

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000643.D
 Acq On : 11 Oct 2019 19:58
 Operator : JU
 Sample : K5298-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-10MSD

Manual Integrations
 APPROVED

mohammad
 10/16/2019 8:03:53 AM

Quant Time: Oct 11 23:59:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	253710	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	920062	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	523760	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	974323	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	739065	20.00	ng	0.00
87) Perylene-d12	15.45	264	854585	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	2023986	128.23	ng	-0.01
7) Phenol-d6	6.40	99	2600513	136.73	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1463211	97.13	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	788967	141.36	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	2963497	91.55	ng	-0.01
79) Terphenyl-d14	12.90	244	3509631	96.15	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	242143	38.418	ng	98
3) Pyridine	3.21	79	618915	35.940	ng	100
4) n-Nitrosodimethylamine	3.15	42	215007	44.369	ng	98
6) Aniline	6.41	93	518357	22.433	ng	# 1
8) 2-Chlorophenol	6.54	128	713376	45.797	ng	99
9) Benzaldehyde	6.29	77	391216	39.489	ng	98
10) Phenol	6.41	94	915562	47.015	ng	99
11) bis(2-Chloroethyl)ether	6.49	93	676638	45.163	ng	99
12) 1,3-Dichlorobenzene	6.69	146	787007	41.679	ng	97
13) 1,4-Dichlorobenzene	6.77	146	808831	42.569	ng	98
14) 1,2-Dichlorobenzene	6.92	146	747959	42.637	ng	99
15) Benzyl Alcohol	6.89	79	559815	45.576	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	613953	44.426	ng	97
17) 2-Methylphenol	7.01	107	591746	45.966	ng	98
18) Hexachloroethane	7.26	117	276302	40.859	ng	99
19) n-Nitroso-di-n-propylamine	7.17	70	400223	45.652	ng	97
20) 3+4-Methylphenols	7.16	107	723930	48.058	ng	89
22) Acetophenone	7.16	105	961739	45.238	ng	98
24) Nitrobenzene	7.33	77	683602	47.051	ng	100
25) Isophorone	7.57	82	1293913	48.396	ng	99
26) 2-Nitrophenol	7.65	139	386865	50.633	ng	96
27) 2,4-Dimethylphenol	7.69	122	643729	54.963	ng	100
28) bis(2-Chloroethoxy)methane	7.79	93	852753	46.933	ng	100
29) 2,4-Dichlorophenol	7.90	162	657444	49.645	ng	100
30) 1,2,4-Trichlorobenzene	7.97	180	698780	44.930	ng	99
31) Naphthalene	8.06	128	2037464	47.416	ng	99
32) Benzoic acid	7.83	122	366251	49.524	ng	99
33) 4-Chloroaniline	8.10	127	199839	10.592	ng	100
34) Hexachlorobutadiene	8.18	225	405042	43.094	ng	97
35) Caprolactam	8.47	113	221870m	50.021	ng	
36) 4-Chloro-3-methylphenol	8.60	107	658433	50.765	ng	96
37) 2-Methylnaphthalene	8.75	142	1422027	49.297	ng	99
38) 1-Methylnaphthalene	8.85	142	1328382	48.737	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	710860	42.880	ng	99

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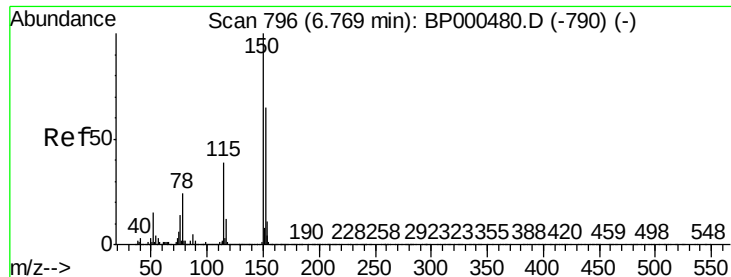
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	464995	70.980	nq	100
43) 2,4,6-Trichlorophenol	9.03	196	465004	45.567	nq	98
44) 2,4,5-Trichlorophenol	9.08	196	503276	47.766	nq	98
46) 1,1'-Biphenyl	9.22	154	1747948	44.213	nq	98
47) 2-Chloronaphthalene	9.25	162	1368354	44.760	nq	100
48) 2-Nitroaniline	9.34	65	335324	45.307	nq	94
49) Acenaphthylene	9.66	152	2186515	47.407	nq	99
50) Dimethylphthalate	9.53	163	2143527	58.899	nq	100
51) 2,6-Dinitrotoluene	9.59	165	381925	48.124	nq	95
52) Acenaphthene	9.83	154	1262239	45.116	nq	100
53) 3-Nitroaniline	9.75	138	171310	18.838	nq	91
54) 2,4-Dinitrophenol	9.87	184	284293	107.351	nq	# 90
55) Dibenzofuran	10.01	168	1964390	46.970	nq	99
56) 4-Nitrophenol	9.93	139	563841	97.117	nq	99
57) 2,4-Dinitrotoluene	9.99	165	505966	48.083	nq	98
58) Fluorene	10.35	166	1490519	50.005	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	426158	47.846	nq	98
60) Diethylphthalate	10.23	149	1596338	46.207	nq	98
61) 4-Chlorophenyl-phenylether	10.35	204	775999	48.414	nq	98
62) 4-Nitroaniline	10.37	138	395214	45.188	nq	96
63) Azobenzene	10.50	77	1370779	51.681	nq	99
65) 4,6-Dinitro-2-methylphenol	10.41	198	227386	52.647	nq	89
66) n-Nitrosodiphenylamine	10.47	169	1373533	48.402	nq	98
67) 4-Bromophenyl-phenylether	10.84	248	507151	46.241	nq	97
68) Hexachlorobenzene	10.91	284	533998	42.845	nq	95
69) Atrazine	11.00	200	434942	46.706	nq	99
70) Pentachlorophenol	11.11	266	488845	97.654	nq	97
71) Phenanthrene	11.32	178	2284833	46.693	nq	98
72) Anthracene	11.37	178	2346584	48.365	nq	99
73) Carbazole	11.53	167	2169986	48.248	nq	98
74) Di-n-butylphthalate	11.87	149	2567854	46.868	nq	99
75) Fluoranthene	12.52	202	2533826	46.105	nq	98
77) Benzidine	12.65	184	1080526	50.488	nq	99
78) Pyrene	12.76	202	2562563	50.273	nq	99
80) Butylbenzylphthalate	13.39	149	1127192	50.747	nq	100
81) Benzo(a)anthracene	13.96	228	2108544	46.759	nq	97
82) 3,3'-Dichlorobenzidine	13.92	252	532156	29.710	nq	97
83) Chrysene	14.00	228	2127438	48.068	nq	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1368994	49.006	nq	99
85) Di-n-octyl phthalate	14.58	149	2581232	50.978	nq	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2556419	46.240	nq	99
88) Benzo(b)fluoranthene	15.02	252	2280735	47.042	nq	98
89) Benzo(k)fluoranthene	15.05	252	2175121	47.124	nq	98
90) Benzo(a)pyrene	15.39	252	2215262	49.015	nq	97
91) Dibenzo(a,h)anthracene	16.93	278	2067209	47.160	nq	99
92) Benzo(g,h,i)perylene	17.36	276	2157718	48.443	nq	100

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



#1

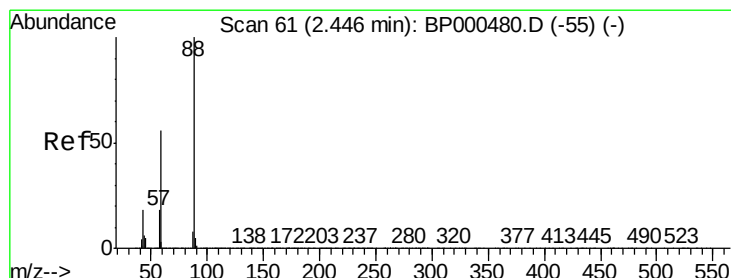
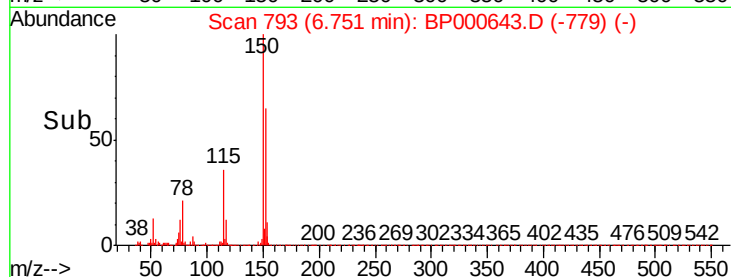
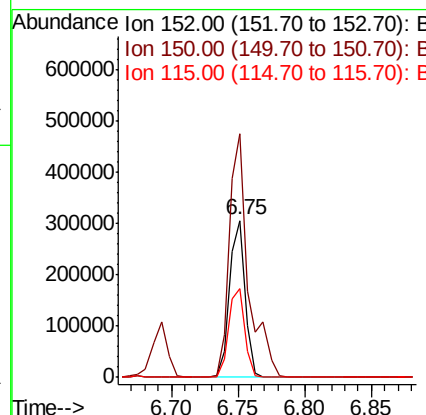
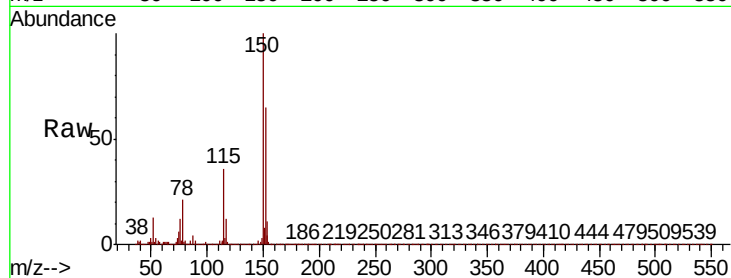
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	124.1	186.1
115	56.1	48.7	73.1

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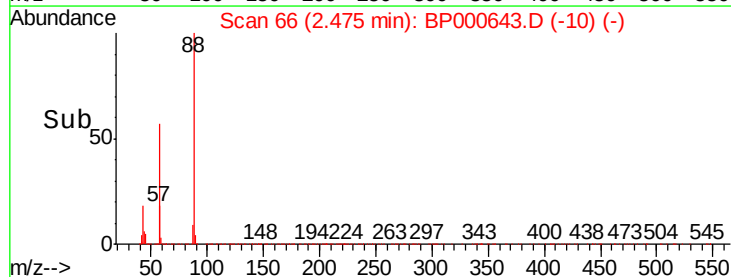
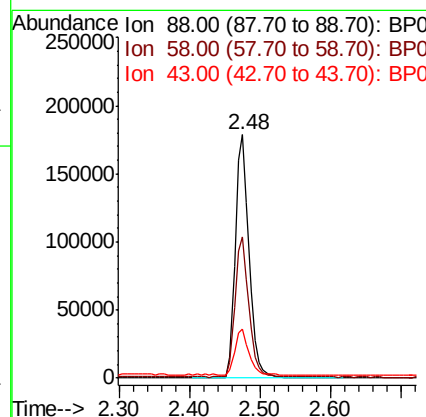
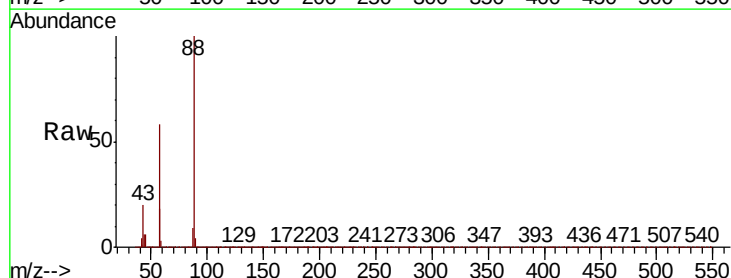
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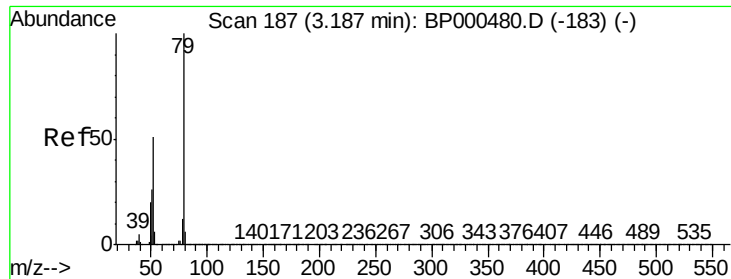


#2

1,4-Dioxane
Concen: 38.418 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.03 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.1	45.3	67.9
43	18.8	14.5	21.7





#3

Pvridine

Concen: 35.940 ng

RT: 3.21 min Scan# 191

Delta R.T. 0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

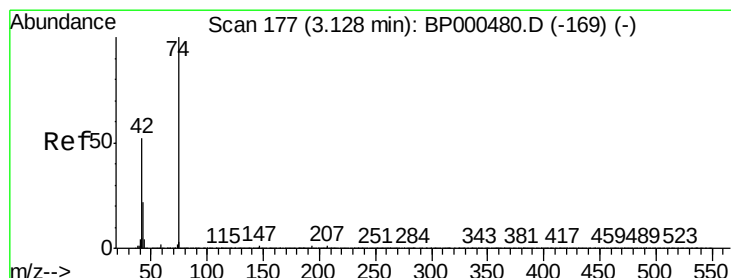
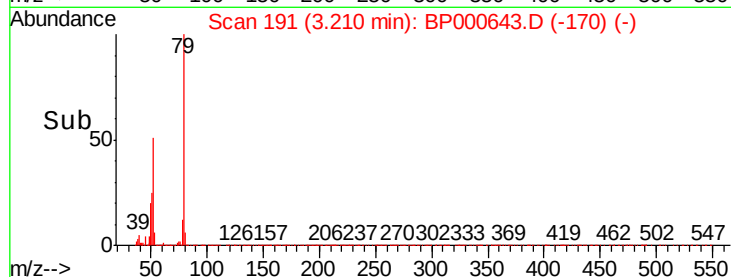
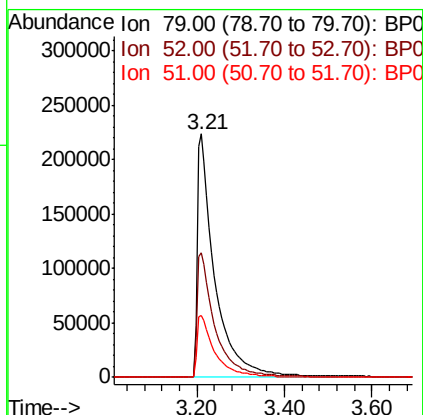
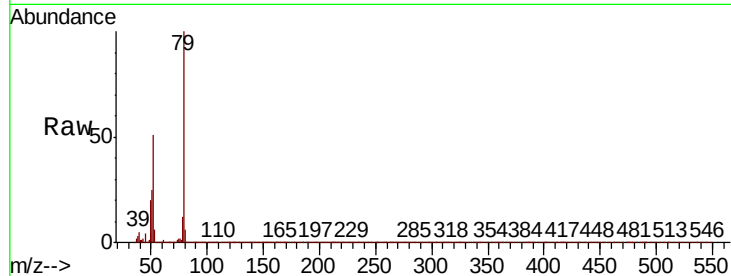
ClientSampleId :

TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		618915		
52	51.1	40.7	61.1		
51	25.4	20.5	30.7		

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#4

n-Nitrosodimethylamine

Concen: 44.369 ng

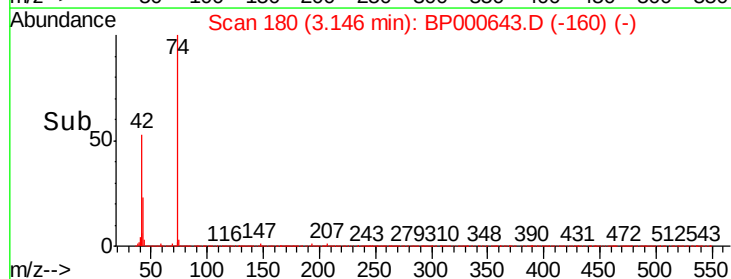
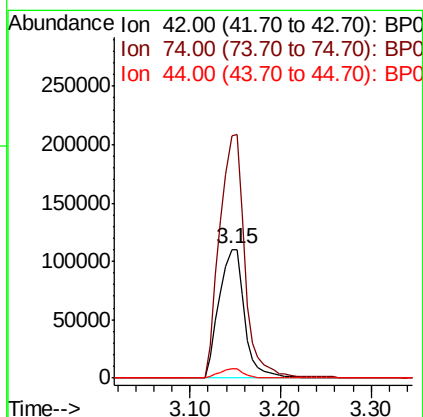
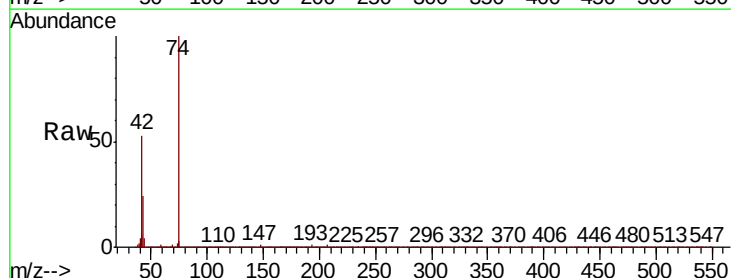
RT: 3.15 min Scan# 180

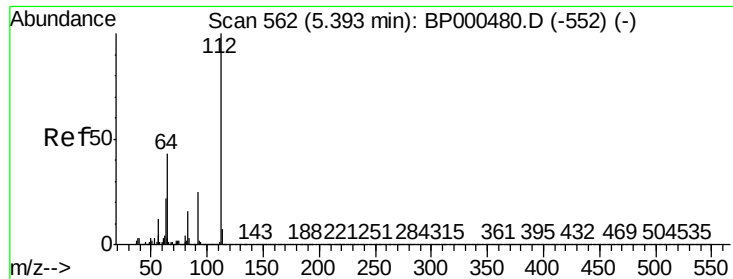
Delta R.T. 0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		215007		
74	187.9	152.4	228.6		
44	6.8	5.6	8.4		





#5

2-Fluorophenol

Concen: 128.235 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

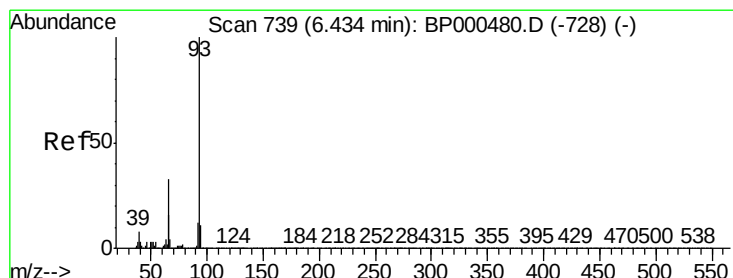
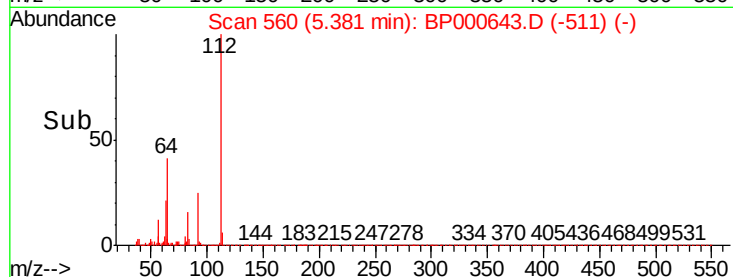
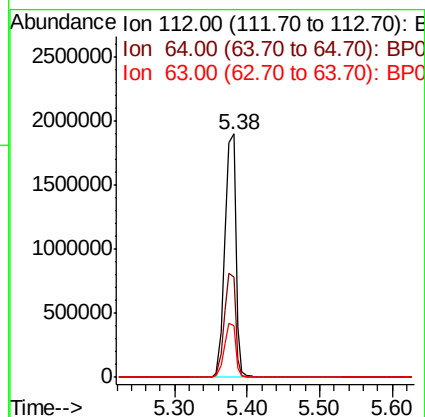
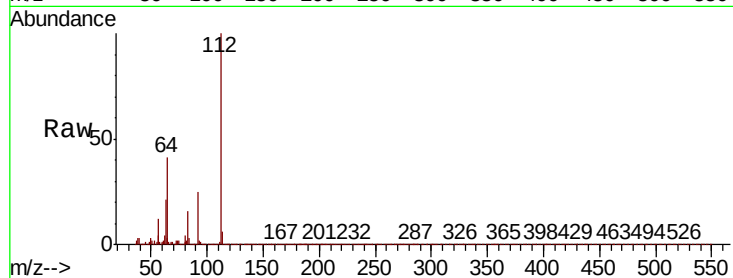
ClientSampleId :

TP-10MSD

Tot Ion:	112	Resp:	2023986
Ion Ratio	Lower	Upper	
112	100		
64	41.0	34.2	51.4
63	21.2	17.9	26.9

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#6

Aniline

Concen: 22.433 ng

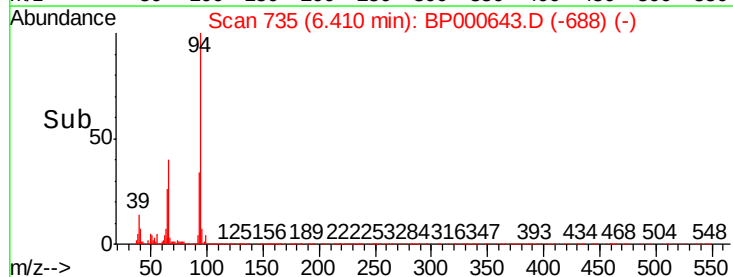
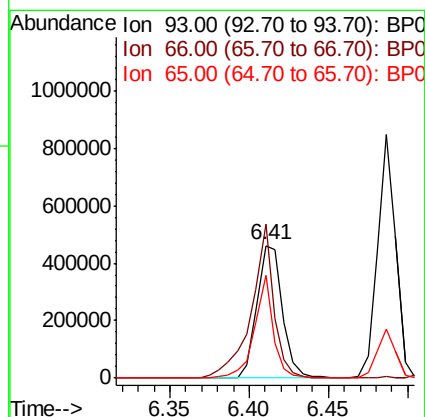
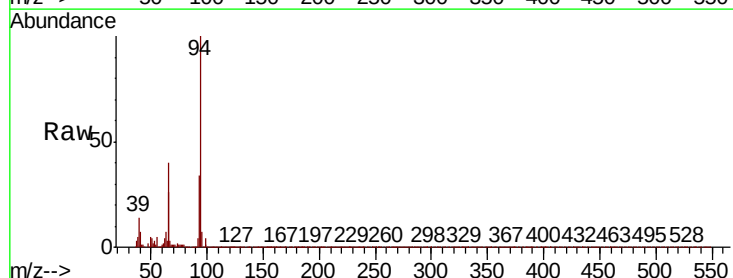
RT: 6.41 min Scan# 735

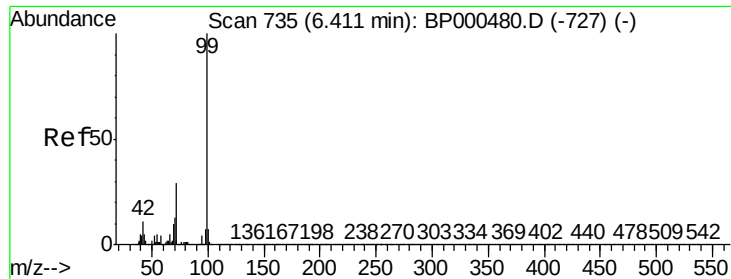
Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Tgt Ion:	93	Resp:	518357
Ion Ratio	Lower	Upper	
93	100		
66	116.2	26.3	39.5#
65	77.5	13.2	19.8#





#7

Phenol-d6

Concen: 136.727 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

ClientSampled :

TP-10MSD

Tot Ion: 99 Resp: 2600513

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

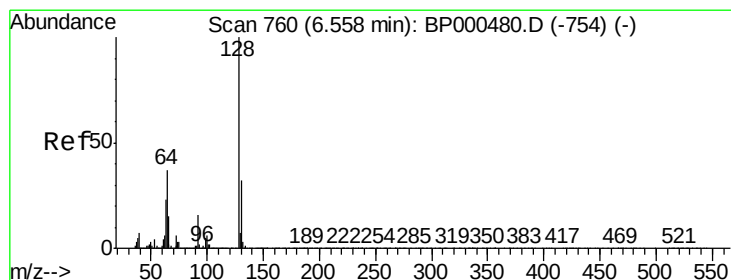
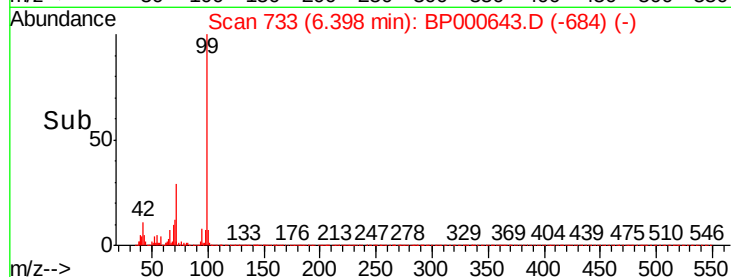
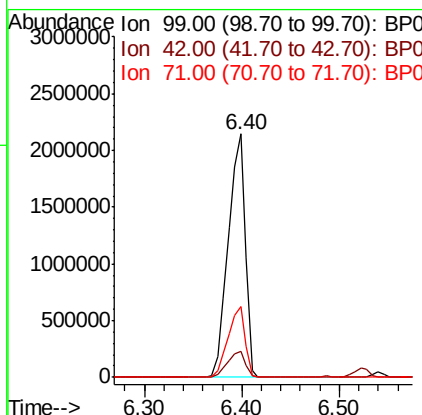
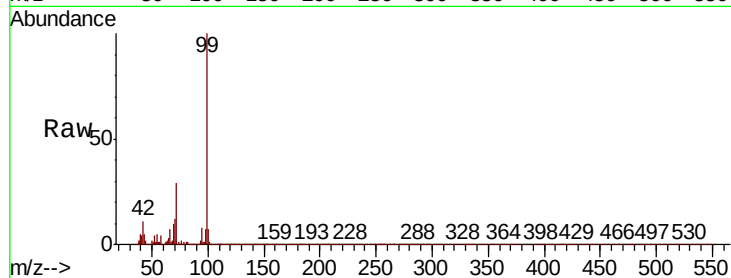
71 29.3 23.0 34.4

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#8

2-Chlorophenol

Concen: 45.797 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

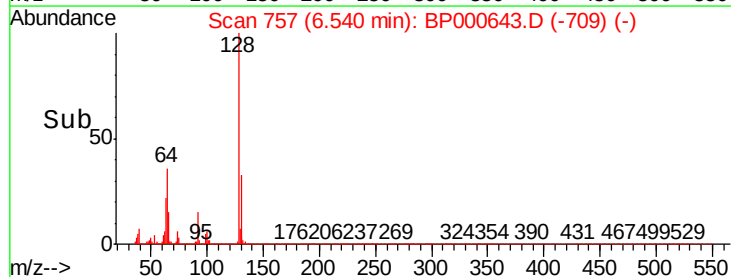
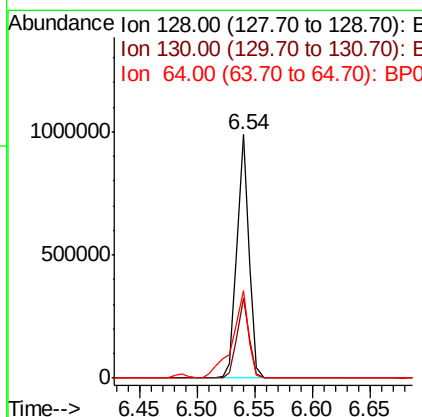
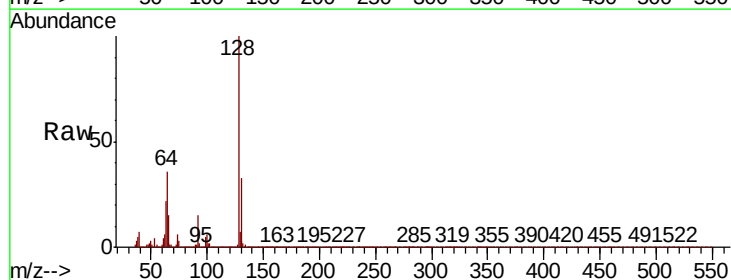
Tgt Ion: 128 Resp: 713376

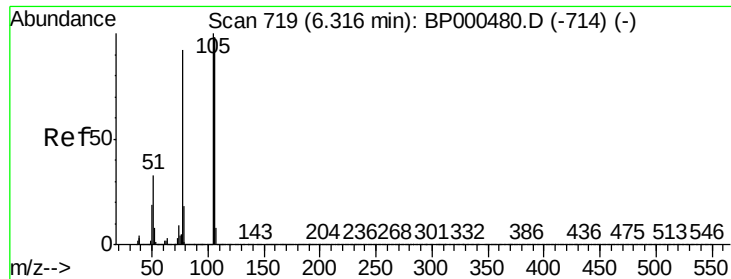
Ion Ratio Lower Upper

128 100

130 32.6 12.2 52.2

64 36.1 17.2 57.2





#9

Benzaldehyde

Concen: 39.489 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

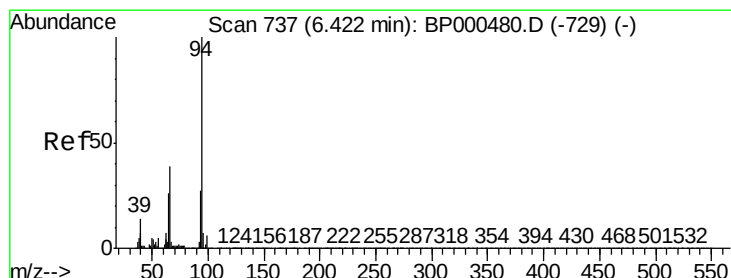
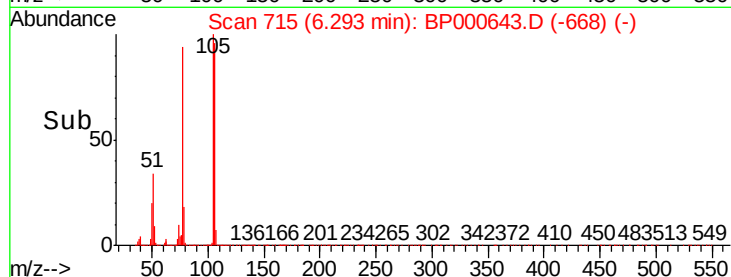
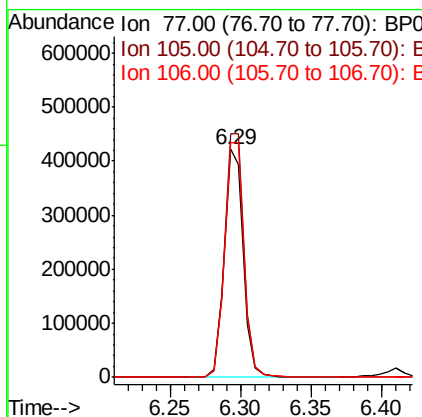
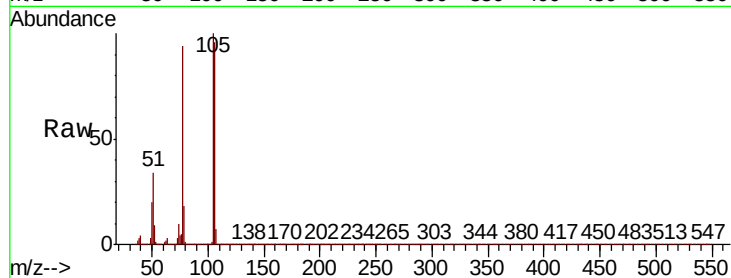
ClientSampleId :

