

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000880.D
 Acq On : 18 Oct 2019 17:01
 Operator : JU
 Sample : K5401-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MS

Manual Integrations
 APPROVED

mohammad
 10/22/2019 1:39:11 AM

Quant Time: Oct 19 07:17:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 16:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	160622	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	571117	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	320936	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	598938	20.00	ng	0.00
76) Chrysene-d12	13.96	240	495658	20.00	ng	0.00
87) Perylene-d12	15.44	264	578593	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	989645	99.04	ng	0.00
7) Phenol-d6	6.39	99	1252972	104.06	ng	0.00
23) Nitrobenzene-d5	7.30	82	697930	74.64	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	414733	121.27	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	1493255	75.28	ng	0.00
79) Terphenyl-d14	12.89	244	1701111	69.49	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	109133	27.350	ng	99
3) Pyridine	3.19	79	270923	24.850	ng	100
4) n-Nitrosodimethylamine	3.12	42	95905	31.261	ng	97
6) Aniline	6.40	93	264370	18.072	ng	# 24
8) 2-Chlorophenol	6.53	128	351077	35.600	ng	99
9) Benzaldehyde	6.29	77	175515	27.983	ng	98
10) Phenol	6.40	94	428012	34.717	ng	87
11) bis(2-Chloroethyl)ether	6.48	93	339658	35.810	ng	100
12) 1,3-Dichlorobenzene	6.68	146	396061	33.131	ng	100
13) 1,4-Dichlorobenzene	6.76	146	405029	33.671	ng	100
14) 1,2-Dichlorobenzene	6.91	146	373608	33.640	ng	99
15) Benzyl Alcohol	6.89	79	272456	35.036	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	270650	30.934	ng	99
17) 2-Methylphenol	7.00	107	283586	34.795	ng	99
18) Hexachloroethane	7.25	117	136866	31.969	ng	98
19) n-Nitroso-di-n-propylamine	7.16	70	196415	35.388	ng	97
20) 3+4-Methylphenols	7.16	107	364587	38.230	ng	93
22) Acetophenone	7.15	105	479760	36.355	ng	# 97
24) Nitrobenzene	7.32	77	321321	35.628	ng	100
25) Isophorone	7.56	82	594161	35.801	ng	99
26) 2-Nitrophenol	7.64	139	183650	38.722	ng	99
27) 2,4-Dimethylphenol	7.69	122	306058	42.098	ng	97
28) bis(2-Chloroethoxy)methane	7.78	93	398862	35.365	ng	100
29) 2,4-Dichlorophenol	7.89	162	317188	38.586	ng	98
30) 1,2,4-Trichlorobenzene	7.97	180	352492	36.512	ng	100
31) Naphthalene	8.05	128	1007306	37.765	ng	100
32) Benzoic acid	7.81	122	149049	32.468	ng	98
33) 4-Chloroaniline	8.10	127	155048	13.239	ng	98
34) Hexachlorobutadiene	8.17	225	212492	36.421	ng	100
35) Caprolactam	8.45	113	98505m	35.777	ng	
36) 4-Chloro-3-methylphenol	8.59	107	311568	38.699	ng	97
37) 2-Methylnaphthalene	8.74	142	694368	38.779	ng	99
38) 1-Methylnaphthalene	8.84	142	647236	38.255	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	369502	36.375	ng	99

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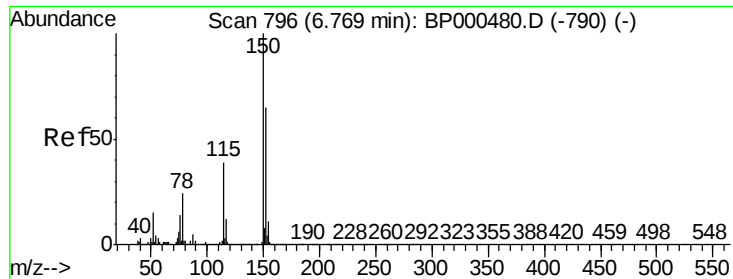
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	118491	33.781	nq	99
43) 2,4,6-Trichlorophenol	9.03	196	226848	36.278	nq	98
44) 2,4,5-Trichlorophenol	9.08	196	243145	37.661	nq	98
46) 1,1'-Biphenyl	9.21	154	873797	36.070	nq	98
47) 2-Chloronaphthalene	9.23	162	675305	36.050	nq	97
48) 2-Nitroaniline	9.33	65	155310	34.246	nq	97
49) Acenaphthylene	9.65	152	1072945	37.965	nq	99
50) Dimethylphthalate	9.51	163	1072616	48.099	nq	100
51) 2,6-Dinitrotoluene	9.58	165	183349	37.703	nq	89
52) Acenaphthene	9.82	154	617061	35.994	nq	99
53) 3-Nitroaniline	9.74	138	90698	16.277	nq	100
54) 2,4-Dinitrophenol	9.86	184	91146	56.168	nq	92
55) Dibenzofuran	10.00	168	971806	37.922	nq	98
56) 4-Nitrophenol	9.92	139	221556	62.278	nq	99
57) 2,4-Dinitrotoluene	9.99	165	239385	37.126	nq	94
58) Fluorene	10.34	166	755939	41.389	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	204073	37.392	nq	96
60) Diethylphthalate	10.22	149	777011	36.705	nq	98
61) 4-Chlorophenyl-phenylether	10.33	204	390261	39.735	nq	95
62) 4-Nitroaniline	10.36	138	169120	31.557	nq	99
63) Azobenzene	10.50	77	621726	38.254	nq	95
65) 4,6-Dinitro-2-methylphenol	10.40	198	85549	32.221	nq	91
66) n-Nitrosodiphenylamine	10.45	169	670397	38.431	nq	99
67) 4-Bromophenyl-phenylether	10.83	248	254112	37.691	nq	95
68) Hexachlorobenzene	10.90	284	275958	36.019	nq	# 91
69) Atrazine	10.99	200	211748	36.989	nq	98
70) Pentachlorophenol	11.10	266	204734	66.532	nq	99
71) Phenanthrene	11.31	178	1202310	39.970	nq	100
72) Anthracene	11.36	178	1169678	39.218	nq	99
73) Carbazole	11.52	167	1046049	37.835	nq	100
74) Di-n-butylphthalate	11.86	149	1262739	37.492	nq	100
75) Fluoranthene	12.52	202	1449124	42.894	nq	99
77) Benzidine	12.64	184	590499	41.141	nq	99
78) Pyrene	12.75	202	1437988	42.064	nq	99
80) Butylbenzylphthalate	13.37	149	542144	36.394	nq	99
81) Benzo(a)anthracene	13.96	228	1184914	39.181	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	358355	29.832	nq	98
83) Chrysene	13.99	228	1147542	38.660	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	729431	38.934	nq	# 98
85) Di-n-octyl phthalate	14.57	149	1300852	38.308	nq	99
86) Indeno(1,2,3-cd)pyrene	16.92	276	1432041	38.623	nq	100
88) Benzo(b)fluoranthene	15.02	252	1276324	38.883	nq	99
89) Benzo(k)fluoranthene	15.05	252	1159469	37.102	nq	100
90) Benzo(a)pyrene	15.38	252	1200416	39.230	nq	100
91) Dibenzo(a,h)anthracene	16.93	278	1164358	39.234	nq	98
92) Benzo(g,h,i)perylene	17.36	276	1204322	39.936	nq	98

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



#1

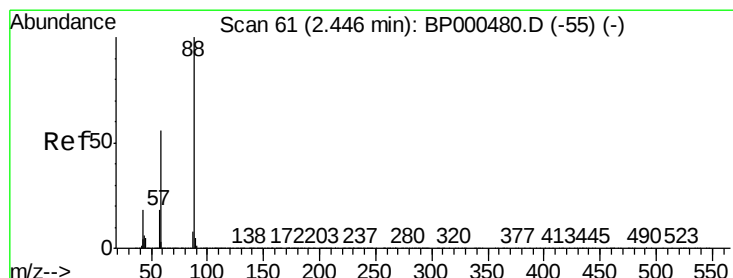
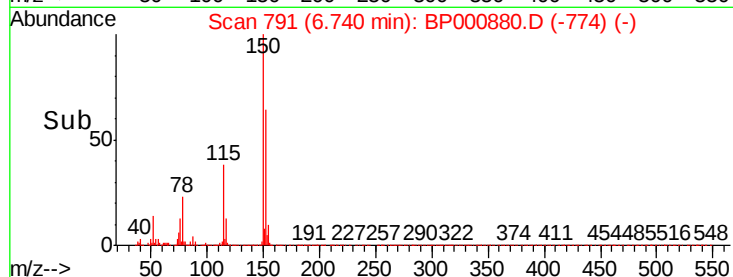
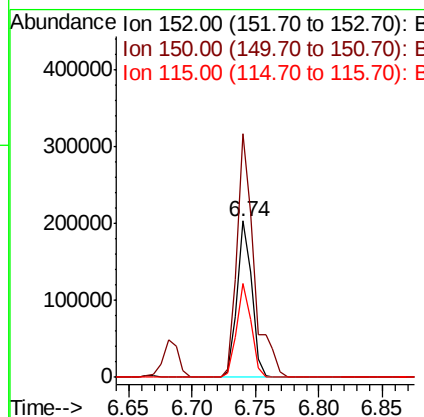
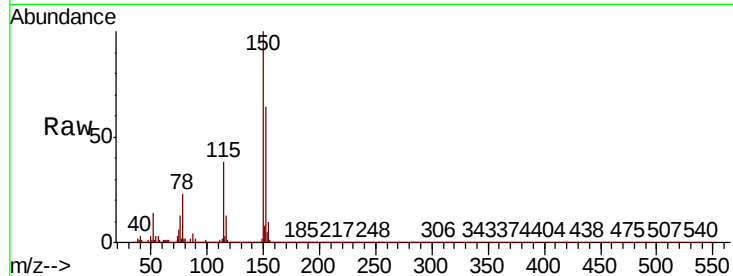
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.8	185.8
115	60.0	46.8	70.2

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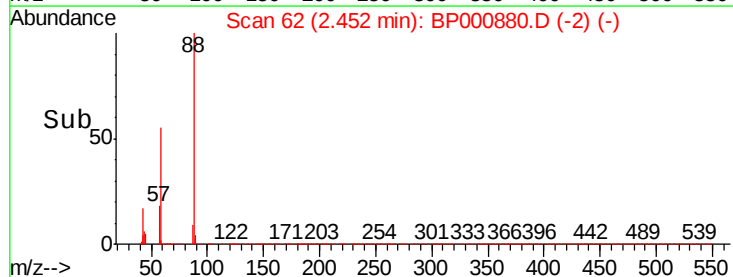
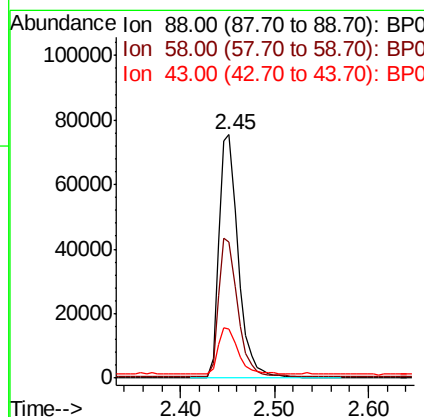
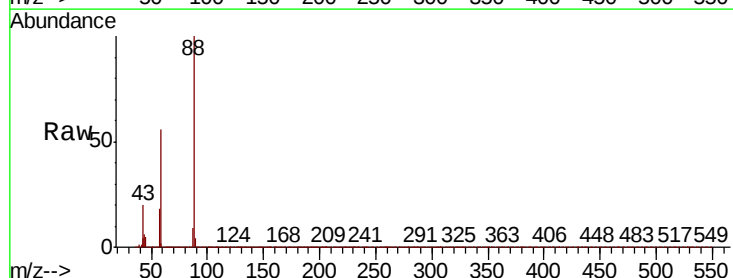
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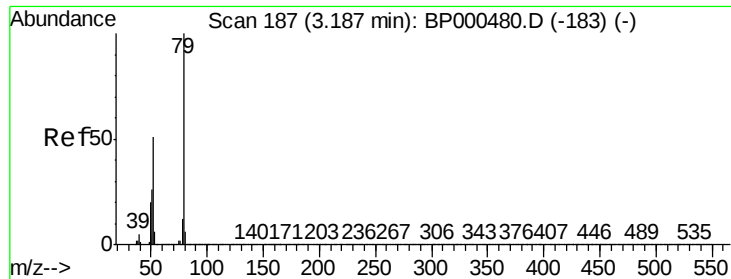


#2

1,4-Dioxane
Concen: 27.350 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.05 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.2	44.3	66.5
43	18.9	14.9	22.3





#3

Pvridine

Concen: 24.850 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.06 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

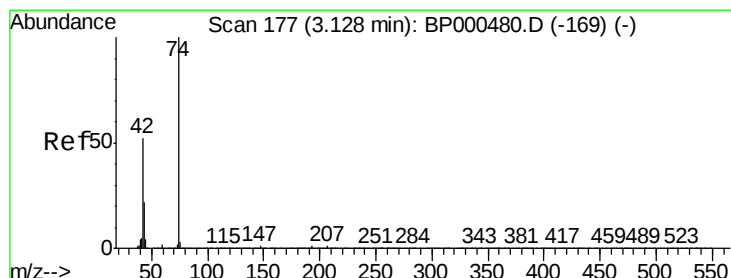
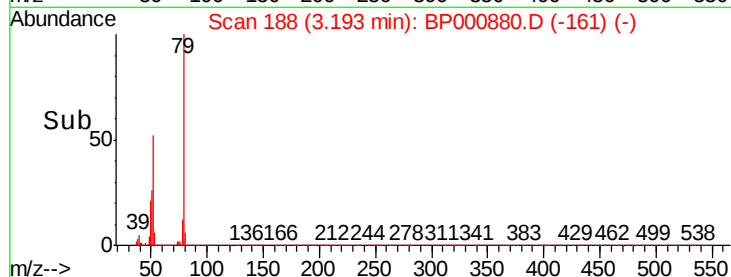
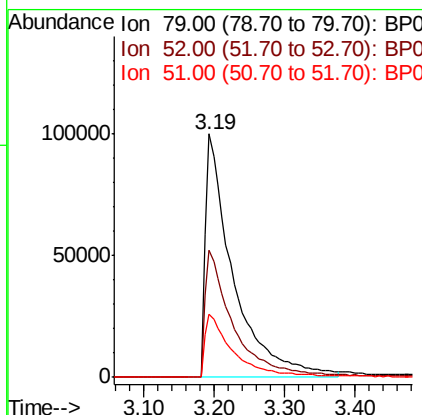
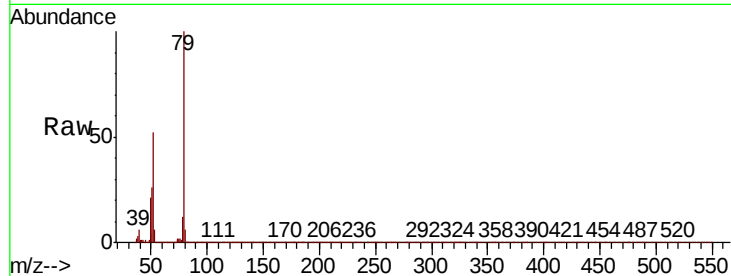
ClientSampleId :

RBR200031-RT4221MS

Tot Ion:	79	Resp:	270923
Ion Ratio	Lower	Upper	
79	100		
52	52.0	41.4	62.0
51	26.1	21.0	31.6

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#4

n-Nitrosodimethylamine

Concen: 31.261 ng

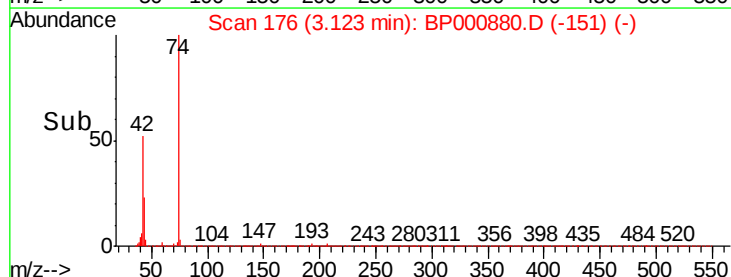
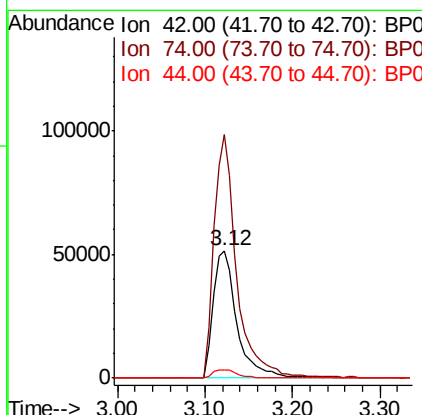
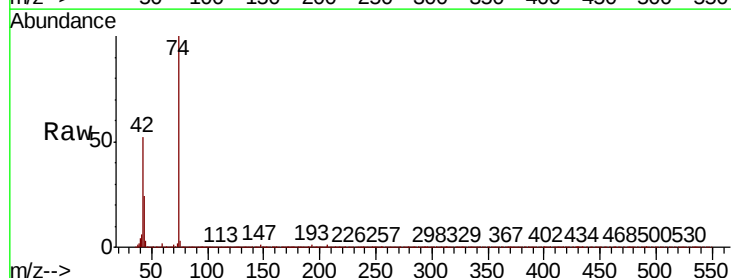
RT: 3.12 min Scan# 176

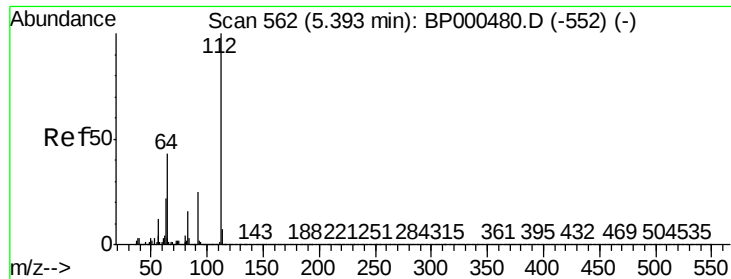
Delta R.T. 0.05 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion:	42	Resp:	95905
Ion Ratio	Lower	Upper	
42	100		
74	191.3	149.1	223.7
44	6.7	5.6	8.4





#5

2-Fluorophenol

Concen: 99.040 ng

RT: 5.37 min Scan# 558

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

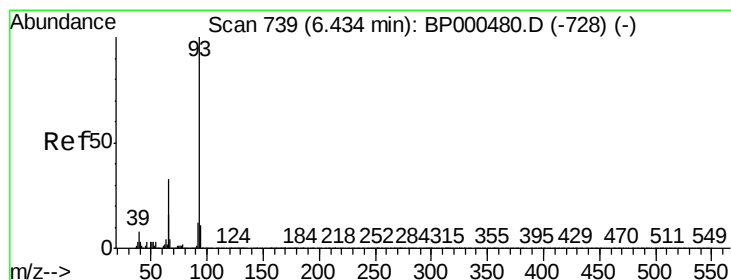
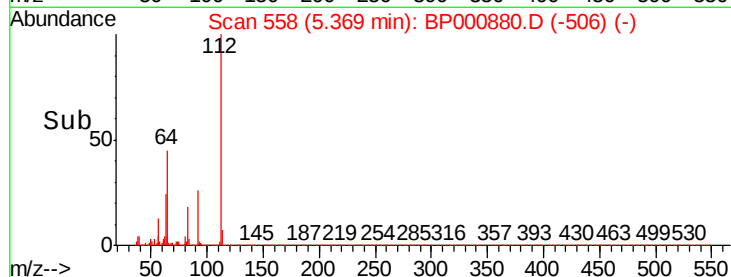
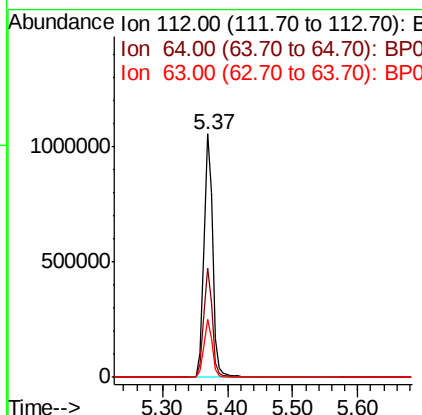
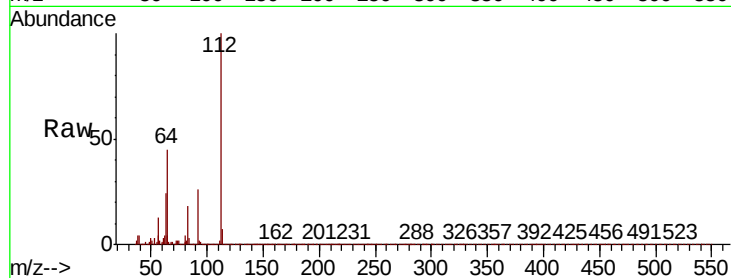
ClientSampleId :

RBR200031-RT4221MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		989645		
64	45.0	33.9	50.9		
63	23.8	17.4	26.0		

Manual Integrations
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#6

Aniline

Concen: 18.072 ng

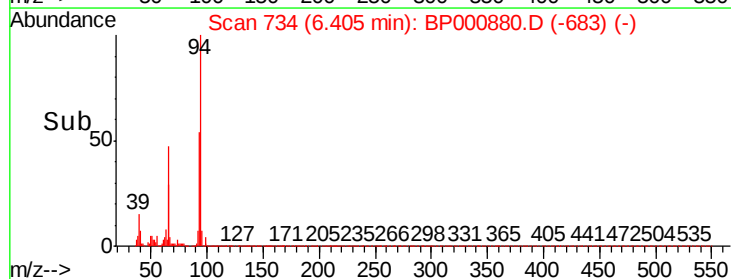
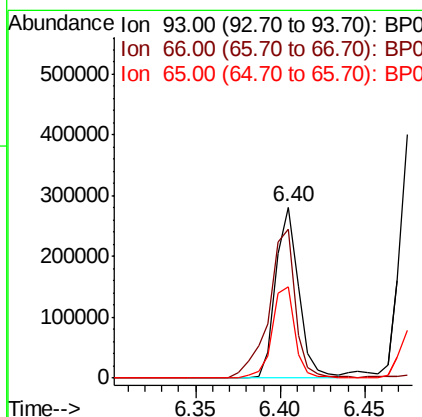
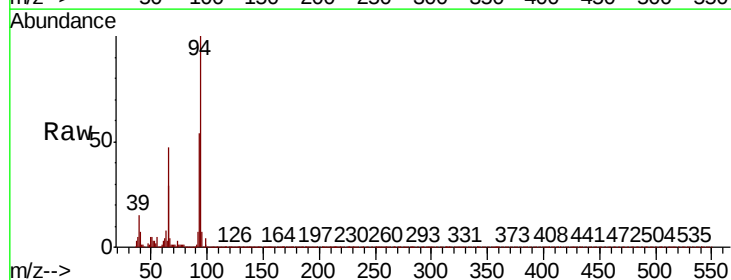
RT: 6.40 min Scan# 734

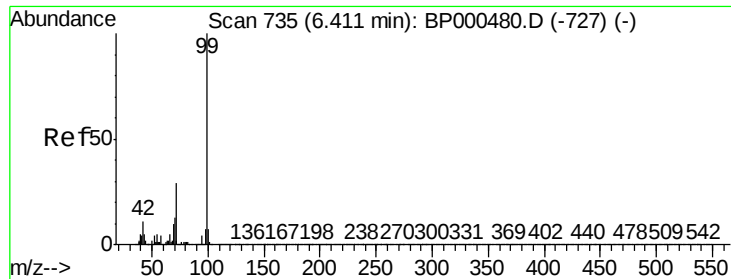
Delta R.T. 0.00 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		264370		
66	87.1	31.2	46.8#		
65	53.7	16.4	24.6#		





#7

Phenol-d6

Concen: 104.057 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MS

Tot Ion: 99 Resp: 1252972

Ion Ratio Lower Upper

99 100

42 10.9 8.7 13.1

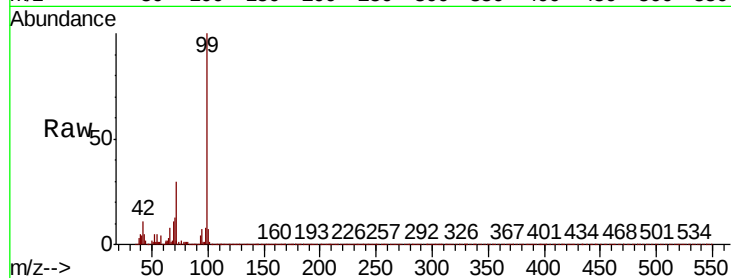
71 30.3 24.1 36.1

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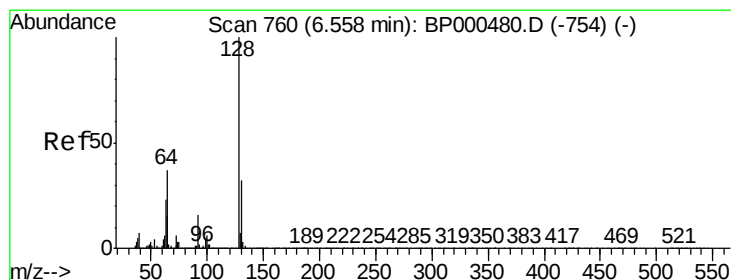
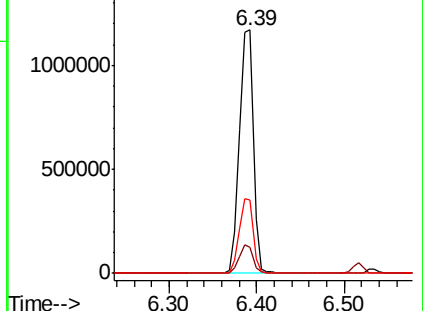
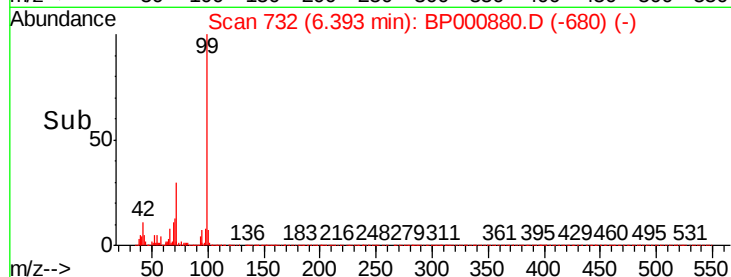
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 35.600 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

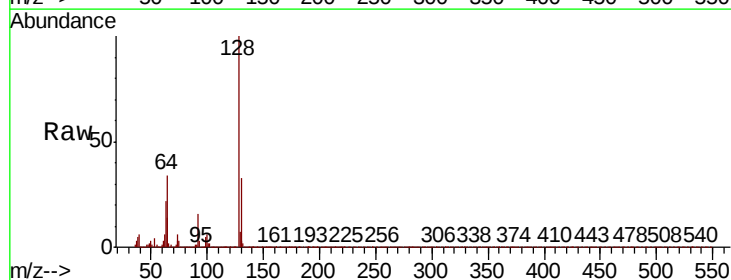
Tgt Ion: 128 Resp: 351077

Ion Ratio Lower Upper

128 100

130 32.7 12.1 52.1

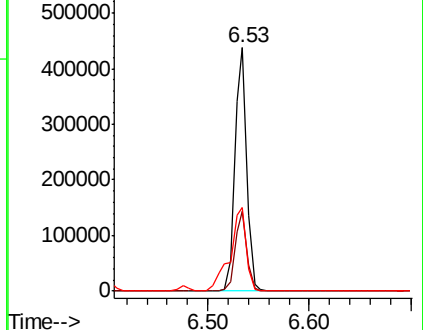
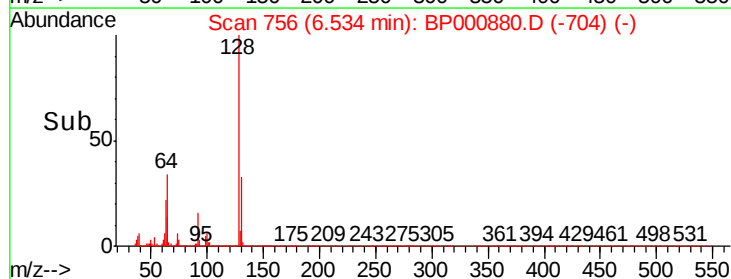
64 34.1 15.2 55.2

