

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002703.D
 Acq On : 09 Jul 2020 18:31
 Operator : CG/JU
 Sample : PB130070BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

Manual Integrations
 APPROVED

mohammad
 7/10/2020 11:52:13 AM

Quant Time: Jul 09 19:12:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	83801	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	396767	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	287342	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	704605	20.00	ng	0.00
76) Chrysene-d12	21.09	240	787182	20.00	ng	0.00
86) Perylene-d12	23.28	264	937041	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	859429	173.64	ng	0.00
7) Phenol-d6	6.77	99	1229752	178.01	ng	0.00
23) Nitrobenzene-d5	8.71	82	725392	94.20	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	483880	138.45	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1691753	86.66	ng	-0.01
79) Terphenyl-d14	19.56	244	3108698	85.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.13	88	77194	36.389	ng	99
3) Pyridine	3.52	79	252195	40.112	ng	98
4) n-Nitrosodimethylamine	3.43	42	118696	44.475	ng	# 86
6) Aniline	6.90	93	407691	46.977	ng	99
8) 2-Chlorophenol	7.14	128	322143	58.592	ng	96
9) Benzaldehyde	6.72	77	98638	25.135	ng	97
10) Phenol	6.79	94	457918	65.731	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	309997	54.215	ng	99
12) 1,3-Dichlorobenzene	7.46	146	296225	46.691	ng	99
13) 1,4-Dichlorobenzene	7.60	146	304814	47.159	ng	99
14) 1,2-Dichlorobenzene	7.92	146	297533	47.822	ng	100
15) Benzyl Alcohol	7.81	79	280703	54.076	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	423028	53.101	ng	99
17) 2-Methylphenol	8.03	107	294280	56.435	ng	97
18) Hexachloroethane	8.63	117	105965	45.424	ng	98
19) n-Nitroso-di-n-propylamine	8.37	70	250718	55.314	ng	97
20) 3+4-Methylphenols	8.36	107	404665	57.561	ng	97
22) Acetophenone	8.38	105	473567	47.156	ng	# 97
24) Nitrobenzene	8.75	77	379034	46.503	ng	100
25) Isophorone	9.27	82	735880	47.680	ng	98
26) 2-Nitrophenol	9.46	139	172132	46.306	ng	95
27) 2,4-Dimethylphenol	9.54	122	319374	56.700	ng	96
28) bis(2-Chloroethoxy)methane	9.76	93	450422	50.806	ng	100
29) 2,4-Dichlorophenol	10.00	162	335696	51.712	ng	97
30) 1,2,4-Trichlorobenzene	10.21	180	315888	43.223	ng	100
31) Naphthalene	10.39	128	986895	46.986	ng	100
32) Benzoic acid	9.70	122	180743	42.150	ng	96
33) 4-Chloroaniline	10.50	127	360050	39.190	ng	99
34) Hexachlorobutadiene	10.69	225	169051	37.791	ng	97
35) Caprolactam	11.26	113	140455	64.365	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	392625	55.183	ng	98
37) 2-Methylnaphthalene	12.01	142	751102	49.045	ng	97
38) 1-Methylnaphthalene	12.23	142	712534	49.401	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	371634	41.420	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	265161	57.895	nq	96
43) 2,4,6-Trichlorophenol	12.65	196	279001	45.957	nq	100
44) 2,4,5-Trichlorophenol	12.73	196	307398	43.986	nq	97
46) 1,1'-Biphenyl	13.04	154	969678	44.613	nq	98
47) 2-Chloronaphthalene	13.08	162	771478	43.603	nq	96
48) 2-Nitroaniline	13.29	65	279594	49.534	nq	94
49) Acenaphthylene	13.93	152	1296777	46.571	nq	99
50) Dimethylphthalate	13.68	163	1068702	47.354	nq	100
51) 2,6-Dinitrotoluene	13.80	165	242019	49.654	nq	93
52) Acenaphthene	14.28	154	760119	46.268	nq	97
53) 3-Nitroaniline	14.13	138	224936	42.383	nq	97
54) 2,4-Dinitrophenol	14.35	184	229805	75.961	nq	93
55) Dibenzofuran	14.62	168	1244031	46.726	nq	98
56) 4-Nitrophenol	14.47	139	443708	105.119	nq	90
57) 2,4-Dinitrotoluene	14.60	165	349733	53.339	nq	98
58) Fluorene	15.27	166	994630	49.053	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	292798	51.864	nq	97
60) Diethylphthalate	15.06	149	1101906	49.101	nq	100
61) 4-Chlorophenyl-phenylether	15.27	204	492745	45.314	nq	94
62) 4-Nitroaniline	15.30	138	301859	56.907	nq	88
63) Azobenzene	15.57	77	1118462	51.544	nq	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	200580	44.442	nq	97
66) n-Nitrosodiphenylamine	15.49	169	952682	46.316	nq	98
67) 4-Bromophenyl-phenylether	16.17	248	324701	41.008	nq	98
68) Hexachlorobenzene	16.29	284	360872	42.543	nq	96
69) Atrazine	16.46	200	332890	50.437	nq	99
70) Pentachlorophenol	16.64	266	409602	84.344	nq	96
71) Phenanthrene	17.02	178	1839378	48.519	nq	100
72) Anthracene	17.11	178	1876595	49.744	nq	99
73) Carbazole	17.39	167	1873469	51.386	nq	98
74) Di-n-butylphthalate	17.96	149	2073611	48.293	nq	99
75) Fluoranthene	19.00	202	2383288	51.936	nq	98
77) Benzidine	19.19	184	1515299	Below	Cal	98
78) Pyrene	19.36	202	2453950	45.799	nq	99
80) Butylbenzylphthalate	20.25	149	1062436	45.419	nq	99
81) Benzo(a)anthracene	21.07	228	2450166	47.610	nq	99
82) 3,3'-Dichlorobenzidine	21.00	252	811897	43.092	nq	# 99
83) Chrysene	21.12	228	2370233	48.030	nq	97
84) Bis(2-ethylhexyl)phthalate	21.02	149	1538704	45.809	nq	98
85) Di-n-octyl phthalate	21.88	149	2895617	48.807	nq	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	3575702	52.998	nq	97
88) Benzo(b)fluoranthene	22.63	252	2764194	46.230	nq	99
89) Benzo(k)fluoranthene	22.67	252	2794221m	50.094	nq	
90) Benzo(a)pyrene	23.19	252	2680278	48.849	nq	98
91) Dibenzo(a,h)anthracene	25.51	278	2893770	52.489	nq	98
92) Benzo(g,h,i)perylene	26.17	276	3025569	54.874	nq	99

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

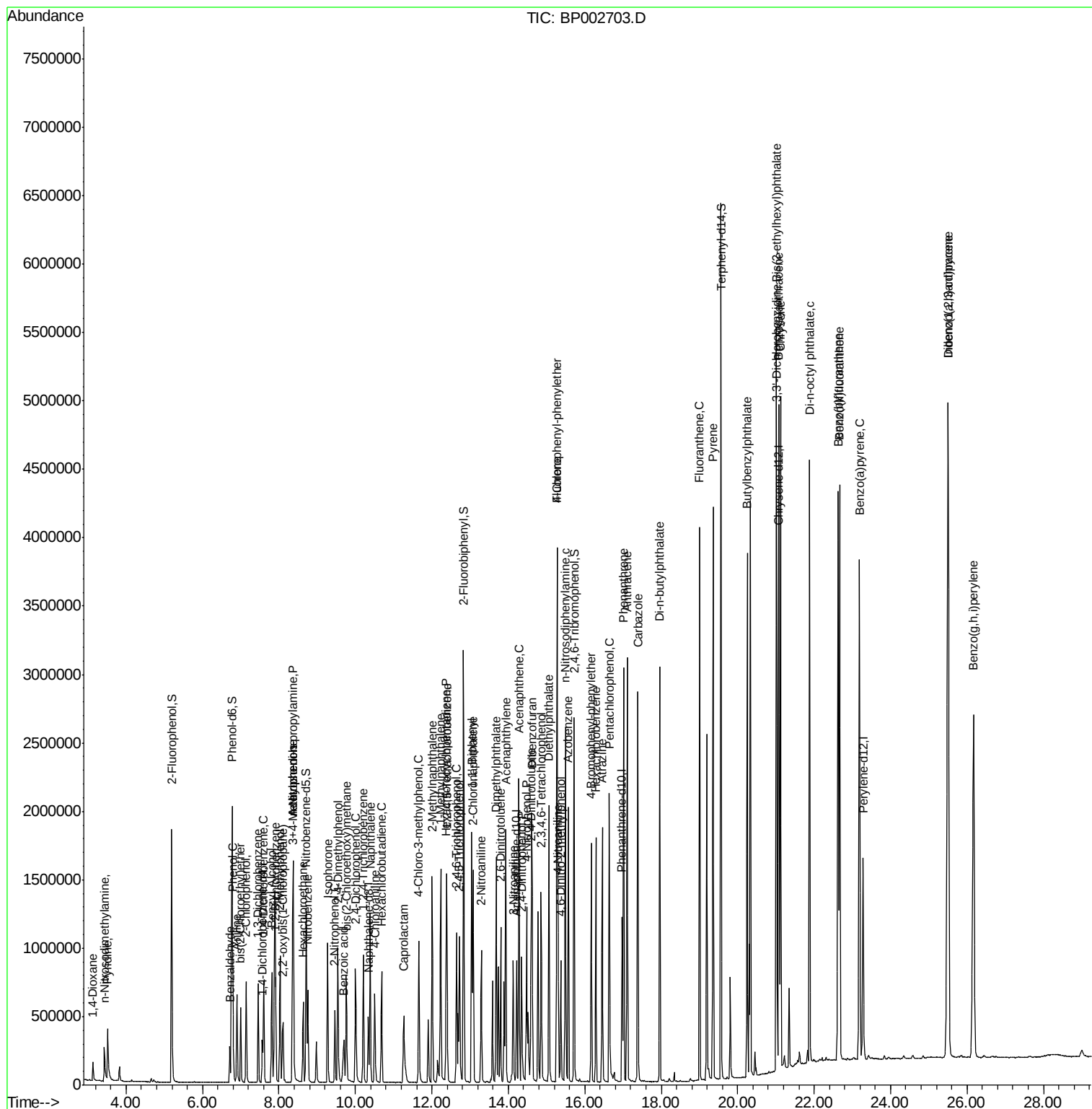
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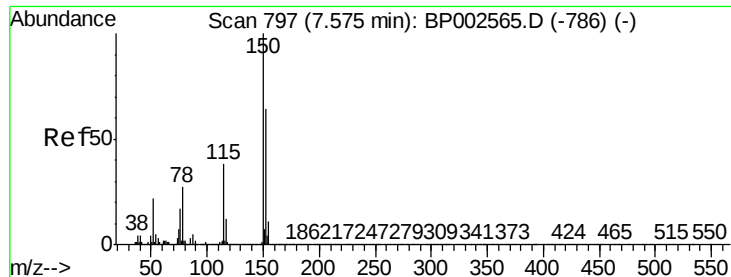
Instrument :
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ClientSampleId :
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#1

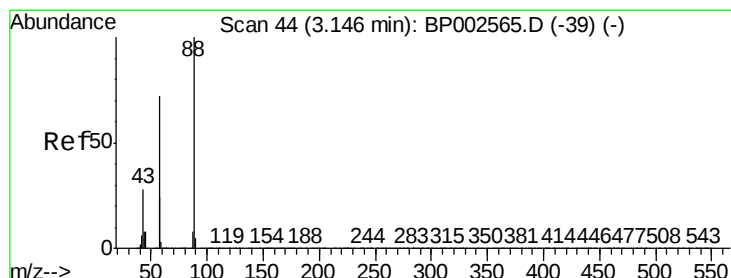
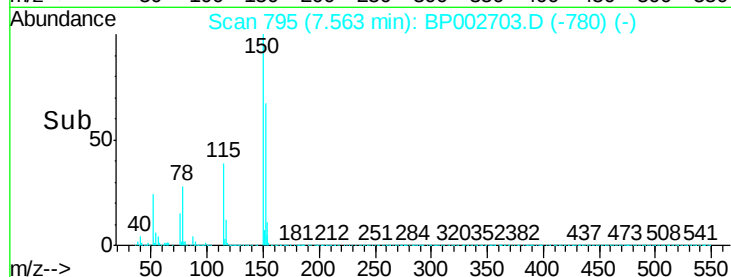
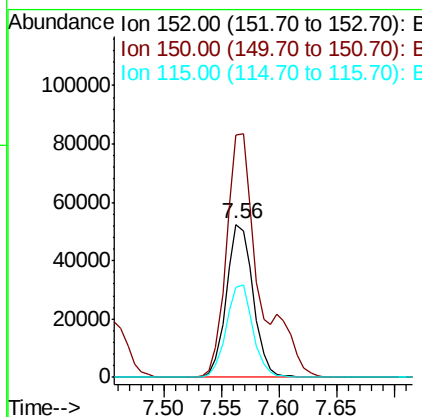
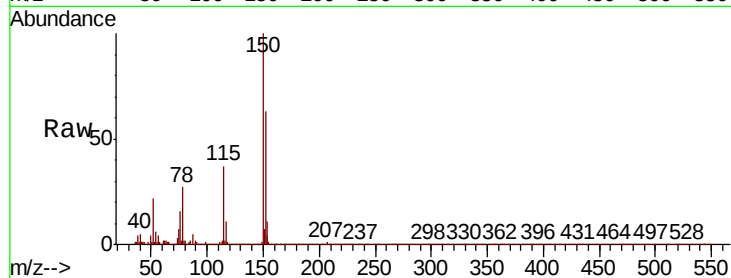
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleID :
PB130070BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.2	186.2
115	58.5	47.1	70.7

Manual Integrations
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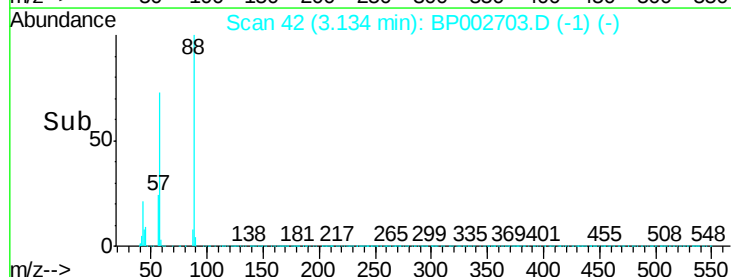
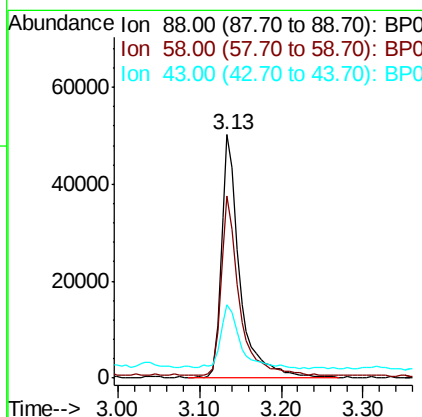
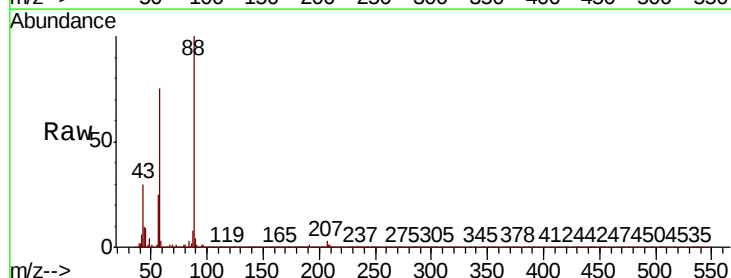
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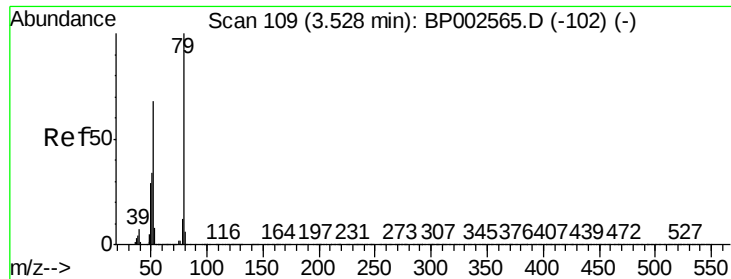


#2

1,4-Dioxane
Concen: 36.389 ng
RT: 3.13 min Scan# 42
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.3	58.1	87.1
43	27.7	23.2	34.8





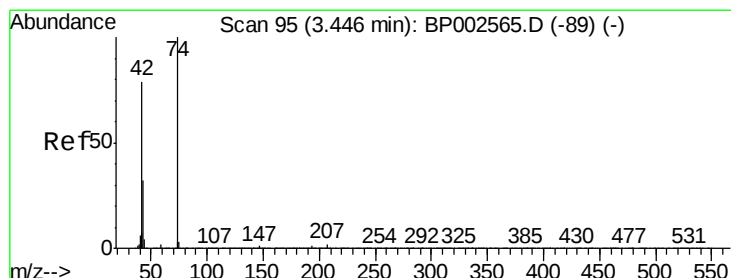
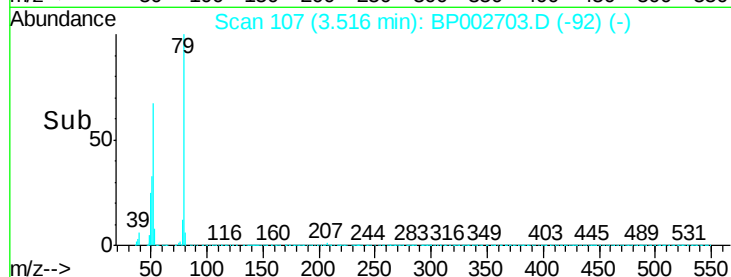
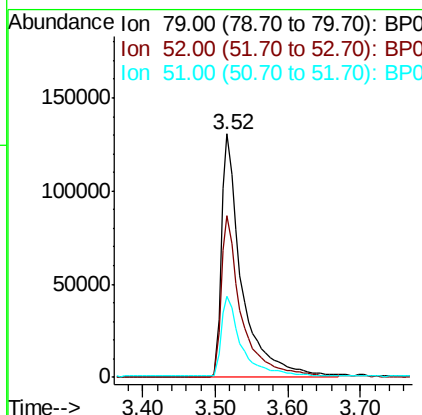
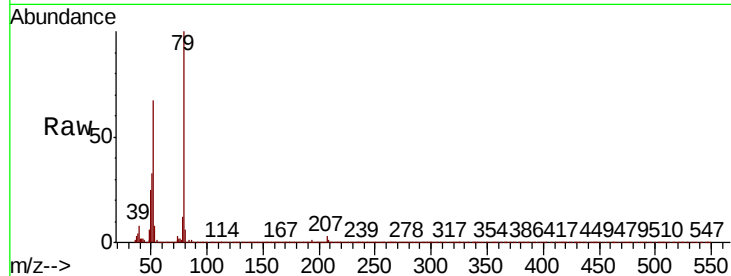
#3
 Pvridine
 Concen: 40.112 ng
 RT: 3.52 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Instrument :
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 ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	252195		
52	52	66.6		54.5	81.7
51	51	33.2		27.8	41.6

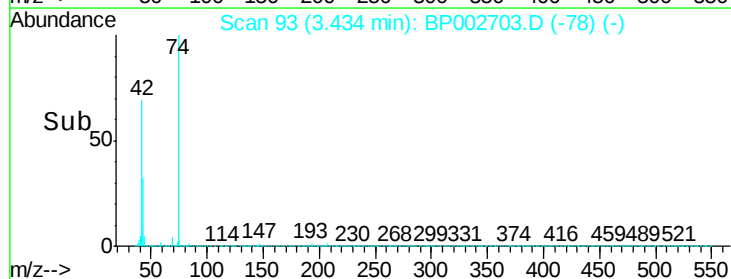
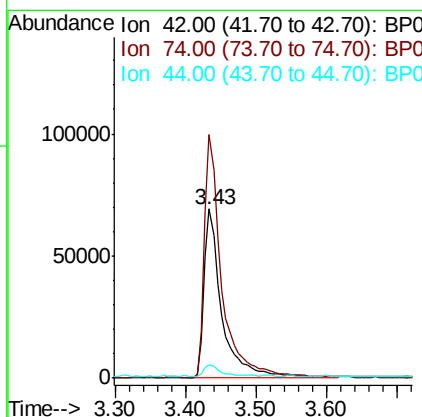
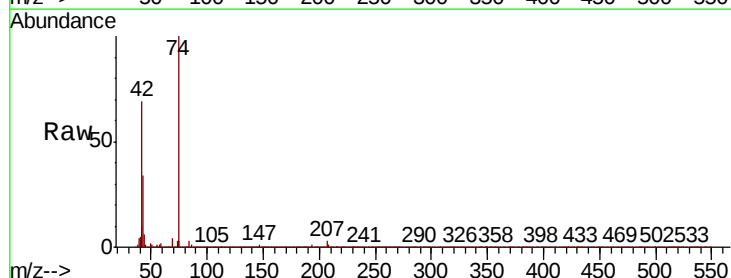
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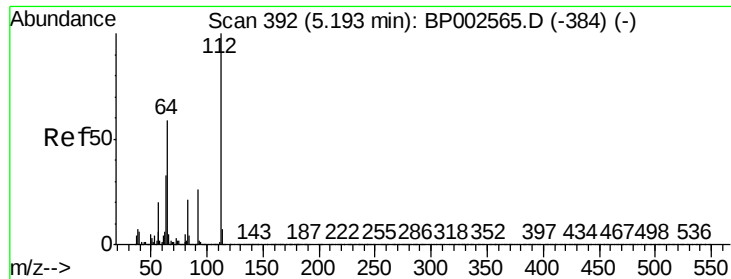
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#4
 n-Nitrosodimethylamine
 Concen: 44.475 ng
 RT: 3.43 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	118696		
74	74	144.1		101.7	152.5
44	44	8.2		4.9	7.3#





#5

2-Fluorophenol

Concen: 173.639 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

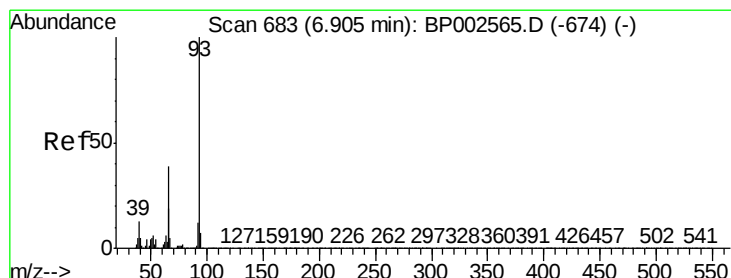
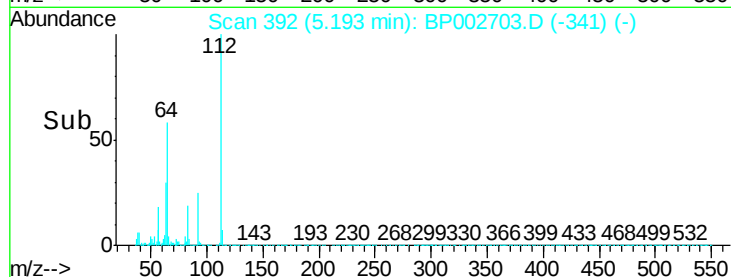
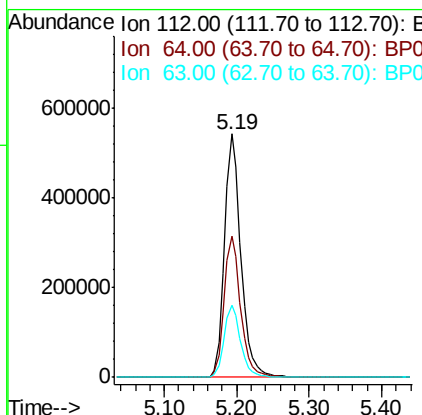
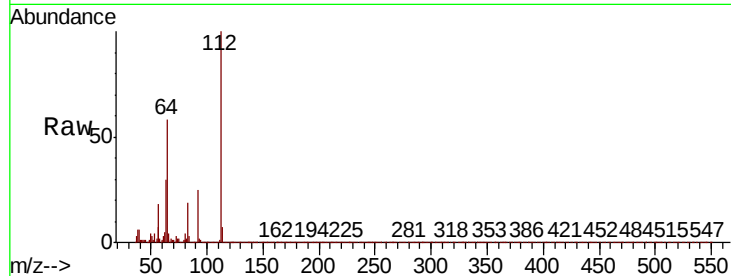
ClientSampleId :

PB130070BS

Tot Ion:	112	Resp:	859429
Ion Ratio	Lower	Upper	
112	100		
64	58.2	47.0	70.6
63	29.6	26.1	39.1

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#6

Aniline

Concen: 46.977 ng

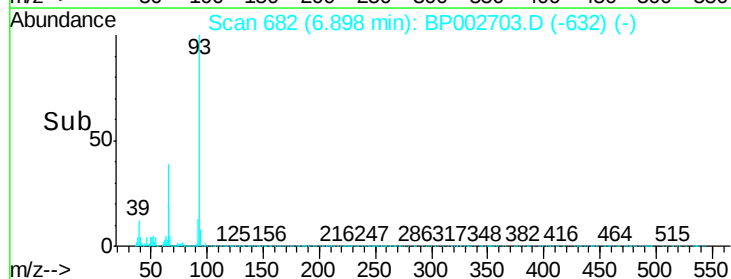
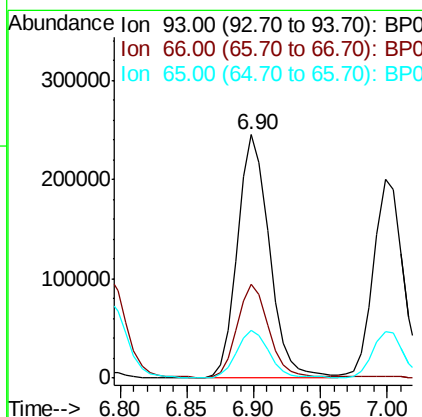
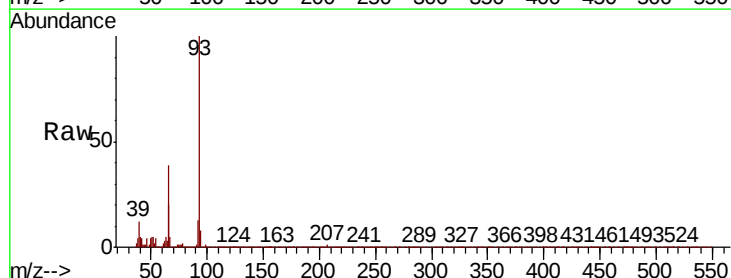
RT: 6.90 min Scan# 682

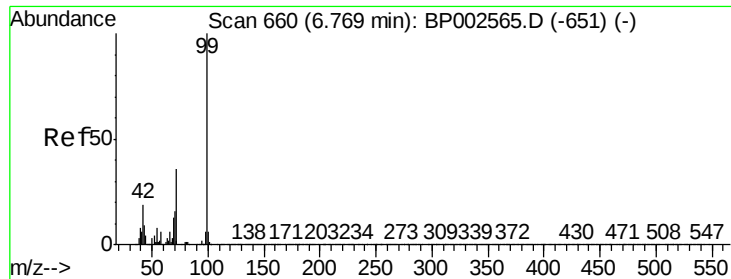
Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Tgt Ion:	93	Resp:	407691
Ion Ratio	Lower	Upper	
93	100		
66	38.6	31.6	47.4
65	19.8	15.7	23.5





#7

Phenol-d6

Concen: 178.012 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002703.D

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BNA_P

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PB130070BS

Tot Ion: 99 Resp: 1229752

Ion Ratio Lower Upper

99 100

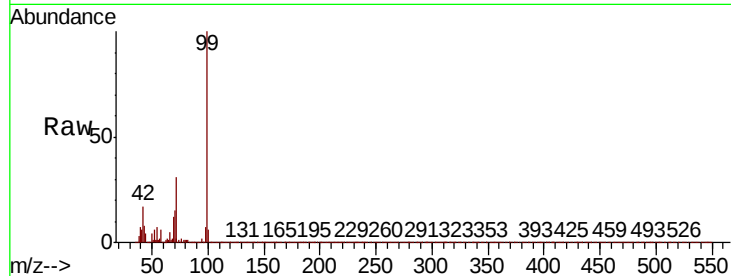
42 17.0 15.5 23.3

71 31.2 28.9 43.3

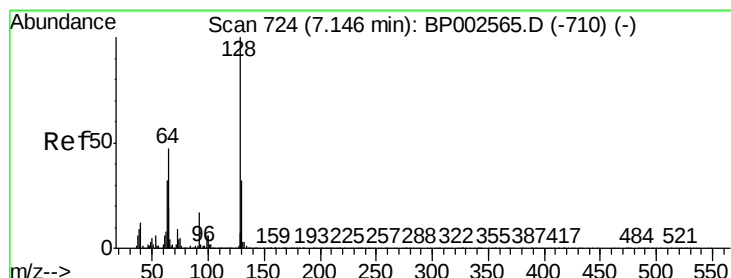
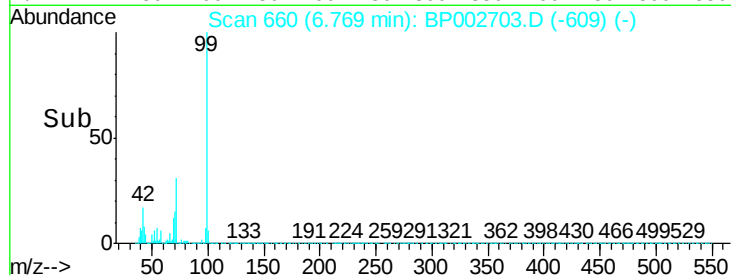
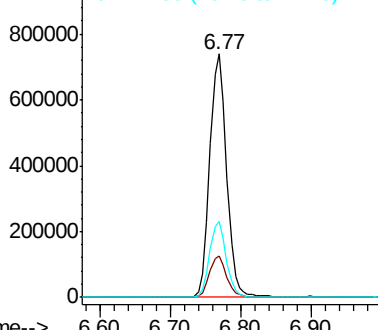
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Abundance Ion 99.00 (98.70 to 99.70): BP0
1000000 Ion 42.00 (41.70 to 42.70): BP0
800000 Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 58.592 ng

RT: 7.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

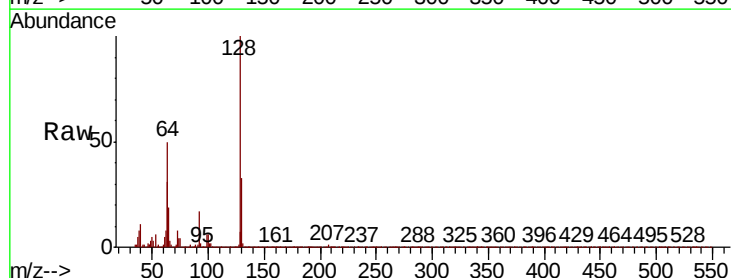
Tgt Ion: 128 Resp: 322143

Ion Ratio Lower Upper

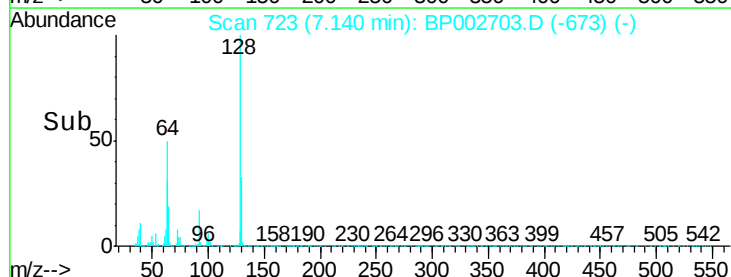
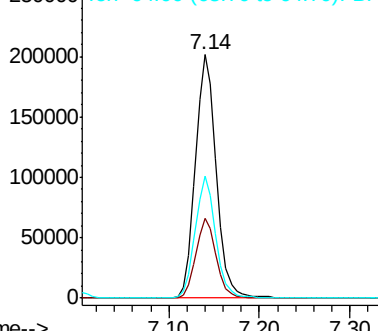
128 100

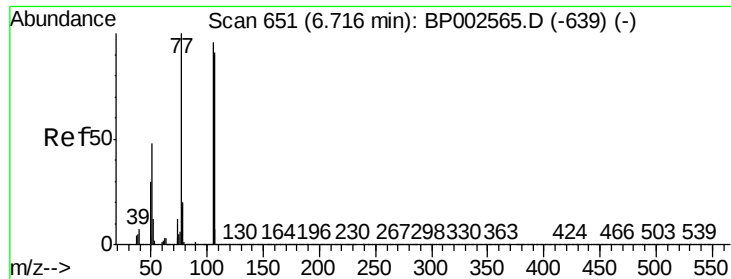
130 32.6 11.8 51.8

64 50.3 26.9 66.9



Abundance Ion 128.00 (127.70 to 128.70): E
250000 Ion 130.00 (129.70 to 130.70): E
200000 Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 25.135 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP002703.D

