

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081820\
 Data File : BP003019.D
 Acq On : 18 Aug 2020 16:15
 Operator : CG/JU
 Sample : L3712-09MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Manual Integrations
 APPROVED

mohammad
 8/19/2020 2:25:06 PM

Quant Time: Aug 18 19:15:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	373827	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	1488434	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	873106	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	1504562	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1514236	20.00	ng	0.00
86) Perylene-d12	23.43	264	1750785	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1764681	72.25	ng	0.00
7) Phenol-d6	6.87	99	2089335	61.61	ng	0.00
23) Nitrobenzene-d5	8.83	82	1177272	42.84	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	762680	70.28	ng	0.00
45) 2-Fluorobiphenyl	12.95	172	3211151	50.25	ng	0.00
79) Terphenyl-d14	19.66	244	3598301	47.57	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	276802	26.400	ng	99
3) Pyridine	3.61	79	670490	22.953	ng	100
4) n-Nitrosodimethylamine	3.53	42	233889	27.257	ng	98
6) Aniline	7.01	93	1167966	29.687	ng	99
8) 2-Chlorophenol	7.25	128	1098381	42.176	ng	100
9) Benzaldehyde	6.82	77	503176	27.869	ng	99
10) Phenol	6.89	94	1203747	35.246	ng	99
11) bis(2-Chloroethyl)ether	7.11	93	880719	33.527	ng	98
12) 1,3-Dichlorobenzene	7.57	146	1182185	40.219	ng	100
13) 1,4-Dichlorobenzene	7.72	146	1200537	40.407	ng	99
14) 1,2-Dichlorobenzene	8.03	146	1156471	40.816	ng	100
15) Benzyl Alcohol	7.92	79	697409	31.169	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	713829	28.924	ng	99
17) 2-Methylphenol	8.13	107	820771	37.608	ng	99
18) Hexachloroethane	8.76	117	400577	38.655	ng	96
19) n-Nitroso-di-n-propylamine	8.49	70	535891	27.426	ng	98
20) 3+4-Methylphenols	8.46	107	1091357	37.104	ng	99
22) Acetophenone	8.50	105	1359871	32.382	ng	# 97
24) Nitrobenzene	8.87	77	860350	28.837	ng	97
25) Isophorone	9.40	82	1663225	28.172	ng	100
26) 2-Nitrophenol	9.58	139	560729	45.307	ng	97
27) 2,4-Dimethylphenol	9.66	122	953965	40.575	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1129146	34.281	ng	99
29) 2,4-Dichlorophenol	10.12	162	1003383	40.550	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	1072487	37.077	ng	99
31) Naphthalene	10.52	128	3189130	37.429	ng	99
32) Benzoic acid	9.80	122	637938	46.434	ng	96
33) 4-Chloroaniline	10.62	127	987711	27.972	ng	99
34) Hexachlorobutadiene	10.82	225	610097	34.466	ng	99
35) Caprolactam	11.39	113	313547m	40.953	ng	
36) 4-Chloro-3-methylphenol	11.76	107	931478	36.213	ng	99
37) 2-Methylnaphthalene	12.13	142	2311037	38.131	ng	100
38) 1-Methylnaphthalene	12.36	142	2174348	38.111	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	1092167	34.792	ng	100

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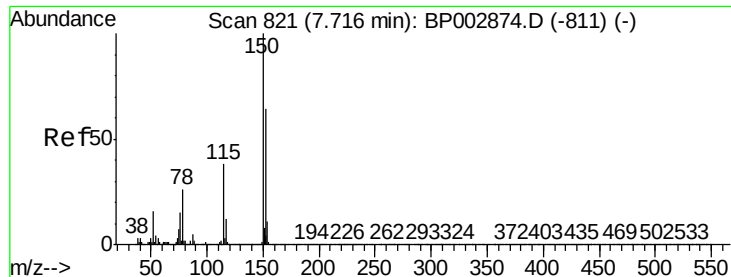
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
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 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.50	237	1099341	67.507	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	750122	41.230	ng	98
44) 2,4,5-Trichlorophenol	12.82	196	828965	41.534	ng	99
46) 1,1'-Biphenyl	13.16	154	2842609	39.383	ng	100
47) 2-Chloronaphthalene	13.20	162	2170161	38.396	ng	98
48) 2-Nitroaniline	13.39	65	431059	32.018	ng	93
49) Acenaphthylene	14.05	152	3627123	40.920	ng	100
50) Dimethylphthalate	13.79	163	2953593	43.252	ng	100
51) 2,6-Dinitrotoluene	13.90	165	607158	39.959	ng	97
52) Acenaphthene	14.39	154	2011549	35.308	ng	100
53) 3-Nitroaniline	14.22	138	455747	29.547	ng	97
54) 2,4-Dinitrophenol	14.43	184	362673	58.349	ng	98
55) Dibenzofuran	14.73	168	2786746	31.890	ng	99
56) 4-Nitrophenol	14.55	139	978608	80.815	ng	96
57) 2,4-Dinitrotoluene	14.69	165	713301	36.178	ng	99
58) Fluorene	15.38	166	2107610	30.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	616798	37.038	ng	100
60) Diethylphthalate	15.17	149	2351086	35.234	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	1041884	29.588	ng	98
62) 4-Nitroaniline	15.39	138	473431	30.789	ng	96
63) Azobenzene	15.67	77	1646817	24.515	ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	251130	34.330	ng	96
66) n-Nitrosodiphenylamine	15.59	169	1964987	39.434	ng	100
67) 4-Bromophenyl-phenylether	16.27	248	693537	37.889	ng	98
68) Hexachlorobenzene	16.40	284	794028	37.504	ng	97
69) Atrazine	16.56	200	623232	36.917	ng	99
70) Pentachlorophenol	16.74	266	1023642	93.237	ng	99
71) Phenanthrene	17.13	178	3656177	41.441	ng	99
72) Anthracene	17.22	178	3541589	41.071	ng	100
73) Carbazole	17.49	167	3271905	38.854	ng	99
74) Di-n-butylphthalate	18.06	149	4076214	46.015	ng	100
75) Fluoranthene	19.10	202	4527260	44.537	ng	98
77) Benzidine	19.28	184	3187206	69.025	ng	99
78) Pyrene	19.45	202	4568414	43.157	ng	100
80) Butylbenzylphthalate	20.34	149	2019652	47.034	ng	99
81) Benzo(a)anthracene	21.16	228	4327852	41.960	ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	1617829	39.629	ng	99
83) Chrysene	21.22	228	4029346	41.414	ng	100
84) Bis(2-ethylhexyl)phthalate	21.11	149	2893381	49.388	ng	99
85) Di-n-octyl phthalate	21.99	149	5366000	55.756	ng	100
87) Indeno(1,2,3-cd)pyrene	25.73	276	5253788	37.470	ng	98
88) Benzo(b)fluoranthene	22.75	252	5199232	42.082	ng	99
89) Benzo(k)fluoranthene	22.80	252	4586354	39.275	ng	99
90) Benzo(a)pyrene	23.33	252	4540000	40.668	ng	100
91) Dibenzo(a,h)anthracene	25.74	278	4209322	35.273	ng	98
92) Benzo(g,h,i)perylene	26.43	276	4560821	39.522	ng	99

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



#1

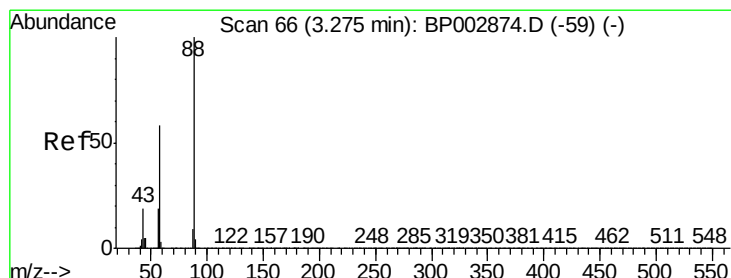
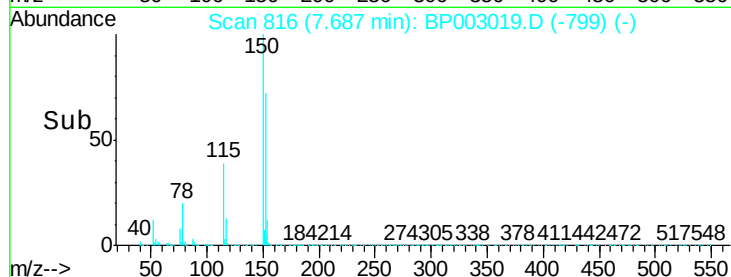
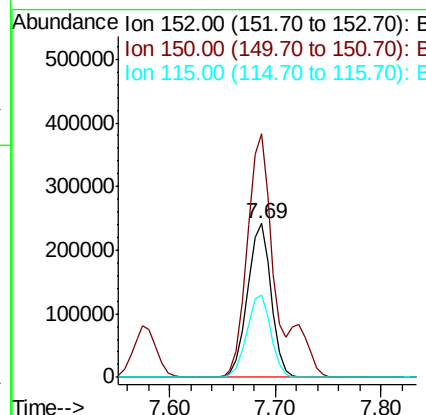
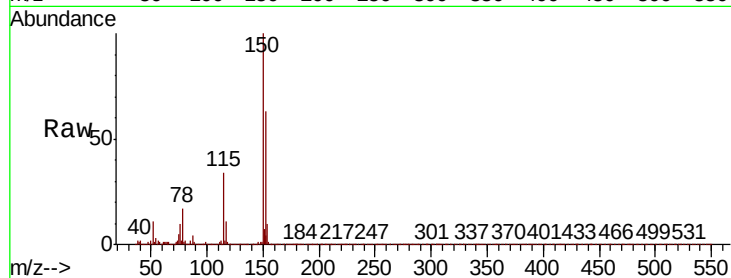
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 816
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	126.1	189.1
115	53.4	43.4	65.2

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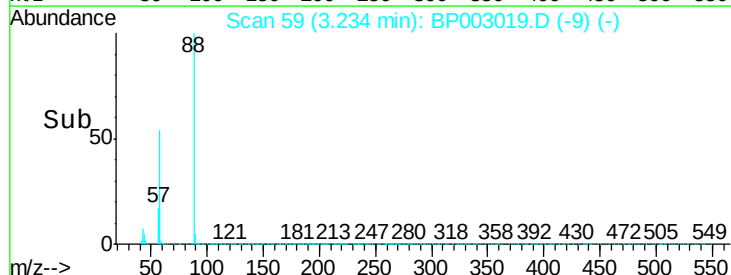
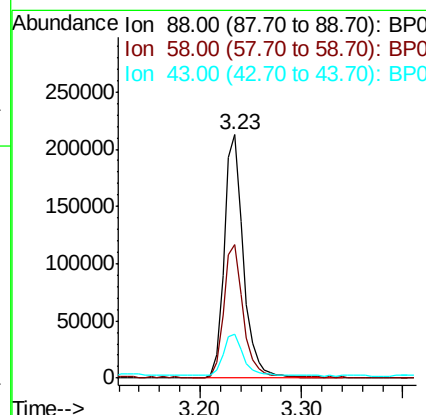
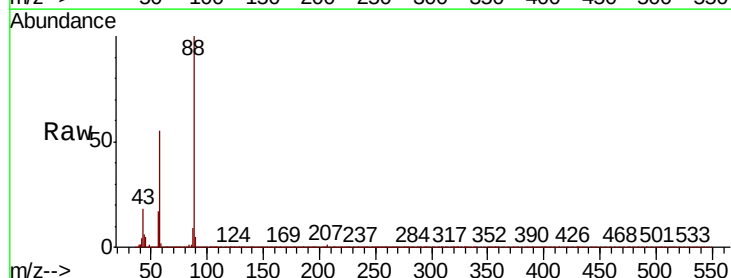
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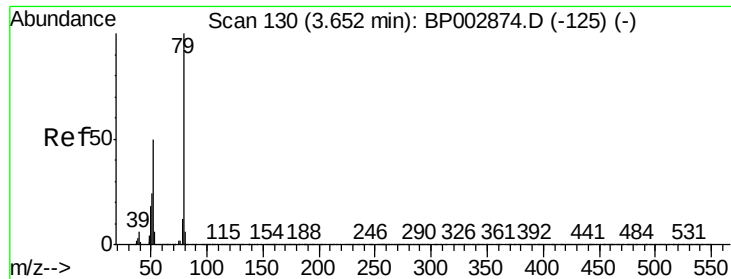


#2

1,4-Dioxane
Concen: 26.400 ng
RT: 3.23 min Scan# 59
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.9	44.5	66.7
43	18.3	14.5	21.7





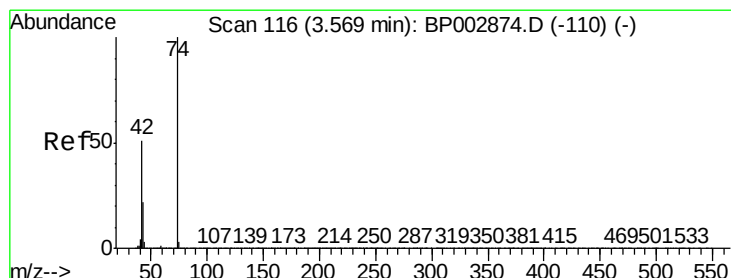
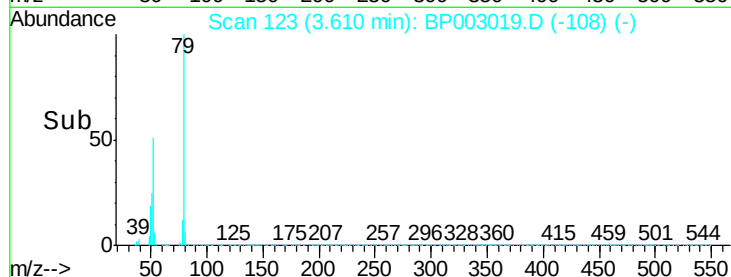
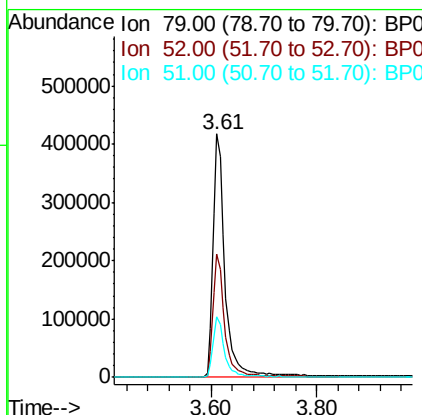
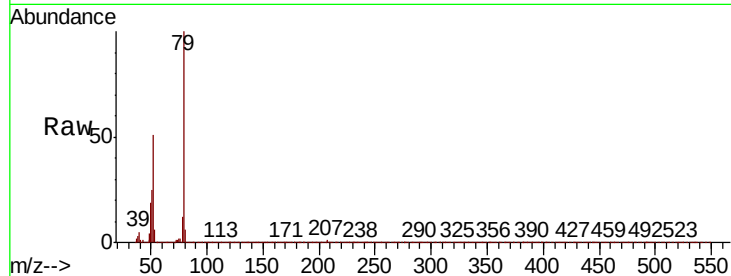
#3
 Pvridine
 Concen: 22.953 ng
 RT: 3.61 min Scan# 123
 Delta R.T. -0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	670490		
52	52	50.6		40.5	60.7
51	51	24.7		19.9	29.9

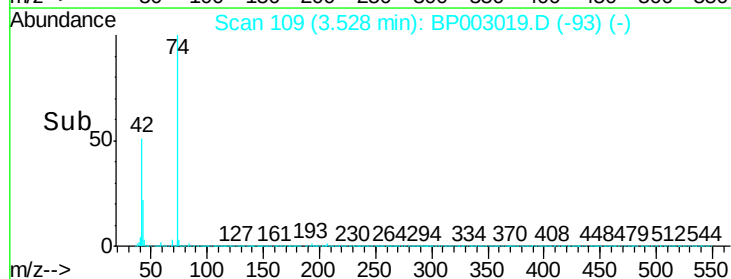
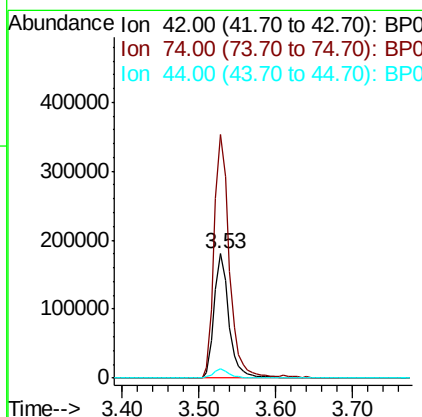
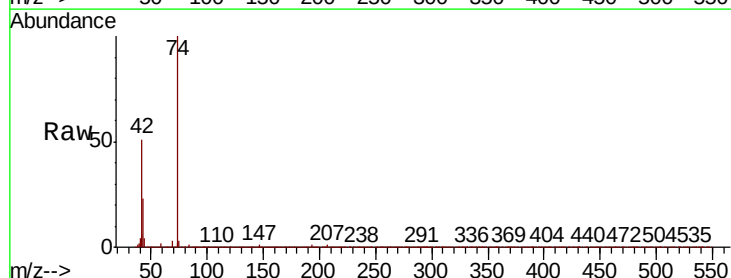
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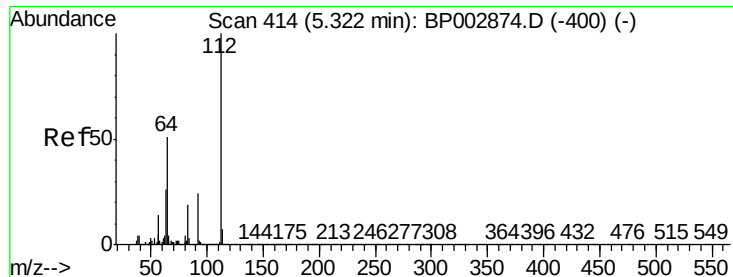
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#4
 n-Nitrosodimethylamine
 Concen: 27.257 ng
 RT: 3.53 min Scan# 109
 Delta R.T. -0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	233889		
74	74	195.9		158.6	238.0
44	44	7.1		5.8	8.8





#5

2-Fluorophenol

Concen: 72.248 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

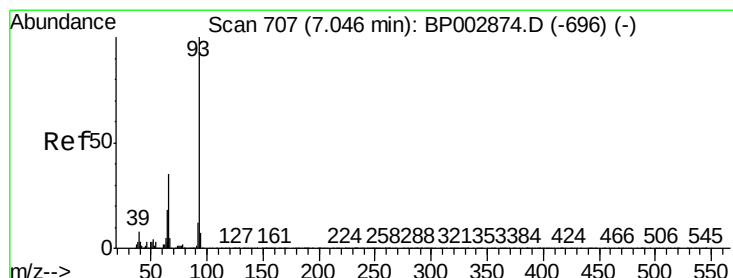
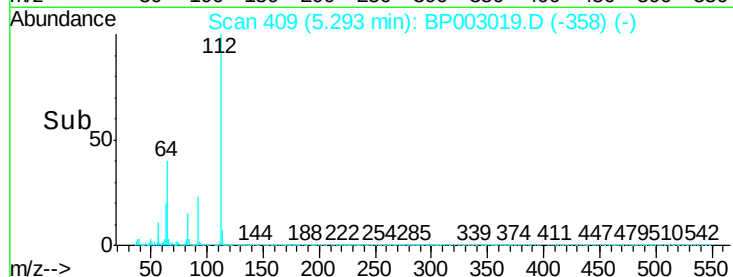
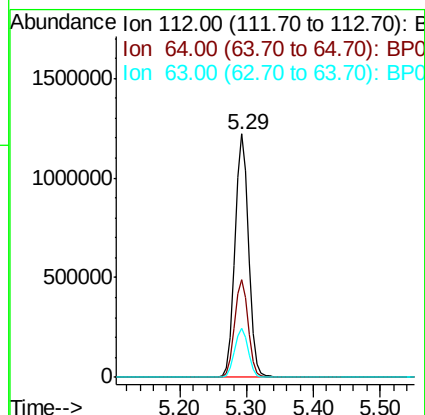
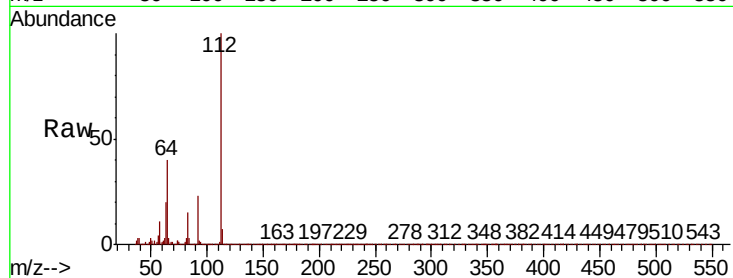
ClientSampleId :

V-23615MSD

Tot Ion:	112	Resp:	1764681
Ion Ratio	Lower	Upper	
112	100		
64	40.3	33.4	50.2
63	20.2	17.4	26.0

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#6

Aniline

Concen: 29.687 ng

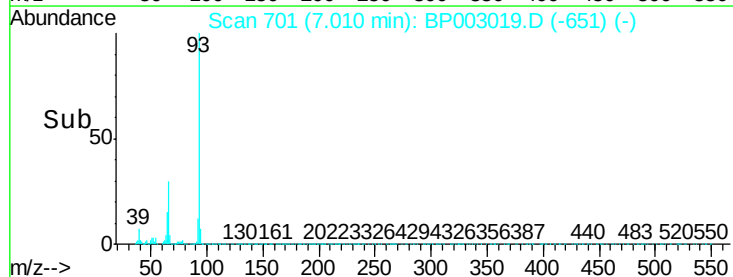
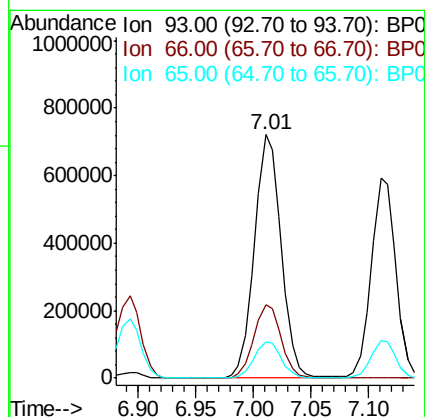
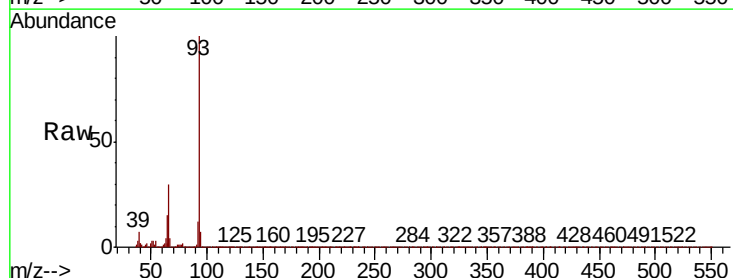
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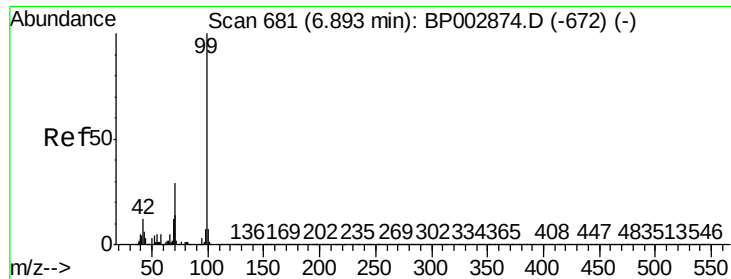
Delta R.T. -0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:	93	Resp:	1167966
Ion Ratio	Lower	Upper	
93	100		
66	30.2	24.8	37.2
65	14.7	12.2	18.4





#7

Phenol-d6

Concen: 61.612 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

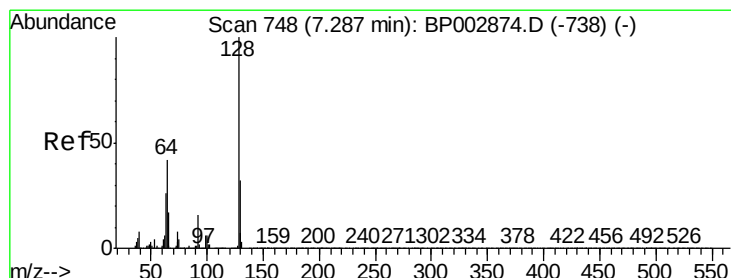
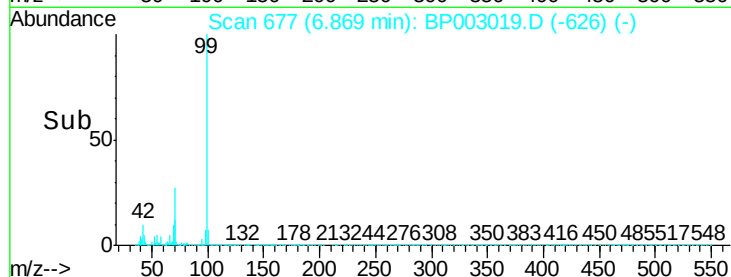
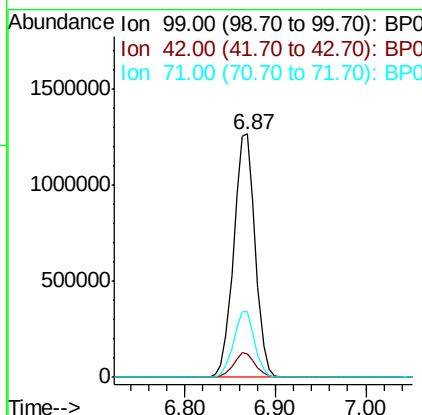
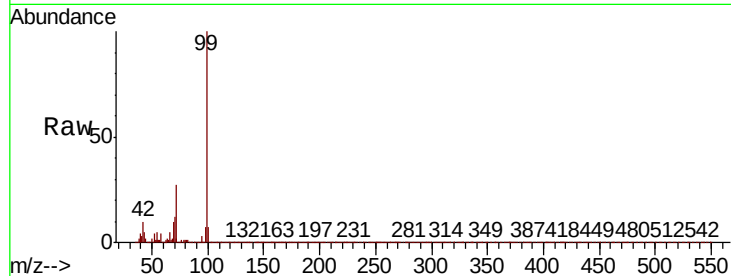
ClientSampleId :

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Tot Ion:	99	Resp:	2089335
Ion	Ratio	Lower	Upper
99	100		
42	9.8	8.0	12.0
71	27.0	21.3	31.9

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#8

2-Chlorophenol

Concen: 42.176 ng

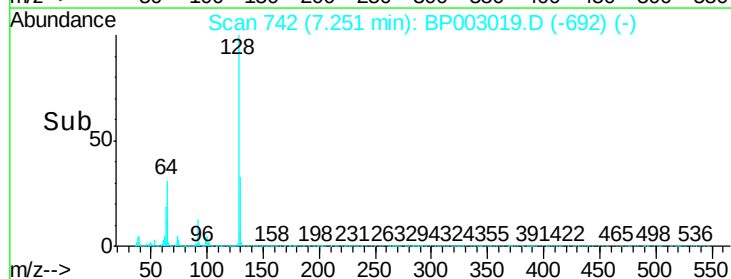
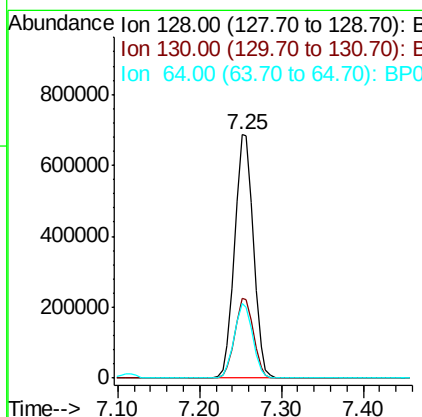
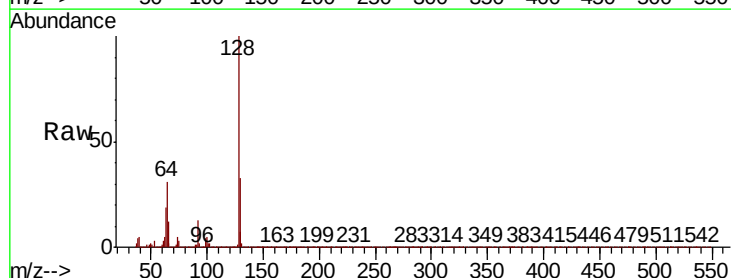
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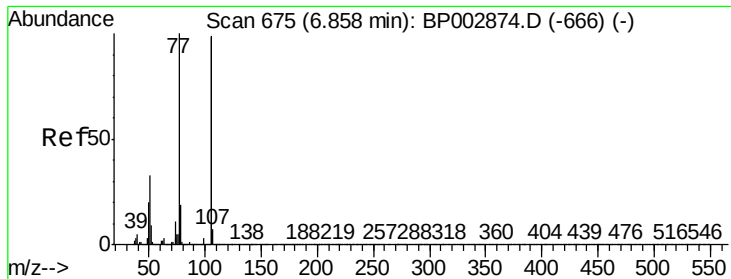
Delta R.T. -0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:	128	Resp:	1098381
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	30.7	10.7	50.7





#9

Benzaldehyde

Concen: 27.869 ng

RT: 6.82 min Scan# 669

Delta R.T. -0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

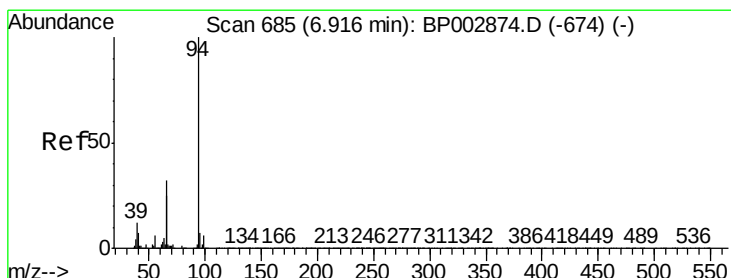
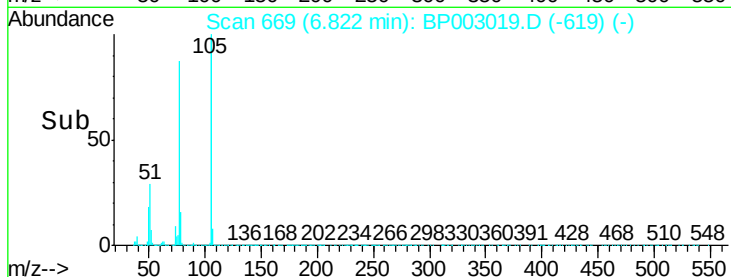
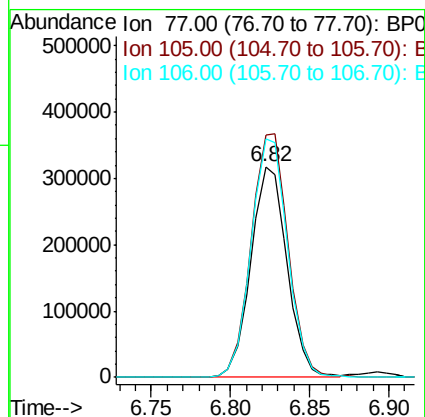
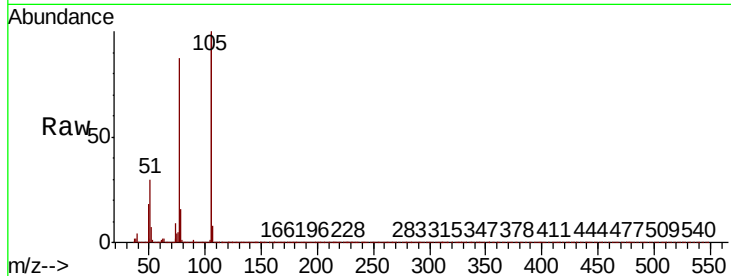
ClientSampleId :

V-23615MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	114.9	97.5	137.5		
106	113.4	93.1	133.1		

