

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002929.D
 Acq On : 07 Aug 2020 12:22
 Operator : CG/JU
 Sample : PB130746BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

Manual Integrations
 APPROVED

mohammad
 8/10/2020 3:44:54 PM

Quant Time: Aug 07 14:17:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	520869	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2076525	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1235452	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2334238	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1807976	20.00	ng	0.00
86) Perylene-d12	23.45	264	1705257	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	3469525	101.95	ng	0.00
7) Phenol-d6	6.89	99	4341048	91.87	ng	0.00
23) Nitrobenzene-d5	8.86	82	2502450	65.27	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1583696	103.14	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	6136924	67.87	ng	0.00
79) Terphenyl-d14	19.67	244	6754577	74.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	402212	27.532	ng	95
3) Pyridine	3.65	79	1069427	26.275	ng	96
4) n-Nitrosodimethylamine	3.56	42	360943	30.189	ng	93
6) Aniline	7.04	93	2002466	36.529	ng	95
8) 2-Chlorophenol	7.28	128	1423147	39.220	ng	94
9) Benzaldehyde	6.85	77	894309	35.549	ng	89
10) Phenol	6.92	94	1747725	36.727	ng	95
11) bis(2-Chloroethyl)ether	7.14	93	1291369	35.282	ng	94
12) 1,3-Dichlorobenzene	7.60	146	1485957	36.282	ng	96
13) 1,4-Dichlorobenzene	7.75	146	1510752	36.494	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1460092	36.984	ng	98
15) Benzyl Alcohol	7.95	79	1087249	34.875	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1078064	31.351	ng	97
17) 2-Methylphenol	8.16	107	1173626	38.595	ng	97
18) Hexachloroethane	8.79	117	522099	36.158	ng	97
19) n-Nitroso-di-n-propylamine	8.52	70	870794	31.985	ng	95
20) 3+4-Methylphenols	8.48	107	1591388	38.831	ng	97
22) Acetophenone	8.53	105	1972471	33.667	ng	97
24) Nitrobenzene	8.90	77	1327772	31.900	ng	91
25) Isophorone	9.43	82	2569865	31.201	ng	96
26) 2-Nitrophenol	9.60	139	710627	41.571	ng	91
27) 2,4-Dimethylphenol	9.68	122	1304423	39.769	ng	96
28) bis(2-Chloroethoxy)methane	9.91	93	1687834	36.730	ng	100
29) 2,4-Dichlorophenol	10.15	162	1368173	39.633	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	1461305	36.211	ng	99
31) Naphthalene	10.55	128	4067890	34.221	ng	100
32) Benzoic acid	9.83	122	829872	43.817	ng	93
33) 4-Chloroaniline	10.65	127	1655027	33.596	ng	97
34) Hexachlorobutadiene	10.85	225	879627	35.619	ng	99
35) Caprolactam	11.41	113	399953	37.444	ng	87
36) 4-Chloro-3-methylphenol	11.78	107	1301159	36.259	ng	97
37) 2-Methylnaphthalene	12.16	142	3003412	35.520	ng	99
38) 1-Methylnaphthalene	12.38	142	2810331	35.308	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1629303	36.680	ng	99

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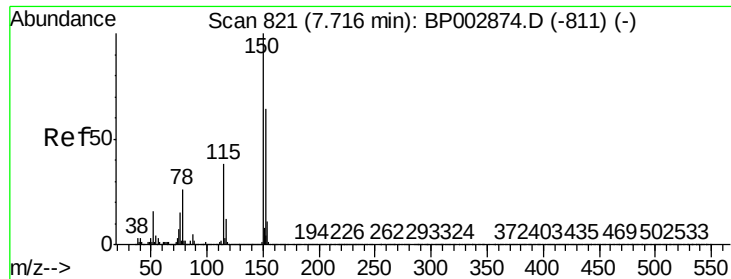
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
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 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	2235601	97.018	nq	100
43) 2,4,6-Trichlorophenol	12.78	196	1066352	41.421	nq	99
44) 2,4,5-Trichlorophenol	12.85	196	1139249	40.339	nq	96
46) 1,1'-Biphenyl	13.18	154	3687985	36.110	nq	98
47) 2-Chloronaphthalene	13.22	162	2859152	35.750	nq	98
48) 2-Nitroaniline	13.42	65	639865	33.393	nq	# 84
49) Acenaphthylene	14.07	152	4459364	35.554	nq	100
50) Dimethylphthalate	13.82	163	3393283	35.117	nq	100
51) 2,6-Dinitrotoluene	13.92	165	753785	35.415	nq	# 83
52) Acenaphthene	14.42	154	3050949m	37.846	nq	
53) 3-Nitroaniline	14.25	138	674245	30.743	nq	91
54) 2,4-Dinitrophenol	14.45	184	726536	79.257	nq	# 84
55) Dibenzofuran	14.75	168	4167887	33.706	nq	99
56) 4-Nitrophenol	14.56	139	1241267	72.442	nq	87
57) 2,4-Dinitrotoluene	14.71	165	972751	35.005	nq	90
58) Fluorene	15.40	166	3212449	33.181	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	977159	41.468	nq	96
60) Diethylphthalate	15.19	149	3193900	33.826	nq	99
61) 4-Chlorophenyl-phenylether	15.40	204	1767959	35.482	nq	97
62) 4-Nitroaniline	15.42	138	728336	33.263	nq	94
63) Azobenzene	15.69	77	2713839	28.550	nq	96
65) 4,6-Dinitro-2-methylphenol	15.48	198	480893	40.756	nq	88
66) n-Nitrosodiphenylamine	15.62	169	2866550	37.080	nq	100
67) 4-Bromophenyl-phenylether	16.30	248	1112966	39.191	nq	96
68) Hexachlorobenzene	16.42	284	1259336	38.340	nq	96
69) Atrazine	16.57	200	868093	33.144	nq	99
70) Pentachlorophenol	16.76	266	1504486	88.327	nq	99
71) Phenanthrene	17.15	178	4837531	35.342	nq	100
72) Anthracene	17.23	178	4948956	36.993	nq	100
73) Carbazole	17.50	167	4268046	32.668	nq	99
74) Di-n-butylphthalate	18.08	149	4957635	36.073	nq	99
75) Fluoranthene	19.12	202	5307299	33.653	nq	99
77) Benzidine	19.29	184	4154984	75.365	nq	99
78) Pyrene	19.47	202	5279281	41.770	nq	99
80) Butylbenzylphthalate	20.36	149	1899337	37.695	nq	88
81) Benzo(a)anthracene	21.17	228	4509077	36.614	nq	99
82) 3,3'-Dichlorobenzidine	21.11	252	1722592	35.340	nq	100
83) Chrysene	21.23	228	4236447	36.468	nq	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	2657665	37.994	nq	100
85) Di-n-octyl phthalate	22.01	149	4165035	36.246	nq	# 96
87) Indeno(1,2,3-cd)pyrene	25.76	276	5553739	40.666	nq	98
88) Benzo(b)fluoranthene	22.77	252	4312326	35.836	nq	99
89) Benzo(k)fluoranthene	22.82	252	4252009	37.384	nq	100
90) Benzo(a)pyrene	23.35	252	3917123	36.025	nq	99
91) Dibenzo(a,h)anthracene	25.77	278	4632086	39.852	nq	99
92) Benzo(g,h,i)perylene	26.46	276	4717907	41.975	nq	99

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



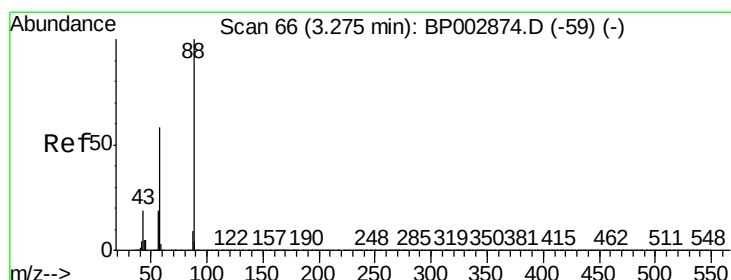
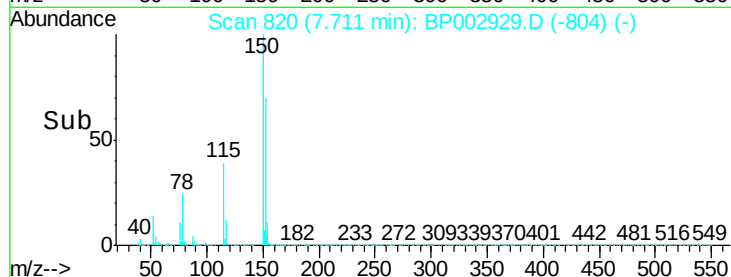
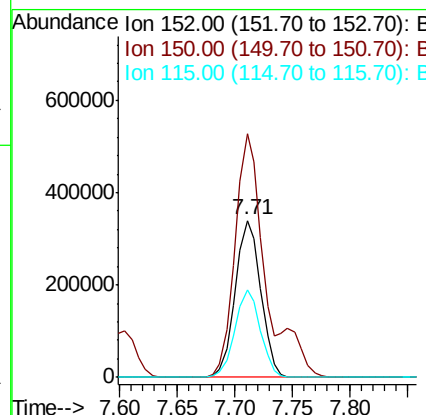
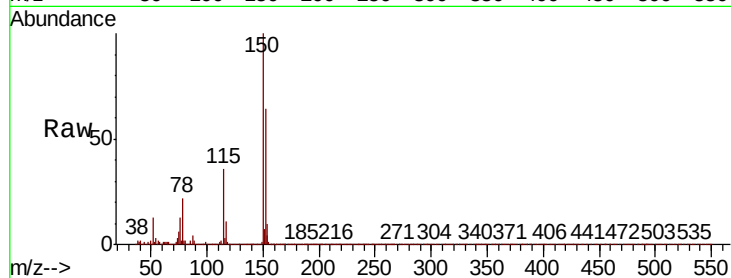
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.8	187.2
115	55.6	47.4	71.2

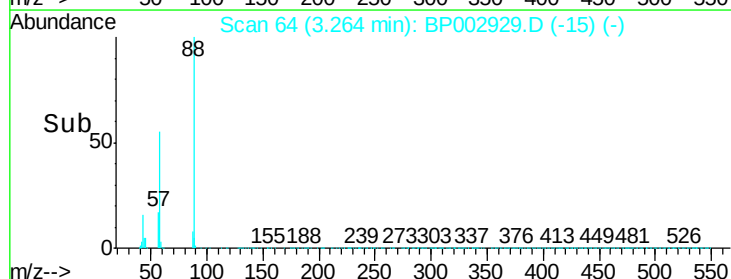
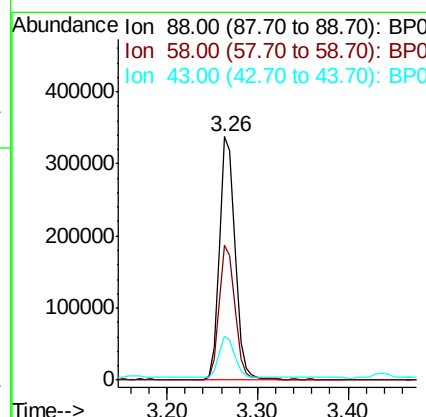
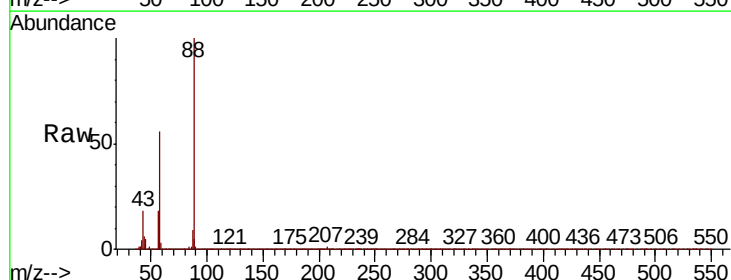
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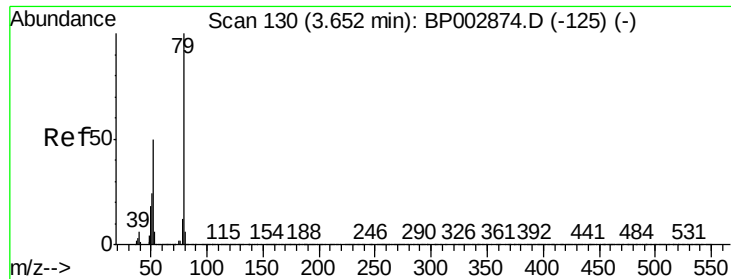
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#2
1,4-Dioxane
Concen: 27.532 ng
RT: 3.26 min Scan# 64
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.5	47.4	71.0
43	17.5	15.2	22.8





#3

Pvridine

Concen: 26.275 ng

RT: 3.65 min Scan# 129

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

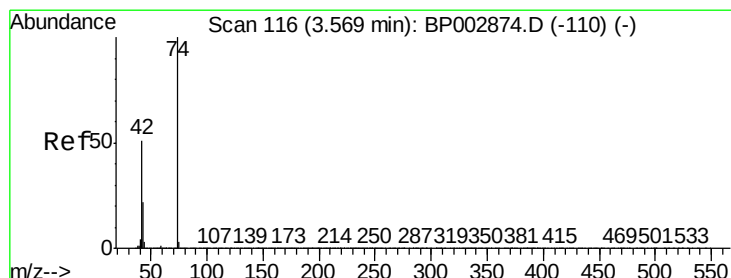
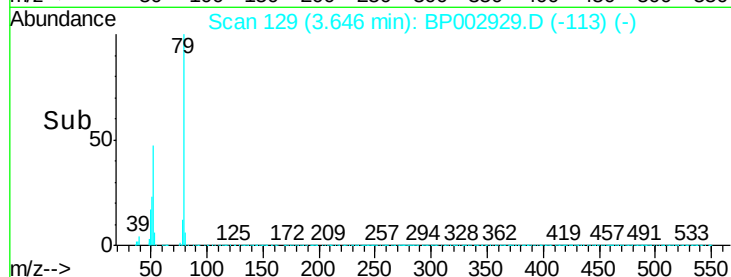
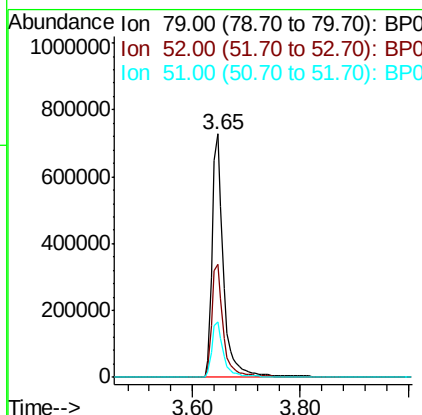
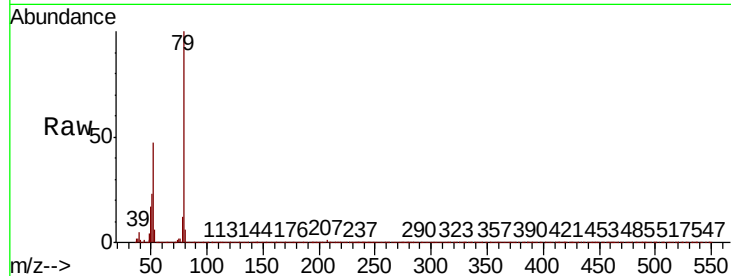
ClientSampleId :

PB130746BS

Tot Ion:	79	Resp:	1069427
Ion	Ratio	Lower	Upper
79	100		
52	46.7	40.0	60.0
51	23.0	19.4	29.2

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#4

n-Nitrosodimethylamine

Concen: 30.189 ng

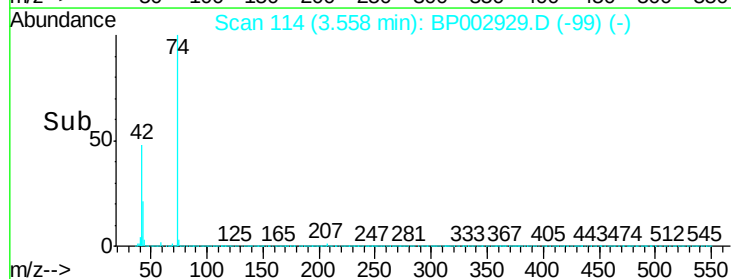
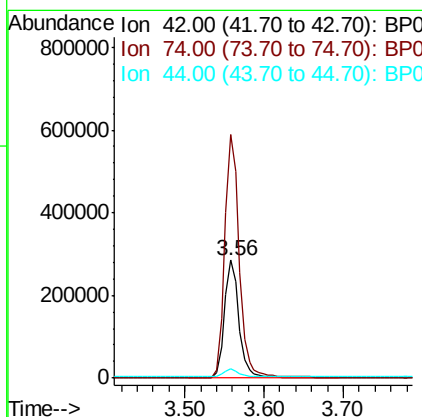
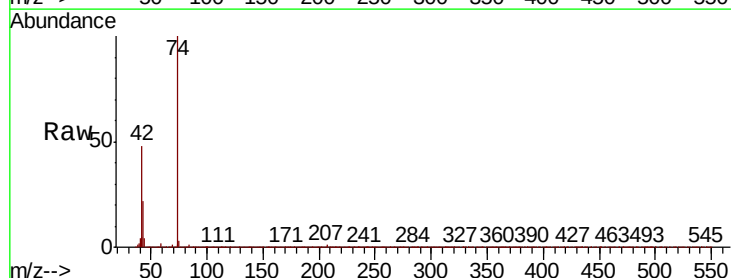
RT: 3.56 min Scan# 114

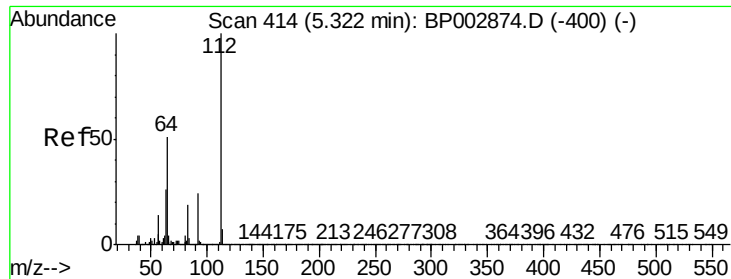
Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:	42	Resp:	360943
Ion	Ratio	Lower	Upper
42	100		
74	206.6	156.1	234.1
44	7.6	6.0	9.0





#5

2-Fluorophenol

Concen: 101.947 ng

RT: 5.32 min Scan# 413

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

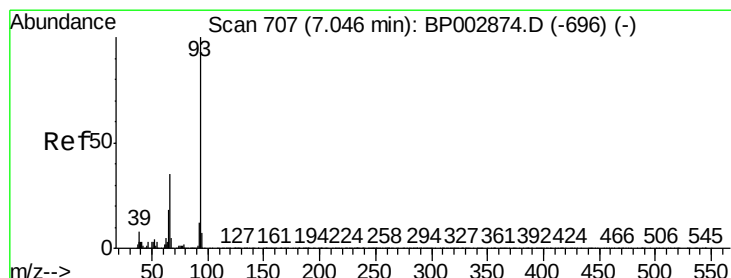
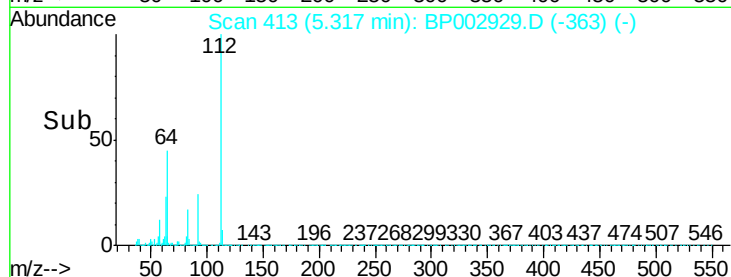
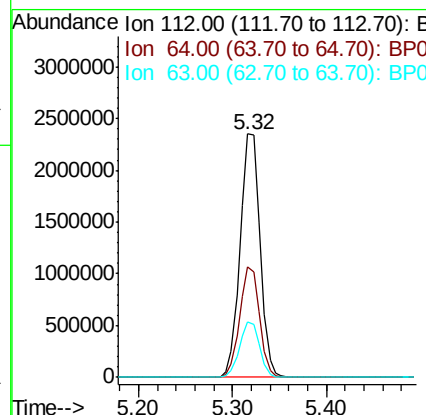
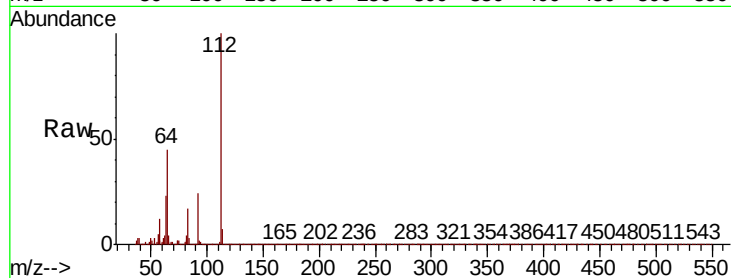
ClientSampleId :

PB130746BS

Tot Ion:	112	Resp:	3469525
Ion Ratio	Lower	Upper	
112	100		
64	45.2	41.0	61.6
63	22.9	20.7	31.1

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#6

Aniline

Concen: 36.529 ng

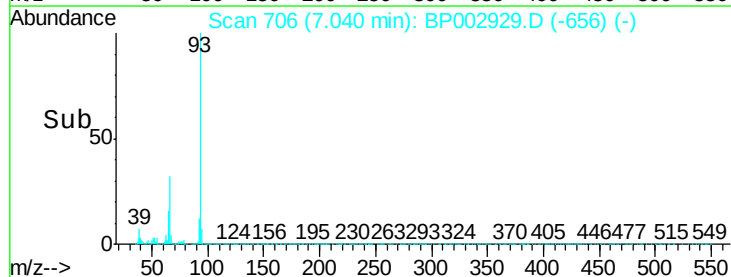
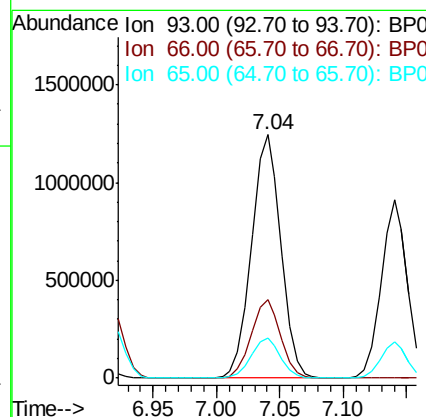
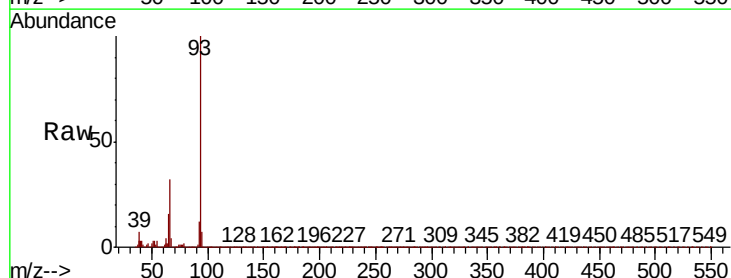
RT: 7.04 min Scan# 706

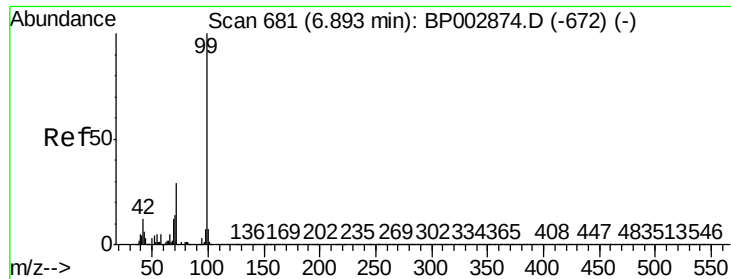
Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:	93	Resp:	2002466
Ion Ratio	Lower	Upper	
93	100		
66	32.3	28.3	42.5
65	16.3	14.6	21.8





#7

Phenol-d6

Concen: 91.874 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

Tot Ion: 99 Resp: 4341048

Ion Ratio Lower Upper

99 100

42 10.4 9.3 13.9

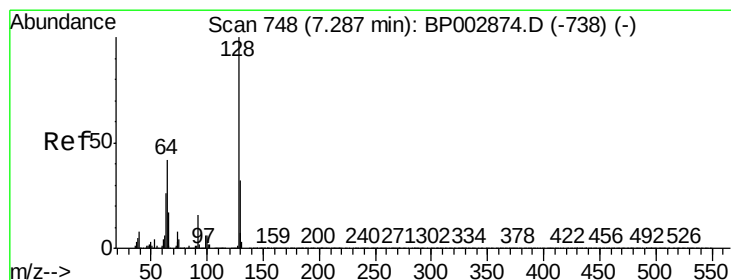
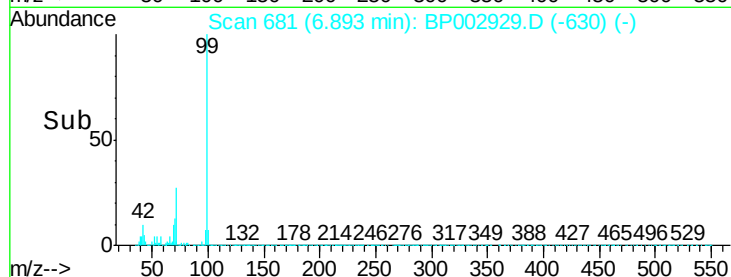
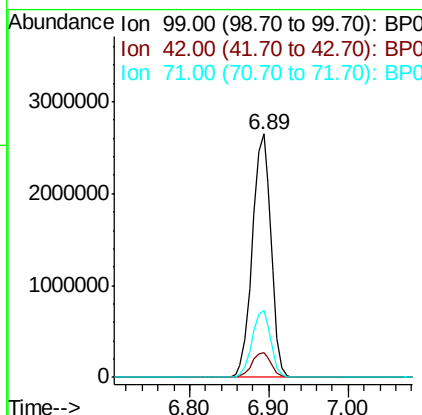
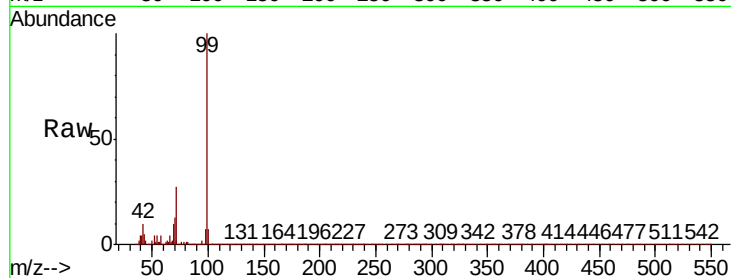
71 27.4 23.5 35.3

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#8

2-Chlorophenol

Concen: 39.220 ng

RT: 7.28 min Scan# 747

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

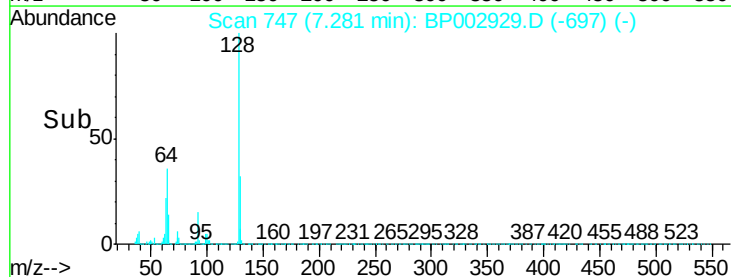
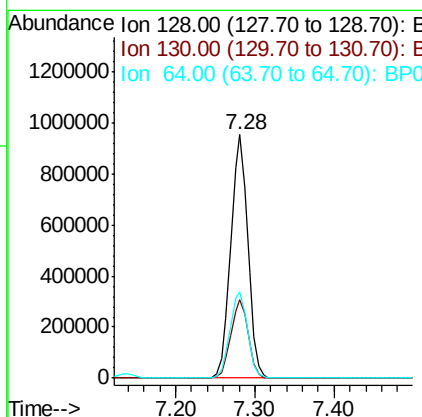
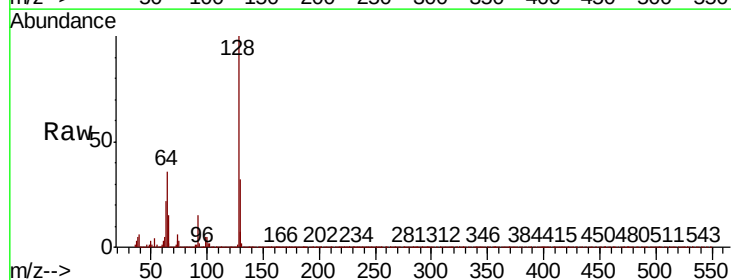
Tgt Ion: 128 Resp: 1423147

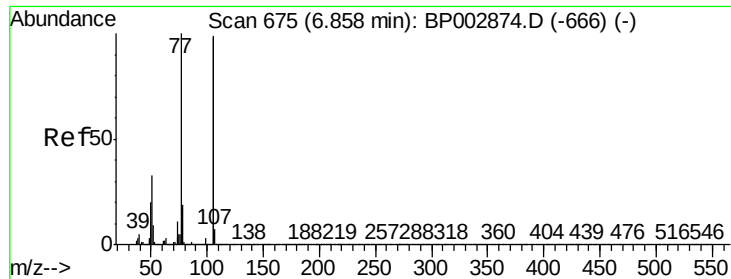
Ion Ratio Lower Upper

128 100

130 32.5 12.2 52.2

64 35.7 22.4 62.4





#9

Benzaldehyde

Concen: 35.549 ng

RT: 6.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

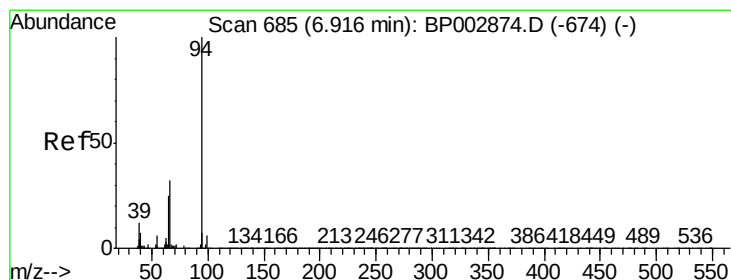
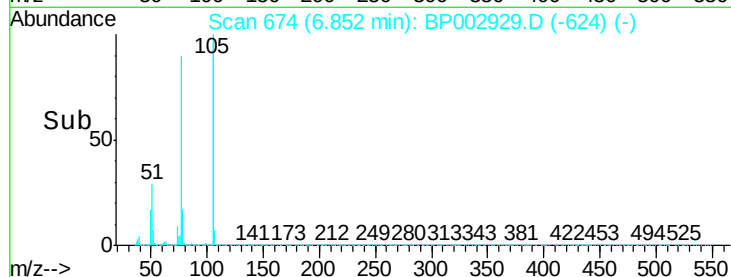
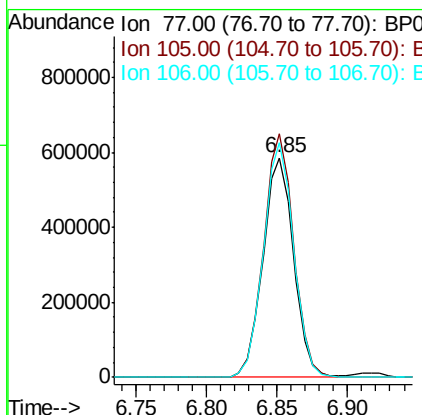
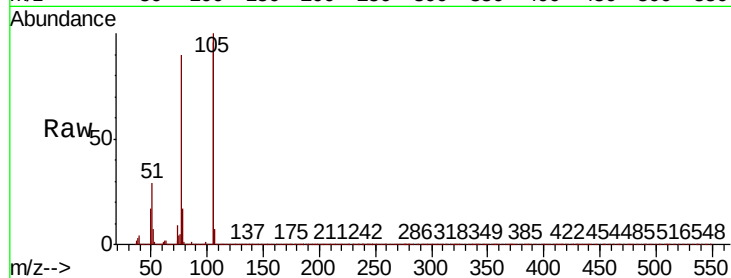
ClientSampleId :

