

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000863.D
 Acq On : 18 Oct 2019 03:05
 Operator : JU
 Sample : K5401-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

Manual Integrations
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mohammad
 10/20/2019 8:16:41 PM

Quant Time: Oct 18 08:28:28 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	227056	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	768737	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	411556	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	749317	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	561632	20.00	ng	0.00
87) Perylene-d12	15.45	264	668662	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1699937	120.35	ng	0.00
7) Phenol-d6	6.40	99	2085419	122.52	ng	0.00
23) Nitrobenzene-d5	7.32	82	1220376	96.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	661417	150.82	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	2427847	95.45	ng	-0.01
79) Terphenyl-d14	12.90	244	2547361	91.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.51	88	207792	36.838	ng	99
3) Pyridine	3.26	79	517258	33.563	ng	99
4) n-Nitrosodimethylamine	3.19	42	180905	41.714	ng	96
6) Aniline	6.42	93	653943	31.623	ng	# 13
8) 2-Chlorophenol	6.55	128	613920	44.038	ng	95
9) Benzaldehyde	6.30	77	318767	35.953	ng	95
10) Phenol	6.42	94	699917	40.161	ng	86
11) bis(2-Chloroethyl)ether	6.49	93	570940	42.581	ng	99
12) 1,3-Dichlorobenzene	6.69	146	709764	42.001	ng	98
13) 1,4-Dichlorobenzene	6.77	146	721963	42.457	ng	98
14) 1,2-Dichlorobenzene	6.92	146	655575	41.757	ng	98
15) Benzyl Alcohol	6.90	79	460676	41.907	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	476582	38.534	ng	73
17) 2-Methylphenol	7.02	107	499064	43.318	ng	96
18) Hexachloroethane	7.26	117	243988	40.316	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	332507	42.380	ng	99
20) 3+4-Methylphenols	7.17	107	603091	44.736	ng	# 72
22) Acetophenone	7.16	105	827682	46.596	ng	# 97
24) Nitrobenzene	7.33	77	563689	46.435	ng	99
25) Isophorone	7.58	82	1068650	47.838	ng	99
26) 2-Nitrophenol	7.65	139	329424	51.602	ng	98
27) 2,4-Dimethylphenol	7.70	122	540207	55.203	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	710087	46.775	ng	100
29) 2,4-Dichlorophenol	7.90	162	554722	50.134	ng	98
30) 1,2,4-Trichlorobenzene	7.98	180	623721	47.998	ng	98
31) Naphthalene	8.06	128	1750955	48.769	ng	99
32) Benzoic acid	7.83	122	275224	44.541	ng	98
33) 4-Chloroaniline	8.10	127	514003	32.606	ng	99
34) Hexachlorobutadiene	8.18	225	379004	48.261	ng	97
35) Caprolactam	8.48	113	174847m	47.179	ng	
36) 4-Chloro-3-methylphenol	8.60	107	543747	50.175	ng	98
37) 2-Methylnaphthalene	8.75	142	1205026	49.998	ng	98
38) 1-Methylnaphthalene	8.85	142	1112826	48.865	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	636815	48.887	ng	99

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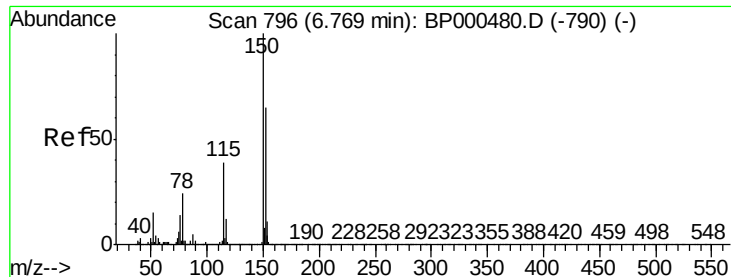
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	239340	49.012	ng	99
43) 2,4,6-Trichlorophenol	9.04	196	394697	49.222	ng	99
44) 2,4,5-Trichlorophenol	9.08	196	418682	50.570	ng	98
46) 1,1'-Biphenyl	9.22	154	1469835	47.315	ng	97
47) 2-Chloronaphthalene	9.25	162	1152250	47.967	ng	99
48) 2-Nitroaniline	9.34	65	267862	46.059	ng	95
49) Acenaphthylene	9.66	152	1780484	49.129	ng	99
50) Dimethylphthalate	9.53	163	1843900	64.479	ng	100
51) 2,6-Dinitrotoluene	9.59	165	310191	49.741	ng	97
52) Acenaphthene	9.83	154	1029680	46.837	ng	99
53) 3-Nitroaniline	9.76	138	241049	33.734	ng	88
54) 2,4-Dinitrophenol	9.87	184	90947	43.705	ng	99
55) Dibenzofuran	10.01	168	1589374	48.364	ng	99
56) 4-Nitrophenol	9.94	139	387006	84.832	ng	95
57) 2,4-Dinitrotoluene	10.00	165	396556	47.960	ng	96
58) Fluorene	10.35	166	1221451	52.151	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	335139	47.886	ng	98
60) Diethylphthalate	10.23	149	1335092	49.182	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	650254	51.629	ng	97
62) 4-Nitroaniline	10.38	138	302506	44.018	ng	97
63) Azobenzene	10.50	77	1024965	49.178	ng	98
65) 4,6-Dinitro-2-methylphenol	10.41	198	89382	26.909	ng	99
66) n-Nitrosodiphenylamine	10.47	169	1120165	51.327	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	430149	50.997	ng	97
68) Hexachlorobenzene	10.92	284	460558	48.049	ng	# 94
69) Atrazine	11.00	200	352318	49.194	ng	98
70) Pentachlorophenol	11.11	266	397363	103.215	ng	97
71) Phenanthrene	11.33	178	1931078	51.314	ng	100
72) Anthracene	11.37	178	1891553	50.693	ng	99
73) Carbazole	11.53	167	1685970	48.742	ng	97
74) Di-n-butylphthalate	11.87	149	2064197	48.989	ng	99
75) Fluoranthene	12.53	202	2234920	52.878	ng	99
77) Benzidine	12.65	184	1297456	79.777	ng	98
78) Pyrene	12.76	202	2224473	57.427	ng	99
80) Butylbenzylphthalate	13.39	149	870124	51.550	ng	99
81) Benzo(a)anthracene	13.97	228	1792903	52.321	ng	98
82) 3,3'-Dichlorobenzidine	13.93	252	708344	52.041	ng	97
83) Chrysene	14.00	228	1727798	51.371	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1131292	53.290	ng	99
85) Di-n-octyl phthalate	14.58	149	2067111	53.722	ng	99
86) Indeno(1,2,3-cd)pyrene	16.94	276	2007504	47.783	ng	98
88) Benzo(b)fluoranthene	15.03	252	2072597	54.636	ng	98
89) Benzo(k)fluoranthene	15.06	252	1655156	45.829	ng	98
90) Benzo(a)pyrene	15.40	252	1857524	52.528	ng	99
91) Dibenzo(a,h)anthracene	16.96	278	1648138	48.055	ng	97
92) Benzo(g,h,i)perylene	17.39	276	1644493	47.187	ng	96

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



#1

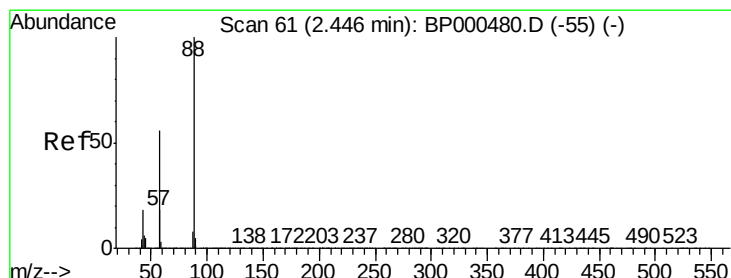
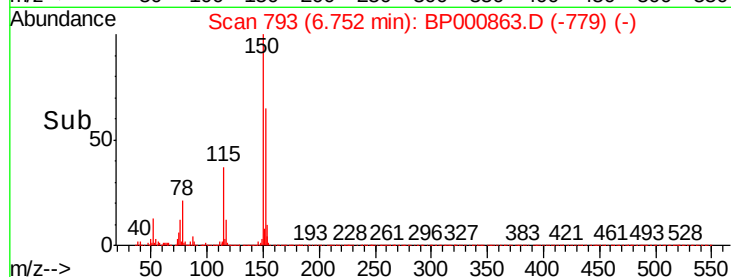
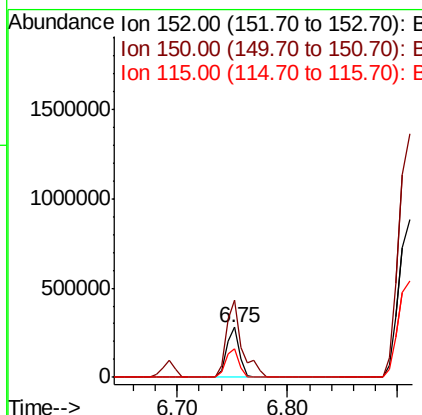
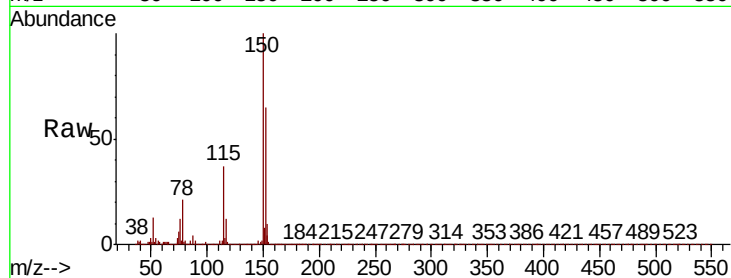
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.1	186.1
115	57.3	48.7	73.1

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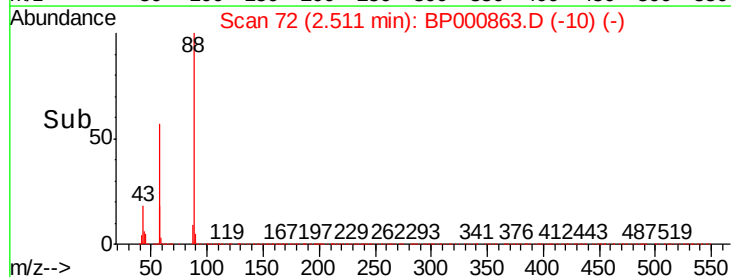
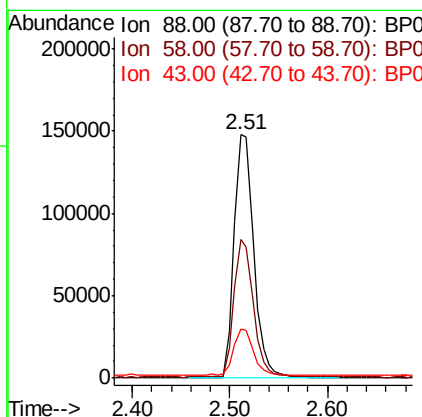
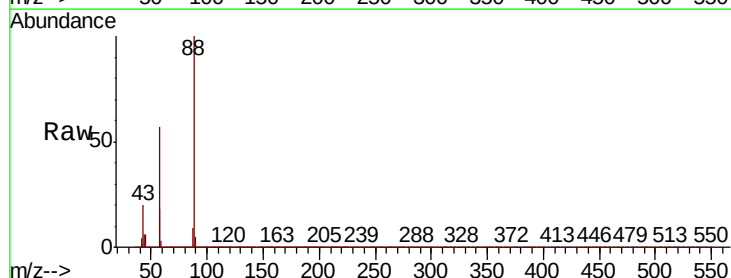
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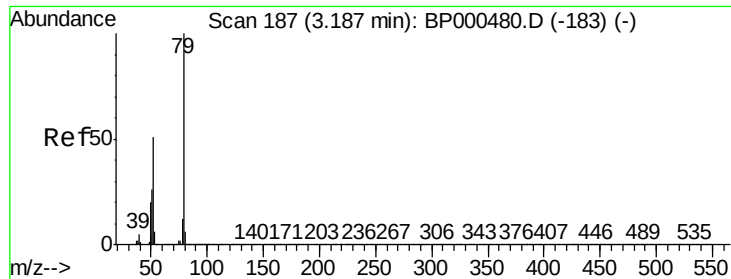


#2

1,4-Dioxane
Concen: 36.838 ng
RT: 2.51 min Scan# 72
Delta R.T. 0.06 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	45.3	67.9
43	18.9	14.5	21.7





#3

Pvridine

Concen: 33.563 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.07 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

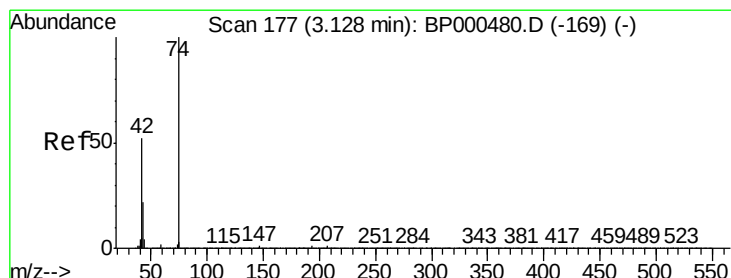
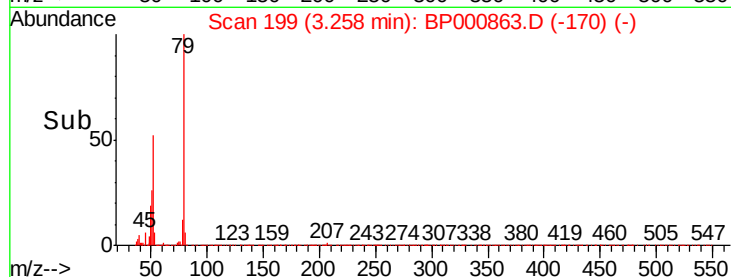
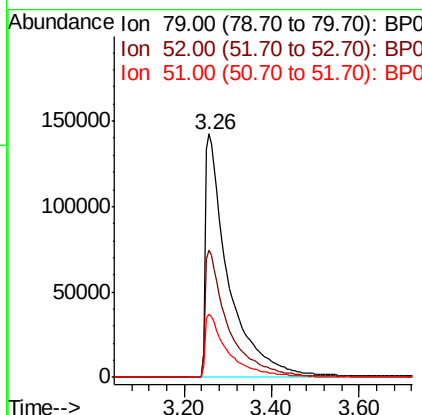
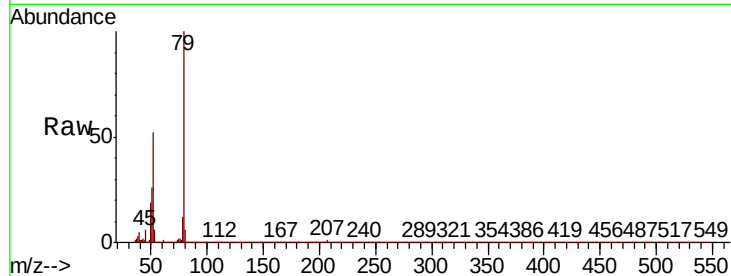
ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:	79	Resp:	517258
Ion Ratio	Lower	Upper	
79	100		
52	52.3	40.7	61.1
51	25.7	20.5	30.7

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#4

n-Nitrosodimethylamine

Concen: 41.714 ng

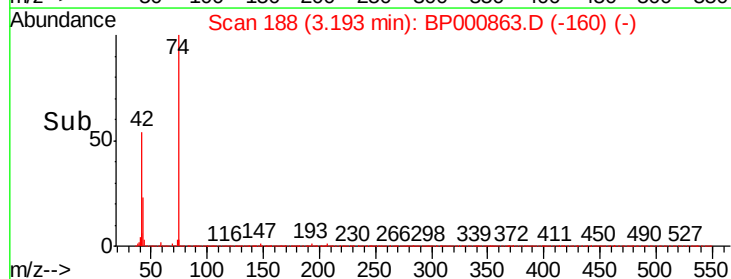
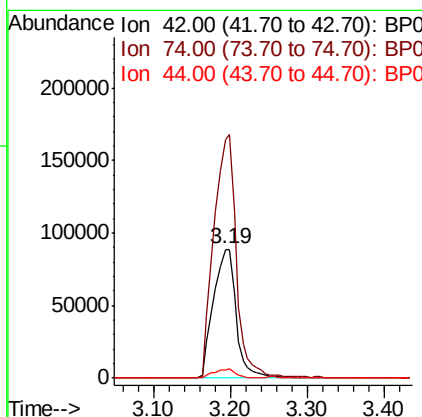
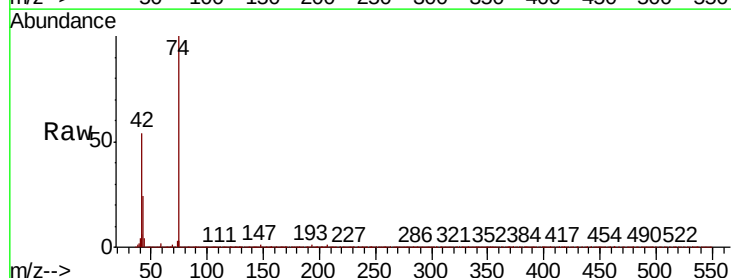
RT: 3.19 min Scan# 188

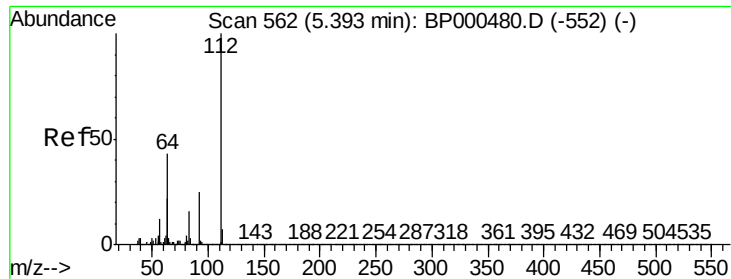
Delta R.T. 0.06 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Tgt Ion:	42	Resp:	180905
Ion Ratio	Lower	Upper	
42	100		
74	185.1	152.4	228.6
44	6.6	5.6	8.4





#5

2-Fluorophenol

Concen: 120.347 ng

RT: 5.39 min Scan# 561

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

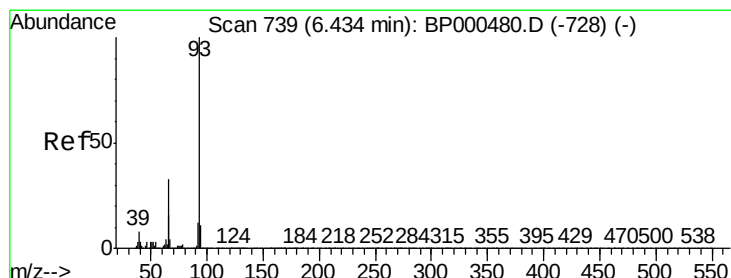
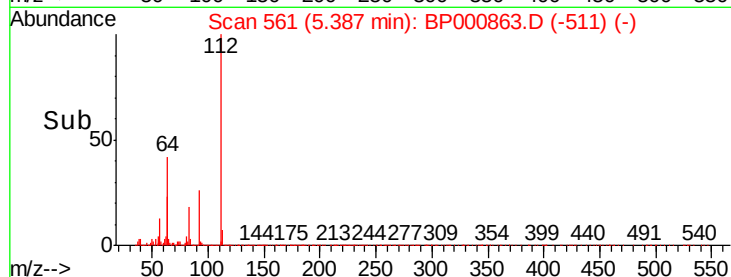
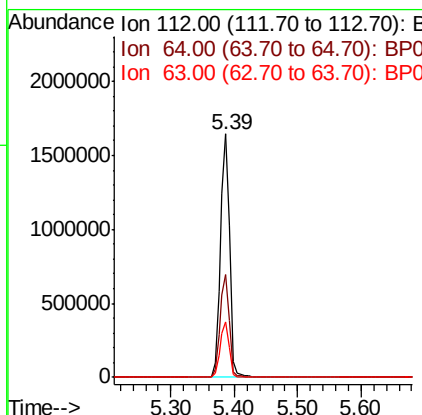
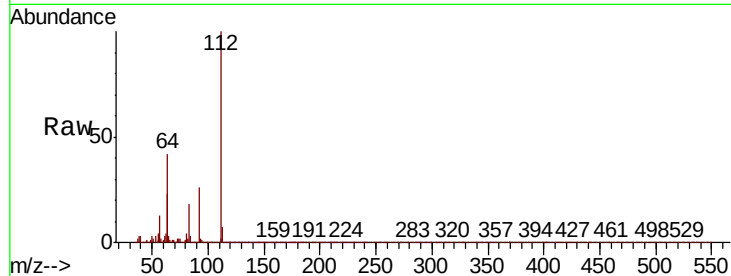
ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:	112	Resp:	1699937
Ion	Ratio	Lower	Upper
112	100		
64	42.4	34.2	51.4
63	22.9	17.9	26.9

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#6

Aniline

Concen: 31.623 ng

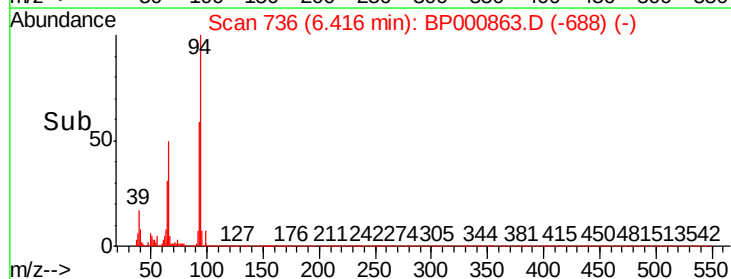
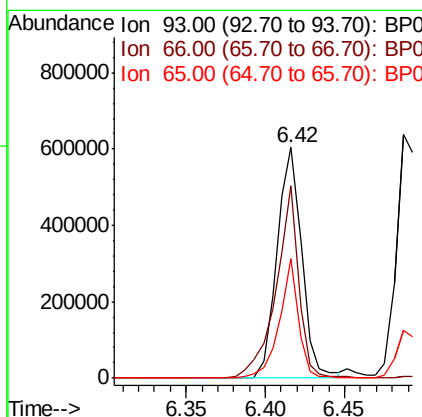
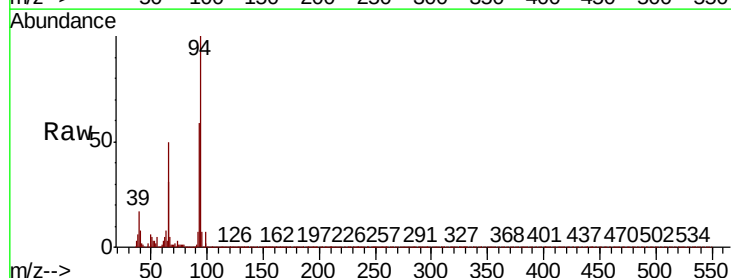
RT: 6.42 min Scan# 736

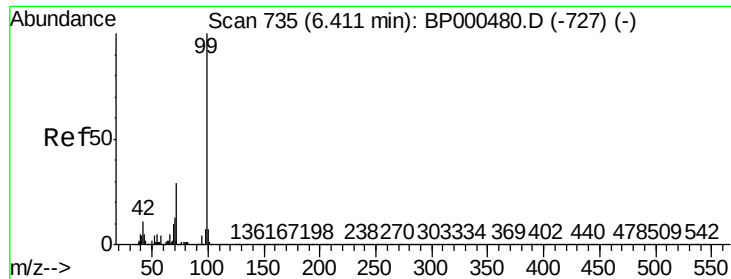
Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Tgt Ion:	93	Resp:	653943
Ion	Ratio	Lower	Upper
93	100		
66	83.4	26.3	39.5#
65	51.6	13.2	19.8#





#7

Phenol-d6

Concen: 122.516 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion: 99 Resp: 2085419

Ion Ratio Lower Upper

99 100

42 11.6 8.6 12.8

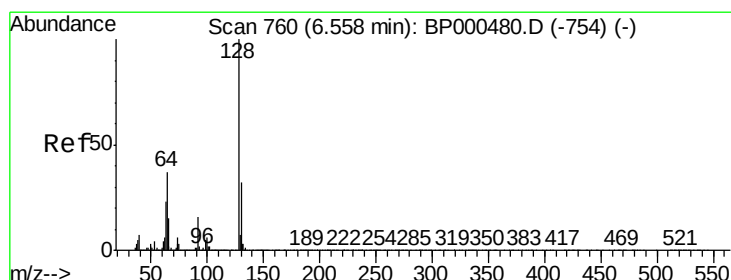
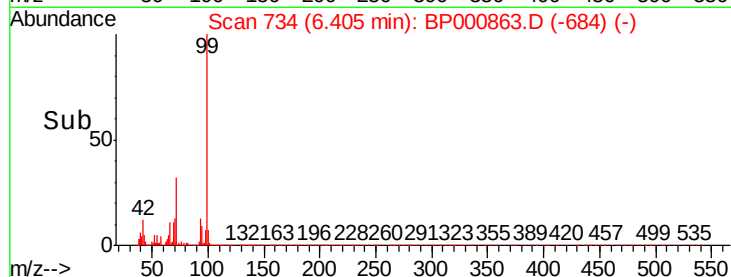
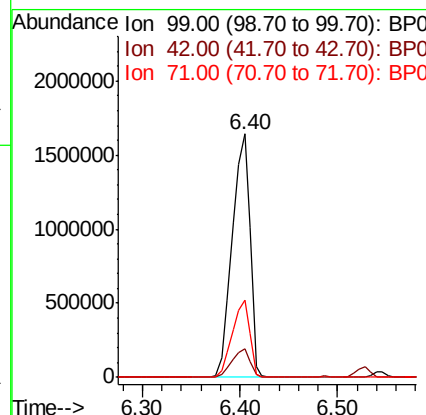
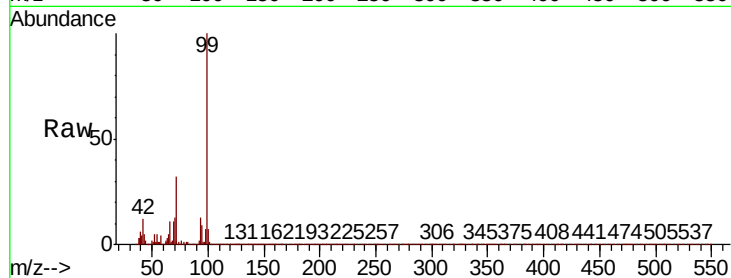
71 32.0 23.0 34.4

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#8

2-Chlorophenol

Concen: 44.038 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

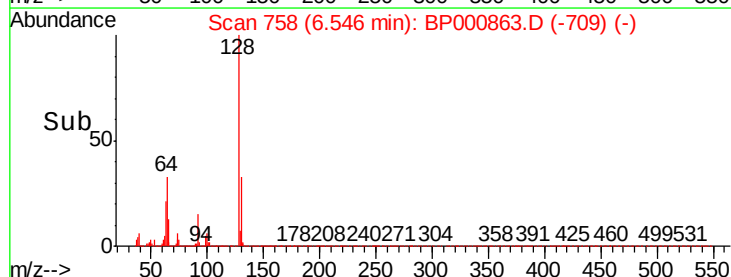
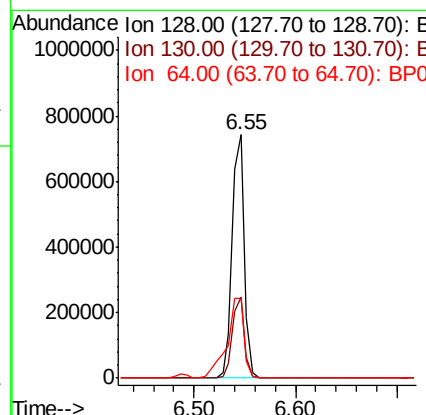
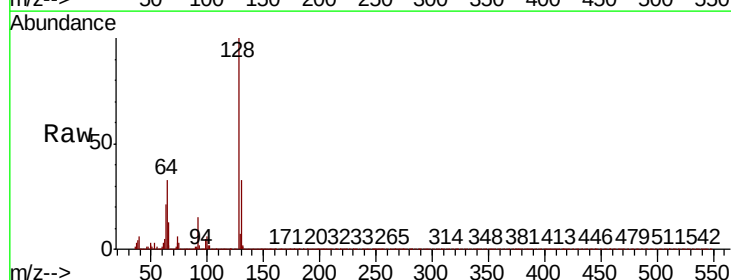
Tgt Ion: 128 Resp: 613920

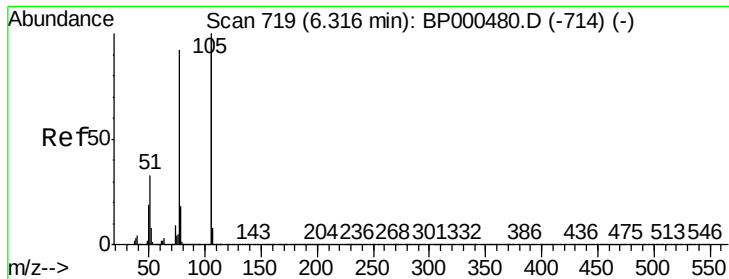
Ion Ratio Lower Upper

128 100

130 33.4 12.2 52.2

64 32.6 17.2 57.2





#9

Benzaldehyde

Concen: 35.953 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

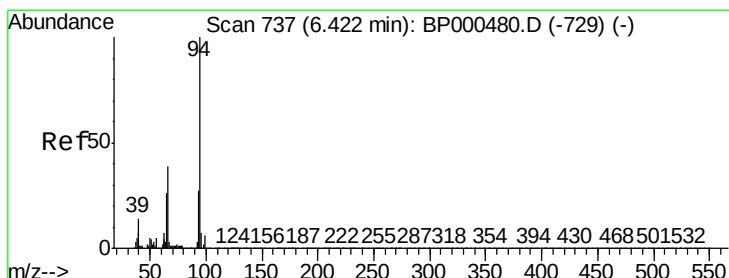
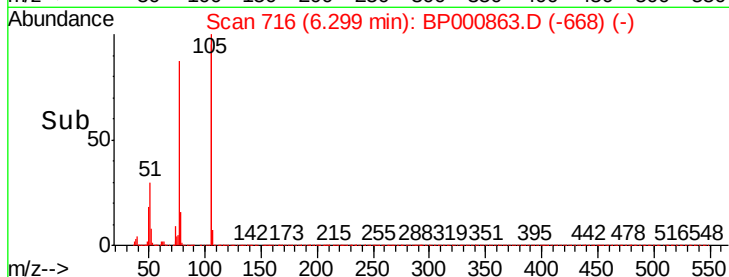
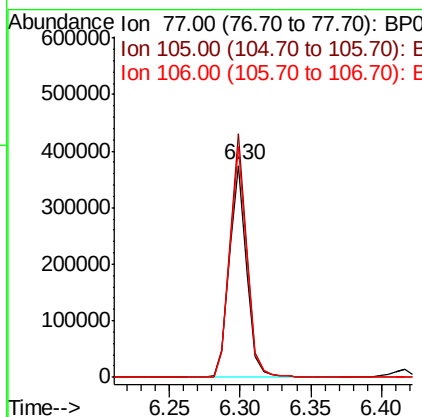
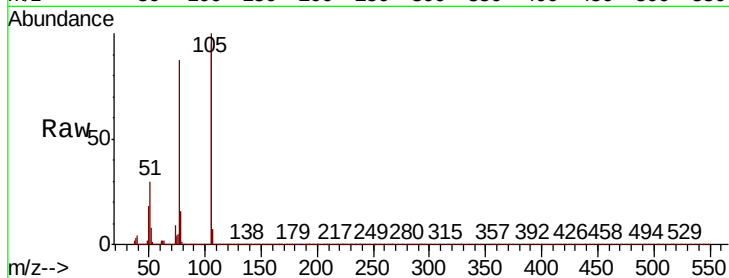
ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:	77	Resp:	318767
Ion Ratio	Lower	Upper	
77	100		
105	114.9	88.3	128.3
106	108.9	85.7	125.7

