

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091620\
 Data File : BM027440.D
 Acq On : 16 Sep 2020 13:33
 Operator : JU/CG
 Sample : PB131588BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BS

Manual Integrations
 APPROVED

mohammad
 9/18/2020 11:29:09 AM

Quant Time: Sep 16 14:06:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM090220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:41:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	88906	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	331902	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	244695	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	574059	20.00	ng	0.00
76) Chrysene-d12	21.14	240	671287	20.00	ng	0.00
86) Perylene-d12	23.31	264	655671	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	538594	100.86	ng	0.00
7) Phenol-d6	6.75	99	658721	91.41	ng	0.00
23) Nitrobenzene-d5	8.70	82	552443	71.11	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	409793	95.51	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1233132	67.02	ng	0.00
79) Terphenyl-d14	19.59	244	2379566	61.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	136644	60.013	ng	100
3) Pyridine	3.54	79	183530	27.748	ng	99
4) n-Nitrosodimethylamine	3.45	42	102167	39.139	ng	# 86
6) Aniline	6.89	93	280366	32.007	ng	96
8) 2-Chlorophenol	7.13	128	213853	39.338	ng	98
9) Benzaldehyde	6.70	77	162726	28.702	ng	98
10) Phenol	6.77	94	267716	38.661	ng	96
11) bis(2-Chloroethyl)ether	6.99	93	207173	35.552	ng	99
12) 1,3-Dichlorobenzene	7.45	146	245686	36.308	ng	98
13) 1,4-Dichlorobenzene	7.59	146	251242	36.927	ng	100
14) 1,2-Dichlorobenzene	7.90	146	240847	36.839	ng	99
15) Benzyl Alcohol	7.80	79	223675	36.117	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.08	45	147135	33.341	ng	98
17) 2-Methylphenol	8.00	107	178006	37.856	ng	98
18) Hexachloroethane	8.62	117	103314	37.893	ng	98
19) n-Nitroso-di-n-propylamine	8.36	70	193346	33.691	ng	98
20) 3+4-Methylphenols	8.33	107	229021	35.698	ng	96
22) Acetophenone	8.37	105	338643	36.243	ng	# 97
24) Nitrobenzene	8.74	77	300121	37.108	ng	98
25) Isophorone	9.27	82	473620	34.653	ng	98
26) 2-Nitrophenol	9.45	139	111917	37.278	ng	94
27) 2,4-Dimethylphenol	9.52	122	186397	36.353	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	275800	35.174	ng	100
29) 2,4-Dichlorophenol	9.98	162	227813	38.589	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	264714	37.554	ng	100
31) Naphthalene	10.37	128	649259	36.518	ng	99
32) Benzoic acid	9.66	122	98929	29.798	ng	91
33) 4-Chloroaniline	10.49	127	196463	26.028	ng	99
34) Hexachlorobutadiene	10.67	225	185366	38.916	ng	99
35) Caprolactam	11.29	113	56441m	32.486	ng	
36) 4-Chloro-3-methylphenol	11.62	107	230473	36.335	ng	97
37) 2-Methylnaphthalene	11.99	142	507314	36.416	ng	97
38) 1-Methylnaphthalene	12.22	142	485519	37.118	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	329813	37.439	ng	98

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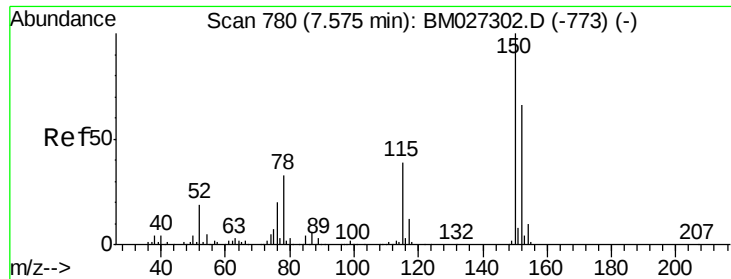
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 16 13:41:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	453704	78.253	nq	99
43) 2,4,6-Trichlorophenol	12.62	196	201346	37.278	nq	98
44) 2,4,5-Trichlorophenol	12.69	196	219167	37.328	nq	98
46) 1,1'-Biphenyl	13.02	154	709261	36.624	nq	99
47) 2-Chloronaphthalene	13.06	162	564563	36.767	nq	100
48) 2-Nitroaniline	13.27	65	181051	38.560	nq	98
49) Acenaphthylene	13.92	152	874155	37.579	nq	100
50) Dimethylphthalate	13.66	163	731357	36.363	nq	100
51) 2,6-Dinitrotoluene	13.77	165	157857	36.846	nq	95
52) Acenaphthene	14.26	154	536105	37.148	nq	98
53) 3-Nitroaniline	14.10	138	102433	25.548	nq	95
54) 2,4-Dinitrophenol	14.32	184	165869	59.763	nq	97
55) Dibenzofuran	14.60	168	923542	37.832	nq	99
56) 4-Nitrophenol	14.43	139	246642	72.780	nq	93
57) 2,4-Dinitrotoluene	14.57	165	228046	38.413	nq	96
58) Fluorene	15.25	166	769370	37.547	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.83	232	225976	39.813	nq	99
60) Diethylphthalate	15.04	149	772744	37.354	nq	99
61) 4-Chlorophenyl-phenylether	15.25	204	423562	37.627	nq	99
62) 4-Nitroaniline	15.27	138	146152	33.091	nq	92
63) Azobenzene	15.54	77	849651	39.709	nq	98
65) 4,6-Dinitro-2-methylphenol	15.34	198	119963	32.562	nq	96
66) n-Nitrosodiphenylamine	15.47	169	676088	38.073	nq	99
67) 4-Bromophenyl-phenylether	16.14	248	273156	38.540	nq	97
68) Hexachlorobenzene	16.26	284	317044	38.321	nq	98
69) Atrazine	16.43	200	225958	43.501	nq	97
70) Pentachlorophenol	16.60	266	383500	76.652	nq	99
71) Phenanthrene	16.99	178	1280867	38.372	nq	100
72) Anthracene	17.07	178	1307020	38.796	nq	99
73) Carbazole	17.34	167	1126281	38.297	nq	100
74) Di-n-butylphthalate	17.93	149	1359397	38.426	nq	99
75) Fluoranthene	19.01	202	1569958	38.771	nq	100
77) Benzidine	19.20	184	784427	38.384	nq	99
78) Pyrene	19.37	202	1663070	36.327	nq	100
80) Butylbenzylphthalate	20.30	149	650120	34.581	nq	96
81) Benzo(a)anthracene	21.13	228	1737450	38.767	nq	99
82) 3,3'-Dichlorobenzidine	21.07	252	538220	29.739	nq	99
83) Chrysene	21.19	228	1699271	39.015	nq	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	984853	39.605	nq	97
85) Di-n-octyl phthalate	21.95	149	1670821	40.367	nq	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	2123677	47.764	nq	99
88) Benzo(b)fluoranthene	22.67	252	1796277	39.385	nq	99
89) Benzo(k)fluoranthene	22.71	252	1794631	40.702	nq	100
90) Benzo(a)pyrene	23.22	252	1614659	41.860	nq	100
91) Dibenzo(a,h)anthracene	25.48	278	1793952	47.768	nq	99
92) Benzo(g,h,i)perylene	26.12	276	1808216	49.962	nq	99

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



#1

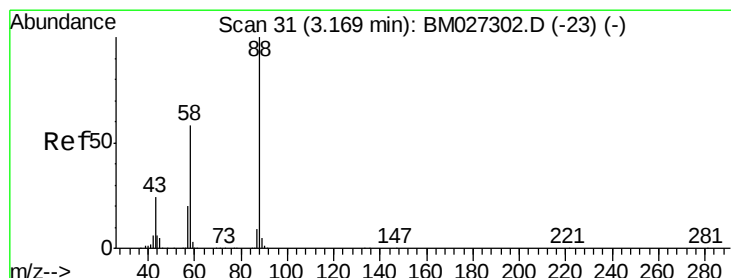
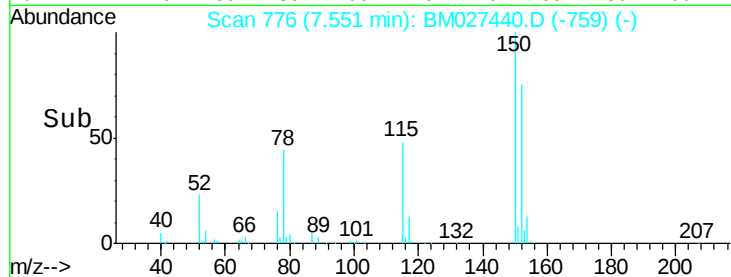
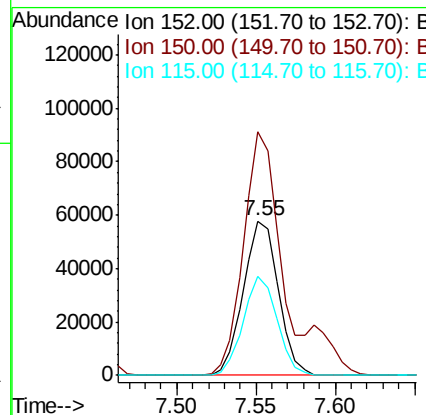
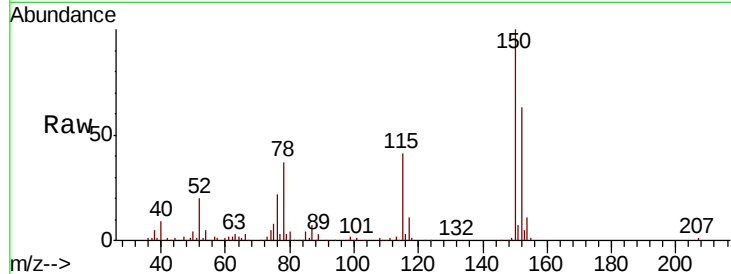
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 776
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	120.6	181.0
115	64.1	47.2	70.8

Manual Integrations
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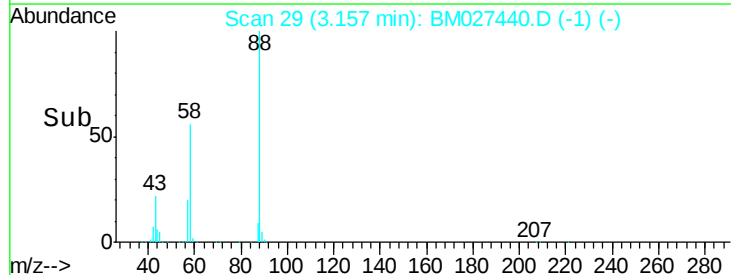
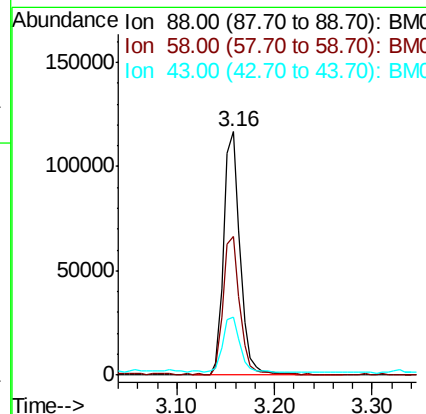
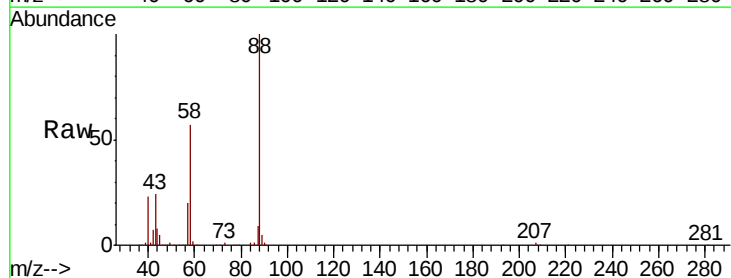
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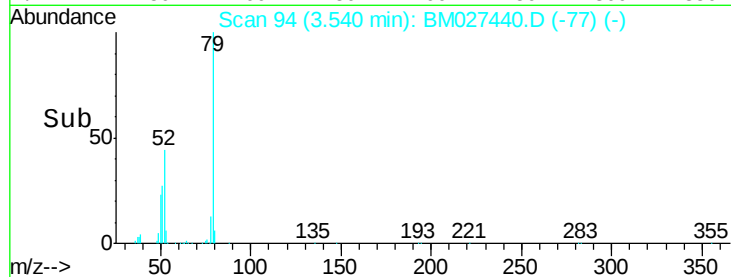
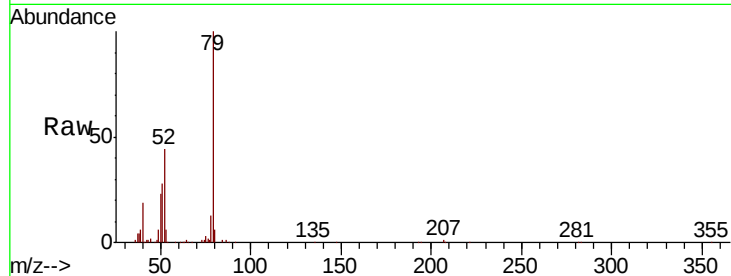
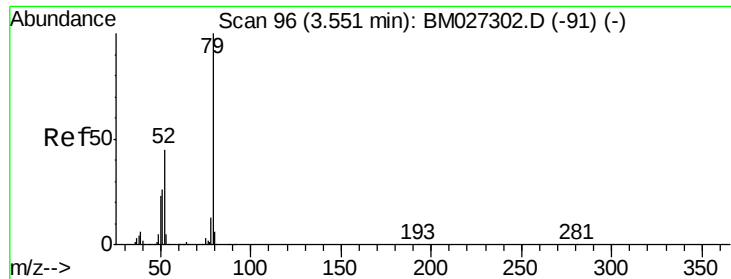


#2

1,4-Dioxane
Concen: 60.013 ng
RT: 3.16 min Scan# 29
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.3	46.2	69.2
43	23.6	19.0	28.6





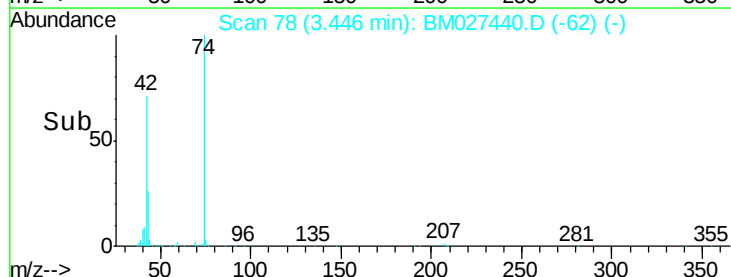
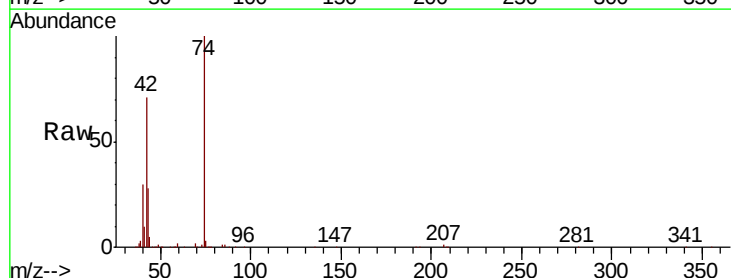
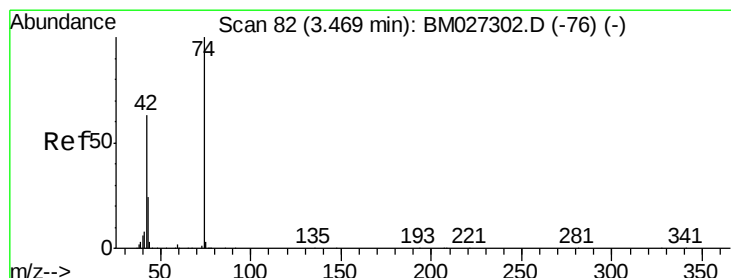
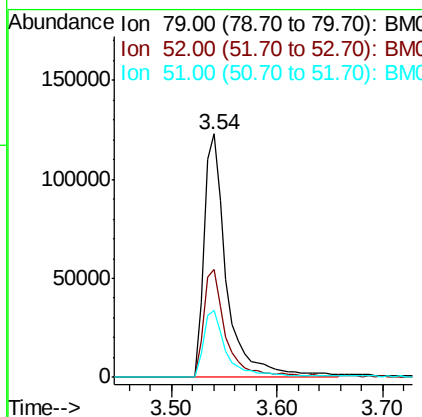
#3
 Pvridine
 Concen: 27.748 ng
 RT: 3.54 min Scan# 94
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	183530		
52	52	44.4		35.8	53.8
51	51	27.6		21.0	31.6

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BS

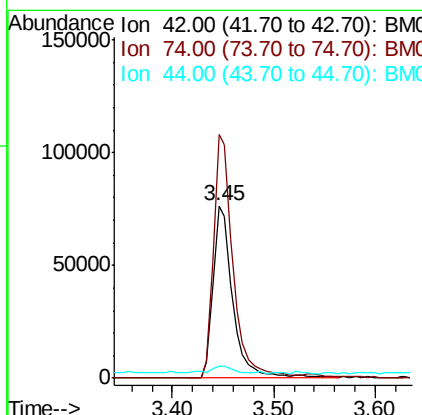
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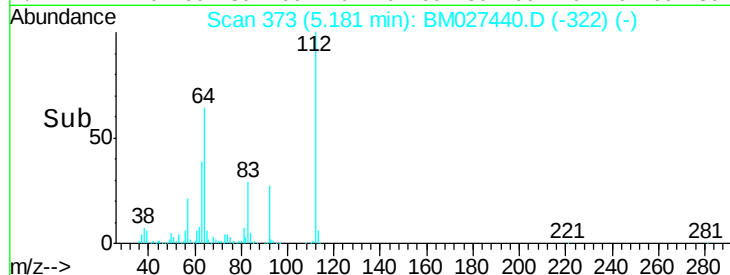
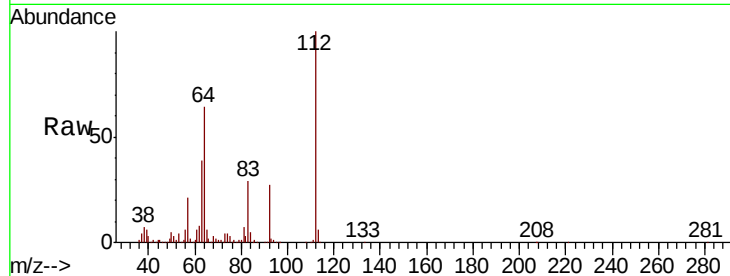
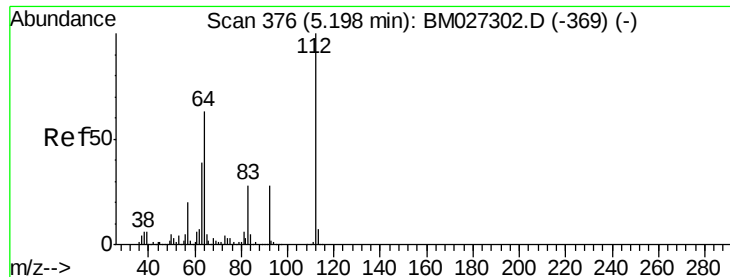
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#4
 n-Nitrosodimethylamine
 Concen: 39.139 ng
 RT: 3.45 min Scan# 78
 Delta R.T. -0.01 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	102167		
74	74	141.3		127.8	191.6
44	44	7.2		4.1	6.1#





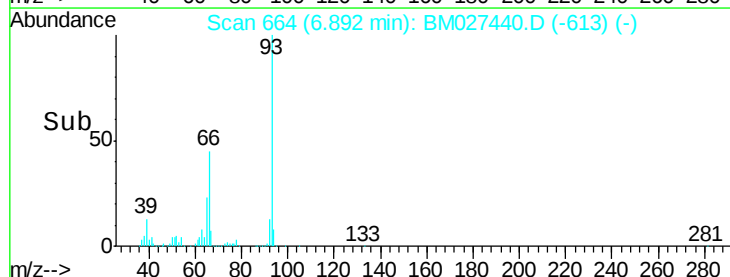
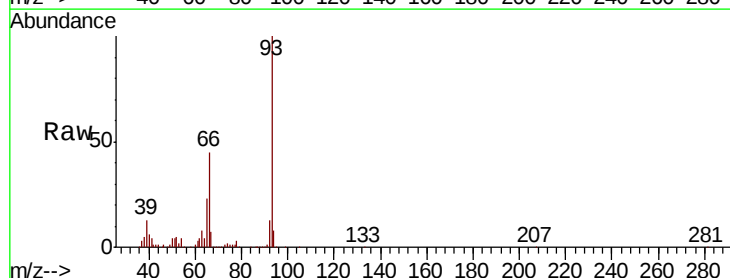
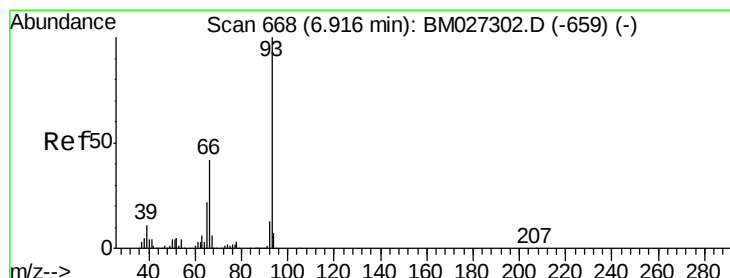
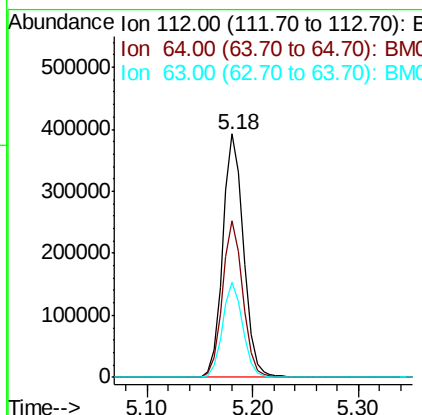
#5
2-Fluorophenol
Concen: 100.858 ng
RT: 5.18 min Scan# 373
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tot Ion:	112	Resp:	538594
Ion Ratio	Lower	Upper	
112	100		
64	64.2	50.6	76.0
63	39.0	31.0	46.6

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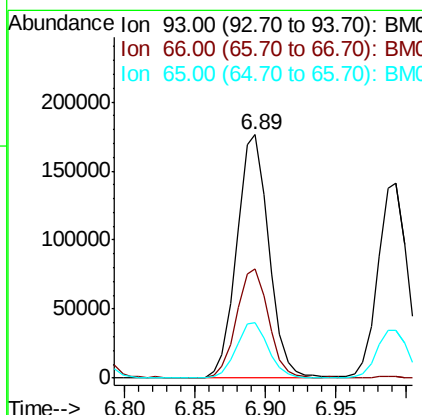
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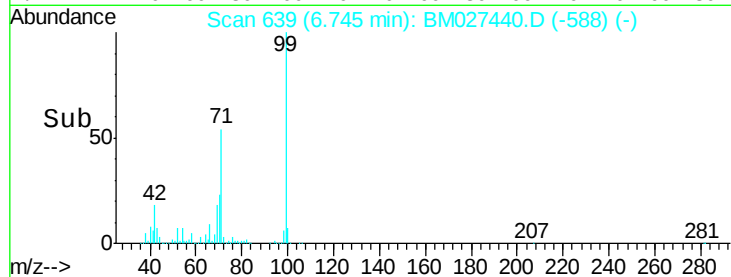
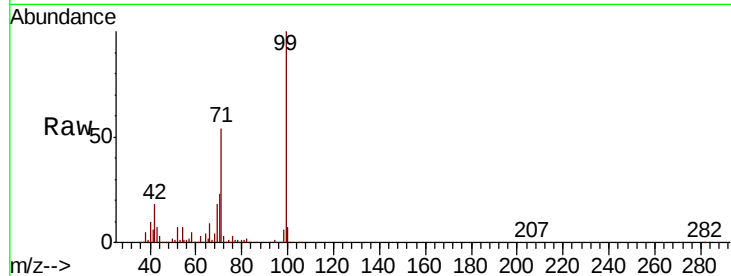
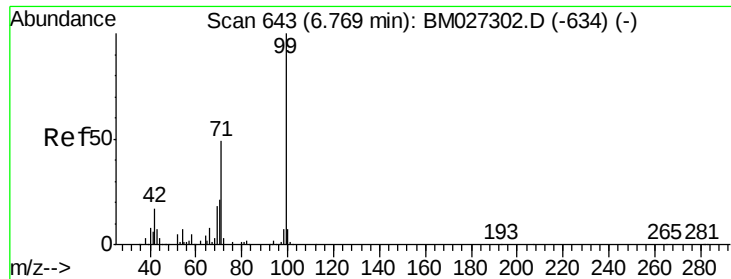
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#6
Aniline
Concen: 32.007 ng
RT: 6.89 min Scan# 664
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion:	93	Resp:	280366
Ion Ratio	Lower	Upper	
93	100		
66	44.9	33.3	49.9
65	22.6	17.4	26.0





#7

Phenol-d6

Concen: 91.409 ng

RT: 6.75 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		658721		
42	18.3	13.5	20.3		
71	53.6	39.4	59.0		

Instrument :

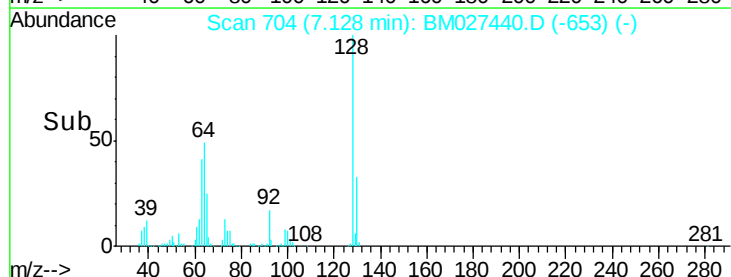
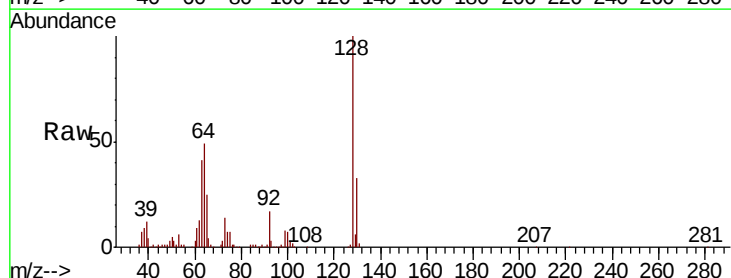
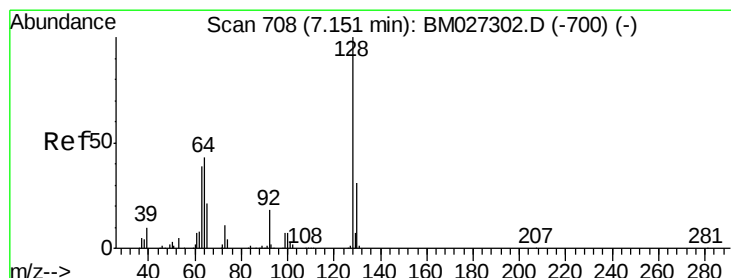
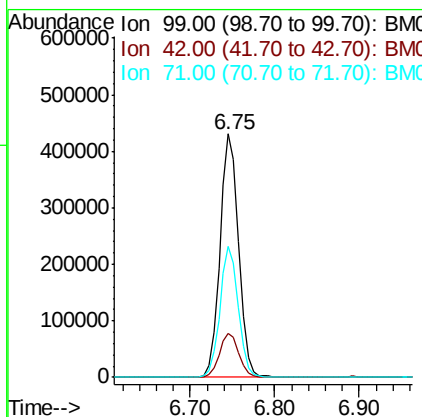
BNA_M

ClientSampled :

PB131588BS

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#8

2-Chlorophenol

Concen: 39.338 ng

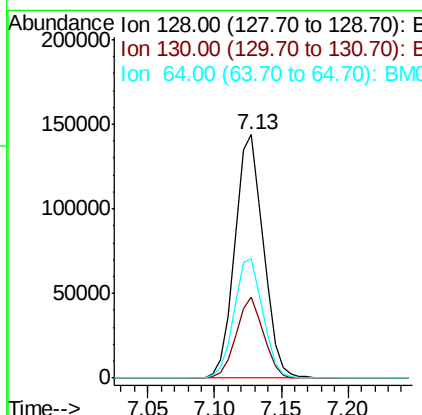
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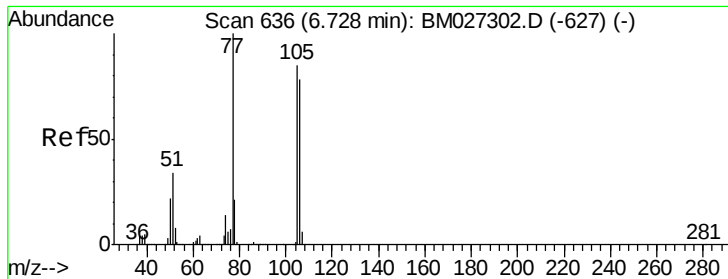
Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		213853		
130	33.0	11.5	51.5		
64	49.1	30.1	70.1		





#9

Benzaldehyde

Concen: 28.702 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

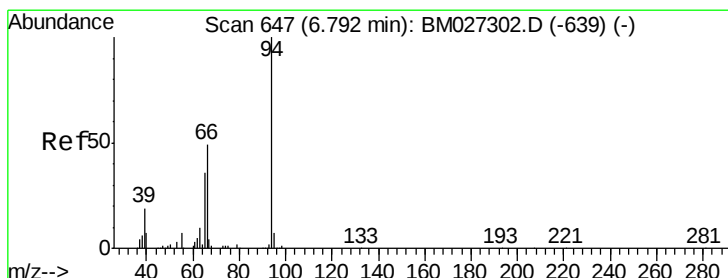
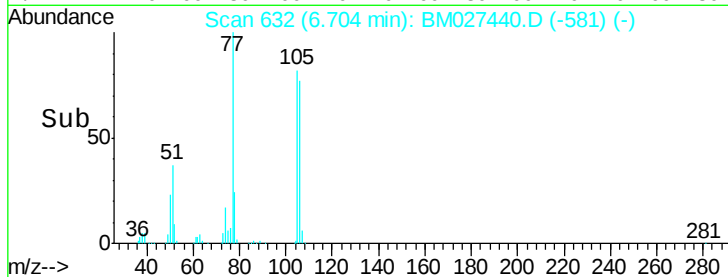
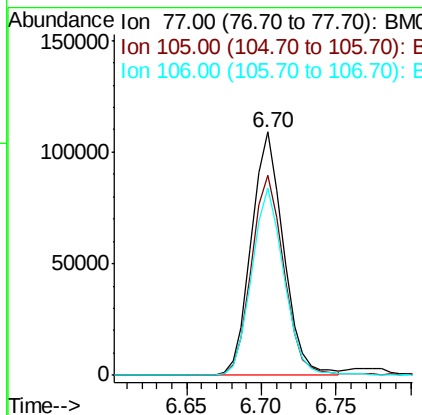
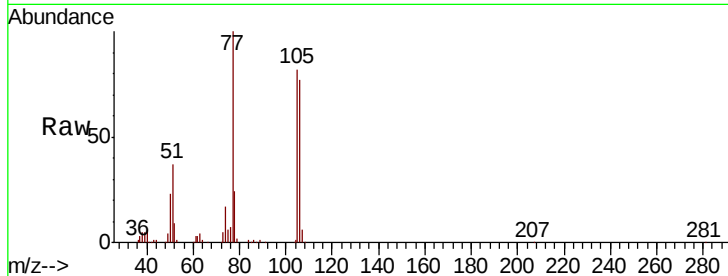
ClientSampled :

PB131588BS

Tot Ion:	77	Resp:	162726
Ion	Ratio	Lower	Upper
77	100		
105	82.4	64.7	104.7
106	76.7	57.5	97.5