PB130746BS

Tot Ion:	77	Resp:	894309
Ion Ratio	Lower	Upper	
77	100		
105	110.8	79.0	119.0
106	106.6	77.5	117.5

Manual Integrations
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#10

Phenol

Concen: 36.727 ng

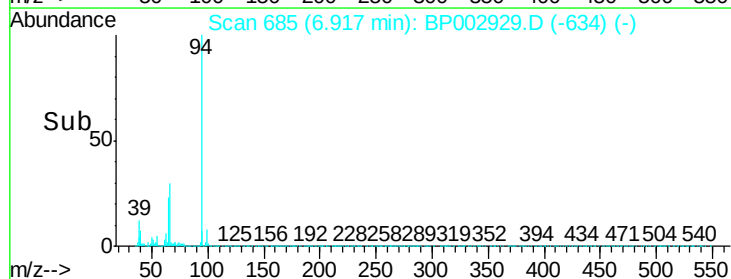
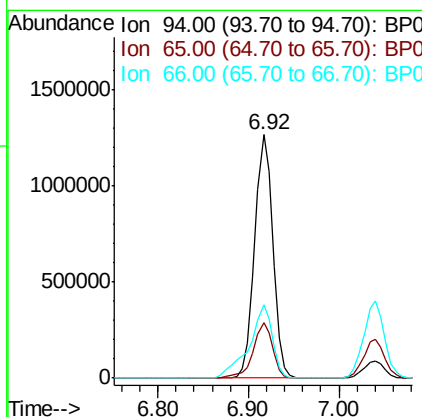
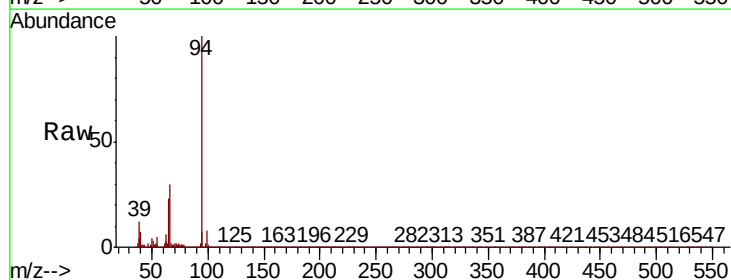
RT: 6.92 min Scan# 685

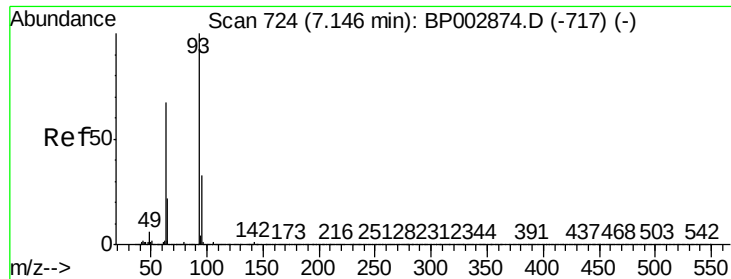
Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:	94	Resp:	1747725
Ion Ratio	Lower	Upper	
94	100		
65	22.6	5.4	45.4
66	29.9	11.9	51.9





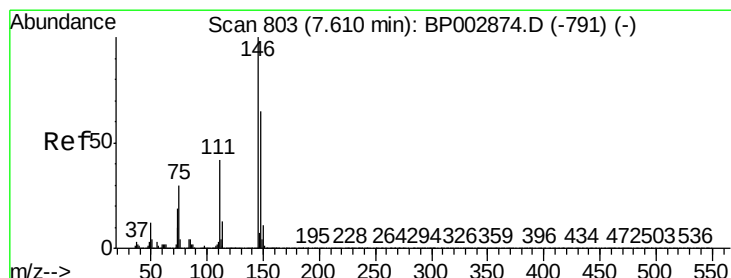
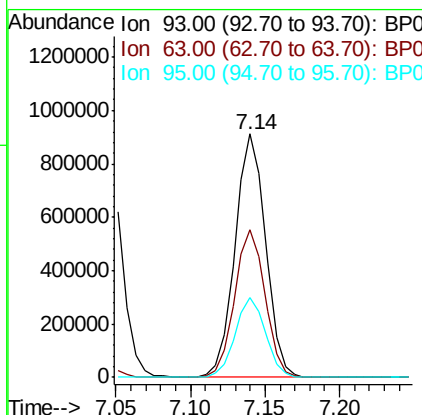
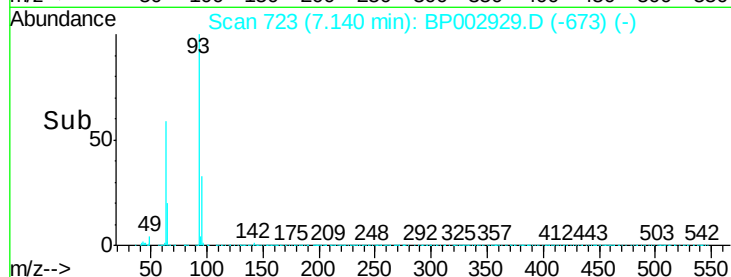
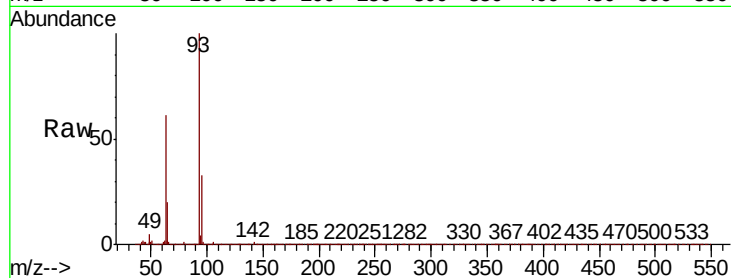
#11
bis(2-Chloroethyl)ether
Concen: 35.282 ng
RT: 7.14 min Scan# 723
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ion	Ratio	Lower	Upper
93	100			
63	60.5	47.2	87.2	
95	32.6	12.6	52.6	

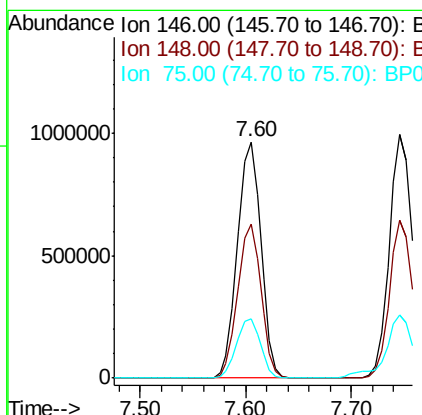
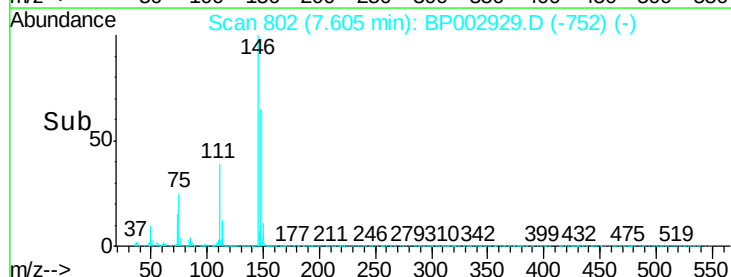
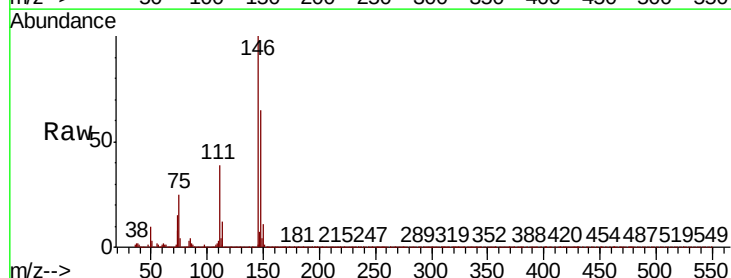
Manual Integrations
APPROVED

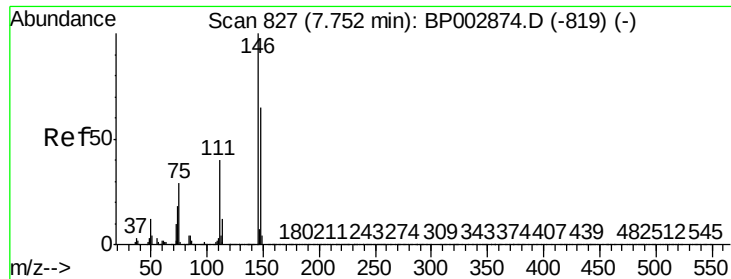
mohammad
8/10/2020 3:44:54 PM



#12
1,3-Dichlorobenzene
Concen: 36.282 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
146	100			
148	65.0	51.6	77.4	
75	25.1	24.4	36.6	





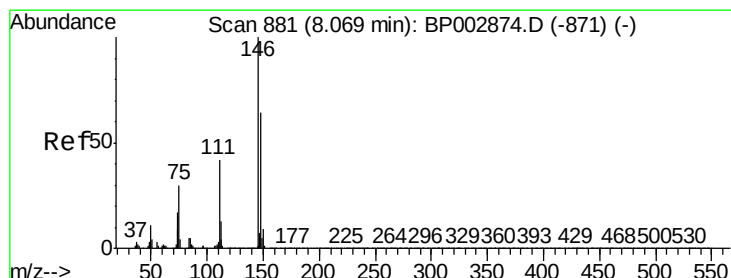
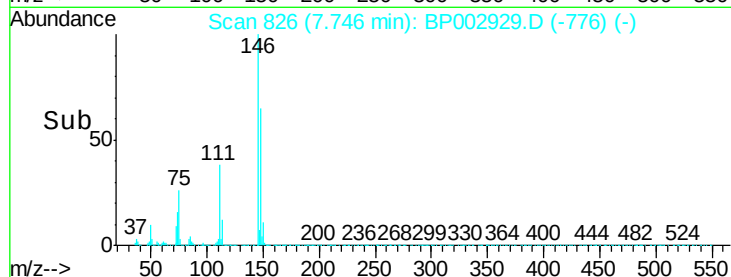
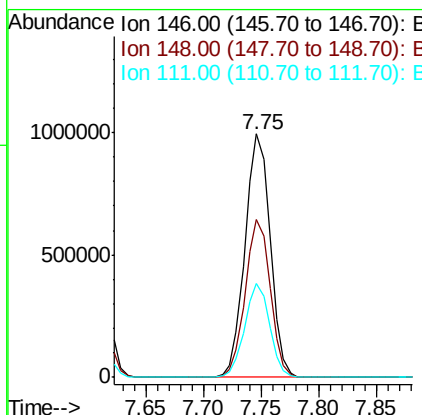
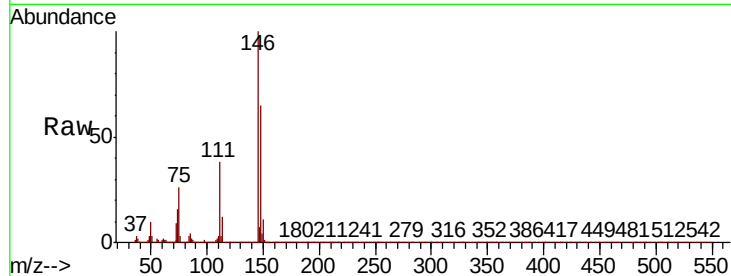
#13
1,4-Dichlorobenzene
Concen: 36.494 ng
RT: 7.75 min Scan# 826
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	38.5	32.2	48.4

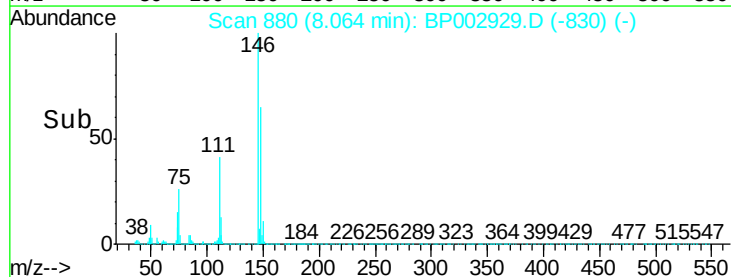
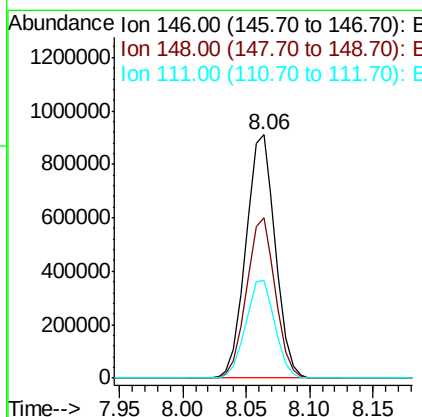
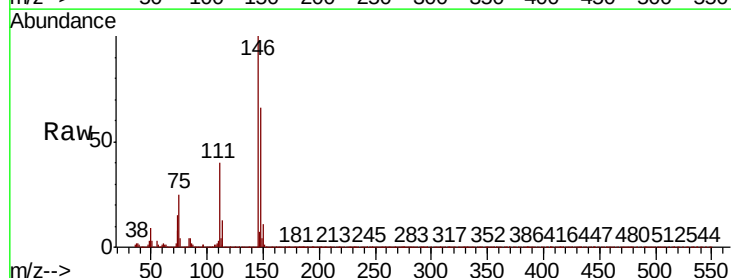
Manual Integrations
APPROVED

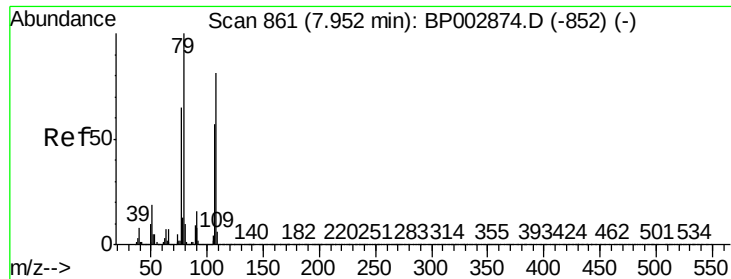
mohammad
8/10/2020 3:44:54 PM



#14
1,2-Dichlorobenzene
Concen: 36.984 ng
RT: 8.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.2
111	40.3	33.6	50.4





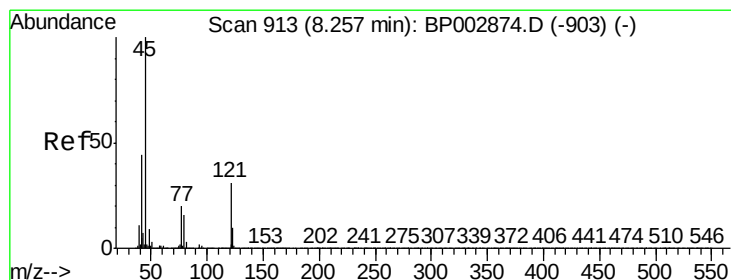
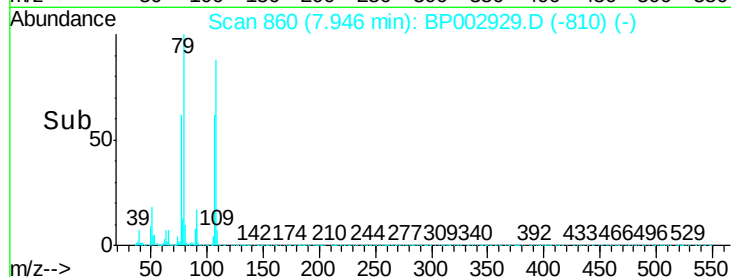
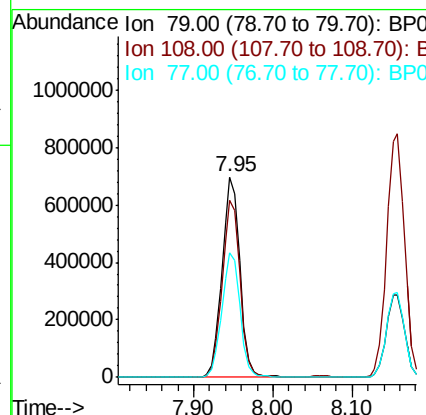
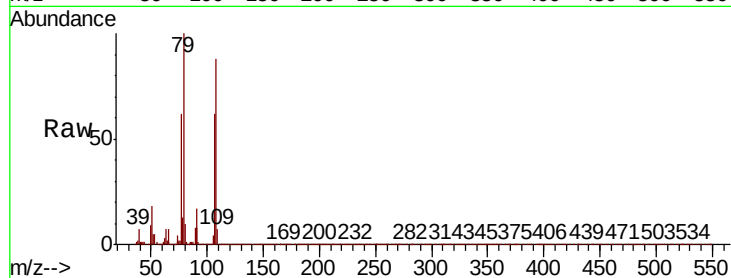
#15
Benzyl Alcohol
Concen: 34.875 ng
RT: 7.95 min Scan# 860
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampled :
PB130746BS

Tot Ion: 79 Resp: 1087249
Ion Ratio Lower Upper
79 100
108 88.4 65.0 97.6
77 62.3 52.2 78.4

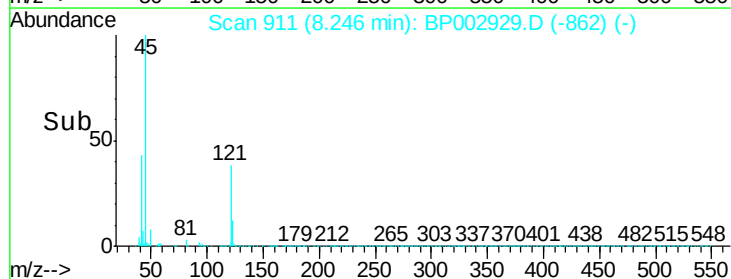
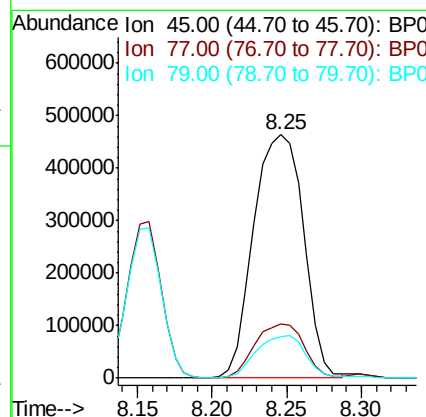
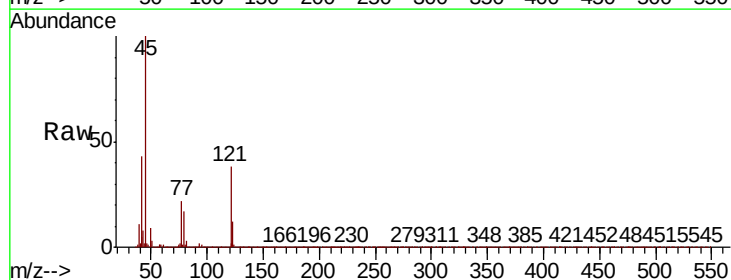
Manual Integrations
APPROVED

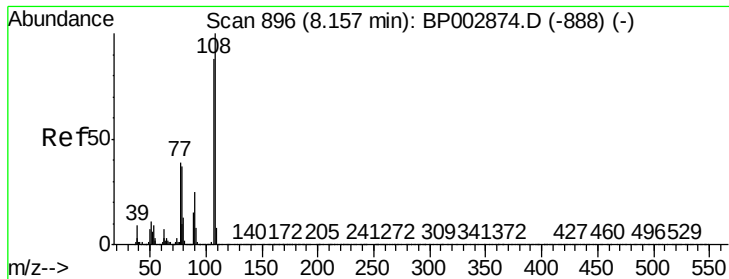
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.351 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion: 45 Resp: 1078064
Ion Ratio Lower Upper
45 100
77 22.2 0.4 40.4
79 17.1 0.0 36.2





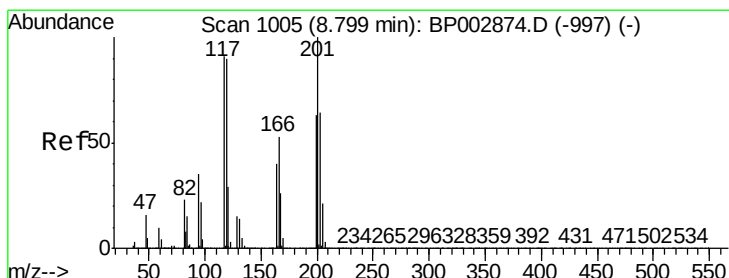
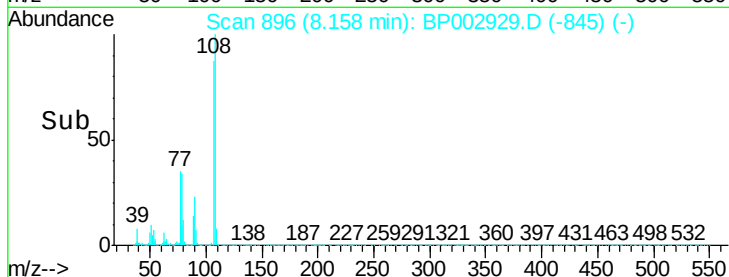
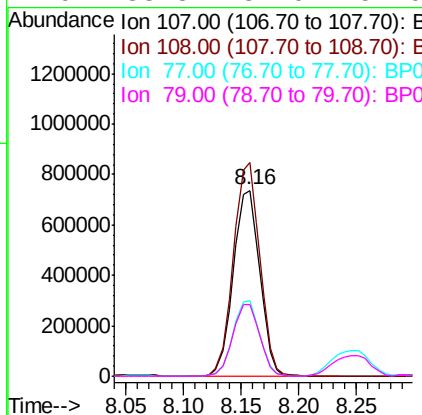
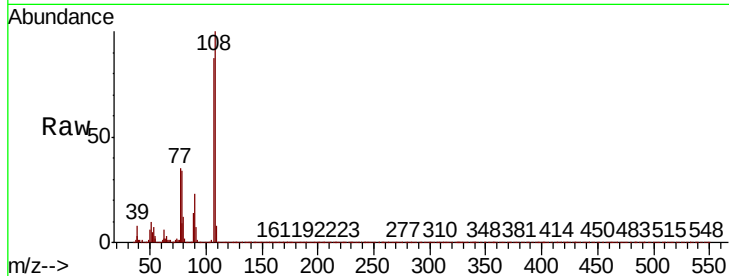
#17
2-Methylphenol
Concen: 38.595 ng
RT: 8.16 min Scan# 896
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.6	136.0
77	40.3	35.7	53.5
79	38.8	34.0	51.0

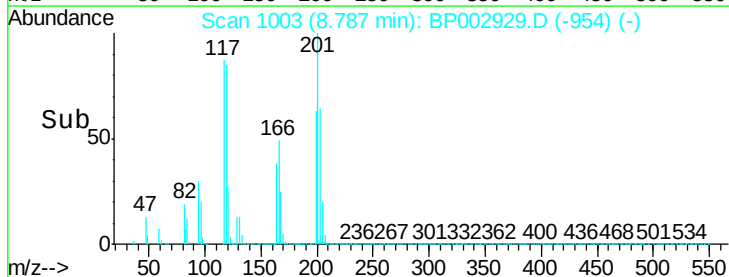
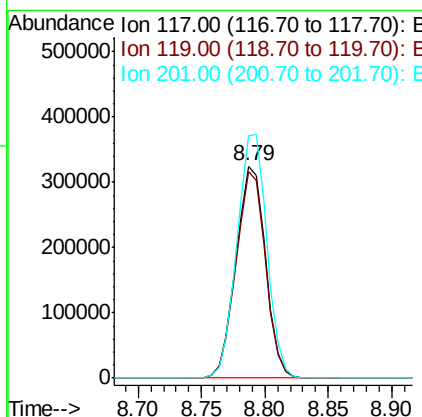
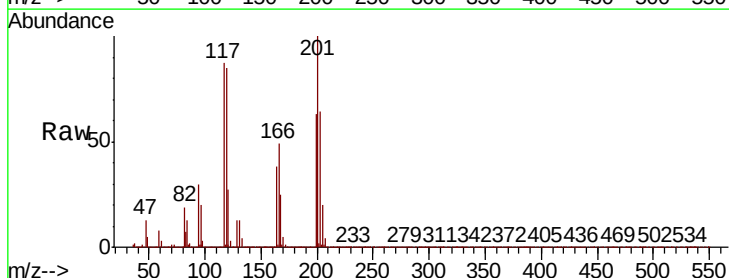
Manual Integrations
APPROVED

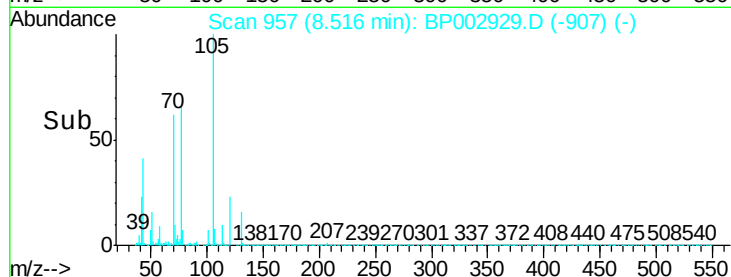
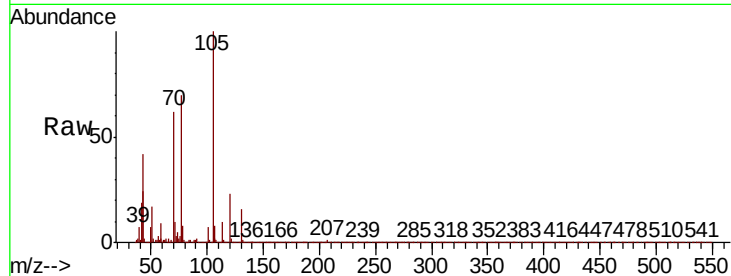
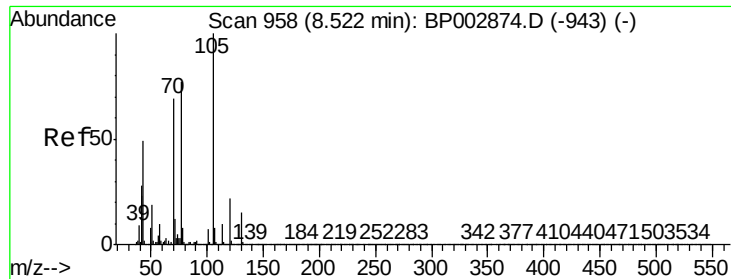
mohammad
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#18
Hexachloroethane
Concen: 36.158 ng
RT: 8.79 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	79.1	118.7
201	114.3	87.6	131.4





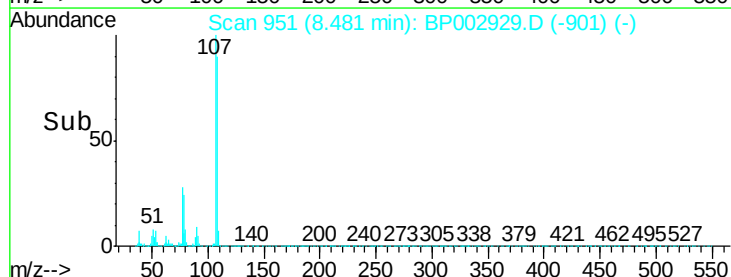
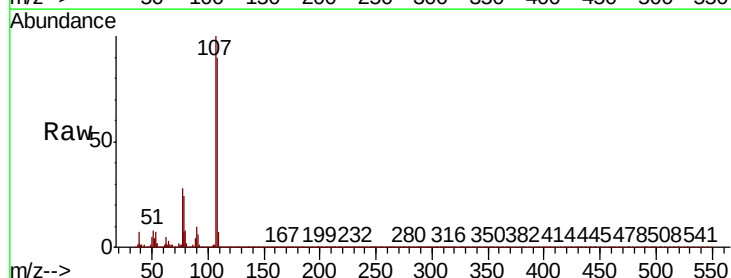
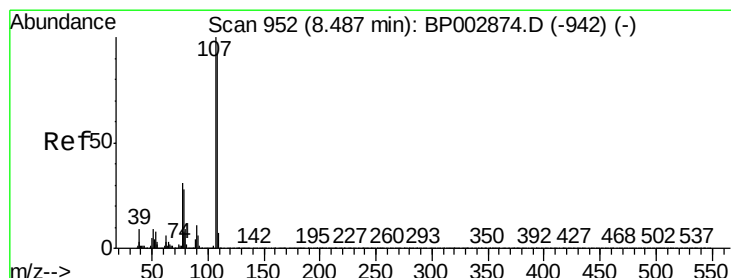
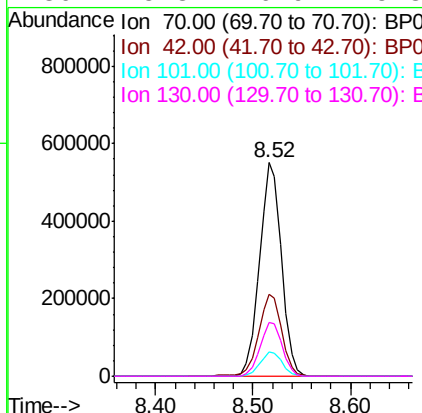
#19
n-Nitroso-di-n-propylamine
Concen: 31.985 ng
RT: 8.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		870794		
42	38.3	32.6	49.0		
101	11.4	8.0	12.0		
130	25.3	16.9	25.3		

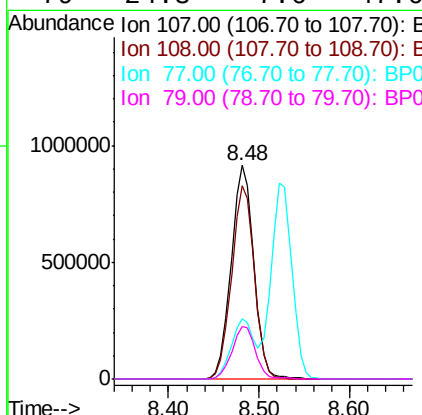
Manual Integrations
APPROVED

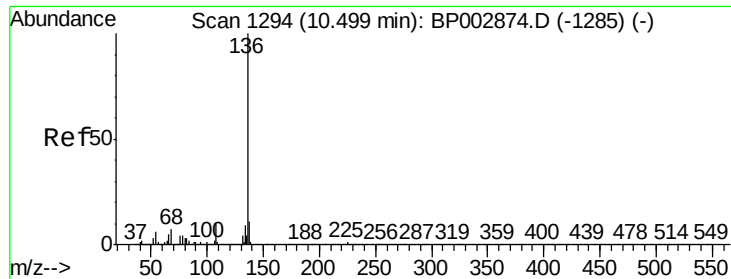
mohammad
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#20
3+4-Methylphenols
Concen: 38.831 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		1591388		
108	90.3	72.2	112.2		
77	28.5	11.5	51.5		
79	24.3	7.6	47.6		