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#10

Phenol

Concen: 40.161 ng

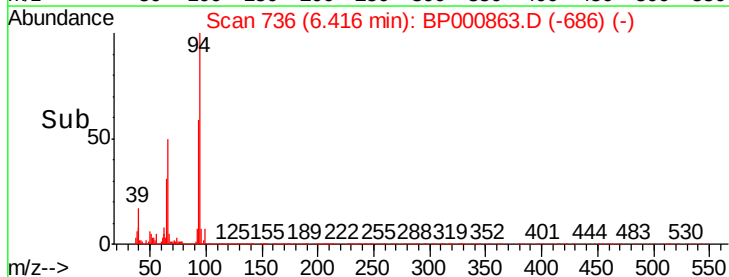
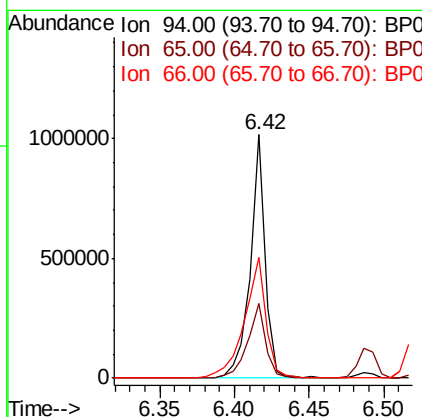
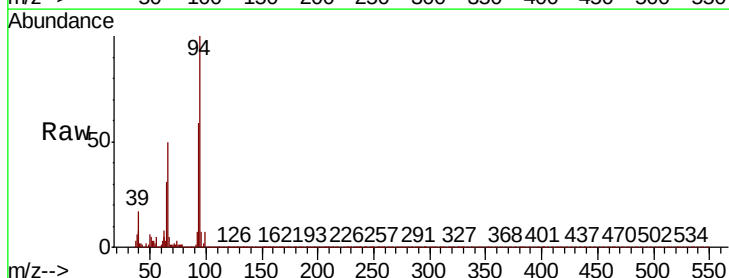
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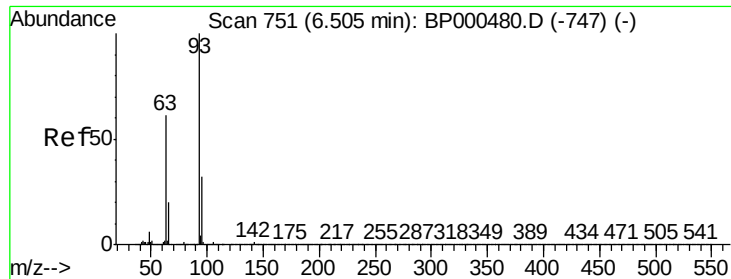
Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Tgt Ion:	94	Resp:	699917
Ion Ratio	Lower	Upper	
94	100		
65	30.7	5.9	45.9
66	49.6	18.8	58.8





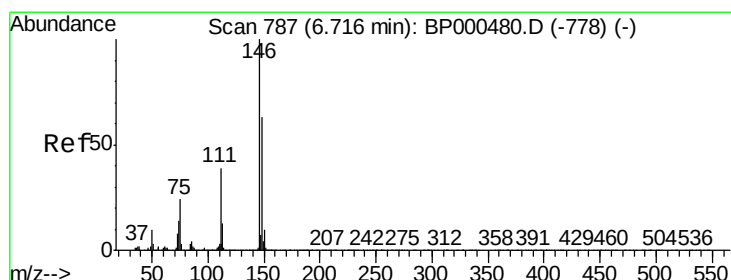
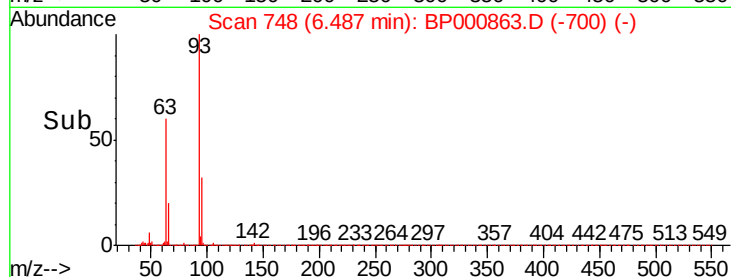
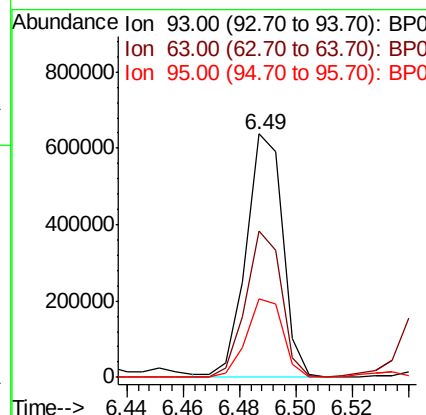
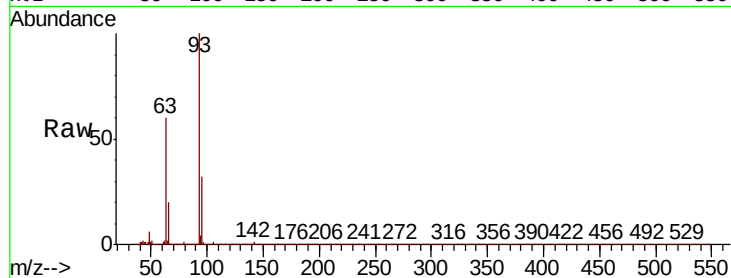
#11
bis(2-Chloroethyl)ether
Concen: 42.581 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	60.3	41.1	81.1
95	32.3	12.2	52.2

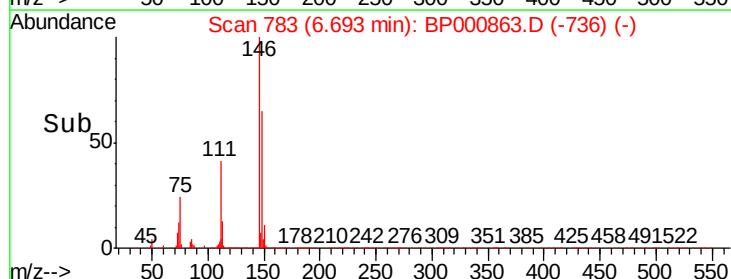
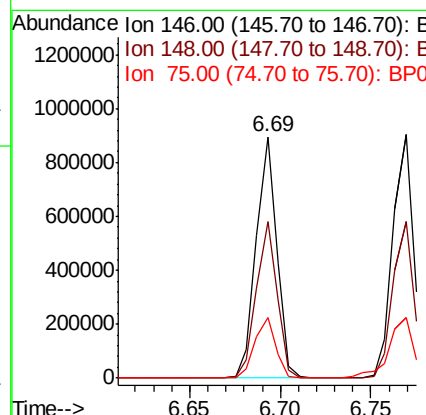
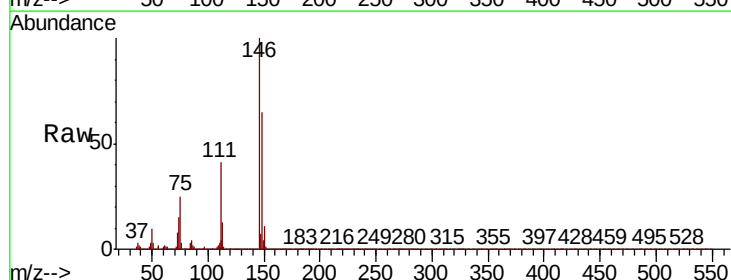
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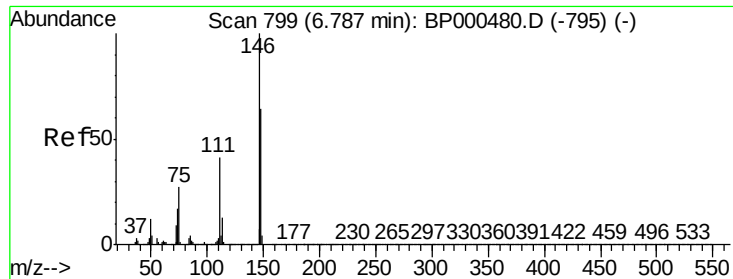
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#12
1,3-Dichlorobenzene
Concen: 42.001 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.7	76.1
75	25.2	19.1	28.7





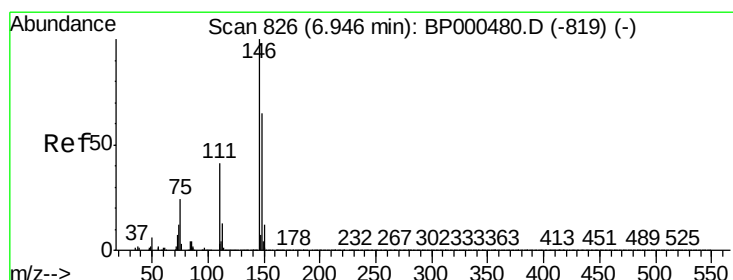
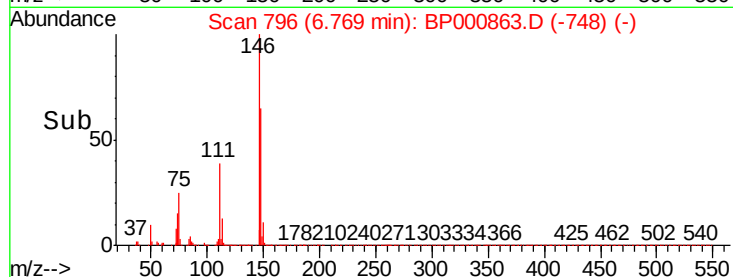
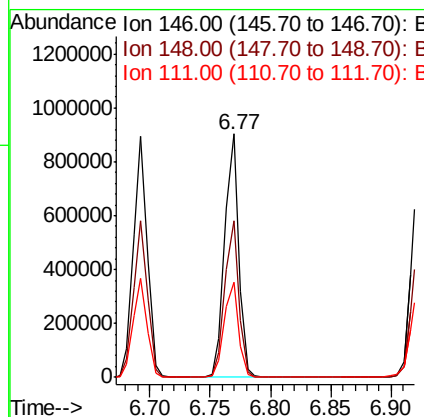
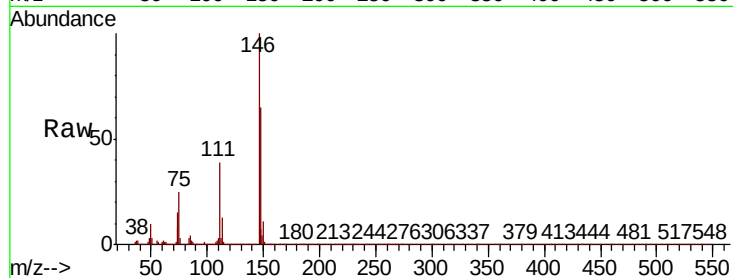
#13
1,4-Dichlorobenzene
Concen: 42.457 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.1	76.7
111	39.3	33.0	49.4

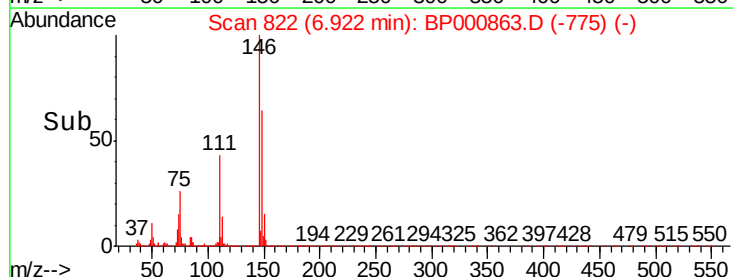
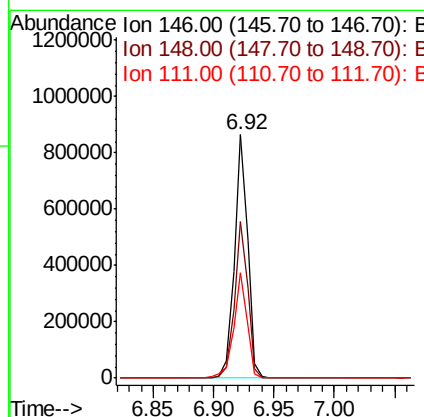
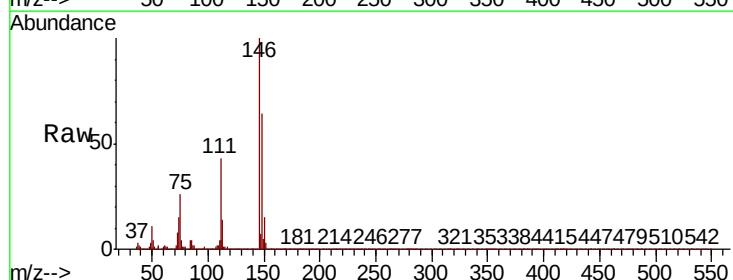
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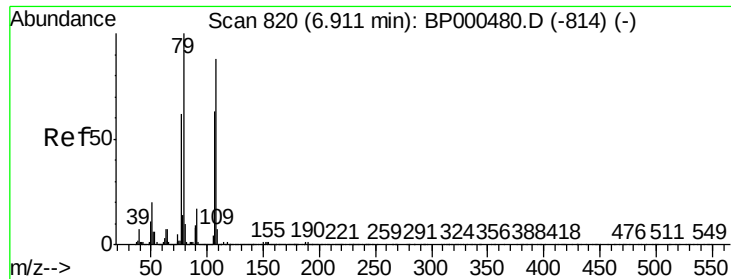
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#14
1,2-Dichlorobenzene
Concen: 41.757 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
111	43.2	32.8	49.2





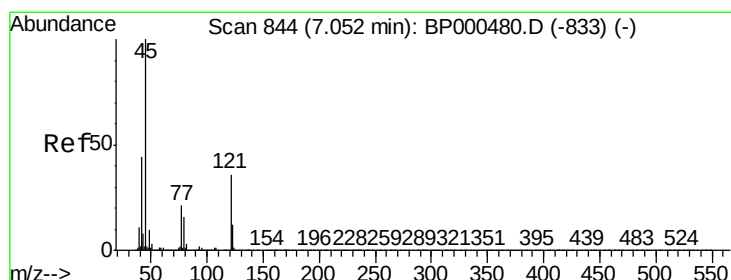
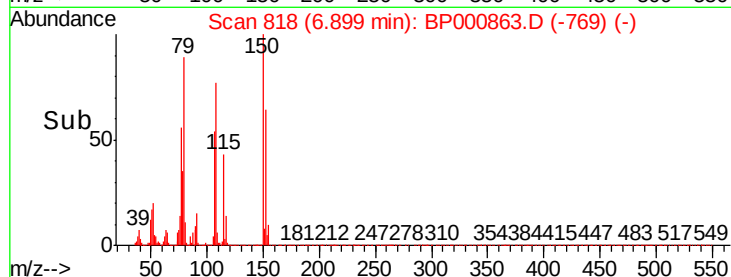
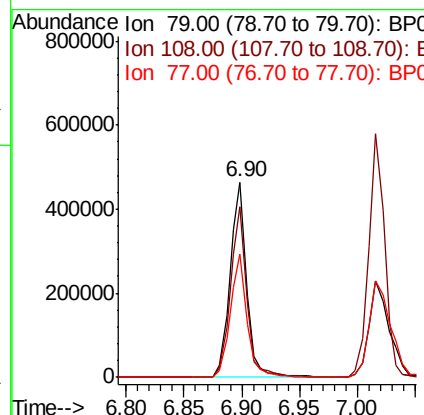
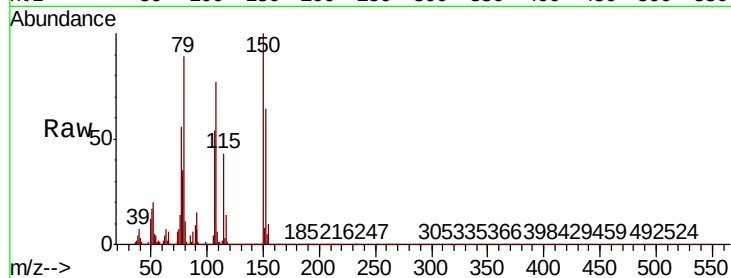
#15
Benzyl Alcohol
Concen: 41.907 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	87.1	70.8	106.2
77	62.8	50.0	75.0

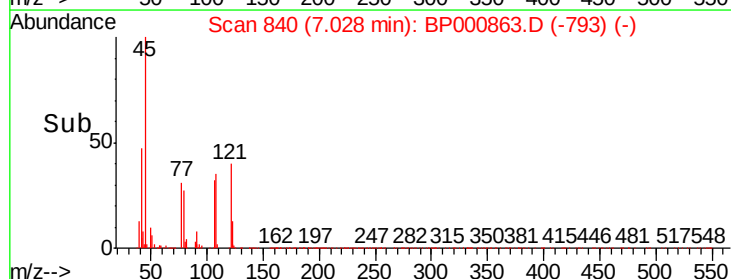
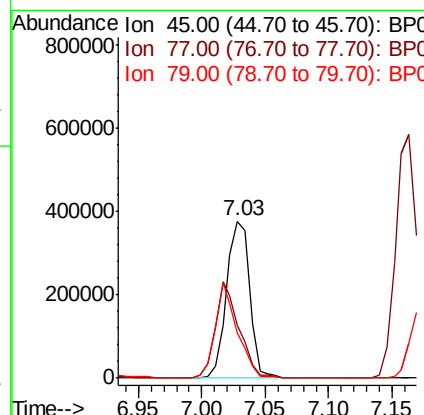
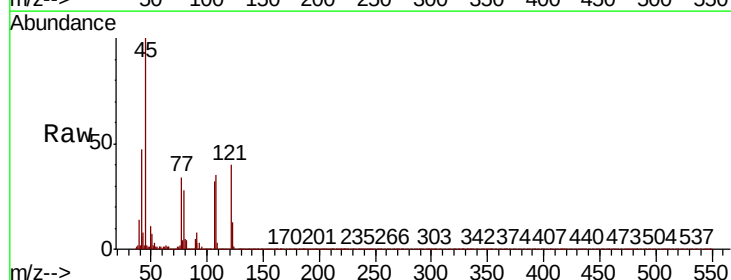
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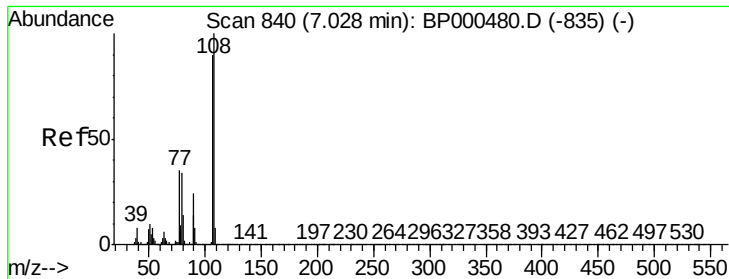
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.534 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
45	100		
77	33.5	1.1	41.1
79	28.5	0.0	36.8





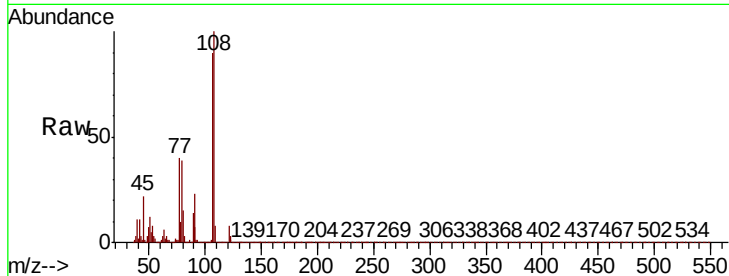
#17
2-Methylphenol
Concen: 43.318 ng
RT: 7.02 min Scan# 838
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	89.0	133.4	
77	44.5	31.2	46.8	
79	44.0	30.7	46.1	

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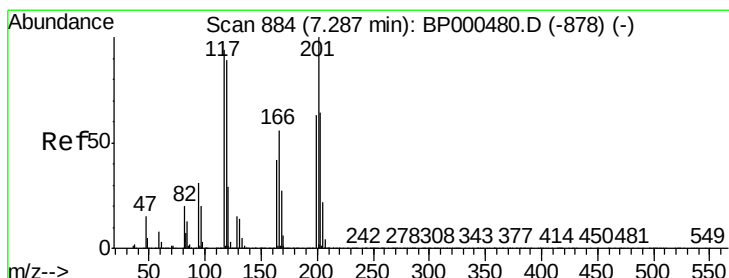
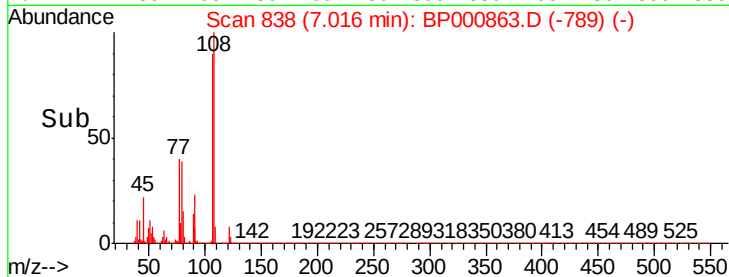
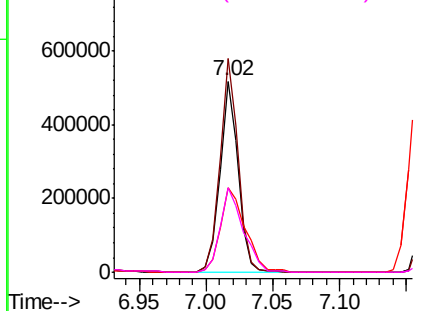
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

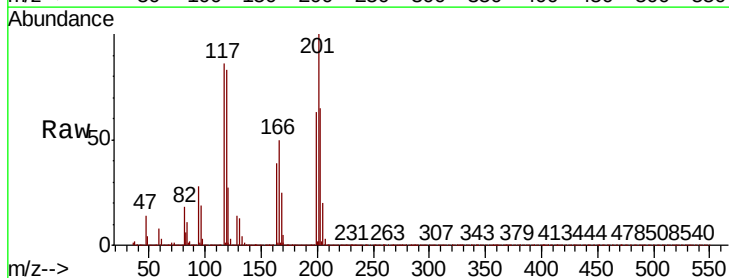
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 40.316 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.5	76.3	114.5	
201	116.5	85.4	128.0	

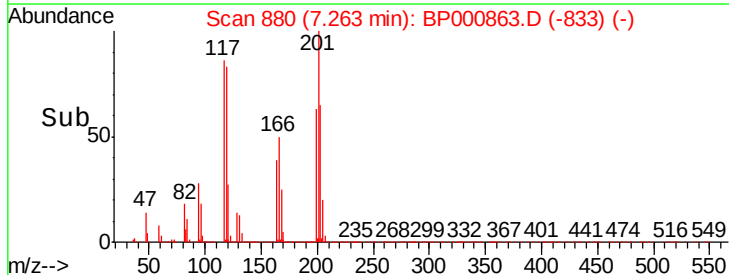
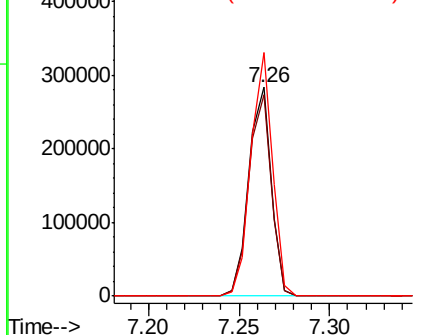


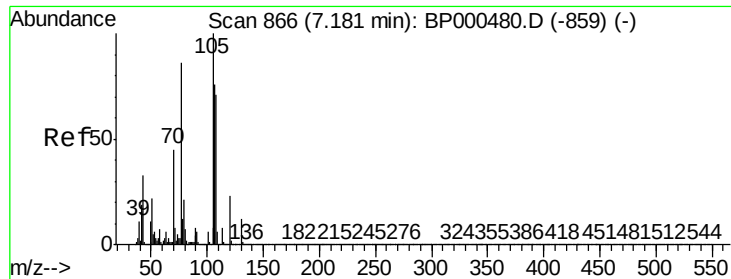
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





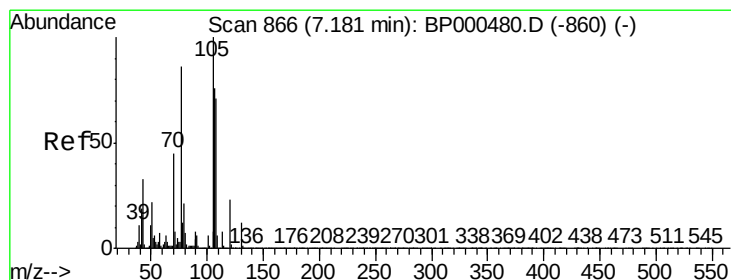
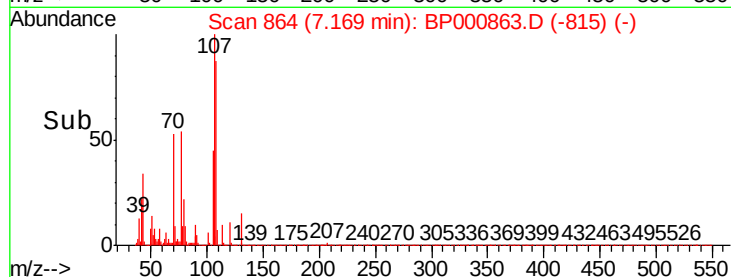
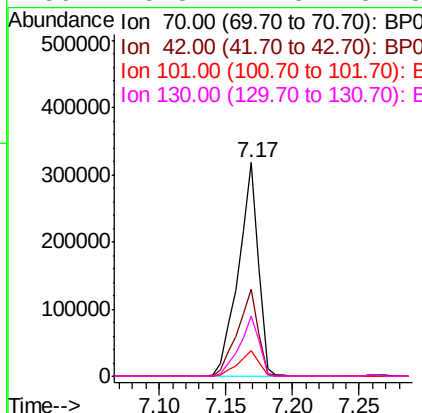
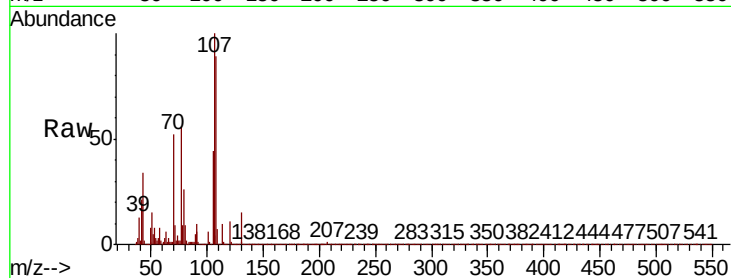
#19
n-Nitroso-di-n-propylamine
Concen: 42.380 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.9	33.2	49.8		
101	12.2	9.9	14.9		
130	28.3	21.8	32.8		

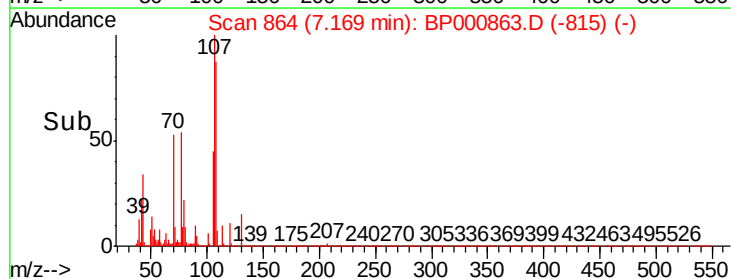
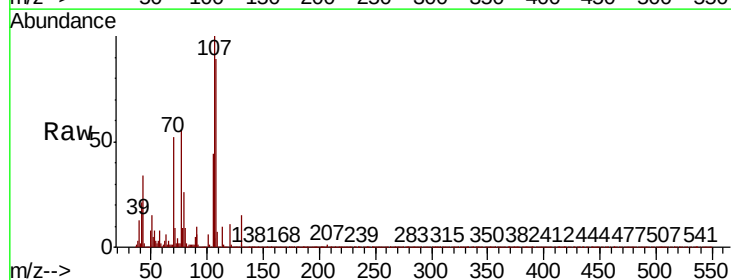
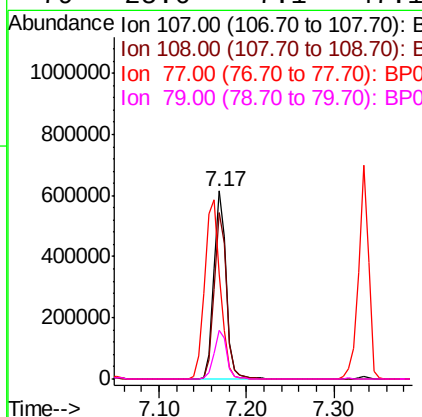
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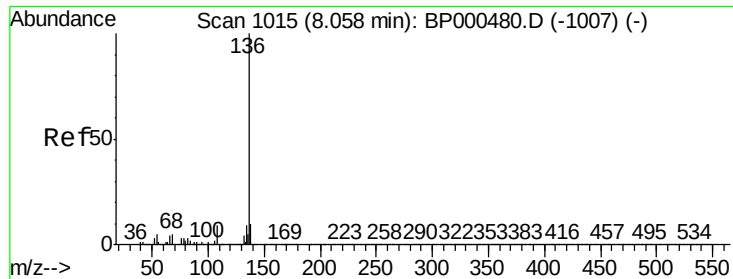
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#20
3+4-Methylphenols
Concen: 44.736 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.7	72.6	112.6		
77	55.7	93.3	133.3#		
79	25.6	7.1	47.1		





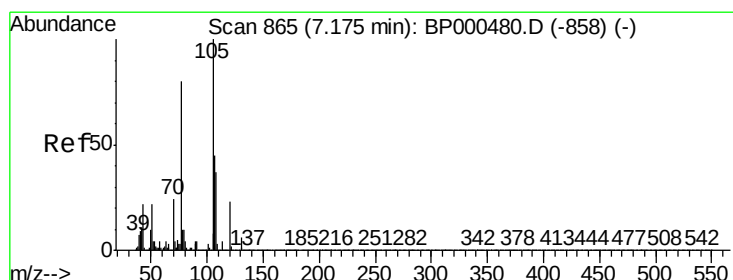
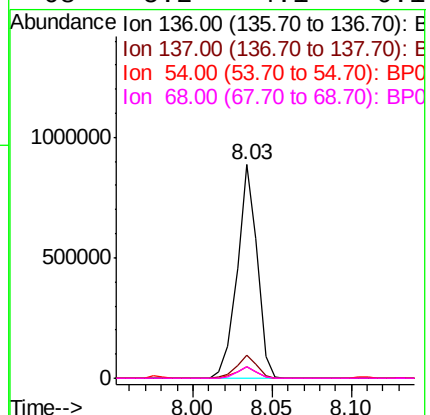
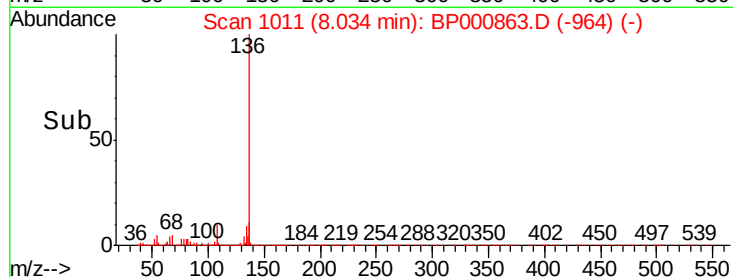
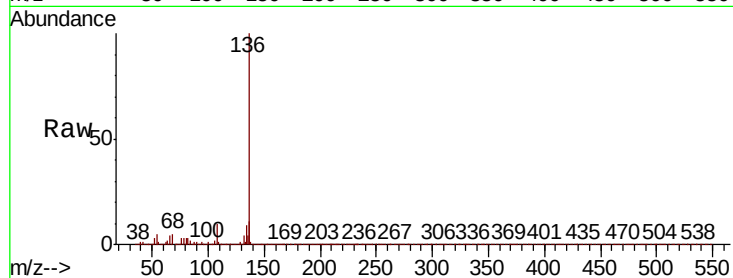
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.5	4.1	6.1
68	5.2	4.1	6.1