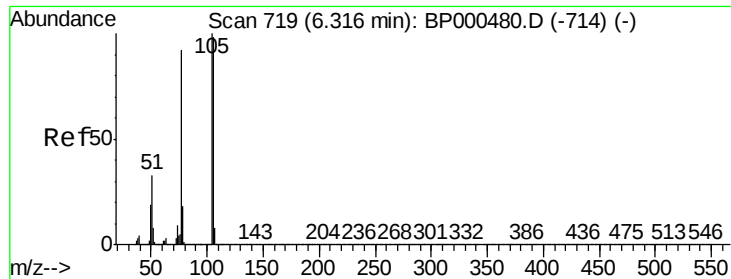


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 27.983 ng

RT: 6.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

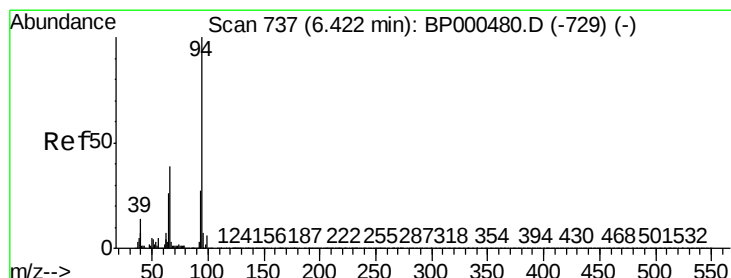
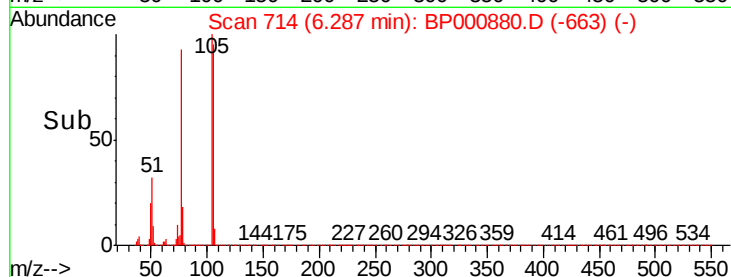
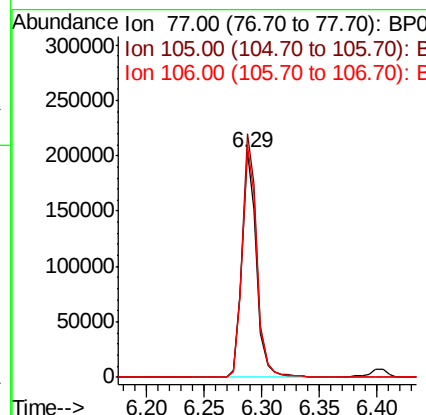
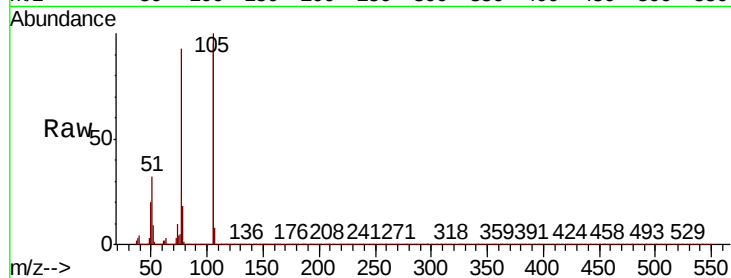
ClientSampleId :

RBR200031-RT4221MS

Tot Ion:	77	Resp:	175515
Ion Ratio	Lower	Upper	
77	100		
105	108.1	90.5	130.5
106	102.9	85.5	125.5

Manual Integrations
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#10

Phenol

Concen: 34.717 ng

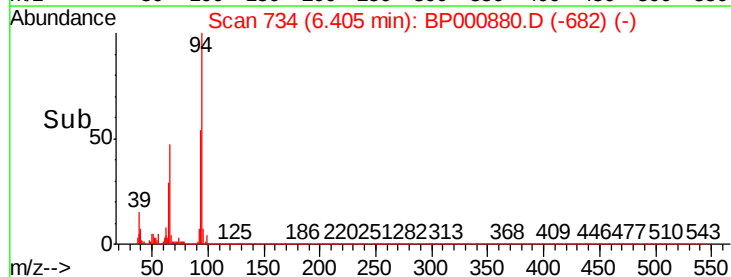
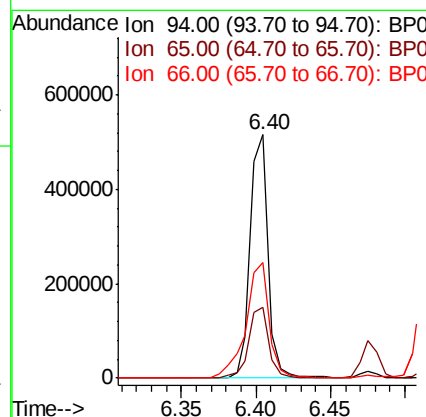
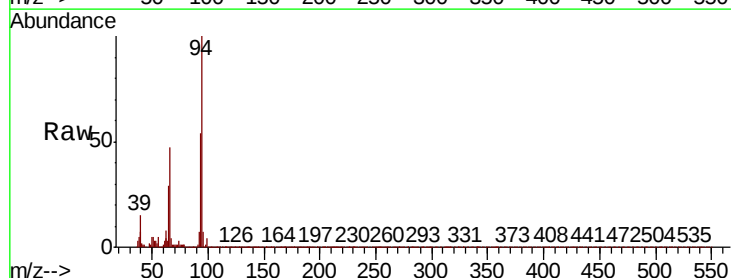
RT: 6.40 min Scan# 734

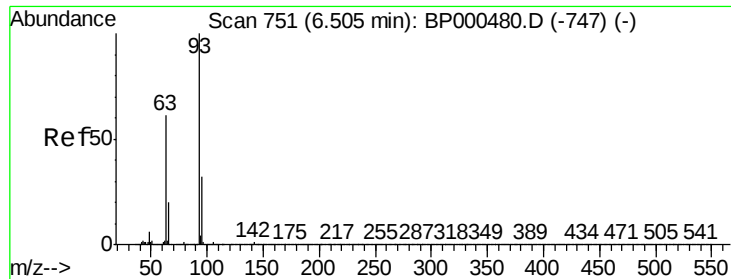
Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion:	94	Resp:	428012
Ion Ratio	Lower	Upper	
94	100		
65	29.2	14.6	54.6
66	47.4	39.2	79.2





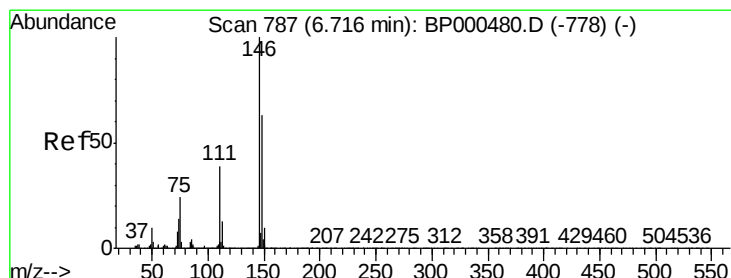
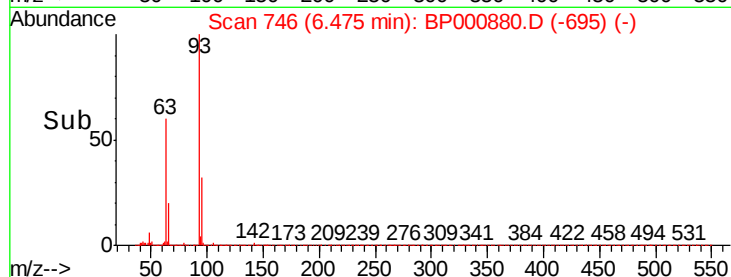
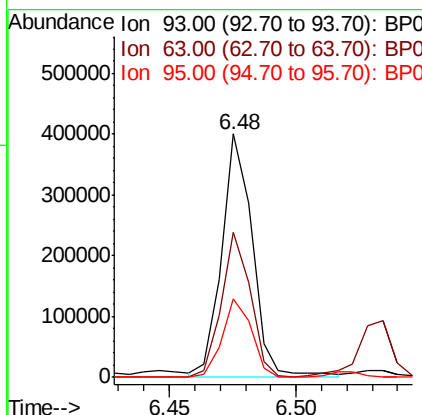
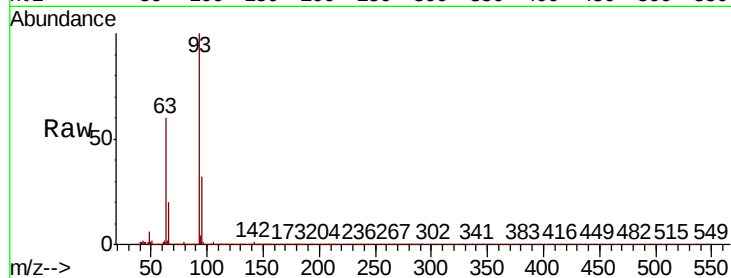
#11
bis(2-Chloroethyl)ether
Concen: 35.810 ng
RT: 6.48 min Scan# 746
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	59.6	39.6	79.6
95	32.5	12.4	52.4

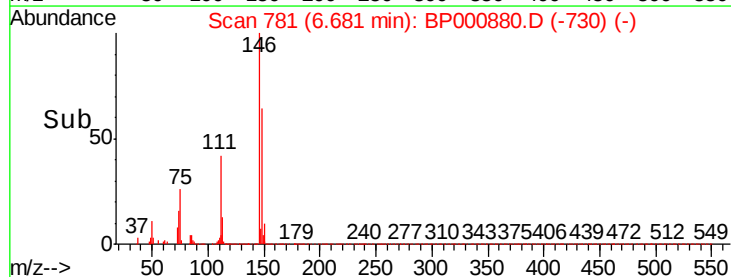
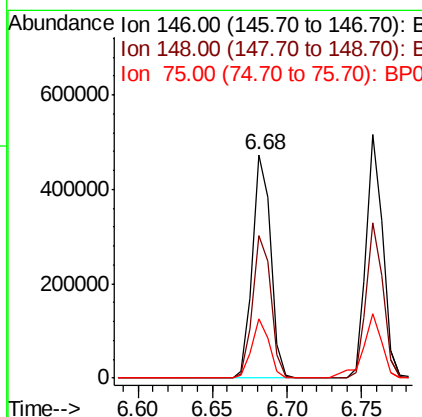
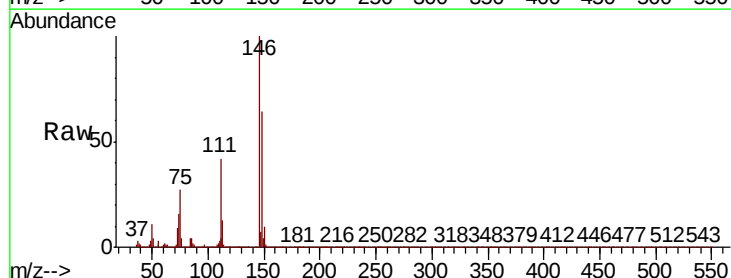
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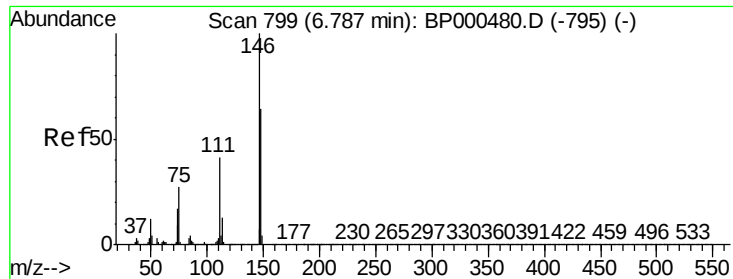
mohammad
10/22/2019 1:39:11 AM



#12
1,3-Dichlorobenzene
Concen: 33.131 ng
RT: 6.68 min Scan# 781
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.8	51.2	76.8
75	26.5	20.8	31.2





#13

1,4-Dichlorobenzene

Concen: 33.671 ng

RT: 6.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

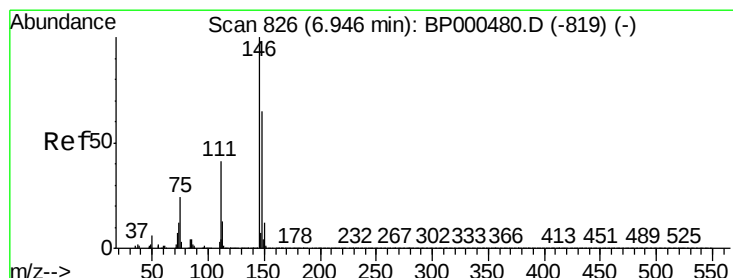
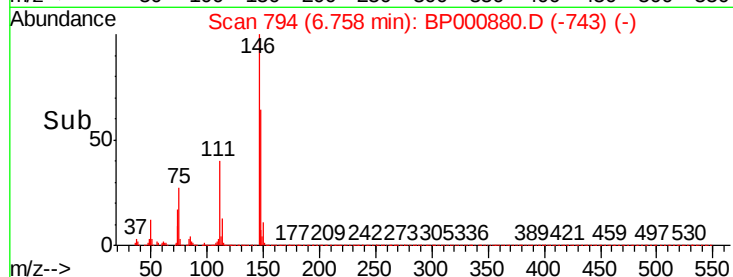
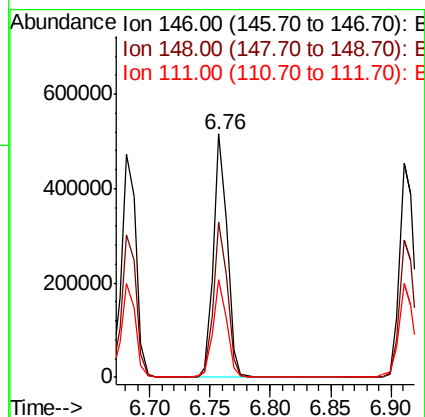
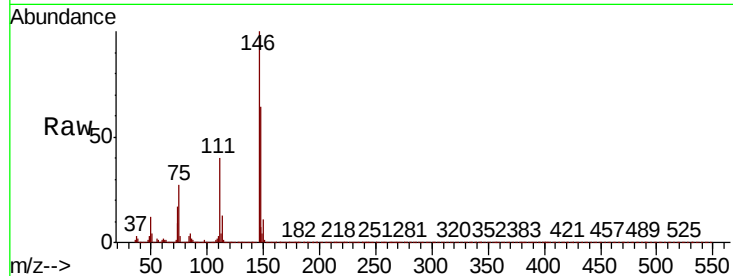
ClientSampleId :

RBR200031-RT4221MS

Tot Ion:	146	Resp:	405029
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.0
111	40.1	32.0	48.0

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#14

1,2-Dichlorobenzene

Concen: 33.640 ng

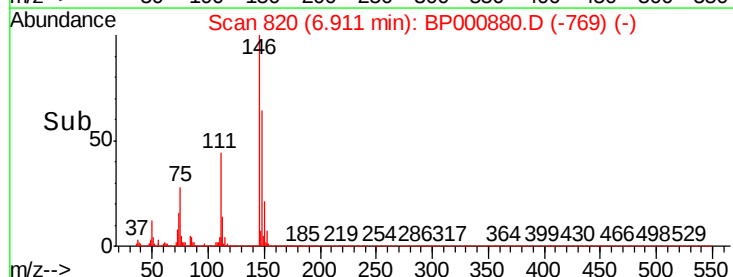
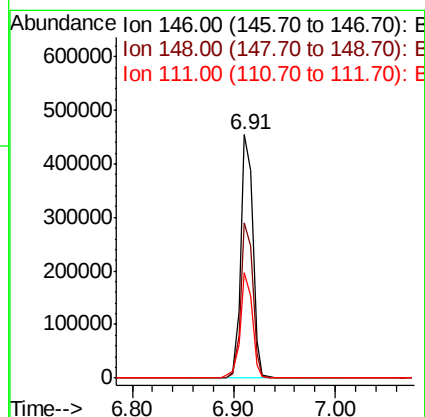
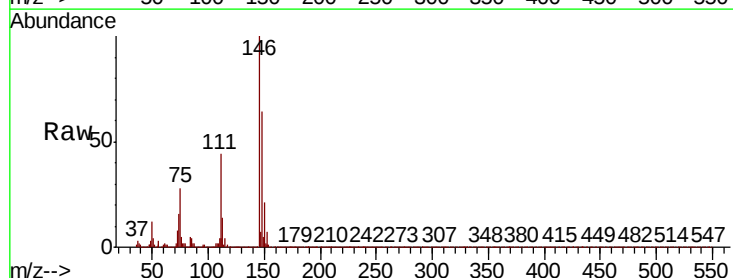
RT: 6.91 min Scan# 820

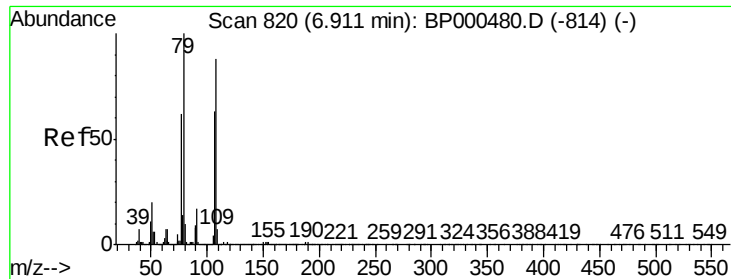
Delta R.T. 0.00 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion:	146	Resp:	373608
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.2
111	43.5	34.0	51.0





#15

Benzyl Alcohol

Concen: 35.036 ng

RT: 6.89 min Scan# 816

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

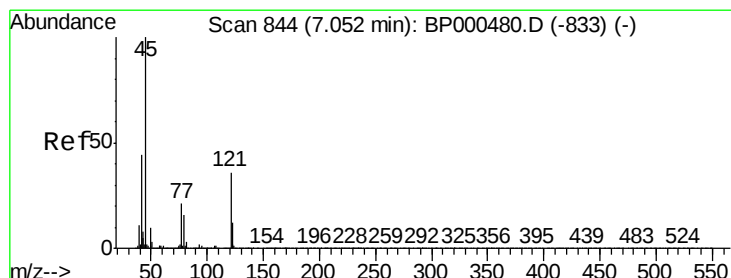
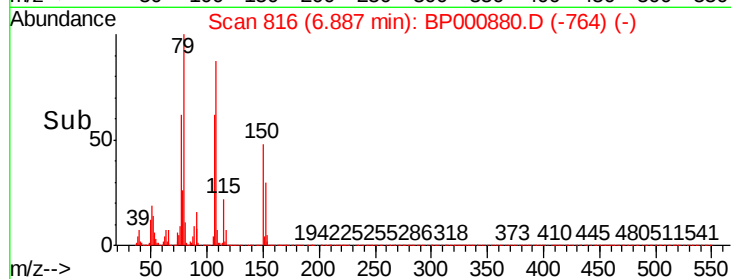
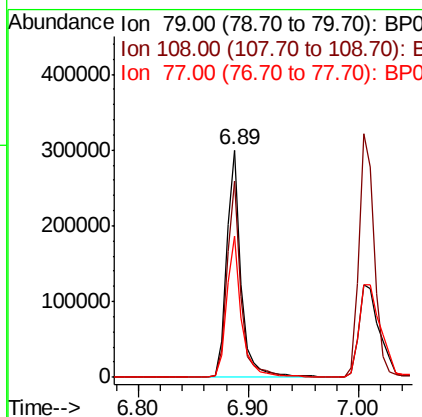
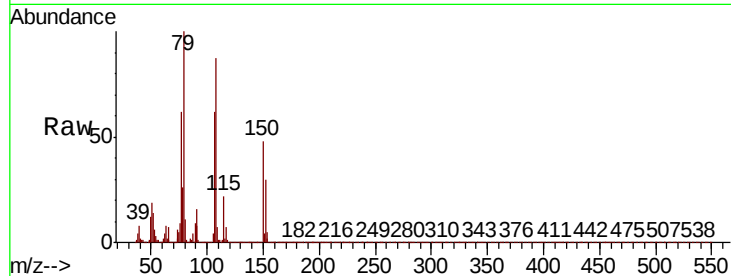
ClientSampleId :

RBR200031-RT4221MS

Tot Ion:	79	Resp:	272456
Ion Ratio	Lower	Upper	
79	100		
108	86.6	66.7	100.1
77	62.2	49.5	74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.934 ng

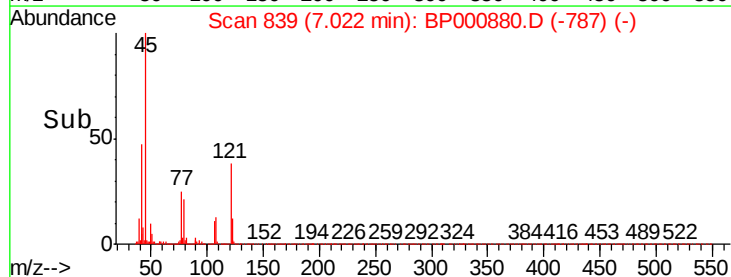
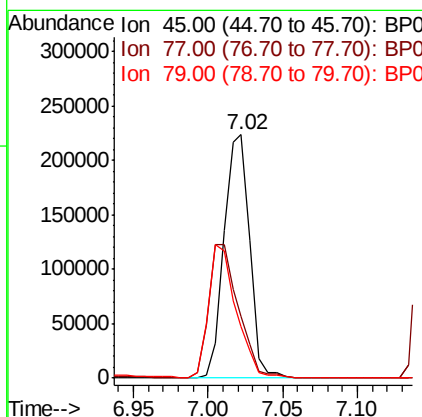
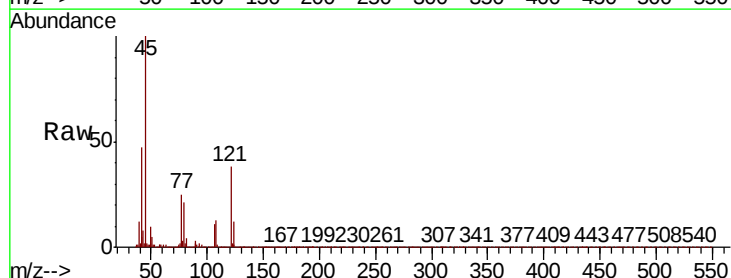
RT: 7.02 min Scan# 839

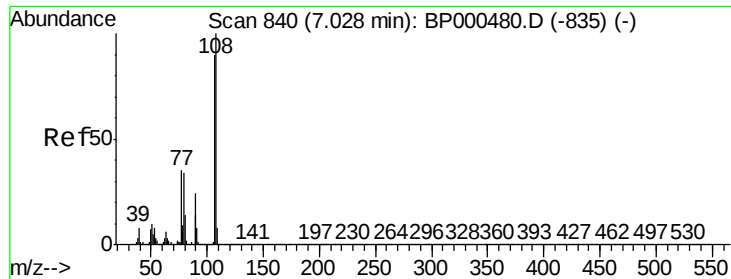
Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion:	45	Resp:	270650
Ion Ratio	Lower	Upper	
45	100		
77	25.5	5.6	45.6
79	21.4	0.9	40.9





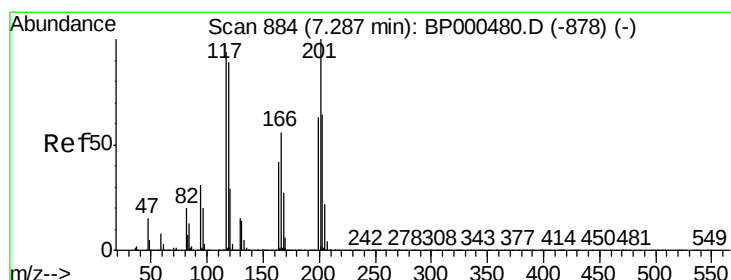
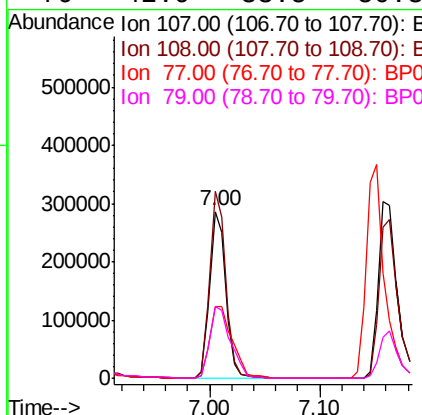
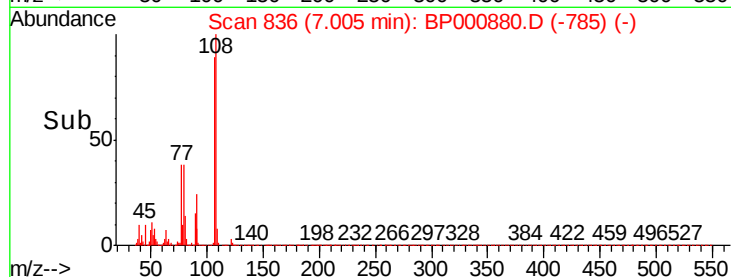
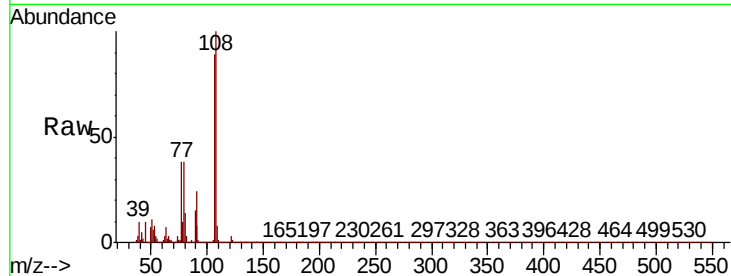
#17
2-Methylphenol
Concen: 34.795 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	90.2	135.4	
77	42.8	33.8	50.8	
79	42.9	33.5	50.3	

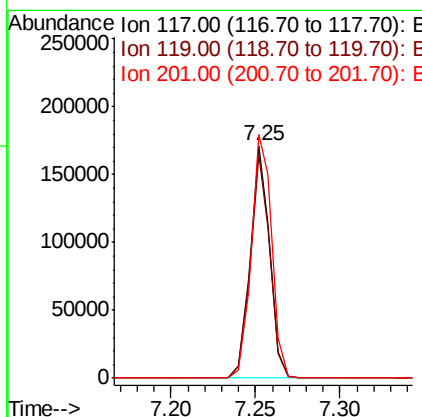
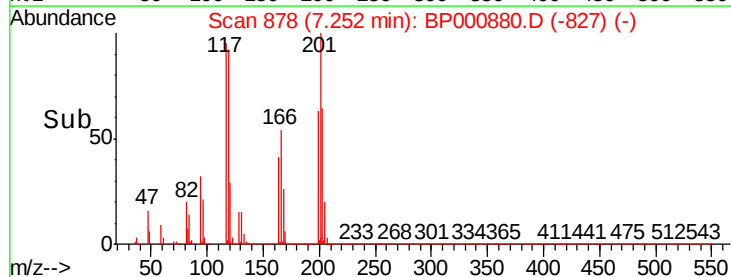
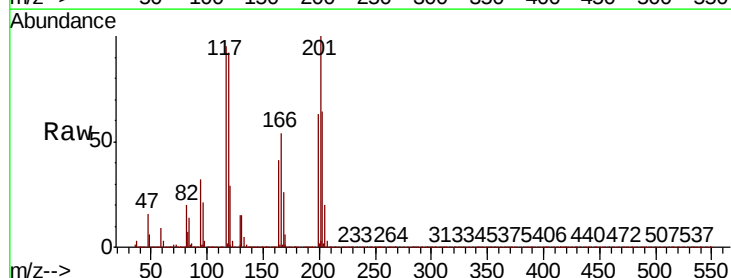
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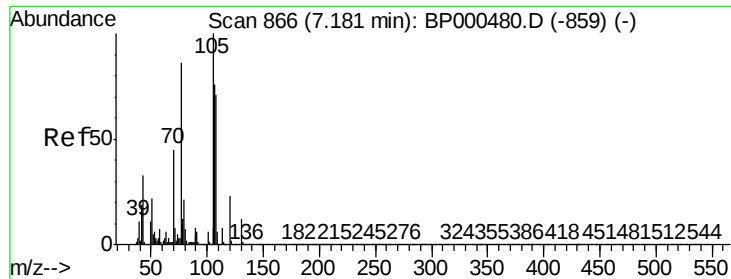
mohammad
10/22/2019 1:39:11 AM



#18
Hexachloroethane
Concen: 31.969 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.8	116.6	
201	104.7	86.6	130.0	





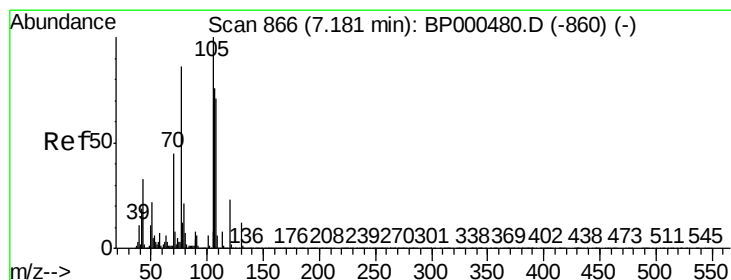
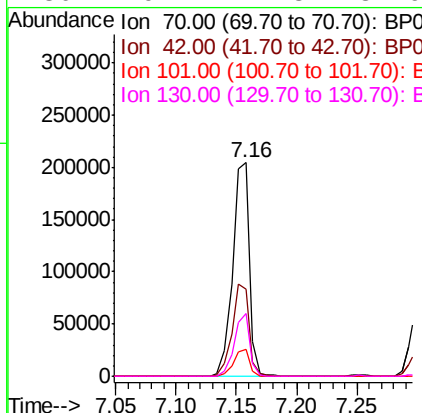
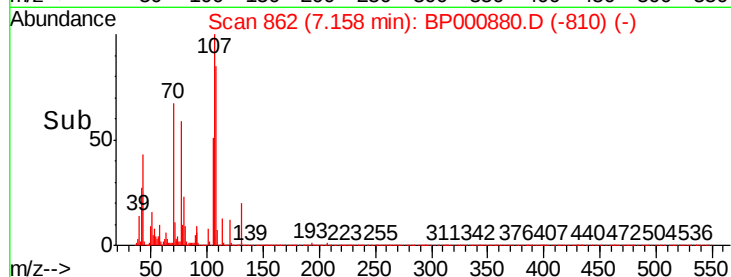
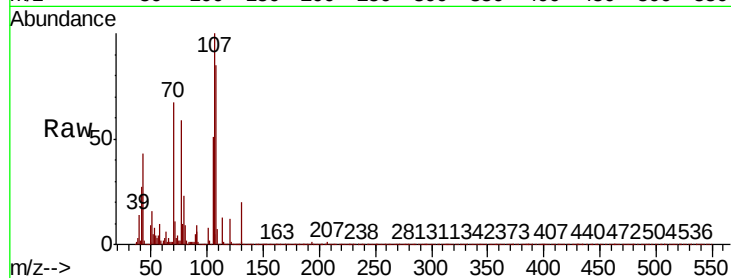
#19
n-Nitroso-di-n-propylamine
Concen: 35.388 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.8	34.0	51.0		
101	12.6	9.5	14.3		
130	29.2	21.3	31.9		