TP-10MSD

Tot Ion:	77	Resp:	391216
Ion Ratio	Lower	Upper	
77	100		
105	106.7	88.3	128.3
106	103.0	85.7	125.7

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#10

Phenol

Concen: 47.015 ng

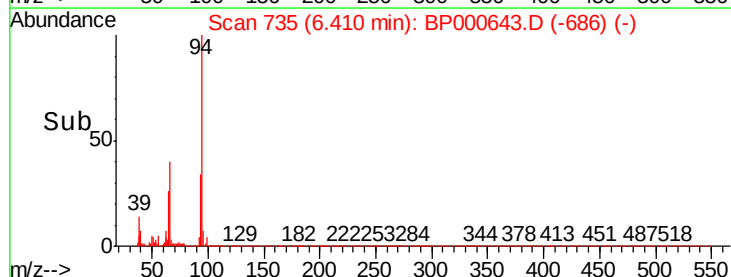
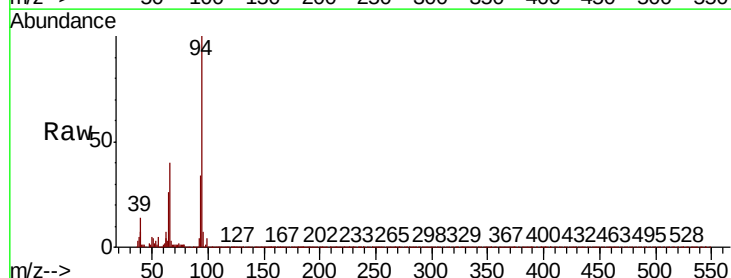
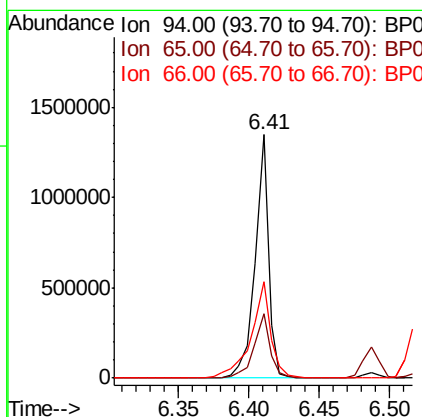
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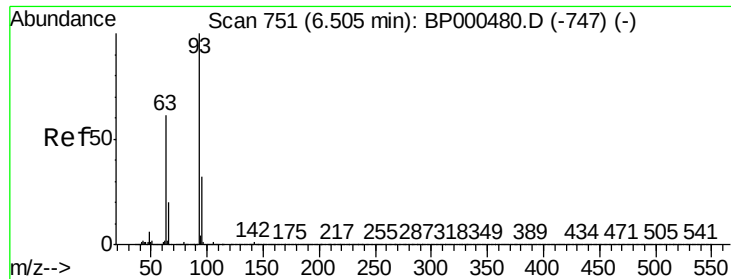
Delta R.T. -0.01 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Tgt Ion:	94	Resp:	915562
Ion Ratio	Lower	Upper	
94	100		
65	26.5	5.9	45.9
66	39.7	18.8	58.8





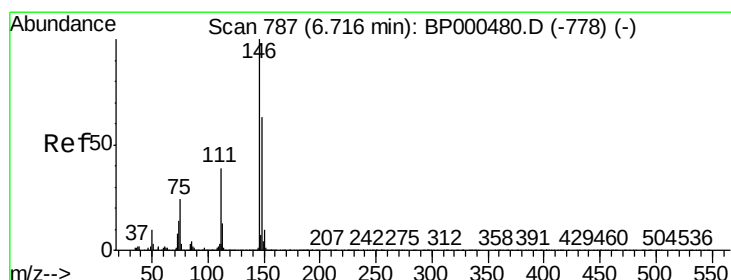
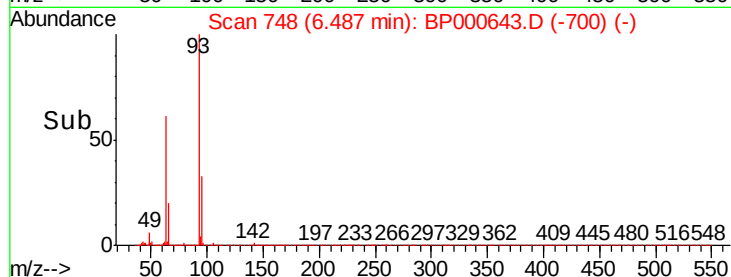
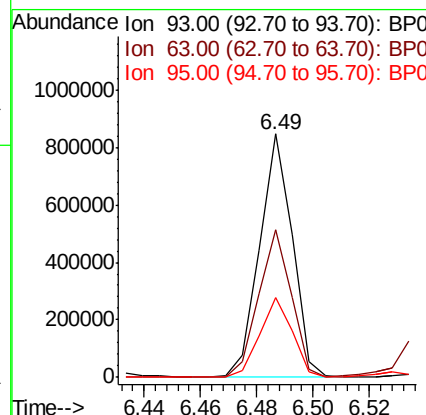
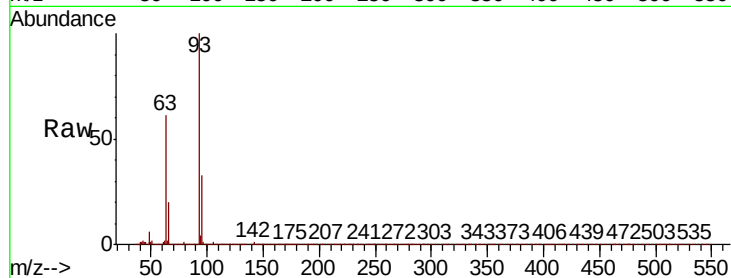
#11
bis(2-Chloroethyl)ether
Concen: 45.163 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		676638		
63	60.7	41.1	81.1		
95	32.7	12.2	52.2		

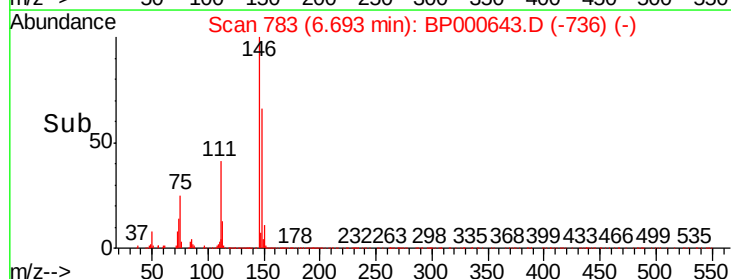
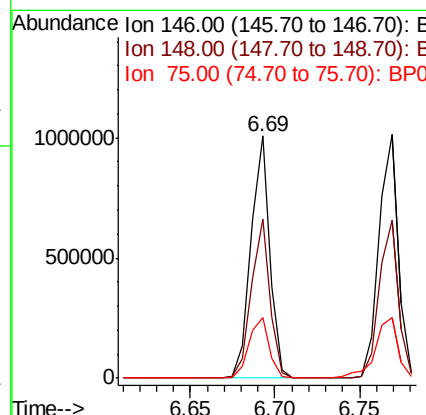
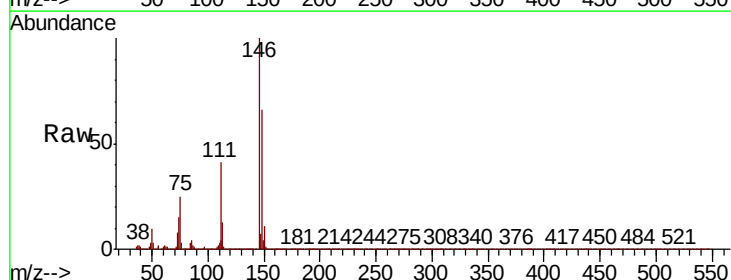
Manual Integrations
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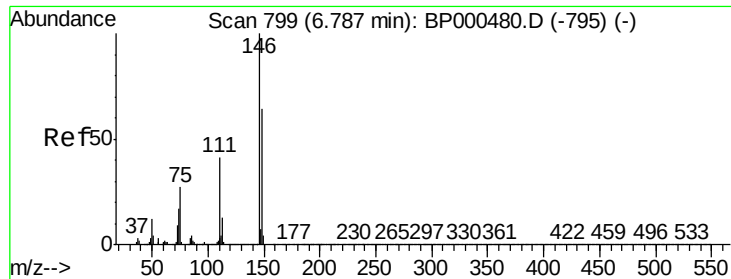
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.679 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		787007		
148	65.6	50.7	76.1		
75	25.2	19.1	28.7		





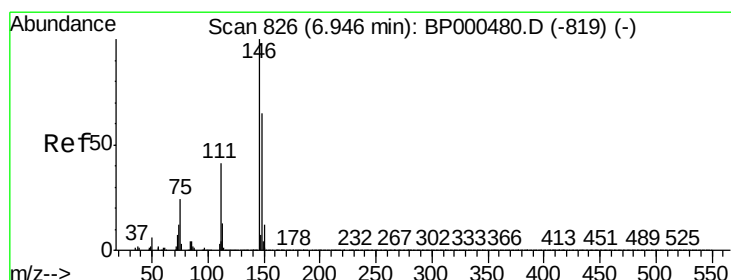
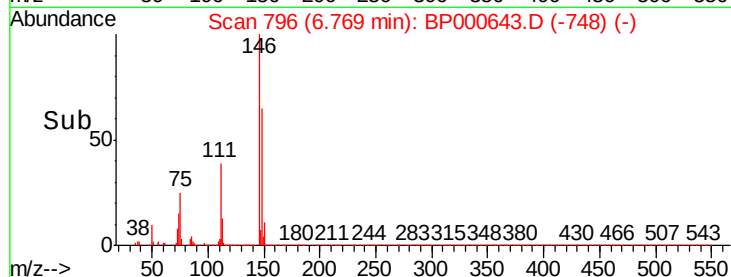
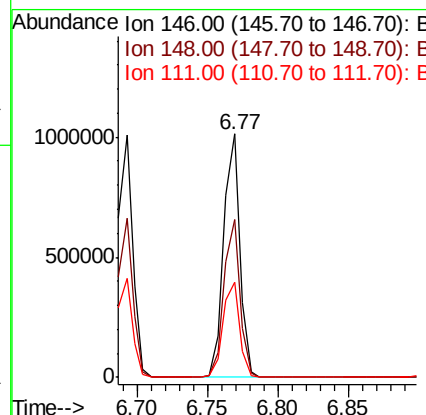
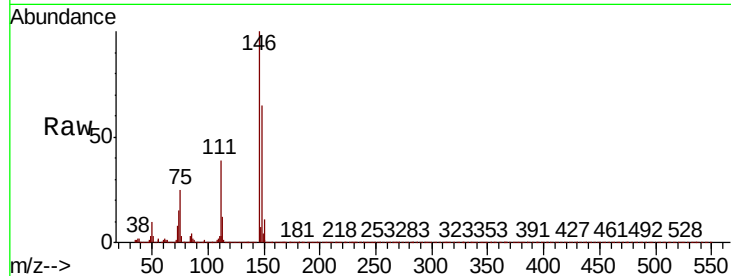
#13
1,4-Dichlorobenzene
Concen: 42.569 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	38.8	33.0	49.4

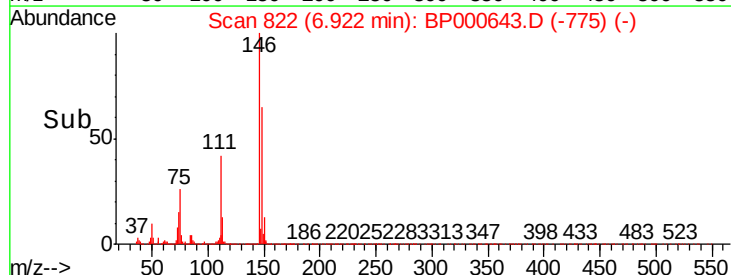
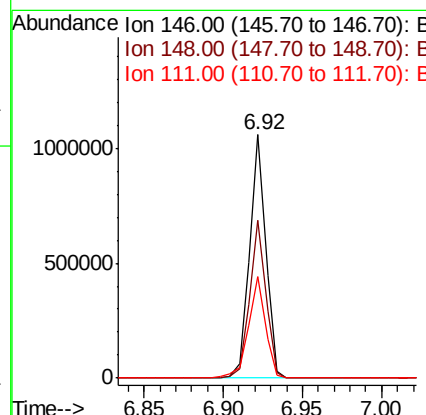
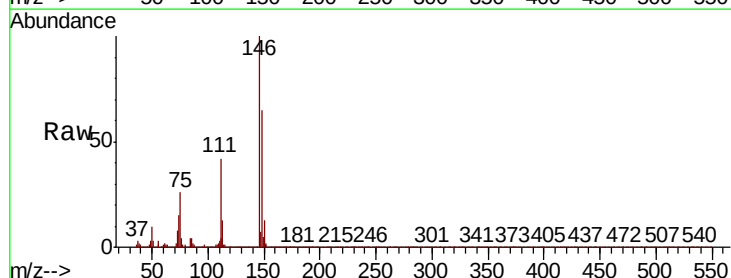
Manual Integrations
APPROVED

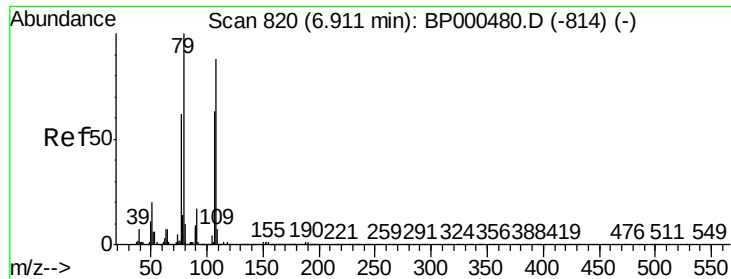
mohammad
10/16/2019 8:03:53 AM



#14
1,2-Dichlorobenzene
Concen: 42.637 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.6
111	41.9	32.8	49.2





#15

Benzyl Alcohol

Concen: 45.576 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

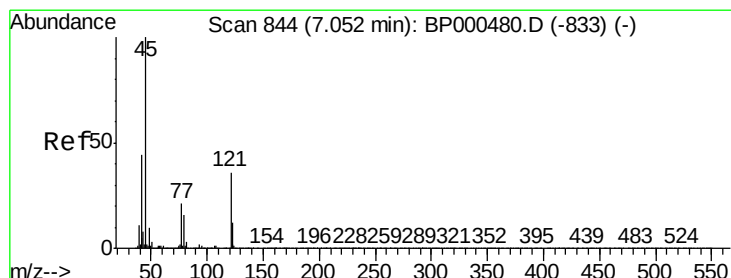
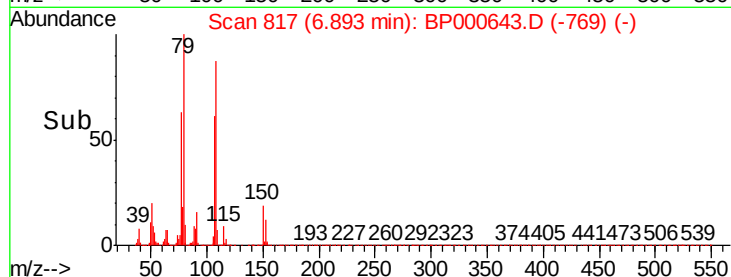
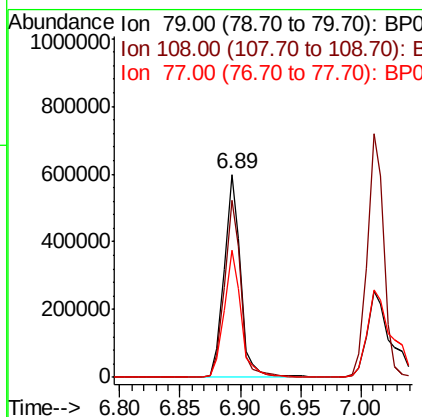
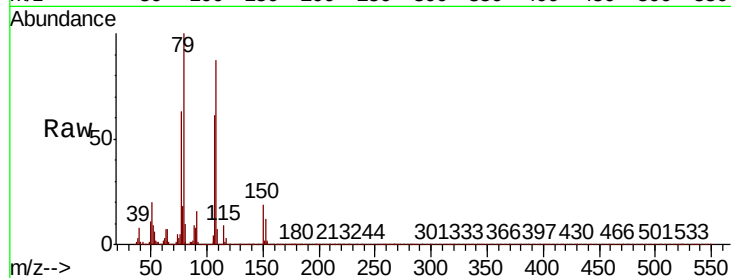
ClientSampleId :

TP-10MSD

Tot Ion:	79	Resp:	559815
Ion Ratio	Lower	Upper	
79	100		
108	87.4	70.8	106.2
77	62.5	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.426 ng

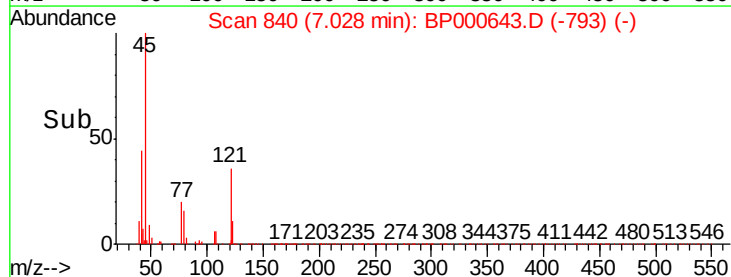
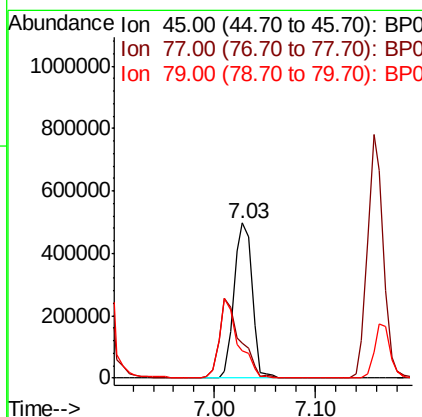
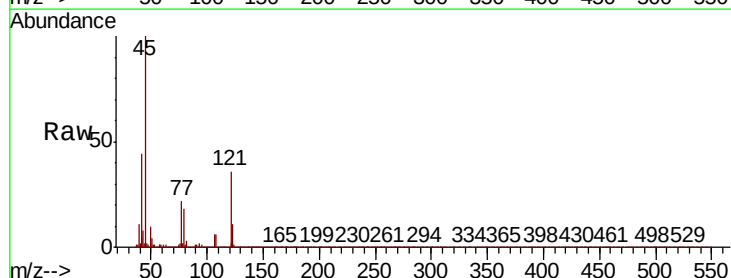
RT: 7.03 min Scan# 840

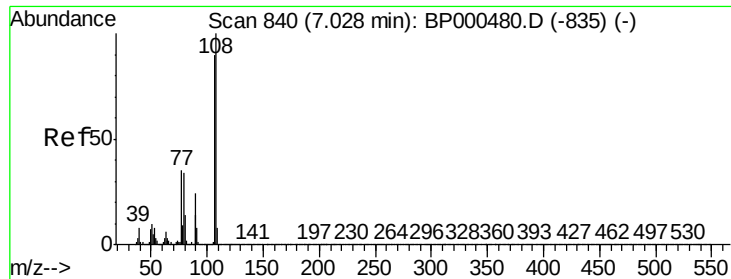
Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Tgt Ion:	45	Resp:	613953
Ion Ratio	Lower	Upper	
45	100		
77	22.4	1.1	41.1
79	17.7	0.0	36.8





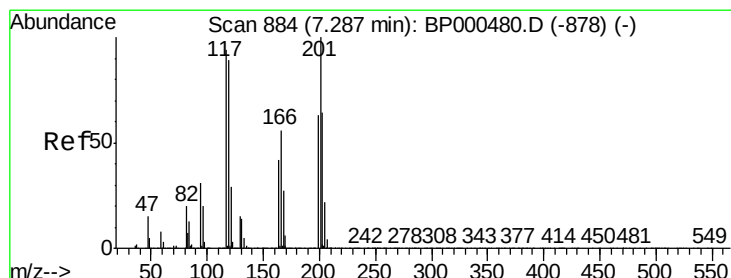
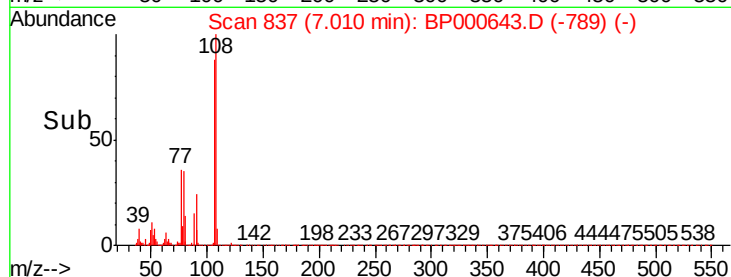
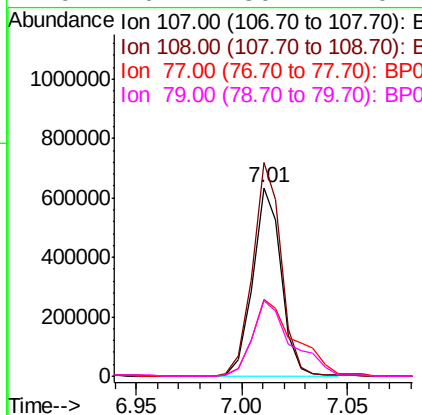
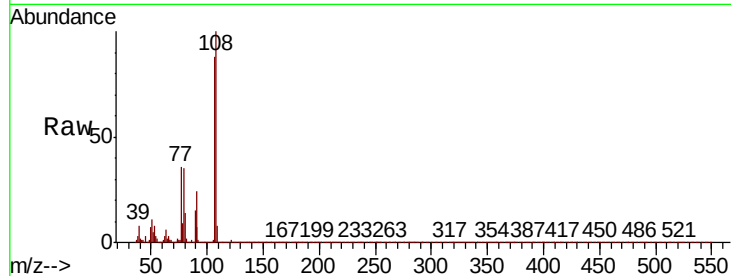
#17
2-Methylphenol
Concen: 45.966 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.4	89.0	133.4	
77	40.5	31.2	46.8	
79	40.2	30.7	46.1	

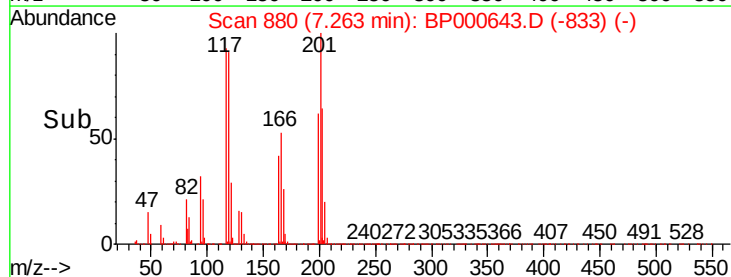
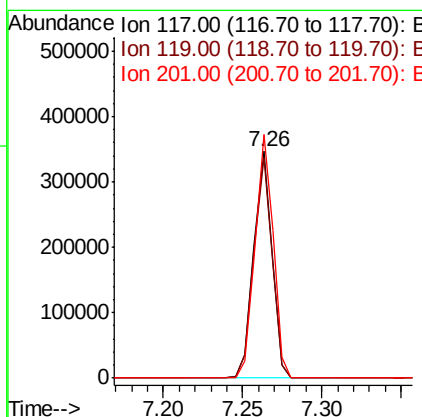
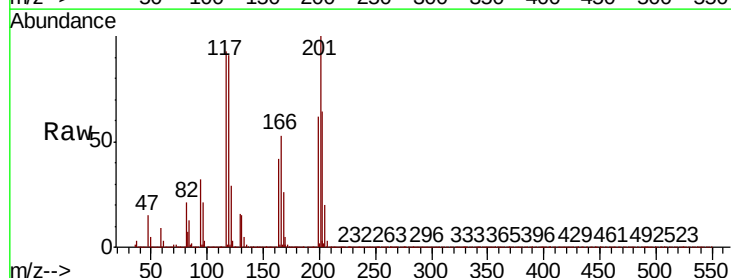
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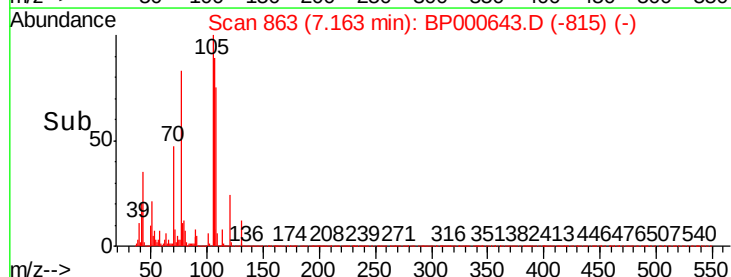
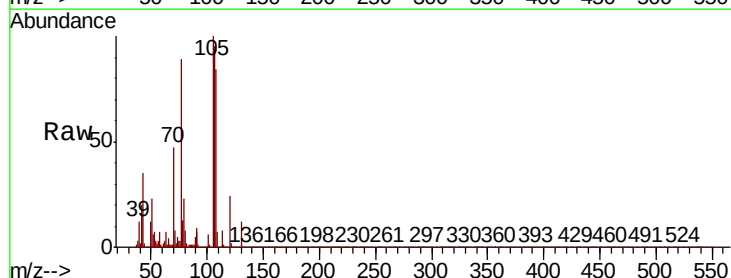
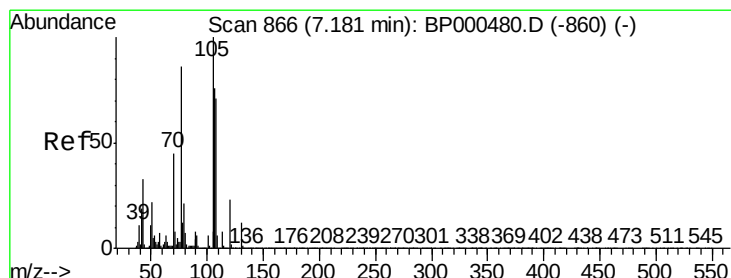
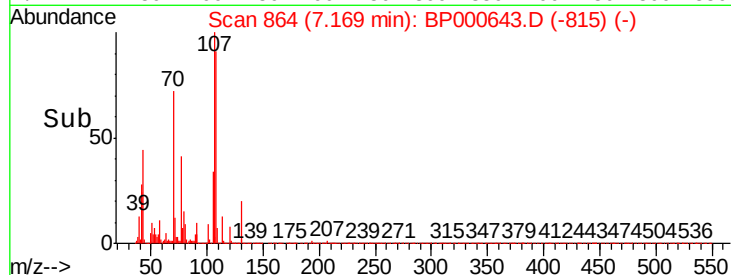
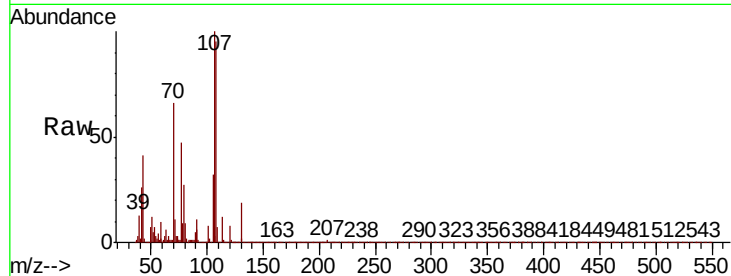
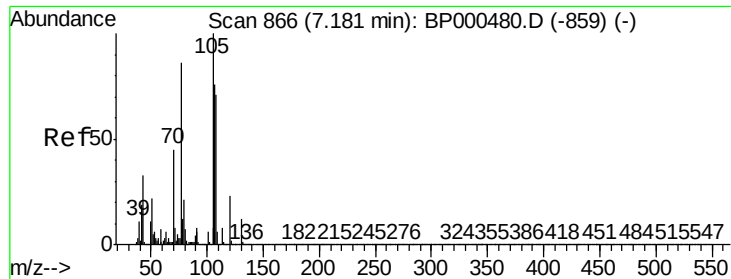
mohammad
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#18
Hexachloroethane
Concen: 40.859 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.5	76.3	114.5	
201	107.5	85.4	128.0	





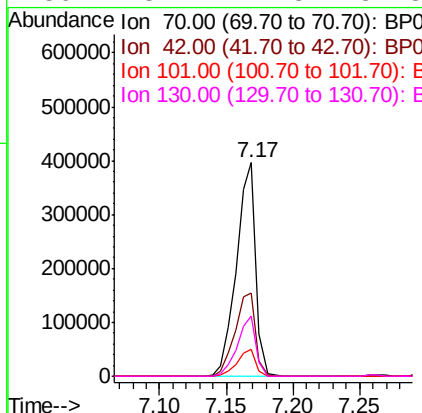
#19
n-Nitroso-di-n-propylamine
Concen: 45.652 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	38.8	33.2	49.8		
101	12.3	9.9	14.9		
130	28.2	21.8	32.8		

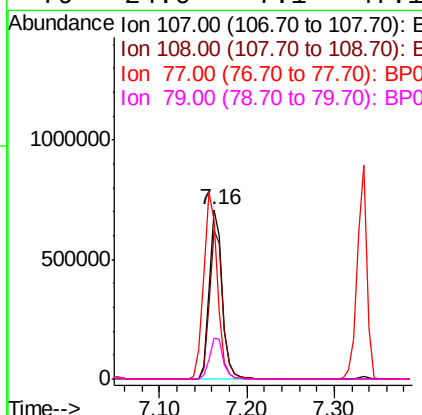
Manual Integrations
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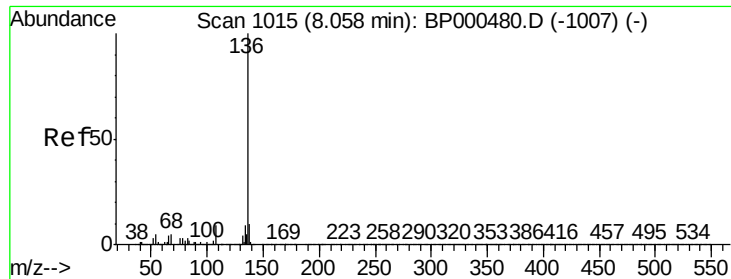
mohammad
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#20
3+4-Methylphenols
Concen: 48.058 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.1	72.6	112.6		
77	94.0	93.3	133.3		
79	24.6	7.1	47.1		





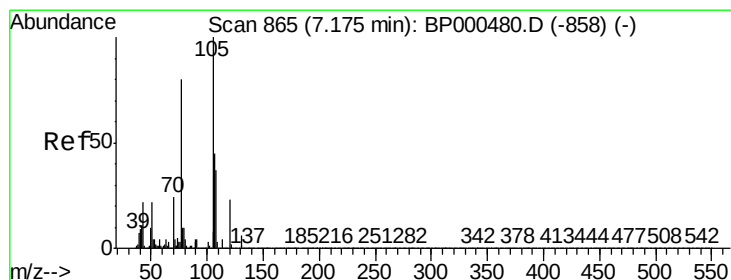
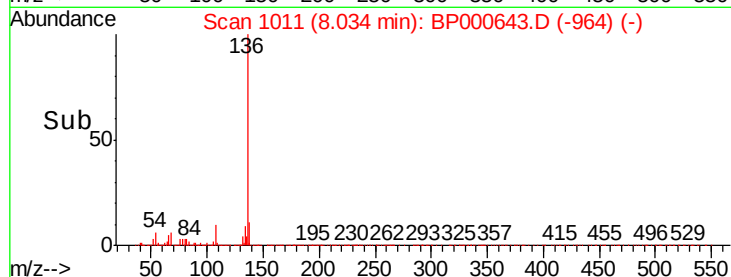
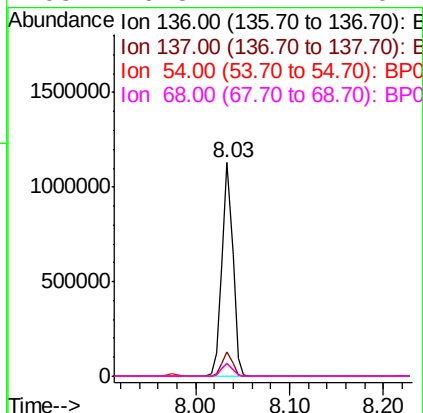
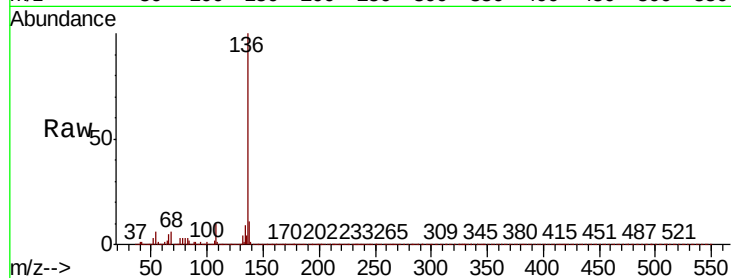
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	920062		
137	11.2		8.2	12.4
54	5.8		4.1	6.1
68	5.8		4.1	6.1