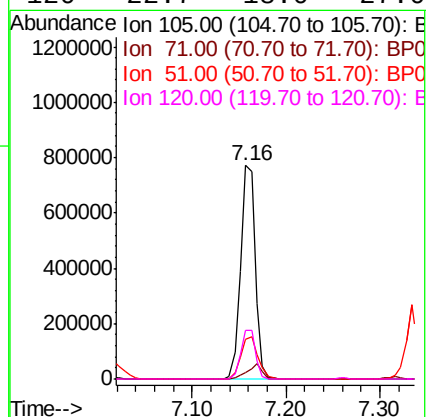
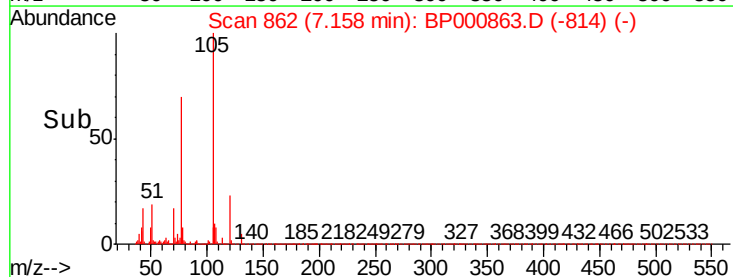
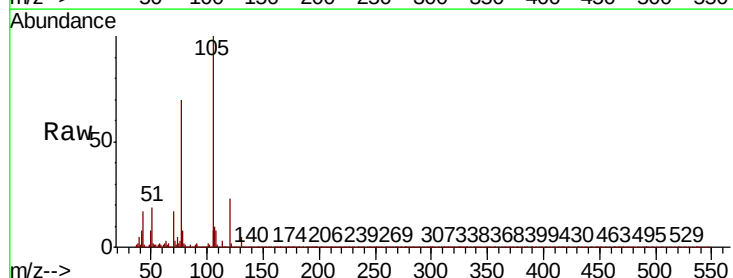
Manual Integrations
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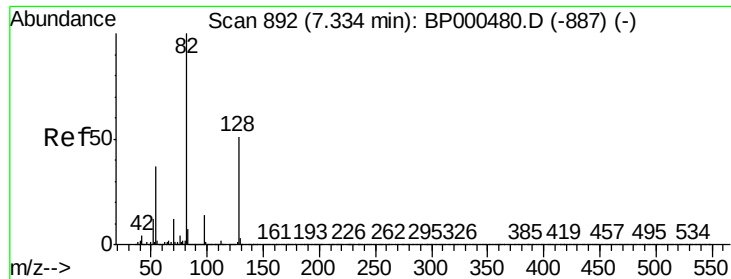
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#22
Acetophenone
Concen: 46.596 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	2.8	3.3	4.9#
51	18.7	17.4	26.2
120	22.7	18.0	27.0





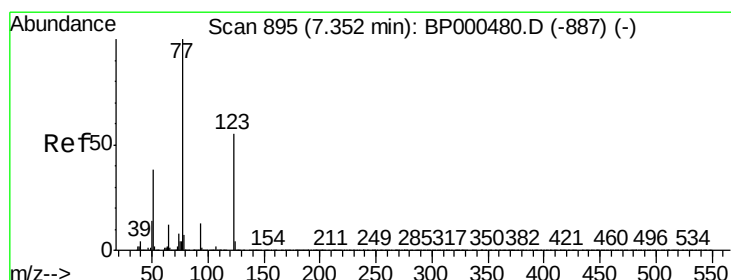
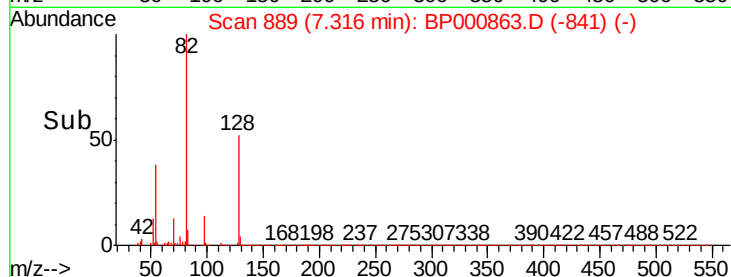
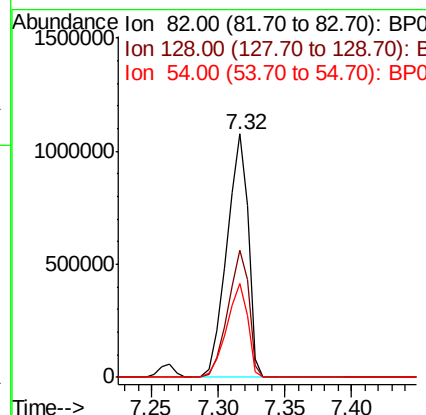
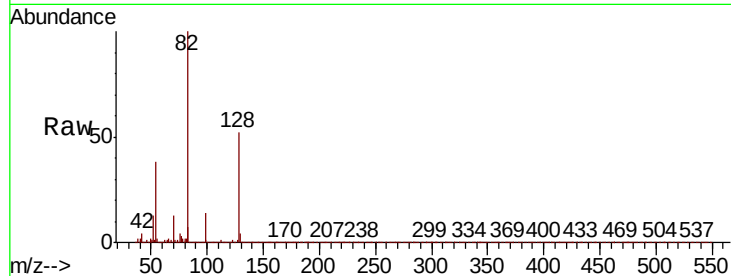
#23
Nitrobenzene-d5
Concen: 96.958 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.0	40.9	61.3
54	38.4	29.4	44.2

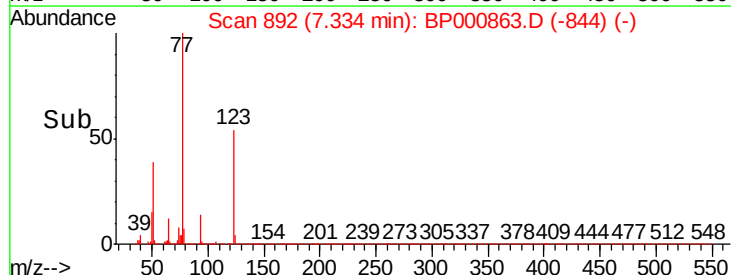
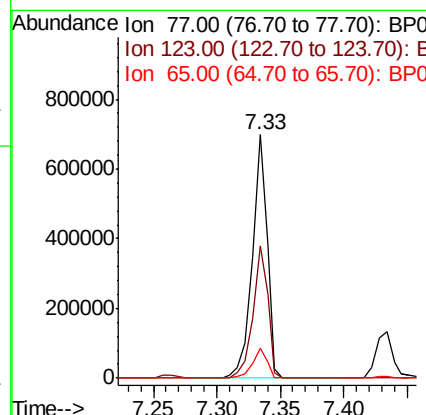
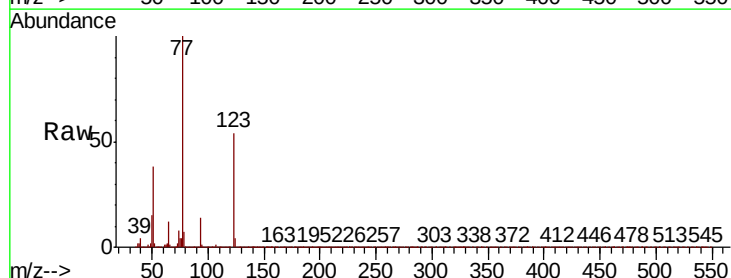
Manual Integrations
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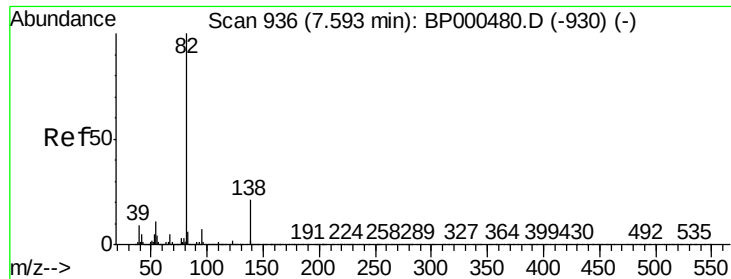
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#24
Nitrobenzene
Concen: 46.435 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.1	44.1	66.1
65	12.3	9.7	14.5





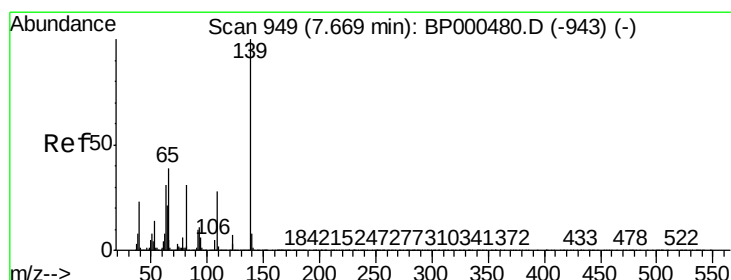
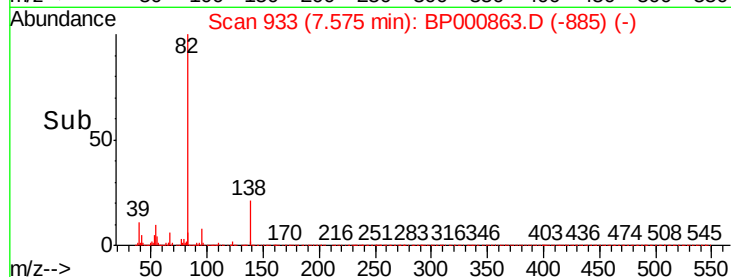
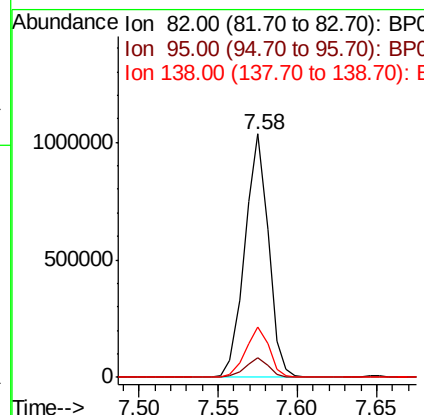
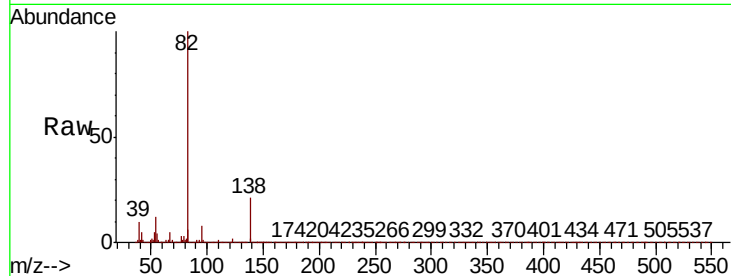
#25
Isophorone
Concen: 47.838 ng
RT: 7.58 min Scan# 933
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.8	5.8	8.6
138	20.7	17.0	25.4

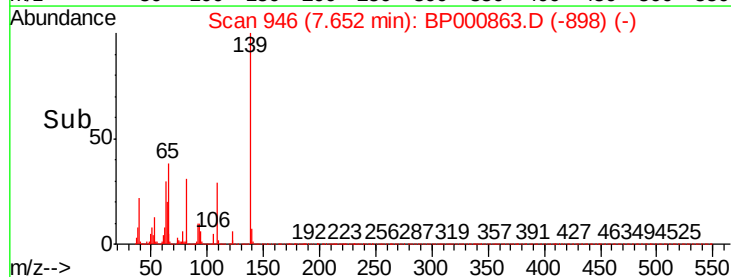
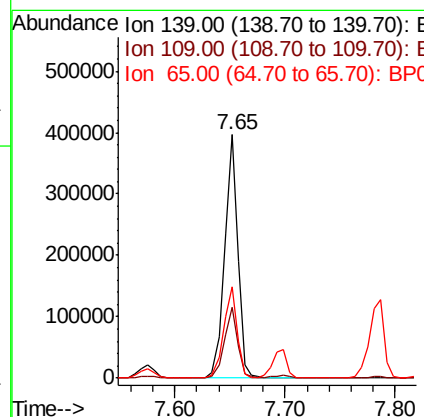
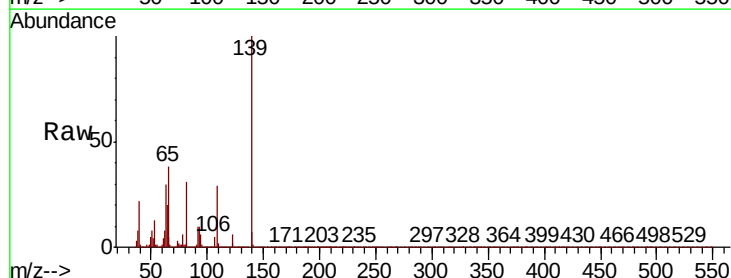
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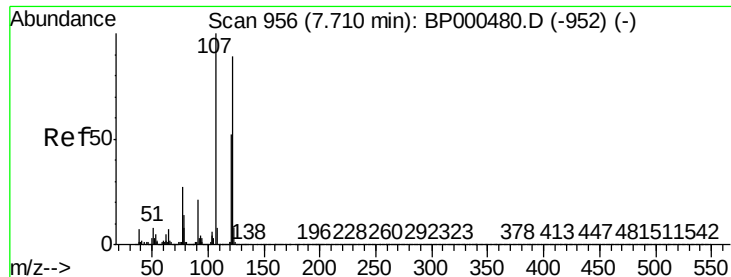
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#26
2-Nitrophenol
Concen: 51.602 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	29.3	22.8	34.2
65	37.6	31.5	47.3





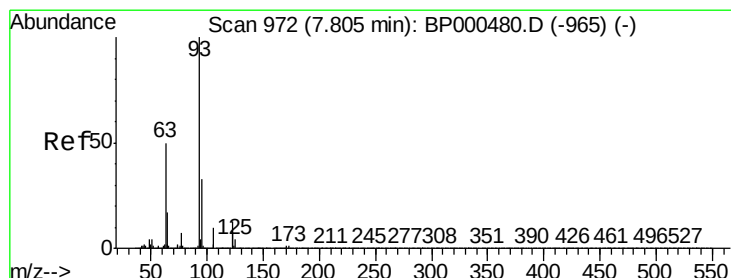
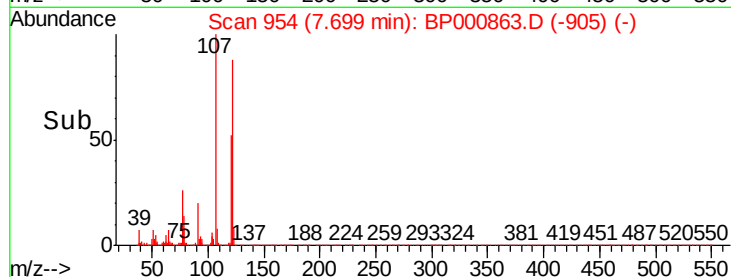
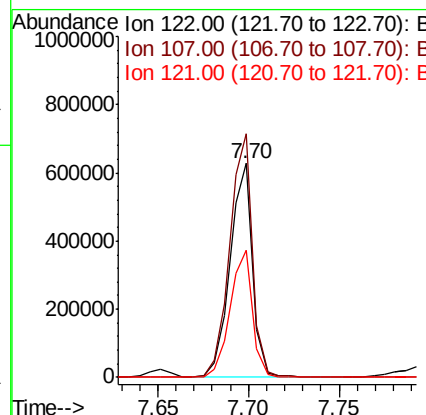
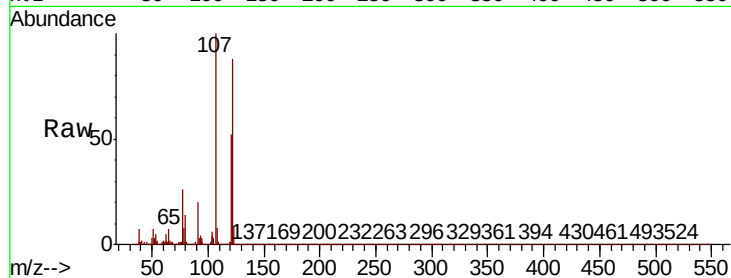
#27
2,4-Dimethylphenol
Concen: 55.203 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	113.9	89.9	134.9
121	59.6	46.6	70.0

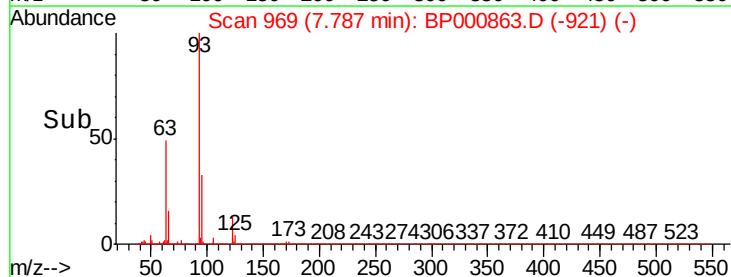
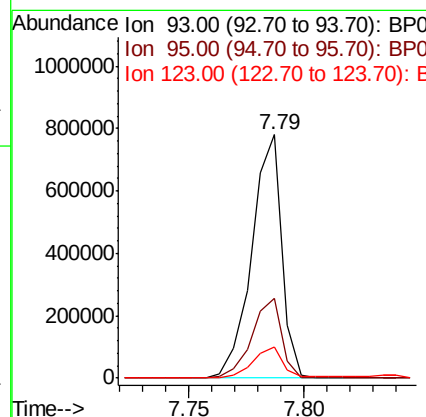
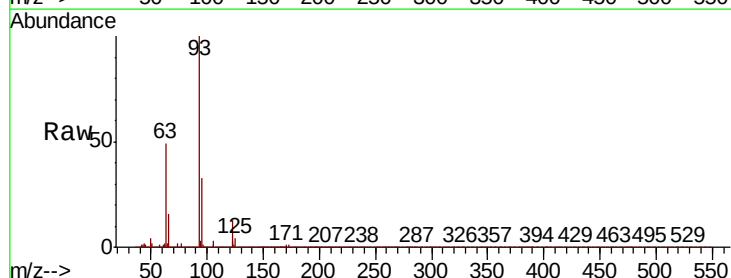
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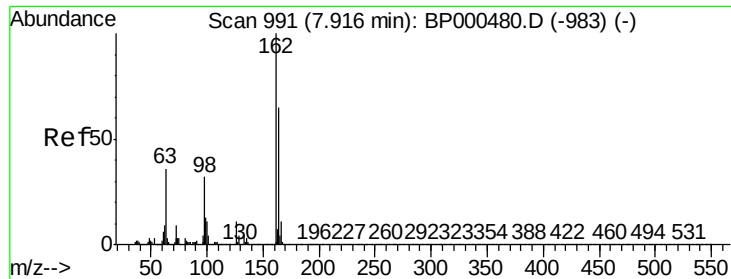
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 46.775 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

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





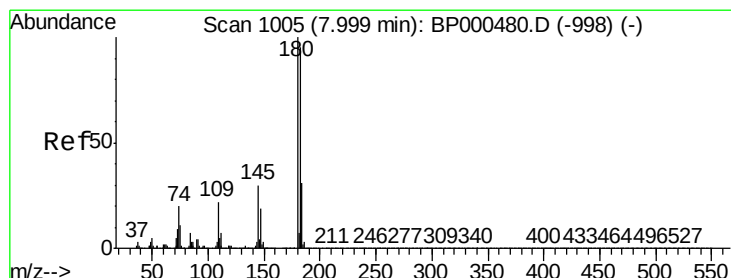
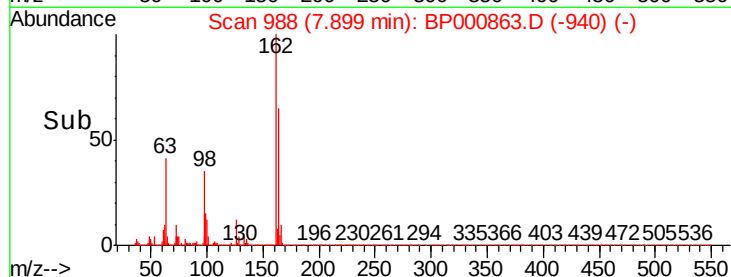
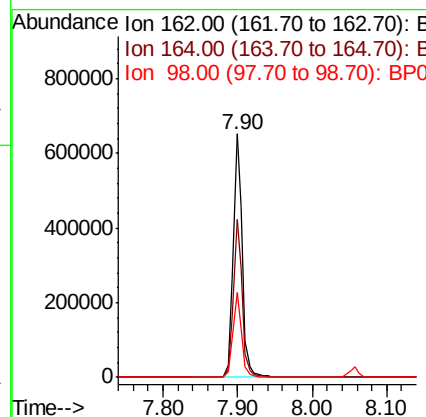
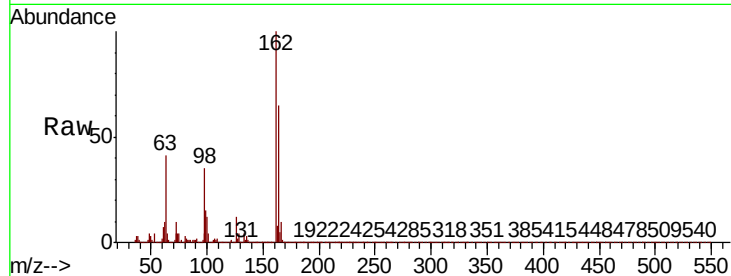
#29
2,4-Dichlorophenol
Concen: 50.134 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	44.6	84.6
98	34.7	11.6	51.6

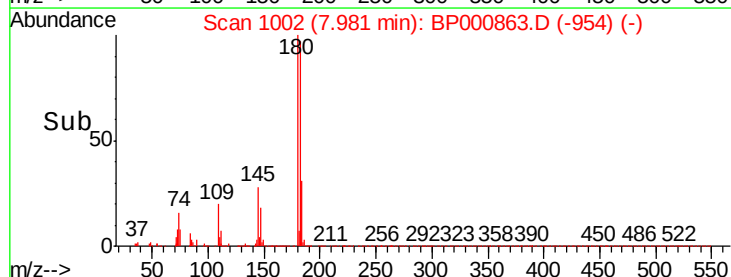
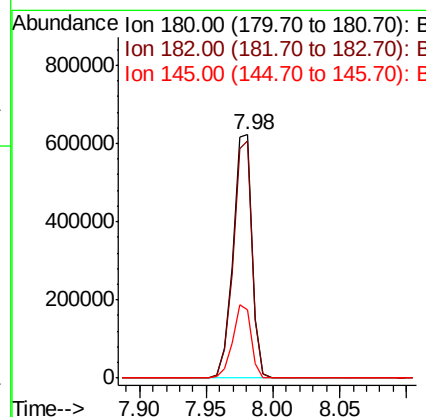
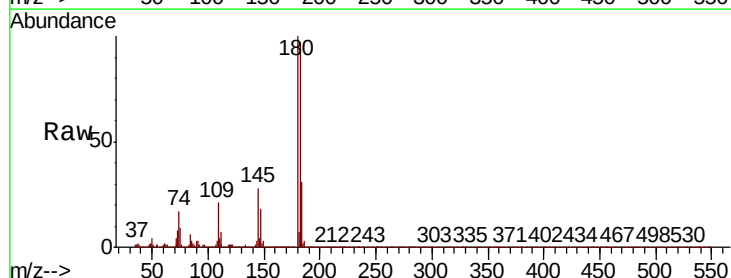
Manual Integrations
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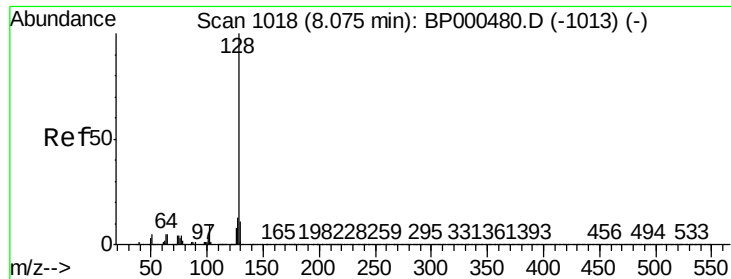
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 47.998 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	97.3	76.2	114.4
145	28.3	23.6	35.4





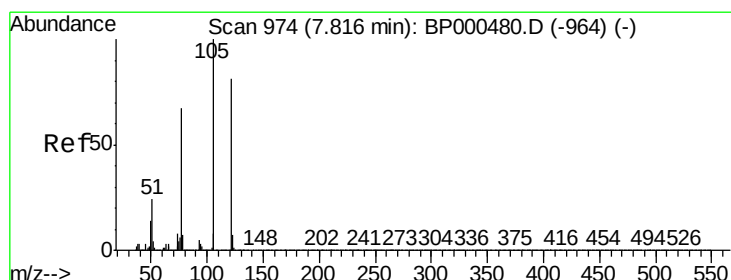
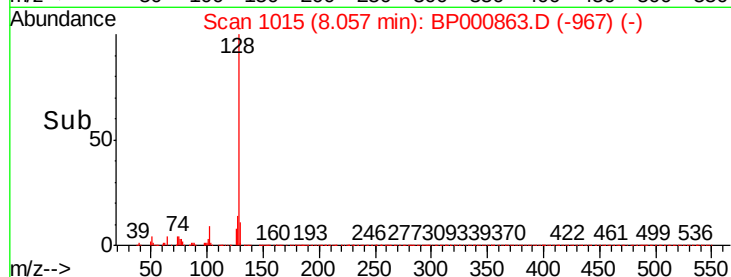
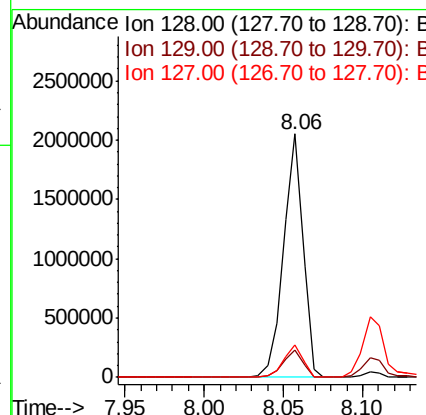
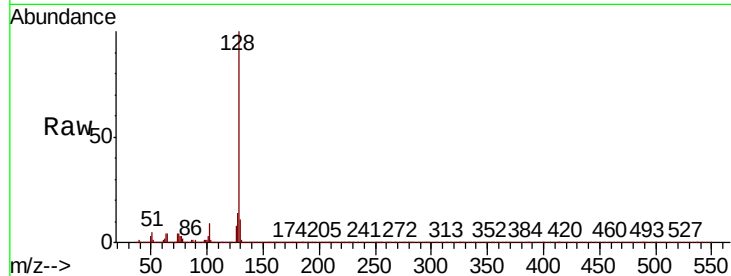
#31
Naphthalene
Concen: 48.769 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.5	10.5	15.7

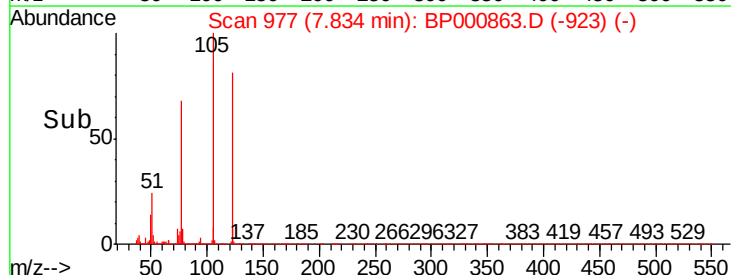
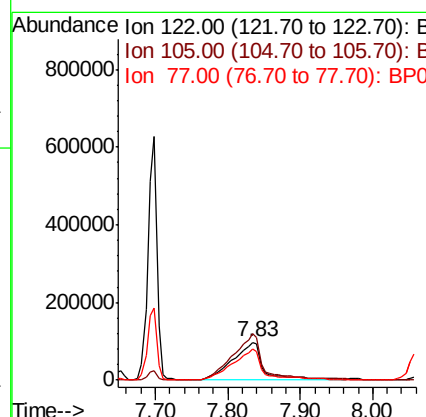
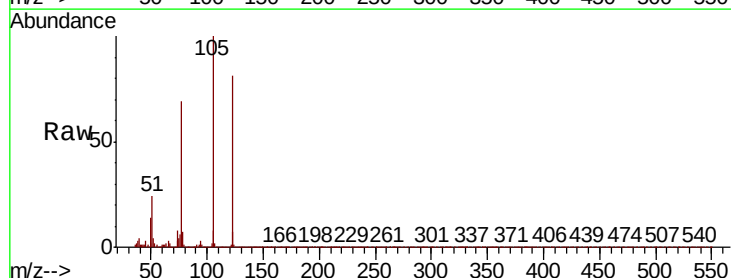
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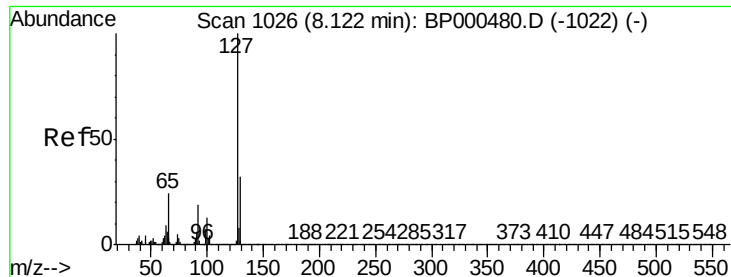
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#32
Benzoic acid
Concen: 44.541 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	101.4	141.4
77	84.5	62.1	102.1





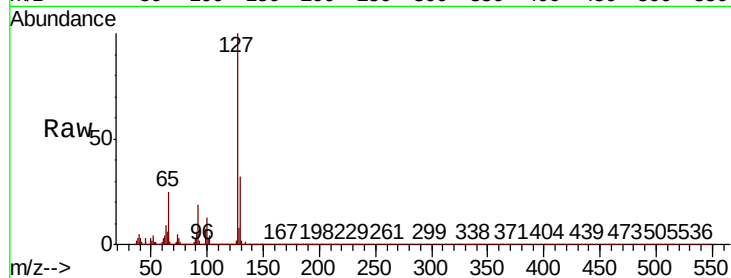
#33
4-Chloroaniline
Concen: 32.606 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.6	38.4	
65	24.6	19.2	28.8	
92	19.0	14.9	22.3	