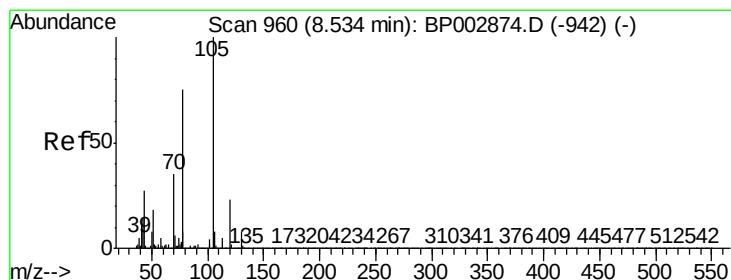
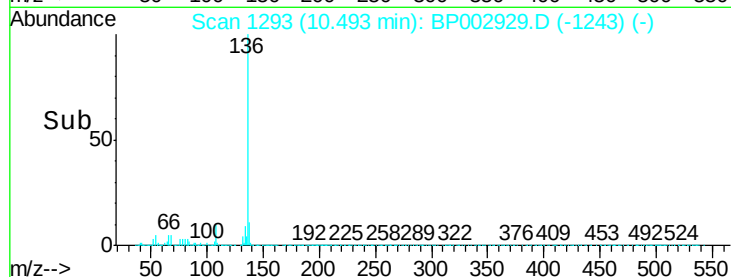
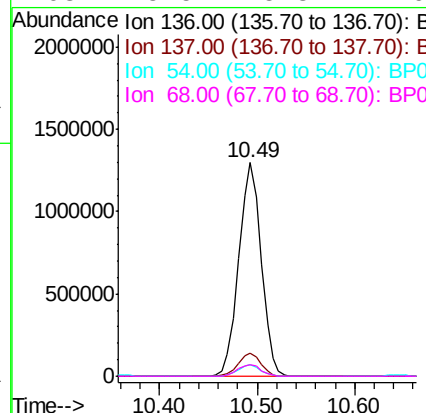
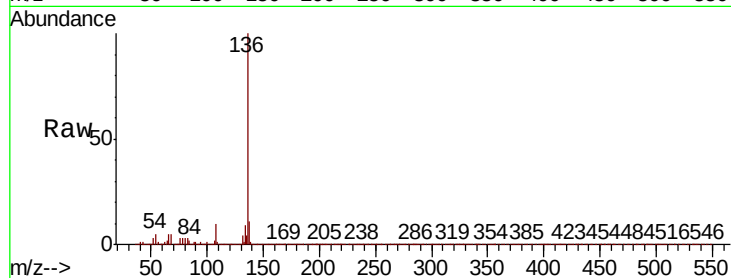
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	5.2	5.1	7.7
68	5.5	5.3	7.9

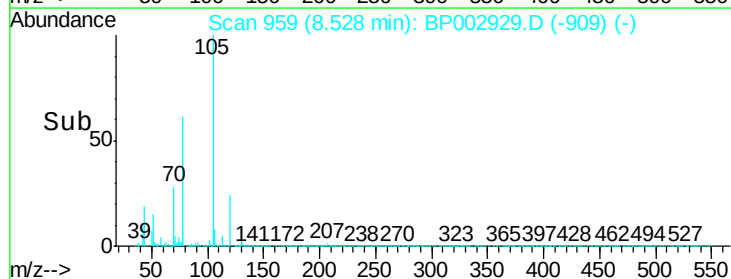
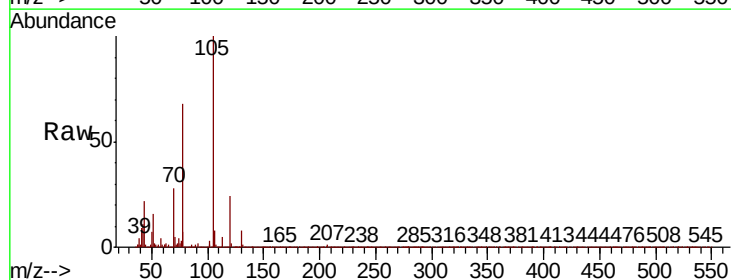
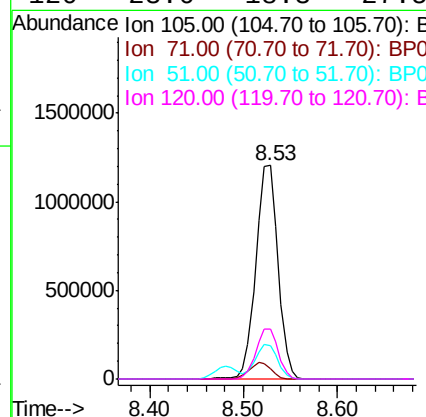
Manual Integrations
APPROVED

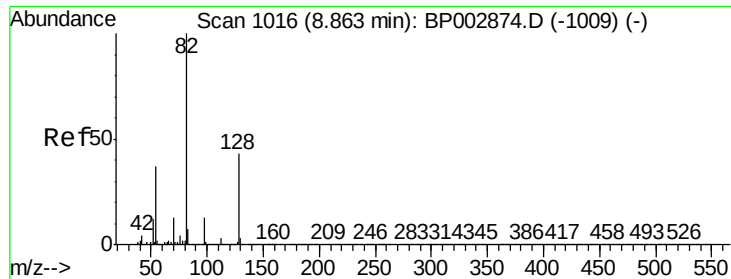
mohammad
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#22
Acetophenone
Concen: 33.667 ng
RT: 8.53 min Scan# 959
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.7	7.1
51	15.7	14.1	21.1
120	23.6	18.3	27.5





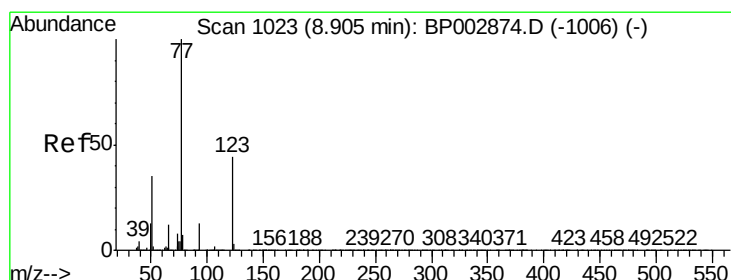
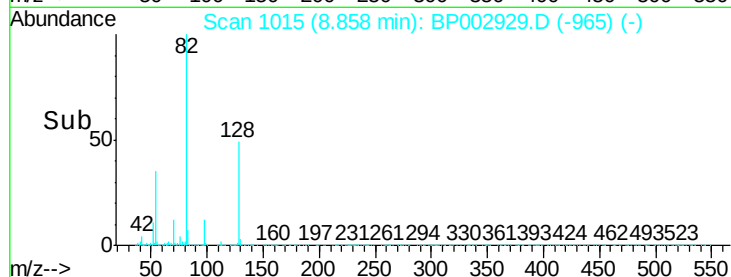
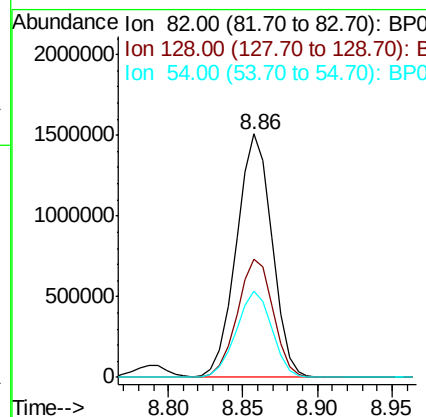
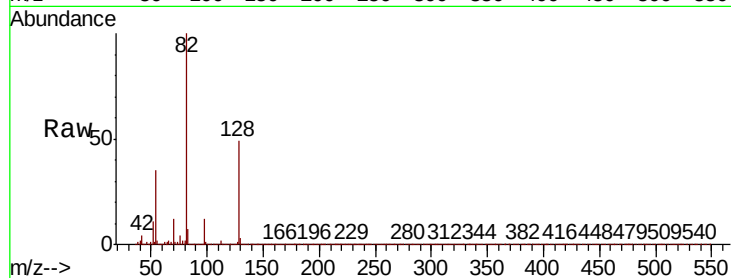
#23
Nitrobenzene-d5
Concen: 65.272 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.6	52.0
54	35.3	29.5	44.3

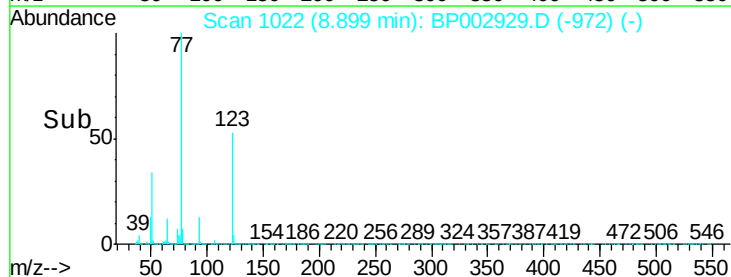
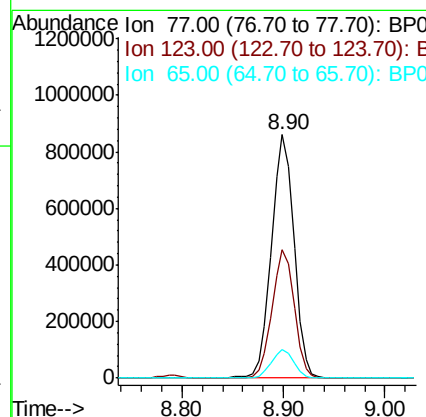
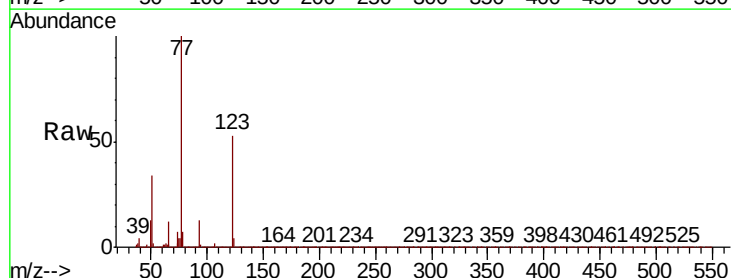
Manual Integrations
APPROVED

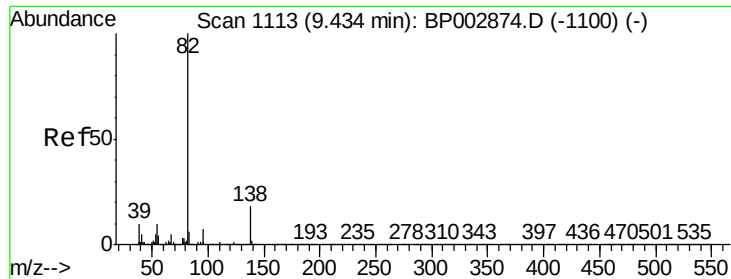
mohammad
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#24
Nitrobenzene
Concen: 31.900 ng
RT: 8.90 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.8	36.2	54.2
65	11.6	9.6	14.4





#25

Isophorone

Concen: 31.201 ng

RT: 9.43 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

Tot Ion: 82 Resp: 2569865

Ion Ratio Lower Upper

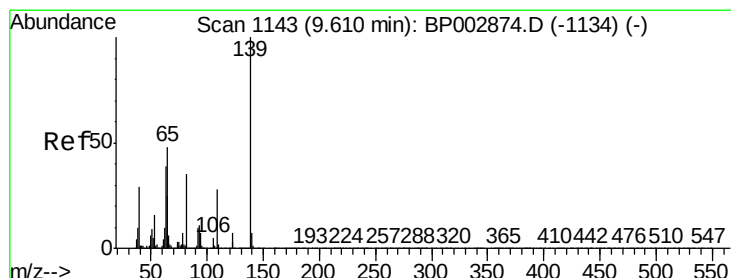
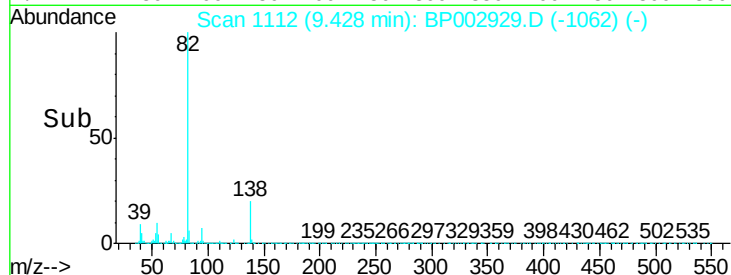
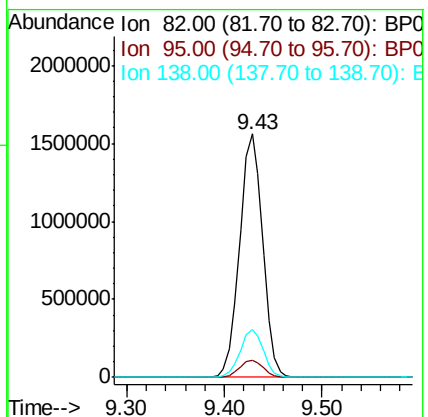
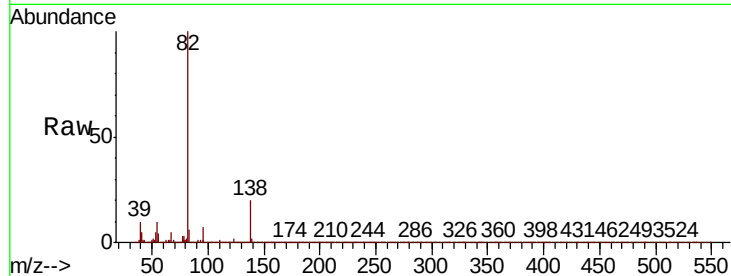
82 100

95 7.1 5.5 8.3

138 19.8 14.2 21.2

Manual Integrations
APPROVED

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#26

2-Nitrophenol

Concen: 41.571 ng

RT: 9.60 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

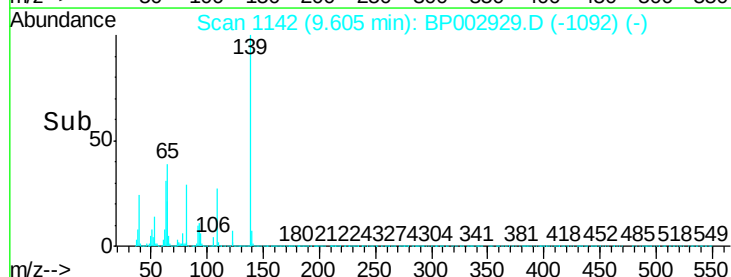
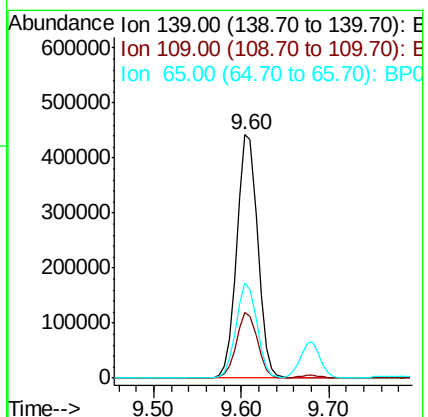
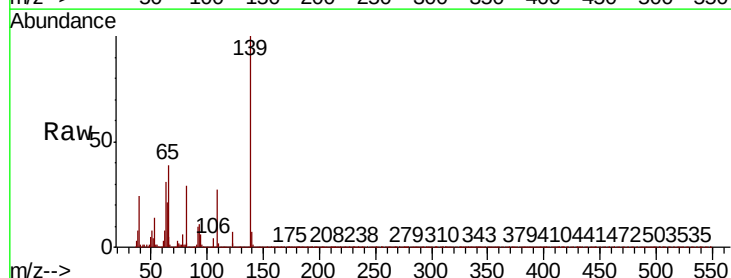
Tgt Ion: 139 Resp: 710627

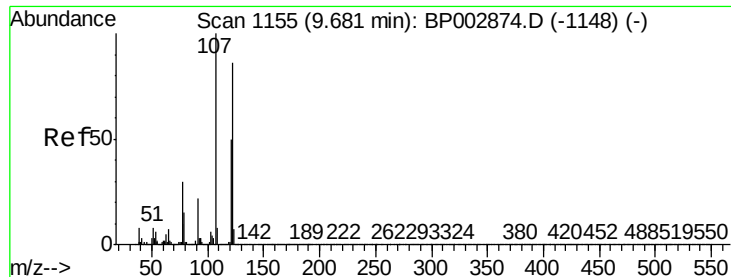
Ion Ratio Lower Upper

139 100

109 26.9 22.2 33.2

65 39.3 38.9 58.3





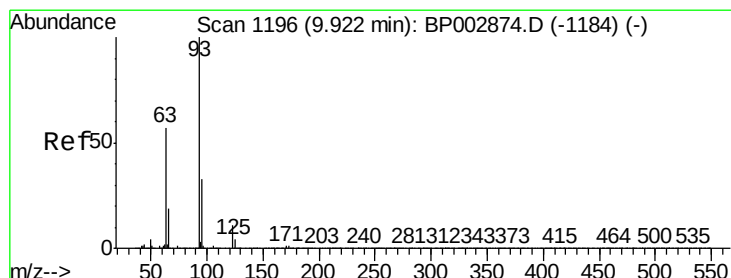
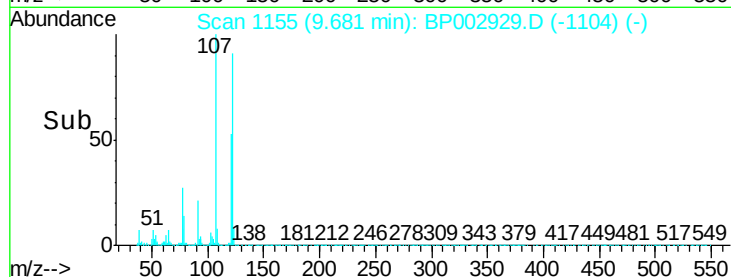
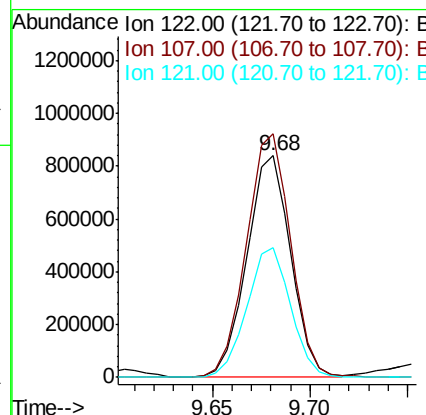
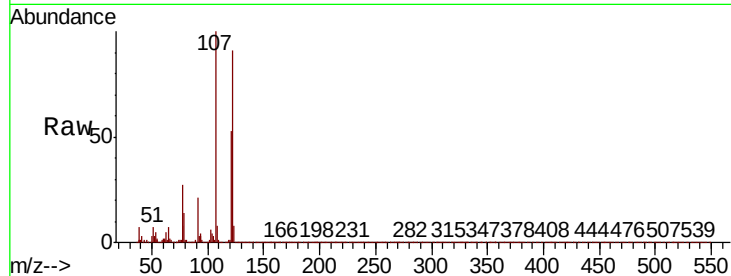
#27
2,4-Dimethylphenol
Concen: 39.769 ng
RT: 9.68 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.9	93.2	139.8
121	58.4	46.4	69.6

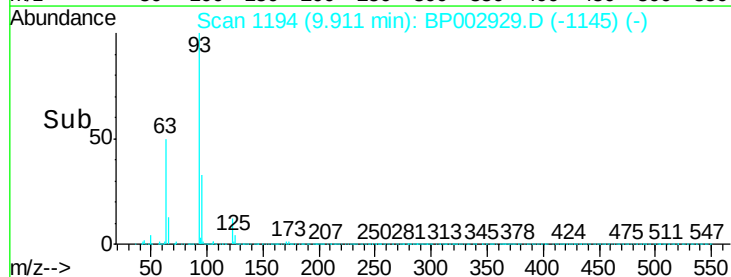
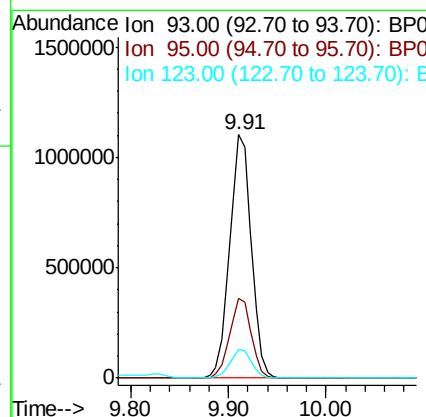
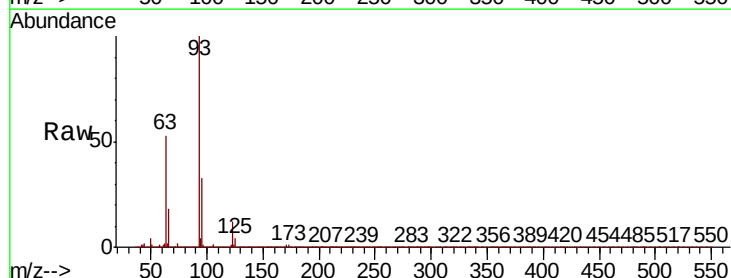
Manual Integrations
APPROVED

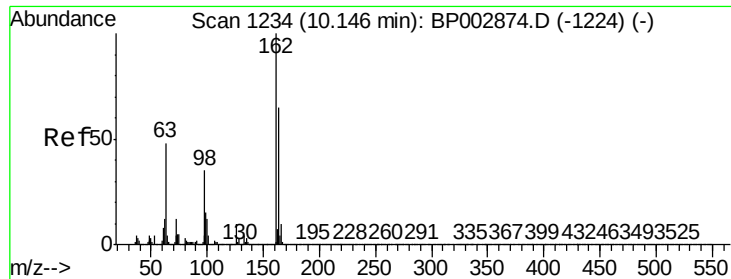
mohammad
8/10/2020 3:44:54 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.730 ng
RT: 9.91 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.4	39.6
123	11.7	9.1	13.7





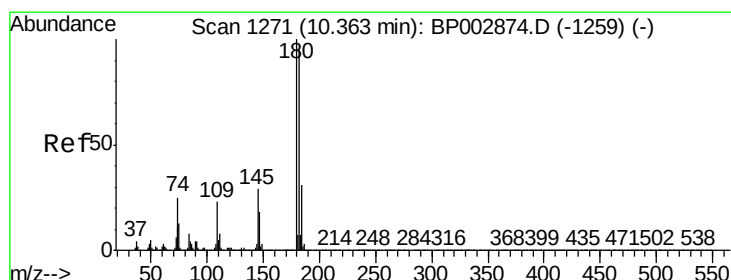
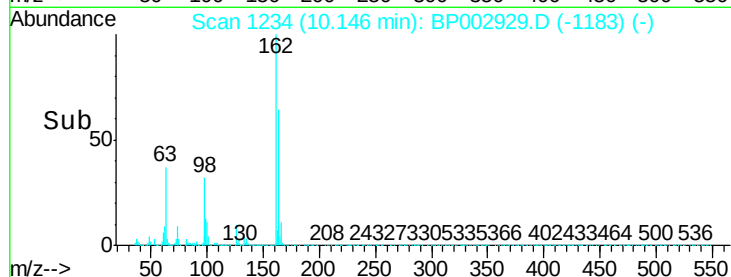
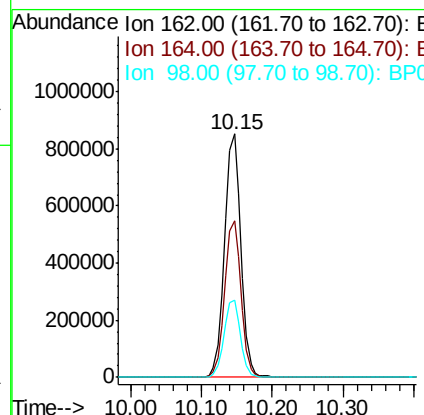
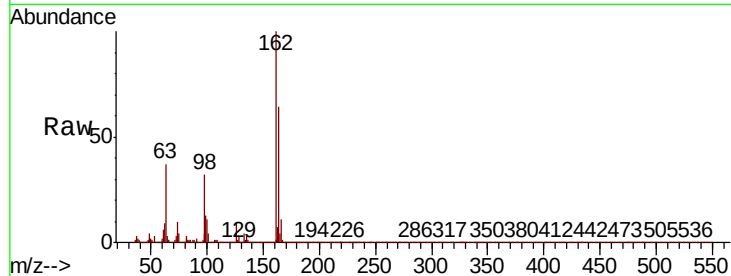
#29
 2,4-Dichlorophenol
 Concen: 39.633 ng
 RT: 10.15 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.5	84.5
98	31.7	15.3	55.3

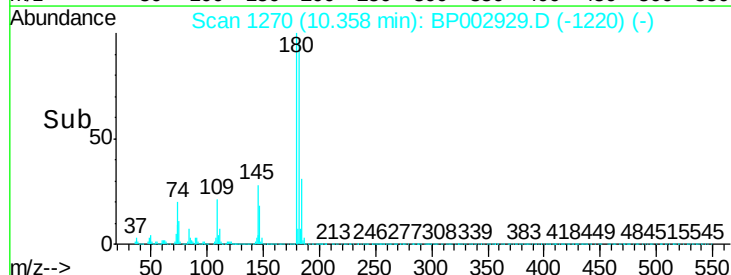
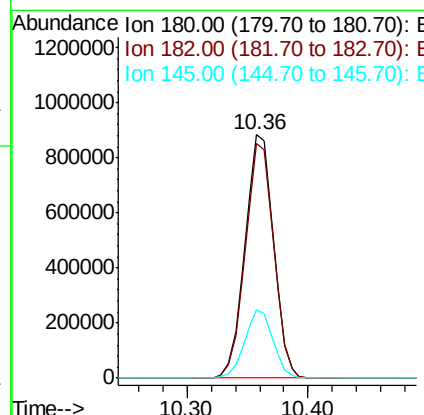
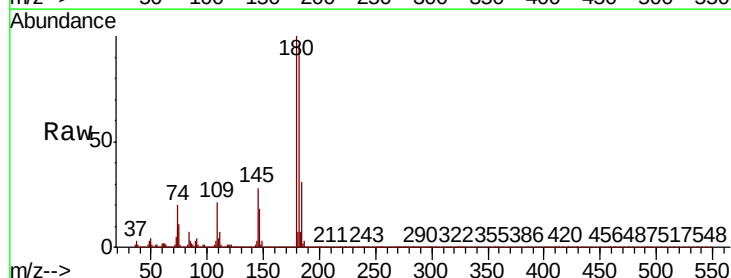
Manual Integrations
 APPROVED

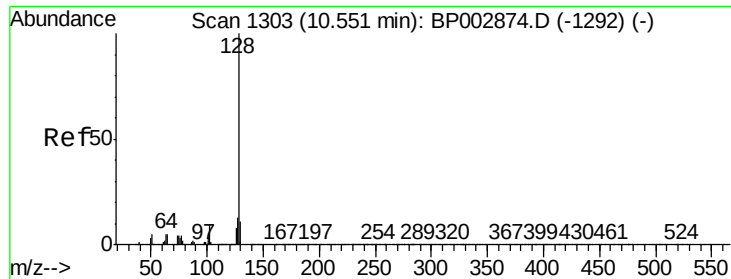
mohammad
 8/10/2020 3:44:54 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 36.211 ng
 RT: 10.36 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.0	114.0
145	28.0	22.8	34.2





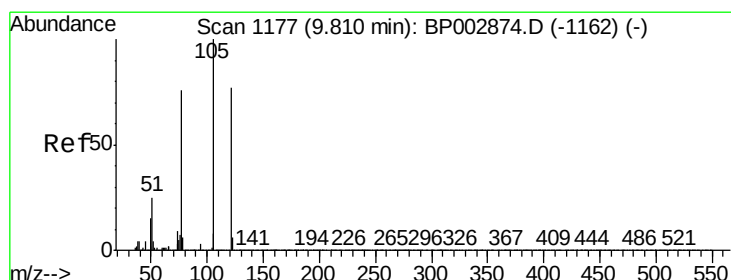
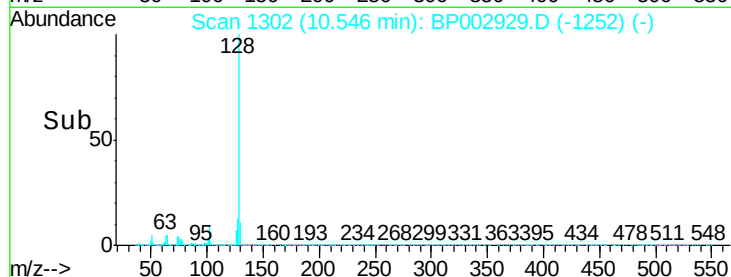
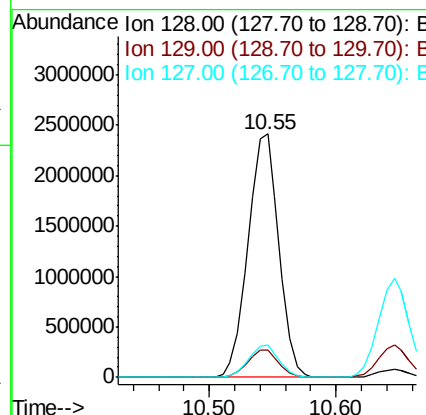
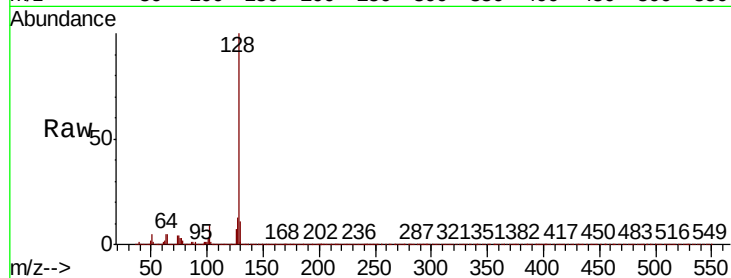
#31
Naphthalene
Concen: 34.221 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.1	10.6	16.0

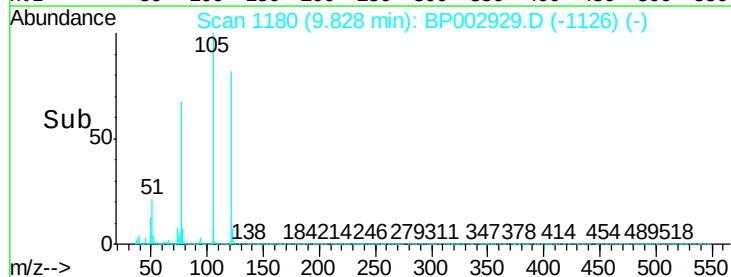
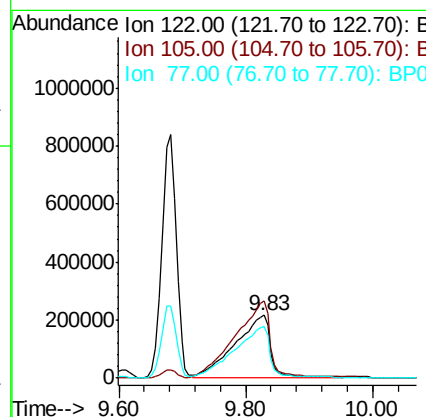
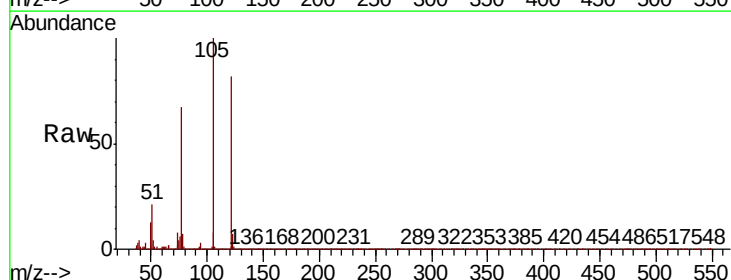
Manual Integrations
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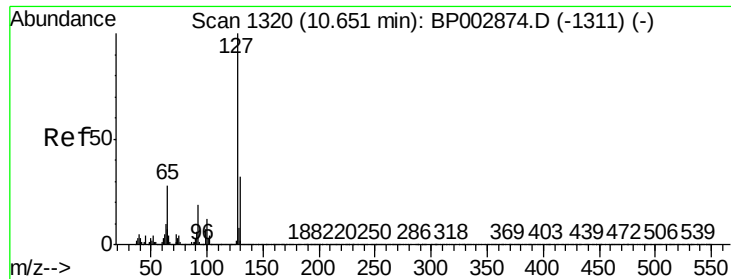
mohammad
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#32
Benzoic acid
Concen: 43.817 ng
RT: 9.83 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	103.4	143.4
77	81.7	74.6	114.6