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Instrument :

BNA_P

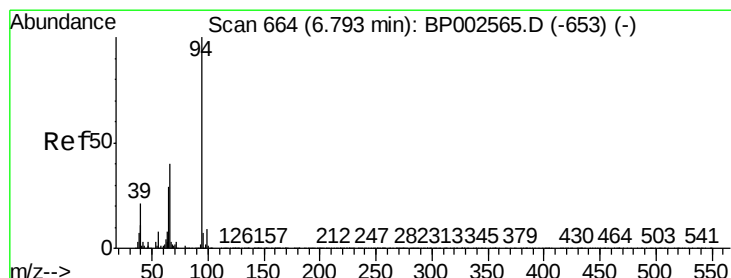
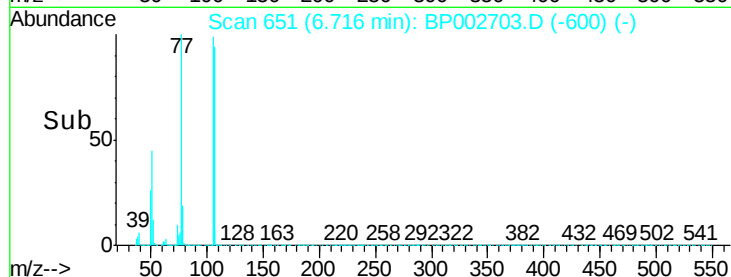
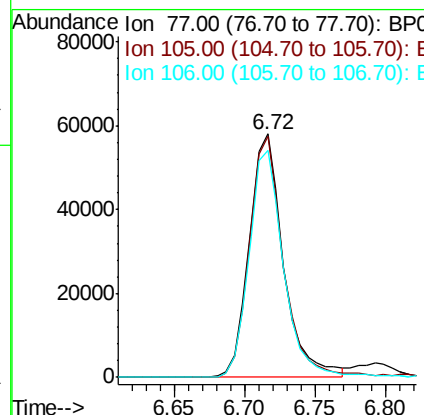
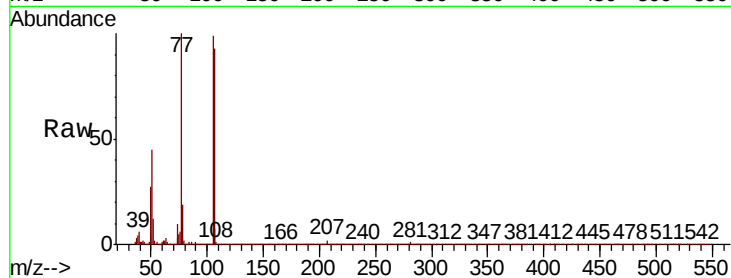
ClientSampleId :

PB130070BS

Tot Ion:	77	Resp:	98638
Ion	Ratio	Lower	Upper
77	100		
105	99.1	76.5	116.5
106	93.4	70.9	110.9

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#10

Phenol

Concen: 65.731 ng

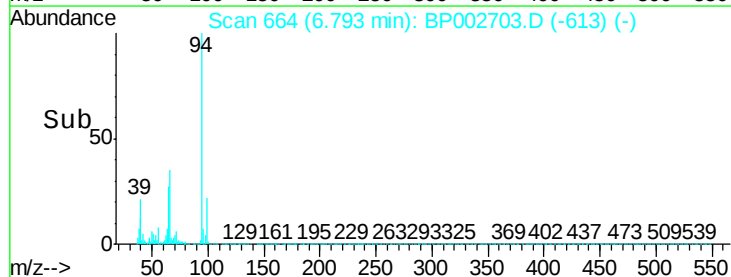
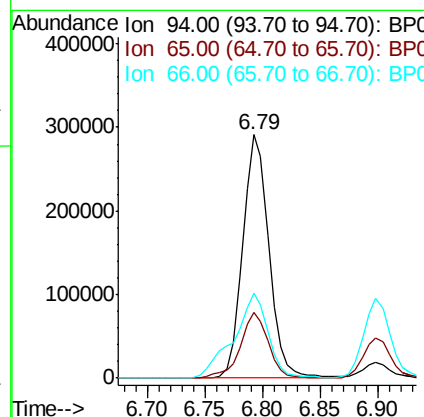
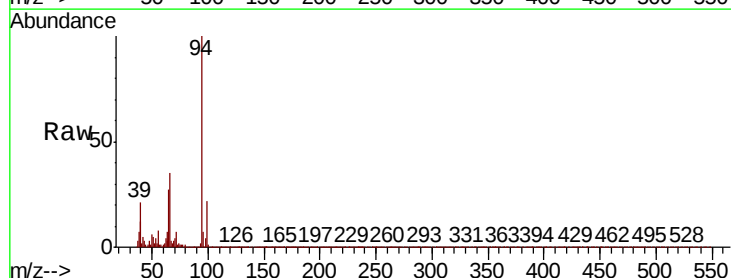
RT: 6.79 min Scan# 664

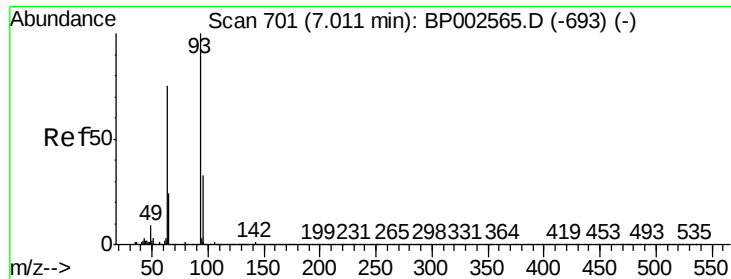
Delta R.T. -0.00 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Tgt Ion:	94	Resp:	457918
Ion	Ratio	Lower	Upper
94	100		
65	26.8	8.8	48.8
66	35.1	19.9	59.9





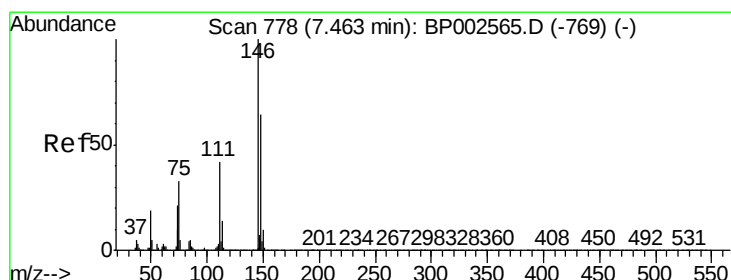
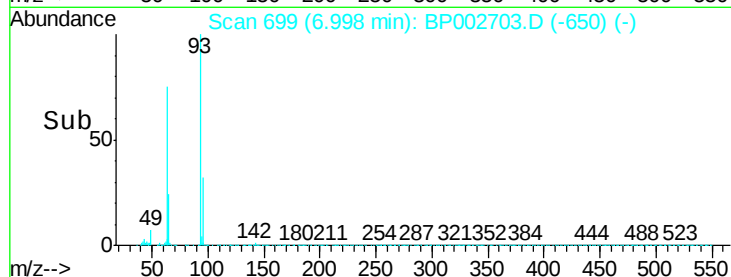
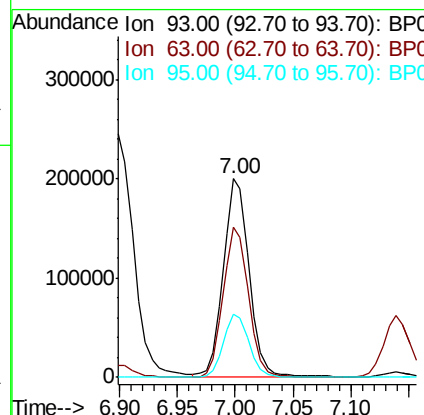
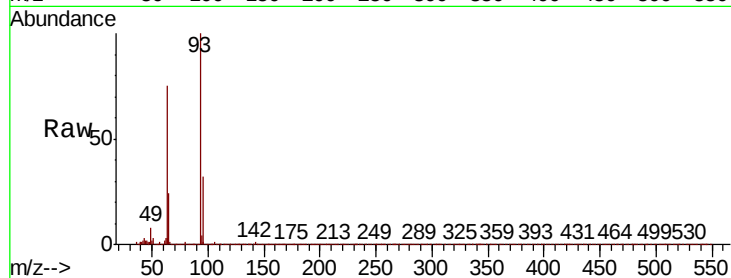
#11
bis(2-Chloroethyl)ether
Concen: 54.215 ng
RT: 7.00 min Scan# 699
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		309997		
63	75.5	54.5		94.5	
95	31.9	13.1		53.1	

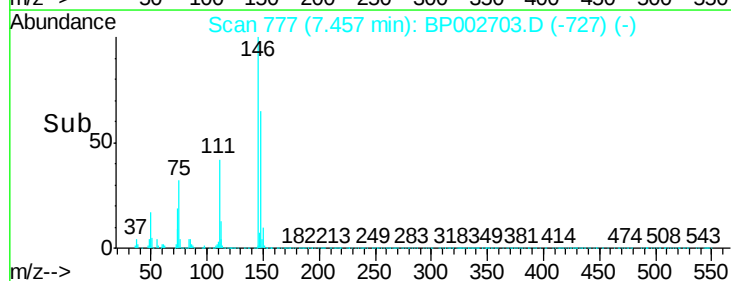
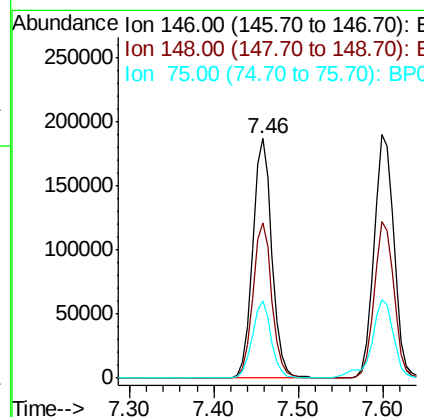
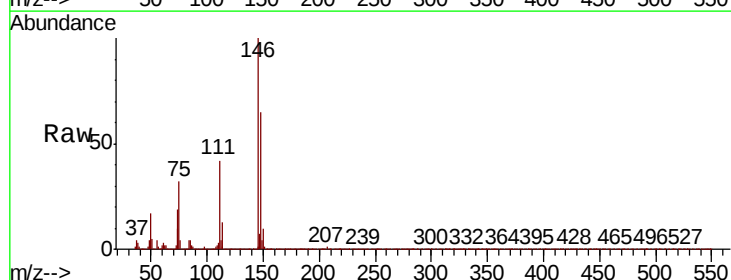
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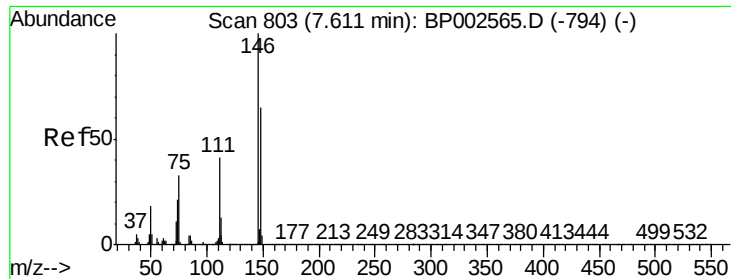
mohammad
7/10/2020 11:52:13 AM



#12
1,3-Dichlorobenzene
Concen: 46.691 ng
RT: 7.46 min Scan# 777
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		296225		
148	65.0	51.3		76.9	
75	32.3	26.1		39.1	





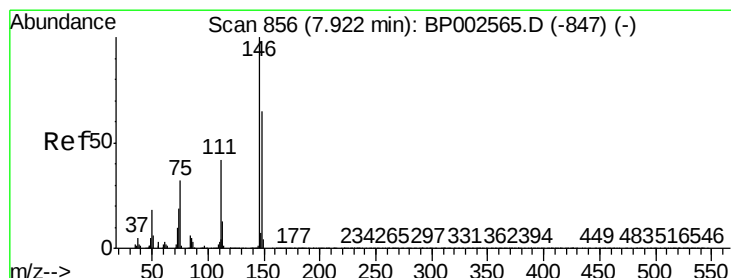
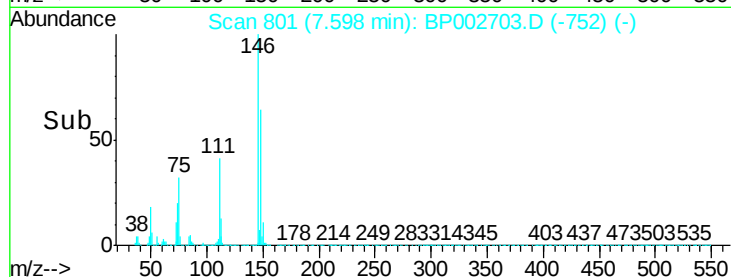
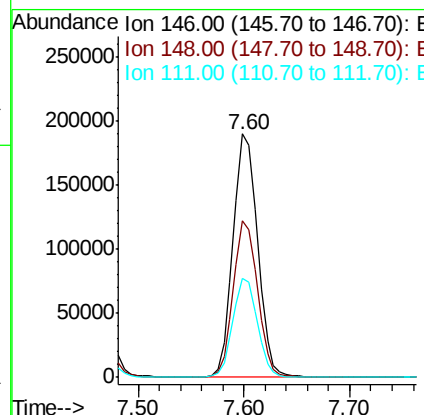
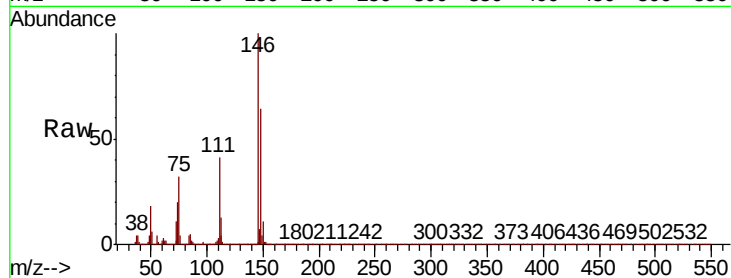
#13
1,4-Dichlorobenzene
Concen: 47.159 ng
RT: 7.60 min Scan# 801
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	40.6	32.8	49.2

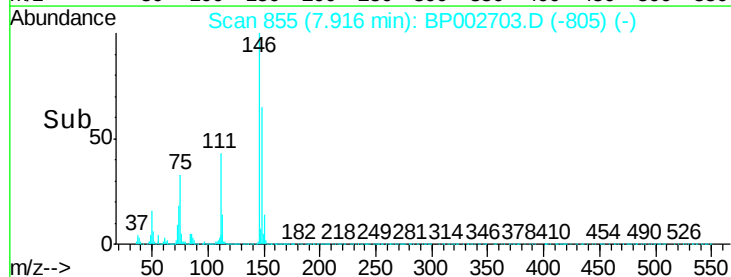
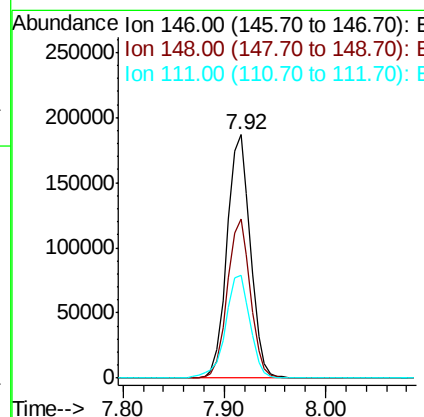
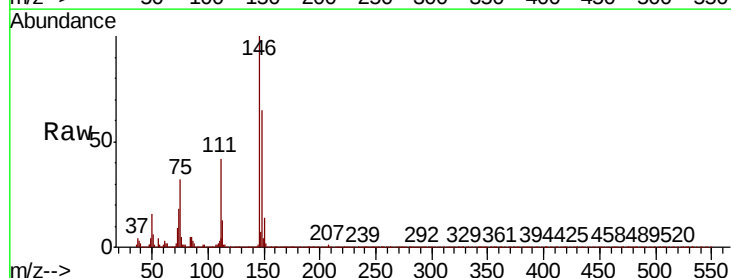
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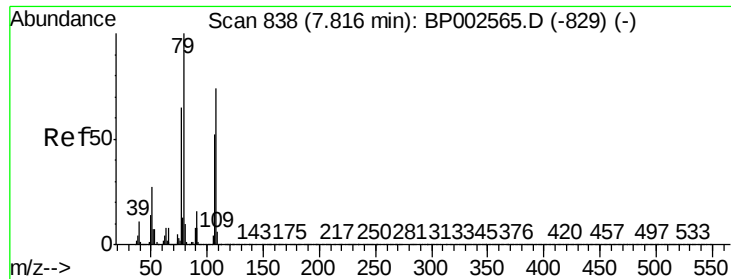
mohammad
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#14
1,2-Dichlorobenzene
Concen: 47.822 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	42.3	34.1	51.1





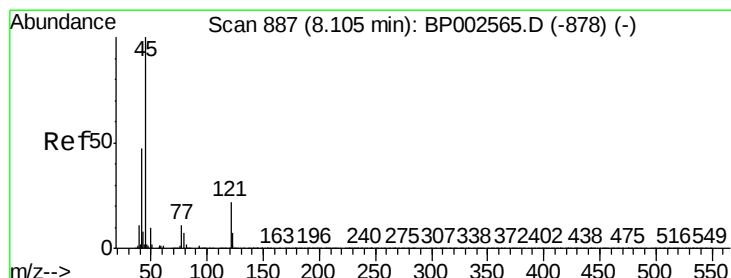
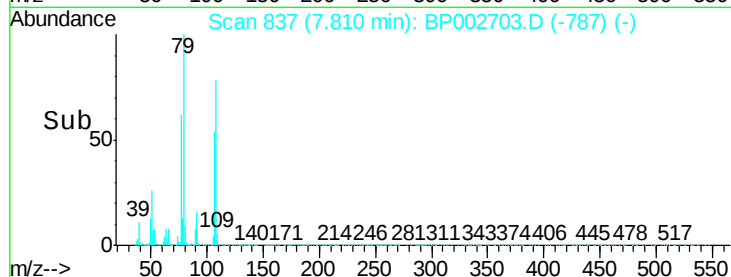
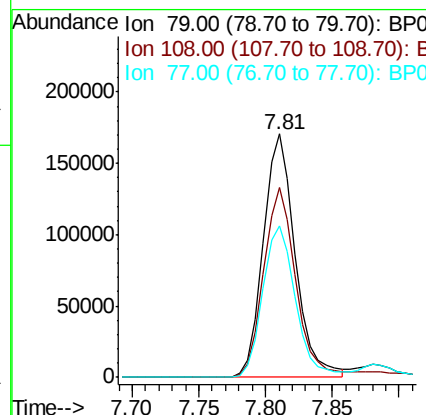
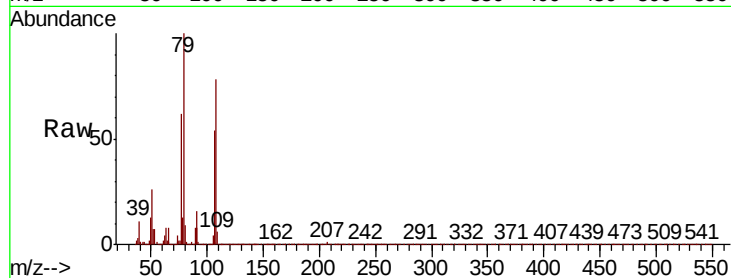
#15
Benzyl Alcohol
Concen: 54.076 ng
RT: 7.81 min Scan# 837
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleID :
PB130070BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	59.4	89.2
77	62.3	51.9	77.9

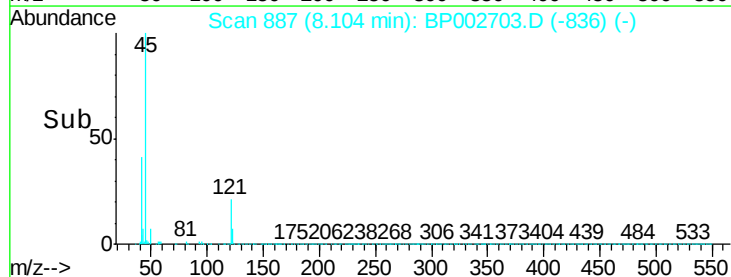
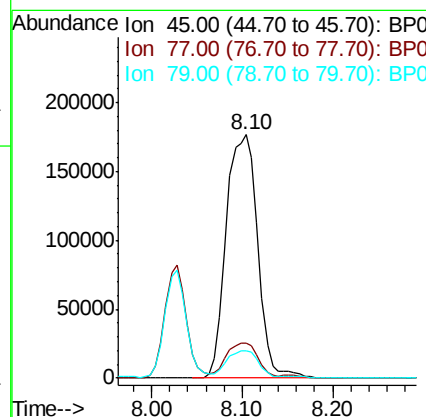
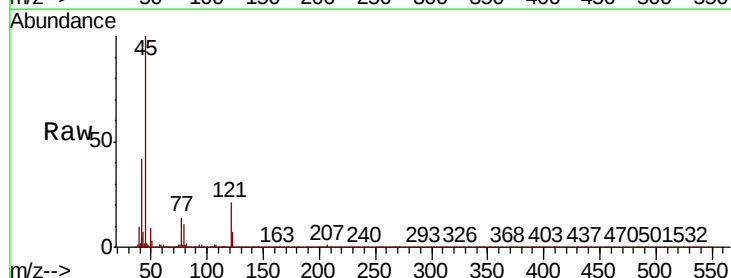
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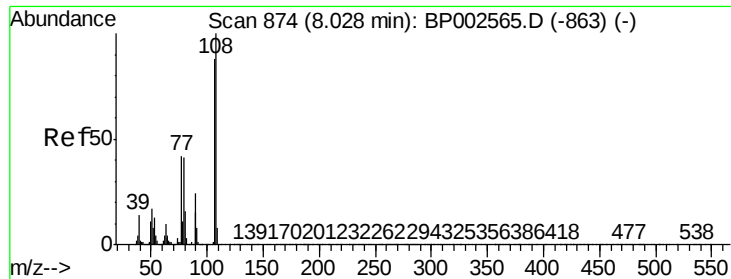
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.101 ng
RT: 8.10 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.2	0.0	35.0
79	11.1	0.0	31.1





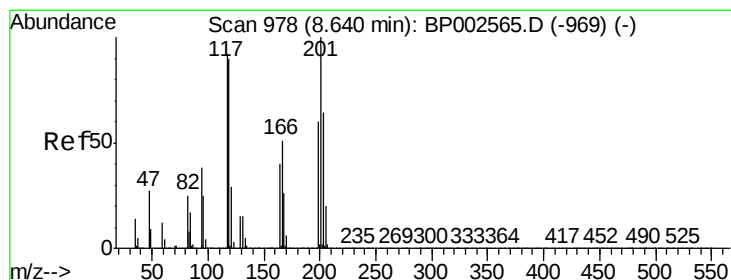
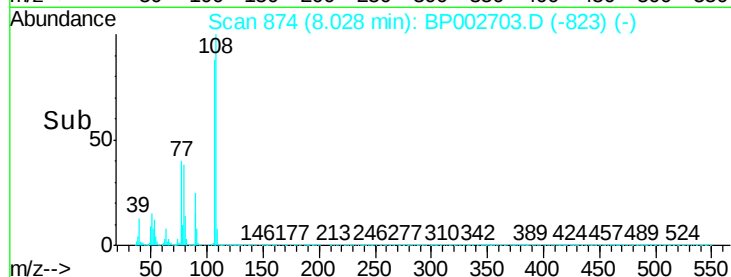
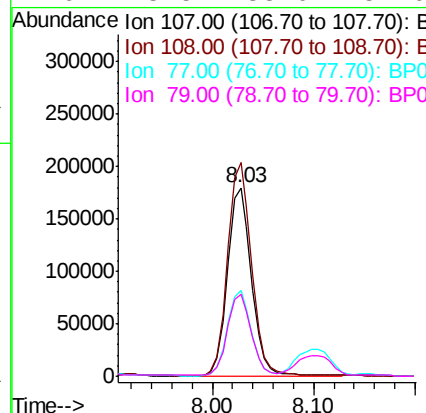
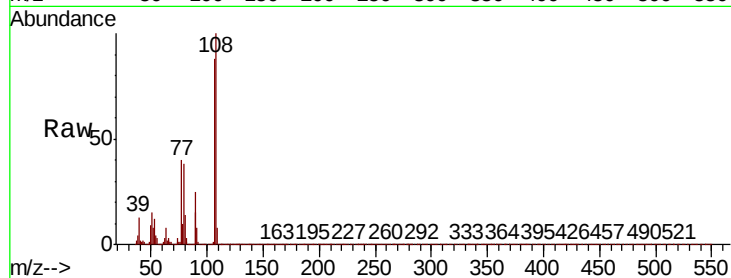
#17
2-Methylphenol
Concen: 56.435 ng
RT: 8.03 min Scan# 874
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	91.4	137.0	
77	45.7	38.7	58.1	
79	43.5	38.0	57.0	

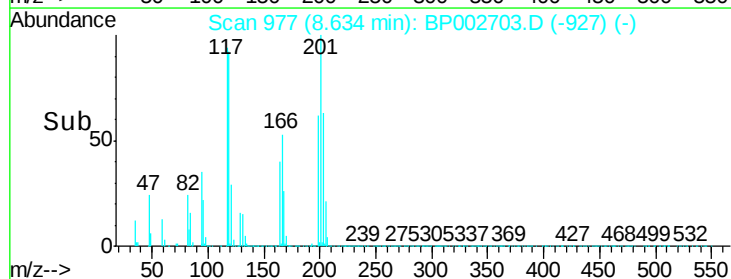
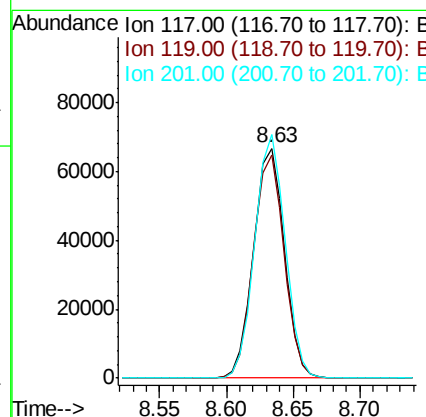
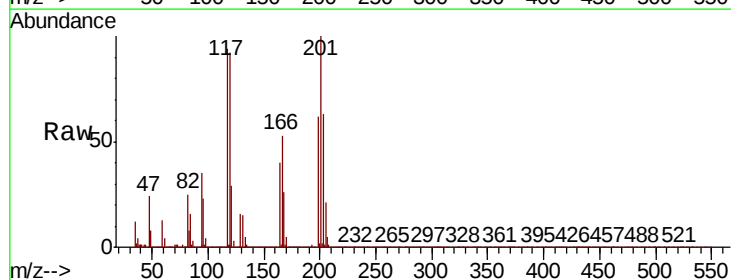
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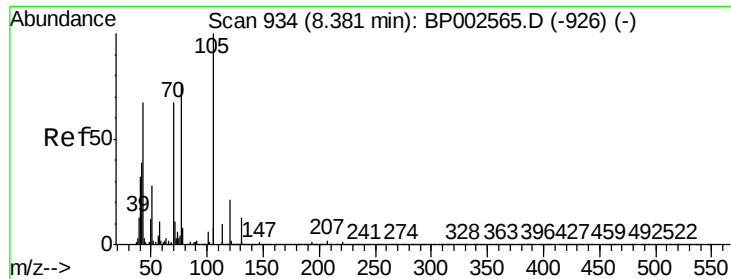
mohammad
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#18
Hexachloroethane
Concen: 45.424 ng
RT: 8.63 min Scan# 977
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	78.2	117.4	
201	105.9	87.0	130.6	





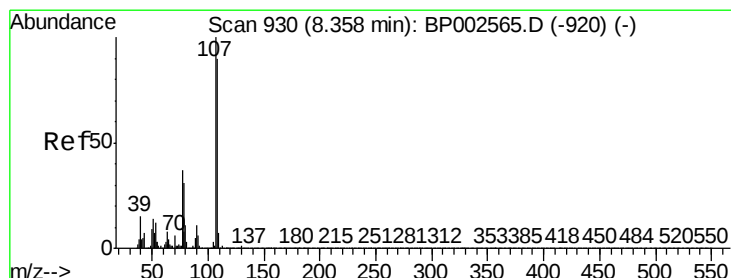
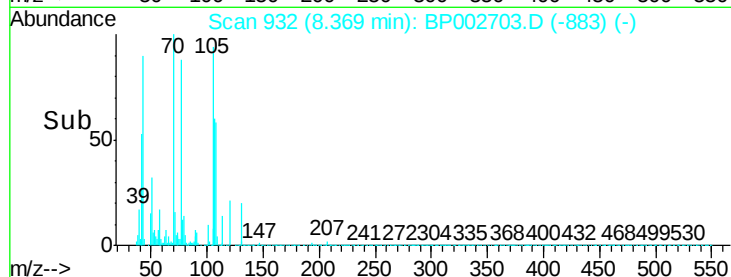
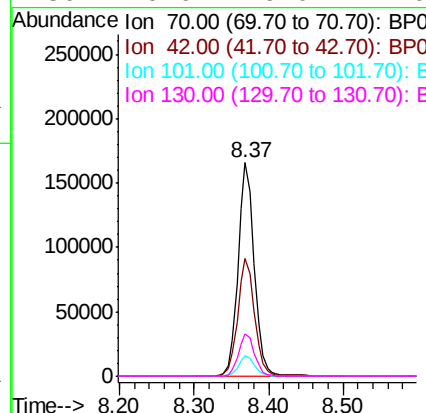
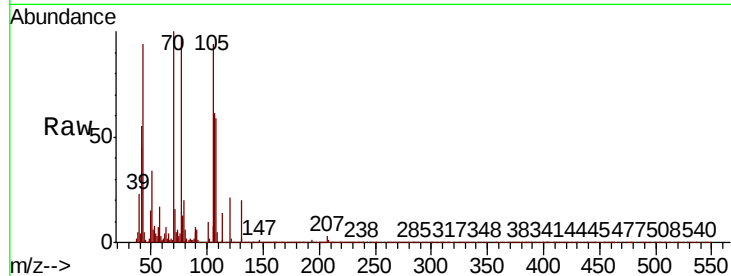
#19
n-Nitroso-di-n-propylamine
Concen: 55.314 ng
RT: 8.37 min Scan# 932
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	55.4	46.7	70.1		
101	9.7	7.5	11.3		
130	19.9	16.0	24.0		

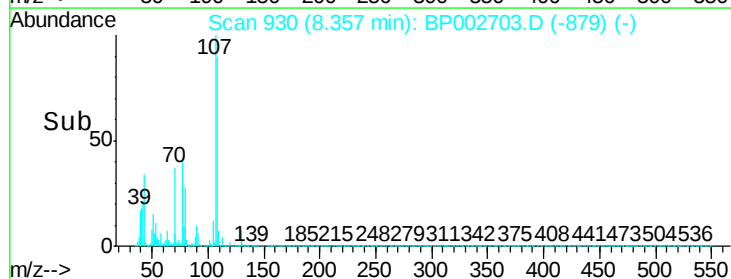
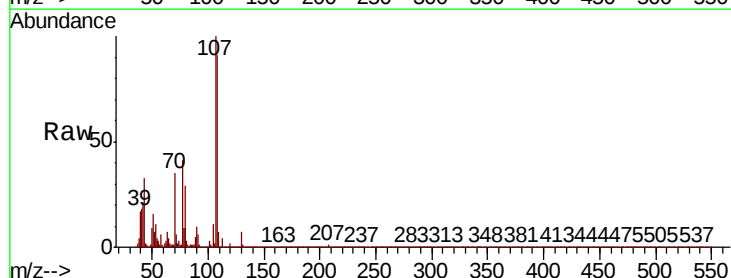
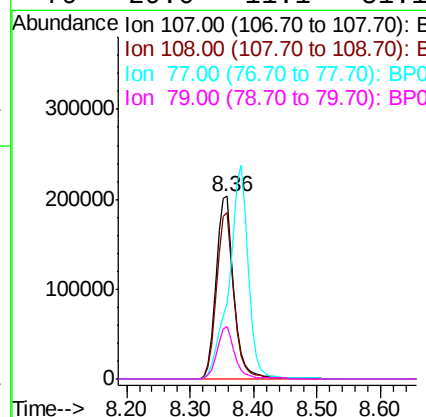
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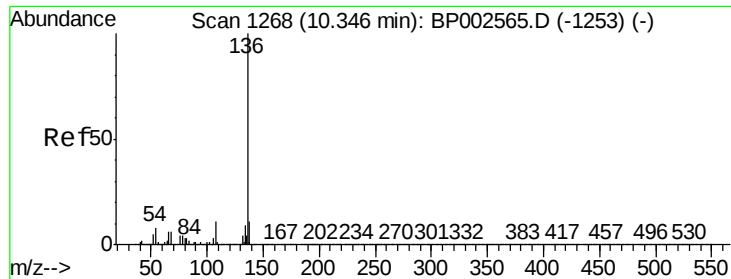
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#20
3+4-Methylphenols
Concen: 57.561 ng
RT: 8.36 min Scan# 930
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.3	70.4	110.4		
77	41.2	16.7	56.7		
79	29.0	11.1	51.1		