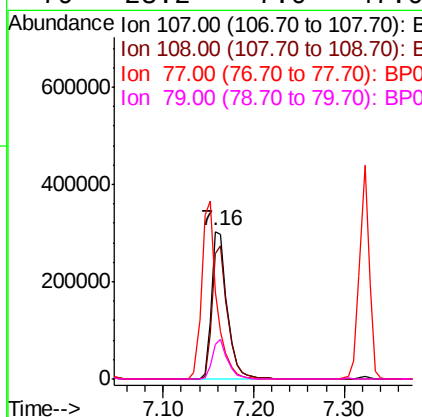
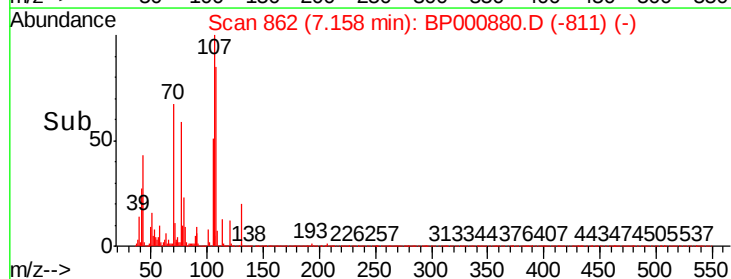
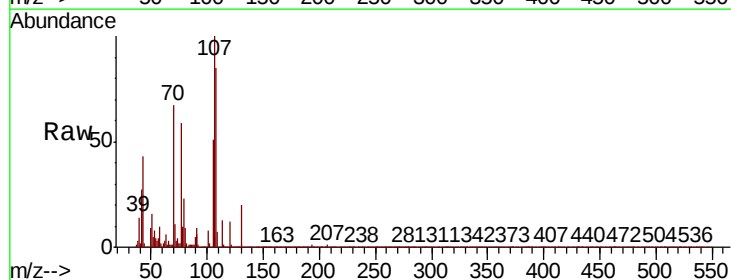
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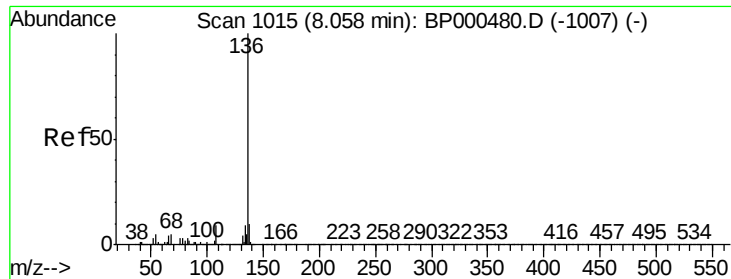
mohammad
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#20
3+4-Methylphenols
Concen: 38.230 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.2	69.5	109.5		
77	59.2	31.9	71.9		
79	23.2	7.0	47.0		





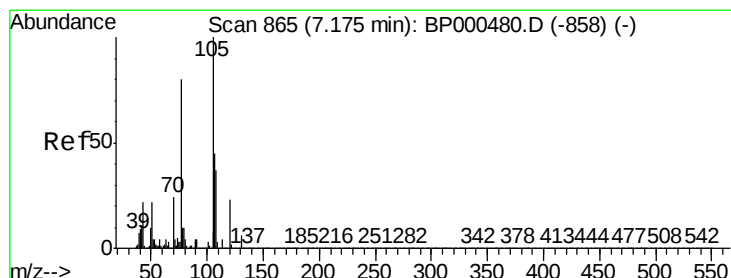
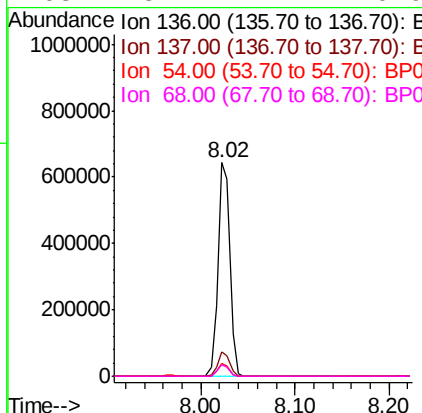
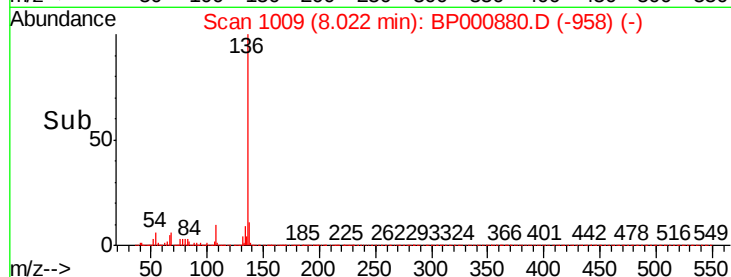
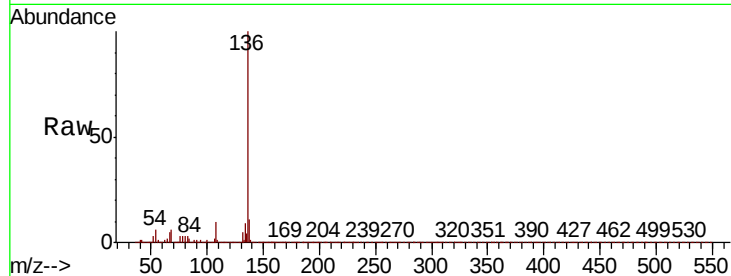
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		571117		
137	11.3	8.9	13.3		
54	5.8	4.6	6.8		
68	5.7	4.4	6.6		

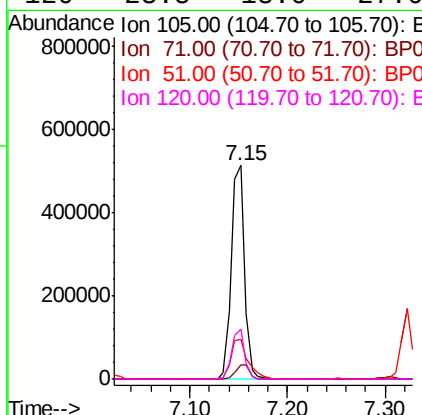
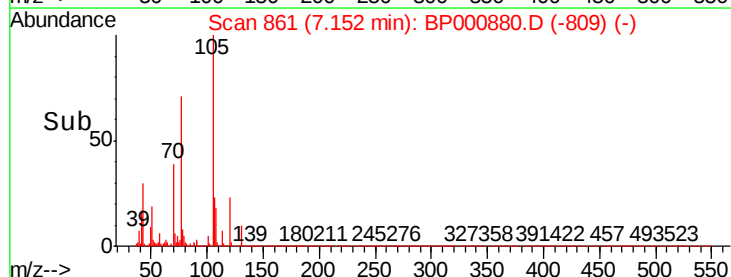
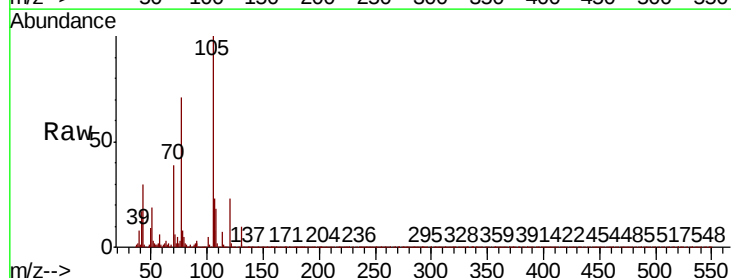
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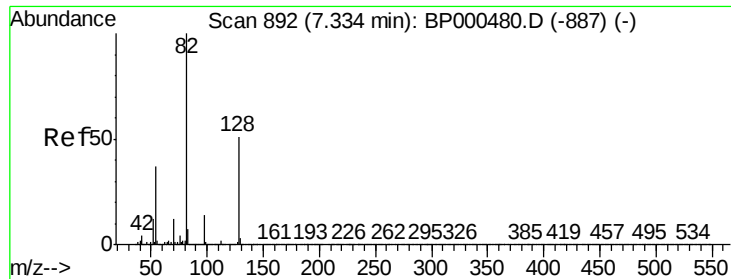
mohammad
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#22
Acetophenone
Concen: 36.355 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		479760		
71	6.5	3.3	4.9#		
51	18.5	15.7	23.5		
120	23.5	18.0	27.0		





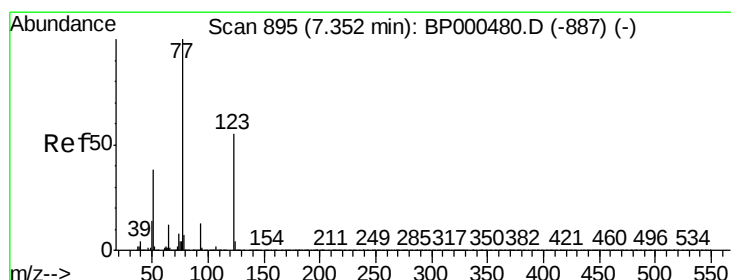
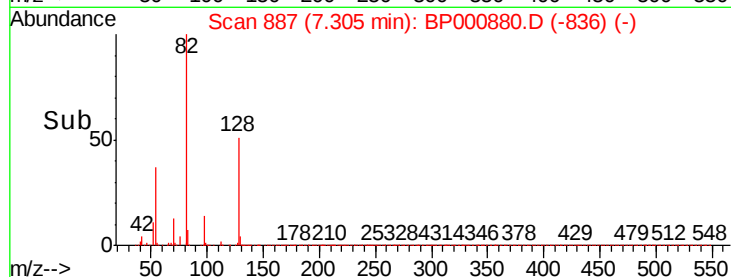
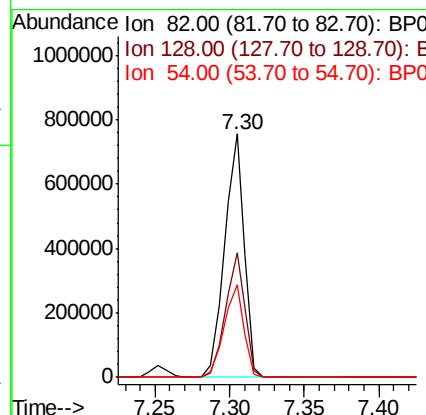
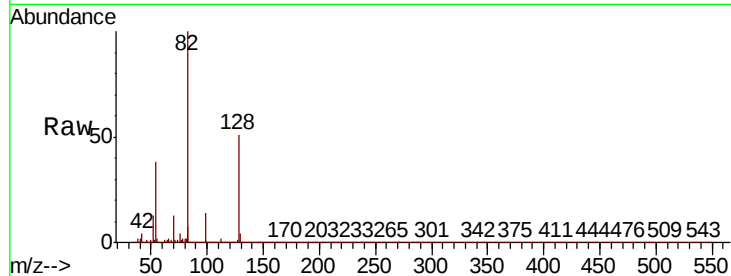
#23
Nitrobenzene-d5
Concen: 74.637 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.0	41.2	61.8
54	38.0	30.6	45.8

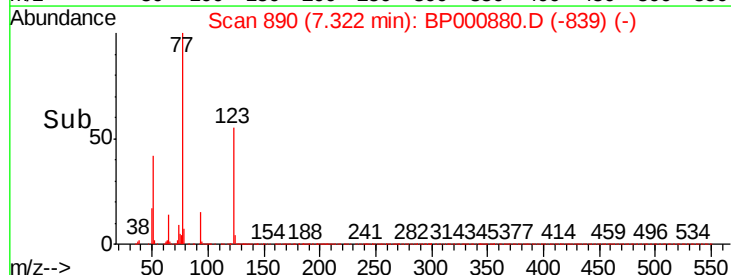
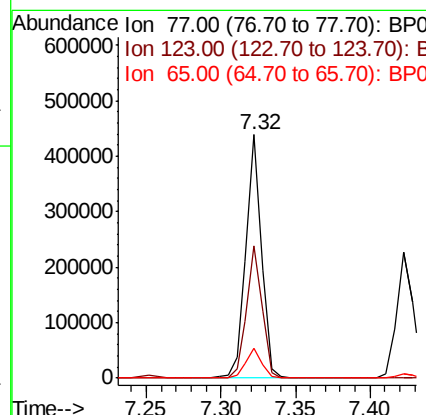
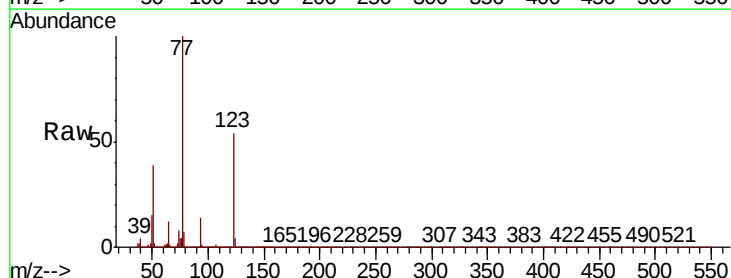
Manual Integrations
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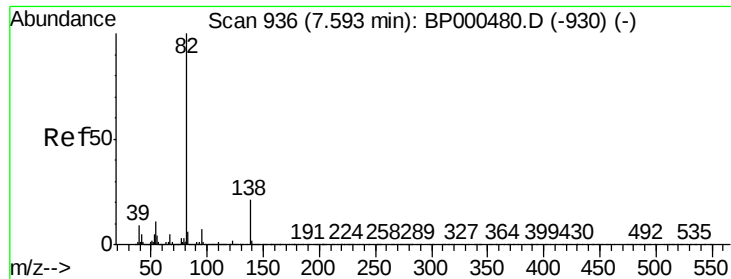
mohammad
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#24
Nitrobenzene
Concen: 35.628 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.1	43.4	65.2
65	12.4	9.9	14.9





#25

Isophorone

Concen: 35.801 ng

RT: 7.56 min Scan# 931

Delta R.T. 0.00 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

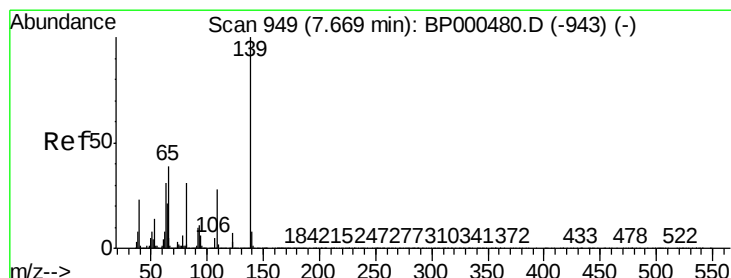
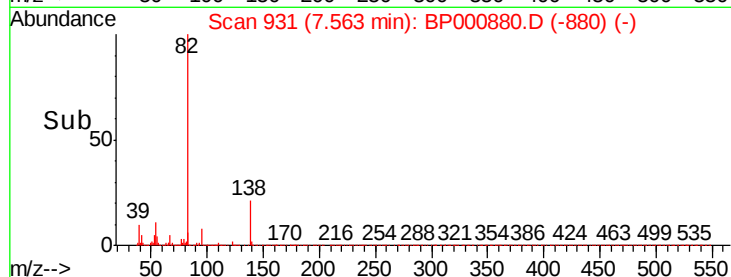
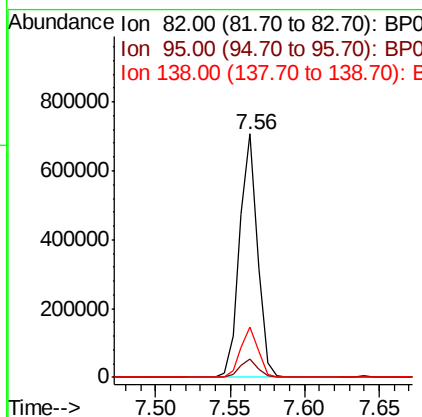
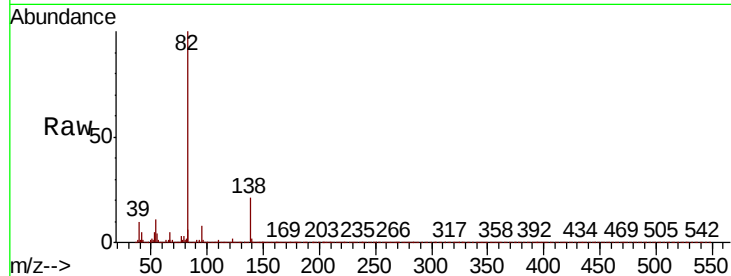
ClientSampleId :

RBR200031-RT4221MS

Tot Ion:	82	Resp:	594161
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.2	9.4
138	20.8	17.0	25.4

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#26

2-Nitrophenol

Concen: 38.722 ng

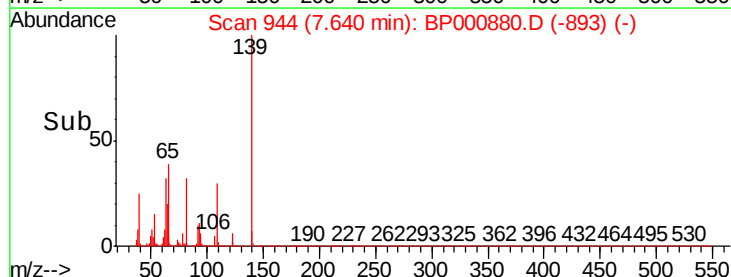
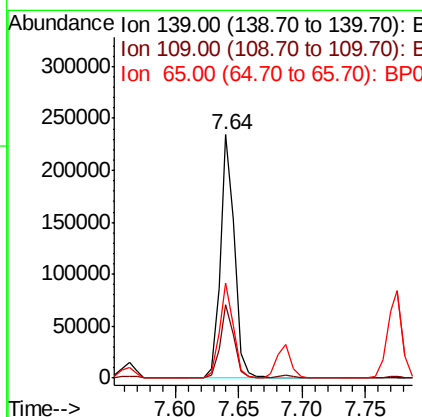
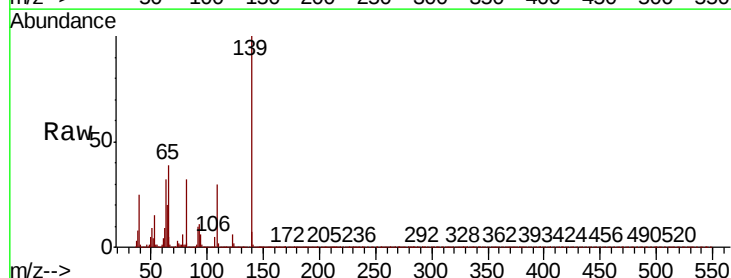
RT: 7.64 min Scan# 944

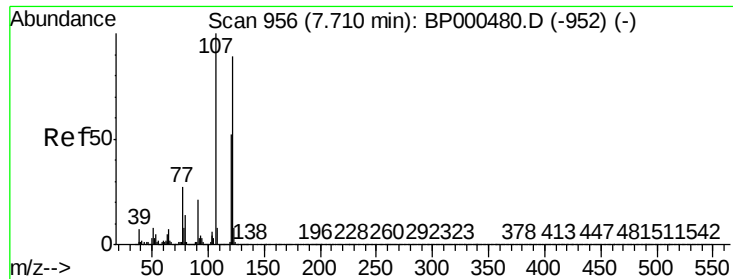
Delta R.T. 0.00 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion:	139	Resp:	183650
Ion Ratio	Lower	Upper	
139	100		
109	30.2	23.8	35.6
65	39.3	30.7	46.1





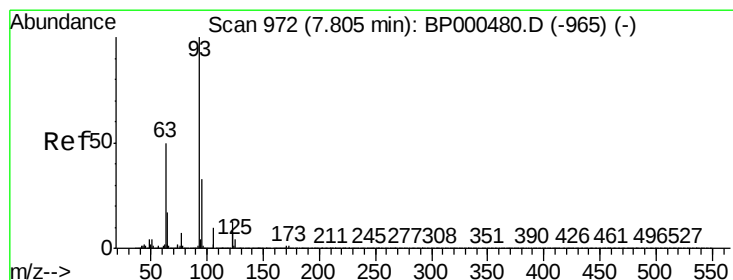
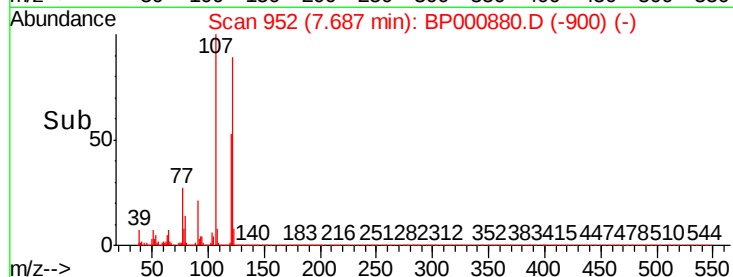
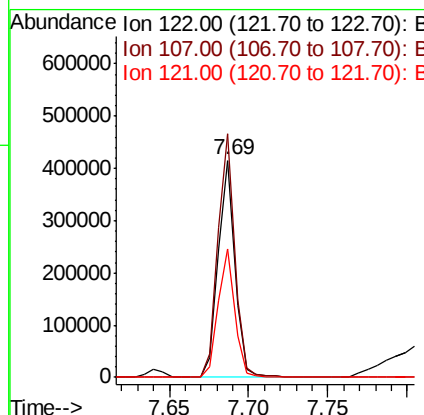
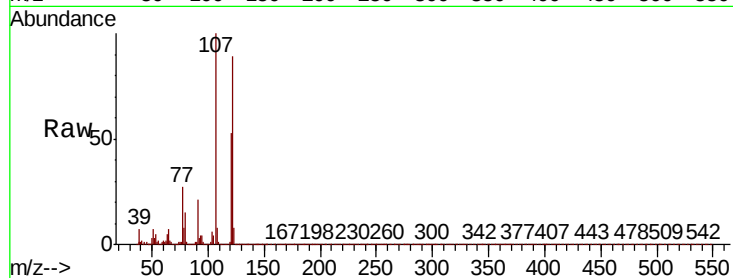
#27
2,4-Dimethylphenol
Concen: 42.098 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	112.3	93.0	139.6	
121	59.0	47.8	71.6	

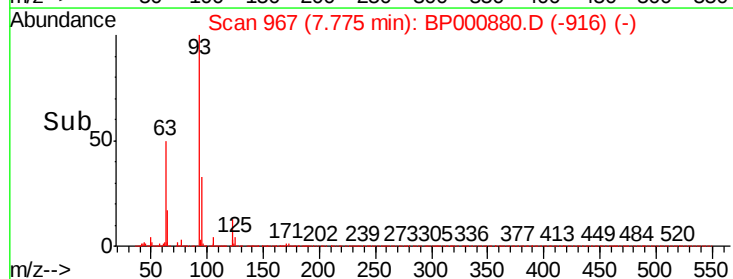
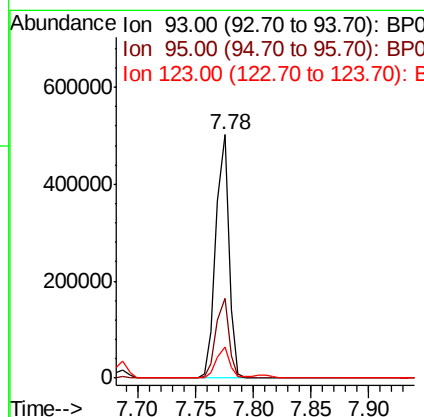
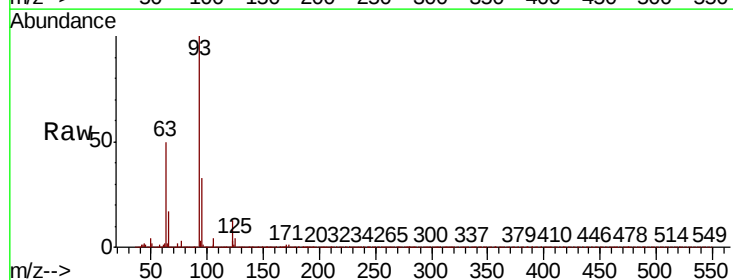
Manual Integrations
APPROVED

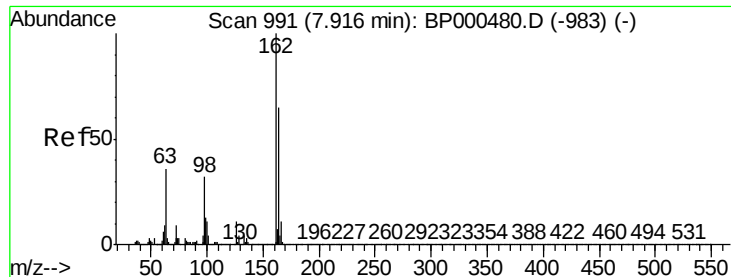
mohammad
10/22/2019 1:39:11 AM



#28
bis(2-Chloroethoxy)methane
Concen: 35.365 ng
RT: 7.78 min Scan# 967
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.7	26.4	39.6	
123	12.6	10.2	15.2	





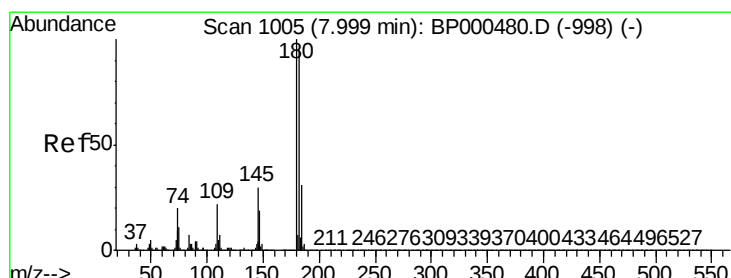
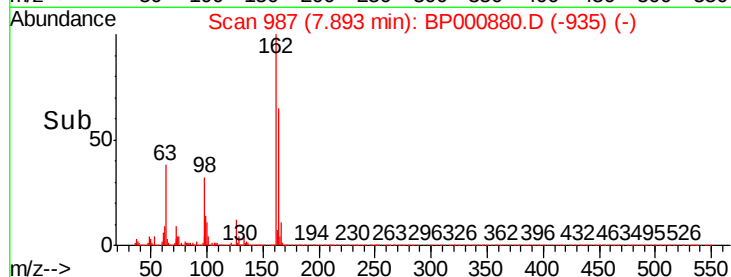
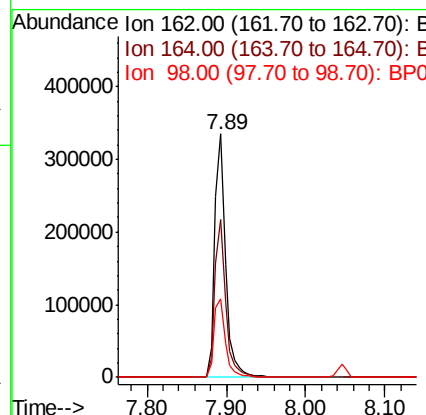
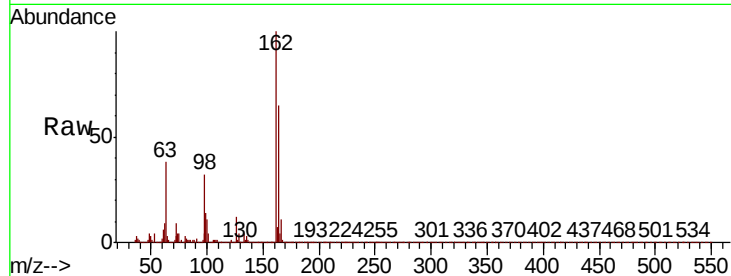
#29
2,4-Dichlorophenol
Concen: 38.586 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.9	44.5	84.5
98	32.2	14.6	54.6