Manual Integrations
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#10

Phenol

Concen: 35.246 ng

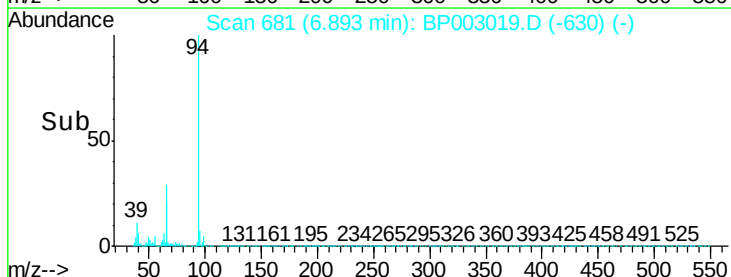
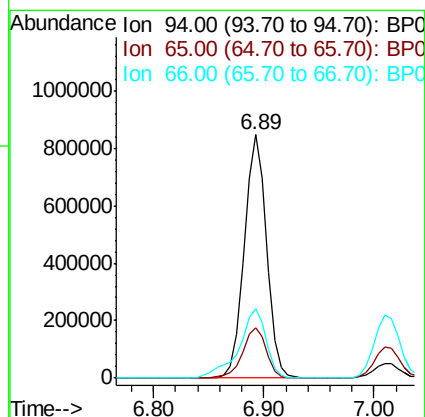
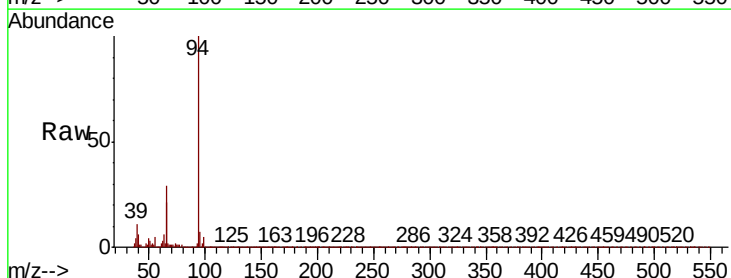
RT: 6.89 min Scan# 681

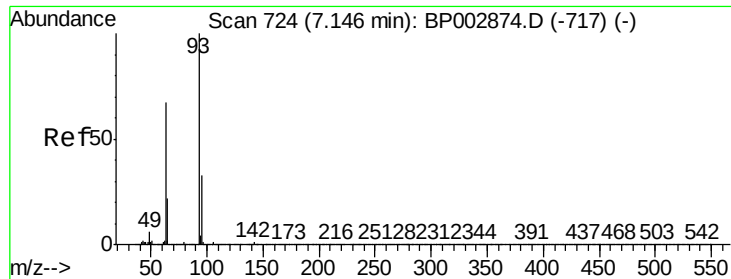
Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	20.9	1.7	41.7		
66	28.6	8.6	48.6		





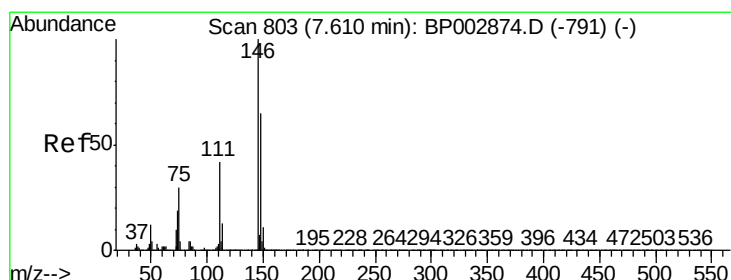
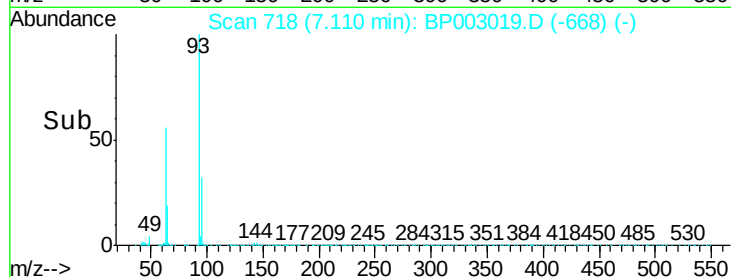
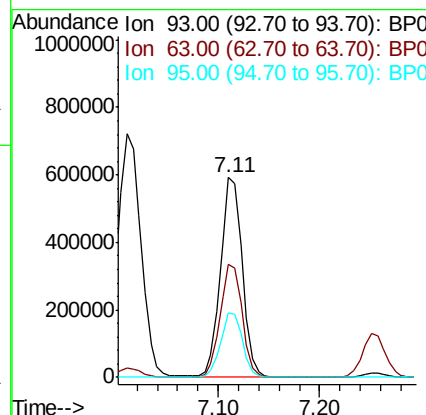
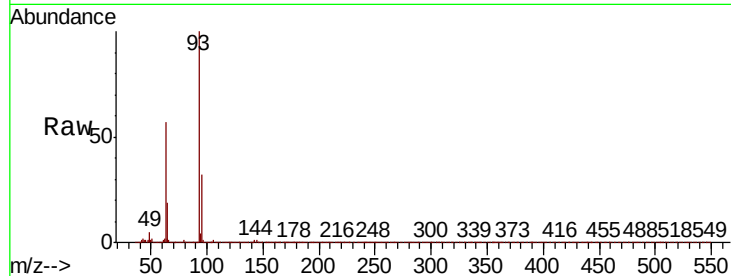
#11
bis(2-Chloroethyl)ether
Concen: 33.527 ng
RT: 7.11 min Scan# 718
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion:	93	Resp:	880719
Ion Ratio	Lower	Upper	
93	100		
63	56.7	38.4	78.4
95	32.2	13.1	53.1

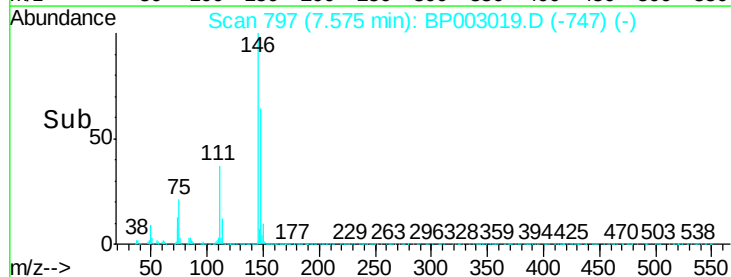
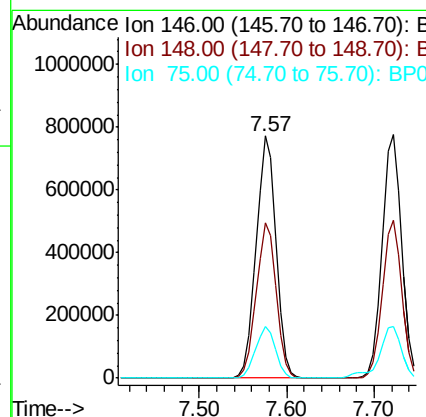
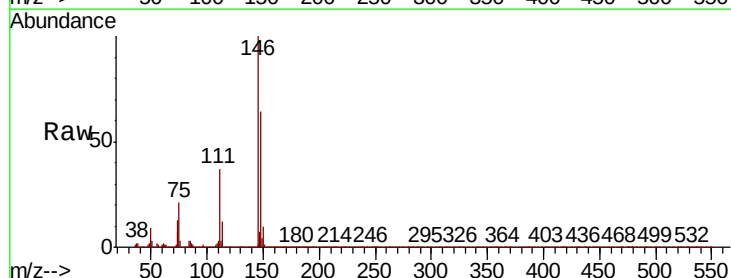
Manual Integrations
APPROVED

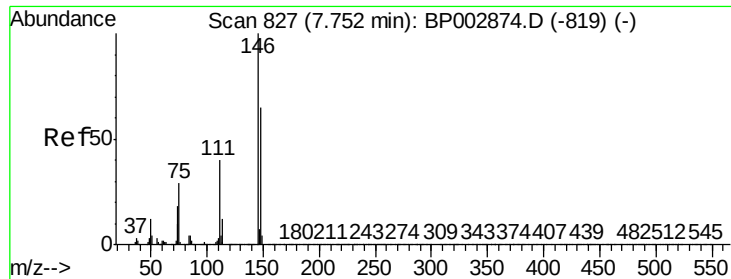
mohammad
8/19/2020 2:25:06 PM



#12
1,3-Dichlorobenzene
Concen: 40.219 ng
RT: 7.57 min Scan# 797
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion:	146	Resp:	1182185
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.0
75	21.2	17.4	26.0





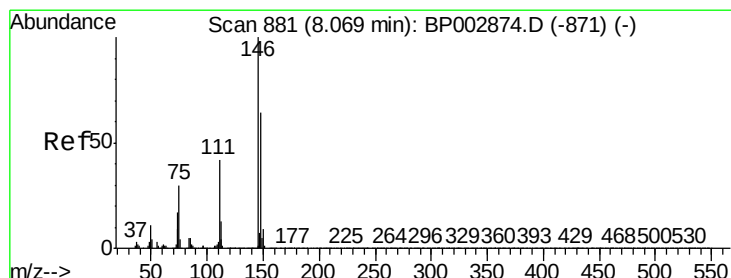
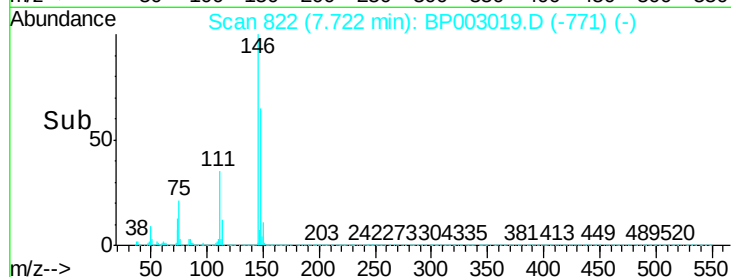
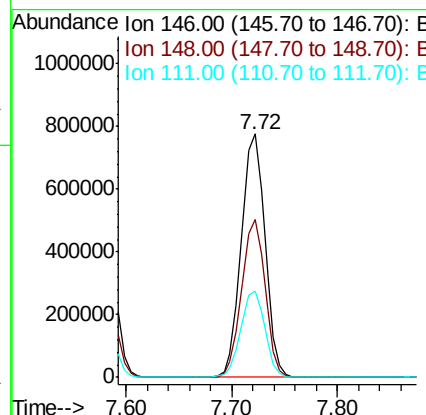
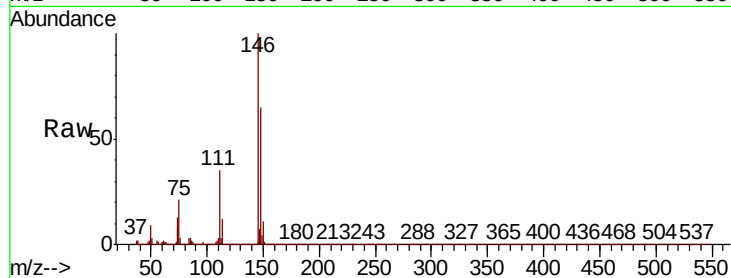
#13
1,4-Dichlorobenzene
Concen: 40.407 ng
RT: 7.72 min Scan# 822
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	35.4	29.0	43.4

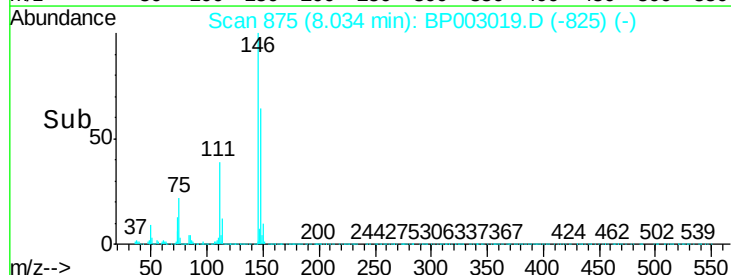
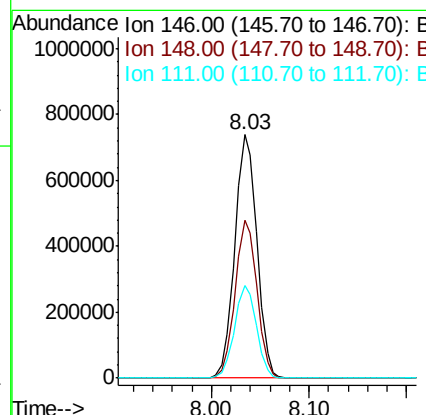
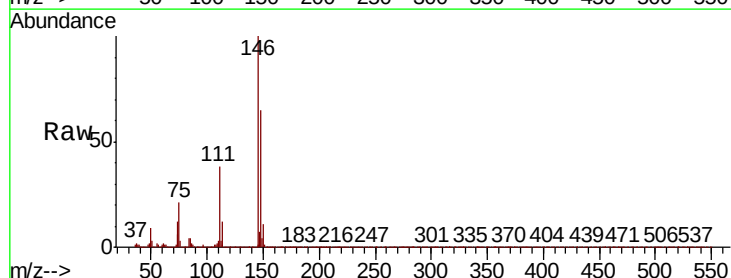
Manual Integrations
APPROVED

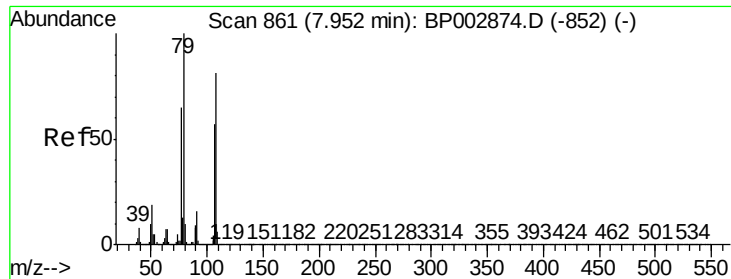
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.816 ng
RT: 8.03 min Scan# 875
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.5	77.3
111	38.2	30.5	45.7





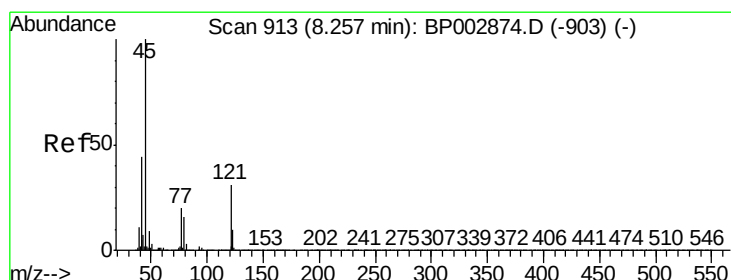
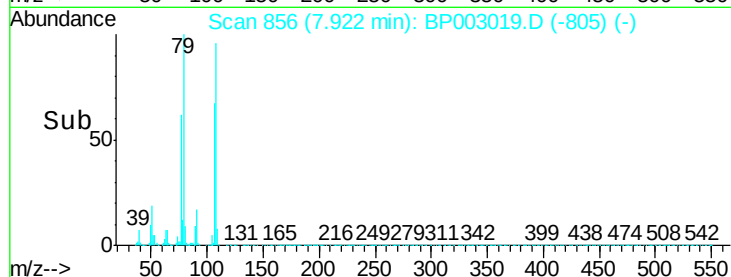
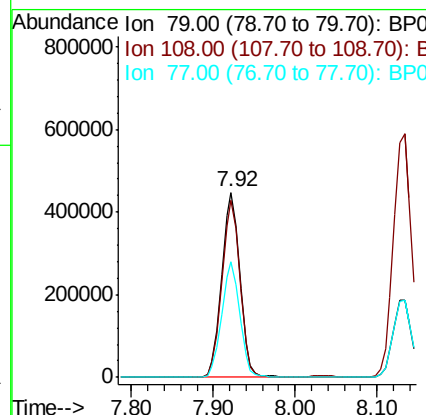
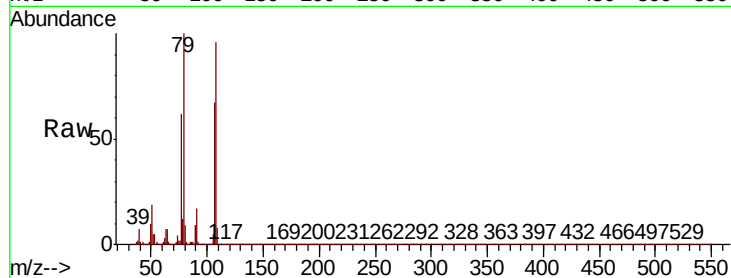
#15
Benzyl Alcohol
Concen: 31.169 ng
RT: 7.92 min Scan# 856
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	96.0	75.7	113.5
77	62.2	49.8	74.6

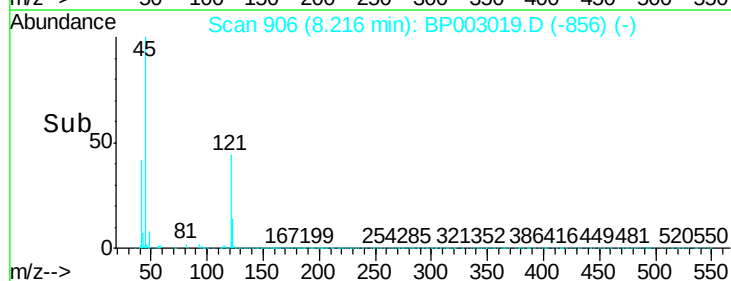
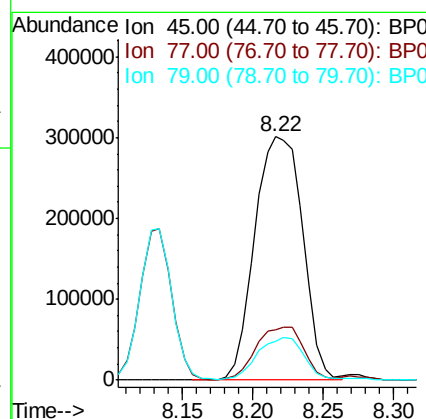
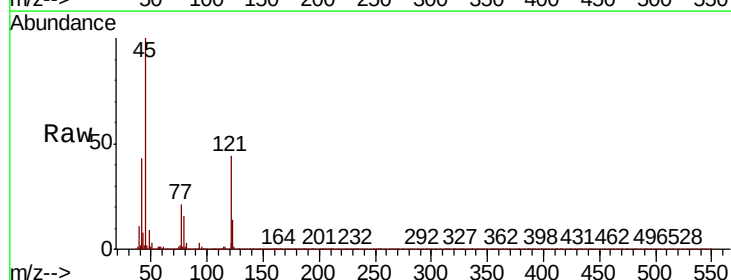
Manual Integrations
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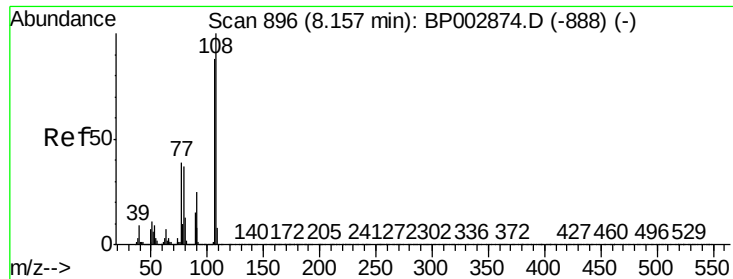
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.924 ng
RT: 8.22 min Scan# 906
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.8	1.2	41.2
79	16.2	0.0	37.0





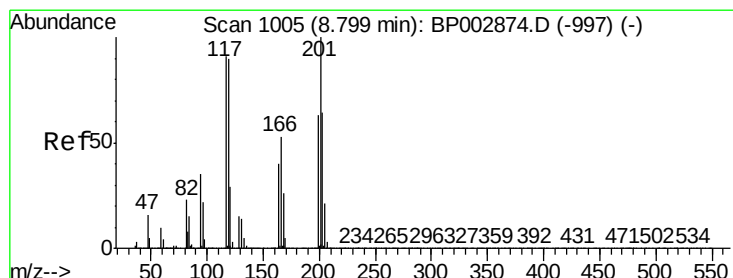
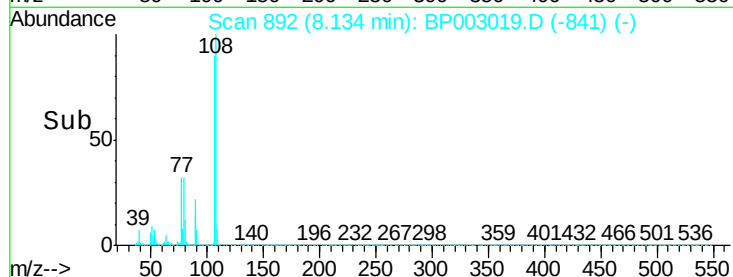
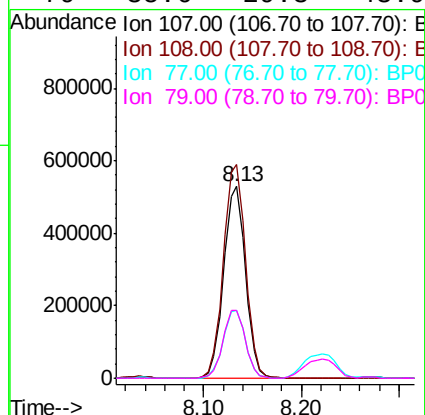
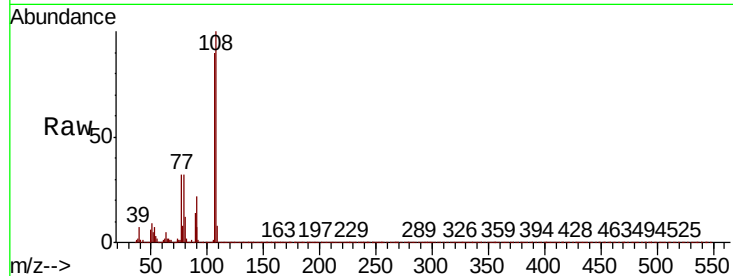
#17
2-Methylphenol
Concen: 37.608 ng
RT: 8.13 min Scan# 892
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.6	90.0	135.0	
77	35.6	29.3	43.9	
79	35.6	29.3	43.9	

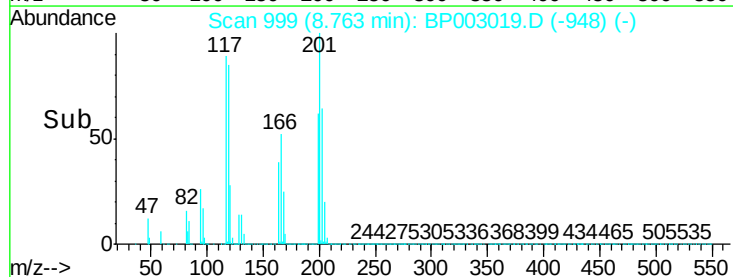
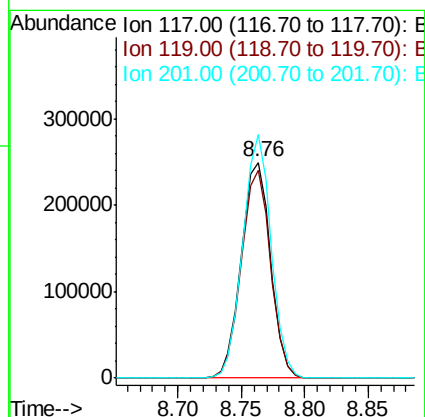
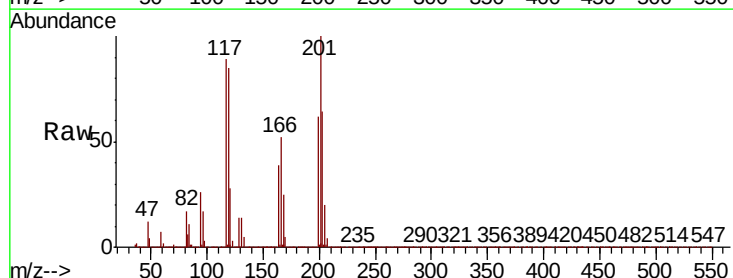
Manual Integrations
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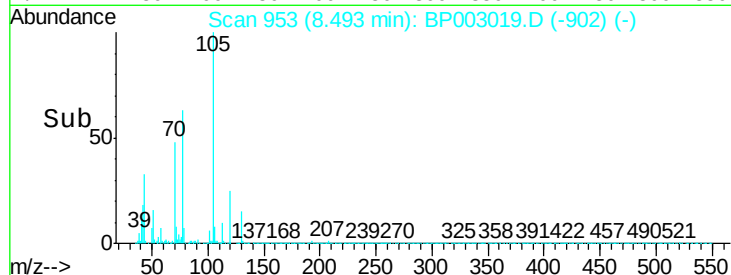
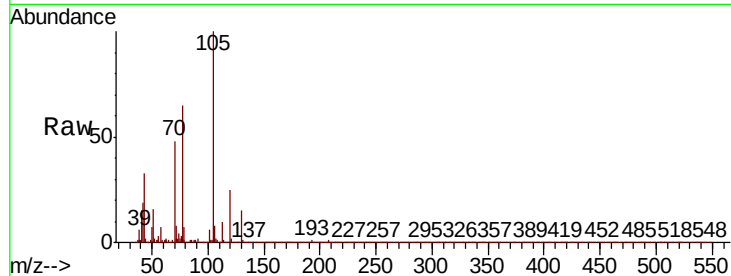
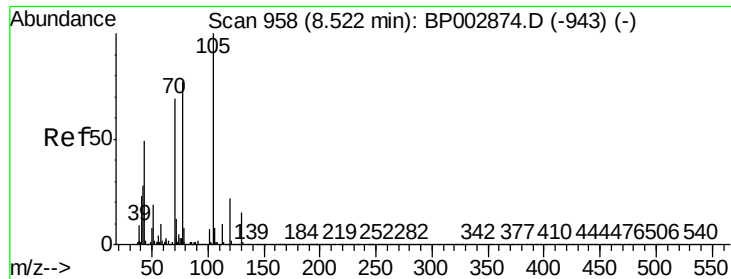
mohammad
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#18
Hexachloroethane
Concen: 38.655 ng
RT: 8.76 min Scan# 999
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.3	77.1	115.7	
201	112.9	84.3	126.5	





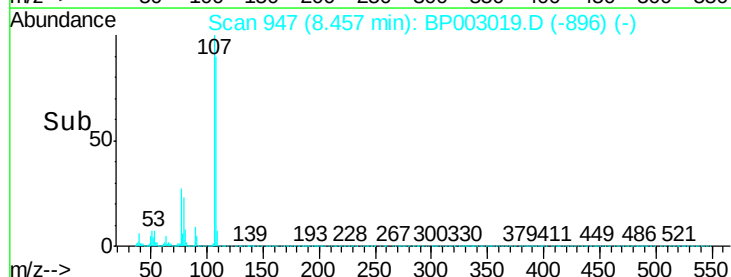
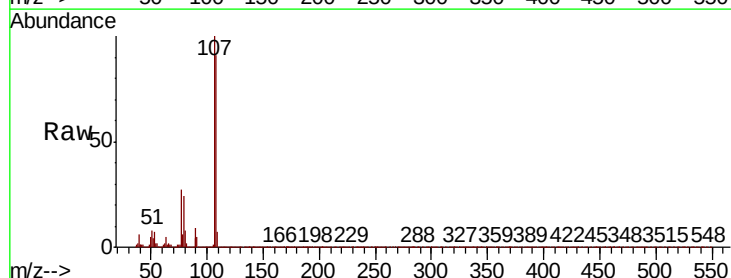
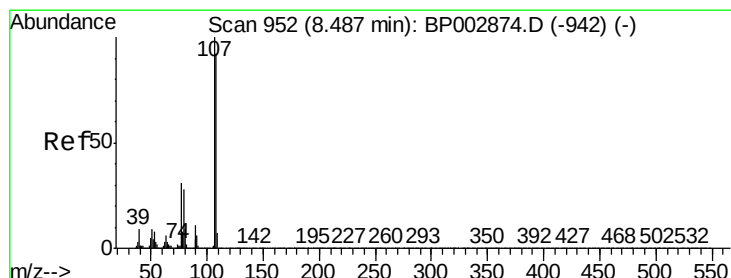
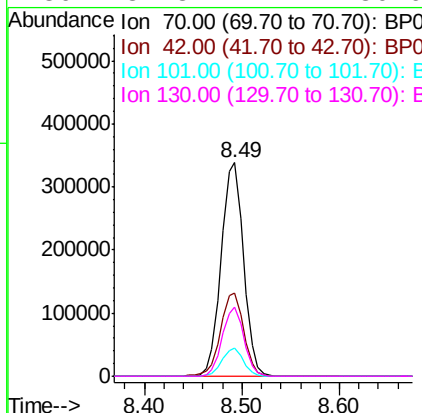
#19
n-Nitroso-di-n-propylamine
Concen: 27.426 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	39.0	31.8	47.8	
101	13.1	9.8	14.8	
130	32.3	24.4	36.6	

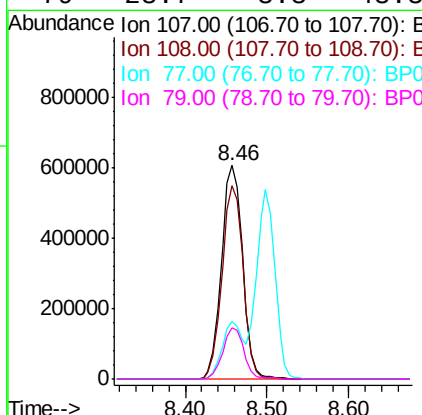
Manual Integrations
APPROVED

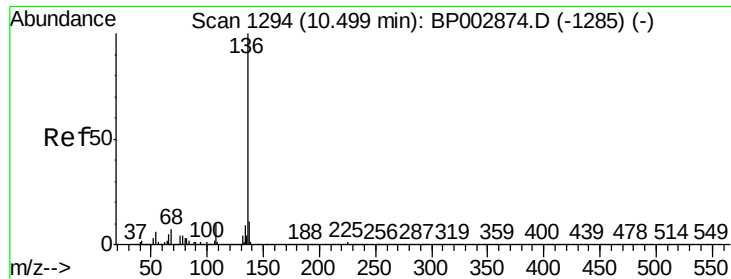
mohammad
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#20
3+4-Methylphenols
Concen: 37.104 ng
RT: 8.46 min Scan# 947
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	69.1	109.1	
77	26.8	7.2	47.2	
79	23.7	3.3	43.3	





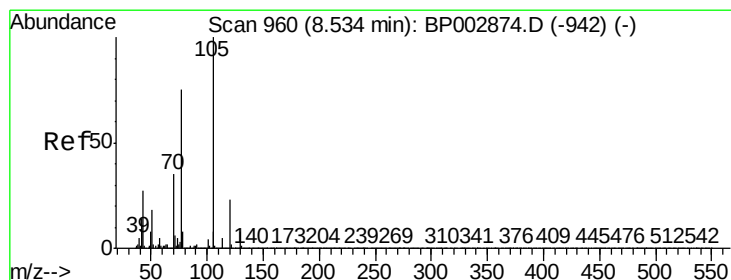
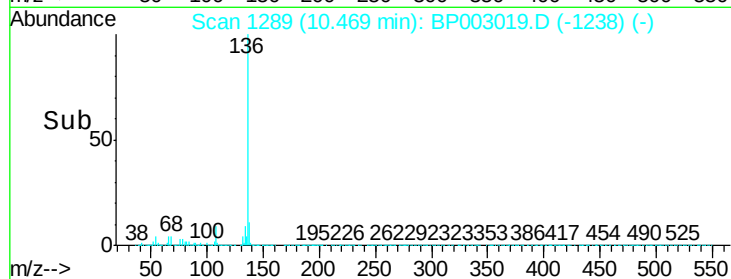
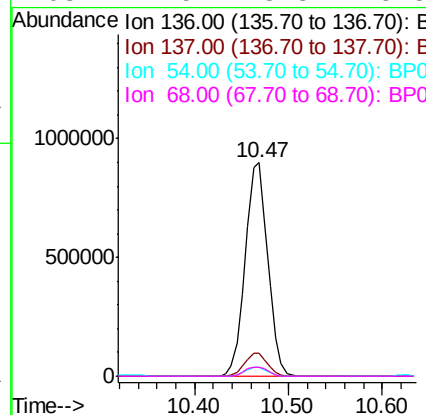
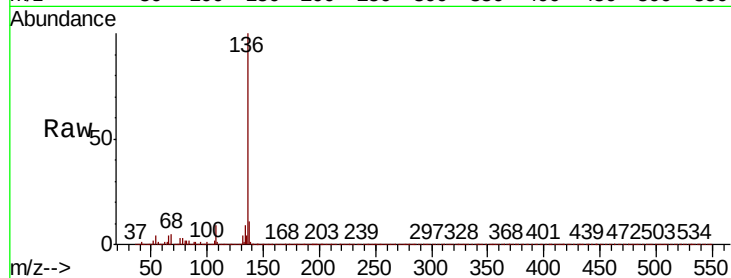
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampled :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	4.5	3.8	5.8
68	4.5	3.8	5.8