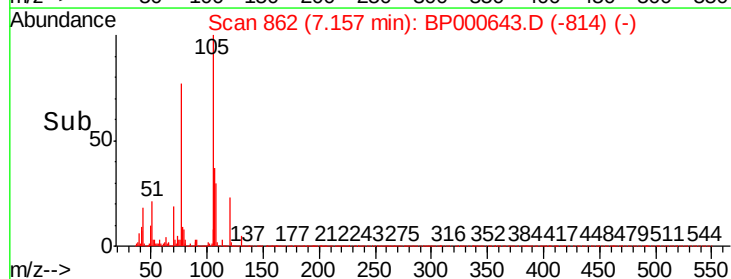
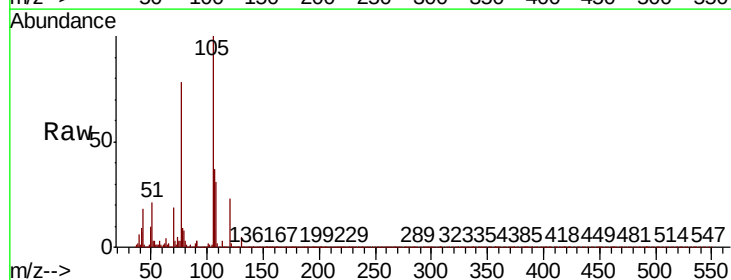
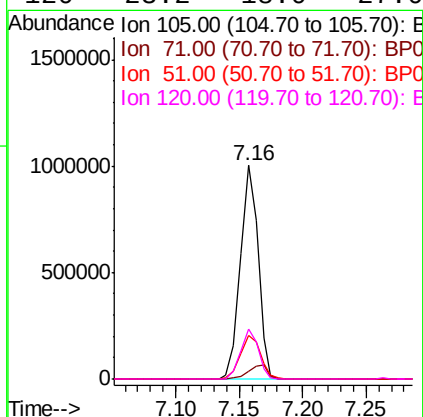
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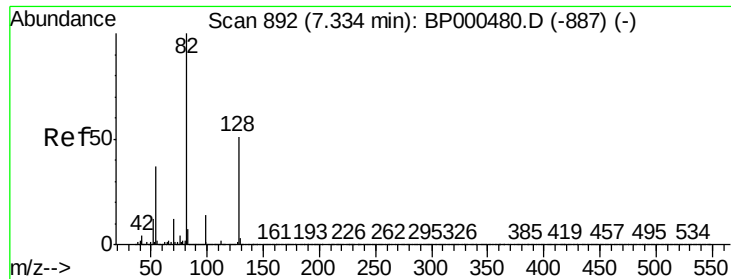
mohammad
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#22
Acetophenone
Concen: 45.238 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	961739		
71	3.3		3.3	4.9
51	20.7		17.4	26.2
120	23.2		18.0	27.0





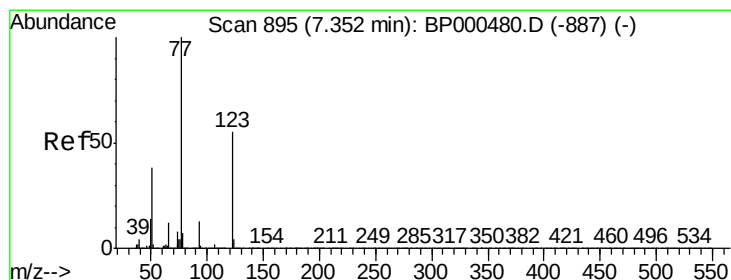
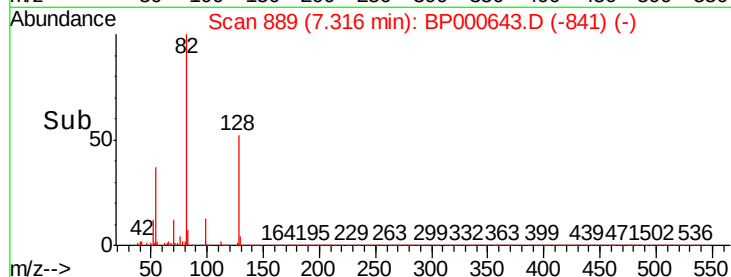
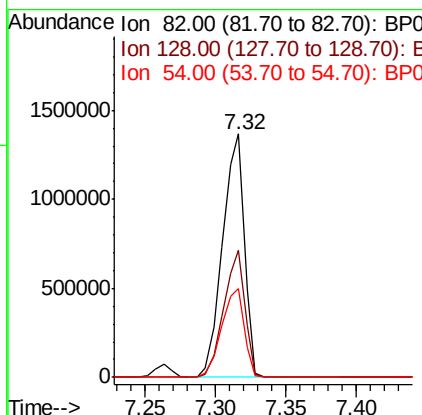
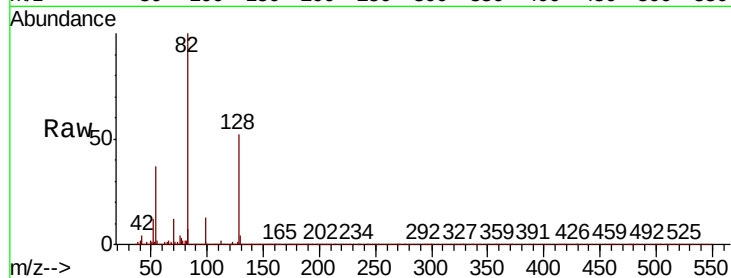
#23
 Nitrobenzene-d5
 Concen: 97.131 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BP000643.D
 Acq: 11 Oct 2019 19:58

Instrument :
 BNA_P
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.1	40.9	61.3
54	36.6	29.4	44.2

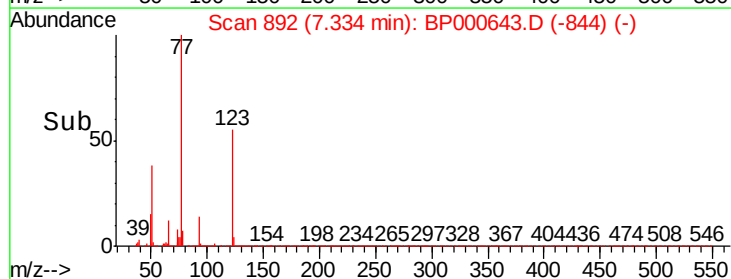
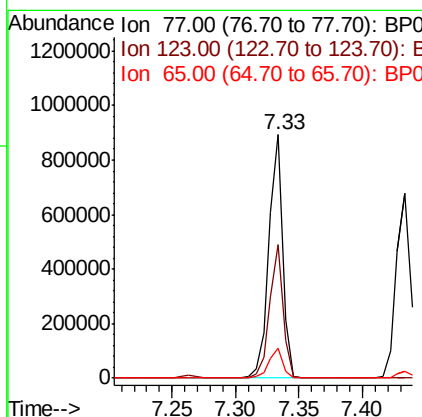
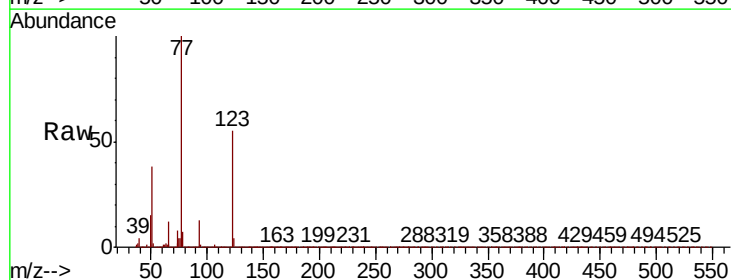
Manual Integrations
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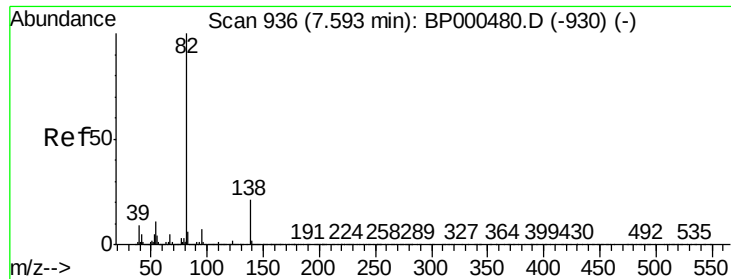
mohammad
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#24
 Nitrobenzene
 Concen: 47.051 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BP000643.D
 Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.1	44.1	66.1
65	12.1	9.7	14.5





#25

Isophorone

Concen: 48.396 ng

RT: 7.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

Tot Ion: 82 Resp: 1293913

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

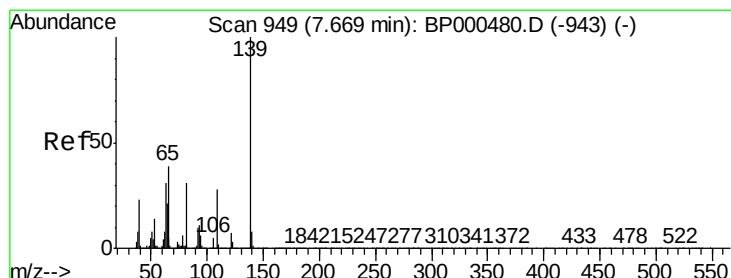
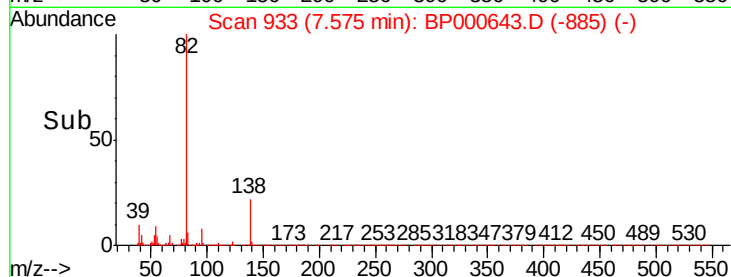
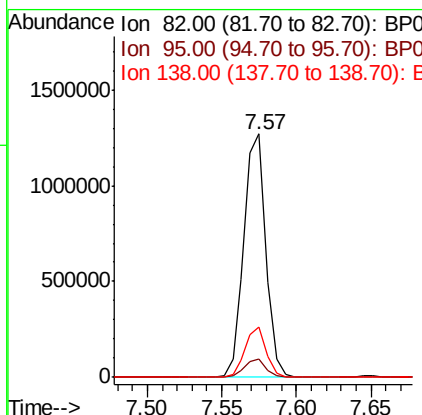
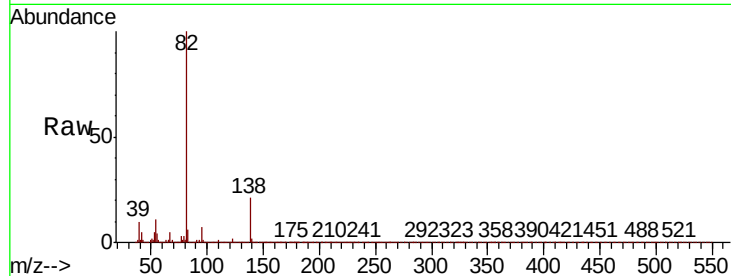
138 20.6 17.0 25.4

Manual Integrations

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#26

2-Nitrophenol

Concen: 50.633 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

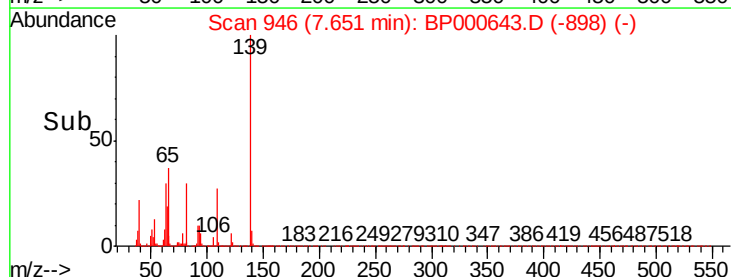
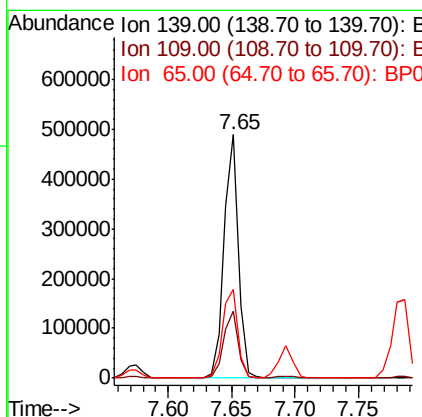
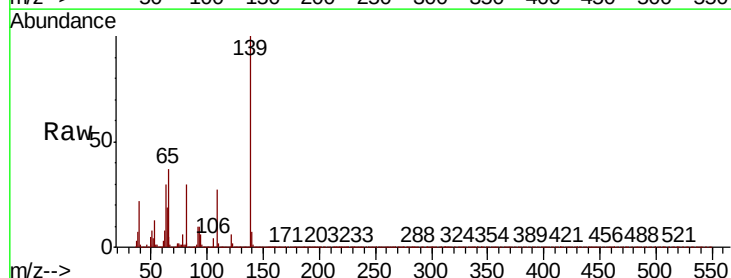
Tgt Ion: 139 Resp: 386865

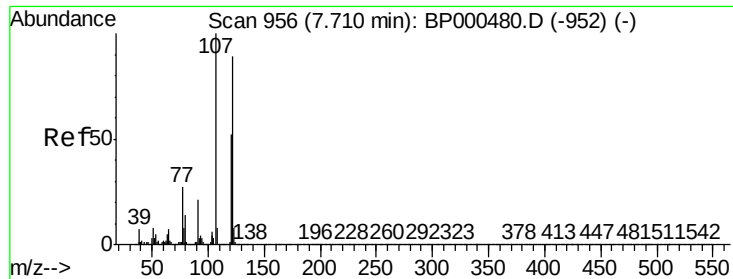
Ion Ratio Lower Upper

139 100

109 27.3 22.8 34.2

65 36.7 31.5 47.3





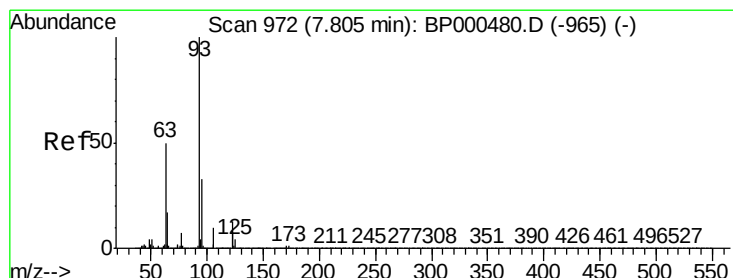
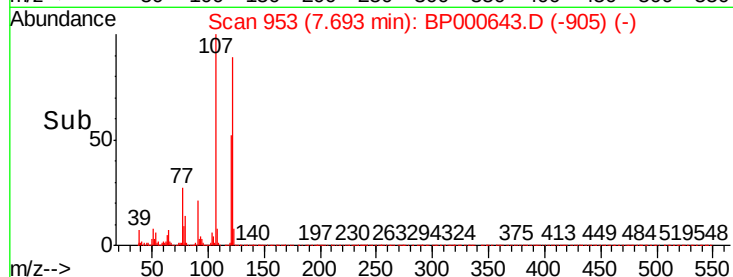
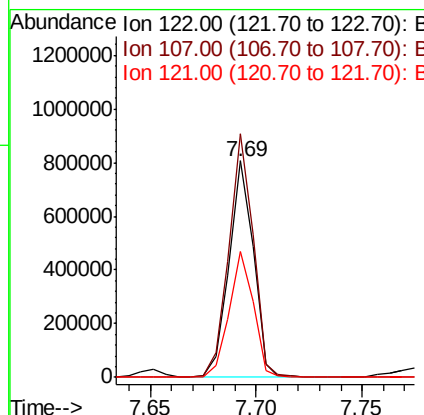
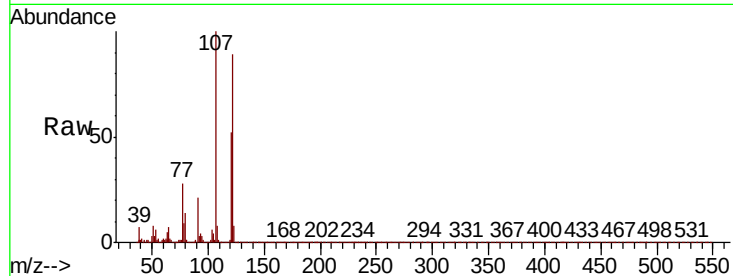
#27
2,4-Dimethylphenol
Concen: 54.963 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.6	89.9	134.9
121	58.0	46.6	70.0

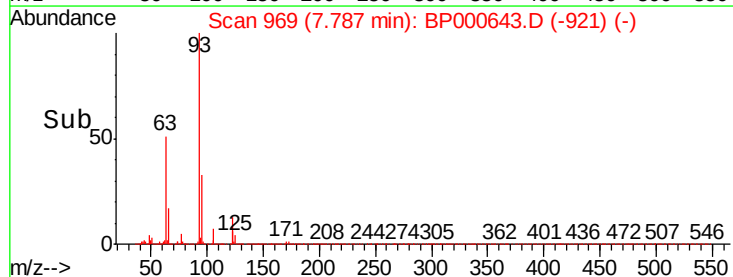
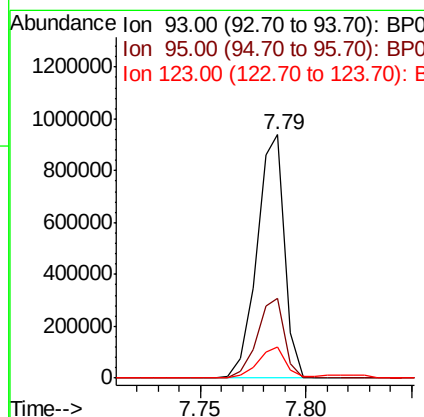
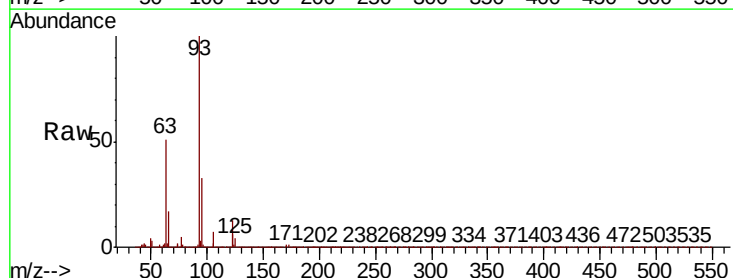
Manual Integrations
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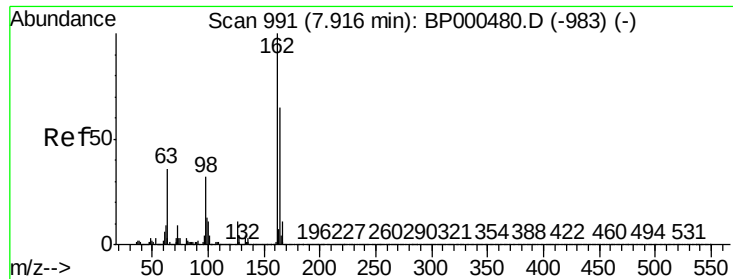
mohammad
10/16/2019 8:03:53 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.933 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.2
123	12.6	10.2	15.2





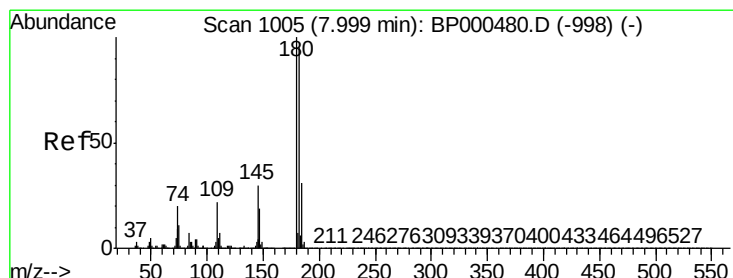
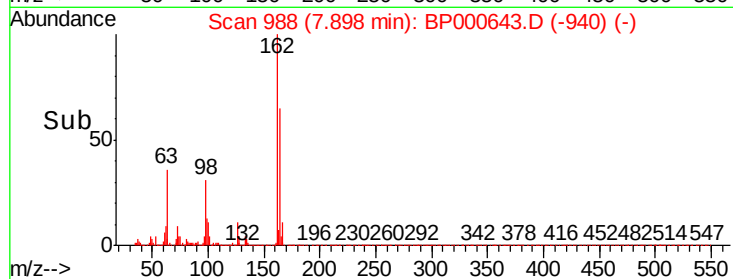
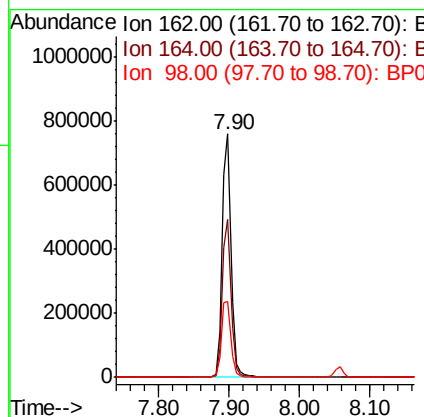
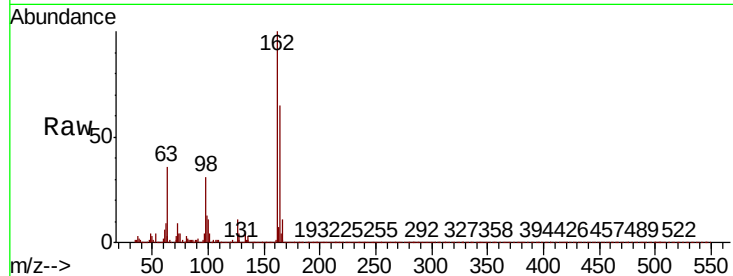
#29
2,4-Dichlorophenol
Concen: 49.645 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.0	44.6	84.6
98	31.4	11.6	51.6

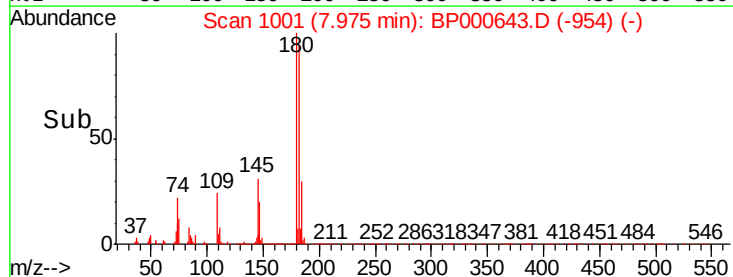
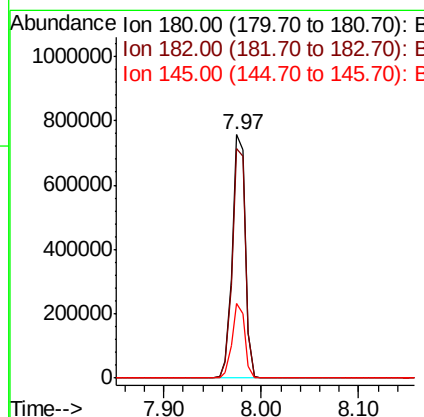
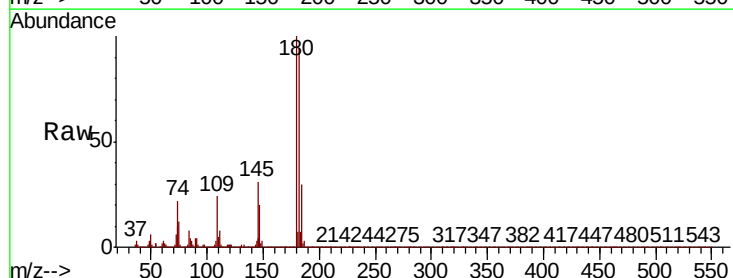
Manual Integrations
APPROVED

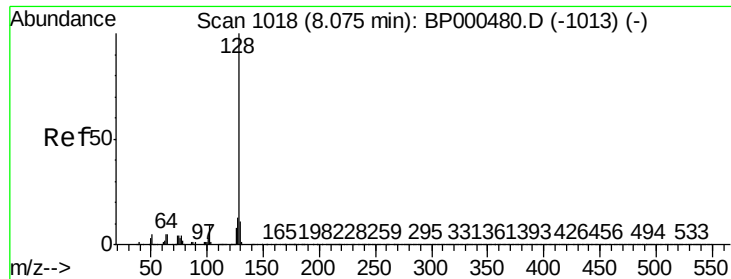
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.930 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	76.2	114.4
145	30.5	23.6	35.4





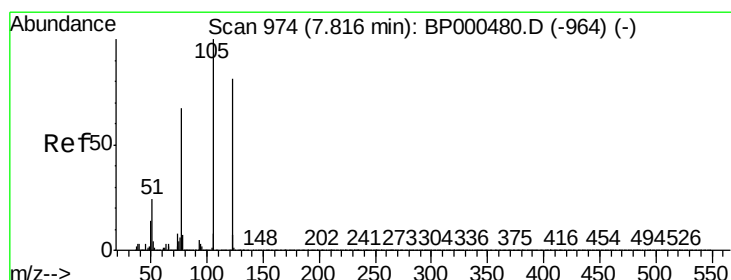
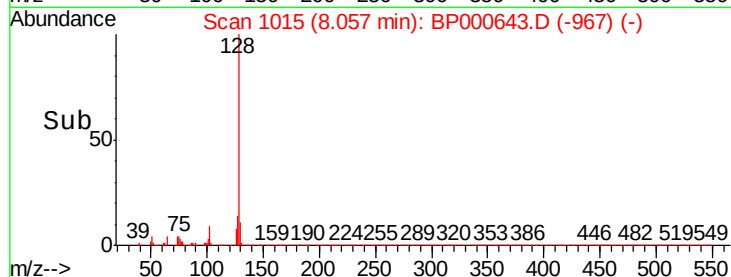
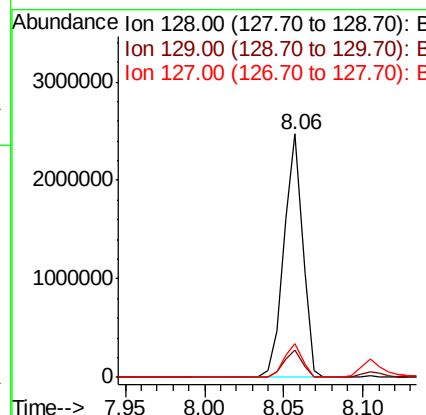
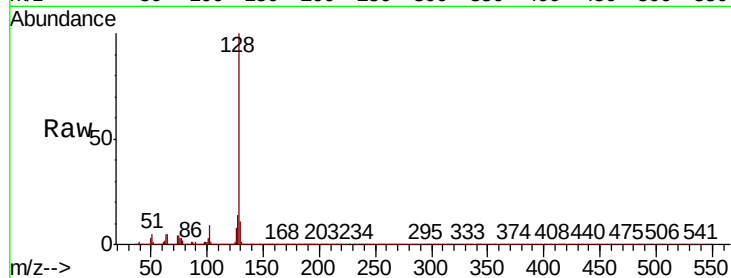
#31
Naphthalene
Concen: 47.416 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.6	10.5	15.7

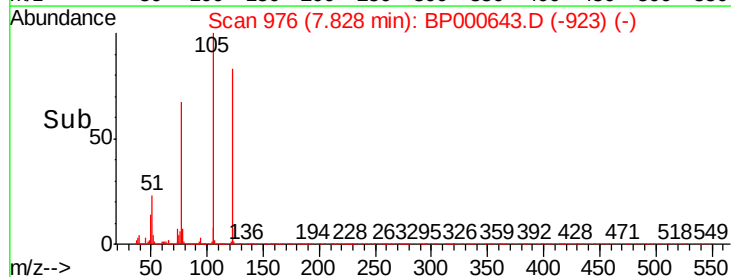
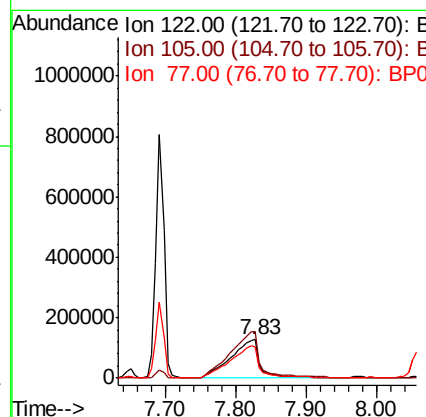
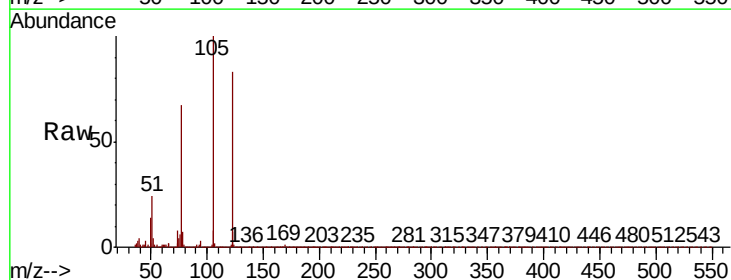
Manual Integrations
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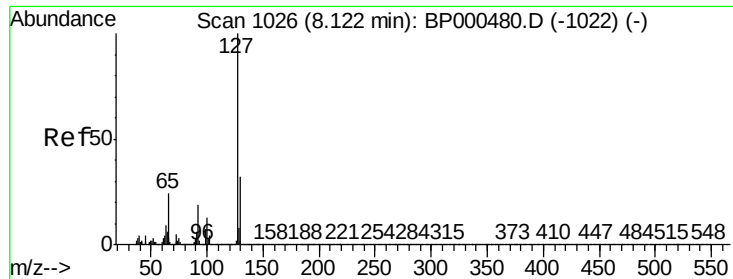
mohammad
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#32
Benzoic acid
Concen: 49.524 ng
RT: 7.83 min Scan# 976
Delta R.T. 0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.0	101.4	141.4
77	80.6	62.1	102.1