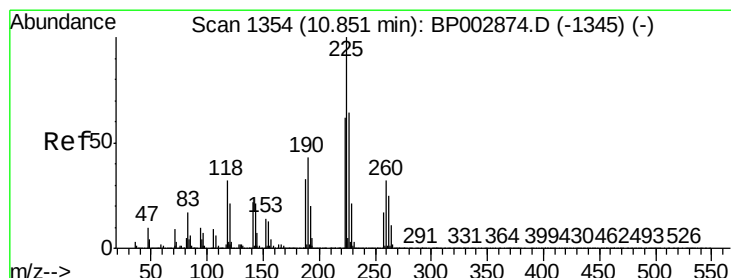
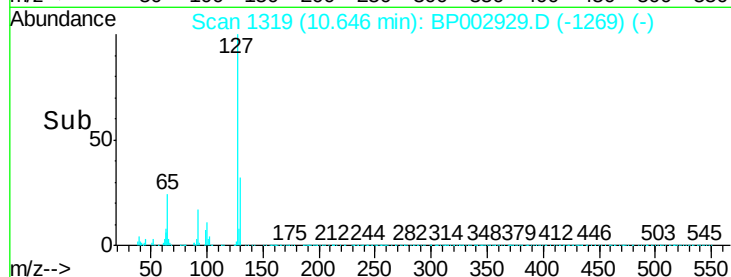
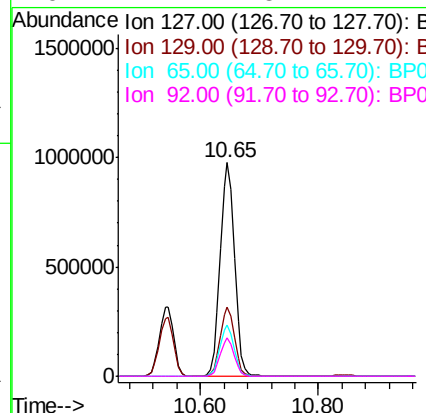
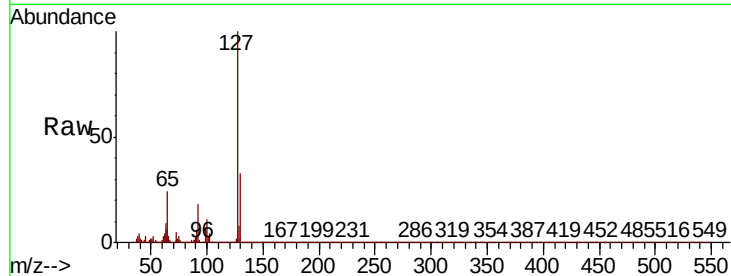
#33
4-Chloroaniline
Concen: 33.596 ng
RT: 10.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	32.5	25.6	38.4	
65	24.2	22.2	33.2	
92	17.7	15.1	22.7	

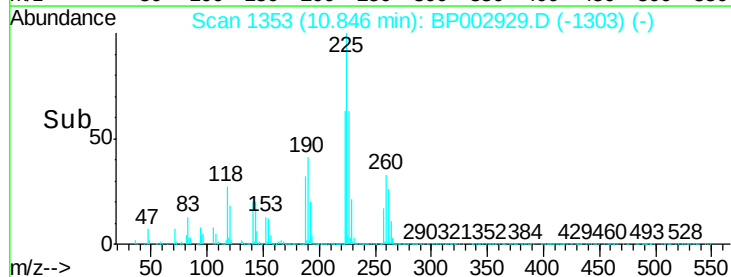
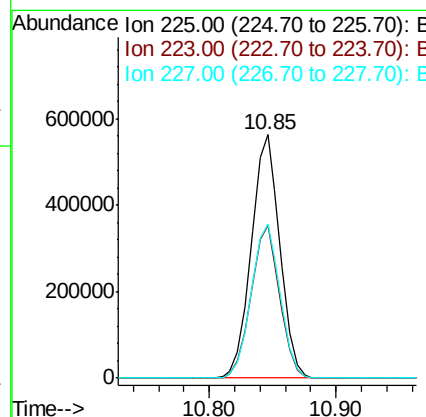
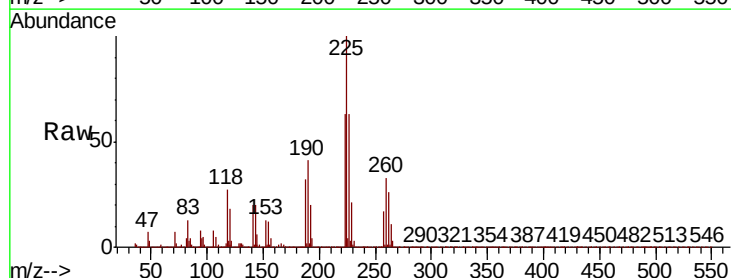
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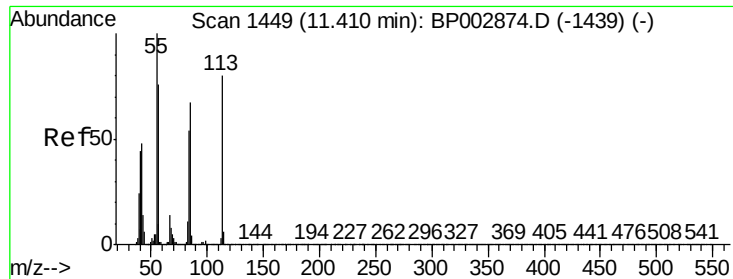
mohammad
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#34
Hexachlorobutadiene
Concen: 35.619 ng
RT: 10.85 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	62.9	49.7	74.5	
227	63.5	50.8	76.2	





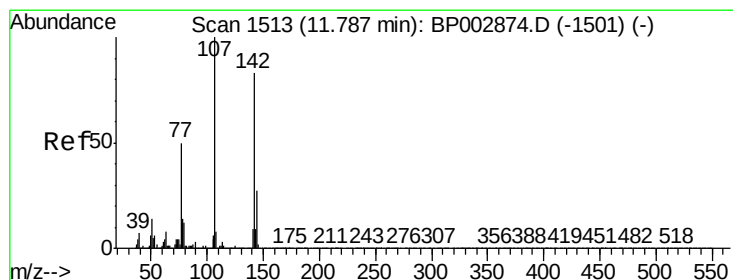
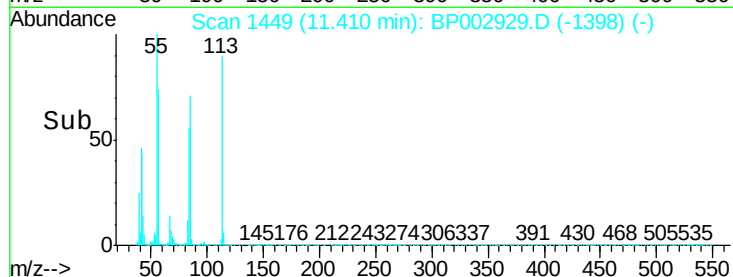
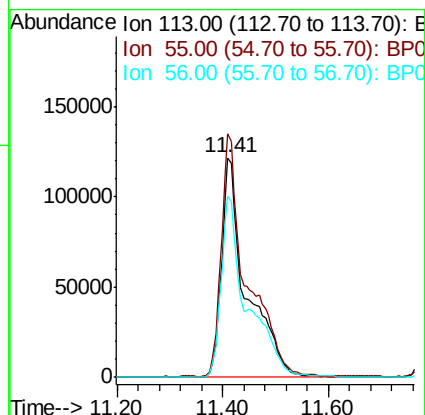
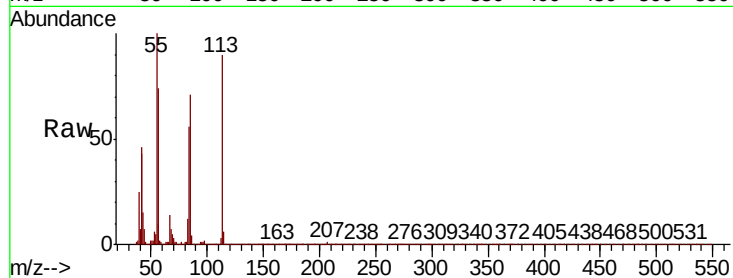
#35
 Caprolactam
 Concen: 37.444 ng
 RT: 11.41 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		399953		
55	110.9		105.6	145.6	
56	82.1		74.8	114.8	

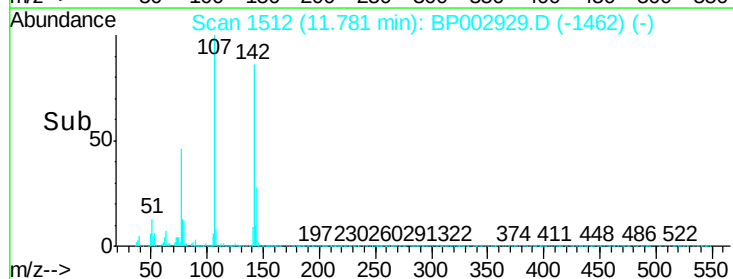
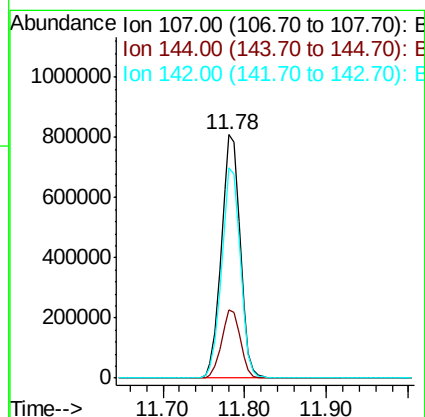
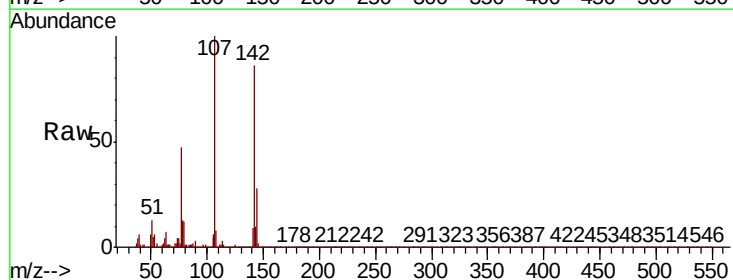
Manual Integrations
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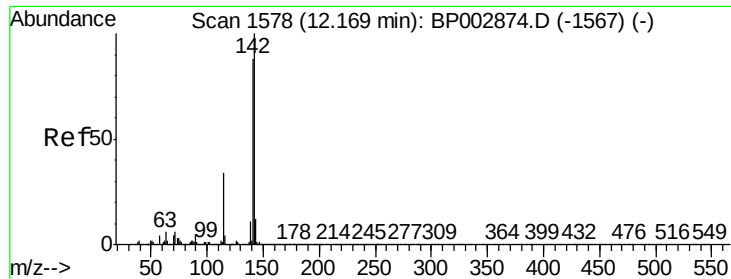
mohammad
 8/10/2020 3:44:54 PM



#36
 4-Chloro-3-methylphenol
 Concen: 36.259 ng
 RT: 11.78 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		1301159		
144	28.2		21.8	32.6	
142	86.2		66.3	99.5	





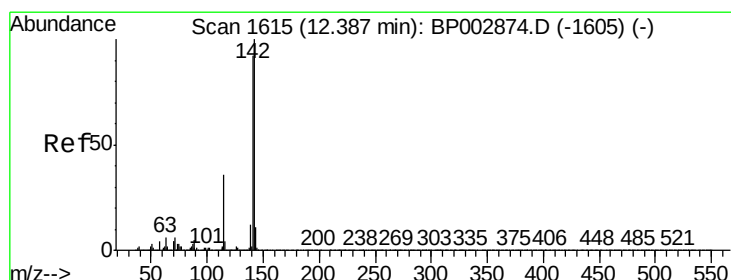
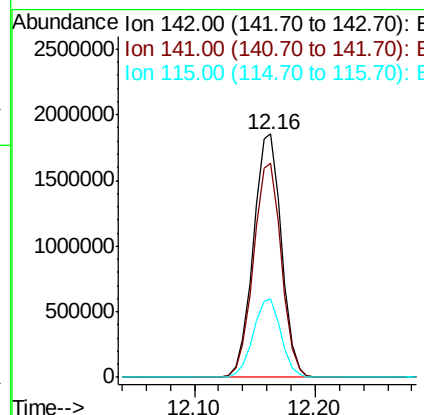
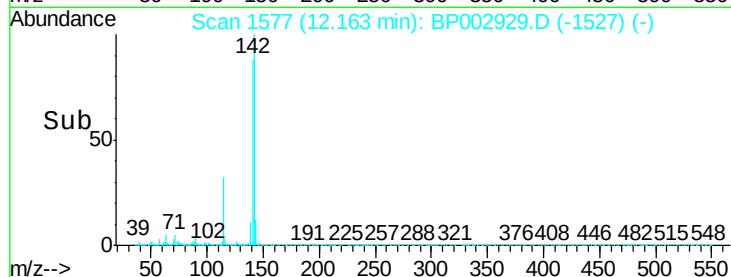
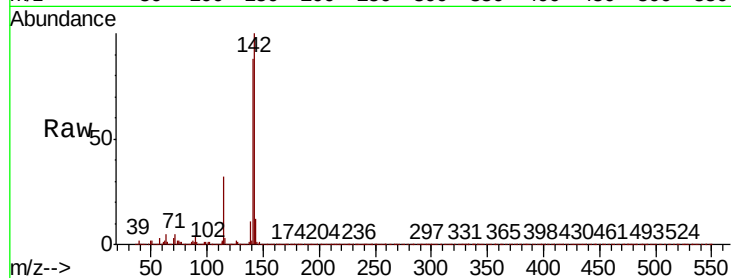
#37
2-Methylnaphthalene
Concen: 35.520 ng
RT: 12.16 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.1	105.1
115	32.0	26.8	40.2

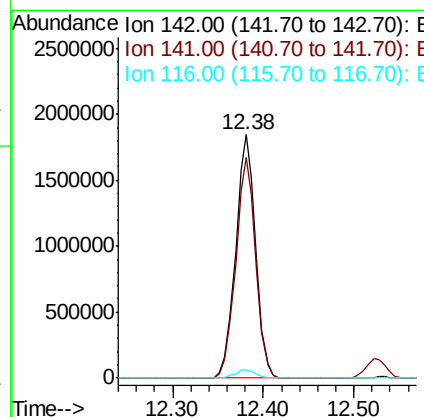
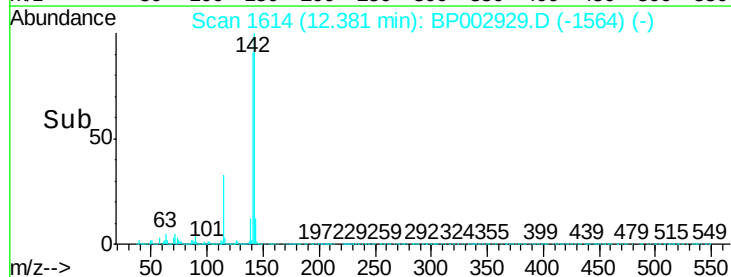
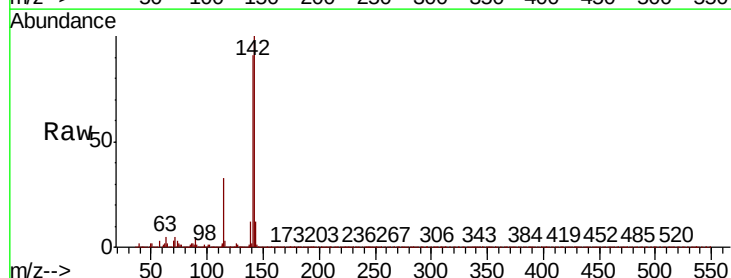
Manual Integrations
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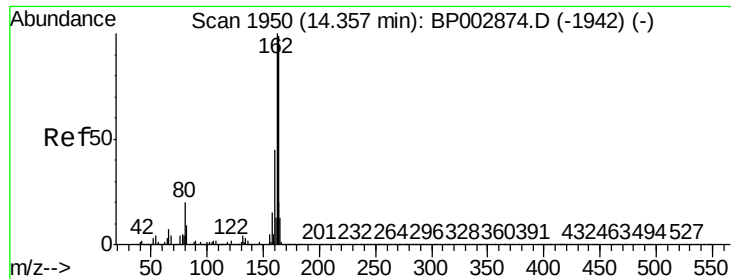
mohammad
8/10/2020 3:44:54 PM



#38
1-Methylnaphthalene
Concen: 35.308 ng
RT: 12.38 min Scan# 1614
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.6	110.4
116	3.5	3.1	4.7





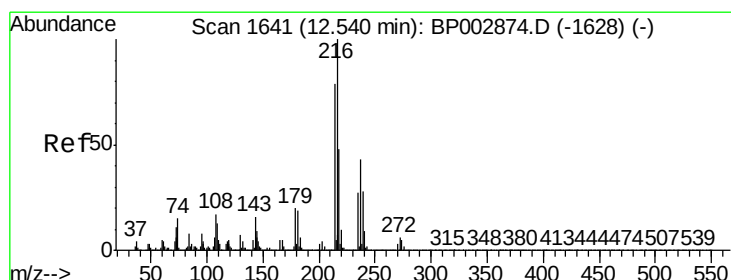
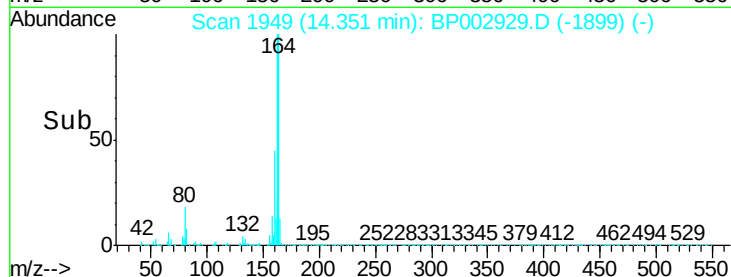
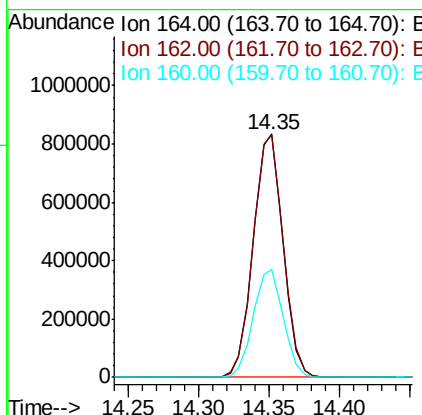
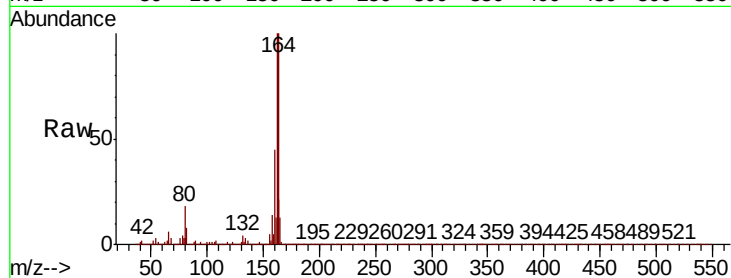
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampled :
PB130746BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.6	81.0	121.6
160	44.5	36.2	54.4

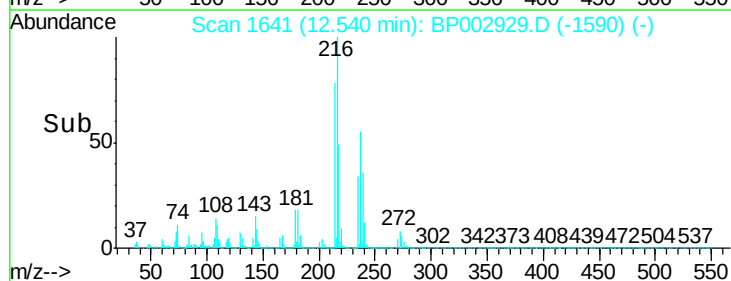
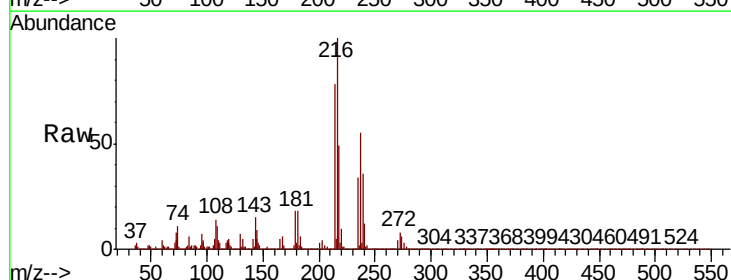
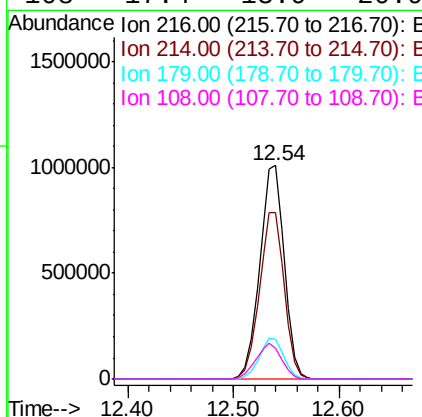
Manual Integrations
APPROVED

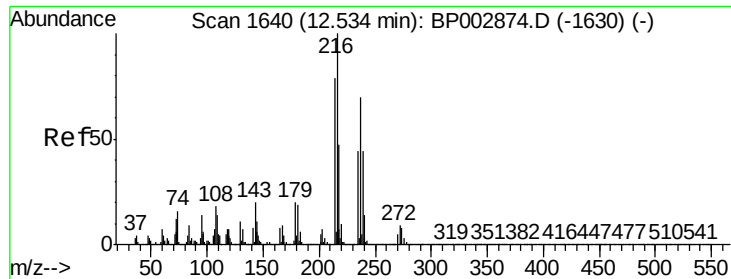
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.680 ng
RT: 12.54 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	62.5	93.7
179	19.0	15.8	23.6
108	17.4	13.9	20.9





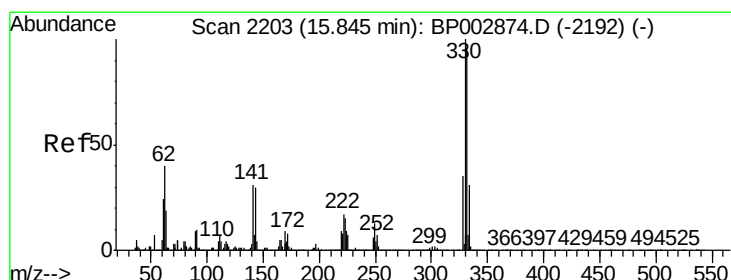
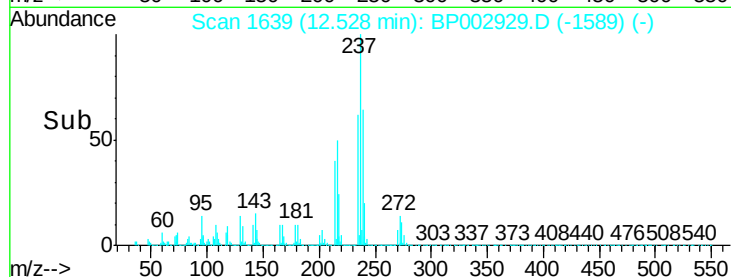
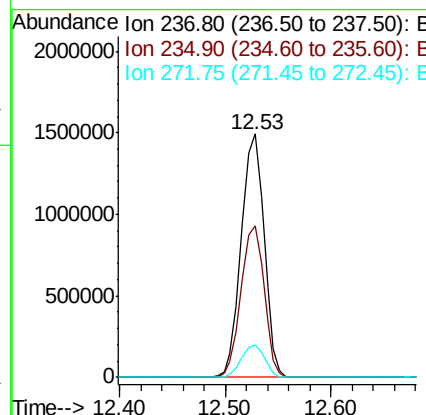
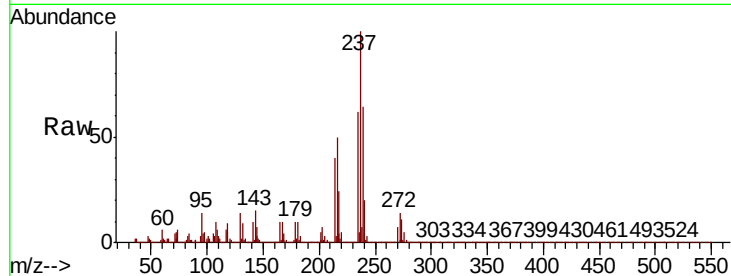
#41
Hexachlorocyclopentadiene
Concen: 97.018 ng
RT: 12.53 min Scan# 1639
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.3	82.3
272	13.5	0.0	33.3

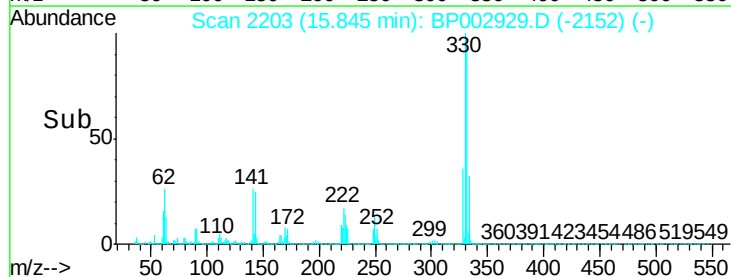
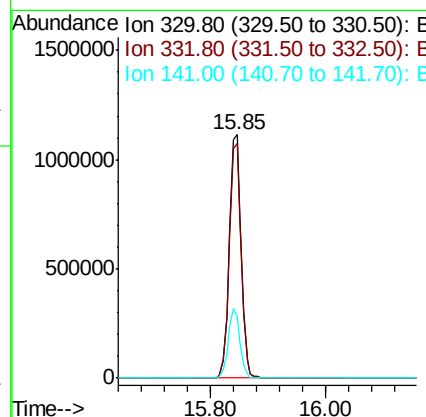
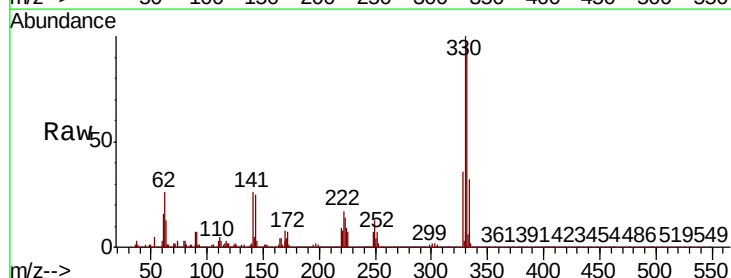
Manual Integrations
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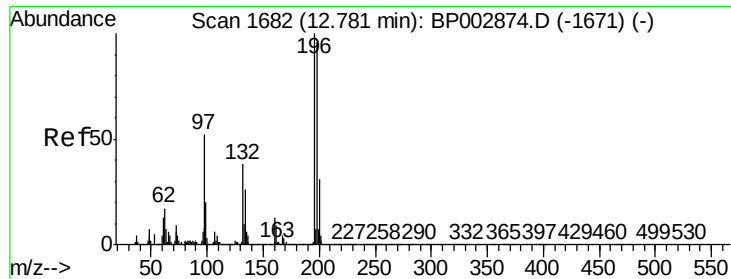
mohammad
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#42
2,4,6-Tribromophenol
Concen: 103.137 ng
RT: 15.85 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	28.1	24.6	37.0





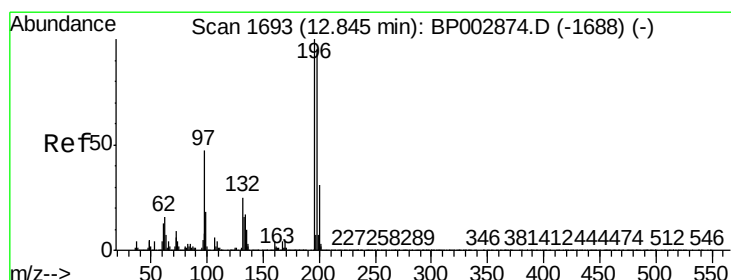
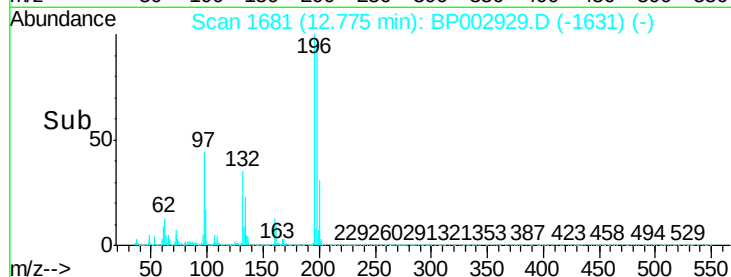
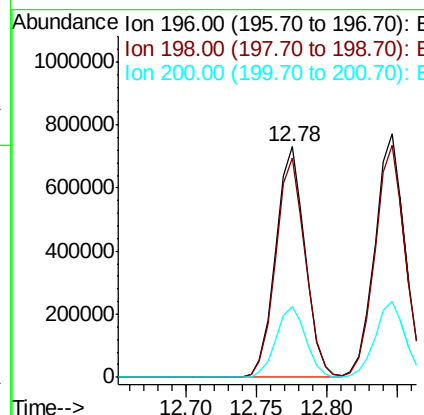
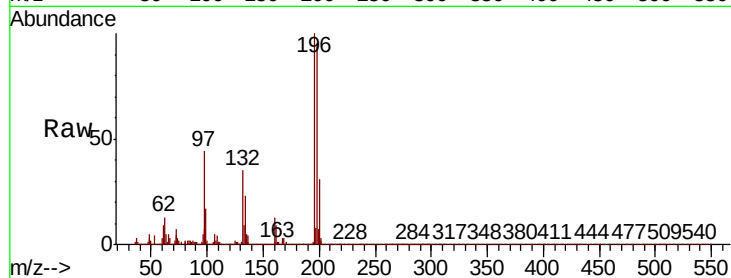
#43
2,4,6-Trichlorophenol
Concen: 41.421 ng
RT: 12.78 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampled :
PB130746BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.9	77.0	115.6
200	30.9	24.9	37.3

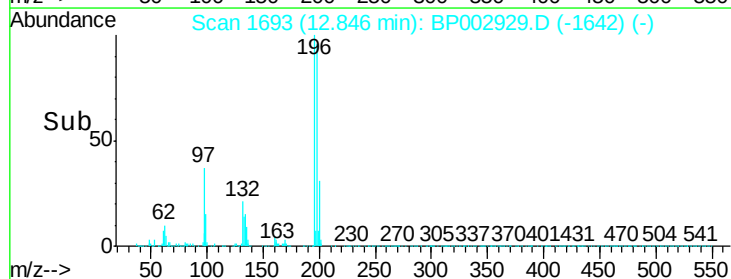
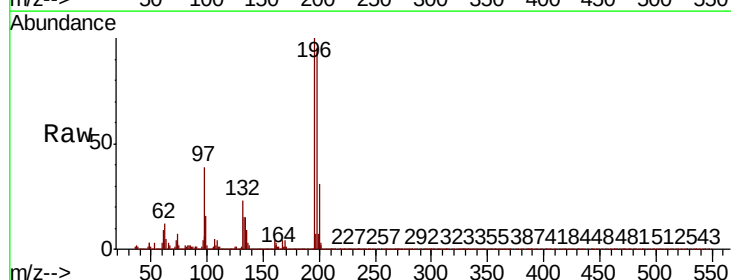
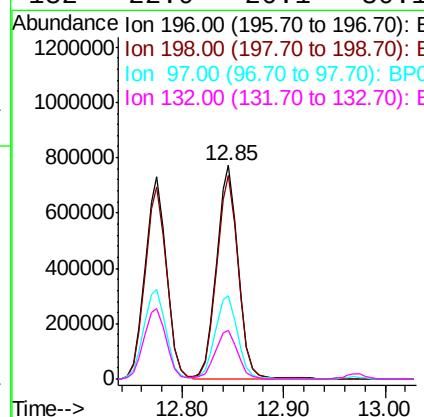
Manual Integrations
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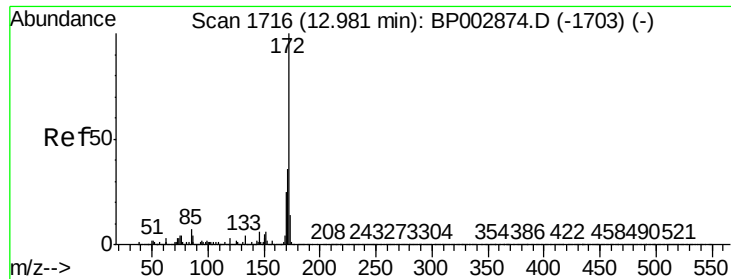
mohammad
8/10/2020 3:44:54 PM