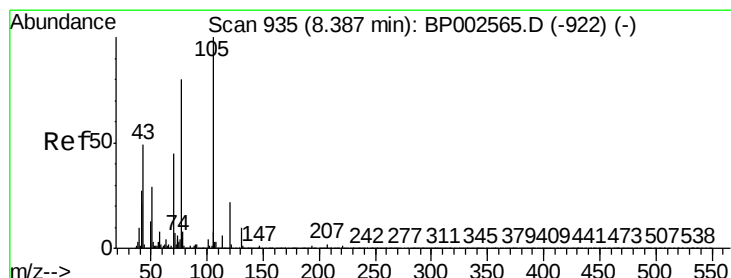
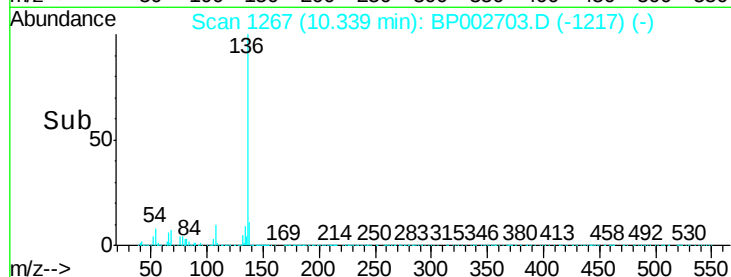
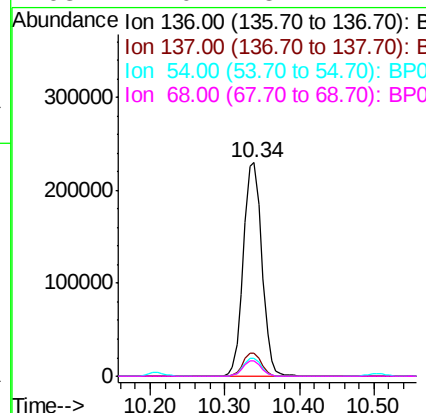
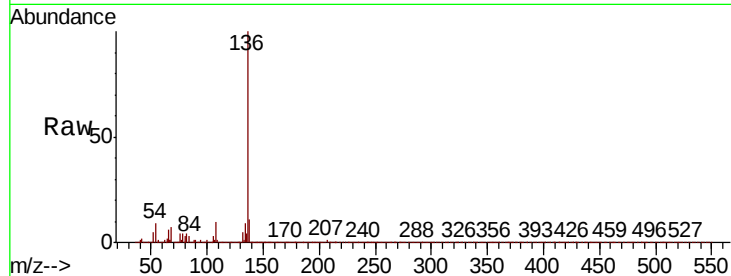
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		396767		
137	11.1	8.8	13.2		
54	8.6	6.4	9.6		
68	7.0	5.1	7.7		

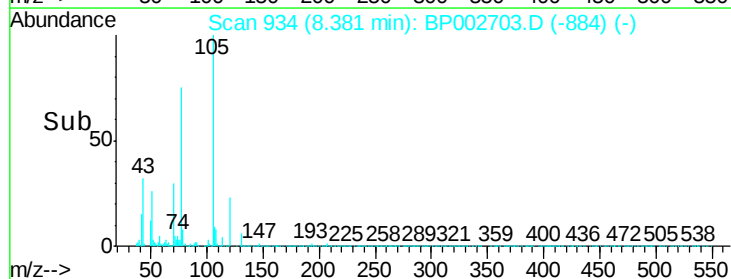
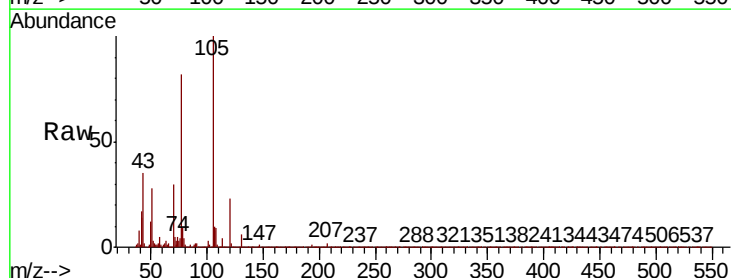
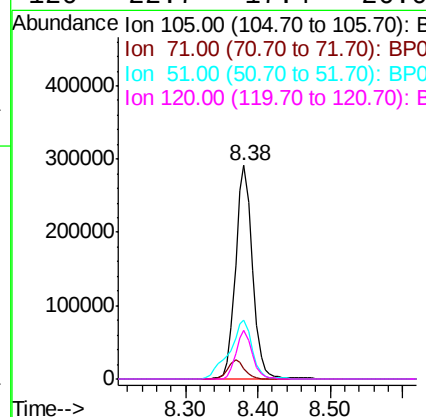
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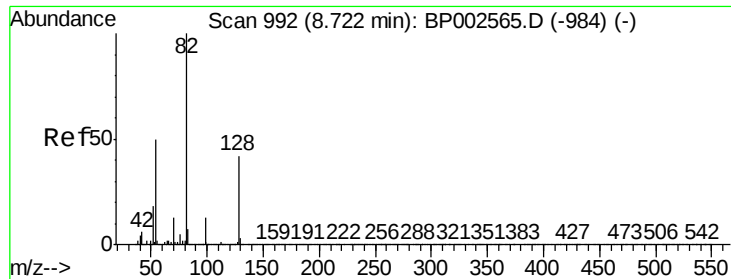
mohammad
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#22
Acetophenone
Concen: 47.156 ng
RT: 8.38 min Scan# 934
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		473567		
71	4.9	5.8	8.8#		
51	27.6	23.3	34.9		
120	22.7	17.4	26.0		





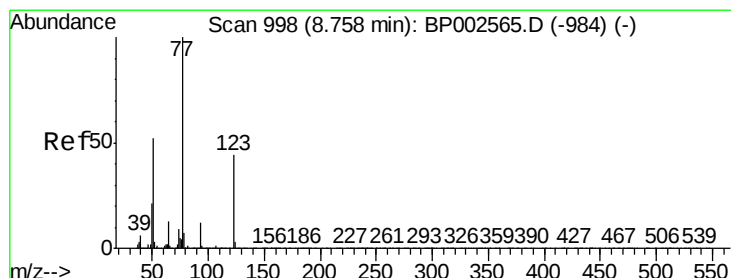
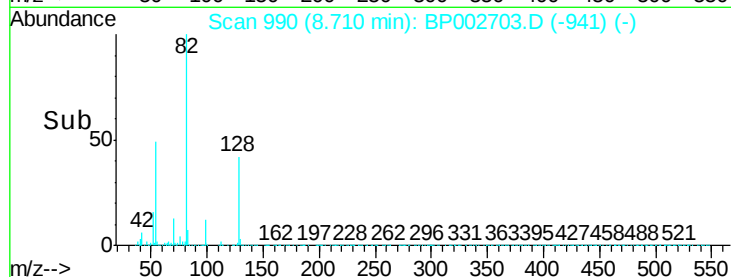
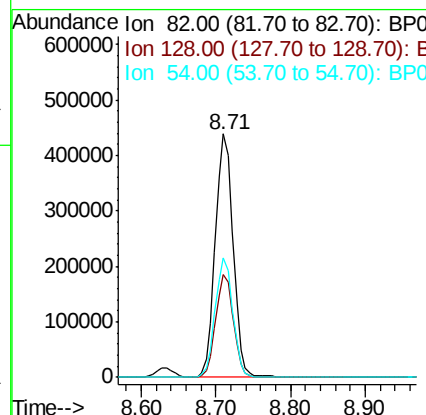
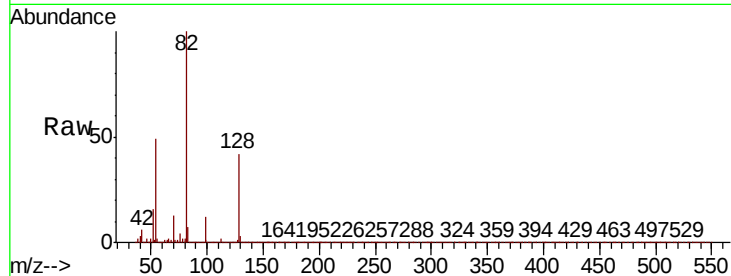
#23
Nitrobenzene-d5
Concen: 94.201 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.4	50.2
54	49.1	40.1	60.1

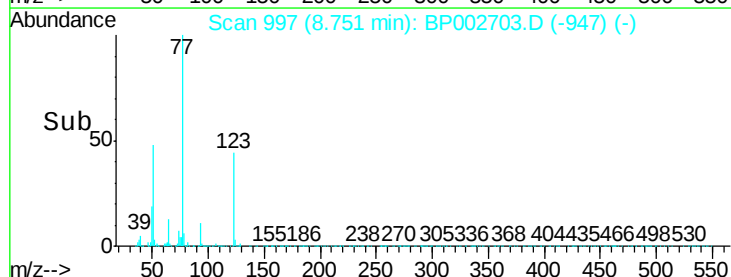
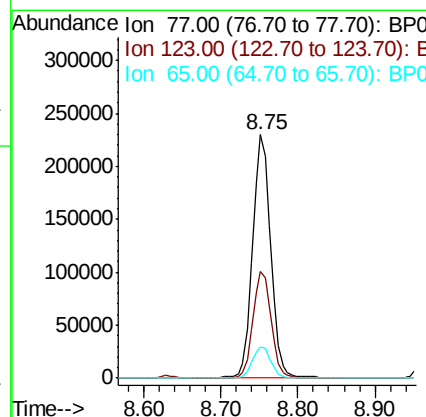
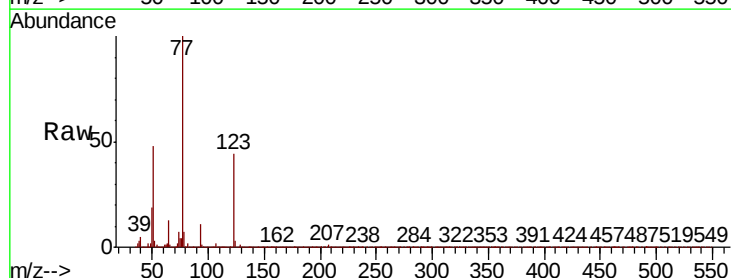
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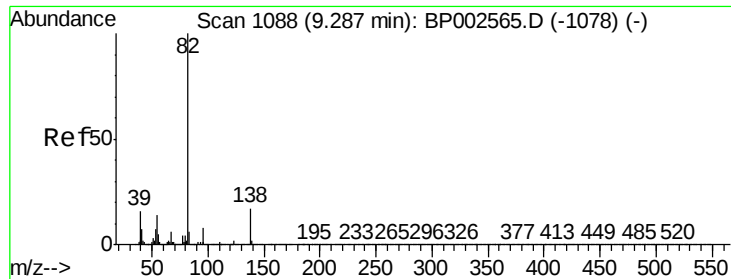
mohammad
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#24
Nitrobenzene
Concen: 46.503 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	35.3	52.9
65	13.0	10.6	16.0





#25

Isophorone

Concen: 47.680 ng

RT: 9.27 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

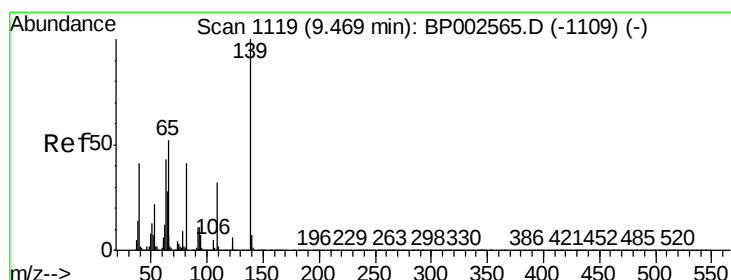
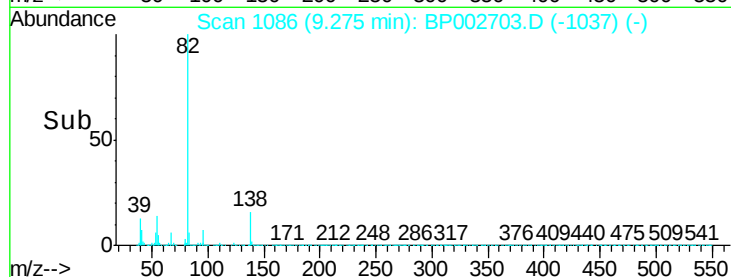
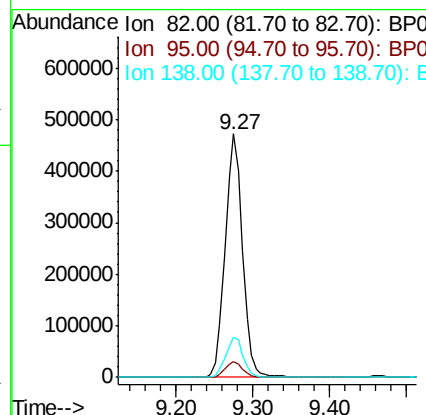
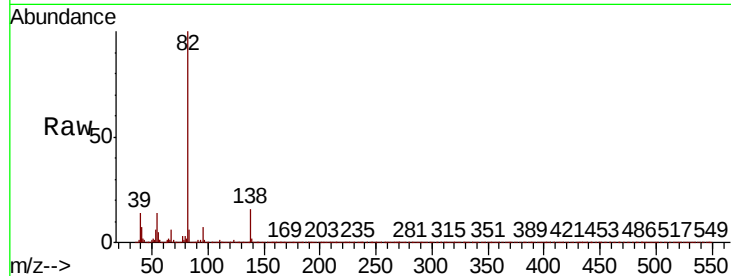
ClientSampleId :

PB130070BS

Tot Ion:	82	Resp:	735880
Ion Ratio	Lower	Upper	
82	100		
95	6.5	6.0	9.0
138	16.4	13.8	20.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.306 ng

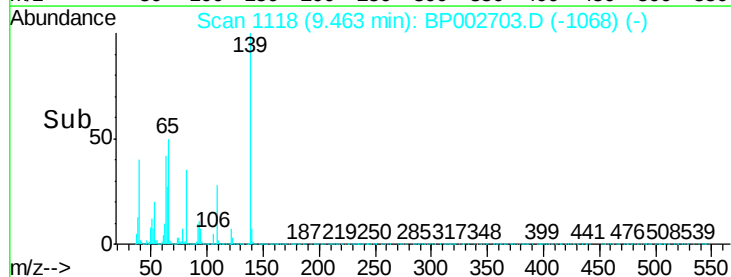
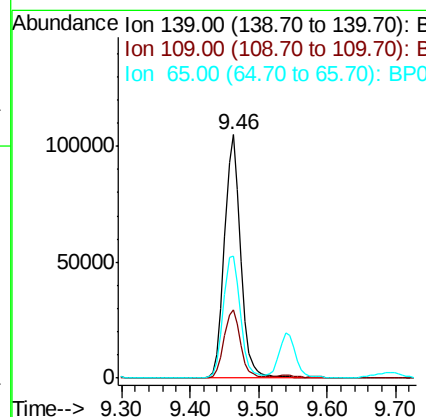
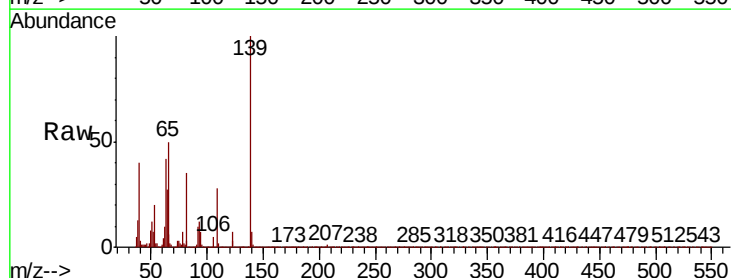
RT: 9.46 min Scan# 1118

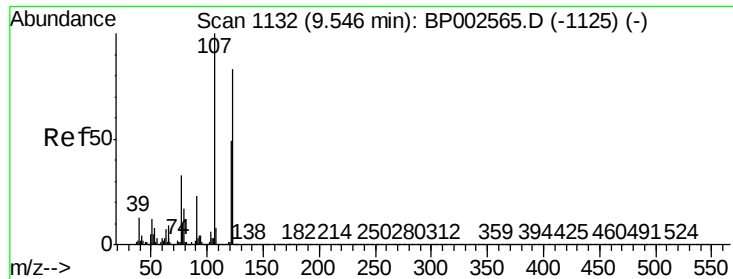
Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Tgt Ion:	139	Resp:	172132
Ion Ratio	Lower	Upper	
139	100		
109	28.2	26.0	39.0
65	50.1	41.9	62.9





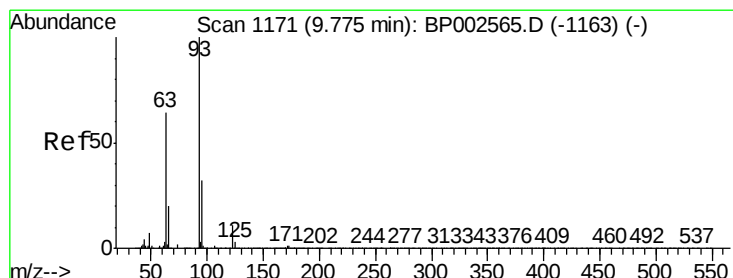
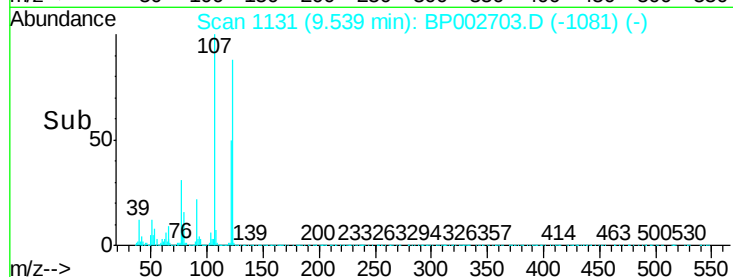
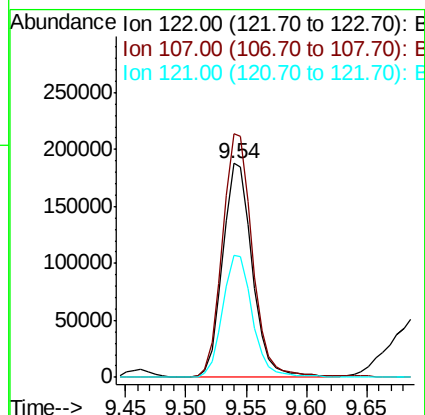
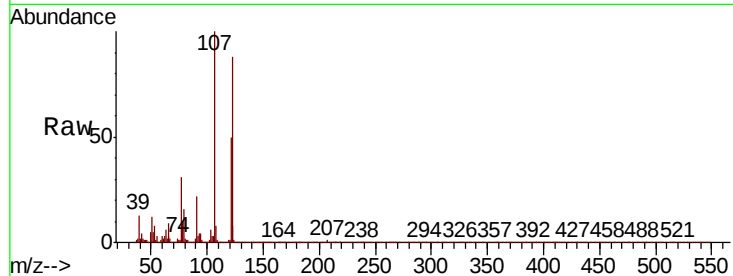
#27
2,4-Dimethylphenol
Concen: 56.700 ng
RT: 9.54 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampled :
PB130070BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	95.9	143.9
121	57.0	47.0	70.6

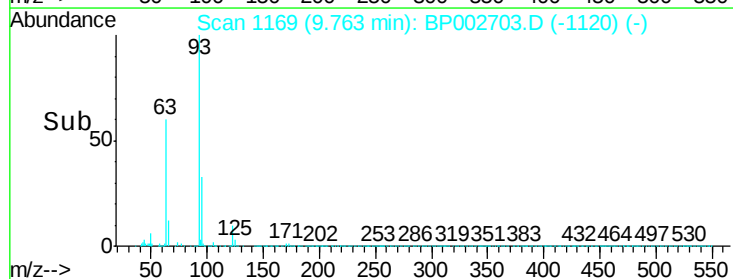
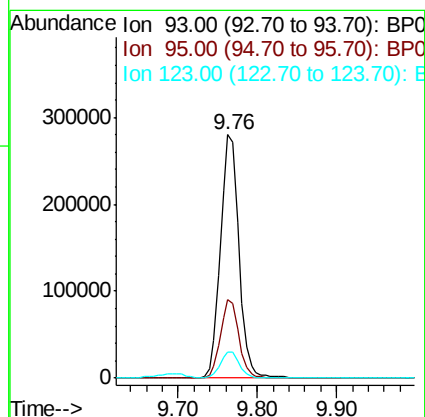
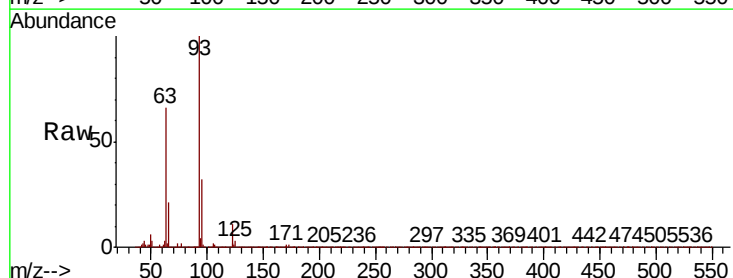
Manual Integrations
APPROVED

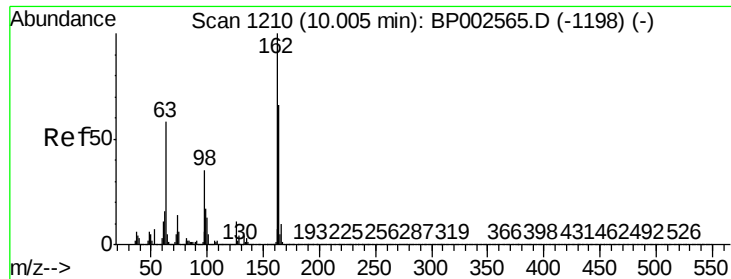
mohammad
7/10/2020 11:52:13 AM



#28
bis(2-Chloroethoxy)methane
Concen: 50.806 ng
RT: 9.76 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	10.7	8.7	13.1





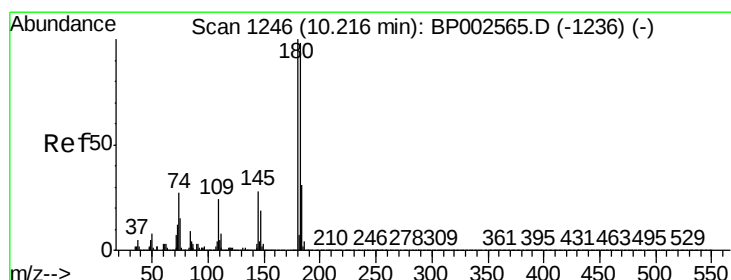
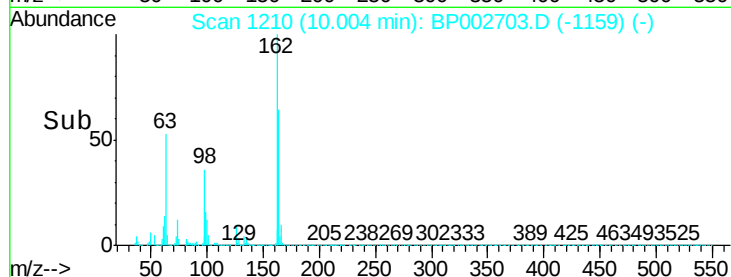
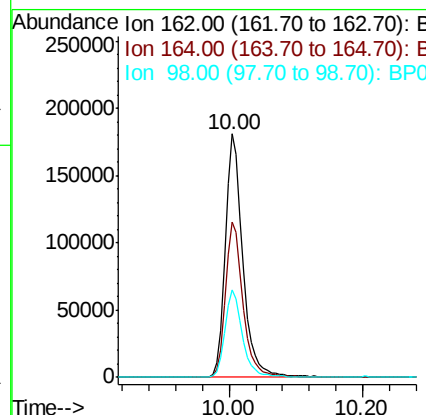
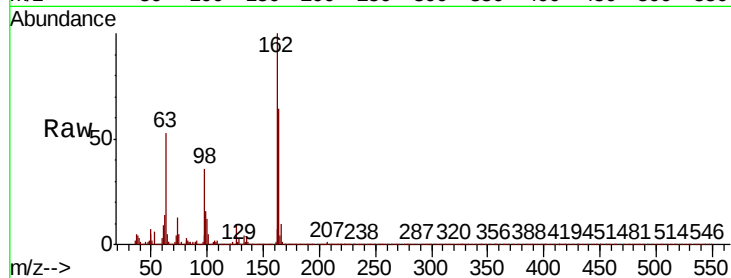
#29
2,4-Dichlorophenol
Concen: 51.712 ng
RT: 10.00 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	63.5	46.1	86.1	
98	36.0	15.3	55.3	

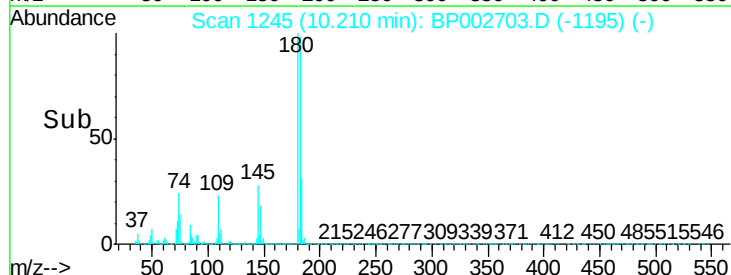
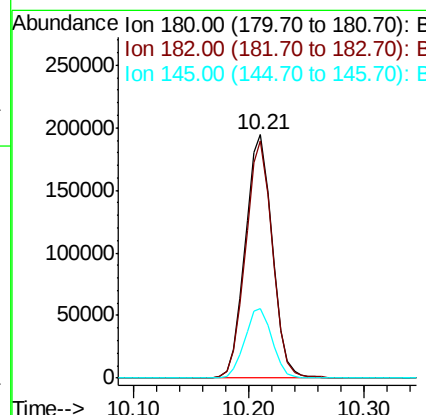
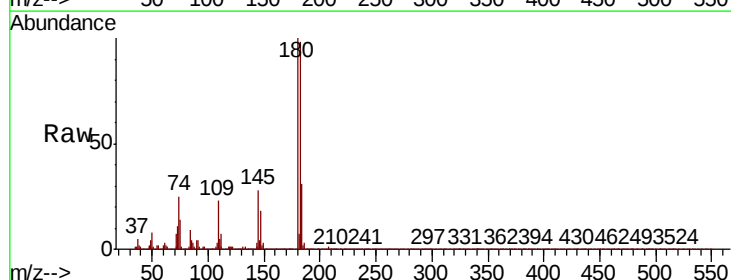
Manual Integrations
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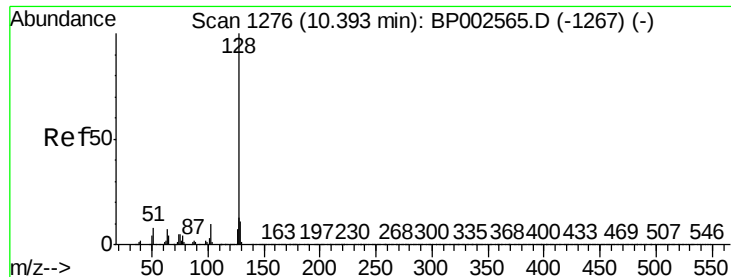
mohammad
7/10/2020 11:52:13 AM



#30
1,2,4-Trichlorobenzene
Concen: 43.223 ng
RT: 10.21 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.6	78.2	117.2	
145	28.4	22.6	34.0	





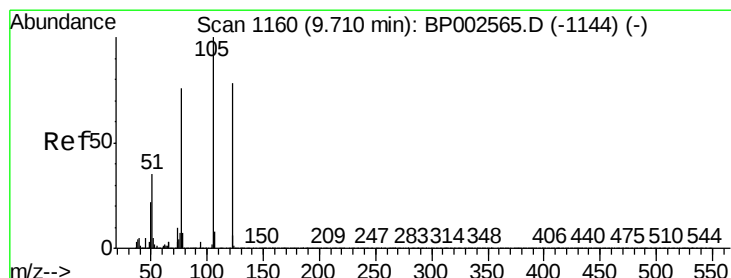
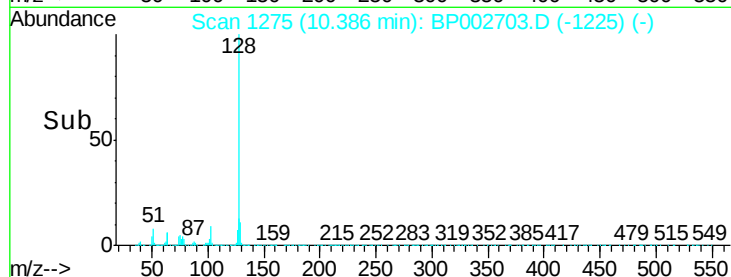
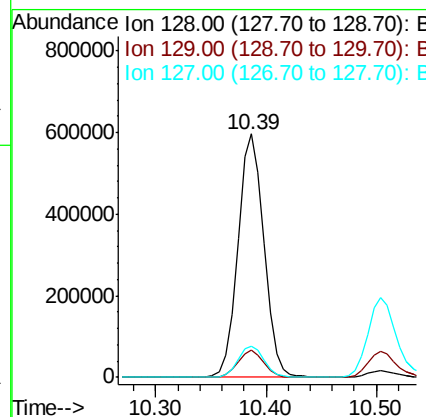
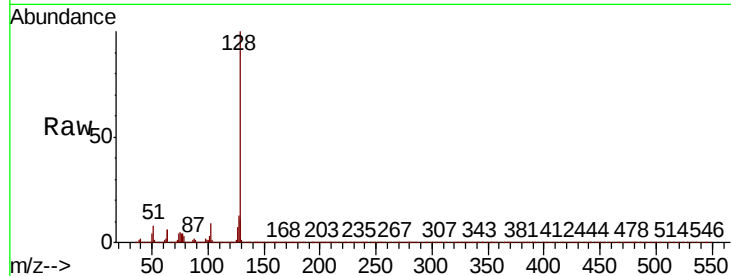
#31
Naphthalene
Concen: 46.986 ng
RT: 10.39 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.0	10.3	15.5

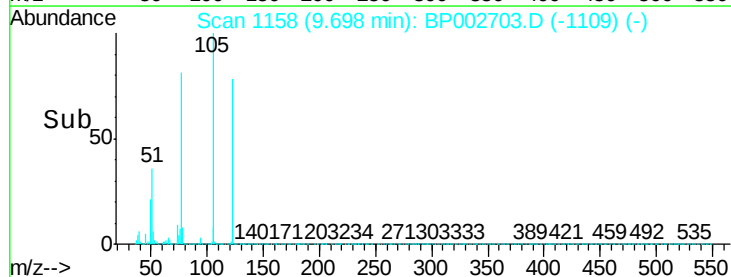
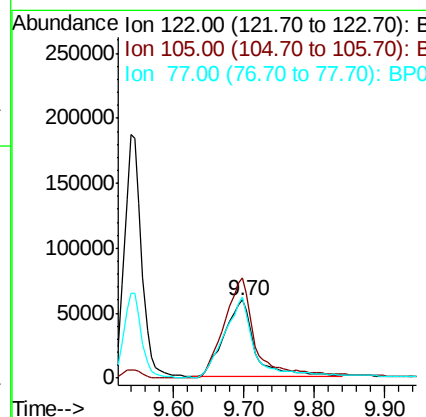
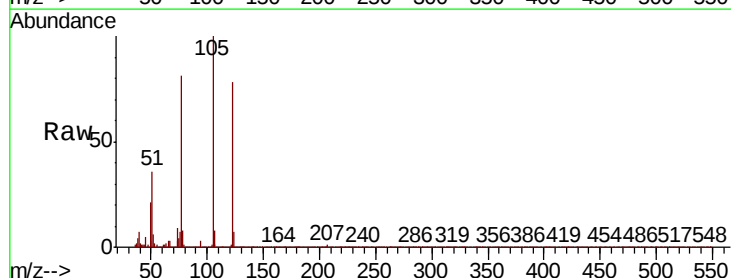
Manual Integrations
APPROVED