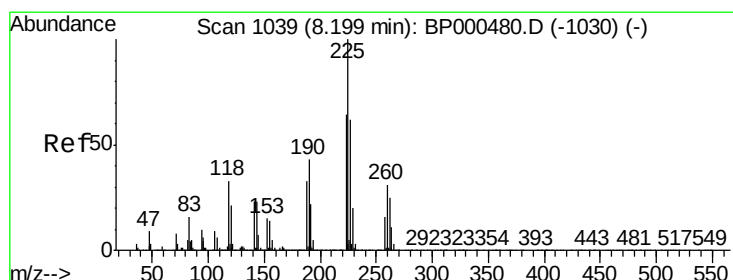
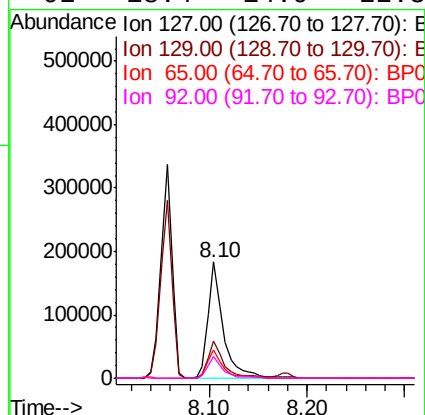
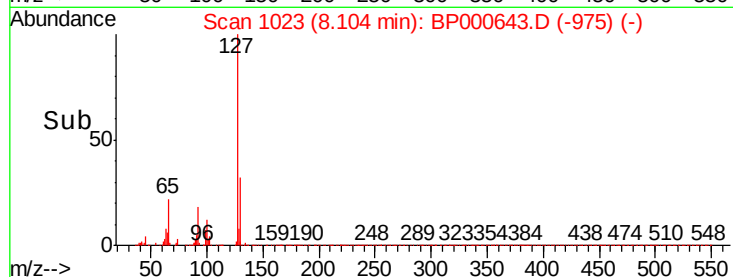
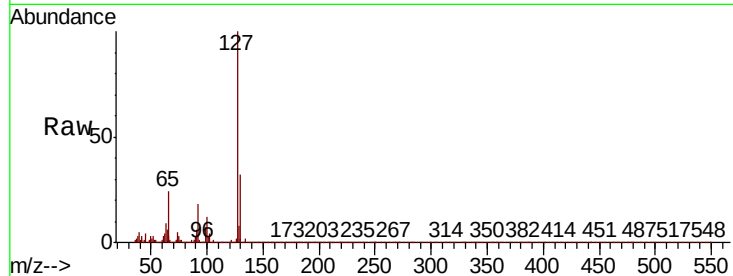
#33
4-Chloroaniline
Concen: 10.592 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		199839		
129	32.0	25.6	38.4		
65	23.8	19.2	28.8		
92	18.4	14.9	22.3		

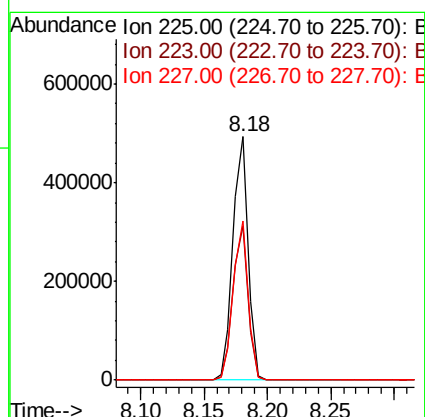
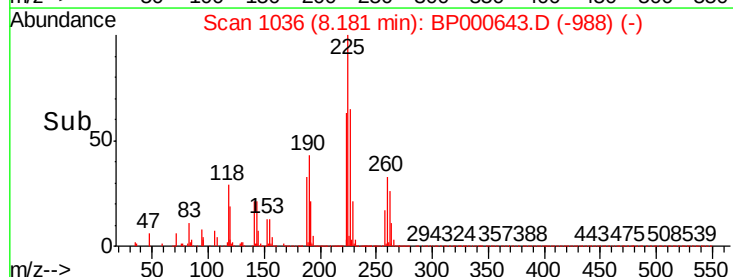
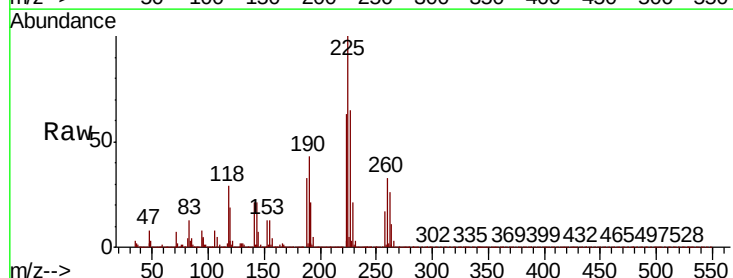
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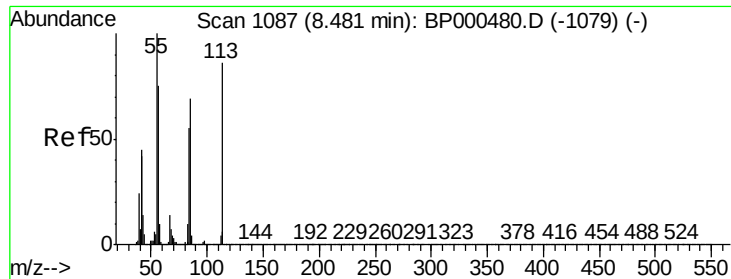
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#34
Hexachlorobutadiene
Concen: 43.094 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		405042		
223	63.3	51.4	77.0		
227	65.4	49.7	74.5		





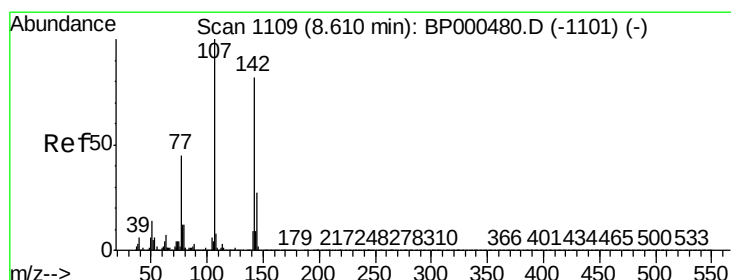
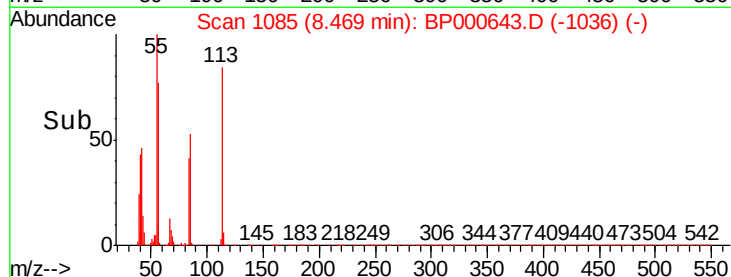
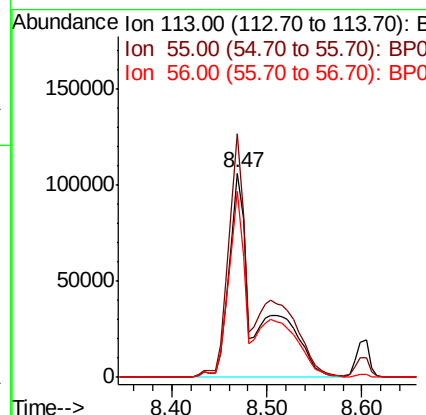
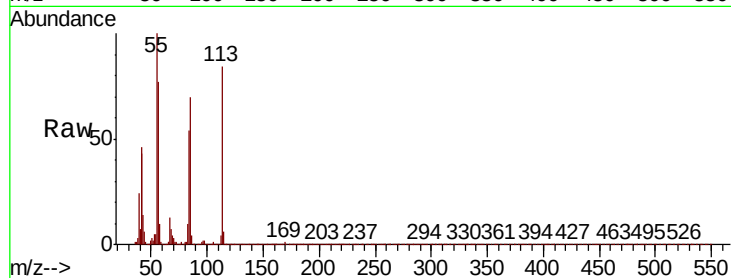
#35
Caprolactam
Concen: 50.021 ng/ml
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		221870		
55	119.2	95.9	135.9		
56	91.2	67.2	107.2		

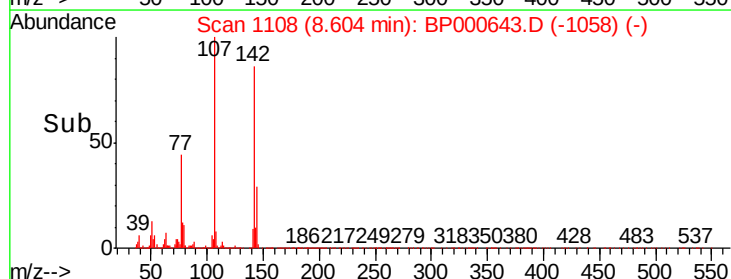
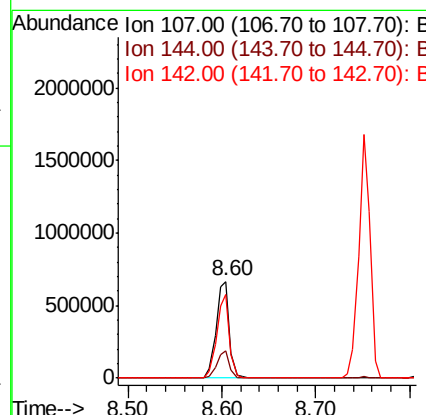
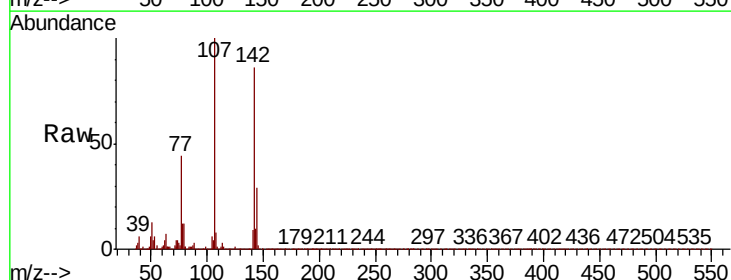
Manual Integrations
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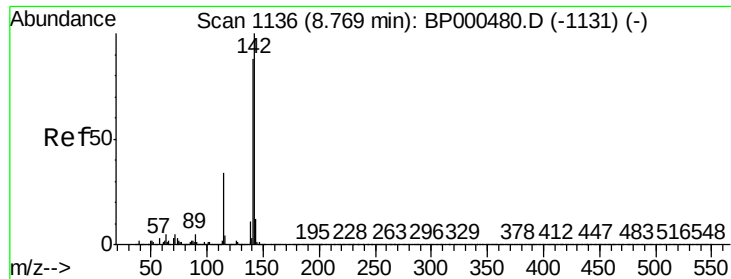
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 50.765 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		658433		
144	28.6	21.8	32.8		
142	86.5	65.5	98.3		





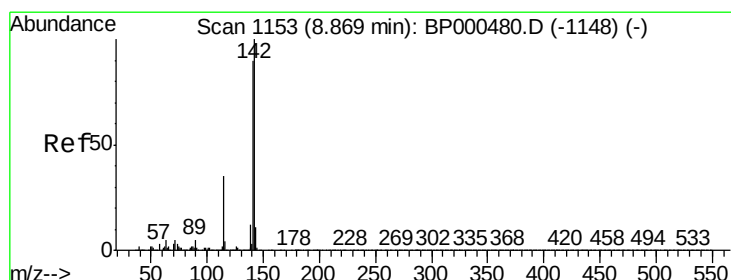
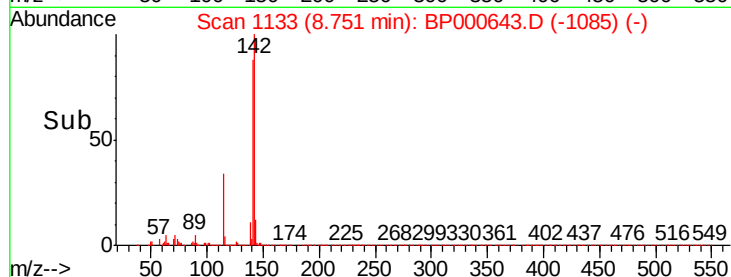
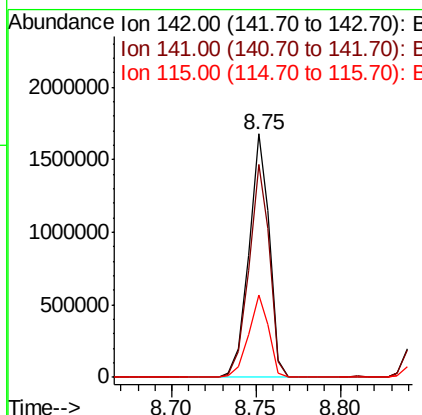
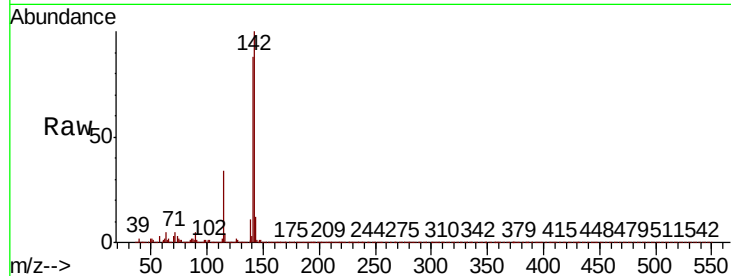
#37
2-Methylnaphthalene
Concen: 49.297 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.6	106.0
115	34.0	27.4	41.0

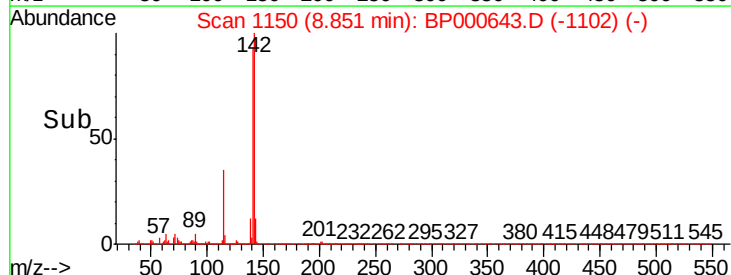
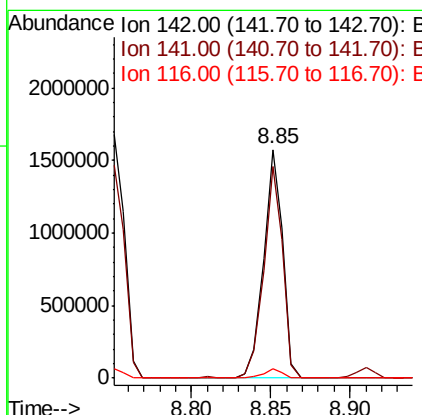
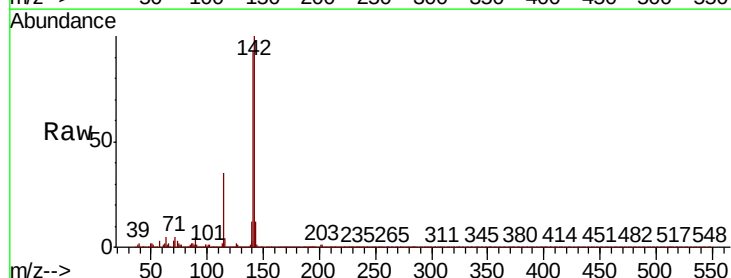
Manual Integrations
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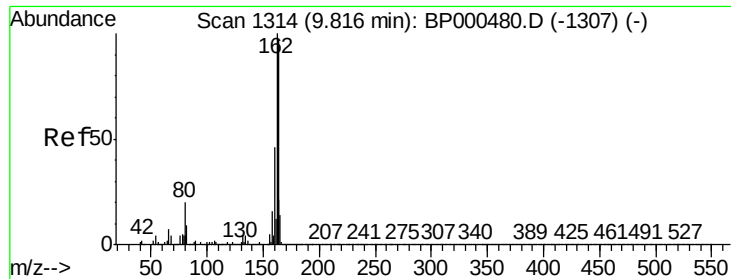
mohammad
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#38
1-Methylnaphthalene
Concen: 48.737 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.9	107.9
116	3.9	3.0	4.4





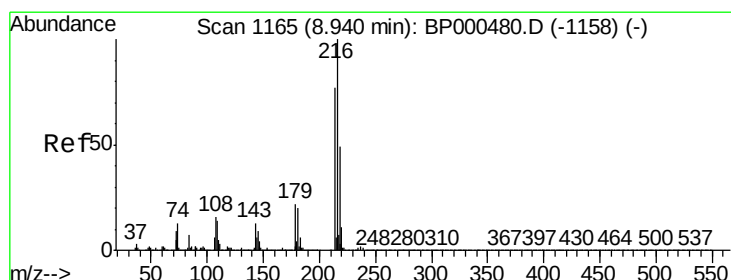
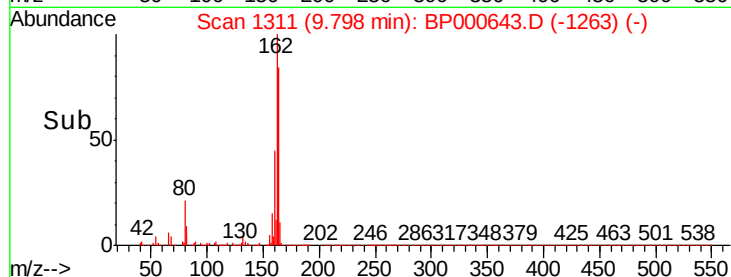
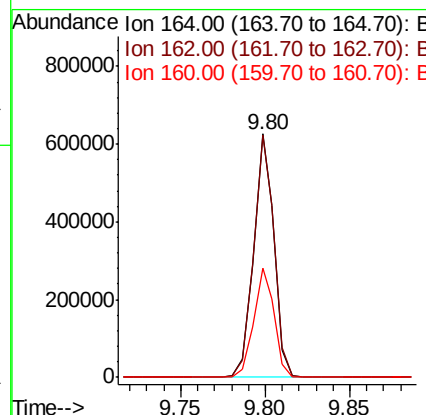
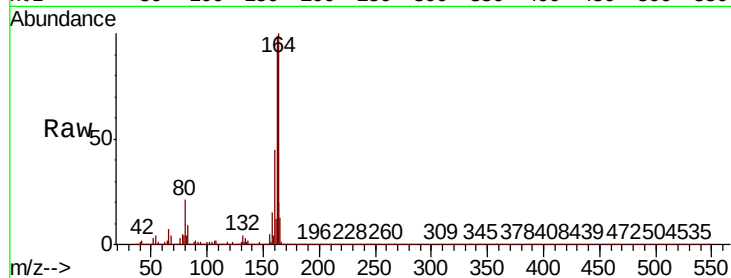
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.2	123.2
160	44.9	37.6	56.4

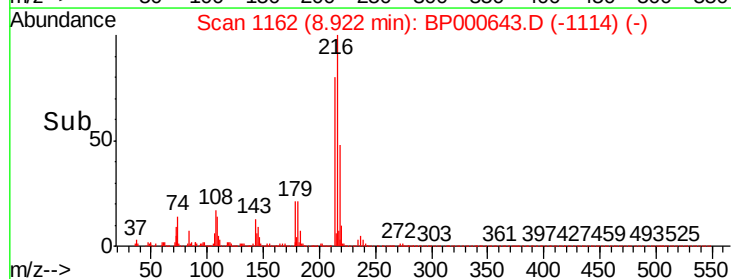
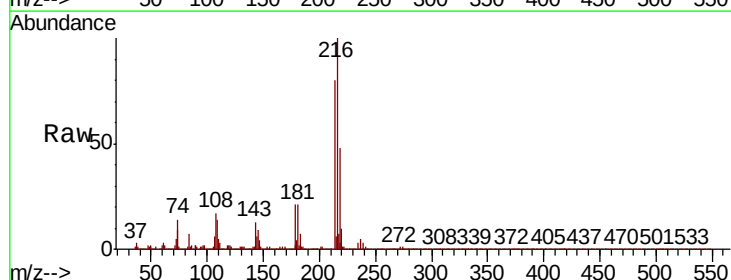
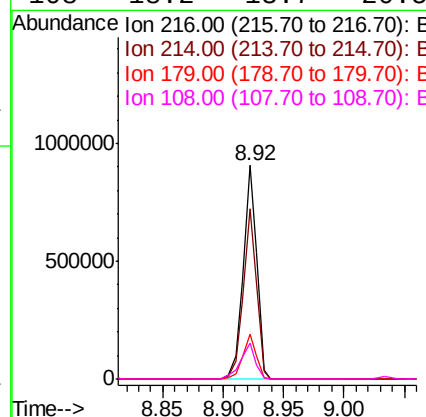
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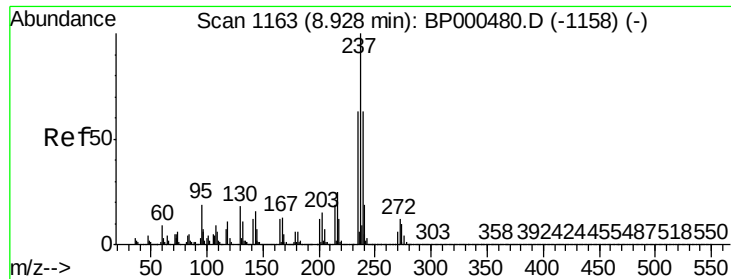
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.880 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.7	94.1
179	20.7	16.7	25.1
108	18.2	13.7	20.5





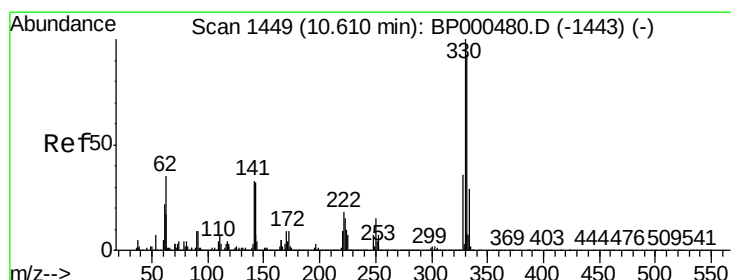
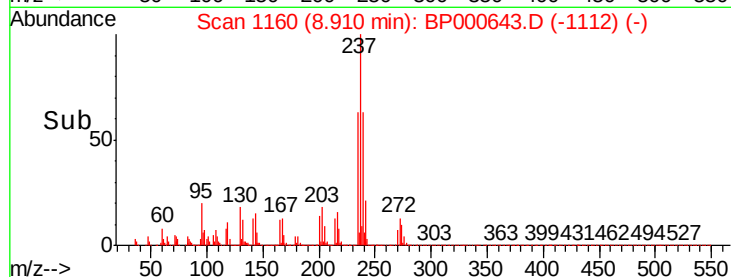
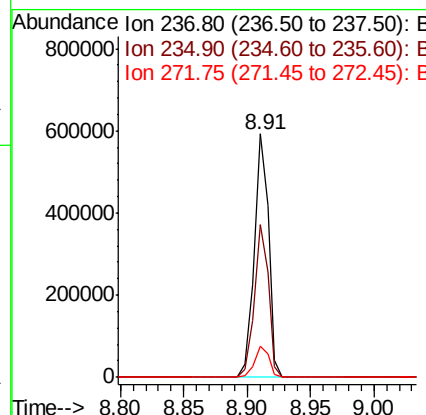
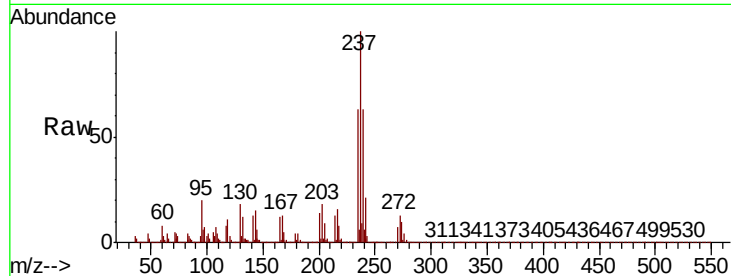
#41
Hexachlorocyclopentadiene
Concen: 70.980 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.9	42.9	82.9
272	12.7	0.0	32.4

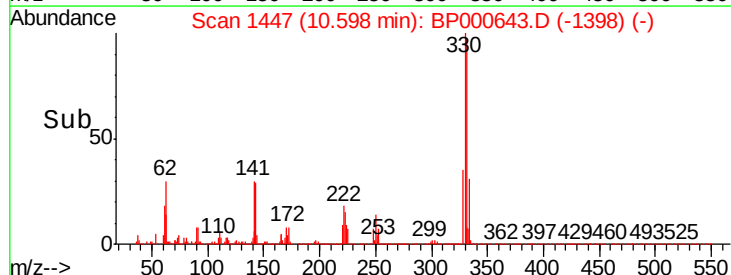
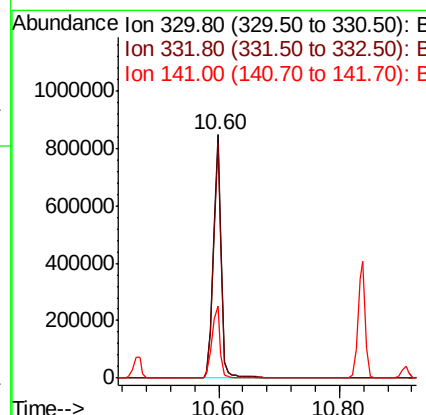
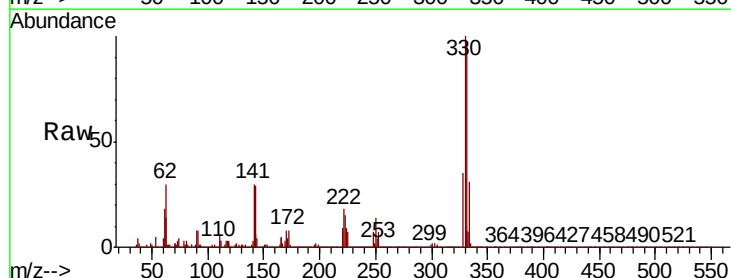
Manual Integrations
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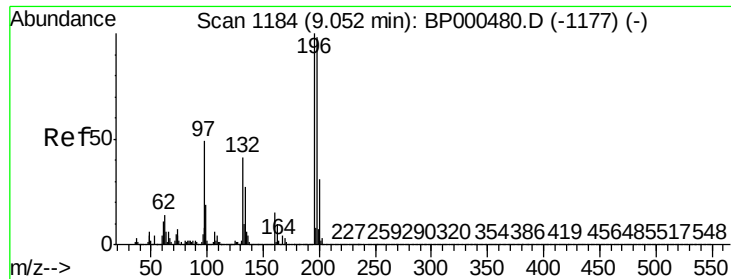
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#42
2,4,6-Tribromophenol
Concen: 141.359 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	77.1	115.7
141	30.4	26.0	39.0





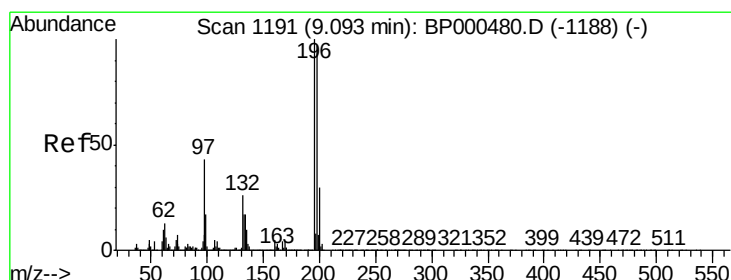
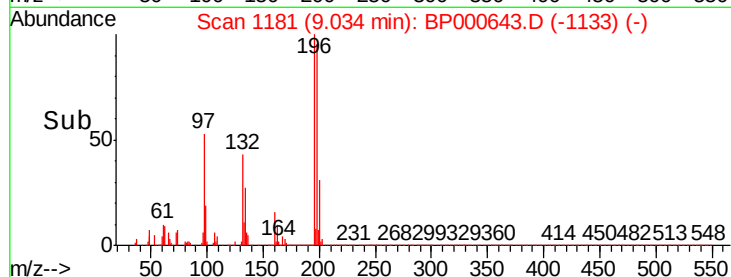
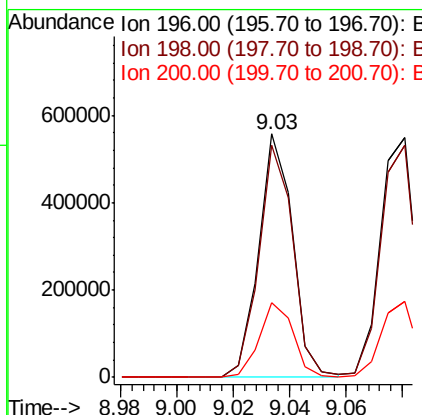
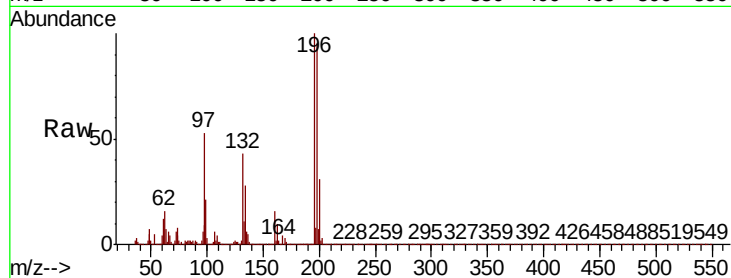
#43
2,4,6-Trichlorophenol
Concen: 45.567 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	465004		
198	95.2	78.2	117.2	
200	30.5	24.9	37.3	

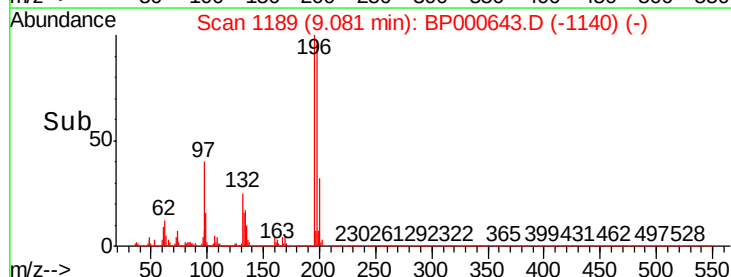
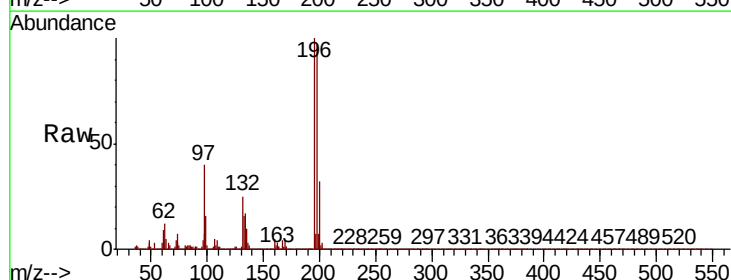
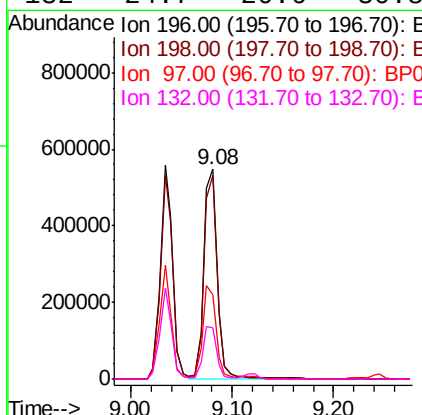
Manual Integrations
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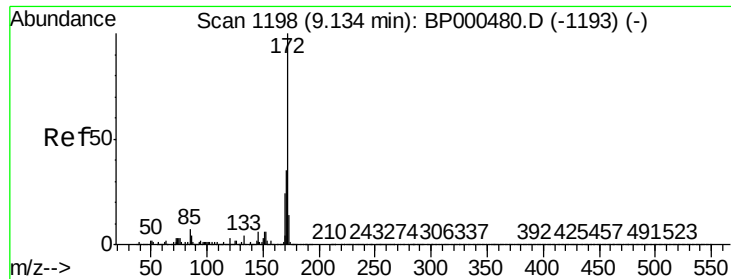
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 47.766 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	503276		
198	97.1	77.4	116.0	
97	40.0	34.6	51.8	
132	24.7	20.6	30.8	