#44
2,4,5-Trichlorophenol
Concen: 40.339 ng
RT: 12.85 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.1	114.1
97	39.1	37.6	56.4
132	22.9	20.1	30.1





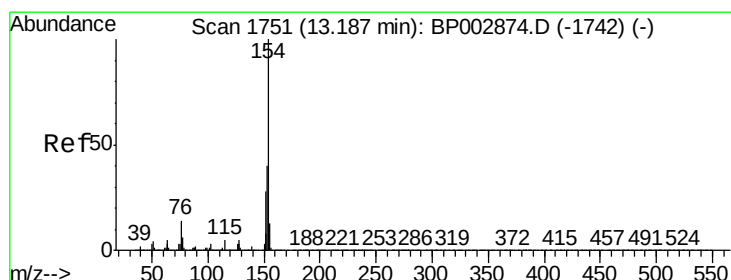
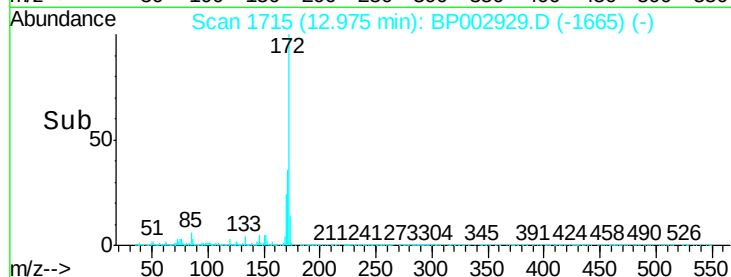
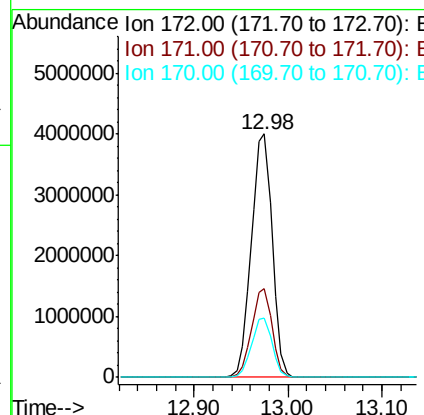
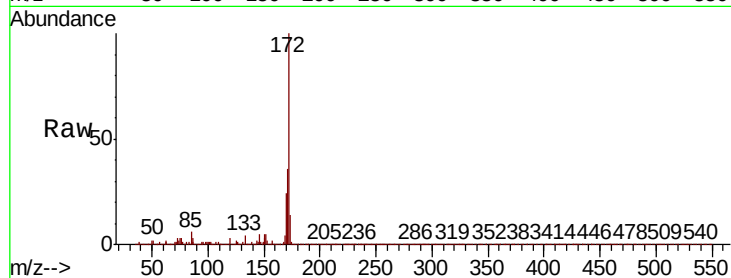
#45
2-Fluorobiphenyl
Concen: 67.869 ng
RT: 12.98 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampled :
PB130746BS

Tot Ion:172 Resp: 6136924
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.2 19.6 29.4

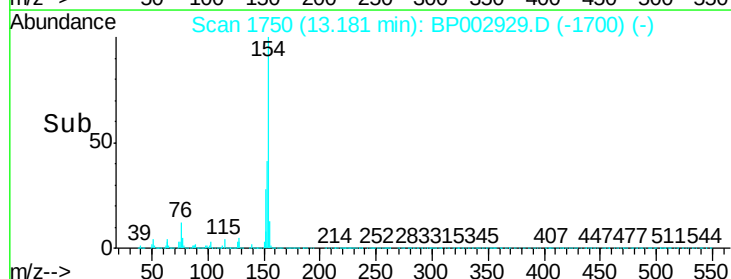
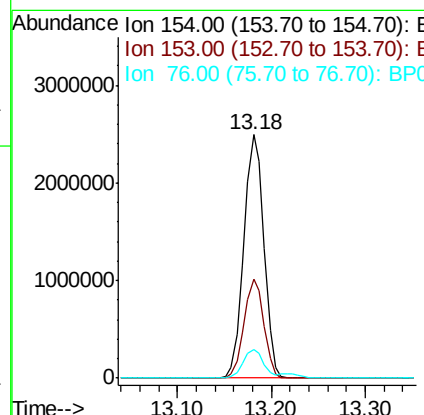
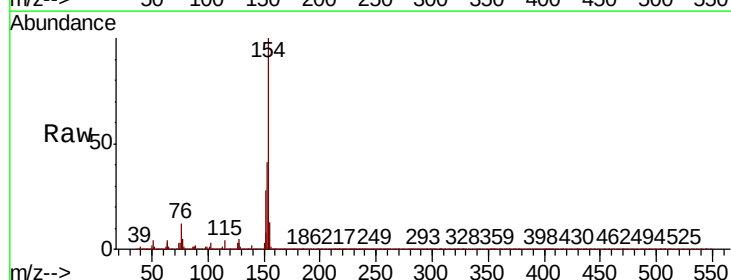
Manual Integrations
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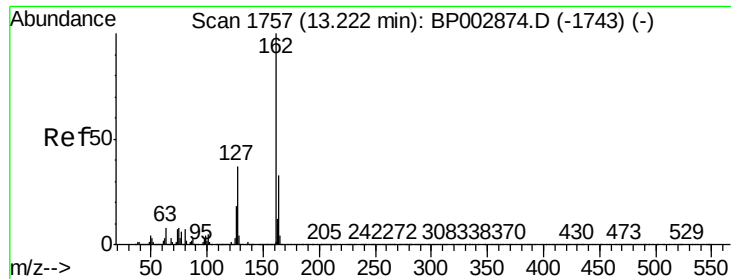
mohammad
8/10/2020 3:44:54 PM



#46
1,1'-Biphenyl
Concen: 36.110 ng
RT: 13.18 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:154 Resp: 3687985
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 12.0 0.0 33.8





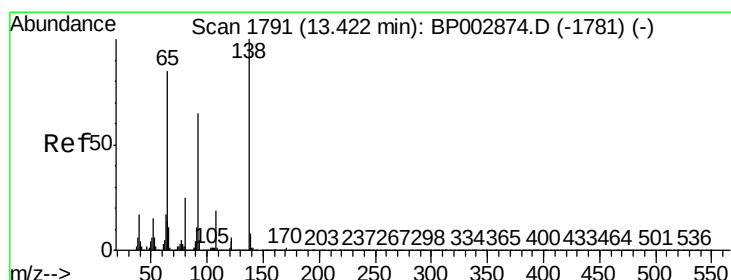
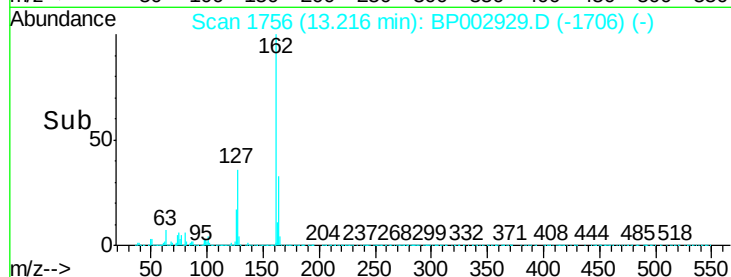
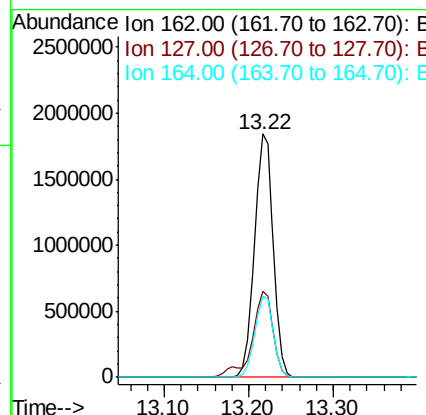
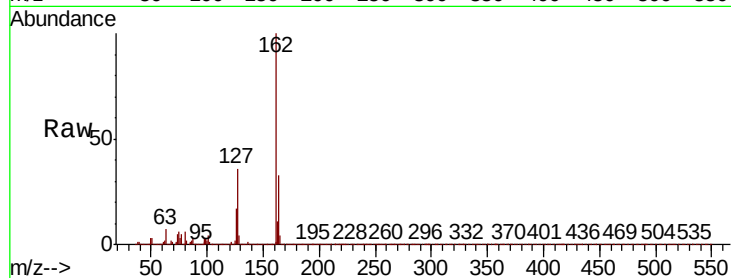
#47
2-Chloronaphthalene
Concen: 35.750 ng
RT: 13.22 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.6	29.9	44.9
164	33.1	26.2	39.4

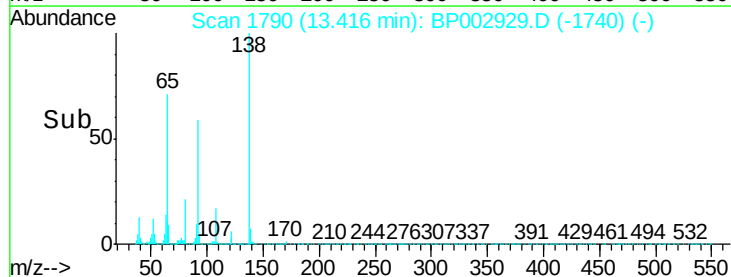
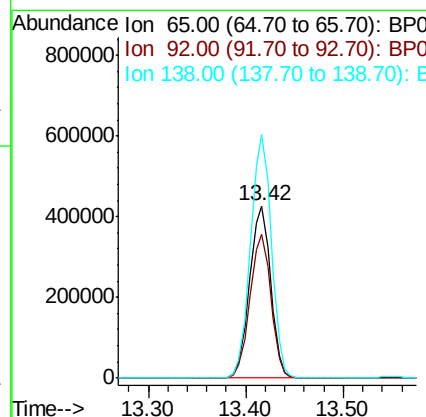
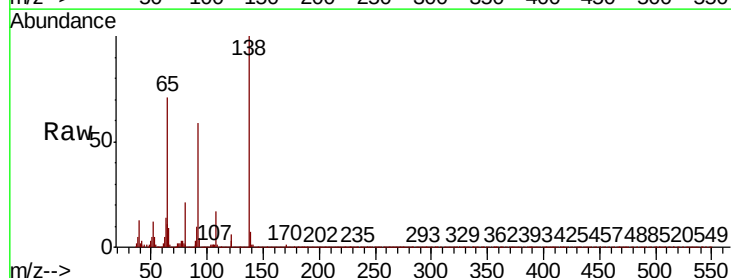
Manual Integrations
APPROVED

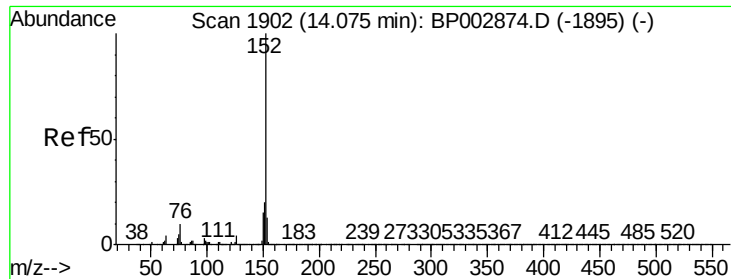
mohammad
8/10/2020 3:44:54 PM



#48
2-Nitroaniline
Concen: 33.393 ng
RT: 13.42 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	83.8	61.4	92.0
138	141.6	94.2	141.4#





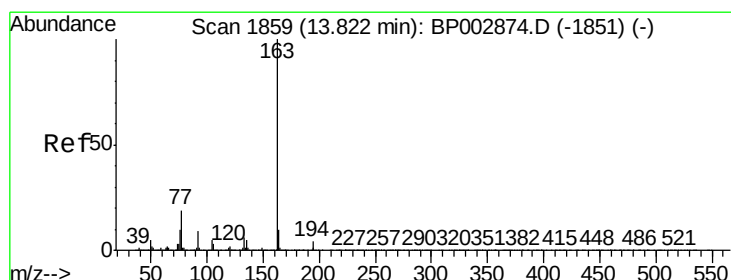
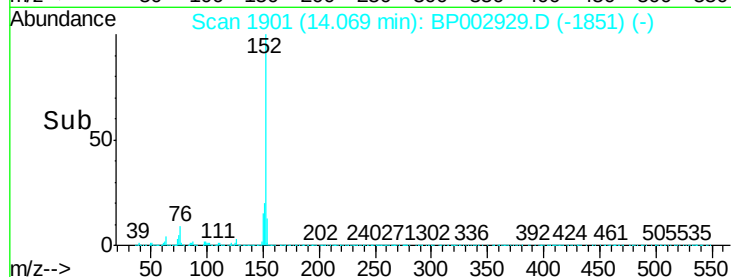
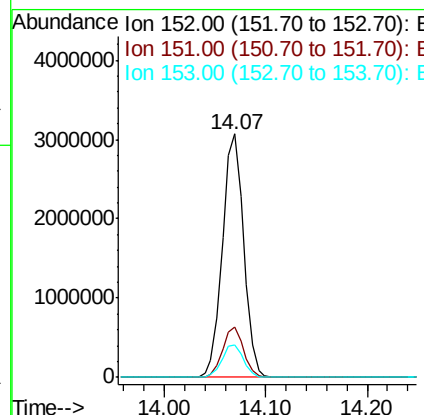
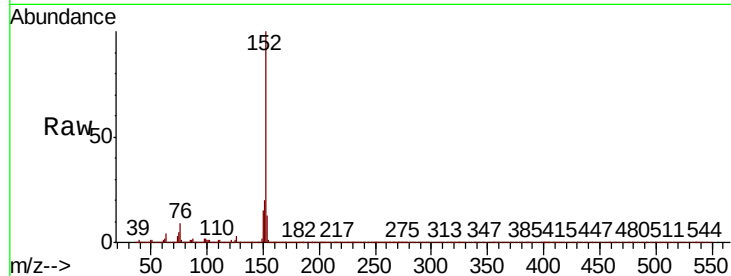
#49
Acenaphthylene
Concen: 35.554 ng
RT: 14.07 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.4	10.6	16.0

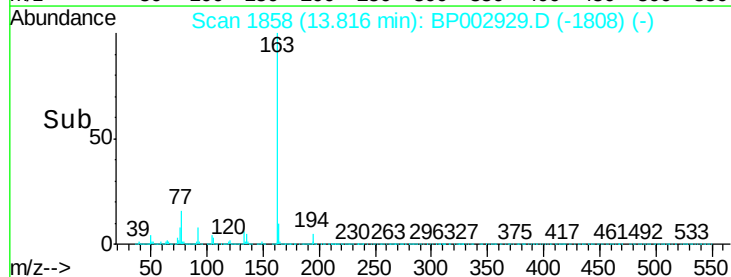
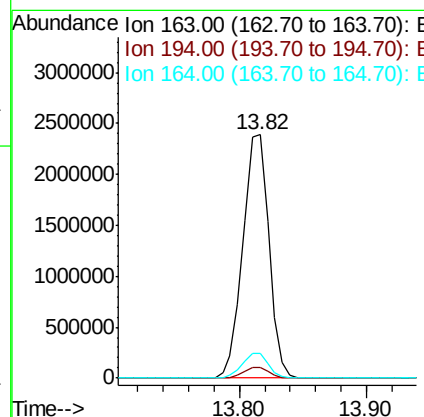
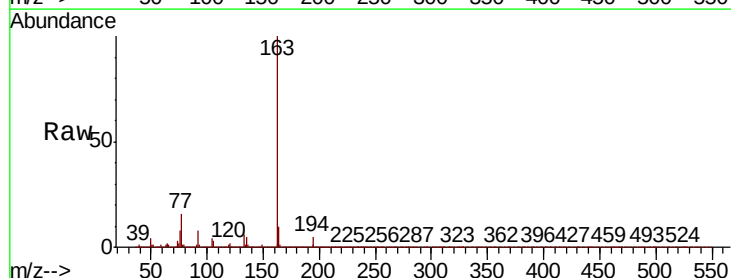
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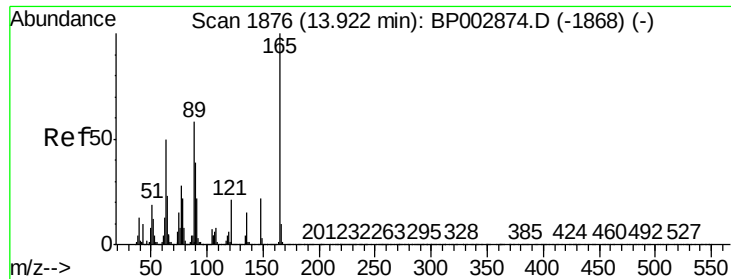
mohammad
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#50
Dimethylphthalate
Concen: 35.117 ng
RT: 13.82 min Scan# 1858
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.1	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 35.415 ng

RT: 13.92 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

Tot Ion:165 Resp: 753785

Ion Ratio Lower Upper

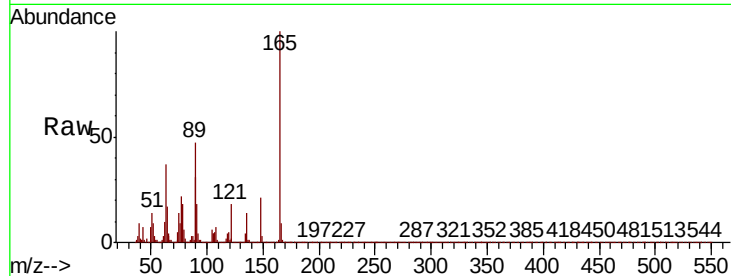
165 100

63 37.1 40.3 60.5#

89 46.5 46.5 69.7

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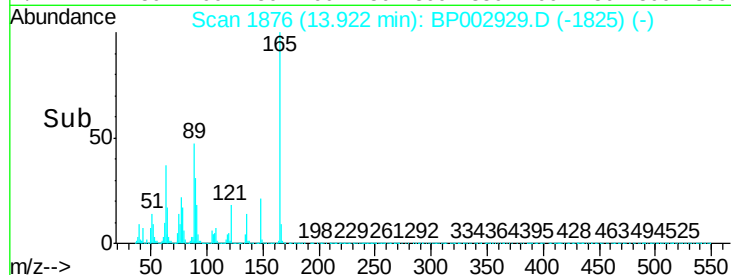


Abundance Ion 165.00 (164.70 to 165.70): E

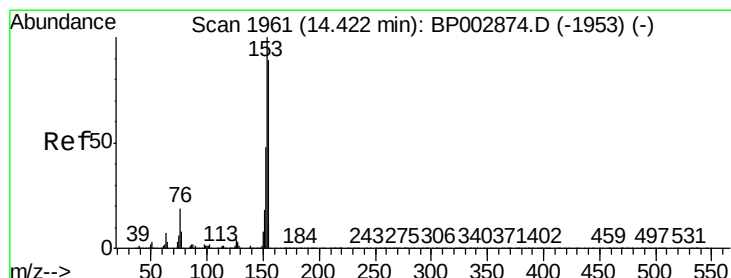
Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Time-->



Time-->



#52

Acenaphthene

Concen: 37.846 ng m

RT: 14.42 min Scan# 1960

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

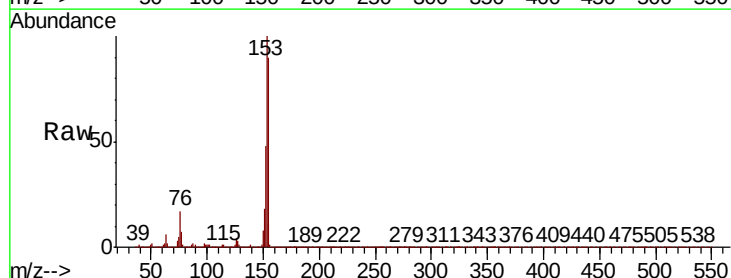
Tgt Ion:154 Resp: 3050949

Ion Ratio Lower Upper

154 100

153 111.2 89.7 134.5

152 52.9 43.3 64.9

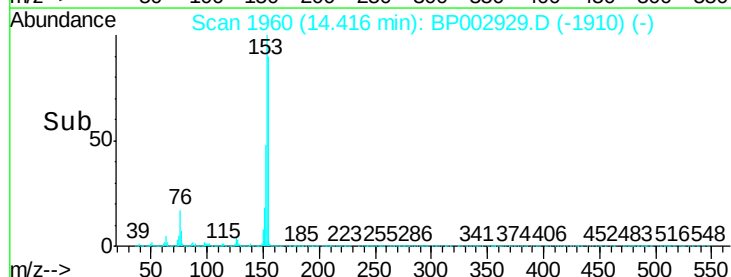


Abundance Ion 154.00 (153.70 to 154.70): E

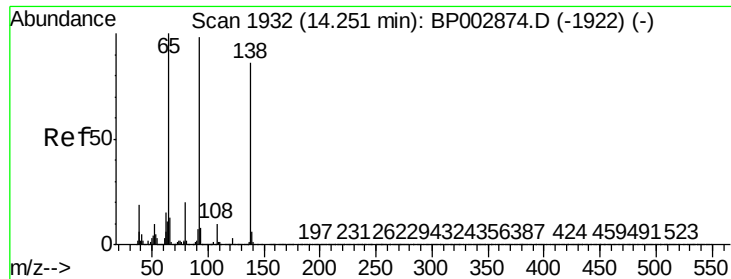
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



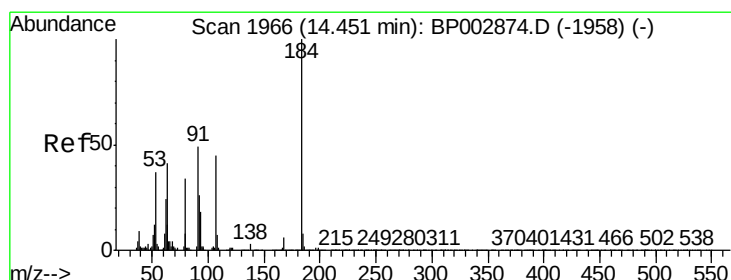
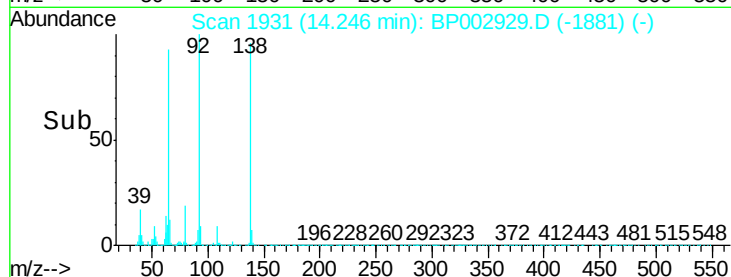
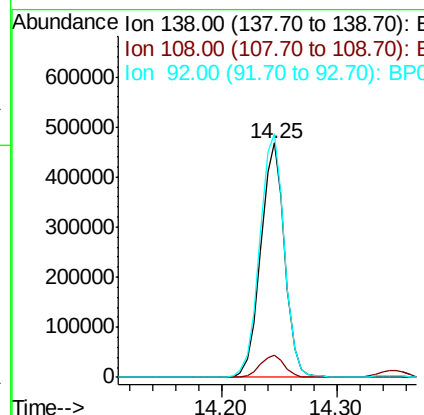
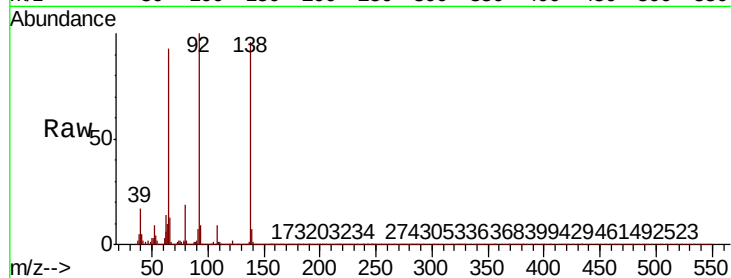
#53
3-Nitroaniline
Concen: 30.743 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	9.4	14.0
92	103.9	91.0	136.6

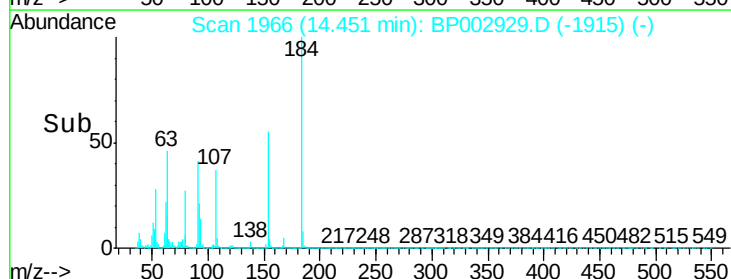
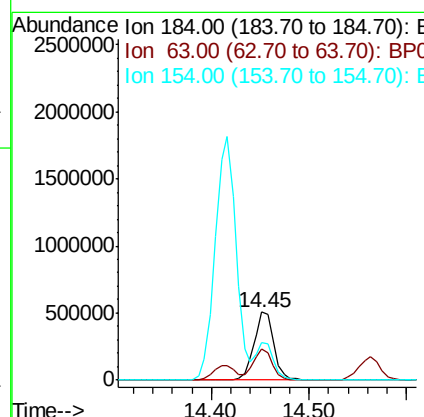
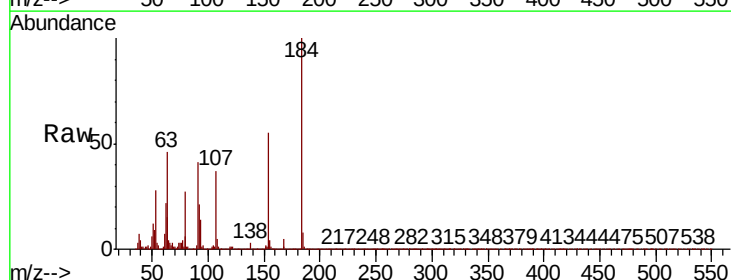
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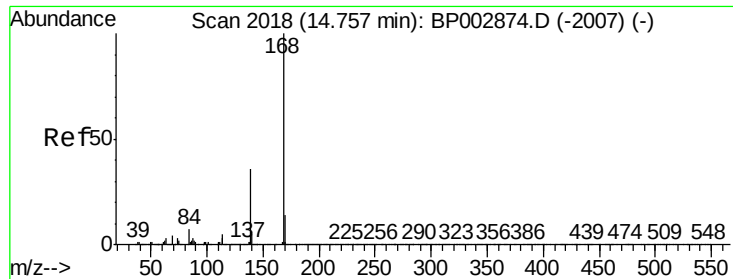
mohammad
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#54
2,4-Dinitrophenol
Concen: 79.257 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.6	50.3	75.5#
154	55.0	50.6	76.0





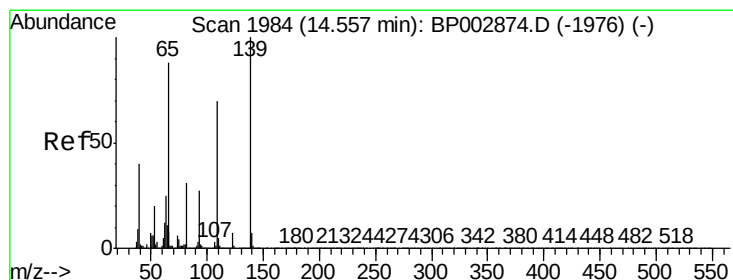
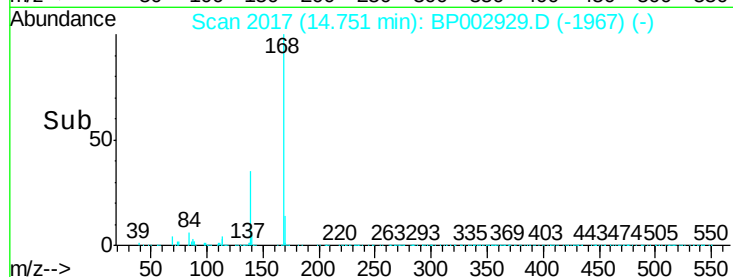
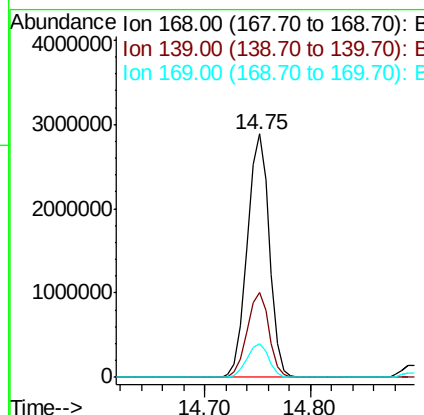
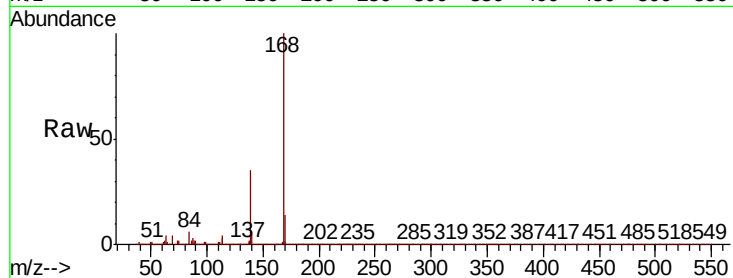
#55
Dibenzofuran
Concen: 33.706 ng
RT: 14.75 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.0	28.9	43.3
169	13.8	11.0	16.6

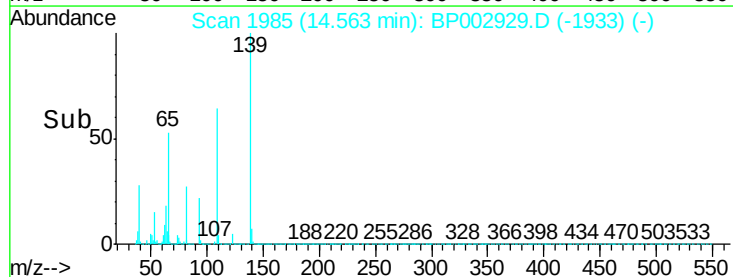
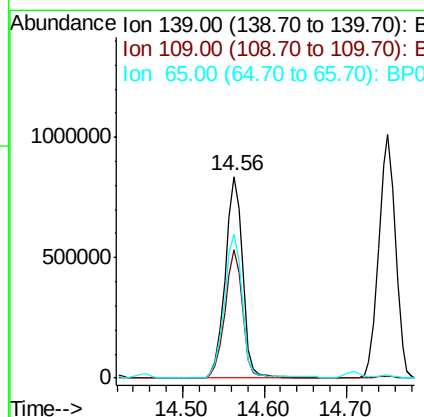
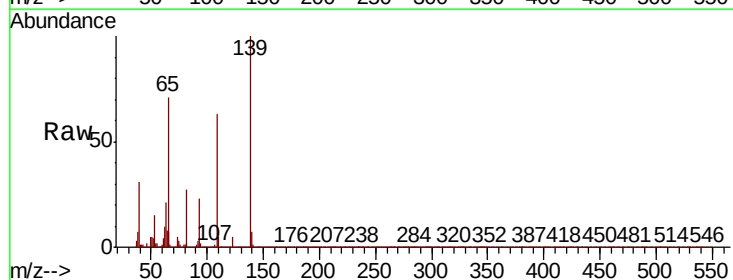
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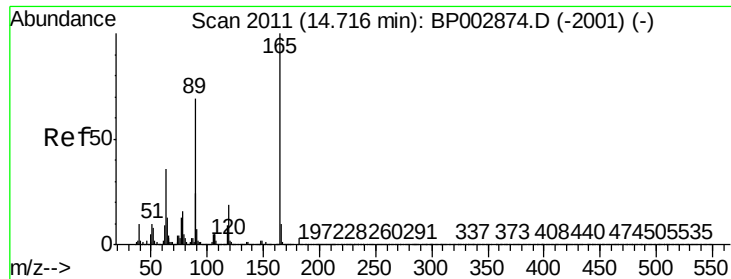
mohammad
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#56
4-Nitrophenol
Concen: 72.442 ng
RT: 14.56 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.4	49.8	89.8
65	71.4	67.9	107.9