Manual Integrations
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#10

Phenol

Concen: 38.661 ng

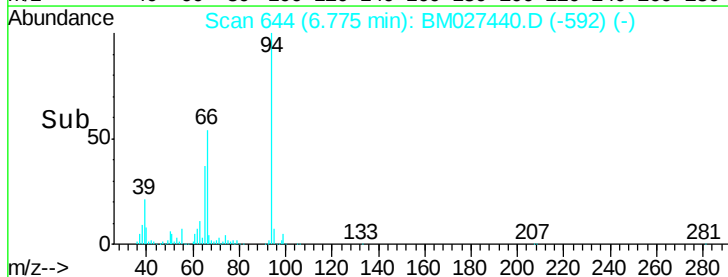
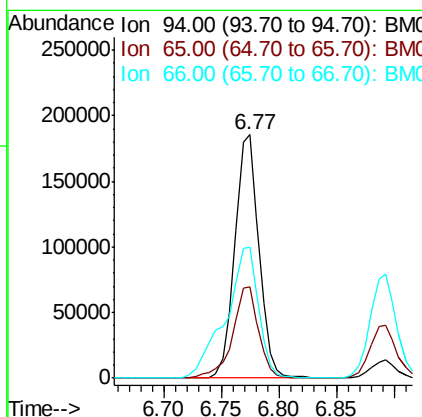
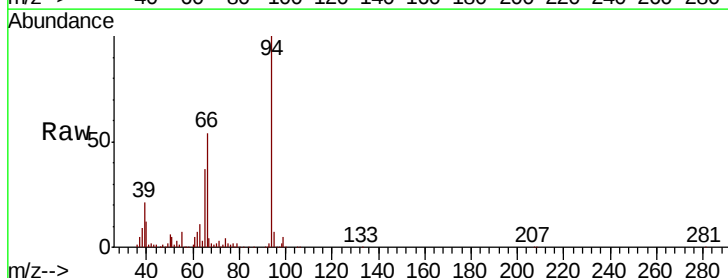
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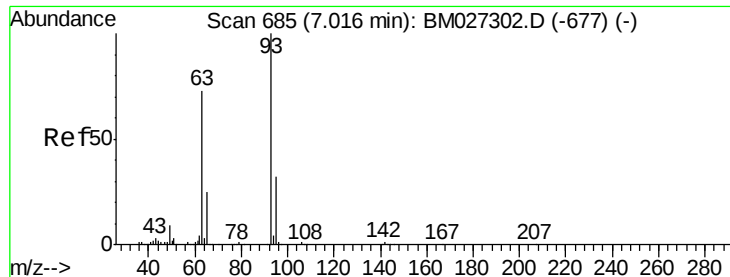
Delta R.T. 0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	94	Resp:	267716
Ion	Ratio	Lower	Upper
94	100		
65	37.3	16.4	56.4
66	53.9	30.2	70.2





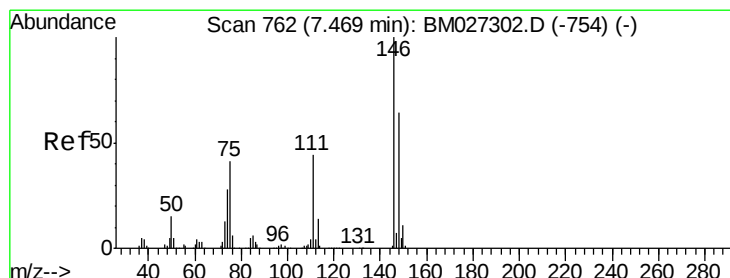
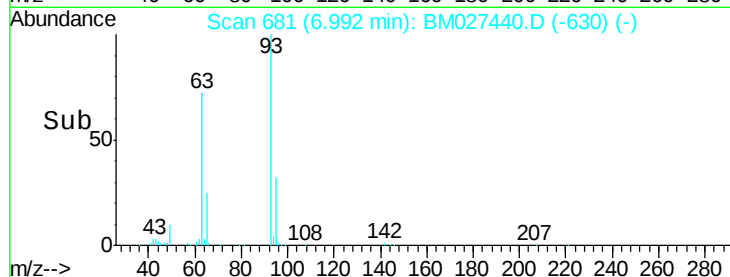
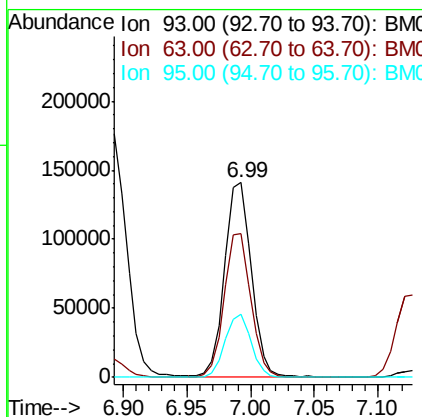
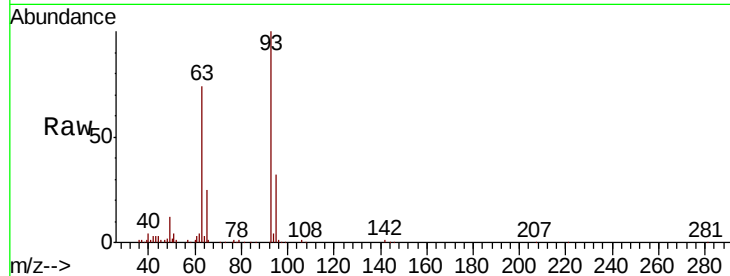
#11
bis(2-Chloroethyl)ether
Concen: 35.552 ng
RT: 6.99 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		207173		
63	73.9	53.1	93.1		
95	32.3	12.1	52.1		

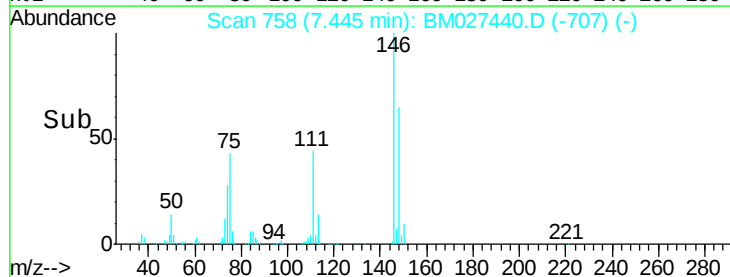
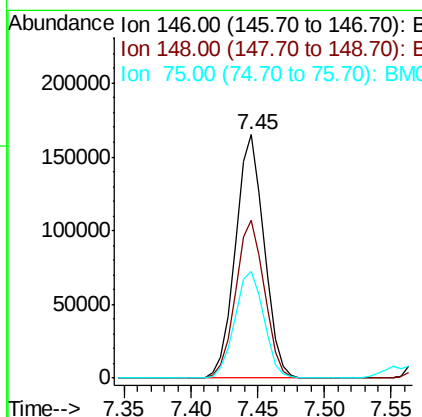
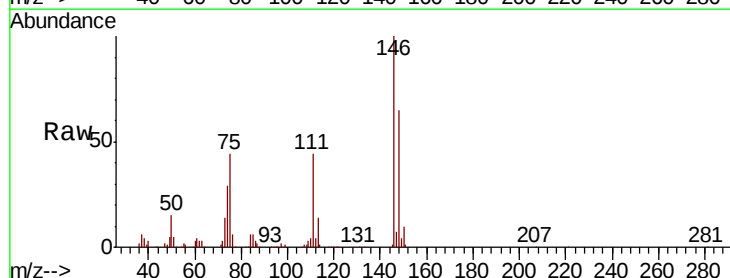
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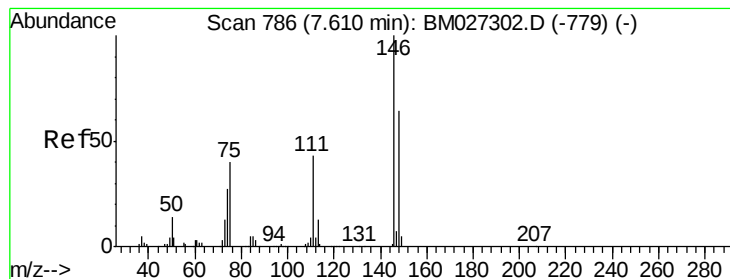
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.308 ng
RT: 7.45 min Scan# 758
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		245686		
148	65.0	51.6	77.4		
75	43.7	33.0	49.6		





#13

1,4-Dichlorobenzene

Concen: 36.927 ng

RT: 7.59 min Scan# 782

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

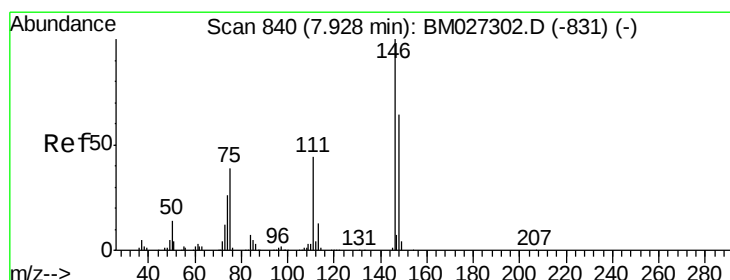
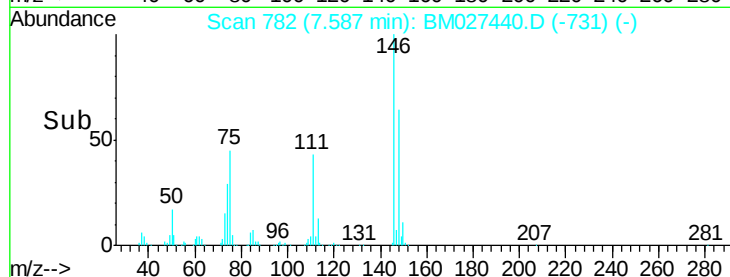
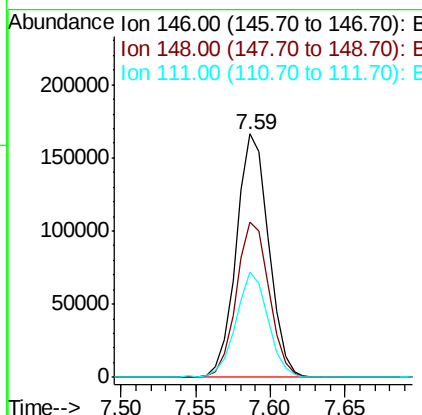
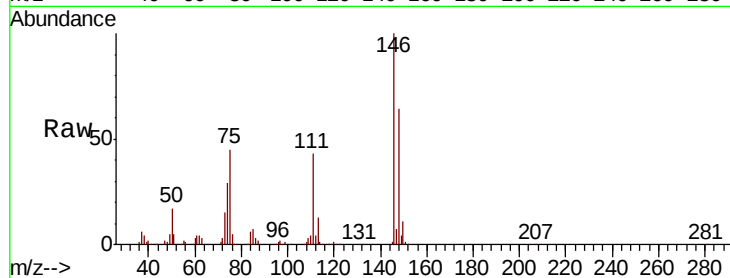
ClientSampleId :

PB131588BS

Tot Ion:	146	Resp:	251242
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.0
111	43.1	34.4	51.6

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#14

1,2-Dichlorobenzene

Concen: 36.839 ng

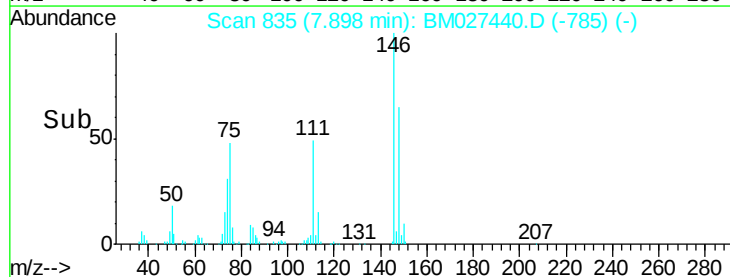
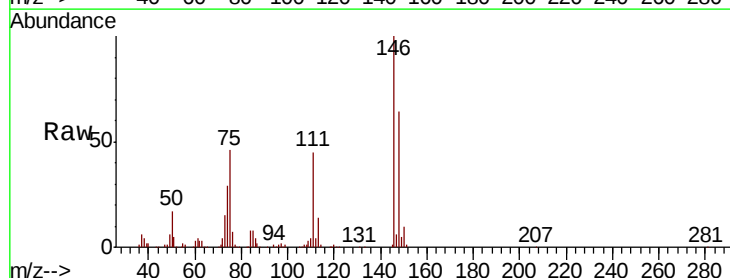
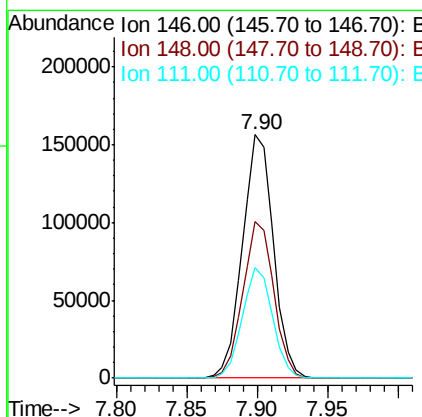
RT: 7.90 min Scan# 835

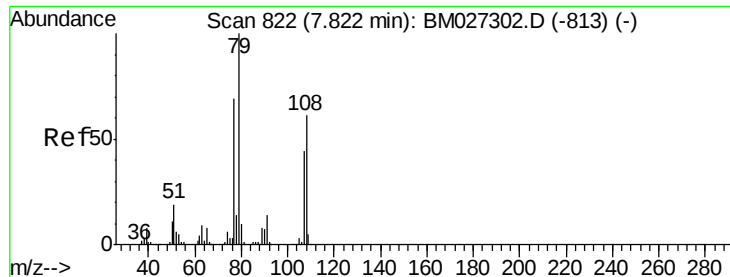
Delta R.T. -0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	146	Resp:	240847
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.3	76.9
111	45.3	35.4	53.0





#15

Benzyl Alcohol

Concen: 36.117 ng

RT: 7.80 min Scan# 818

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

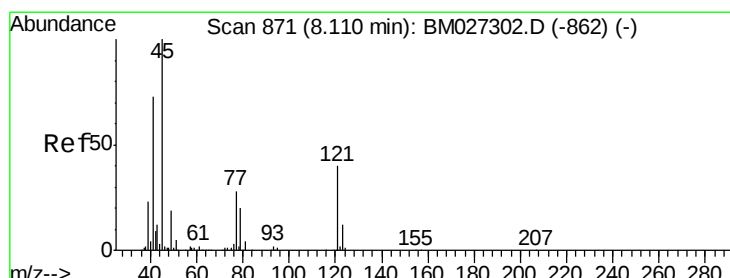
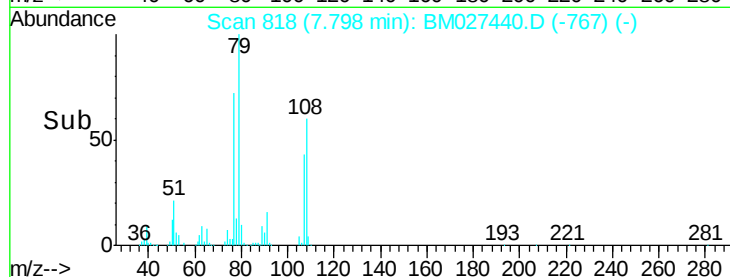
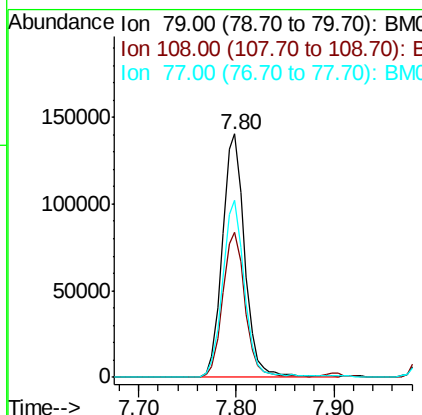
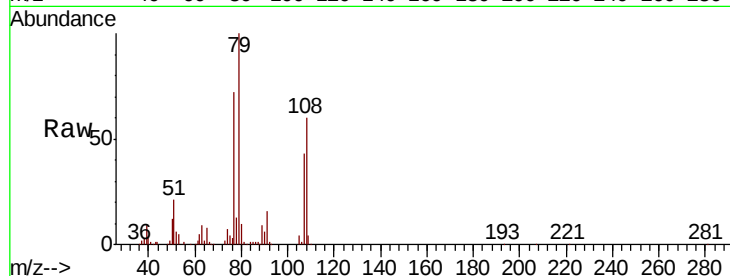
ClientSampleId :

PB131588BS

Tot Ion:	79	Resp:	223675
Ion Ratio	Lower	Upper	
79	100		
108	59.7	49.0	73.4
77	72.5	55.2	82.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.341 ng

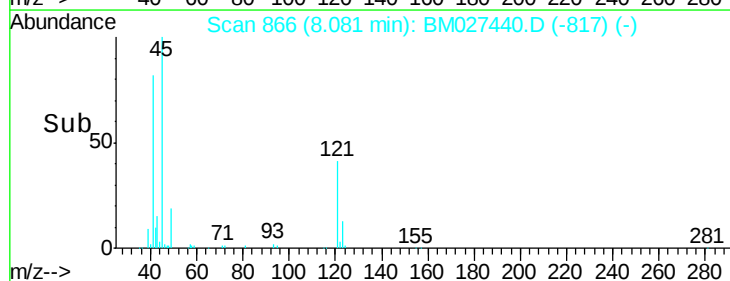
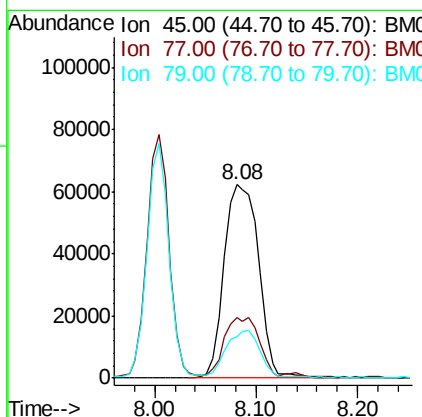
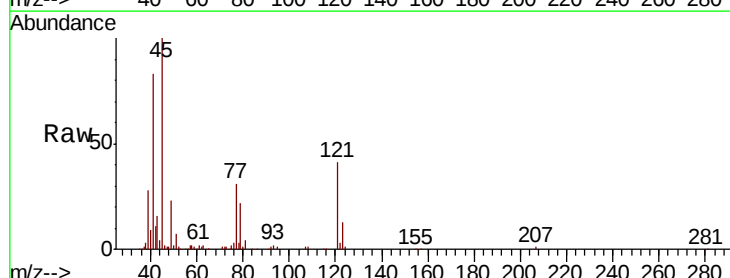
RT: 8.08 min Scan# 866

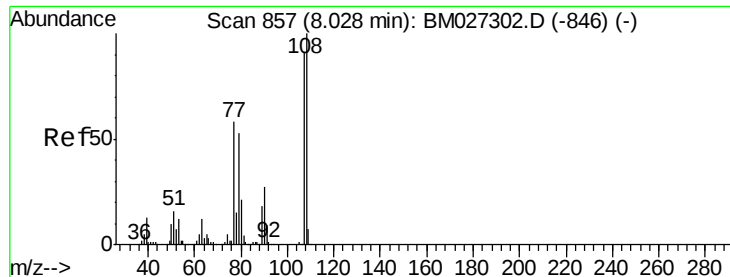
Delta R.T. -0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	45	Resp:	147135
Ion Ratio	Lower	Upper	
45	100		
77	31.3	9.5	49.5
79	21.6	1.8	41.8





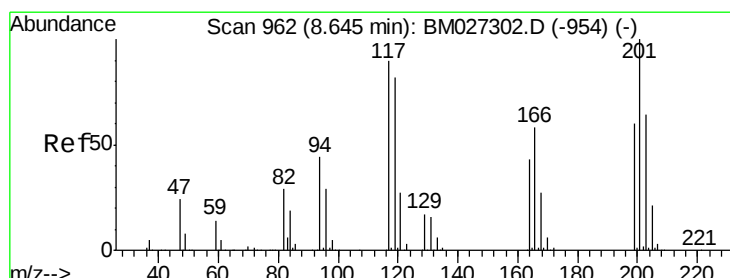
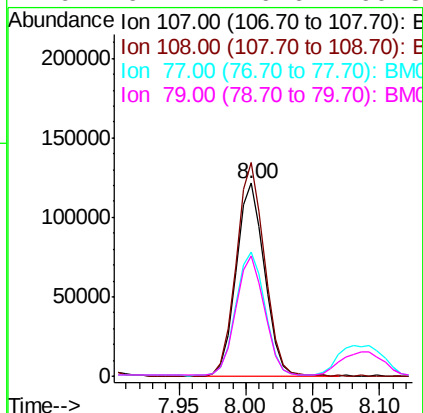
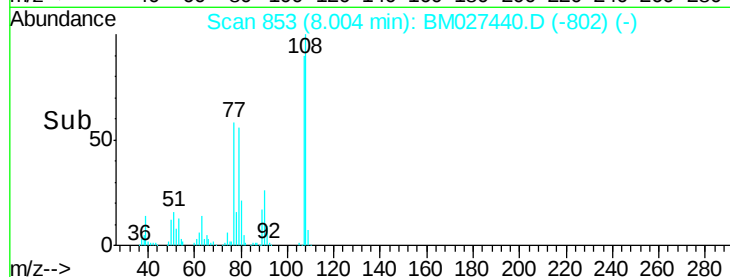
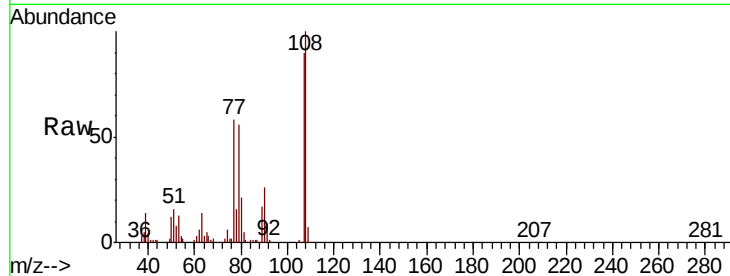
#17
2-Methylphenol
Concen: 37.856 ng
RT: 8.00 min Scan# 853
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	87.8	131.6	
77	64.5	50.9	76.3	
79	62.1	46.6	69.8	

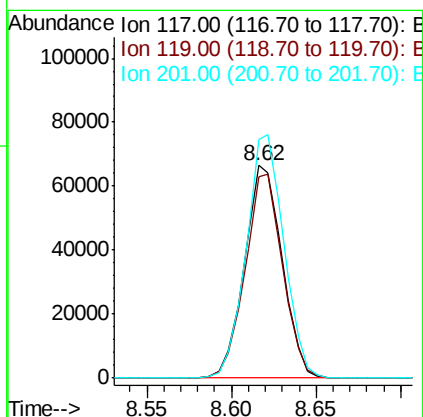
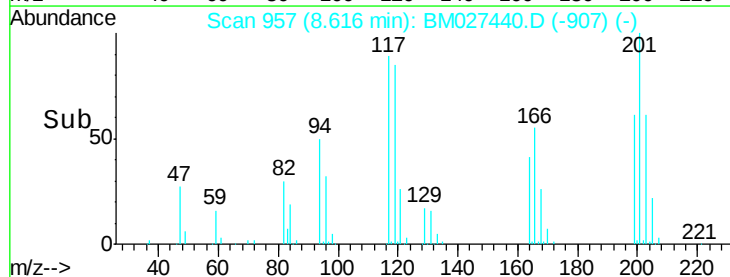
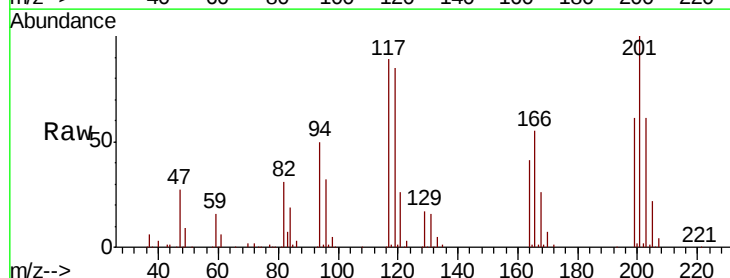
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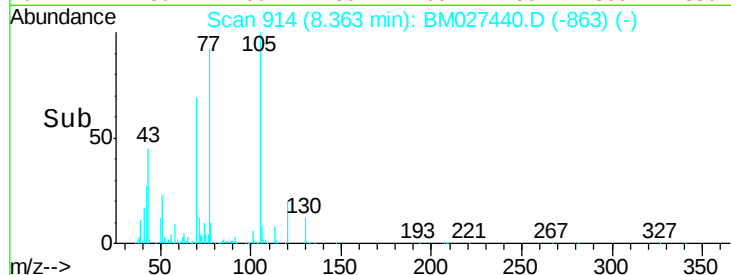
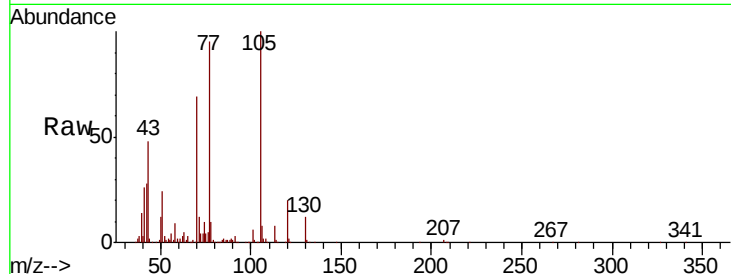
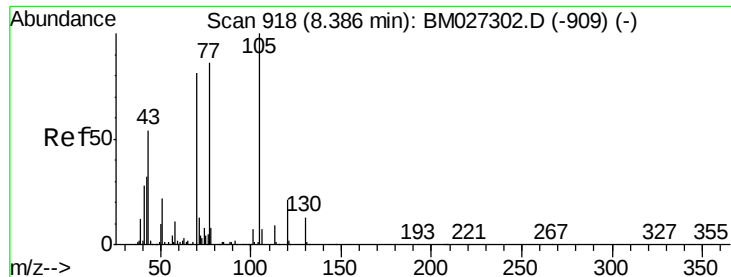
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#18
Hexachloroethane
Concen: 37.893 ng
RT: 8.62 min Scan# 957
Delta R.T. -0.01 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.0	73.1	109.7	
201	112.0	88.7	133.1	





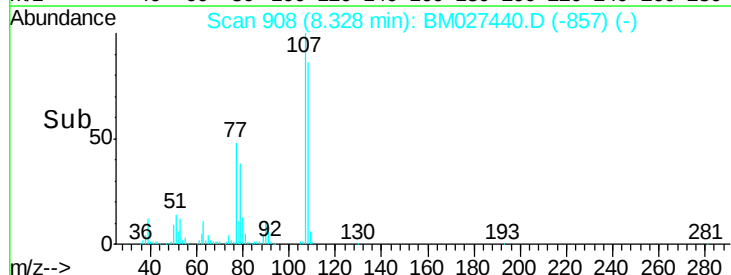
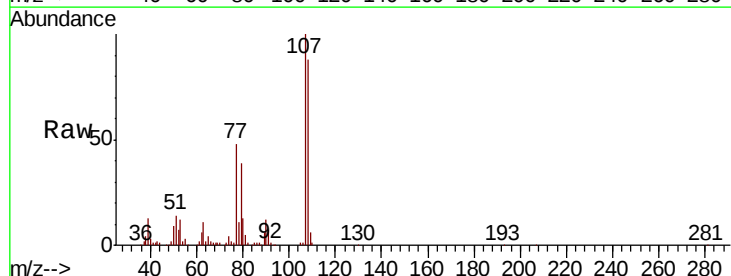
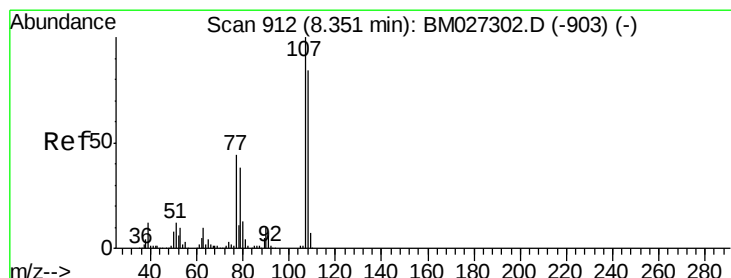
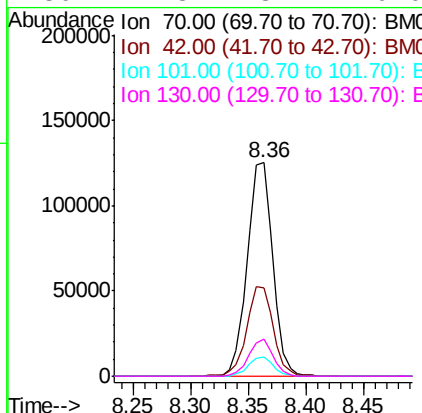
#19
n-Nitroso-di-n-propylamine
Concen: 33.691 ng
RT: 8.36 min Scan# 914
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.6	31.9	47.9
101	8.8	7.0	10.4
130	17.3	13.4	20.0

Instrument :
BNA_M
ClientSampleId :
PB131588BS

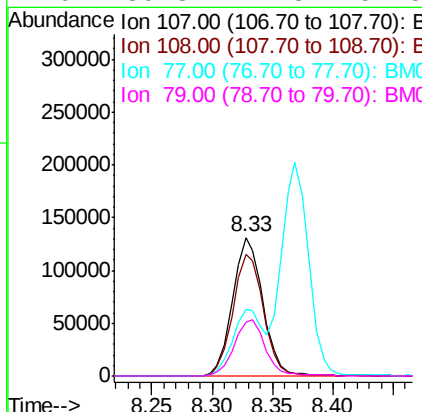
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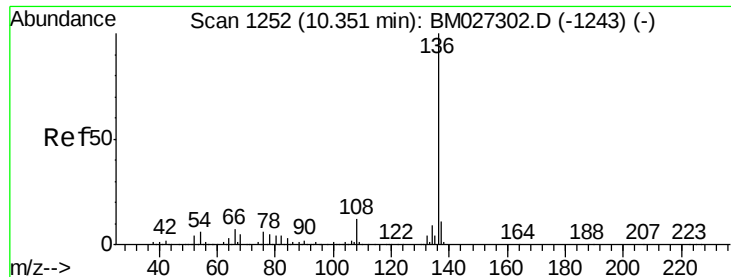
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#20
3+4-Methylphenols
Concen: 35.698 ng
RT: 8.33 min Scan# 908
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	64.5	104.5
77	48.4	24.2	64.2
79	39.3	17.8	57.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

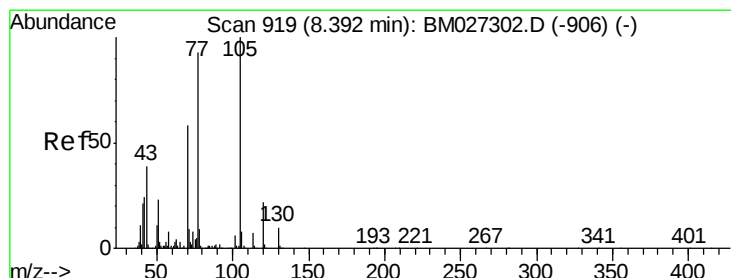
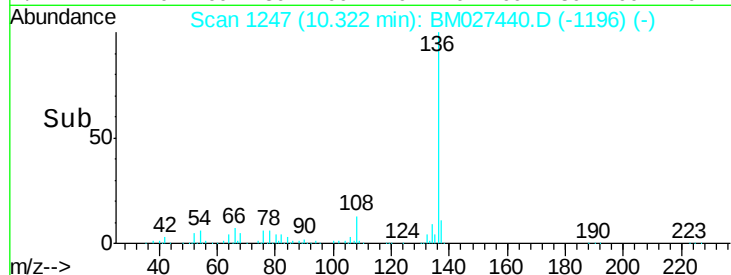
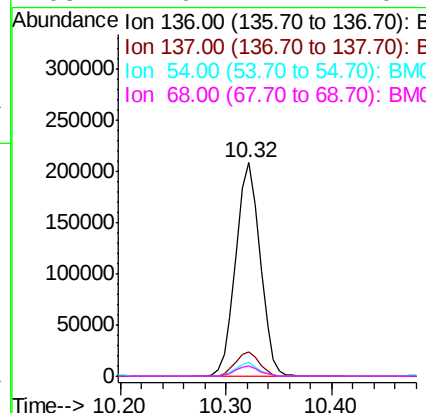
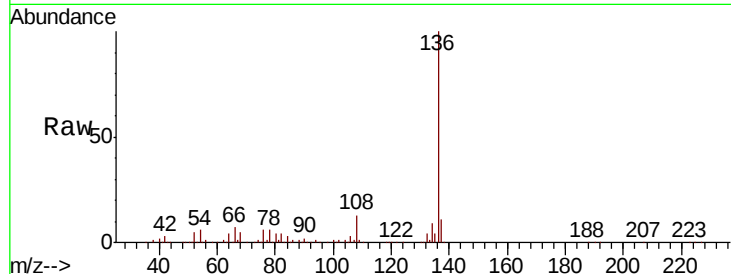
ClientSampleId :