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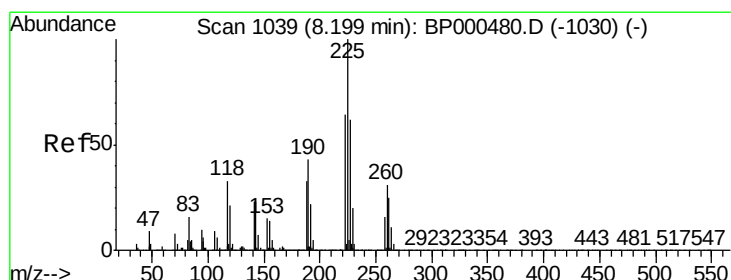
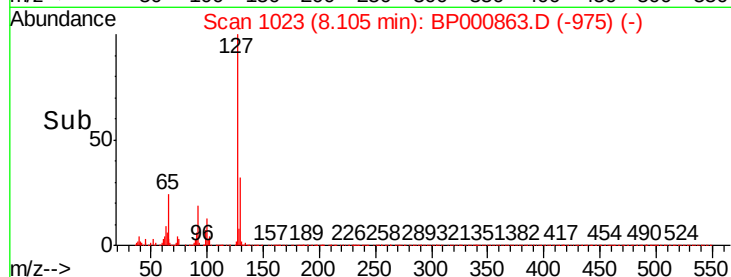
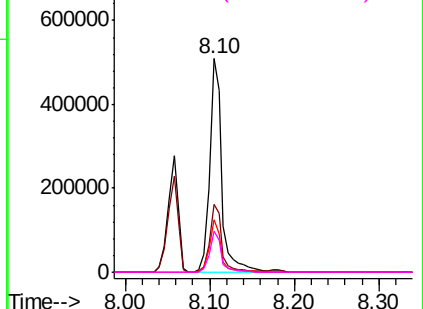
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

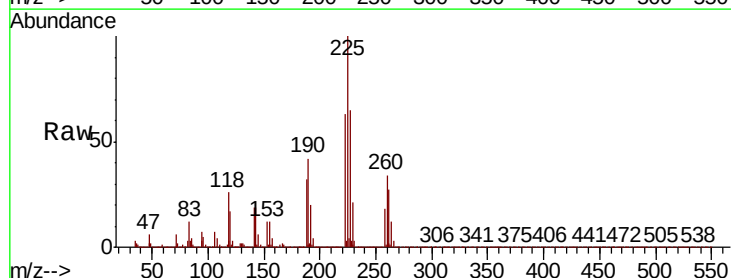
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 48.261 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	51.4	77.0	
227	64.8	49.7	74.5	

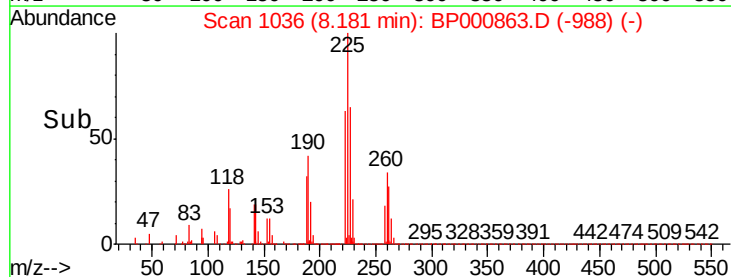
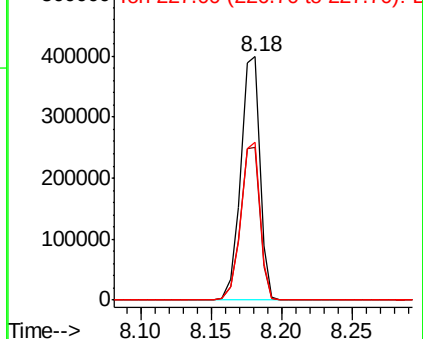


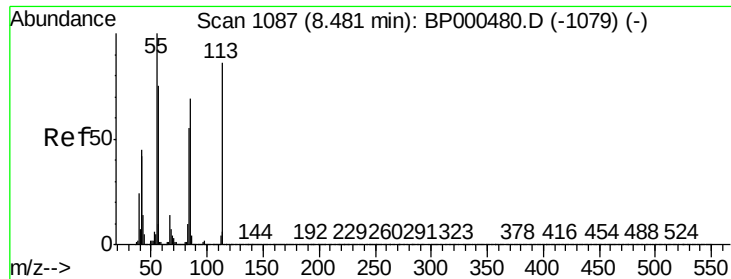
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





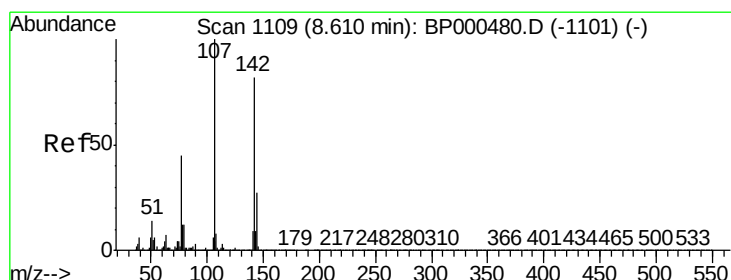
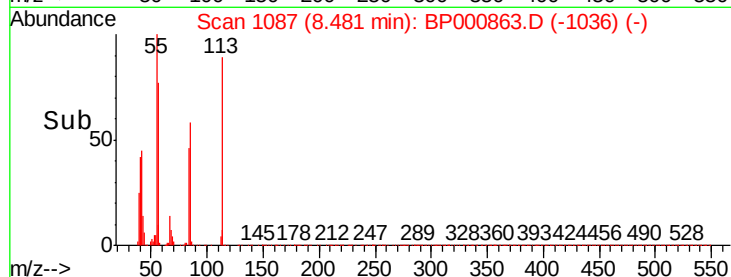
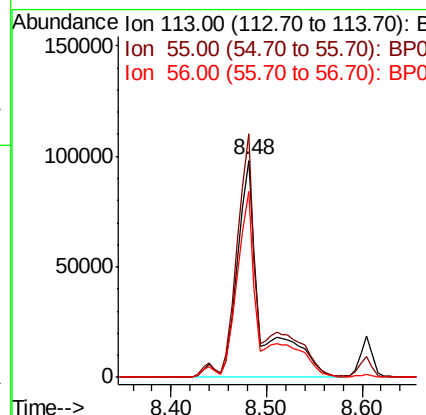
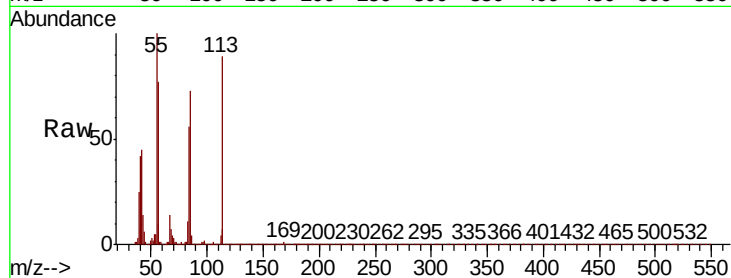
#35
Caprolactam
Concen: 47.179 ng/ml
RT: 8.48 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	112.1	95.9	135.9
56	85.9	67.2	107.2

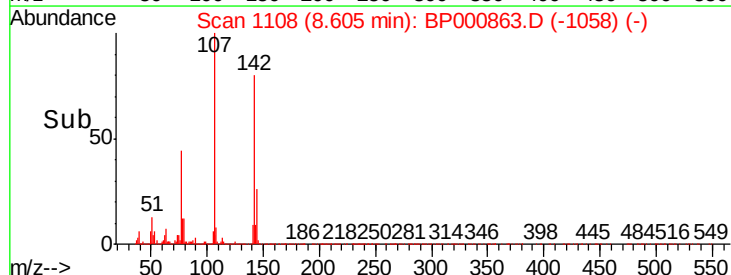
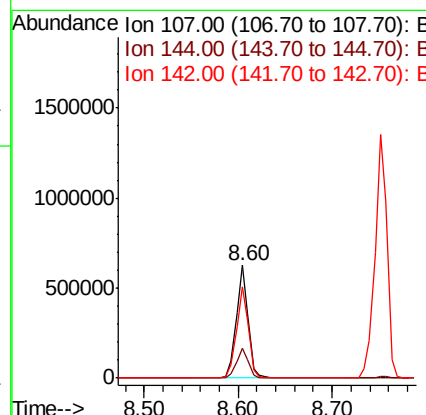
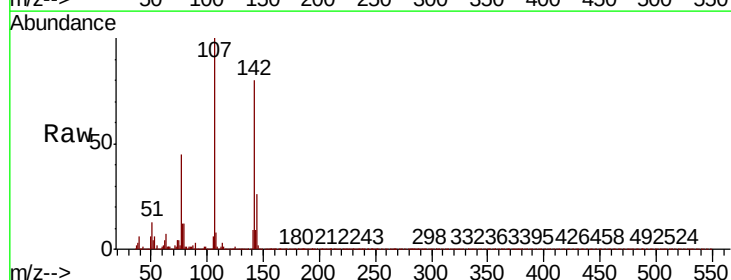
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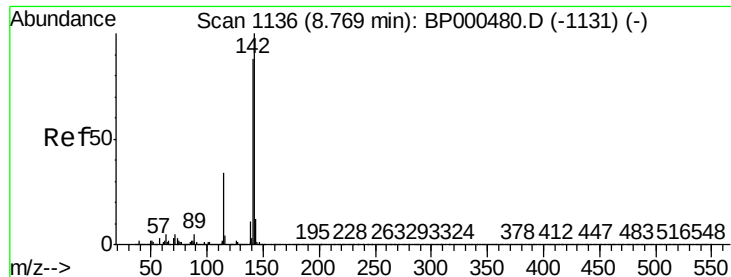
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#36
4-Chloro-3-methylphenol
Concen: 50.175 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	21.8	32.8
142	80.3	65.5	98.3





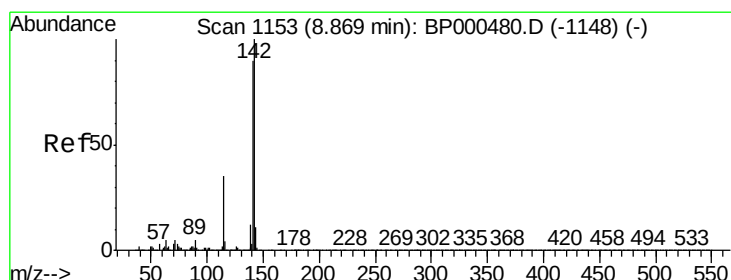
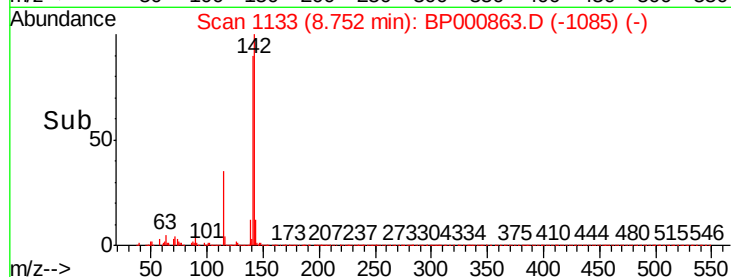
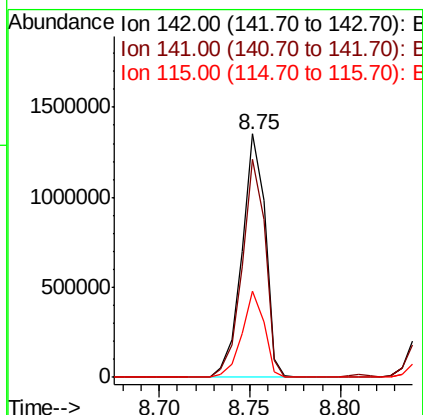
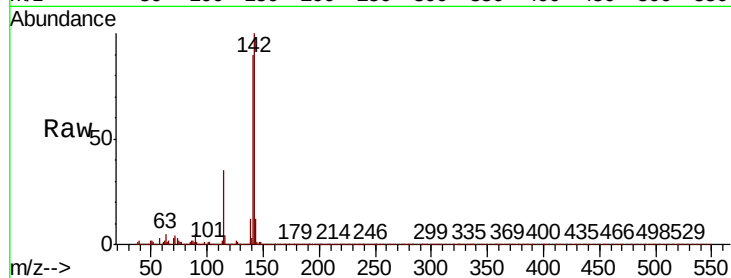
#37
2-Methylnaphthalene
Concen: 49.998 ng
RT: 8.75 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.6	106.0
115	35.3	27.4	41.0

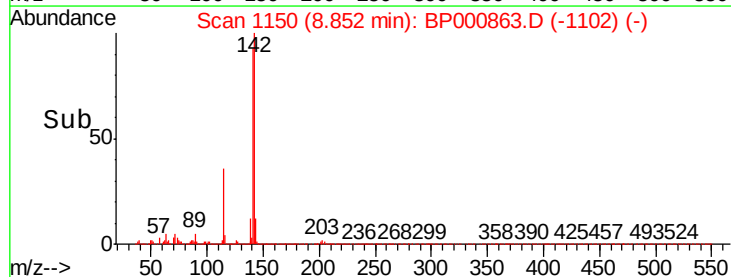
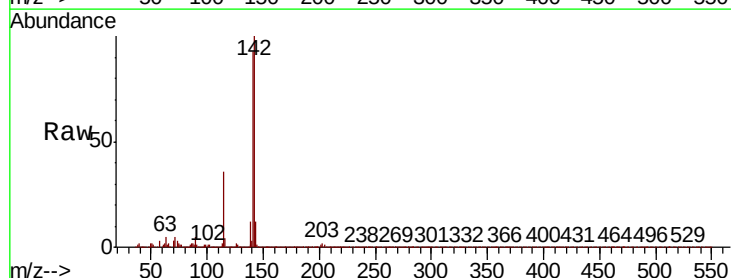
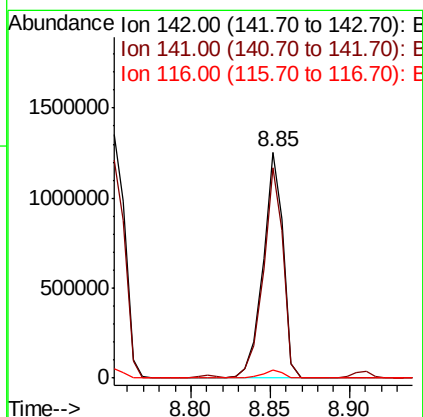
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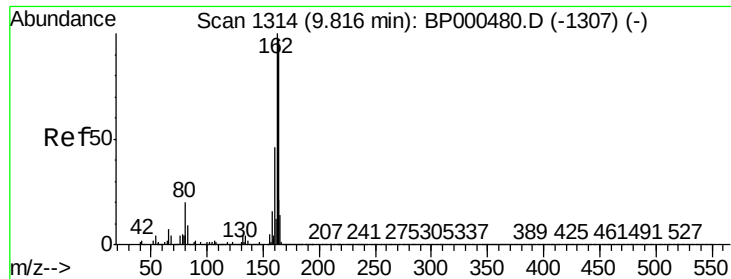
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#38
1-Methylnaphthalene
Concen: 48.865 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.9	107.9
116	3.8	3.0	4.4





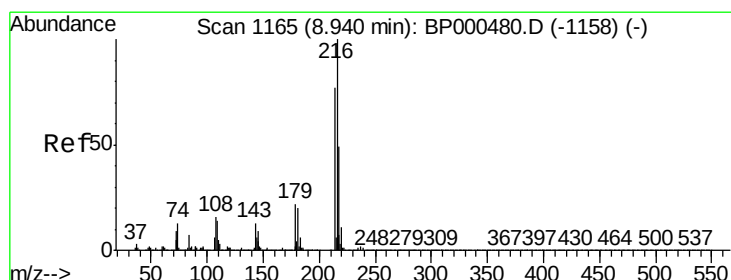
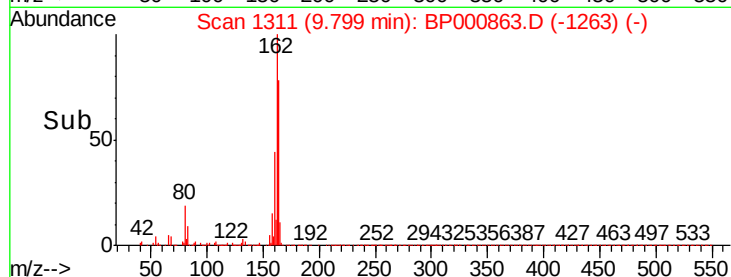
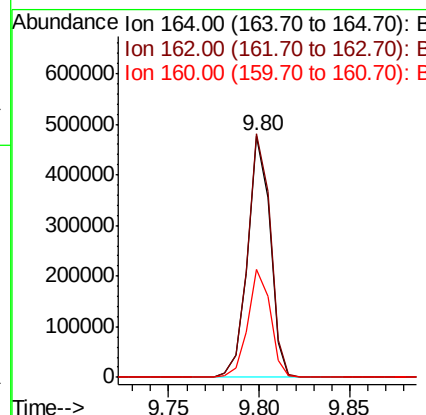
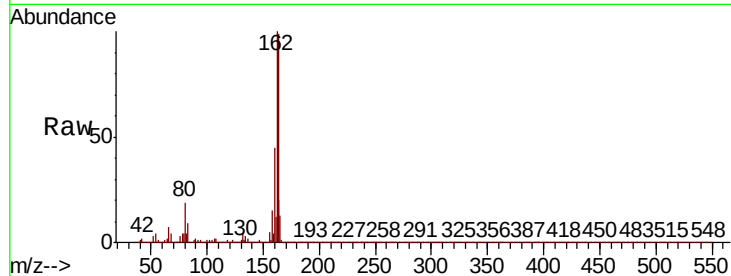
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	44.9	37.6	56.4

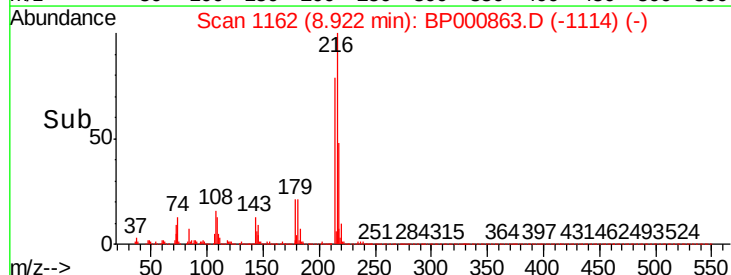
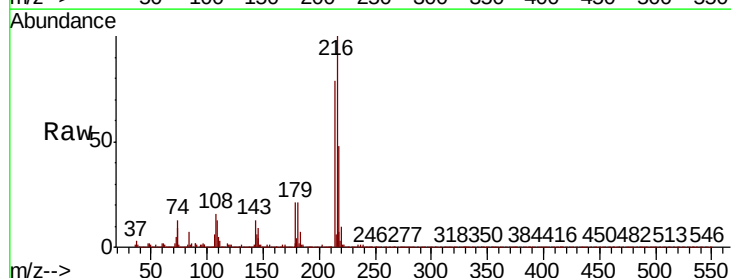
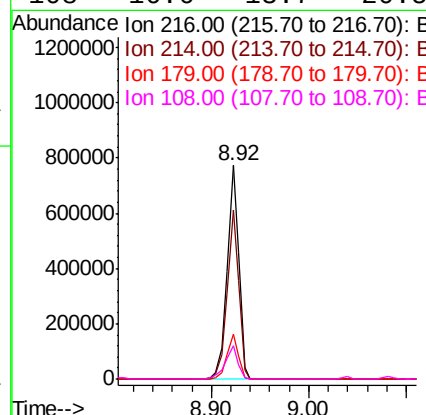
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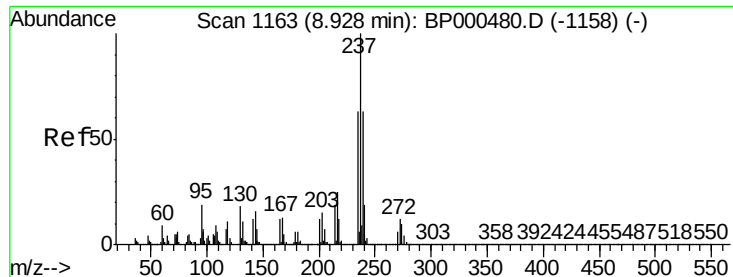
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.887 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	62.7	94.1
179	20.7	16.7	25.1
108	16.6	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 49.012 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

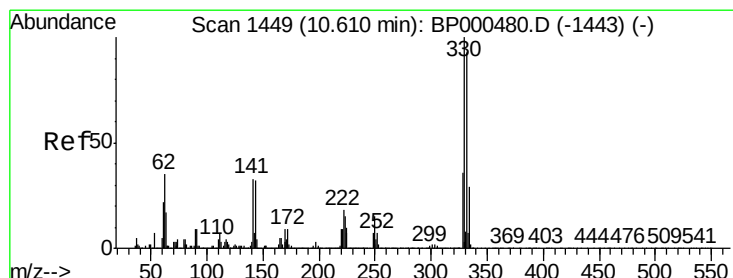
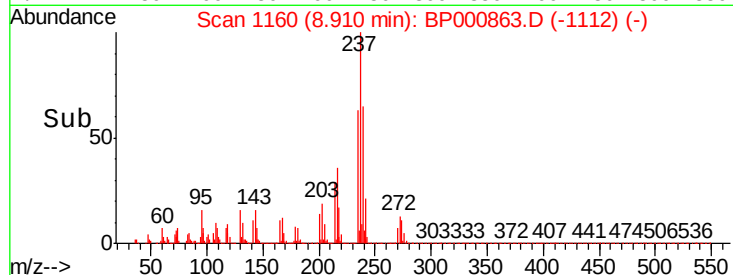
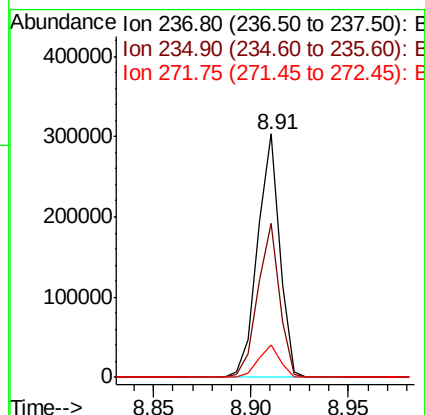
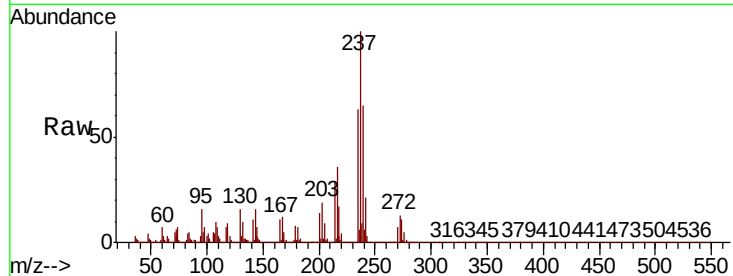
ClientSampleId :

RBR200031-RT4221MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.4	42.9	82.9	
272	13.5	0.0	32.4	

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#42

2,4,6-Tribromophenol

Concen: 150.815 ng

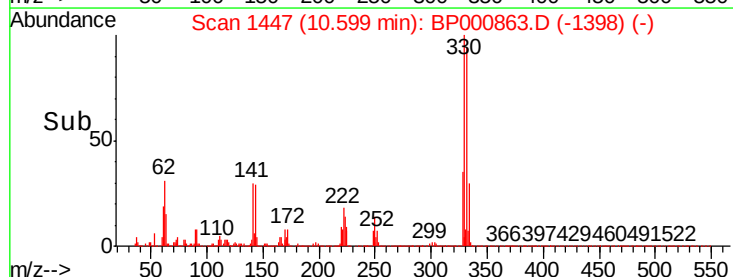
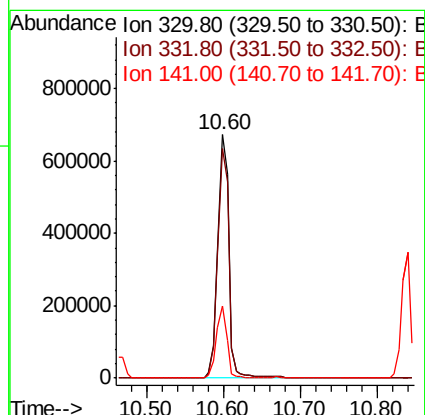
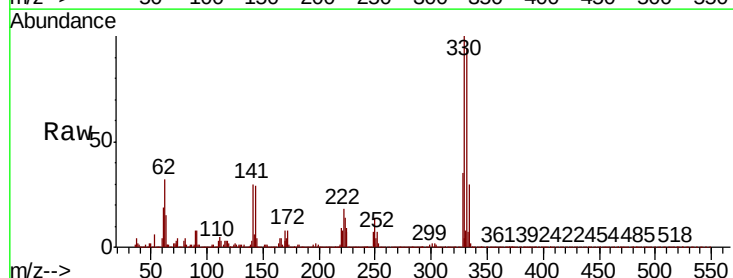
RT: 10.60 min Scan# 1447

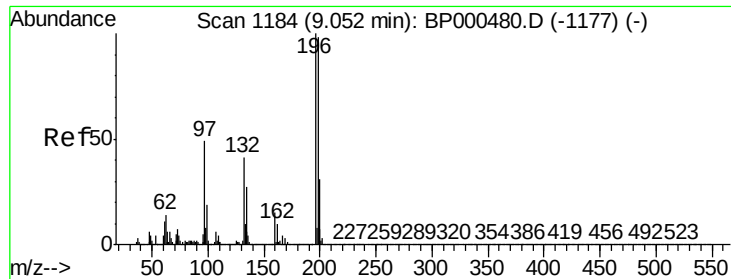
Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.0	77.1	115.7	
141	28.3	26.0	39.0	





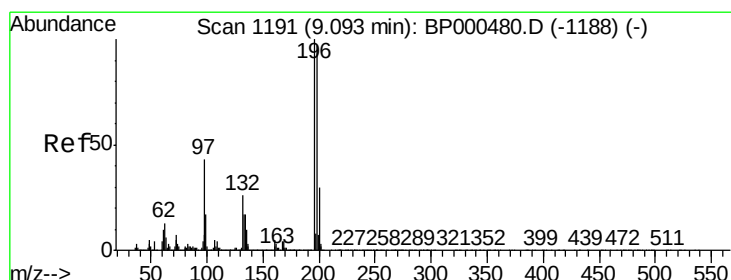
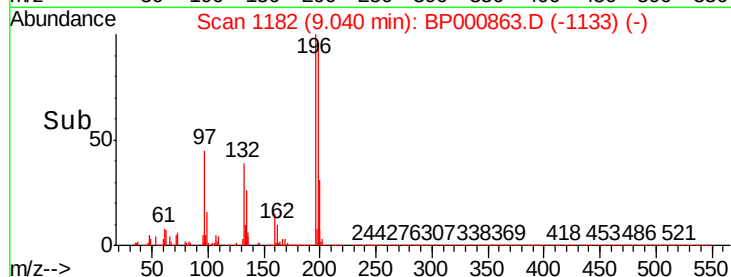
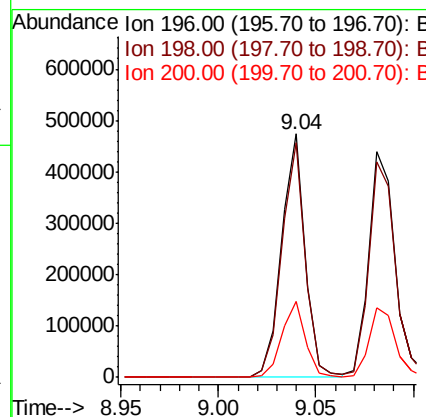
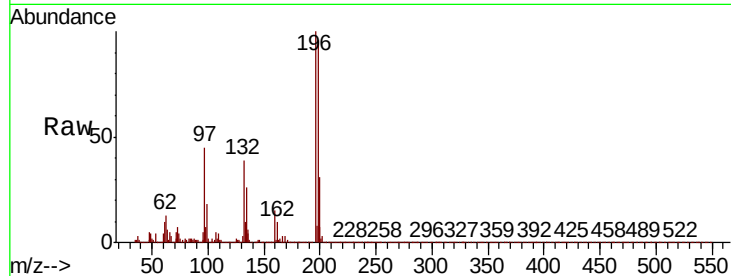
#43
 2,4,6-Trichlorophenol
 Concen: 49.222 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 03:05

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	394697		
198	96.5	78.2	117.2	
200	31.3	24.9	37.3	

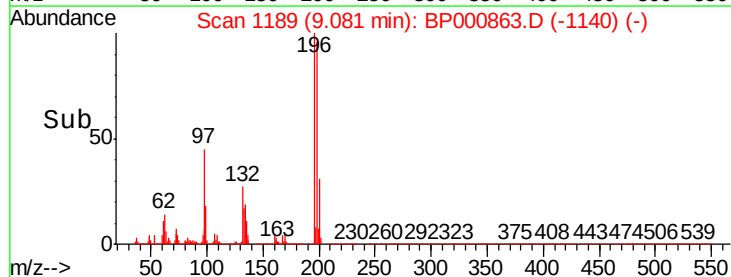
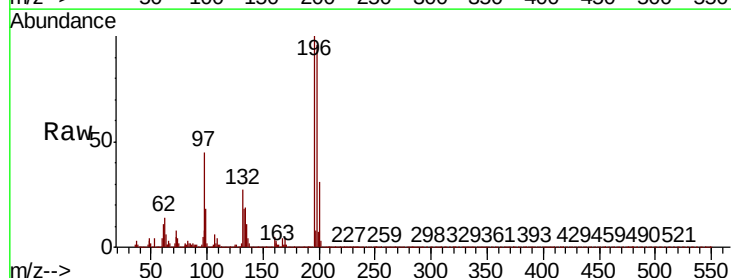
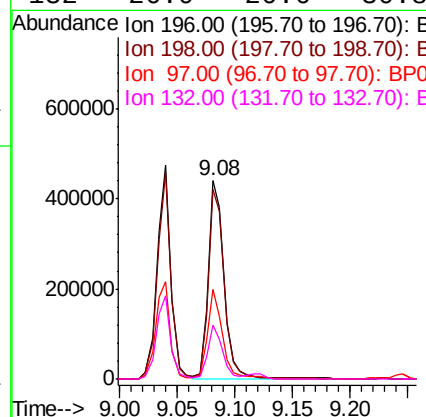
Manual Integrations
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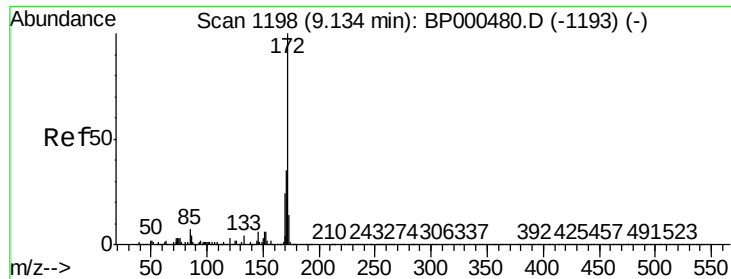
mohammad
 10/20/2019 8:16:41 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.570 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	418682		
198	95.6	77.4	116.0	
97	45.2	34.6	51.8	
132	26.9	20.6	30.8	