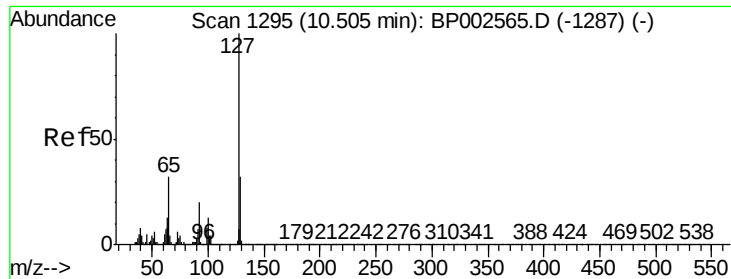
mohammad
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#32
Benzoic acid
Concen: 42.150 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	127.8	106.6	146.6
77	103.5	76.5	116.5





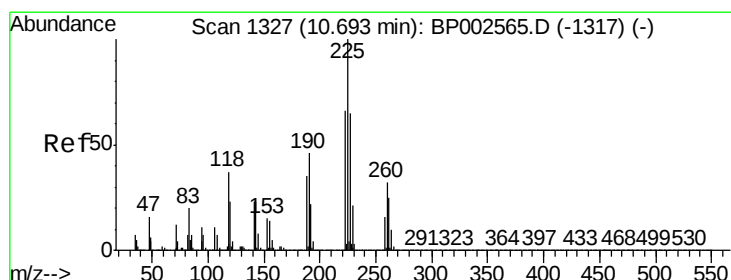
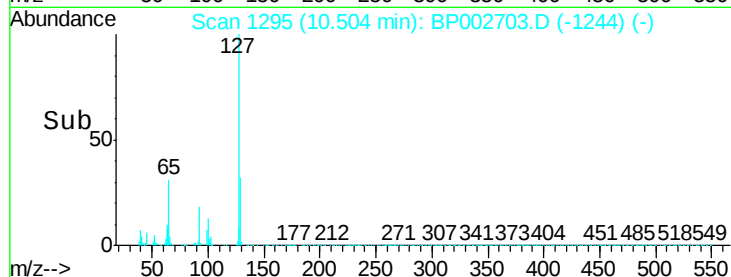
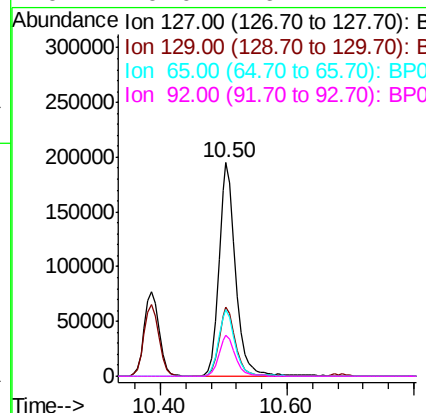
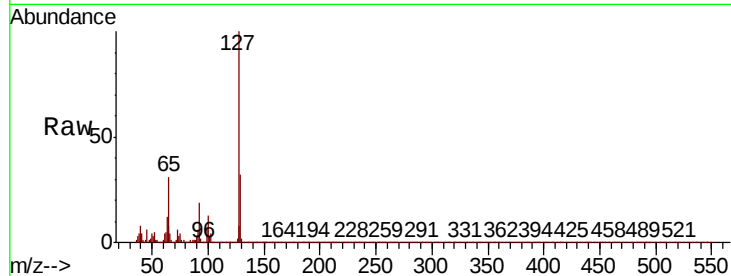
#33
4-Chloroaniline
Concen: 39.190 ng
RT: 10.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.7	38.5		
65	31.1	25.7	38.5		
92	19.0	16.1	24.1		

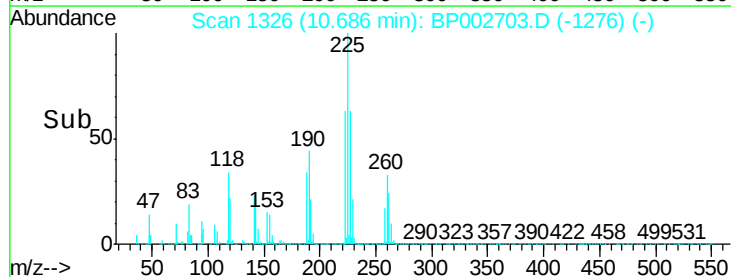
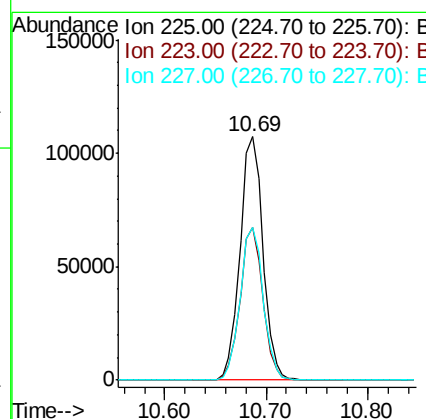
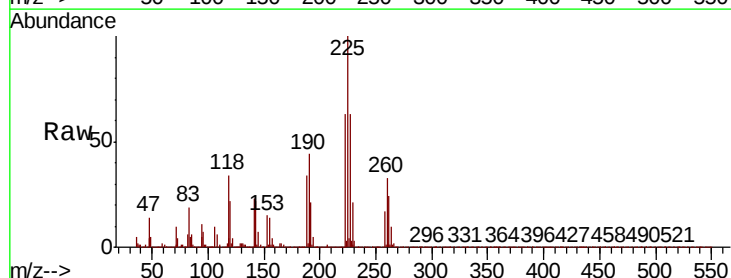
Manual Integrations
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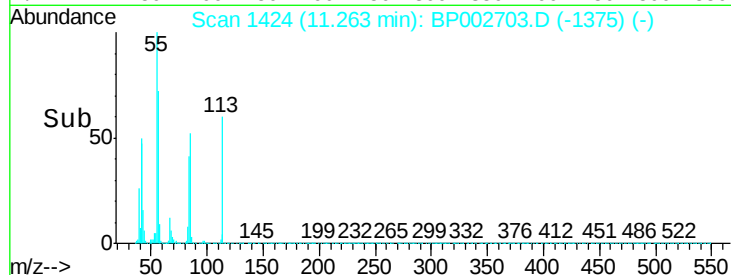
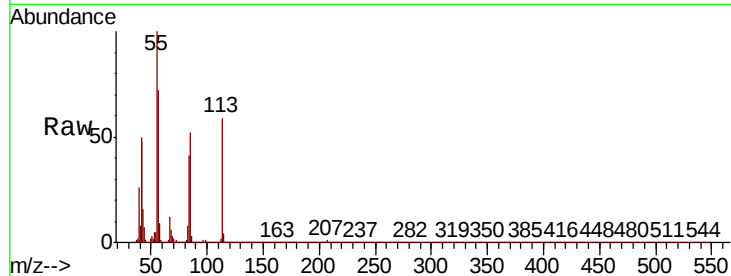
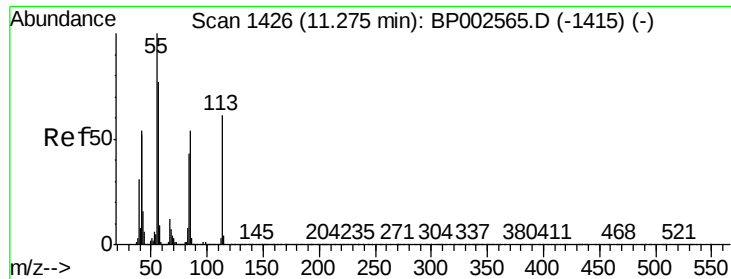
mohammad
7/10/2020 11:52:13 AM



#34
Hexachlorobutadiene
Concen: 37.791 ng
RT: 10.69 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.9	52.6	78.8		
227	63.0	52.1	78.1		





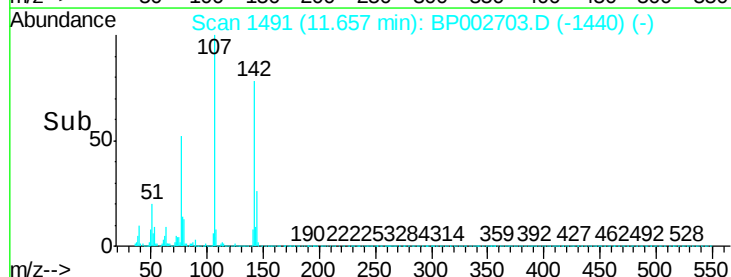
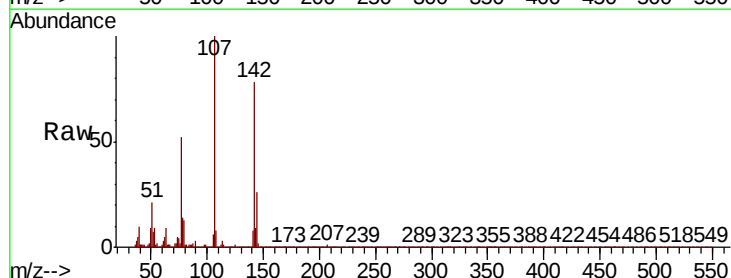
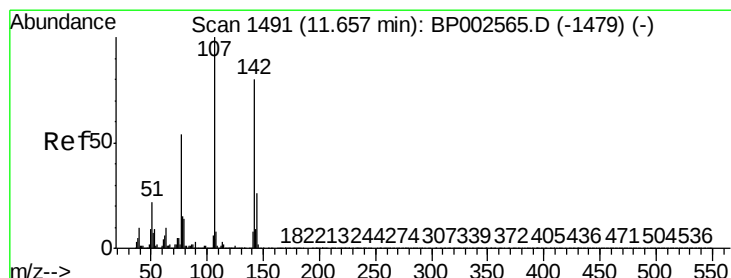
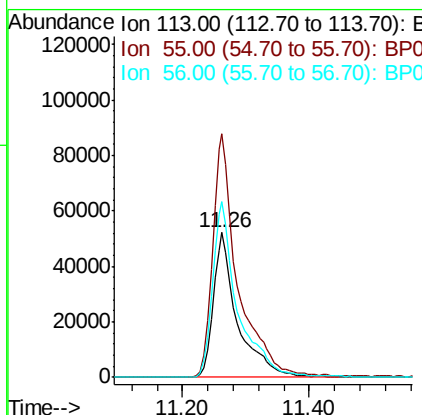
#35
Caprolactam
Concen: 64.365 ng
RT: 11.26 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tot Ion	Ratio	Lower	Upper
113	100		
55	168.3	143.7	183.7
56	121.1	105.2	145.2

Instrument :
BNA_P
ClientSampleId :
PB130070BS

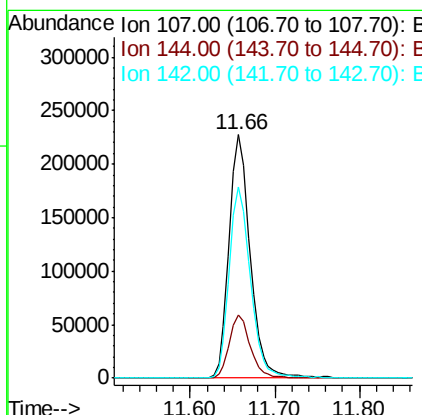
Manual Integrations
APPROVED

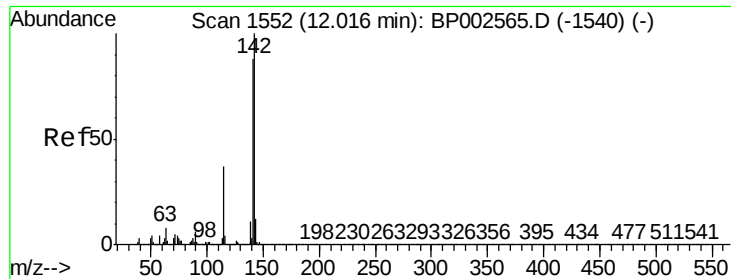
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 55.183 ng
RT: 11.66 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.0	31.6
142	78.3	63.9	95.9





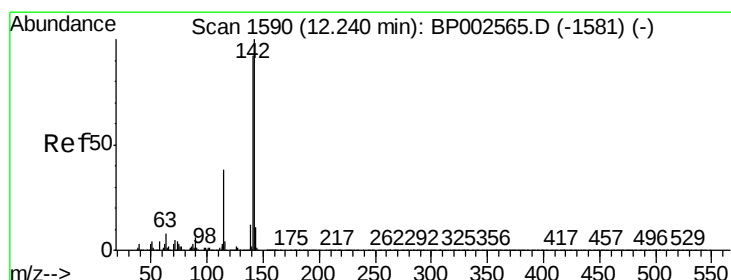
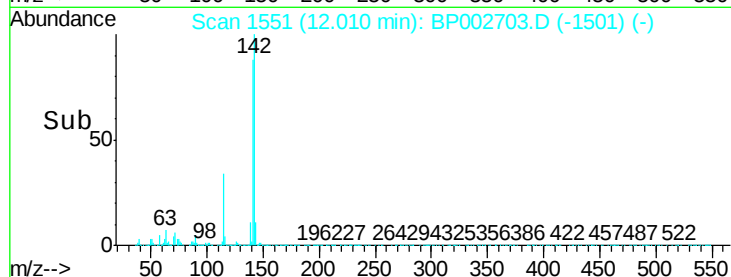
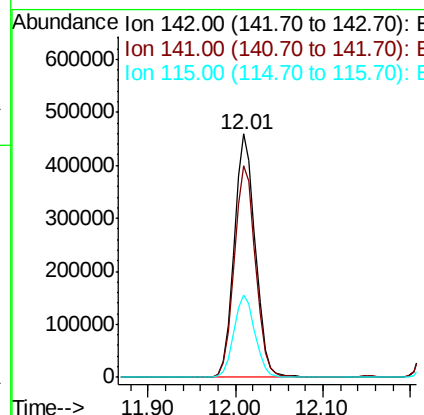
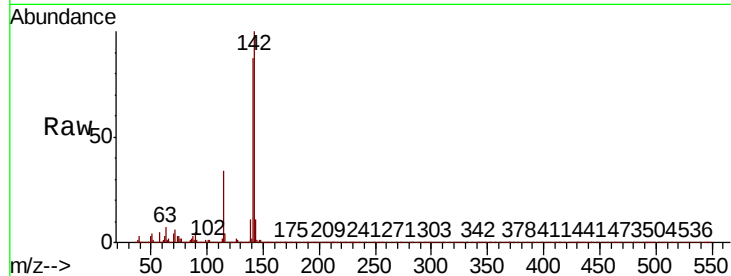
#37
2-Methylnaphthalene
Concen: 49.045 ng
RT: 12.01 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.7	106.1
115	33.7	29.7	44.5

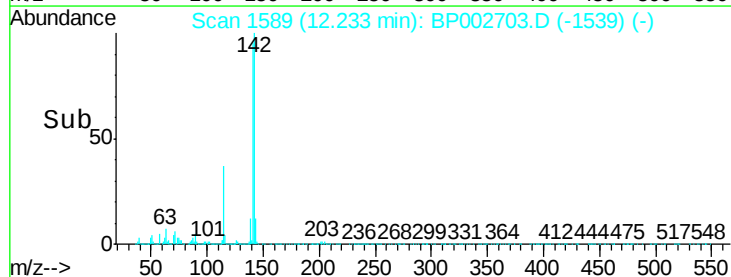
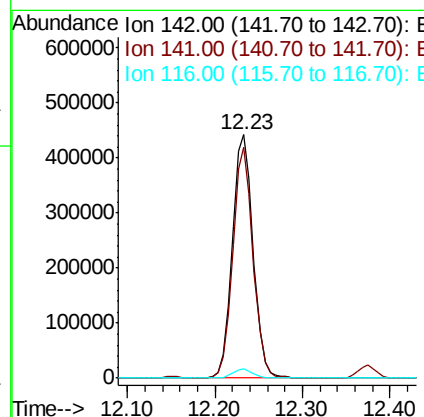
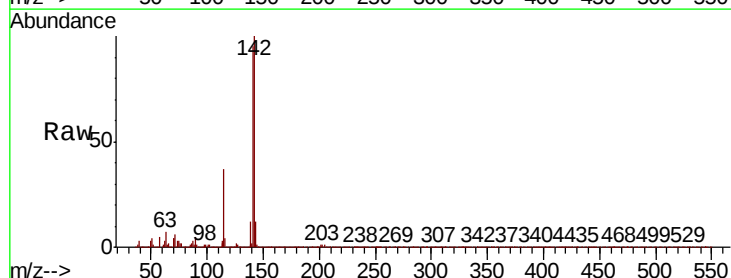
Manual Integrations
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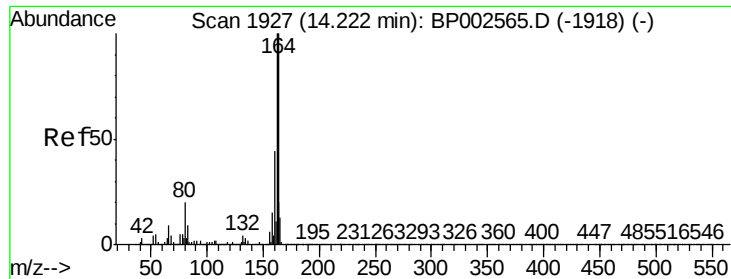
mohammad
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#38
1-Methylnaphthalene
Concen: 49.401 ng
RT: 12.23 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	73.4	110.2
116	3.8	3.2	4.8





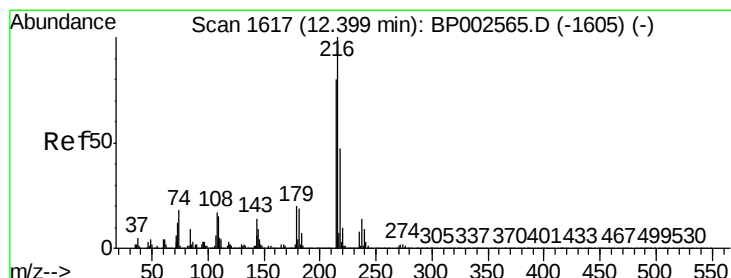
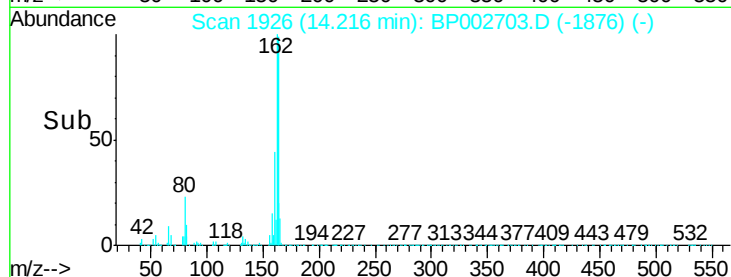
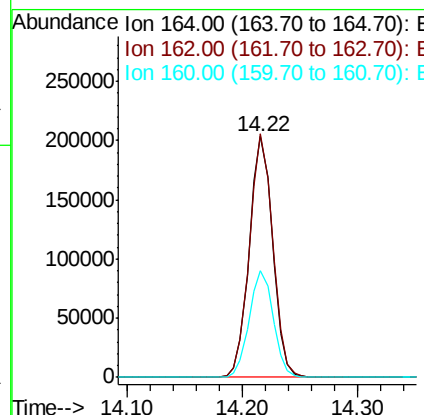
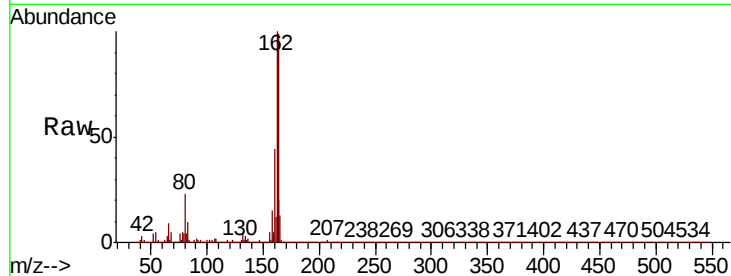
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.3	120.5
160	44.5	35.0	52.6

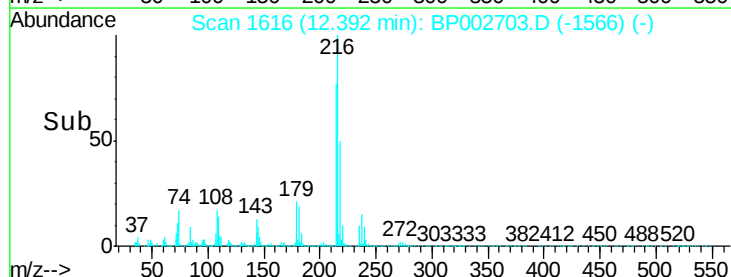
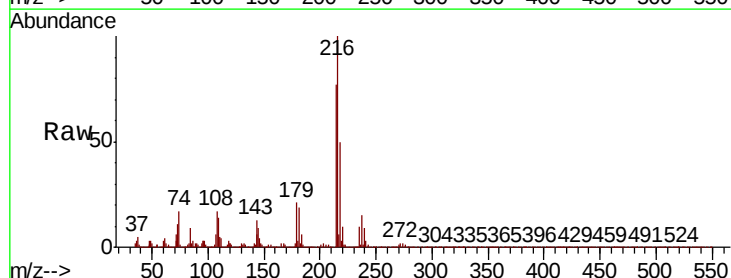
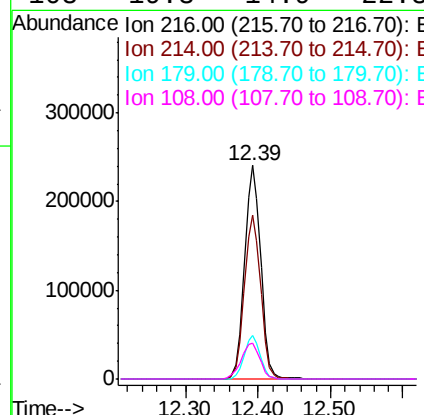
Manual Integrations
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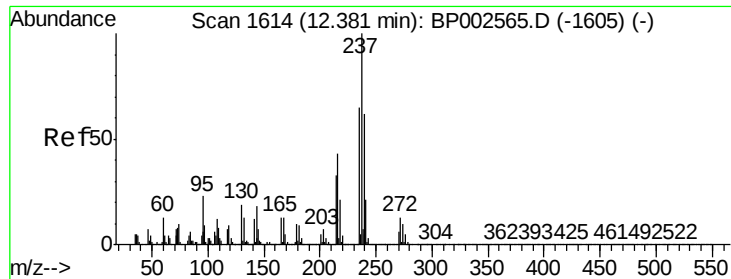
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.420 ng
RT: 12.39 min Scan# 1616
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.2	94.8
179	20.1	16.6	24.8
108	19.3	14.9	22.3





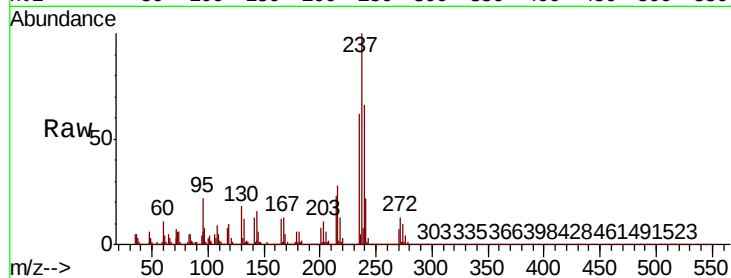
#41
Hexachlorocyclopentadiene
Concen: 57.895 ng
RT: 12.37 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	45.4	85.4
272	13.0	0.0	32.6

Manual Integrations
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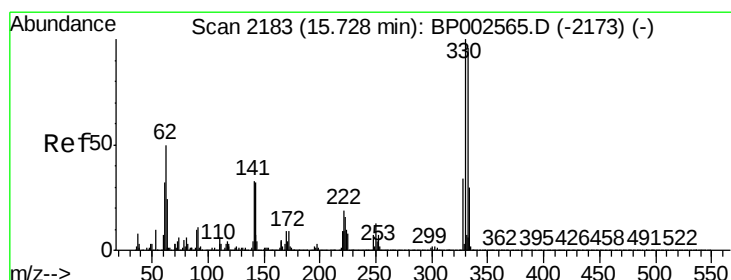
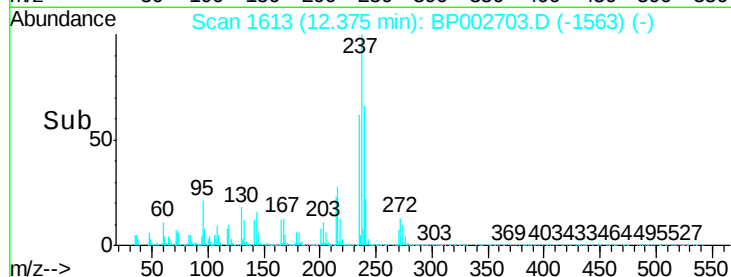
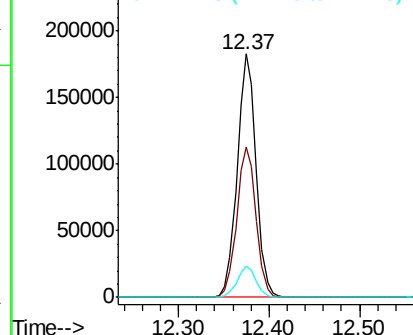


Abundance

Ion 236.80 (236.50 to 237.50): E

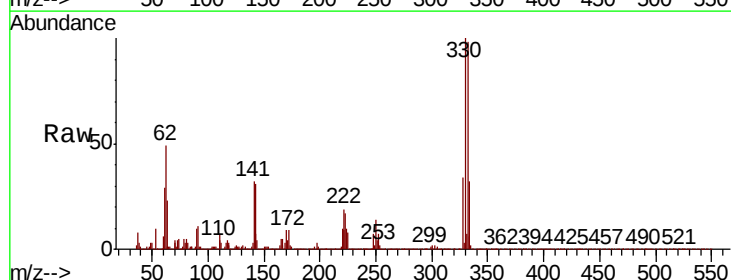
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 138.454 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	77.7	116.5
141	35.5	29.0	43.6

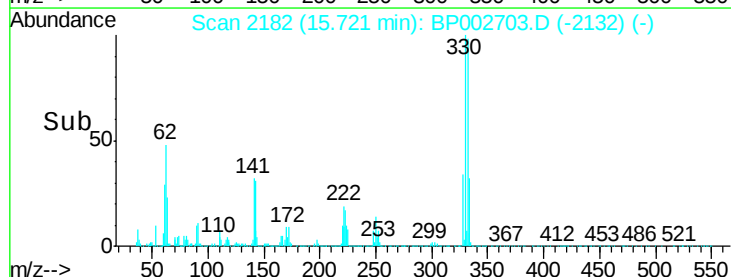
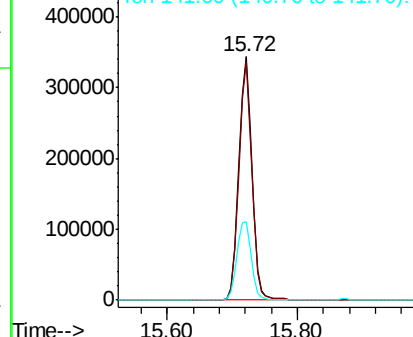


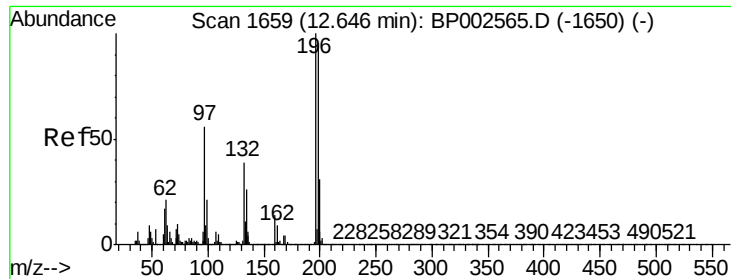
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





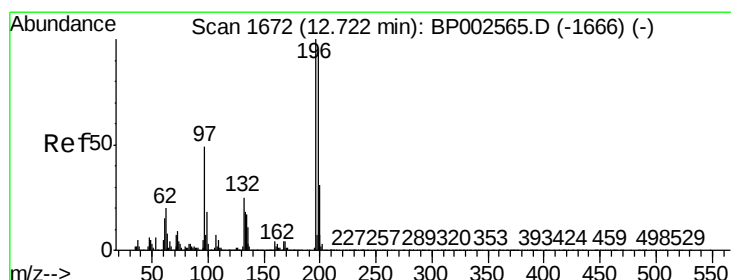
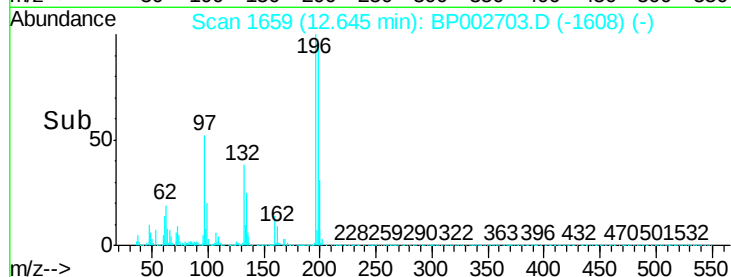
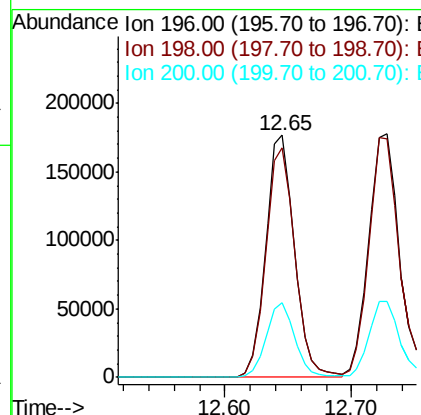
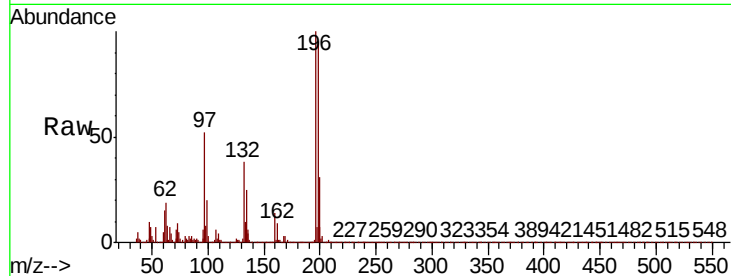
#43
 2,4,6-Trichlorophenol
 Concen: 45.957 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	279001		
198	94.6	75.3	112.9	
200	30.6	24.6	36.8	

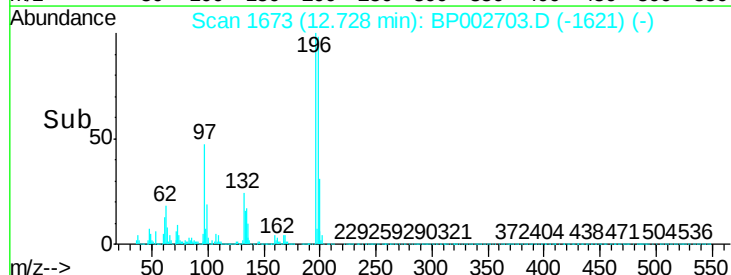
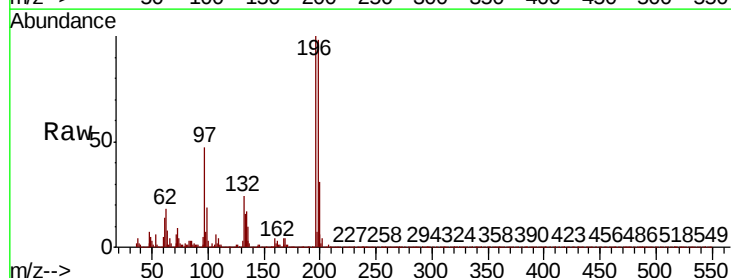
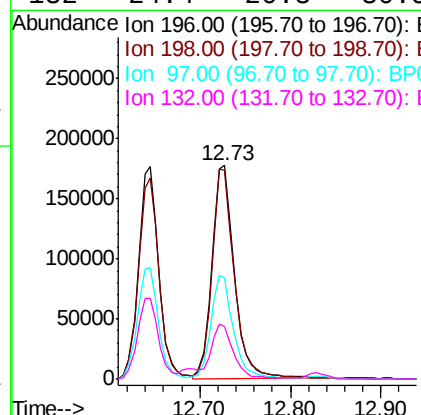
Manual Integrations
 APPROVED