PB131588BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		331902		
137	11.3		8.6	12.8	
54	6.4		4.6	7.0	
68	4.9		4.1	6.1	

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#22

Acetophenone

Concen: 36.243 ng

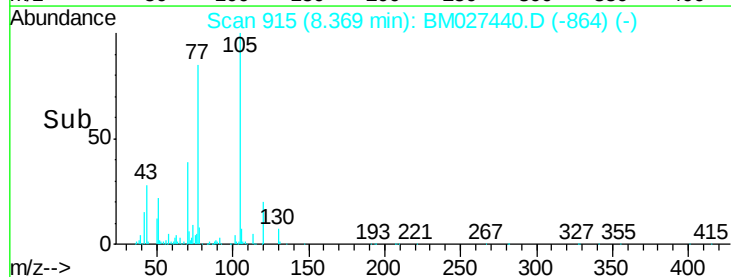
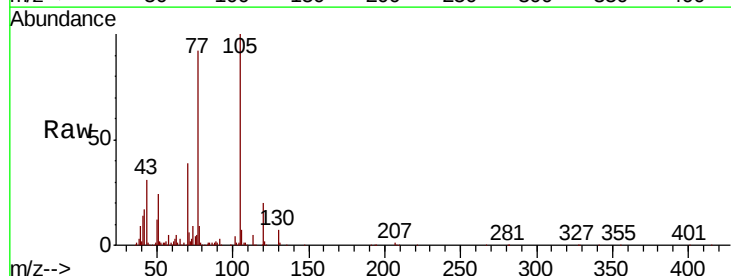
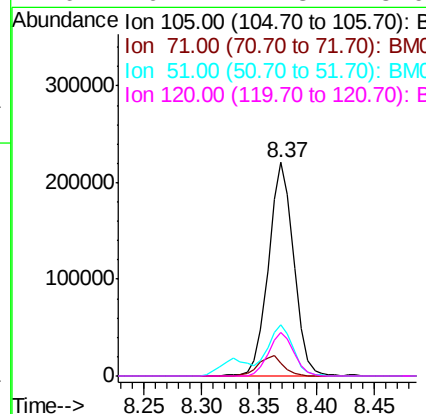
RT: 8.37 min Scan# 915

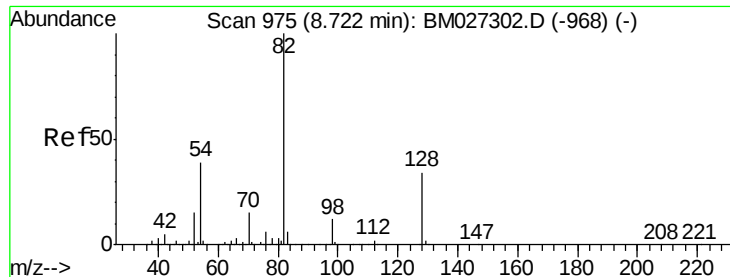
Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		338643		
71	5.9		7.6	11.4#	
51	23.9		18.6	28.0	
120	20.4		17.3	25.9	





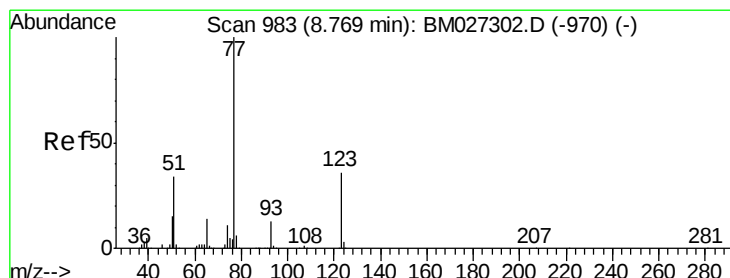
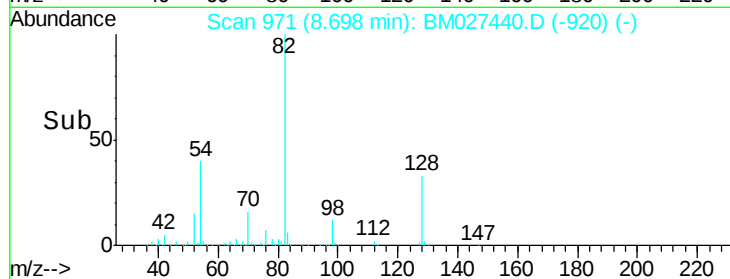
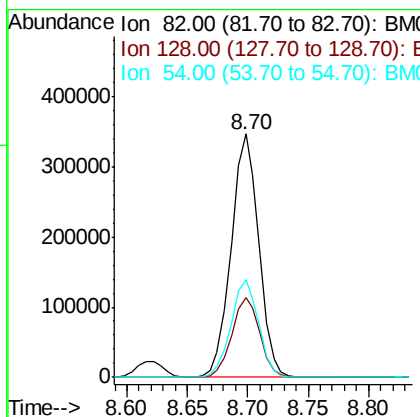
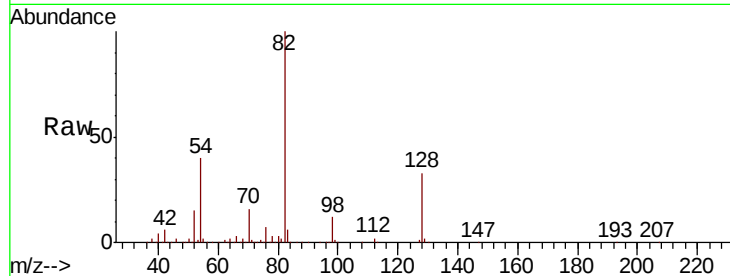
#23
 Nitrobenzene-d5
 Concen: 71.109 ng
 RT: 8.70 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	552443		
128	32.7		27.4	41.0
54	40.0		31.4	47.0

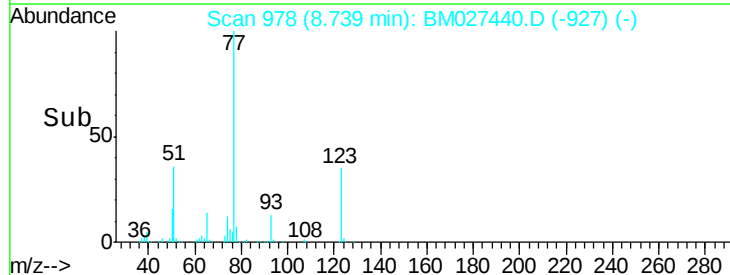
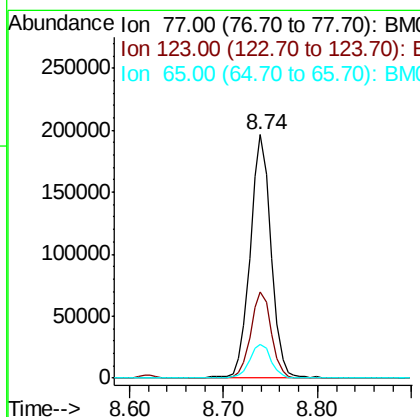
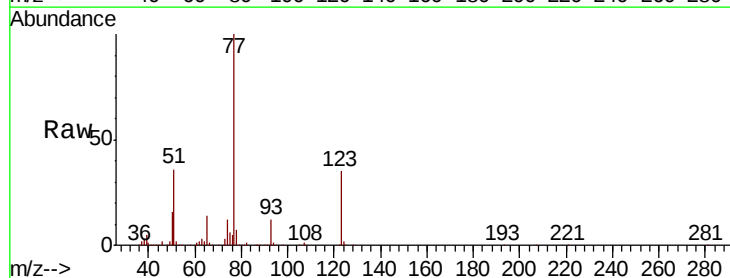
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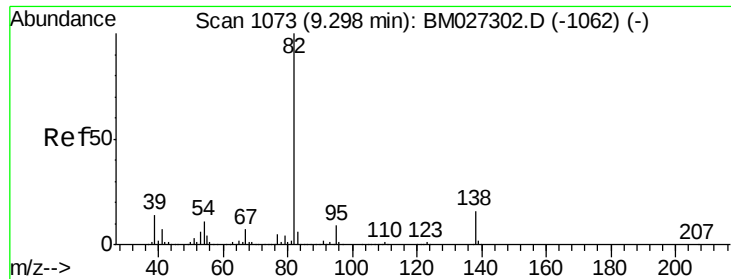
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#24
 Nitrobenzene
 Concen: 37.108 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	300121		
123	35.1		29.1	43.7
65	13.9		11.3	16.9





#25

Isophorone

Concen: 34.653 ng

RT: 9.27 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

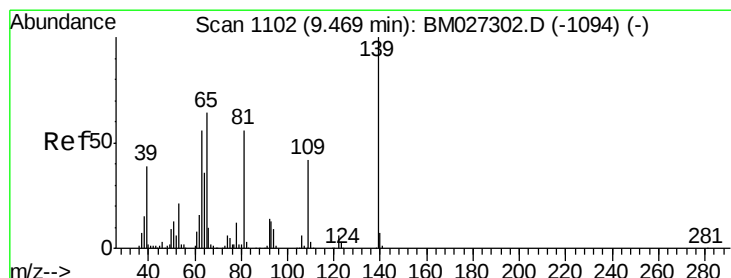
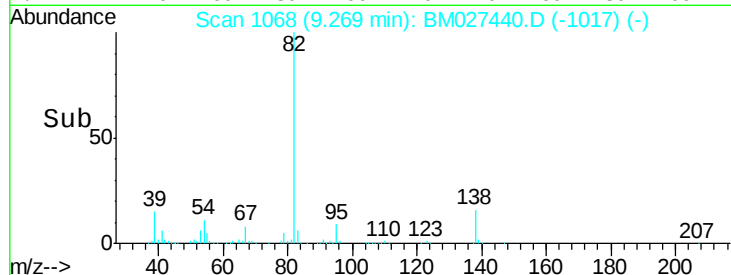
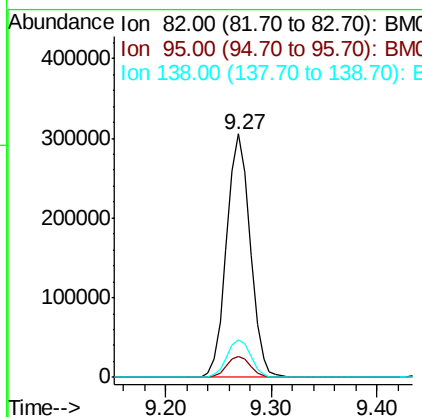
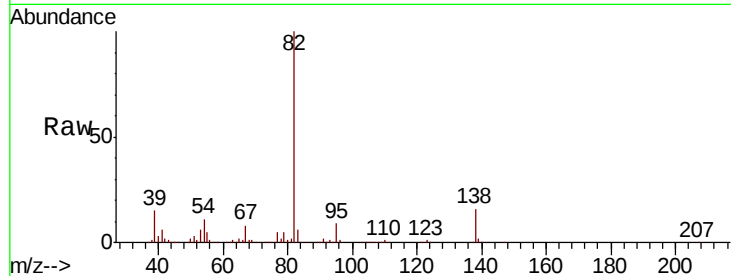
ClientSampleId :

PB131588BS

Tot Ion:	82	Resp:	473620
Ion Ratio	Lower	Upper	
82	100		
95	8.7	6.8	10.2
138	15.5	13.1	19.7

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#26

2-Nitrophenol

Concen: 37.278 ng

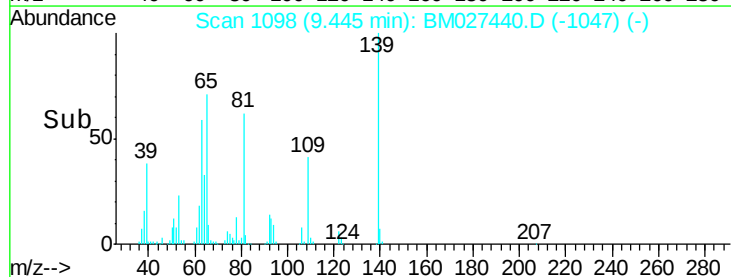
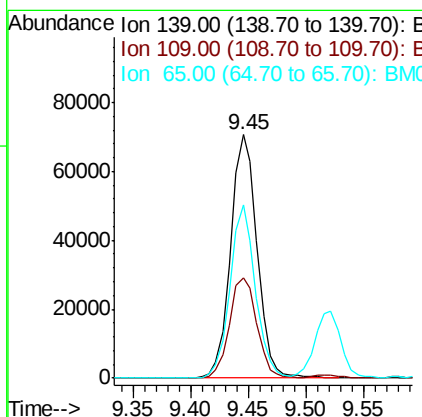
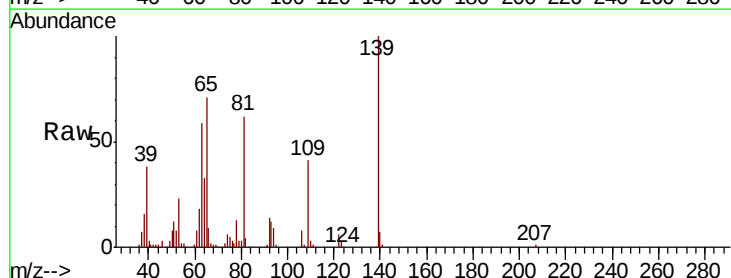
RT: 9.45 min Scan# 1098

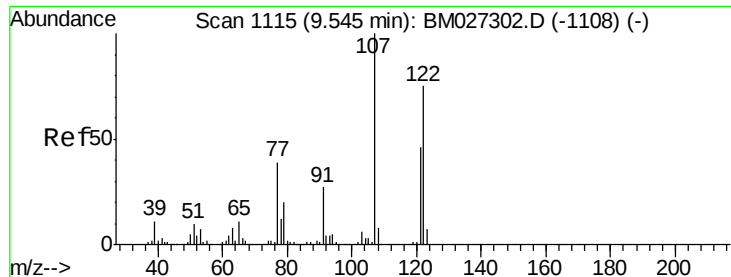
Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	139	Resp:	111917
Ion Ratio	Lower	Upper	
139	100		
109	41.3	33.8	50.8
65	70.9	51.0	76.6





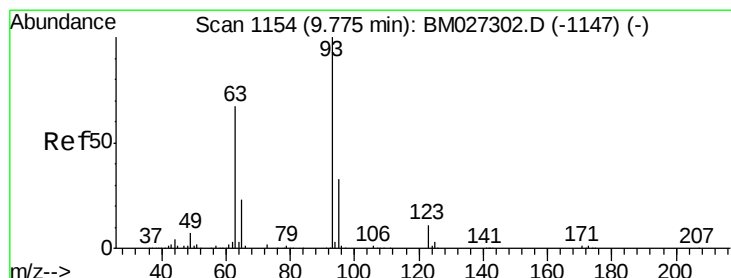
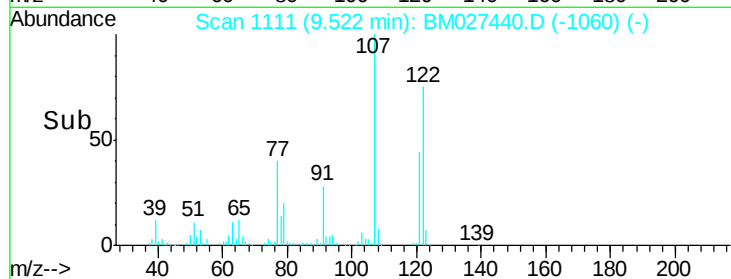
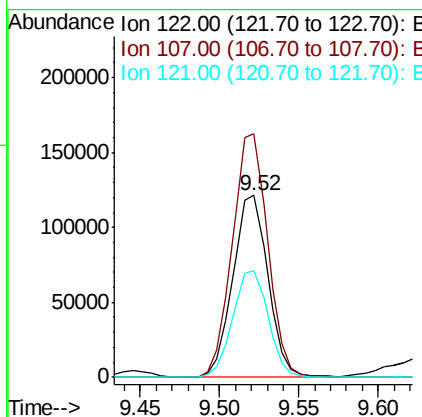
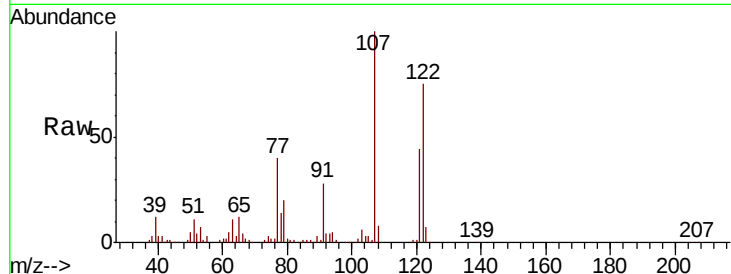
#27
 2,4-Dimethylphenol
 Concen: 36.353 ng
 RT: 9.52 min Scan# 1111
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.9	106.6	159.8
121	58.8	48.8	73.2

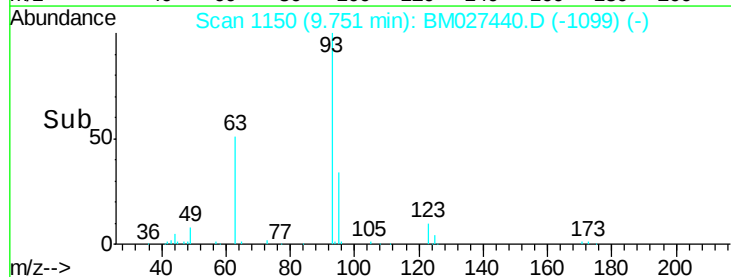
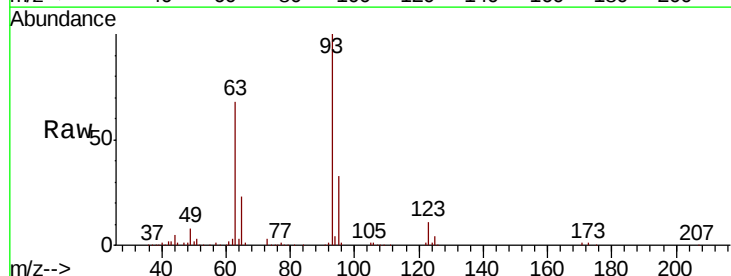
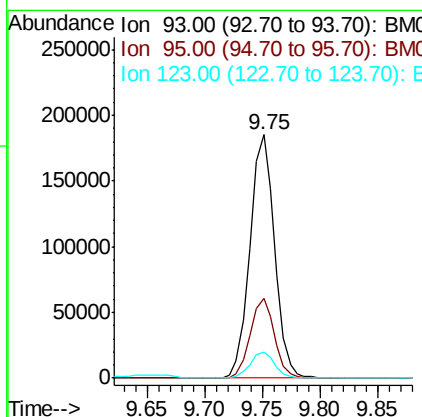
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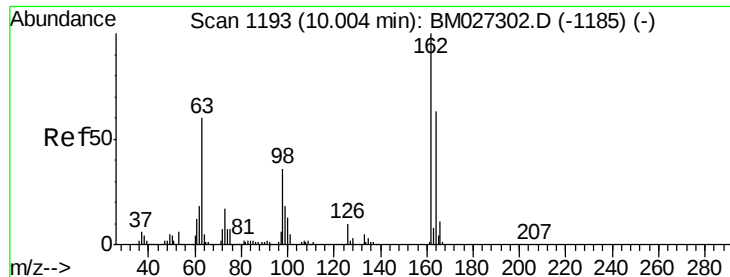
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 35.174 ng
 RT: 9.75 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	10.7	8.6	12.8





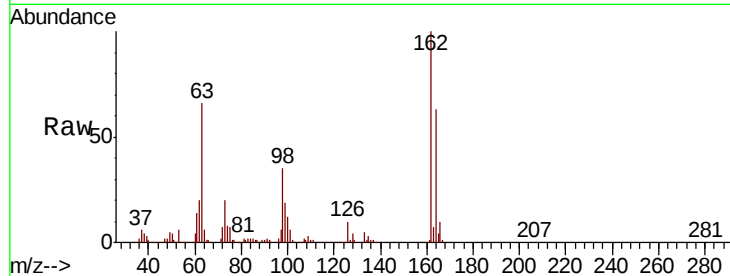
#29
2,4-Dichlorophenol
Concen: 38.589 ng
RT: 9.98 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

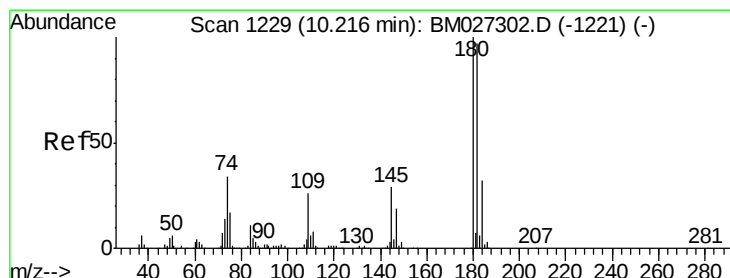
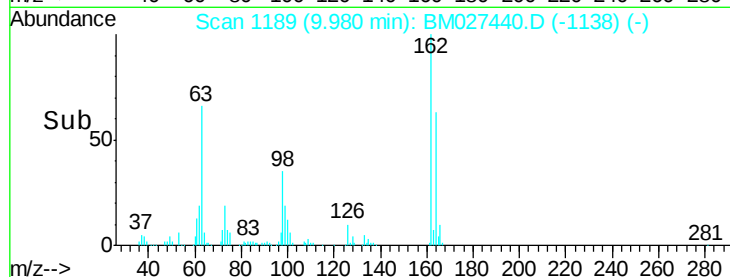
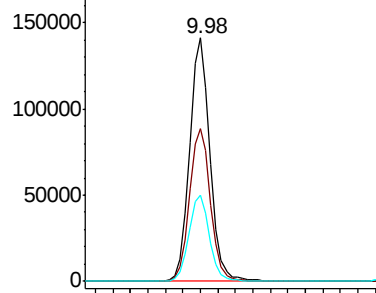
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		227813		
164	62.8	43.2	83.2		
98	35.2	15.7	55.7		

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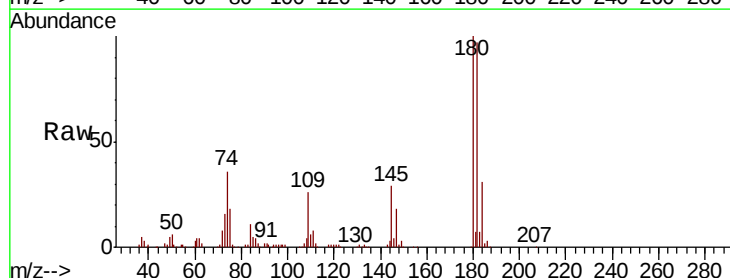


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BM

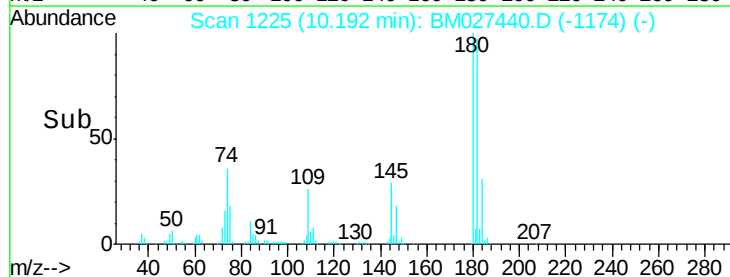
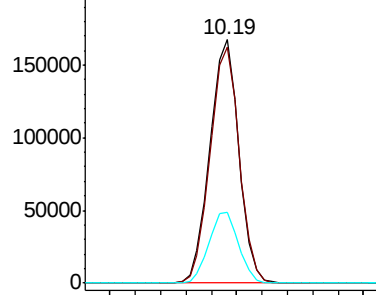


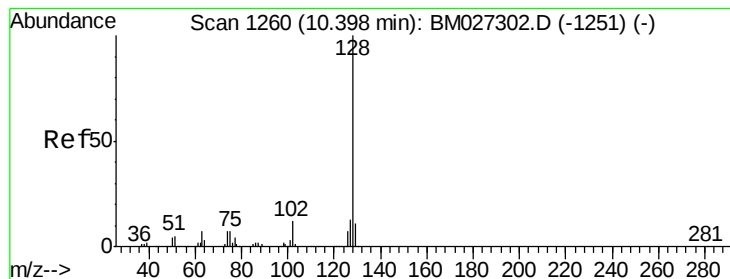
#30
1,2,4-Trichlorobenzene
Concen: 37.554 ng
RT: 10.19 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		264714		
182	97.0	77.7	116.5		
145	29.0	23.4	35.0		



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.518 ng

RT: 10.37 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

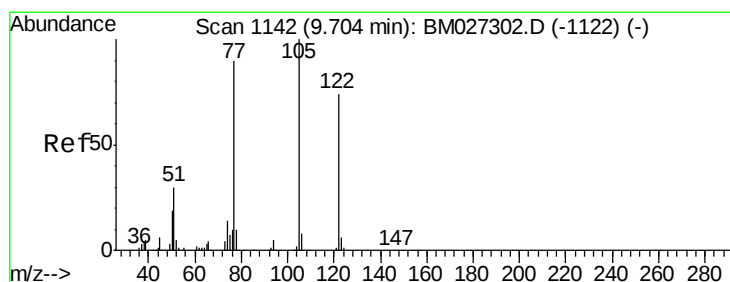
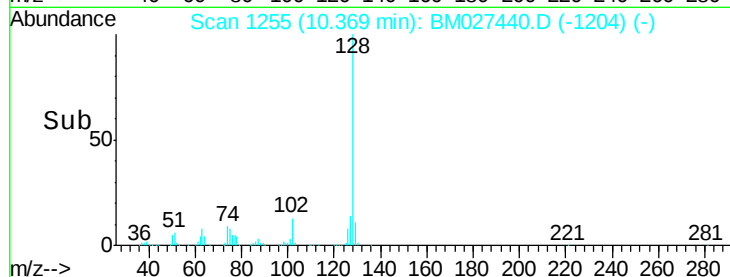
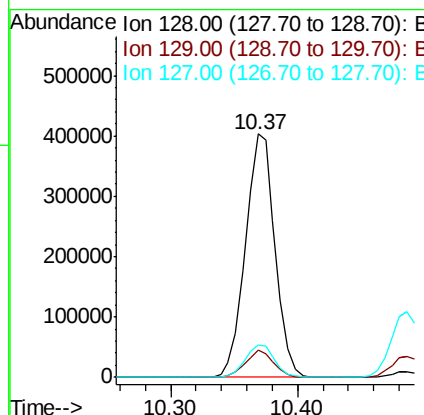
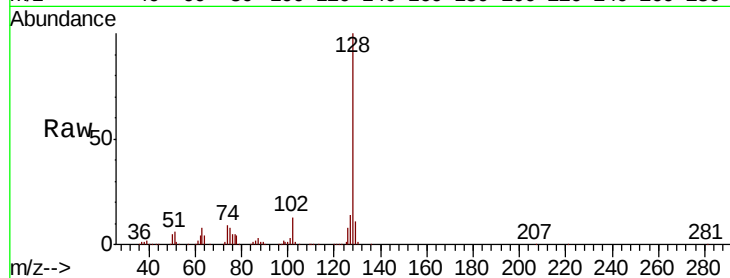
ClientSampled :

PB131588BS

Tot Ion:	128	Resp:	649259
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.0	13.4
127	13.5	10.6	15.8

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#32

Benzoic acid

Concen: 29.798 ng

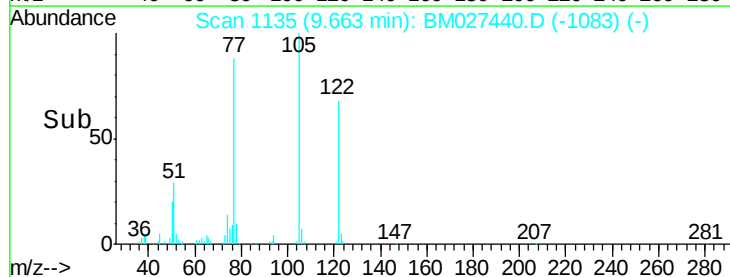
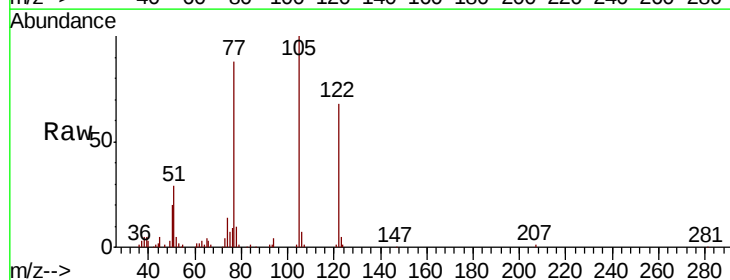
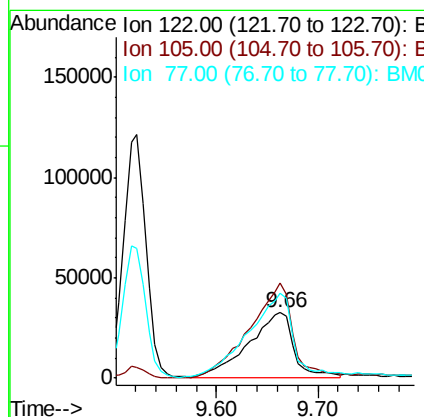
RT: 9.66 min Scan# 1135

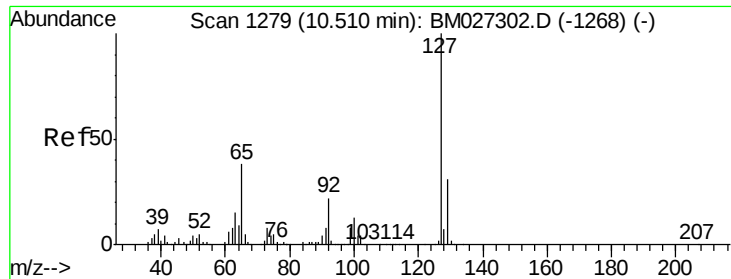
Delta R.T. 0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	122	Resp:	98929
Ion Ratio	Lower	Upper	
122	100		
105	146.6	114.0	154.0
77	129.5	101.8	141.8