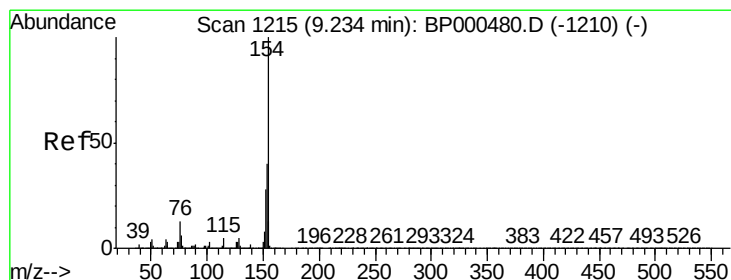
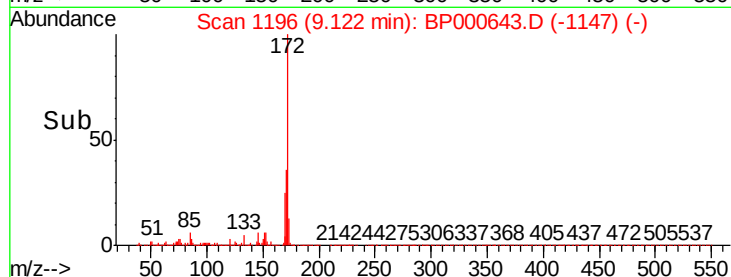
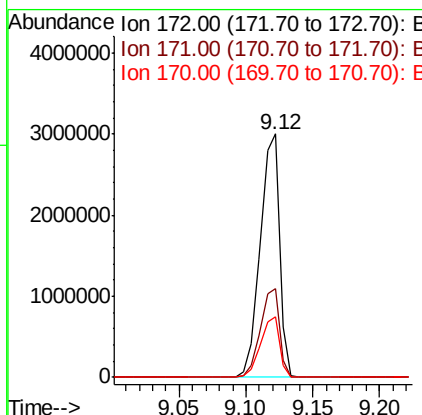
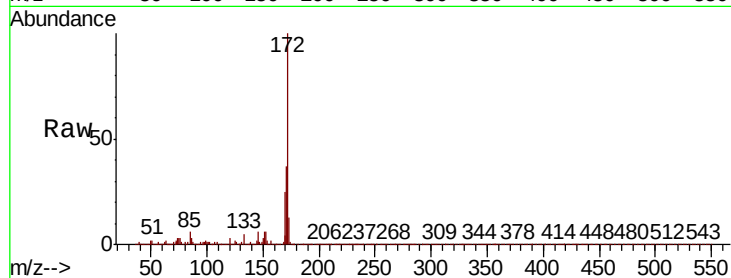
#45
2-Fluorobiphenyl
Concen: 91.548 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.4	42.6
170	24.8	19.1	28.7

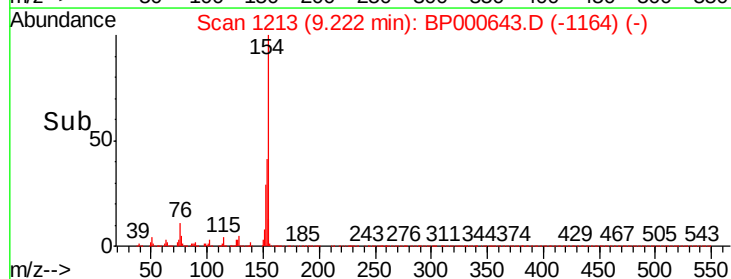
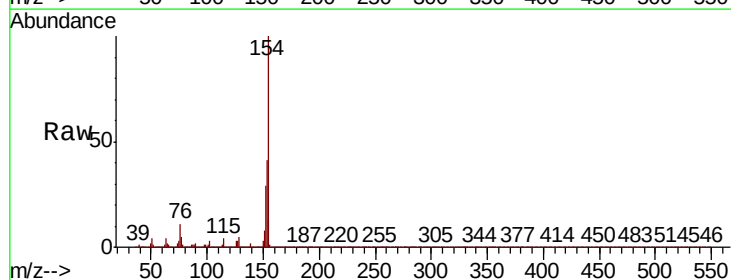
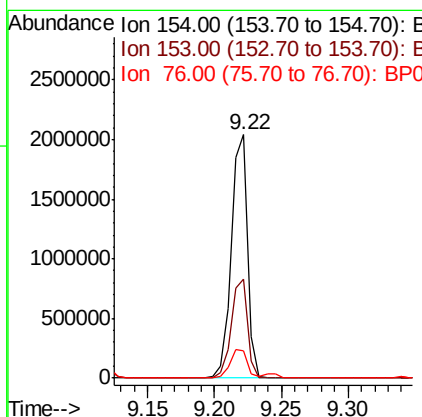
Manual Integrations
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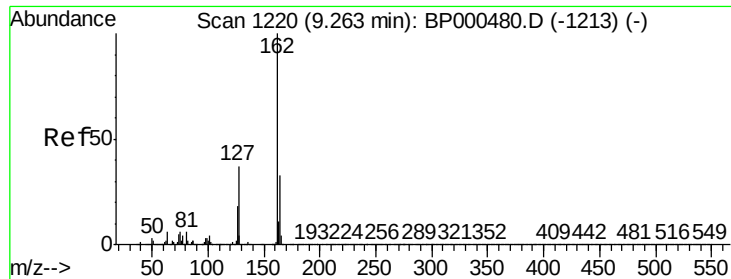
mohammad
10/16/2019 8:03:53 AM



#46
1,1'-Biphenyl
Concen: 44.213 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	19.9	59.9
76	11.0	0.0	32.8





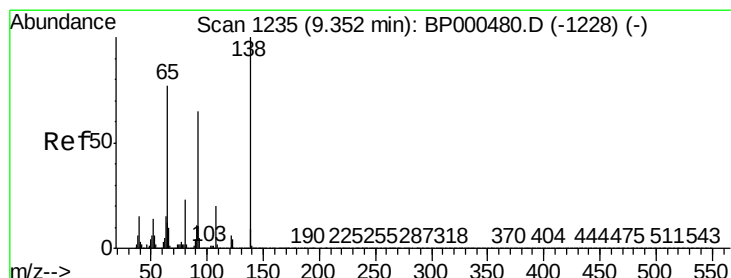
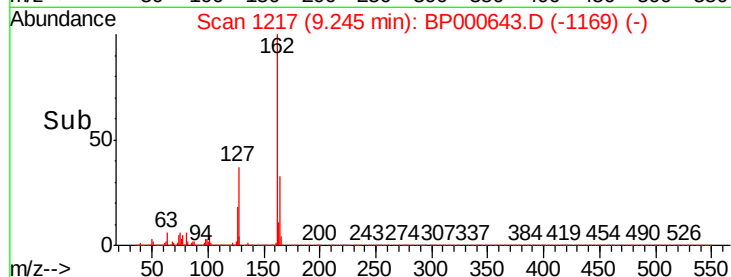
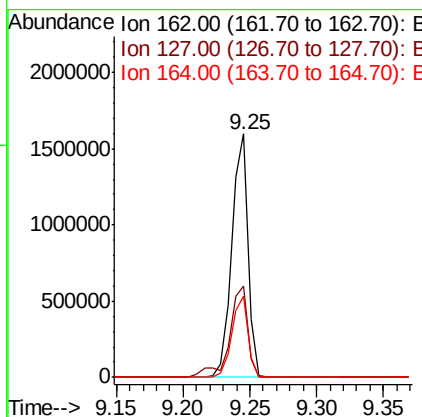
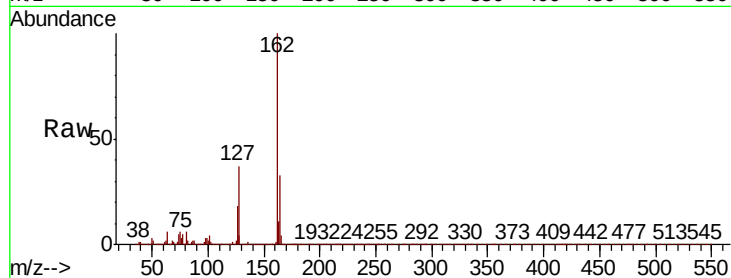
#47
2-Chloronaphthalene
Concen: 44.760 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	29.8	44.6
164	33.3	26.6	39.8

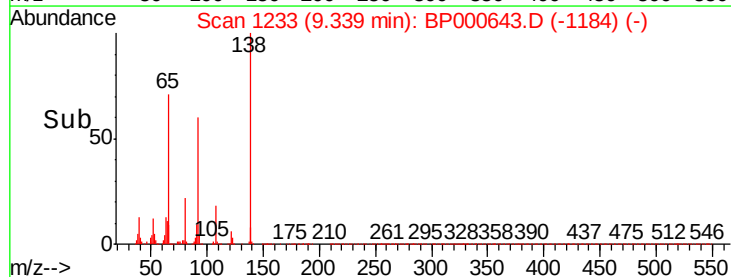
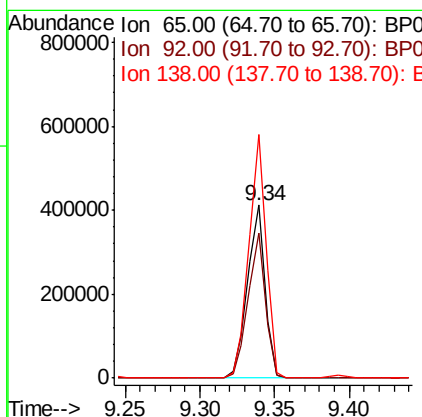
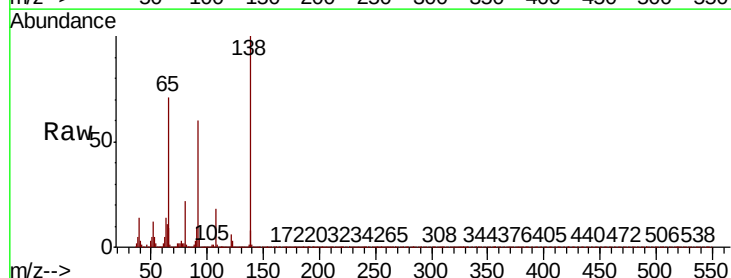
Manual Integrations
APPROVED

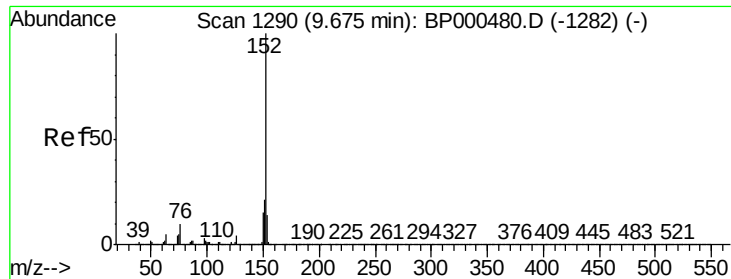
mohammad
10/16/2019 8:03:53 AM



#48
2-Nitroaniline
Concen: 45.307 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
65	100		
92	84.2	67.0	100.4
138	141.1	103.5	155.3





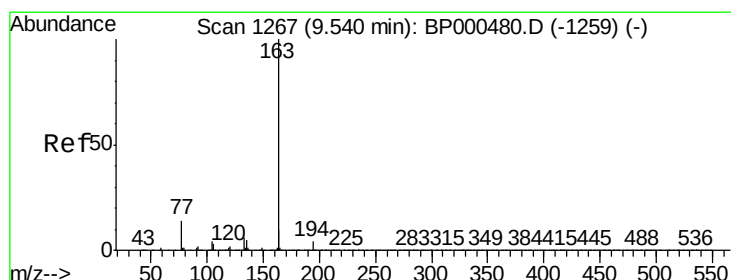
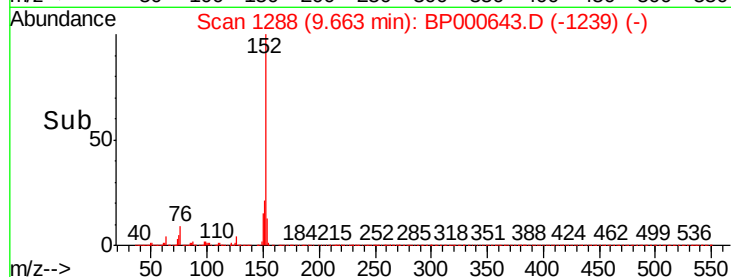
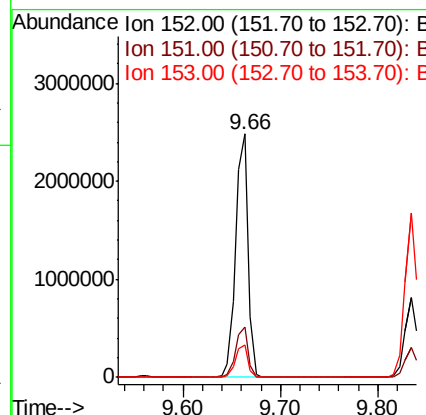
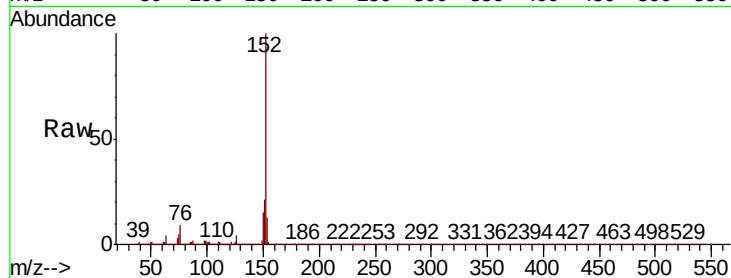
#49
Acenaphthylene
Concen: 47.407 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	13.3	11.0	16.6

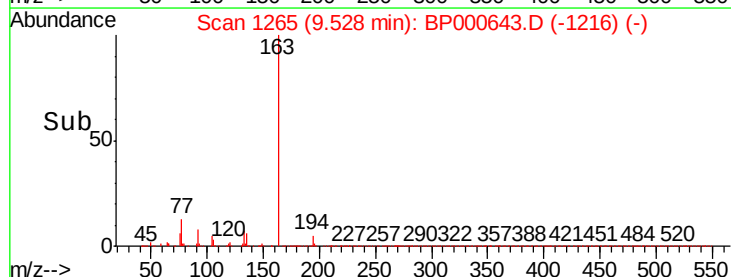
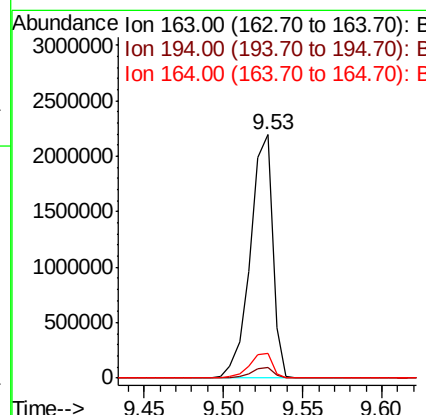
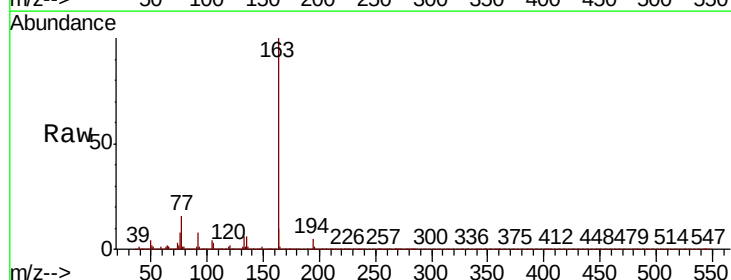
Manual Integrations
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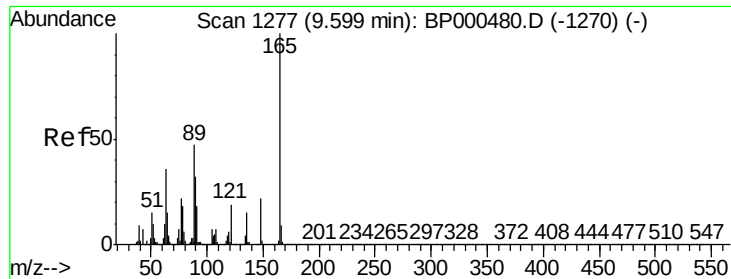
mohammad
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#50
Dimethylphthalate
Concen: 58.899 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.1	8.0	12.0





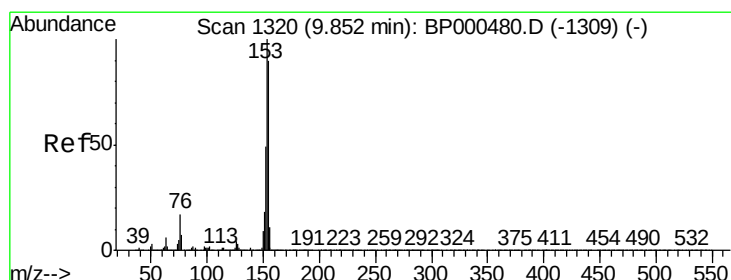
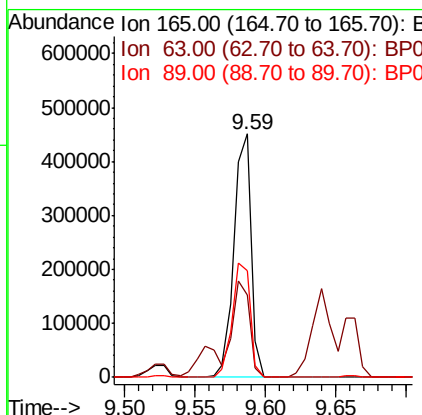
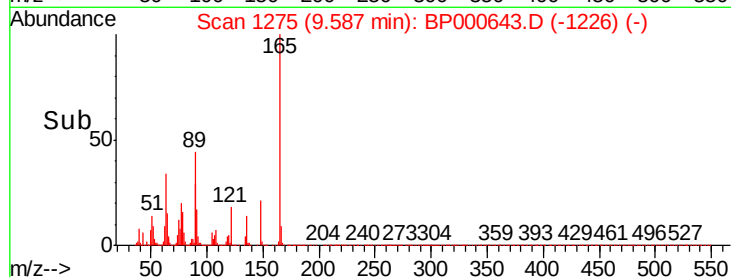
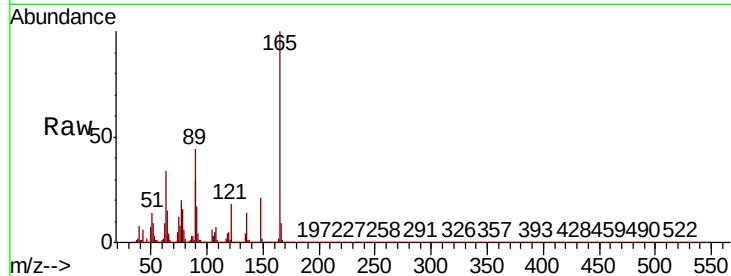
#51
2,6-Dinitrotoluene
Concen: 48.124 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		381925		
63	33.9	29.9	44.9		
89	43.6	37.3	55.9		

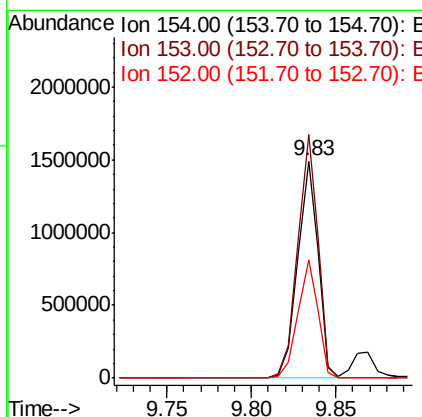
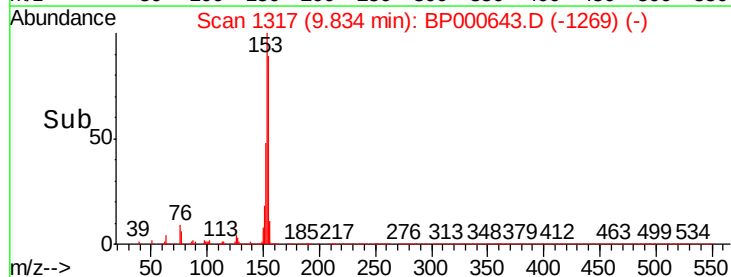
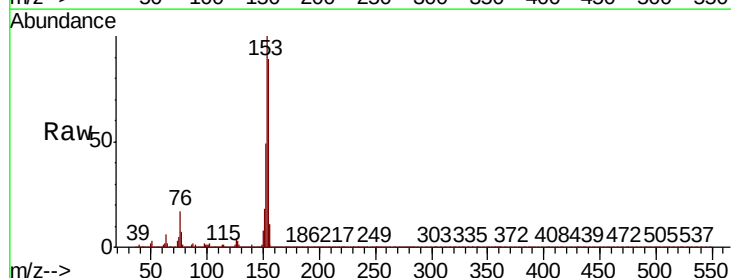
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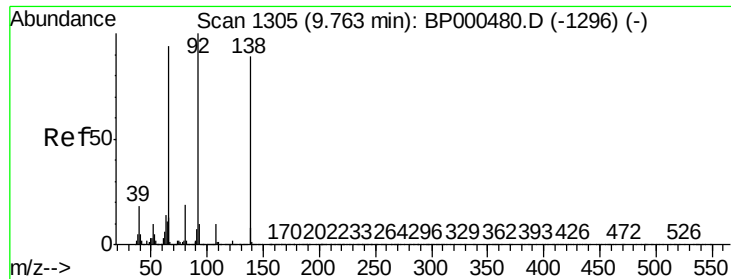
mohammad
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#52
Acenaphthene
Concen: 45.116 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		1262239		
153	112.1	89.4	134.0		
152	54.4	43.8	65.8		





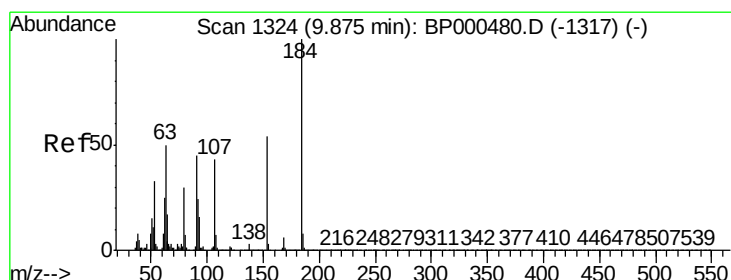
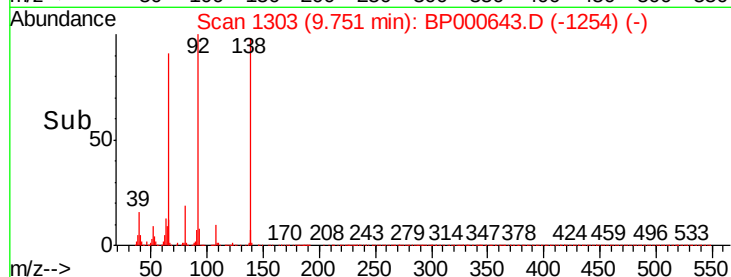
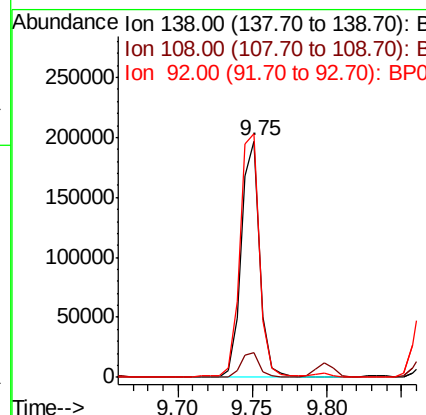
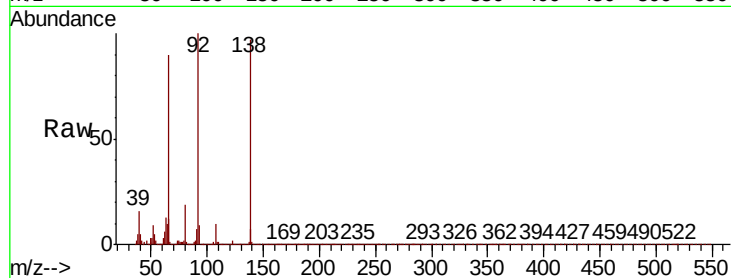
#53
3-Nitroaniline
Concen: 18.838 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.8	13.2
92	103.1	90.4	135.6

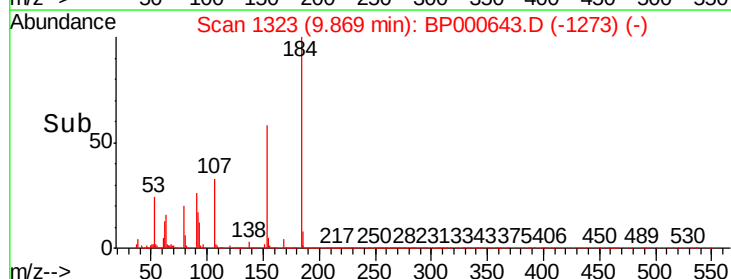
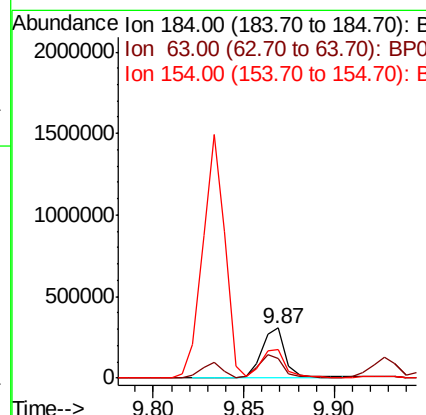
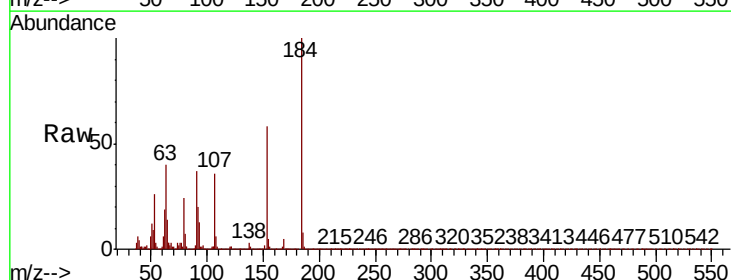
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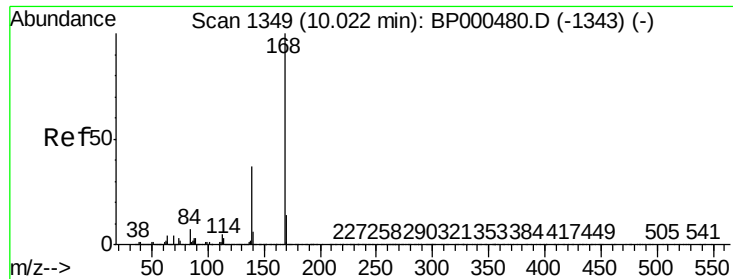
mohammad
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#54
2,4-Dinitrophenol
Concen: 107.351 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	39.9	41.0	61.4#
154	58.5	49.8	74.8





#55

Dibenzofuran

Concen: 46.970 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

Tot Ion:168 Resp: 1964390

Ion Ratio Lower Upper

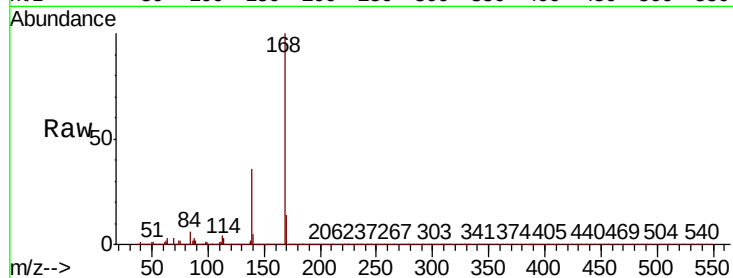
168 100

139 36.4 29.5 44.3

169 13.5 11.1 16.7

Manual Integrations
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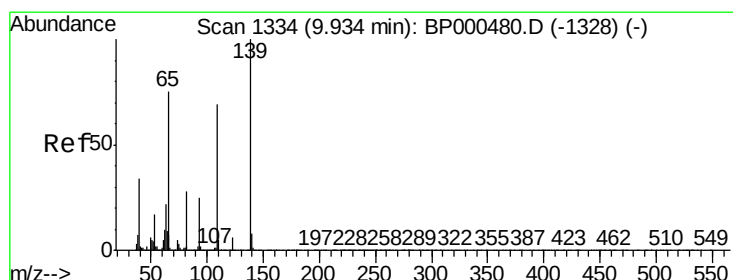
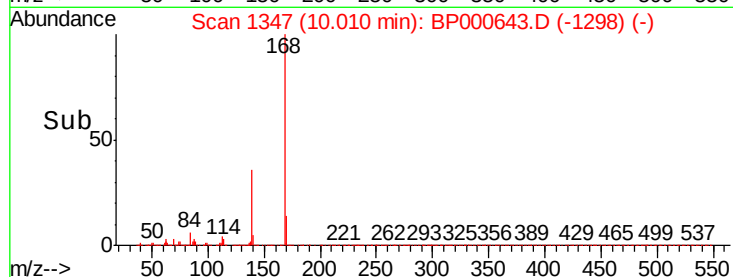
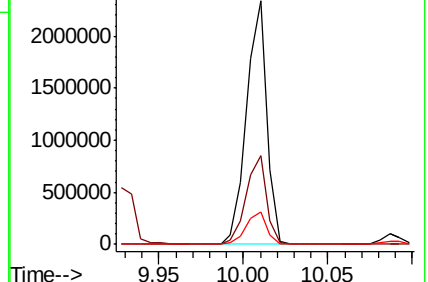
mohammad
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 97.117 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

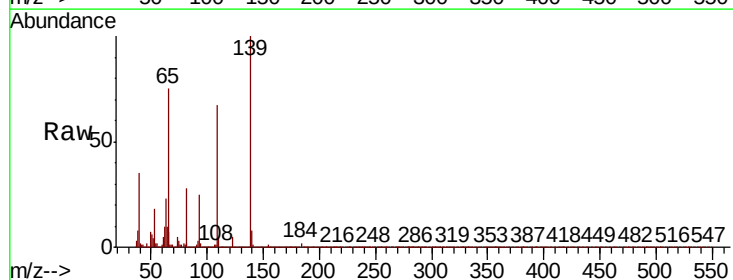
Tgt Ion:139 Resp: 563841

Ion Ratio Lower Upper

139 100

109 67.3 48.6 88.6

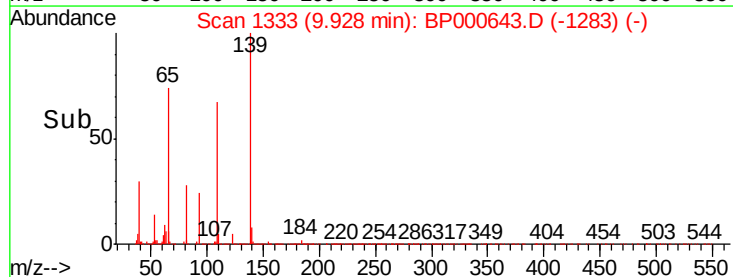
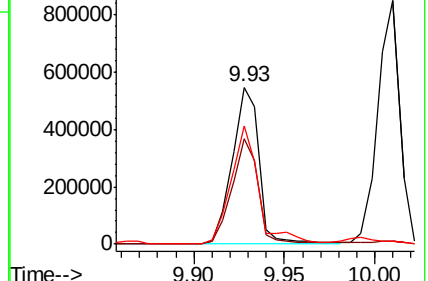
65 75.3 55.3 95.3