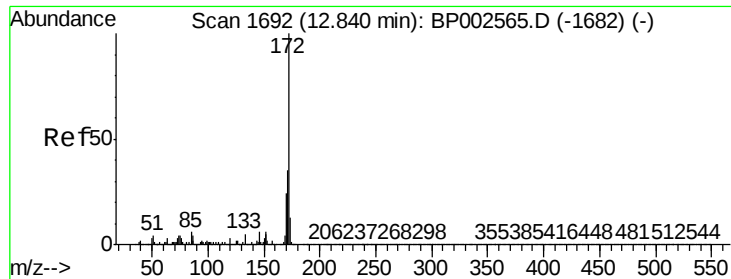
mohammad
 7/10/2020 11:52:13 AM



#44
 2,4,5-Trichlorophenol
 Concen: 43.986 ng
 RT: 12.73 min Scan# 1673
 Delta R.T. 0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307398		
198	97.9	75.4	113.0	
97	47.2	39.3	58.9	
132	24.4	20.3	30.5	





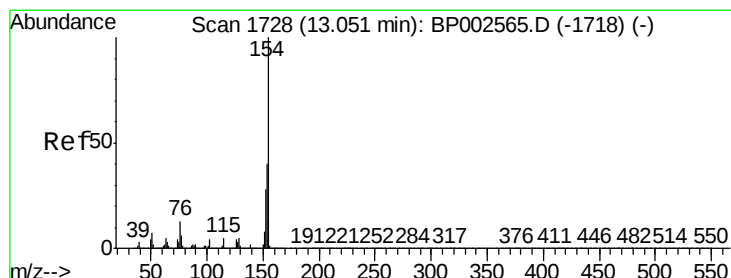
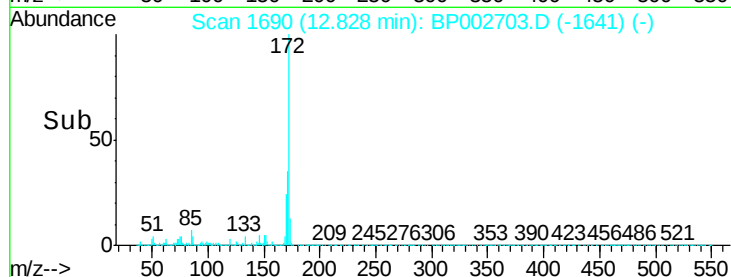
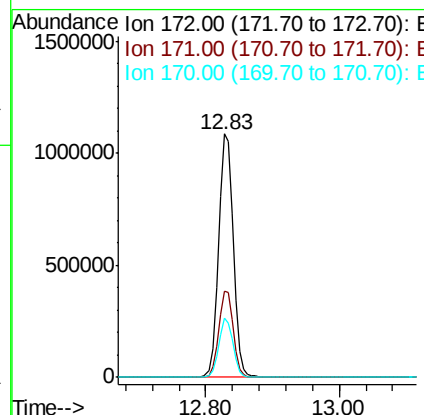
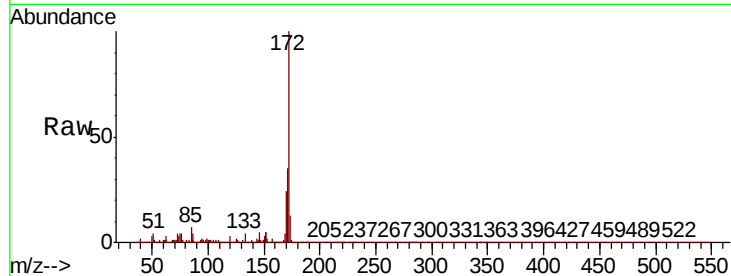
#45
2-Fluorobiphenyl
Concen: 86.656 ng
RT: 12.83 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	24.3	19.0	28.4

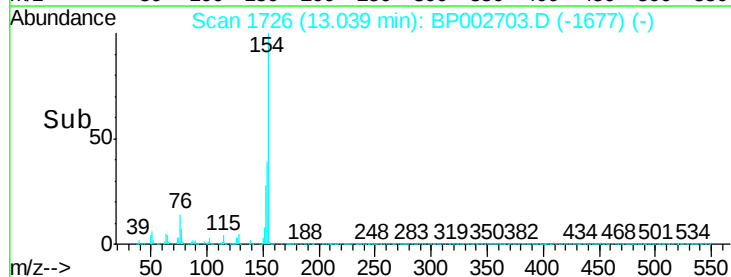
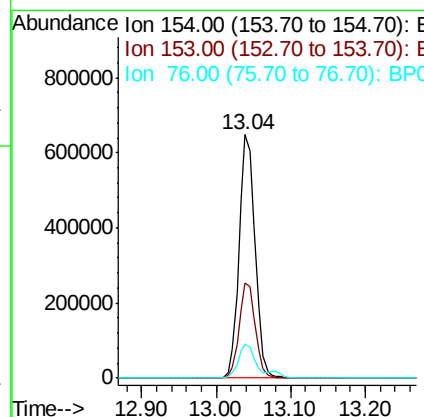
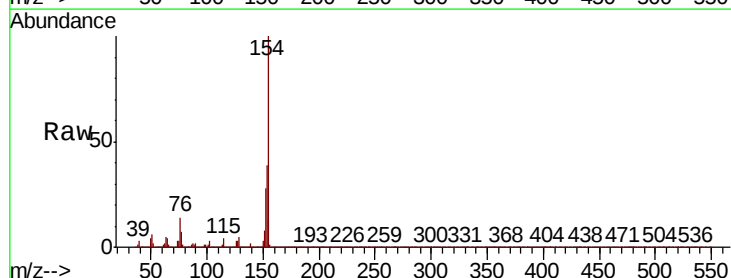
Manual Integrations
APPROVED

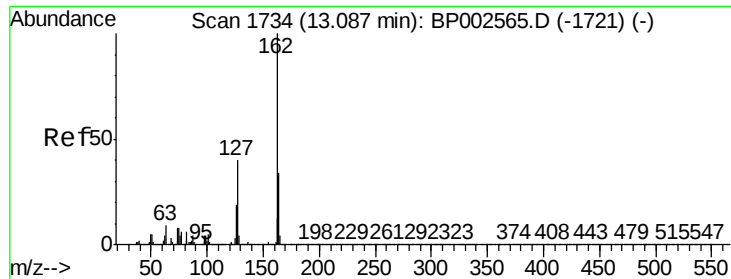
mohammad
7/10/2020 11:52:13 AM



#46
1,1'-Biphenyl
Concen: 44.613 ng
RT: 13.04 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.9	20.0	60.0
76	14.1	0.0	33.0





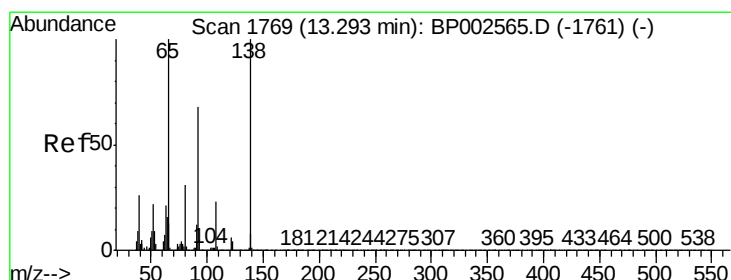
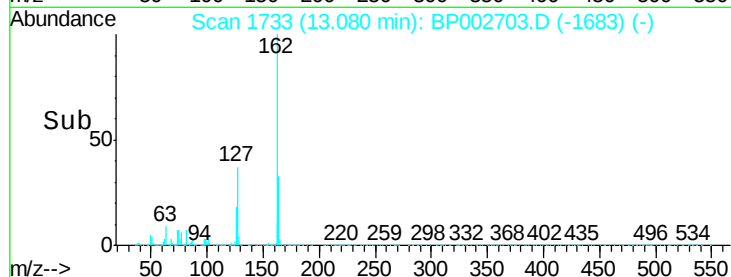
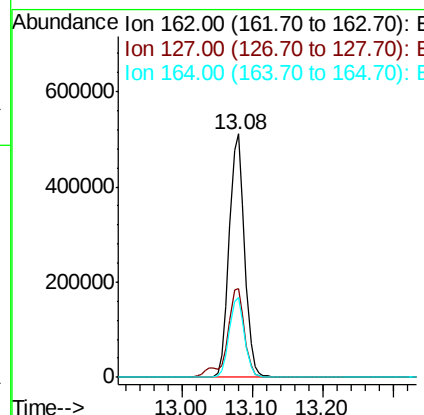
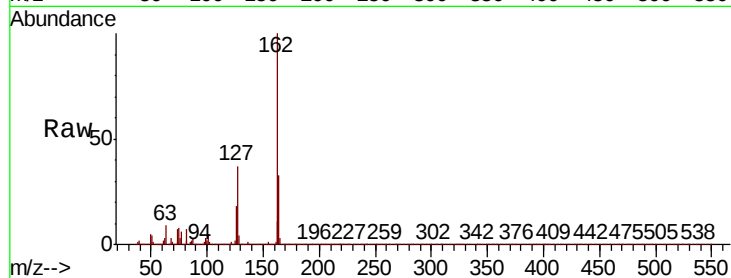
#47
2-Chloronaphthalene
Concen: 43.603 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	31.7	47.5
164	32.7	27.3	40.9

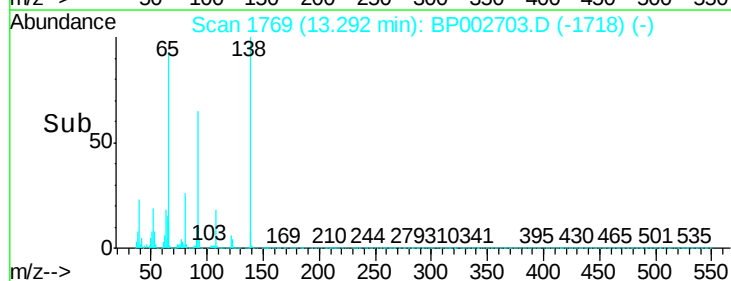
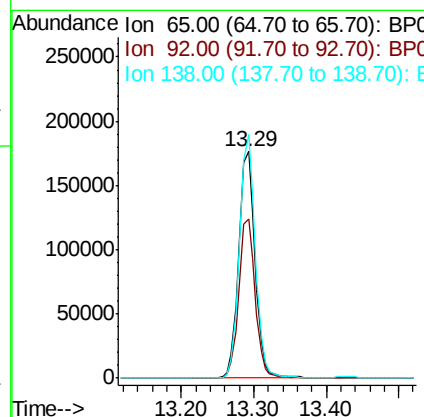
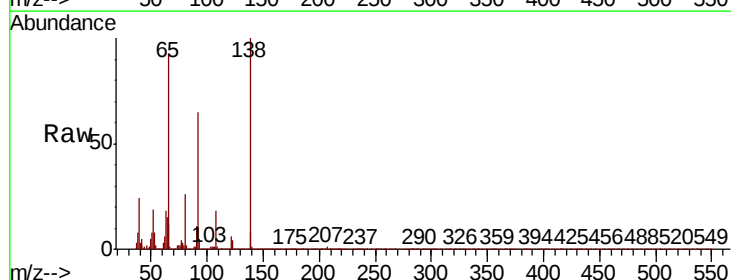
Manual Integrations
APPROVED

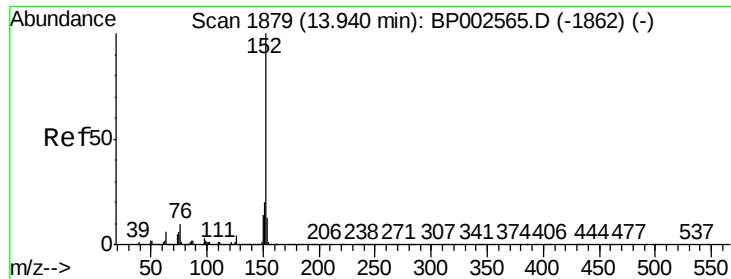
mohammad
7/10/2020 11:52:13 AM



#48
2-Nitroaniline
Concen: 49.534 ng
RT: 13.29 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.3	54.2	81.4
138	107.4	79.8	119.8





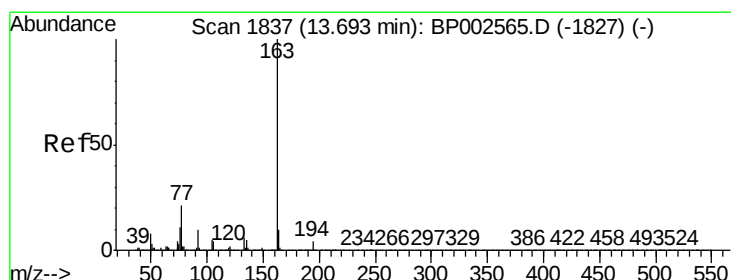
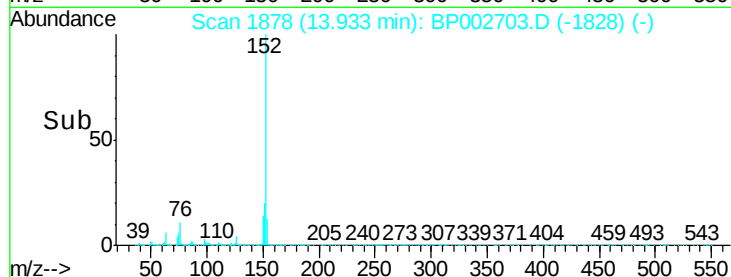
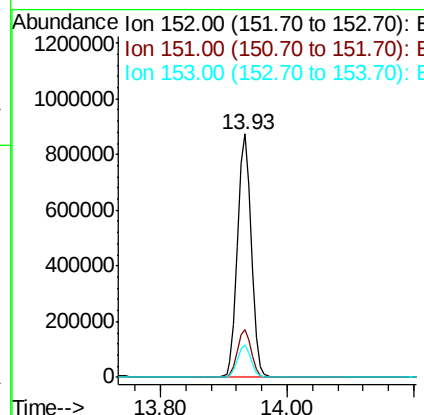
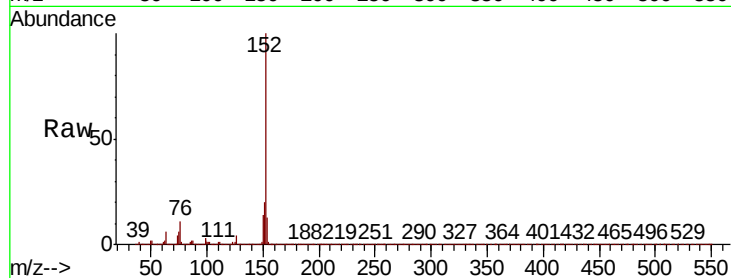
#49
Acenaphthylene
Concen: 46.571 ng
RT: 13.93 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.4	10.2	15.2

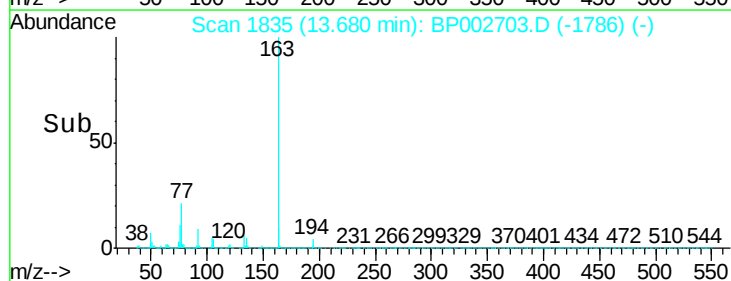
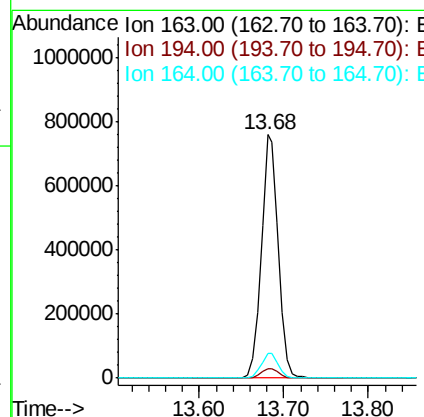
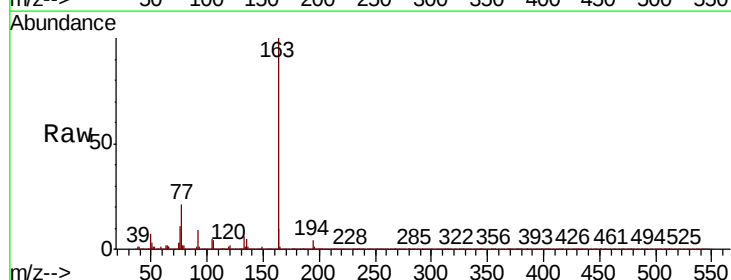
Manual Integrations
APPROVED

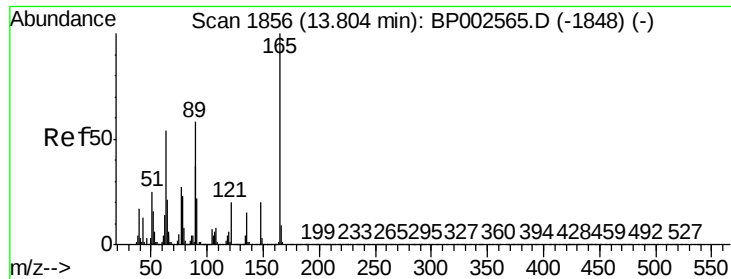
mohammad
7/10/2020 11:52:13 AM



#50
Dimethylphthalate
Concen: 47.354 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.2	8.2	12.4





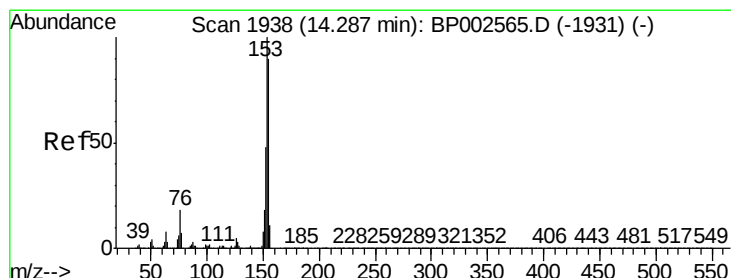
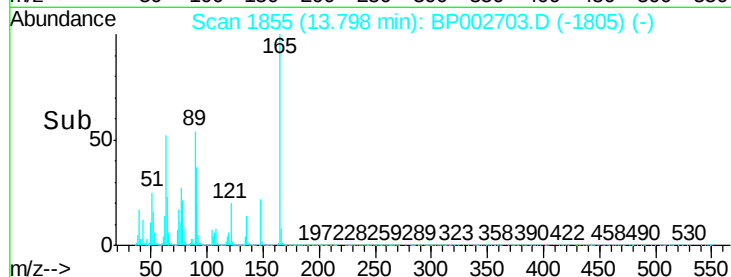
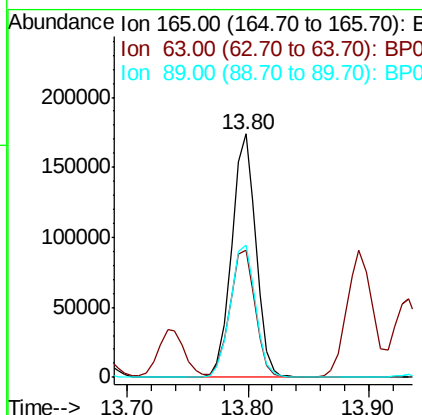
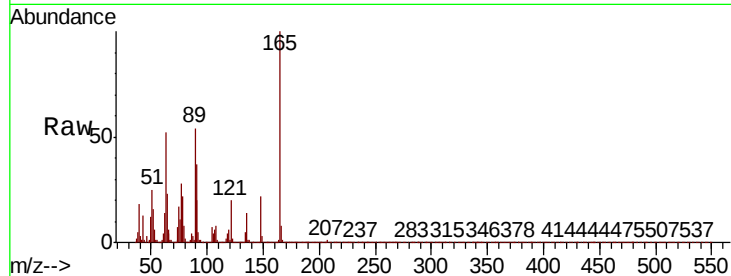
#51
2,6-Dinitrotoluene
Concen: 49.654 ng
RT: 13.80 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.2	46.6	69.8
89	54.1	46.3	69.5

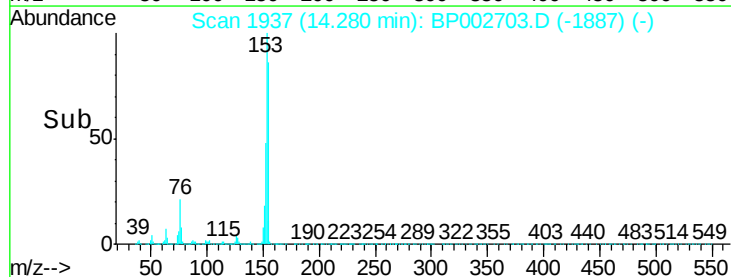
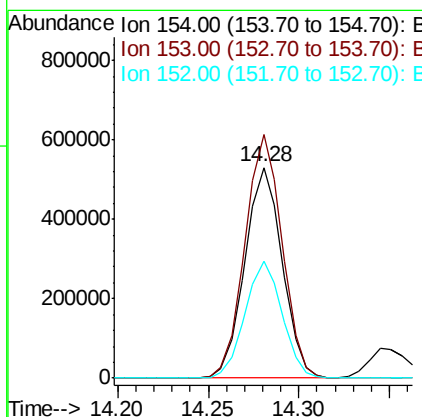
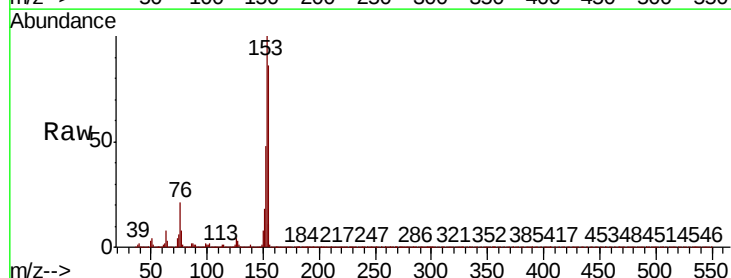
Manual Integrations
APPROVED

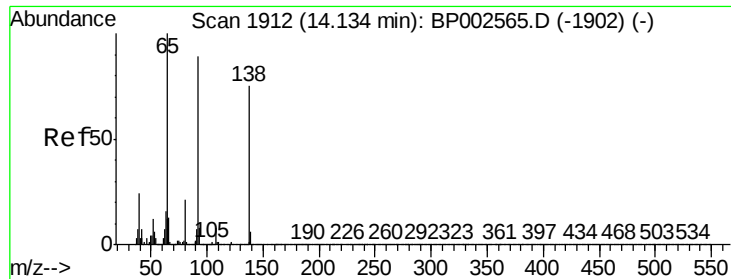
mohammad
7/10/2020 11:52:13 AM



#52
Acenaphthene
Concen: 46.268 ng
RT: 14.28 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.7	89.1	133.7
152	55.3	43.2	64.8





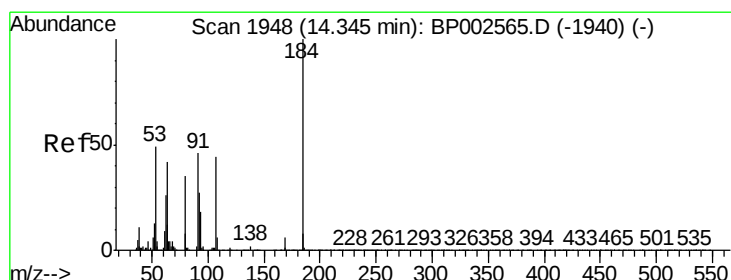
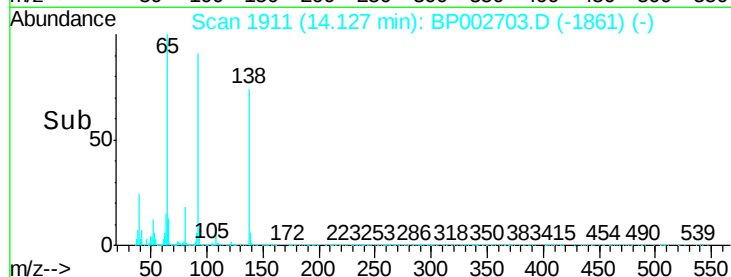
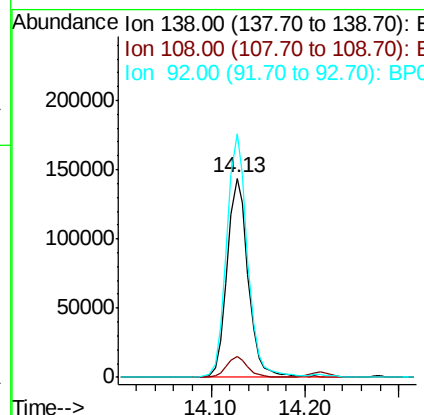
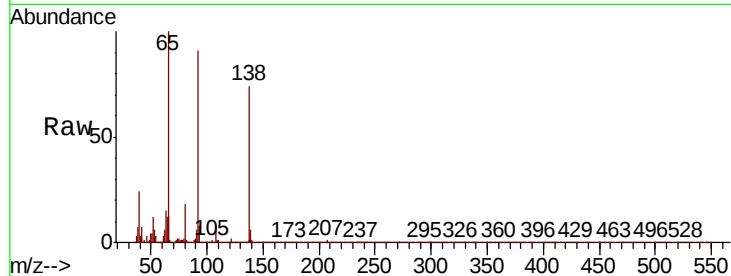
#53
3-Nitroaniline
Concen: 42.383 ng
RT: 14.13 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.6	12.8
92	122.5	94.9	142.3

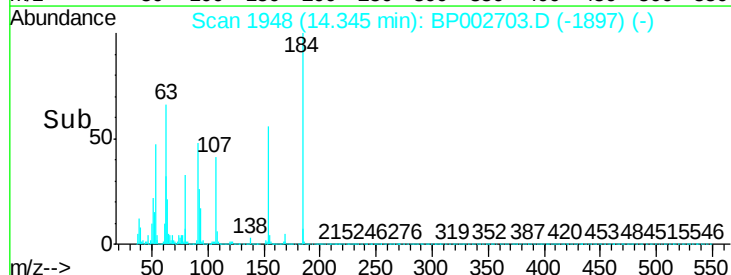
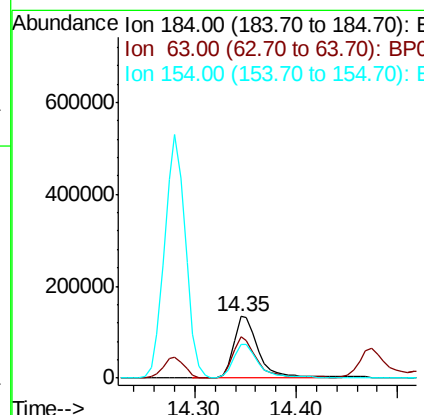
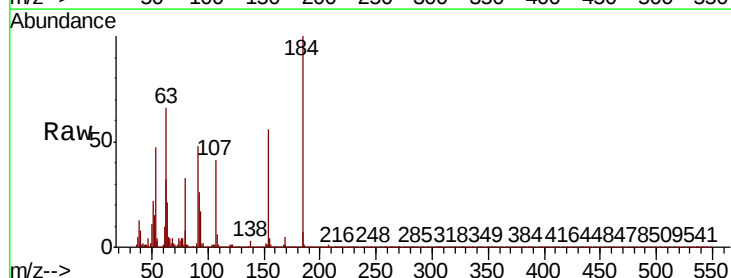
Manual Integrations
APPROVED

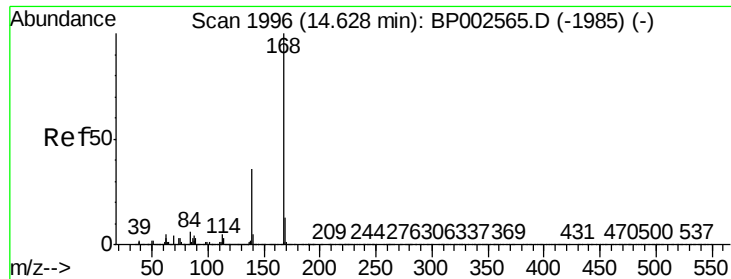
mohammad
7/10/2020 11:52:13 AM



#54
2,4-Dinitrophenol
Concen: 75.961 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.4	56.2	84.2
154	55.7	50.9	76.3





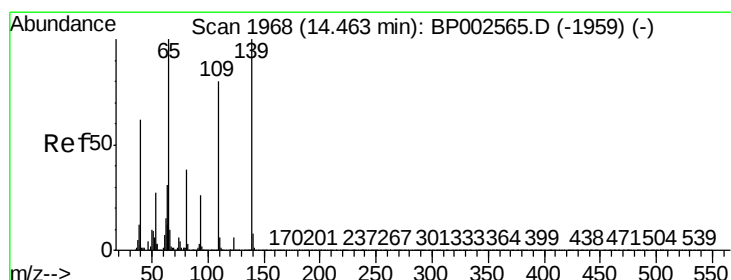
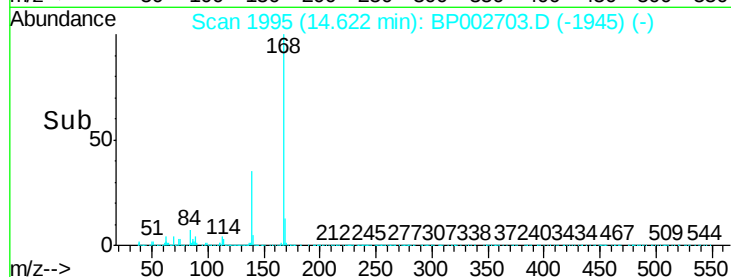
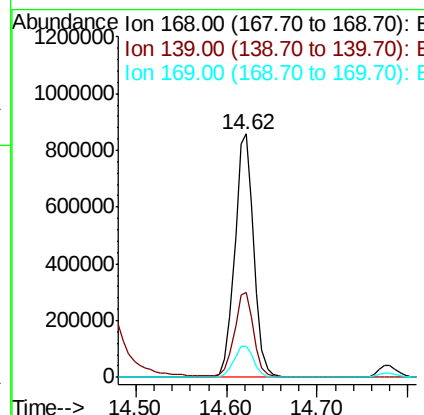
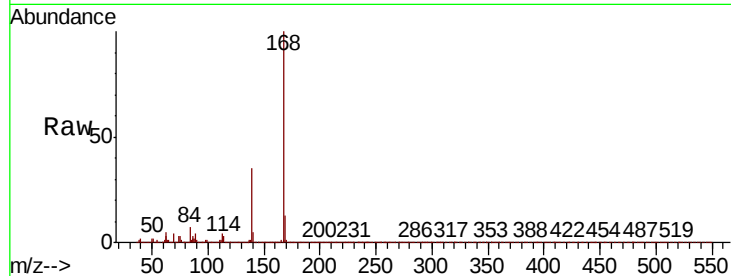
#55
Dibenzofuran
Concen: 46.726 ng
RT: 14.62 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.7	29.3	43.9
169	13.0	10.6	15.8

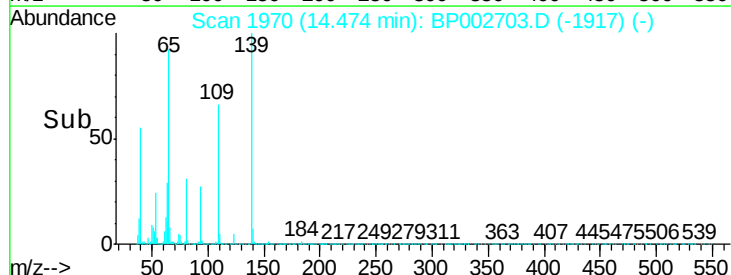
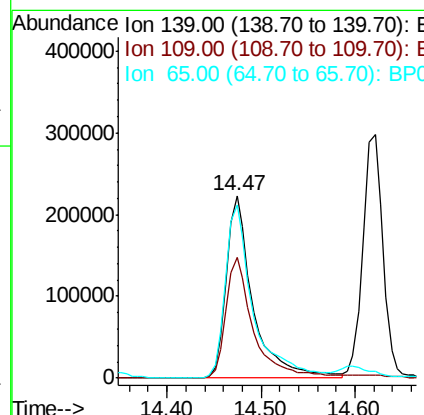
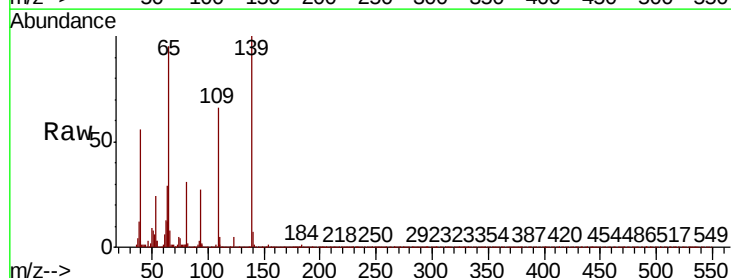
Manual Integrations
APPROVED