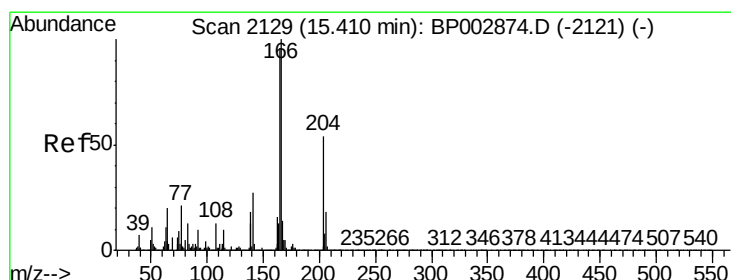
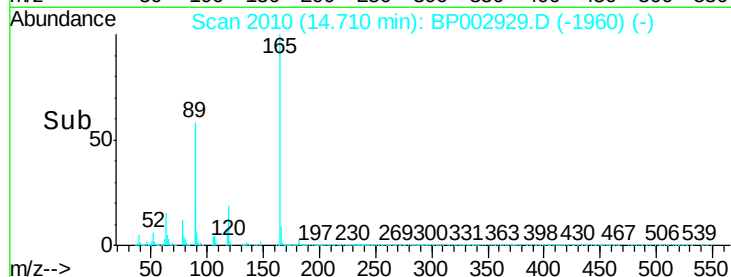
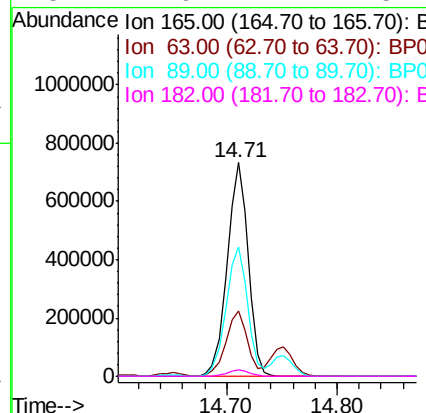
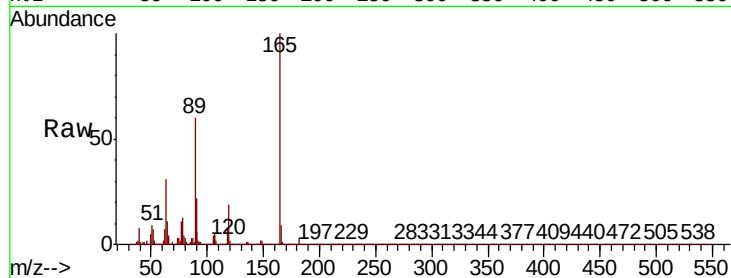
#57
2,4-Dinitrotoluene
Concen: 35.005 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	30.6	29.0	43.4
89	60.4	55.5	83.3
182	2.9	2.2	3.4

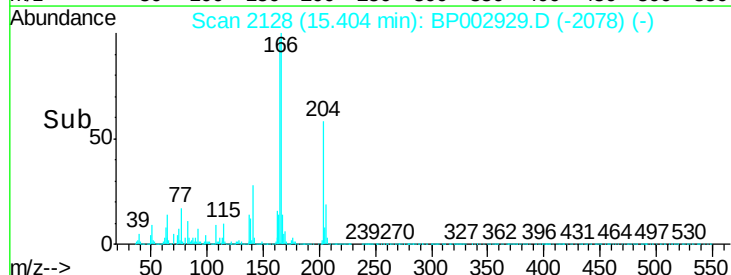
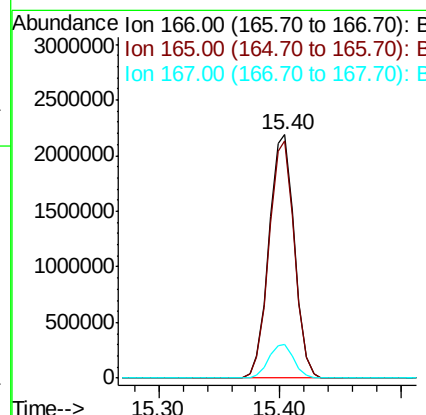
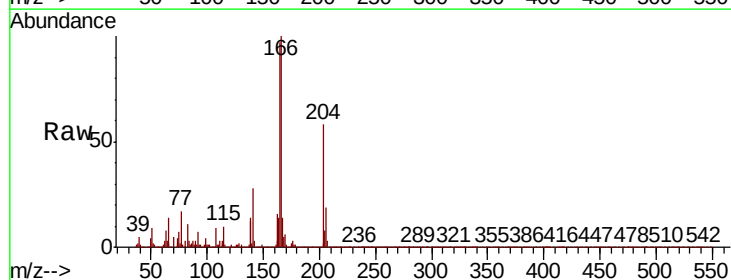
Manual Integrations
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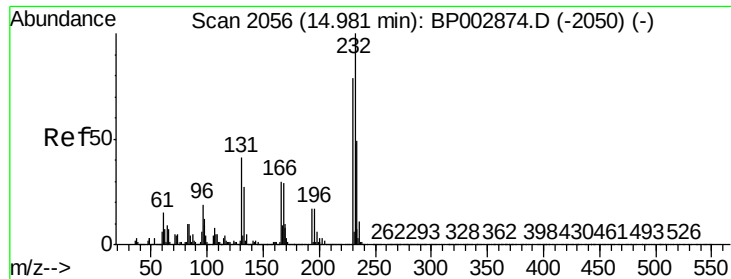
mohammad
8/10/2020 3:44:54 PM



#58
Fluorene
Concen: 33.181 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.0	115.4
167	13.7	10.9	16.3





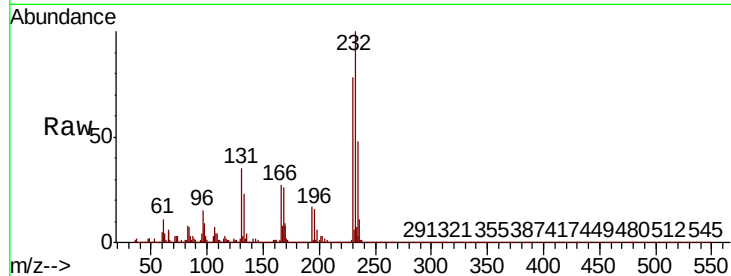
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.468 ng
 RT: 14.98 min Scan# 2056
 Delta R.T. 0.00 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	977159		
131	36.8		32.1	48.1
130	1.9		1.7	2.5
166	27.1		22.9	34.3

Manual Integrations
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 8/10/2020 3:44:54 PM



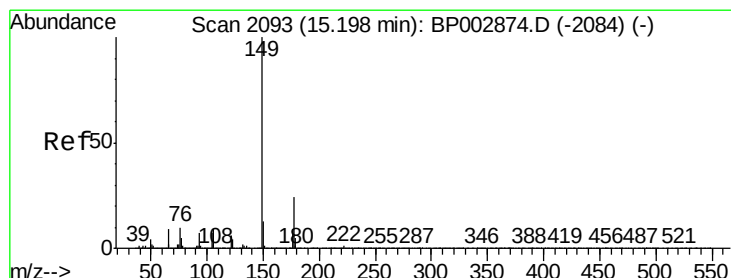
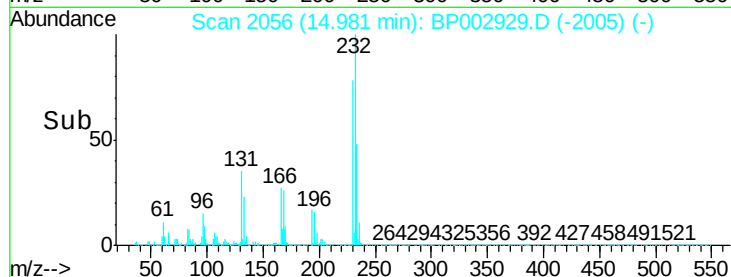
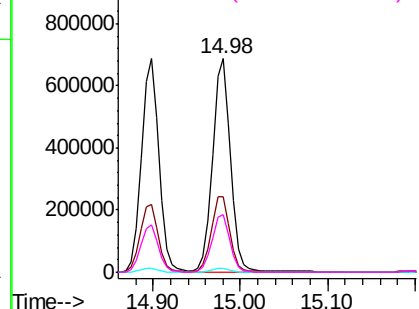
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

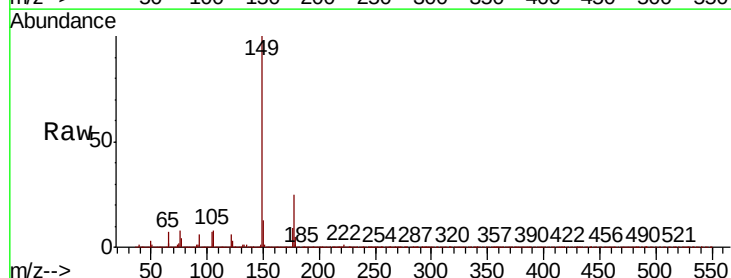
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 33.826 ng
 RT: 15.19 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	3193900		
177	24.5		18.9	28.3
150	12.8		10.2	15.2

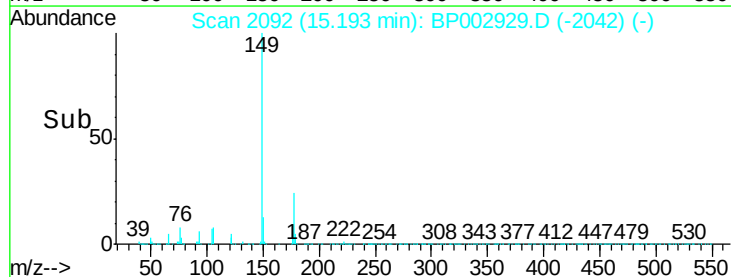
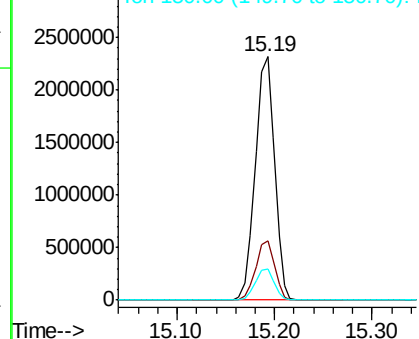


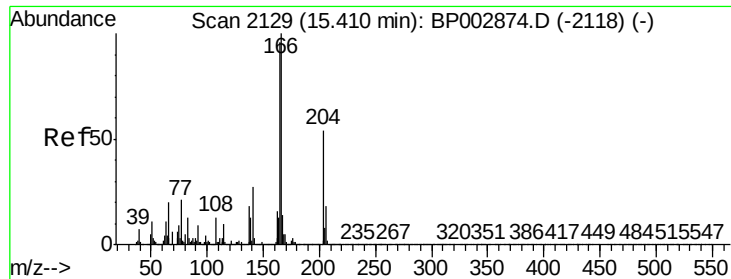
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





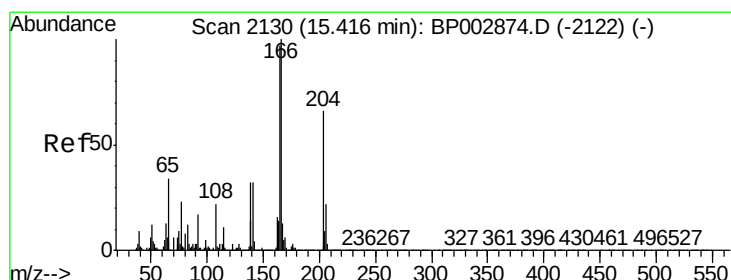
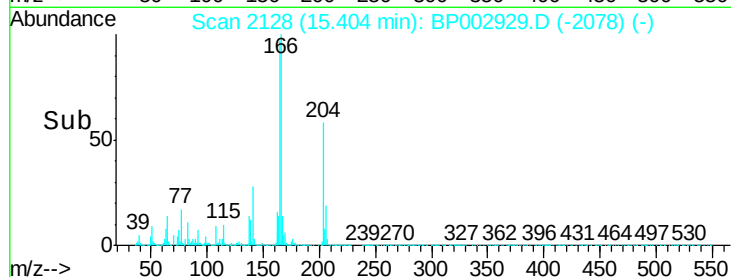
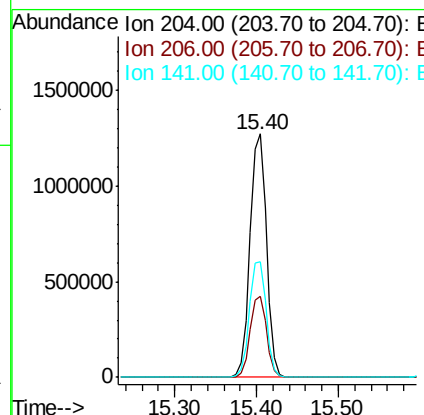
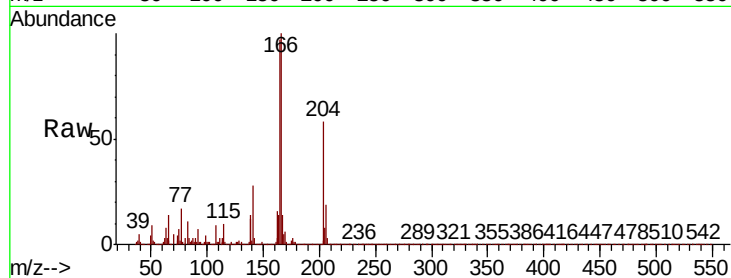
#61
4-Chlorophenyl-phenylether
Concen: 35.482 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	47.5	40.5	60.7

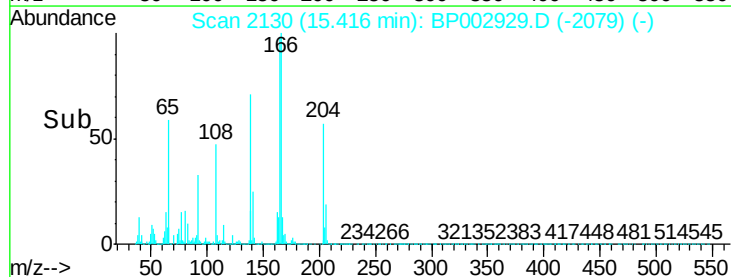
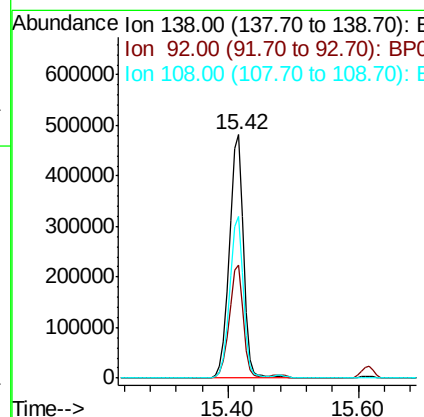
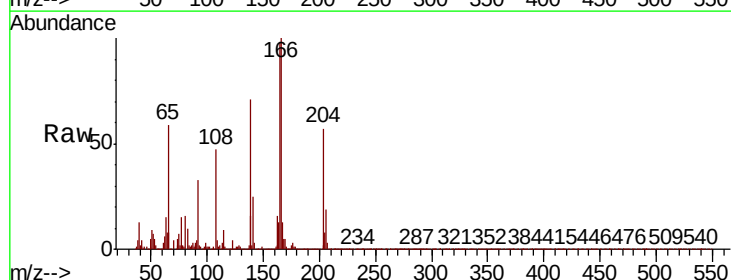
Manual Integrations
APPROVED

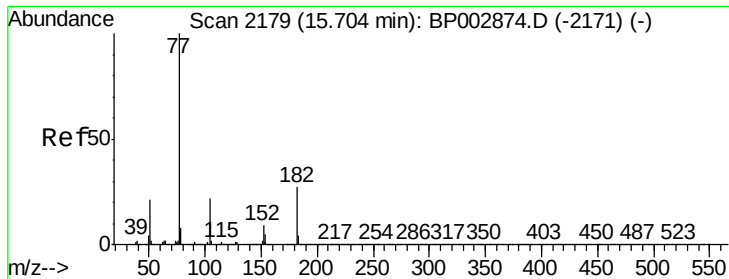
mohammad
8/10/2020 3:44:54 PM



#62
4-Nitroaniline
Concen: 33.263 ng
RT: 15.42 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.3	32.2	72.2
108	66.6	50.0	90.0





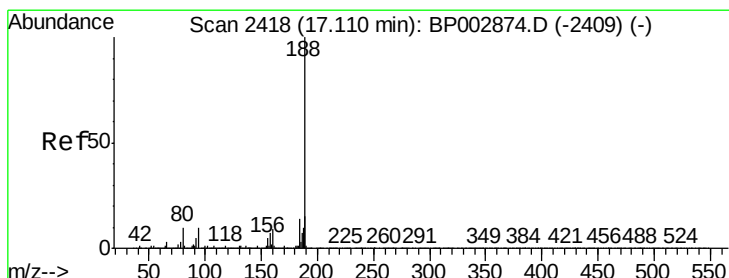
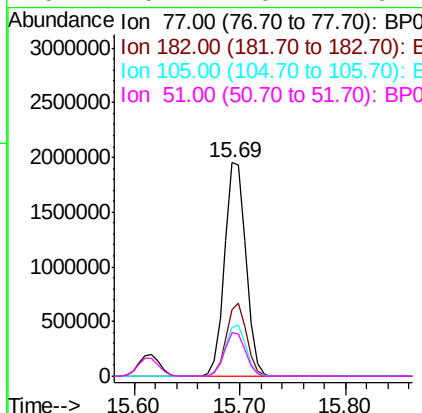
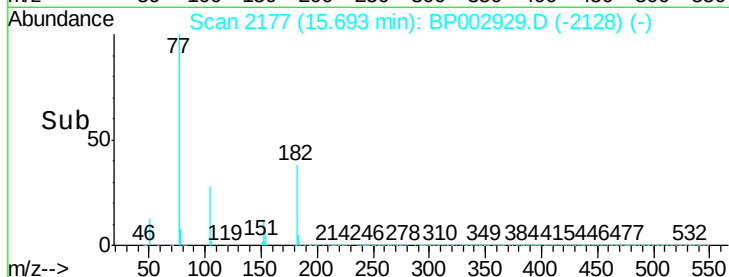
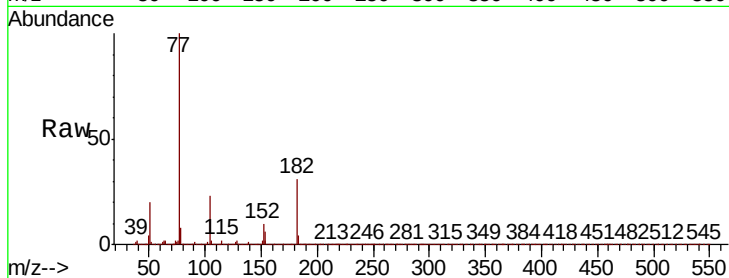
#63
Azobenzene
Concen: 28.550 ng
RT: 15.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.1	6.9	46.9	
105	23.1	2.1	42.1	
51	20.4	0.7	40.7	

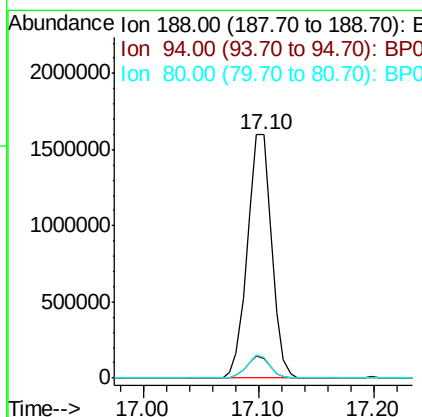
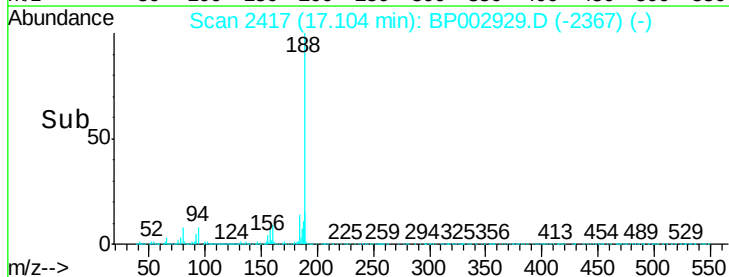
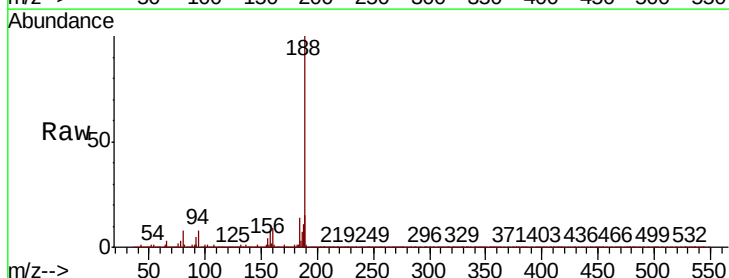
Manual Integrations
APPROVED

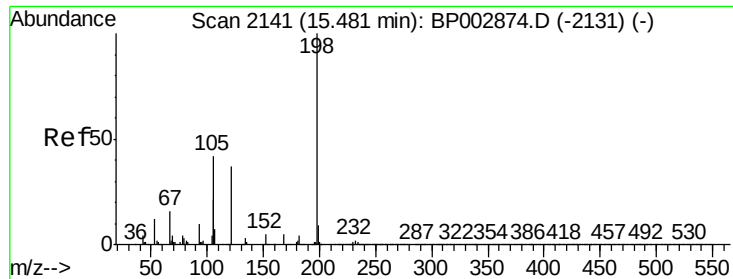
mohammad
8/10/2020 3:44:54 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.1	7.8	11.6	
80	8.4	8.0	12.0	





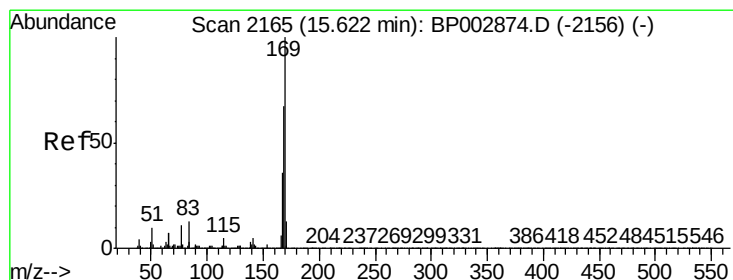
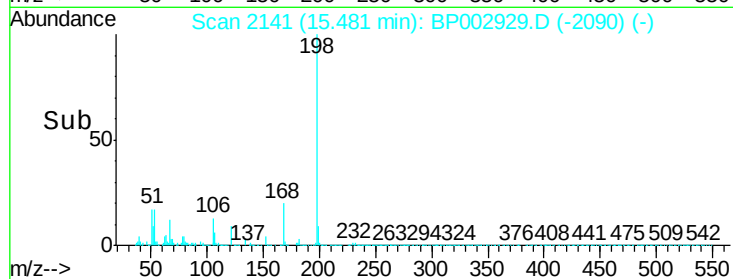
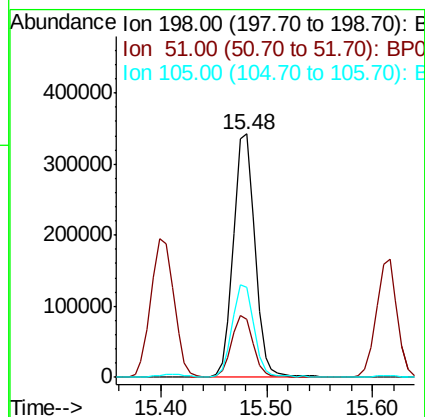
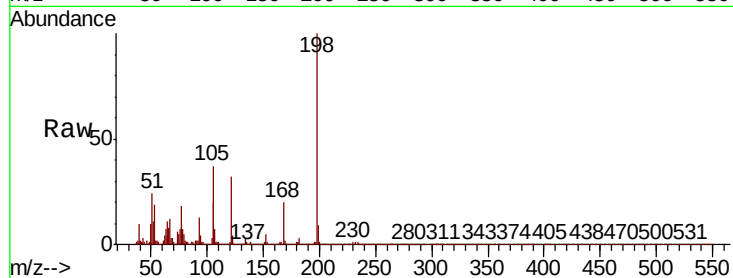
#65
4,6-Dinitro-2-methylphenol
Concen: 40.756 ng
RT: 15.48 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	480893		
51	23.8		11.6	51.6
105	37.2		23.8	63.8

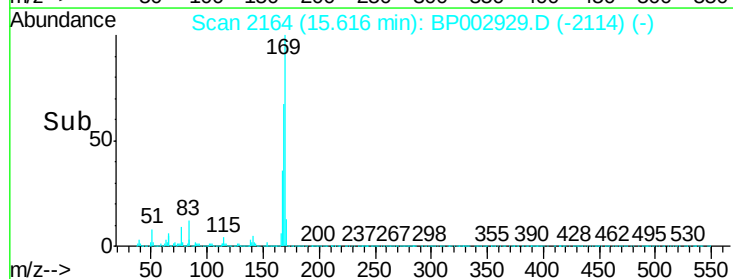
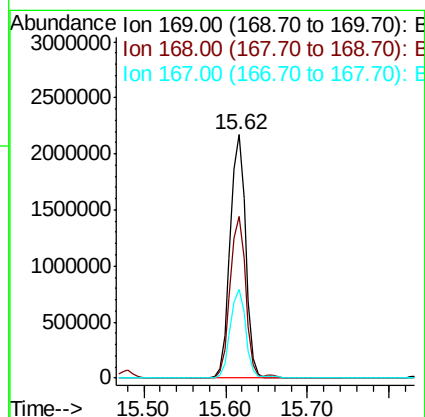
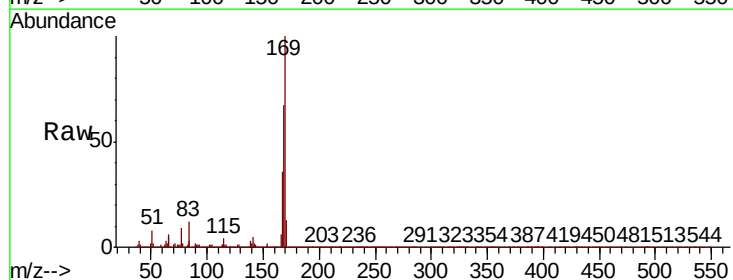
Manual Integrations
APPROVED

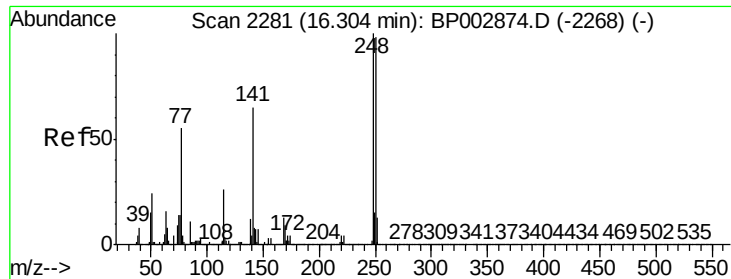
mohammad
8/10/2020 3:44:54 PM



#66
n-Nitrosodiphenylamine
Concen: 37.080 ng
RT: 15.62 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2866550		
168	66.6		53.6	80.4
167	36.3		29.1	43.7





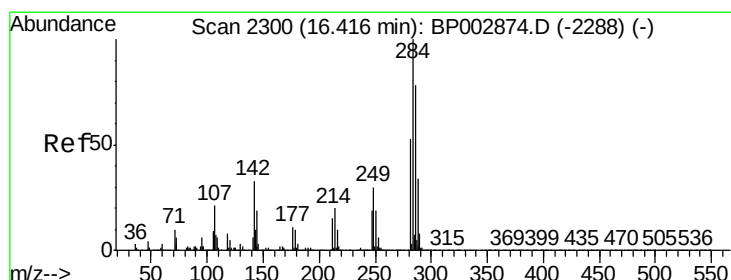
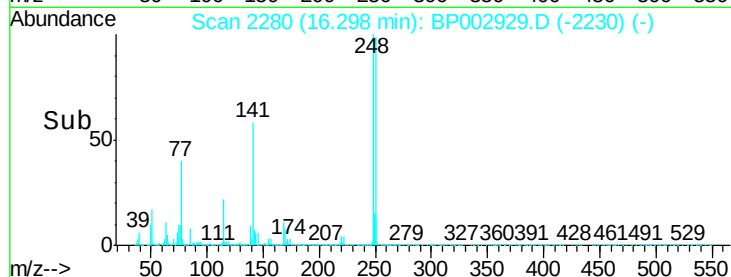
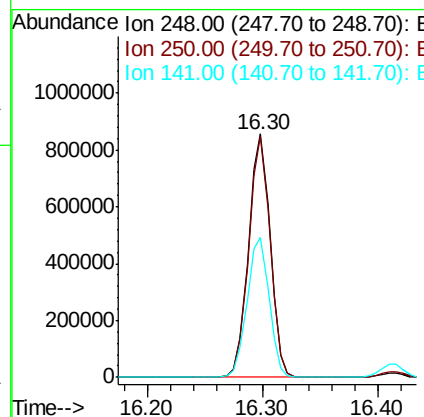
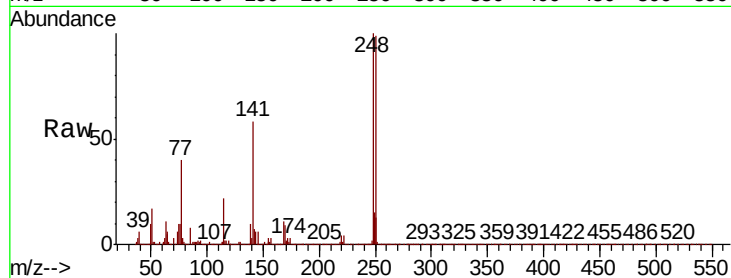
#67
4-Bromophenyl-phenylether
Concen: 39.191 ng
RT: 16.30 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion:248 Resp: 1112966
Ion Ratio Lower Upper
248 100
250 99.0 78.6 118.0
141 57.6 52.3 78.5

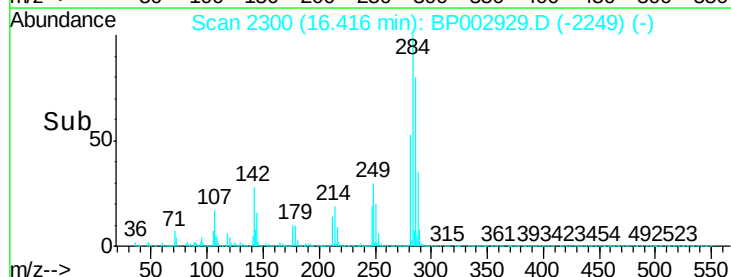
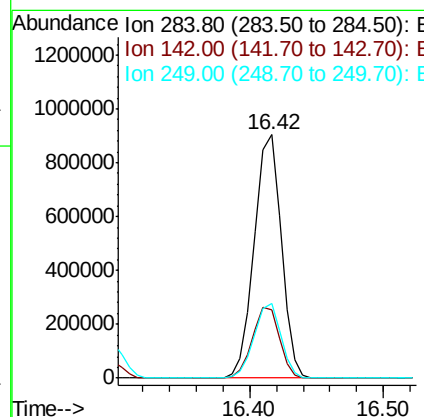
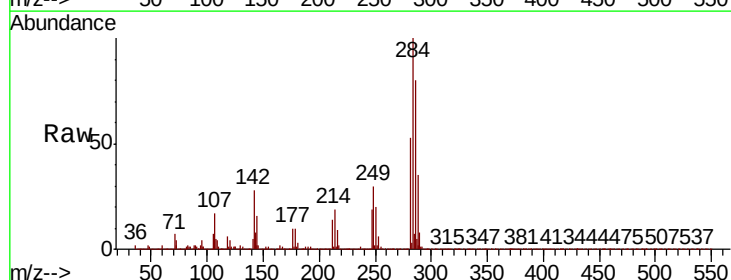
Manual Integrations
APPROVED