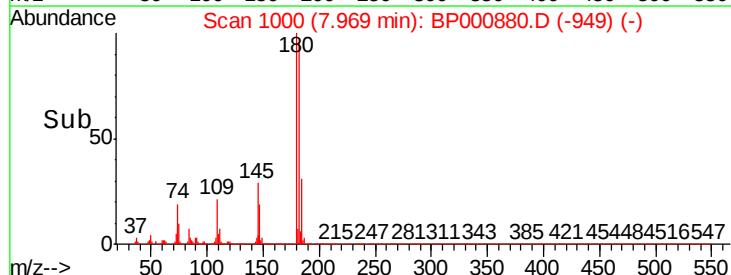
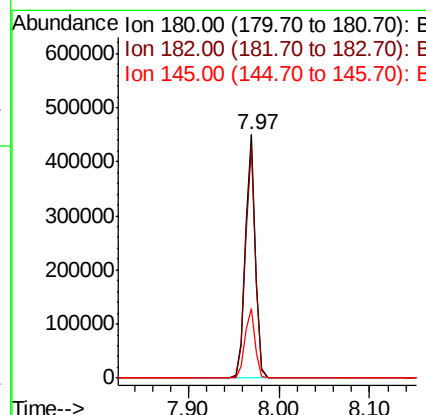
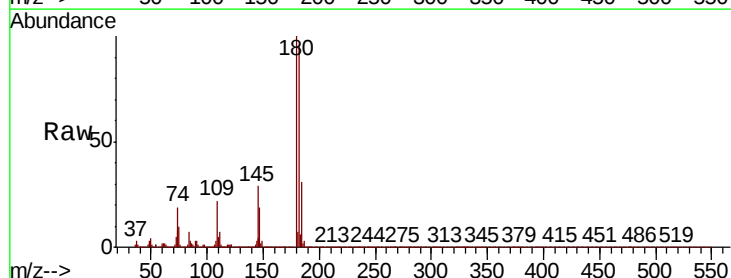
Manual Integrations
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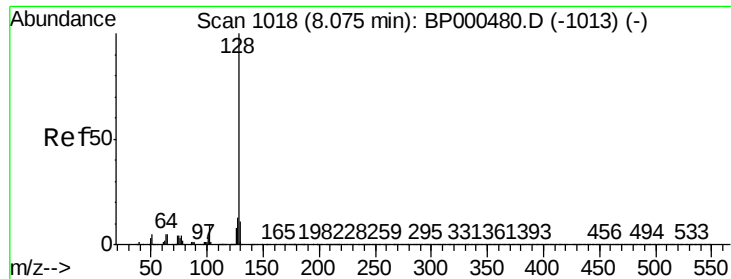
mohammad
10/22/2019 1:39:11 AM



#30
1,2,4-Trichlorobenzene
Concen: 36.512 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.5	76.6	114.8
145	28.8	23.1	34.7





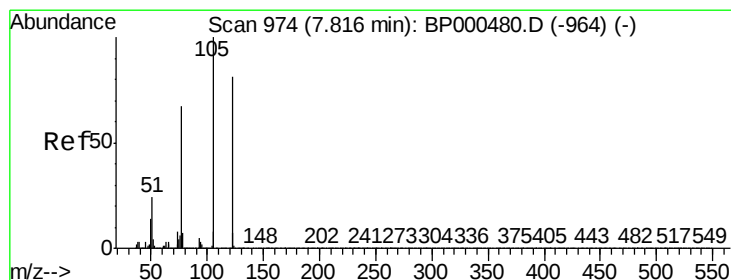
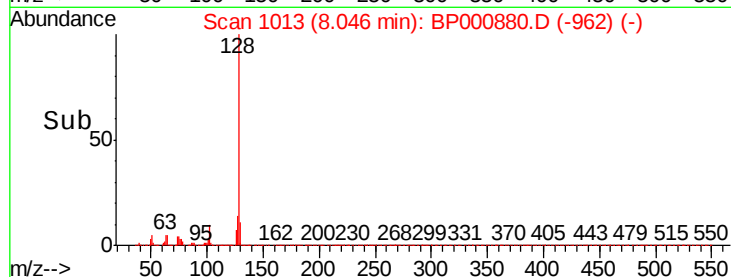
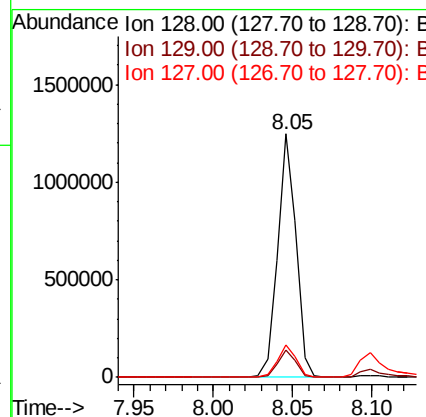
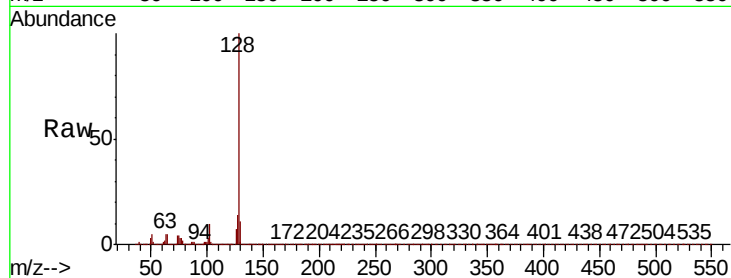
#31
Naphthalene
Concen: 37.765 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.6	10.8	16.2

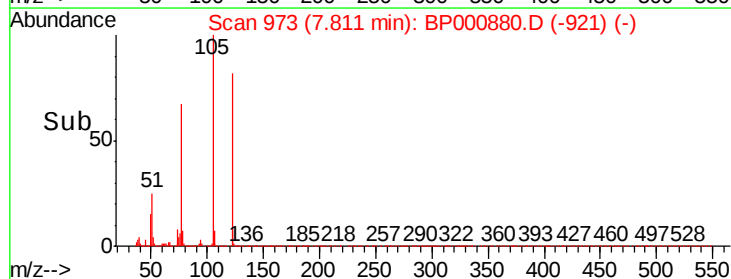
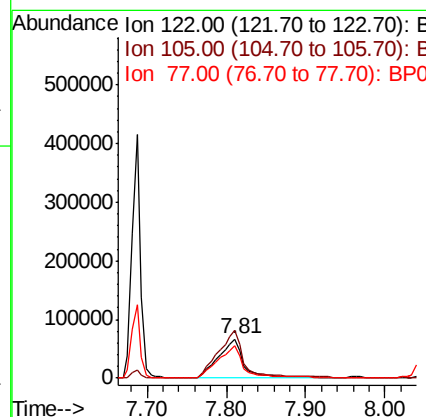
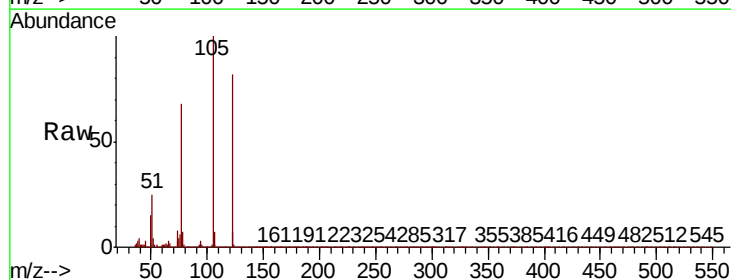
Manual Integrations
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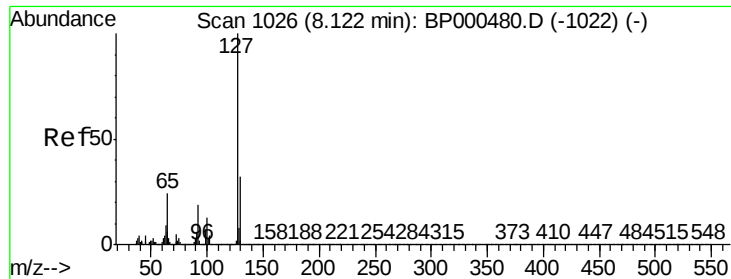
mohammad
10/22/2019 1:39:11 AM



#32
Benzoic acid
Concen: 32.468 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.0	104.9	144.9
77	82.8	63.6	103.6





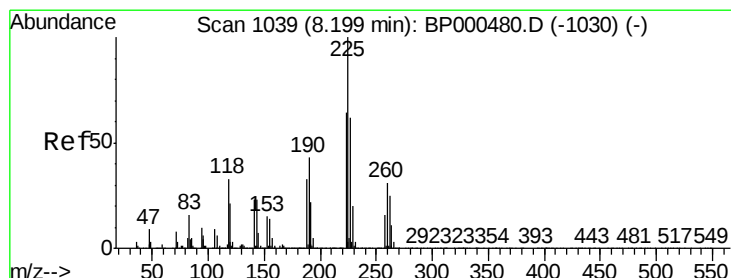
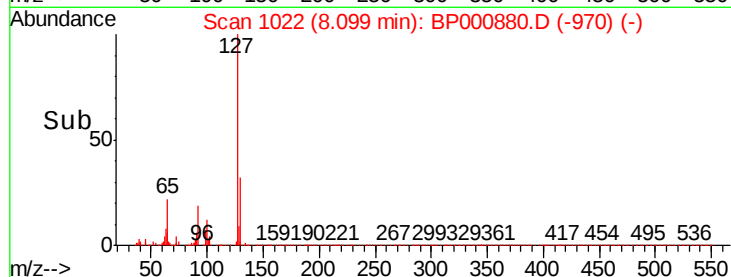
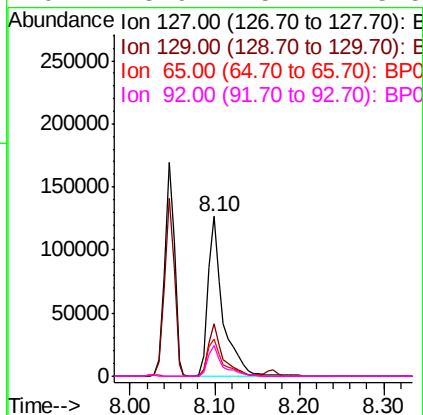
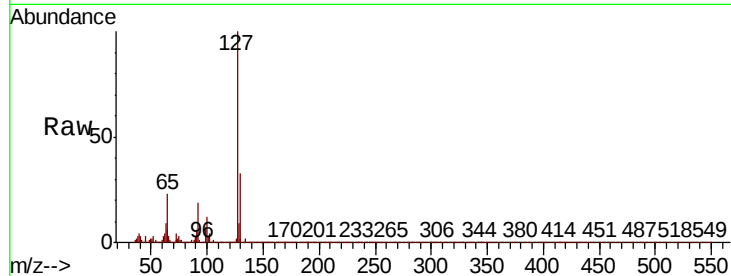
#33
4-Chloroaniline
Concen: 13.239 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		155048		
129	32.5	25.6	38.4		
65	23.4	20.4	30.6		
92	18.9	15.7	23.5		

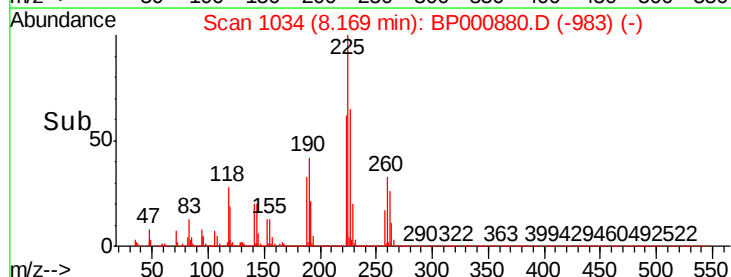
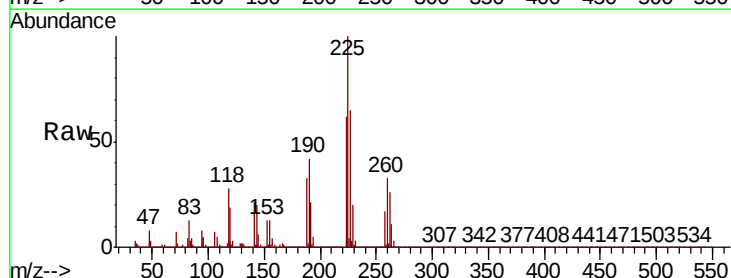
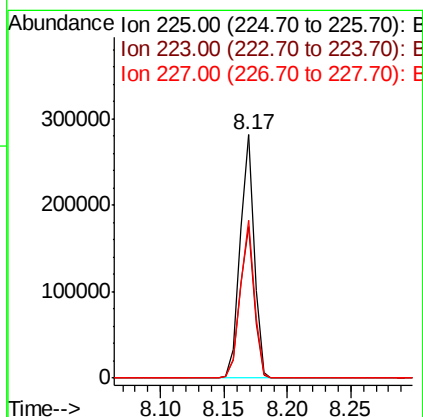
Manual Integrations
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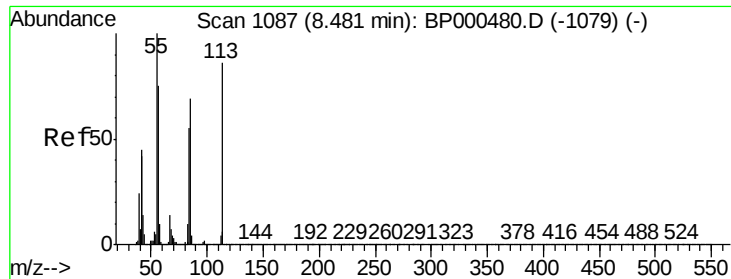
mohammad
10/22/2019 1:39:11 AM



#34
Hexachlorobutadiene
Concen: 36.421 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		212492		
223	62.2	49.6	74.4		
227	64.8	51.7	77.5		





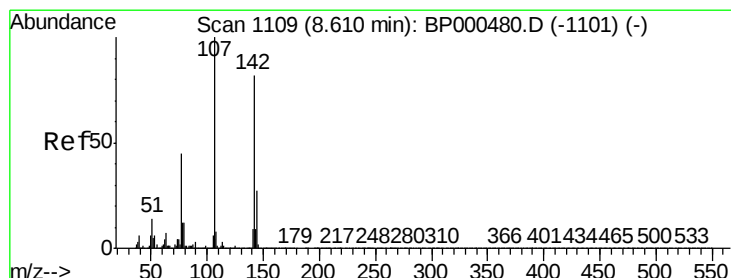
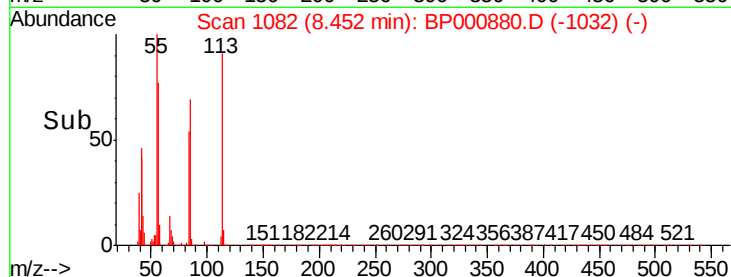
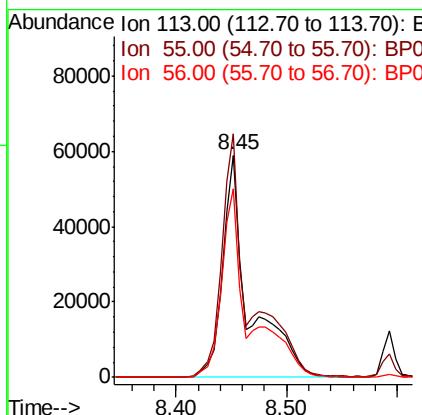
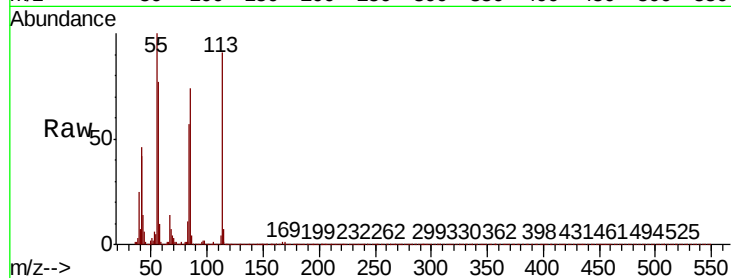
#35
Caprolactam
Concen: 35.777 ng/ml
RT: 8.45 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	109.6	92.1	132.1		
56	84.8	66.3	106.3		

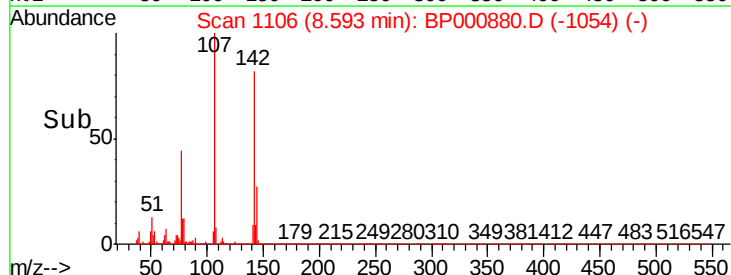
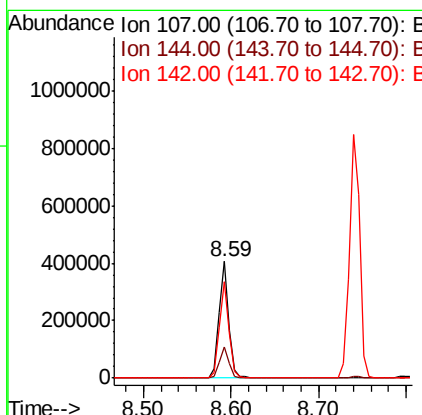
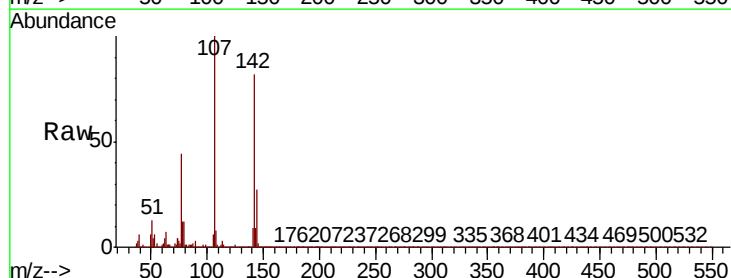
Manual Integrations
APPROVED

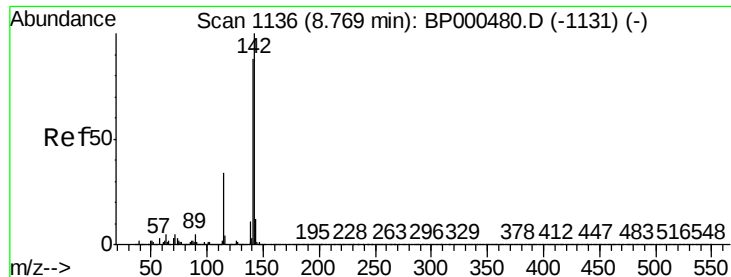
mohammad
10/22/2019 1:39:11 AM



#36
4-Chloro-3-methylphenol
Concen: 38.699 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.1	20.9	31.3		
142	82.0	63.5	95.3		





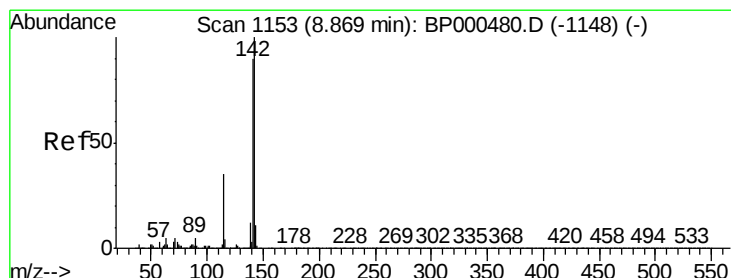
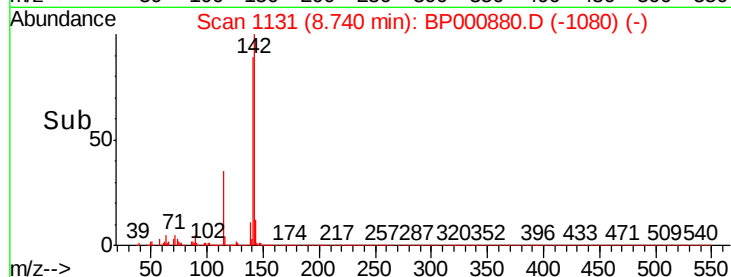
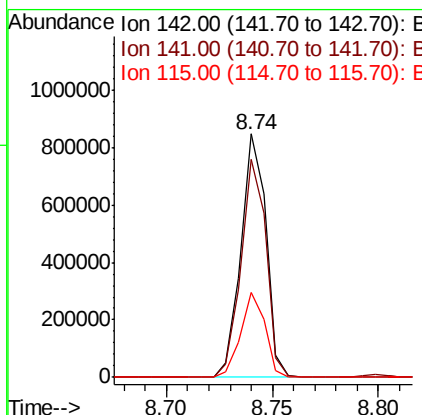
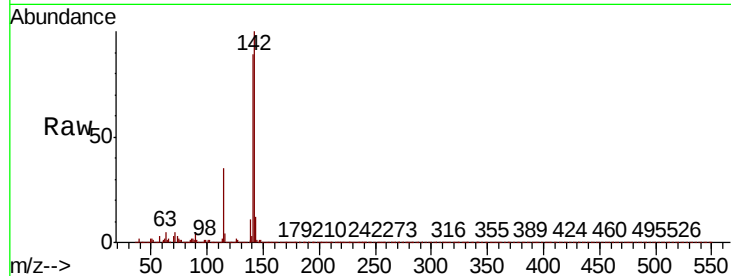
#37
2-Methylnaphthalene
Concen: 38.779 ng
RT: 8.74 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.4
115	35.0	26.9	40.3

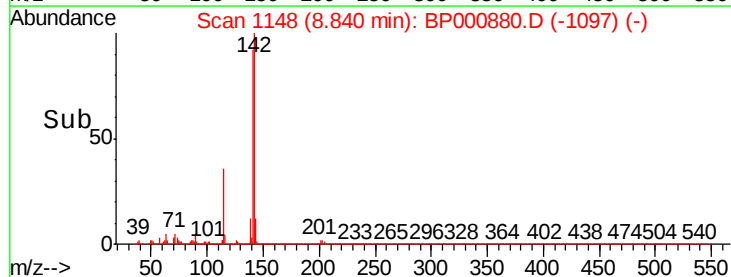
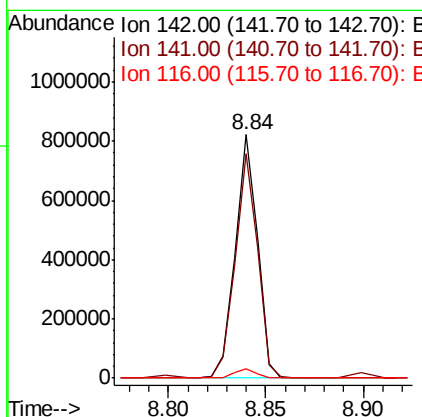
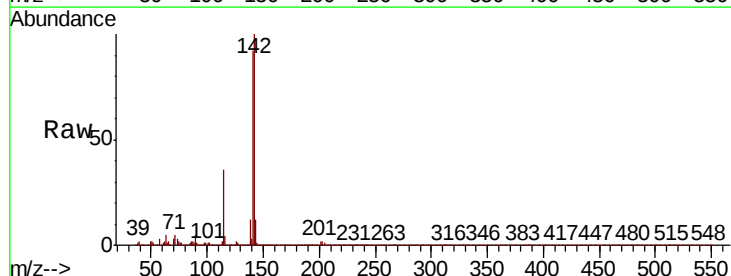
Manual Integrations
APPROVED

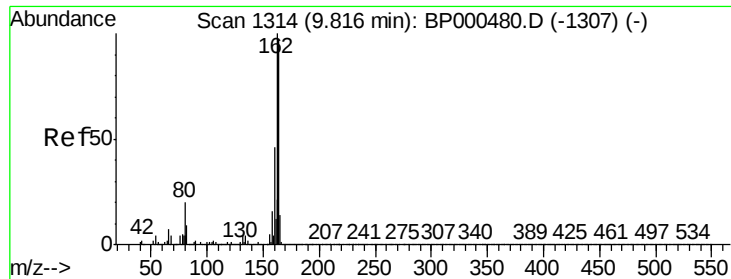
mohammad
10/22/2019 1:39:11 AM



#38
1-Methylnaphthalene
Concen: 38.255 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.6	111.8
116	3.7	2.9	4.3





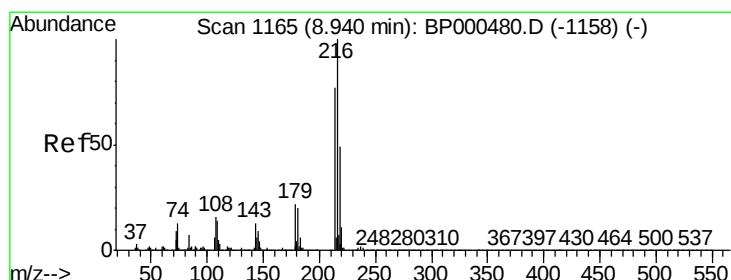
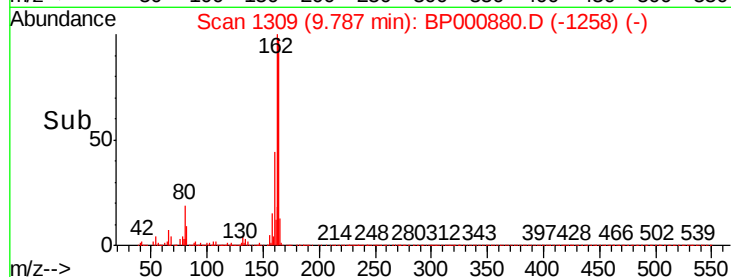
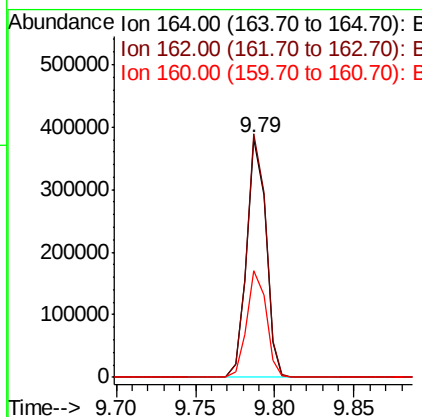
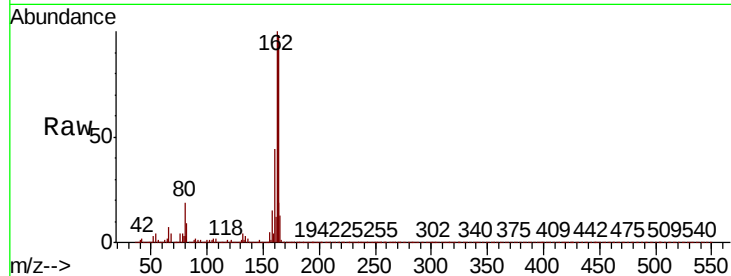
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.6	121.0
160	44.8	35.4	53.2

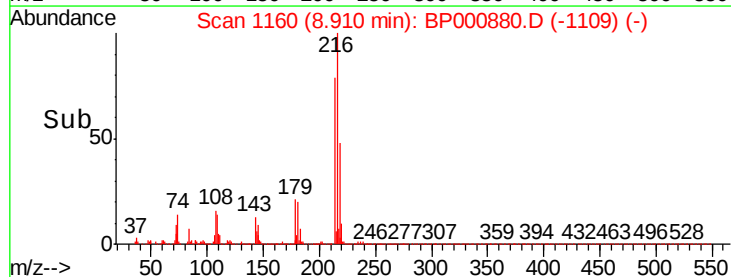
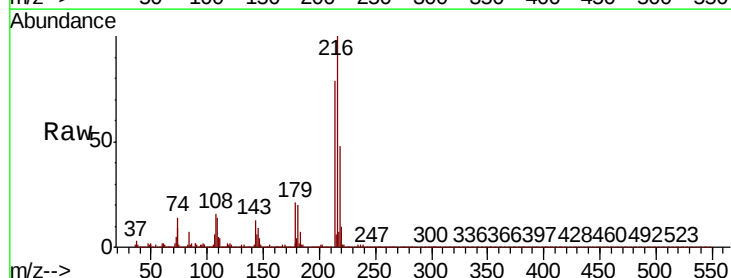
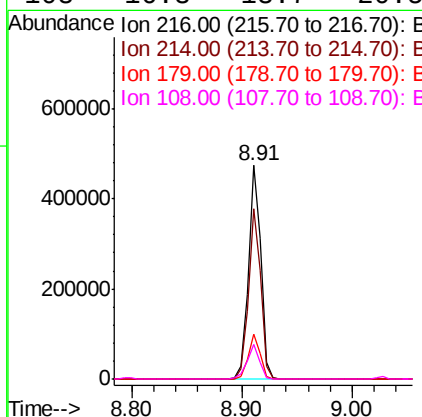
Manual Integrations
APPROVED

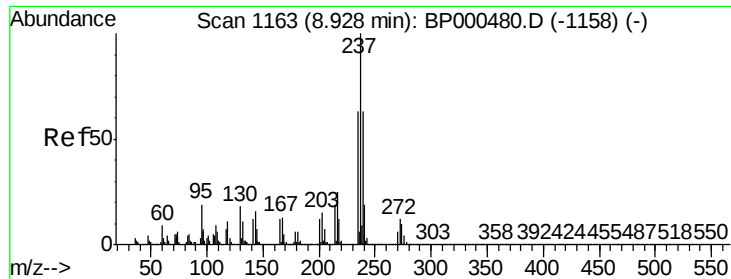
mohammad
10/22/2019 1:39:11 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.375 ng
RT: 8.91 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.9	94.3
179	20.7	16.8	25.2
108	16.3	13.7	20.5