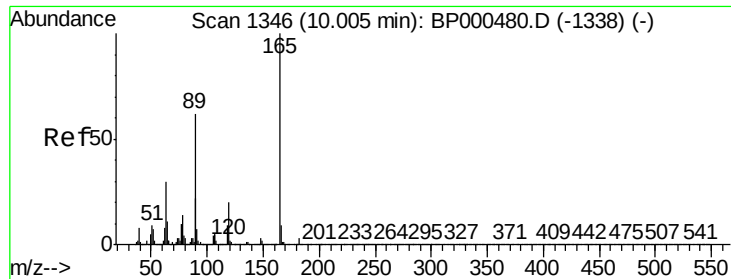


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





#57

2,4-Dinitrotoluene

Concen: 48.083 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

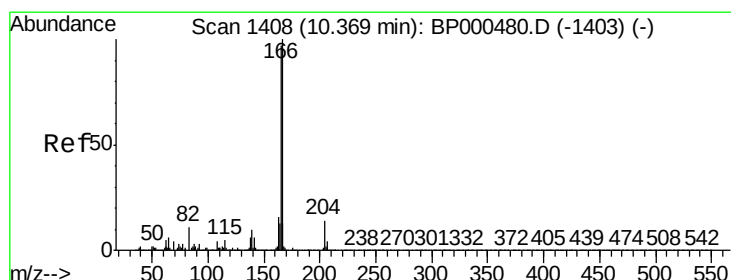
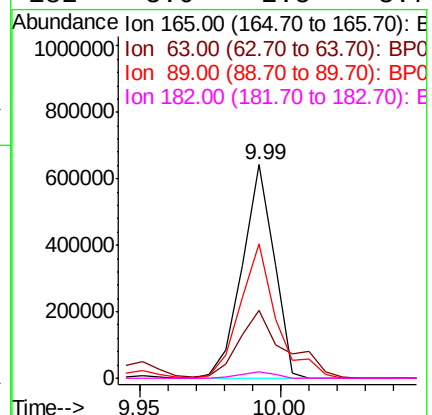
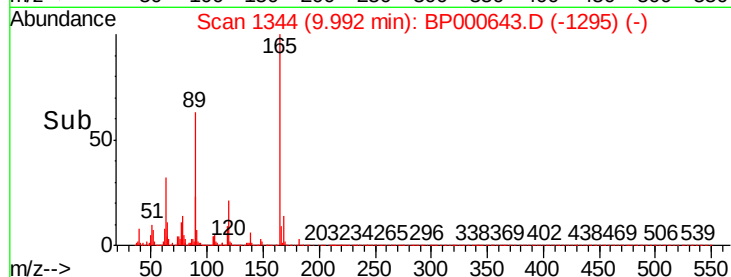
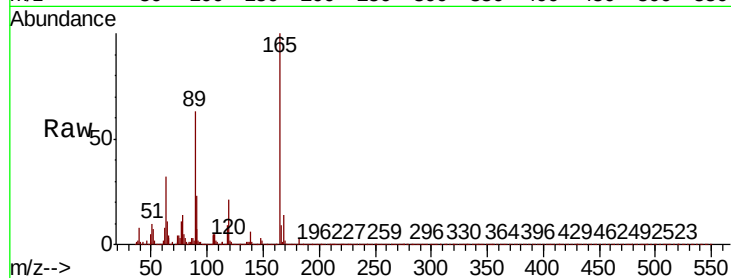
ClientSampleID :

TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		505966		
63	31.8	24.2	36.4		
89	63.0	49.4	74.0		
182	3.0	2.5	3.7		

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#58

Fluorene

Concen: 50.005 ng

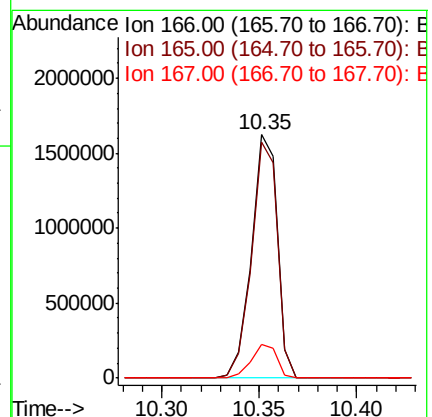
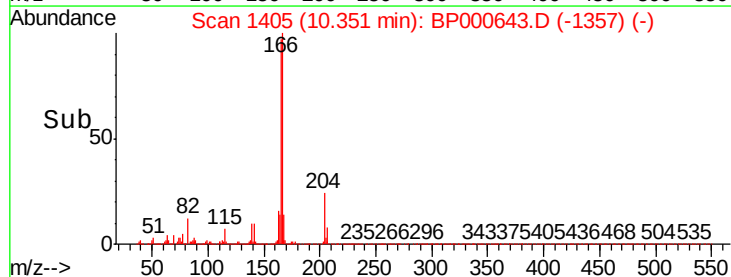
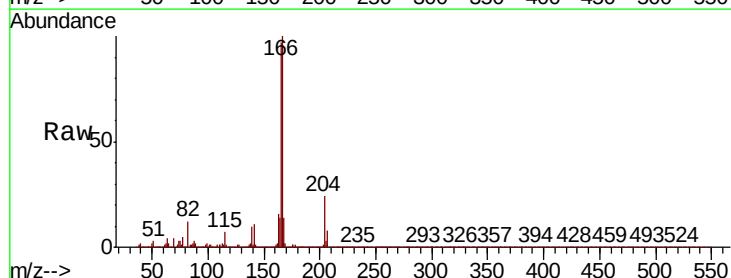
RT: 10.35 min Scan# 1405

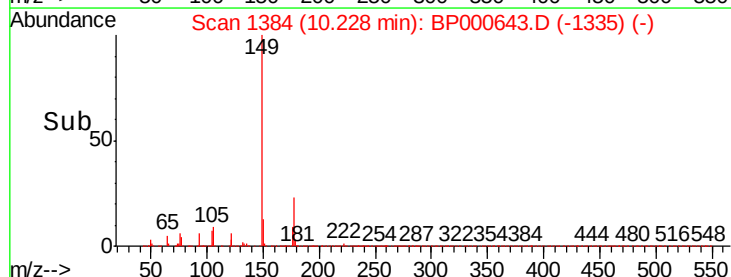
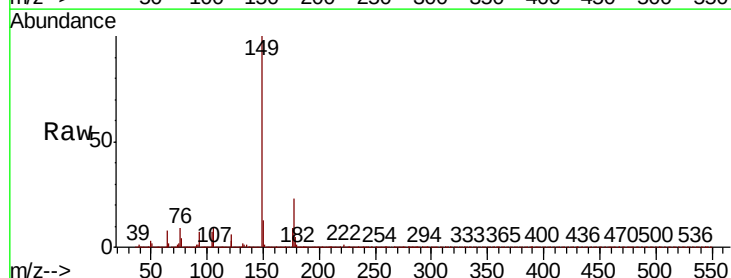
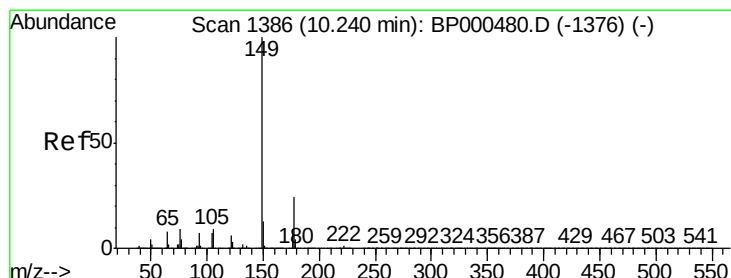
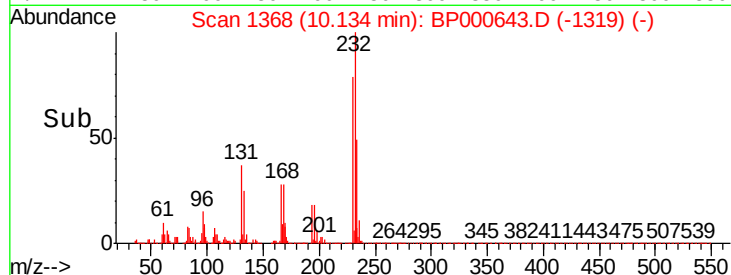
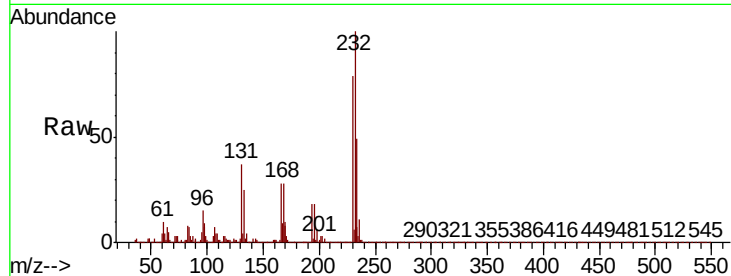
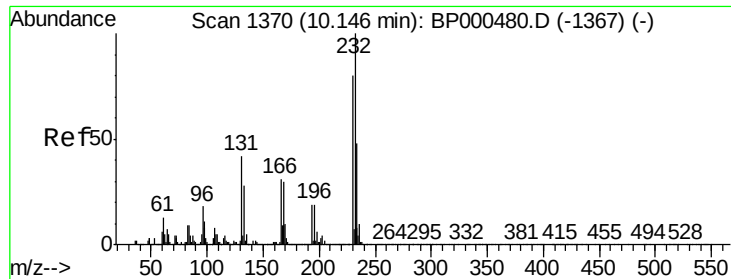
Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1490519		
165	96.8	77.3	115.9		
167	13.7	10.6	16.0		





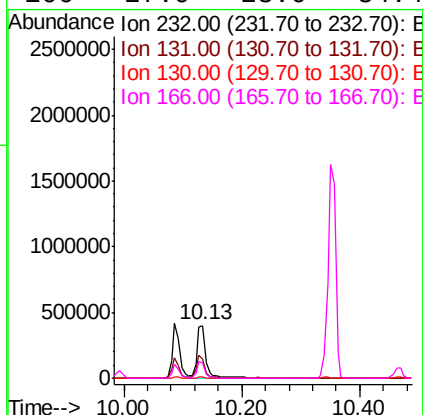
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.846 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	38.3	32.1	48.1
130	2.0	1.6	2.4
166	27.9	23.0	34.4

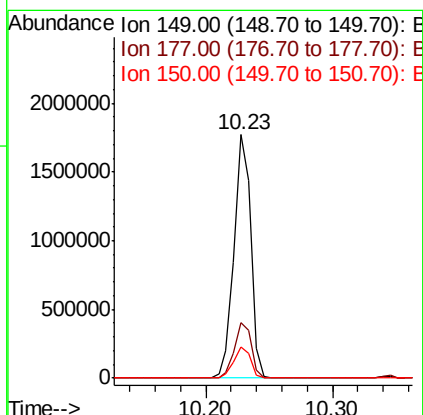
Manual Integrations
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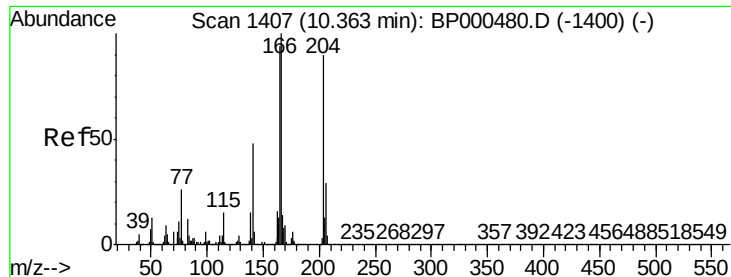
mohammad
10/16/2019 8:03:53 AM



#60
Diethylphthalate
Concen: 46.207 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.9	19.0	28.6
150	13.1	10.8	16.2





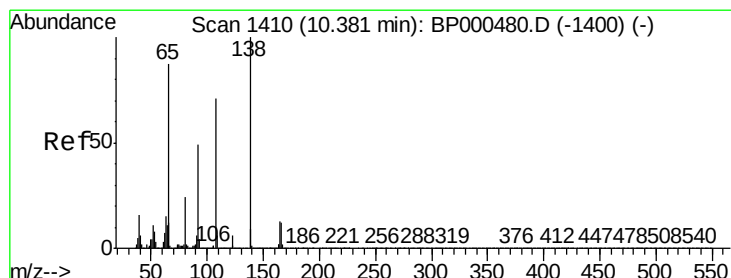
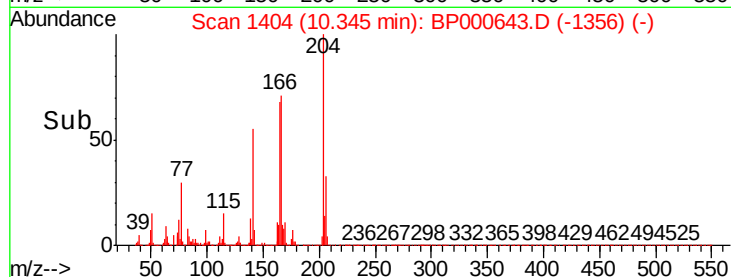
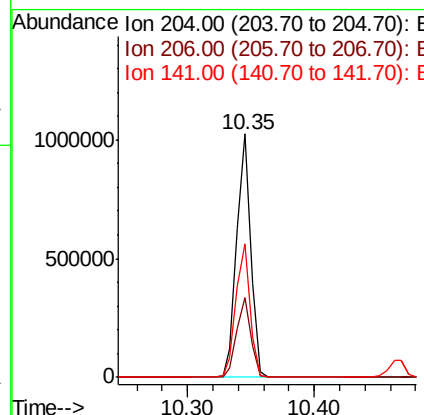
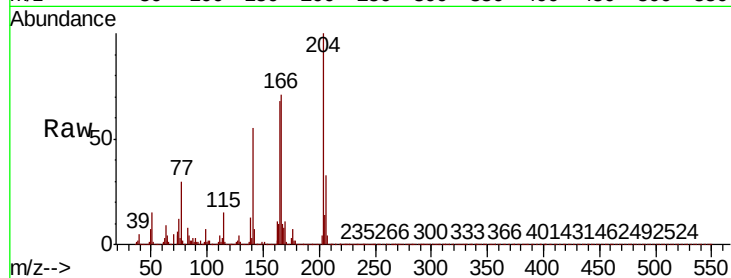
#61
4-Chlorophenyl-phenylether
Concen: 48.414 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.8
141	54.9	42.8	64.2

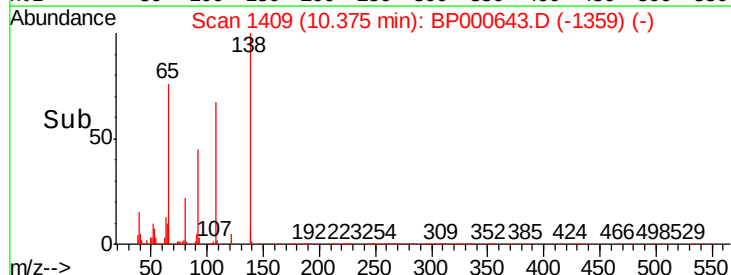
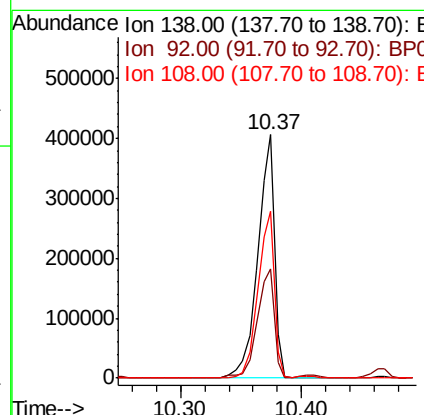
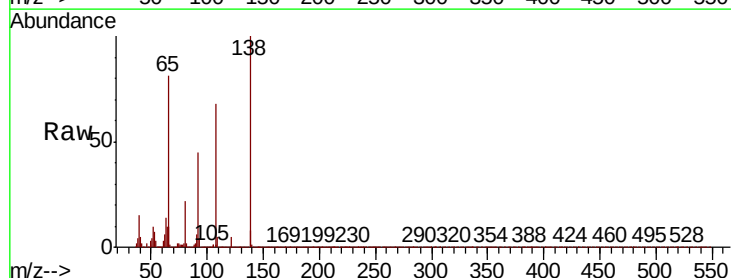
Manual Integrations
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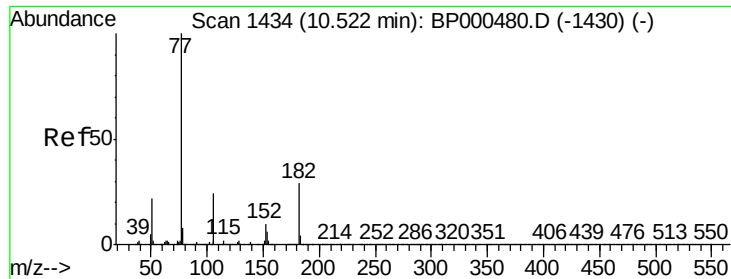
mohammad
10/16/2019 8:03:53 AM



#62
4-Nitroaniline
Concen: 45.188 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.1	28.7	68.7
108	68.4	50.6	90.6





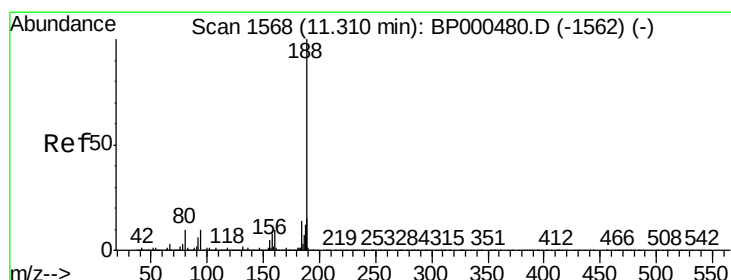
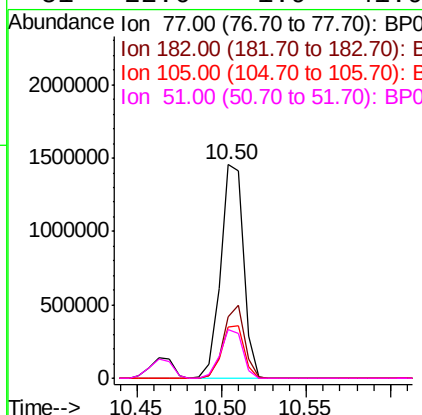
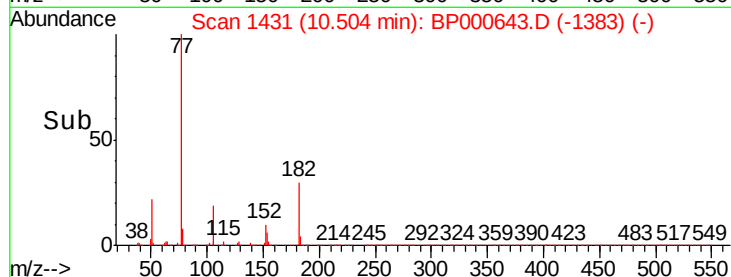
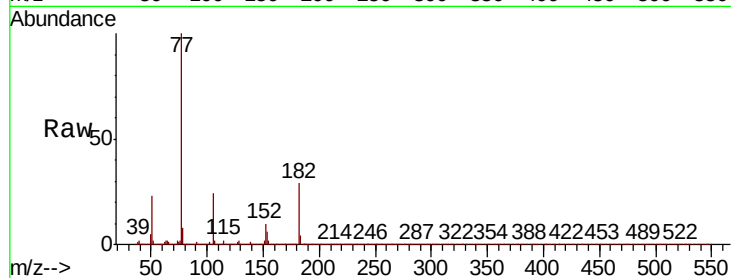
#63
Azobenzene
Concen: 51.681 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.7	9.0	49.0	
105	24.2	3.8	43.8	
51	22.6	1.9	41.9	

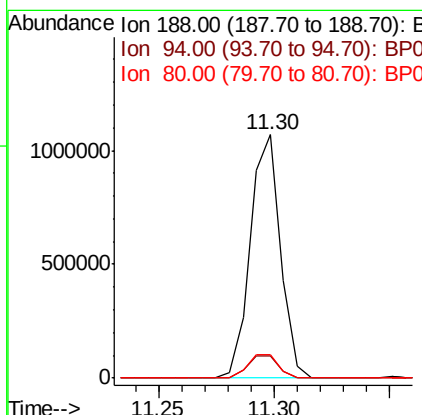
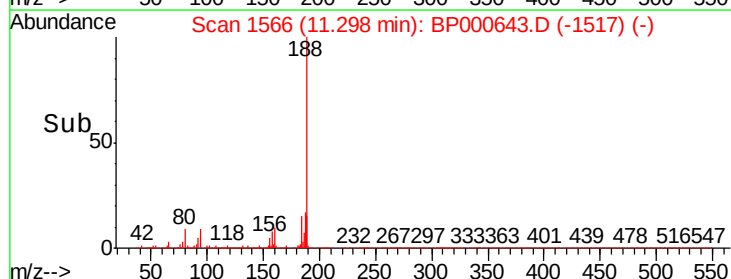
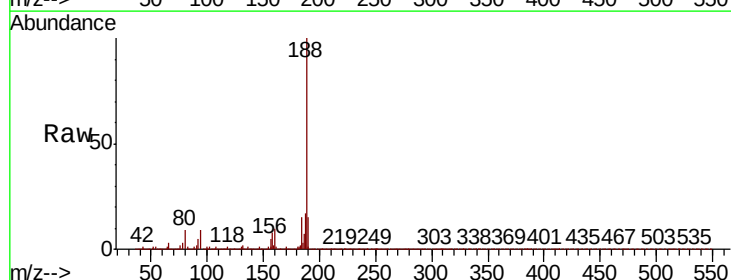
Manual Integrations
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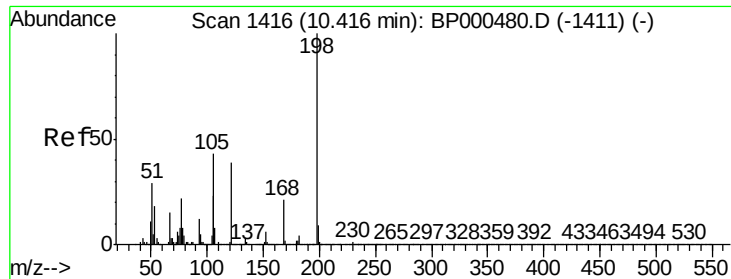
mohammad
10/16/2019 8:03:53 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	8.2	12.2	
80	9.4	8.3	12.5	





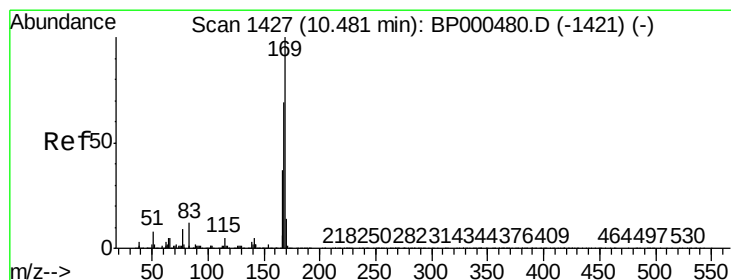
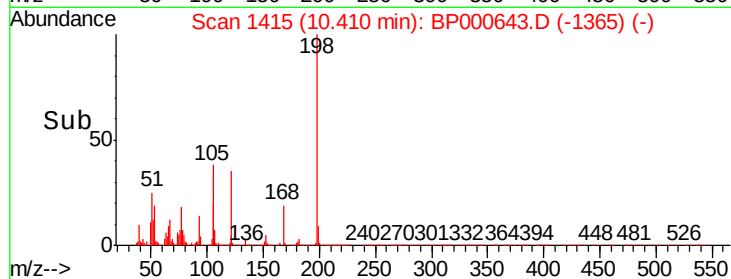
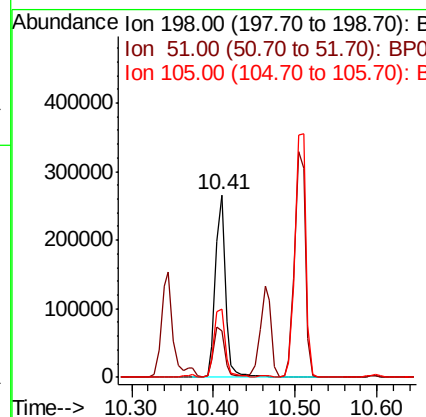
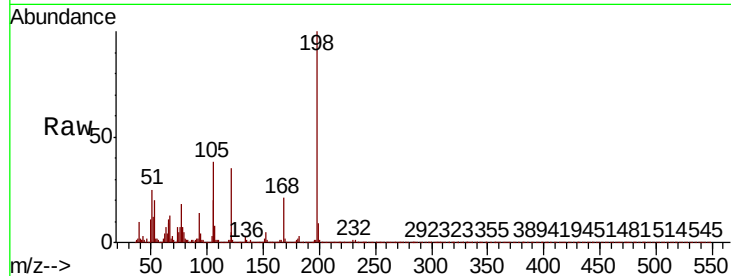
#65
4,6-Dinitro-2-methylphenol
Concen: 52.647 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	227386		
51	25.2	12.8	52.8	
105	37.6	24.0	64.0	

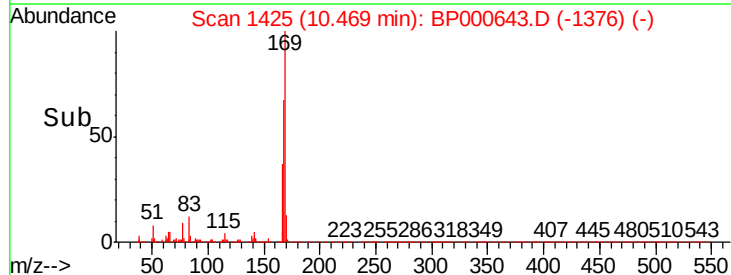
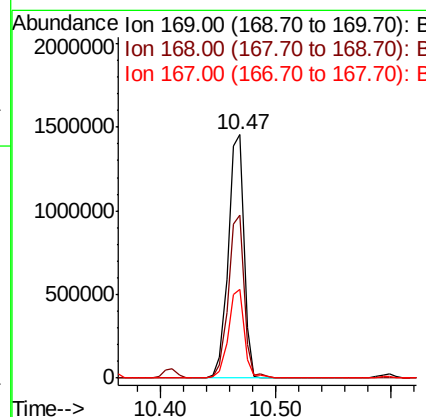
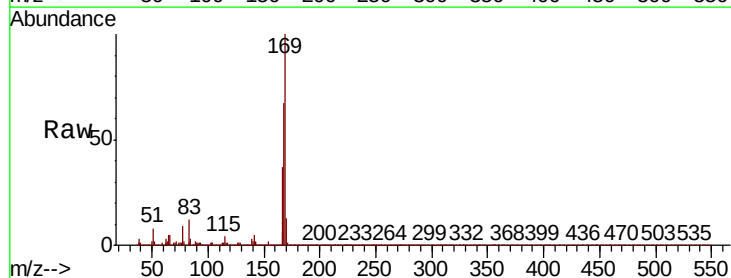
Manual Integrations
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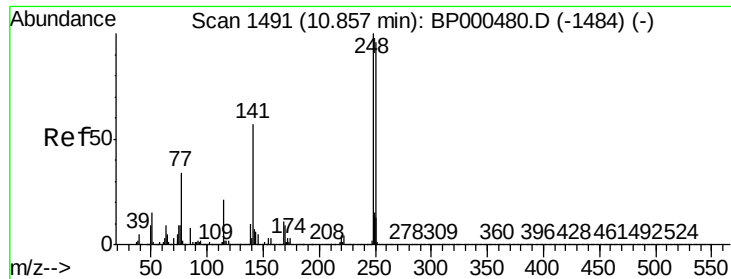
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 48.402 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1373533		
168	67.1	55.4	83.2	
167	36.7	29.4	44.2	





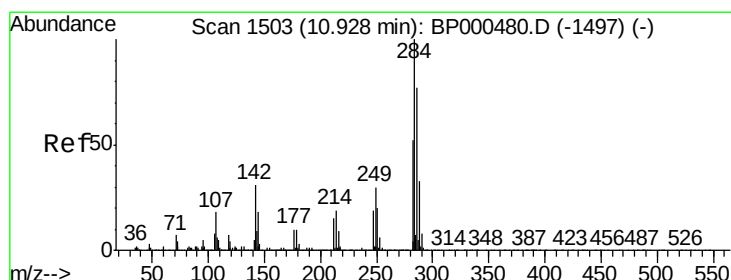
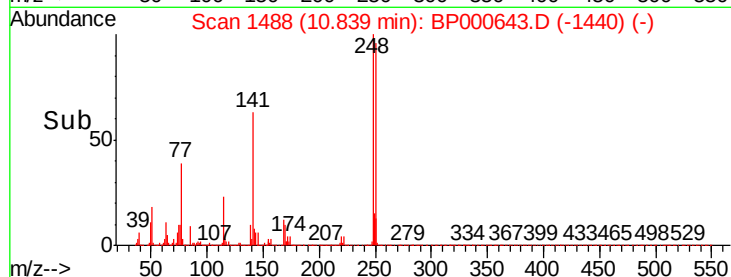
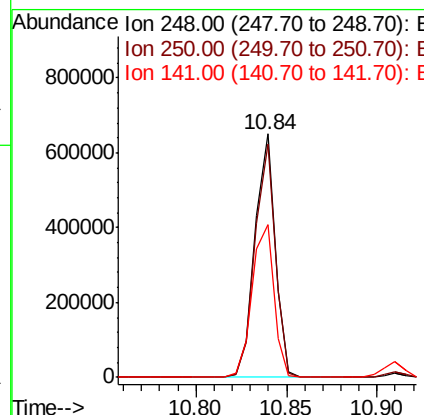
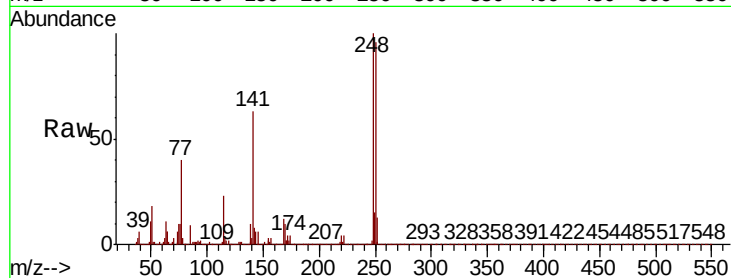
#67
4-Bromophenyl-phenylether
Concen: 46.241 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.2	115.8
141	62.7	45.3	67.9

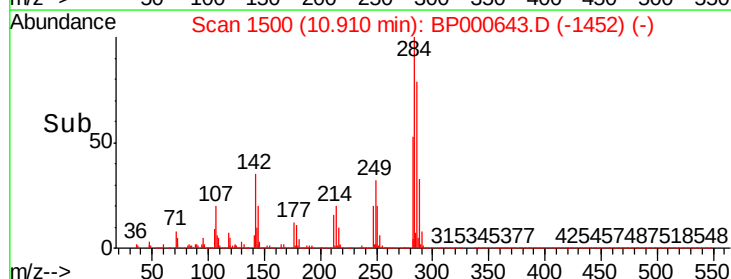
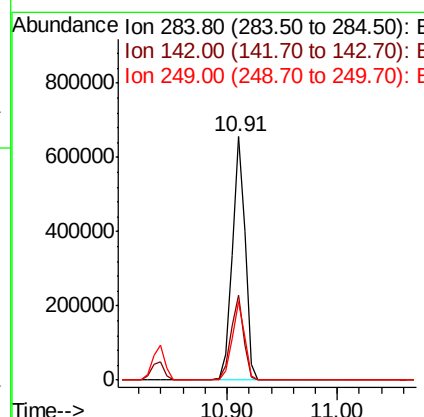
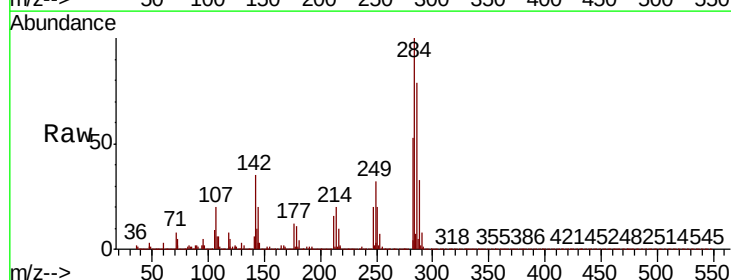
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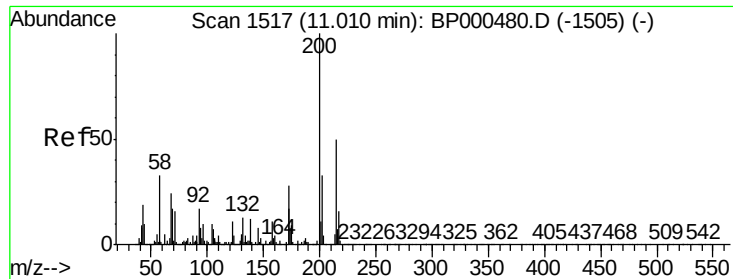
mohammad
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#68
Hexachlorobenzene
Concen: 42.845 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	24.6	37.0
249	32.1	24.1	36.1