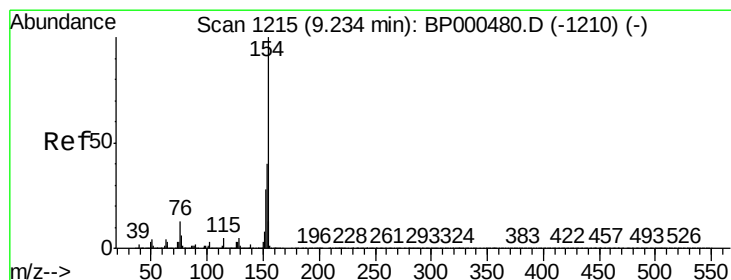
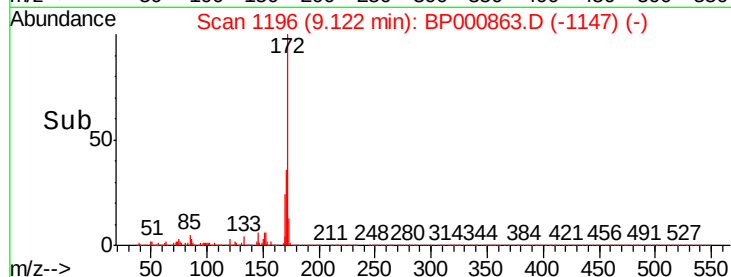
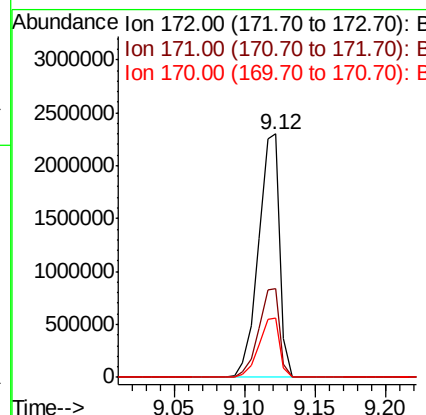
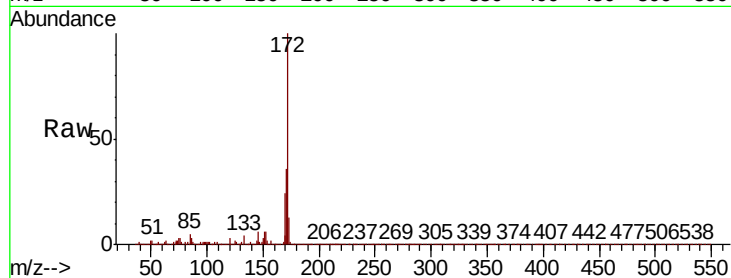
#45
2-Fluorobiphenyl
Concen: 95.449 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	24.3	19.1	28.7

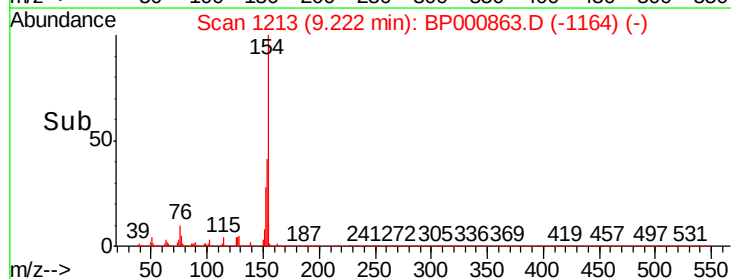
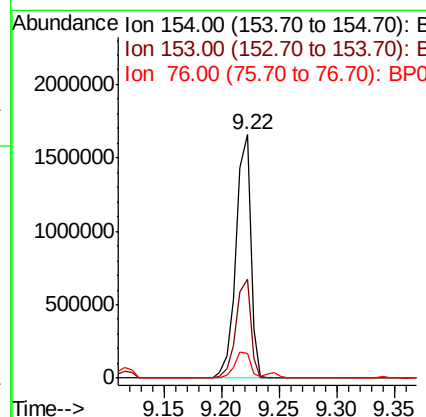
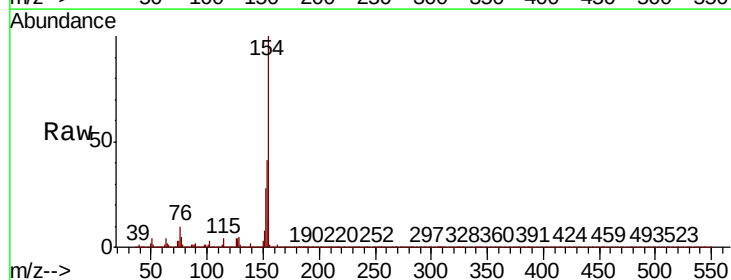
Manual Integrations
APPROVED

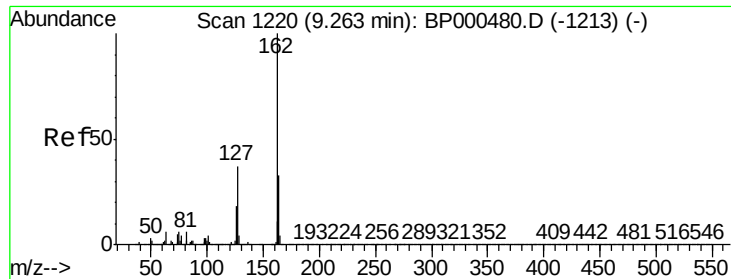
mohammad
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#46
1,1'-Biphenyl
Concen: 47.315 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	19.9	59.9
76	10.1	0.0	32.8





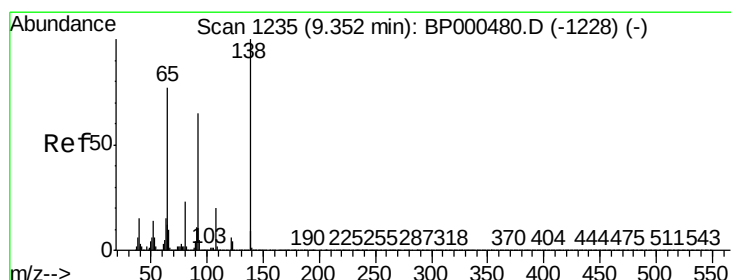
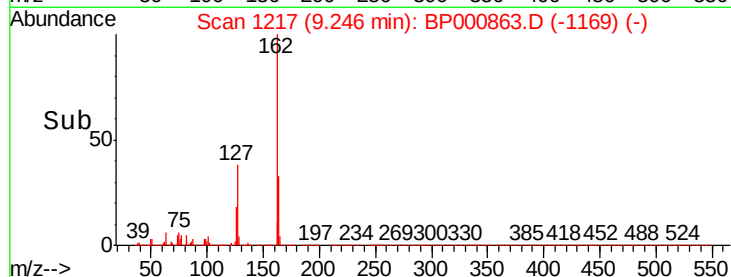
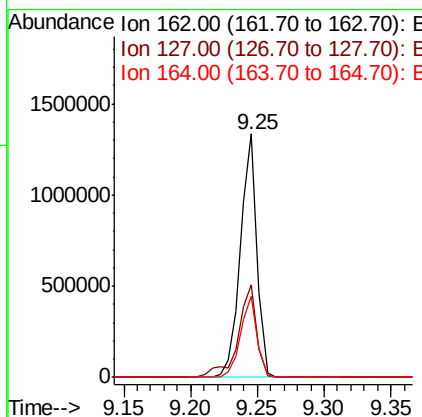
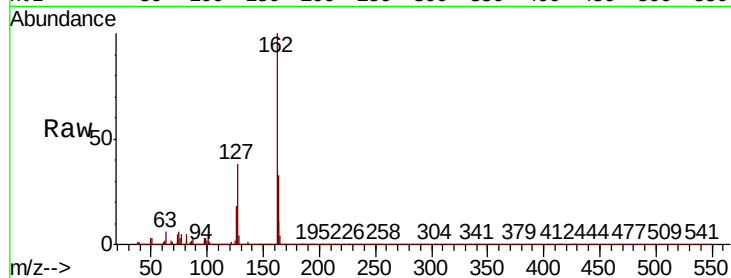
#47
2-Chloronaphthalene
Concen: 47.967 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	29.8	44.6
164	33.4	26.6	39.8

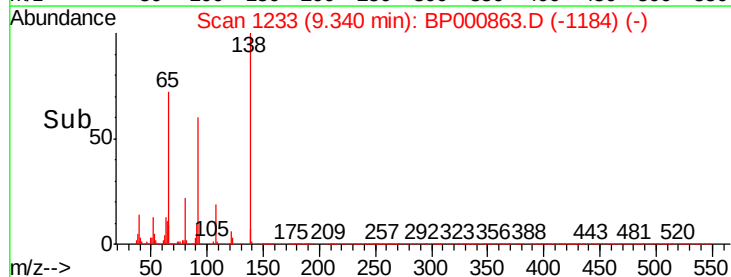
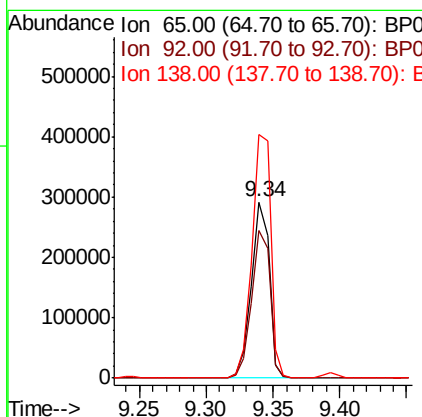
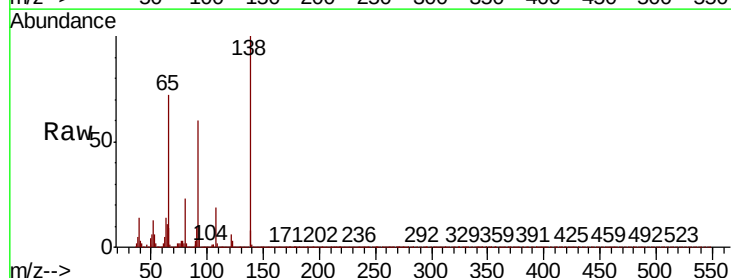
Manual Integrations
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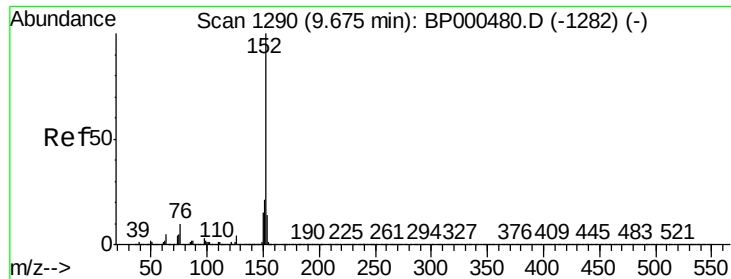
mohammad
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#48
2-Nitroaniline
Concen: 46.059 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
65	100		
92	83.7	67.0	100.4
138	138.3	103.5	155.3





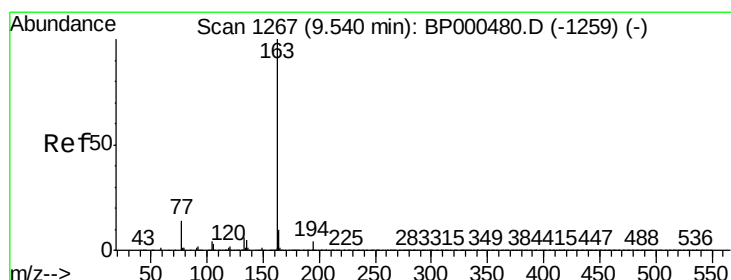
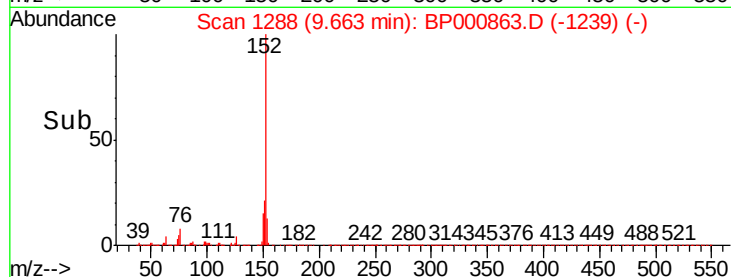
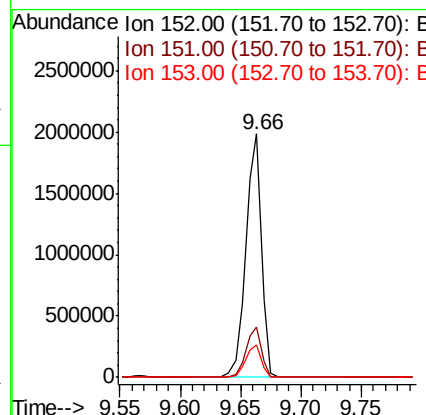
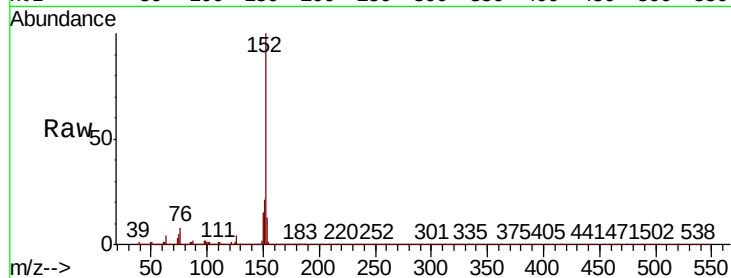
#49
Acenaphthylene
Concen: 49.129 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0
153	13.2	11.0	16.6

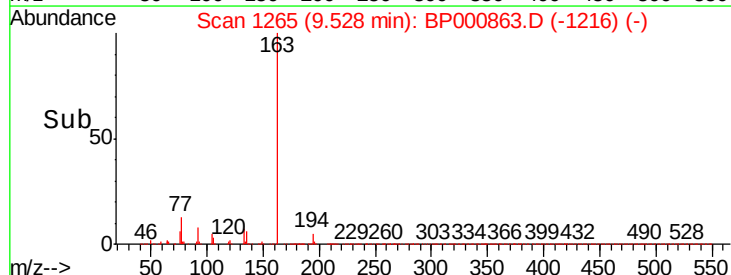
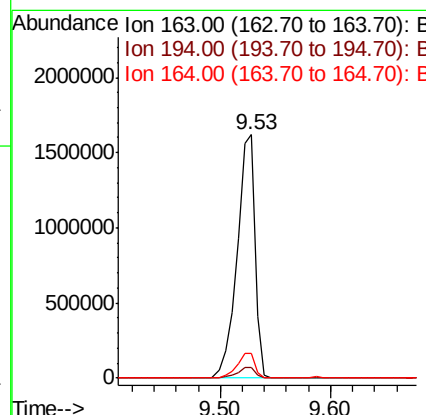
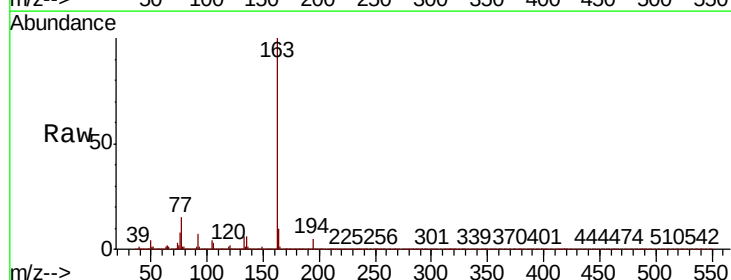
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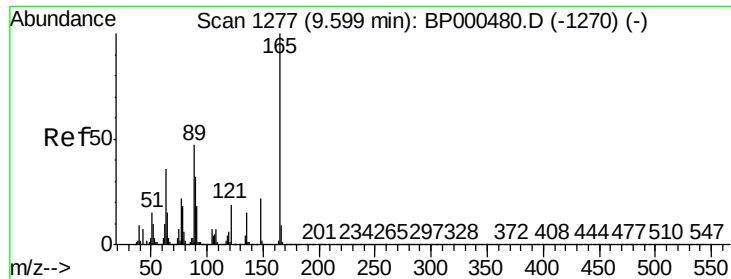
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#50
Dimethylphthalate
Concen: 64.479 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.0	8.0	12.0





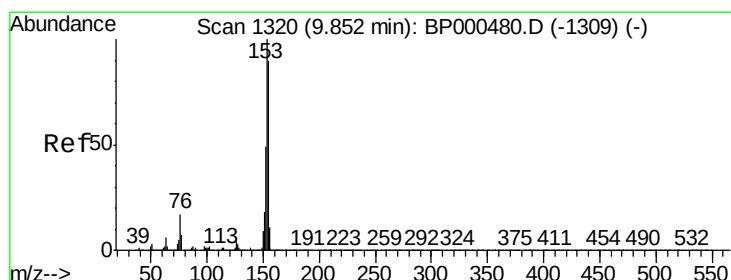
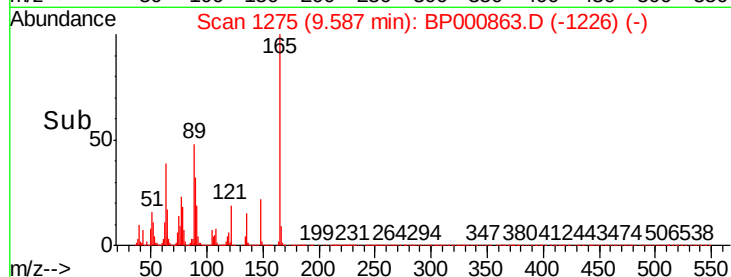
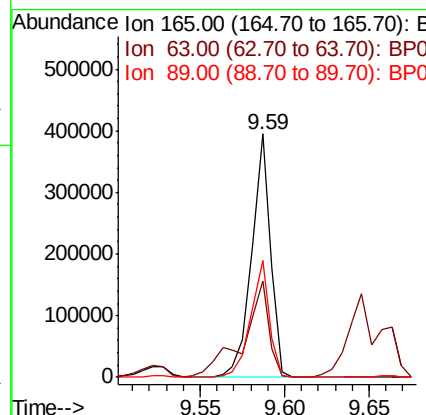
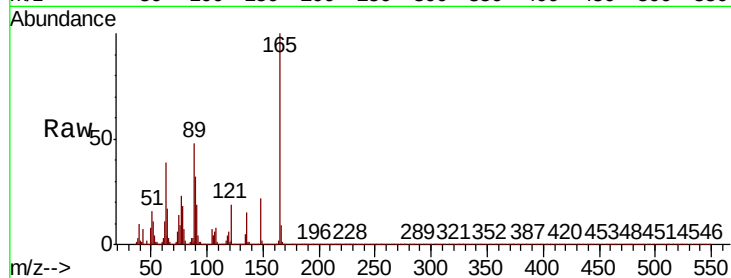
#51
2,6-Dinitrotoluene
Concen: 49.741 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		310191		
63	39.4	29.9	44.9		
89	47.8	37.3	55.9		

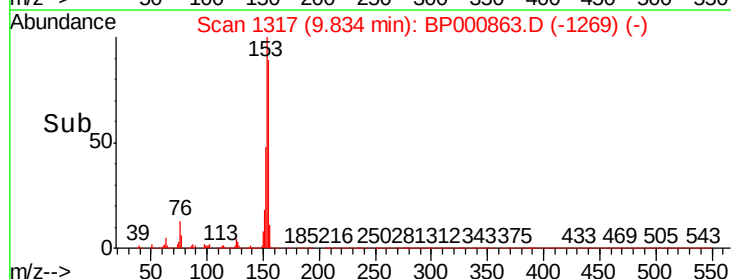
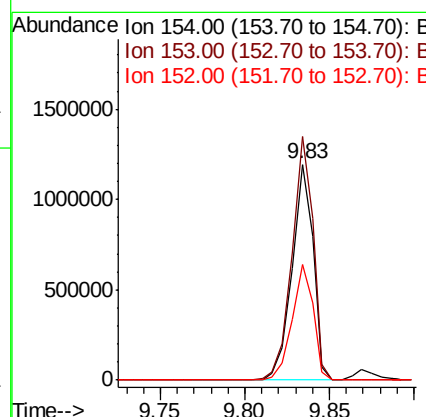
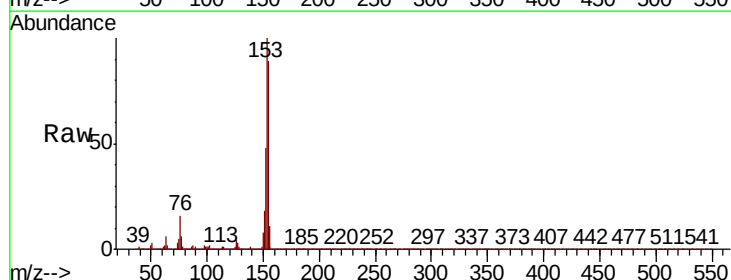
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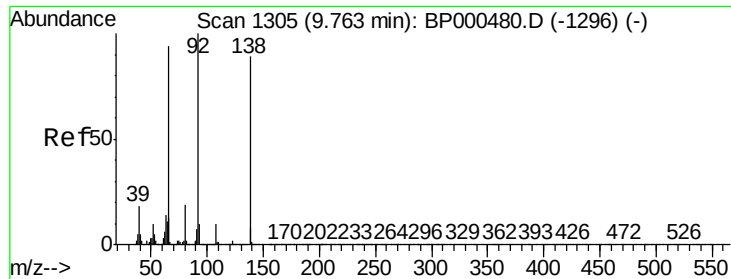
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#52
Acenaphthene
Concen: 46.837 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		1029680		
153	112.8	89.4	134.0		
152	53.8	43.8	65.8		





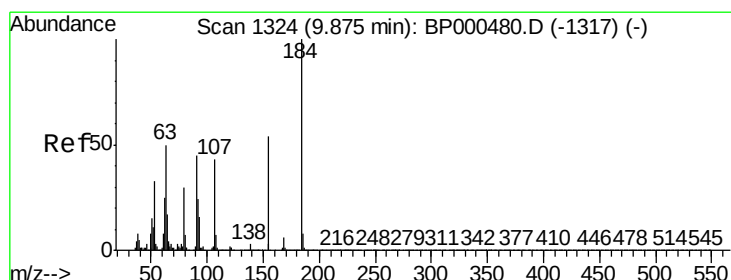
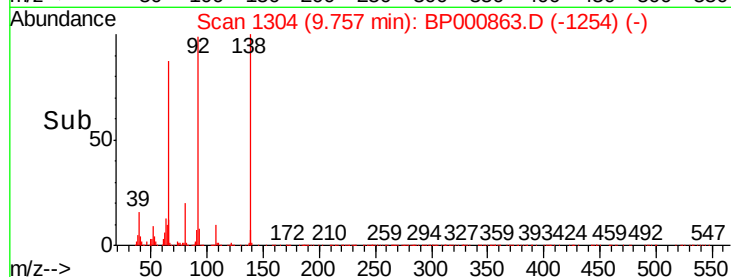
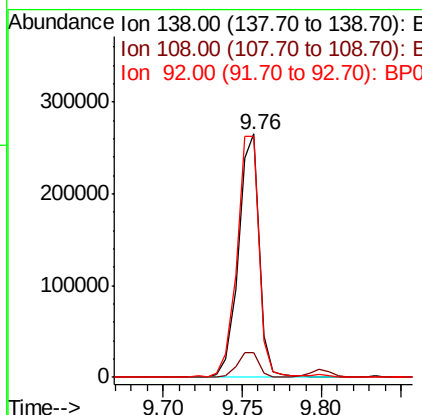
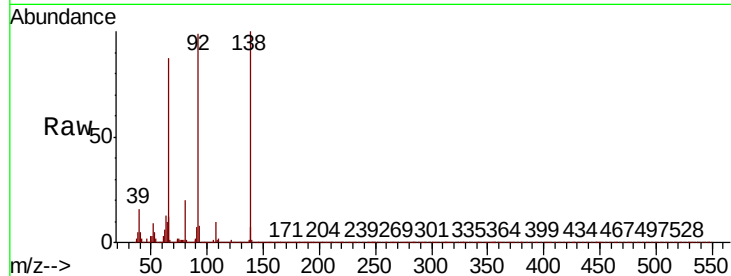
#53
3-Nitroaniline
Concen: 33.734 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.8	13.2
92	99.0	90.4	135.6

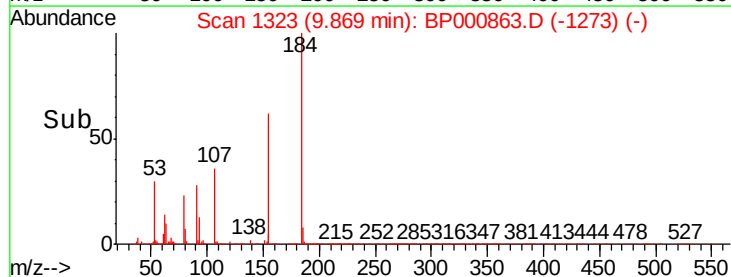
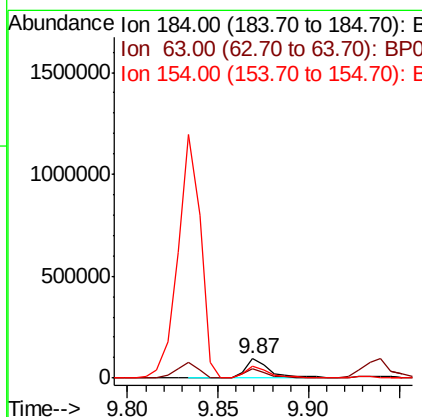
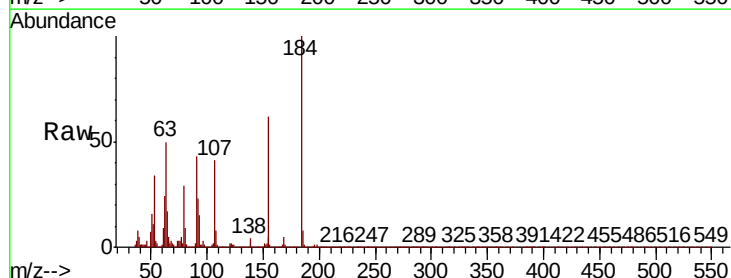
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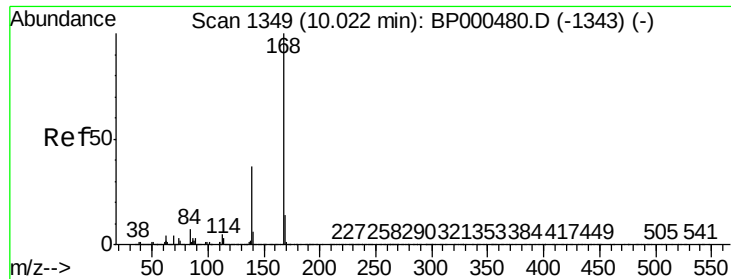
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#54
2,4-Dinitrophenol
Concen: 43.705 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.7	41.0	61.4
154	62.4	49.8	74.8





#55

Dibenzofuran

Concen: 48.364 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:168 Resp: 1589374

Ion Ratio Lower Upper

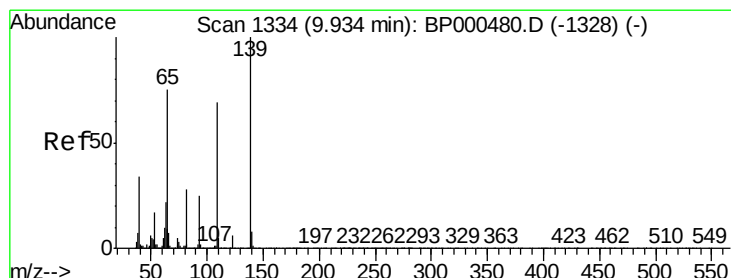
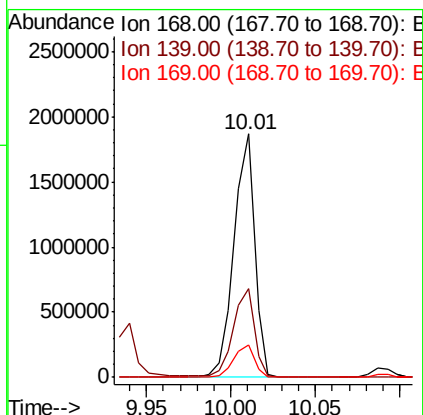
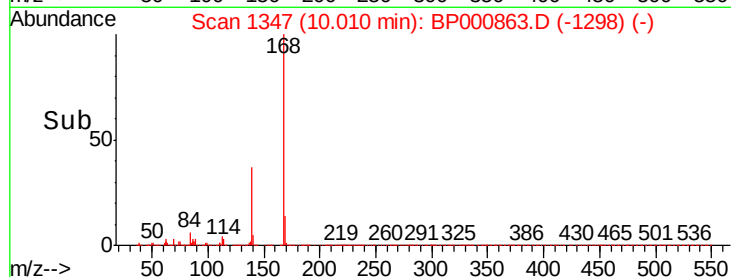
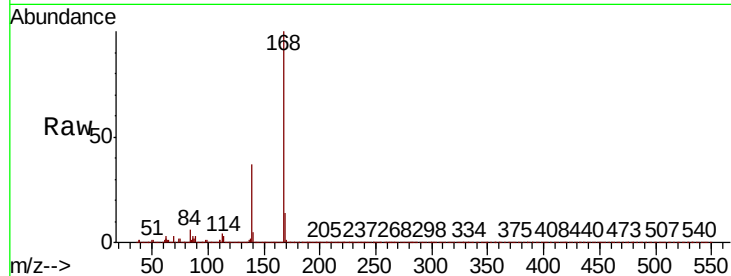
168 100

139 36.6 29.5 44.3

169 13.5 11.1 16.7

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#56

4-Nitrophenol

Concen: 84.832 ng

RT: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

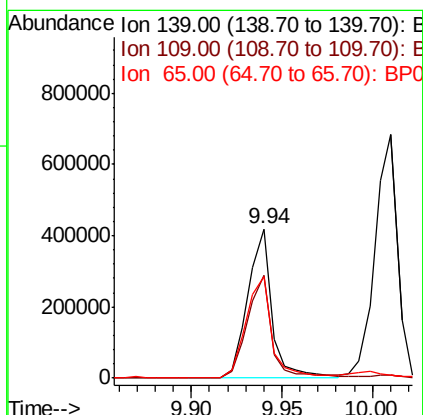
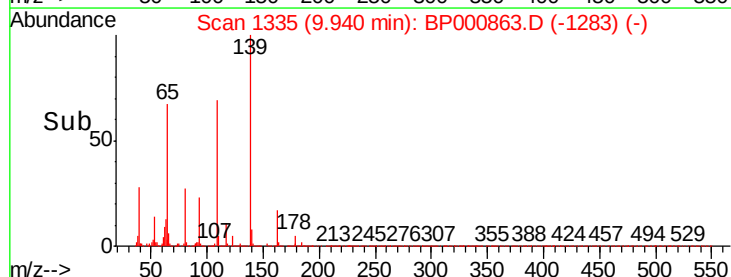
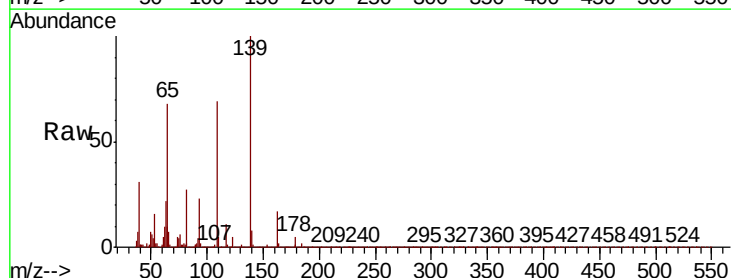
Tgt Ion:139 Resp: 387006