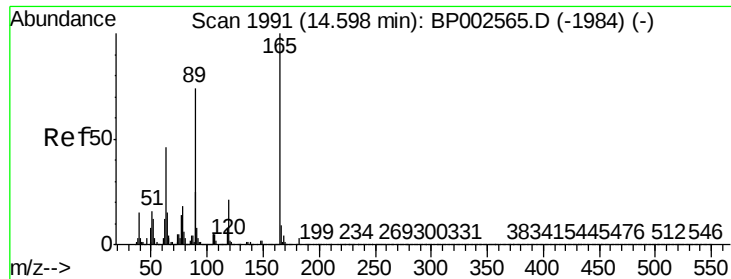
mohammad
7/10/2020 11:52:13 AM



#56
4-Nitrophenol
Concen: 105.119 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.4	60.1	100.1
65	94.7	80.3	120.3





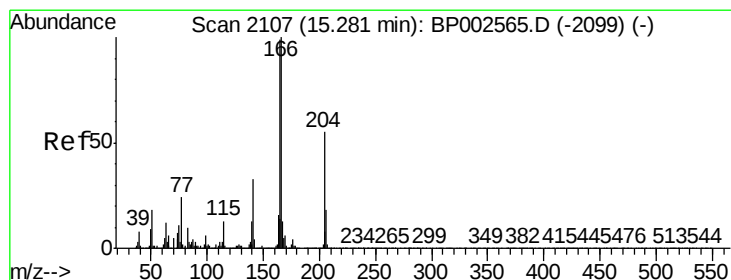
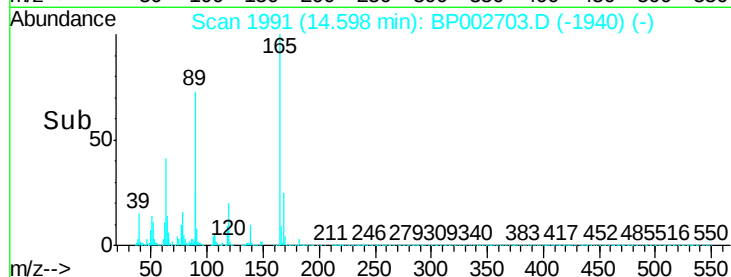
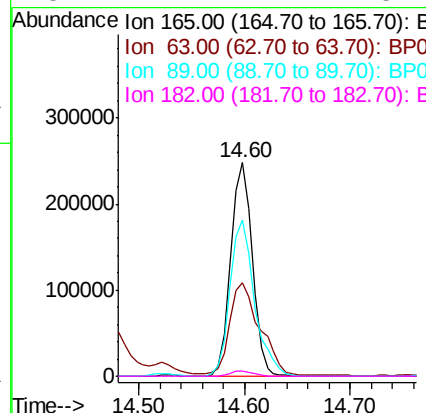
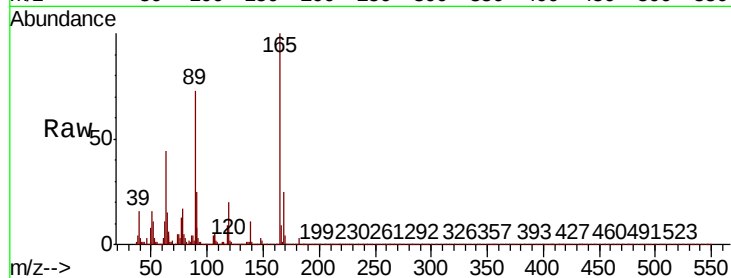
#57
2,4-Dinitrotoluene
Concen: 53.339 ng
RT: 14.60 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.9	37.3	55.9
89	73.4	59.4	89.0
182	2.7	2.2	3.2

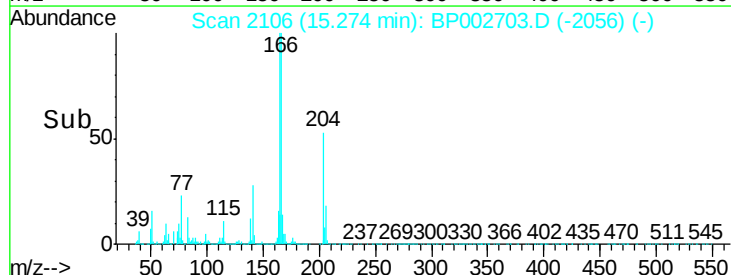
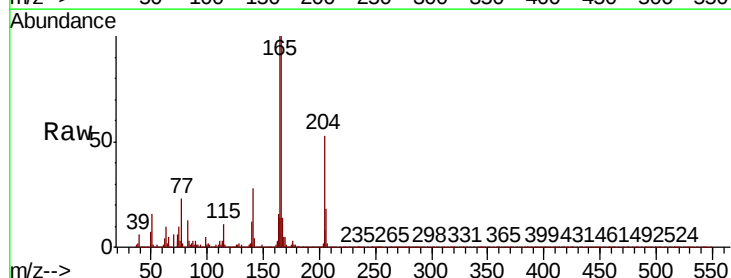
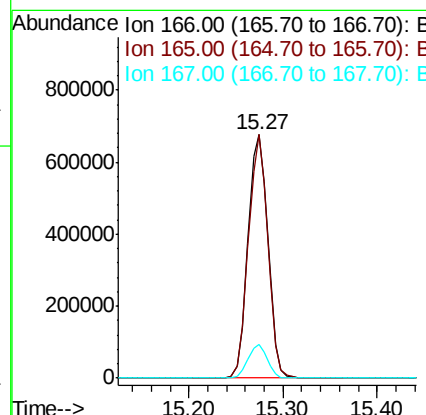
Manual Integrations
APPROVED

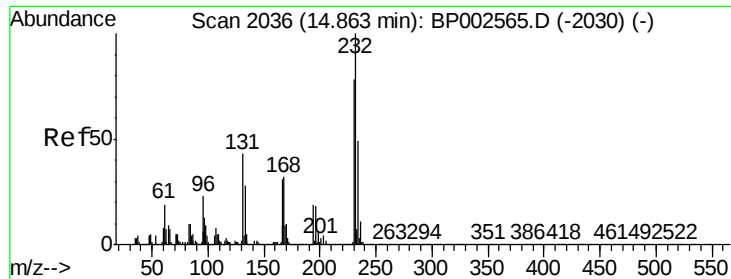
mohammad
7/10/2020 11:52:13 AM



#58
Fluorene
Concen: 49.053 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.1	118.7
167	14.0	10.8	16.2





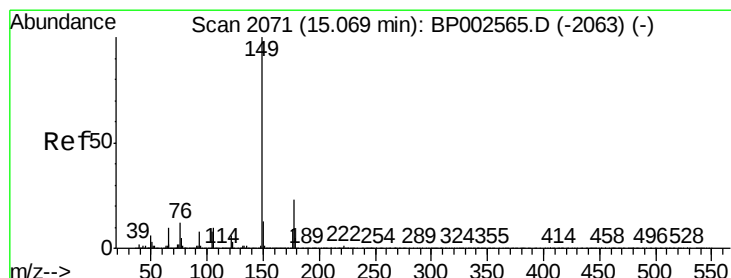
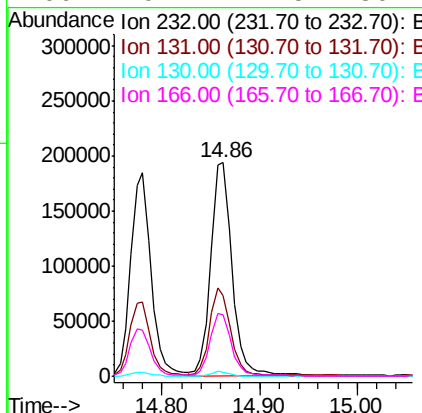
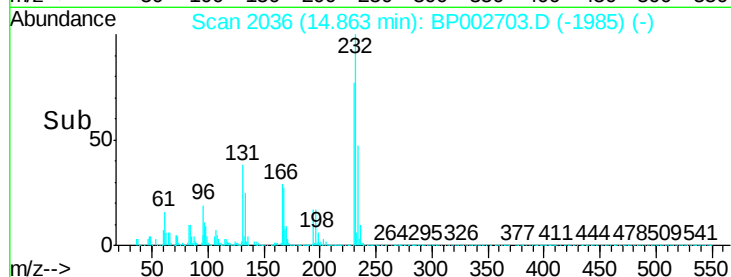
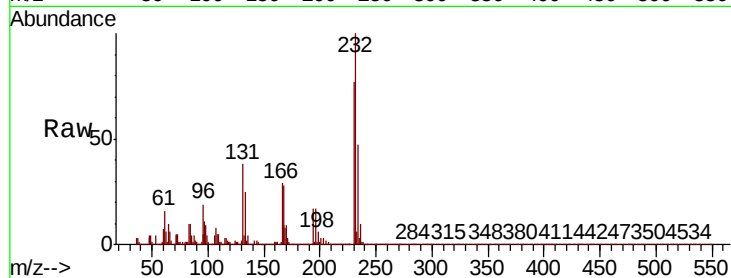
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.864 ng
RT: 14.86 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	292798		
131	40.9		34.4	51.6
130	2.0		1.8	2.6
166	29.7		24.5	36.7

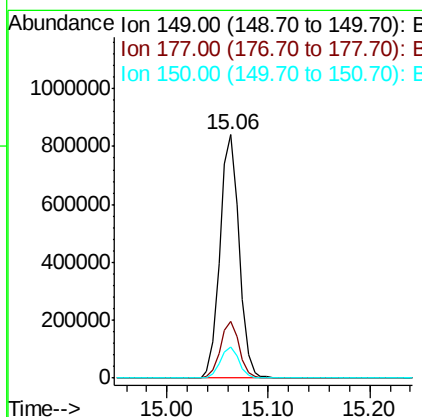
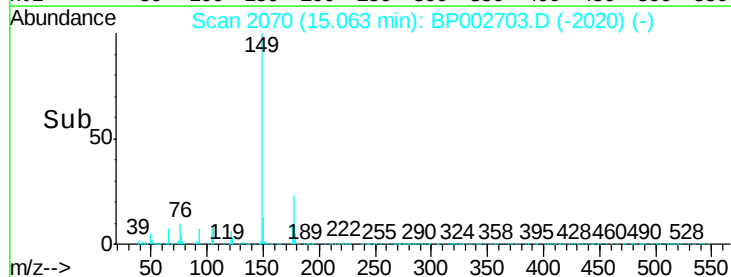
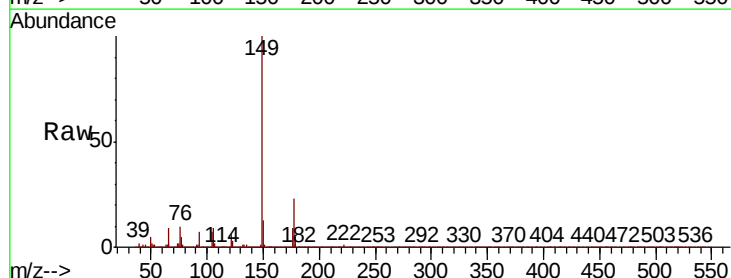
Manual Integrations
APPROVED

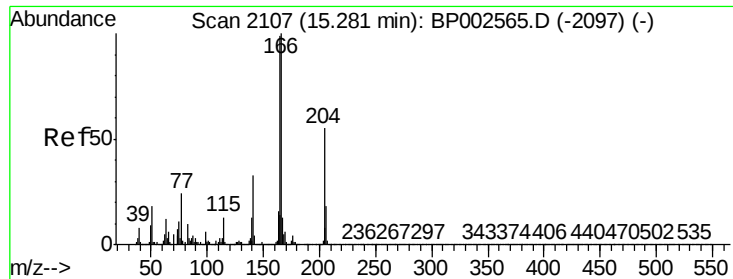
mohammad
7/10/2020 11:52:13 AM



#60
Diethylphthalate
Concen: 49.101 ng
RT: 15.06 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1101906		
177	23.2		18.6	27.8
150	12.7		10.2	15.2





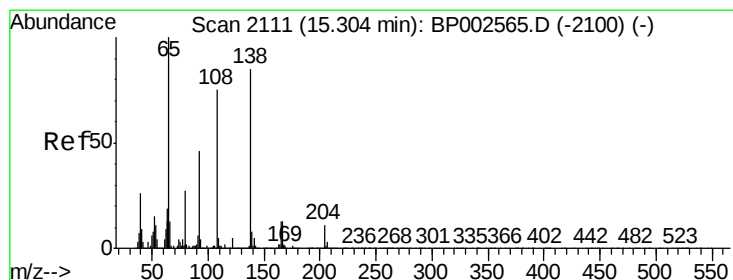
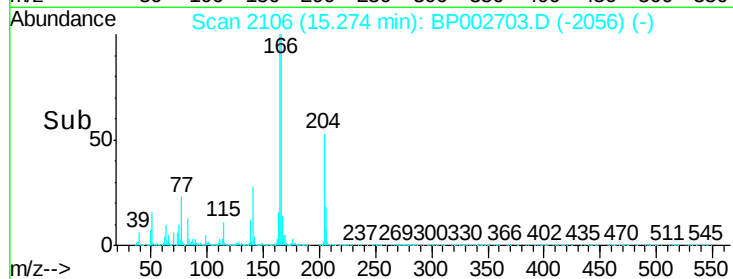
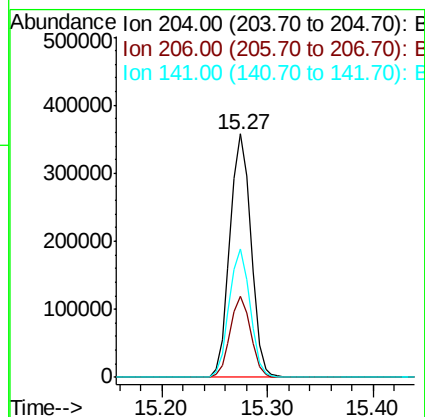
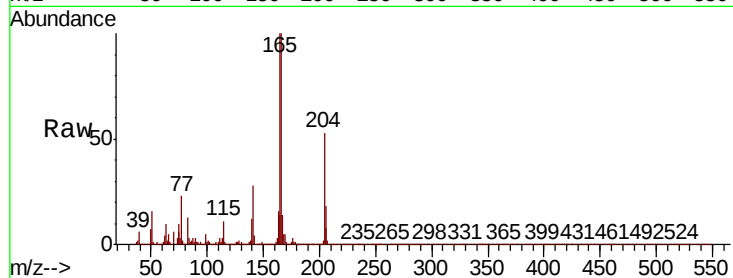
#61
4-Chlorophenyl-phenylether
Concen: 45.314 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampled :
PB130070BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.6	39.8
141	52.5	47.7	71.5

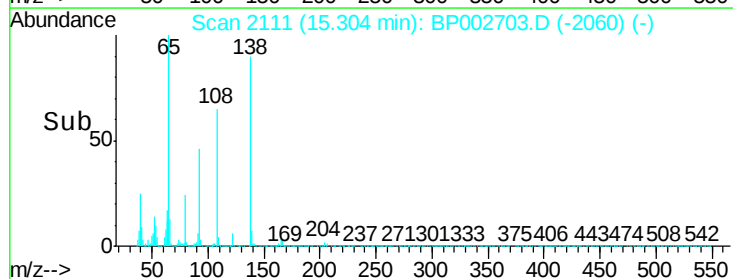
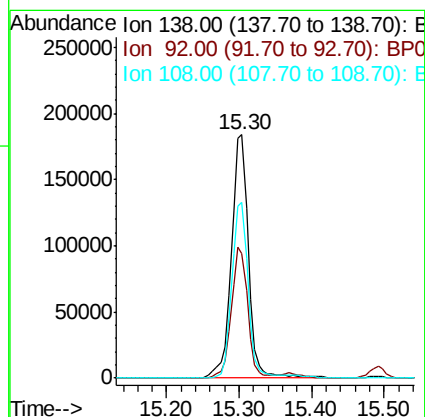
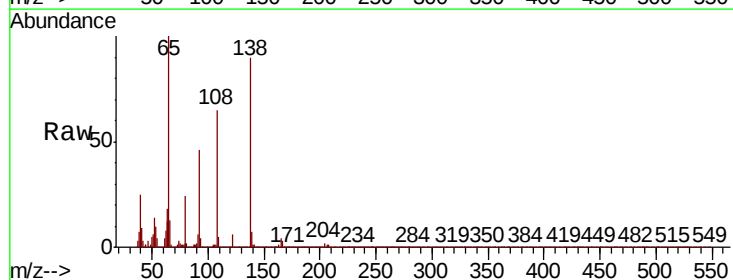
Manual Integrations
APPROVED

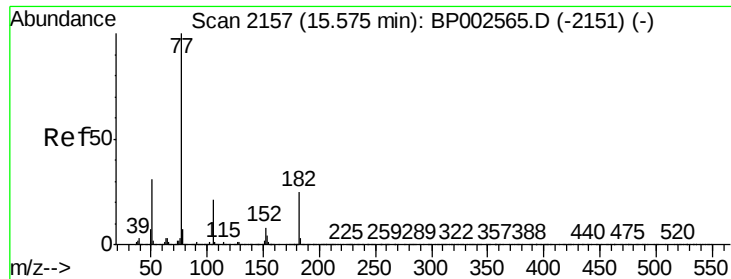
mohammad
7/10/2020 11:52:13 AM



#62
4-Nitroaniline
Concen: 56.907 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	33.9	73.9
108	72.1	67.8	107.8





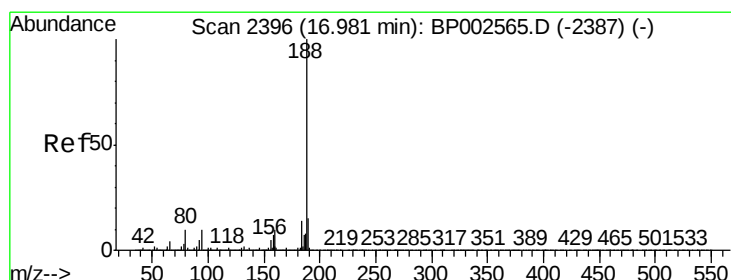
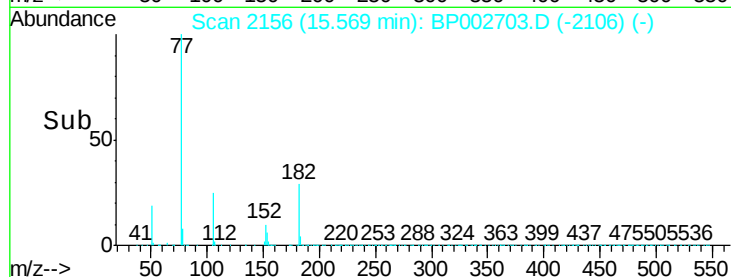
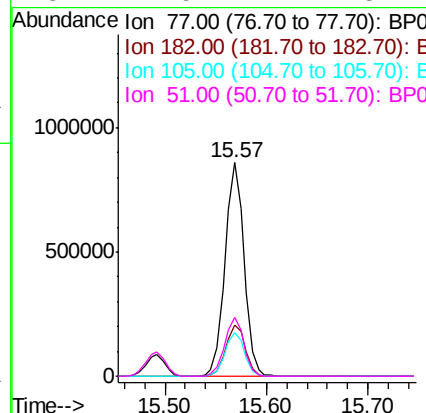
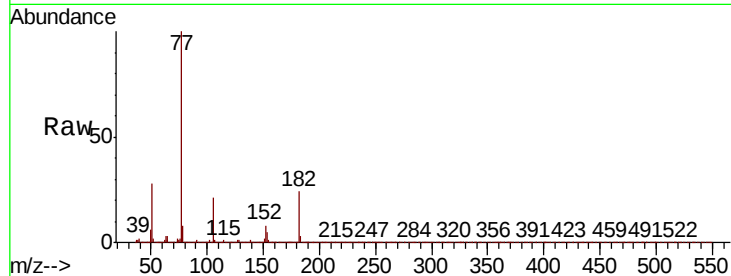
#63
Azobenzene
Concen: 51.544 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampled :
PB130070BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.0	4.7	44.7	
105	20.6	0.6	40.6	
51	27.5	11.2	51.2	

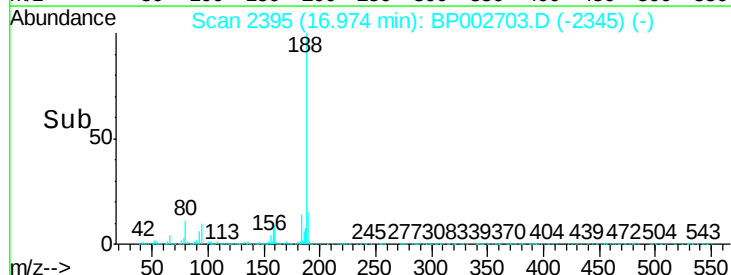
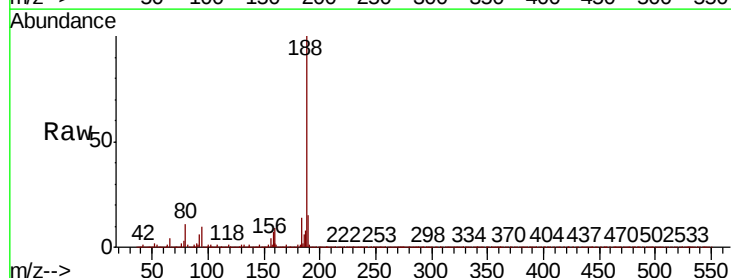
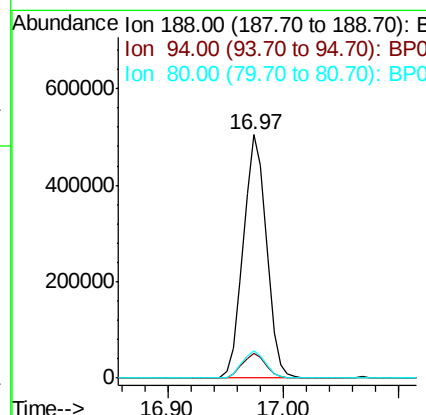
Manual Integrations
APPROVED

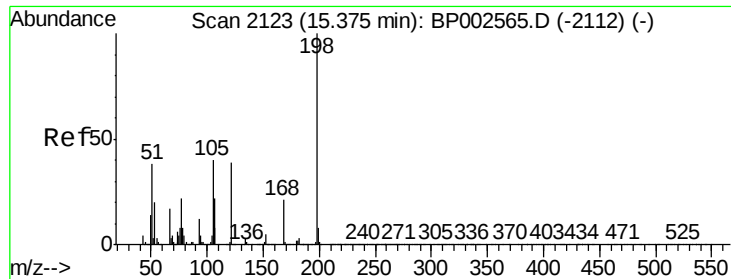
mohammad
7/10/2020 11:52:13 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.3	7.8	11.6	
80	11.3	8.2	12.4	





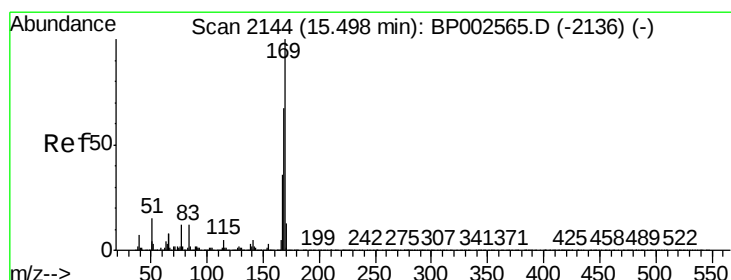
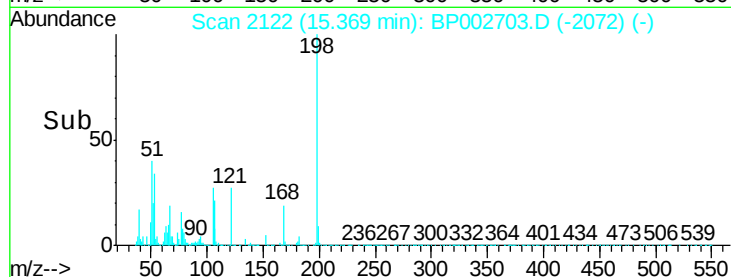
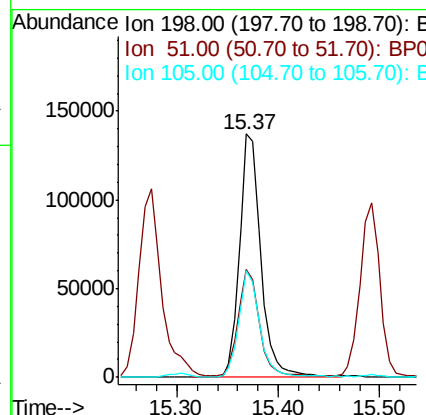
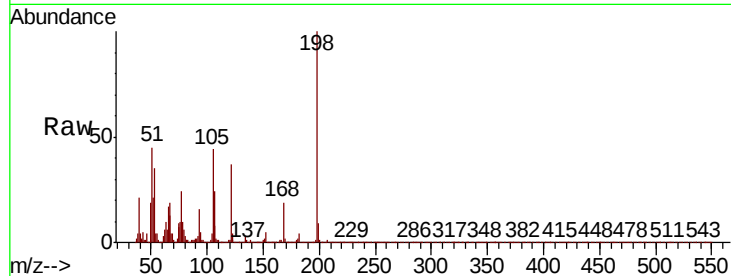
#65
4,6-Dinitro-2-methylphenol
Concen: 44.442 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	200580		
51	44.6		24.2	64.2
105	44.0		20.7	60.7

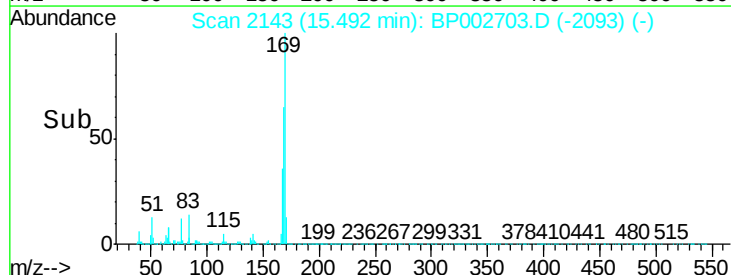
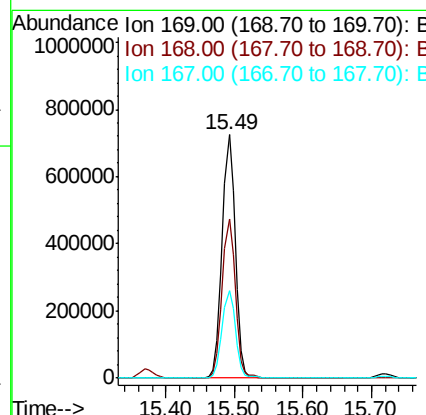
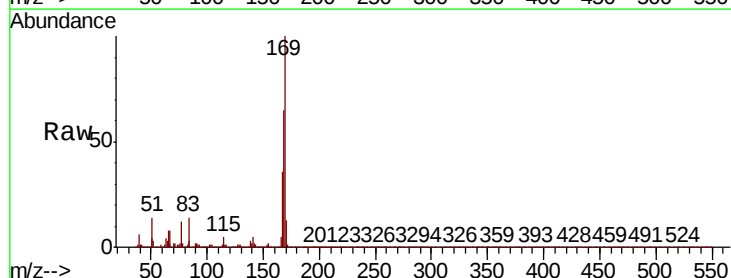
Manual Integrations
APPROVED

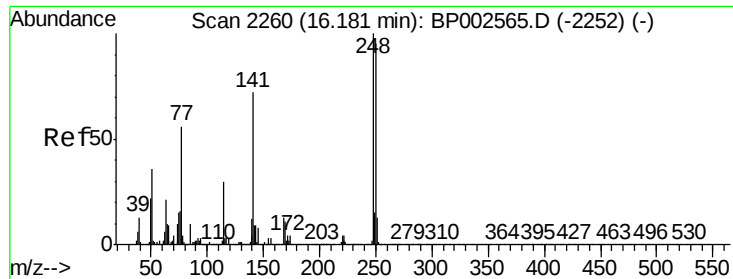
mohammad
7/10/2020 11:52:13 AM



#66
n-Nitrosodiphenylamine
Concen: 46.316 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	952682		
168	65.3		53.5	80.3
167	36.0		29.1	43.7





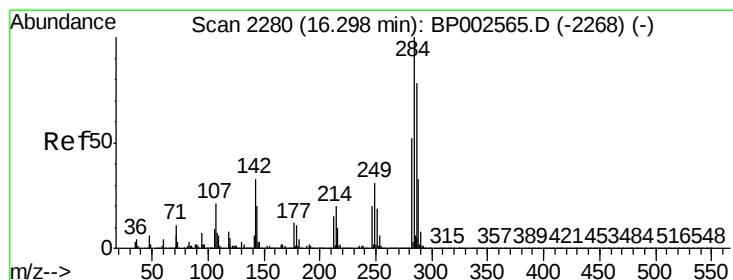
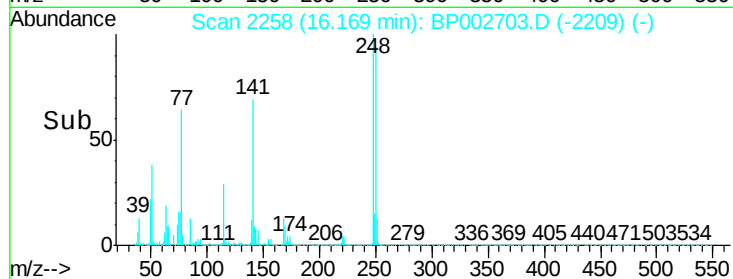
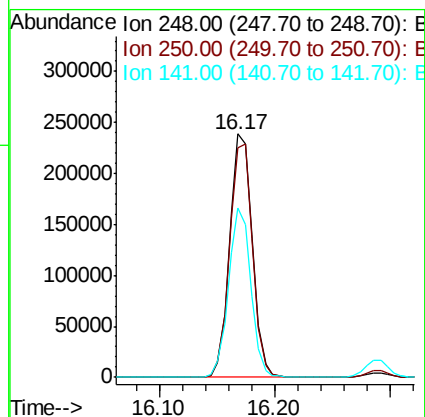
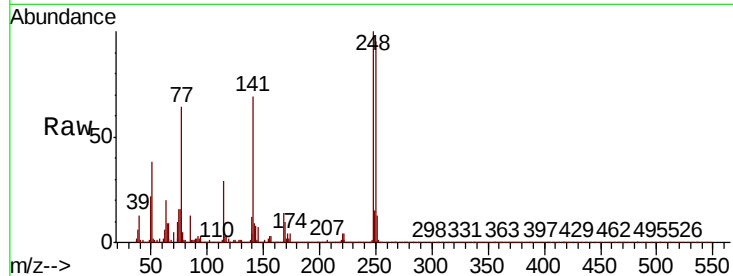
#67
4-Bromophenyl-phenylether
Concen: 41.008 ng
RT: 16.17 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.5	76.1	114.1
141	69.4	57.8	86.6

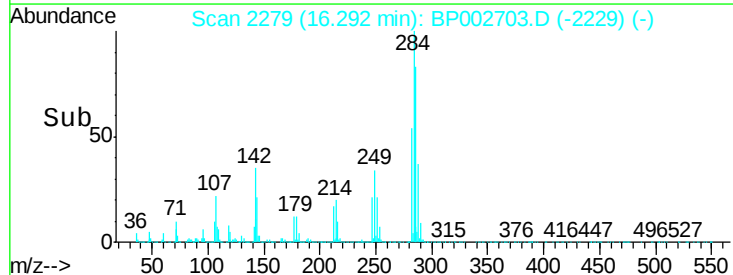
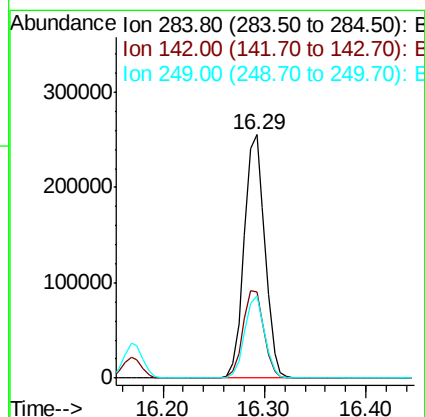
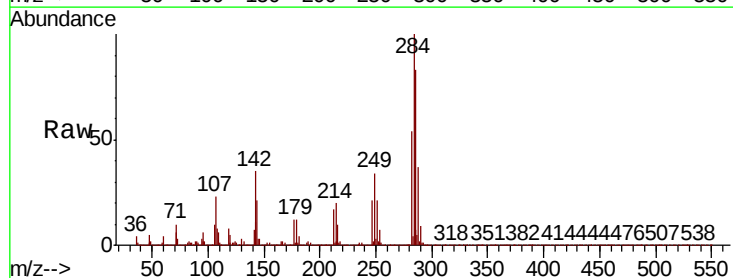
Manual Integrations
APPROVED