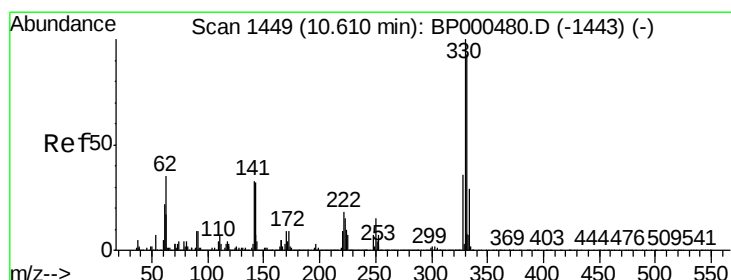
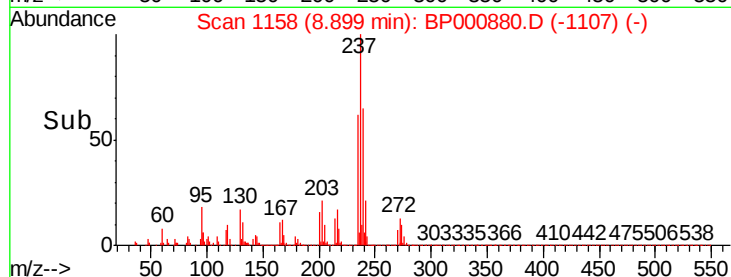
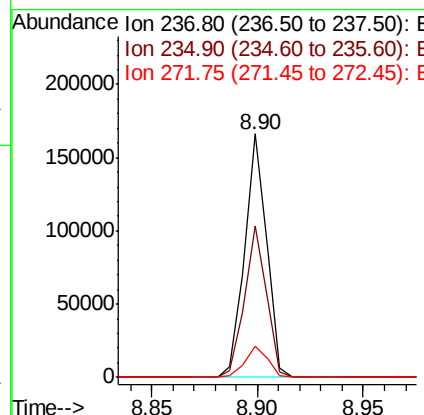
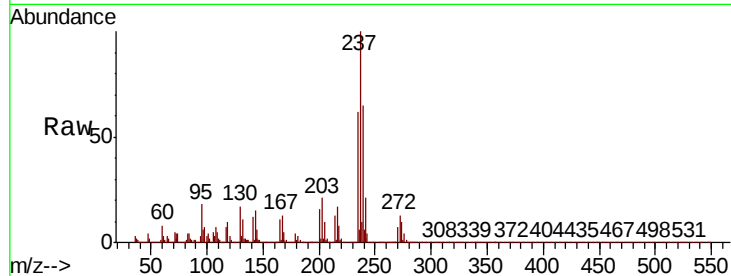
#41
Hexachlorocyclopentadiene
Concen: 33.781 ng
RT: 8.90 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.1	42.3	82.3	
272	12.9	0.0	33.6	

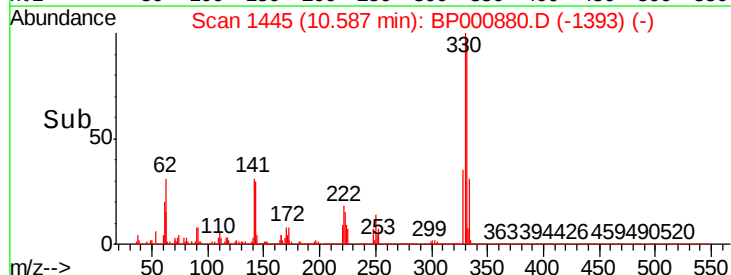
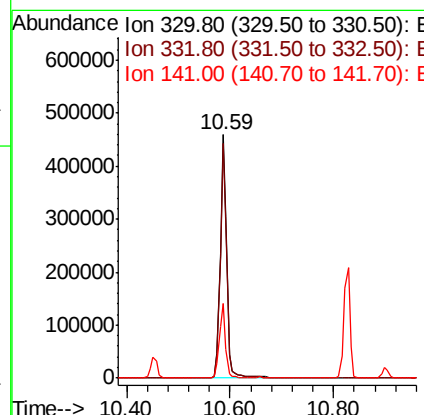
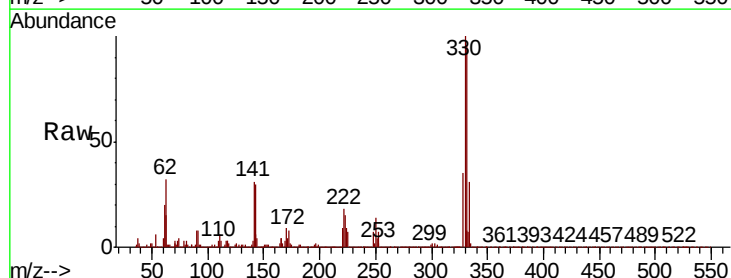
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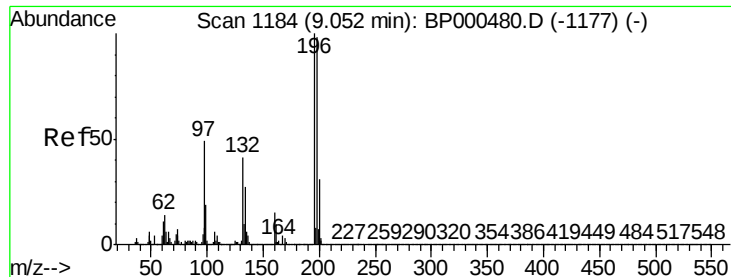
mohammad
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#42
2,4,6-Tribromophenol
Concen: 121.269 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	78.2	117.4	
141	29.3	23.7	35.5	





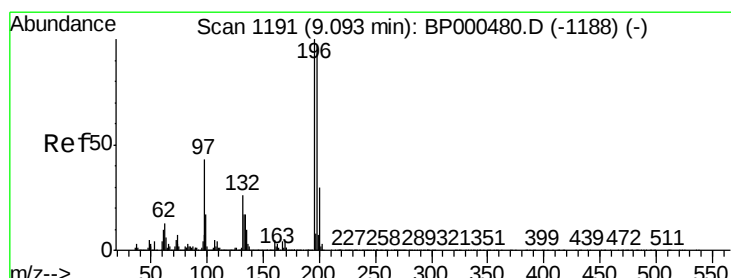
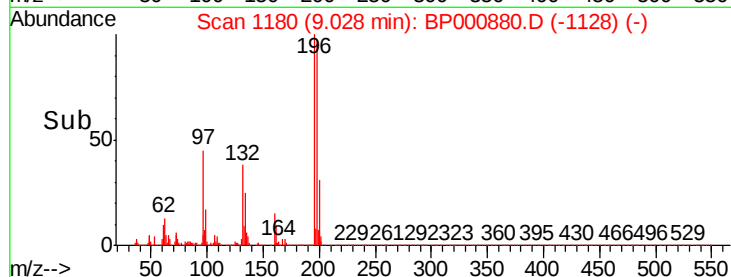
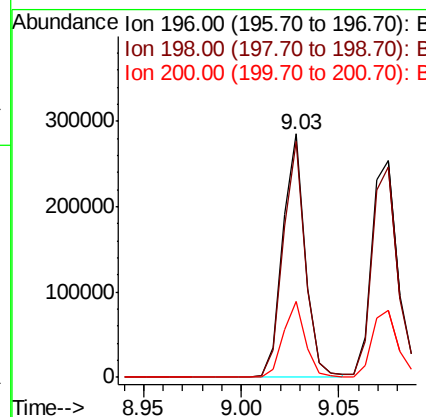
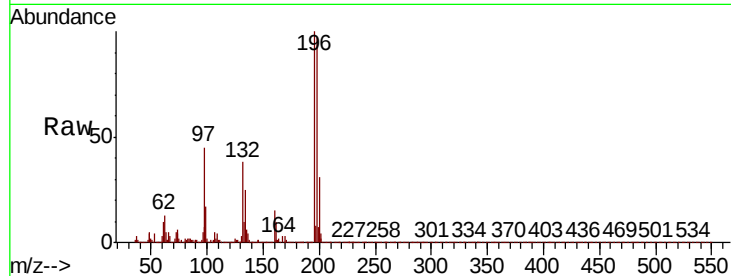
#43
2,4,6-Trichlorophenol
Concen: 36.278 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226848		
198	96.9	75.7	113.5	
200	31.2	24.4	36.6	

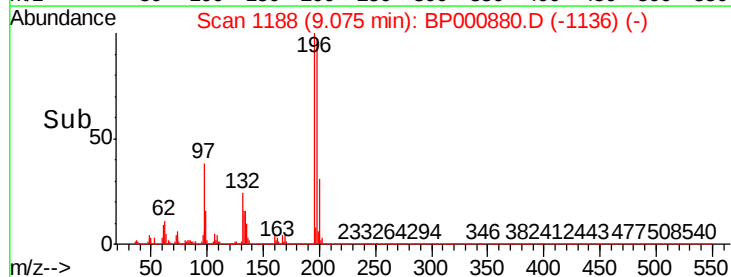
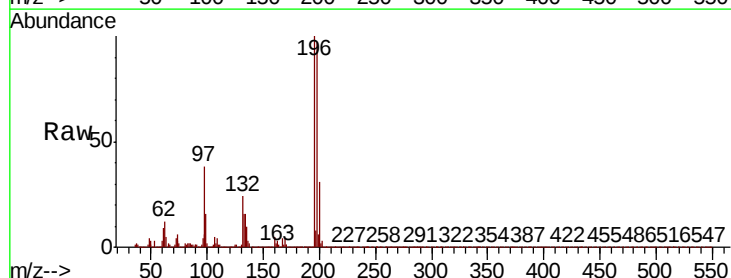
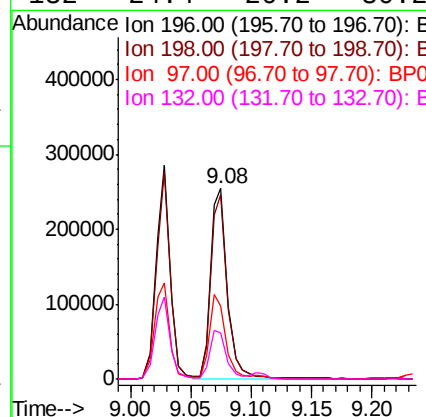
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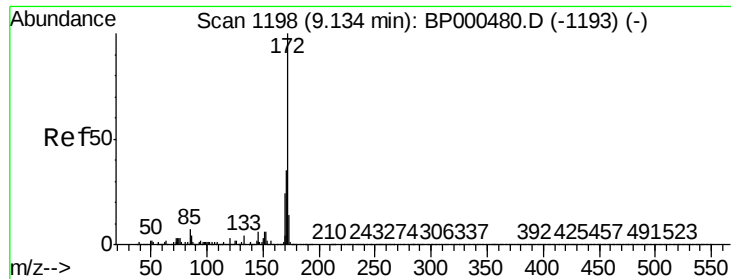
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 37.661 ng
RT: 9.08 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	243145		
198	96.7	77.2	115.8	
97	38.5	33.0	49.6	
132	24.4	20.2	30.2	





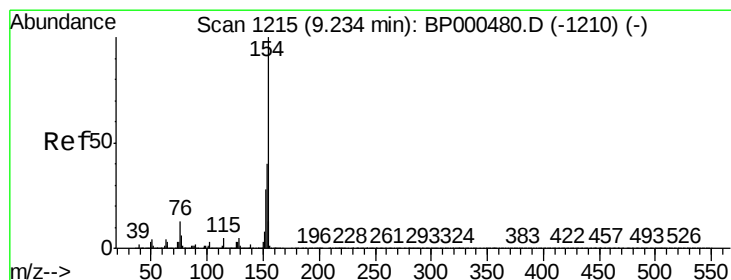
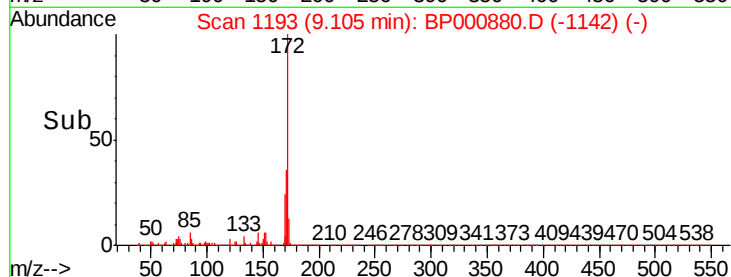
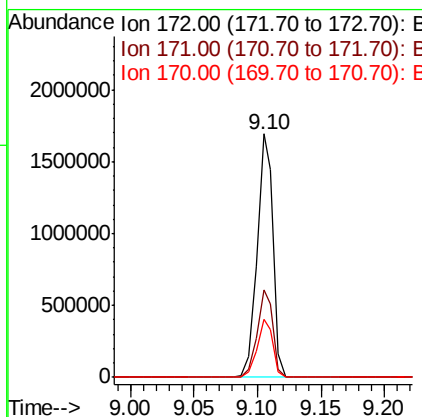
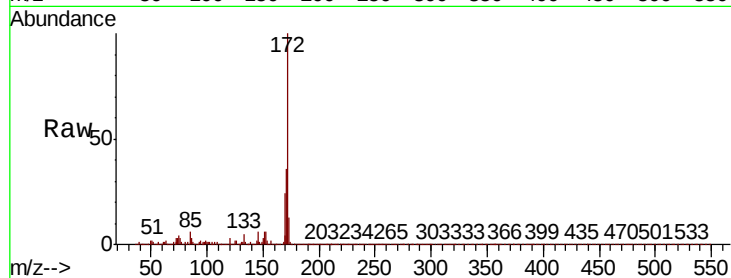
#45
2-Fluorobiphenyl
Concen: 75.282 ng
RT: 9.10 min Scan# 1193
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	23.9	19.3	28.9

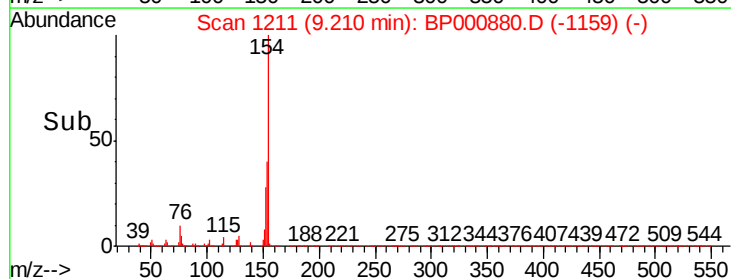
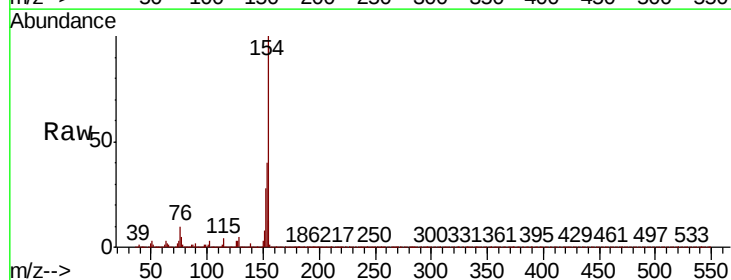
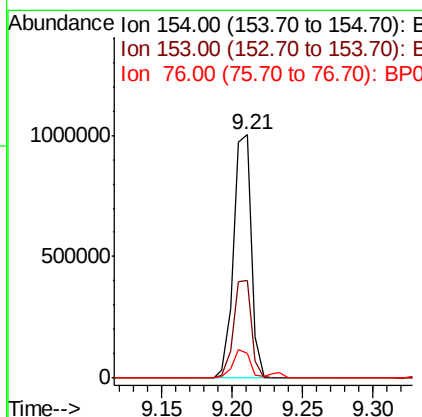
Manual Integrations
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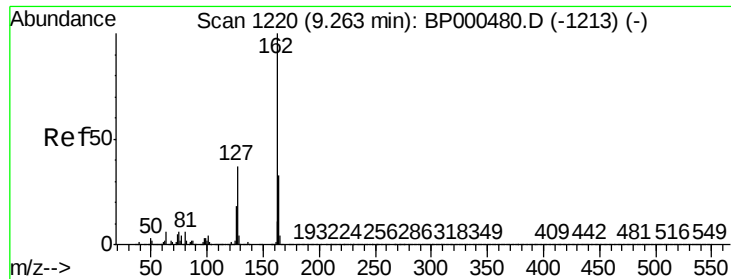
mohammad
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#46
1,1'-Biphenyl
Concen: 36.070 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.1	61.1
76	10.1	0.0	31.6





#47

2-Chloronaphthalene

Concen: 36.050 ng

RT: 9.23 min Scan# 1215

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

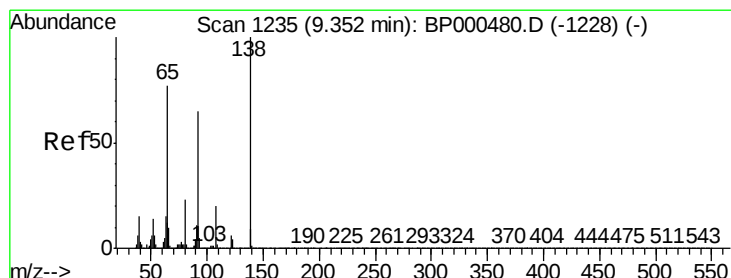
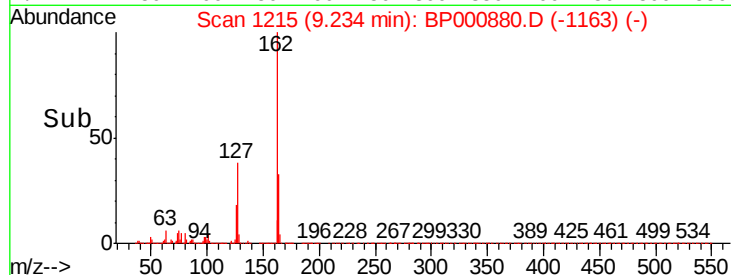
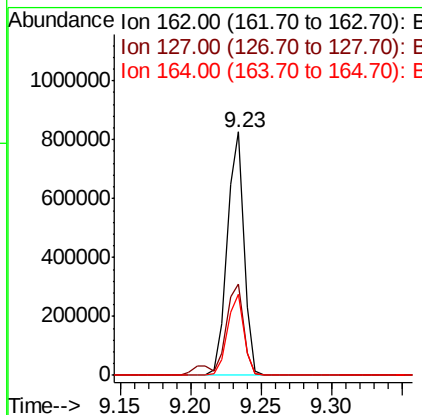
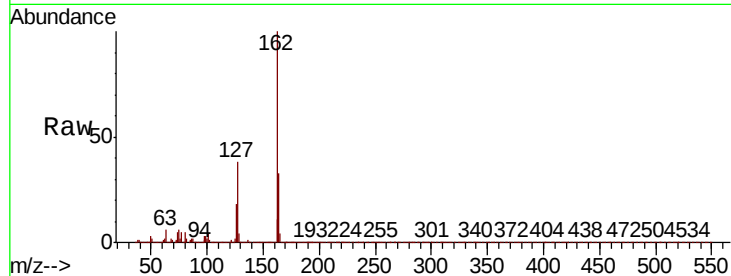
ClientSampleId :

RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.7	32.0	48.0
164	33.2	26.0	39.0

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#48

2-Nitroaniline

Concen: 34.246 ng

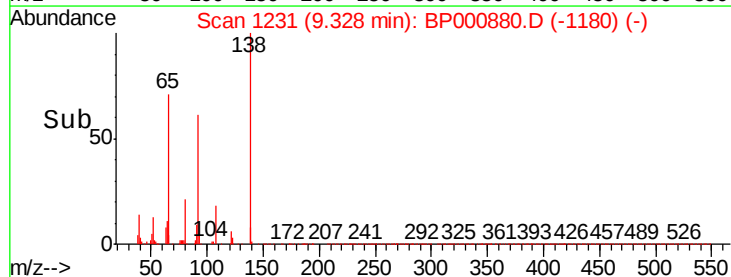
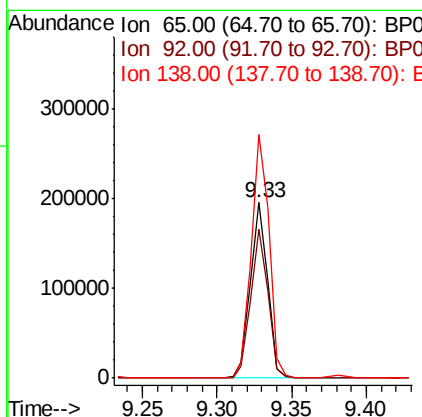
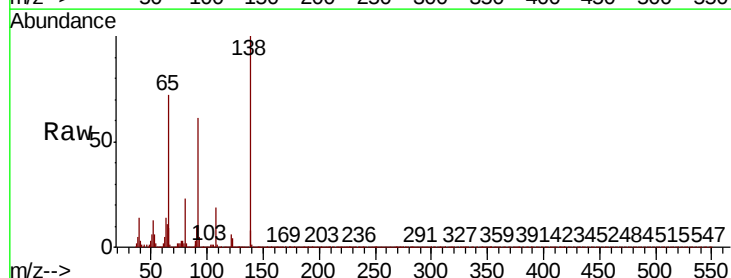
RT: 9.33 min Scan# 1231

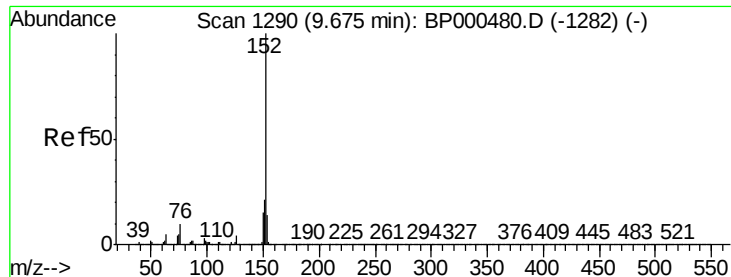
Delta R.T. 0.00 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	84.6	68.2	102.2
138	138.8	115.4	173.2





#49

Acenaphthylene

Concen: 37.965 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

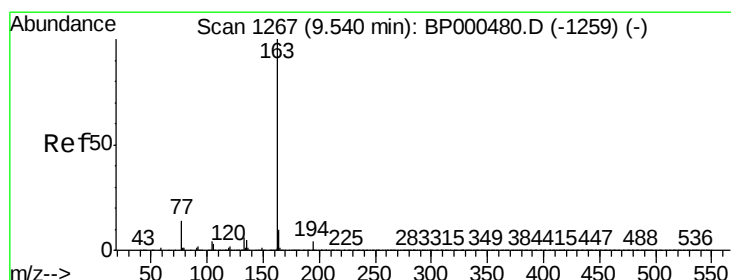
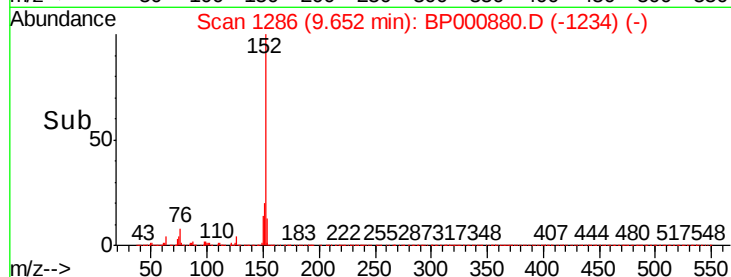
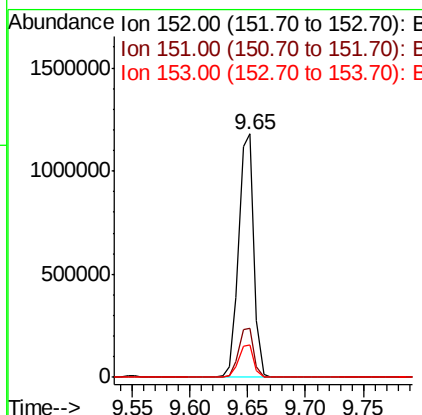
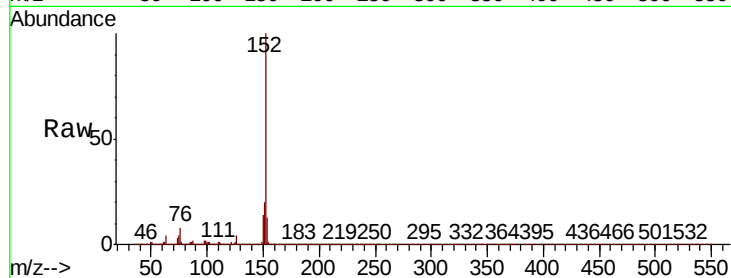
ClientSampleId :

RBR200031-RT4221MS

Tot Ion:	152	Resp:	1072945
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2
153	13.1	10.7	16.1

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#50

Dimethylphthalate

Concen: 48.099 ng

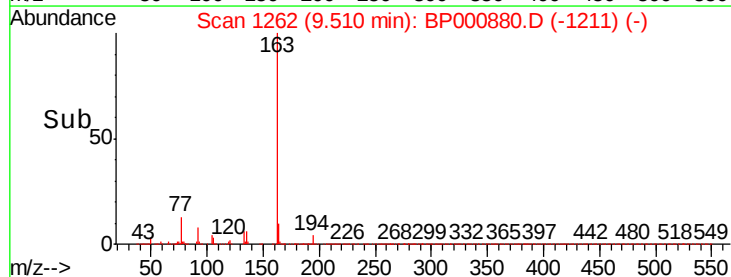
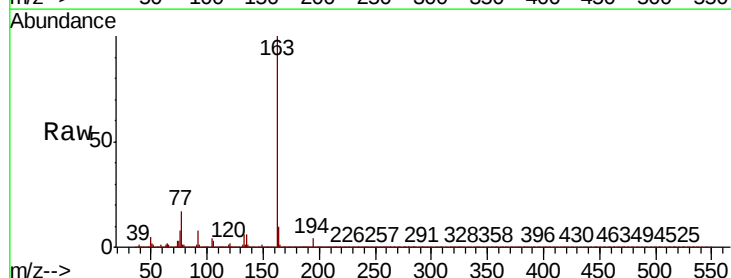
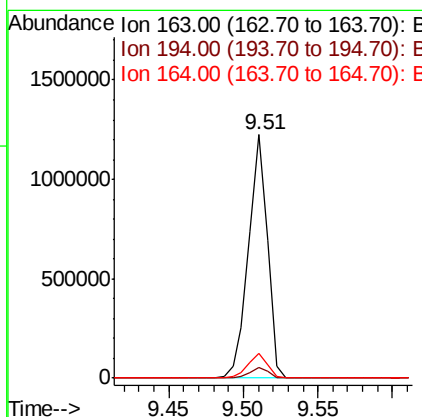
RT: 9.51 min Scan# 1262

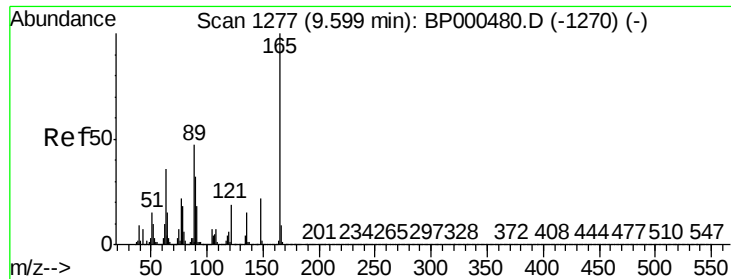
Delta R.T. 0.00 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion:	163	Resp:	1072616
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.3	8.3	12.5





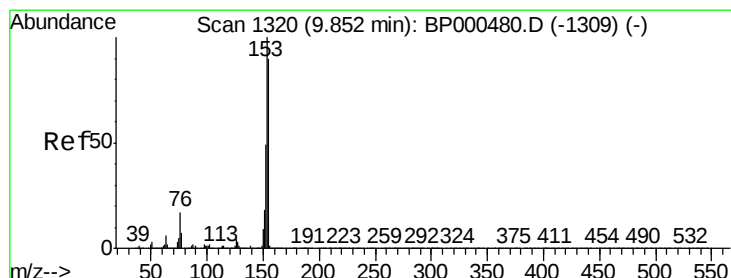
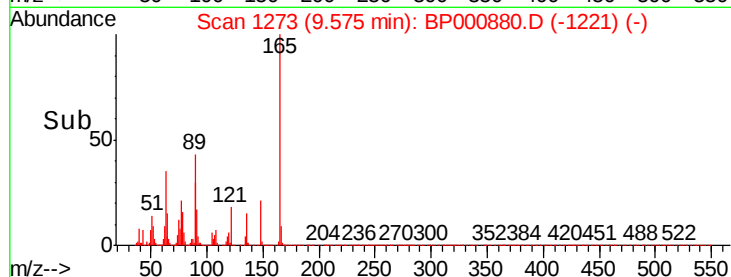
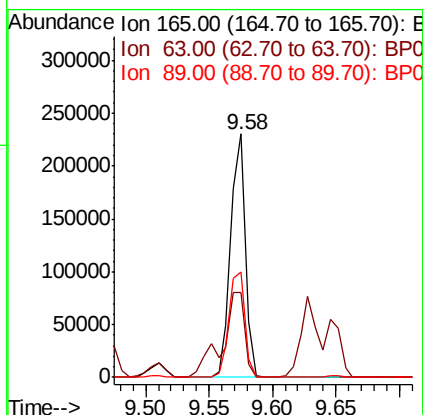
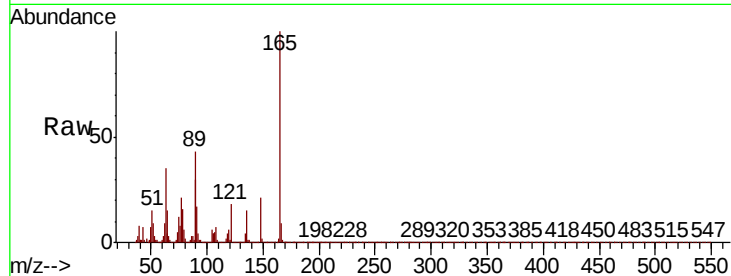
#51
2,6-Dinitrotoluene
Concen: 37.703 ng
RT: 9.58 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	183349		
63	34.7		33.6	50.4
89	43.2		40.8	61.2