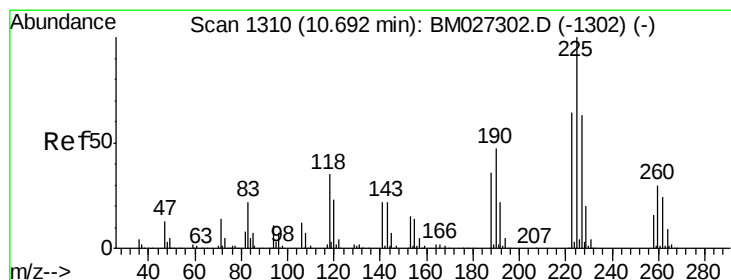
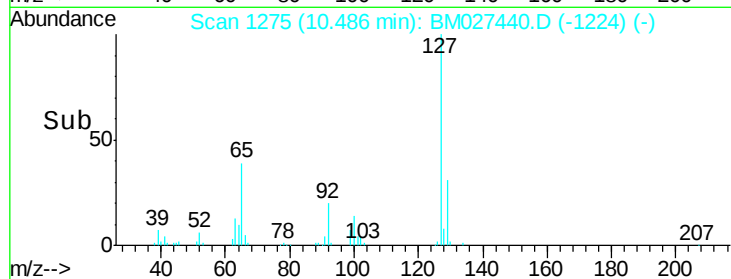
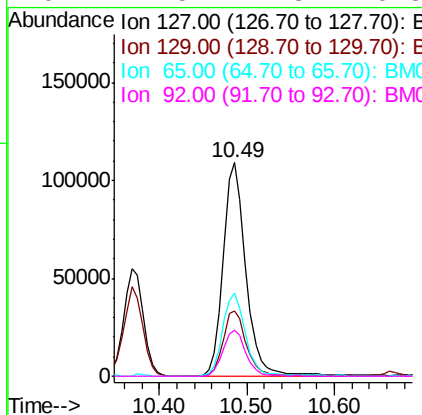
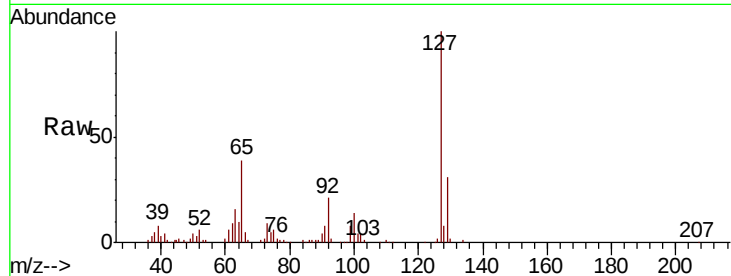
#33
4-Chloroaniline
Concen: 26.028 ng
RT: 10.49 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		196463		
129	30.8	24.7	37.1		
65	39.1	30.2	45.4		
92	21.5	17.8	26.8		

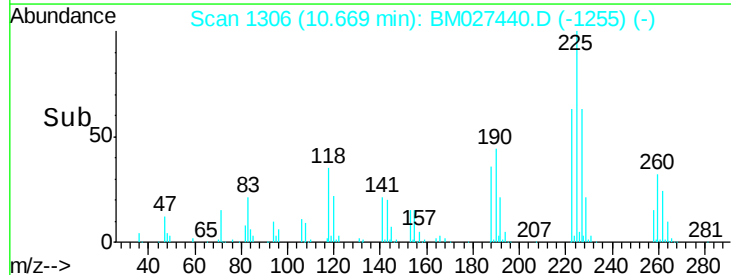
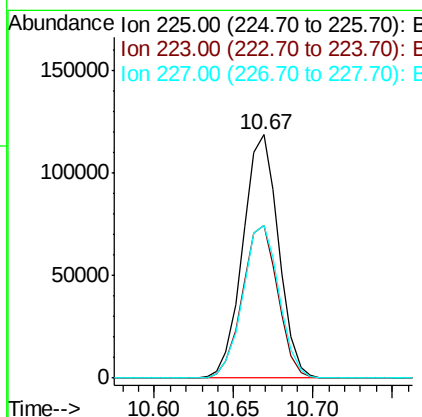
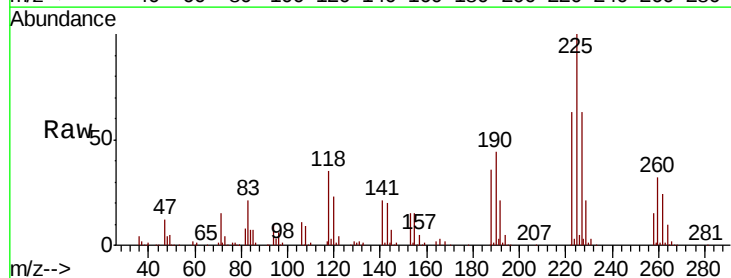
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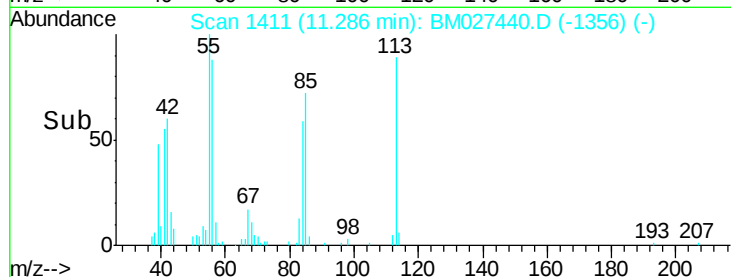
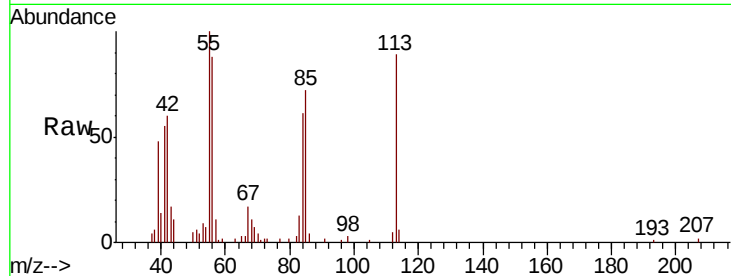
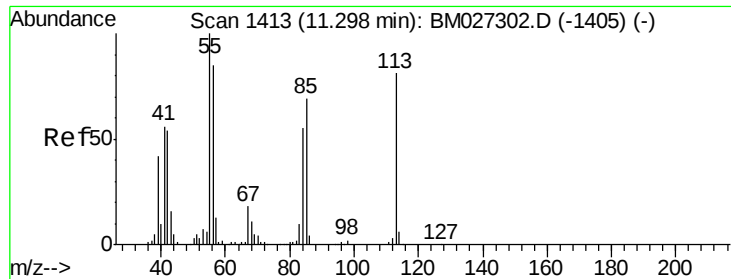
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#34
Hexachlorobutadiene
Concen: 38.916 ng
RT: 10.67 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		185366		
223	62.7	51.0	76.4		
227	62.9	50.6	75.8		





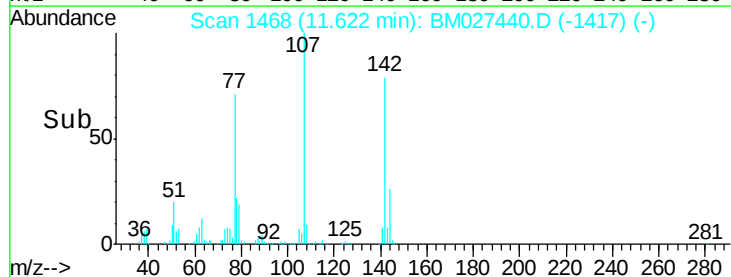
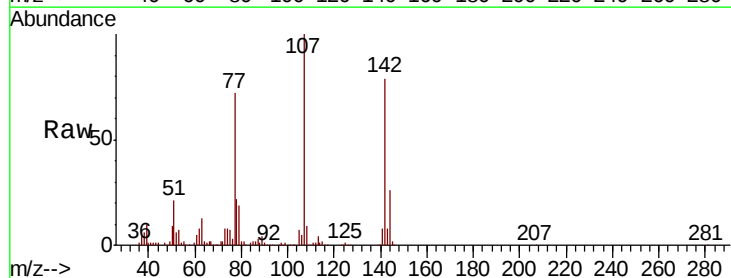
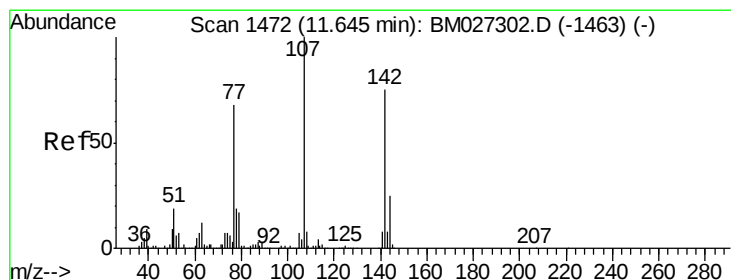
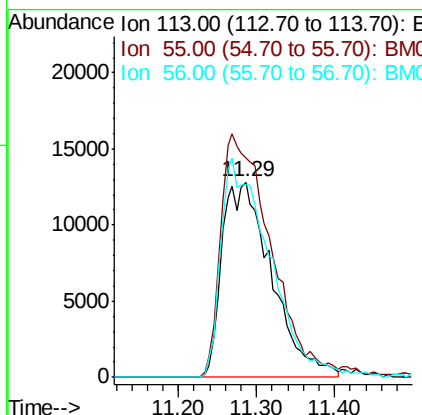
#35
Caprolactam
Concen: 32.486 ng/ml
RT: 11.29 min Scan# 1411
Delta R.T. 0.02 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tot Ion	Ratio	Lower	Upper
113	100		
55	112.2	103.2	143.2
56	98.5	84.2	124.2

Instrument :
BNA_M
ClientSampleId :
PB131588BS

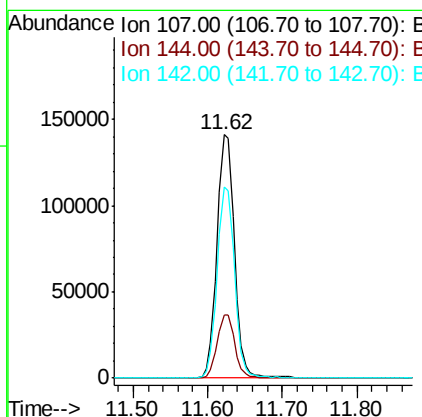
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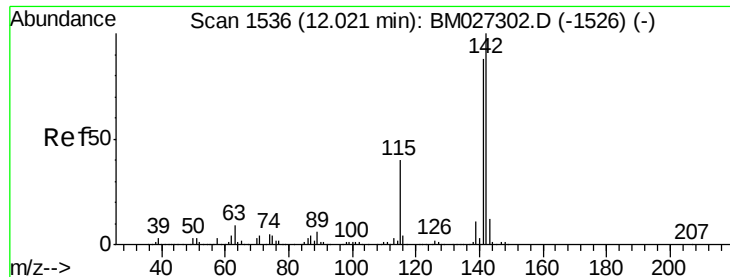
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#36
4-Chloro-3-methylphenol
Concen: 36.335 ng
RT: 11.62 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	20.1	30.1
142	78.8	60.3	90.5





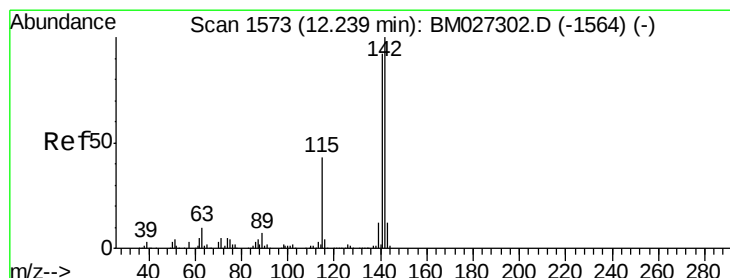
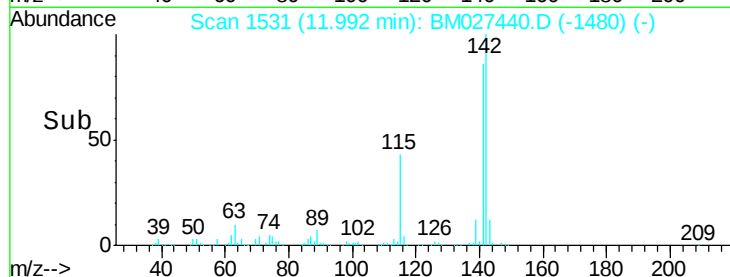
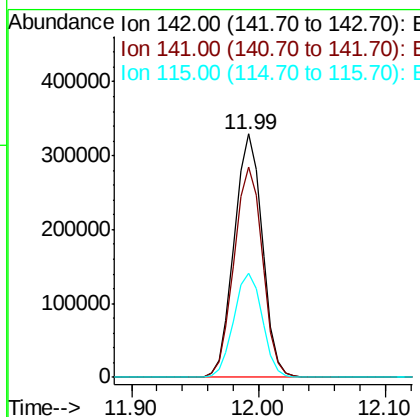
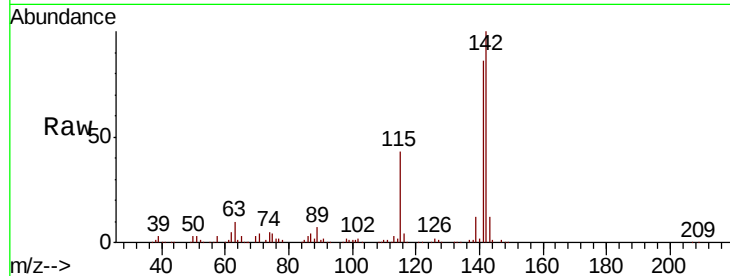
#37
2-Methylnaphthalene
Concen: 36.416 ng
RT: 11.99 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.3	105.5
115	42.8	32.2	48.4

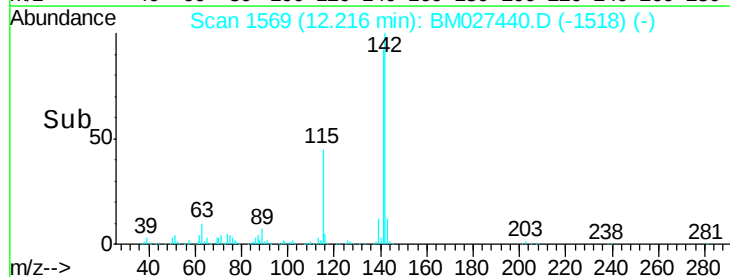
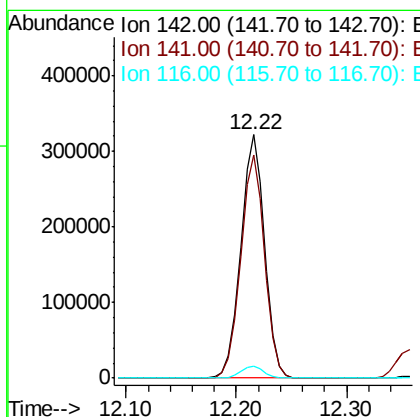
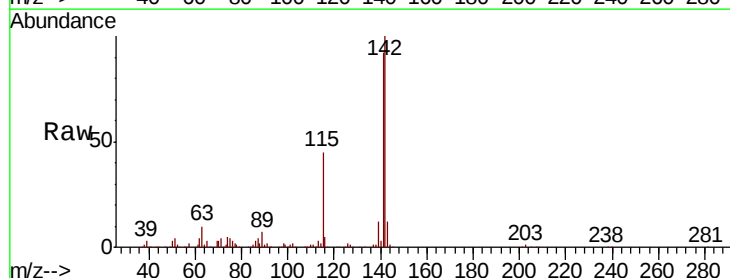
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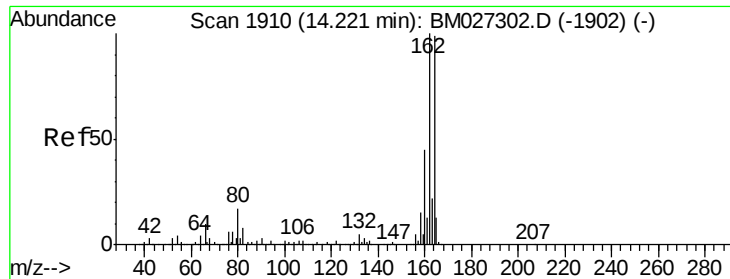
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#38
1-Methylnaphthalene
Concen: 37.118 ng
RT: 12.22 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.6
116	4.9	3.5	5.3





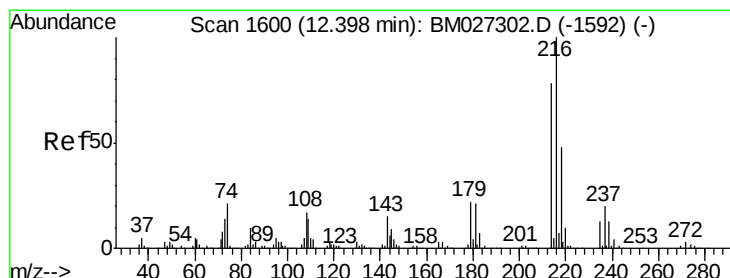
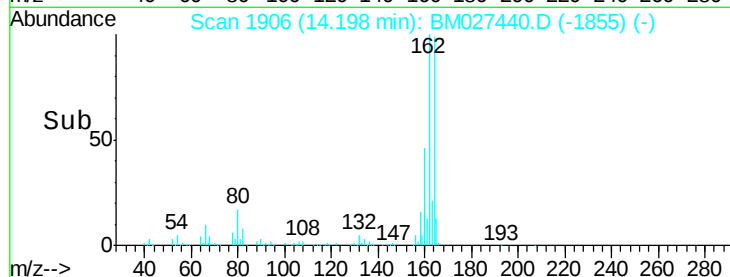
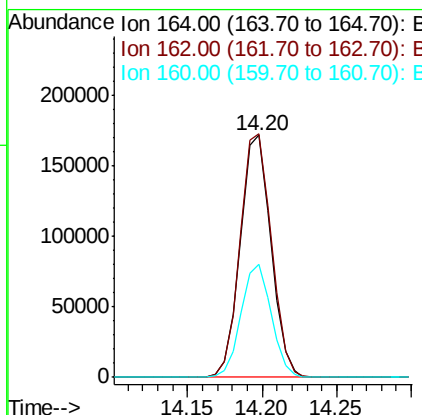
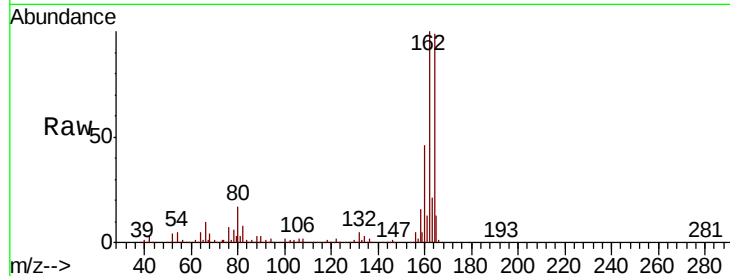
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	244695		
162	100.6	80.4	120.6	
160	46.6	35.9	53.9	

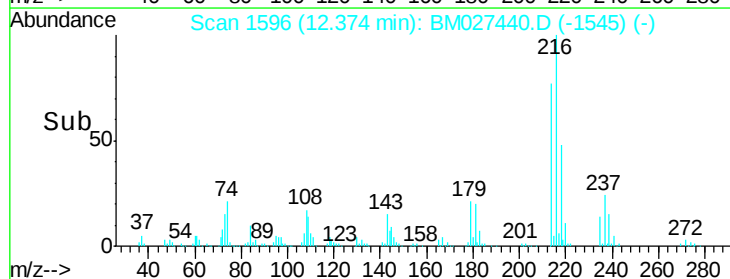
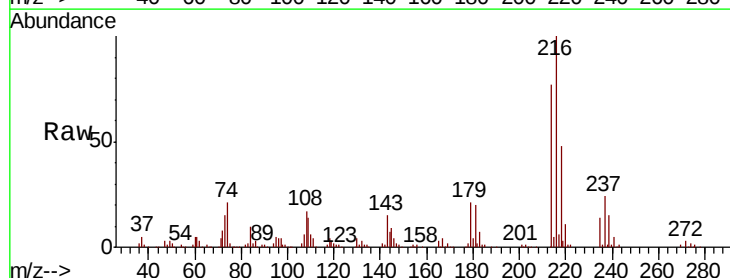
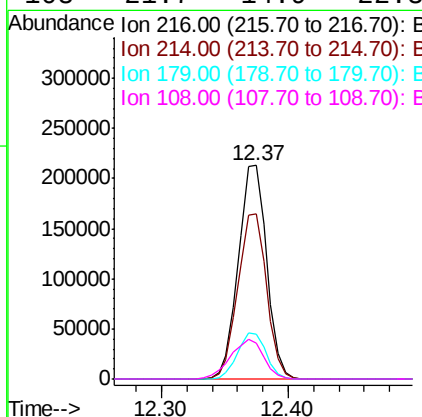
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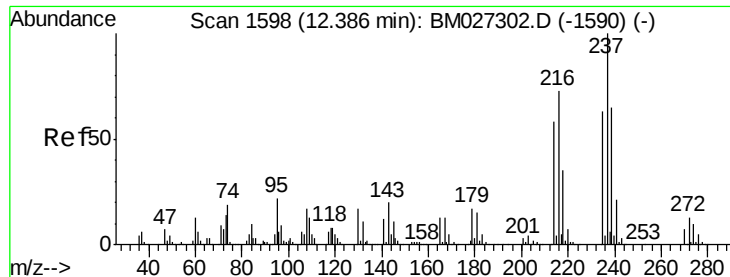
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.439 ng
RT: 12.37 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	329813		
214	78.0	62.1	93.1	
179	21.8	17.2	25.8	
108	21.7	14.9	22.3	





#41

Hexachlorocyclopentadiene

Concen: 78.253 ng

RT: 12.36 min Scan# 1593

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

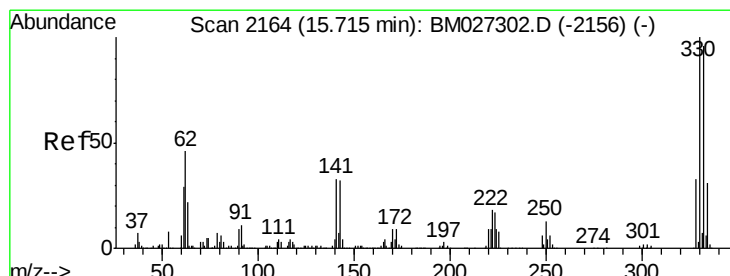
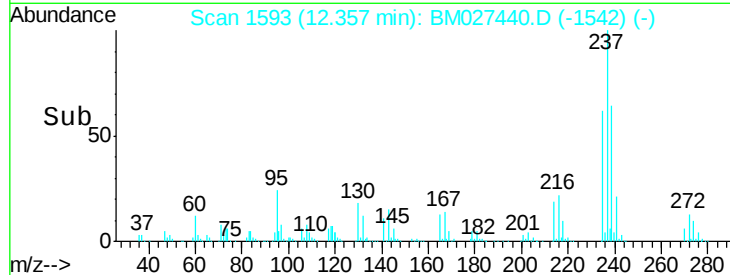
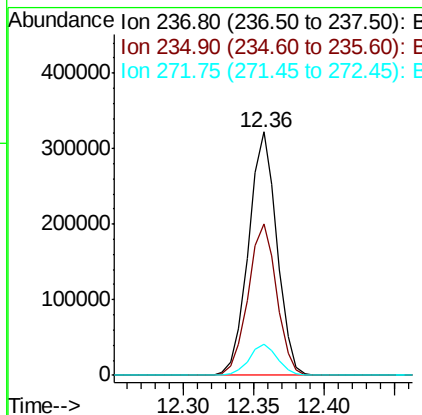
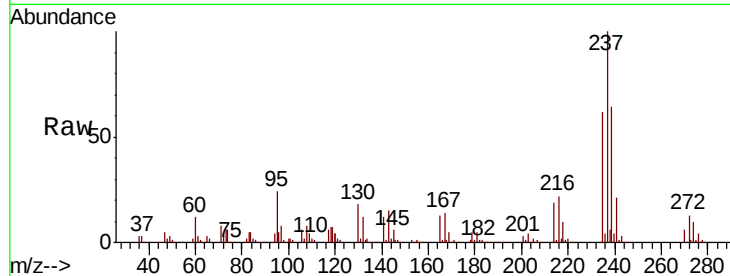
ClientSampleId :

PB131588BS

Tot Ion:	237	Resp:	453704
Ion Ratio		Lower	Upper
237	100		
235	62.3	43.1	83.1
272	12.6	0.0	33.0

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#42

2,4,6-Tribromophenol

Concen: 95.514 ng

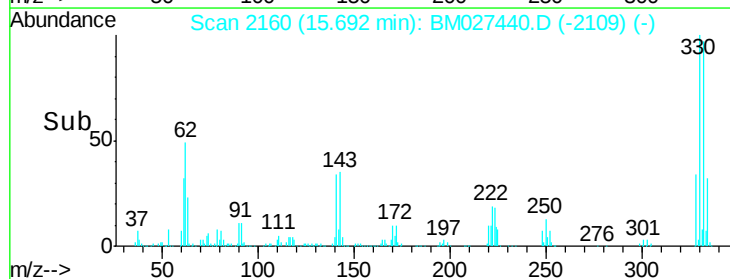
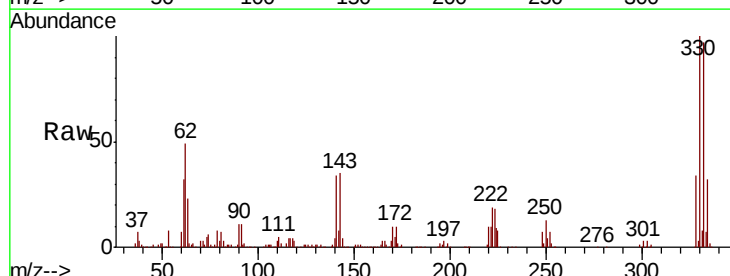
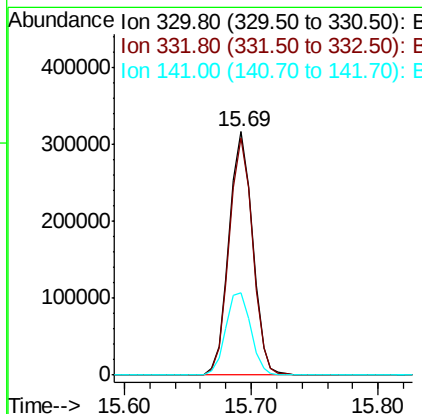
RT: 15.69 min Scan# 2160

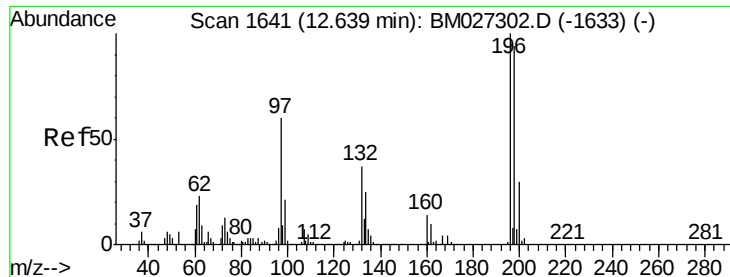
Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	330	Resp:	409793
Ion Ratio		Lower	Upper
330	100		
332	97.0	77.8	116.8
141	35.8	28.4	42.6





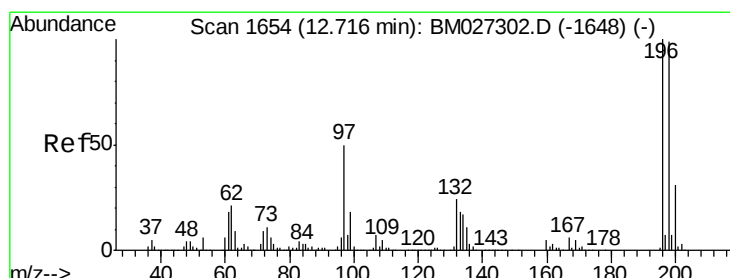
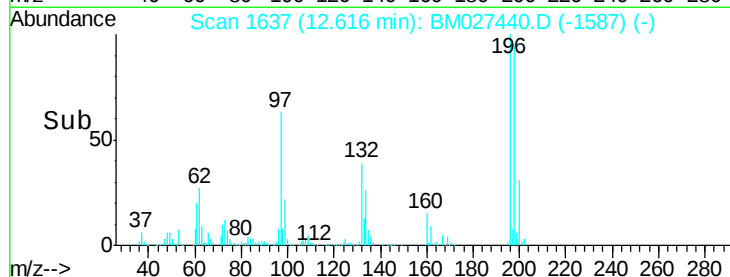
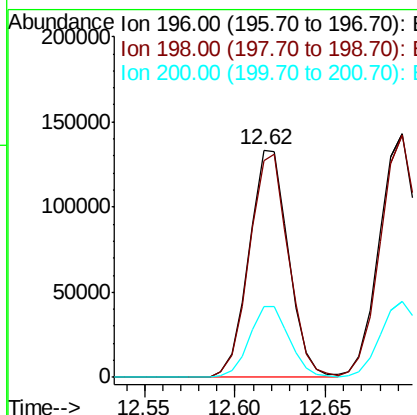
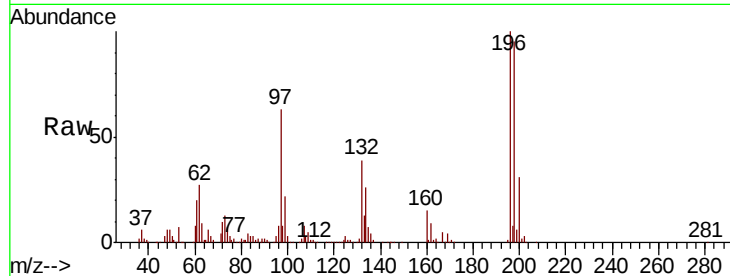
#43
 2,4,6-Trichlorophenol
 Concen: 37.278 ng
 RT: 12.62 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	201346		
198	95.0	74.9	112.3	
200	31.3	23.7	35.5	

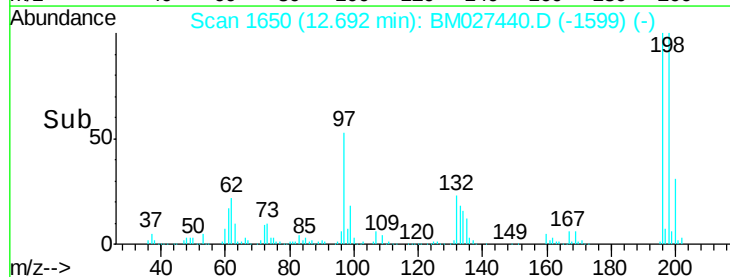
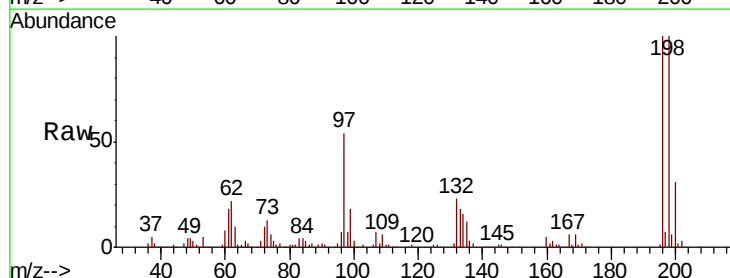
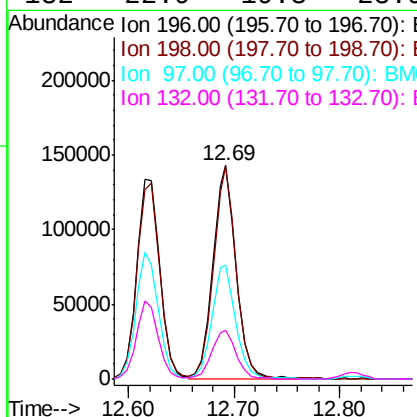
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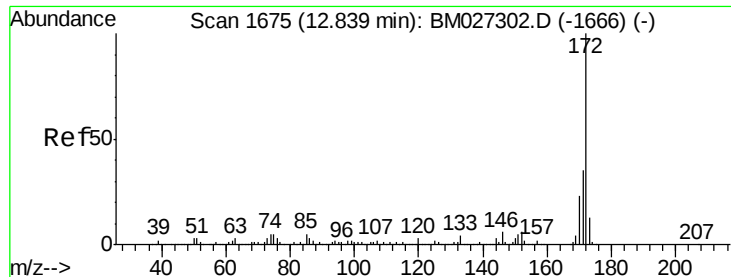
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 37.328 ng
 RT: 12.69 min Scan# 1650
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219167		
198	99.8	79.0	118.6	
97	53.5	40.5	60.7	
132	22.9	19.3	28.9	