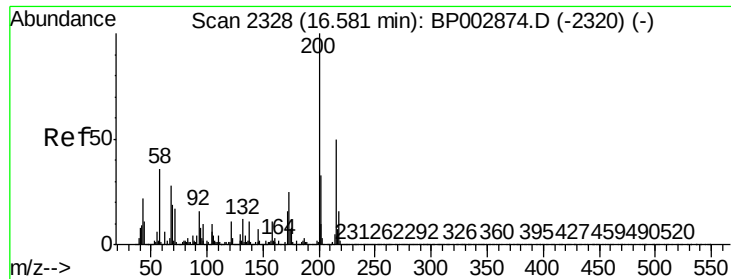
mohammad
8/10/2020 3:44:54 PM



#68
Hexachlorobenzene
Concen: 38.340 ng
RT: 16.42 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:284 Resp: 1259336
Ion Ratio Lower Upper
284 100
142 28.0 26.1 39.1
249 30.4 24.2 36.2





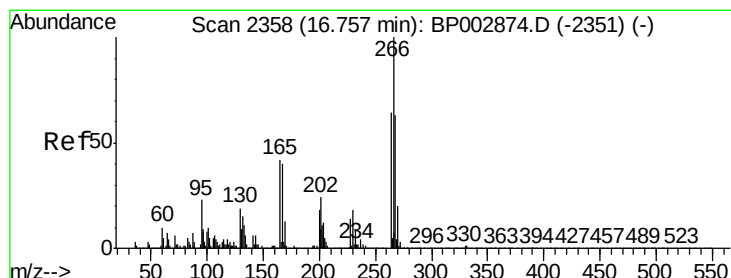
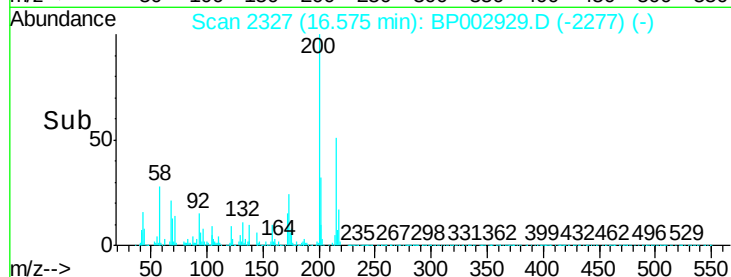
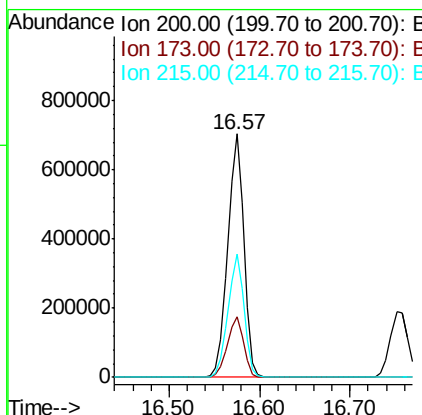
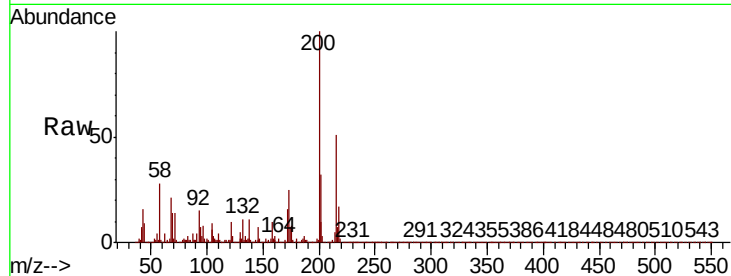
#69
Atrazine
Concen: 33.144 ng
RT: 16.57 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	5.3	45.3
215	50.6	29.7	69.7

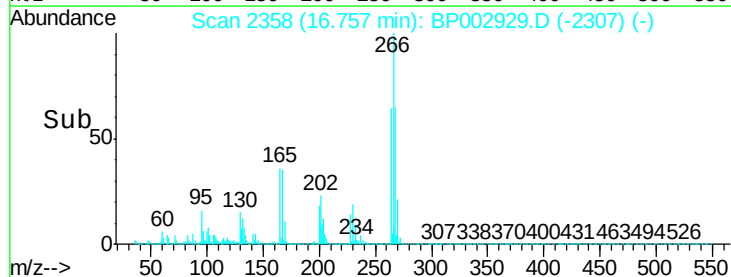
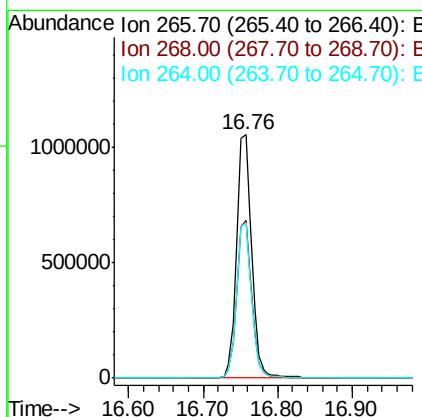
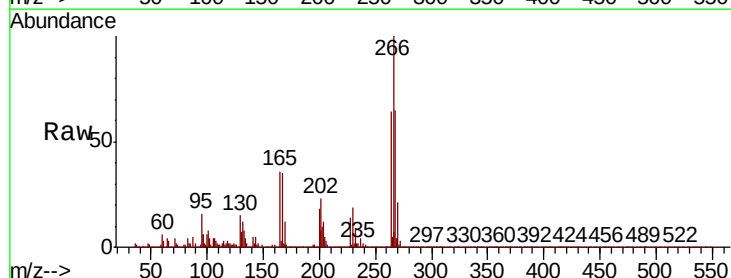
Manual Integrations
APPROVED

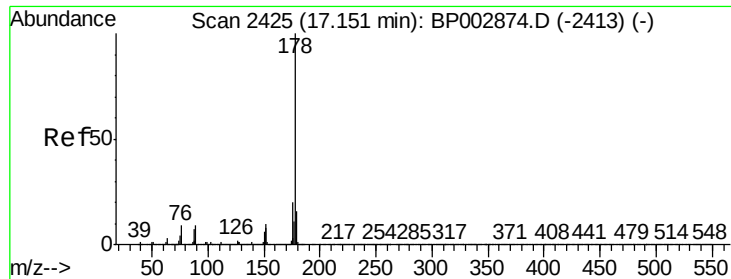
mohammad
8/10/2020 3:44:54 PM



#70
Pentachlorophenol
Concen: 88.327 ng
RT: 16.76 min Scan# 2358
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.7	76.1
264	64.0	50.9	76.3





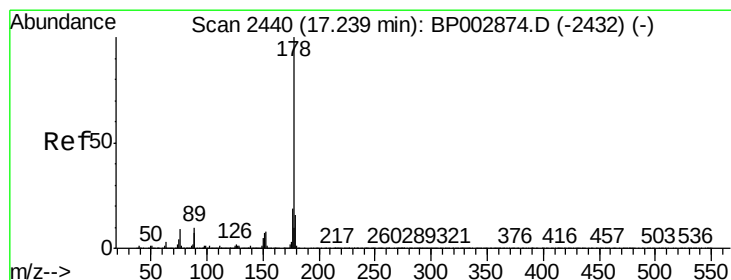
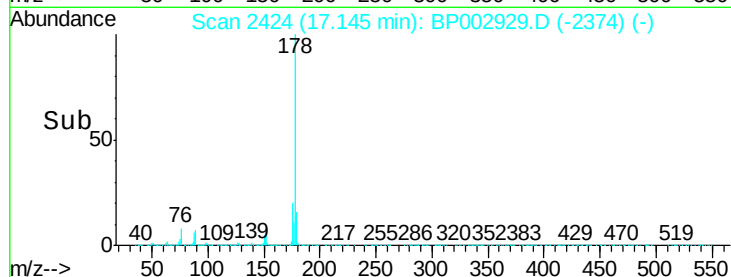
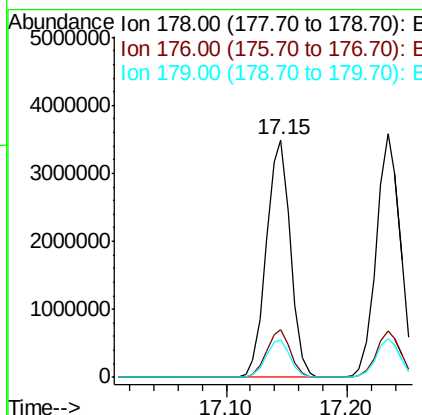
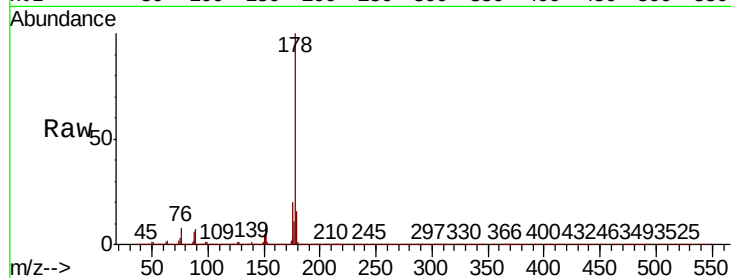
#71
Phenanthrene
Concen: 35.342 ng
RT: 17.15 min Scan# 2424
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion:178 Resp: 4837531
Ion Ratio Lower Upper
178 100
176 20.0 16.1 24.1
179 16.0 13.0 19.4

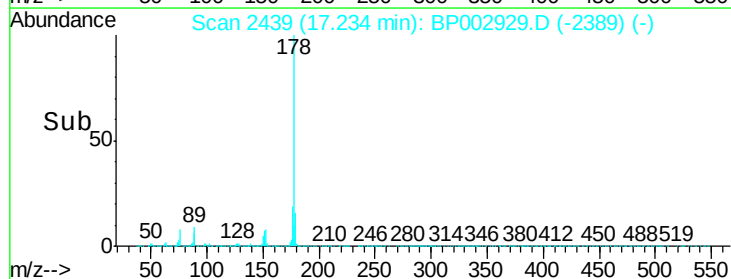
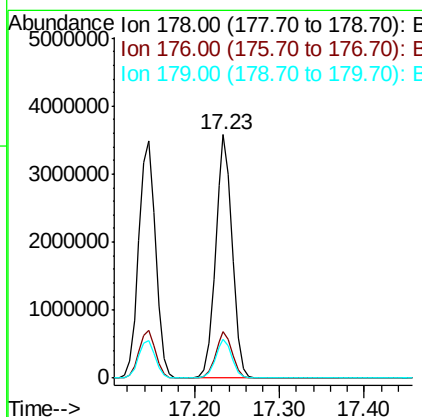
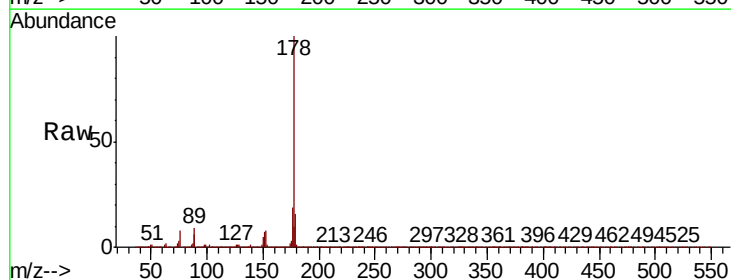
Manual Integrations
APPROVED

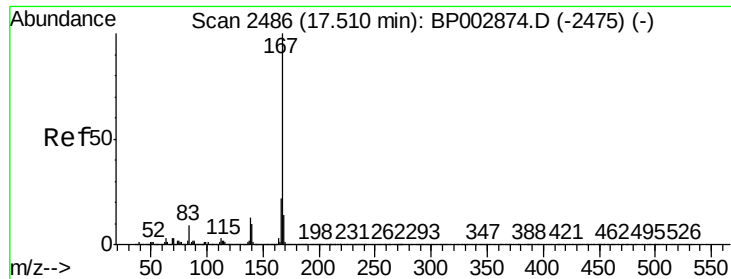
mohammad
8/10/2020 3:44:54 PM



#72
Anthracene
Concen: 36.993 ng
RT: 17.23 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:178 Resp: 4948956
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 16.1 13.1 19.7





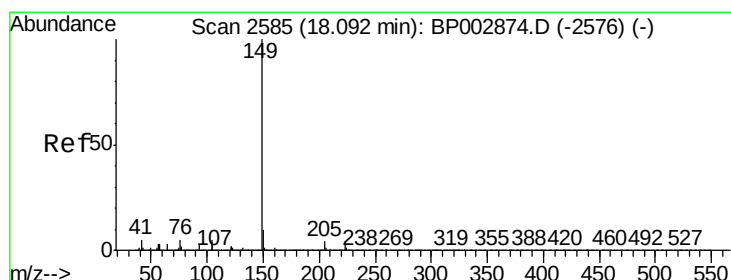
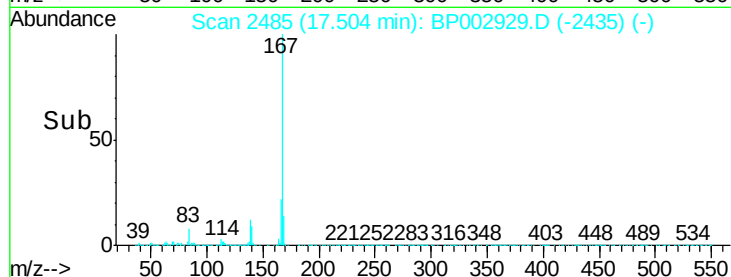
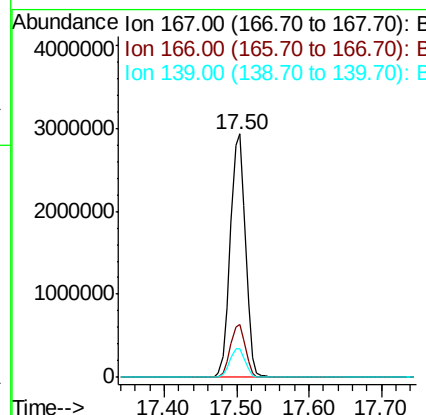
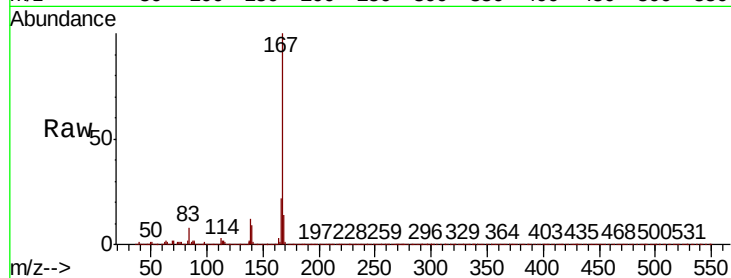
#73
 Carbazole
 Concen: 32.668 ng
 RT: 17.50 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.0	10.2	15.2

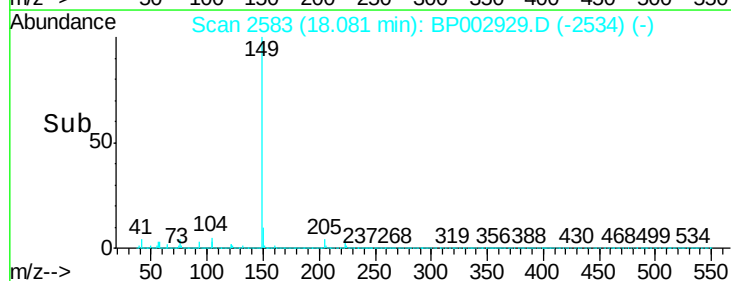
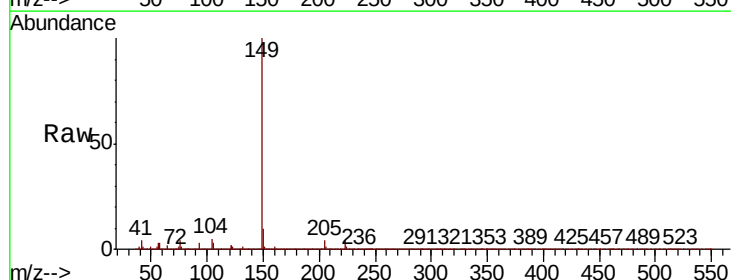
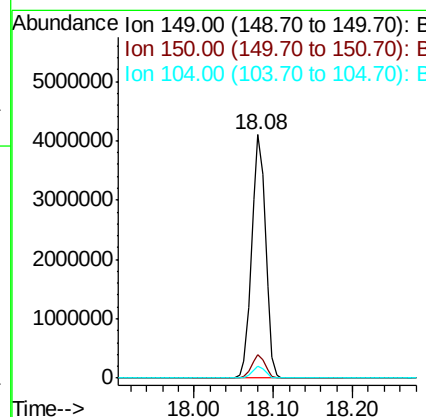
Manual Integrations
 APPROVED

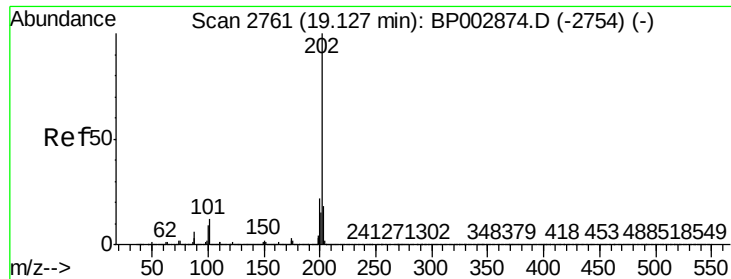
mohammad
 8/10/2020 3:44:54 PM



#74
 Di-n-butylphthalate
 Concen: 36.073 ng
 RT: 18.08 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	4.8	4.2	6.4





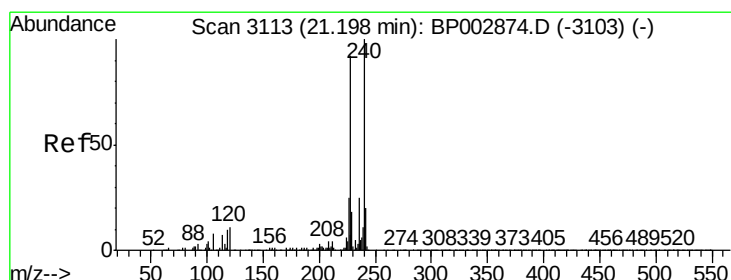
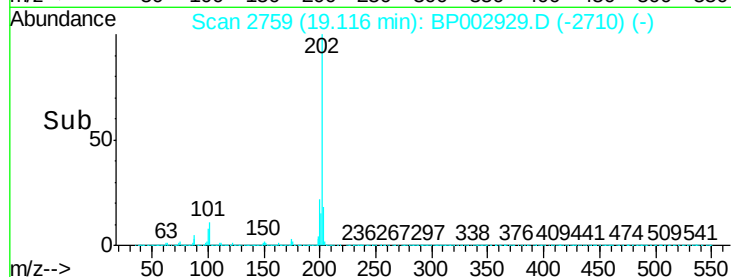
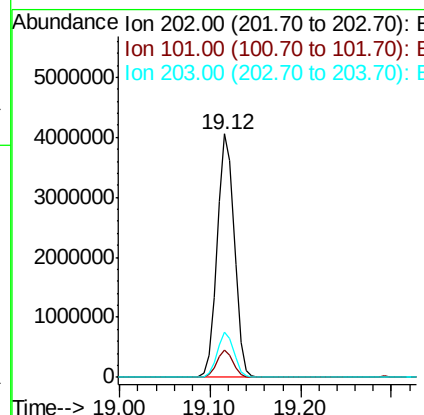
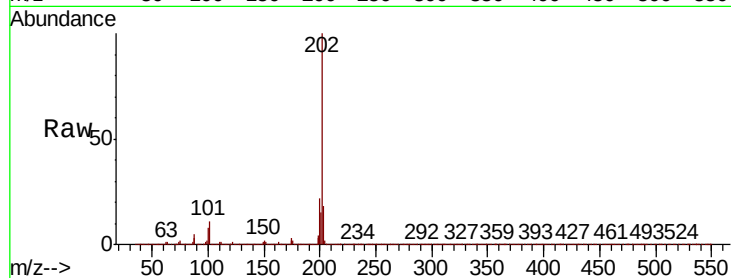
#75
Fluoranthene
Concen: 33.653 ng
RT: 19.12 min Scan# 2759
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampled :
PB130746BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.6
203	18.5	0.0	38.4

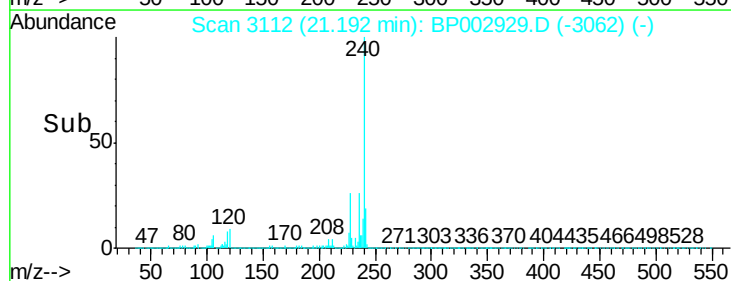
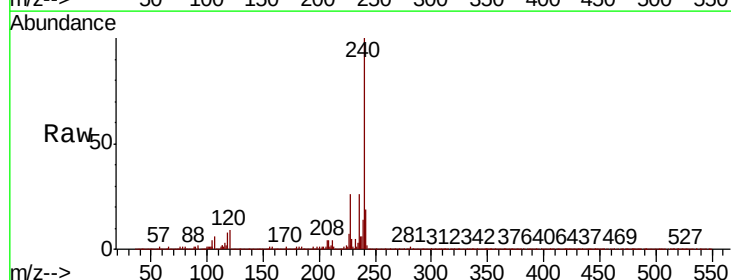
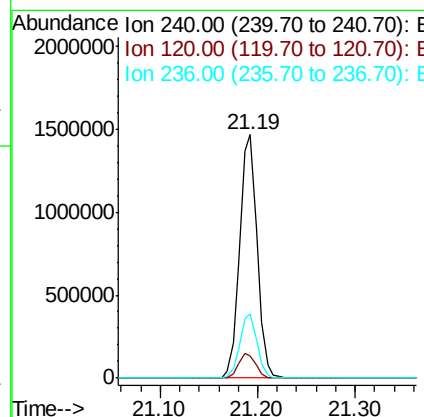
Manual Integrations
APPROVED

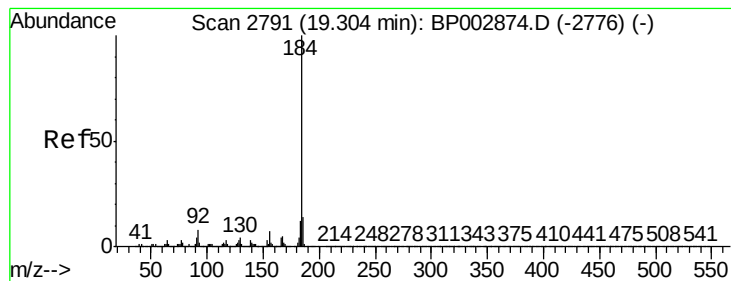
mohammad
8/10/2020 3:44:54 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.9	13.3
236	26.2	20.3	30.5





#77

Benzidine

Concen: 75.365 ng

RT: 19.29 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

Tot Ion:184 Resp: 4154984

Ion Ratio Lower Upper

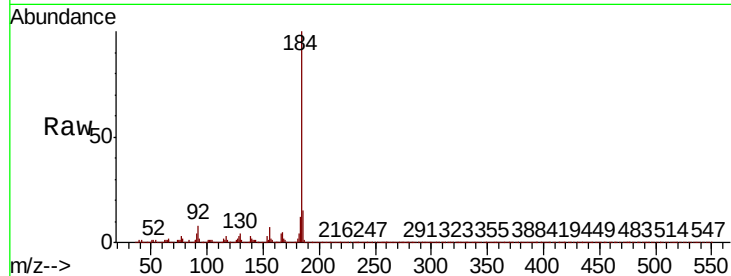
184 100

185 15.0 11.4 17.0

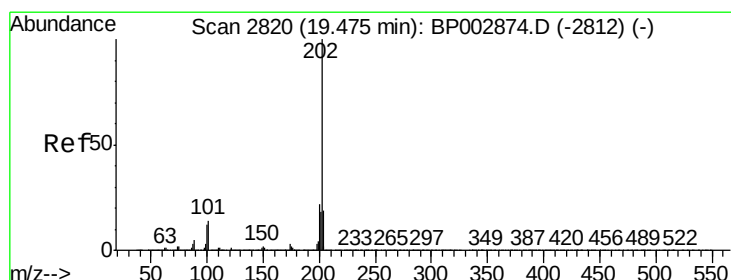
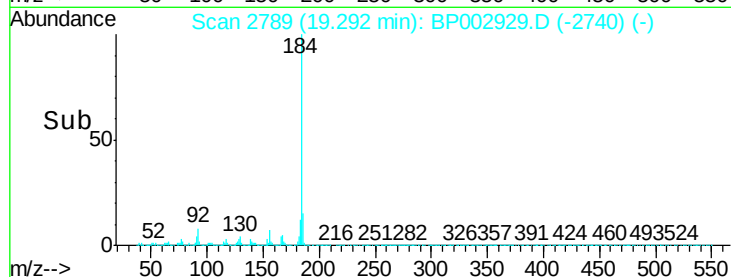
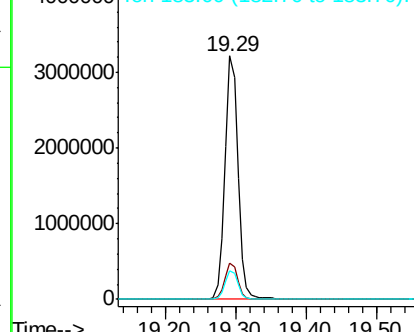
183 11.9 9.3 13.9

Manual Integrations
APPROVED

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8/10/2020 3:44:54 PM



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



#78

Pyrene

Concen: 41.770 ng

RT: 19.47 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

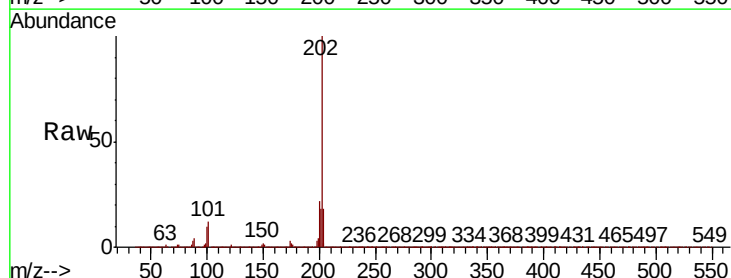
Tgt Ion:202 Resp: 5279281

Ion Ratio Lower Upper

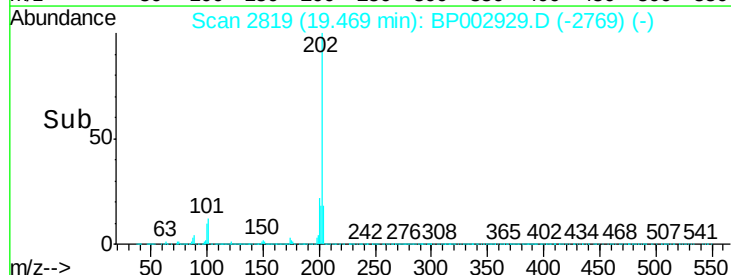
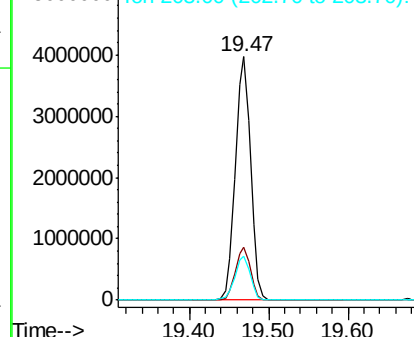
202 100

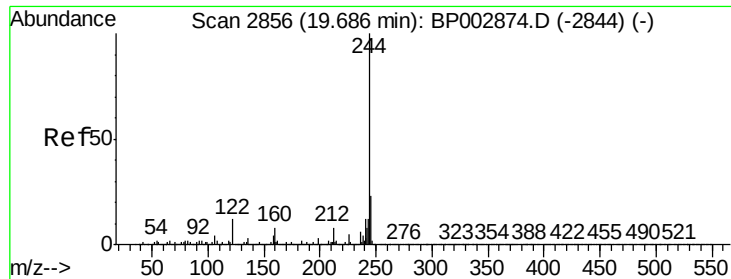
200 21.9 17.9 26.9

203 18.2 15.1 22.7



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





#79

Terphenyl-d14

Concen: 74.793 ng

RT: 19.67 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

Tot Ion:244 Resp: 6754577

Ion Ratio Lower Upper

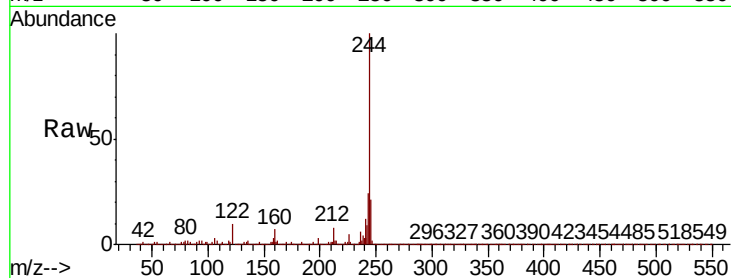
244 100

212 7.7 6.4 9.6

122 10.1 9.4 14.2

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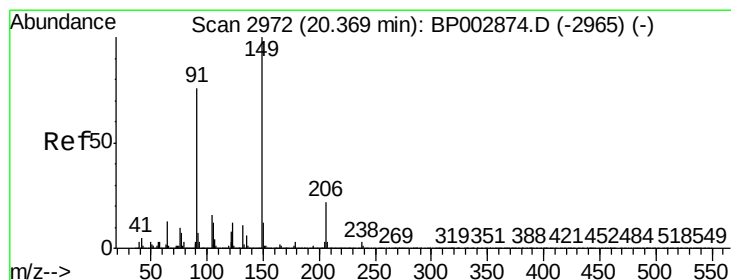
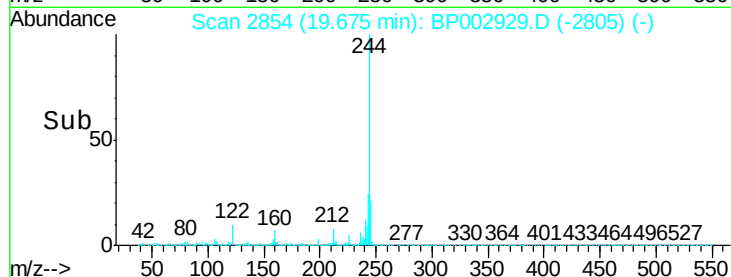
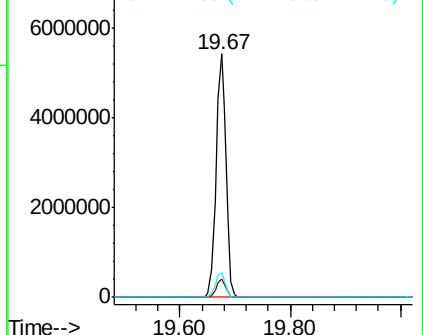
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.695 ng

