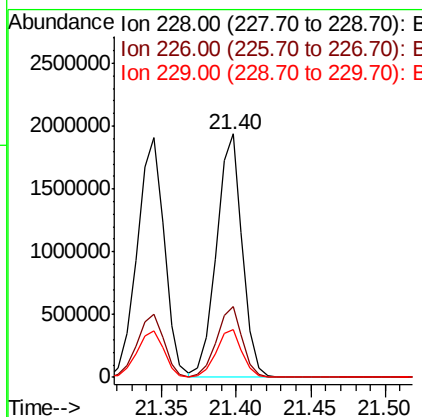
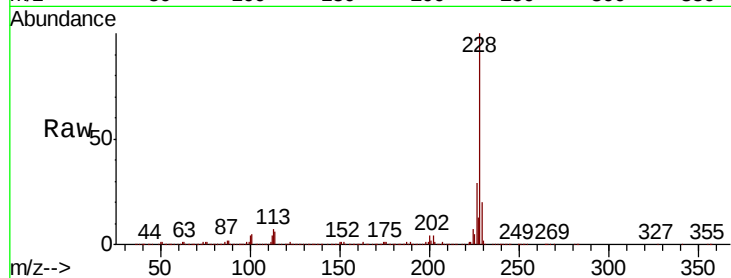
#83
 Chrysene
 Concen: 50.510 ng
 RT: 21.40 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Instrument :
 BNA_M
 ClientSampleId :
 SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.6
229	19.6	15.5	23.3

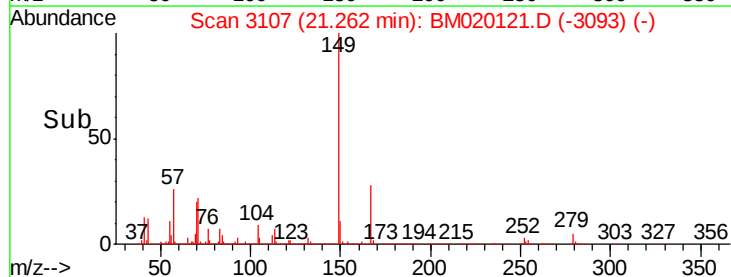
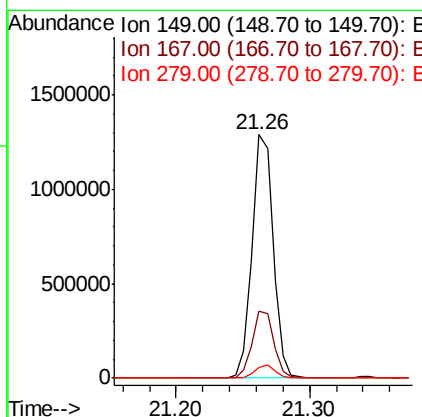
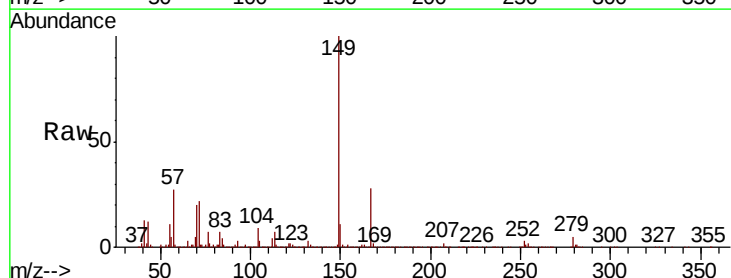
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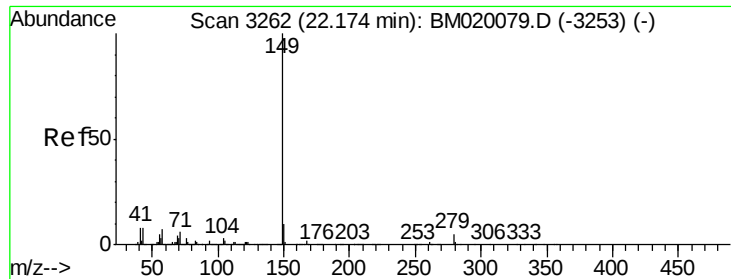
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 54.012 ng
 RT: 21.26 min Scan# 3107
 Delta R.T. -0.02 min
 Lab File: BM020121.D
 Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	21.8	32.8
279	4.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 56.152 ng