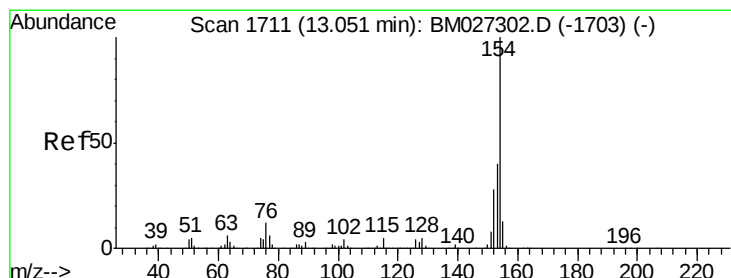
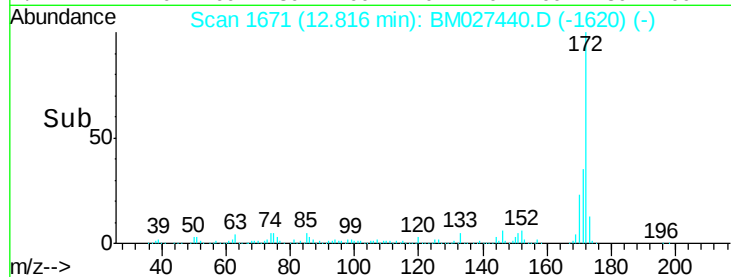
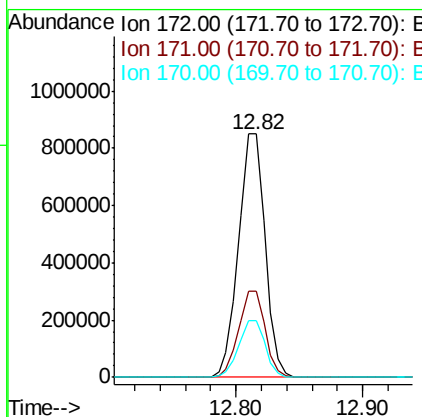
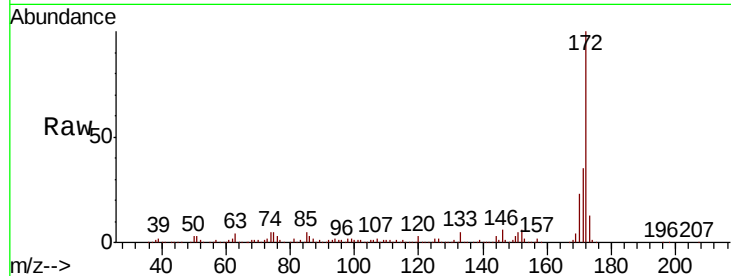
#45
2-Fluorobiphenyl
Concen: 67.019 ng
RT: 12.82 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.8
170	23.4	18.6	27.8

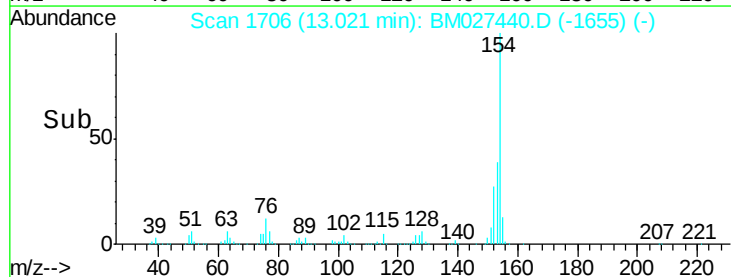
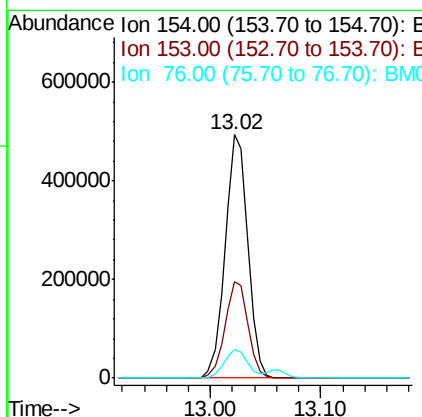
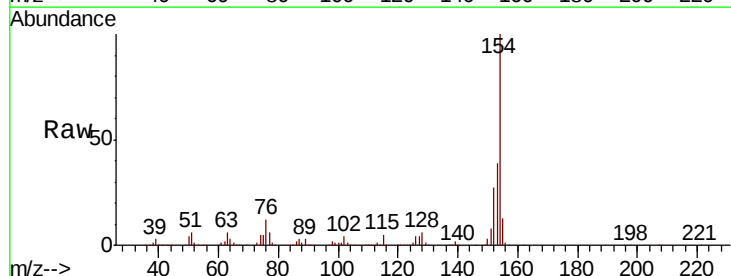
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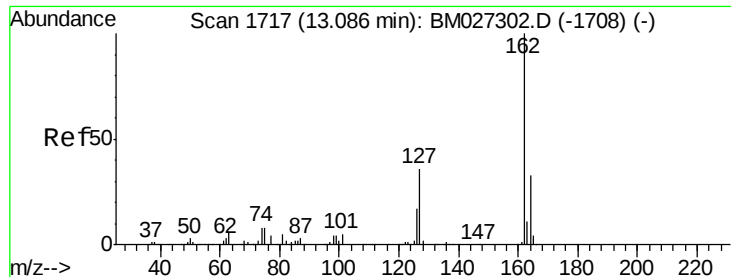
mohammad
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#46
1,1'-Biphenyl
Concen: 36.624 ng
RT: 13.02 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	20.0	60.0
76	11.6	0.0	32.0





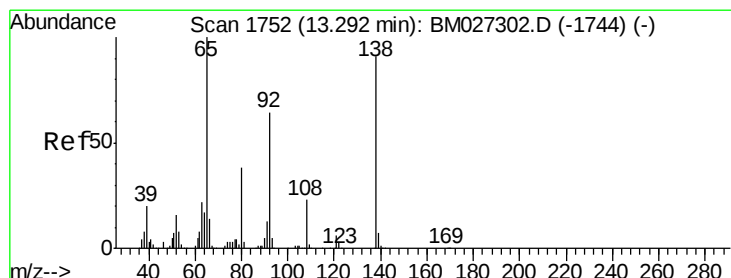
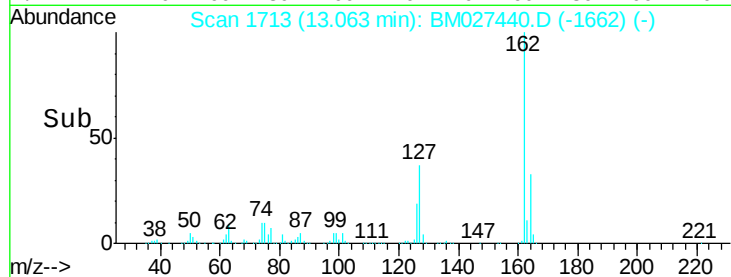
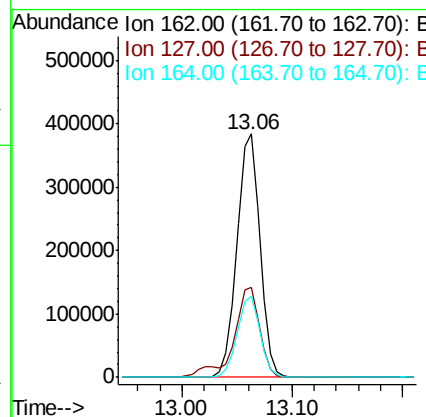
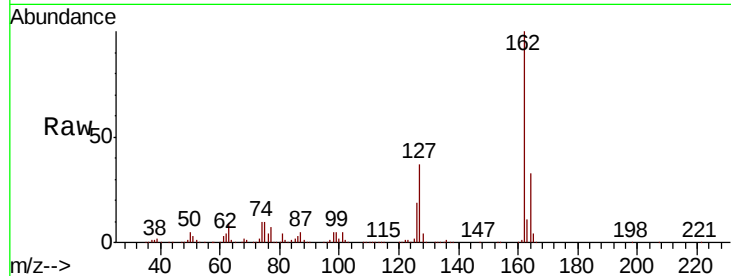
#47
2-Chloronaphthalene
Concen: 36.767 ng
RT: 13.06 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.8	29.6	44.4	
164	33.1	26.2	39.4	

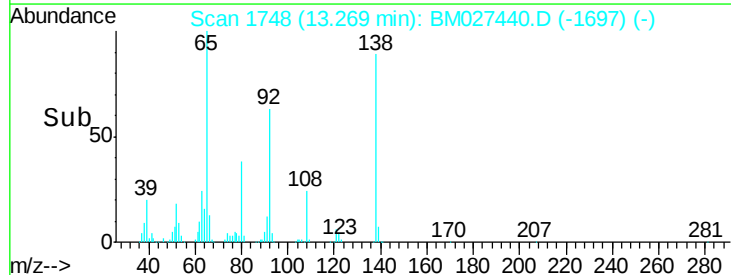
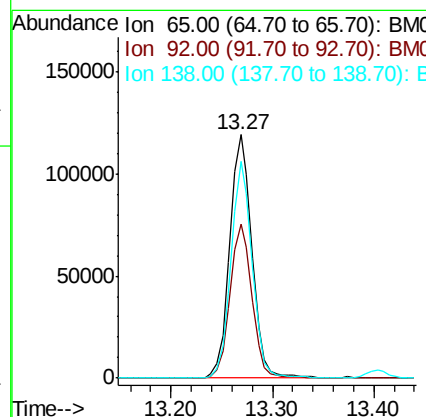
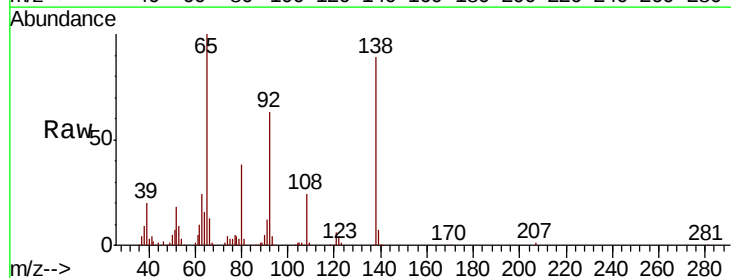
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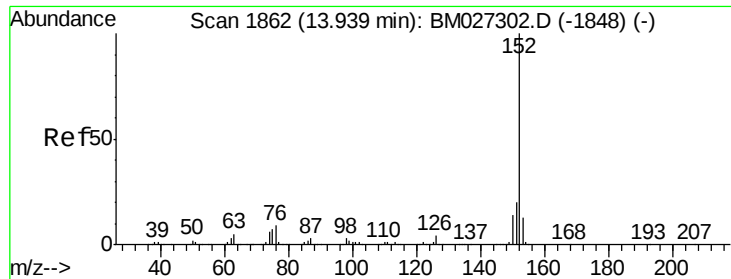
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#48
2-Nitroaniline
Concen: 38.560 ng
RT: 13.27 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	63.3	51.5	77.3	
138	88.9	72.7	109.1	





#49

Acenaphthylene

Concen: 37.579 ng

RT: 13.92 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

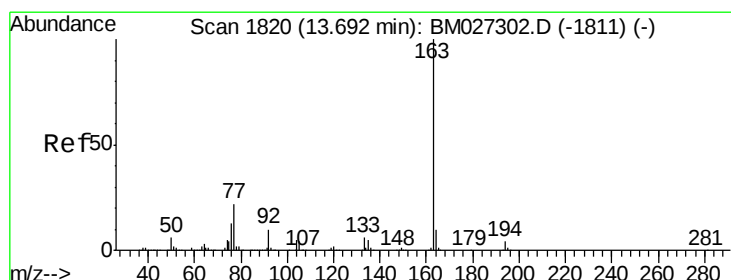
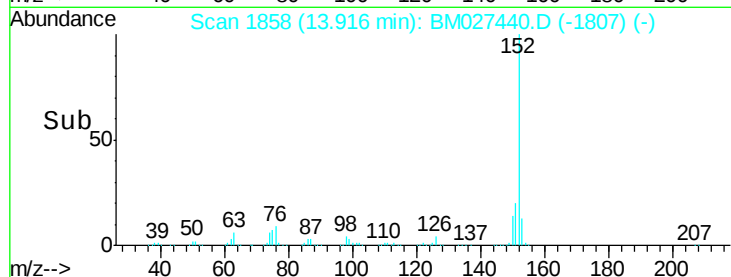
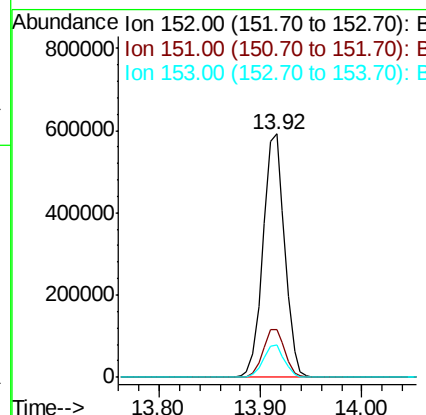
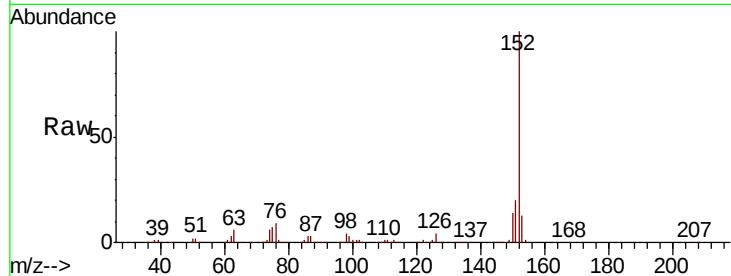
ClientSampleId :

PB131588BS

Tot Ion:	152	Resp:	874155
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.8	23.6
153	13.3	10.4	15.6

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#50

Dimethylphthalate

Concen: 36.363 ng

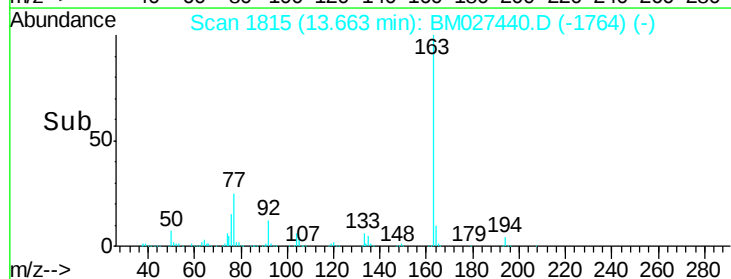
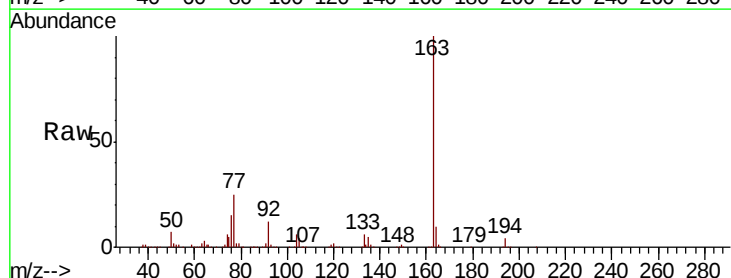
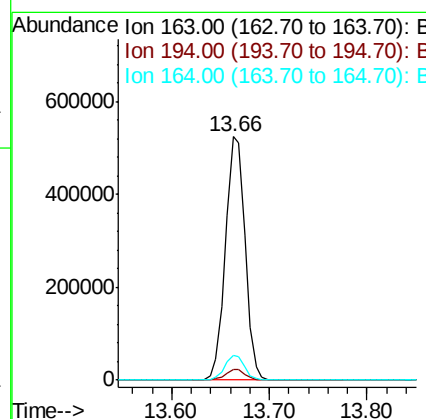
RT: 13.66 min Scan# 1815

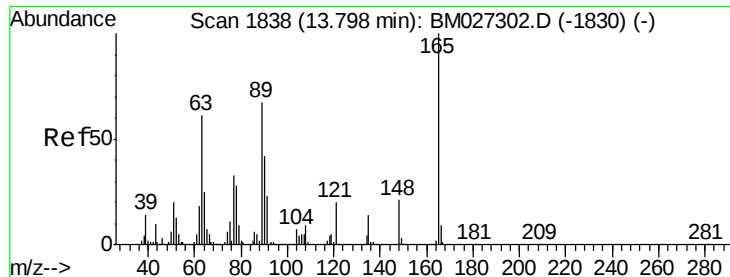
Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	163	Resp:	731357
Ion Ratio	Lower	Upper	
163	100		
194	4.3	3.4	5.2
164	10.3	8.1	12.1





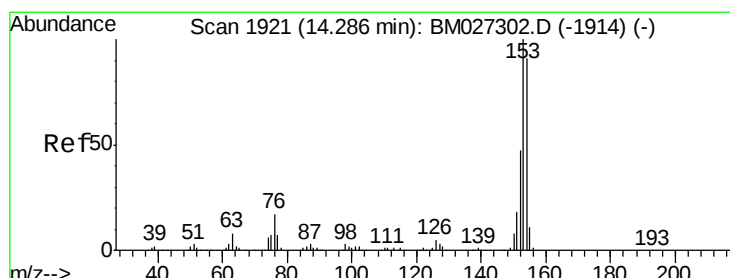
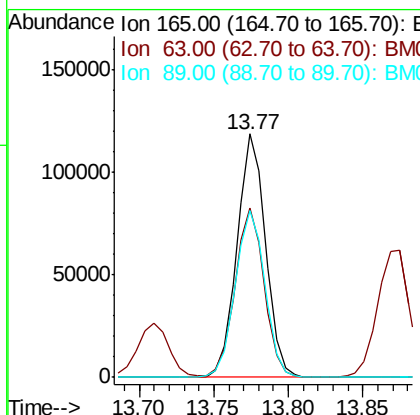
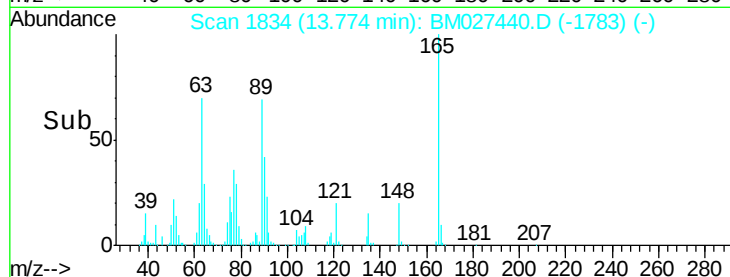
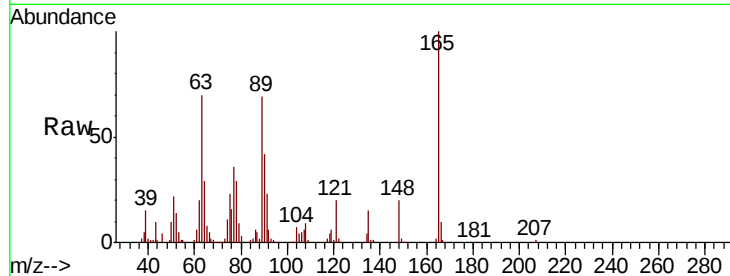
#51
2,6-Dinitrotoluene
Concen: 36.846 ng
RT: 13.77 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	157857		
63	69.6	51.1	76.7	
89	68.5	53.3	79.9	

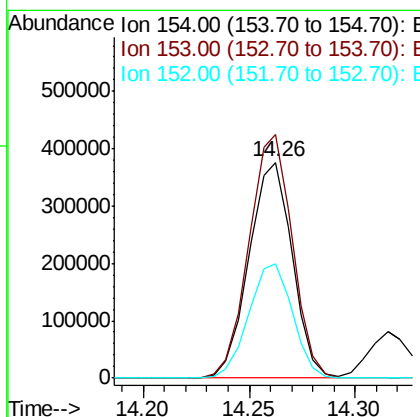
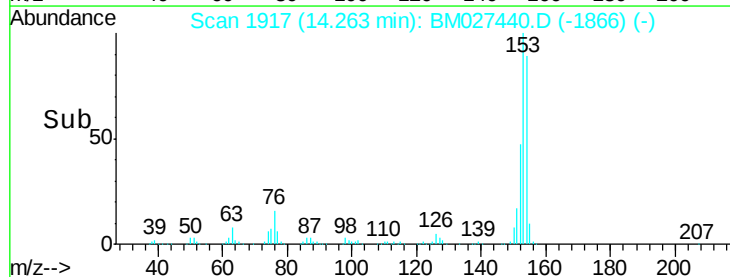
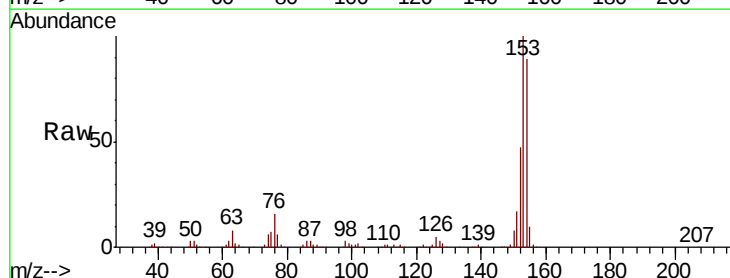
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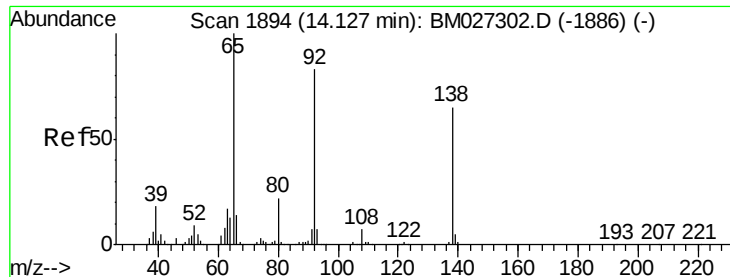
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#52
Acenaphthene
Concen: 37.148 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	536105		
153	113.0	88.3	132.5	
152	53.2	41.4	62.2	





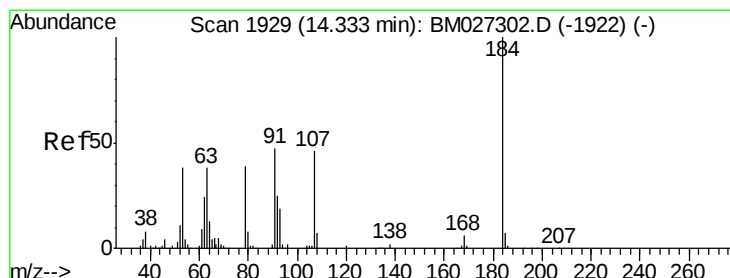
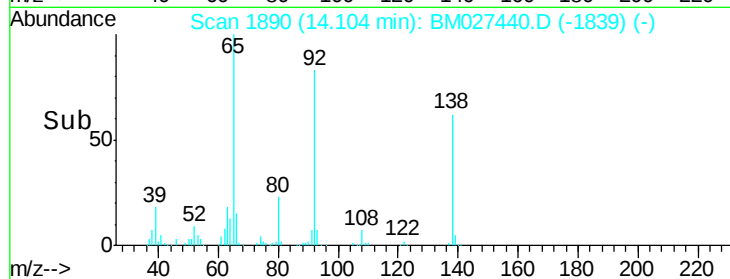
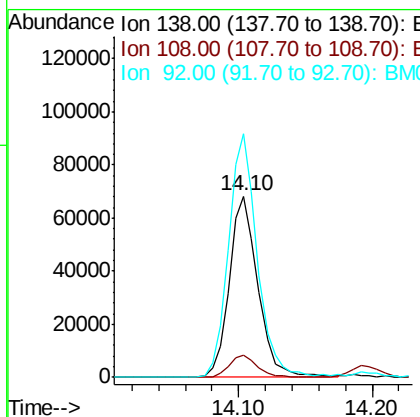
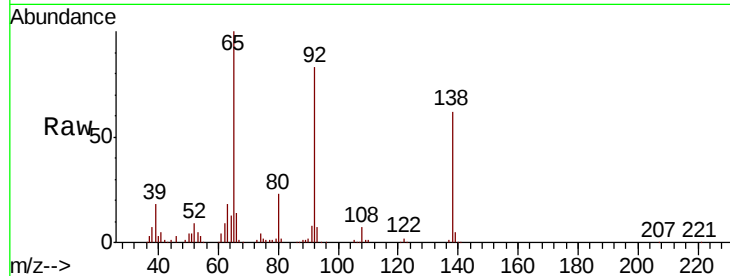
#53
3-Nitroaniline
Concen: 25.548 ng
RT: 14.10 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	8.6	13.0
92	134.1	102.1	153.1

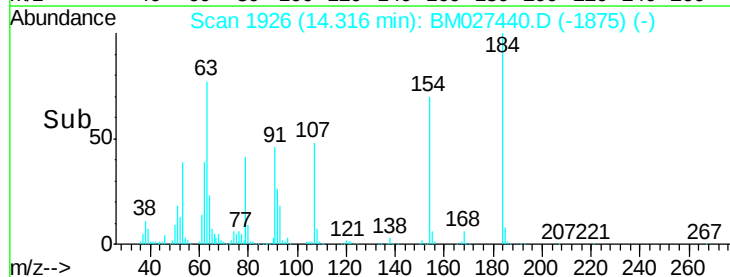
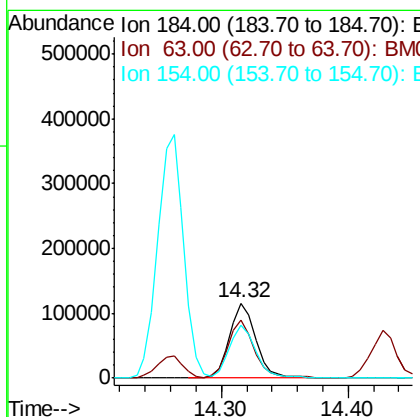
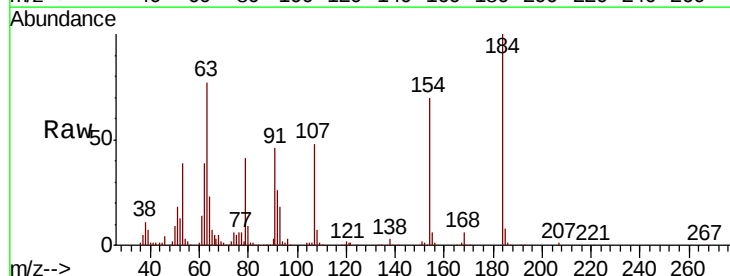
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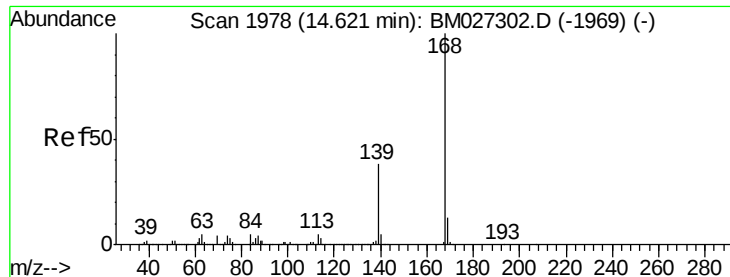
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#54
2,4-Dinitrophenol
Concen: 59.763 ng
RT: 14.32 min Scan# 1926
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	77.0	60.2	90.2
154	70.0	52.9	79.3





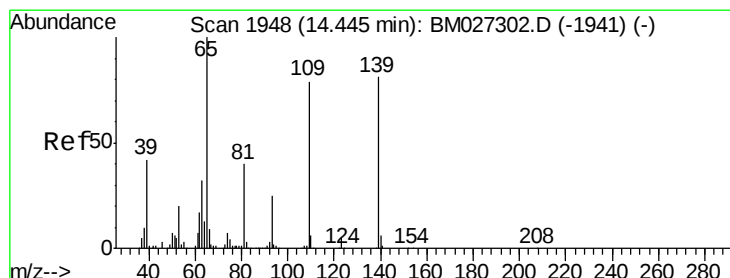
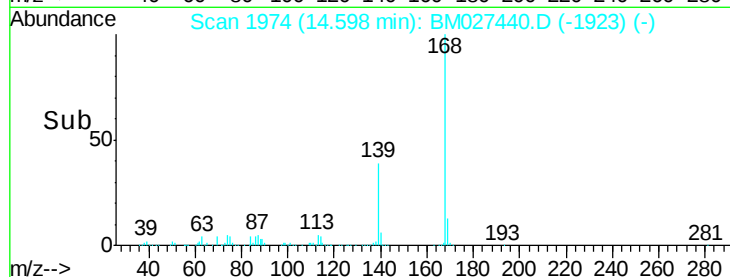
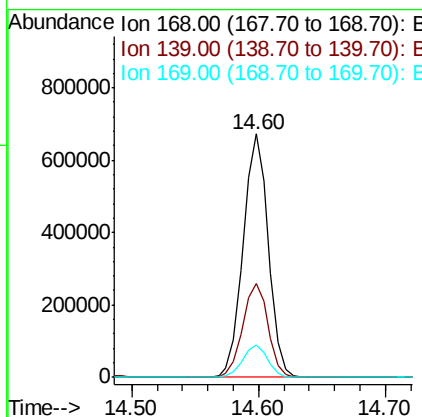
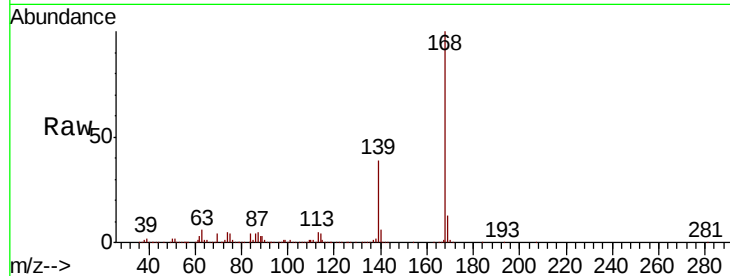
#55
Dibenzofuran
Concen: 37.832 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.2	45.4
169	13.4	10.6	16.0

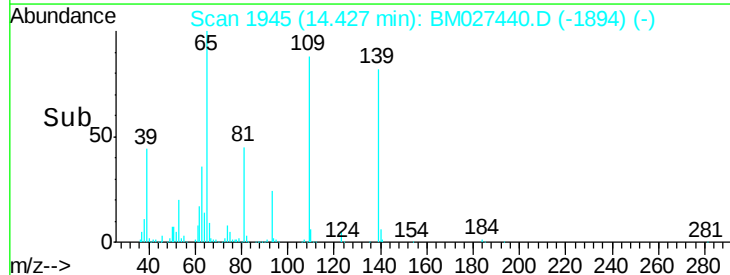
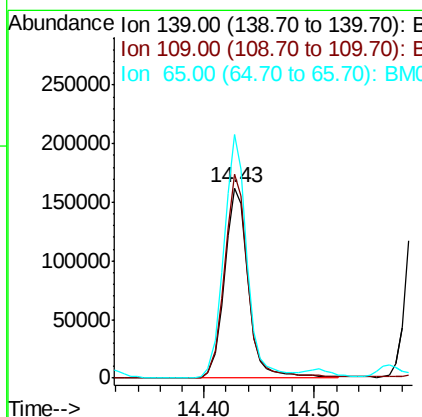
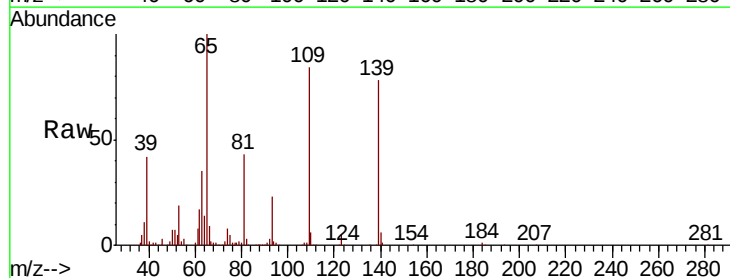
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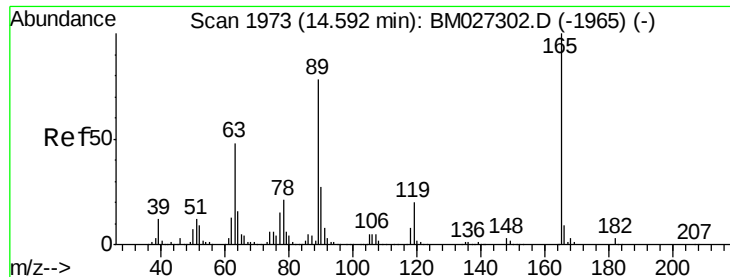
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#56
4-Nitrophenol
Concen: 72.780 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	107.0	77.0	117.0
65	128.0	103.4	143.4