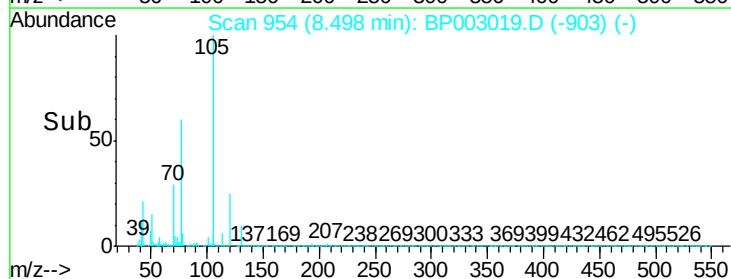
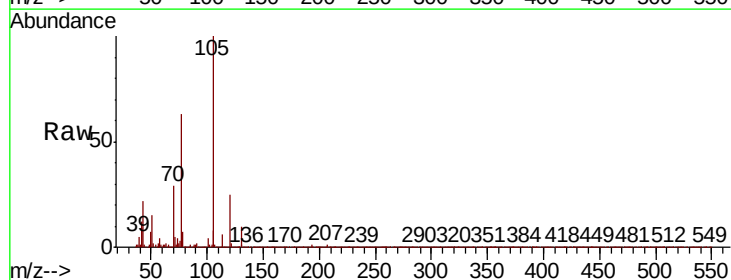
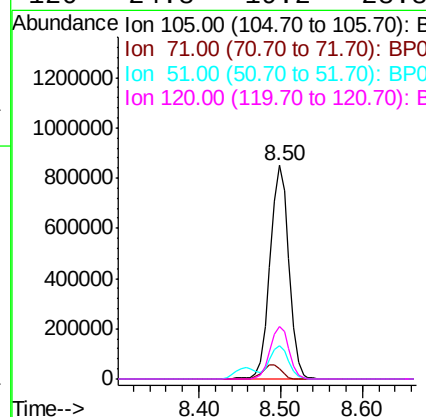
Manual Integrations
APPROVED

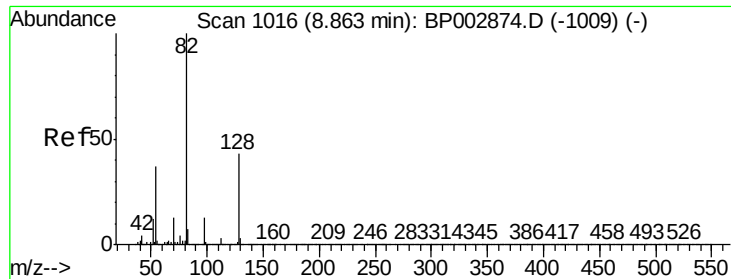
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#22
Acetophenone
Concen: 32.382 ng
RT: 8.50 min Scan# 954
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.8	5.4	8.0#
51	15.4	13.5	20.3
120	24.8	19.2	28.8





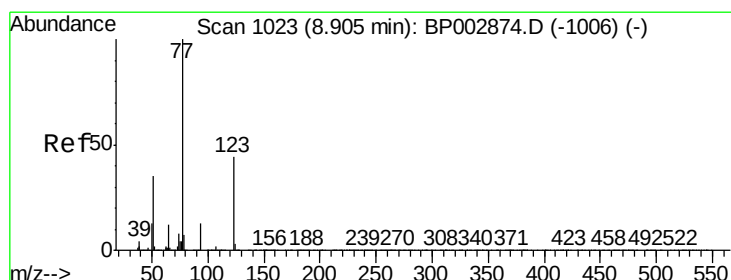
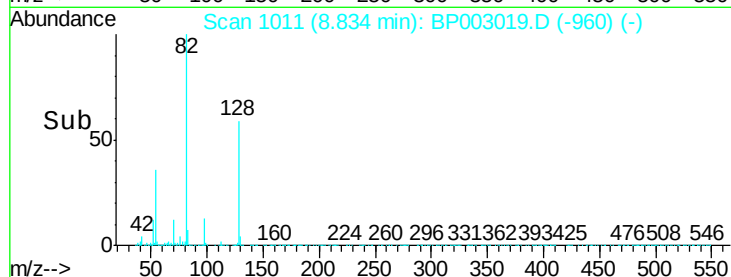
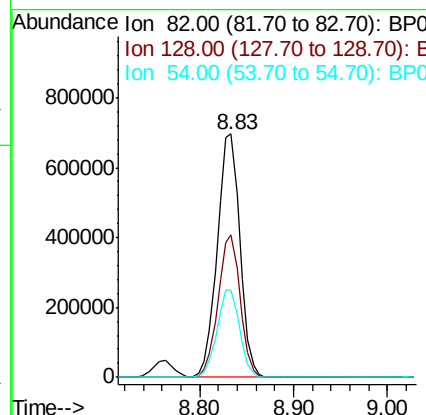
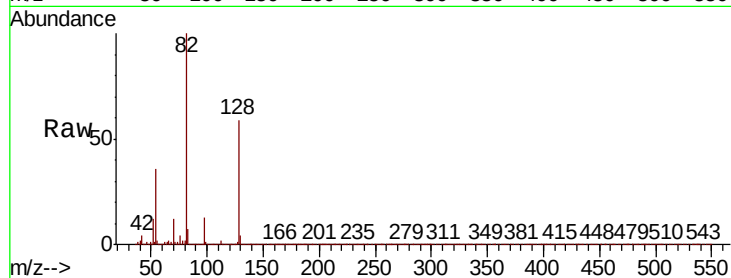
#23
 Nitrobenzene-d5
 Concen: 42.840 ng
 RT: 8.83 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	58.7	45.1	67.7
54	36.0	28.8	43.2

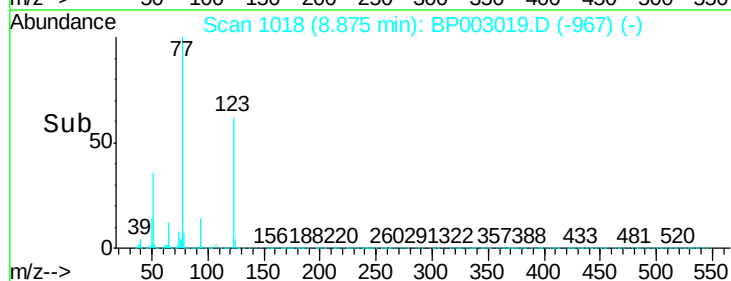
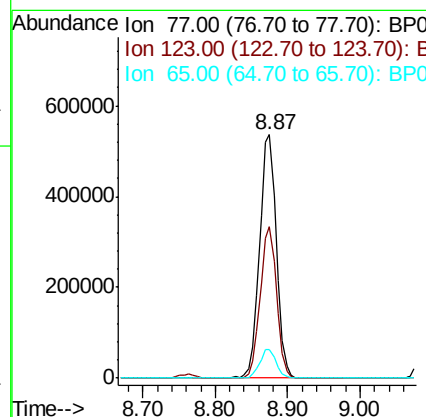
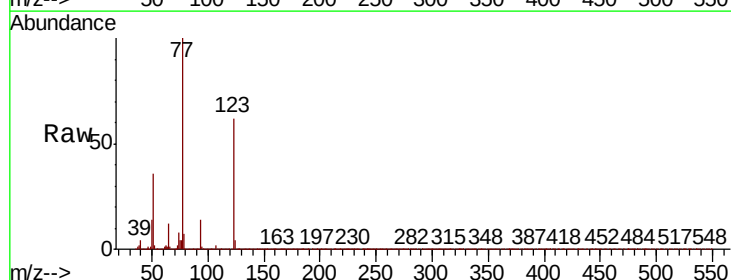
Manual Integrations
 APPROVED

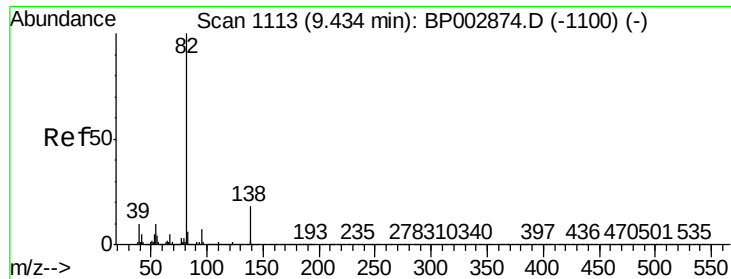
mohammad
 8/19/2020 2:25:06 PM



#24
 Nitrobenzene
 Concen: 28.837 ng
 RT: 8.87 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	62.2	47.5	71.3
65	11.7	9.2	13.8





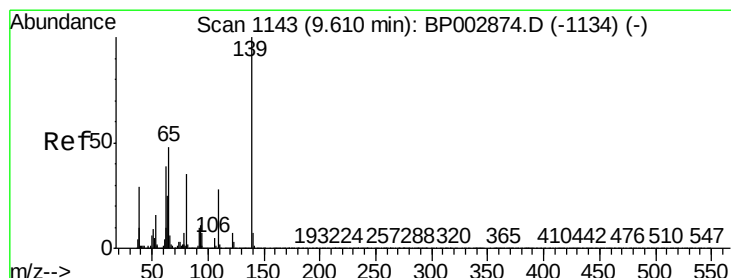
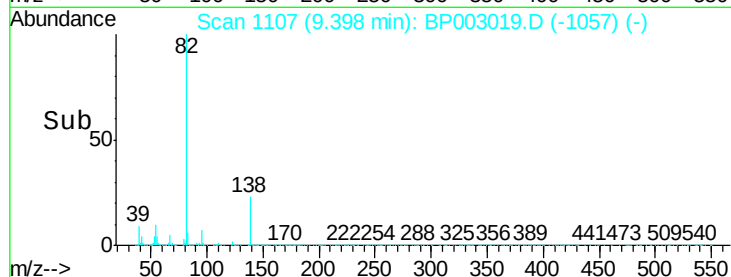
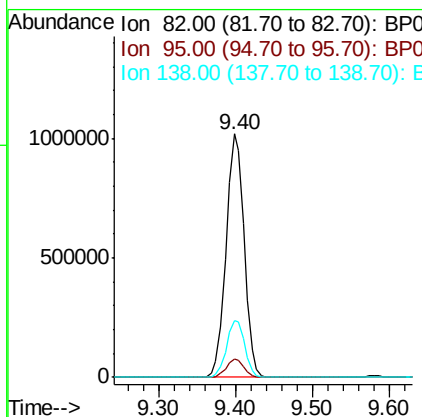
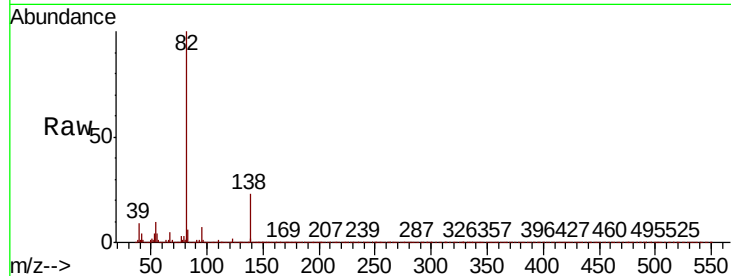
#25
Isophorone
Concen: 28.172 ng
RT: 9.40 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.5	6.1	9.1
138	23.3	18.8	28.2

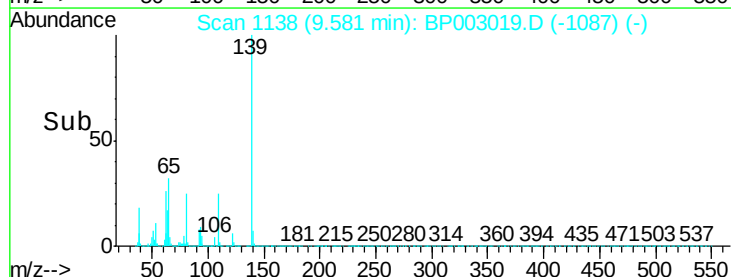
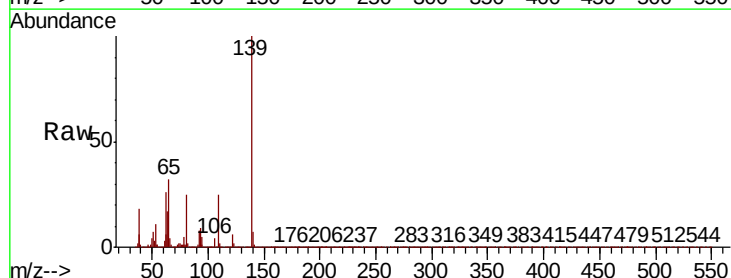
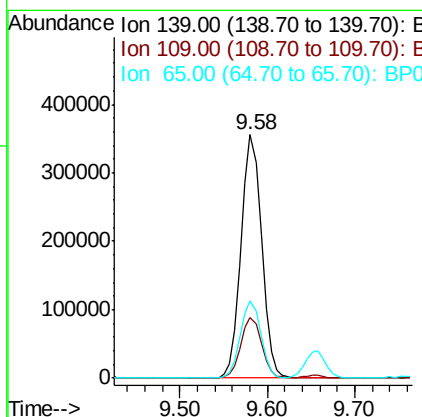
Manual Integrations
APPROVED

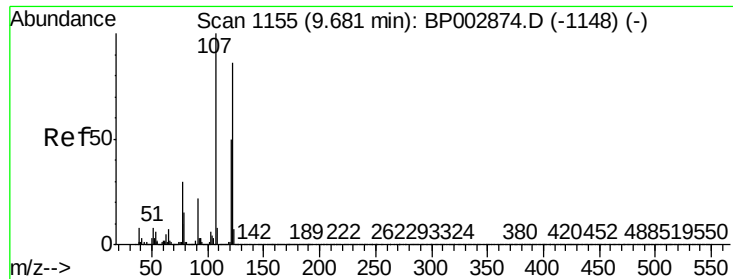
mohammad
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#26
2-Nitrophenol
Concen: 45.307 ng
RT: 9.58 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	24.7	21.0	31.6
65	31.9	27.2	40.8





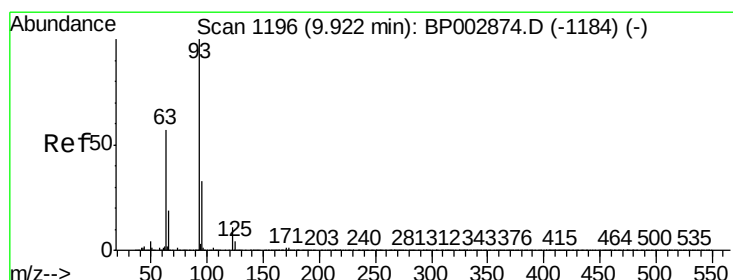
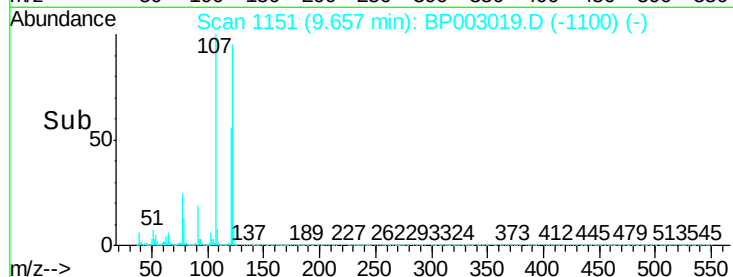
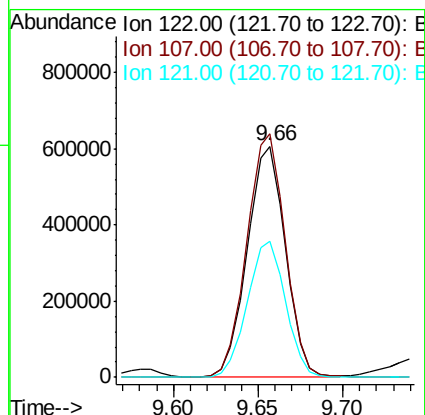
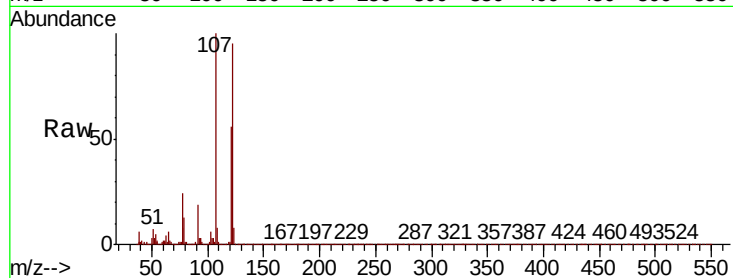
#27
2,4-Dimethylphenol
Concen: 40.575 ng
RT: 9.66 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	953965		
107	105.4	85.4	128.0	
121	59.0	47.0	70.4	

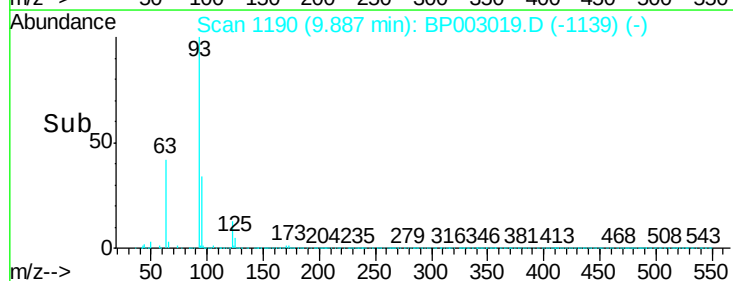
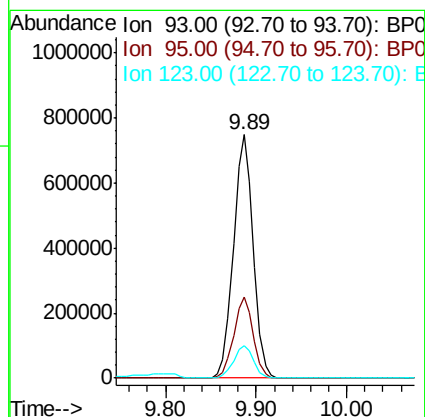
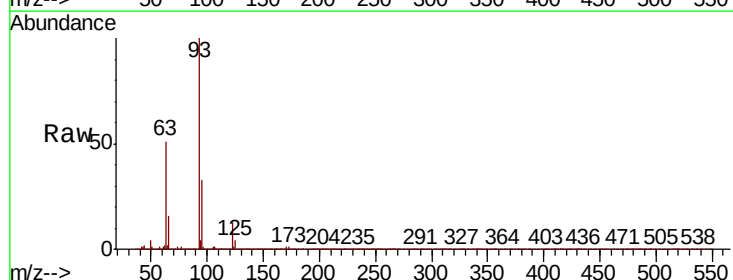
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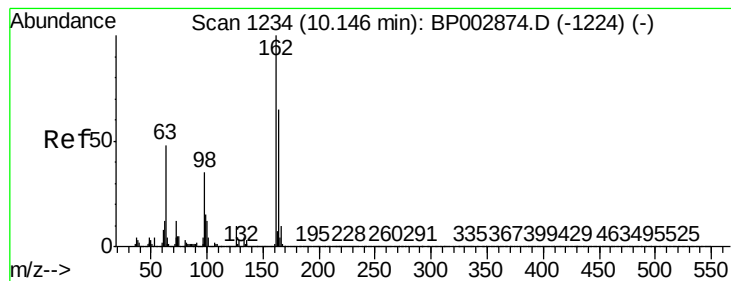
mohammad
8/19/2020 2:25:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.281 ng
RT: 9.89 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1129146		
95	33.0	26.1	39.1	
123	13.5	10.5	15.7	





#29

2,4-Dichlorophenol

Concen: 40.550 ng

RT: 10.12 min Scan# 1230

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:162 Resp: 1003383

Ion Ratio Lower Upper

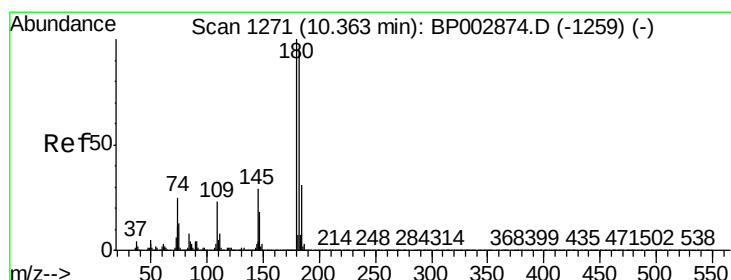
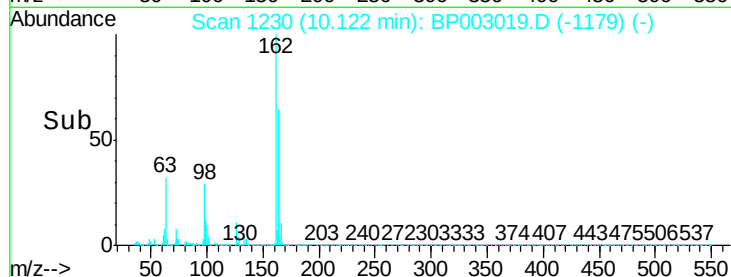
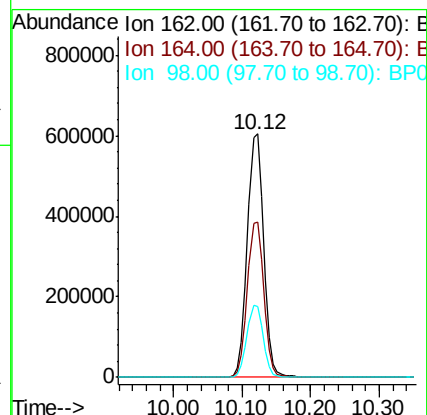
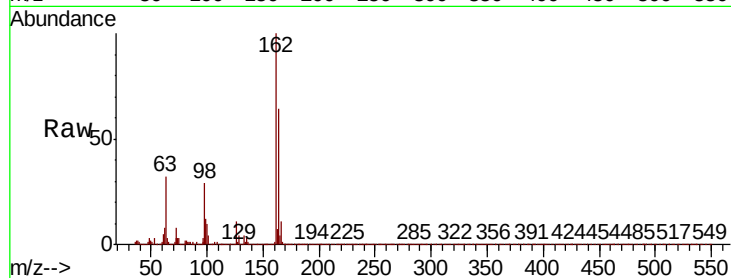
162 100

164 63.9 43.9 83.9

98 29.1 10.0 50.0

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#30

1,2,4-Trichlorobenzene

Concen: 37.077 ng

RT: 10.33 min Scan# 1266

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

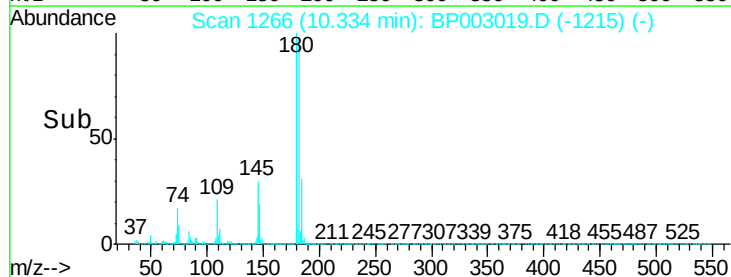
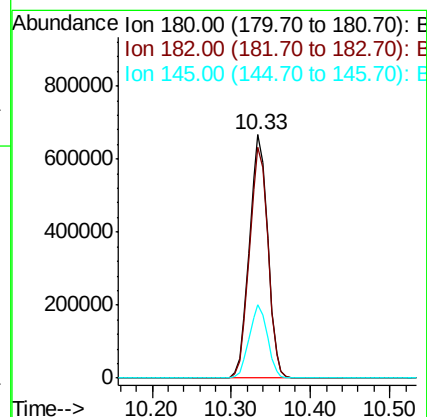
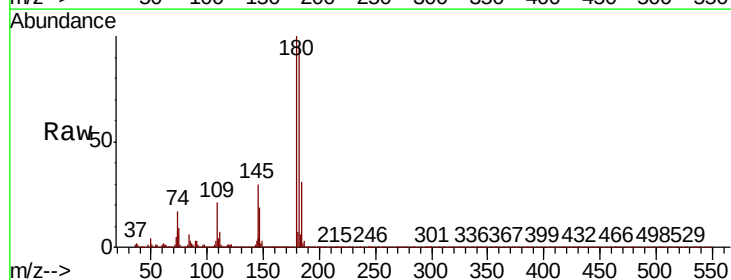
Tgt Ion:180 Resp: 1072487

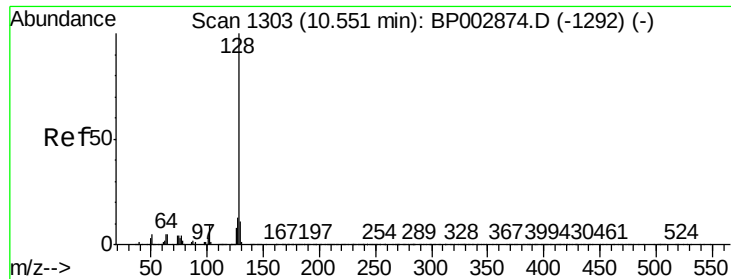
Ion Ratio Lower Upper

180 100

182 94.6 76.3 114.5

145 30.0 24.4 36.6





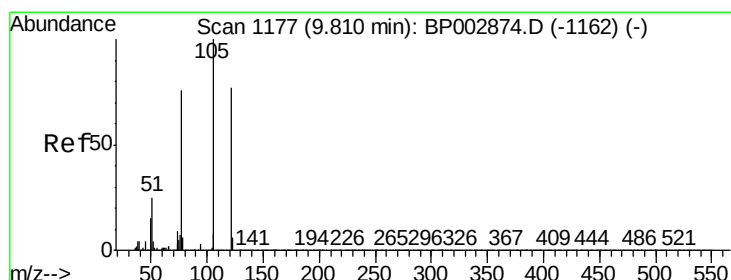
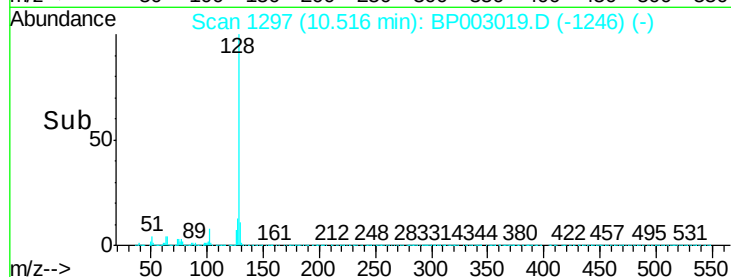
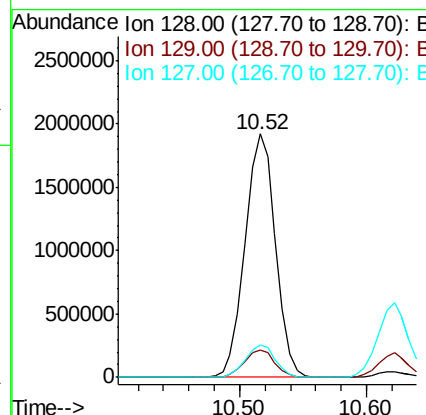
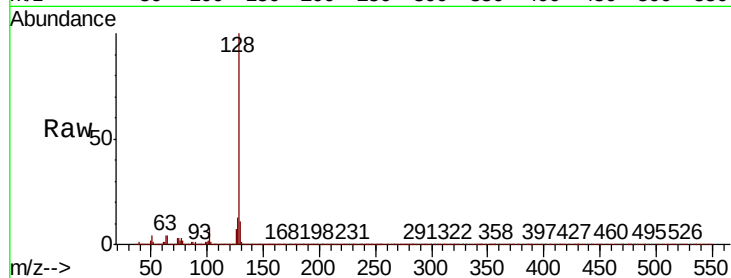
#31
Naphthalene
Concen: 37.429 ng
RT: 10.52 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.4	10.6	16.0

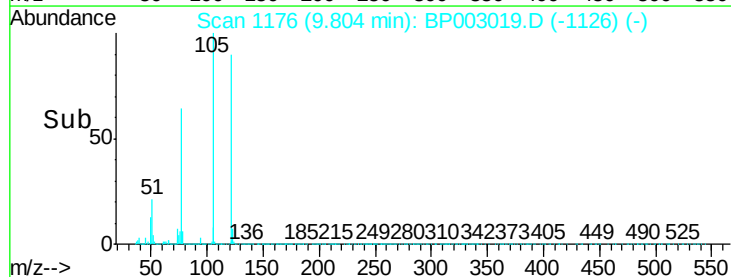
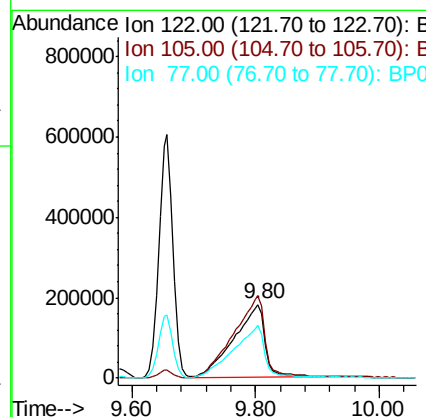
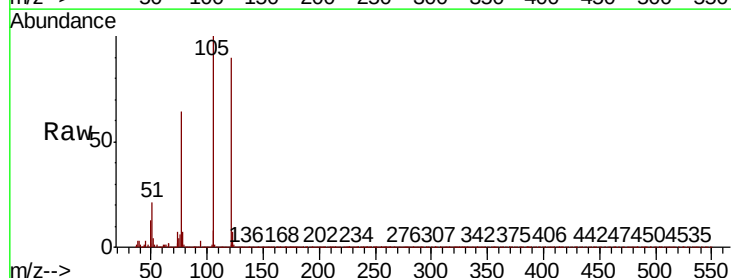
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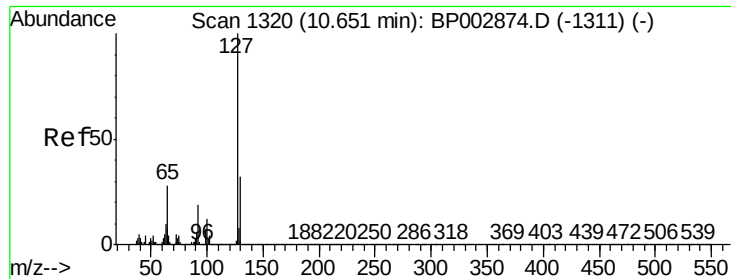
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#32
Benzoic acid
Concen: 46.434 ng
RT: 9.80 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.5	96.2	136.2
77	71.6	55.6	95.6