RT: 22.16 min Scan# 3259

Delta R.T. -0.02 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

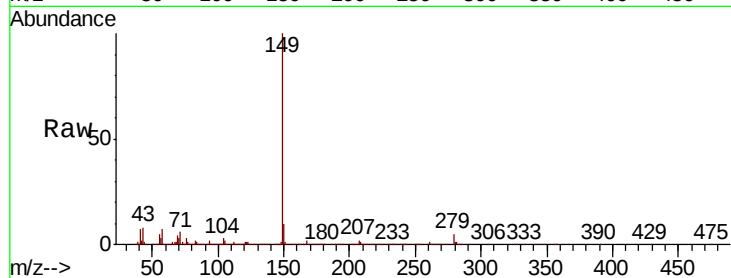
ClientSampleId :

SSSI-0419-S-DH-7MSD

Tot Ion:	149	Resp:	2402314
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	7.4	6.5	9.7

Manual Integrations
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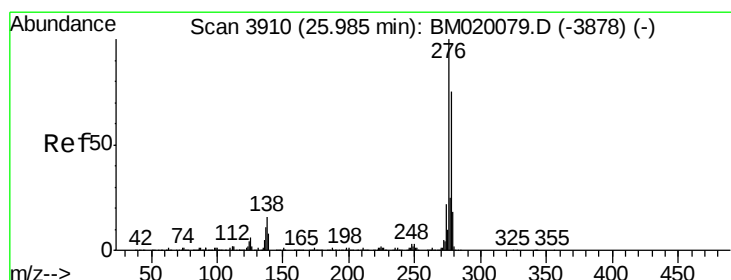
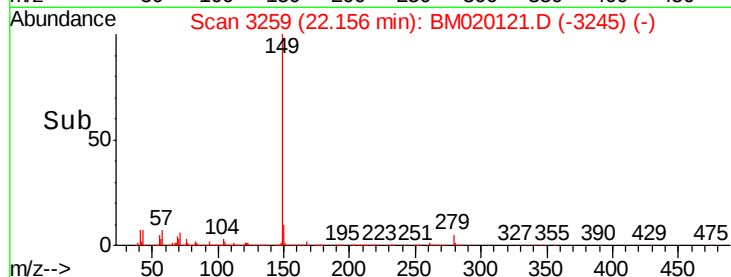
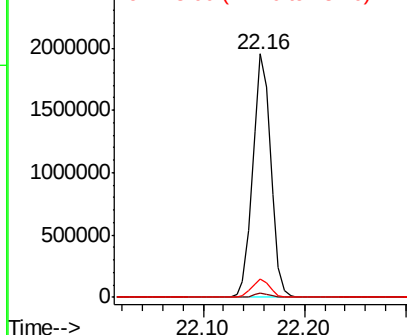


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.856 ng

RT: 25.97 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

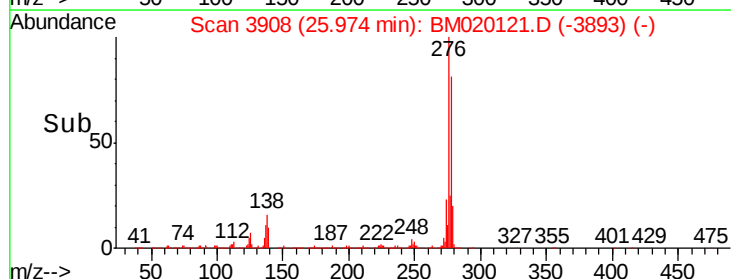
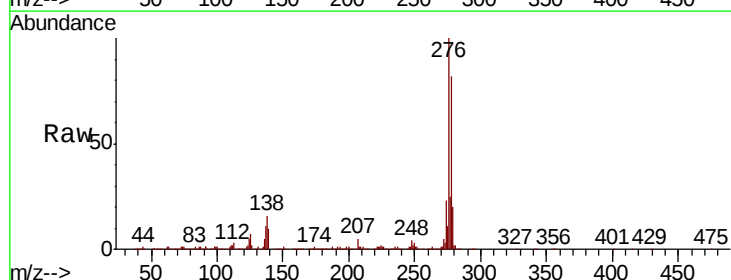
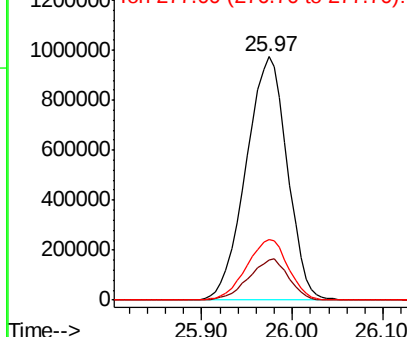
Tgt Ion:	276	Resp:	3070164
Ion Ratio	Lower	Upper	
276	100		
138	16.3	0.0	0.0#
277	25.1	0.0	0.0#