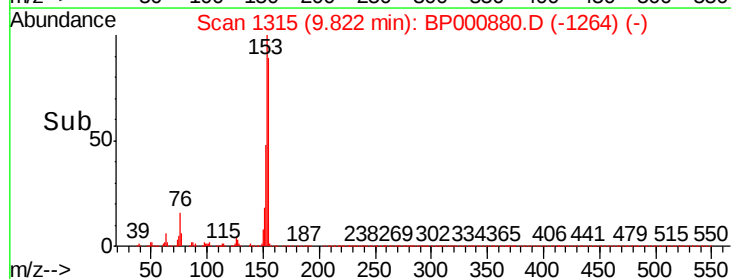
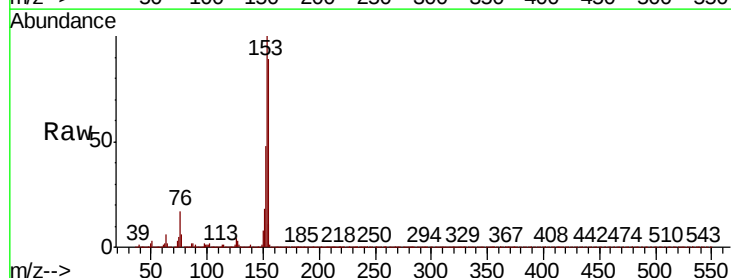
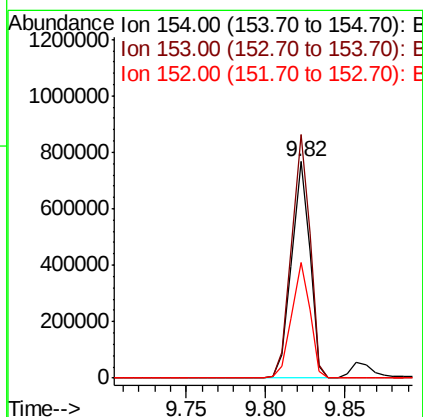
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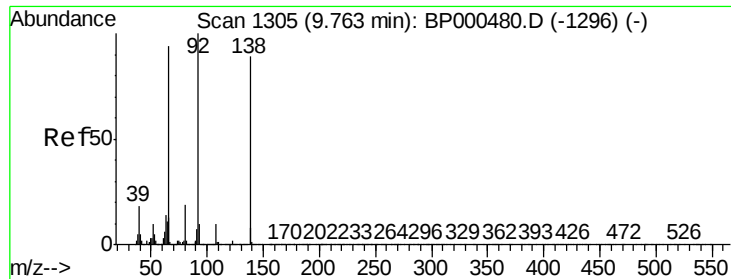
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#52
Acenaphthene
Concen: 35.994 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	617061		
153	112.4		90.4	135.6
152	53.6		42.5	63.7





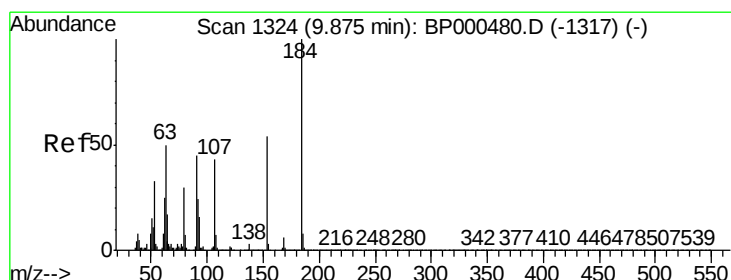
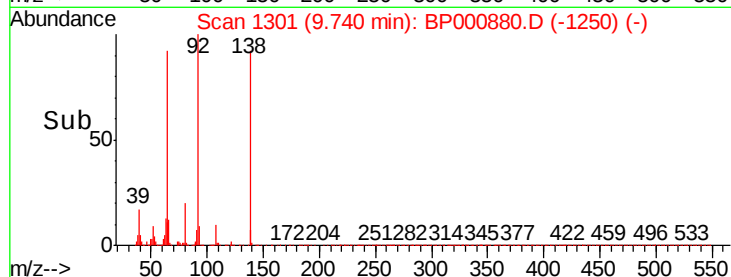
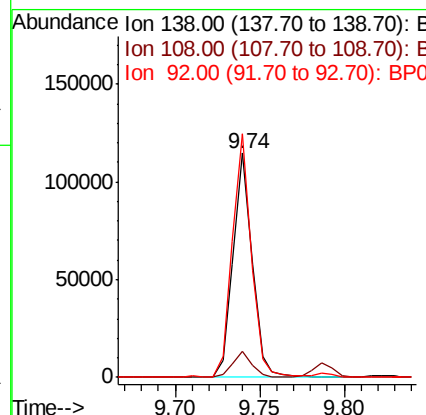
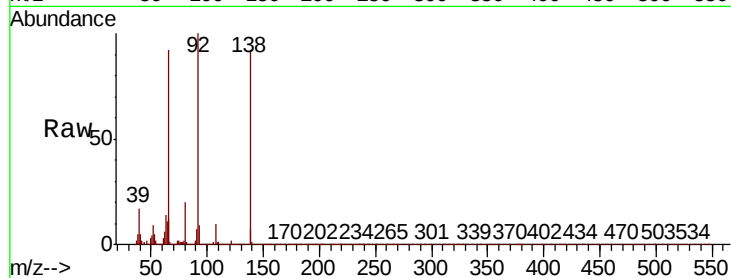
#53
3-Nitroaniline
Concen: 16.277 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.0	13.4
92	108.5	86.5	129.7

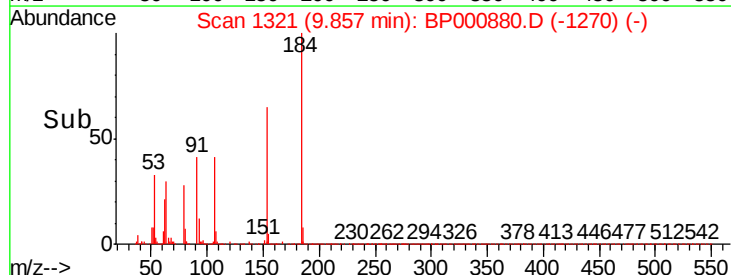
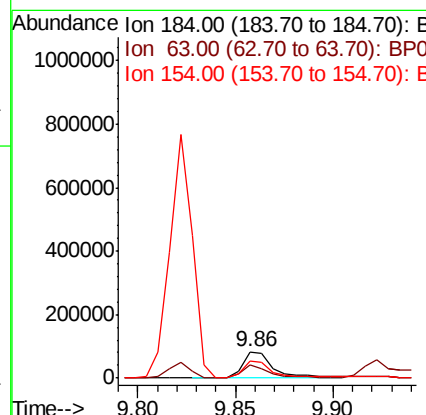
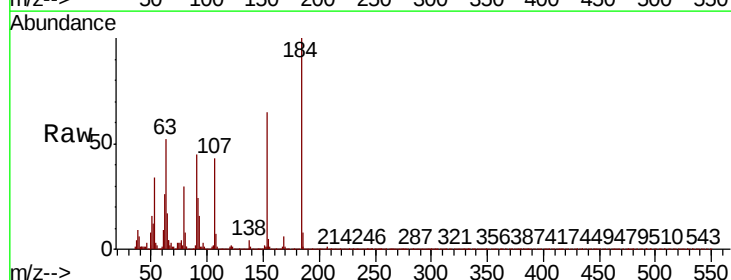
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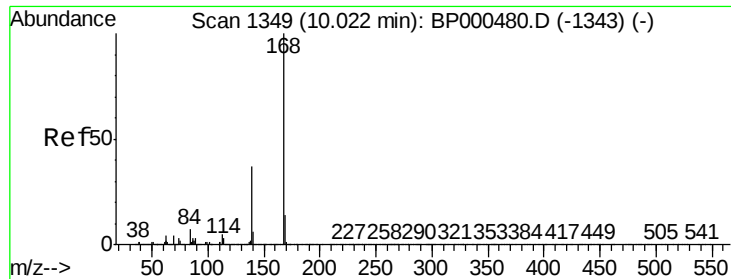
mohammad
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#54
2,4-Dinitrophenol
Concen: 56.168 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.1	35.4	53.2
154	65.2	49.0	73.4





#55

Dibenzofuran

Concen: 37.922 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

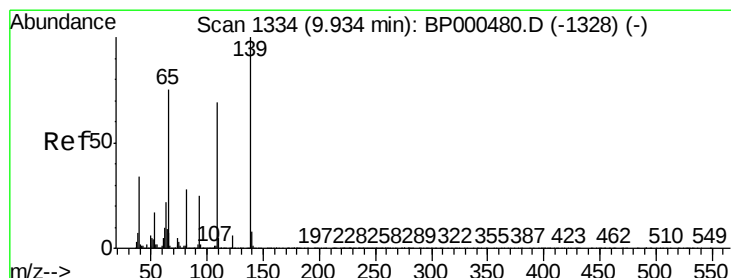
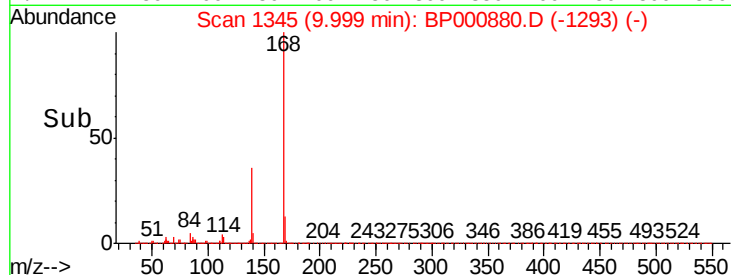
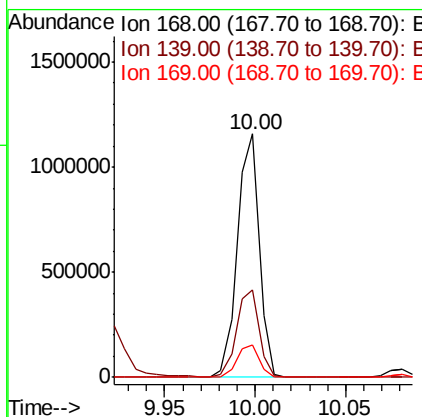
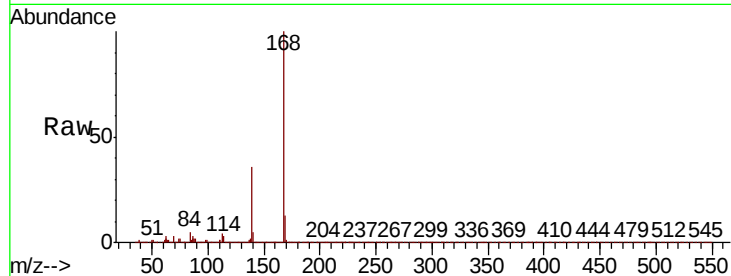
ClientSampleId :

RBR200031-RT4221MS

Tot Ion:	168	Resp:	971806
Ion Ratio	Lower	Upper	
168	100		
139	35.9	29.8	44.6
169	13.1	10.9	16.3

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#56

4-Nitrophenol

Concen: 62.278 ng

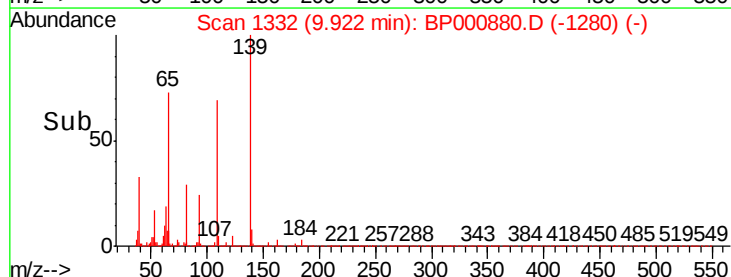
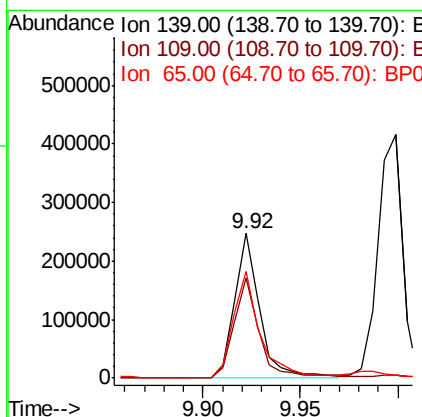
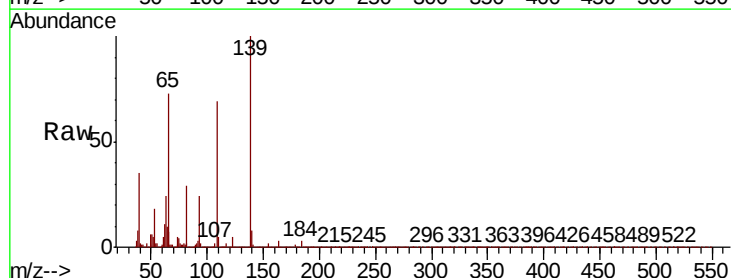
RT: 9.92 min Scan# 1332

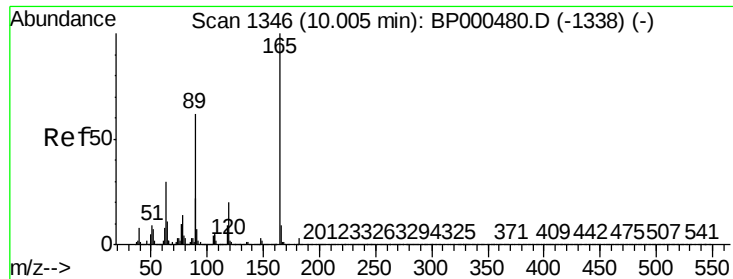
Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion:	139	Resp:	221556
Ion Ratio	Lower	Upper	
139	100		
109	69.5	48.4	88.4
65	73.4	52.6	92.6





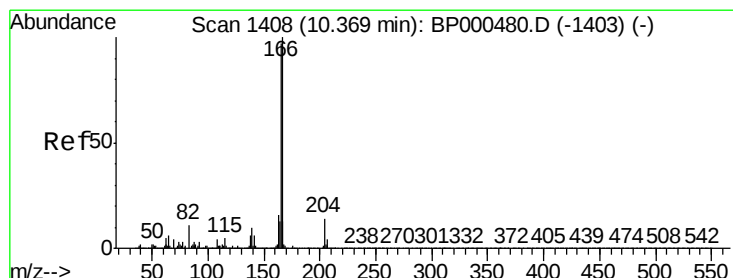
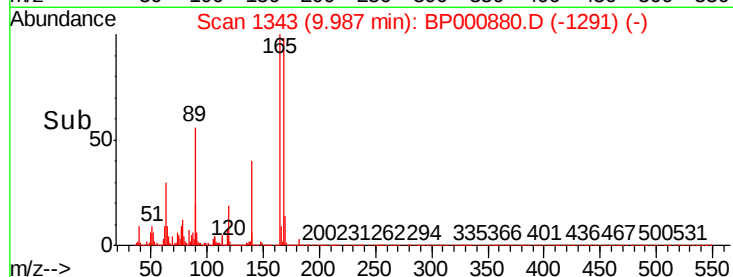
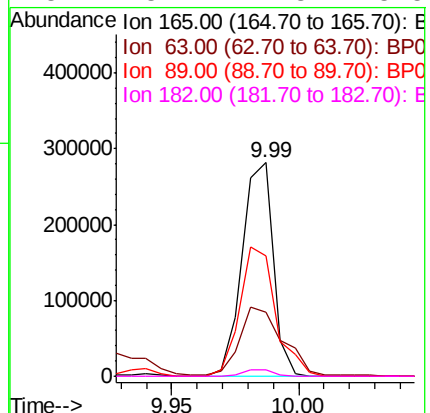
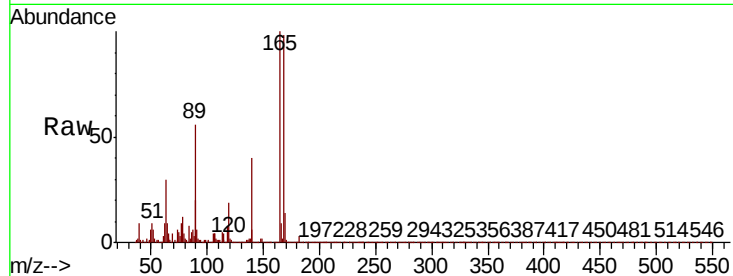
#57
2,4-Dinitrotoluene
Concen: 37.126 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	30.1	25.4	38.2	
89	56.1	49.2	73.8	
182	3.2	2.3	3.5	

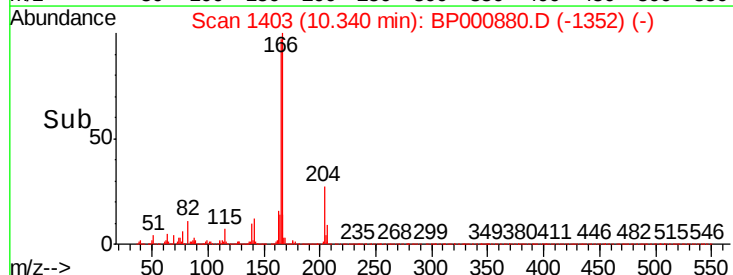
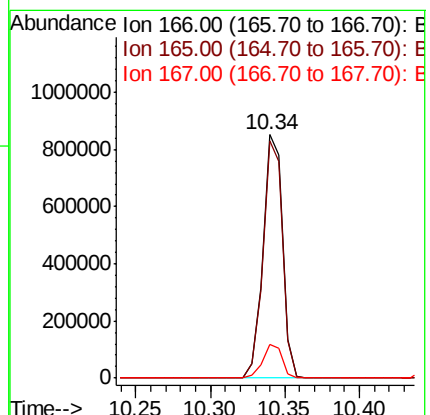
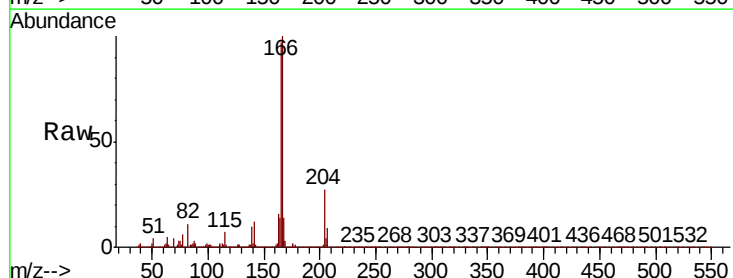
Manual Integrations
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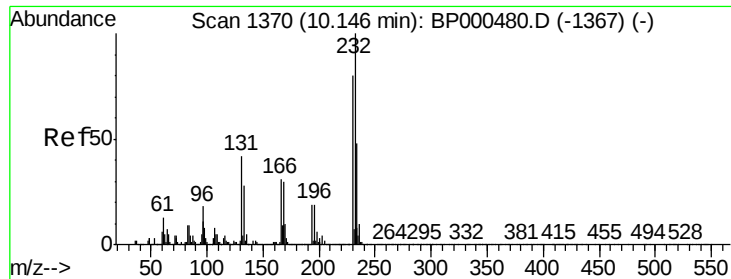
mohammad
10/22/2019 1:39:11 AM



#58
Fluorene
Concen: 41.389 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	78.4	117.6	
167	13.6	10.6	15.8	





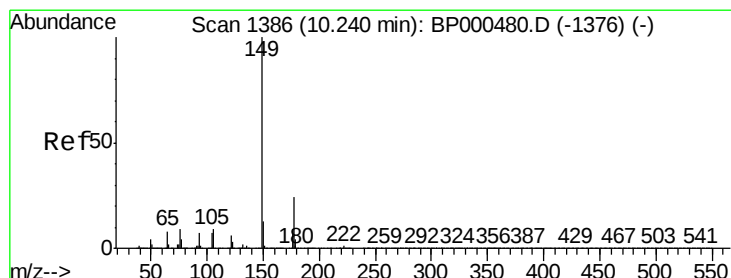
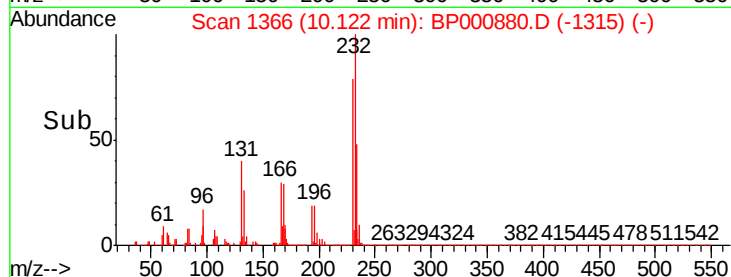
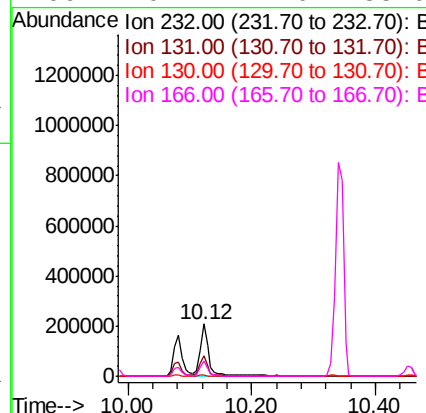
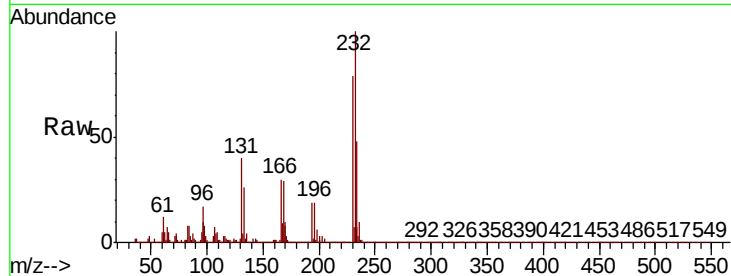
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.392 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.00 min
 Lab File: BP000880.D
 Acq: 18 Oct 2019 17:01

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		204073		
131	35.8	31.5	47.3		
130	2.0	1.6	2.4		
166	26.4	22.0	33.0		

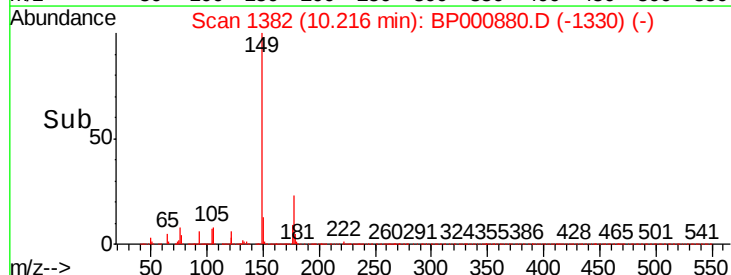
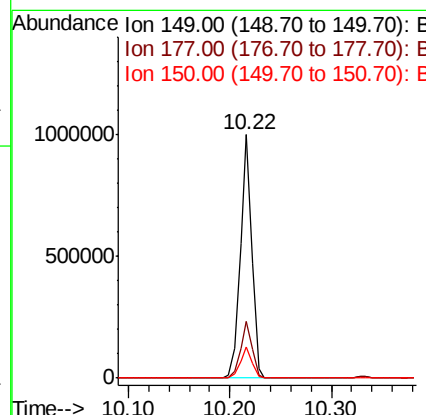
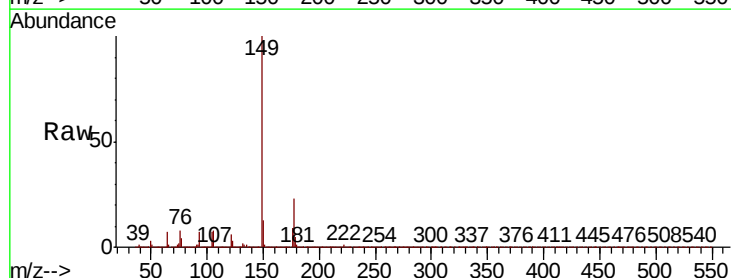
Manual Integrations
 APPROVED

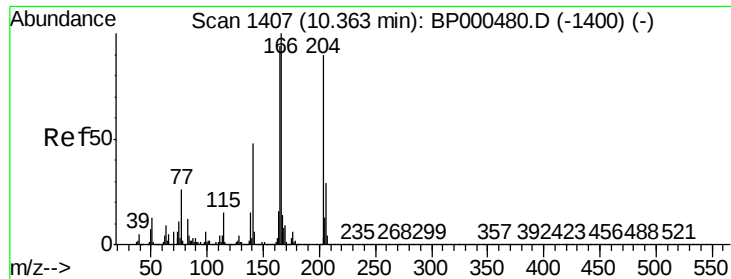
mohammad
 10/22/2019 1:39:11 AM



#60
 Diethylphthalate
 Concen: 36.705 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BP000880.D
 Acq: 18 Oct 2019 17:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		777011		
177	23.4	17.8	26.8		
150	12.8	10.2	15.4		





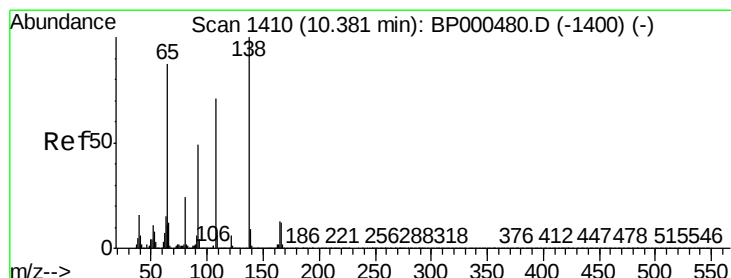
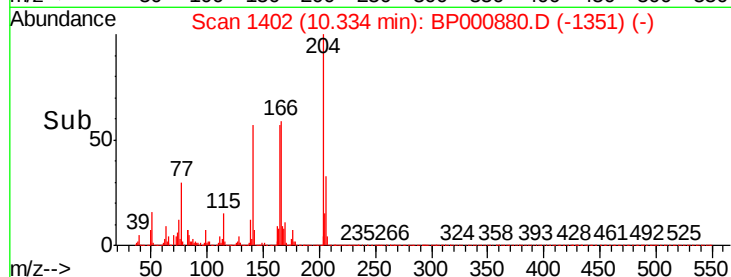
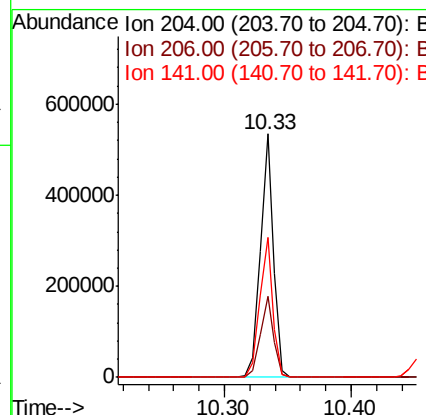
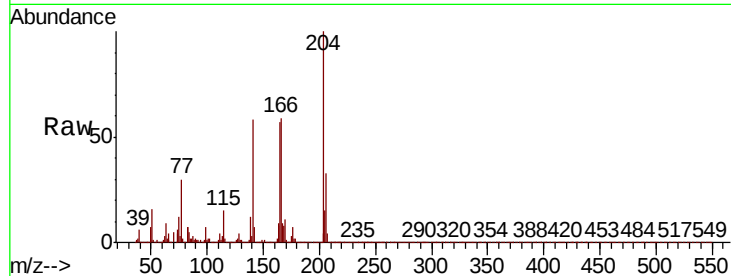
#61
4-Chlorophenyl-phenylether
Concen: 39.735 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.3	40.9
141	57.5	41.7	62.5