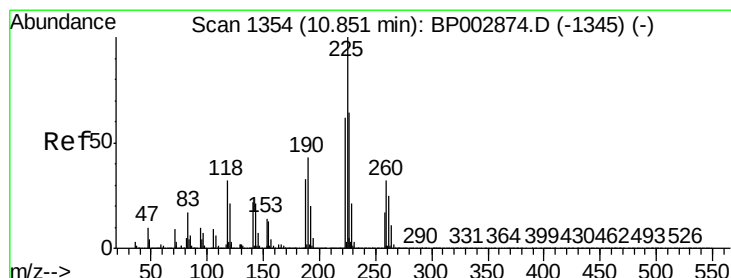
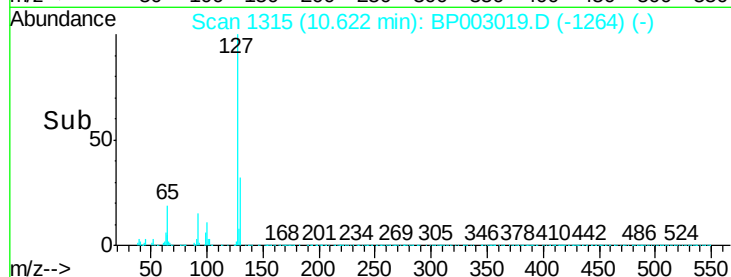
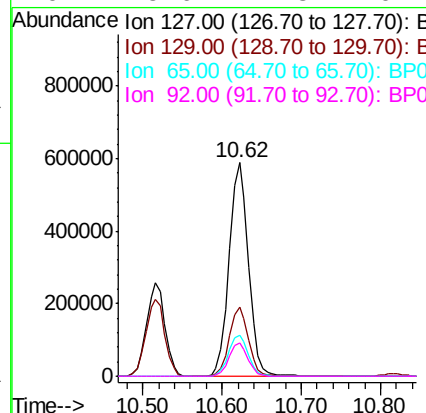
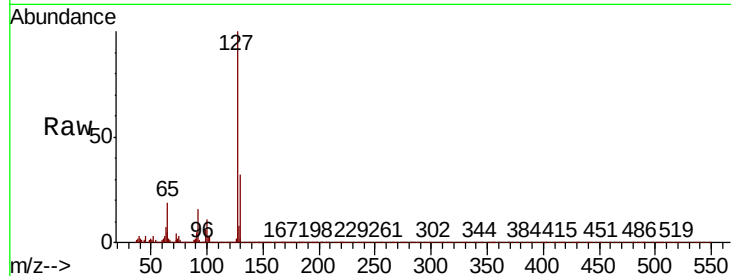
#33
4-Chloroaniline
Concen: 27.972 ng
RT: 10.62 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		987711		
129	32.5	25.8	38.6		
65	19.4	16.7	25.1		
92	15.6	12.8	19.2		

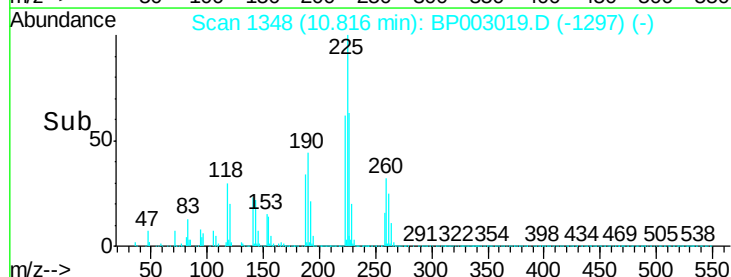
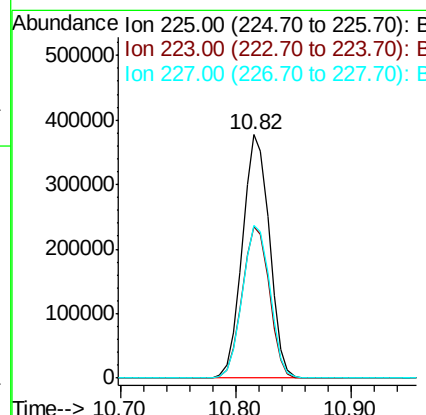
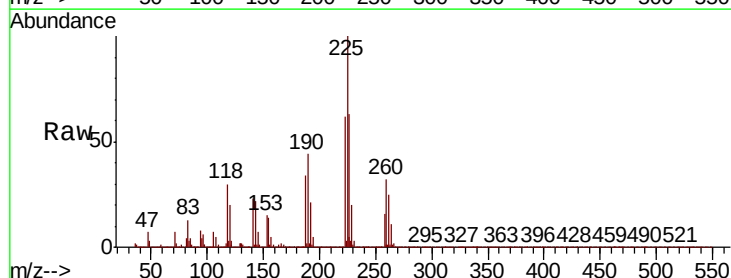
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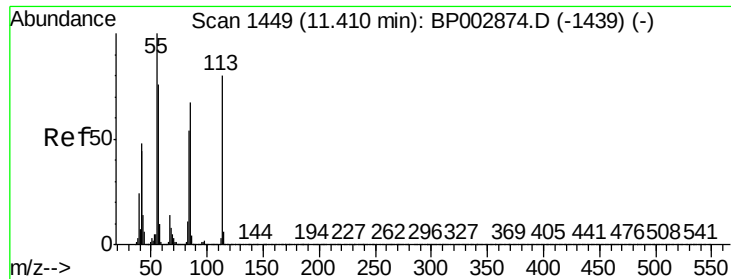
mohammad
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#34
Hexachlorobutadiene
Concen: 34.466 ng
RT: 10.82 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		610097		
223	62.0	50.4	75.6		
227	62.9	51.0	76.6		





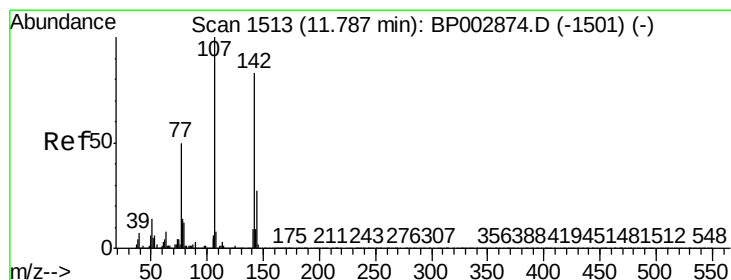
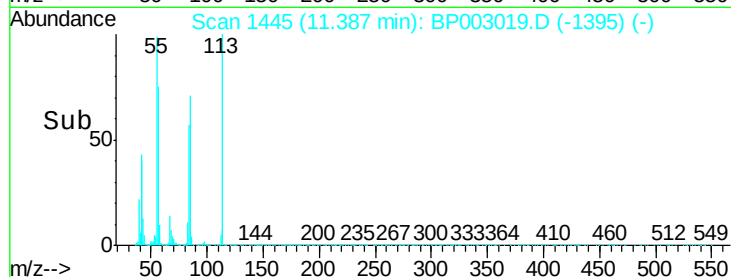
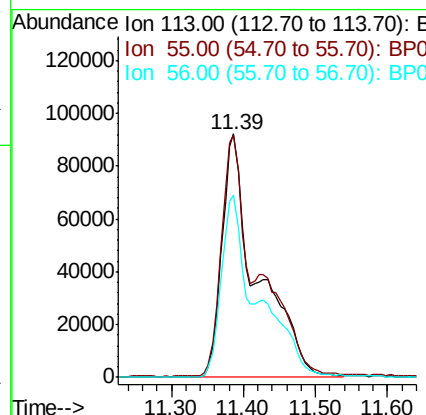
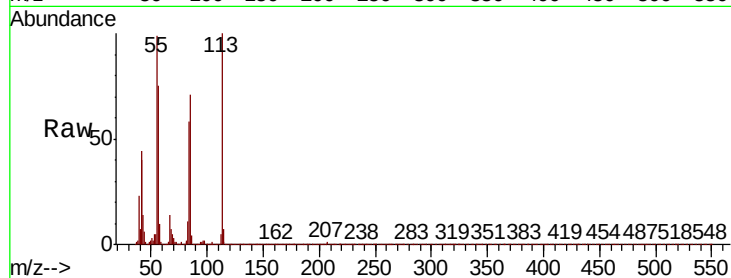
#35
 Caprolactam
 Concen: 40.953 ng/ml
 RT: 11.39 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		313547		
55	99.4	87.1	127.1		
56	74.7	61.0	101.0		

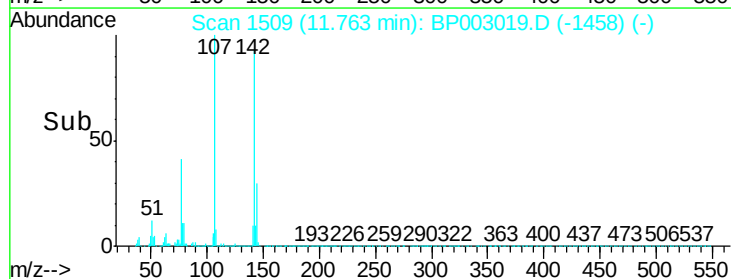
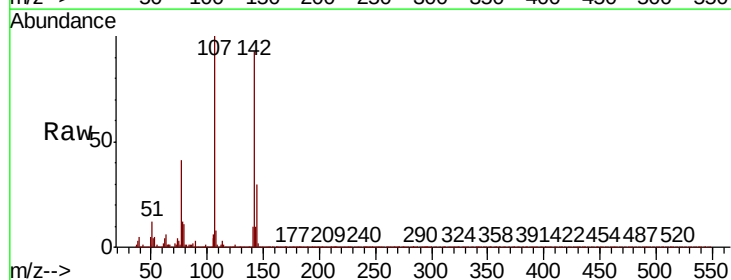
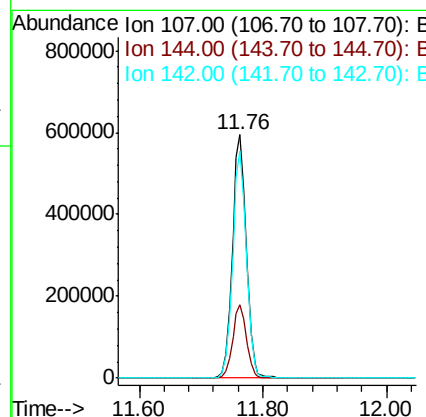
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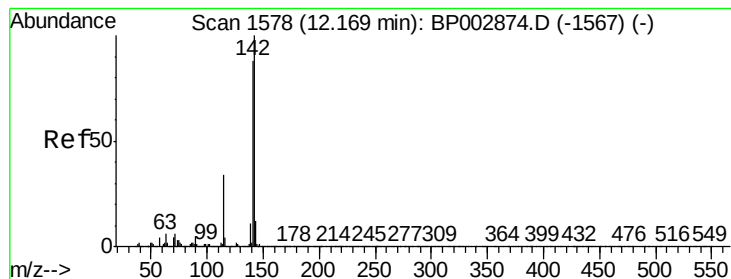
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 36.213 ng/ml
 RT: 11.76 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		931478		
144	30.2	23.8	35.6		
142	93.3	74.2	111.4		





#37

2-Methylnaphthalene

Concen: 38.131 ng

RT: 12.13 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

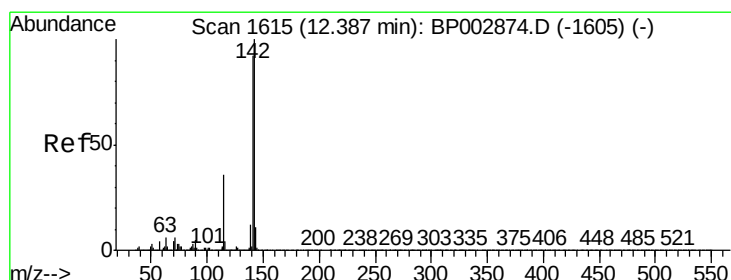
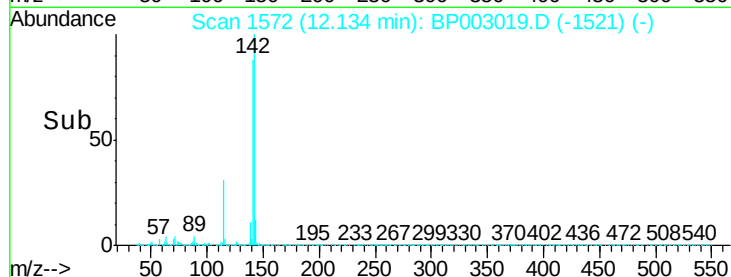
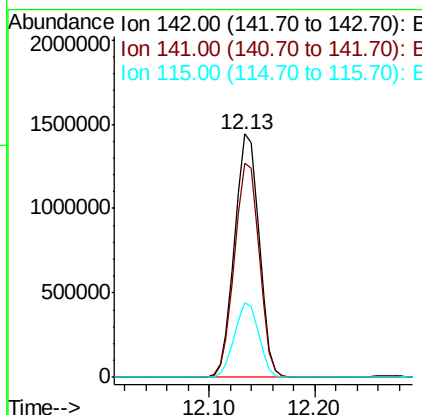
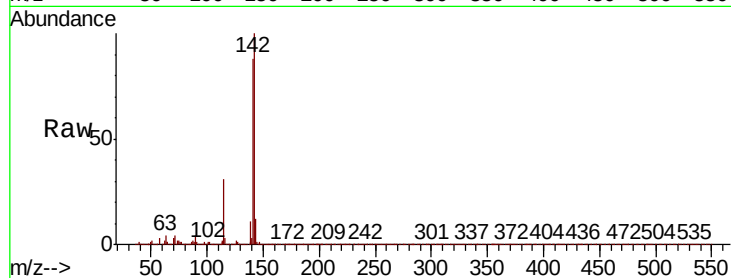
ClientSampleId :

V-23615MSD

Tot Ion:	142	Resp:	2311037
Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.5	105.7
115	30.7	25.0	37.4

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#38

1-Methylnaphthalene

Concen: 38.111 ng

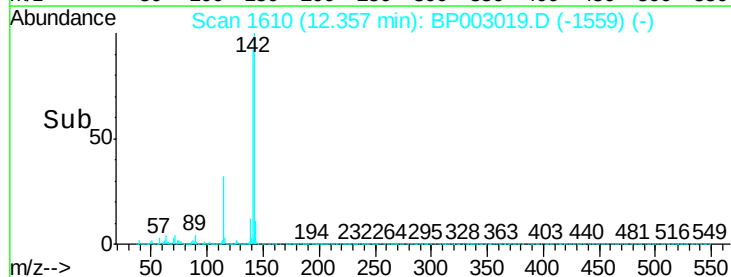
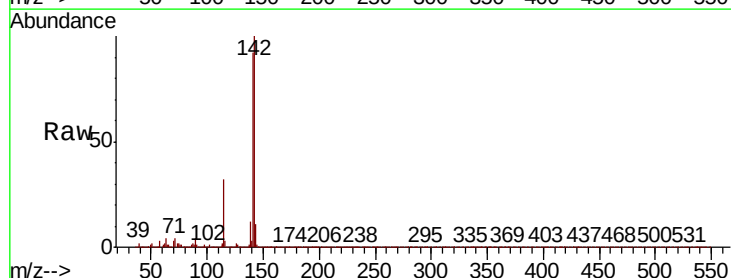
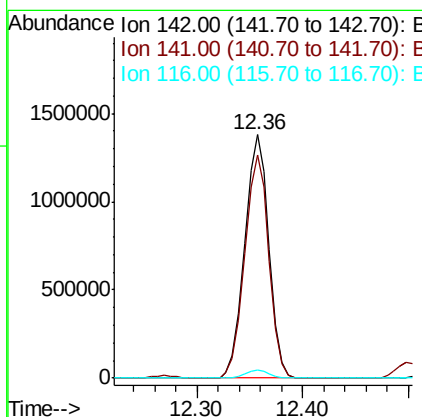
RT: 12.36 min Scan# 1610

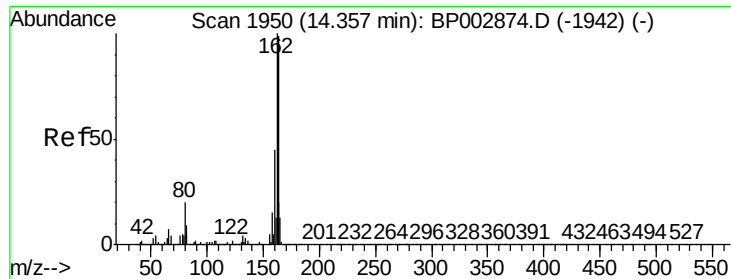
Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:	142	Resp:	2174348
Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.5	110.3
116	3.3	2.8	4.2





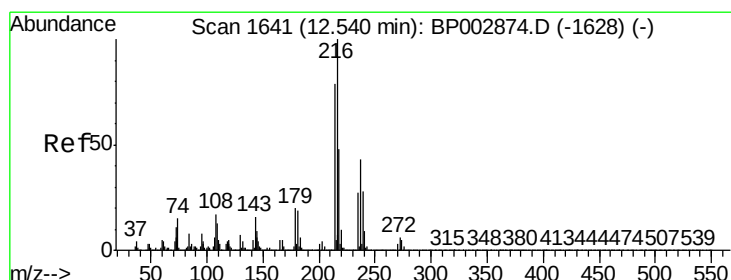
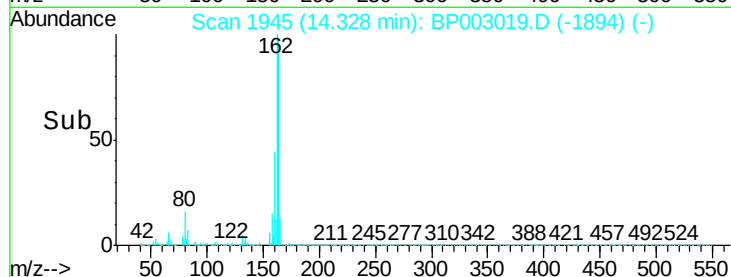
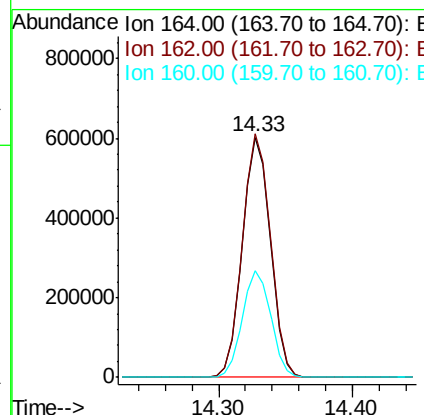
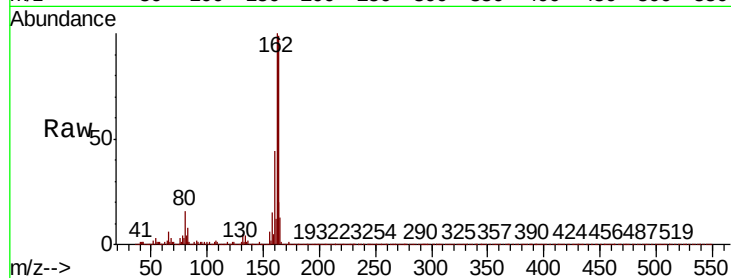
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	81.4	122.0	
160	44.6	35.5	53.3	

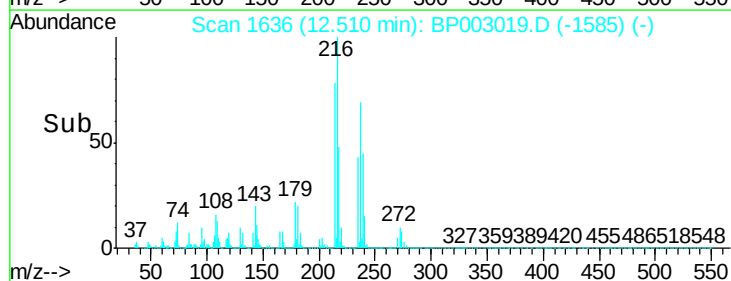
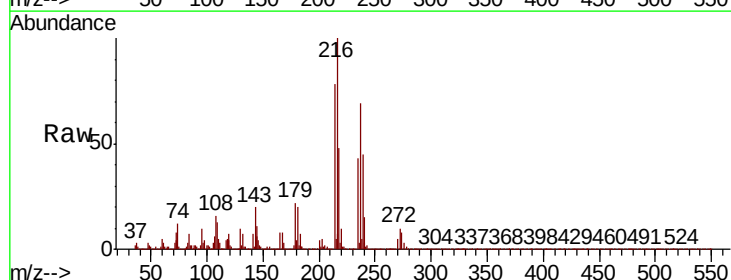
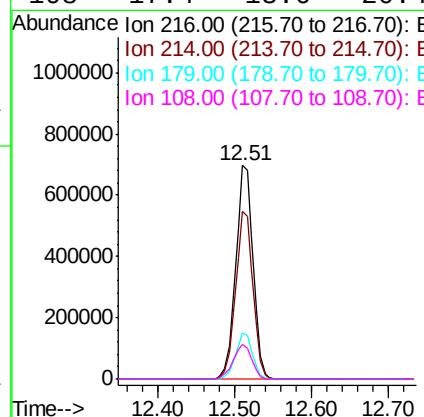
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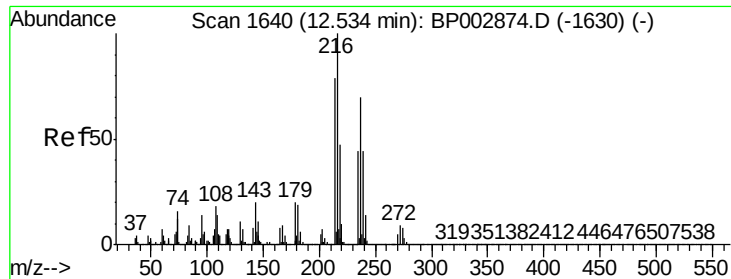
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 34.792 ng
RT: 12.51 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.4	62.6	94.0	
179	21.1	17.3	25.9	
108	17.4	13.6	20.4	





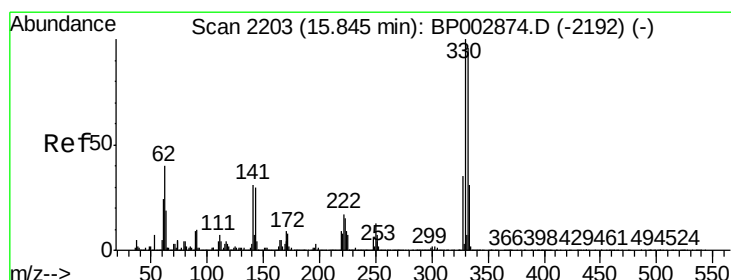
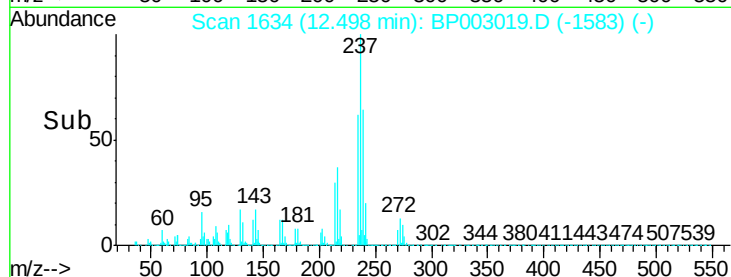
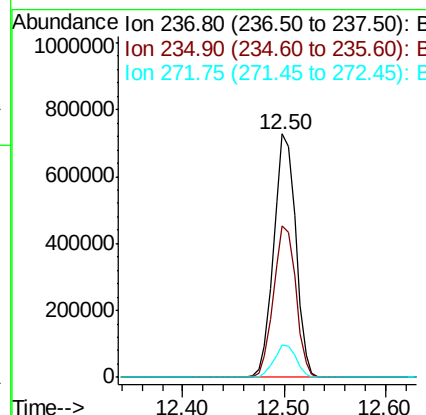
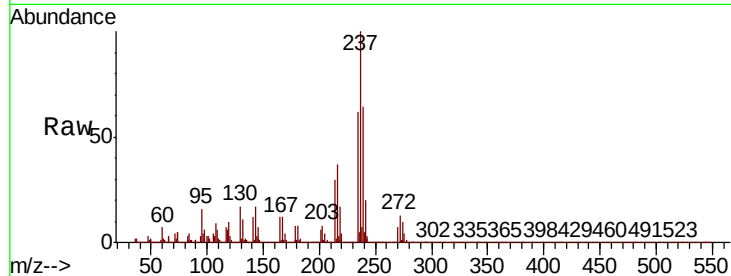
#41
Hexachlorocyclopentadiene
Concen: 67.507 ng
RT: 12.50 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.8	83.8
272	13.2	0.0	33.3

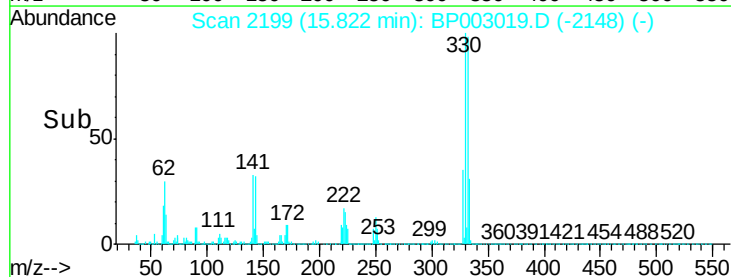
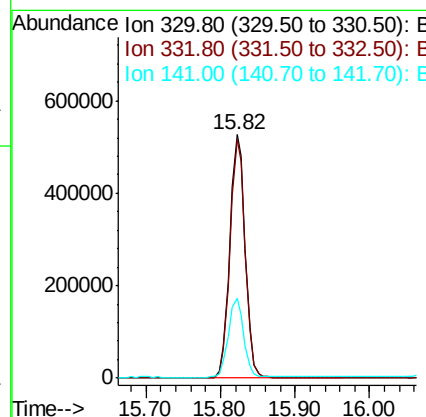
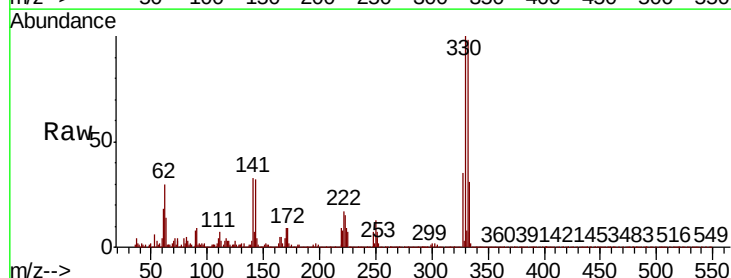
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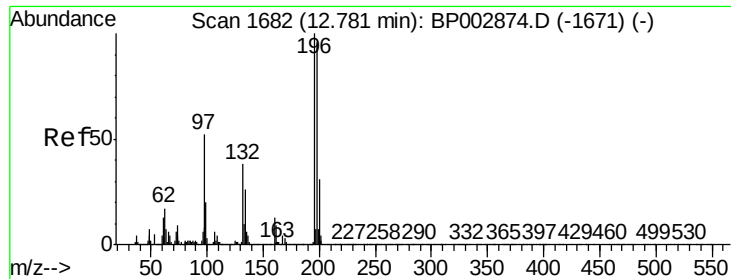
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#42
2,4,6-Tribromophenol
Concen: 70.282 ng
RT: 15.82 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	32.4	26.7	40.1





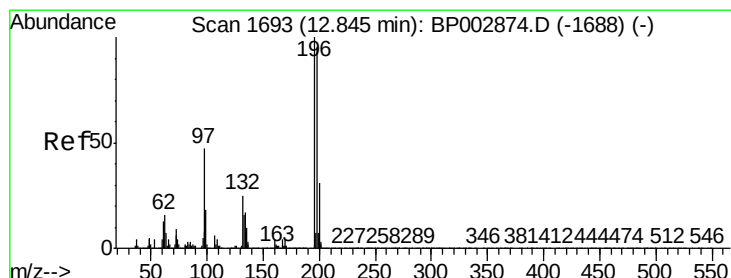
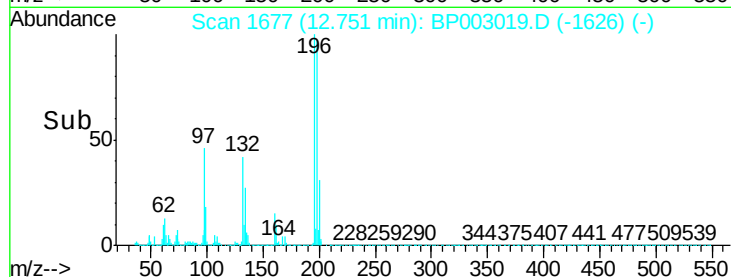
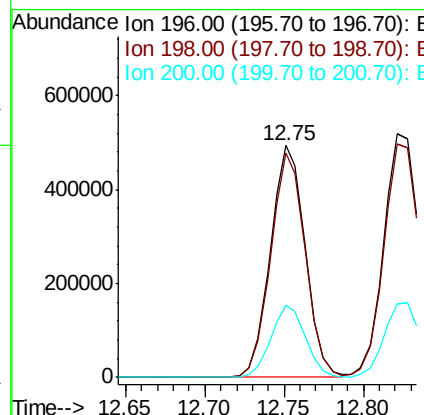
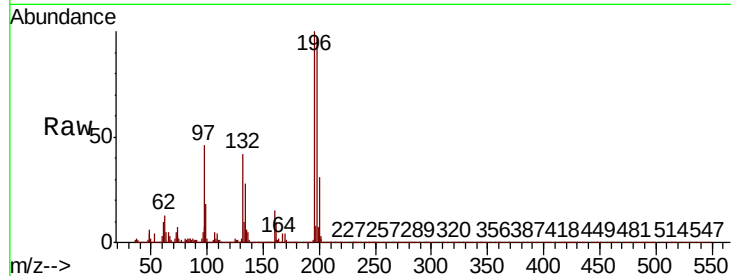
#43
 2,4,6-Trichlorophenol
 Concen: 41.230 ng
 RT: 12.75 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	750122		
198	97.0	76.2	114.2	
200	31.2	24.6	37.0	

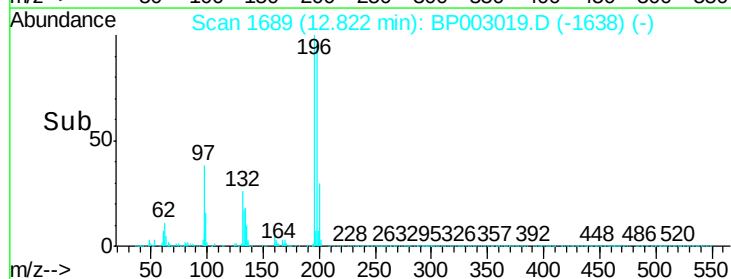
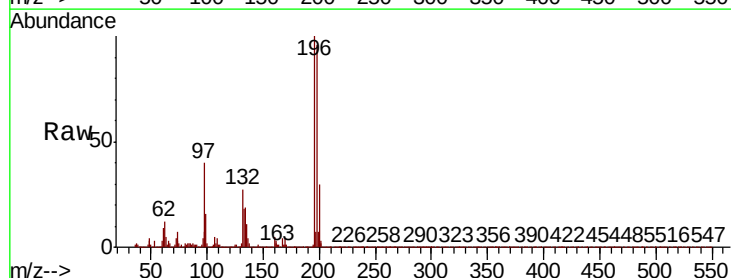
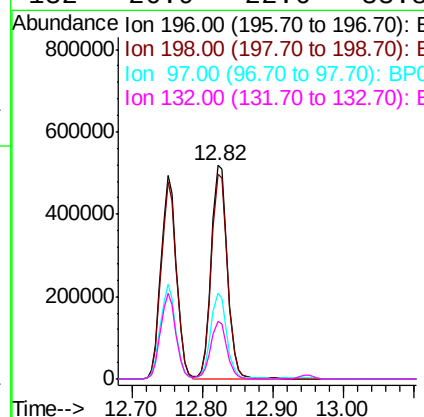
Manual Integrations
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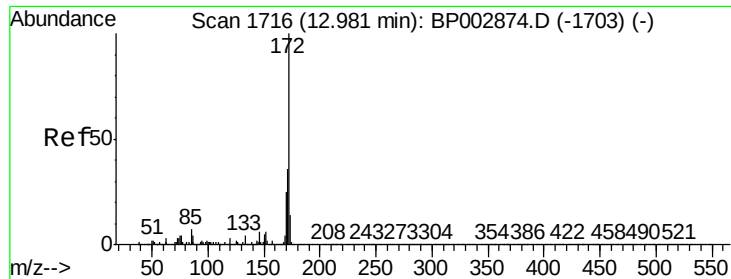
mohammad
 8/19/2020 2:25:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.534 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	828965		
198	95.6	76.8	115.2	
97	40.1	33.6	50.4	
132	26.9	22.6	33.8	