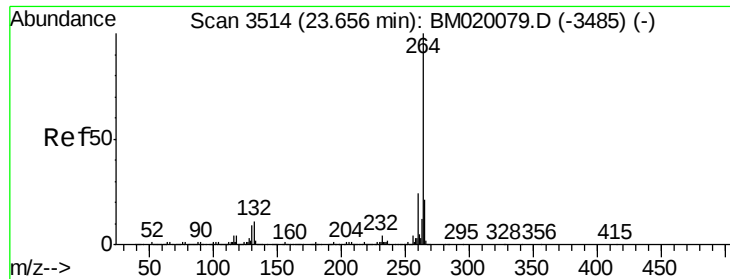
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





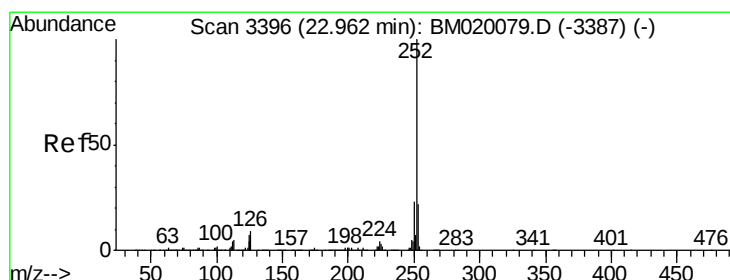
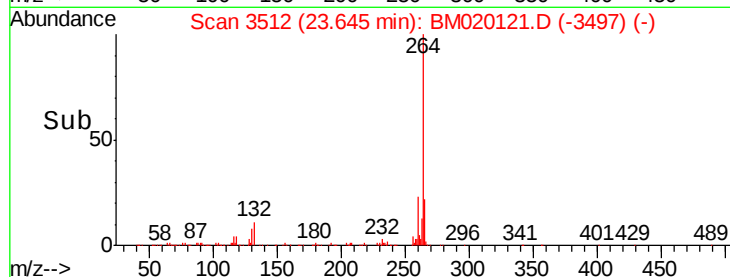
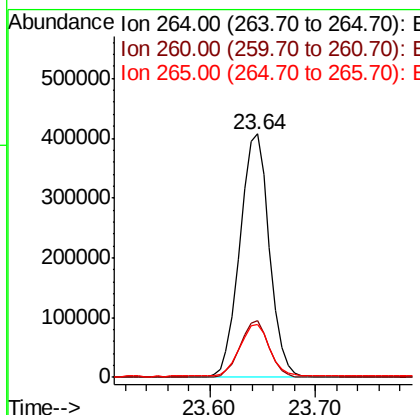
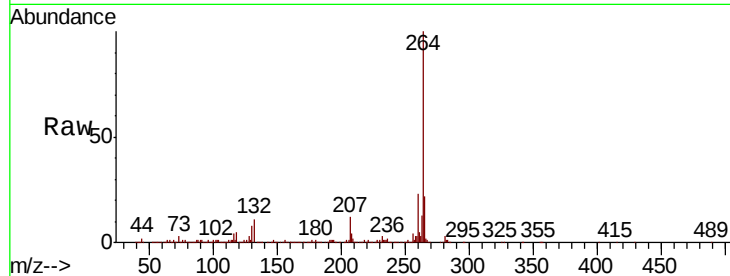
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.0	16.9	25.3