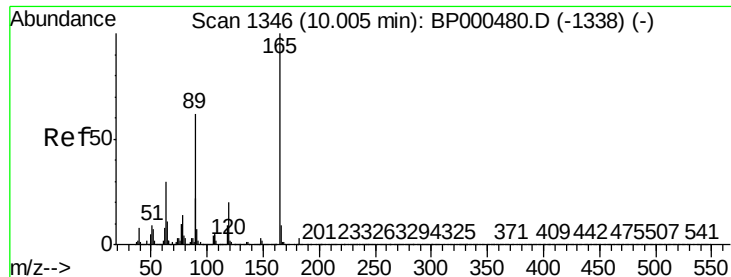
Ion Ratio Lower Upper

139 100

109 69.2 48.6 88.6

65 67.7 55.3 95.3





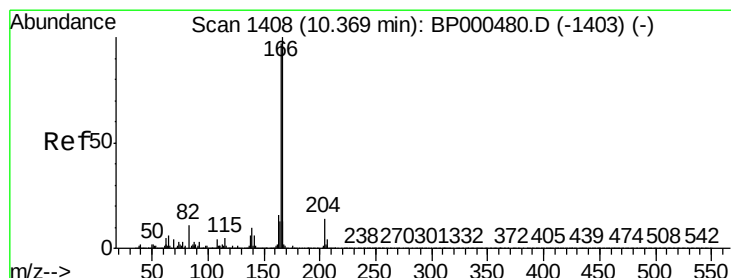
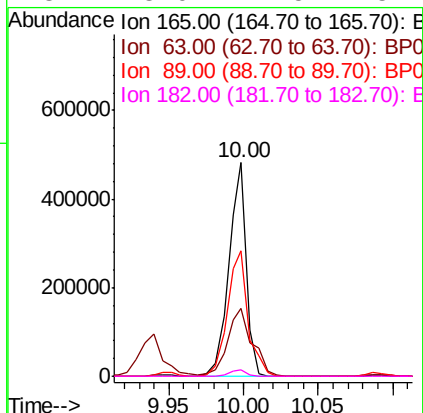
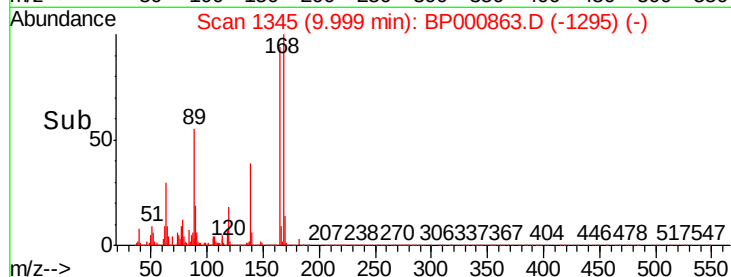
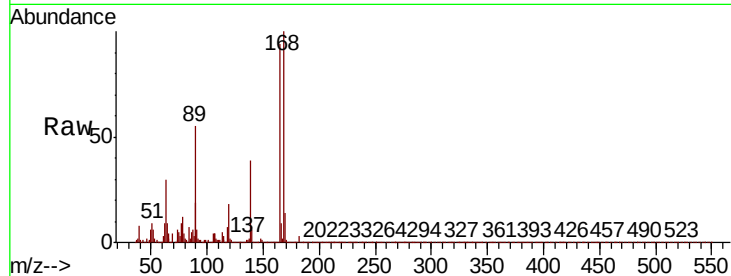
#57
2,4-Dinitrotoluene
Concen: 47.960 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	32.0	24.2	36.4	
89	58.6	49.4	74.0	
182	3.0	2.5	3.7	

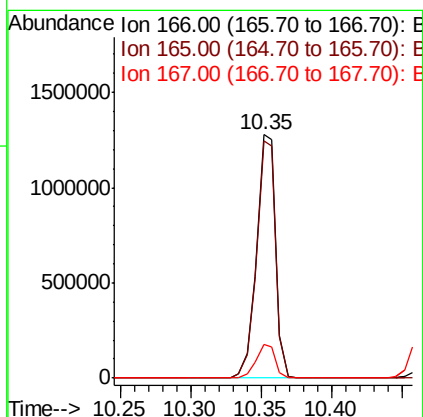
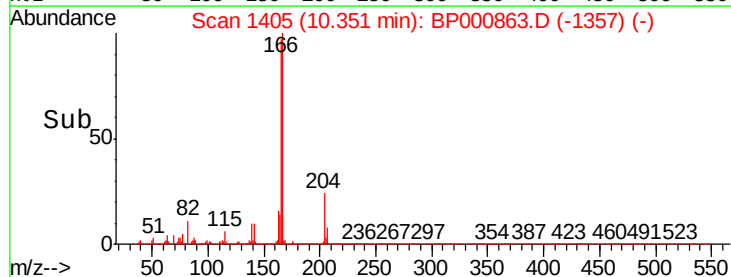
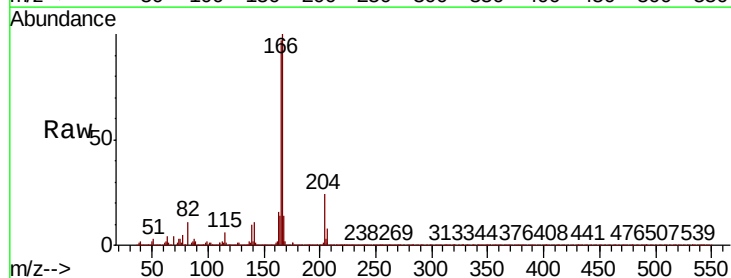
Manual Integrations
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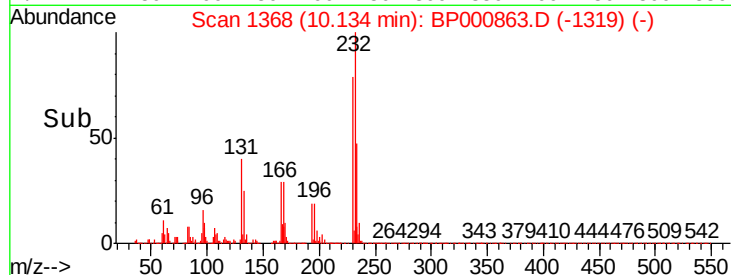
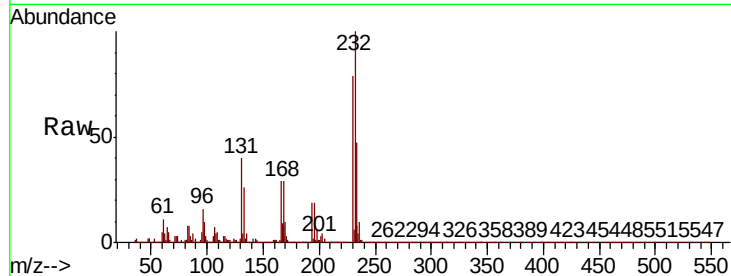
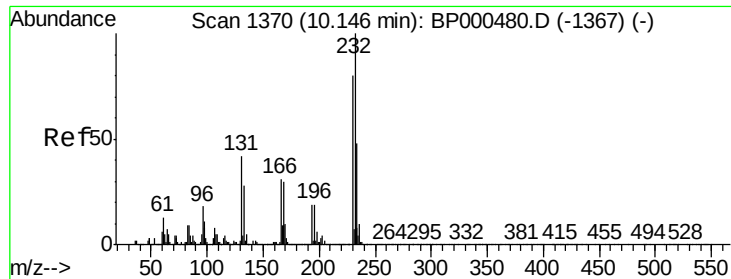
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#58
Fluorene
Concen: 52.151 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.4	77.3	115.9	
167	13.6	10.6	16.0	





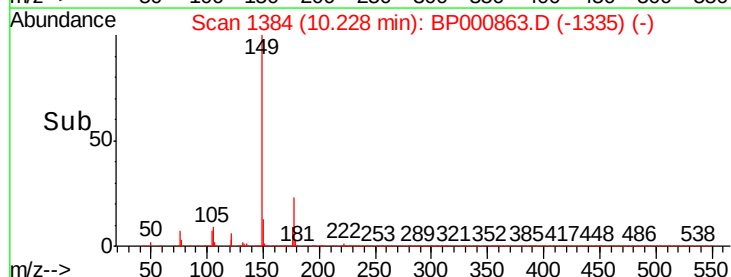
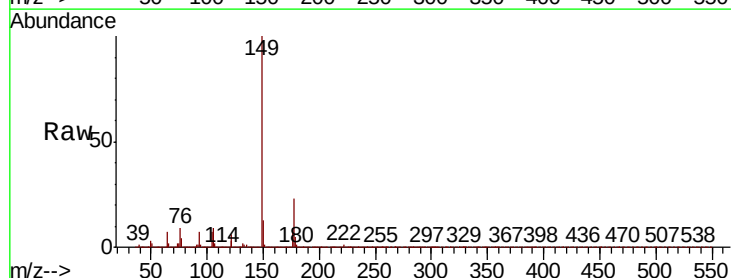
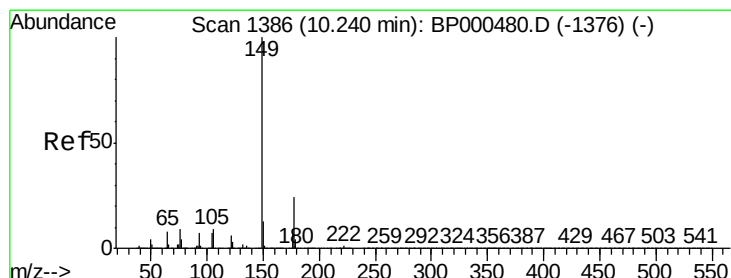
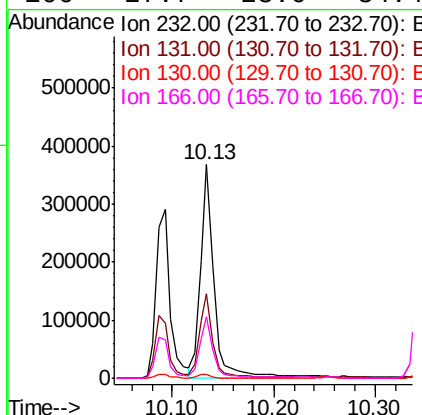
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.886 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		335139		
131	38.4	32.1	48.1		
130	2.0	1.6	2.4		
166	27.7	23.0	34.4		

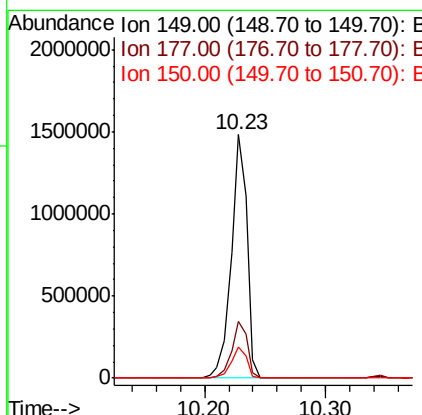
Manual Integrations
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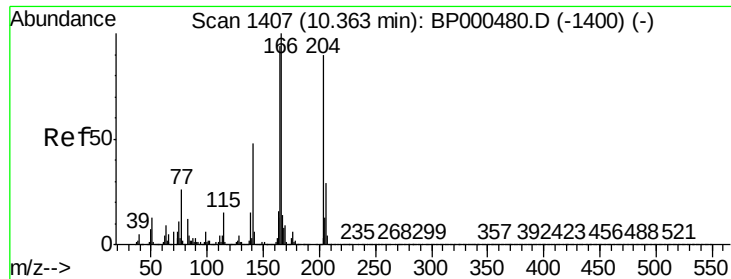
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#60
Diethylphthalate
Concen: 49.182 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1335092		
177	23.3	19.0	28.6		
150	12.9	10.8	16.2		





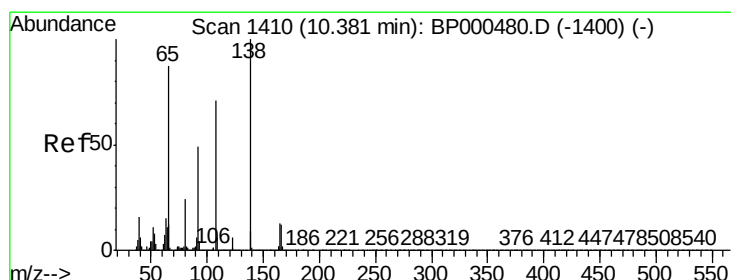
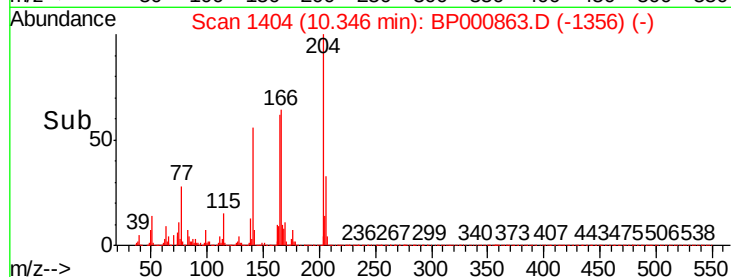
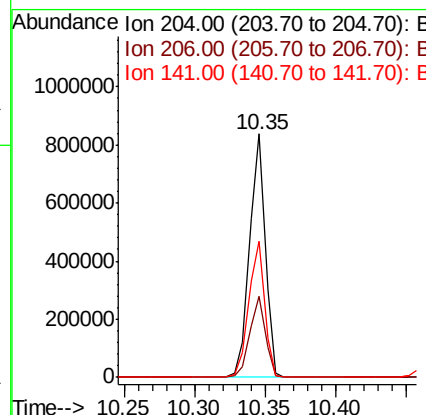
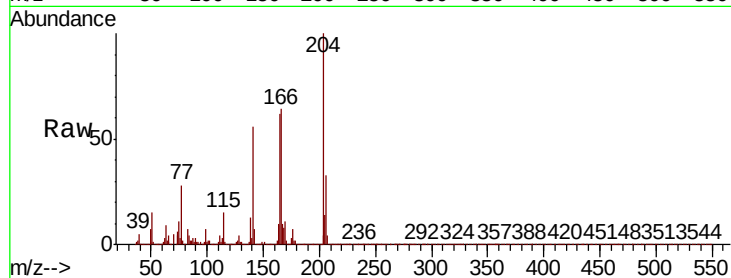
#61
4-Chlorophenyl-phenylether
Concen: 51.629 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.8
141	55.8	42.8	64.2

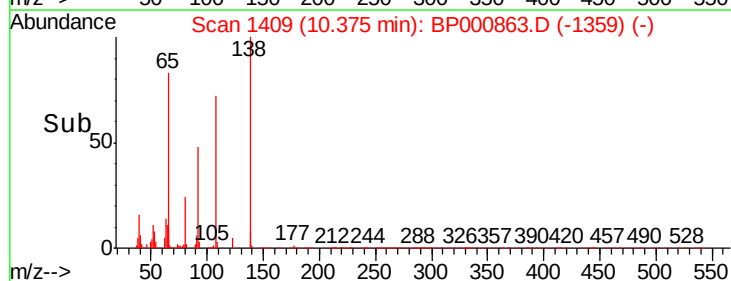
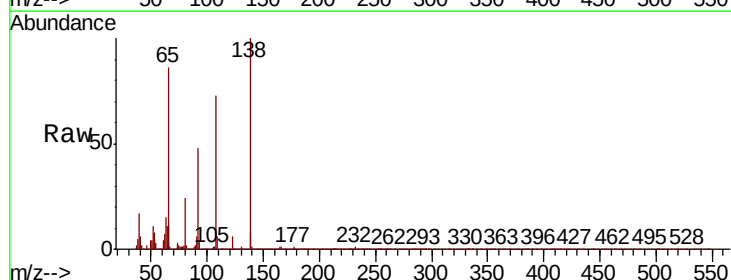
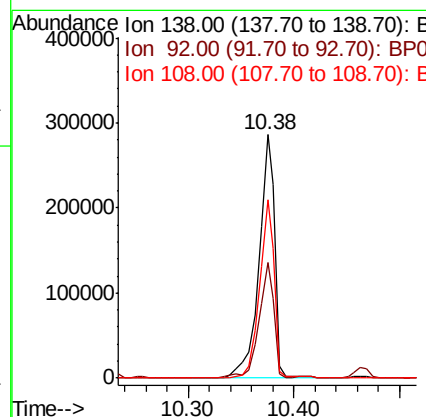
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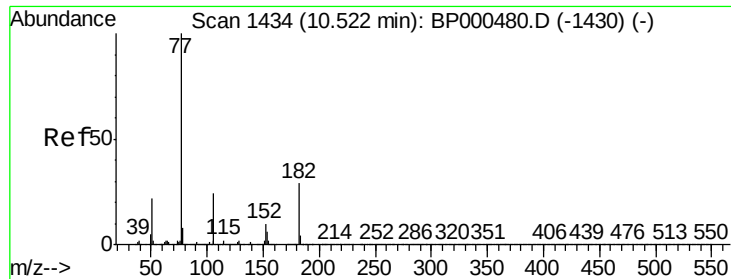
mohammad
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#62
4-Nitroaniline
Concen: 44.018 ng
RT: 10.38 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	28.7	68.7
108	73.3	50.6	90.6





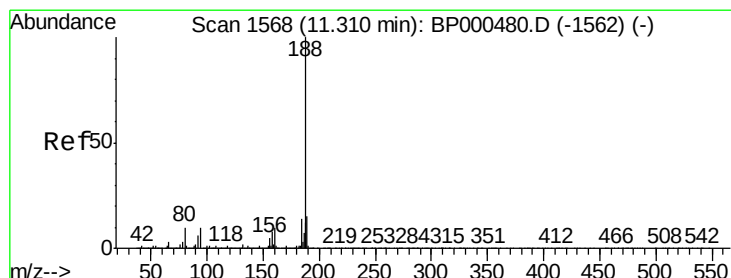
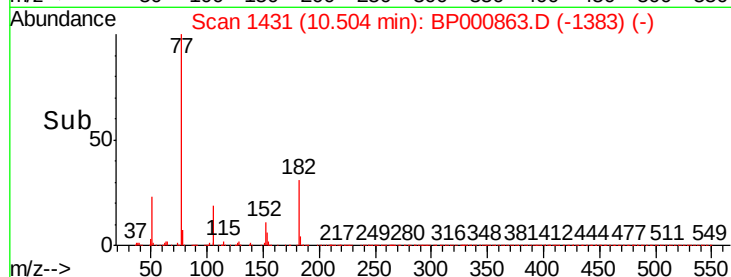
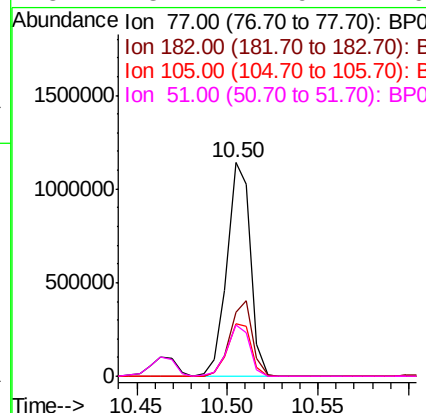
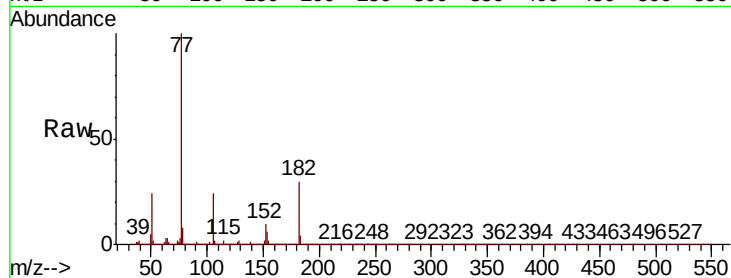
#63
Azobenzene
Concen: 49.178 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.3	9.0	49.0
105	24.4	3.8	43.8
51	23.7	1.9	41.9

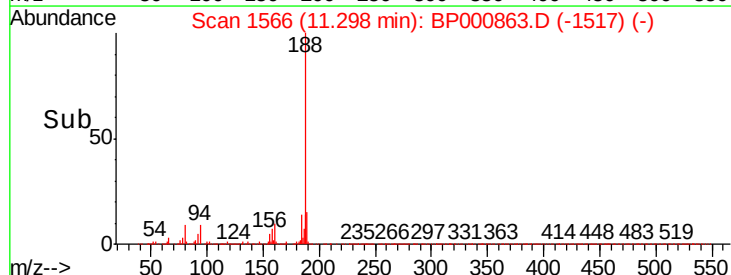
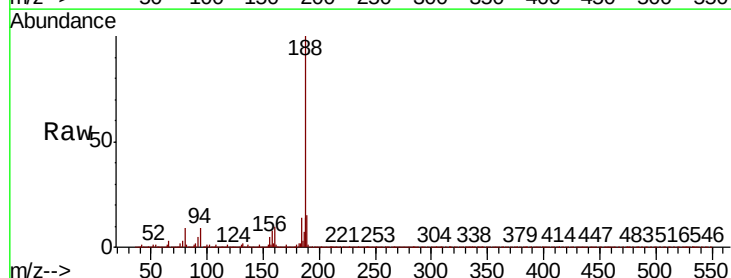
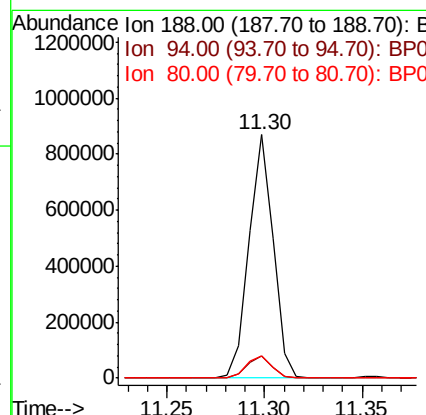
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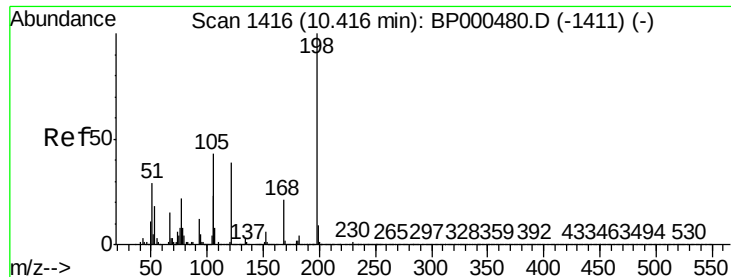
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.3	8.3	12.5





#65

4,6-Dinitro-2-methylphenol

Concen: 26.909 ng

RT: 10.41 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

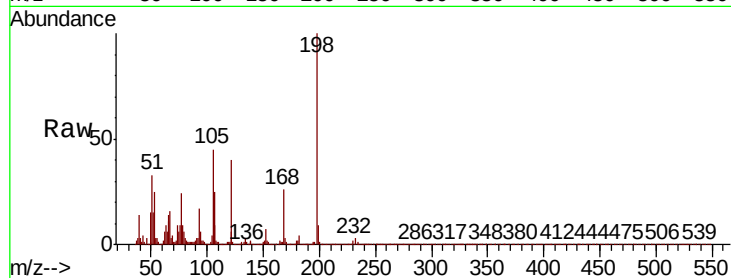
ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:	198	Resp:	89382
Ion Ratio	Lower	Upper	
198	100		
51	32.8	12.8	52.8
105	44.8	24.0	64.0

Manual Integrations
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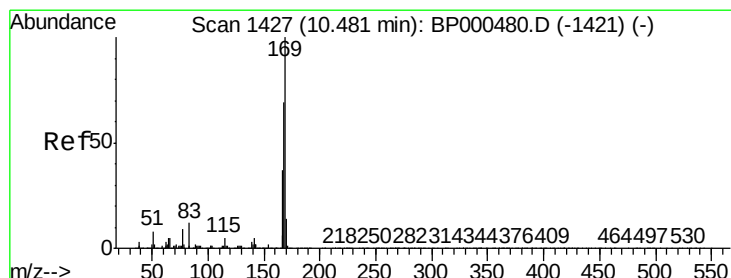
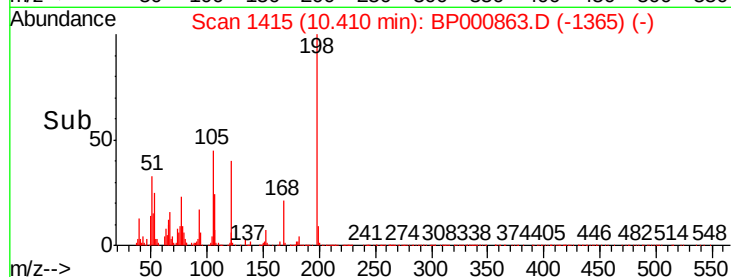
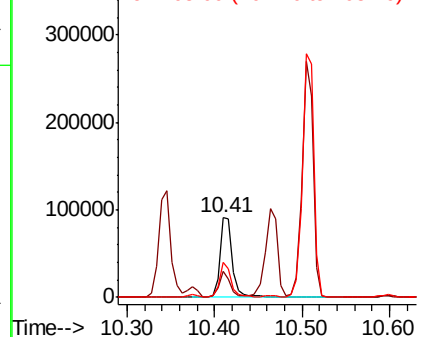
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.327 ng

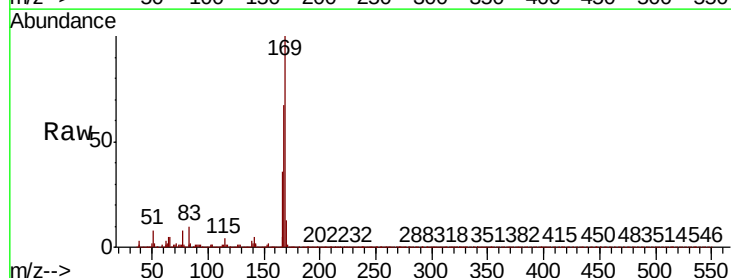
RT: 10.47 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

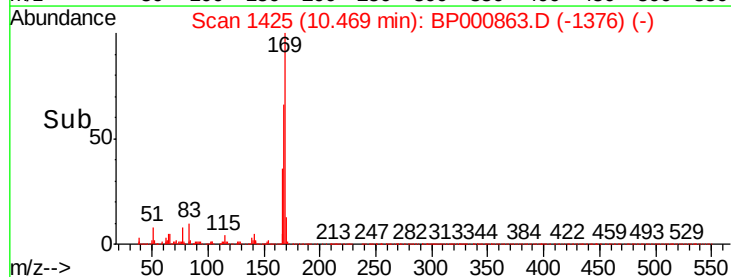
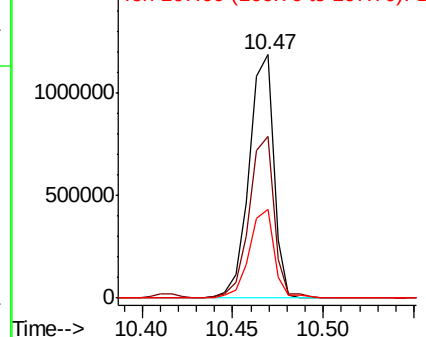
Tgt Ion:	169	Resp:	1120165
Ion Ratio	Lower	Upper	
169	100		
168	66.6	55.4	83.2
167	36.2	29.4	44.2

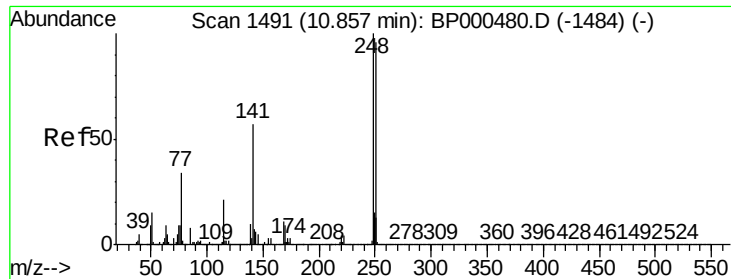


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 50.997 ng

RT: 10.84 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

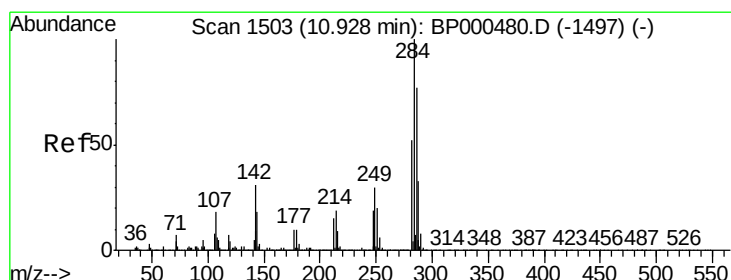
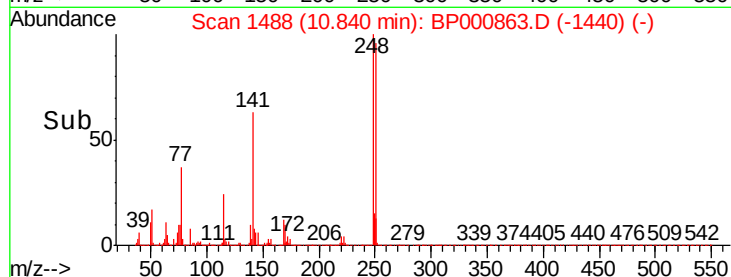
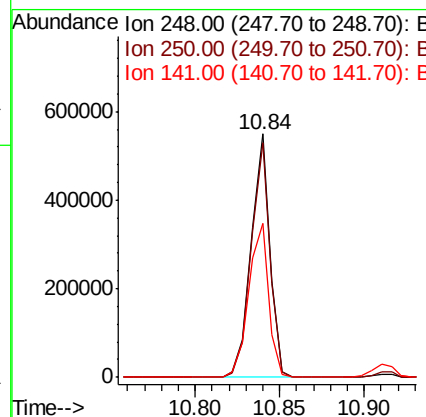
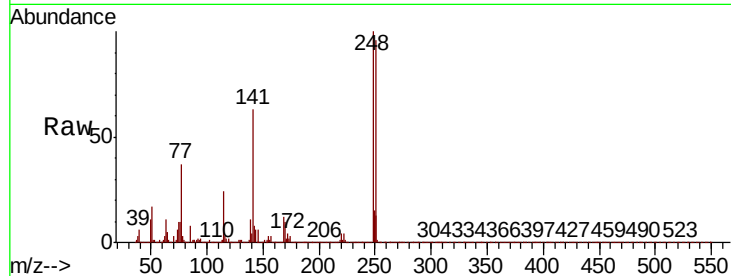
ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:	248	Resp:	430149
Ion Ratio	Lower	Upper	
248	100		
250	96.3	77.2	115.8
141	63.1	45.3	67.9

Manual Integrations
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#68

Hexachlorobenzene

Concen: 48.049 ng

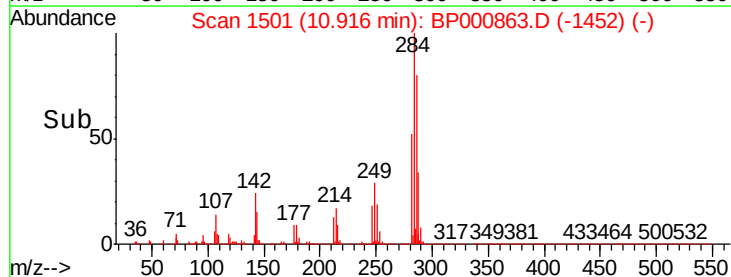
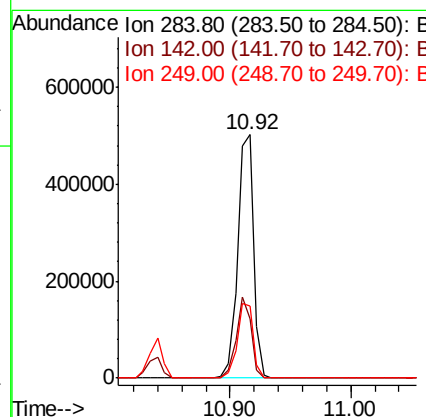
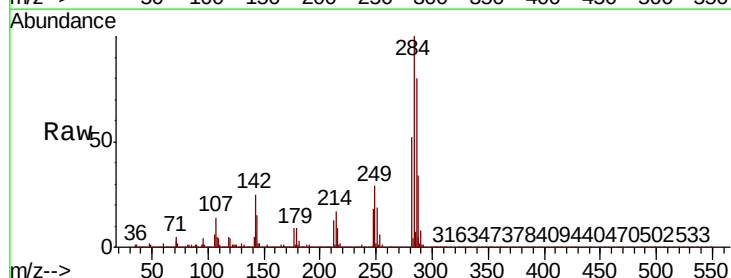
RT: 10.92 min Scan# 1501