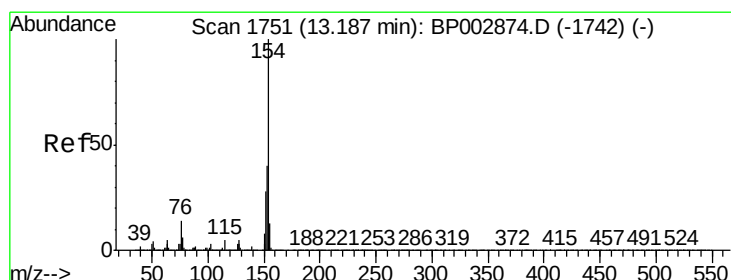
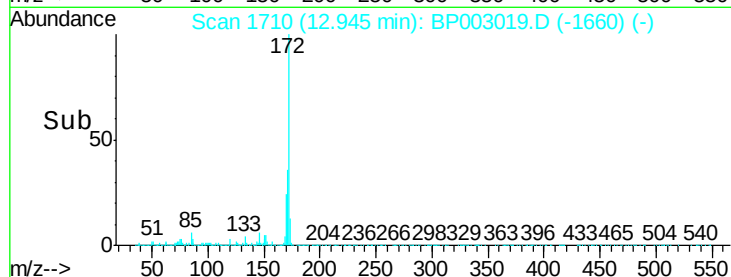
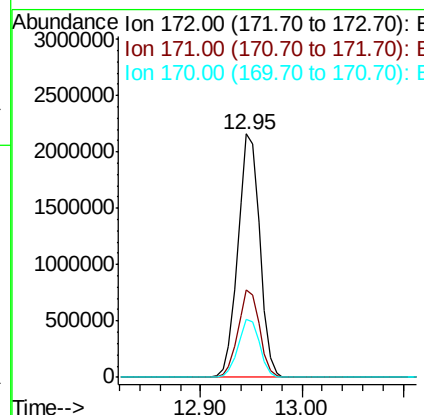
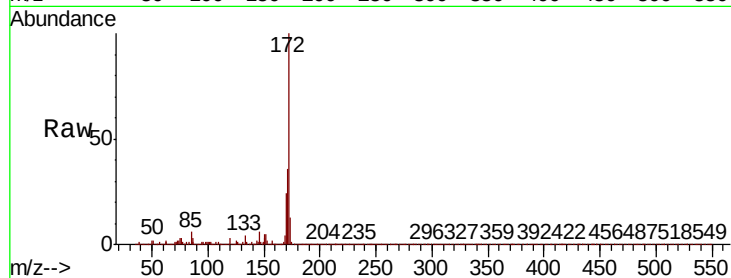
#45
2-Fluorobiphenyl
Concen: 50.250 ng
RT: 12.95 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	23.8	19.1	28.7

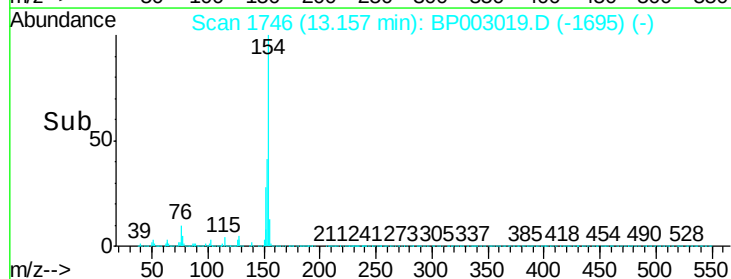
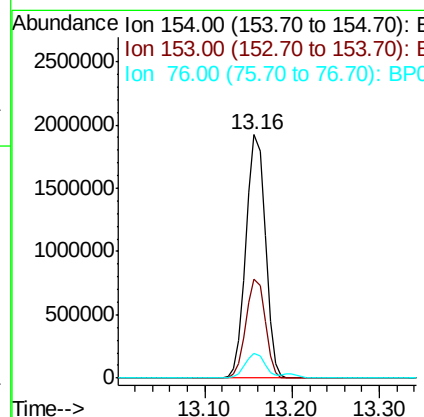
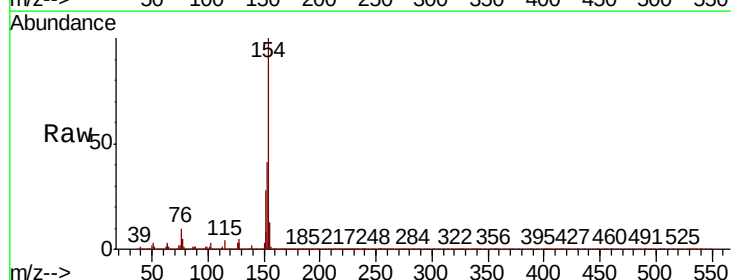
Manual Integrations
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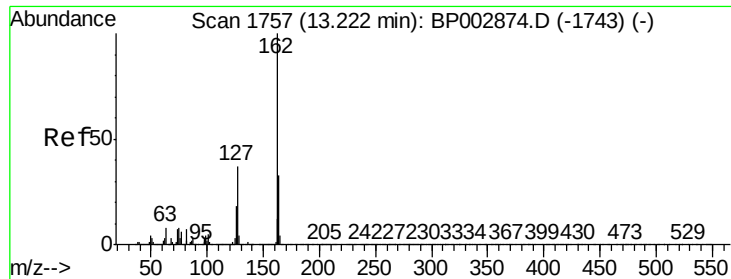
mohammad
8/19/2020 2:25:06 PM



#46
1,1'-Biphenyl
Concen: 39.383 ng
RT: 13.16 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.5	60.5
76	10.0	0.0	30.1





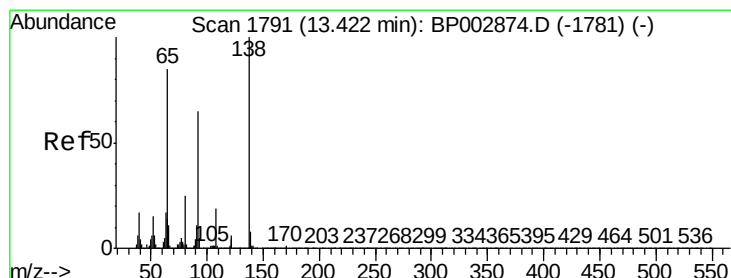
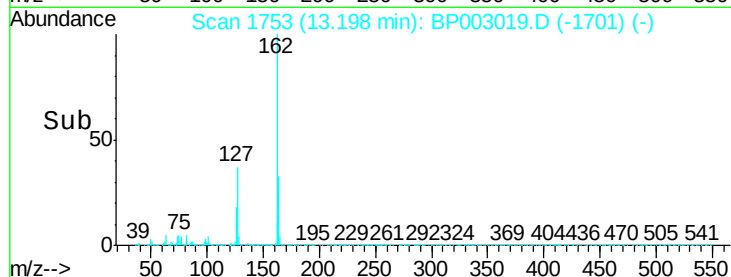
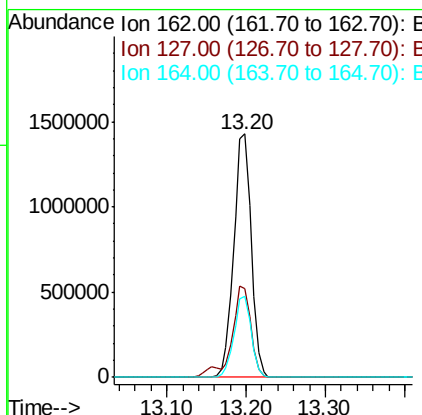
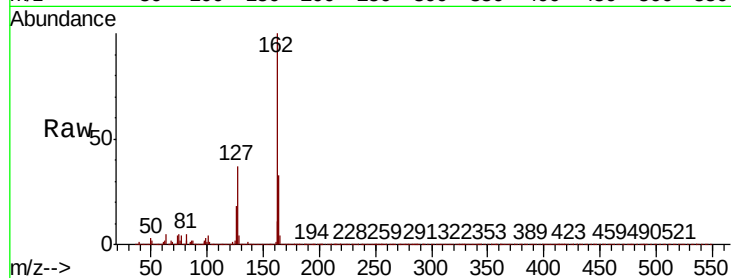
#47
2-Chloronaphthalene
Concen: 38.396 ng
RT: 13.20 min Scan# 1753
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.6	30.6	46.0
164	33.2	26.5	39.7

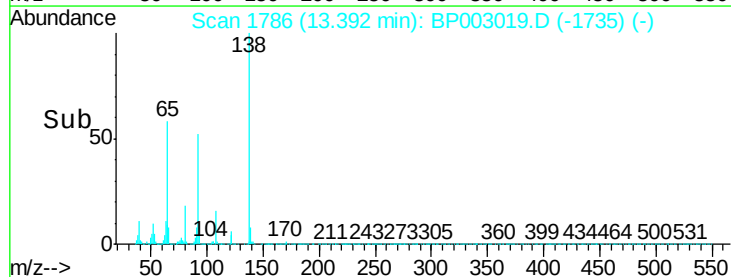
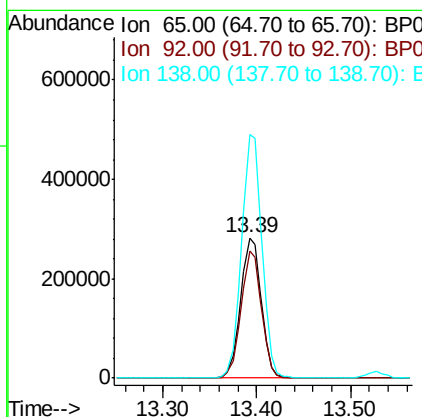
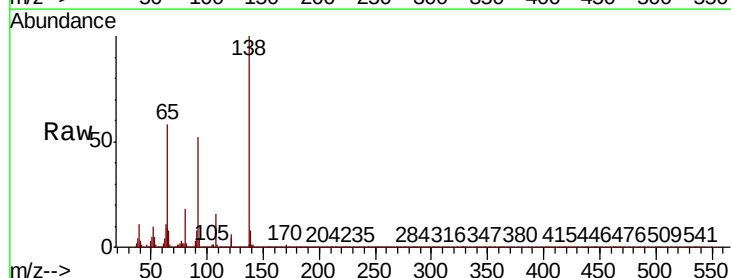
Manual Integrations
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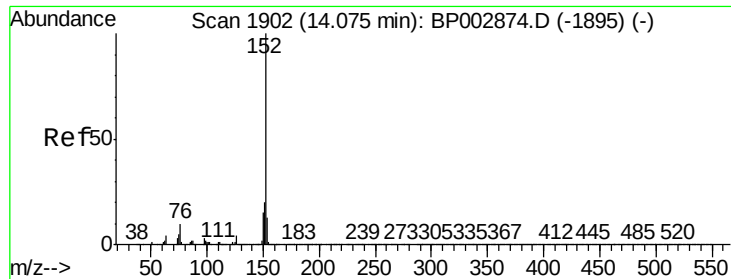
mohammad
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#48
2-Nitroaniline
Concen: 32.018 ng
RT: 13.39 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	90.2	70.1	105.1
138	173.5	129.7	194.5





#49

Acenaphthylene

Concen: 40.920 ng

RT: 14.05 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:152 Resp: 3627123

Ion Ratio Lower Upper

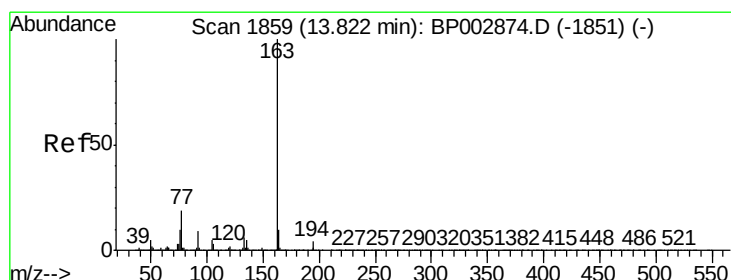
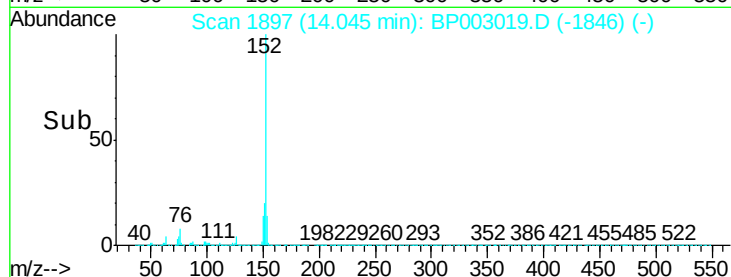
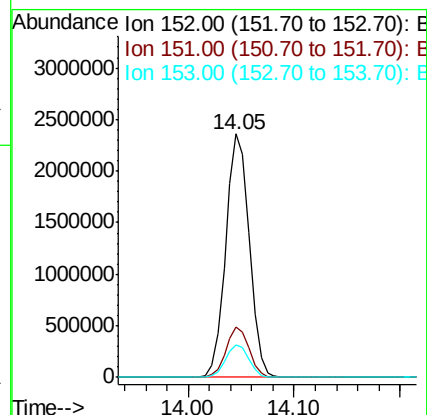
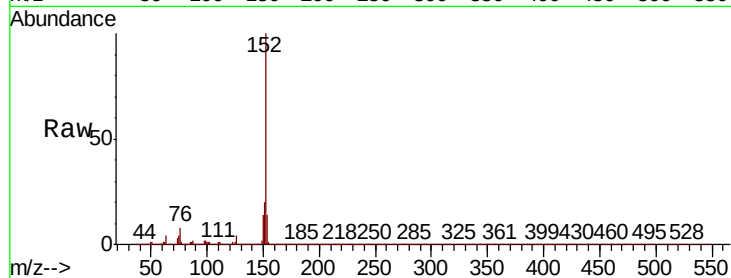
152 100

151 20.4 16.5 24.7

153 13.6 10.7 16.1

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.252 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

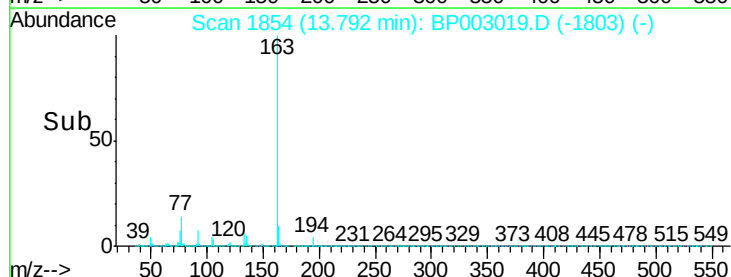
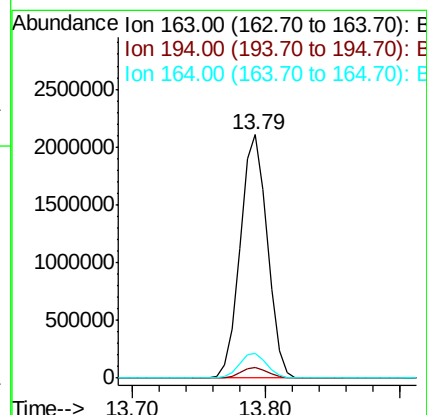
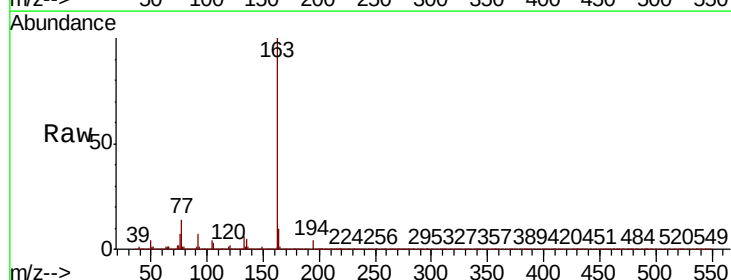
Tgt Ion:163 Resp: 2953593

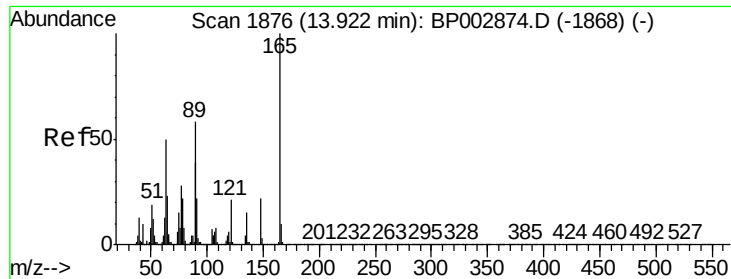
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.1 12.1





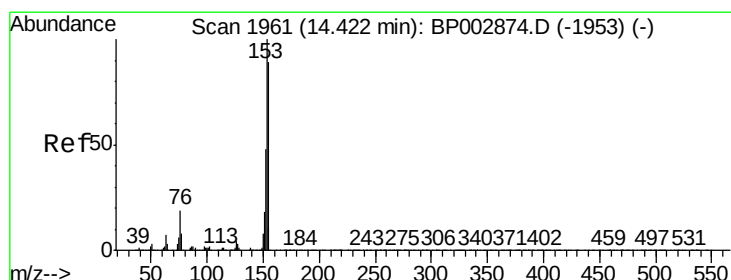
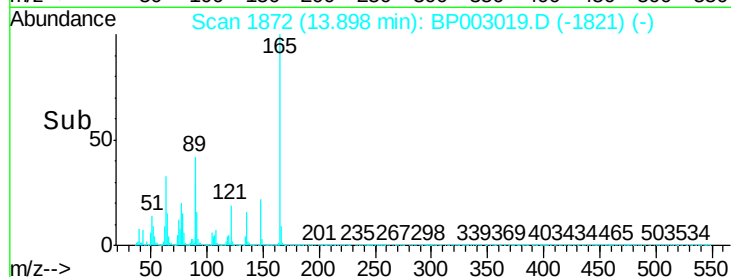
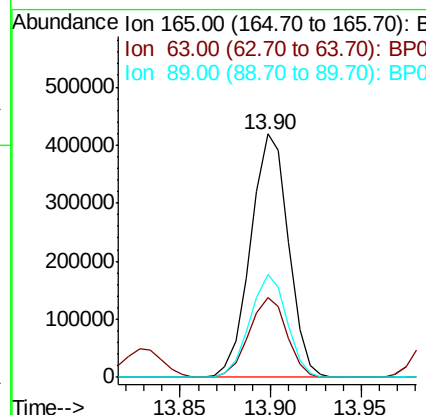
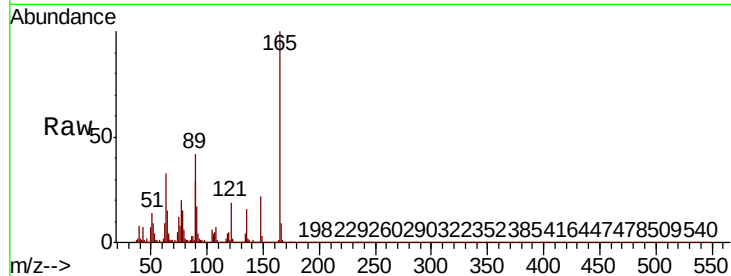
#51
2,6-Dinitrotoluene
Concen: 39.959 ng
RT: 13.90 min Scan# 1872
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.0	28.1	42.1
89	42.0	34.5	51.7

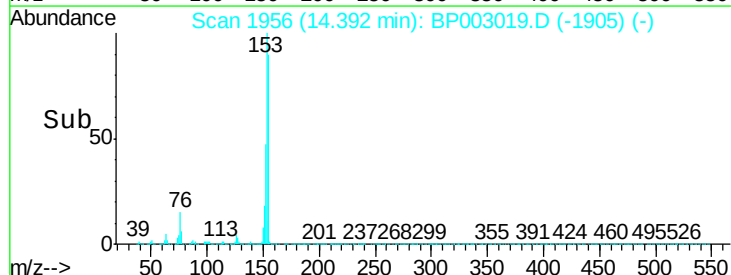
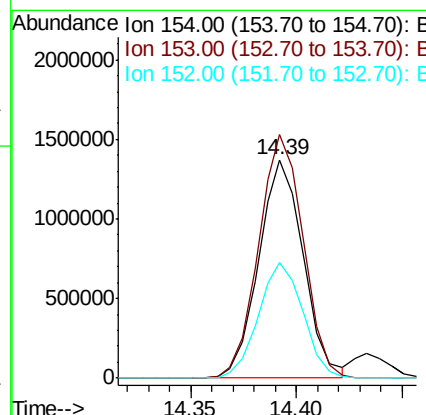
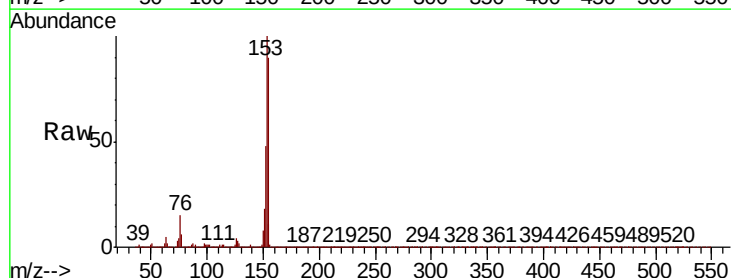
Manual Integrations
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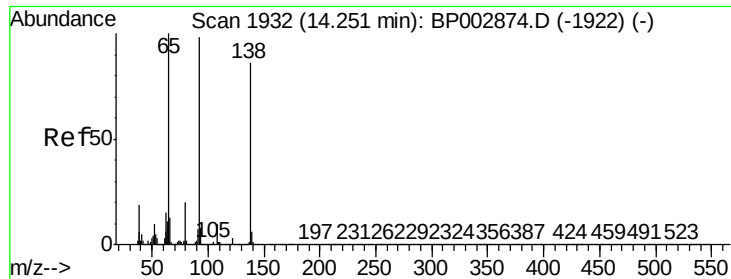
mohammad
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#52
Acenaphthene
Concen: 35.308 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	89.5	134.3
152	53.1	42.7	64.1





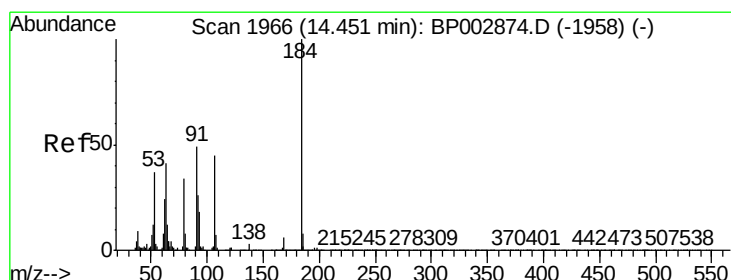
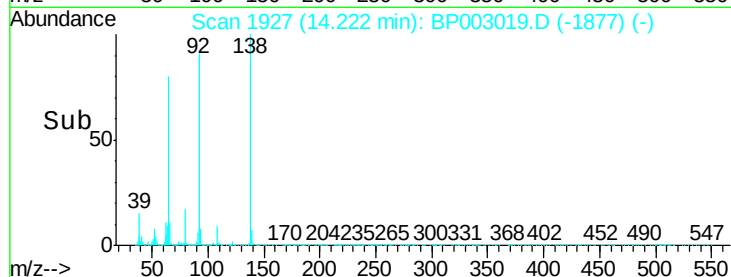
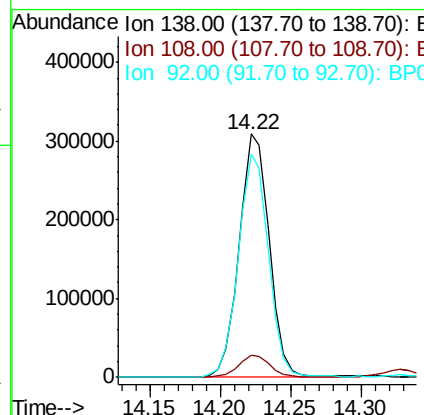
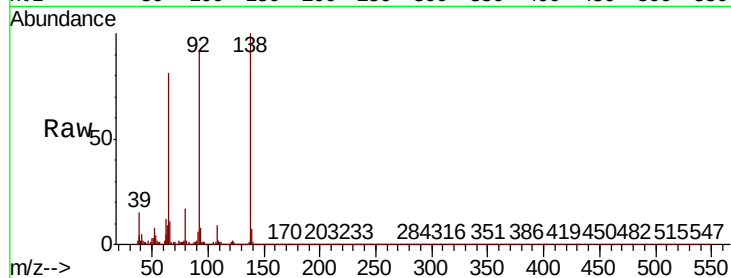
#53
3-Nitroaniline
Concen: 29.547 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.2	7.7	11.5
92	91.5	75.6	113.4

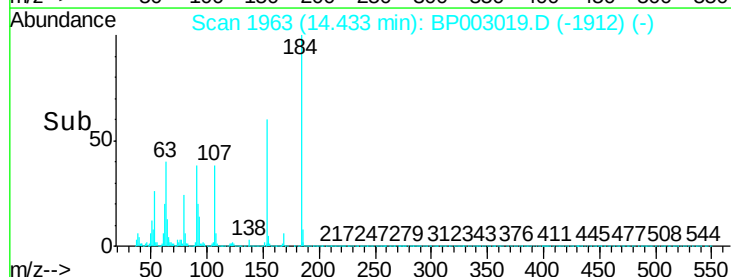
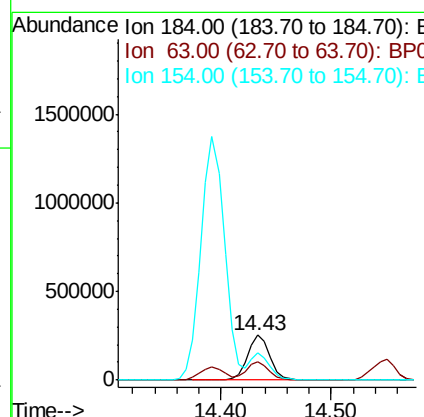
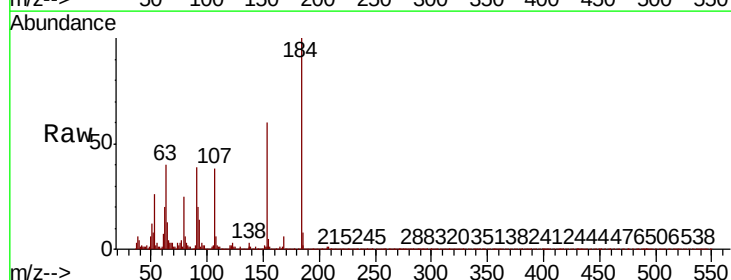
Manual Integrations
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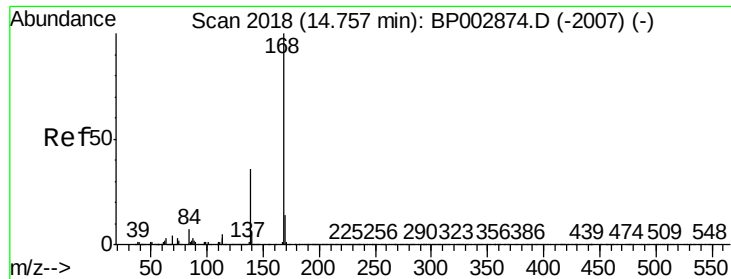
mohammad
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#54
2,4-Dinitrophenol
Concen: 58.349 ng
RT: 14.43 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	39.8	33.0	49.6
154	59.8	46.8	70.2





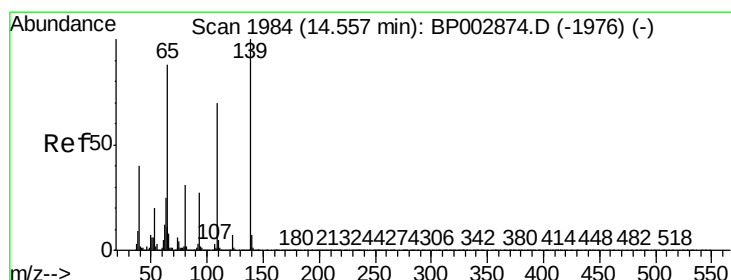
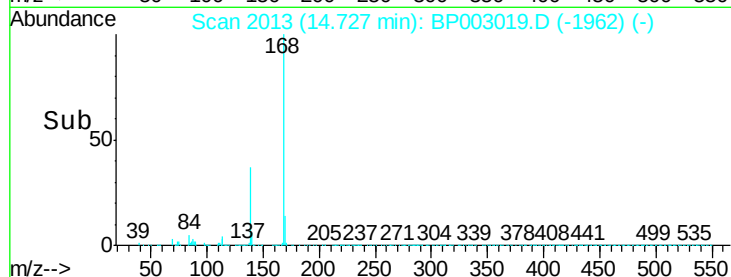
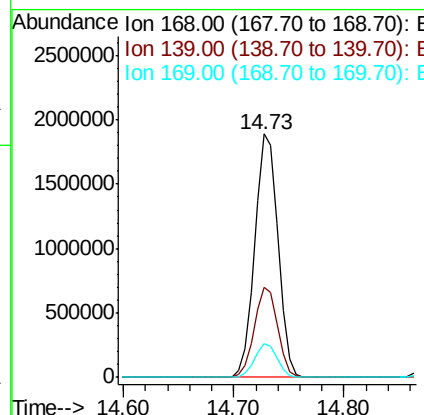
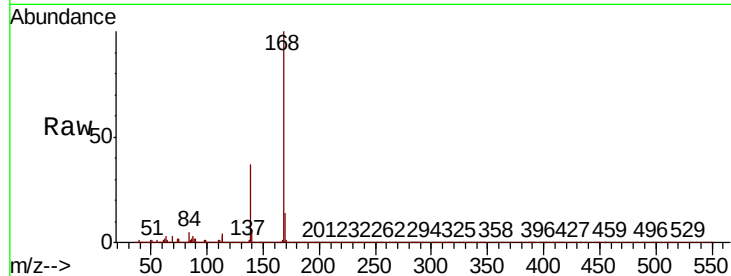
#55
Dibenzenofuran
Concen: 31.890 ng
RT: 14.73 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.4	45.6
169	13.7	11.0	16.4

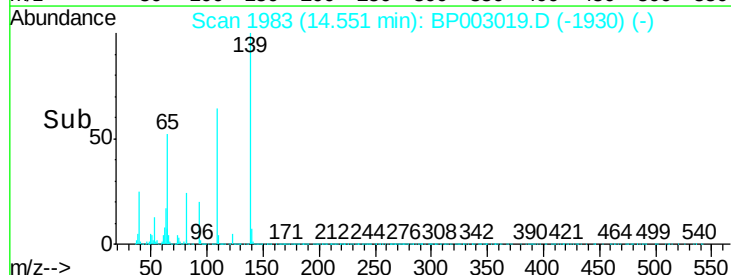
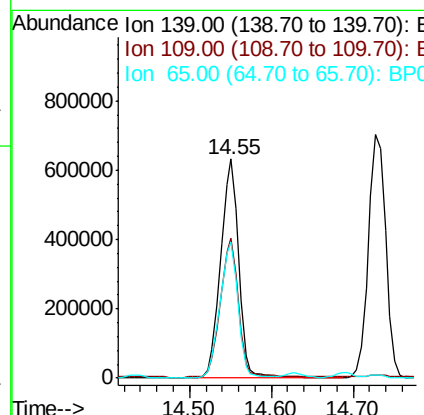
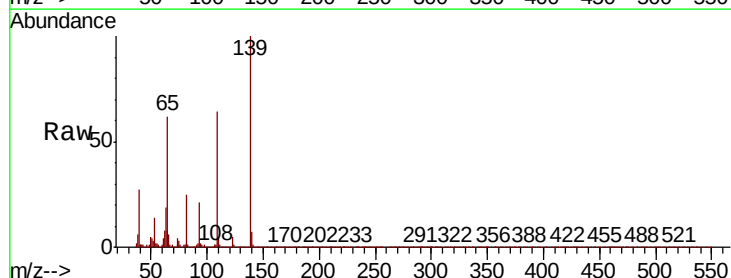
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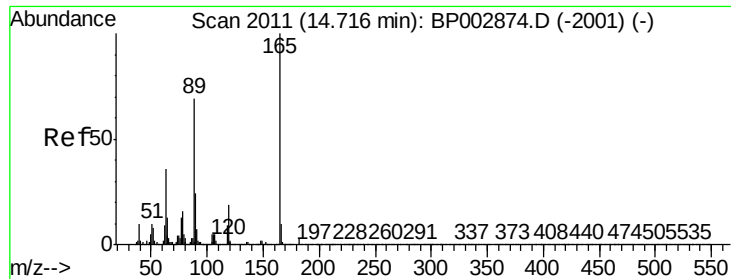
mohammad
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#56
4-Nitrophenol
Concen: 80.815 ng
RT: 14.55 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	64.2	41.1	81.1
65	62.0	44.4	84.4