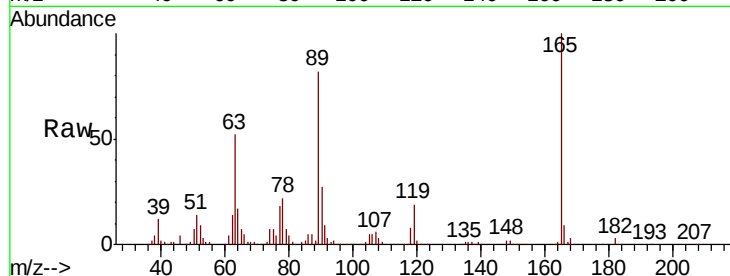
#57
2,4-Dinitrotoluene
Concen: 38.413 ng
RT: 14.57 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	228046		
63	51.9		38.8	58.2
89	81.5		62.6	94.0
182	3.0		2.3	3.5

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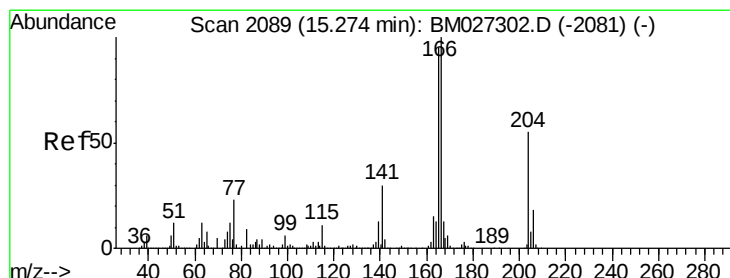
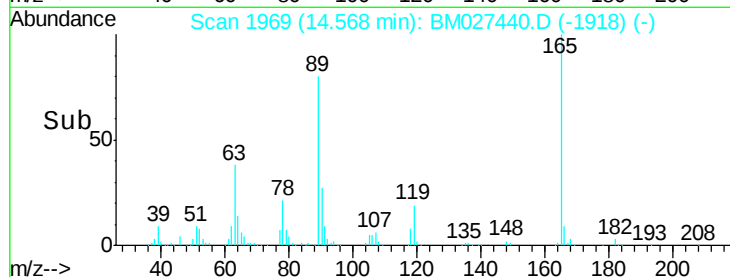
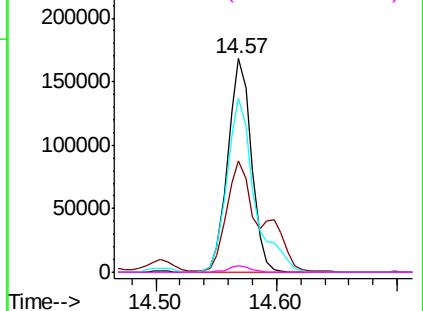
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

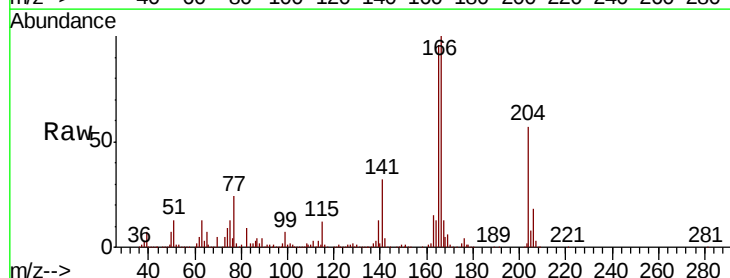
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 37.547 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	769370		
165	96.3		76.2	114.2
167	12.9		10.7	16.1

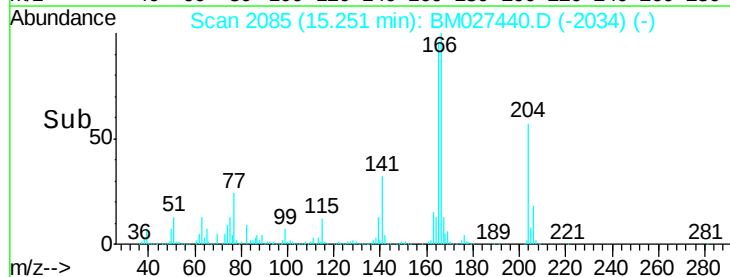
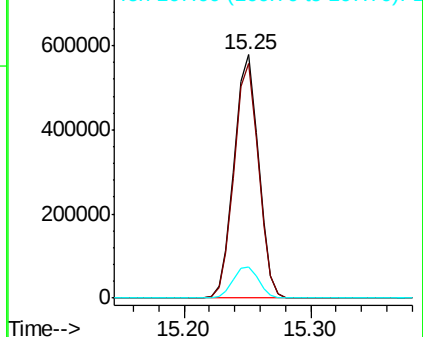


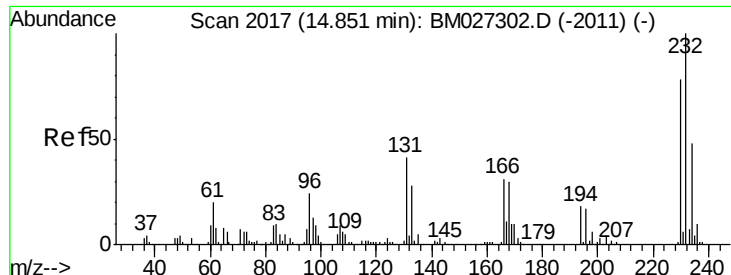
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





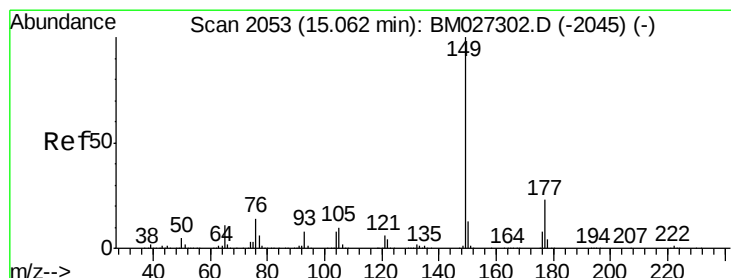
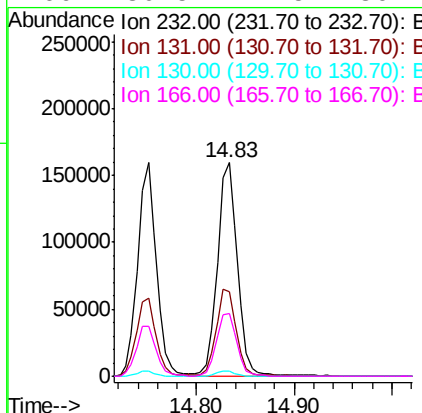
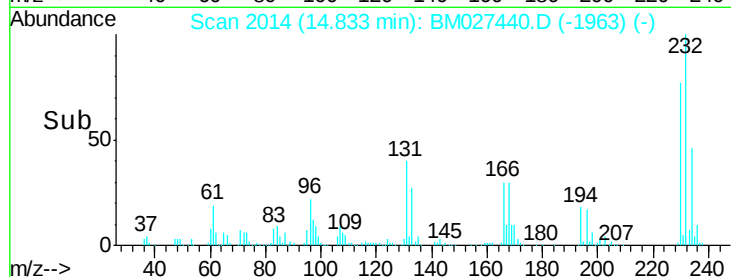
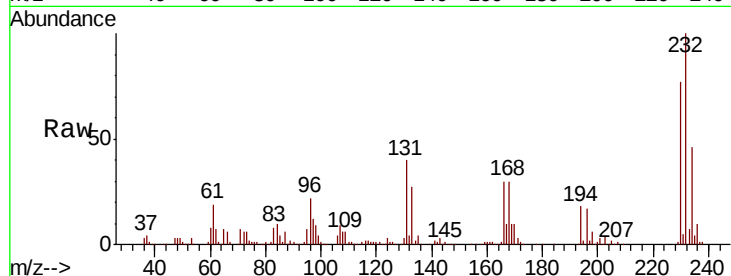
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.813 ng
 RT: 14.83 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Instrument :
 BNA_M
 ClientSampled :
 PB131588BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	225976		
131	40.9	32.2	48.2	
130	2.6	1.8	2.8	
166	30.5	24.5	36.7	

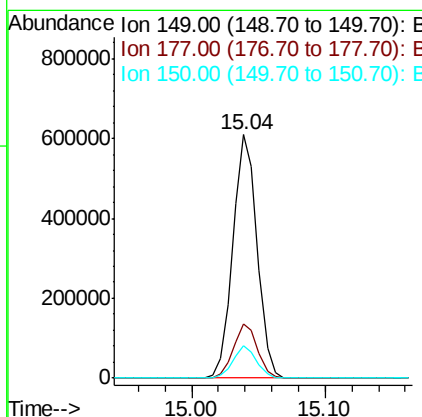
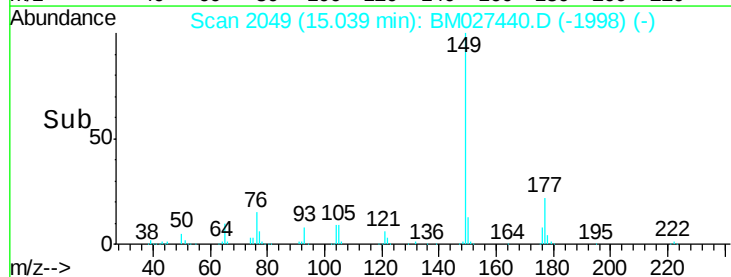
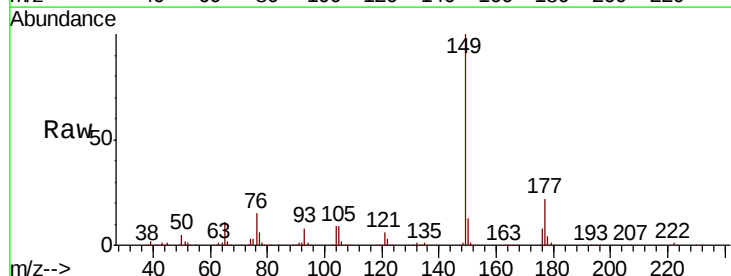
Manual Integrations
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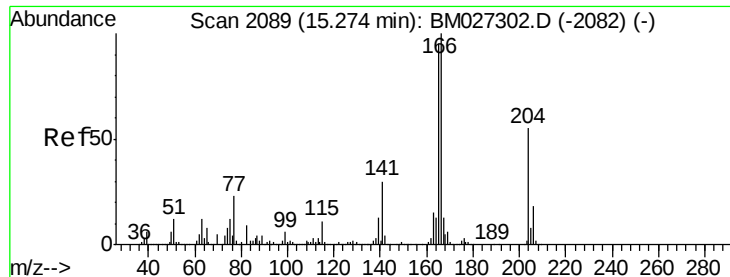
mohammad
 9/18/2020 11:29:09 AM



#60
 Diethylphthalate
 Concen: 37.354 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	772744		
177	22.2	18.2	27.4	
150	13.1	10.2	15.4	





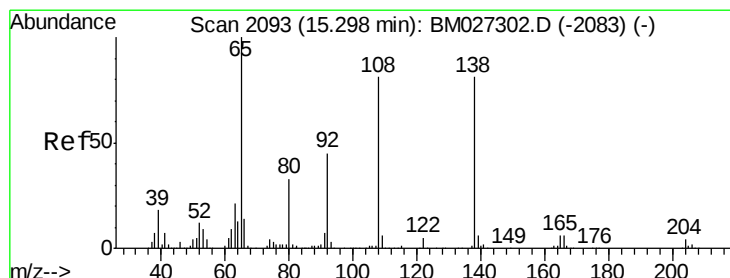
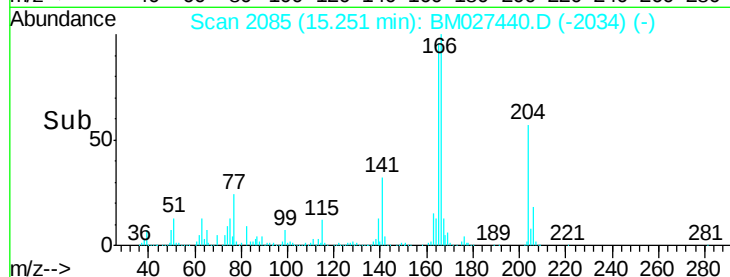
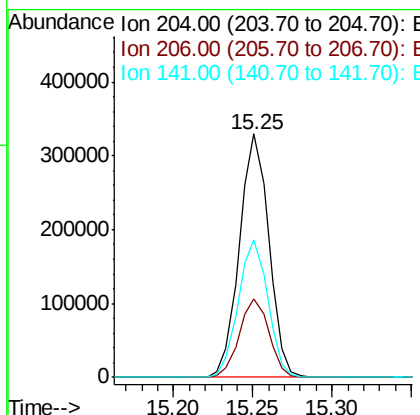
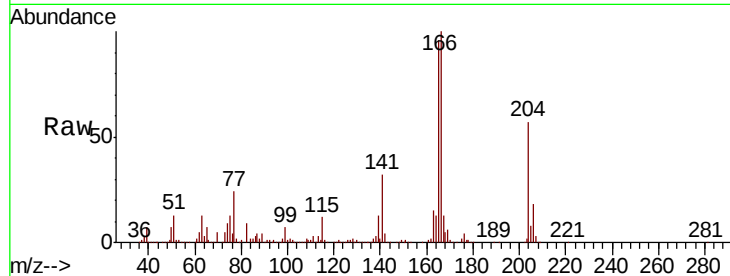
#61
4-Chlorophenyl-phenylether
Concen: 37.627 ng
RT: 15.25 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleID :
PB131588BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.1	39.1
141	56.2	43.7	65.5

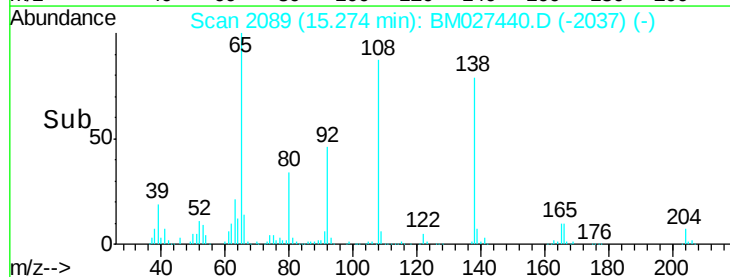
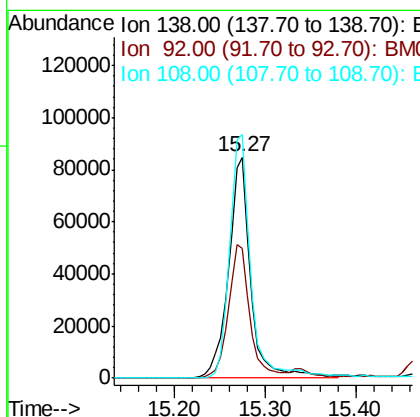
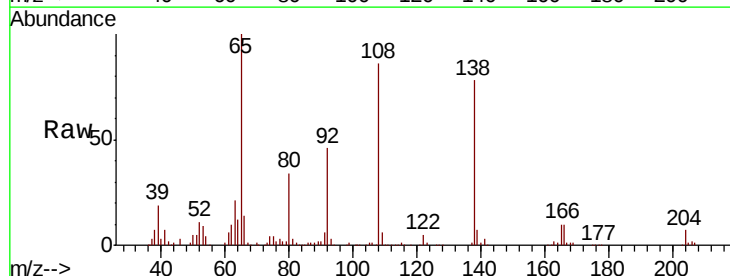
Manual Integrations
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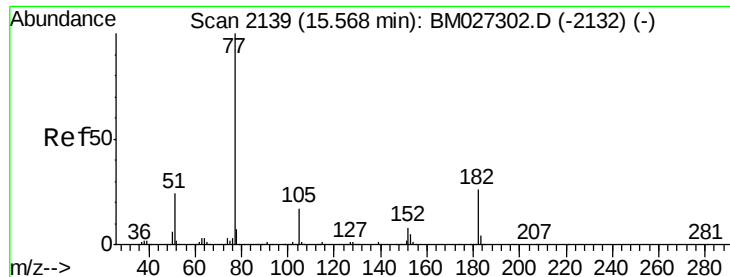
mohammad
9/18/2020 11:29:09 AM



#62
4-Nitroaniline
Concen: 33.091 ng
RT: 15.27 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	58.4	35.5	75.5
108	110.2	80.5	120.5





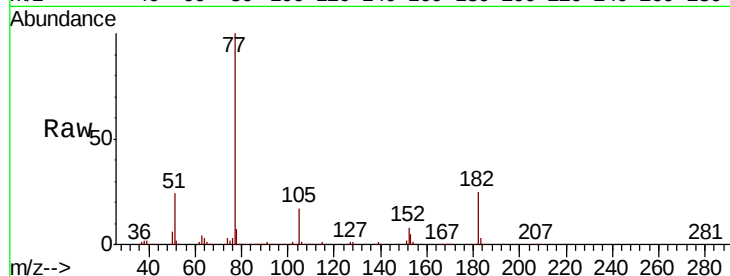
#63
Azobenzene
Concen: 39.709 ng
RT: 15.54 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	5.8	45.8
105	16.8	0.0	37.2
51	24.3	3.6	43.6

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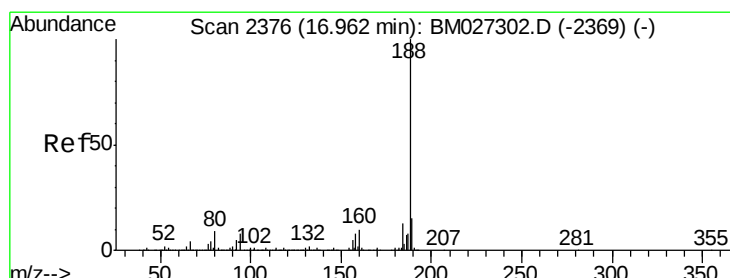
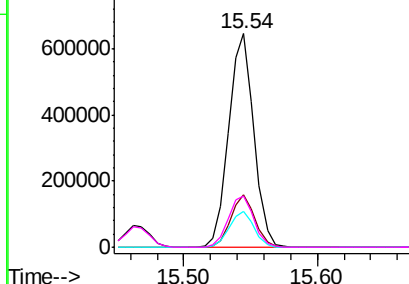
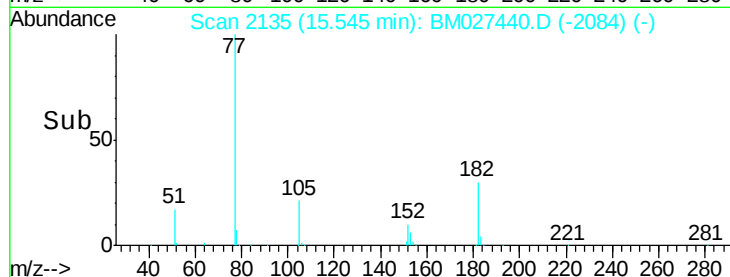


Abundance Ion 77.00 (76.70 to 77.70): BM027440.D (-2084) (-)

Ion 182.00 (181.70 to 182.70): BM027440.D (-2084) (-)

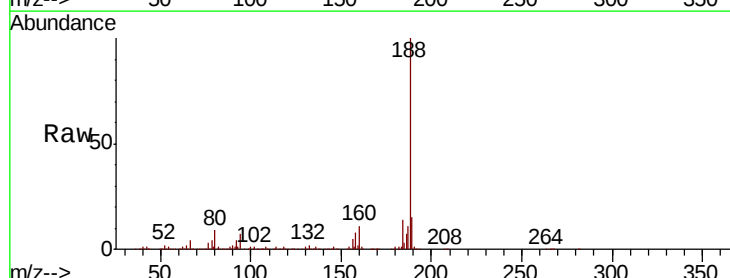
Ion 105.00 (104.70 to 105.70): BM027440.D (-2084) (-)

Ion 51.00 (50.70 to 51.70): BM027440.D (-2084) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

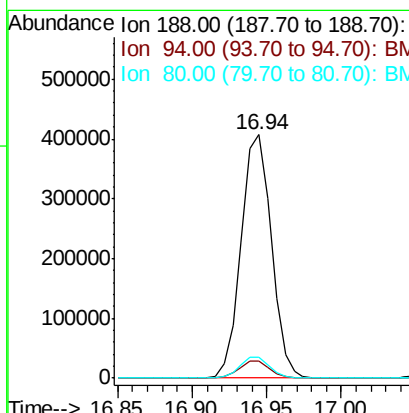
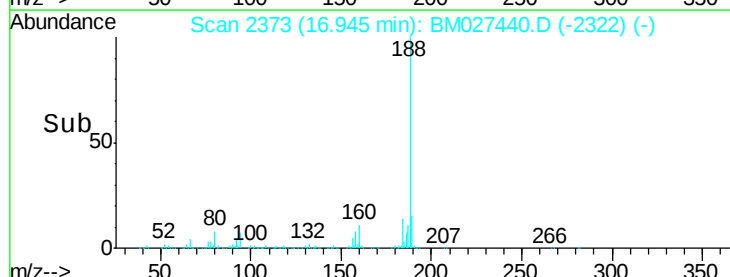
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.2	9.4
80	8.5	7.5	11.3

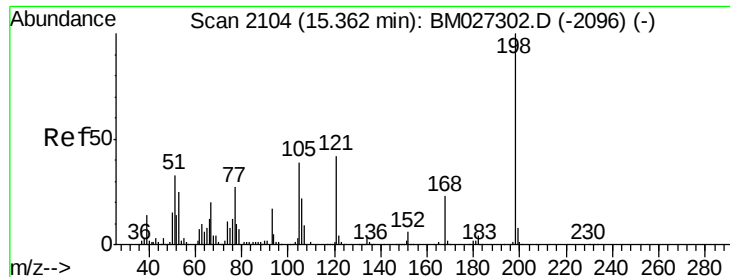


Abundance Ion 188.00 (187.70 to 188.70): BM027440.D (-2322) (-)

Ion 94.00 (93.70 to 94.70): BM027440.D (-2322) (-)

Ion 80.00 (79.70 to 80.70): BM027440.D (-2322) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 32.562 ng

RT: 15.34 min Scan# 2100

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

ClientSampled :

PB131588BS

Tot Ion:198 Resp: 119963

Ion Ratio Lower Upper

198 100

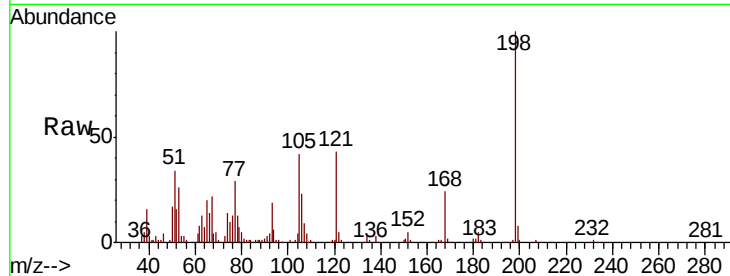
51 34.2 13.0 53.0

105 41.9 18.7 58.7

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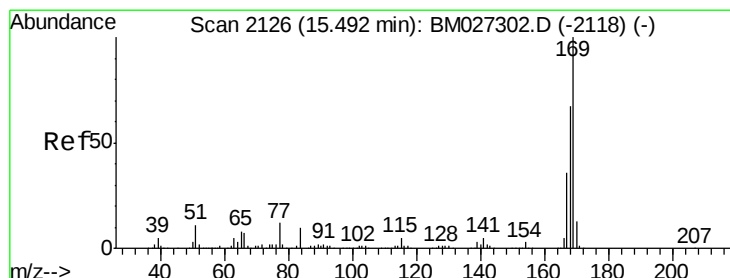
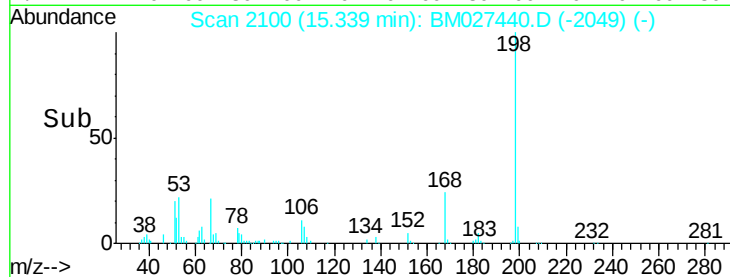
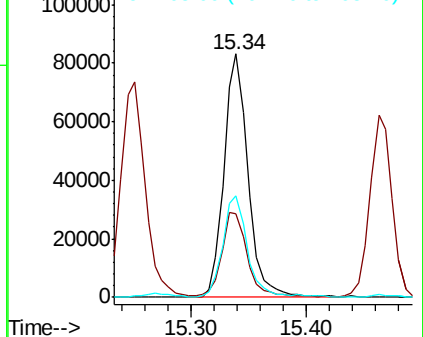
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.073 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

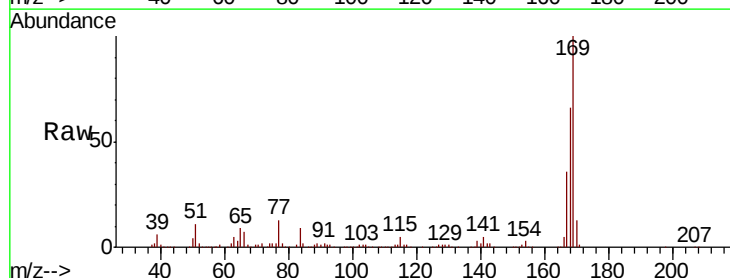
Tgt Ion:169 Resp: 676088

Ion Ratio Lower Upper

169 100

168 66.1 53.8 80.8

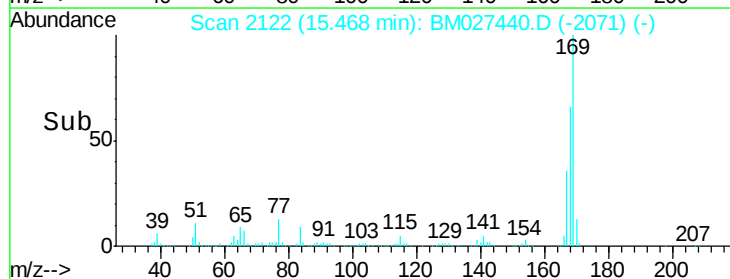
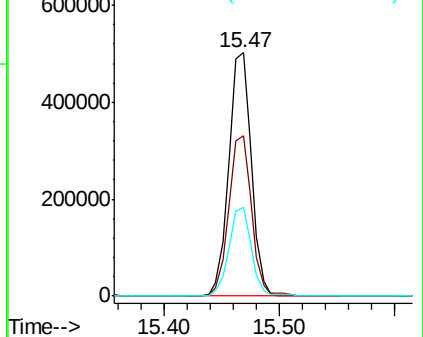
167 36.3 29.0 43.4

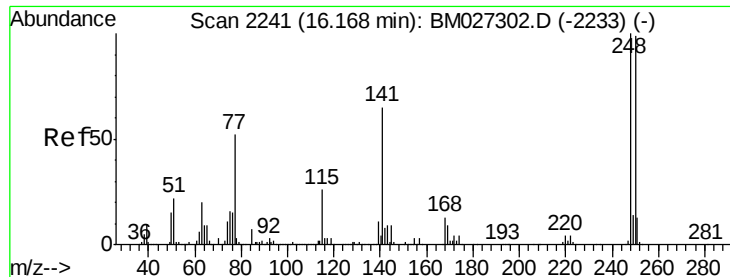


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





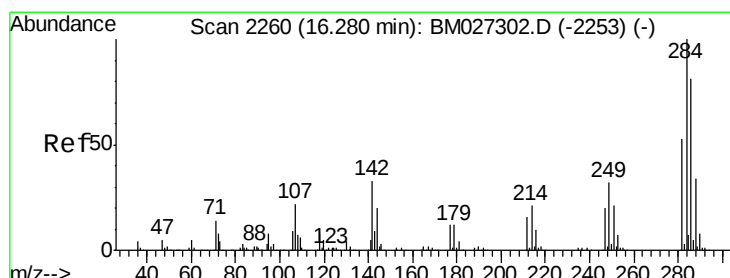
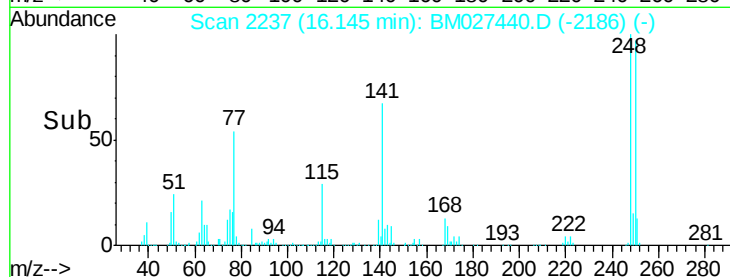
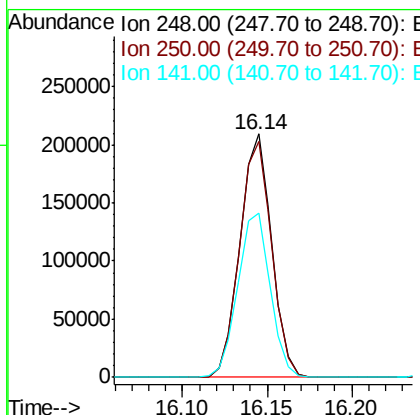
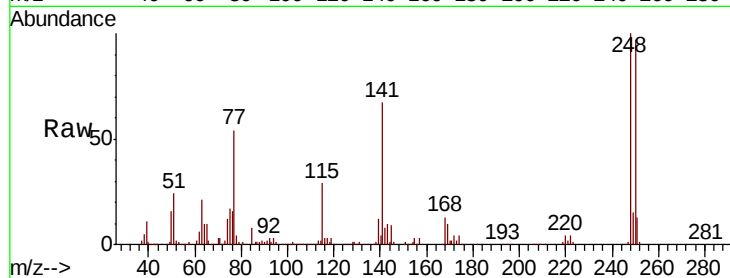
#67
 4-Bromophenyl-phenylether
 Concen: 38.540 ng
 RT: 16.14 min Scan# 2237
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Instrument :
 BNA_M
 ClientSampled :
 PB131588BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	79.1	118.7
141	67.2	51.8	77.8

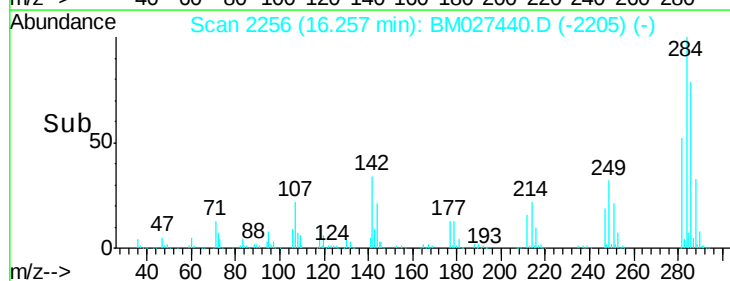
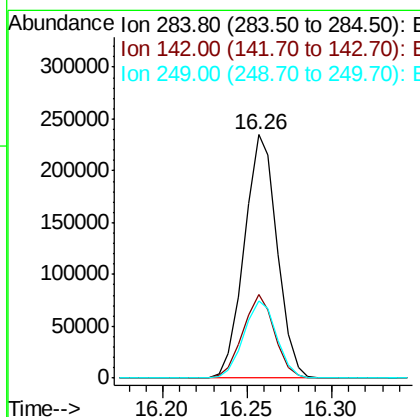
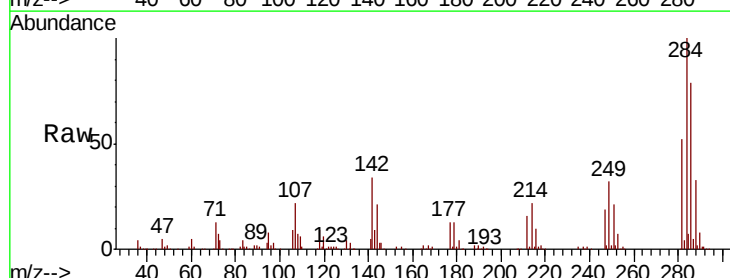
Manual Integrations
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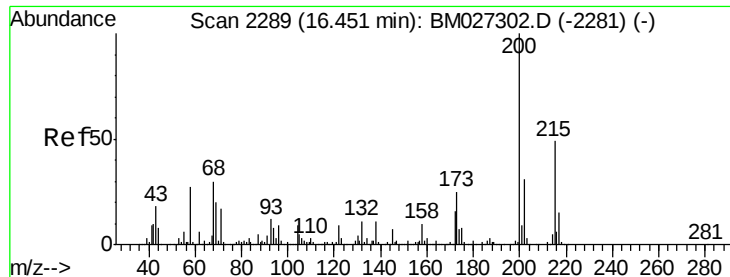
mohammad
 9/18/2020 11:29:09 AM