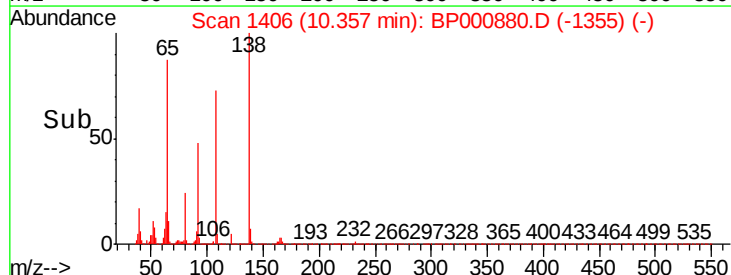
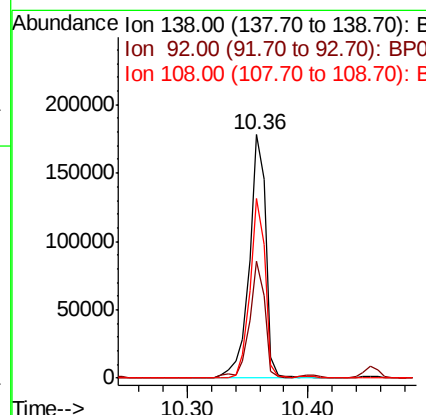
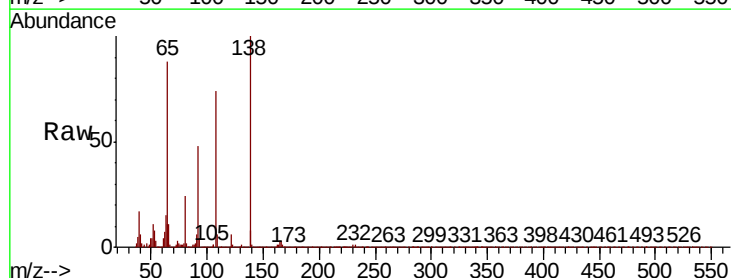
Manual Integrations
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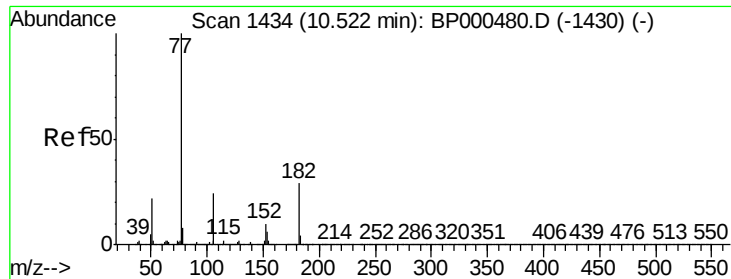
mohammad
10/22/2019 1:39:11 AM



#62
4-Nitroaniline
Concen: 31.557 ng
RT: 10.36 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	26.9	66.9
108	73.6	53.3	93.3





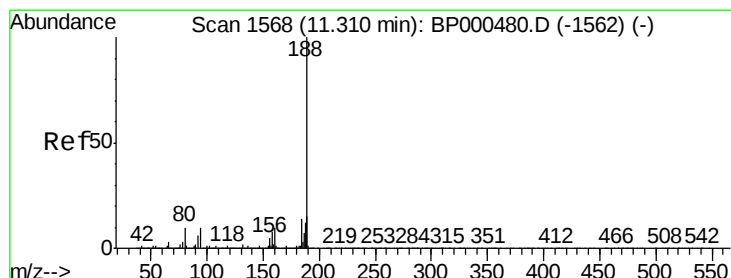
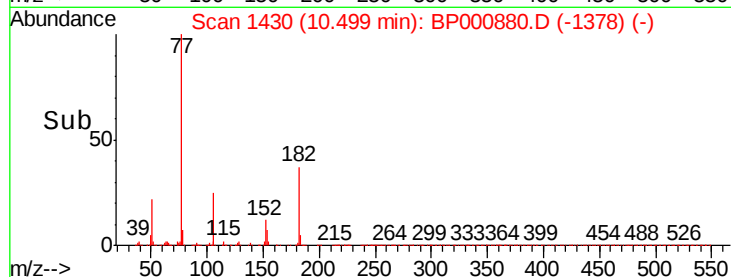
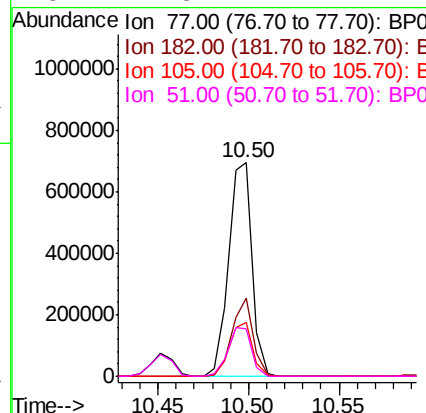
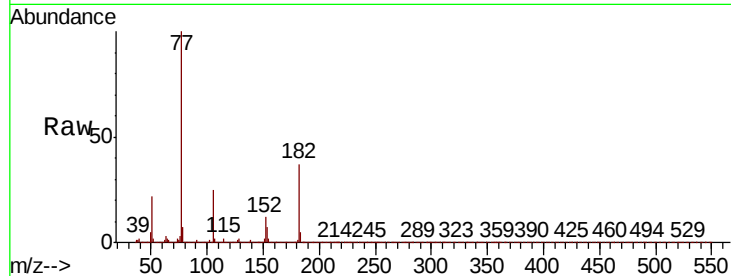
#63
Azobenzene
Concen: 38.254 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	36.8	11.8	51.8	
105	25.4	4.3	44.3	
51	22.3	2.7	42.7	

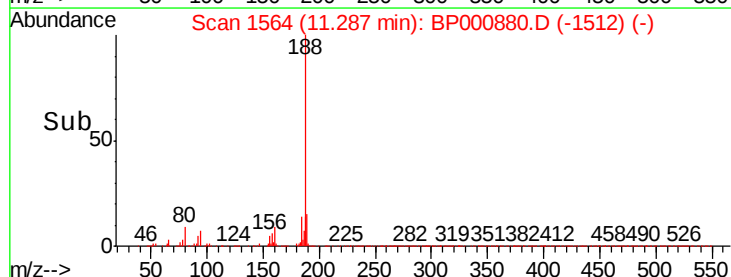
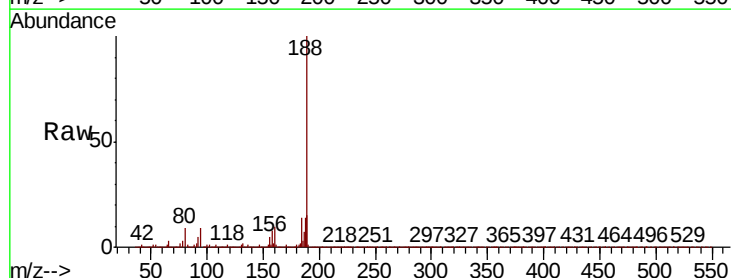
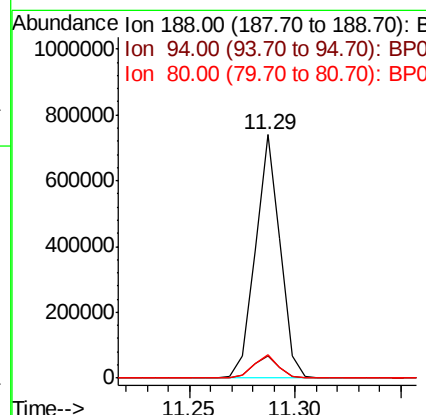
Manual Integrations
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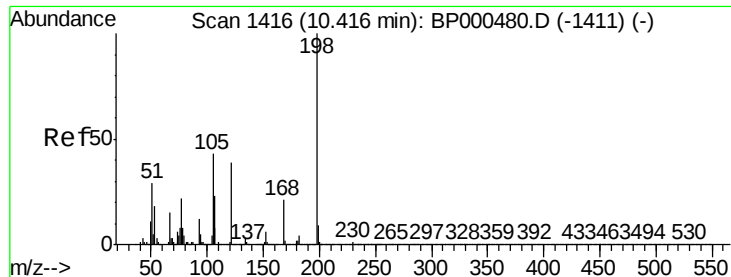
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	8.0	12.0	
80	9.4	8.2	12.4	





#65

4,6-Dinitro-2-methylphenol

Concen: 32.221 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

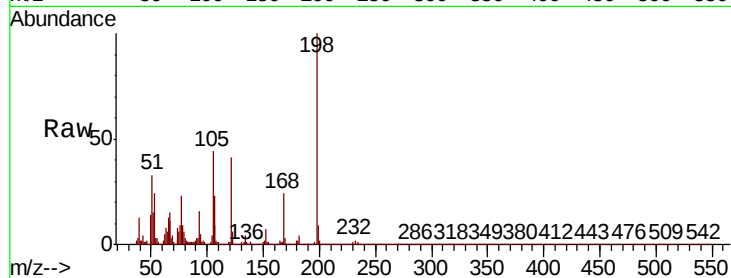
ClientSampleId :

RBR200031-RT4221MS

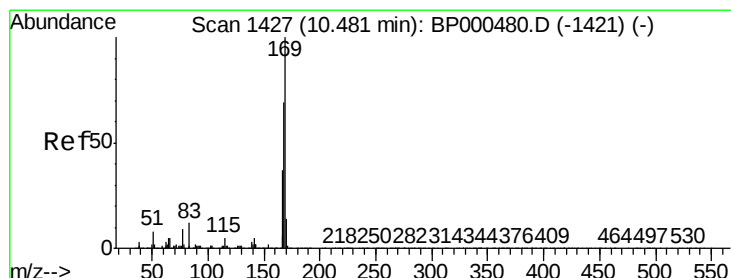
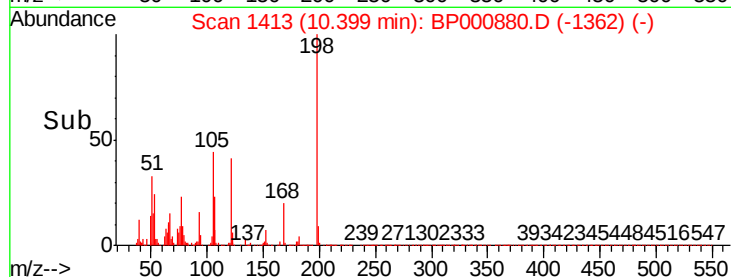
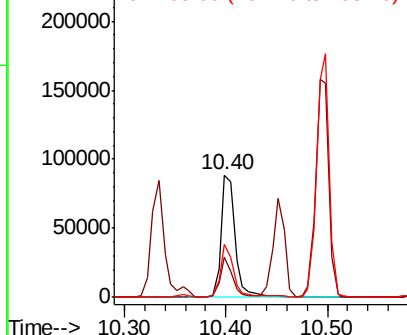
Tot Ion:	198	Resp:	85549
Ion Ratio	Lower	Upper	
198	100		
51	32.5	7.3	47.3
105	43.6	18.4	58.4

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.431 ng

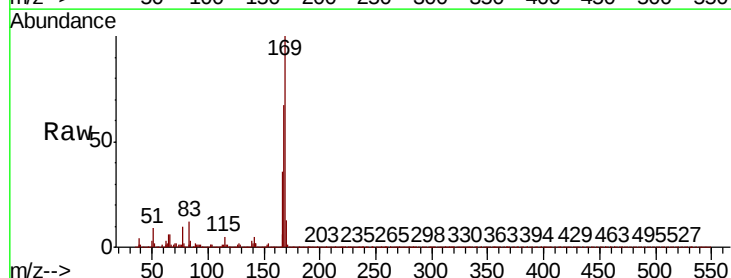
RT: 10.45 min Scan# 1422

Delta R.T. 0.00 min

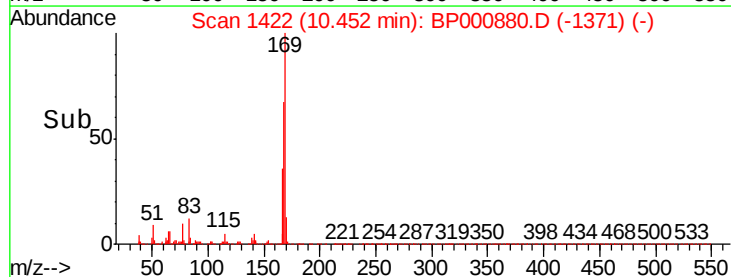
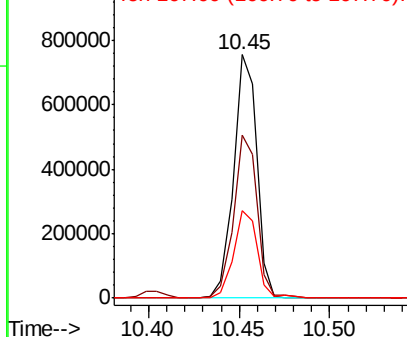
Lab File: BP000880.D

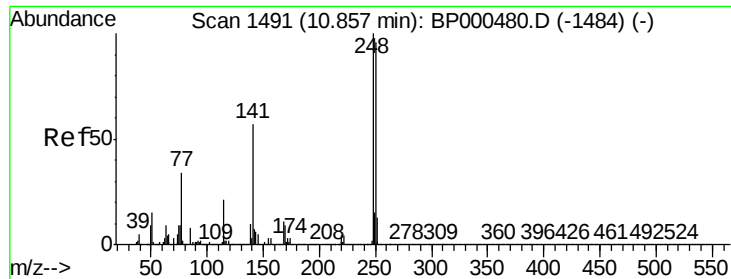
Acq: 18 Oct 2019 17:01

Tgt Ion:	169	Resp:	670397
Ion Ratio	Lower	Upper	
169	100		
168	67.1	53.0	79.4
167	36.0	28.6	43.0



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





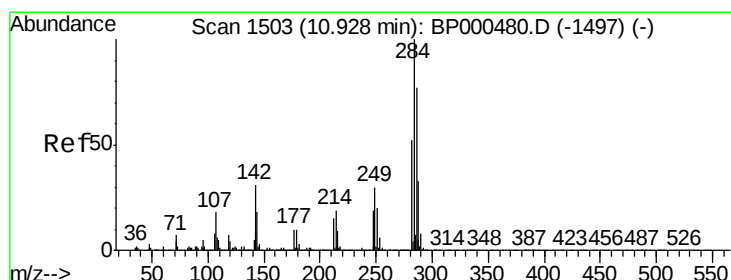
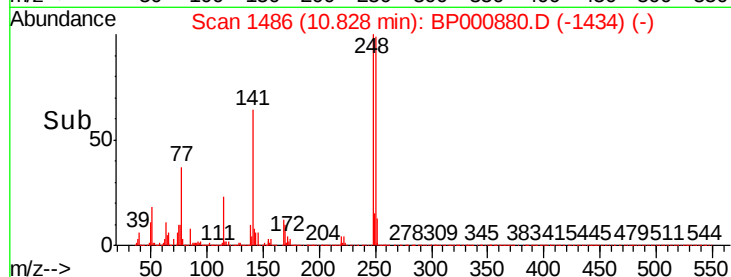
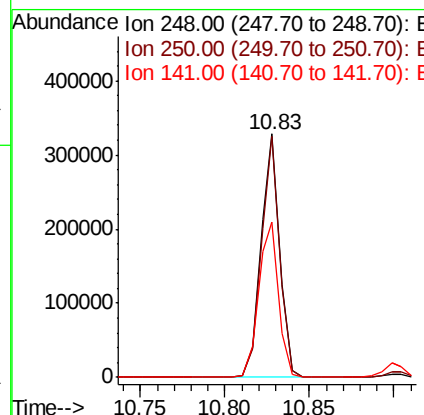
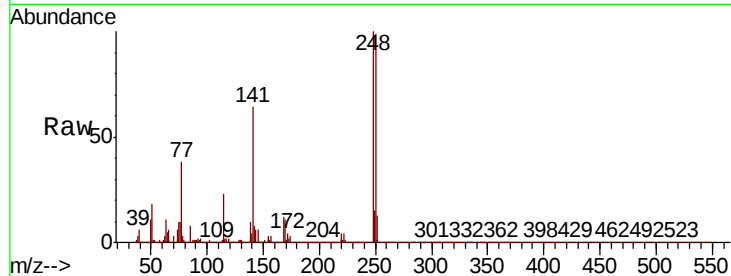
#67
4-Bromophenyl-phenylether
Concen: 37.691 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.7	116.5
141	63.8	57.4	86.0

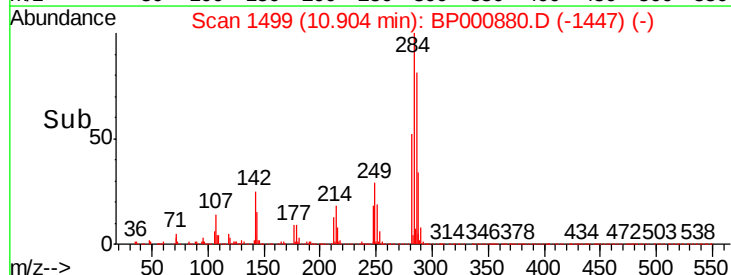
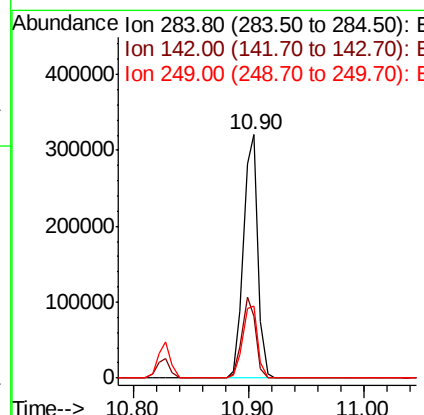
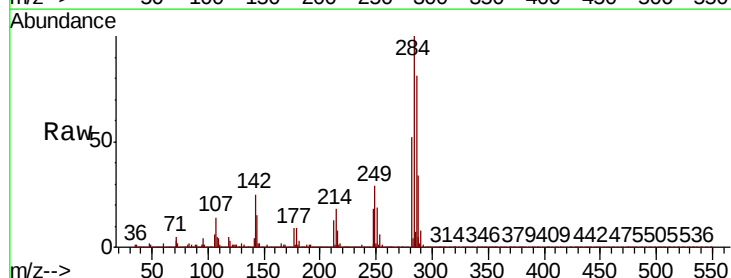
Manual Integrations
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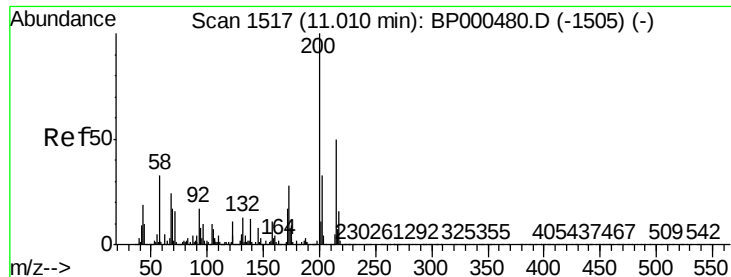
mohammad
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#68
Hexachlorobenzene
Concen: 36.019 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.3	26.2	39.4#
249	29.4	25.8	38.8





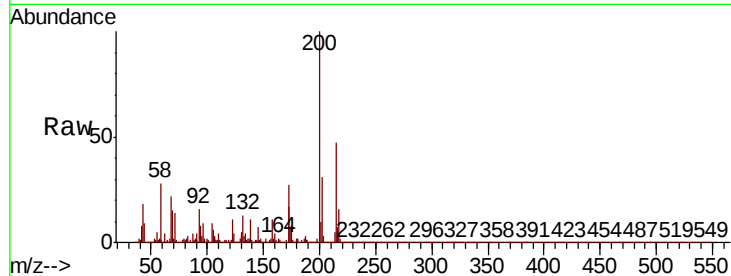
#69
Atrazine
Concen: 36.989 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.8	7.0	47.0
215	47.3	29.2	69.2

Manual Integrations
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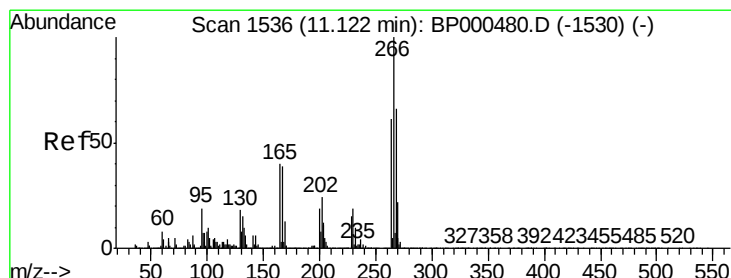
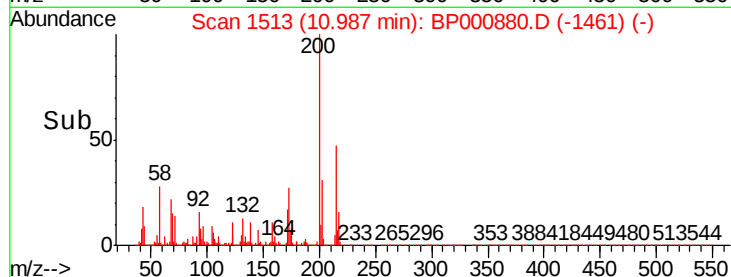
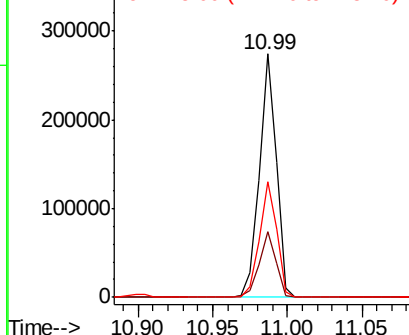


Abundance

Ion 200.00 (199.70 to 200.70): E

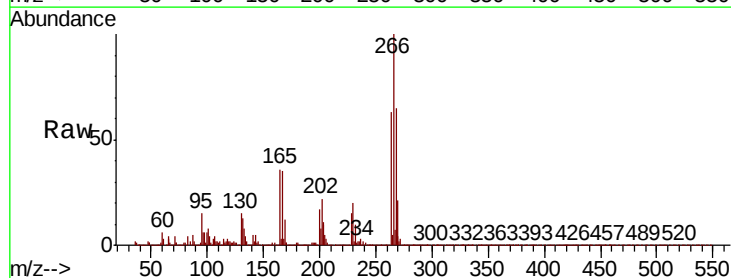
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 66.532 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.9	77.9
264	63.3	51.4	77.2

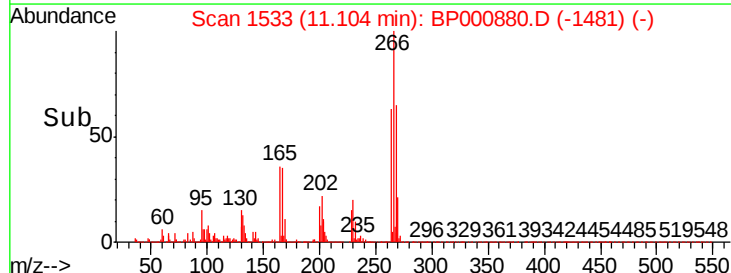
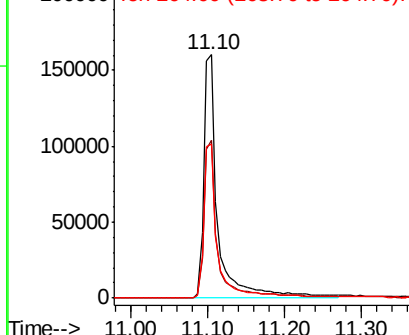


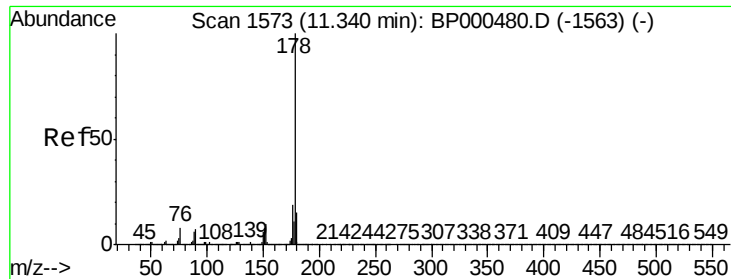
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





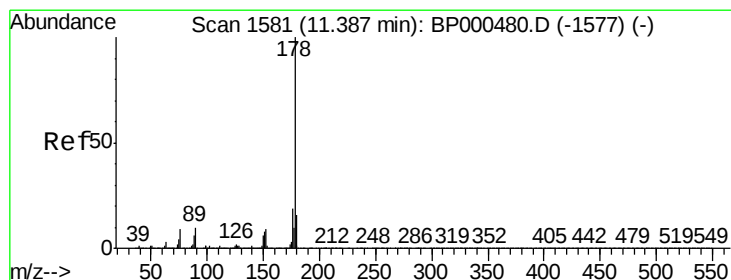
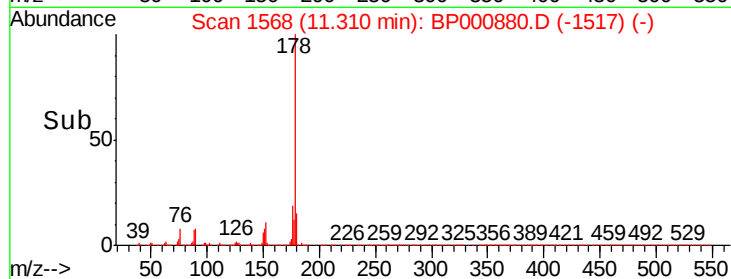
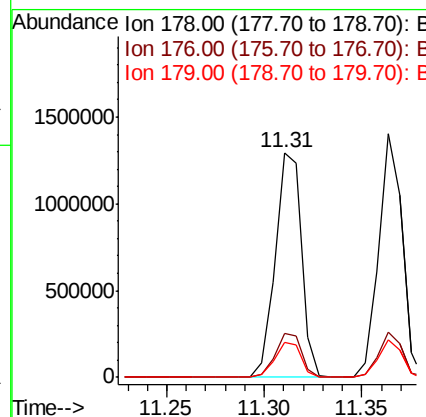
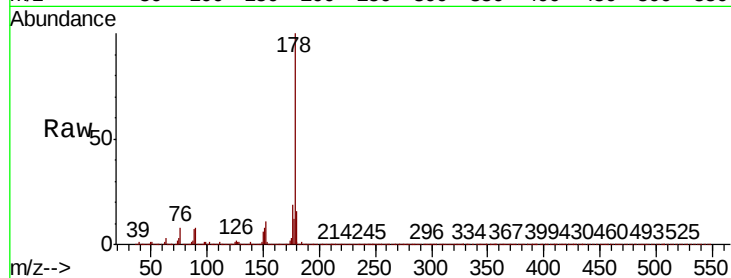
#71
Phenanthrene
Concen: 39.970 ng
RT: 11.31 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.7	23.5
179	15.7	12.5	18.7

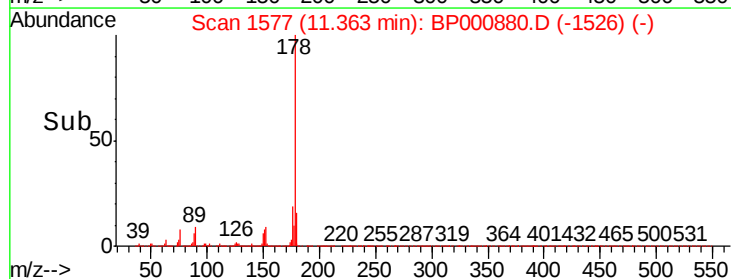
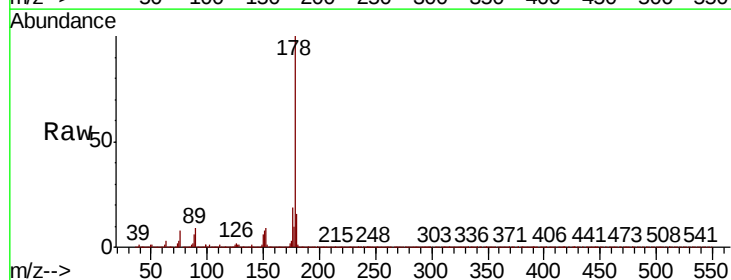
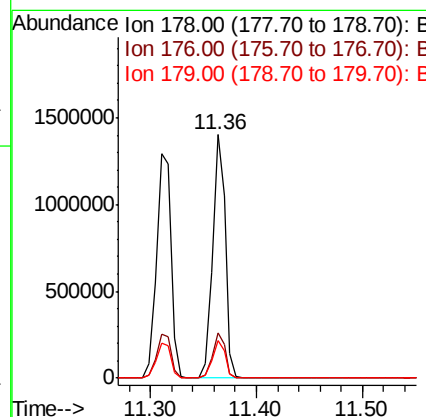
Manual Integrations
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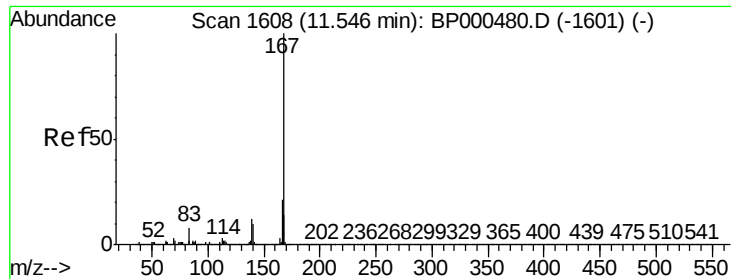
mohammad
10/22/2019 1:39:11 AM



#72
Anthracene
Concen: 39.218 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.8	22.2
179	15.6	12.3	18.5