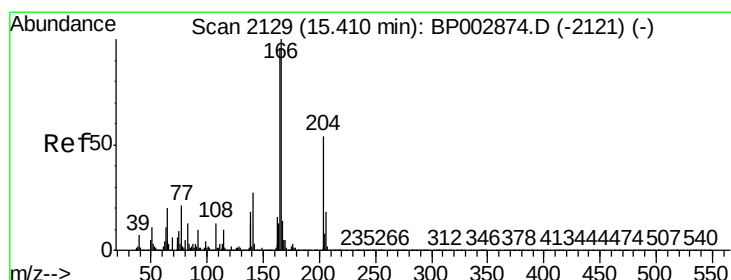
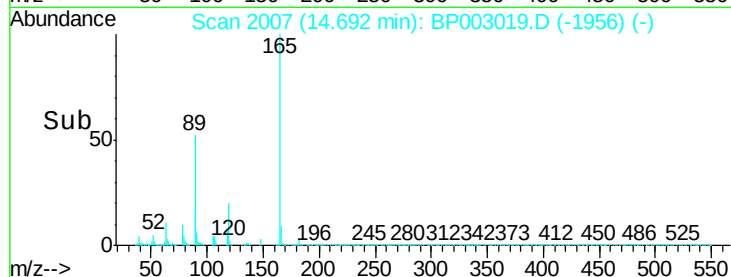
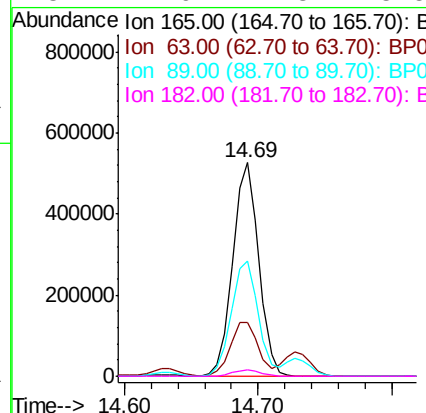
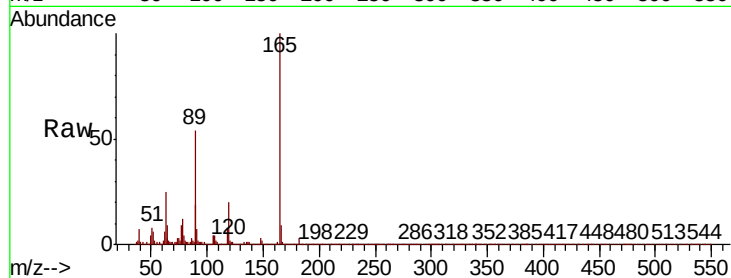
#57
2,4-Dinitrotoluene
Concen: 36.178 ng
RT: 14.69 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	25.0	20.6	31.0
89	53.8	43.4	65.0
182	2.9	2.3	3.5

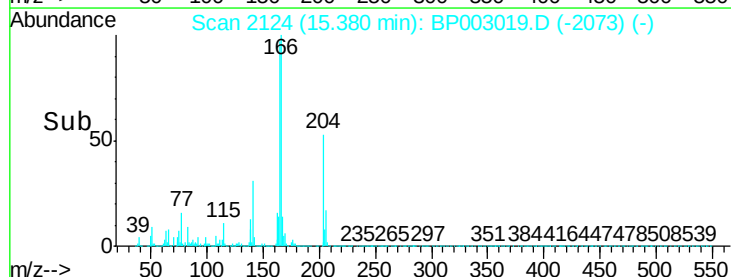
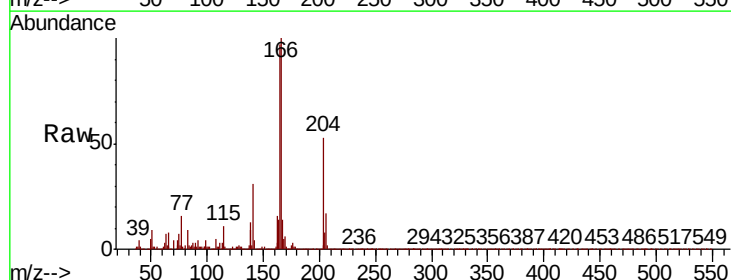
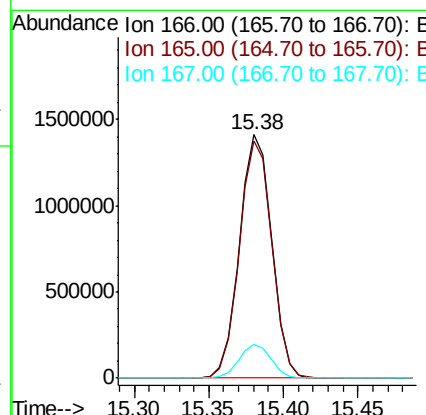
Manual Integrations
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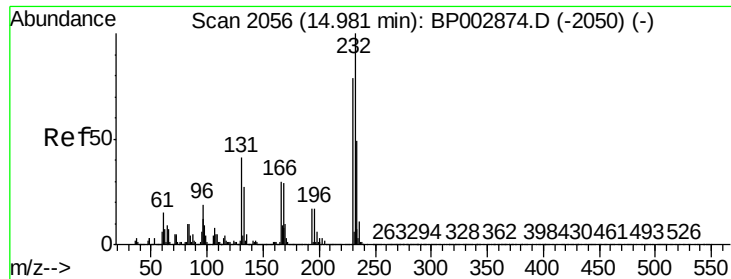
mohammad
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#58
Fluorene
Concen: 30.804 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.1	117.1
167	13.6	10.9	16.3





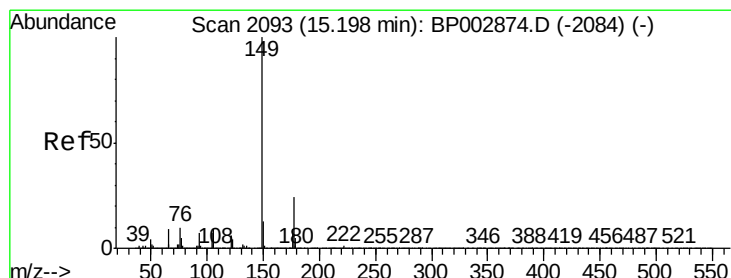
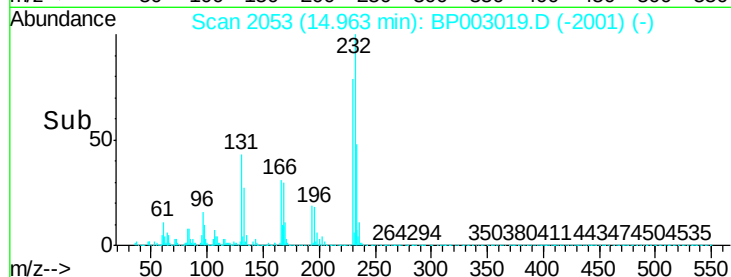
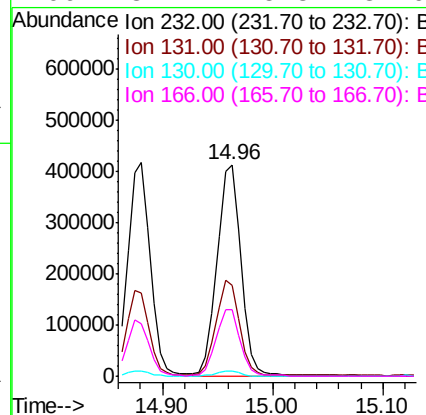
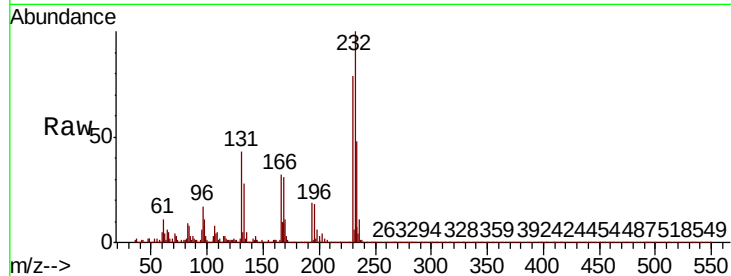
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.038 ng
 RT: 14.96 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	616798		
131	44.0		35.4	53.2
130	2.3		1.8	2.6
166	31.4		25.3	37.9

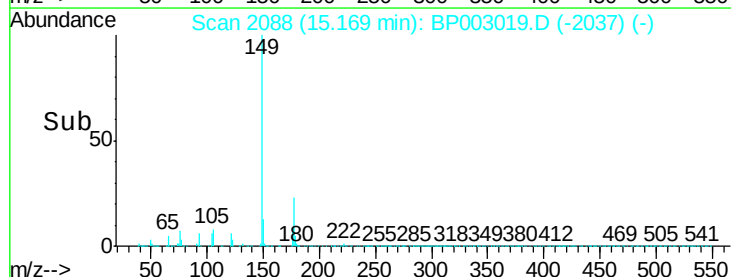
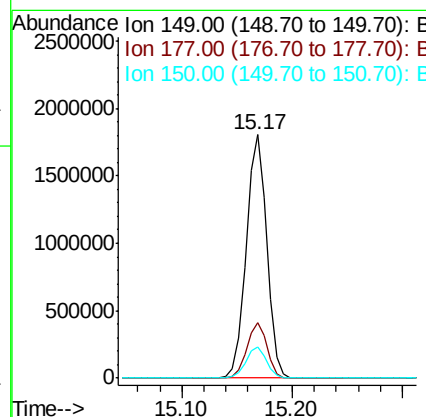
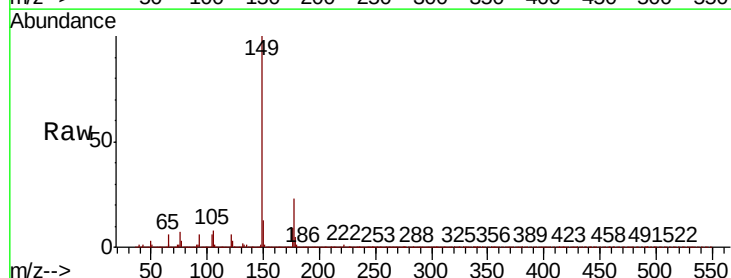
Manual Integrations
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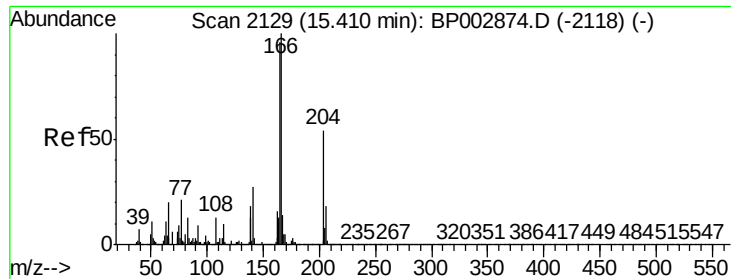
mohammad
 8/19/2020 2:25:06 PM



#60
 Diethylphthalate
 Concen: 35.234 ng
 RT: 15.17 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2351086		
177	22.9		18.6	27.8
150	12.7		10.2	15.4





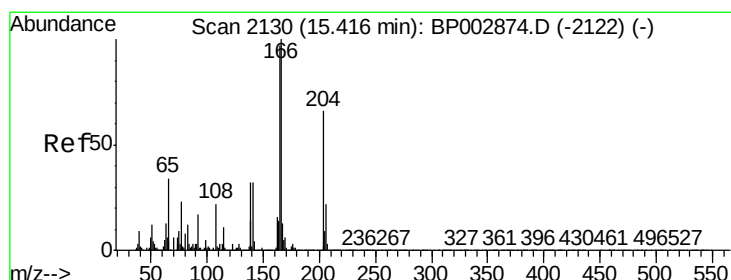
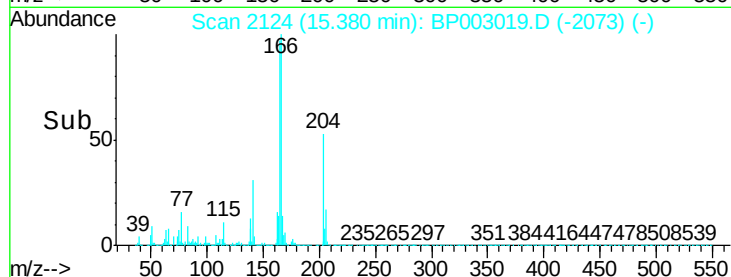
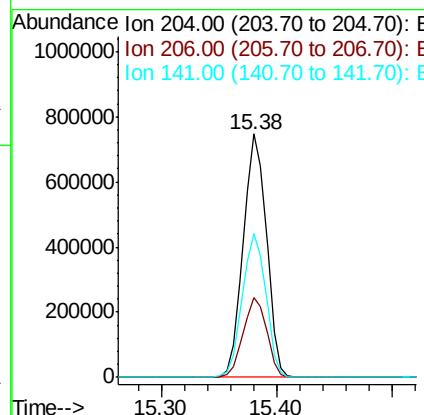
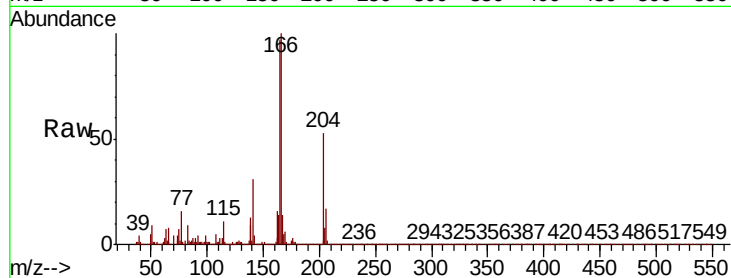
#61
4-Chlorophenyl-phenylether
Concen: 29.588 ng
RT: 15.38 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampled :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.2
141	59.1	45.9	68.9

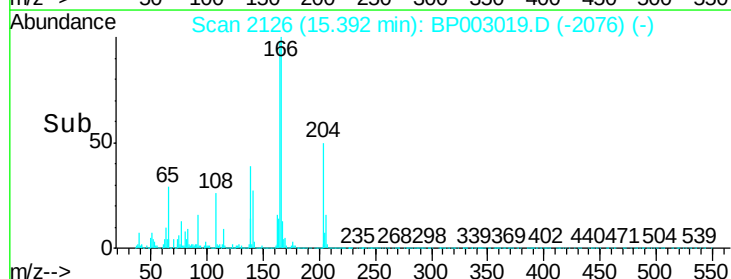
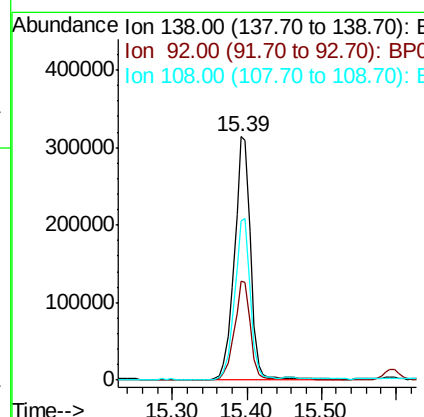
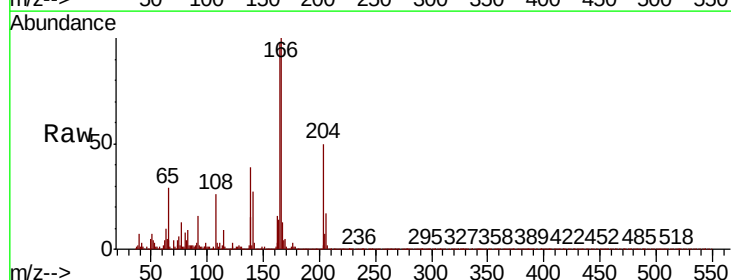
Manual Integrations
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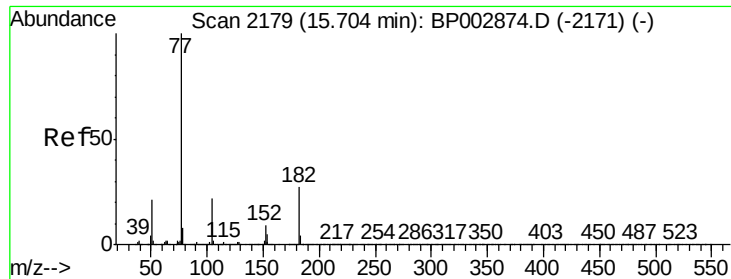
mohammad
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#62
4-Nitroaniline
Concen: 30.789 ng
RT: 15.39 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.7	21.4	61.4
108	65.2	40.8	80.8





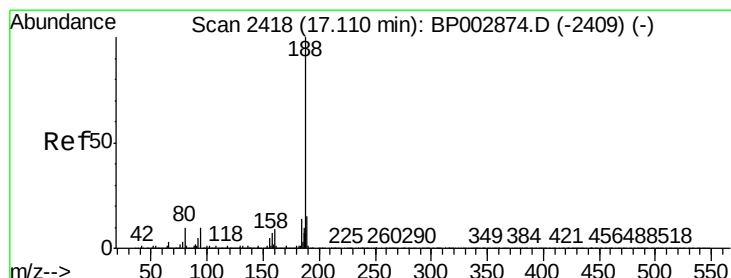
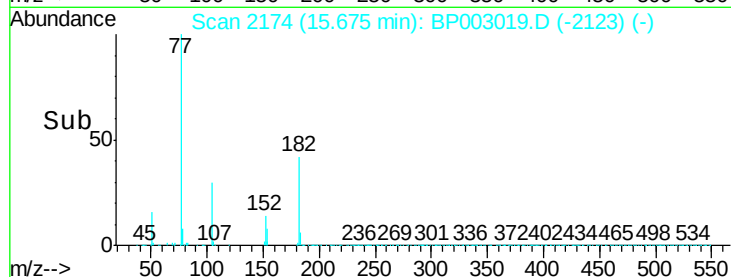
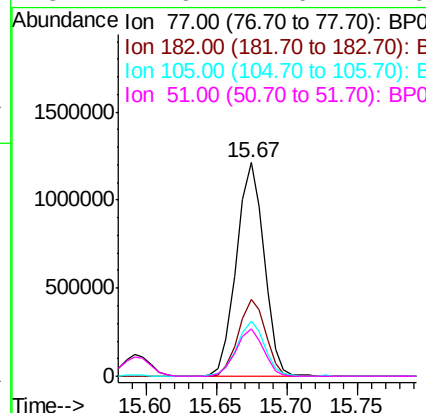
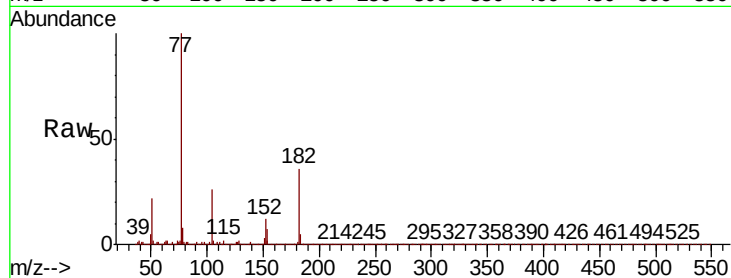
#63
Azobenzene
Concen: 24.515 ng
RT: 15.67 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	35.7	15.4	55.4	
105	25.6	5.8	45.8	
51	21.9	1.0	41.0	

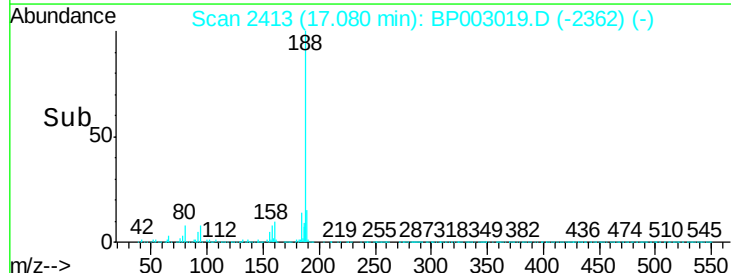
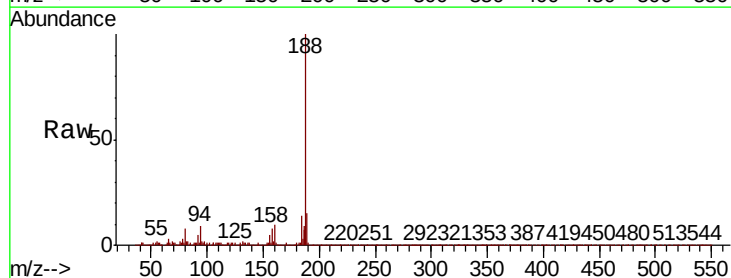
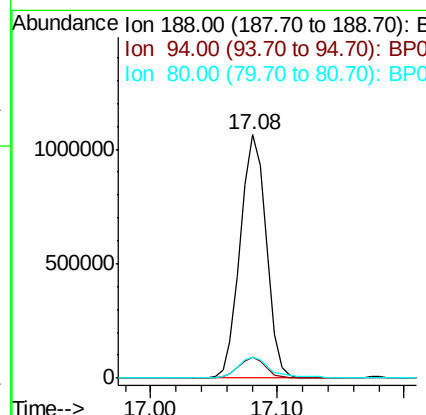
Manual Integrations
APPROVED

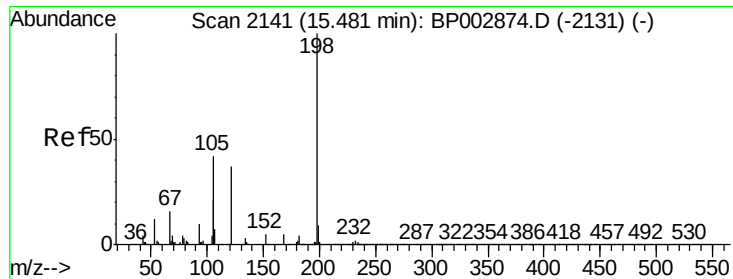
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.6	7.1	10.7	
80	8.5	6.7	10.1	





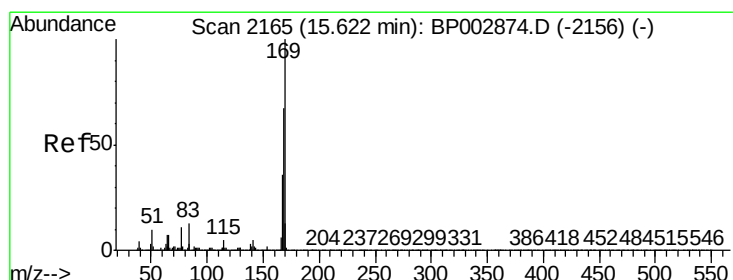
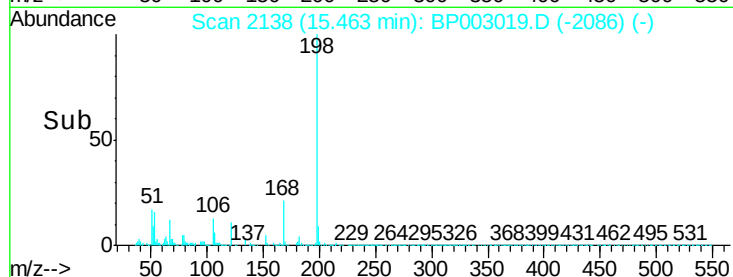
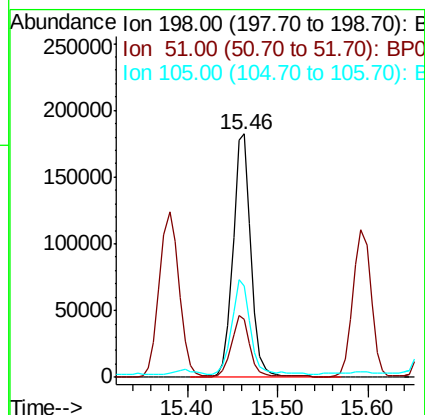
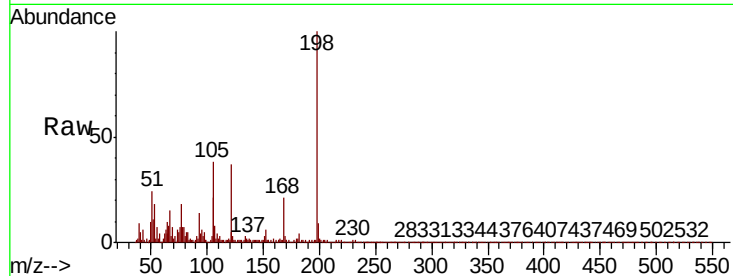
#65
4,6-Dinitro-2-methylphenol
Concen: 34.330 ng
RT: 15.46 min Scan# 2138
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	251130		
51	24.0	6.2	46.2	
105	37.7	19.9	59.9	

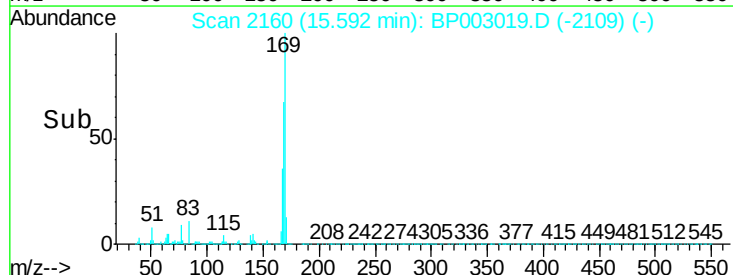
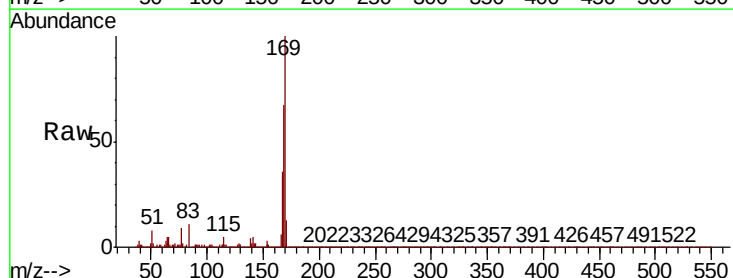
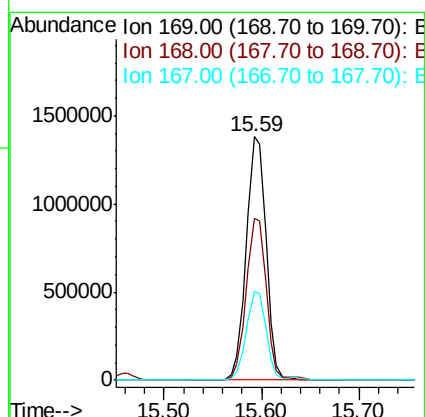
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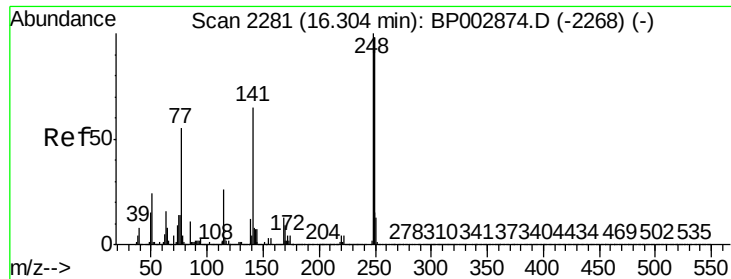
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#66
n-Nitrosodiphenylamine
Concen: 39.434 ng
RT: 15.59 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1964987		
168	66.6	53.4	80.2	
167	36.5	28.8	43.2	





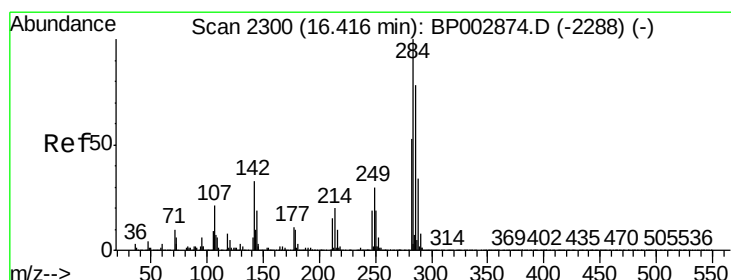
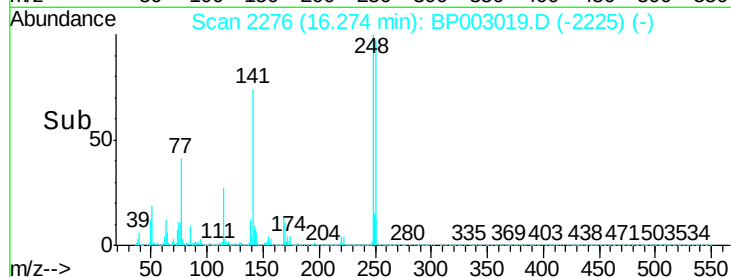
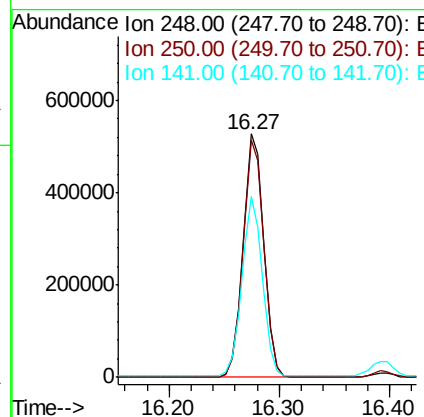
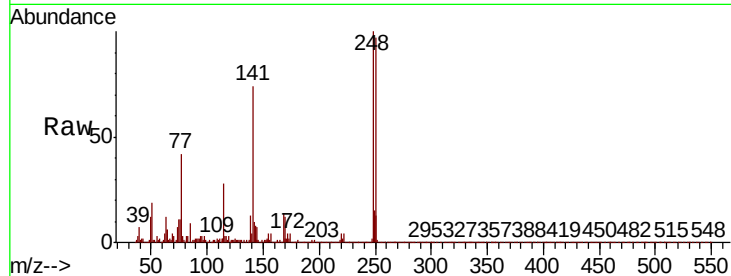
#67
4-Bromophenyl-phenylether
Concen: 37.889 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.7	118.1
141	74.3	57.8	86.6