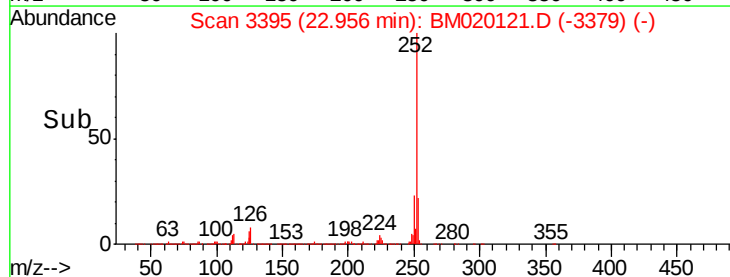
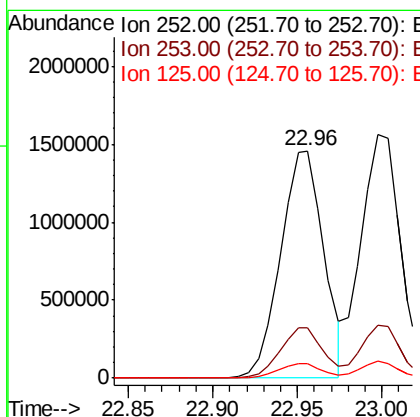
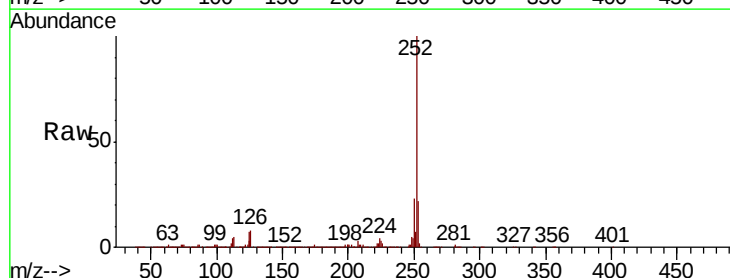
Manual Integrations
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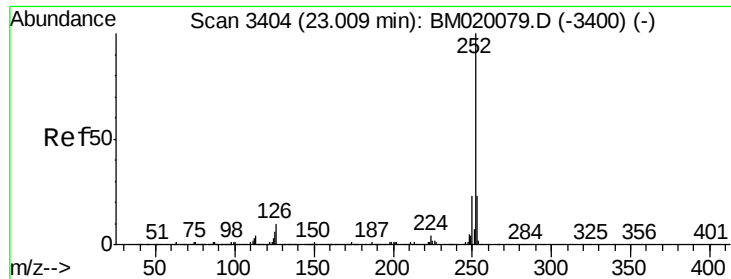
mohammad
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#88
Benzo(b)fluoranthene
Concen: 49.497 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	6.5	5.4	8.2





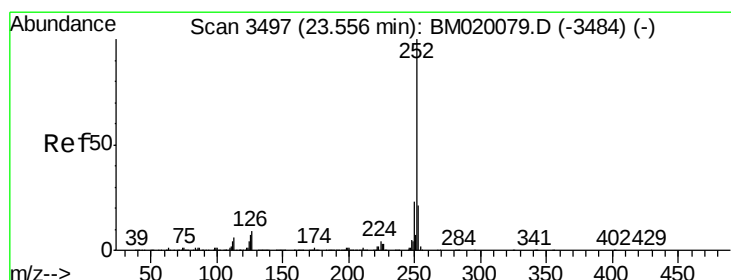
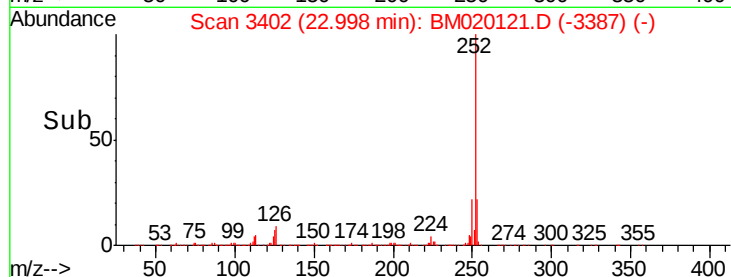
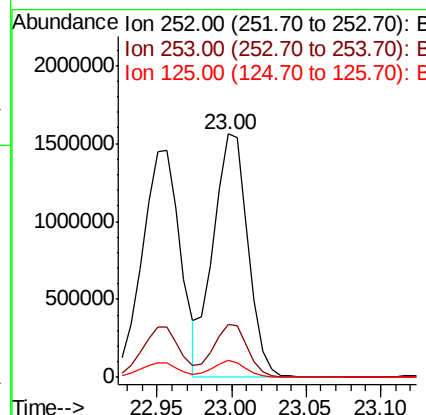
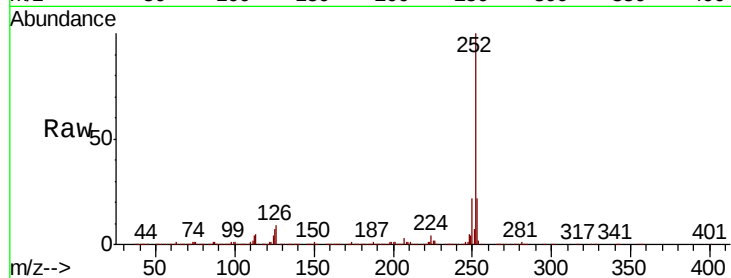
#89
Benzo(k)fluoranthene
Concen: 53.227 ng
RT: 23.00 min Scan# 3402
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Instrument :
BNA_M
ClientSampleId :
SSSI-0419-S-DH-7MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	7.1	5.4	8.0