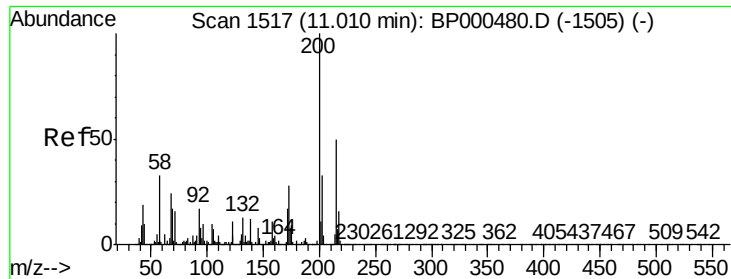
Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Tgt Ion:	284	Resp:	460558
Ion Ratio	Lower	Upper	
284	100		
142	24.6	24.6	37.0#
249	29.4	24.1	36.1





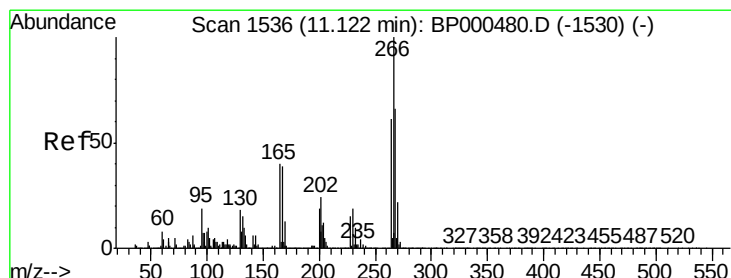
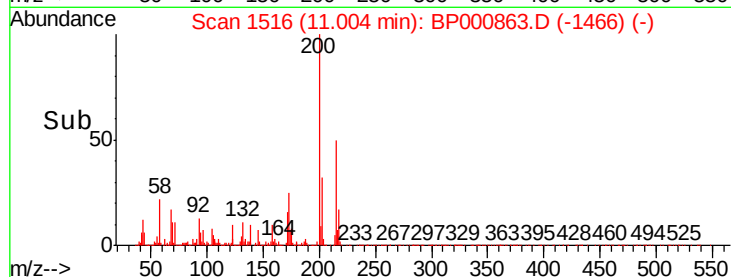
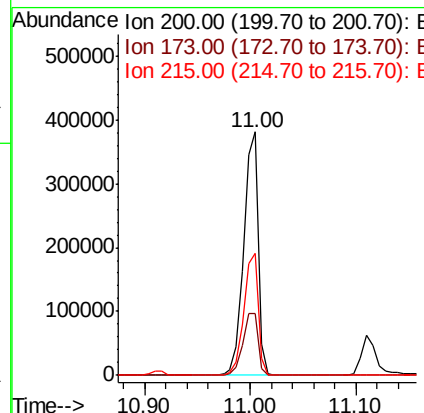
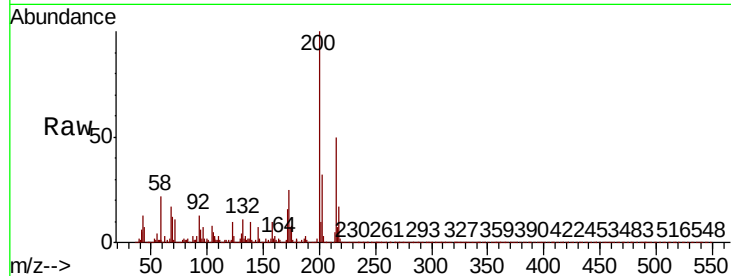
#69
Atrazine
Concen: 49.194 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	7.6	47.6
215	50.3	29.5	69.5

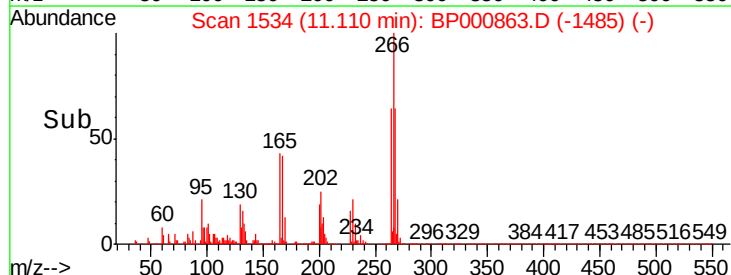
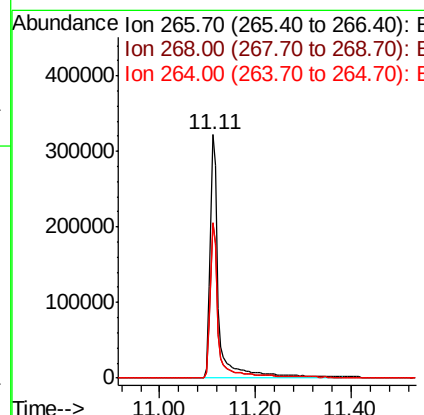
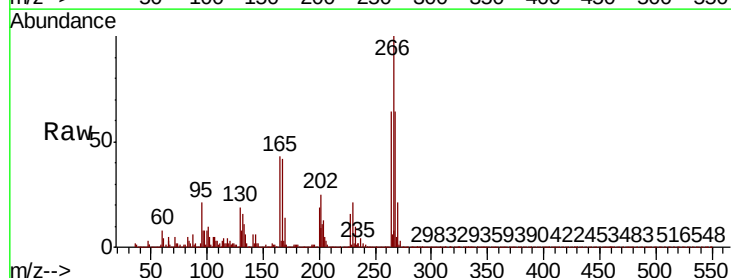
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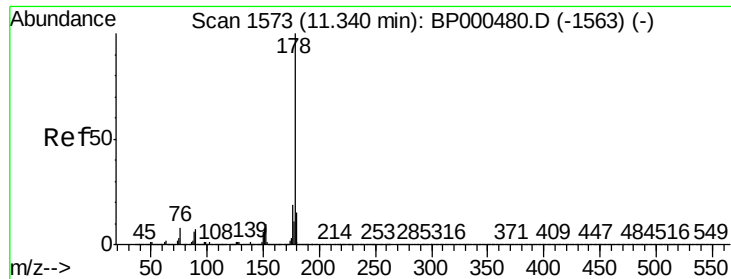
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#70
Pentachlorophenol
Concen: 103.215 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	53.2	79.8
264	64.0	49.0	73.4





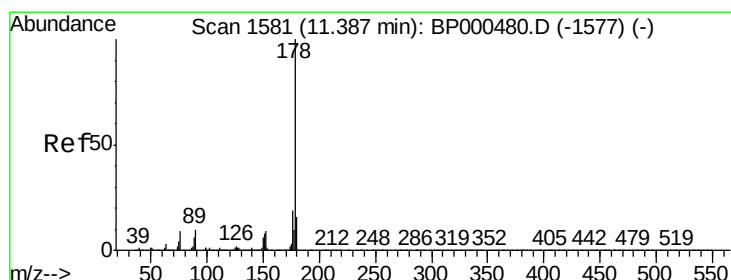
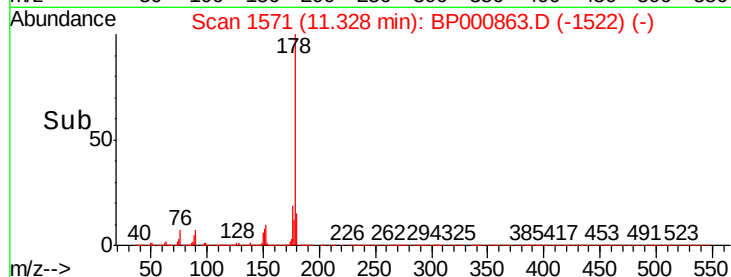
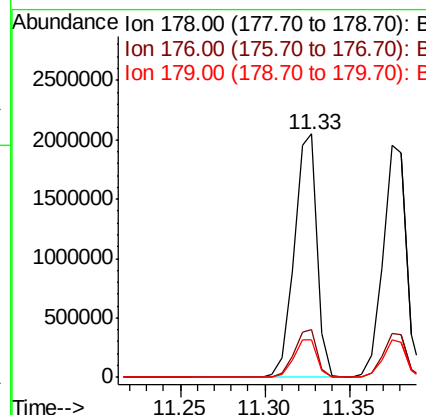
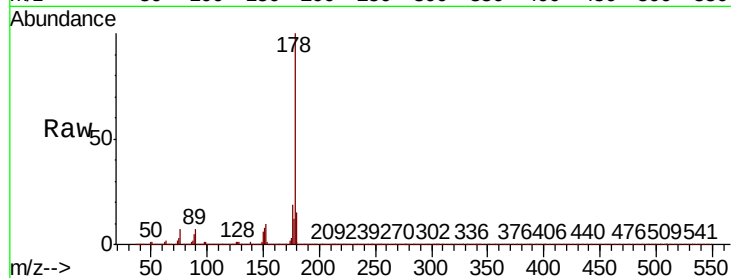
#71
Phenanthrene
Concen: 51.314 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:178 Resp: 1931078
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.2 18.4

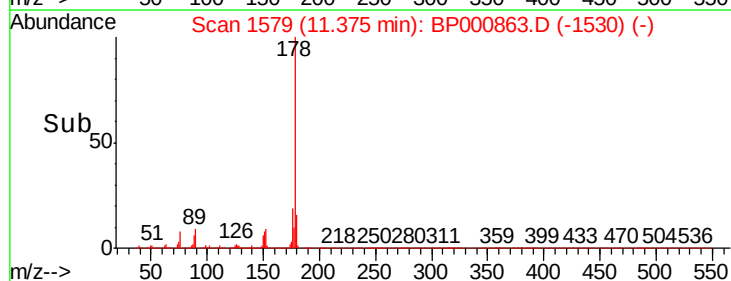
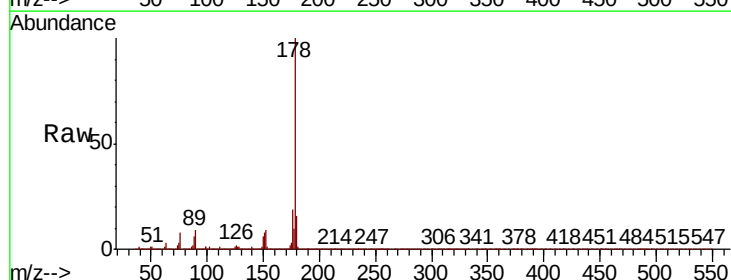
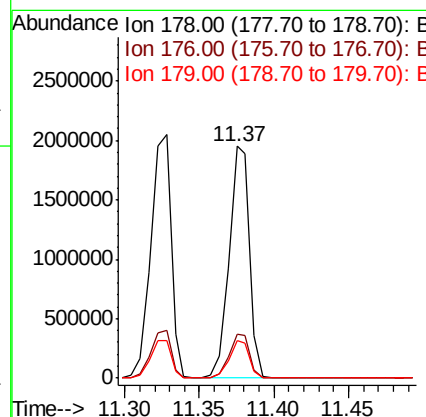
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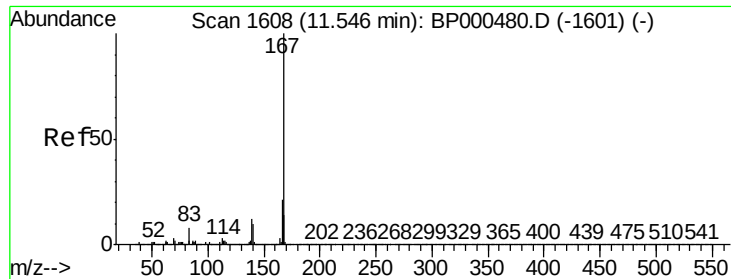
mohammad
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#72
Anthracene
Concen: 50.693 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion:178 Resp: 1891553
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.9 12.6 19.0





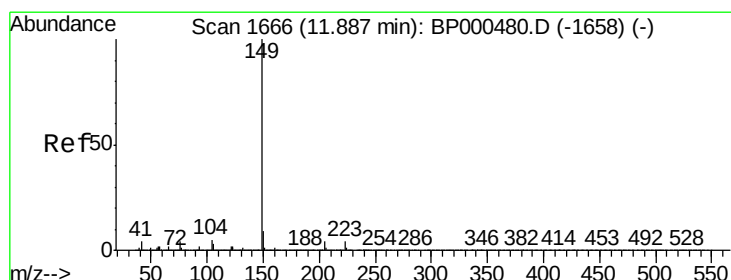
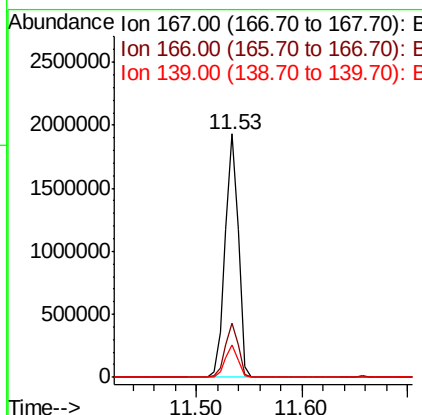
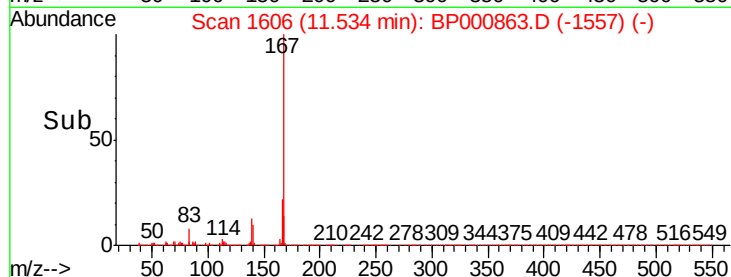
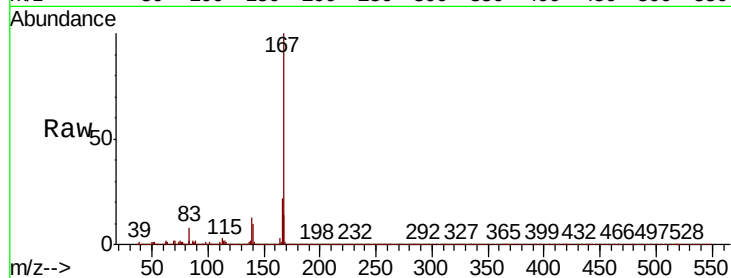
#73
 Carbazole
 Concen: 48.742 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 03:05

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MSD

Tot Ion:167 Resp: 1685970
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.9 25.3
 139 13.2 9.7 14.5

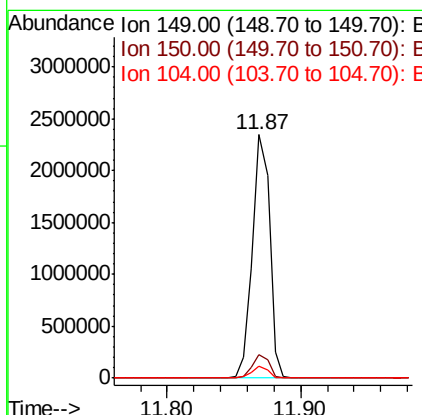
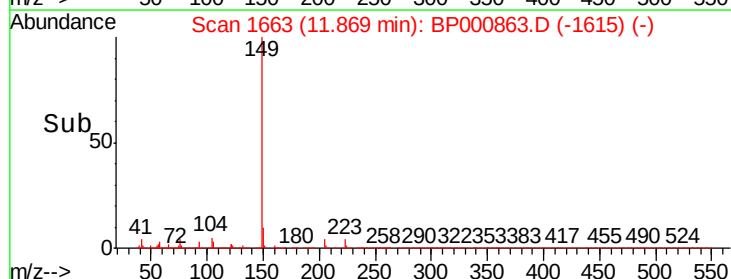
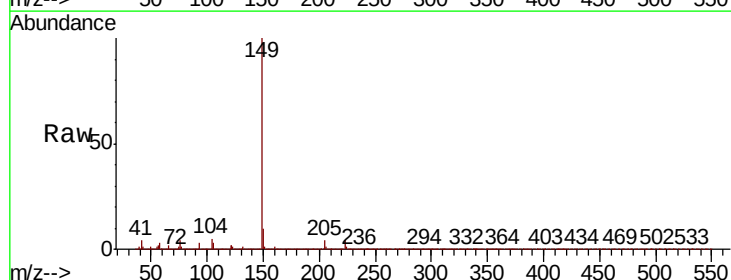
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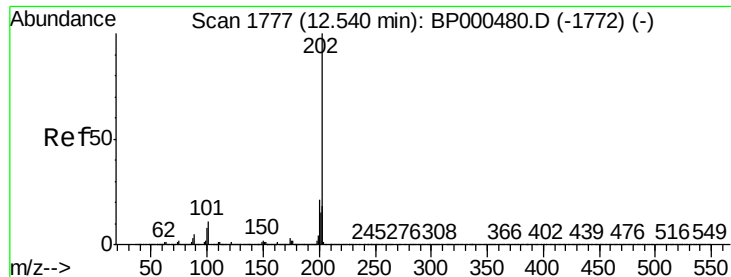
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.989 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BP000863.D
 Acq: 18 Oct 2019 03:05

Tgt Ion:149 Resp: 2064197
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 4.8 3.7 5.5





#75

Fluoranthene

Concen: 52.878 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

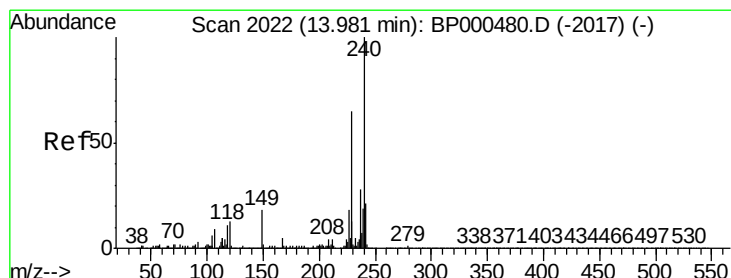
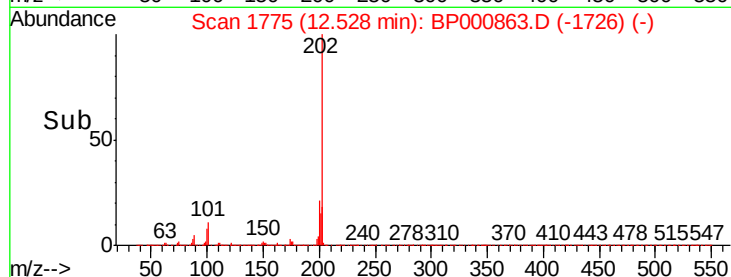
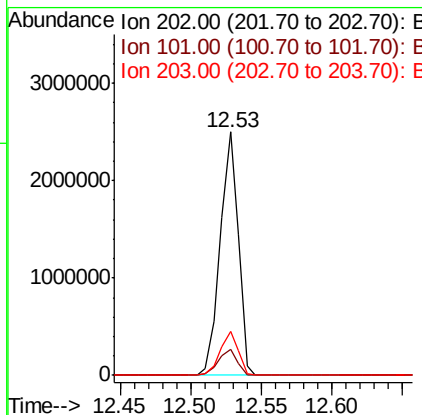
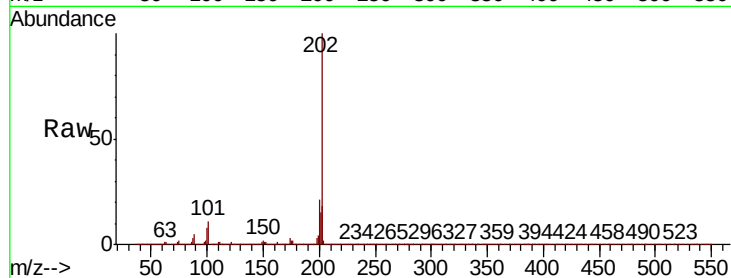
ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:	202	Resp:	2234920
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.3
203	18.0	0.0	38.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

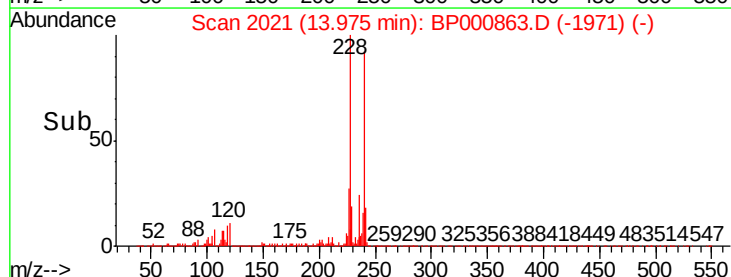
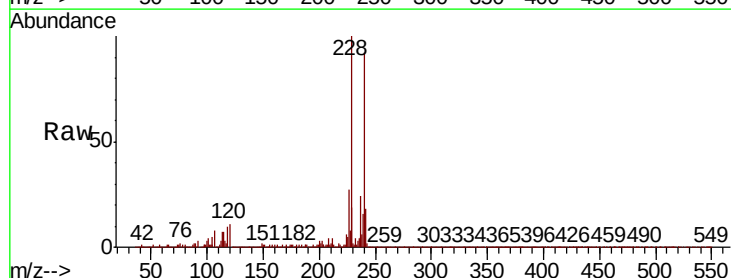
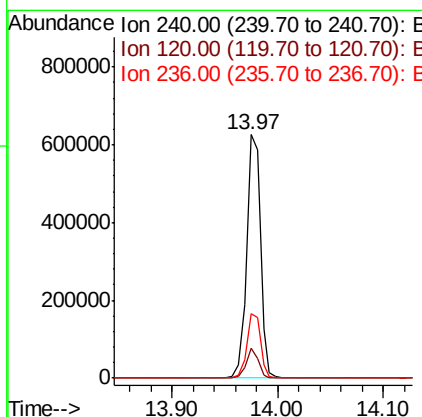
RT: 13.97 min Scan# 2021

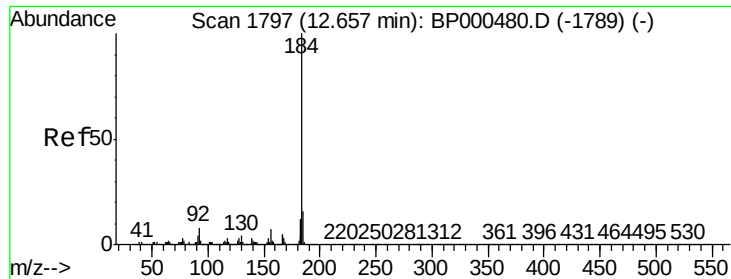
Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Tgt Ion:	240	Resp:	561632
Ion	Ratio	Lower	Upper
240	100		
120	12.2	10.1	15.1
236	26.2	22.7	34.1





#77

Benzidine

Concen: 79.777 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:184 Resp: 1297456

Ion Ratio Lower Upper

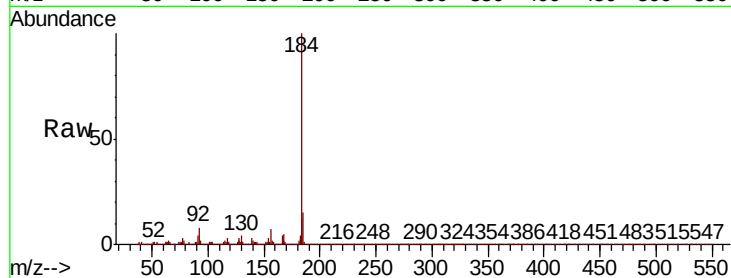
184 100

185 14.6 12.7 19.1

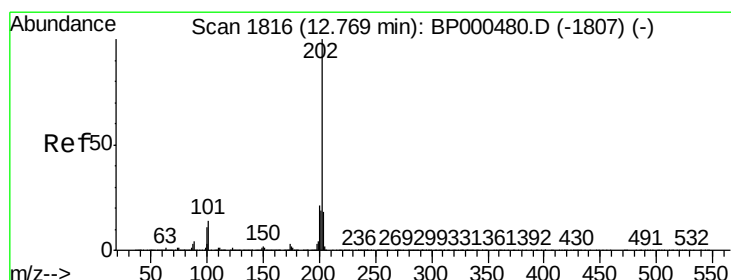
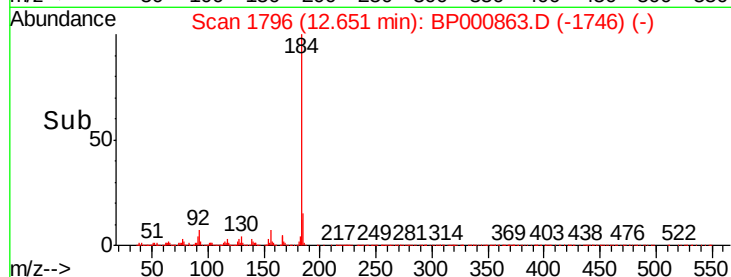
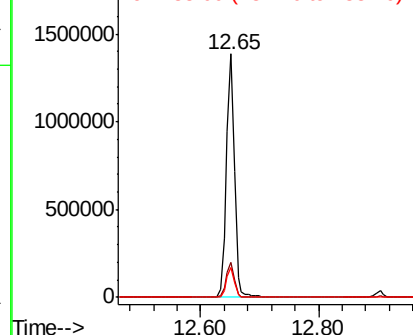
183 12.4 9.7 14.5

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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: 57.427 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

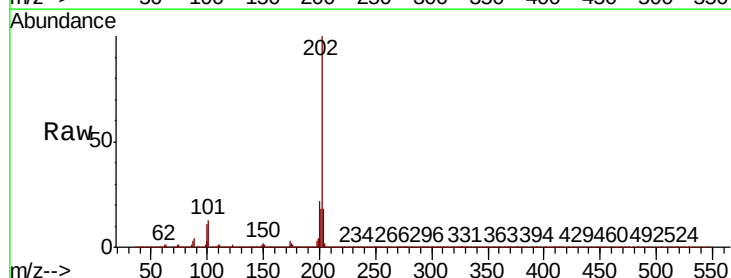
Tgt Ion:202 Resp: 2224473

Ion Ratio Lower Upper

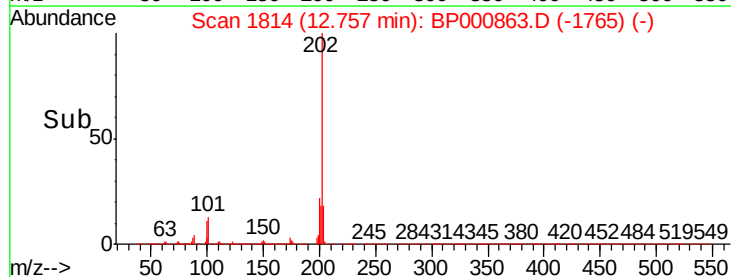
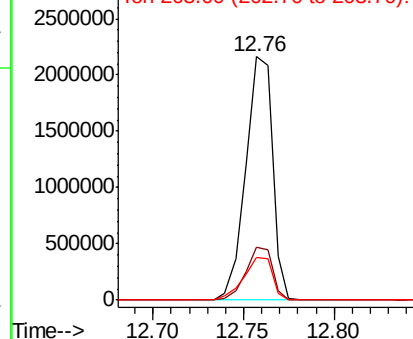
202 100

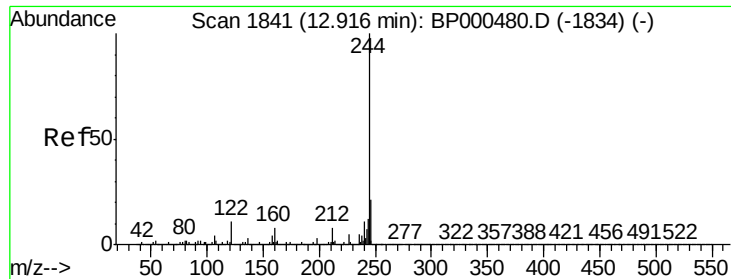
200 21.6 17.1 25.7

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





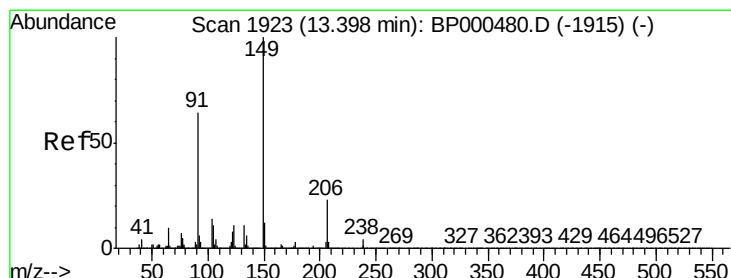
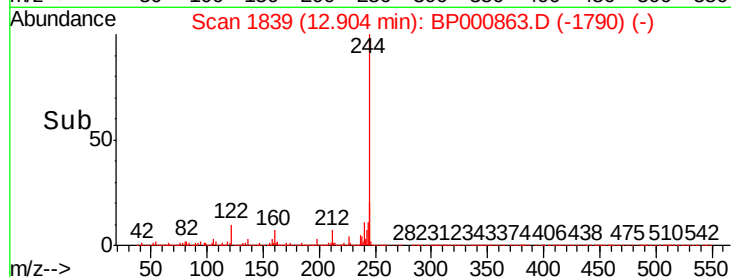
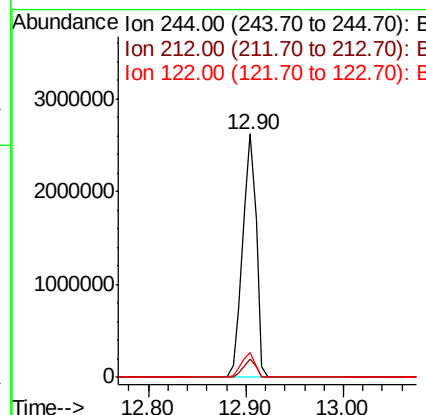
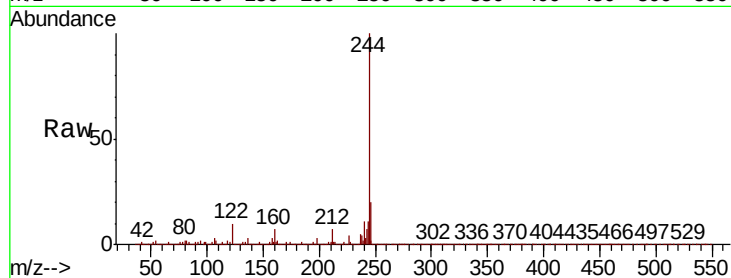
#79
Terphenyl-d14
Concen: 91.834 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.0	8.9	13.3

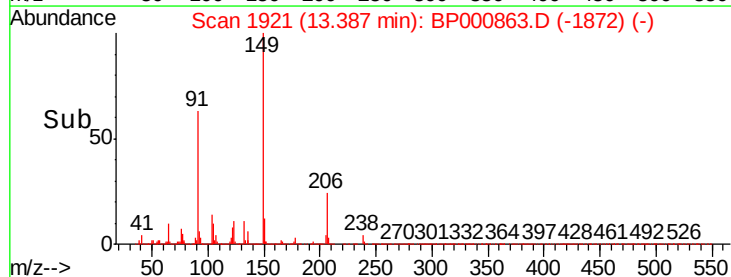
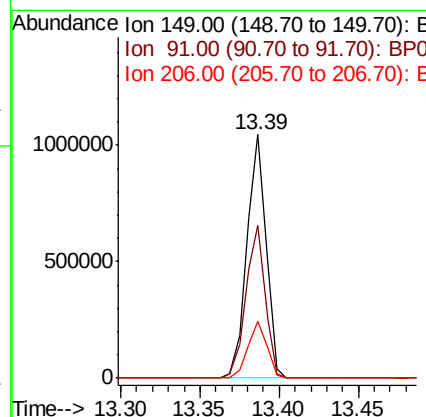
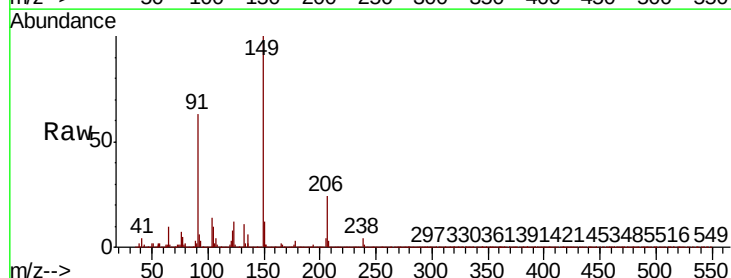
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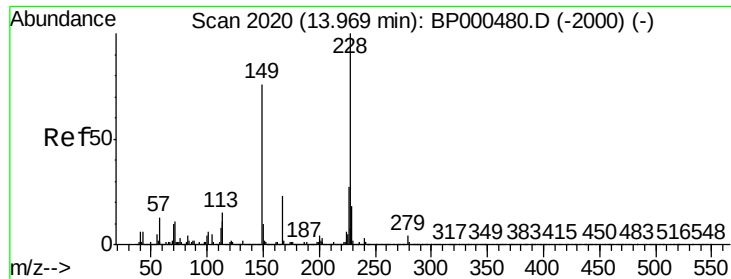
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#80
Butylbenzylphthalate
Concen: 51.550 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.9	51.0	76.4
206	23.6	18.2	27.4