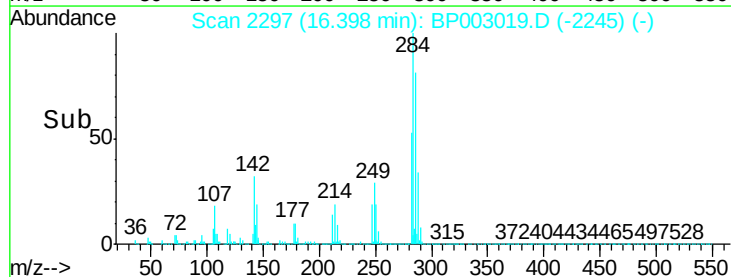
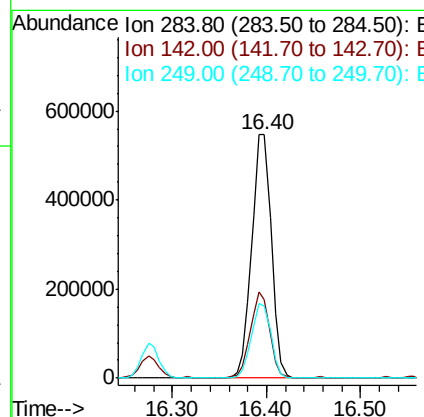
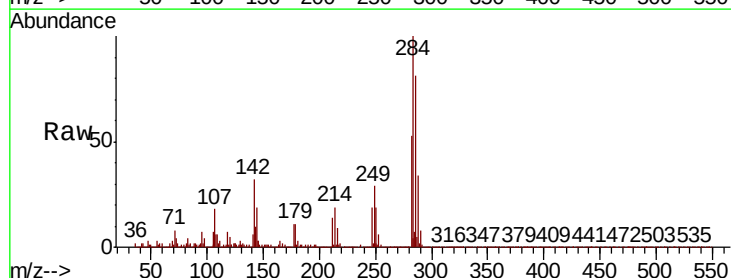
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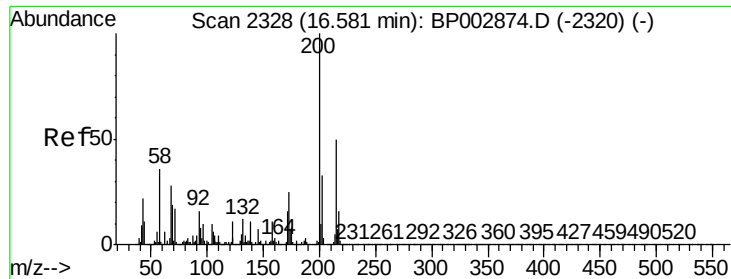
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#68
Hexachlorobenzene
Concen: 37.504 ng
RT: 16.40 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.0	27.6	41.4
249	29.5	24.6	37.0





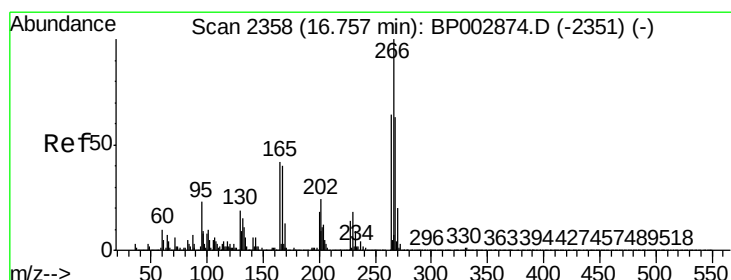
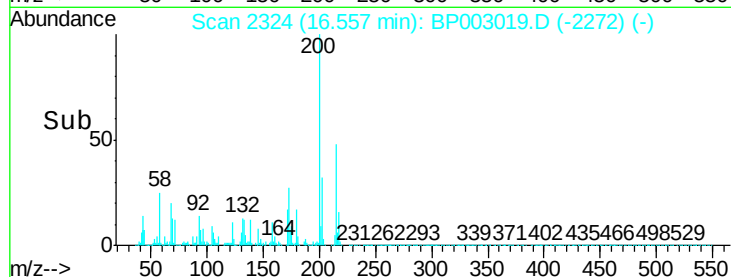
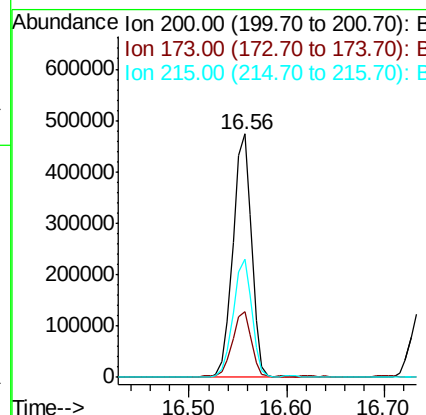
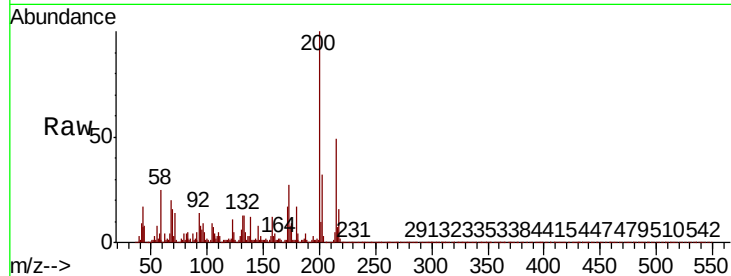
#69
Atrazine
Concen: 36.917 ng
RT: 16.56 min Scan# 2324
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	7.5	47.5
215	48.6	27.6	67.6

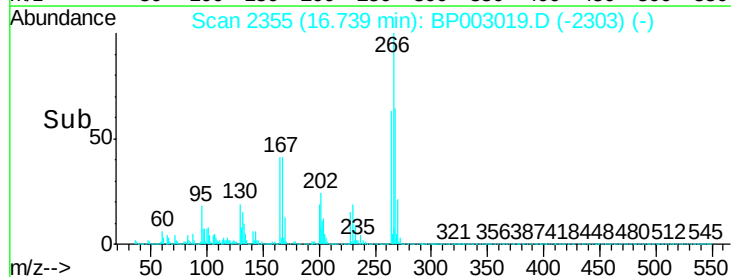
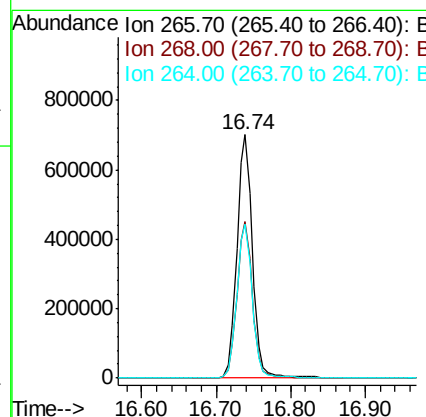
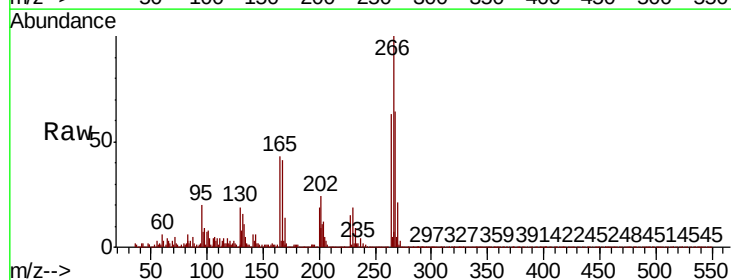
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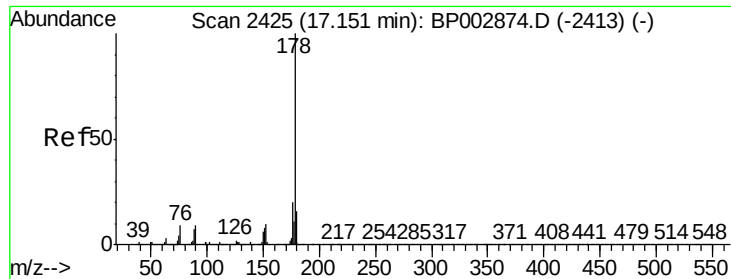
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#70
Pentachlorophenol
Concen: 93.237 ng
RT: 16.74 min Scan# 2355
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	50.9	76.3
264	63.3	50.4	75.6





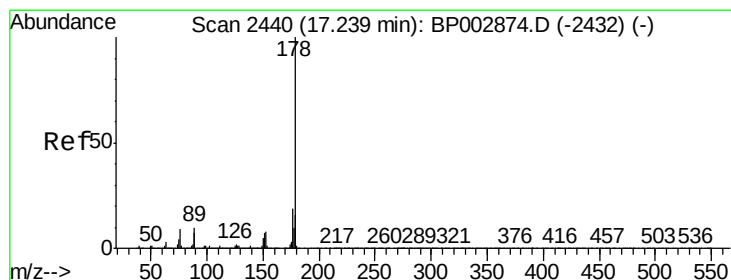
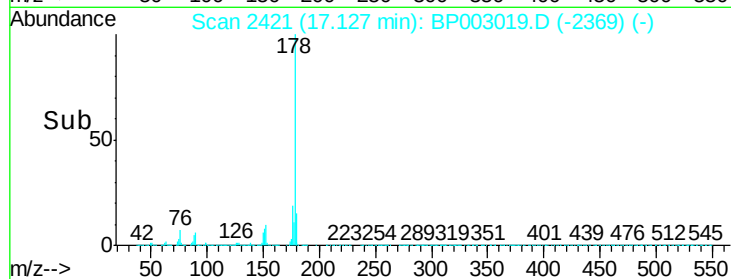
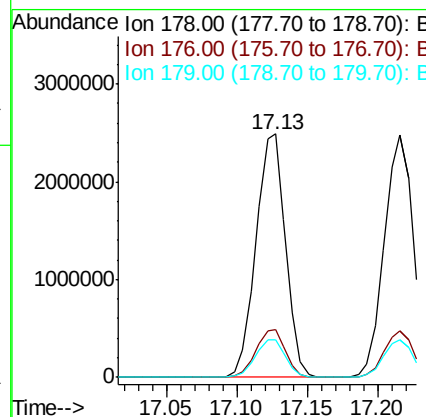
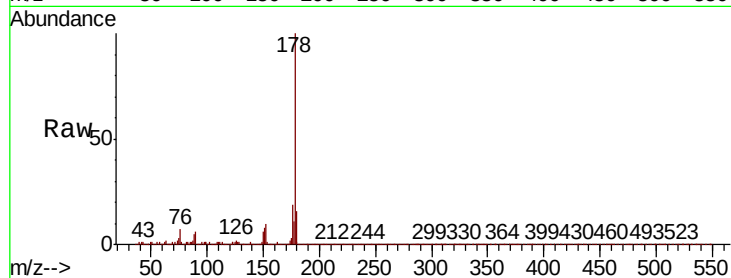
#71
Phenanthrene
Concen: 41.441 ng
RT: 17.13 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.6	12.9	19.3

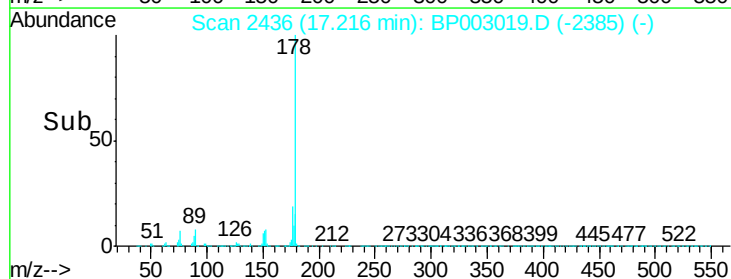
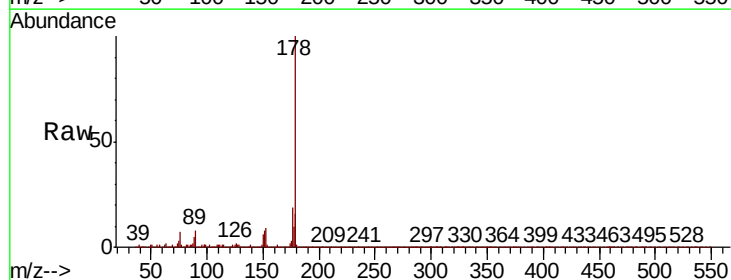
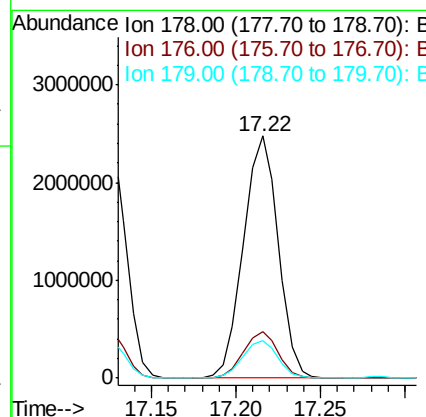
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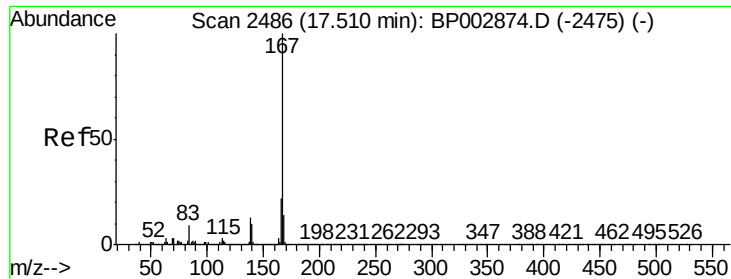
mohammad
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#72
Anthracene
Concen: 41.071 ng
RT: 17.22 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.6	12.7	19.1





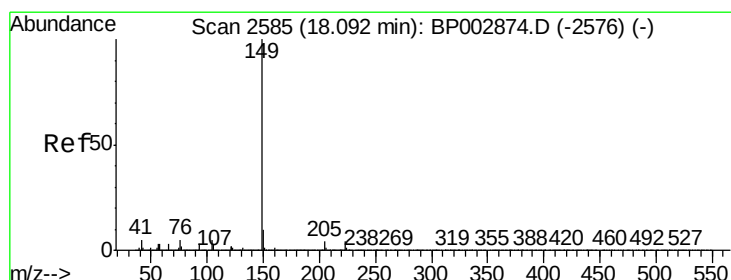
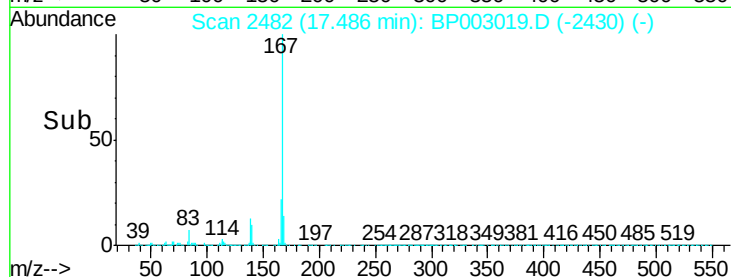
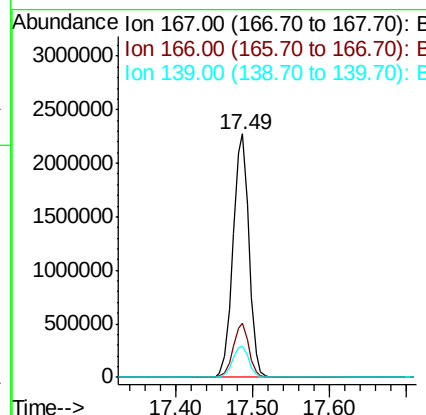
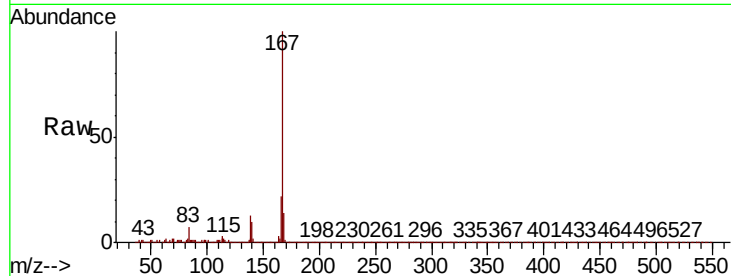
#73
 Carbazole
 Concen: 38.854 ng
 RT: 17.49 min Scan# 2482
 Delta R.T. 0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	13.0	10.6	16.0

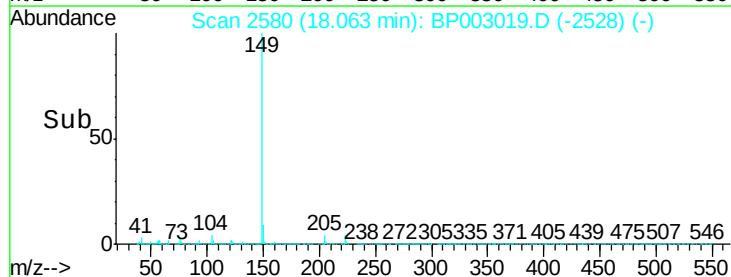
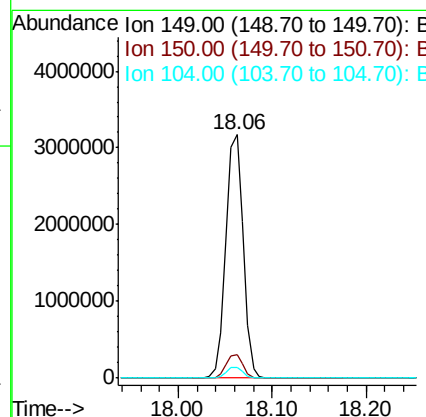
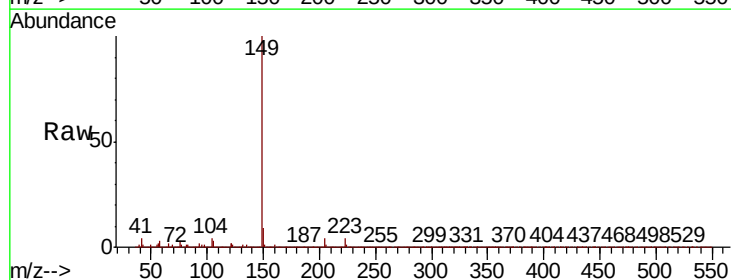
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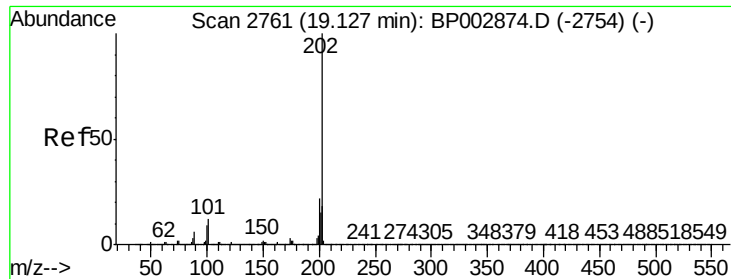
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#74
 Di-n-butylphthalate
 Concen: 46.015 ng
 RT: 18.06 min Scan# 2580
 Delta R.T. 0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.2	3.5	5.3





#75

Fluoranthene

Concen: 44.537 ng

RT: 19.10 min Scan# 2757

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

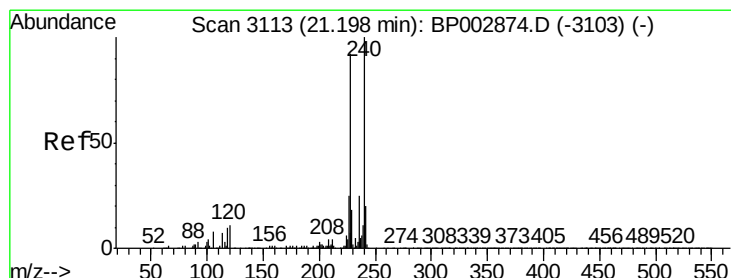
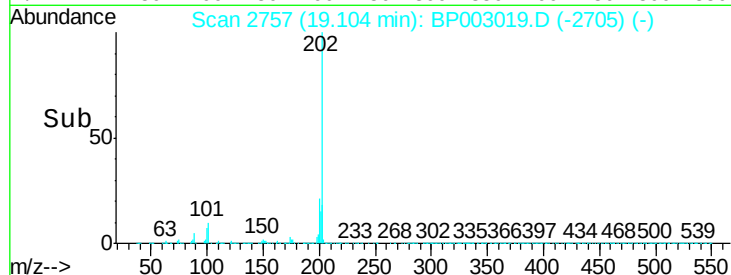
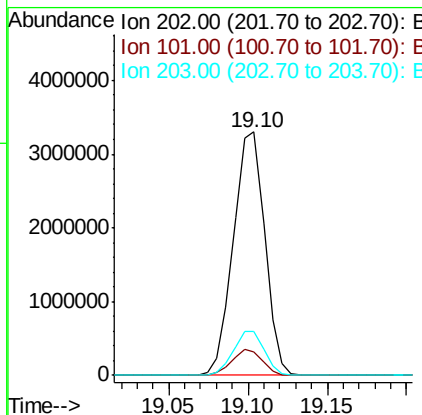
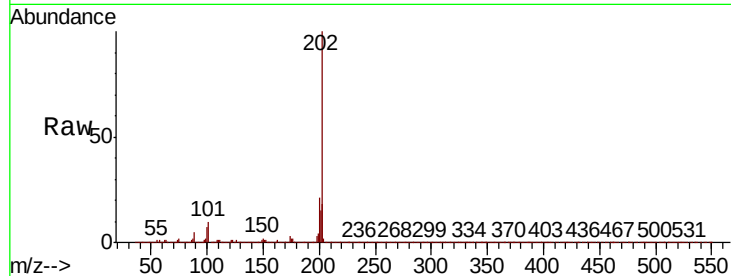
ClientSampleId :

V-23615MSD

Tot Ion:	202	Resp:	4527260
Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	31.2
203	18.0	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

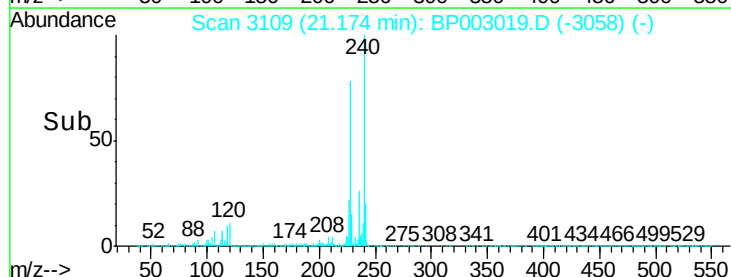
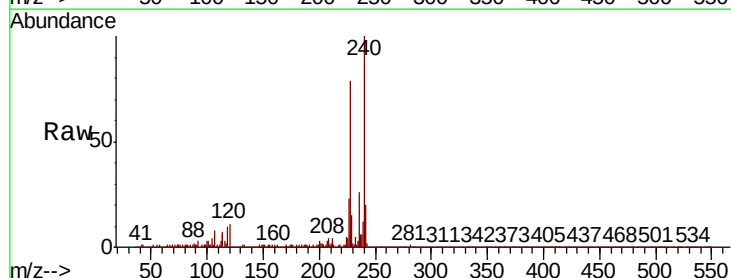
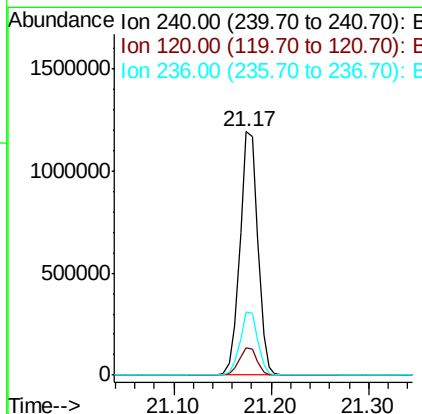
RT: 21.17 min Scan# 3109

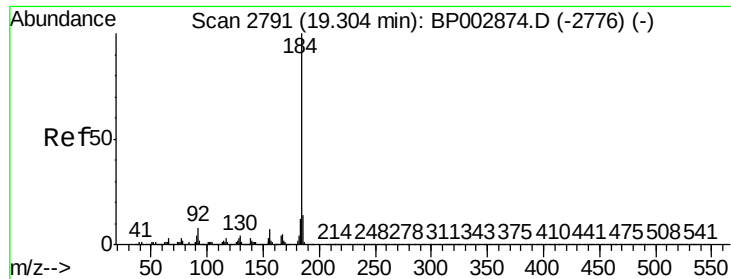
Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Tgt Ion:	240	Resp:	1514236
Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	25.7	20.8	31.2





#77

Benzidine

Concen: 69.025 ng

RT: 19.28 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:184 Resp: 3187206

Ion Ratio Lower Upper

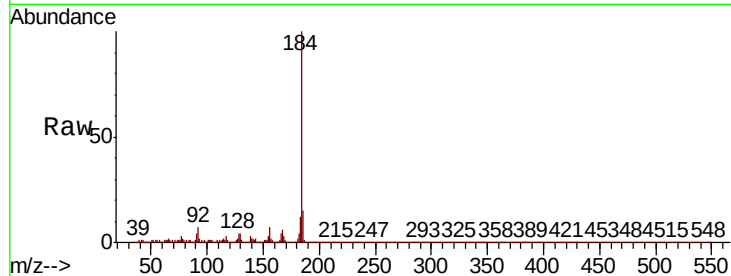
184 100

185 14.7 11.5 17.3

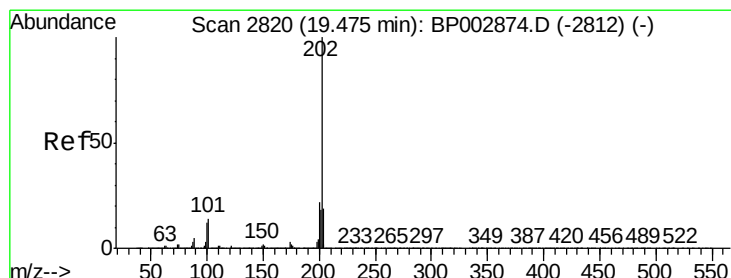
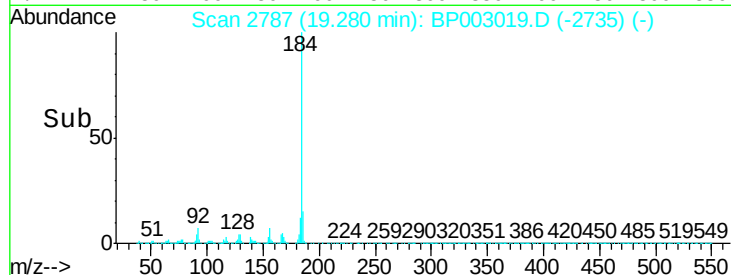
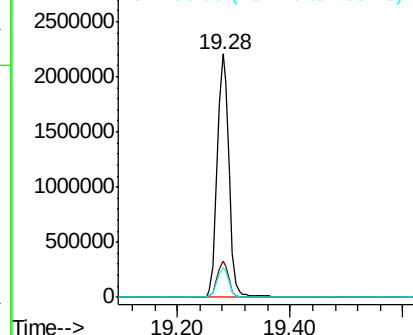
183 12.2 9.4 14.0

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Abundance Ion 184.00 (183.70 to 184.70): E
3000000
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.157 ng

RT: 19.45 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

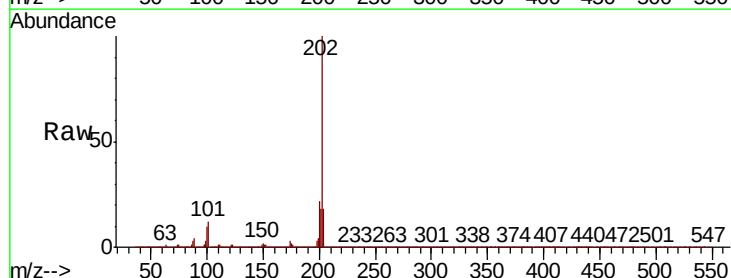
Tgt Ion:202 Resp: 4568414

Ion Ratio Lower Upper

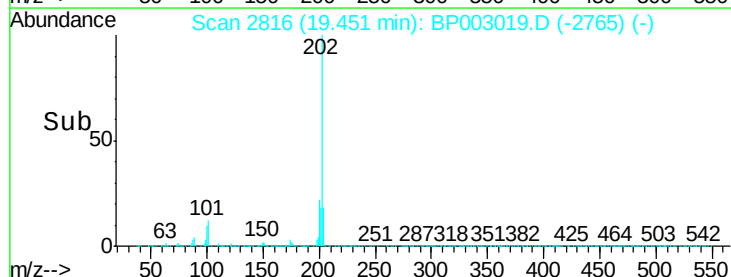
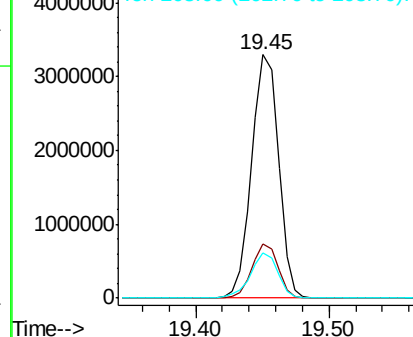
202 100

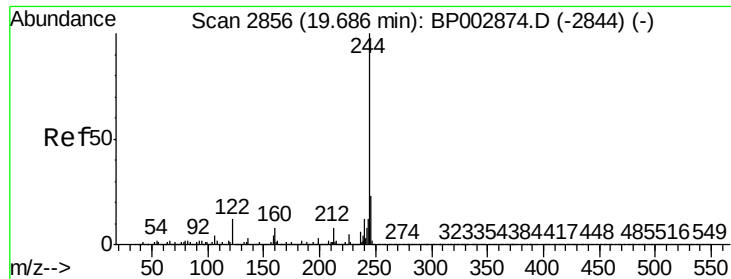
200 22.0 17.8 26.6

203 18.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
4000000
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 47.573 ng

RT: 19.66 min Scan# 2851

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

Instrument :

BNA_P

ClientSampleId :

V-23615MSD

Tot Ion:244 Resp: 3598301

Ion Ratio Lower Upper

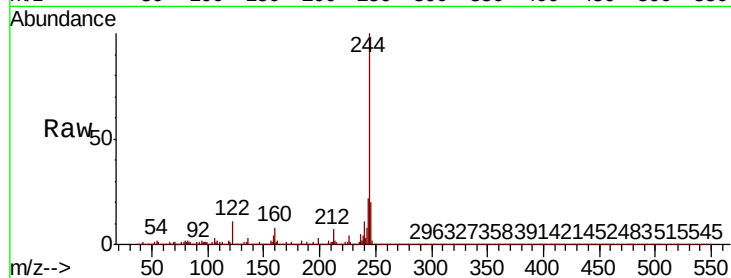
244 100

212 7.5 6.3 9.5

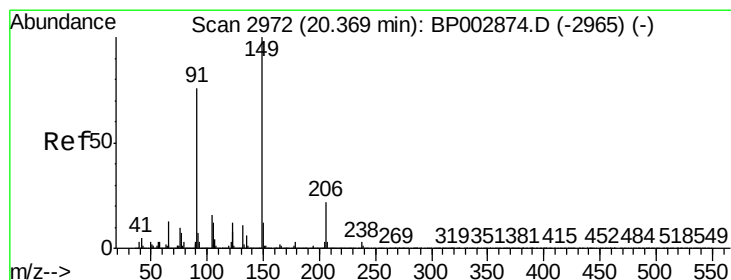
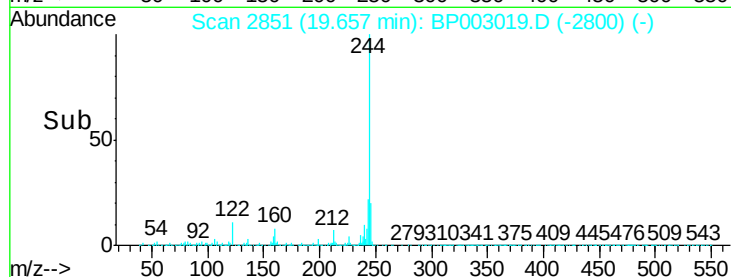
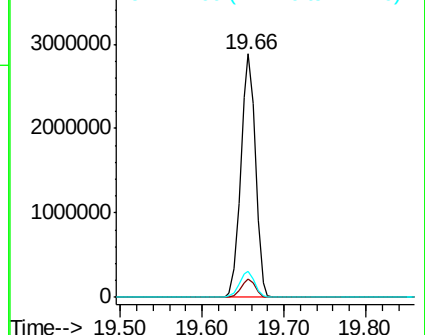
122 10.6 8.7 13.1

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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: 47.034 ng