#68
 Hexachlorobenzene
 Concen: 38.321 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	26.1	39.1
249	31.9	25.6	38.4





#69

Atrazine

Concen: 43.501 ng

RT: 16.43 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

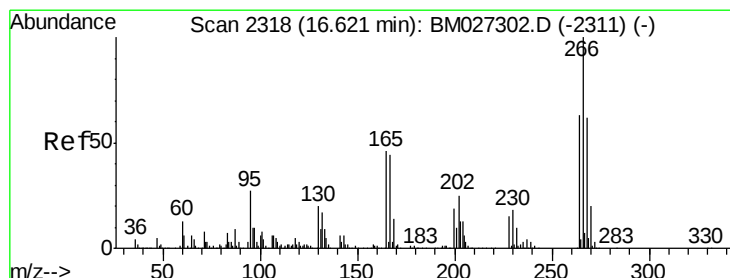
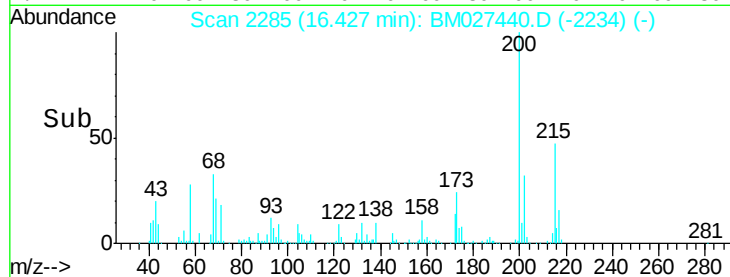
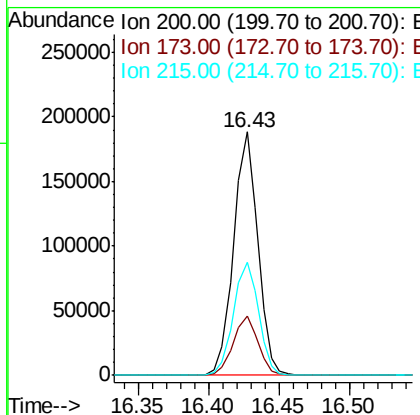
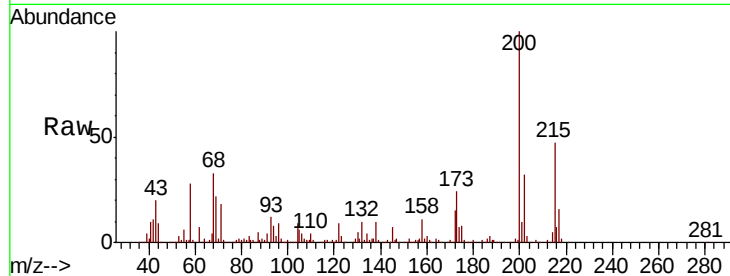
ClientSampleId :

PB131588BS

Tot Ion:	200	Resp:	225958
Ion Ratio	Lower	Upper	
200	100		
173	24.4	4.9	44.9
215	46.7	29.0	69.0

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#70

Pentachlorophenol

Concen: 76.652 ng

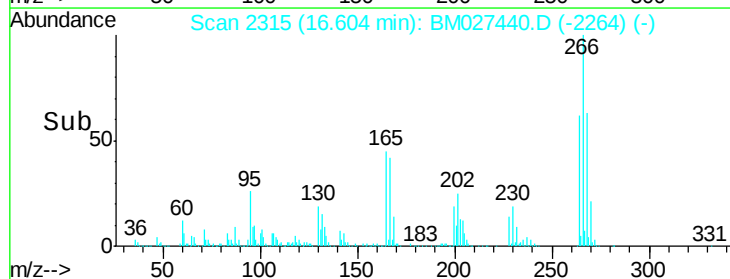
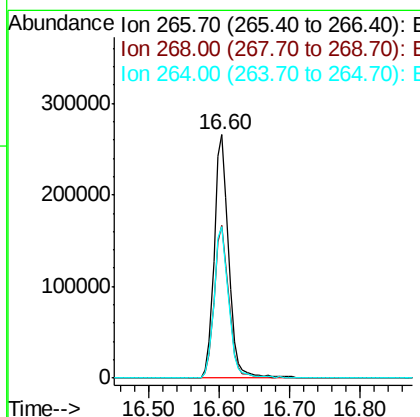
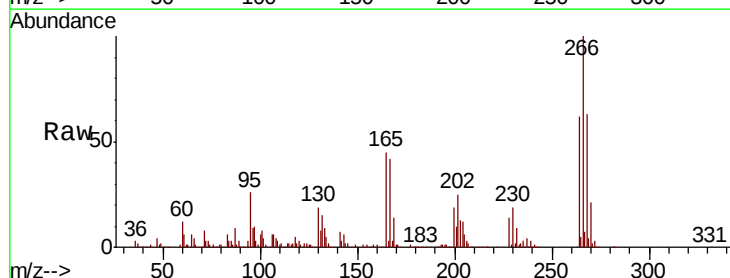
RT: 16.60 min Scan# 2315

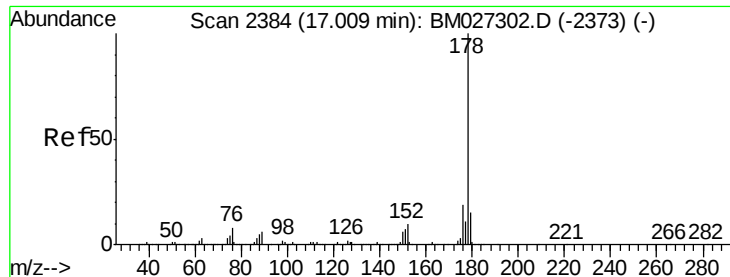
Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	266	Resp:	383500
Ion Ratio	Lower	Upper	
266	100		
268	62.7	49.9	74.9
264	62.4	50.6	76.0





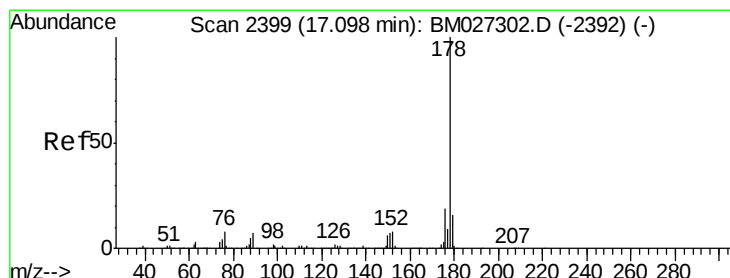
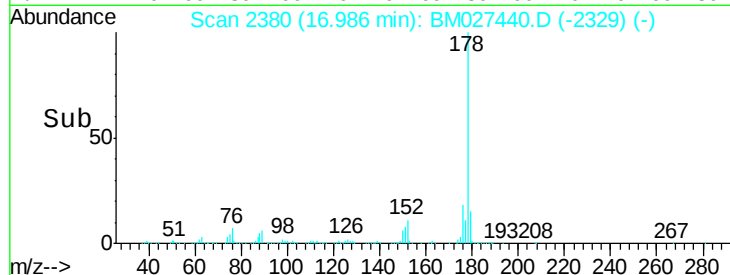
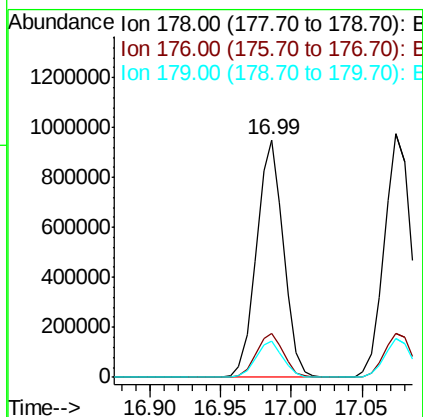
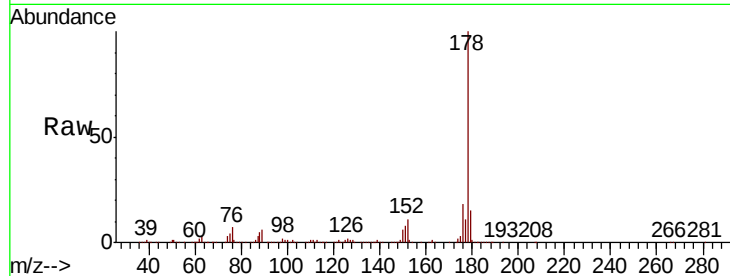
#71
Phenanthrene
Concen: 38.372 ng
RT: 16.99 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.4	12.2	18.4

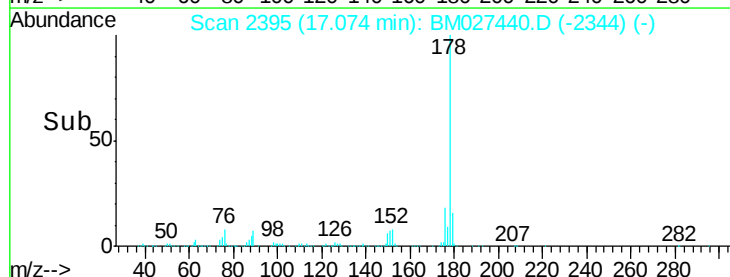
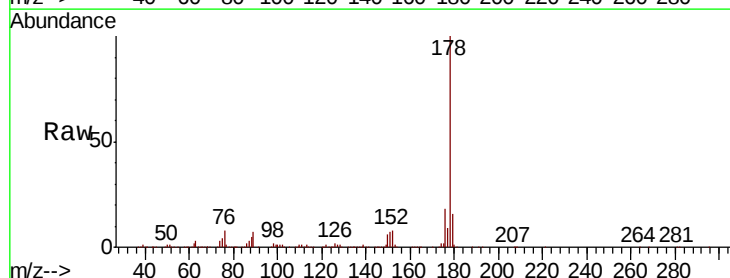
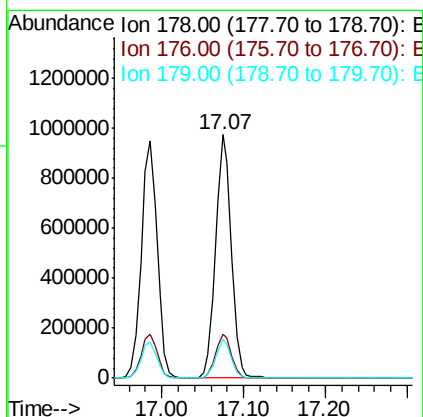
Manual Integrations
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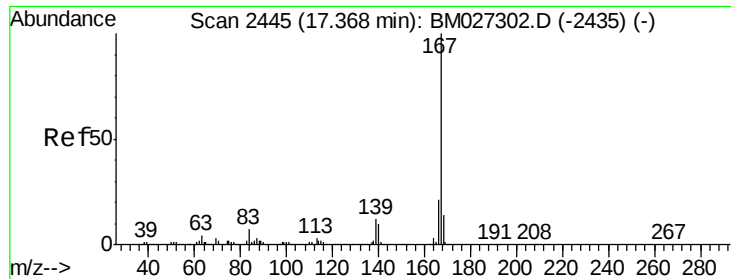
mohammad
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#72
Anthracene
Concen: 38.796 ng
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.0	22.4
179	15.7	12.5	18.7





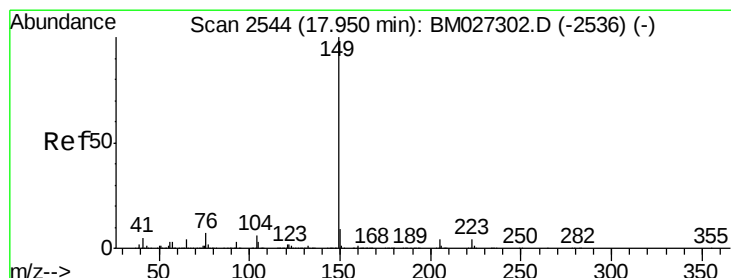
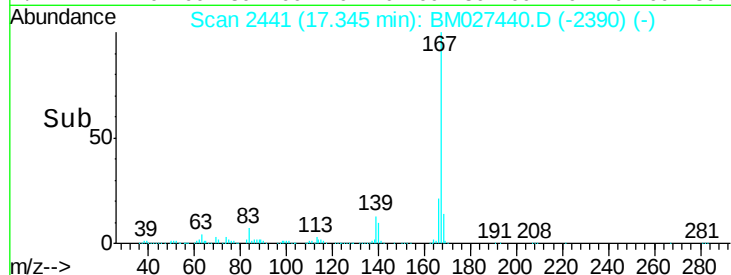
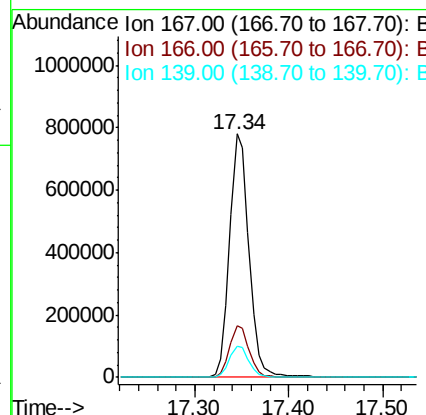
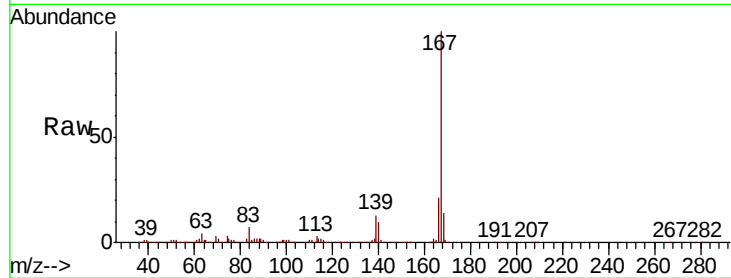
#73
 Carbazole
 Concen: 38.297 ng
 RT: 17.34 min Scan# 2441
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Instrument :
 BNA_M
 ClientSampleId :
 PB131588BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	16.9	25.3
139	12.6	9.9	14.9

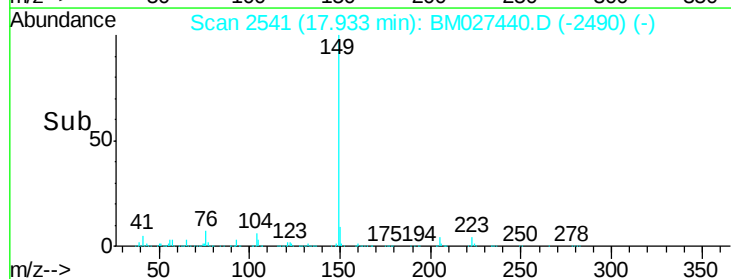
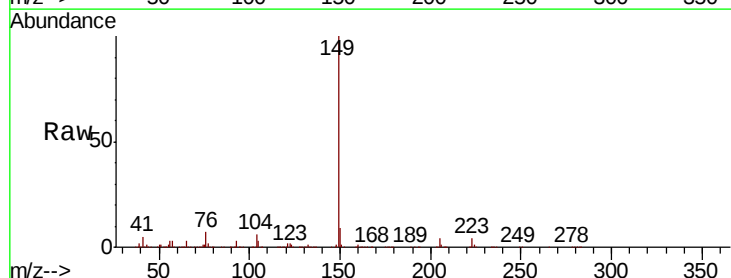
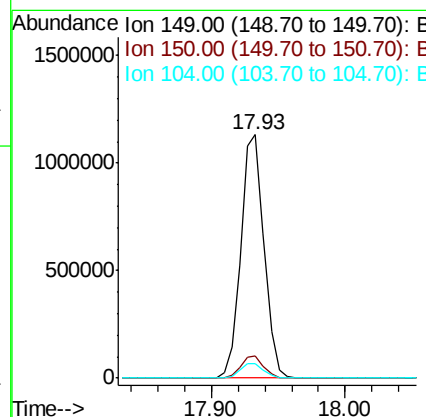
Manual Integrations
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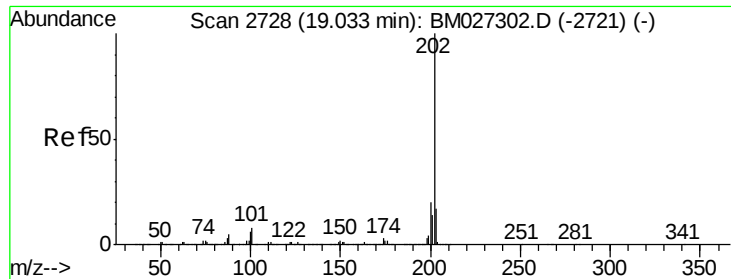
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#74
 Di-n-butylphthalate
 Concen: 38.426 ng
 RT: 17.93 min Scan# 2541
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.0
104	6.2	4.7	7.1





#75

Fluoranthene

Concen: 38.771 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

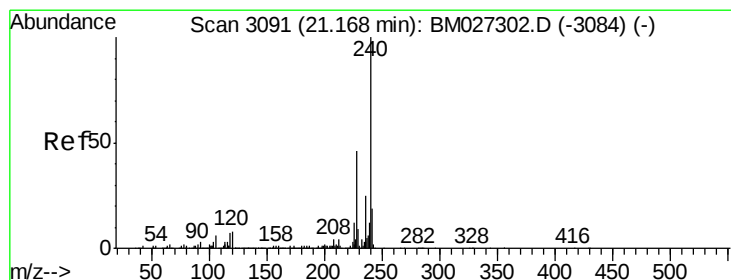
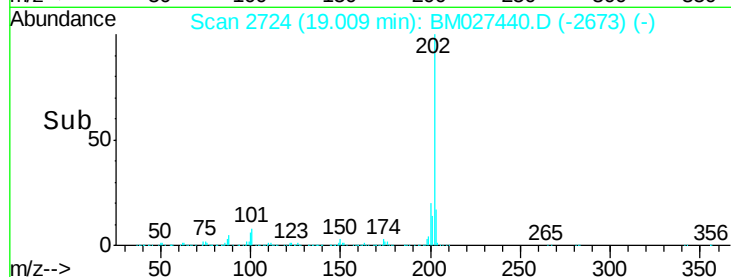
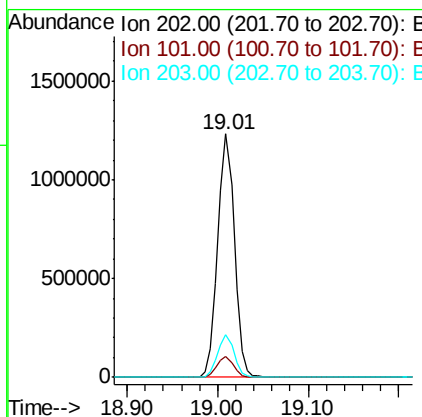
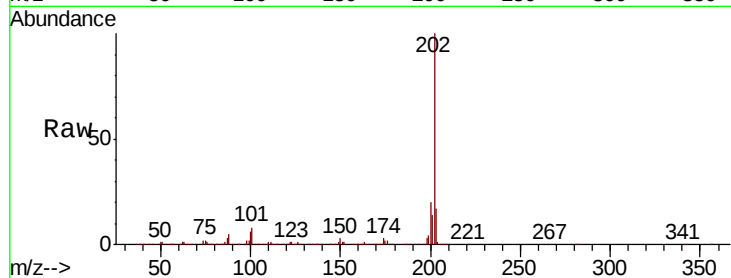
ClientSampleId :

PB131588BS

Tot Ion:	202	Resp:	1569958
Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	28.5
203	17.3	0.0	37.3

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#76

Chrysene-d12

Concen: 20.000 ng

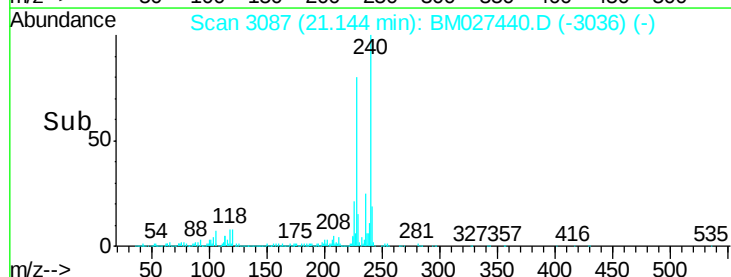
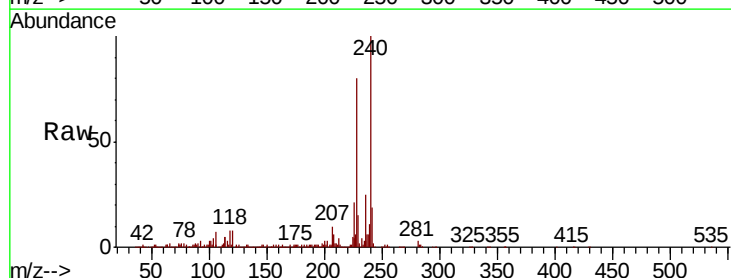
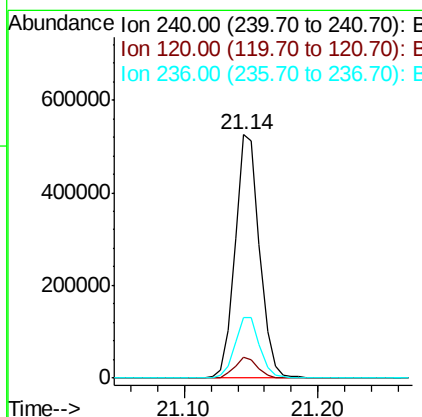
RT: 21.14 min Scan# 3087

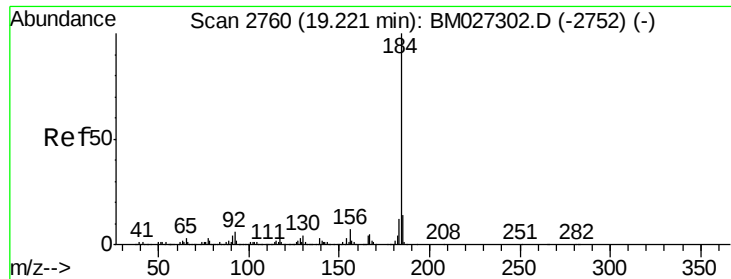
Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	240	Resp:	671287
Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.4	9.6
236	25.0	20.1	30.1





#77

Benzidine

Concen: 38.384 ng

RT: 19.20 min Scan# 2757

Delta R.T. 0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

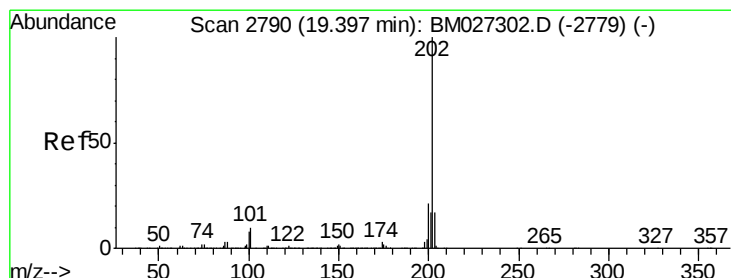
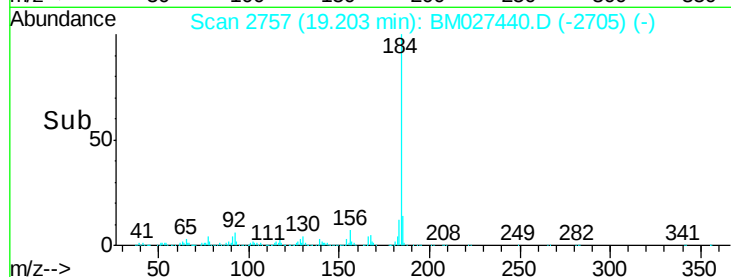
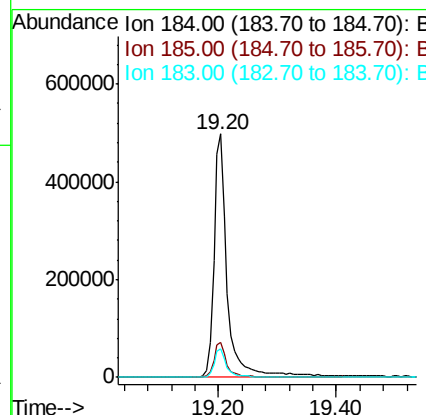
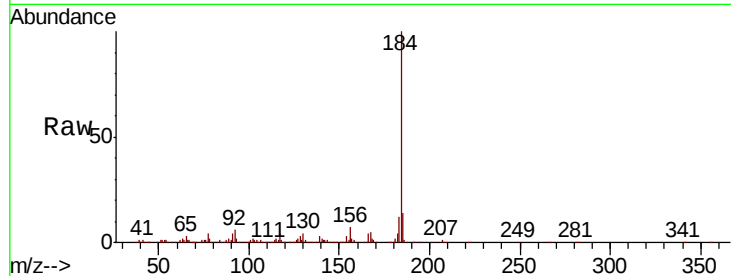
ClientSampleId :

PB131588BS

Tot Ion:	184	Resp:	784427
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.0	16.6
183	11.7	9.7	14.5

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#78

Pyrene

Concen: 36.327 ng

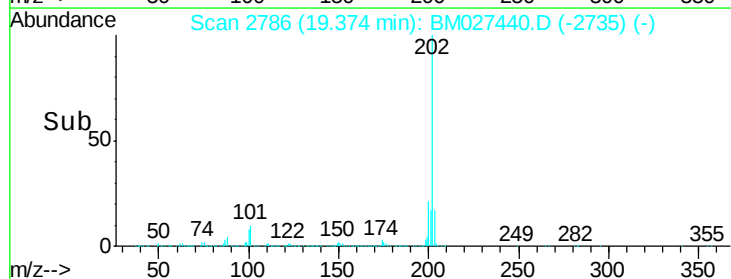
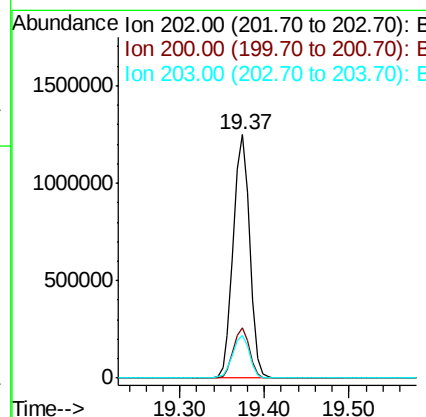
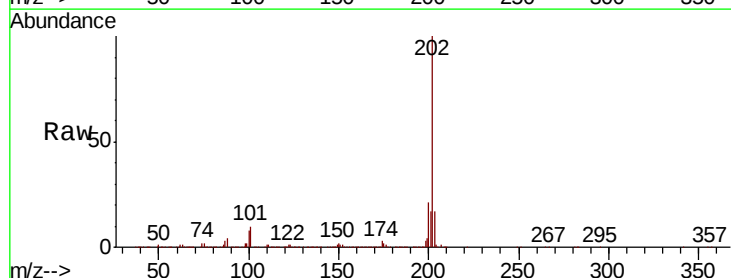
RT: 19.37 min Scan# 2786

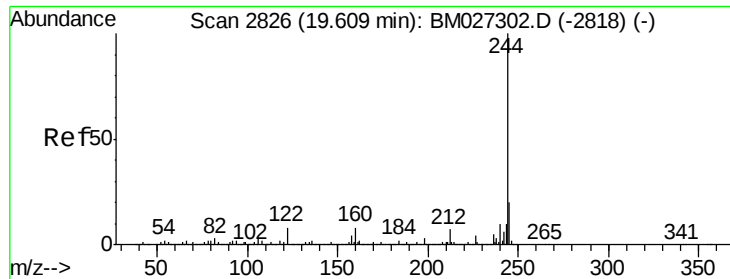
Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	202	Resp:	1663070
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.6	24.8
203	17.3	13.8	20.6





#79

Terphenyl-d14

Concen: 61.695 ng

RT: 19.59 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

ClientSampled :

PB131588BS

Tot Ion:244 Resp: 2379566

Ion Ratio Lower Upper

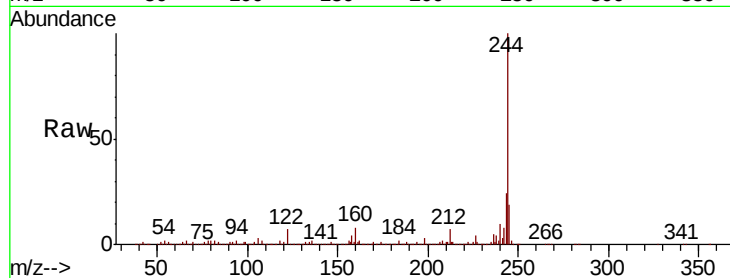
244 100

212 7.3 5.8 8.8

122 7.4 6.5 9.7

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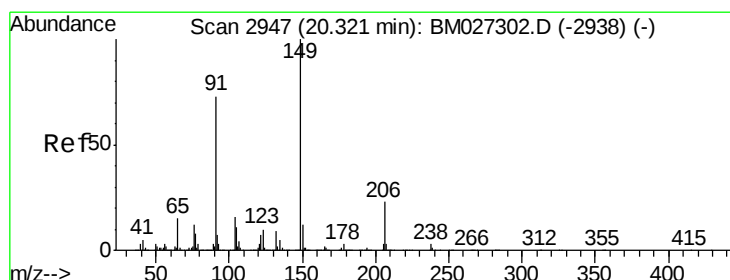
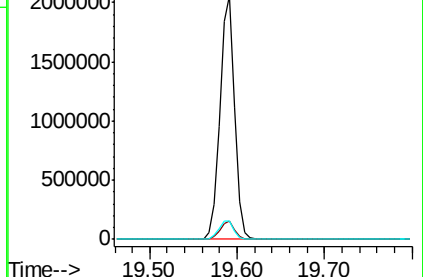
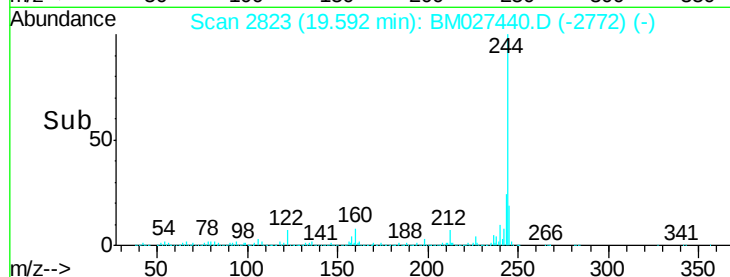
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.581 ng

RT: 20.30 min Scan# 2943

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

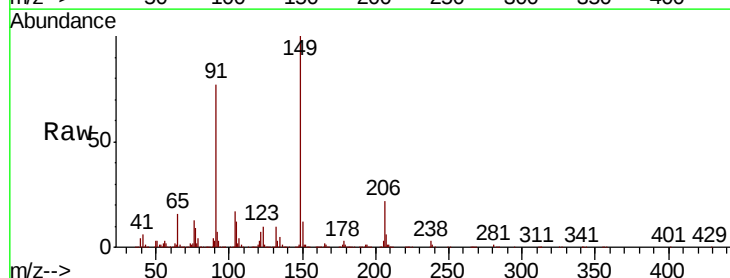
Tgt Ion:149 Resp: 650120

Ion Ratio Lower Upper

149 100

91 76.9 58.1 87.1

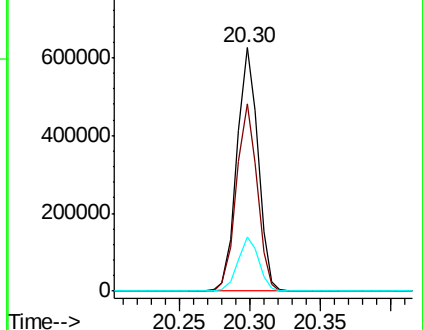
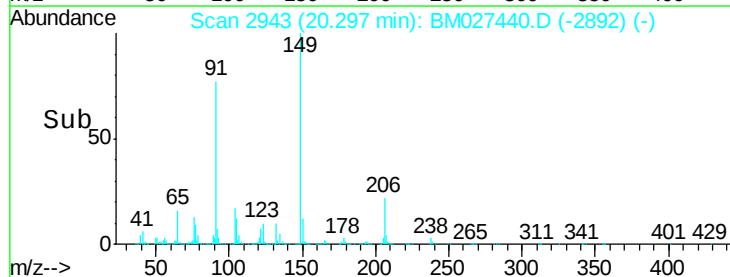
206 22.2 18.7 28.1