#81

Benzo(a)anthracene

Concen: 52.321 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:228 Resp: 1792903

Ion Ratio Lower Upper

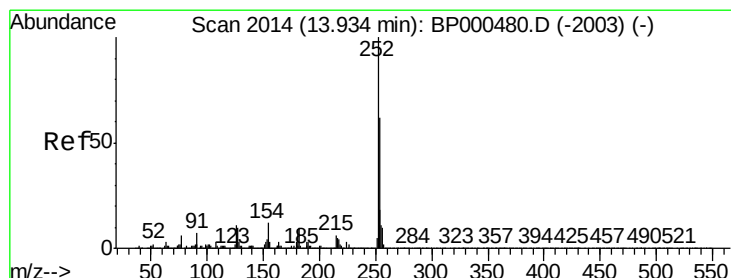
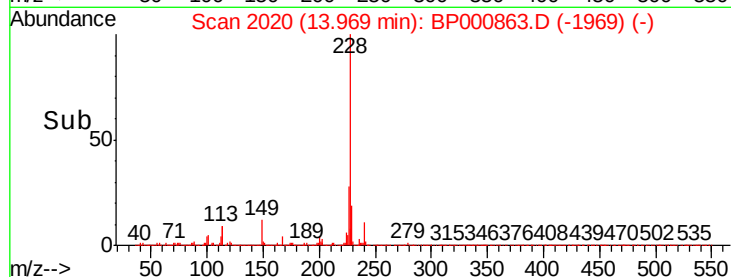
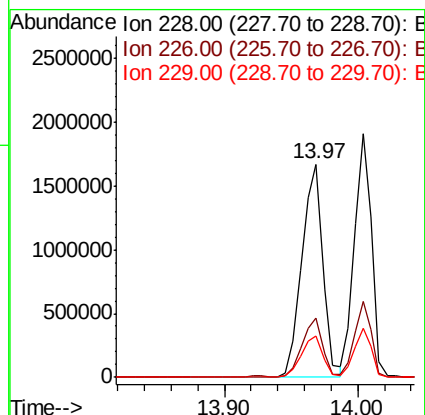
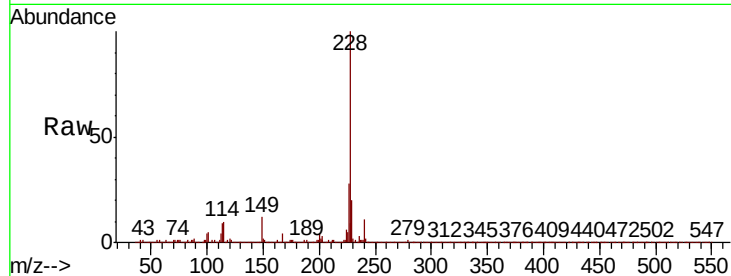
228 100

226 27.7 21.4 32.2

229 19.5 14.7 22.1

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#82

3,3'-Dichlorobenzidine

Concen: 52.041 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

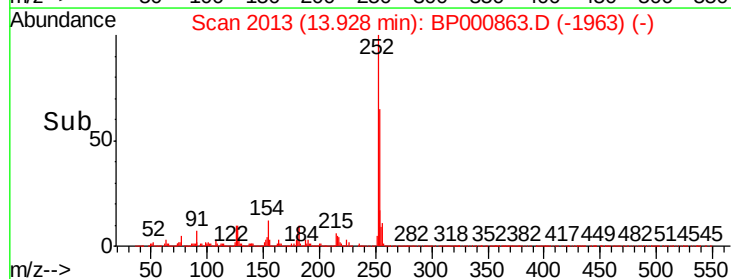
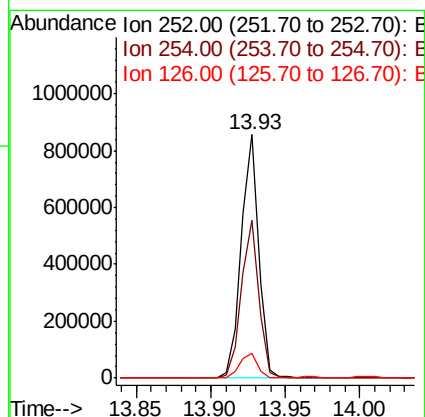
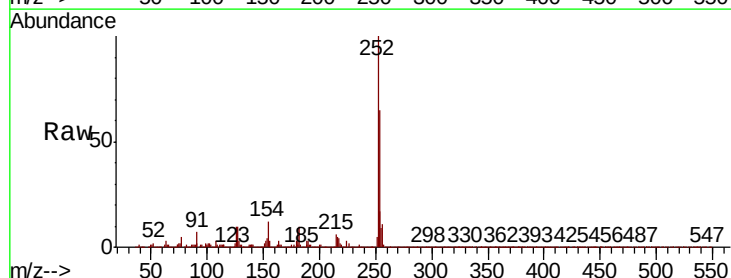
Tgt Ion:252 Resp: 708344

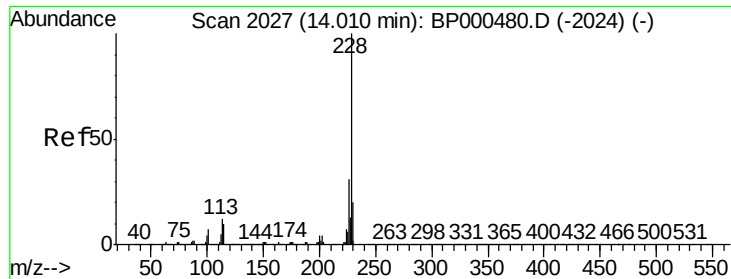
Ion Ratio Lower Upper

252 100

254 64.6 49.8 74.8

126 10.1 8.9 13.3





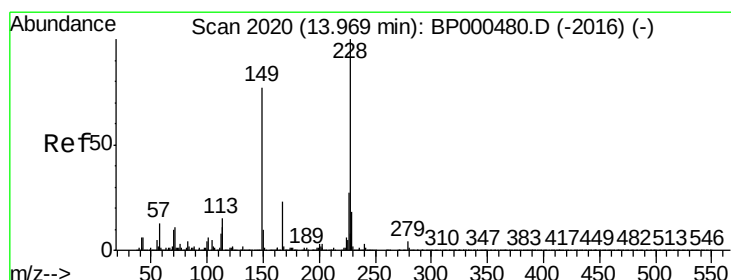
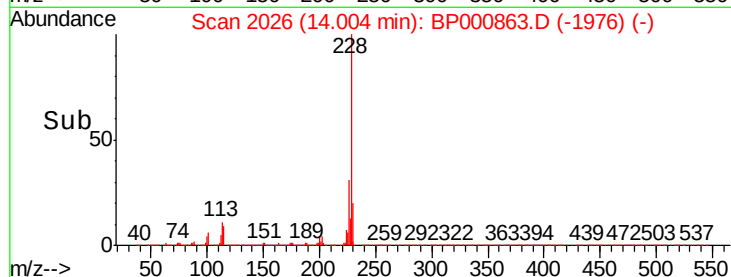
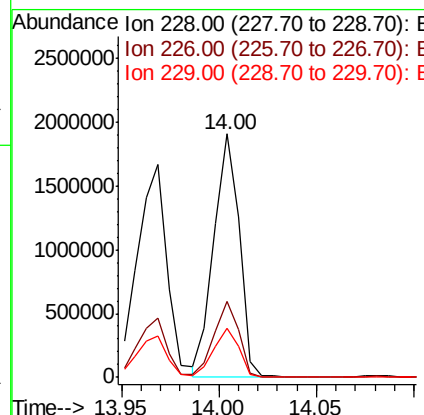
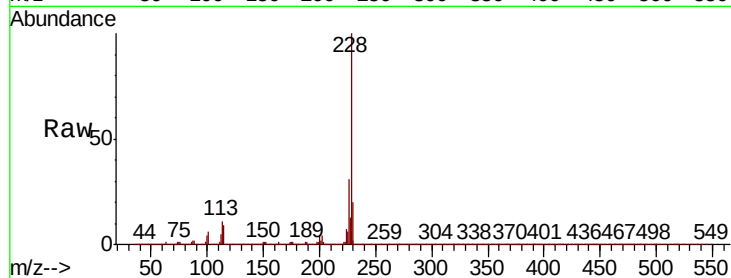
#83
Chrysene
Concen: 51.371 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion:228 Resp: 1727798
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 20.4 16.3 24.5

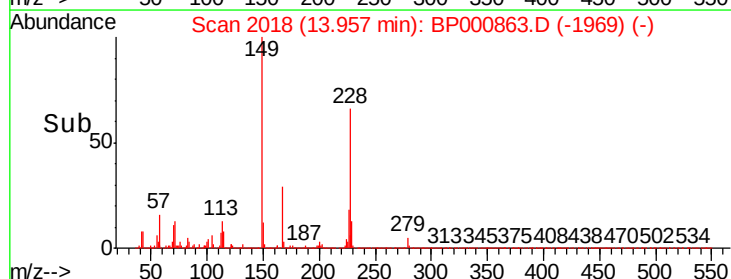
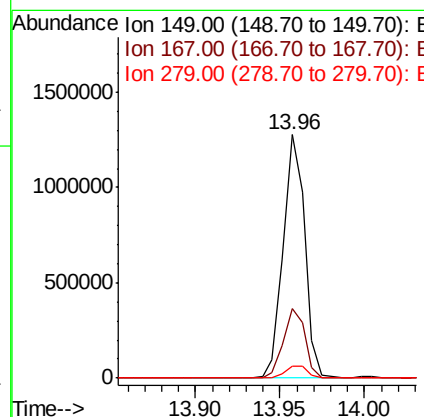
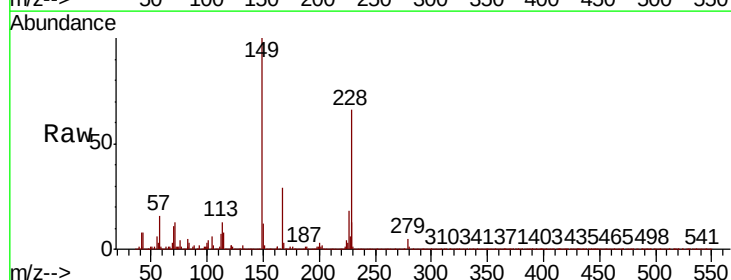
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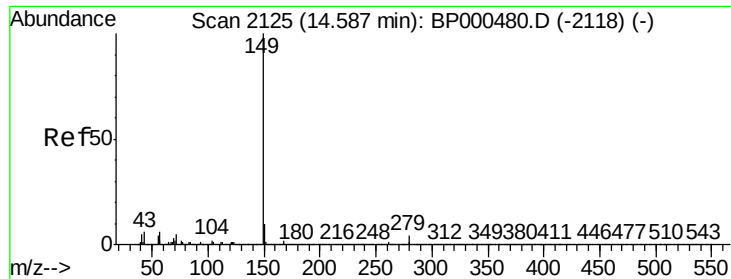
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#84
Bis(2-ethylhexyl)phthalate
Concen: 53.290 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion:149 Resp: 1131292
Ion Ratio Lower Upper
149 100
167 28.7 23.6 35.4
279 5.0 3.9 5.9





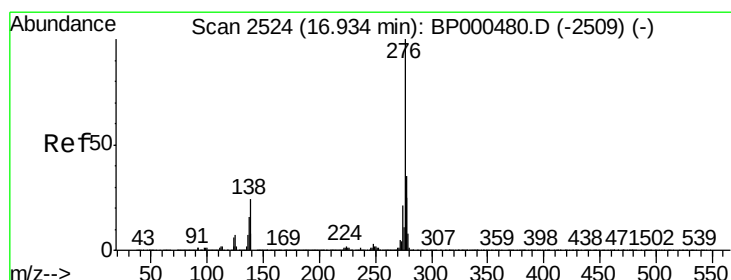
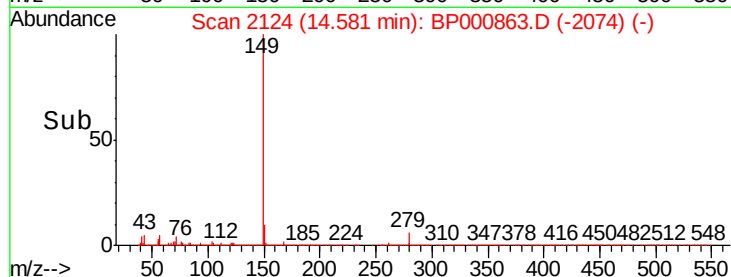
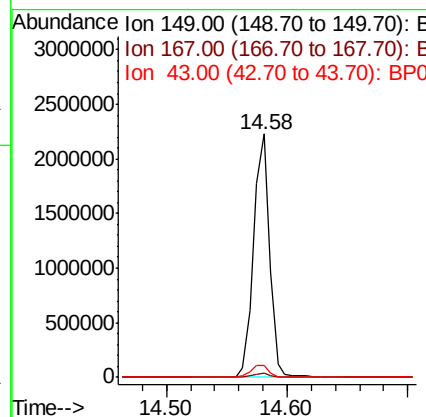
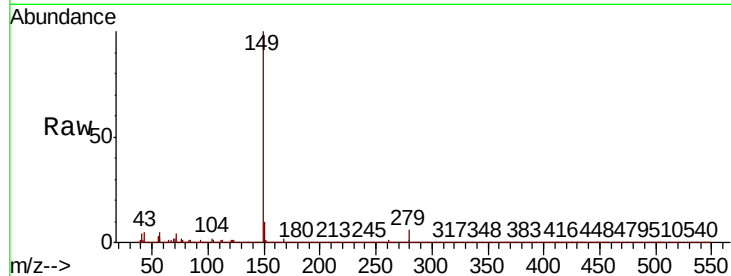
#85
Di-n-octyl phthalate
Concen: 53.722 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	5.3	4.6	7.0

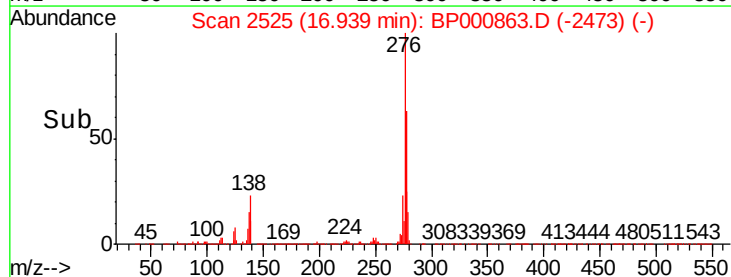
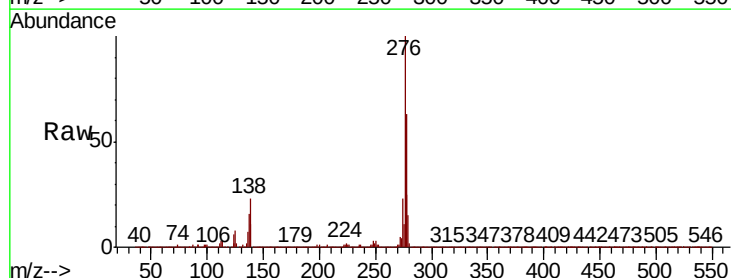
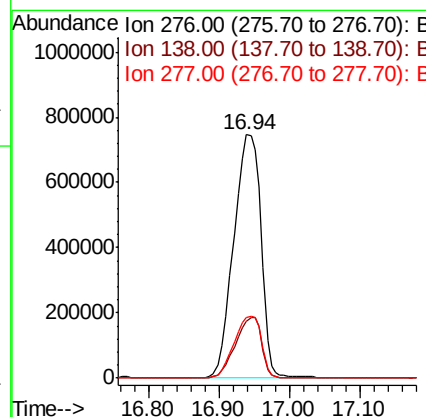
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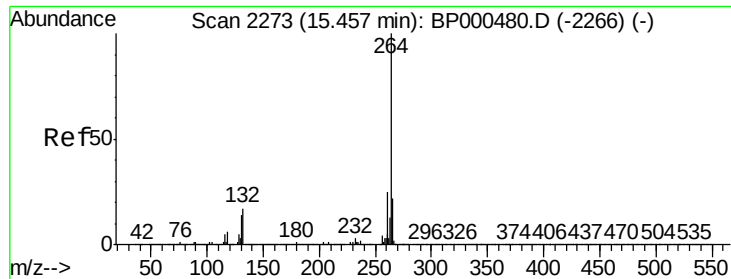
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.783 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.9	31.3
277	25.6	20.6	30.8





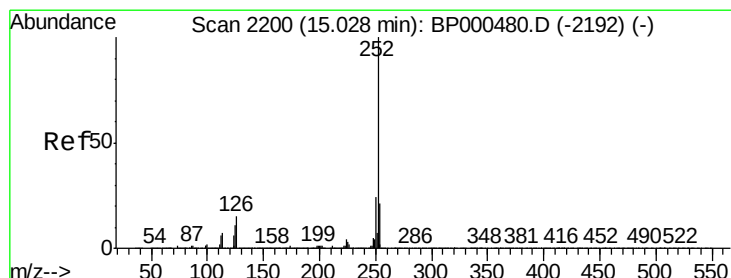
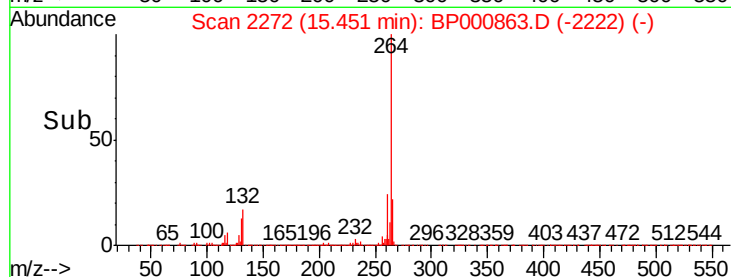
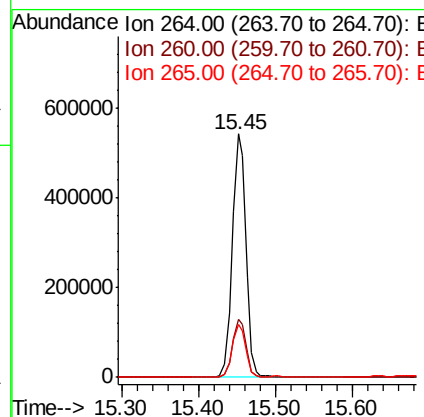
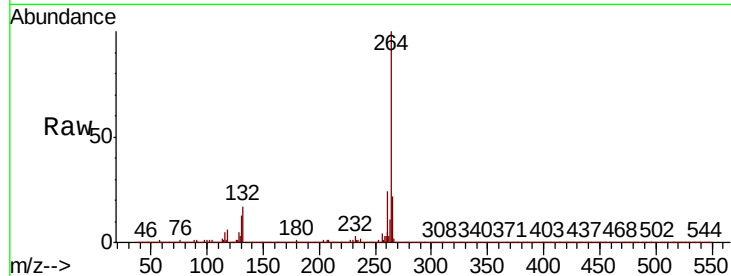
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	20.3	30.5
265	21.8	18.0	27.0

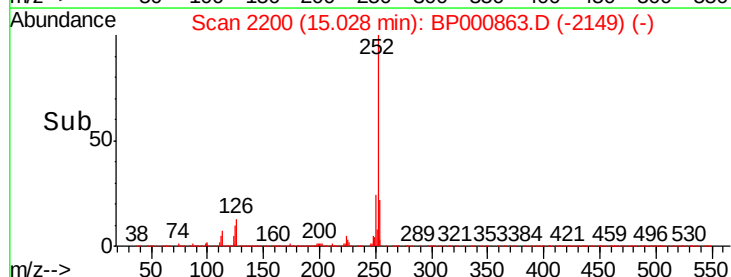
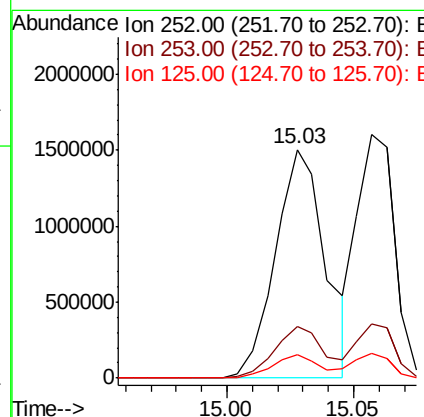
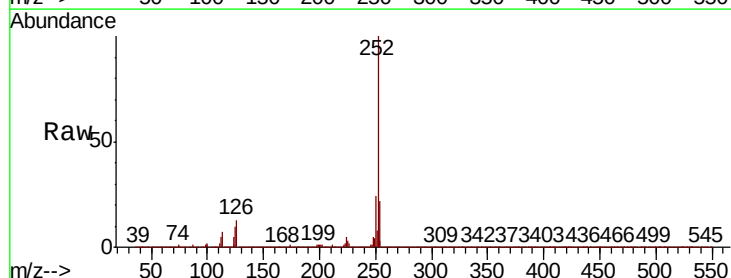
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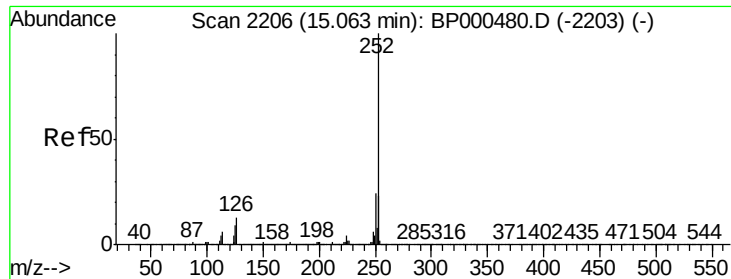
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#88
Benzo(b)fluoranthene
Concen: 54.636 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.4
125	10.2	8.9	13.3





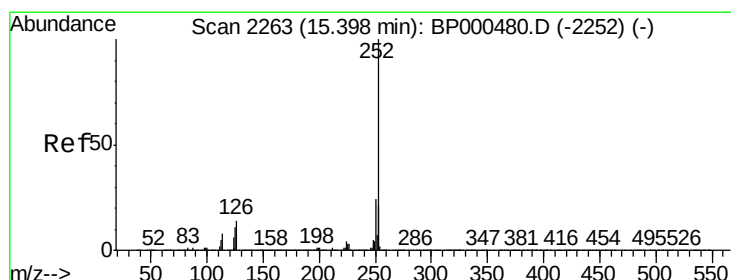
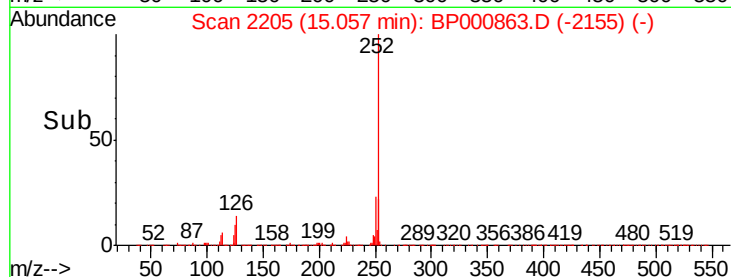
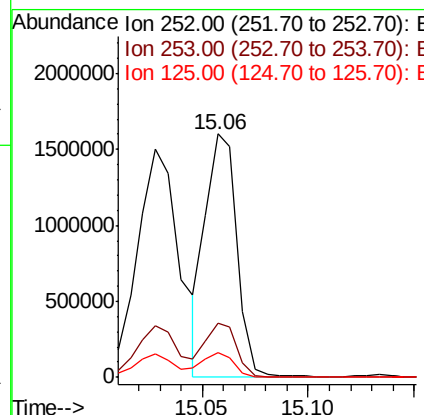
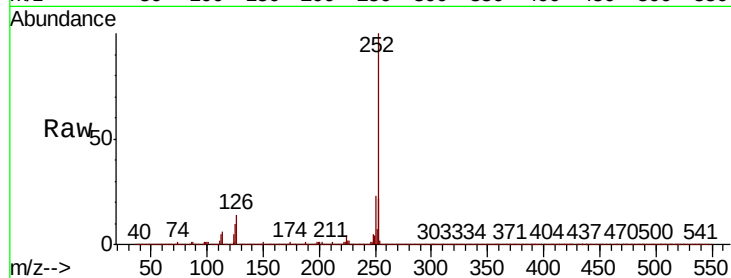
#89
Benzo(k)fluoranthene
Concen: 45.829 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.4	27.6
125	9.9	7.8	11.8

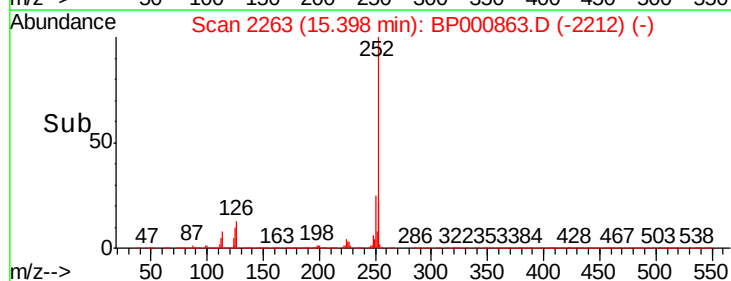
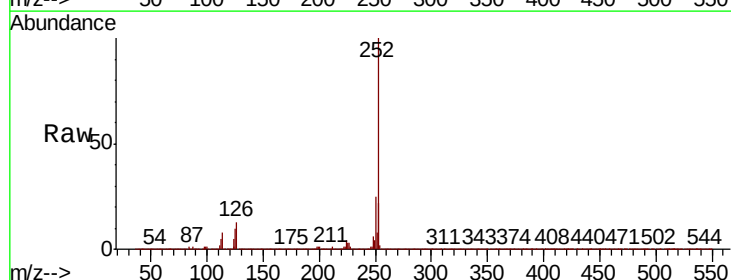
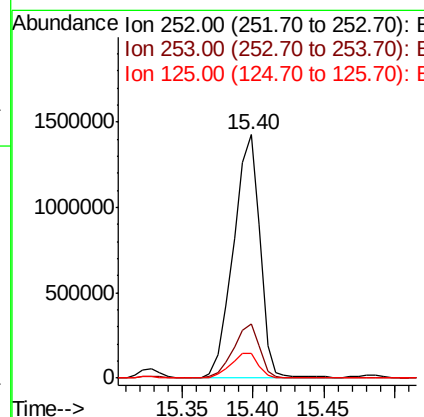
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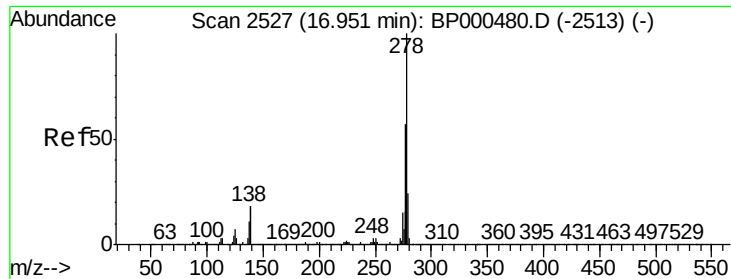
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#90
Benzo(a)pyrene
Concen: 52.528 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BP000863.D
Acq: 18 Oct 2019 03:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	10.4	8.4	12.6





#91

Dibenzo(a,h)anthracene

Concen: 48.055 ng

RT: 16.96 min Scan# 2528

Delta R.T. 0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MSD

Tot Ion:278 Resp: 1648138

Ion Ratio Lower Upper

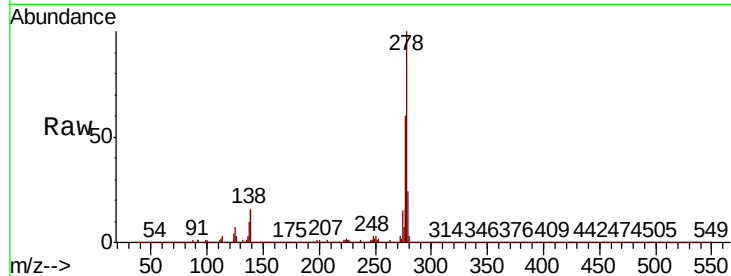
278 100

139 14.8 14.1 21.1

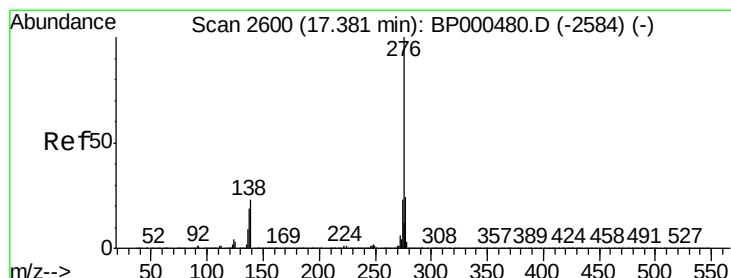
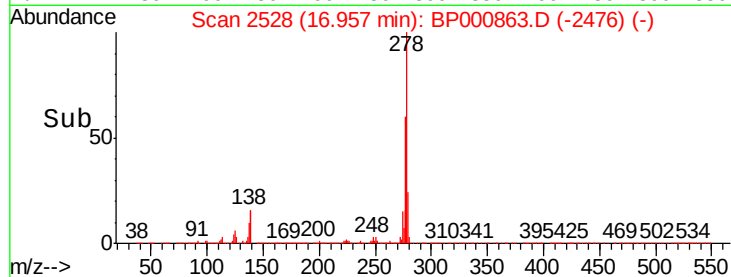
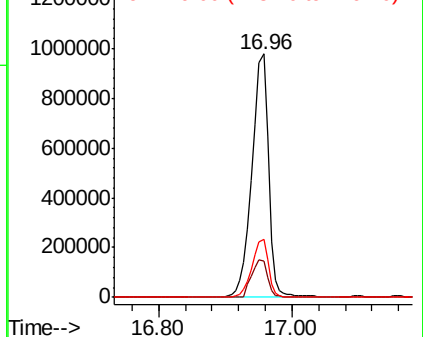
279 23.7 19.5 29.3

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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: 47.187 ng

RT: 17.39 min Scan# 2601

Delta R.T. 0.01 min

Lab File: BP000863.D

Acq: 18 Oct 2019 03:05

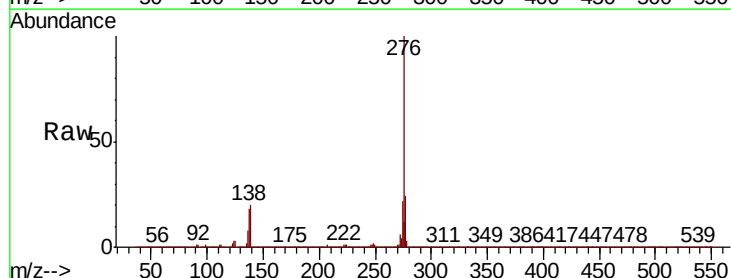
Tgt Ion:276 Resp: 1644493

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 20.4 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