RT: 20.34 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BP003019.D

Acq: 18 Aug 2020 16:15

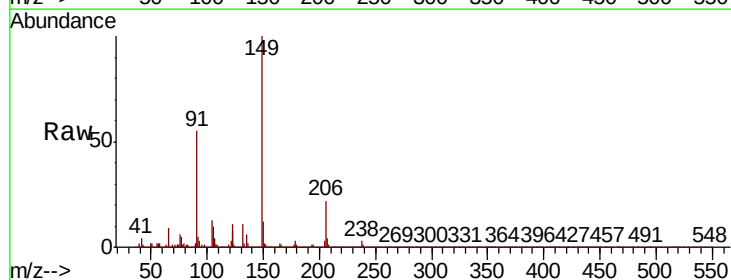
Tgt Ion:149 Resp: 2019652

Ion Ratio Lower Upper

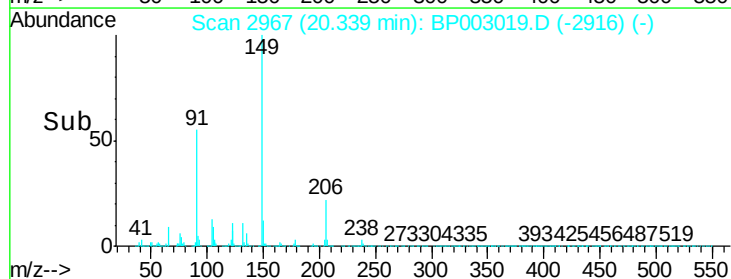
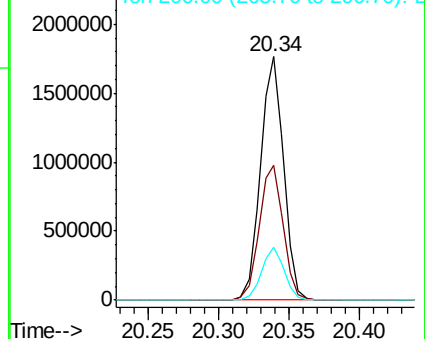
149 100

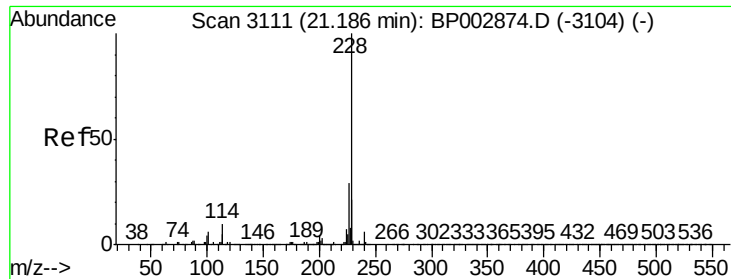
91 55.3 45.3 67.9

206 21.6 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





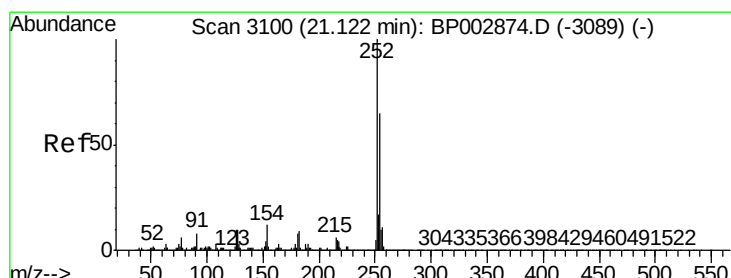
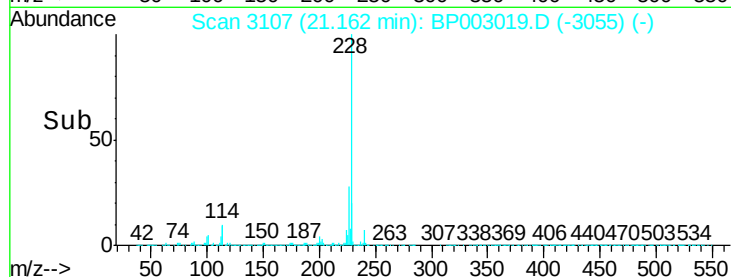
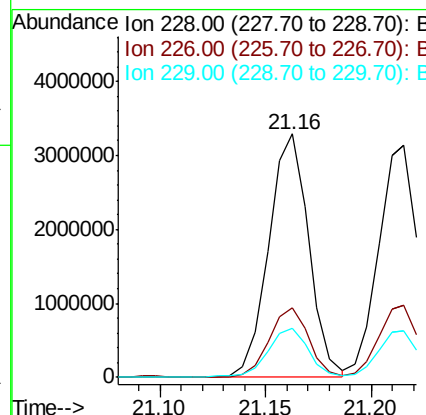
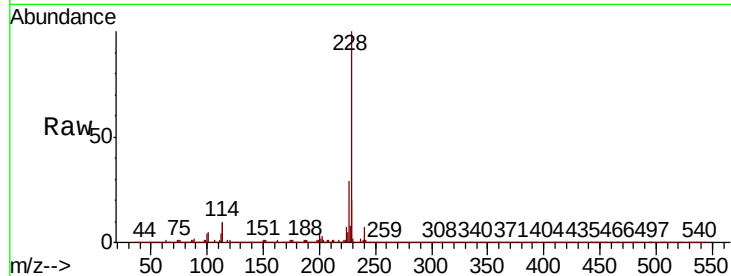
#81
Benzo(a)anthracene
Concen: 41.960 ng
RT: 21.16 min Scan# 3107
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	20.4	16.5	24.7

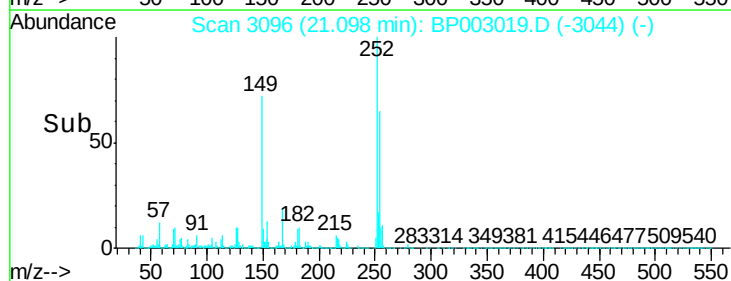
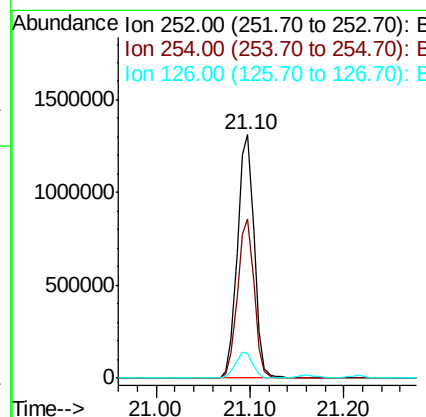
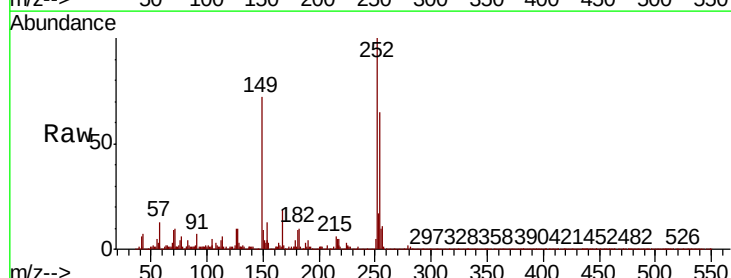
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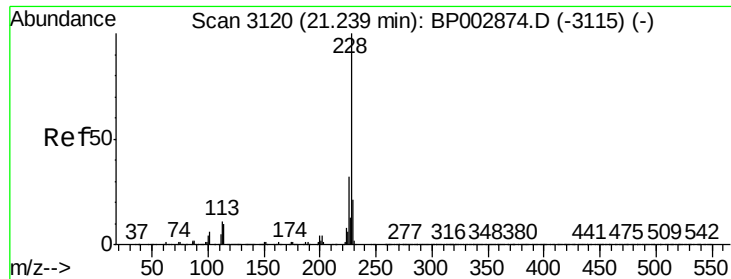
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#82
3,3'-Dichlorobenzidine
Concen: 39.629 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.8	77.6
126	10.2	9.4	14.0





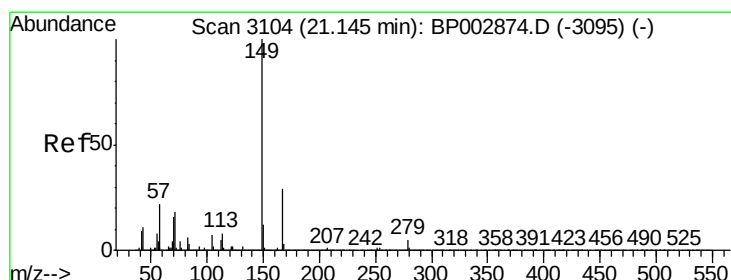
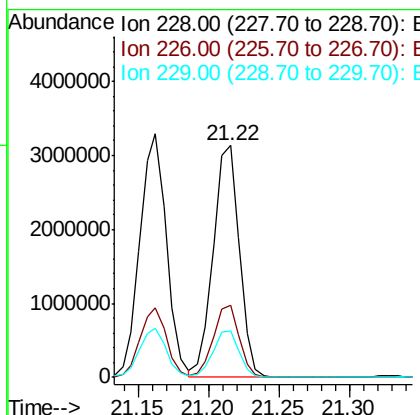
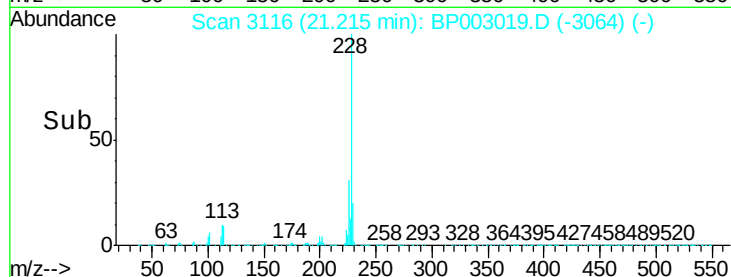
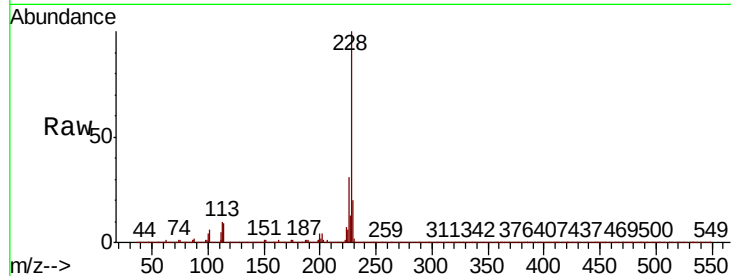
#83
 Chrysene
 Concen: 41.414 ng
 RT: 21.22 min Scan# 3116
 Delta R.T. 0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Tot Ion:	228	Resp:	4029346
Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.3	16.3	24.5

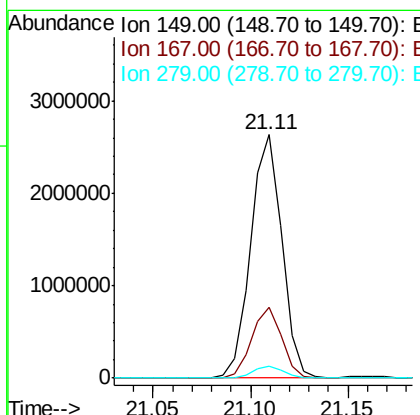
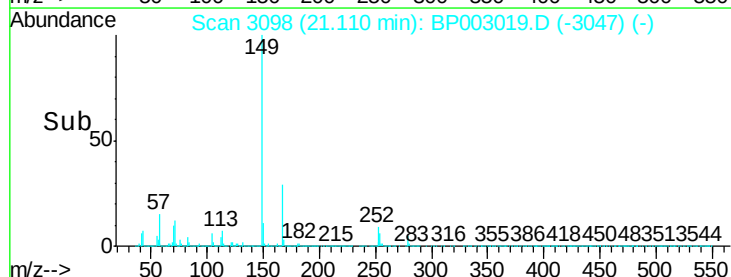
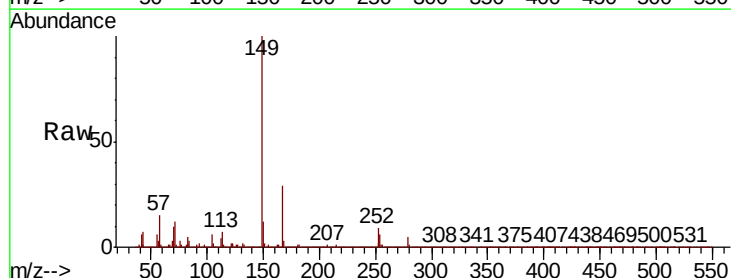
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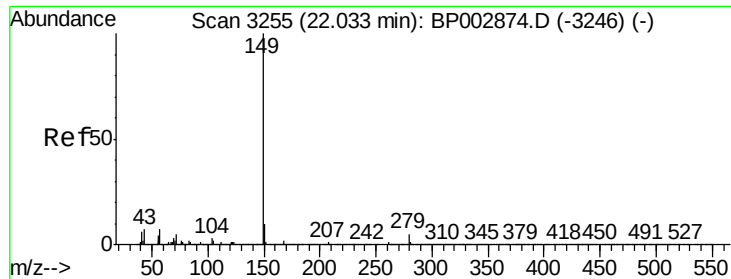
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.388 ng
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.00 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion:	149	Resp:	2893381
Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.9	34.3
279	5.2	3.8	5.8





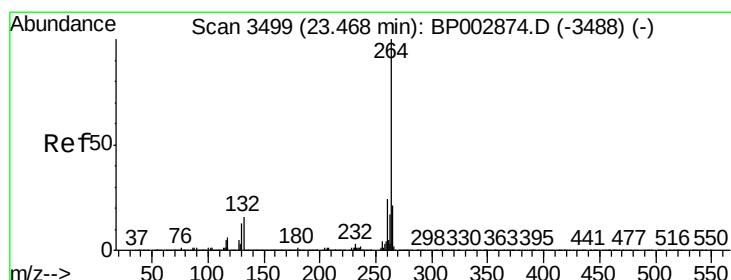
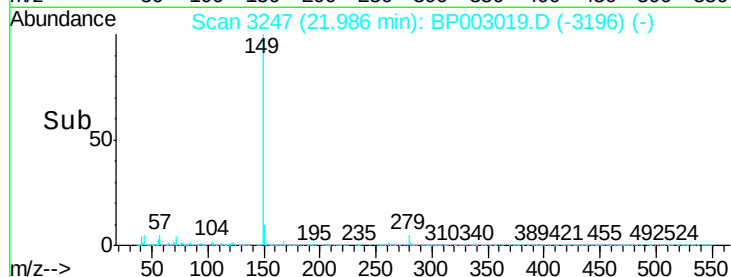
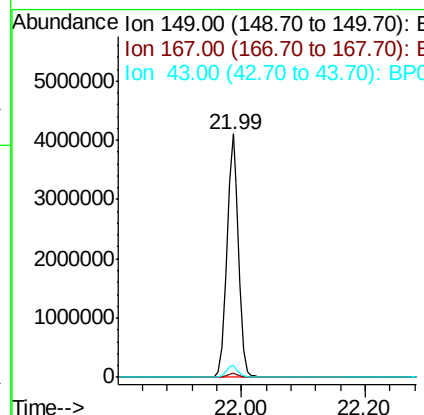
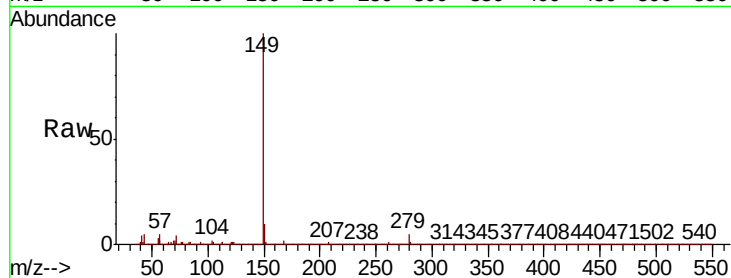
#85
Di-n-octyl phthalate
Concen: 55.756 ng
RT: 21.99 min Scan# 3247
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampled :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	4.9	4.0	6.0

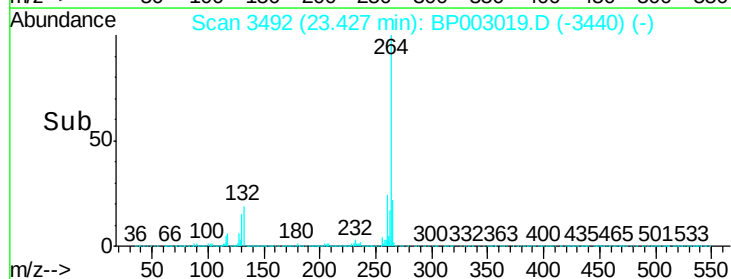
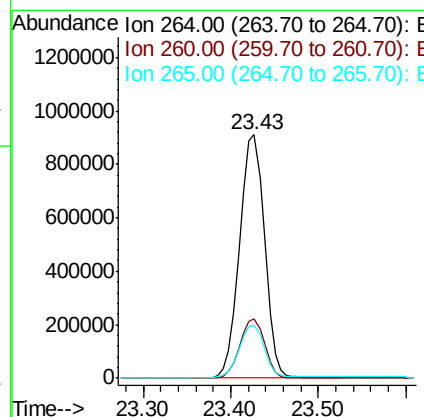
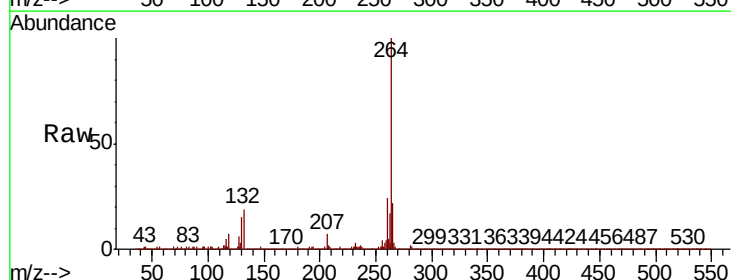
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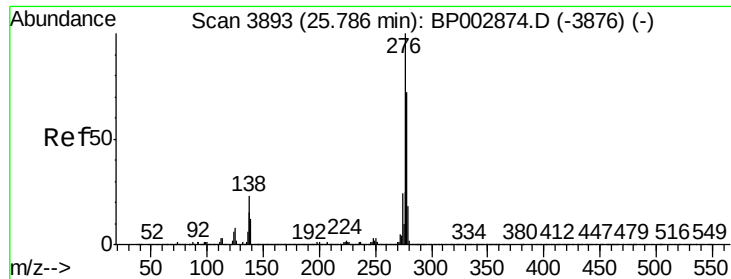
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.3	25.9





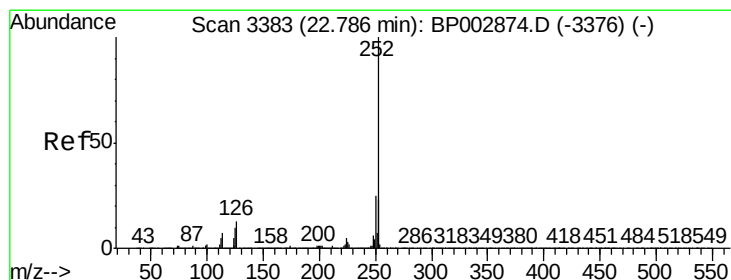
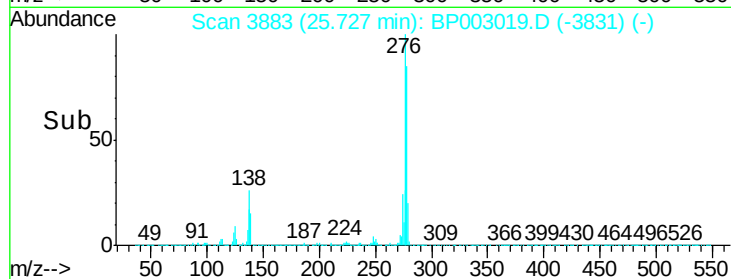
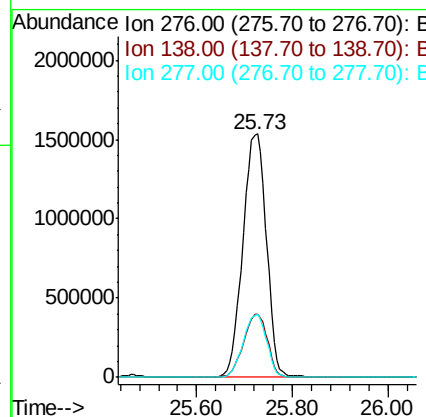
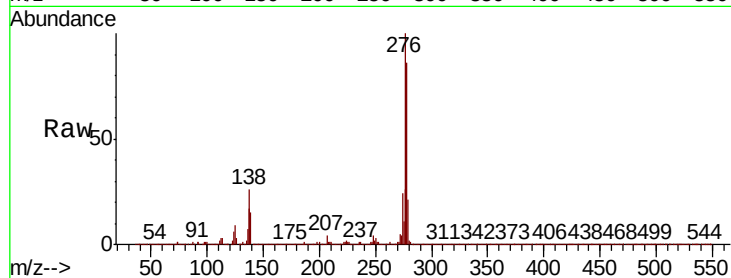
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.470 ng
 RT: 25.73 min Scan# 3883
 Delta R.T. 0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Instrument :
 BNA_P
 ClientSampleId :
 V-23615MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.2	33.2
277	25.4	20.4	30.6

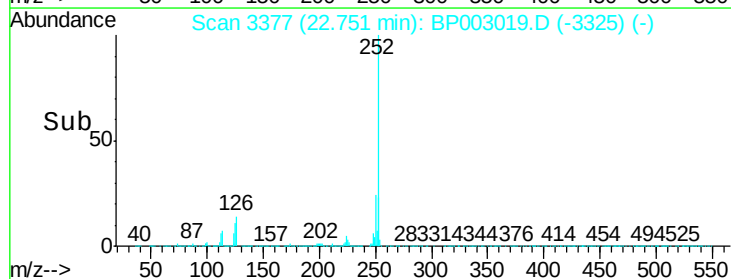
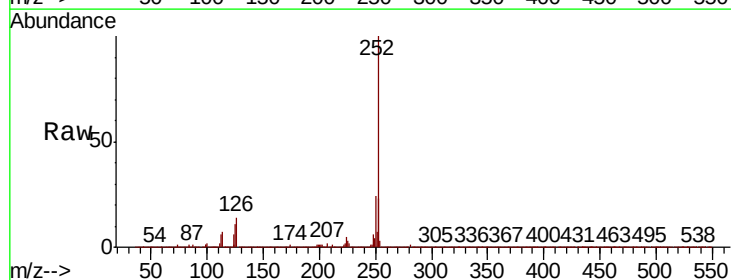
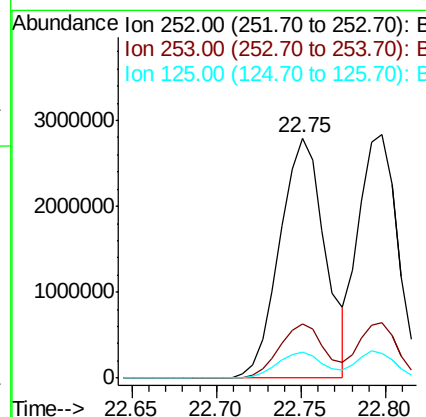
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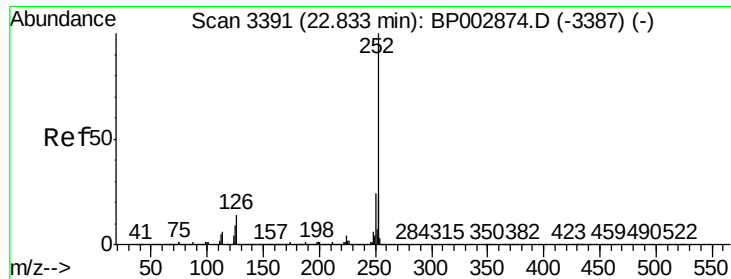
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#88
 Benzo(b)fluoranthene
 Concen: 42.082 ng
 RT: 22.75 min Scan# 3377
 Delta R.T. 0.01 min
 Lab File: BP003019.D
 Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.7	9.4	14.2





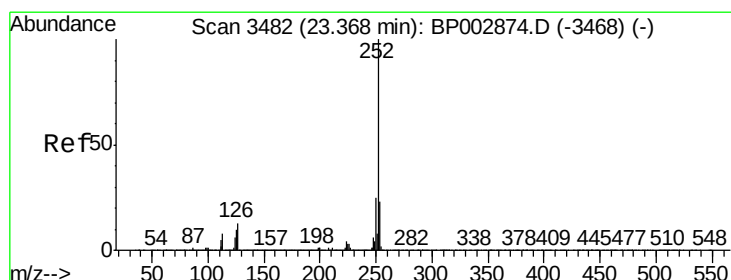
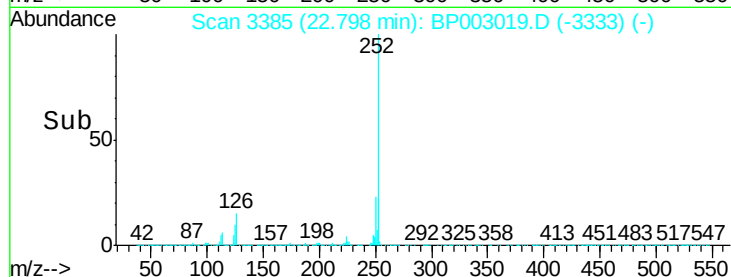
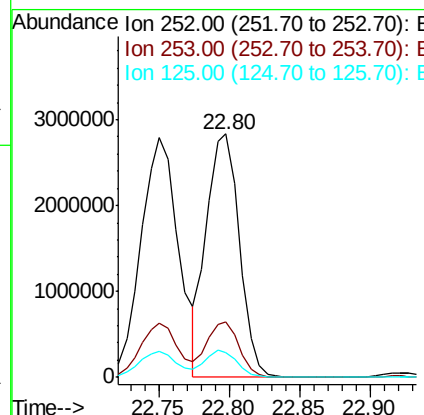
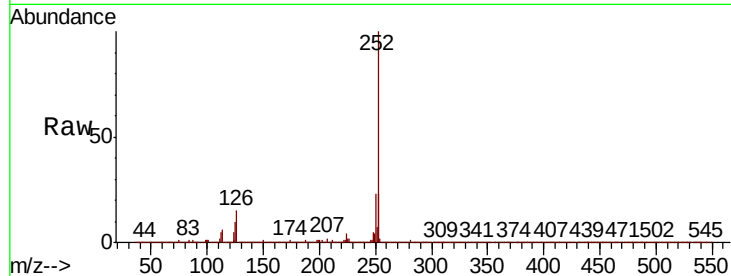
#89
Benzo(k)fluoranthene
Concen: 39.275 ng
RT: 22.80 min Scan# 3385
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	10.4	9.3	13.9

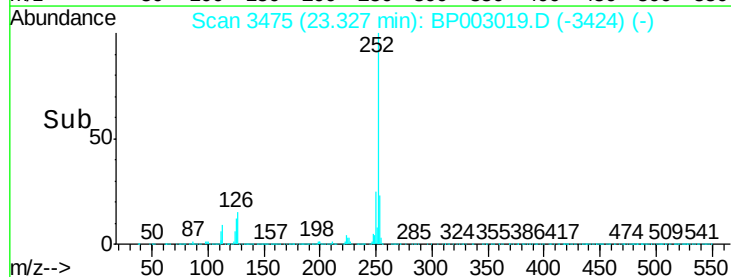
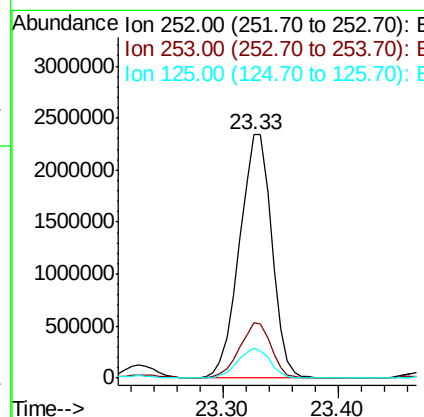
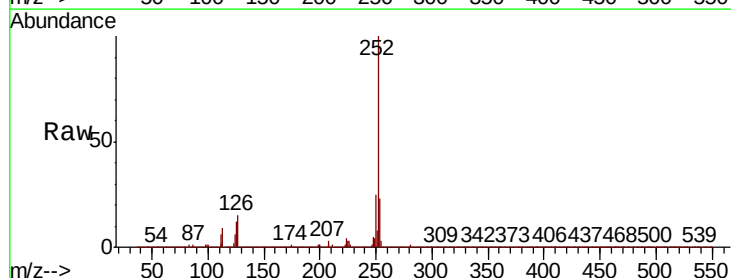
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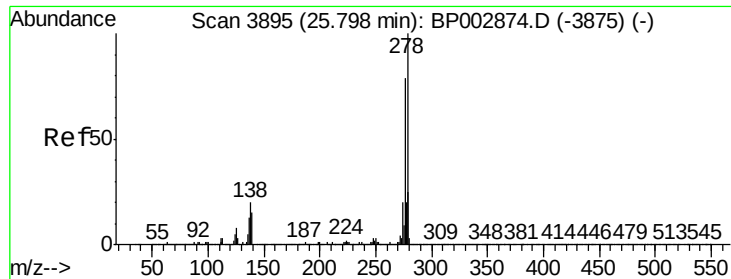
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#90
Benzo(a)pyrene
Concen: 40.668 ng
RT: 23.33 min Scan# 3475
Delta R.T. -0.00 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	12.2	9.9	14.9





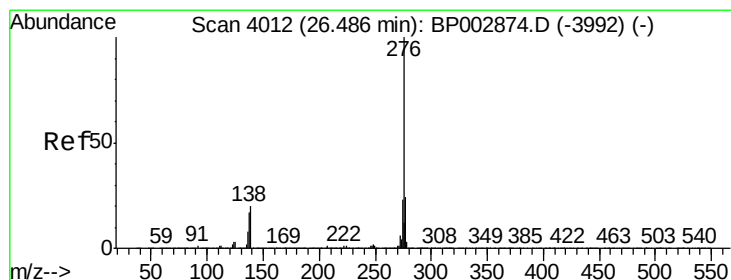
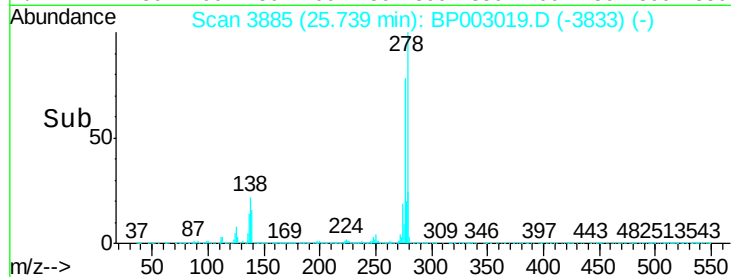
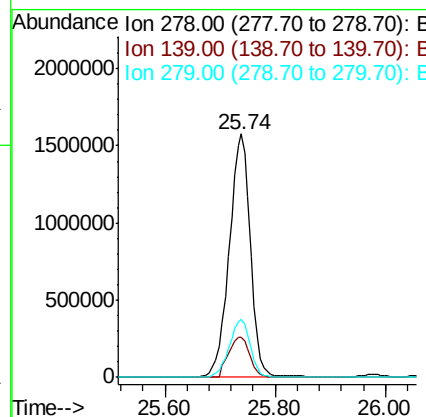
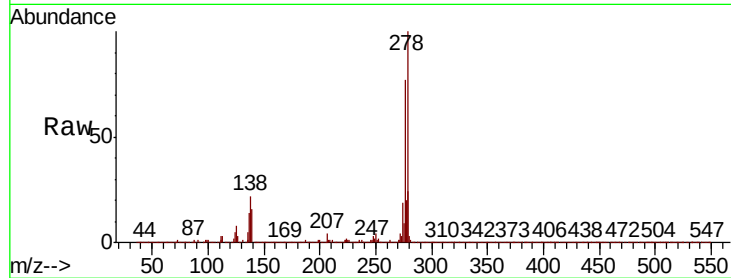
#91
Dibenzo(a,h)anthracene
Concen: 35.273 ng
RT: 25.74 min Scan# 3885
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Instrument :
BNA_P
ClientSampleId :
V-23615MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	14.2	21.4
279	24.0	19.3	28.9

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#92
Benzo(g,h,i)perylene
Concen: 39.522 ng
RT: 26.43 min Scan# 4002
Delta R.T. 0.01 min
Lab File: BP003019.D
Acq: 18 Aug 2020 16:15

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	22.9	19.3	28.9