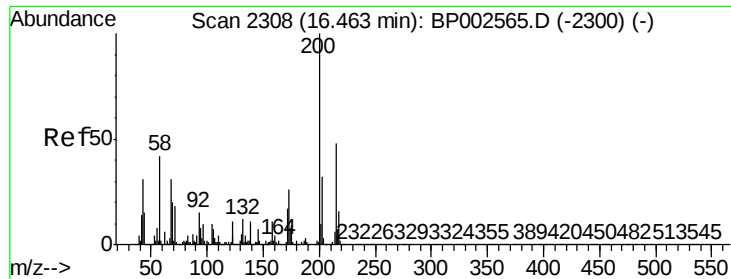
mohammad
7/10/2020 11:52:13 AM



#68
Hexachlorobenzene
Concen: 42.543 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.3	26.6	40.0
249	33.8	25.1	37.7





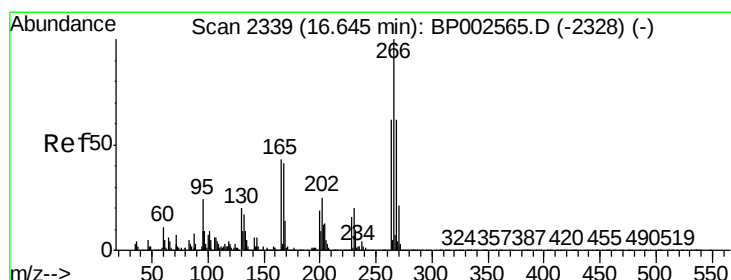
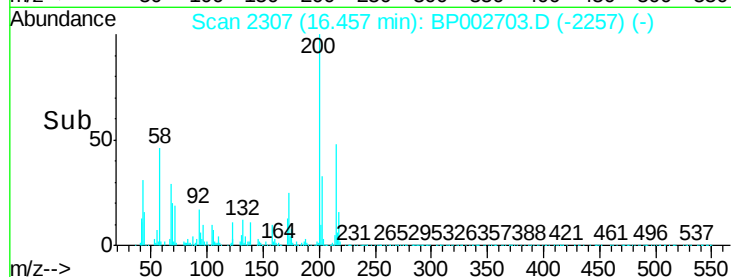
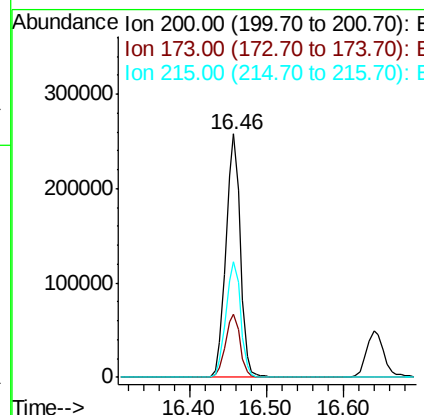
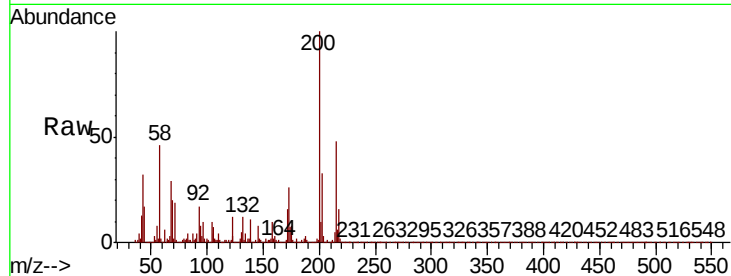
#69
Atrazine
Concen: 50.437 ng
RT: 16.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.9	6.3	46.3
215	47.7	28.3	68.3

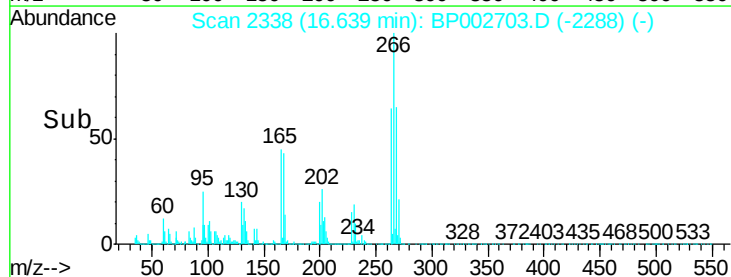
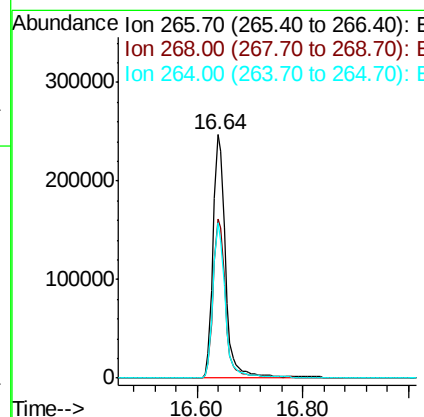
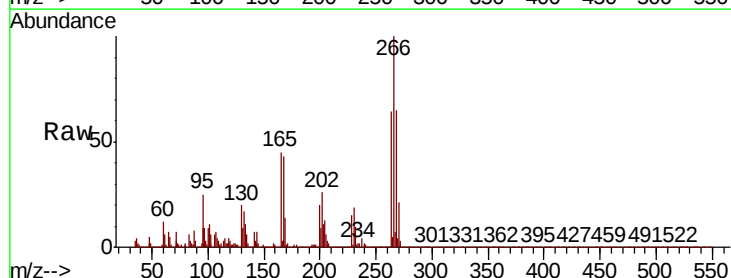
Manual Integrations
APPROVED

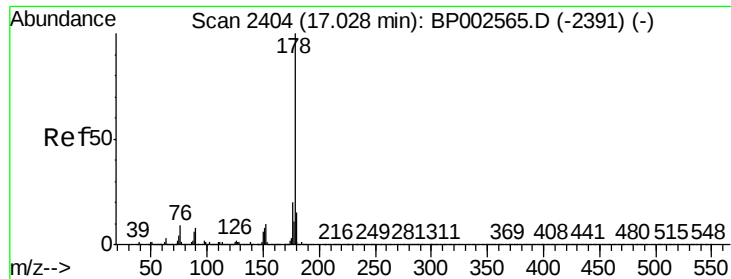
mohammad
7/10/2020 11:52:13 AM



#70
Pentachlorophenol
Concen: 84.344 ng
RT: 16.64 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.3	49.7	74.5
264	63.9	49.3	73.9





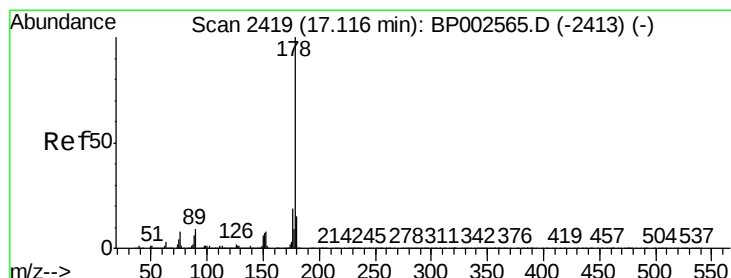
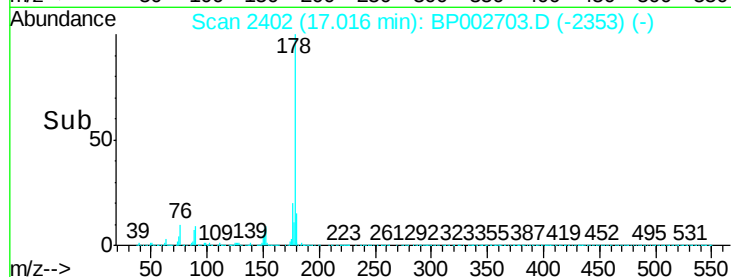
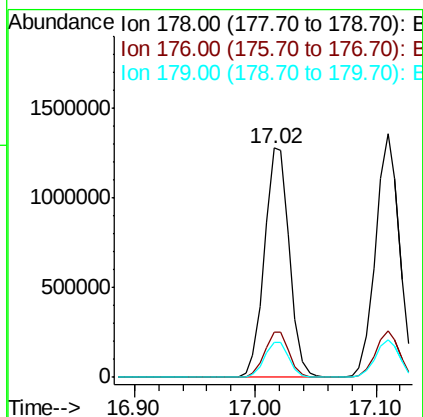
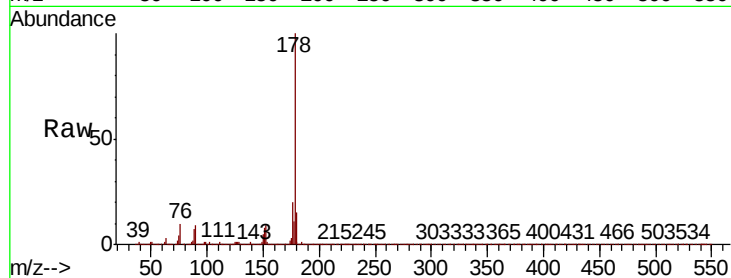
#71
Phenanthrene
Concen: 48.519 ng
RT: 17.02 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.3	12.1	18.1

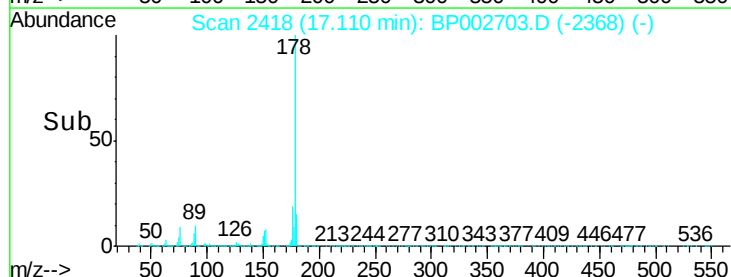
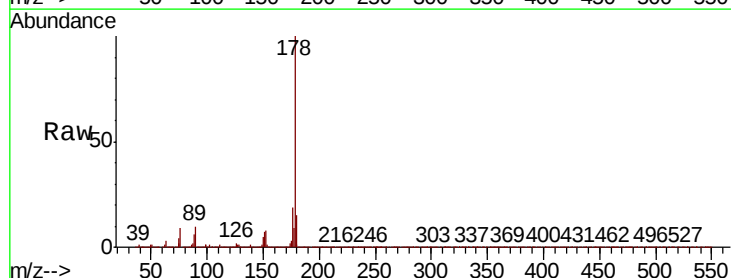
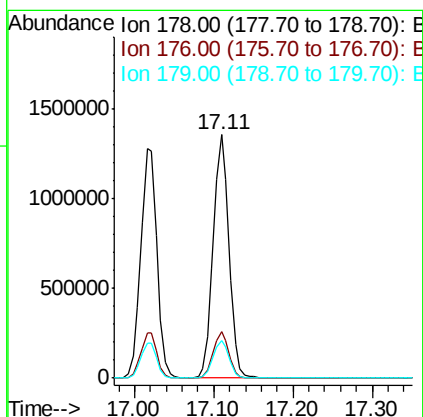
Manual Integrations
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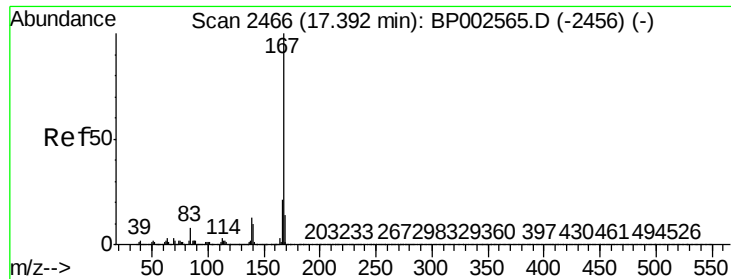
mohammad
7/10/2020 11:52:13 AM



#72
Anthracene
Concen: 49.744 ng
RT: 17.11 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.2	12.2	18.2





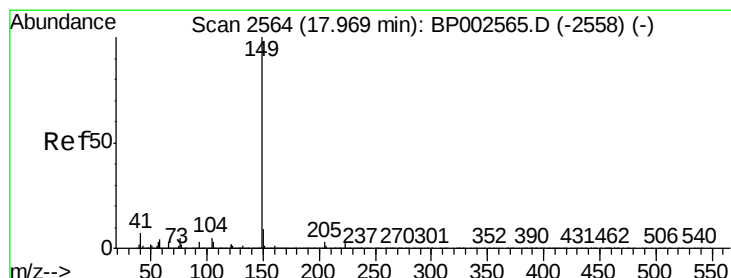
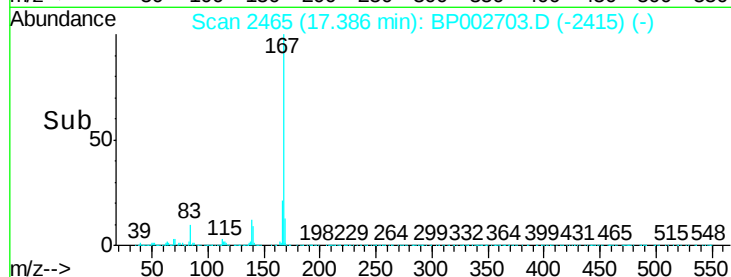
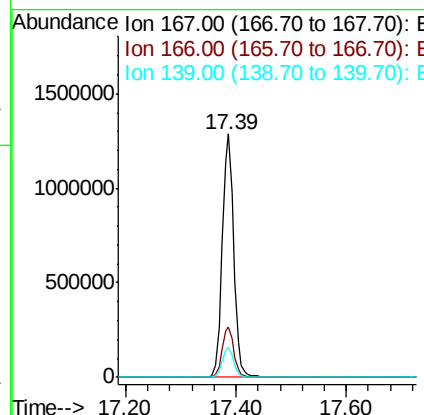
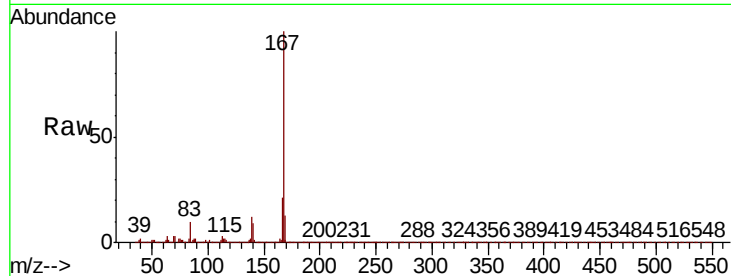
#73
 Carbazole
 Concen: 51.386 ng
 RT: 17.39 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

Tot Ion:167 Resp: 1873469
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.1 25.7
 139 12.2 10.5 15.7

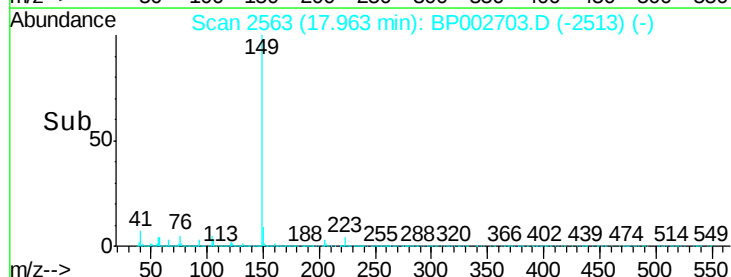
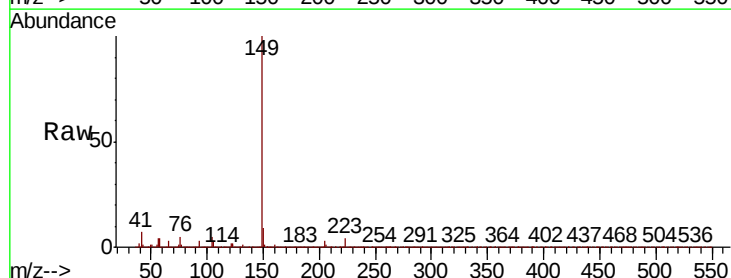
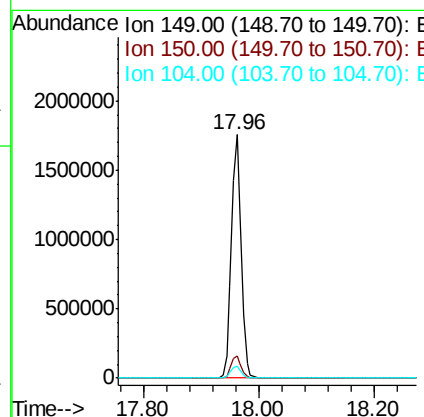
Manual Integrations
 APPROVED

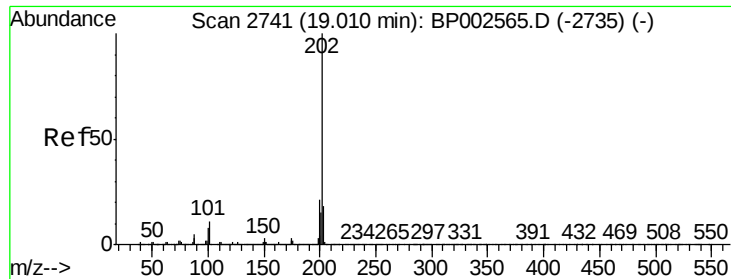
mohammad
 7/10/2020 11:52:13 AM



#74
 Di-n-butylphthalate
 Concen: 48.293 ng
 RT: 17.96 min Scan# 2563
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Tgt Ion:149 Resp: 2073611
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.0 4.2 6.4





#75

Fluoranthene

Concen: 51.936 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

Tot Ion:202 Resp: 2383288

Ion Ratio Lower Upper

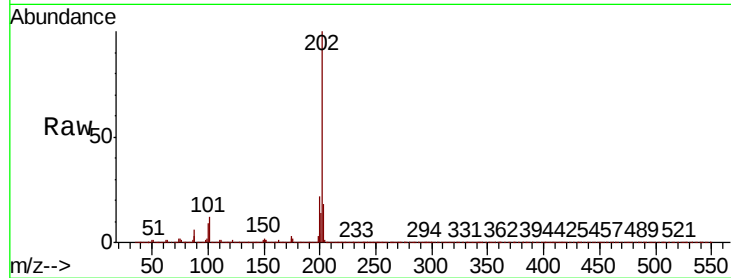
202 100

101 12.0 0.0 30.6

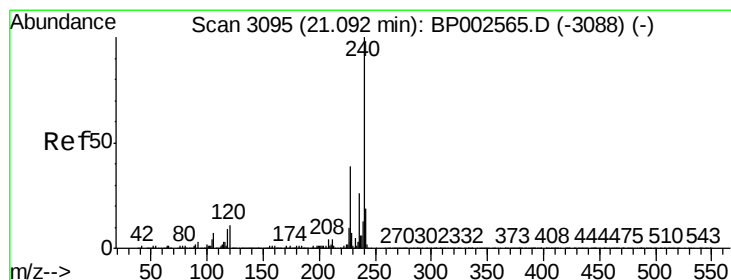
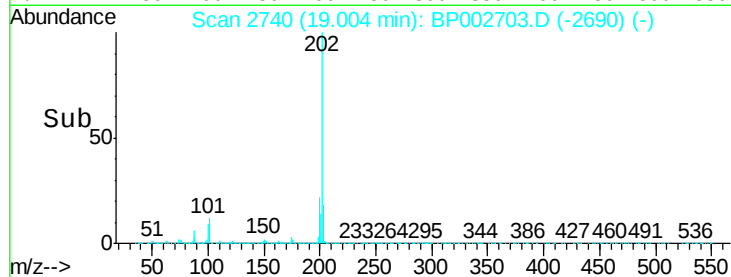
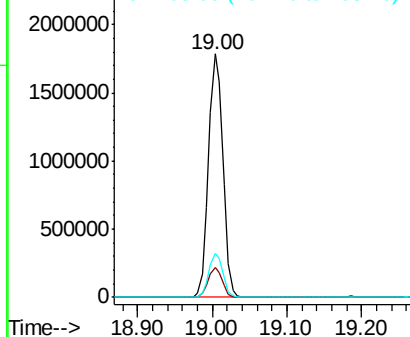
203 17.9 0.0 37.7

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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

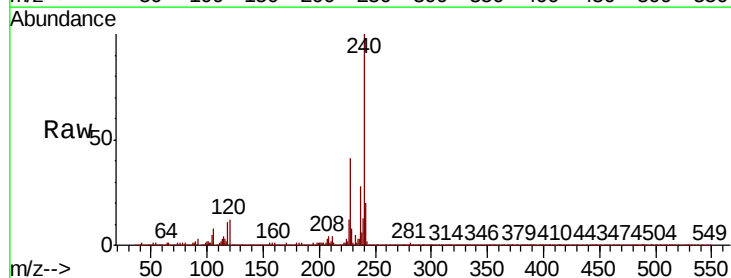
Tgt Ion:240 Resp: 787182

Ion Ratio Lower Upper

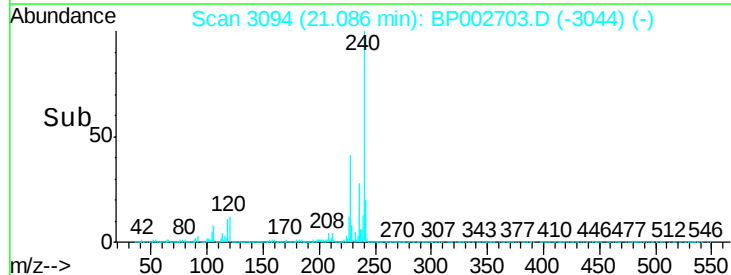
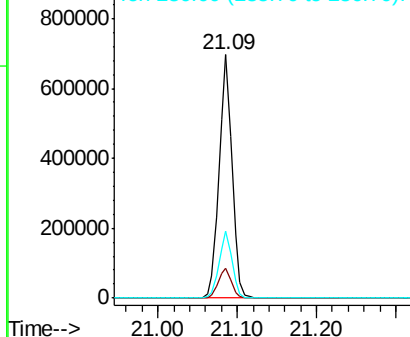
240 100

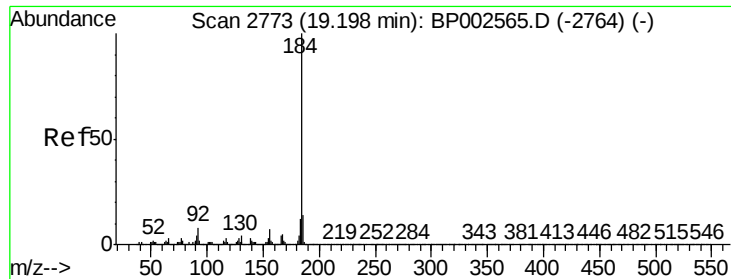
120 12.1 8.6 13.0

236 27.7 20.8 31.2



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





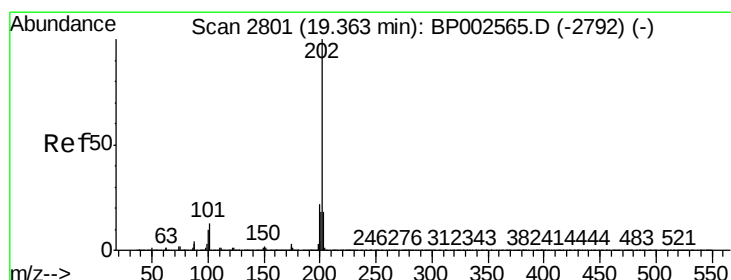
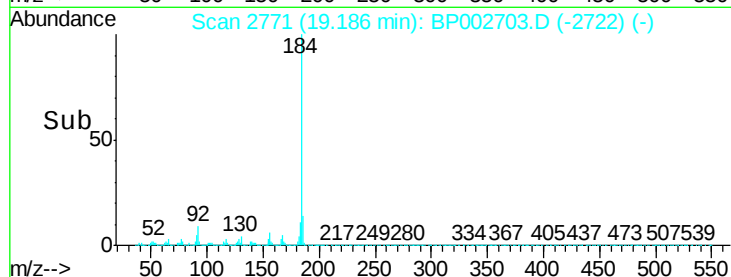
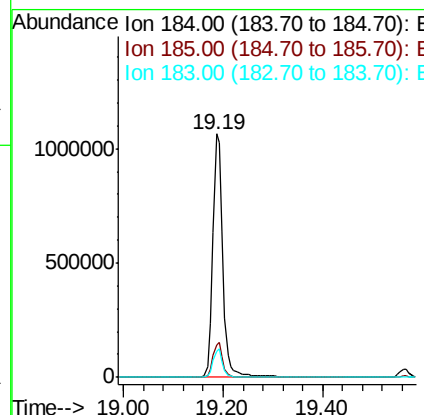
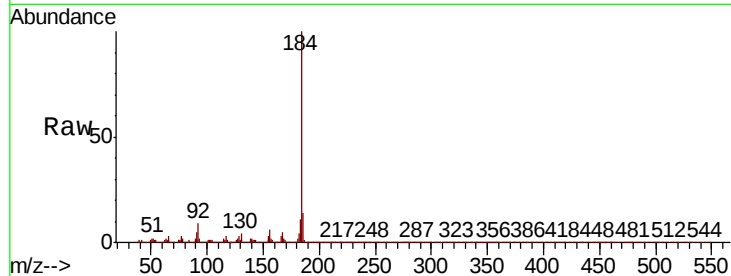
#77
Benzidine
Concen: Below Cal
RT: 19.19 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion:184 Resp: 1515299
Ion Ratio Lower Upper
184 100
185 13.6 11.4 17.2
183 10.7 9.2 13.8

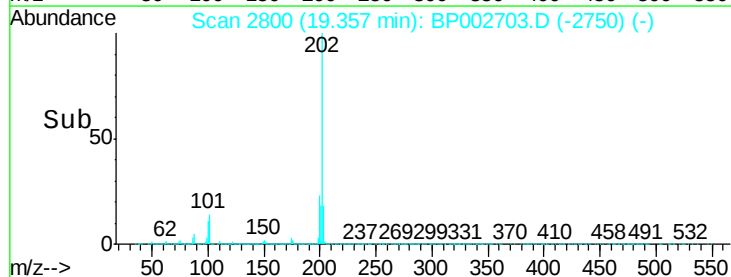
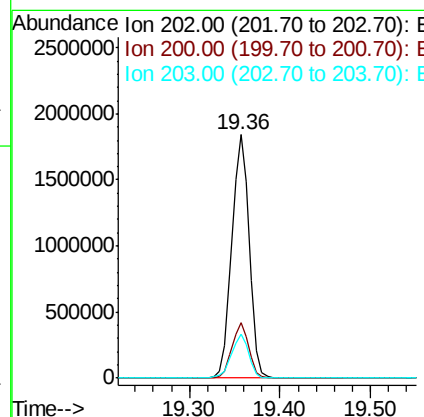
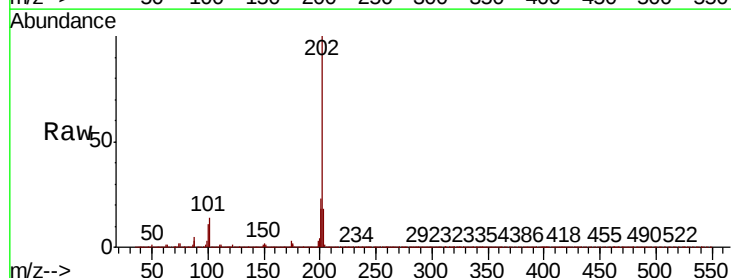
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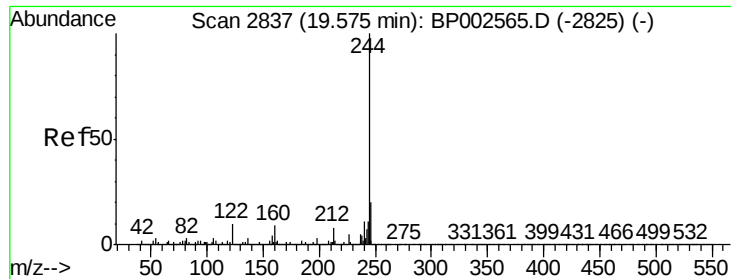
mohammad
7/10/2020 11:52:13 AM



#78
Pyrene
Concen: 45.799 ng
RT: 19.36 min Scan# 2800
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:202 Resp: 2453950
Ion Ratio Lower Upper
202 100
200 22.6 17.6 26.4
203 18.0 14.4 21.6





#79

Terphenyl-d14

Concen: 85.242 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

Tot Ion:244 Resp: 3108698

Ion Ratio Lower Upper

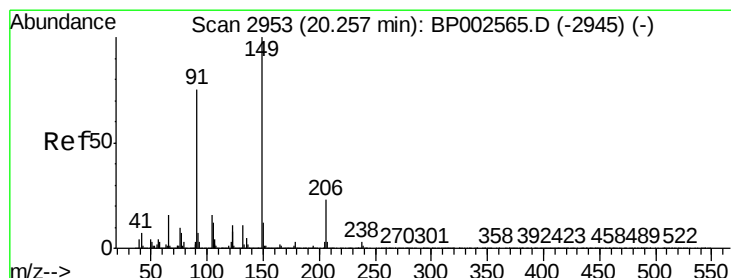
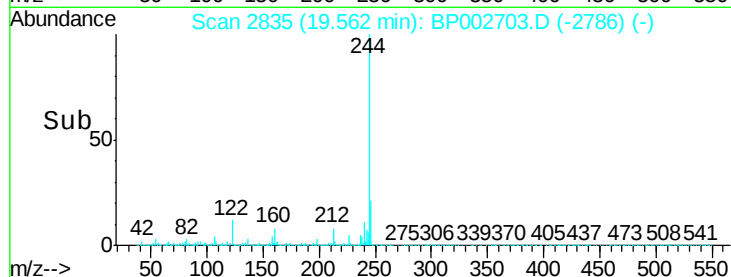
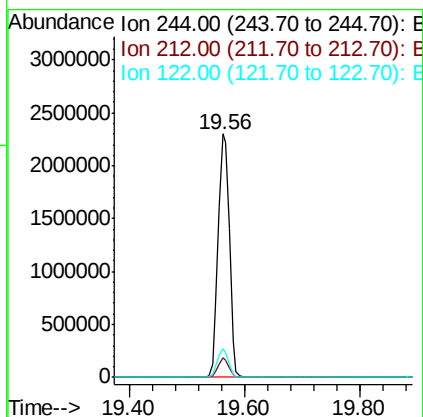
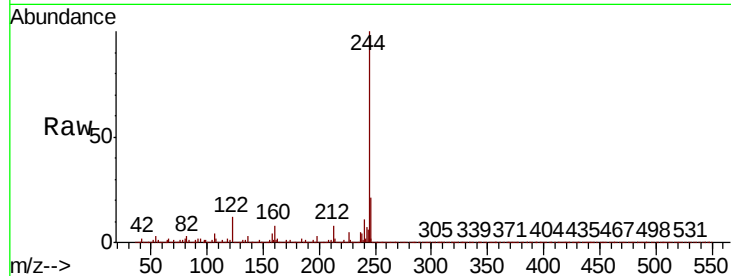
244 100