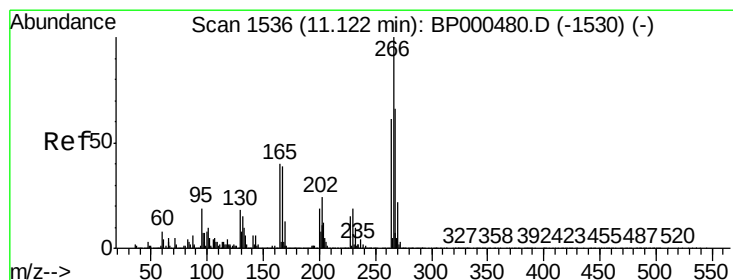
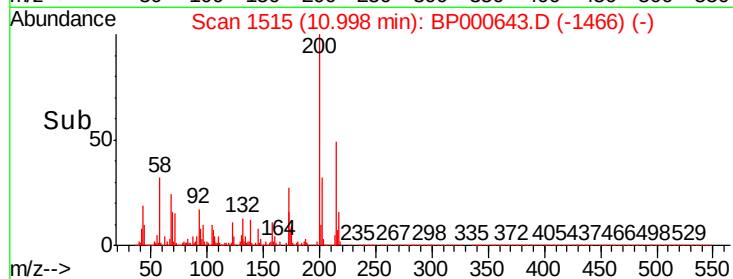
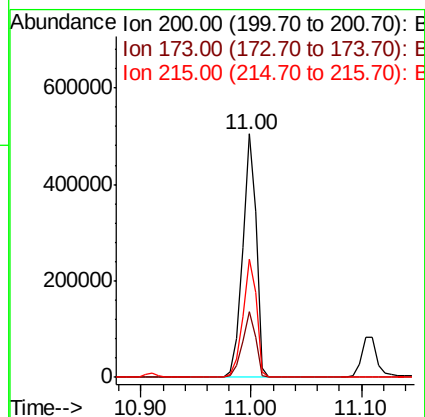
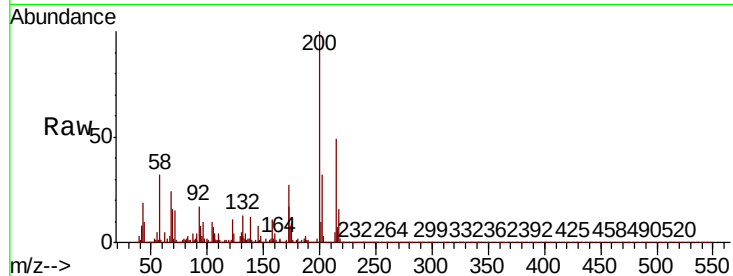
#69
Atrazine
Concen: 46.706 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.2	7.6	47.6	
215	48.6	29.5	69.5	

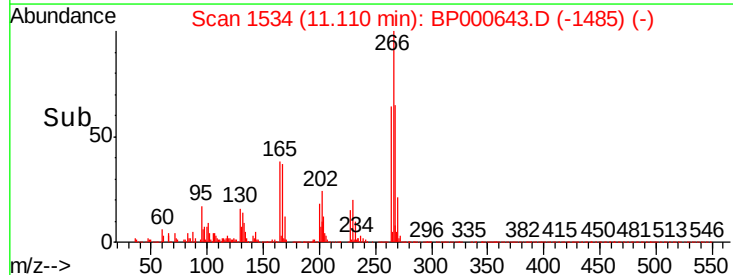
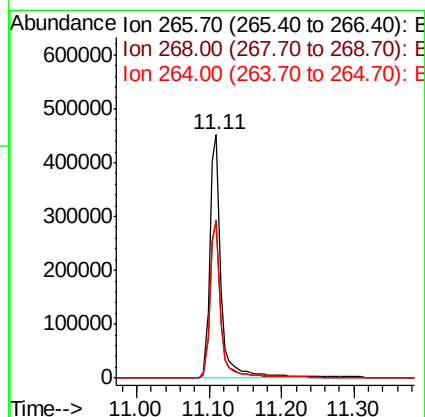
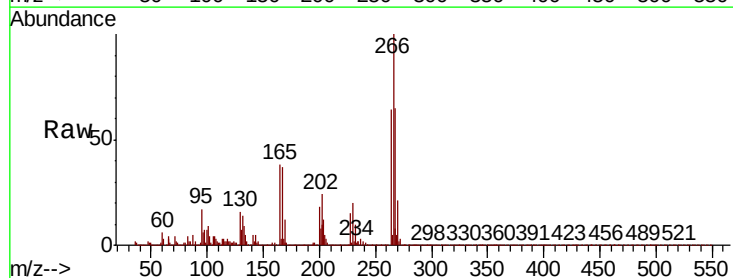
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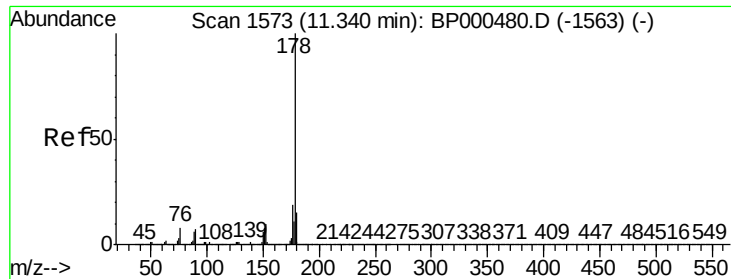
mohammad
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#70
Pentachlorophenol
Concen: 97.654 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	65.1	53.2	79.8	
264	64.1	49.0	73.4	





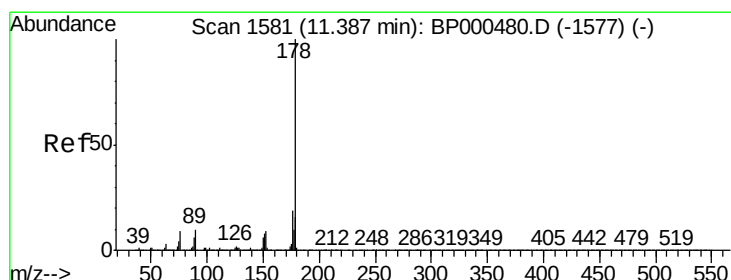
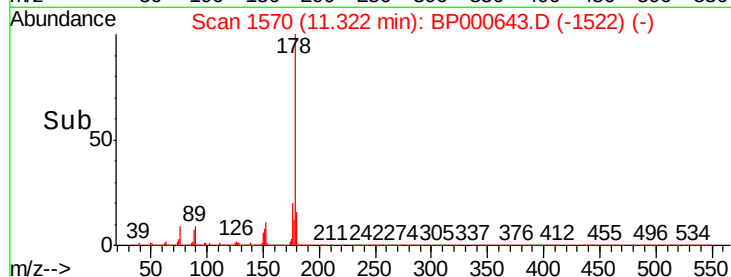
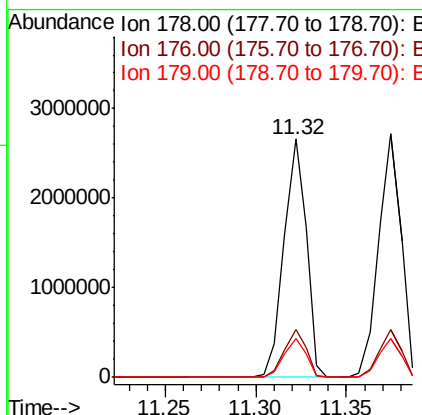
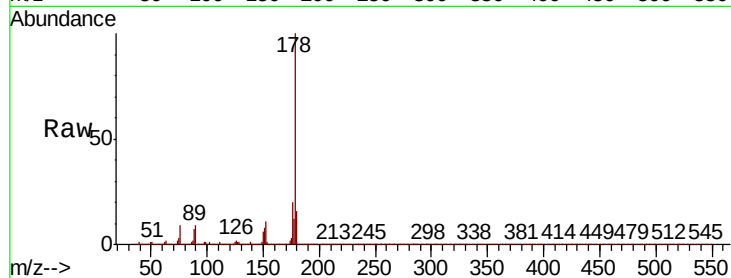
#71
Phenanthrene
Concen: 46.693 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.4	23.2
179	16.2	12.2	18.4

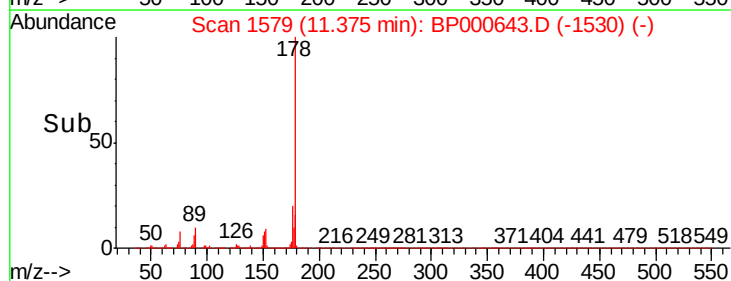
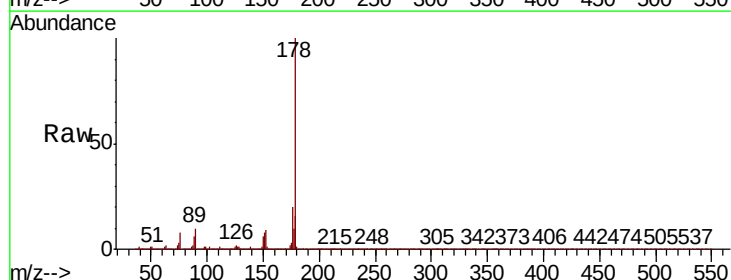
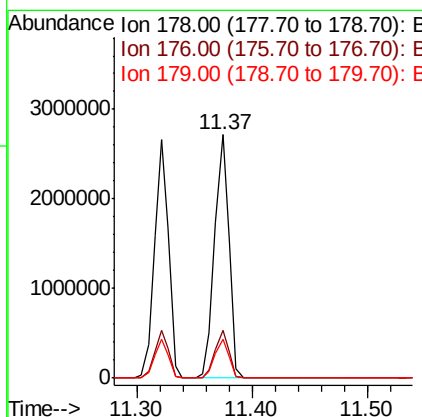
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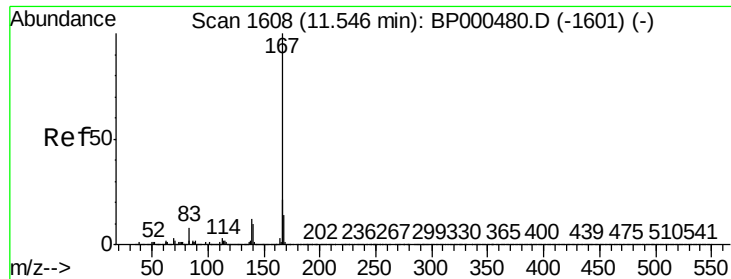
mohammad
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#72
Anthracene
Concen: 48.365 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.0	12.6	19.0





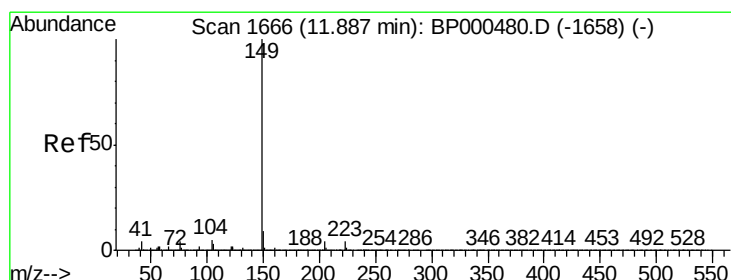
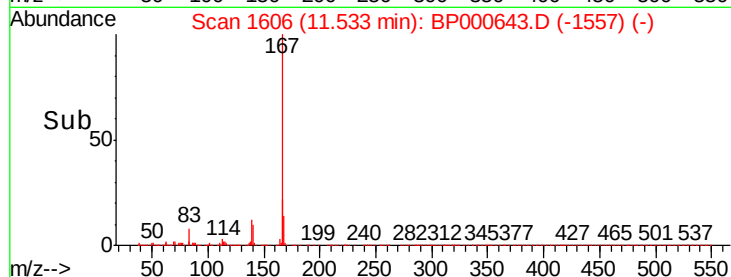
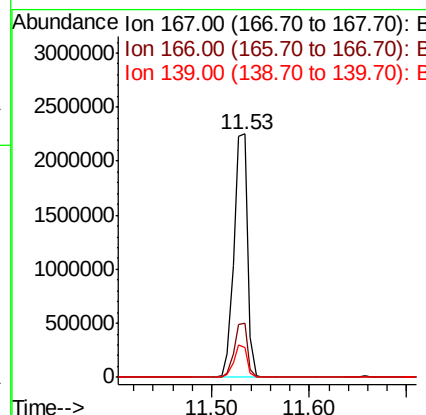
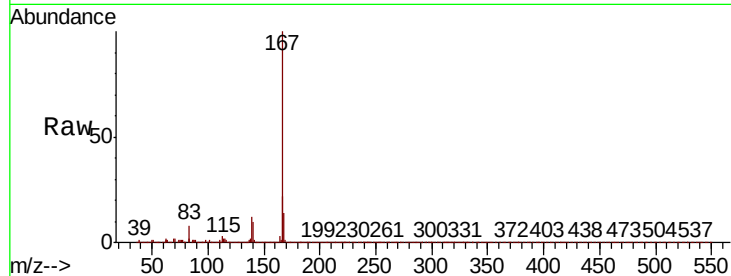
#73
 Carbazole
 Concen: 48.248 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BP000643.D
 Acq: 11 Oct 2019 19:58

Instrument :
 BNA_P
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	12.5	9.7	14.5

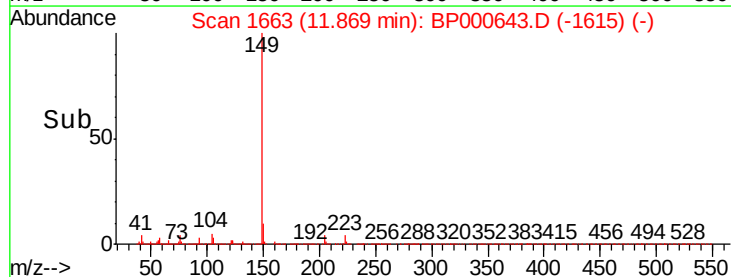
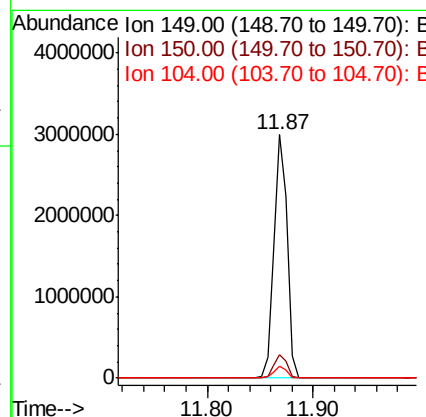
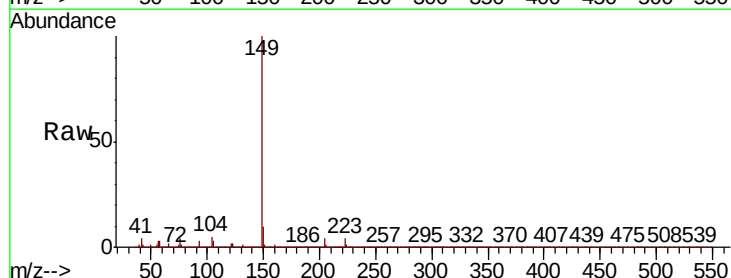
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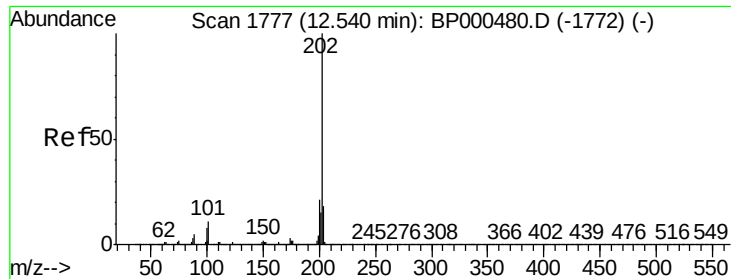
mohammad
 10/16/2019 8:03:53 AM



#74
 Di-n-butylphthalate
 Concen: 46.868 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BP000643.D
 Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.4	11.2
104	4.8	3.7	5.5





#75

Fluoranthene

Concen: 46.105 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

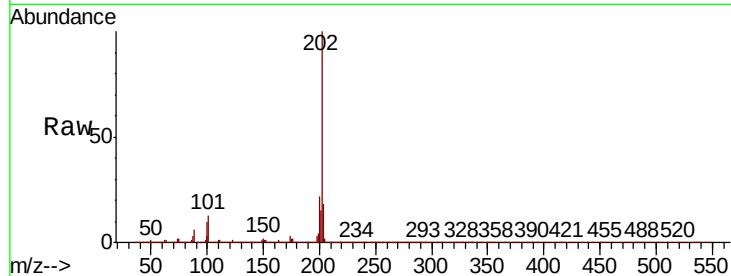
ClientSampleId :

TP-10MSD

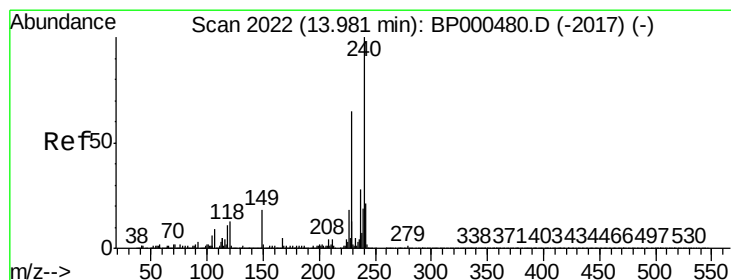
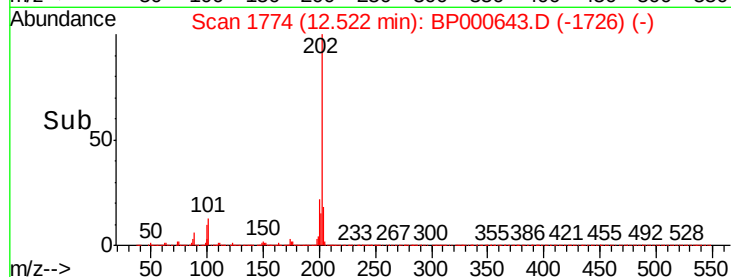
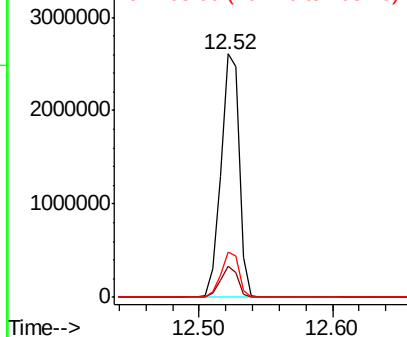
Tot Ion:	202	Resp:	2533826
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	31.3
203	18.3	0.0	38.1

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



#76

Chrysene-d12

Concen: 20.000 ng

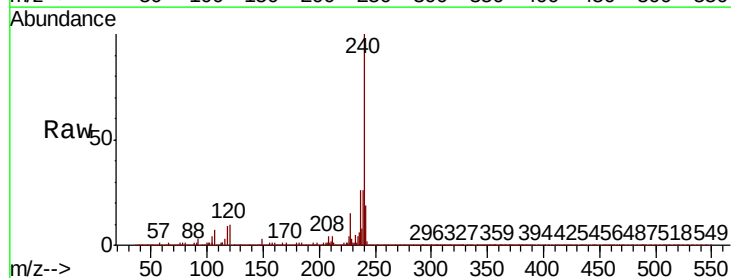
RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

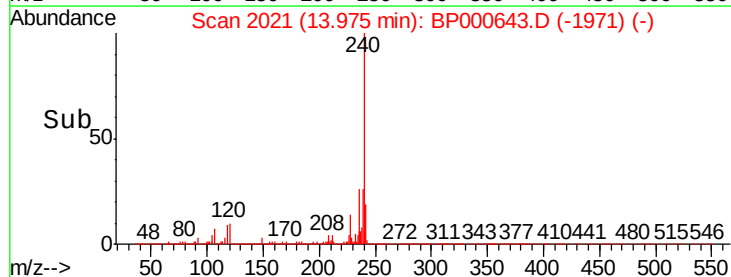
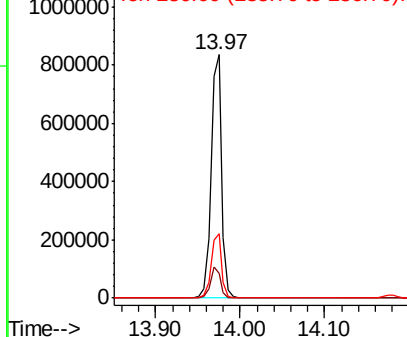
Lab File: BP000643.D

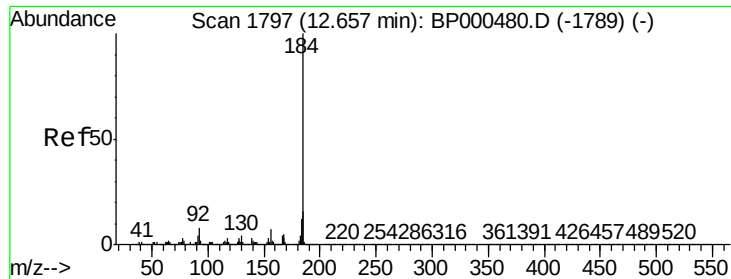
Acq: 11 Oct 2019 19:58

Tgt Ion:	240	Resp:	739065
Ion Ratio	Lower	Upper	
240	100		
120	10.1	10.1	15.1
236	26.4	22.7	34.1



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





#77

Benzidine

Concen: 50.488 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

Tot Ion:184 Resp: 1080526

Ion Ratio Lower Upper

184 100

185 15.2 12.7 19.1

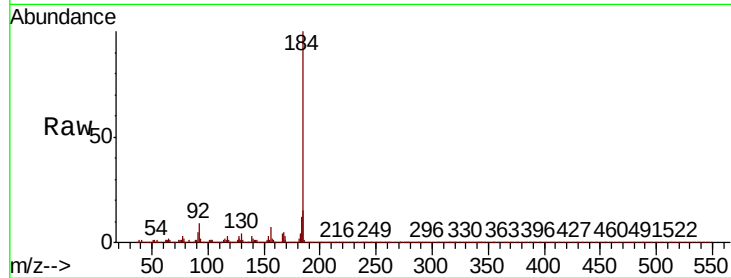
183 11.9 9.7 14.5

Manual Integrations

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mohammad

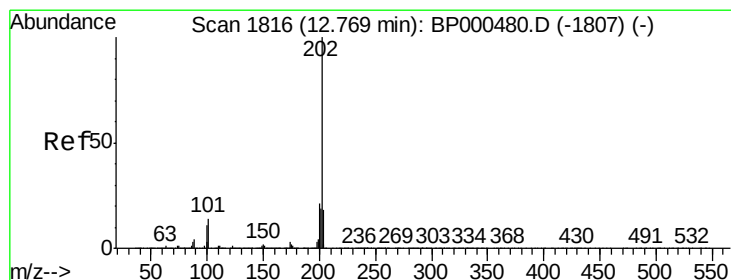
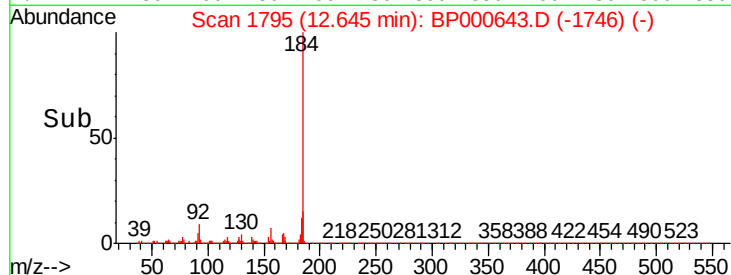
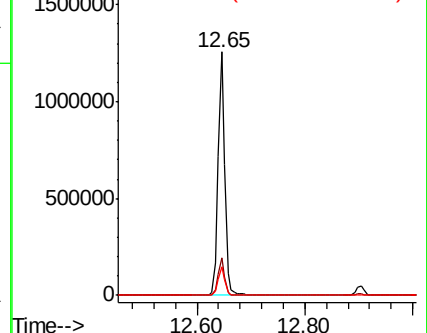
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.273 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

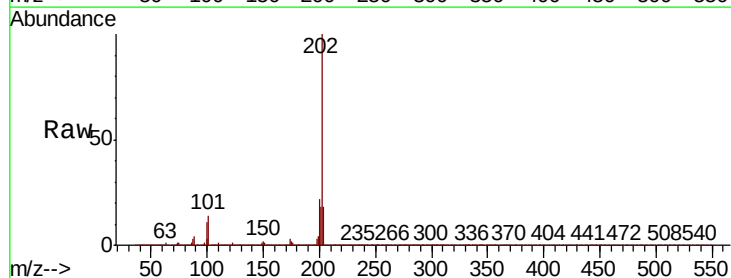
Tgt Ion:202 Resp: 2562563

Ion Ratio Lower Upper

202 100

200 22.1 17.1 25.7

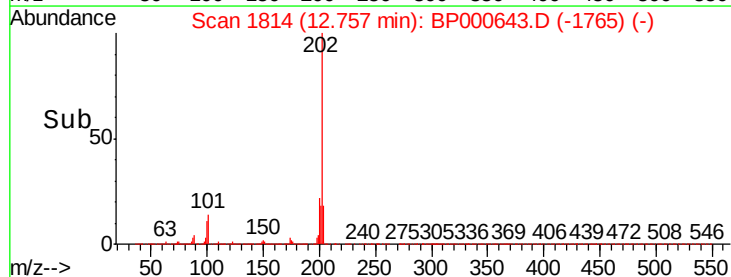
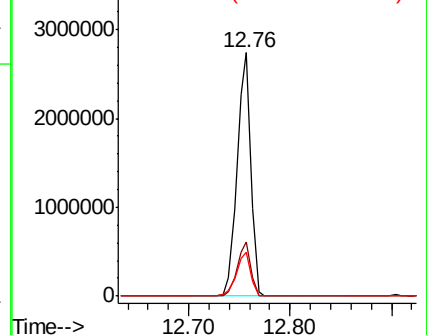
203 17.8 14.6 21.8

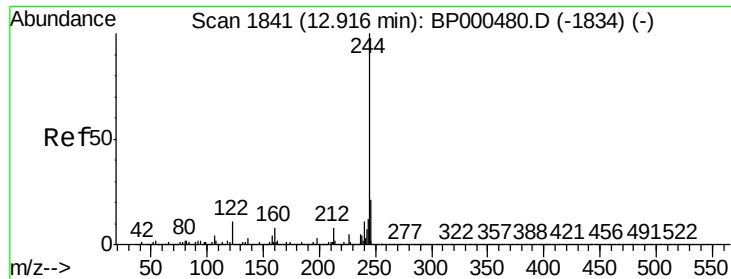


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 96.149 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

Tot Ion:244 Resp: 3509631

Ion Ratio Lower Upper

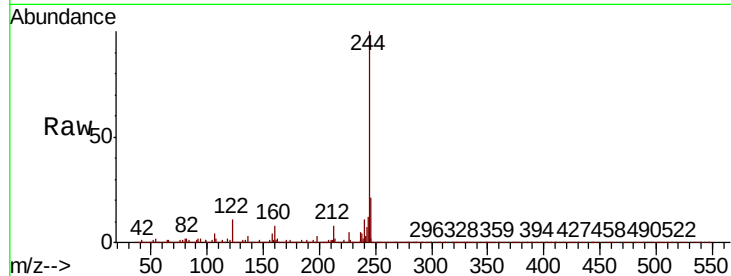
244 100

212 7.8 6.0 9.0

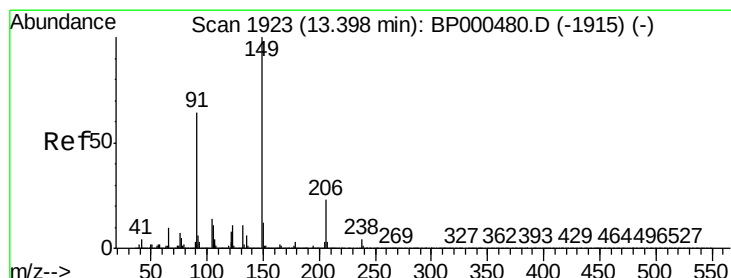
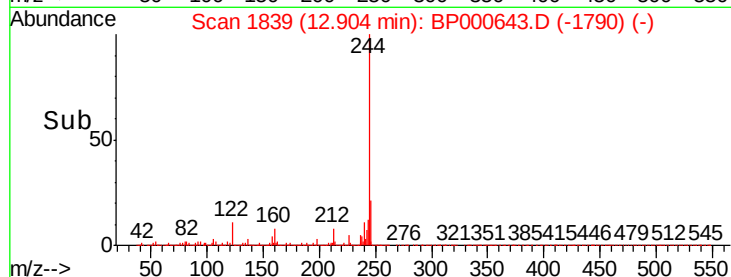
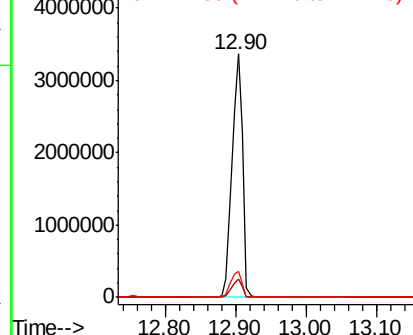
122 10.7 8.9 13.3

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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: 50.747 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

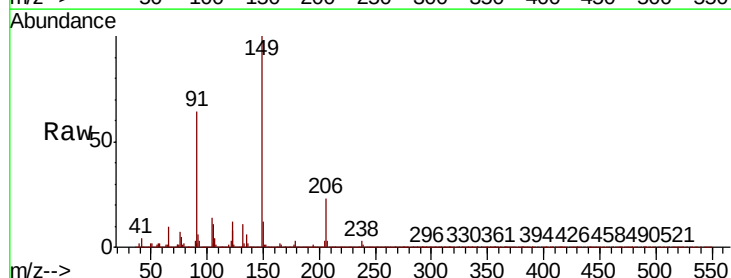
Tgt Ion:149 Resp: 1127192

Ion Ratio Lower Upper

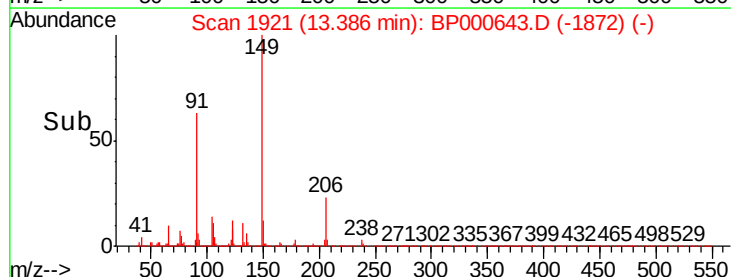
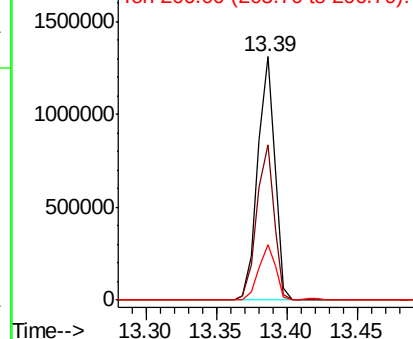
149 100