RT: 20.36 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

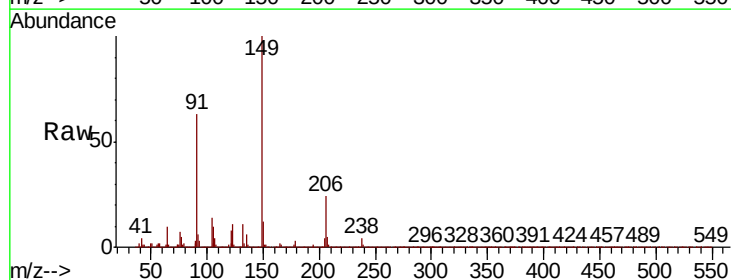
Tgt Ion:149 Resp: 1899337

Ion Ratio Lower Upper

149 100

91 63.5 60.5 90.7

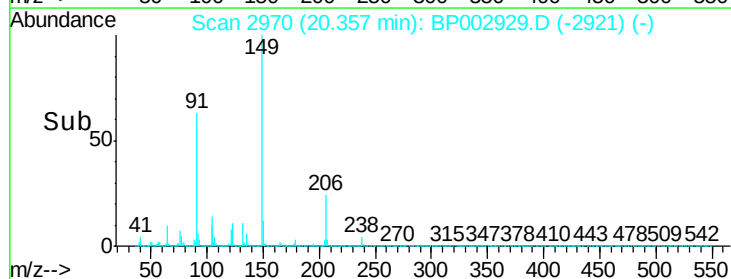
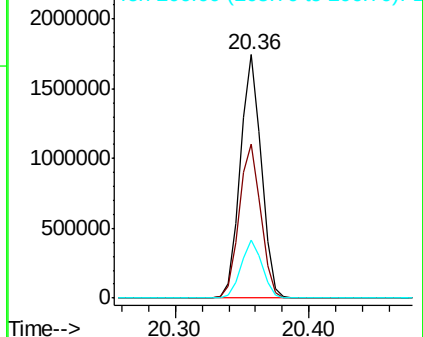
206 24.0 17.5 26.3

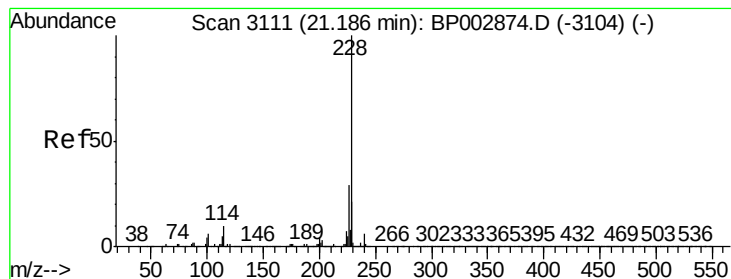


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.614 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

Tot Ion:228 Resp: 4509077

Ion Ratio Lower Upper

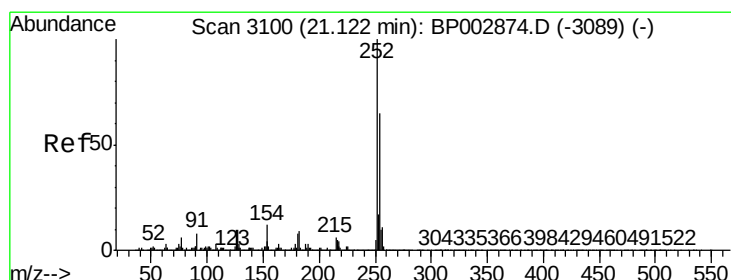
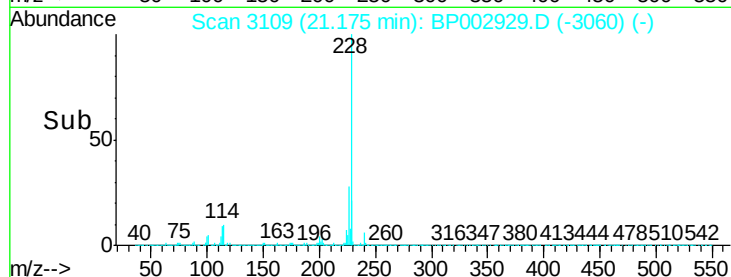
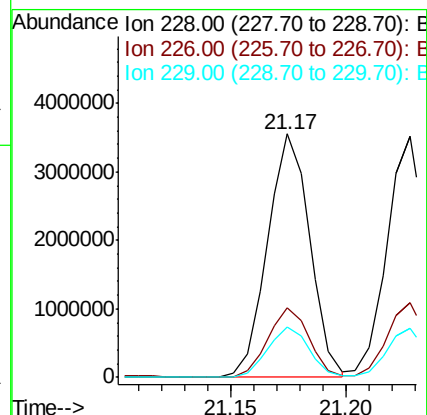
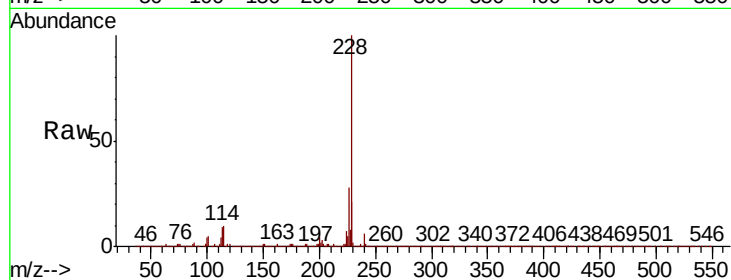
228 100

226 28.4 23.3 34.9

229 20.6 16.9 25.3

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#82

3,3'-Dichlorobenzidine

Concen: 35.340 ng

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

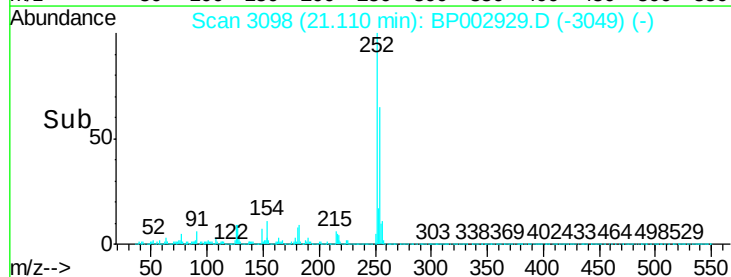
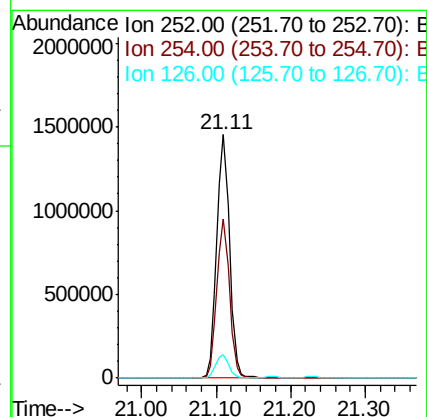
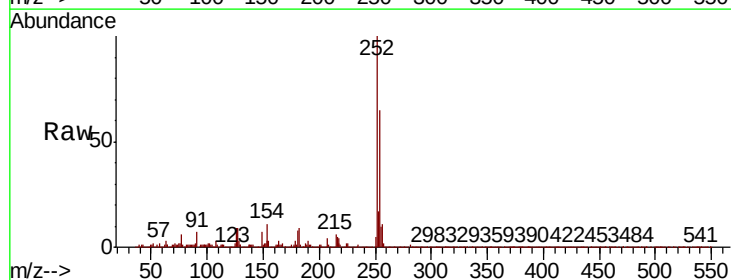
Tgt Ion:252 Resp: 1722592

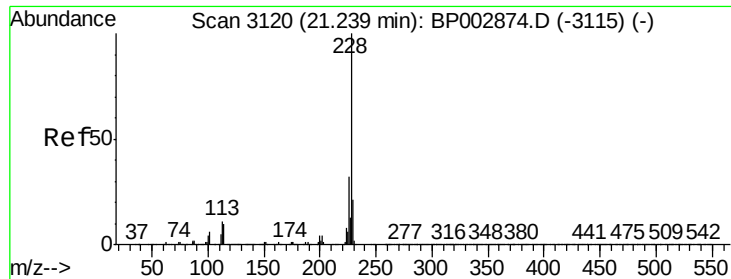
Ion Ratio Lower Upper

252 100

254 65.2 52.0 78.0

126 9.4 7.9 11.9





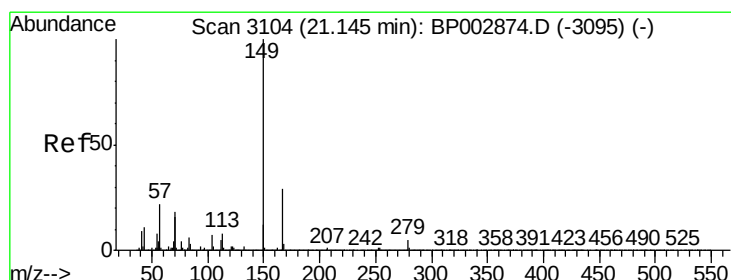
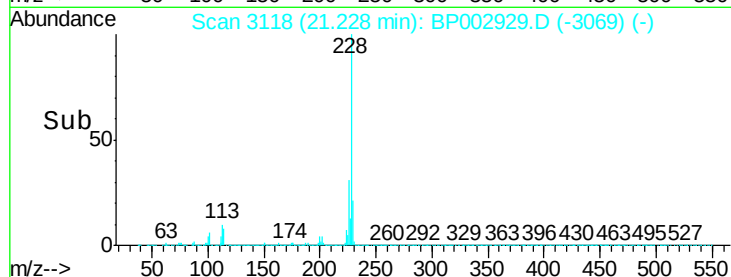
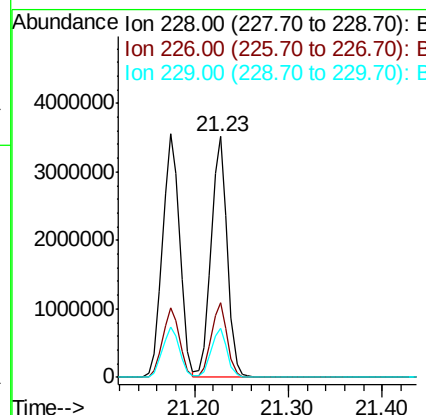
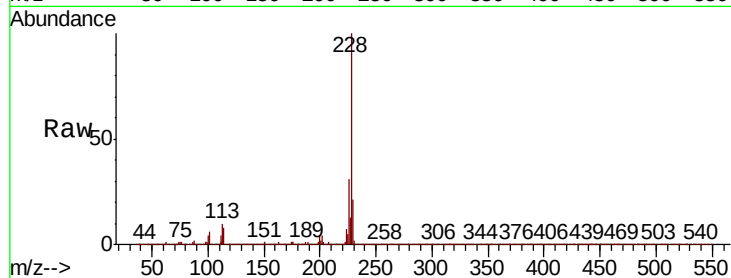
#83
Chrysene
Concen: 36.468 ng
RT: 21.23 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	20.5	16.7	25.1

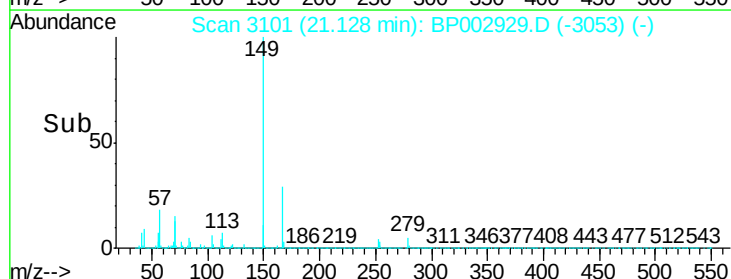
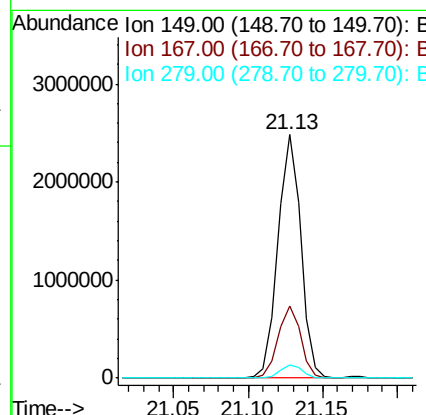
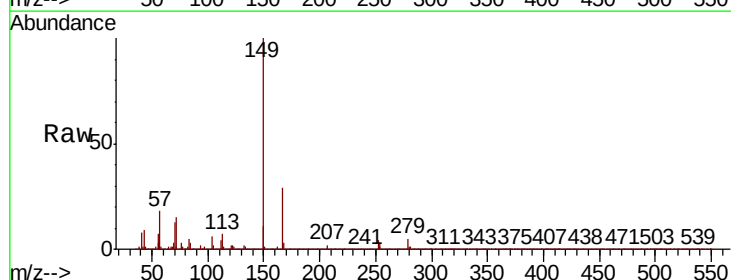
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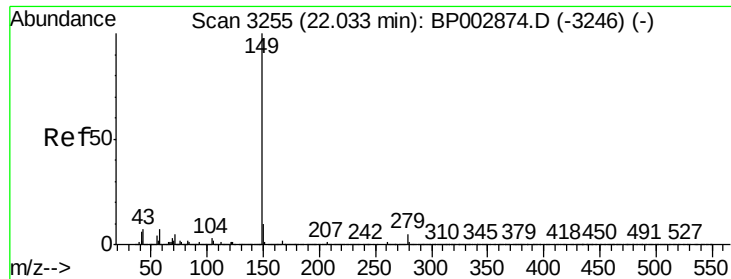
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.994 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.4	35.2
279	5.4	4.0	6.0





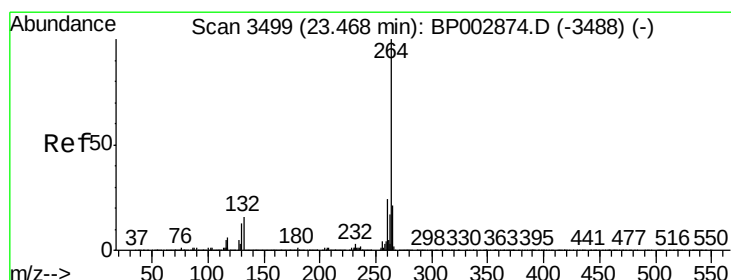
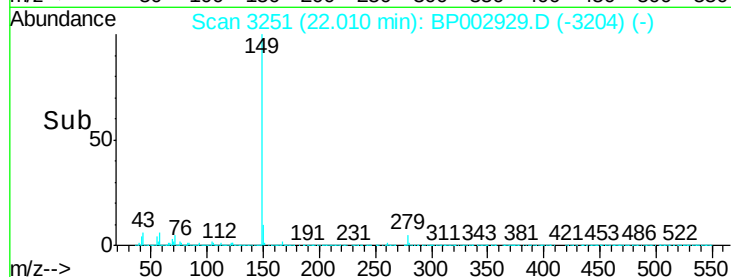
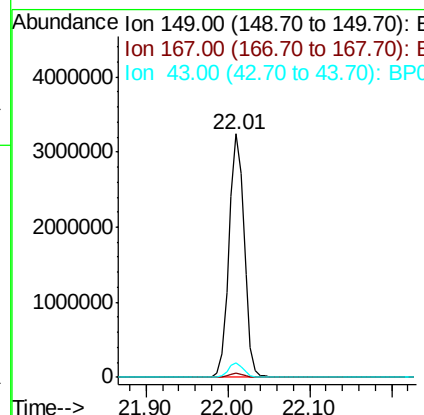
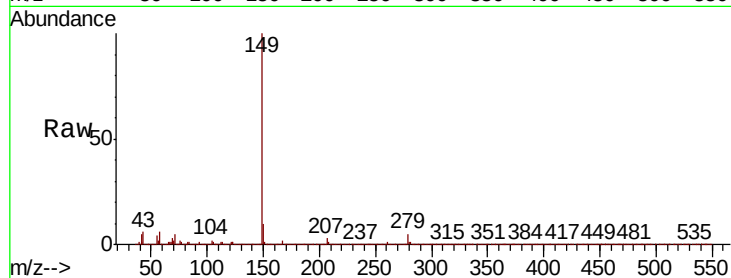
#85
Di-n-octyl phthalate
Concen: 36.246 ng
RT: 22.01 min Scan# 3251
Delta R.T. -0.02 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	5.7	5.8	8.8#

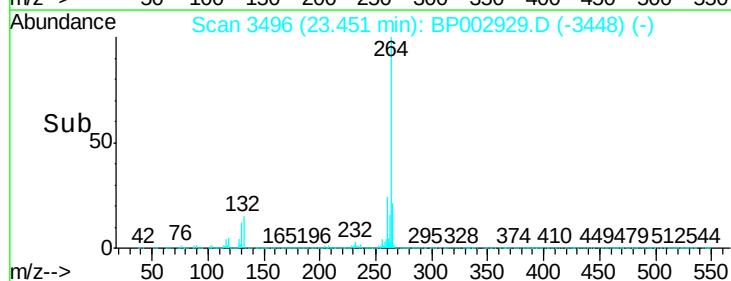
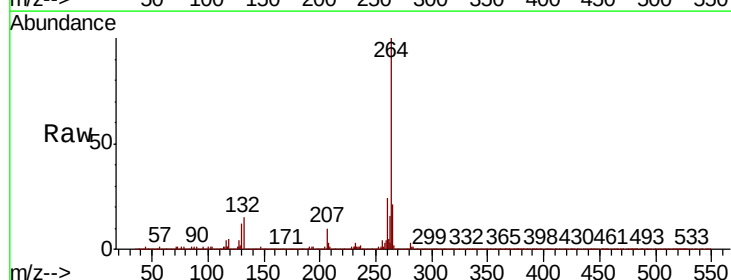
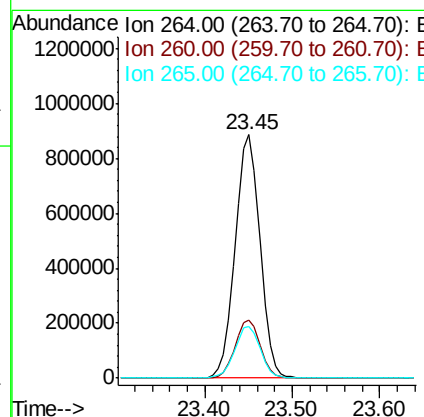
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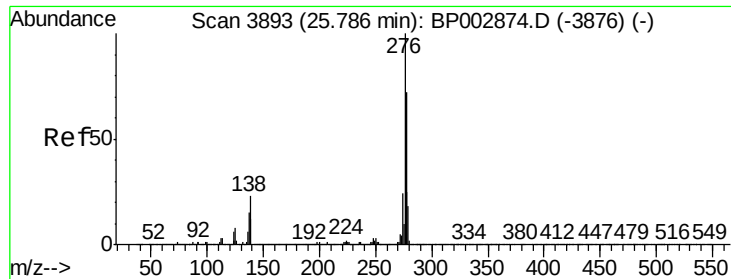
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3496
Delta R.T. -0.02 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	21.3	17.0	25.4





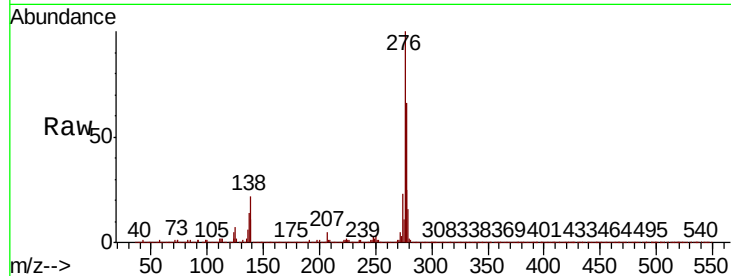
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.666 ng
 RT: 25.76 min Scan# 3888
 Delta R.T. -0.03 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.3	28.9
277	25.4	20.4	30.6

Manual Integrations
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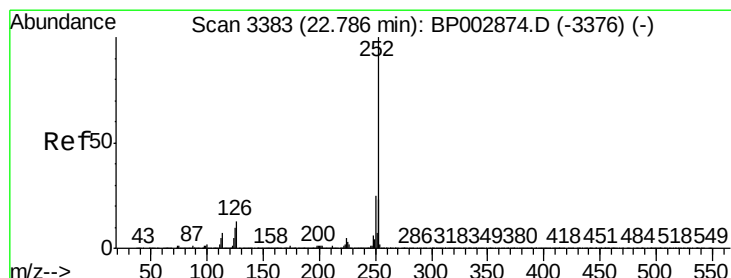
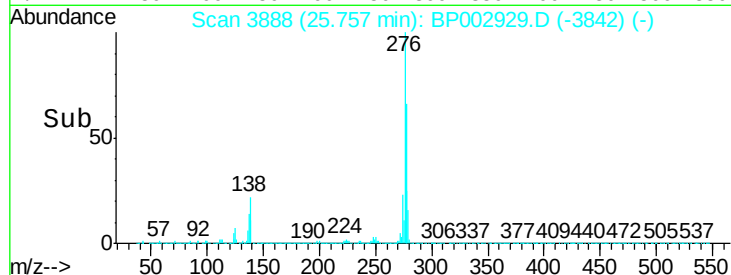
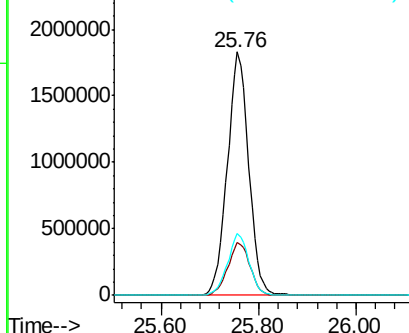


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 35.836 ng
 RT: 22.77 min Scan# 3380
 Delta R.T. -0.02 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

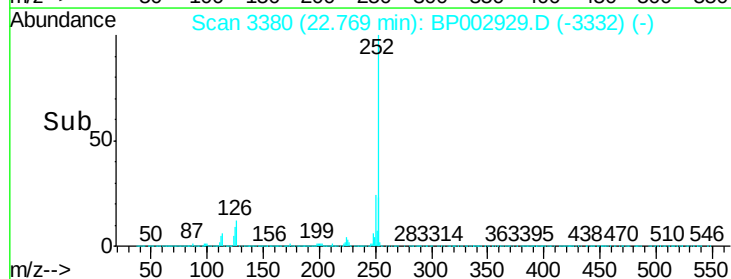
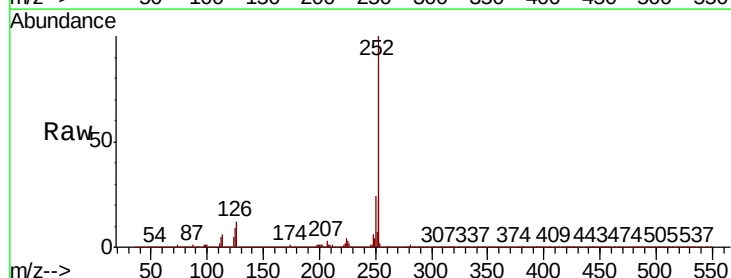
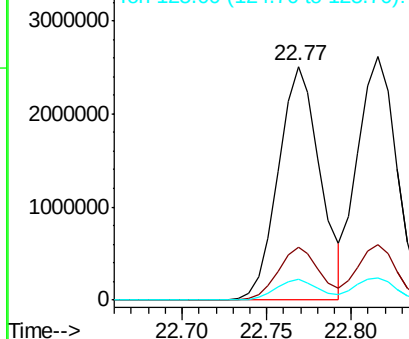
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	9.0	7.8	11.8

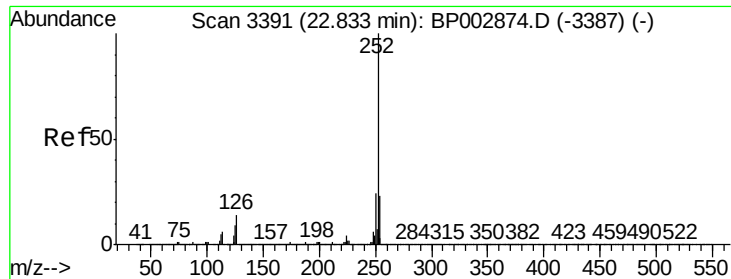
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





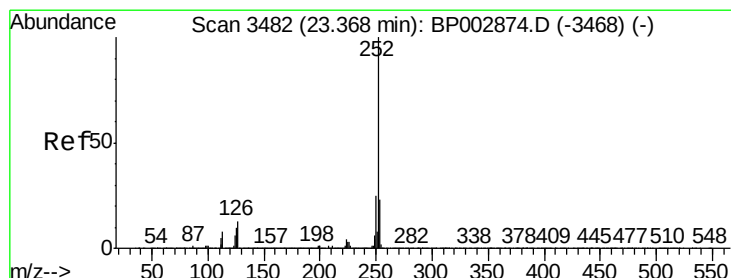
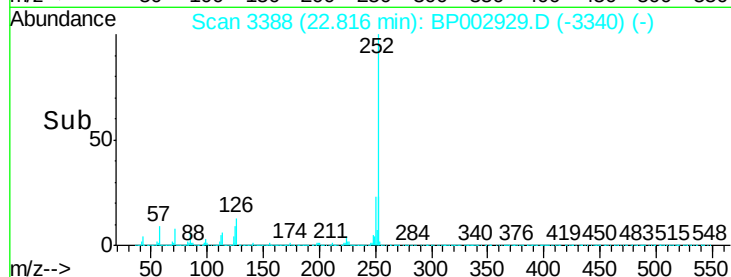
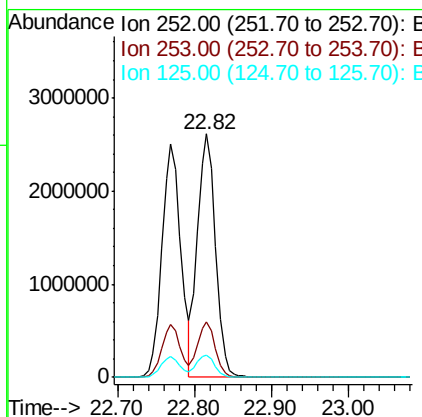
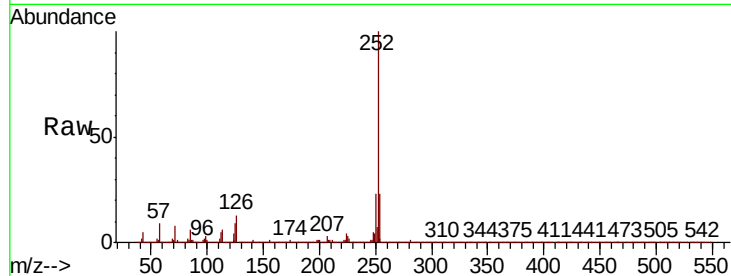
#89
Benzo(k)fluoranthene
Concen: 37.384 ng
RT: 22.82 min Scan# 3388
Delta R.T. -0.02 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.2	7.5	11.3

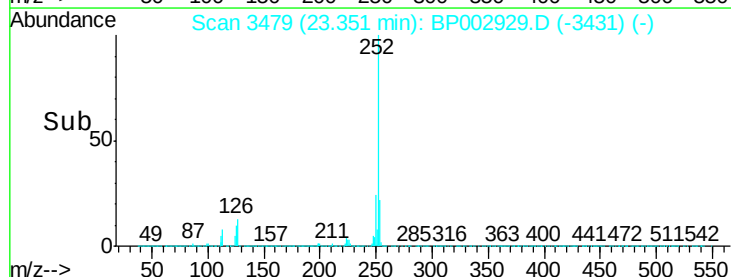
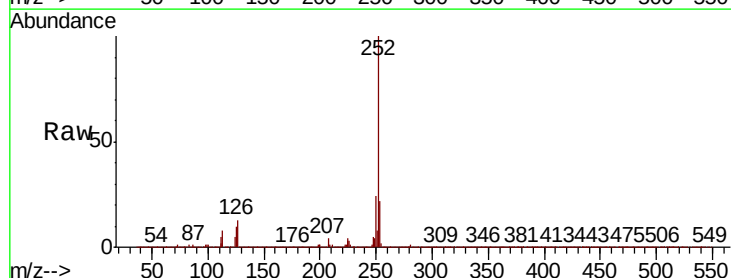
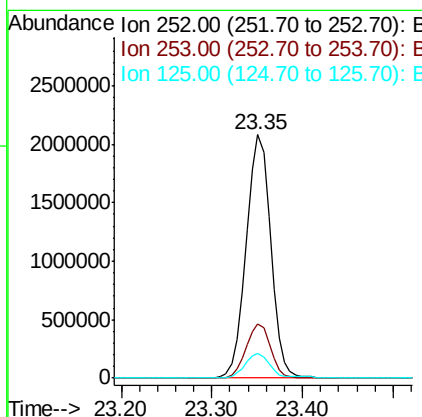
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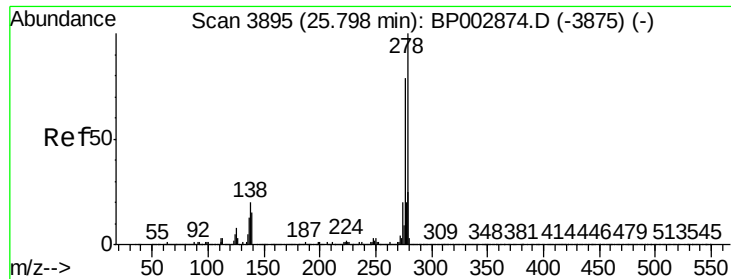
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#90
Benzo(a)pyrene
Concen: 36.025 ng
RT: 23.35 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.1	8.3	12.5





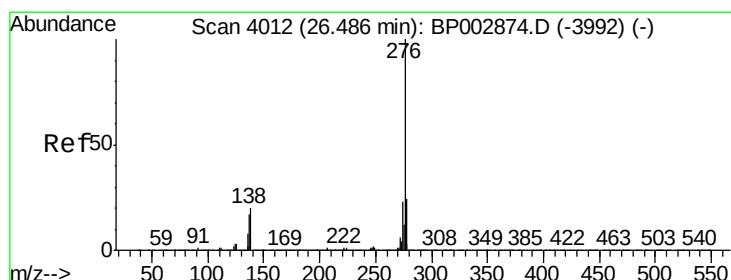
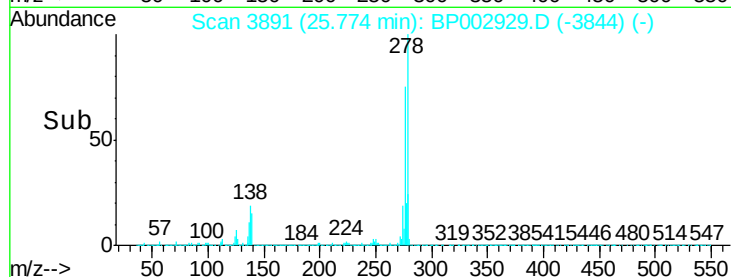
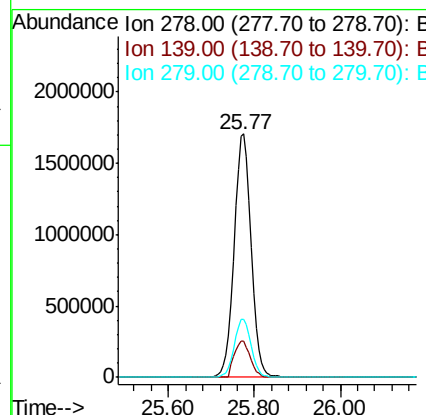
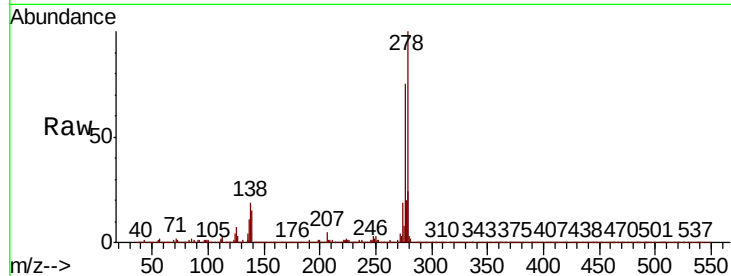
#91
Dibenzo(a,h)anthracene
Concen: 39.852 ng
RT: 25.77 min Scan# 3891
Delta R.T. -0.02 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.4	18.6
279	24.0	19.7	29.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 41.975 ng
RT: 26.46 min Scan# 4007
Delta R.T. -0.03 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	19.5	16.2	24.2