212 7.8 6.5 9.7

122 11.7 7.9 11.9

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 45.419 ng

RT: 20.25 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

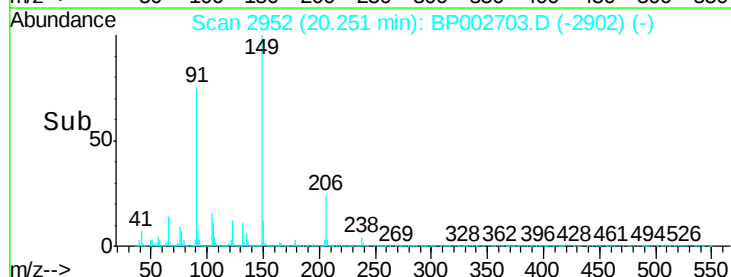
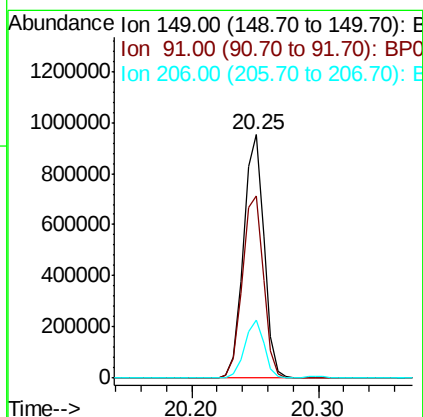
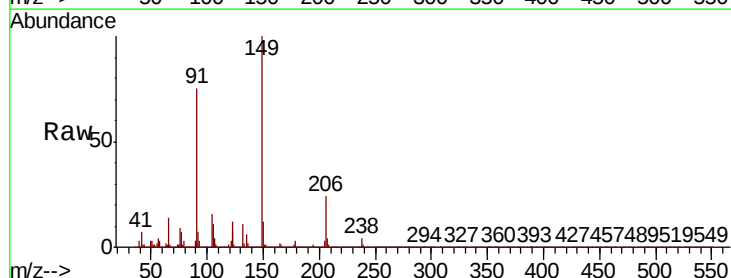
Tgt Ion:149 Resp: 1062436

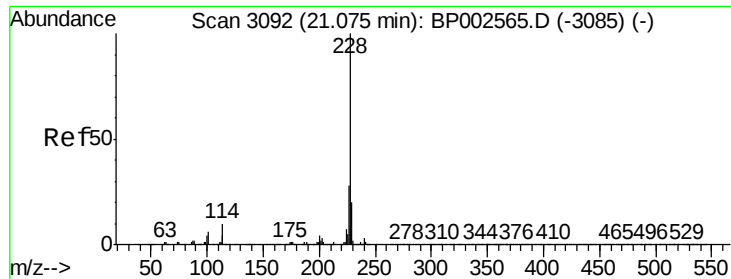
Ion Ratio Lower Upper

149 100

91 75.0 59.8 89.6

206 23.9 18.2 27.4





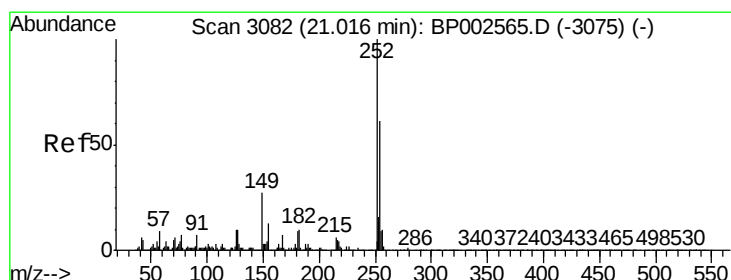
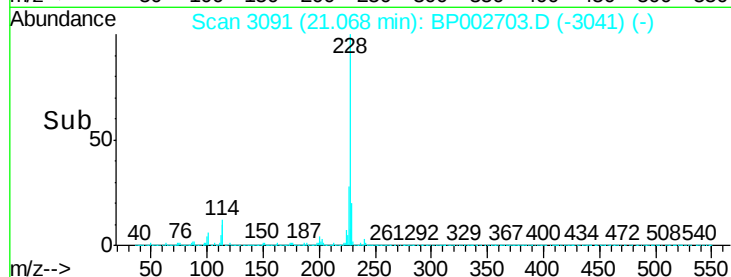
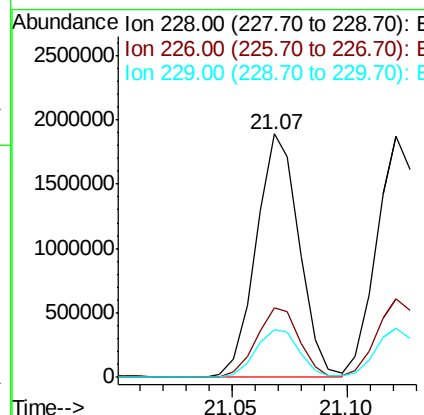
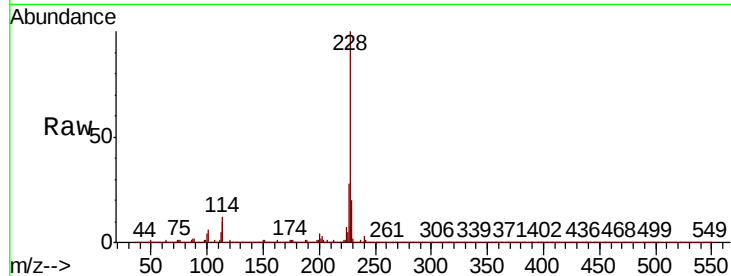
#81
Benzo(a)anthracene
Concen: 47.610 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion:228 Resp: 2450166
Ion Ratio Lower Upper
228 100
226 28.3 22.5 33.7
229 19.8 16.4 24.6

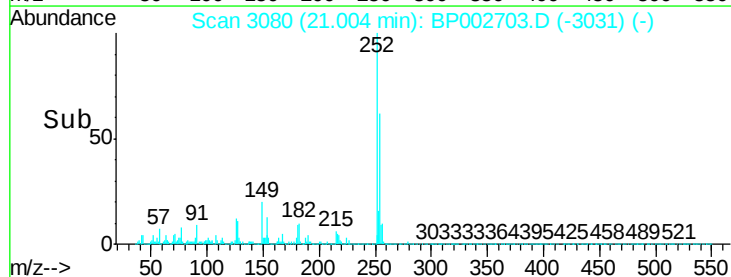
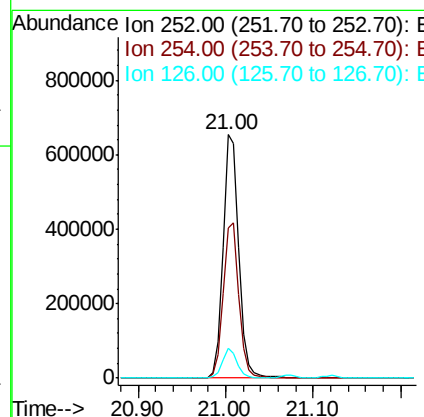
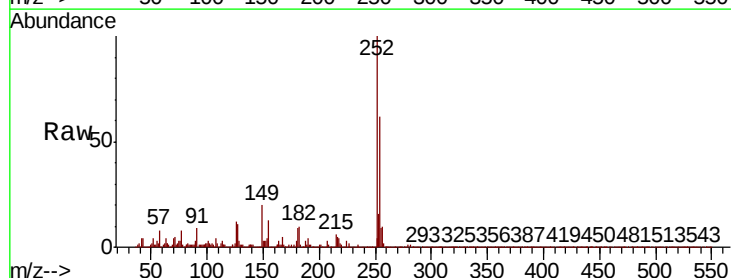
Manual Integrations
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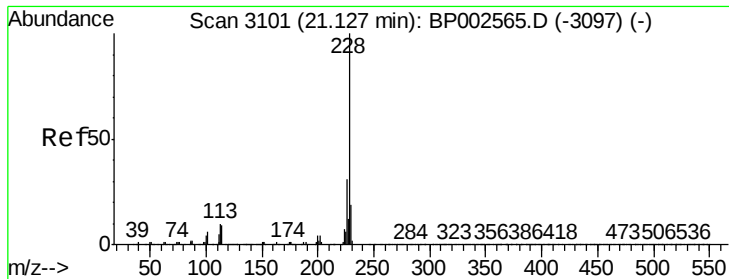
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 43.092 ng
RT: 21.00 min Scan# 3080
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:252 Resp: 811897
Ion Ratio Lower Upper
252 100
254 61.6 49.0 73.6
126 12.1 7.9 11.9#





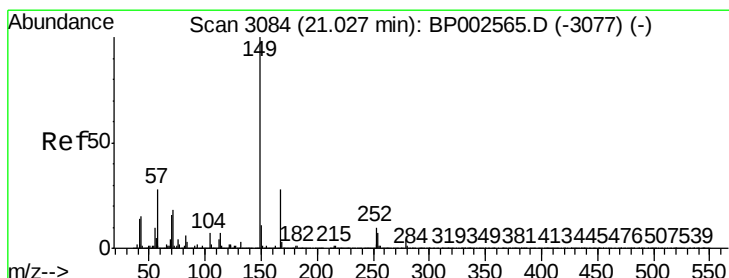
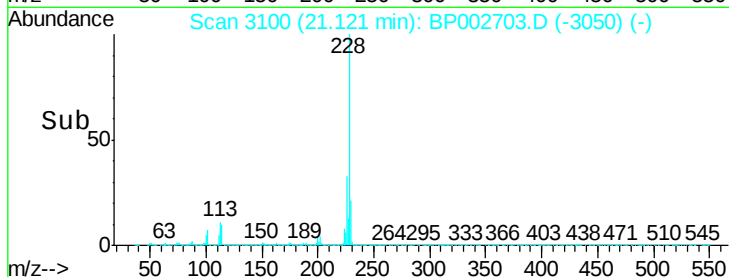
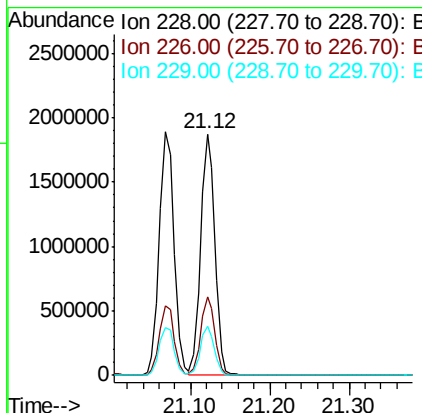
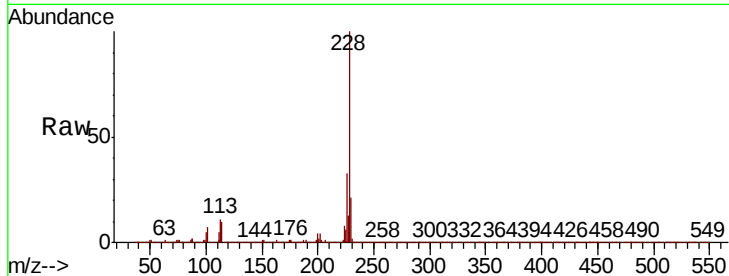
#83
Chrysene
Concen: 48.030 ng
RT: 21.12 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion:228 Resp: 2370233
Ion Ratio Lower Upper
228 100
226 32.5 24.6 37.0
229 20.5 15.6 23.4

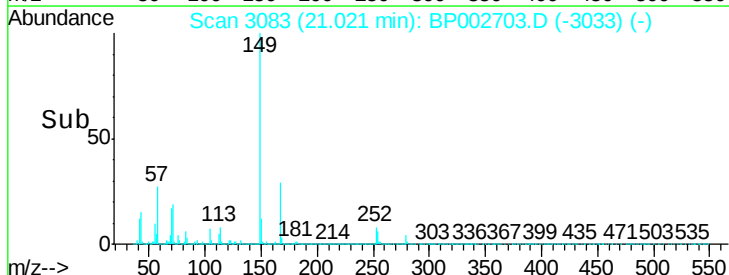
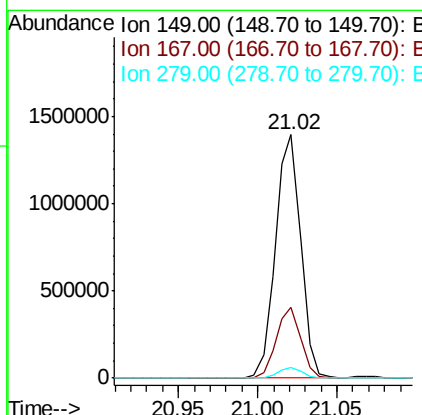
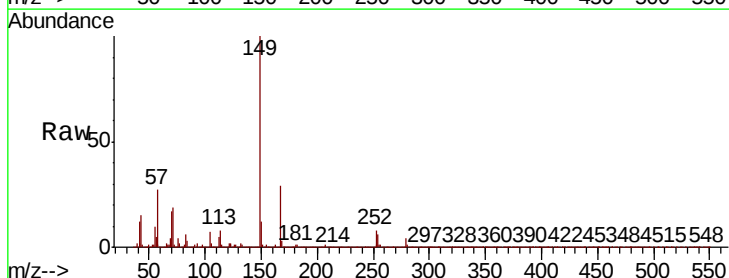
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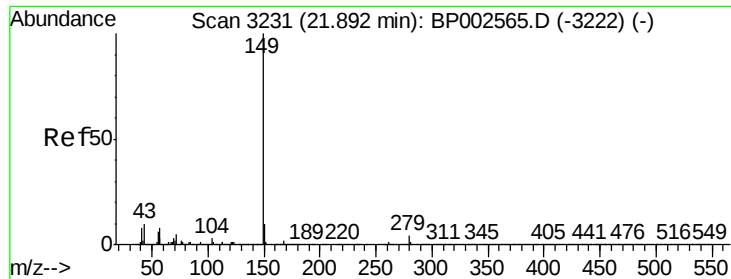
mohammad
7/10/2020 11:52:13 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.809 ng
RT: 21.02 min Scan# 3083
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:149 Resp: 1538704
Ion Ratio Lower Upper
149 100
167 29.0 22.1 33.1
279 4.5 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 48.807 ng

RT: 21.88 min Scan# 3229

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

Instrument :

BNA_P

ClientSampleId :

PB130070BS

Tot Ion:149 Resp: 2895617

Ion Ratio Lower Upper

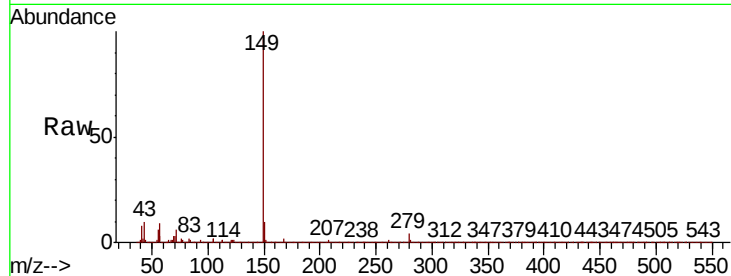
149 100

167 1.6 1.3 1.9

43 10.0 7.6 11.4

Manual Integrations
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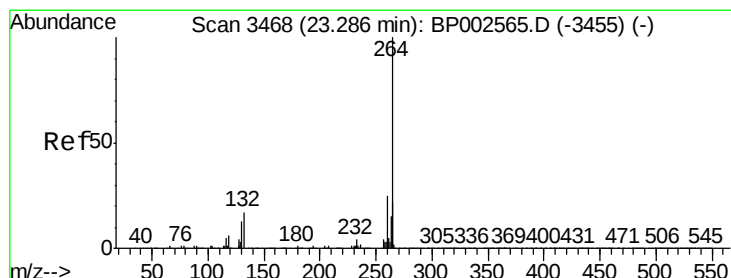
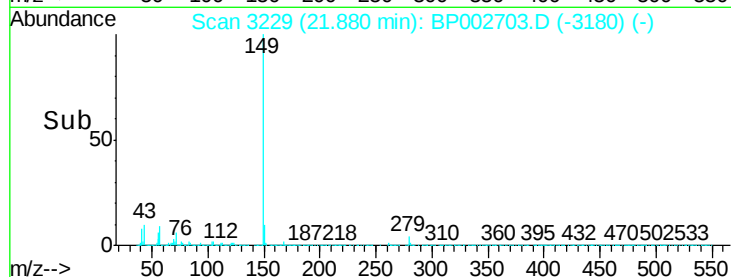
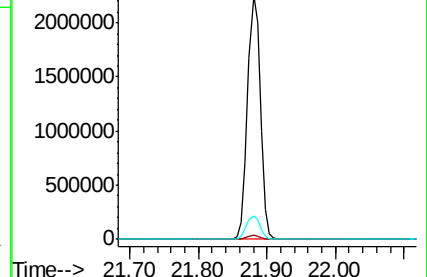
mohammad
7/10/2020 11:52:13 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002703.D

Acq: 09 Jul 2020 18:31

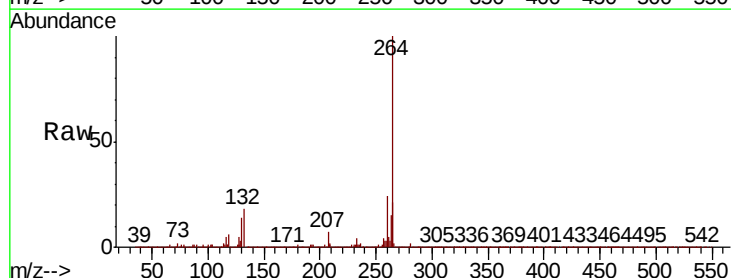
Tgt Ion:264 Resp: 937041

Ion Ratio Lower Upper

264 100

260 23.7 19.7 29.5

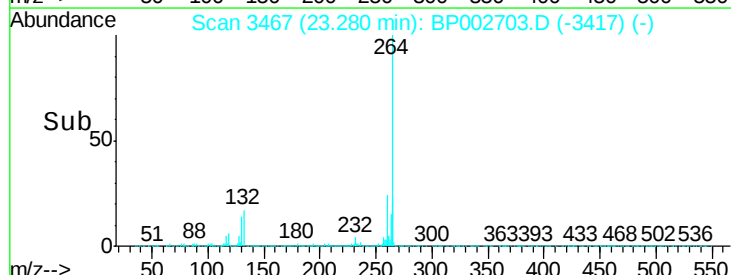
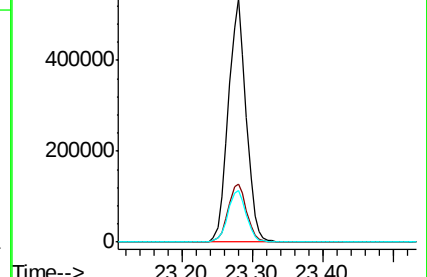
265 21.2 17.6 26.4

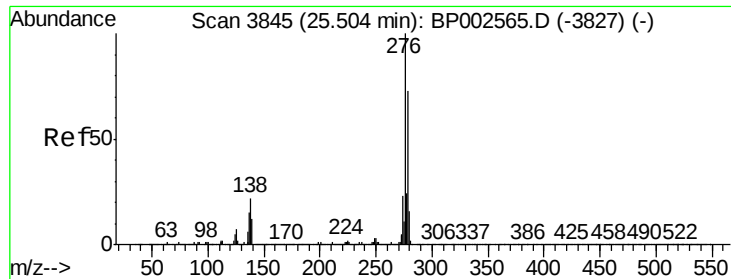


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





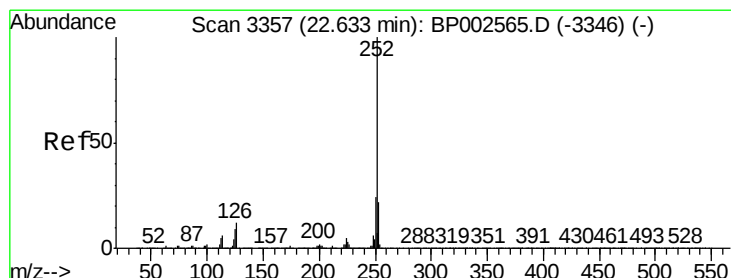
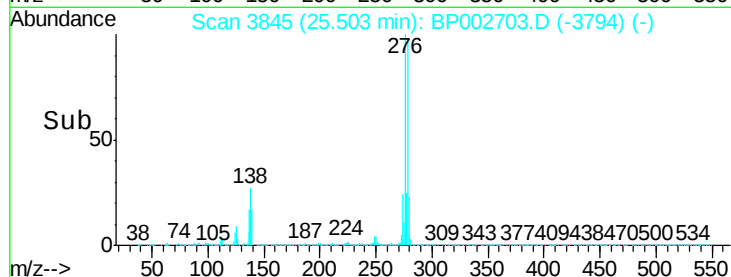
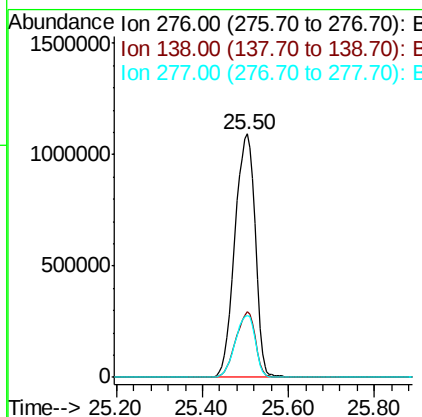
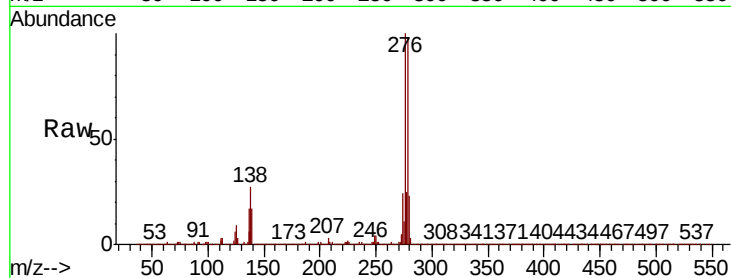
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 52.998 ng
 RT: 25.50 min Scan# 3845
 Delta R.T. -0.00 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Instrument :
 BNA_P
 ClientSampleId :
 PB130070BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.8	18.6	27.8
277	25.2	20.1	30.1

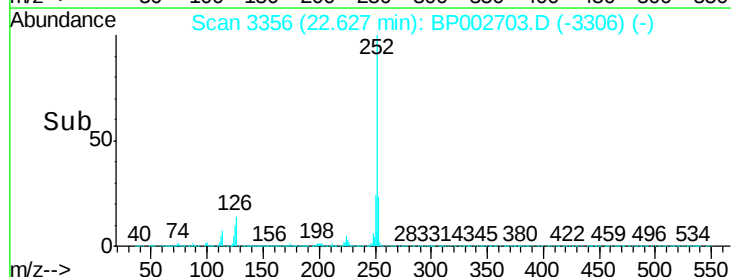
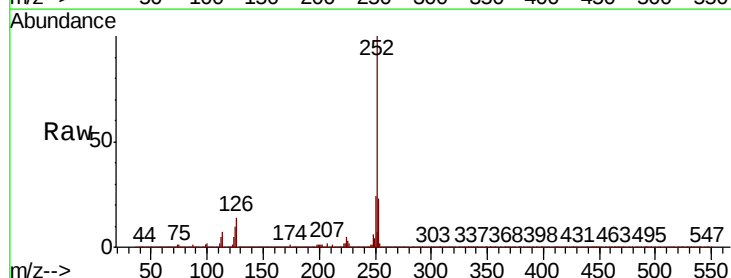
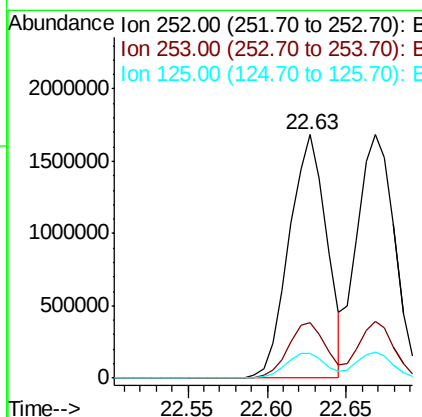
Manual Integrations
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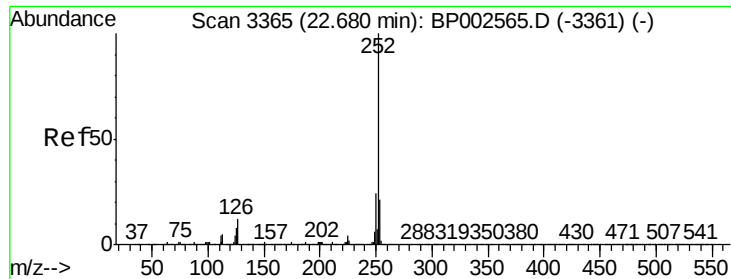
mohammad
 7/10/2020 11:52:13 AM



#88
 Benzo(b)fluoranthene
 Concen: 46.230 ng
 RT: 22.63 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BP002703.D
 Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	10.0	7.4	11.2





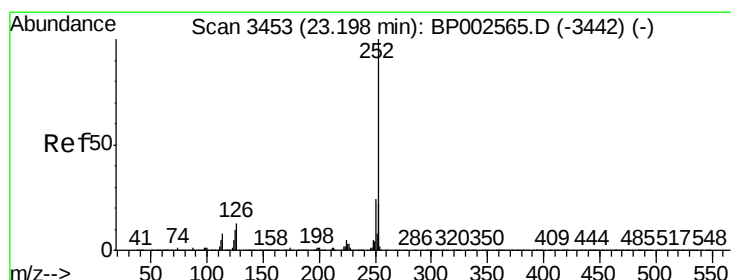
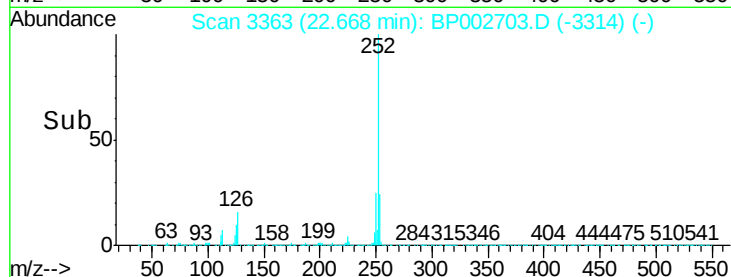
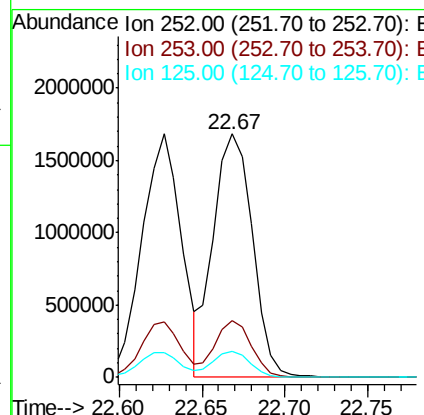
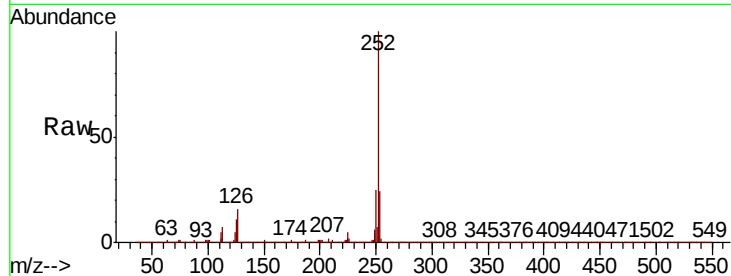
#89
Benzo(k)fluoranthene
Concen: 50.094 ng m
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.0
125	10.5	6.9	10.3

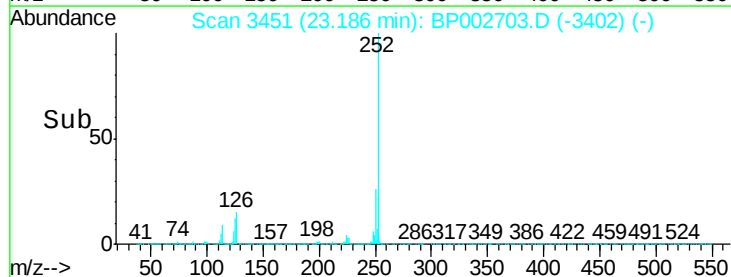
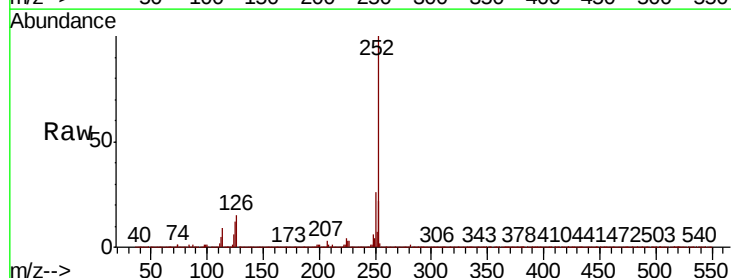
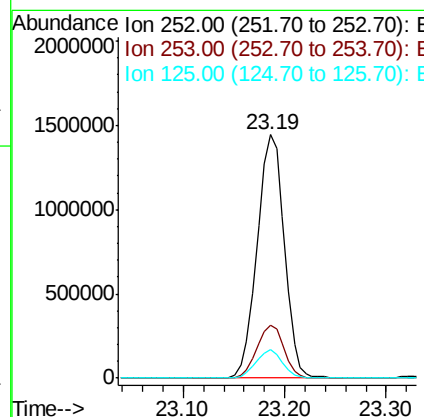
Manual Integrations
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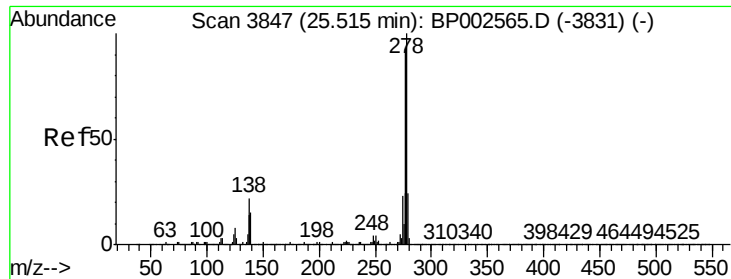
mohammad
7/10/2020 11:52:13 AM



#90
Benzo(a)pyrene
Concen: 48.849 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	11.5	7.8	11.8





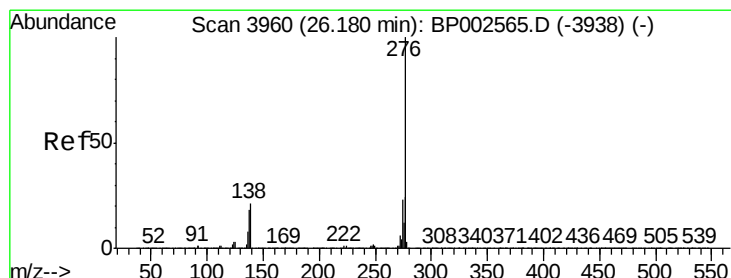
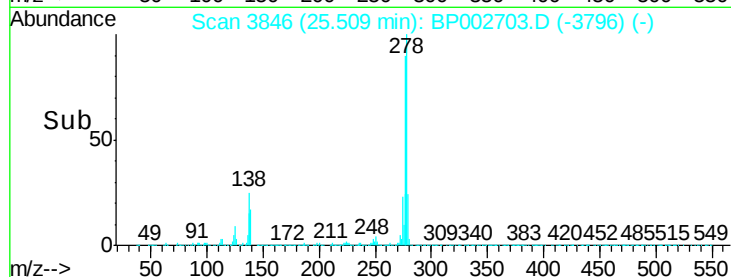
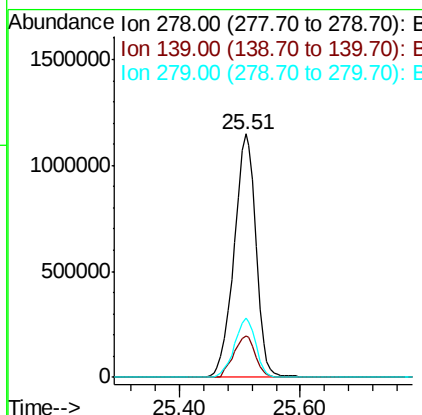
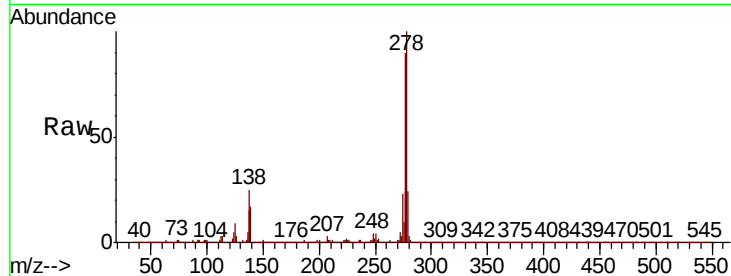
#91
Dibenzo(a,h)anthracene
Concen: 52.489 ng
RT: 25.51 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Instrument :
BNA_P
ClientSampleId :
PB130070BS

Tot Ion:278 Resp: 2893770
Ion Ratio Lower Upper
278 100
139 17.2 12.2 18.2
279 24.1 19.0 28.6

Manual Integrations
APPROVED

mohammad
7/10/2020 11:52:13 AM



#92
Benzo(g,h,i)perylene
Concen: 54.874 ng
RT: 26.17 min Scan# 3959
Delta R.T. -0.01 min
Lab File: BP002703.D
Acq: 09 Jul 2020 18:31

Tgt Ion:276 Resp: 3025569
Ion Ratio Lower Upper
276 100
277 23.6 19.3 28.9
138 21.8 16.9 25.3