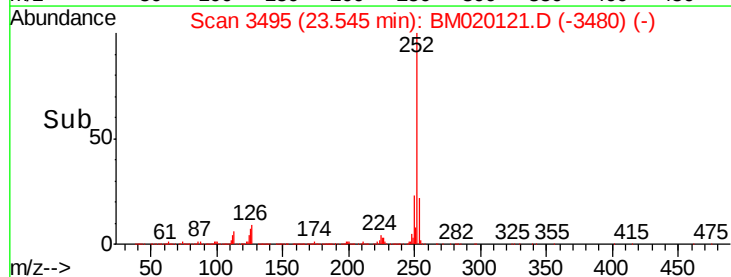
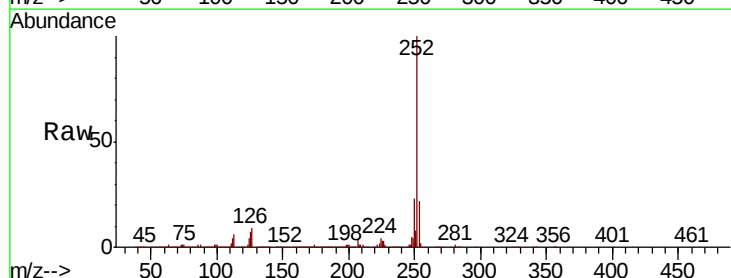
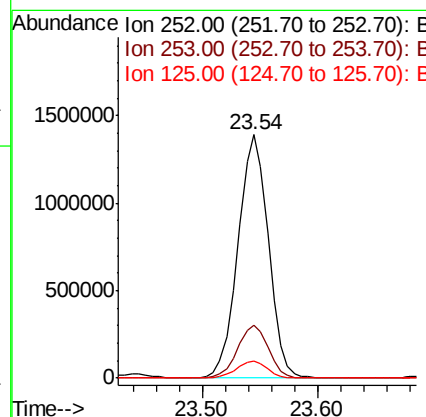
Manual Integrations
APPROVED

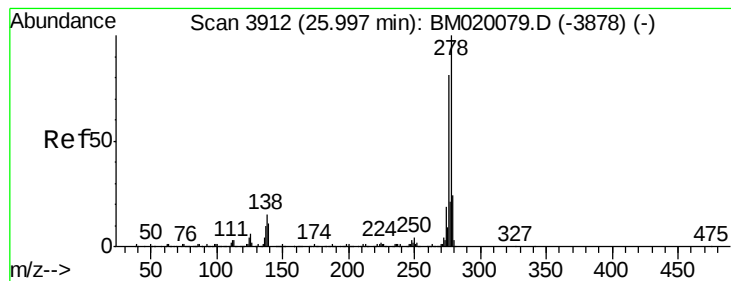
mohammad
5/7/2019 11:59:15 PM



#90
Benzo(a)pyrene
Concen: 53.403 ng
RT: 23.54 min Scan# 3495
Delta R.T. -0.01 min
Lab File: BM020121.D
Acq: 03 May 2019 20:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.0	25.6
125	6.9	5.5	8.3