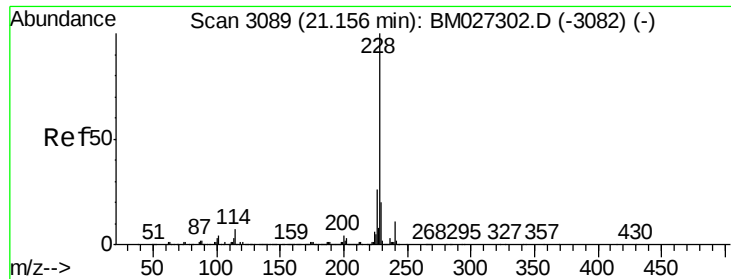


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.767 ng

RT: 21.13 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

ClientSampleId :

PB131588BS

Tot Ion:228 Resp: 1737450

Ion Ratio Lower Upper

228 100

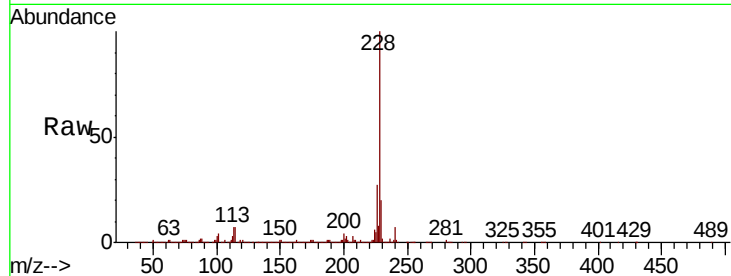
226 27.4 21.1 31.7

229 19.7 15.7 23.5

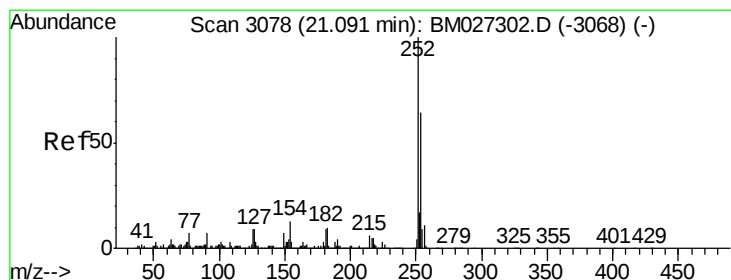
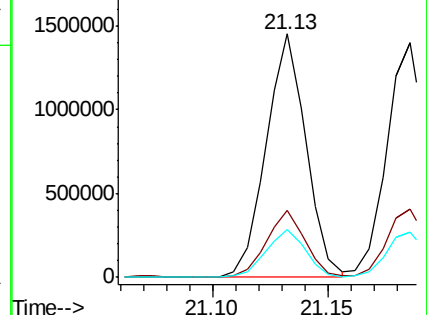
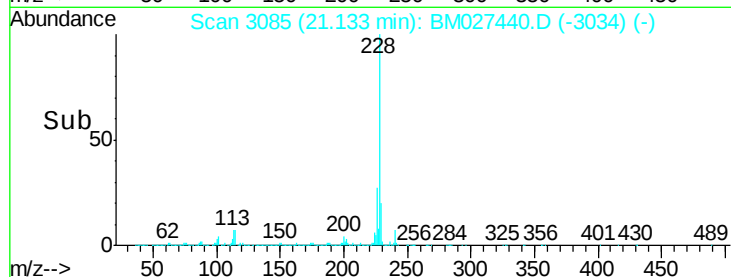
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Abundance Ion 228.00 (227.70 to 228.70): E
2000000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.739 ng

RT: 21.07 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

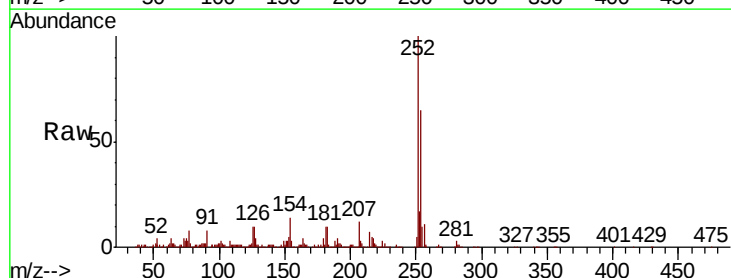
Tgt Ion:252 Resp: 538220

Ion Ratio Lower Upper

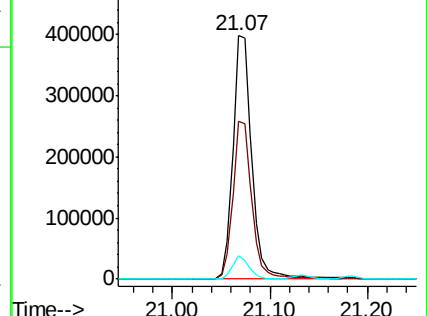
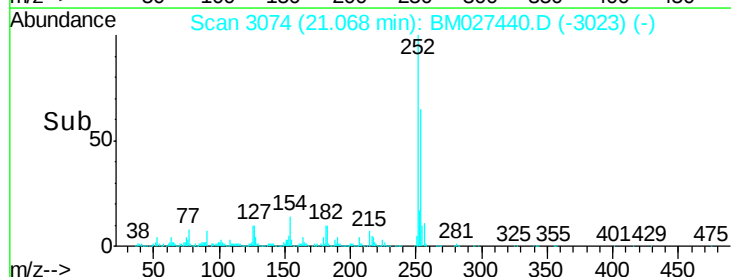
252 100

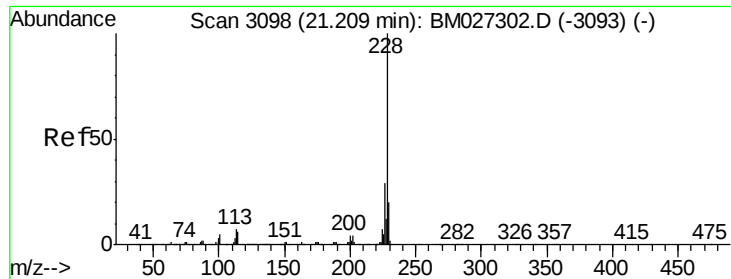
254 64.9 51.4 77.0

126 9.5 6.8 10.2



Abundance Ion 252.00 (251.70 to 252.70): E
500000
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 39.015 ng

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

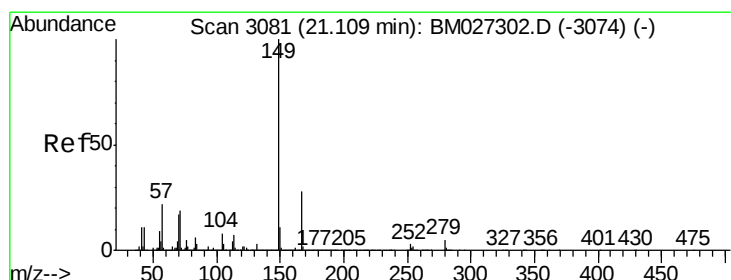
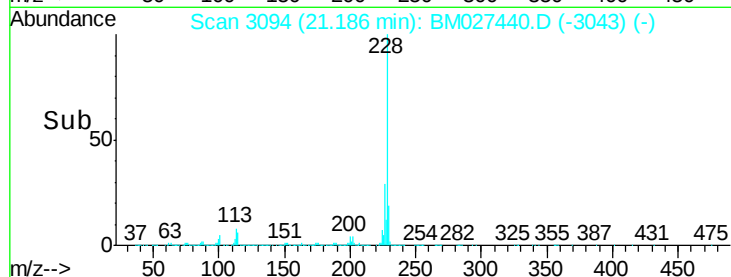
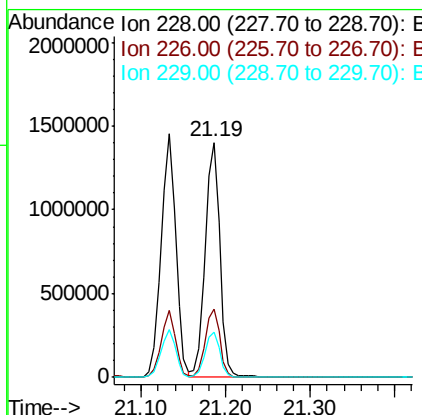
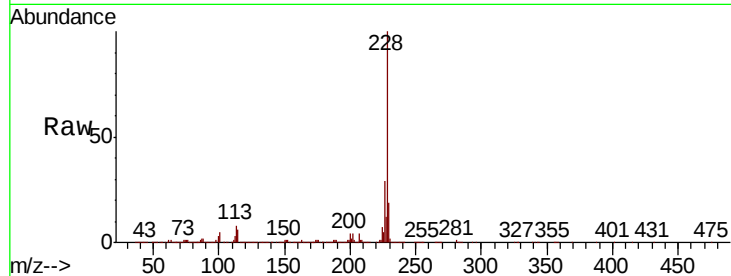
ClientSampleId :

PB131588BS

Tot Ion:	228	Resp:	1699271
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.0
229	19.3	15.7	23.5

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#84

Bis(2-ethylhexyl)phthalate

Concen: 39.605 ng

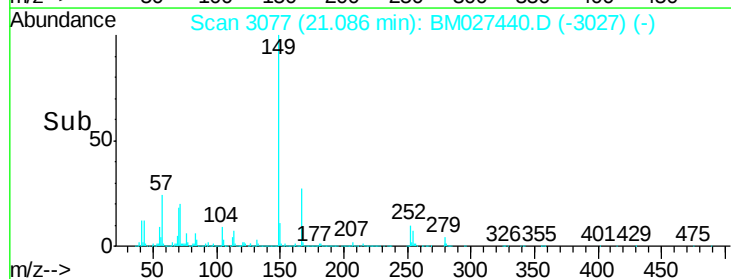
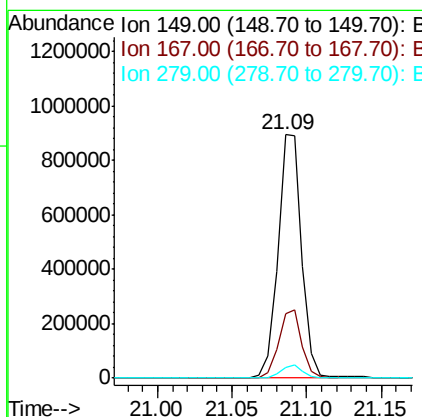
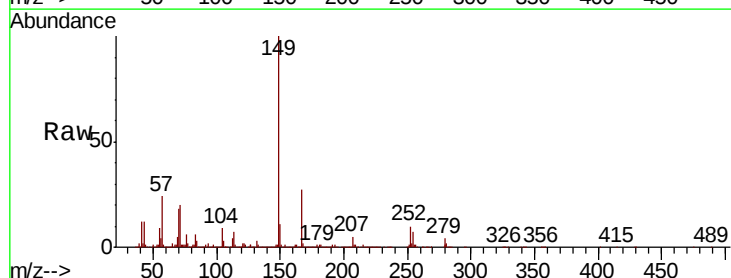
RT: 21.09 min Scan# 3077

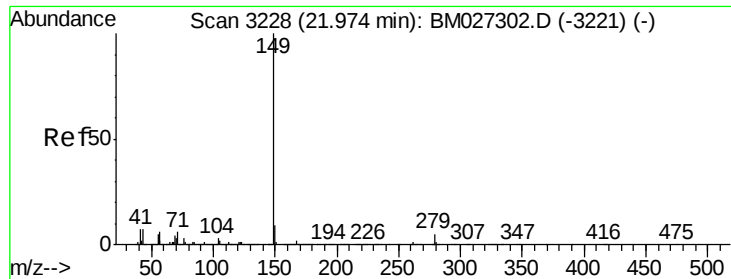
Delta R.T. -0.01 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	149	Resp:	984853
Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.7	34.1
279	4.3	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 40.367 ng

RT: 21.95 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Instrument :

BNA_M

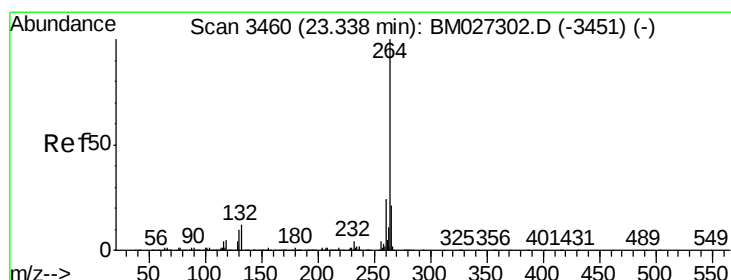
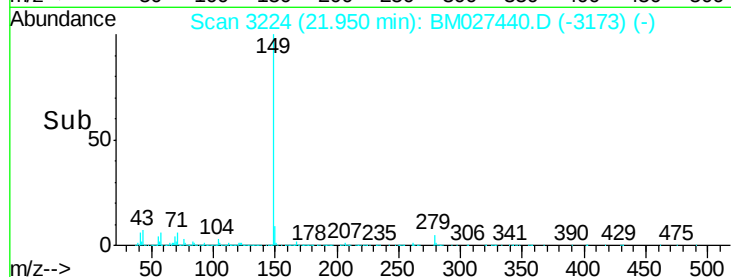
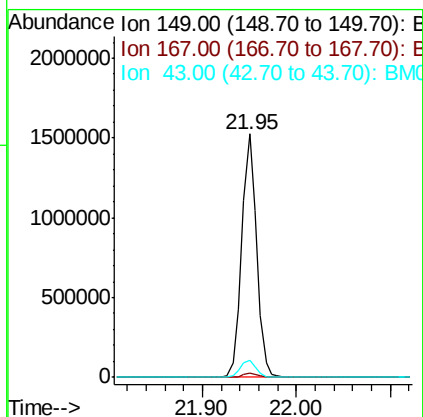
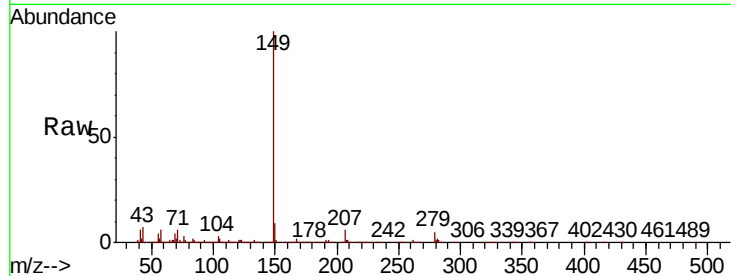
ClientSampleId :

PB131588BS

Tot Ion:	149	Resp:	1670821
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.2	5.8	8.6

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#86

Perylene-d12

Concen: 20.000 ng

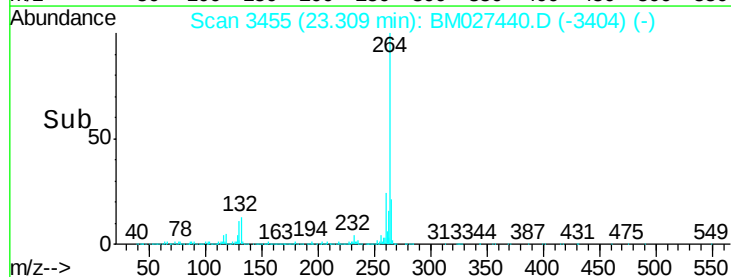
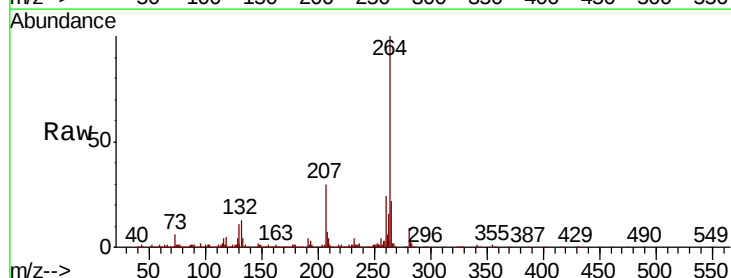
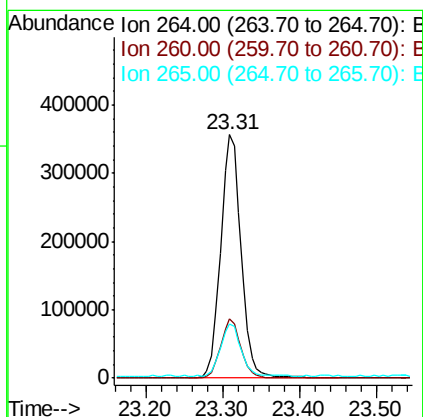
RT: 23.31 min Scan# 3455

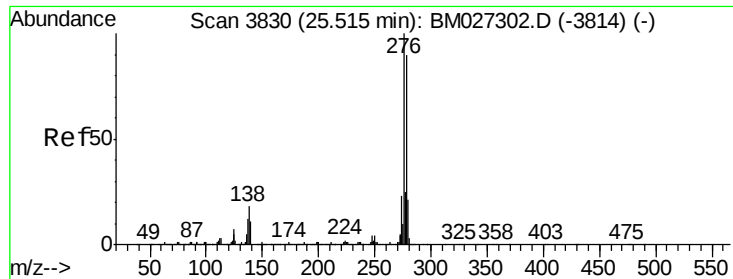
Delta R.T. -0.00 min

Lab File: BM027440.D

Acq: 16 Sep 2020 13:33

Tgt Ion:	264	Resp:	655671
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.0	28.4
265	22.2	17.7	26.5





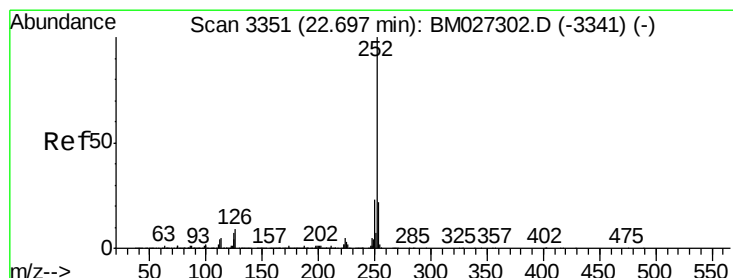
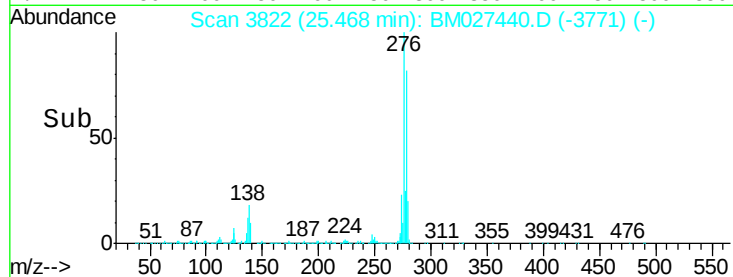
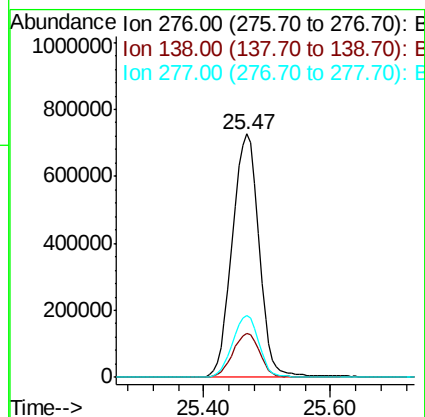
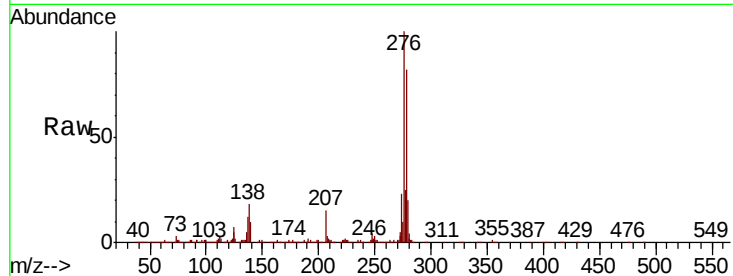
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 47.764 ng
 RT: 25.47 min Scan# 3822
 Delta R.T. -0.00 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Instrument :
 BNA_M
 ClientSampleID :
 PB131588BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.1	14.2	21.4
277	25.1	19.8	29.8

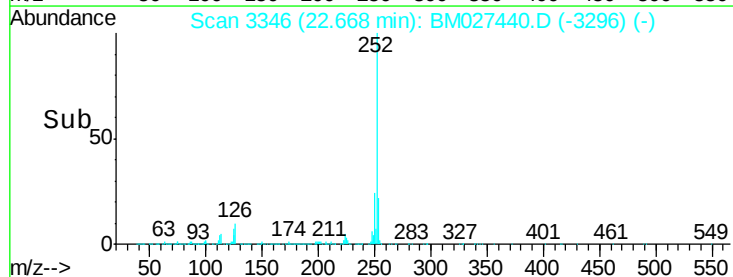
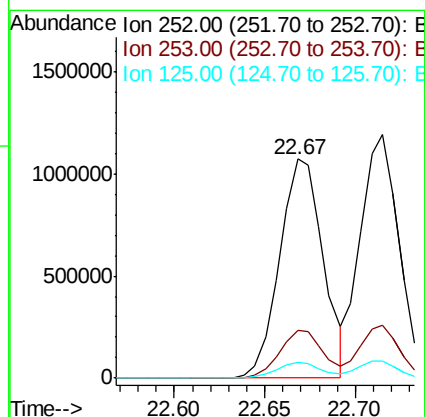
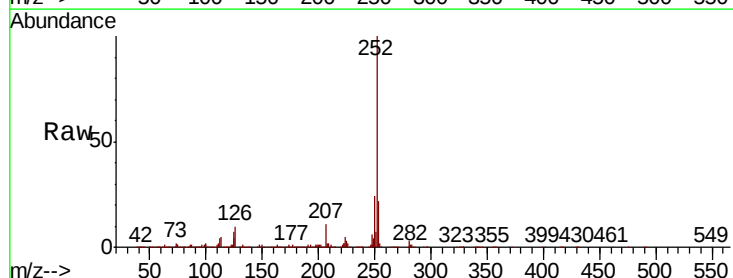
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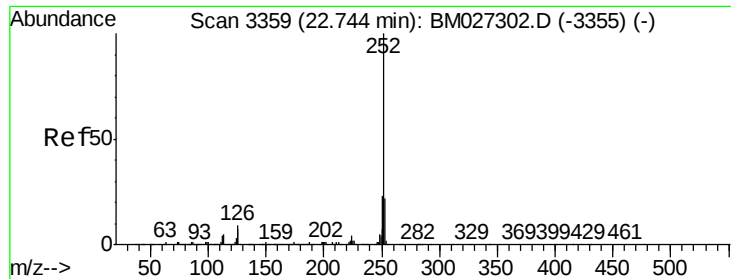
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#88
 Benzo(b)fluoranthene
 Concen: 39.385 ng
 RT: 22.67 min Scan# 3346
 Delta R.T. -0.01 min
 Lab File: BM027440.D
 Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	7.3	5.7	8.5





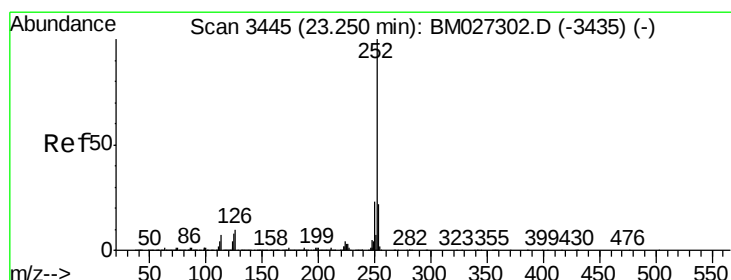
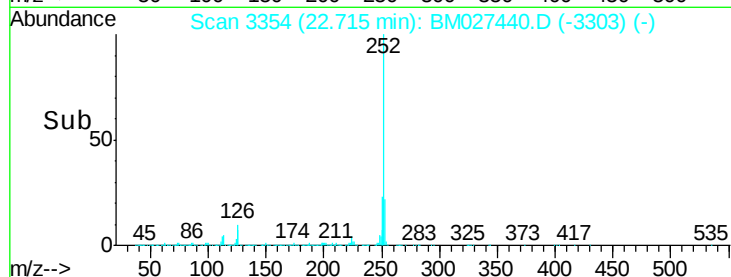
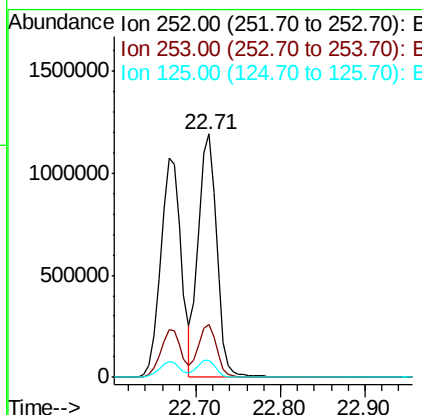
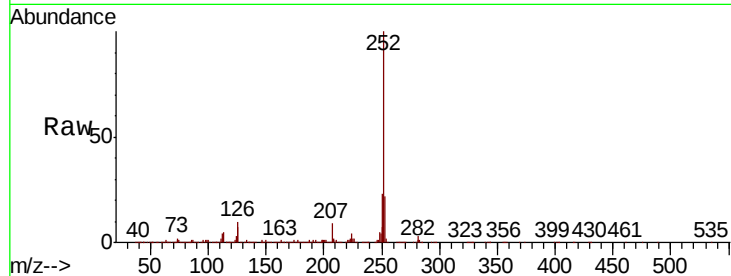
#89
Benzo(k)fluoranthene
Concen: 40.702 ng
RT: 22.71 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	7.0	5.6	8.4

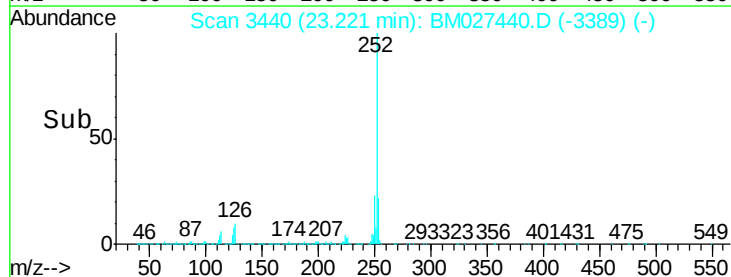
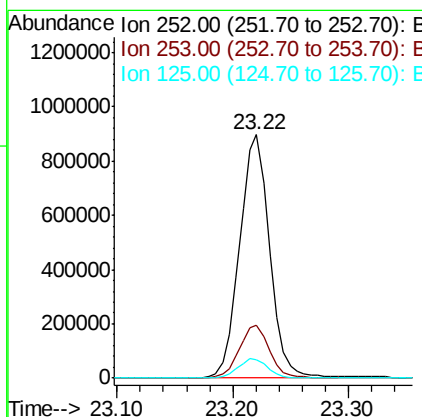
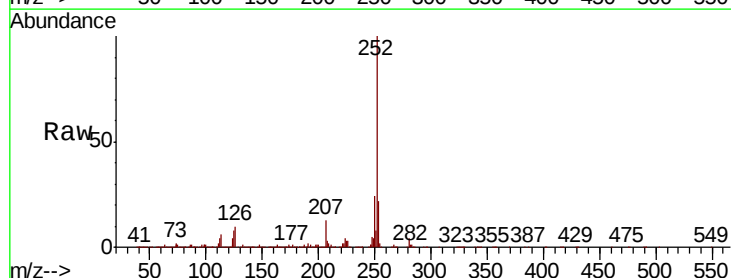
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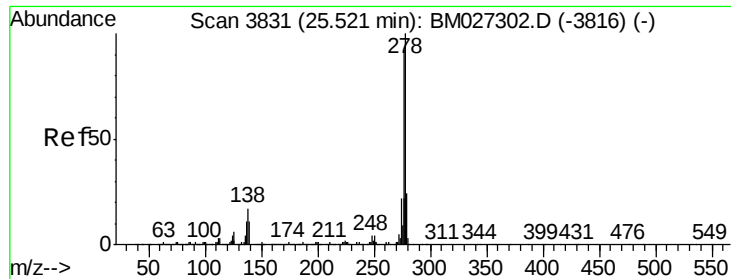
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#90
Benzo(a)pyrene
Concen: 41.860 ng
RT: 23.22 min Scan# 3440
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	7.8	6.6	9.8





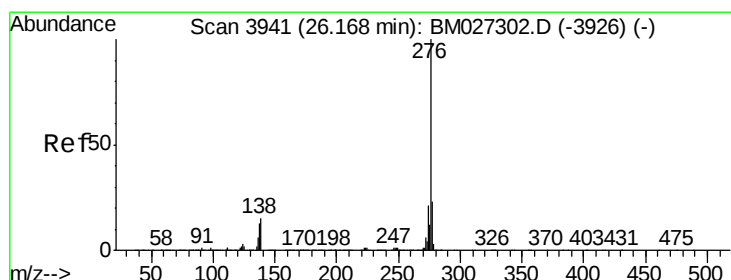
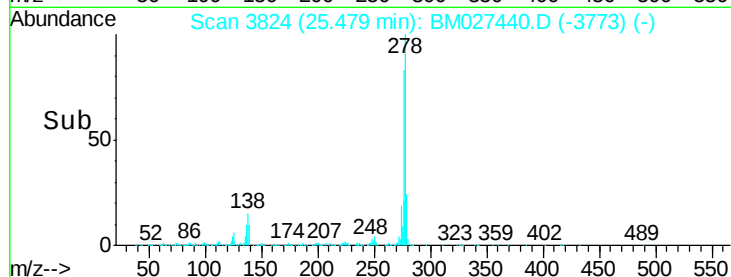
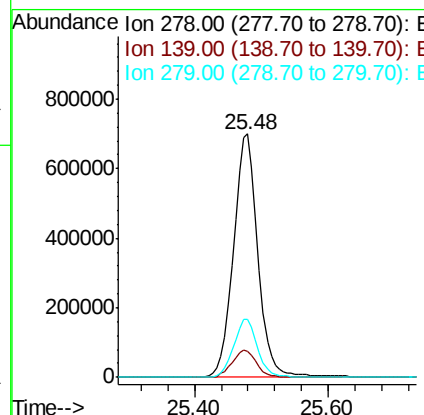
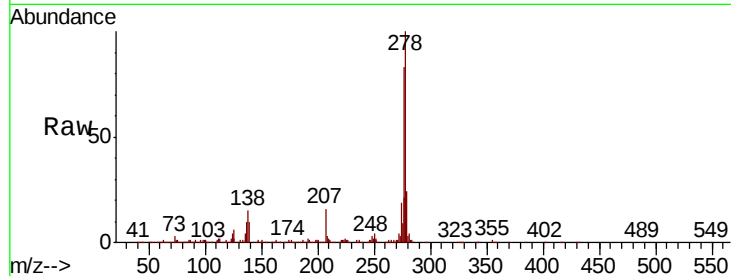
#91
Dibenzo(a,h)anthracene
Concen: 47.768 ng
RT: 25.48 min Scan# 3824
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Instrument :
BNA_M
ClientSampleId :
PB131588BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	9.0	13.6
279	23.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
9/18/2020 11:29:09 AM



#92
Benzo(g,h,i)perylene
Concen: 49.962 ng
RT: 26.12 min Scan# 3933
Delta R.T. -0.00 min
Lab File: BM027440.D
Acq: 16 Sep 2020 13:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	14.9	12.2	18.2