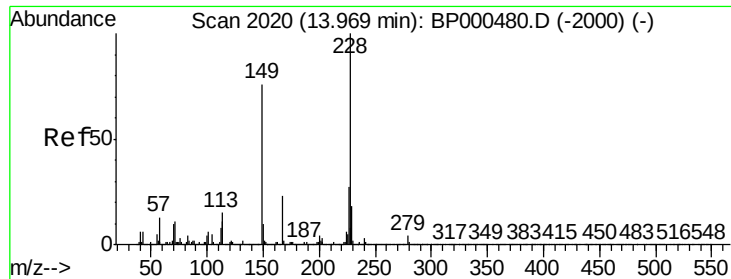
91 63.5 51.0 76.4

206 22.8 18.2 27.4



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





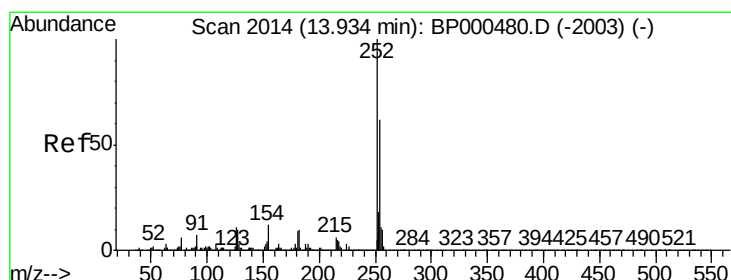
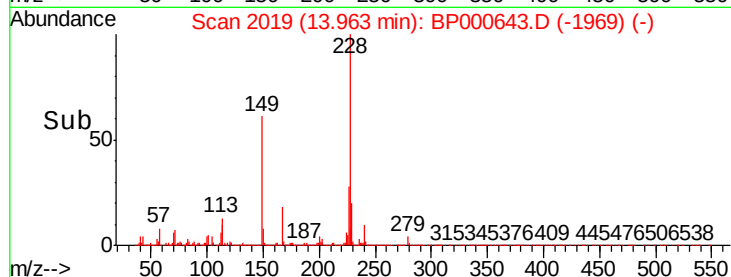
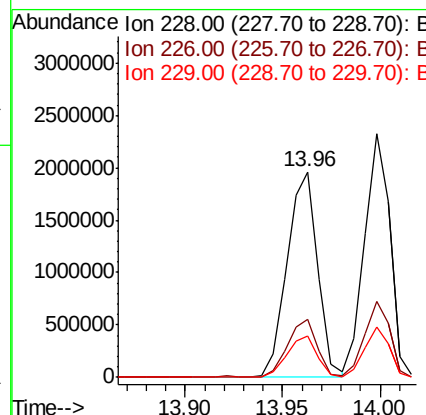
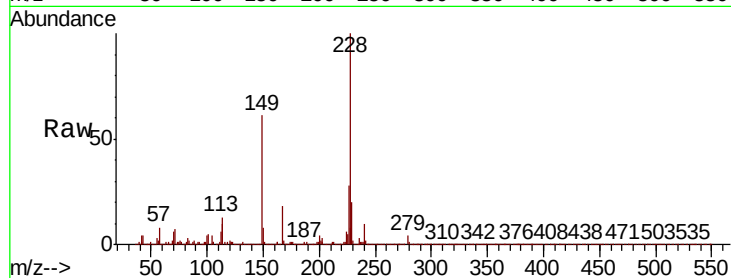
#81
Benzo(a)anthracene
Concen: 46.759 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.4	32.2
229	19.9	14.7	22.1

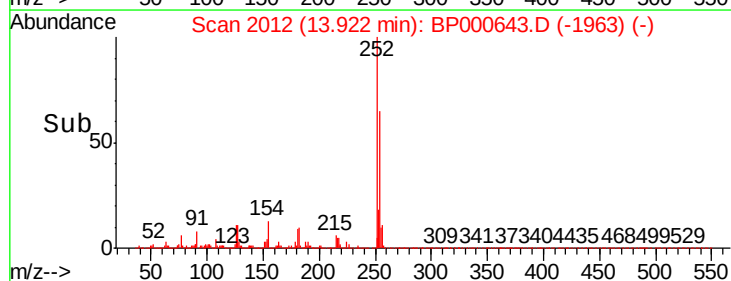
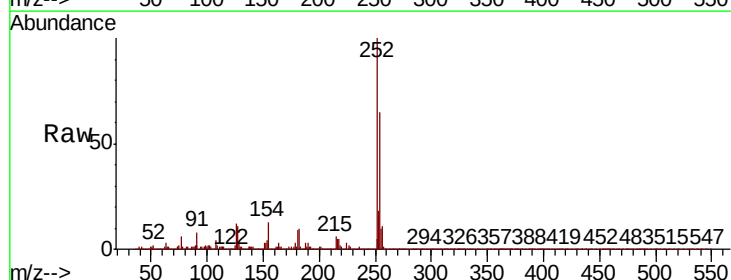
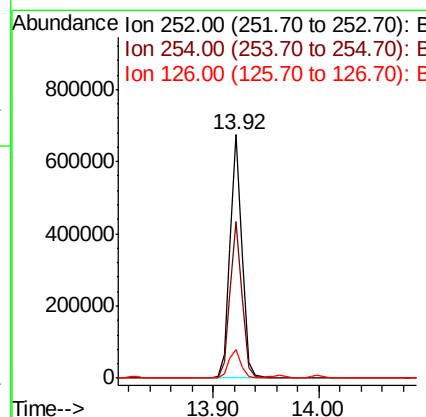
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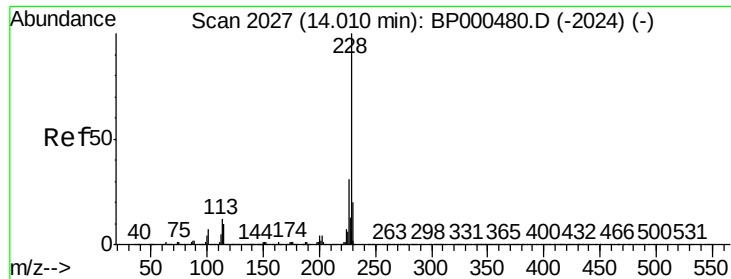
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#82
3,3'-Dichlorobenzidine
Concen: 29.710 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	49.8	74.8
126	11.5	8.9	13.3





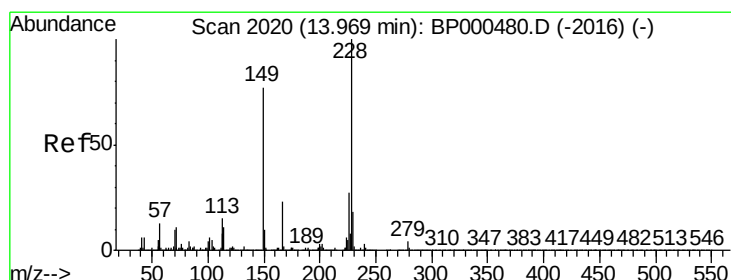
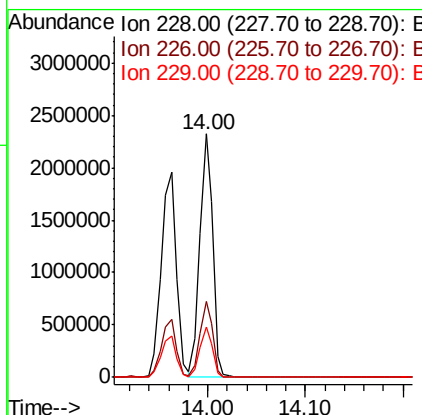
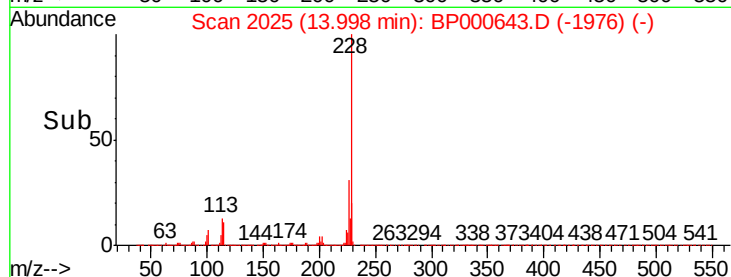
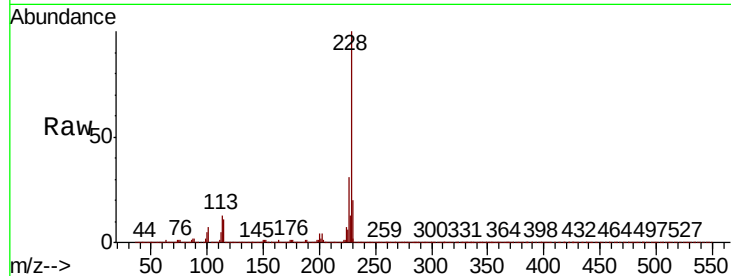
#83
 Chrysene
 Concen: 48.068 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BP000643.D
 Acq: 11 Oct 2019 19:58

Instrument :
 BNA_P
 ClientSampleId :
 TP-10MSD

Tot Ion:228 Resp: 2127438
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.7 37.1
 229 20.4 16.3 24.5

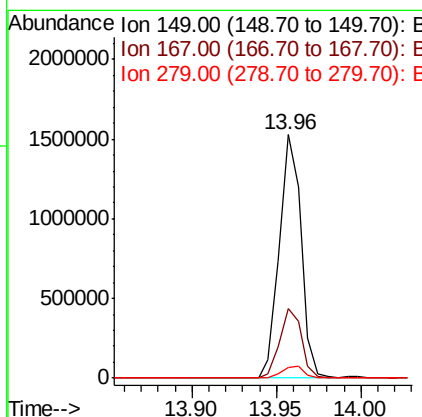
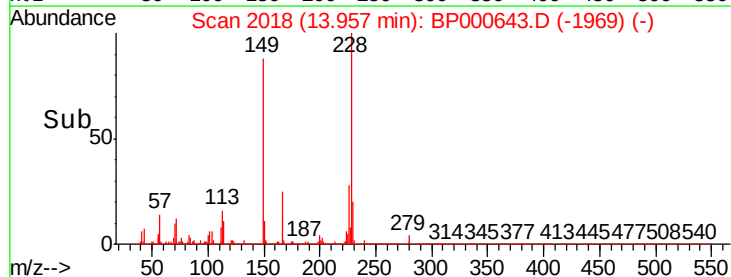
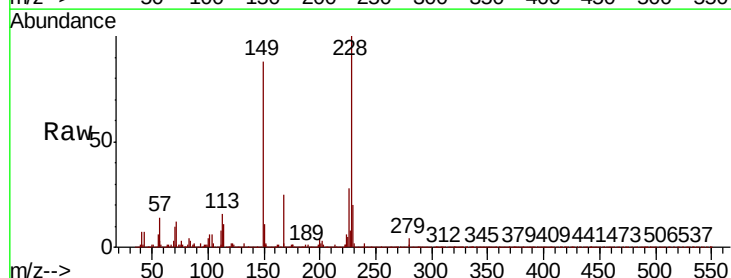
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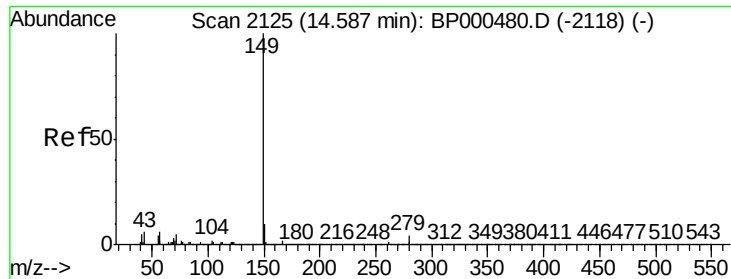
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.006 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000643.D
 Acq: 11 Oct 2019 19:58

Tgt Ion:149 Resp: 1368994
 Ion Ratio Lower Upper
 149 100
 167 28.6 23.6 35.4
 279 4.6 3.9 5.9





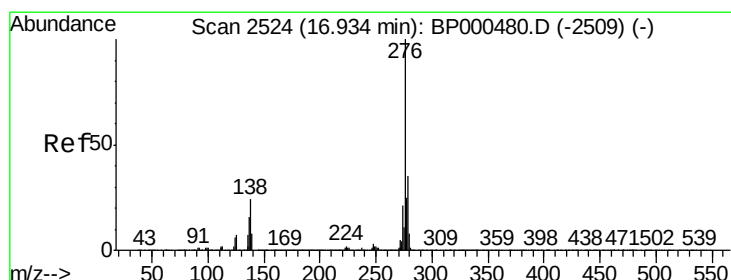
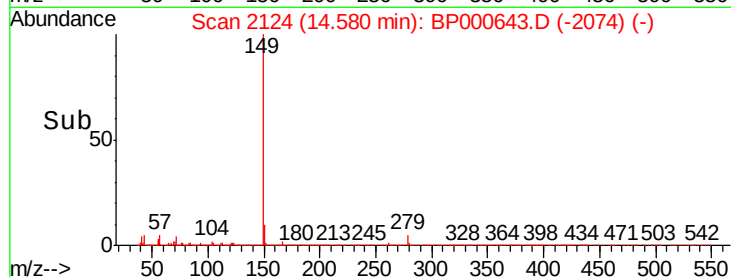
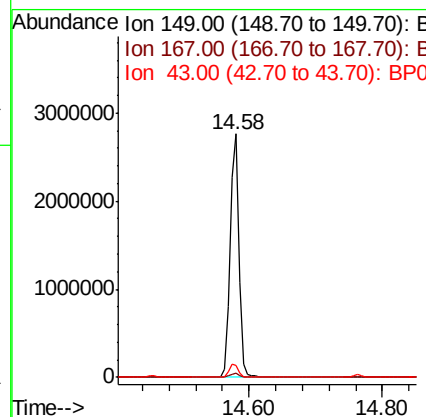
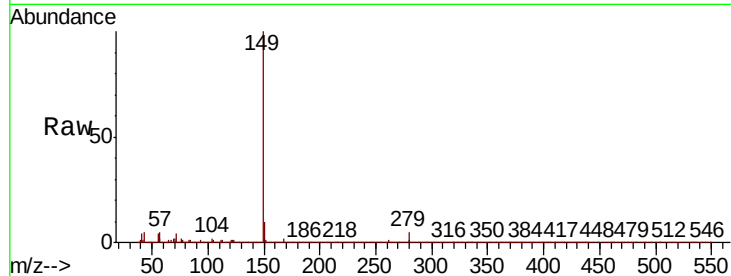
#85
Di-n-octyl phthalate
Concen: 50.978 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	5.7	4.6	7.0

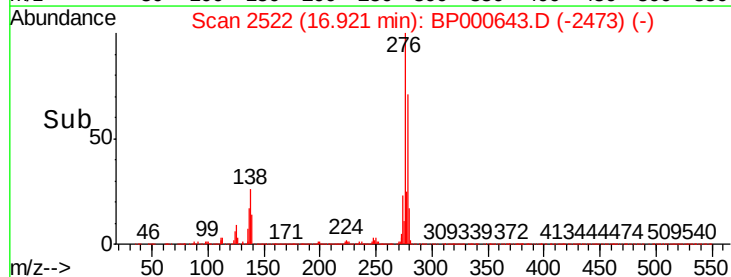
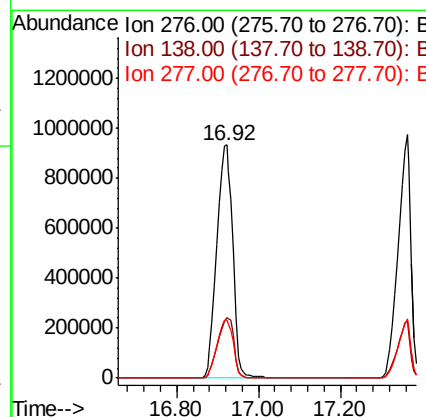
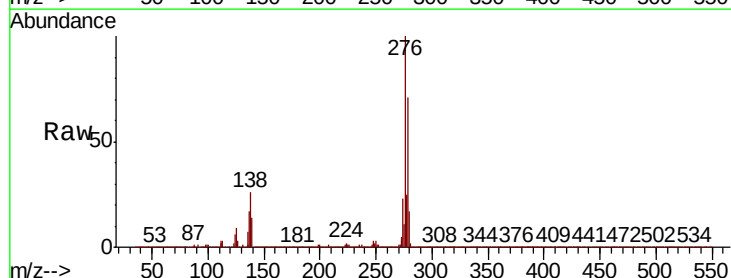
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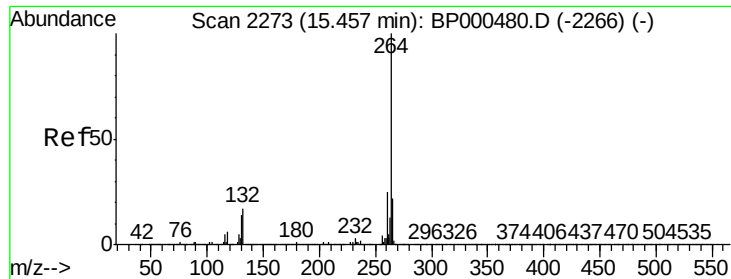
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.240 ng
RT: 16.92 min Scan# 2522
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.9	31.3
277	25.4	20.6	30.8





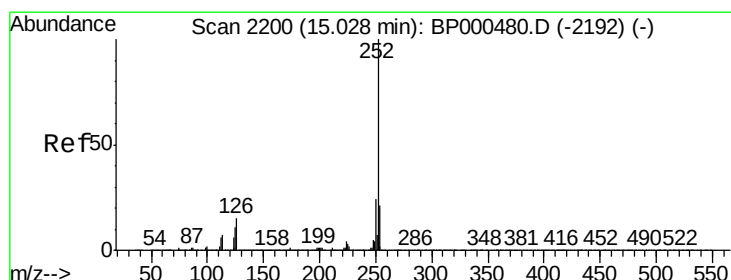
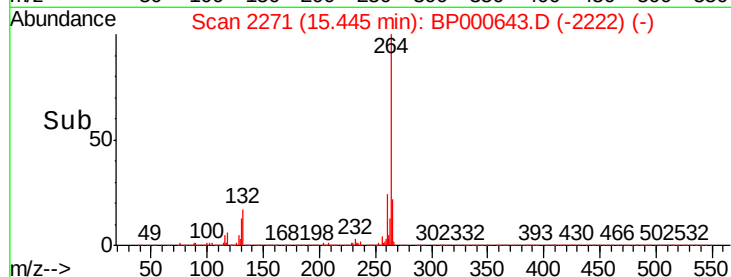
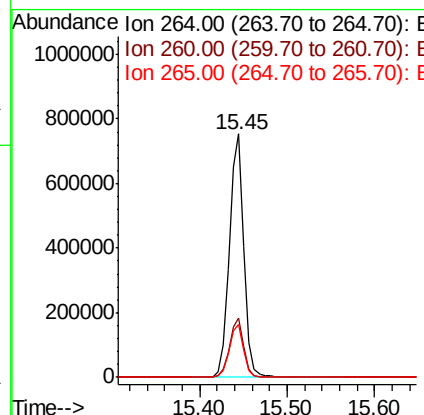
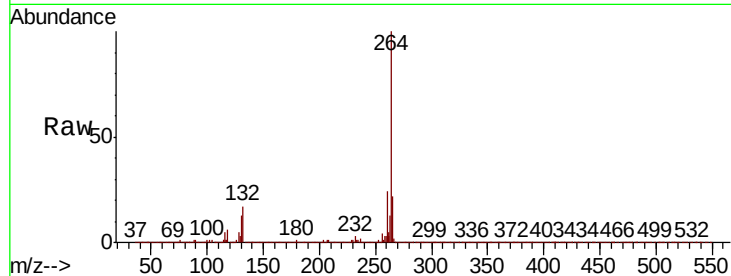
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.3	30.5
265	21.5	18.0	27.0

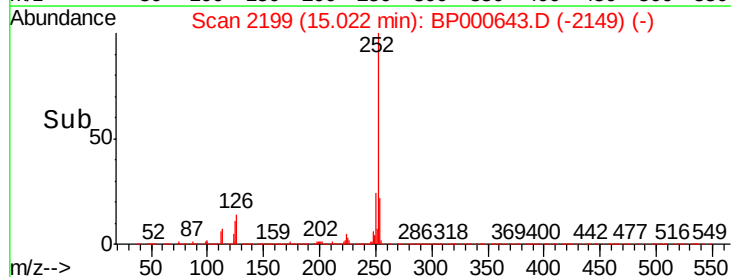
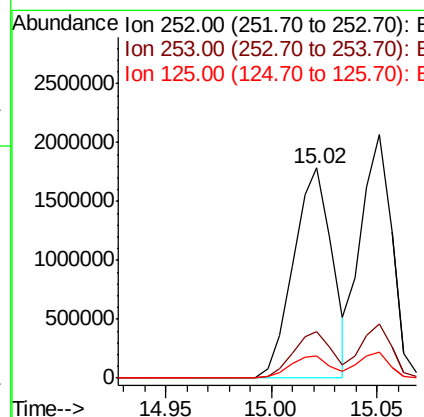
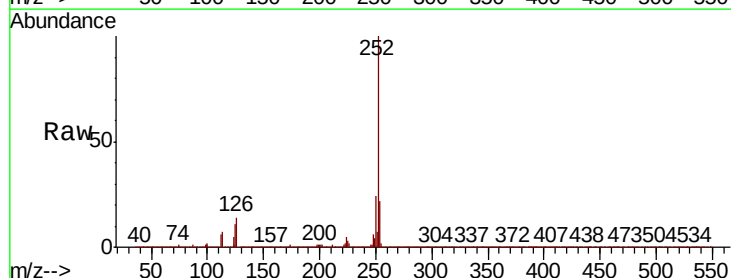
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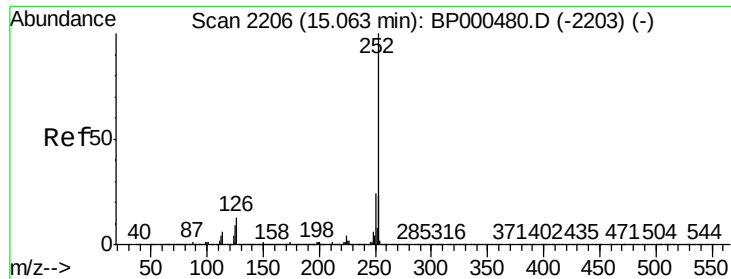
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#88
Benzo(b)fluoranthene
Concen: 47.042 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	10.7	8.9	13.3





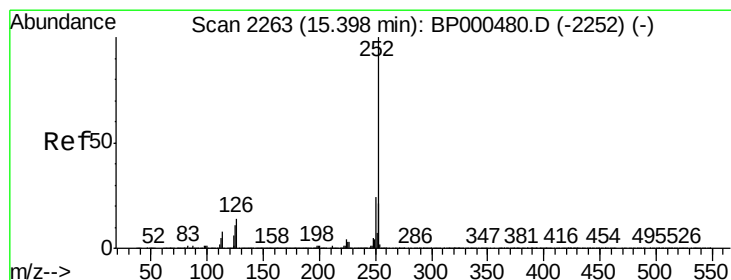
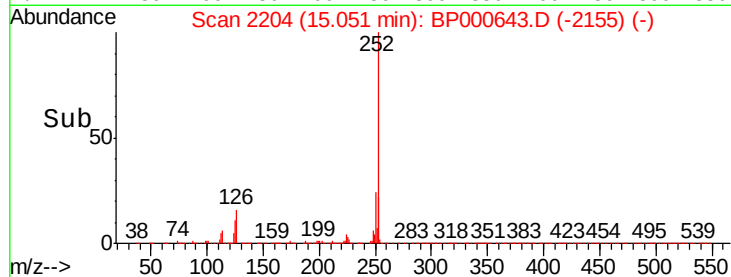
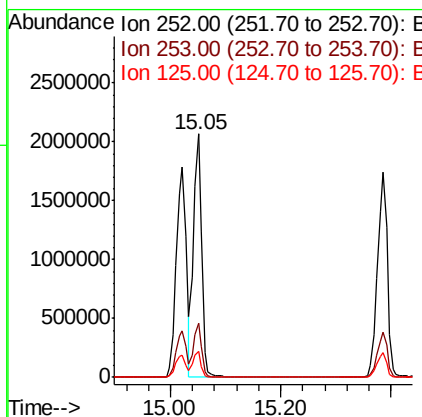
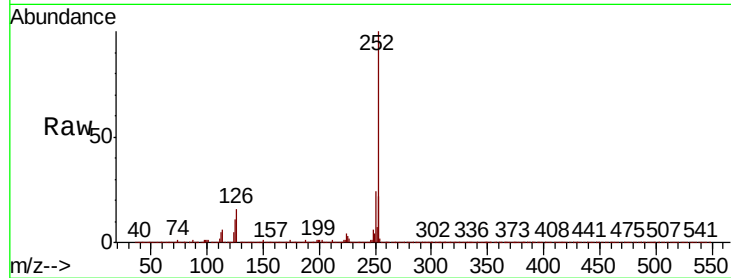
#89
Benzo(k)fluoranthene
Concen: 47.124 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Instrument :
BNA_P
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	10.6	7.8	11.8

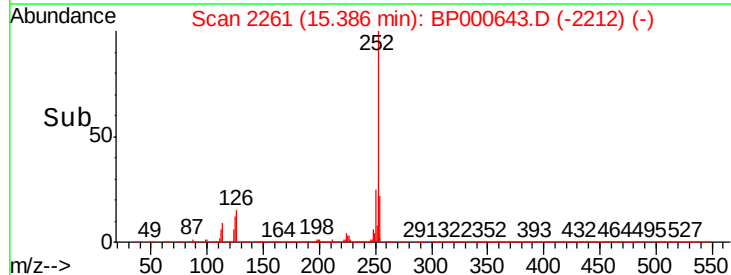
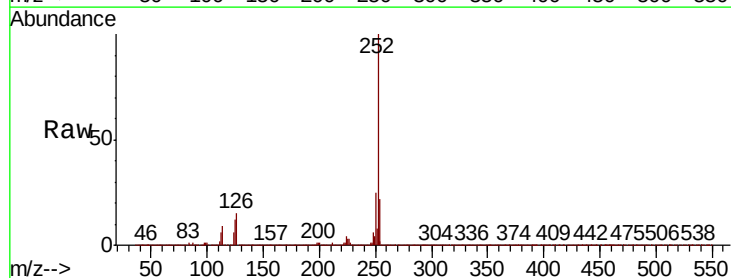
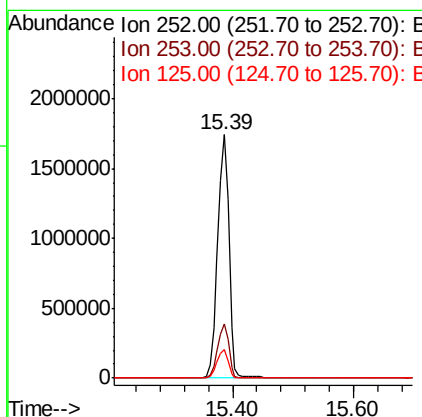
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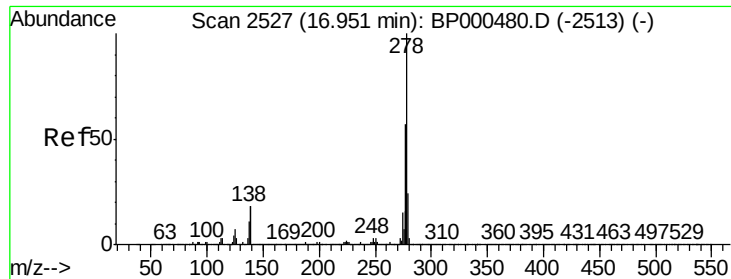
mohammad
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#90
Benzo(a)pyrene
Concen: 49.015 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000643.D
Acq: 11 Oct 2019 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.8	8.4	12.6





#91

Dibenzo(a,h)anthracene

Concen: 47.160 ng

RT: 16.93 min Scan# 2524

Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

Instrument :

BNA_P

ClientSampleId :

TP-10MSD

Tot Ion:278 Resp: 2067209

Ion Ratio Lower Upper

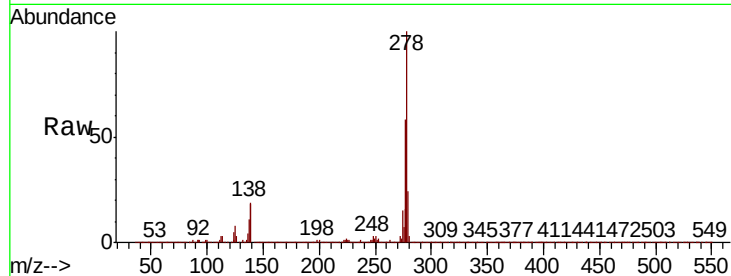
278 100

139 18.5 14.1 21.1

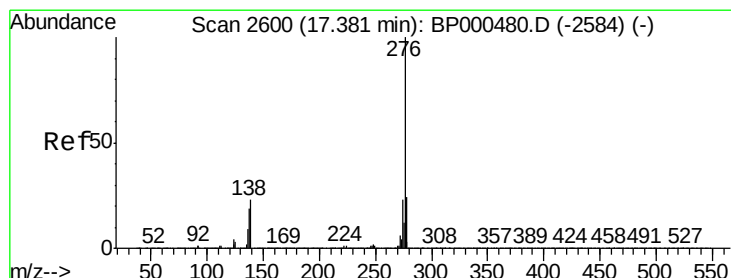
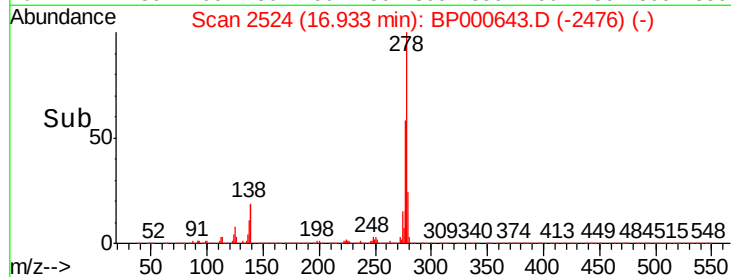
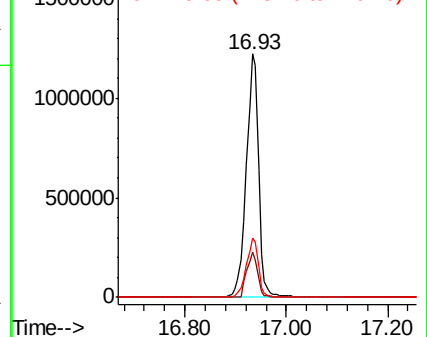
279 24.3 19.5 29.3

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



#92

Benzo(g,h,i)perylene

Concen: 48.443 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.02 min

Lab File: BP000643.D

Acq: 11 Oct 2019 19:58

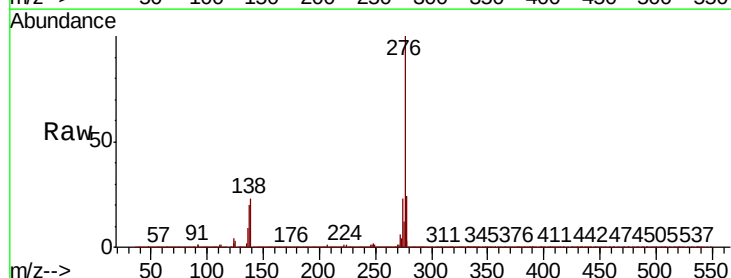
Tgt Ion:276 Resp: 2157718

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 23.4 18.5 27.7



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