#91

Dibenzo(a,h)anthracene

Concen: 52.889 ng

RT: 25.99 min Scan# 3910

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

Instrument :

BNA_M

ClientSampleId :

SSSI-0419-S-DH-7MSD

Tot Ion:278 Resp: 2604867

Ion Ratio Lower Upper

278 100

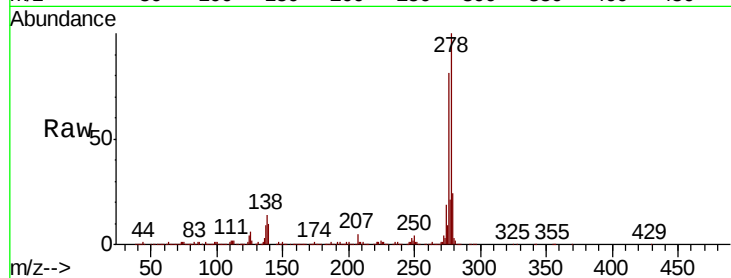
139 10.3 8.6 13.0

279 23.6 18.8 28.2

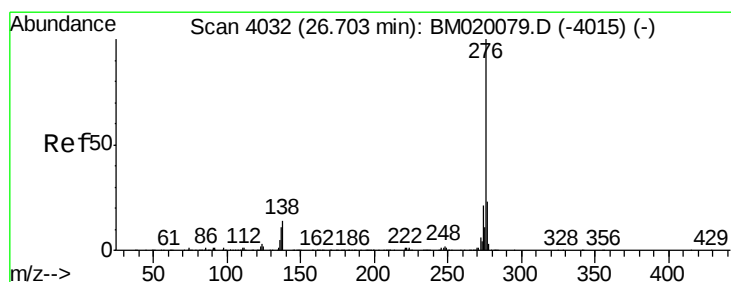
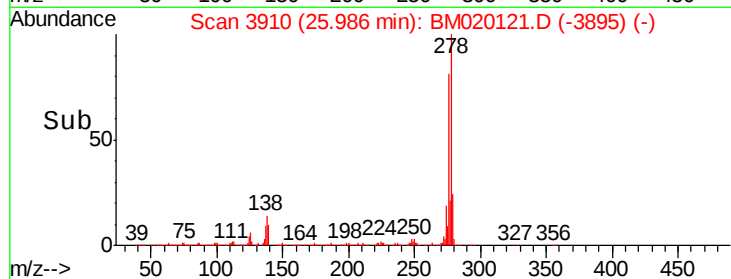
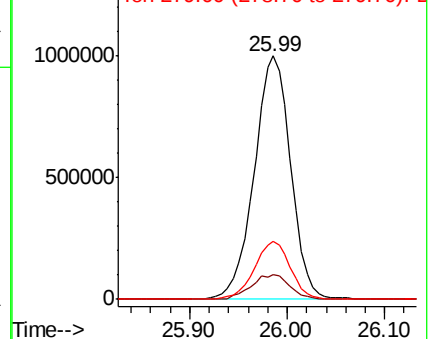
Manual Integrations
APPROVED

mohammad

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



#92

Benzo(g,h,i)perylene

Concen: 54.163 ng

RT: 26.69 min Scan# 4030

Delta R.T. -0.01 min

Lab File: BM020121.D

Acq: 03 May 2019 20:40

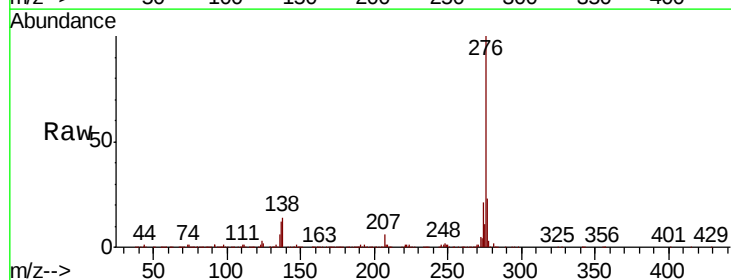
Tgt Ion:276 Resp: 2532675

Ion Ratio Lower Upper

276 100

277 23.4 18.4 27.6

138 13.9 11.1 16.7



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