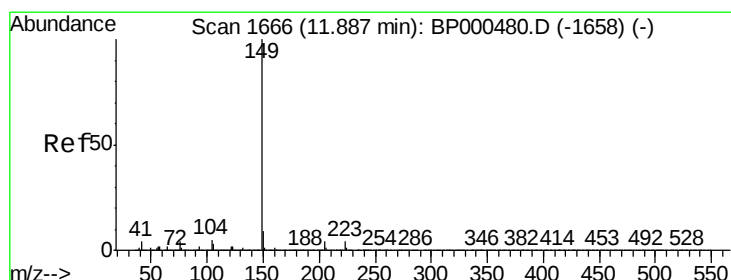
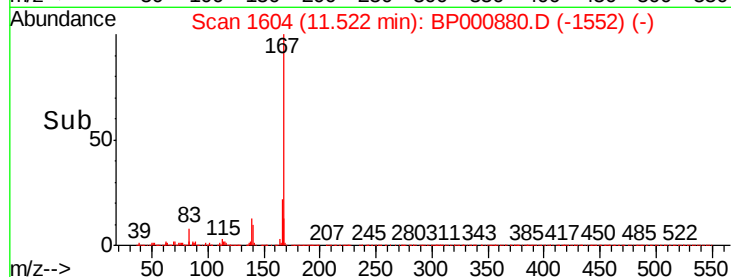
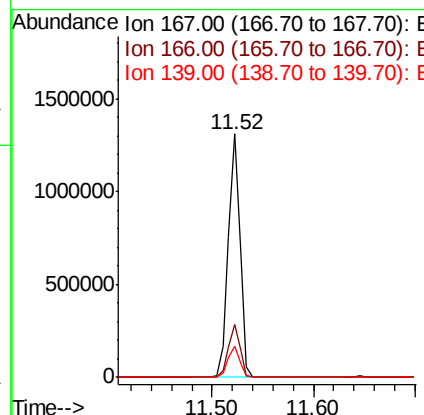
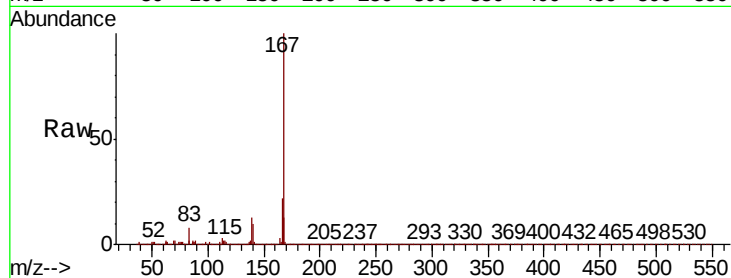
#73
 Carbazole
 Concen: 37.835 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. 0.01 min
 Lab File: BP000880.D
 Acq: 18 Oct 2019 17:01

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MS

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	21.7	17.4	26.2	
139	12.7	10.5	15.7	

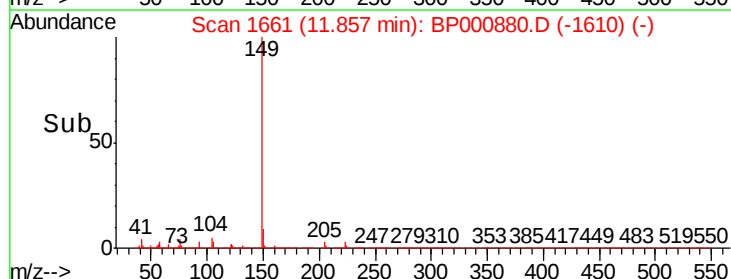
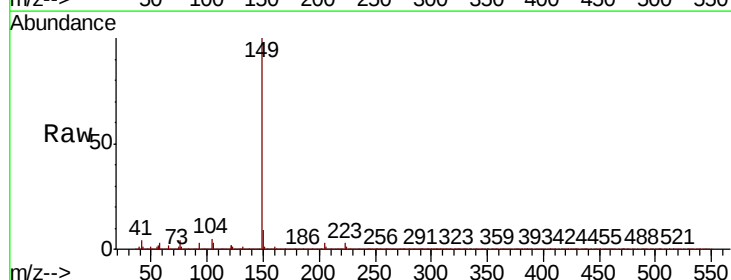
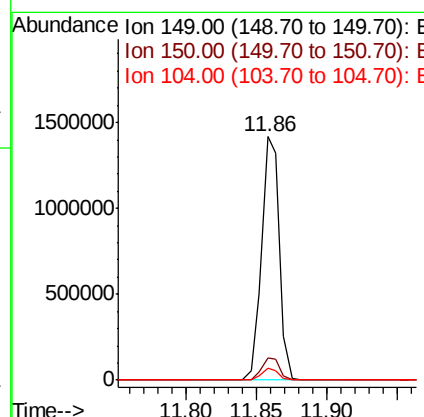
Manual Integrations
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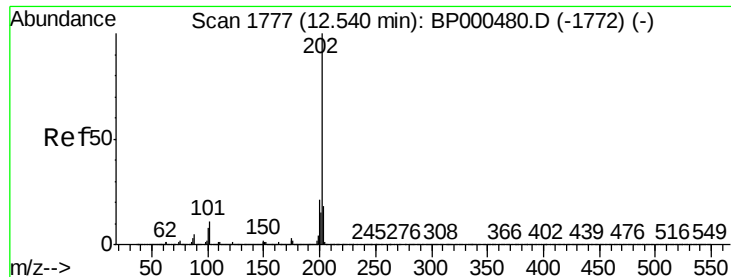
mohammad
 10/22/2019 1:39:11 AM



#74
 Di-n-butylphthalate
 Concen: 37.492 ng
 RT: 11.86 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BP000880.D
 Acq: 18 Oct 2019 17:01

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.3	7.5	11.3	
104	4.8	3.6	5.4	





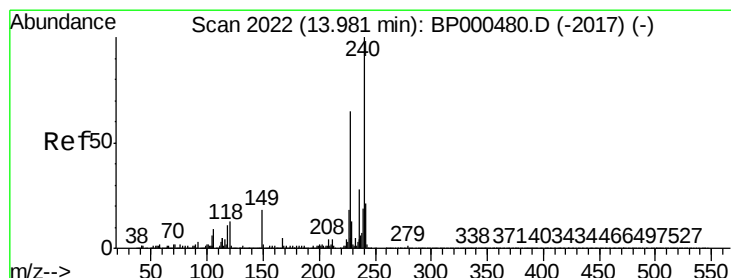
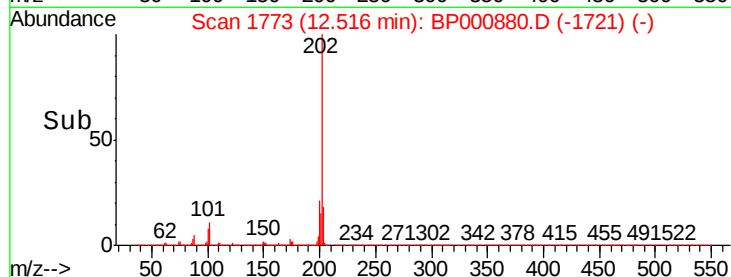
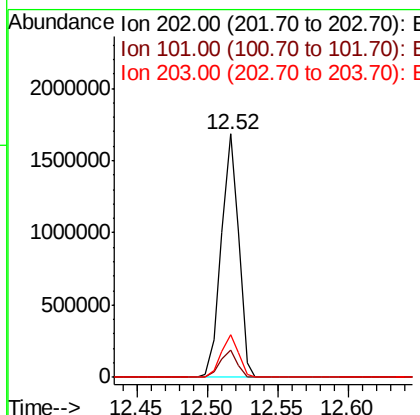
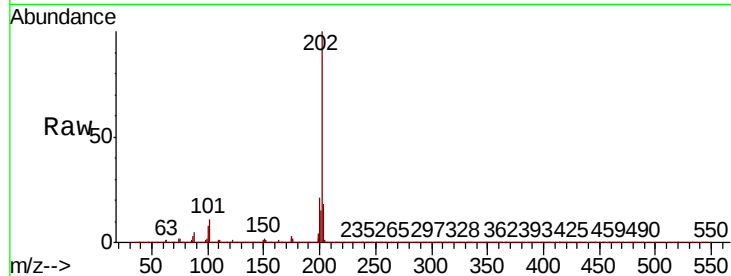
#75
Fluoranthene
Concen: 42.894 ng
RT: 12.52 min Scan# 1773
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1449124		
101	11.2	0.0	31.6	
203	17.6	0.0	38.0	

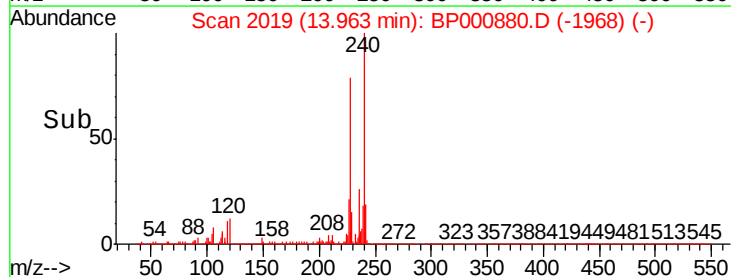
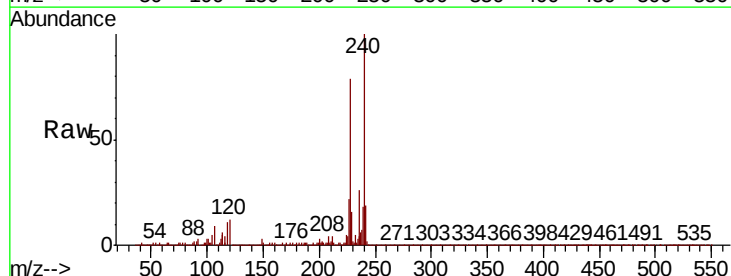
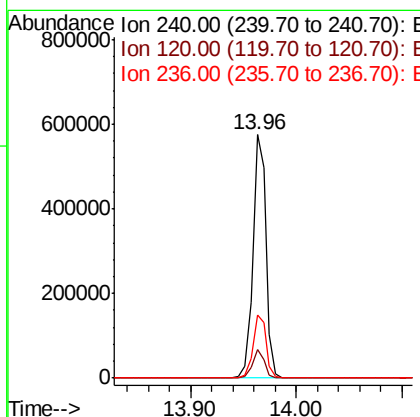
Manual Integrations
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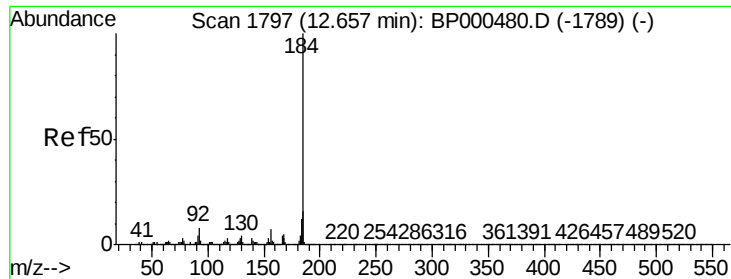
mohammad
10/22/2019 1:39:11 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	495658		
120	11.7	7.3	10.9#	
236	26.0	21.2	31.8	





#77

Benzidine

Concen: 41.141 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

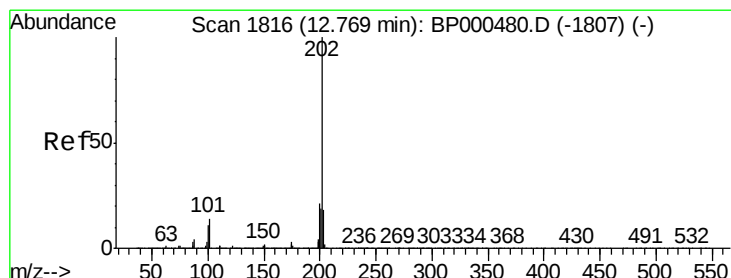
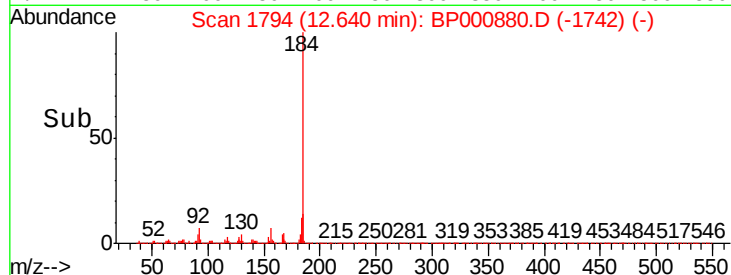
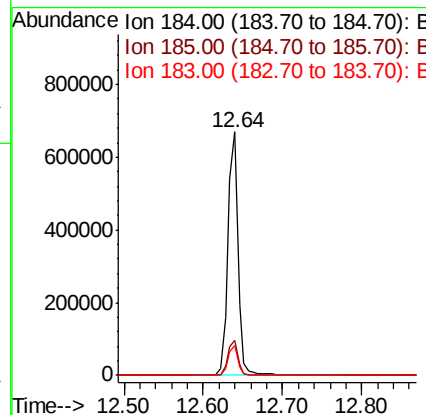
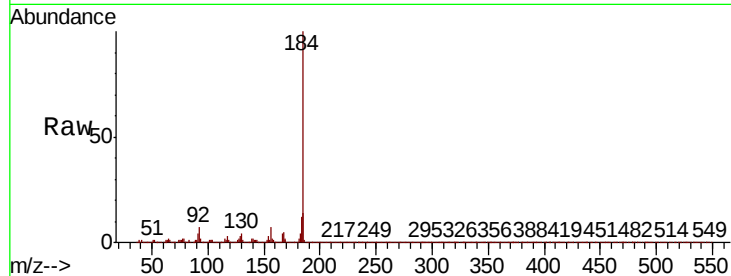
ClientSampleId :

RBR200031-RT4221MS

Tot Ion:	184	Resp:	590499
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.2	18.2
183	12.2	9.8	14.8

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#78

Pyrene

Concen: 42.064 ng

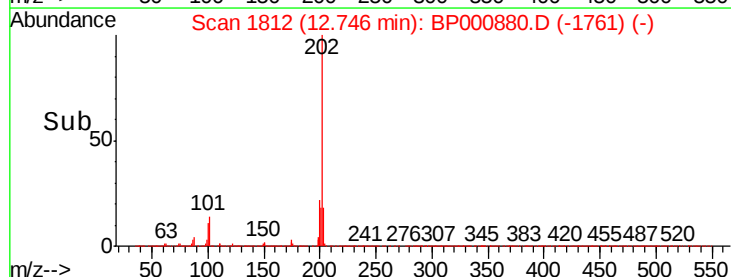
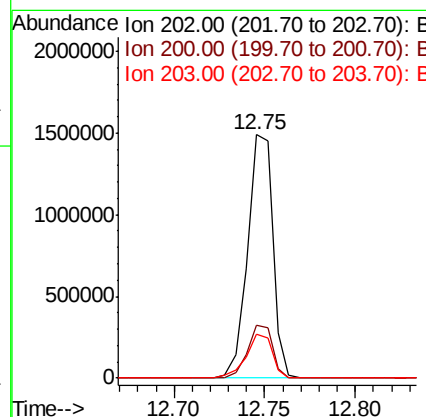
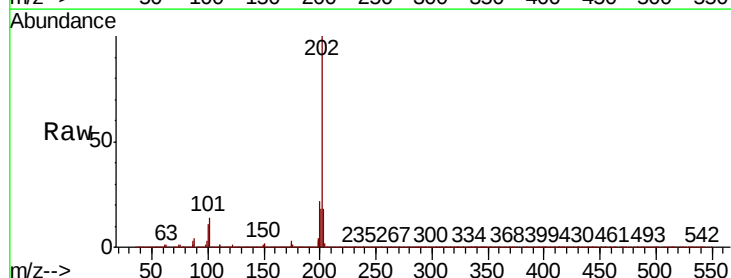
RT: 12.75 min Scan# 1812

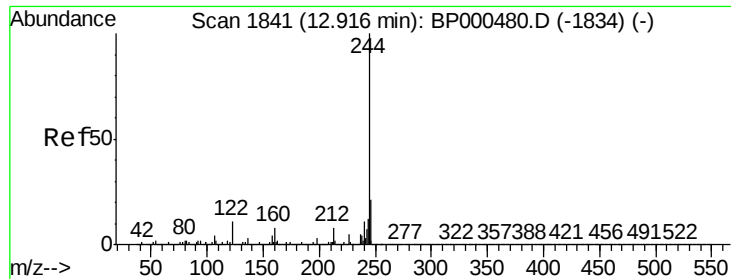
Delta R.T. 0.00 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion:	202	Resp:	1437988
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.4	26.0
203	18.2	14.1	21.1





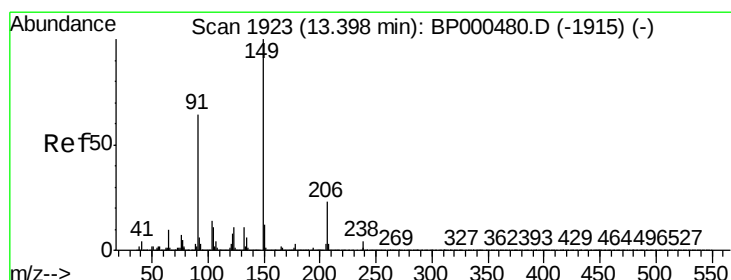
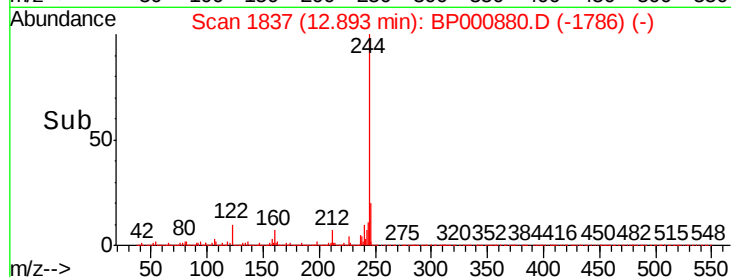
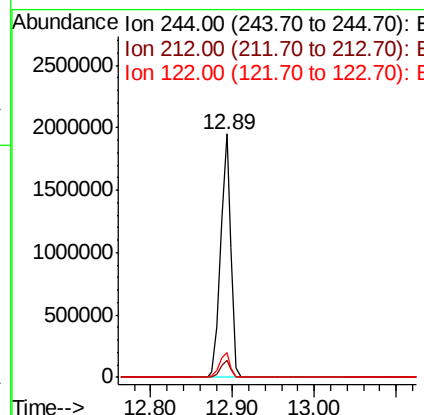
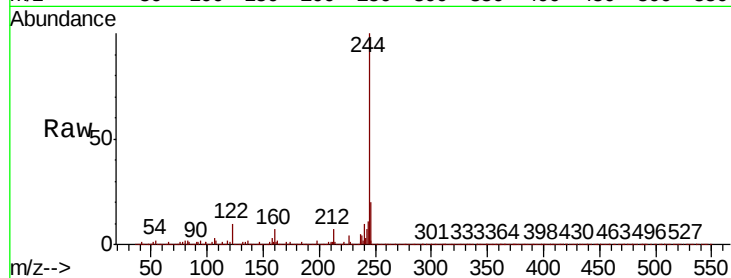
#79
 Terphenyl-d14
 Concen: 69.489 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: BP000880.D
 Acq: 18 Oct 2019 17:01

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MS

Tot Ion:244 Resp: 1701111
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 10.0 7.1 10.7

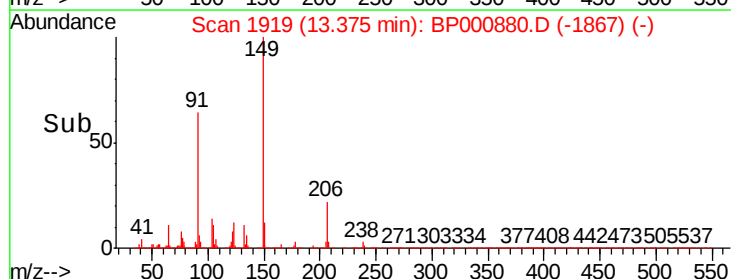
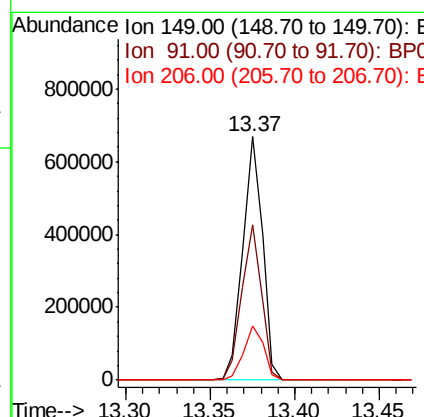
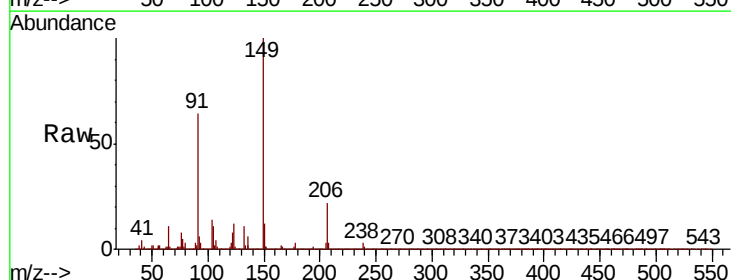
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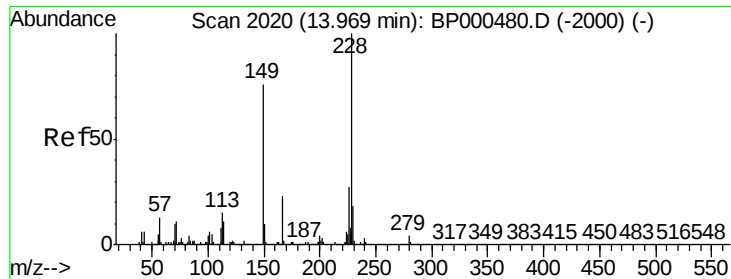
mohammad
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#80
 Butylbenzylphthalate
 Concen: 36.394 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. 0.01 min
 Lab File: BP000880.D
 Acq: 18 Oct 2019 17:01

Tgt Ion:149 Resp: 542144
 Ion Ratio Lower Upper
 149 100
 91 63.8 51.9 77.9
 206 22.4 17.3 25.9





#81

Benzo(a)anthracene

Concen: 39.181 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

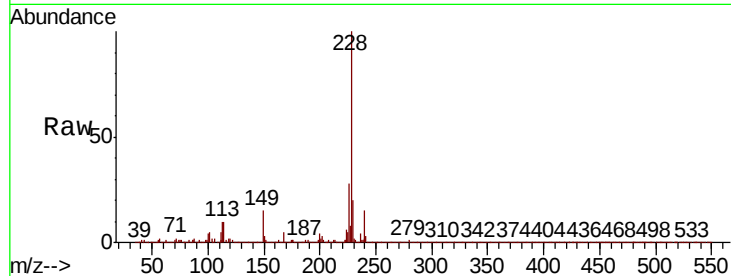
ClientSampleId :

RBR200031-RT4221MS

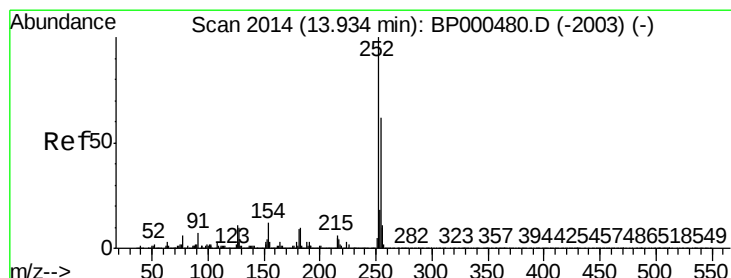
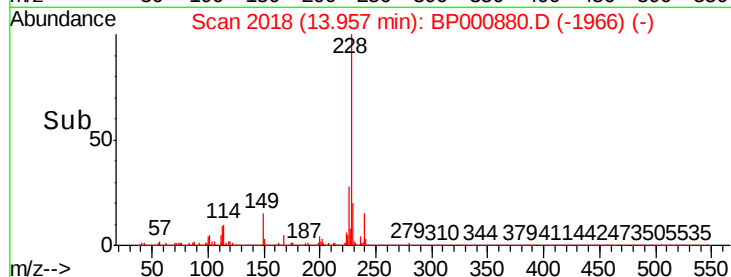
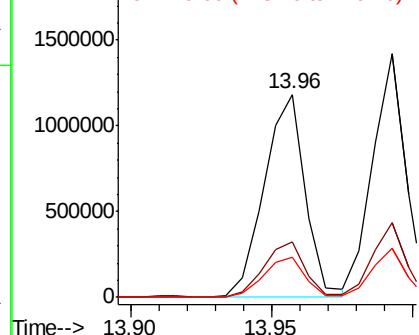
Tot Ion:	228	Resp:	1184914
Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.8	32.8
229	20.1	15.7	23.5

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.832 ng

RT: 13.92 min Scan# 2011

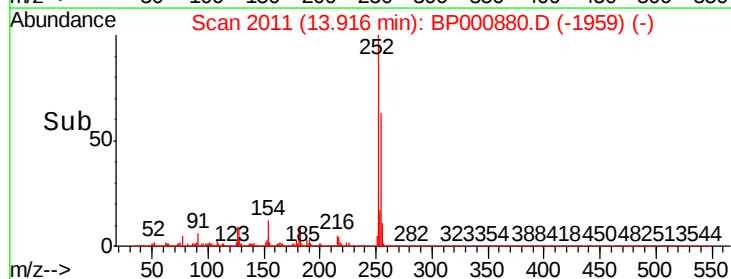
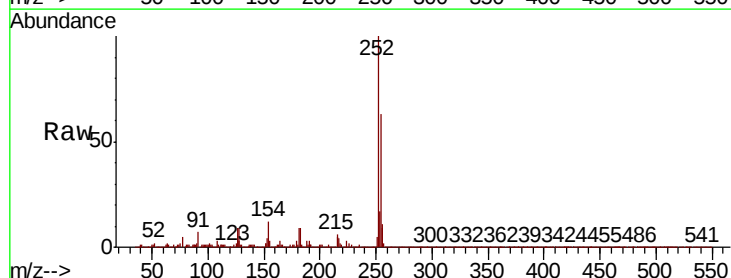
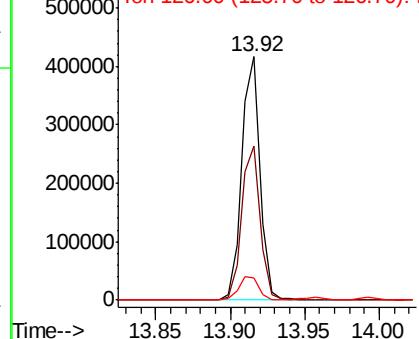
Delta R.T. 0.01 min

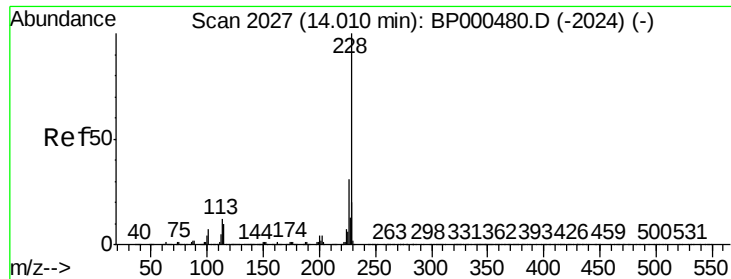
Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion:	252	Resp:	358355
Ion	Ratio	Lower	Upper
252	100		
254	63.3	51.5	77.3
126	9.3	8.6	13.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





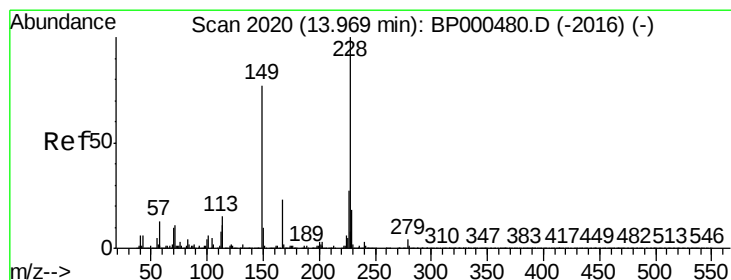
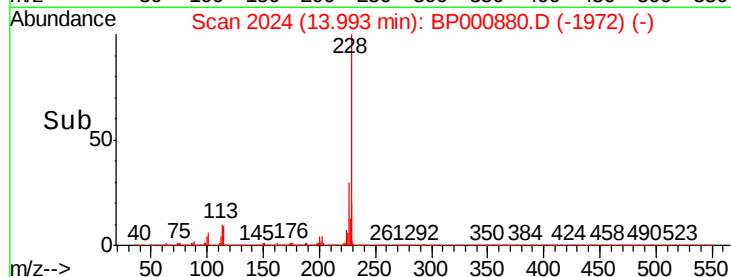
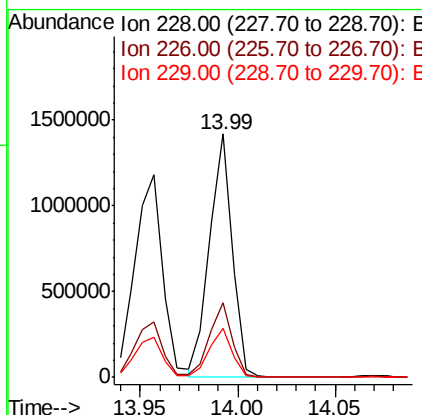
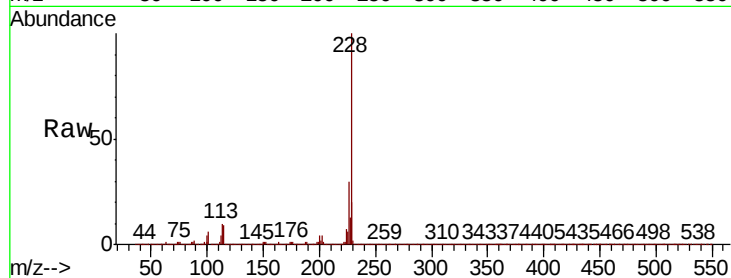
#83
 Chrysene
 Concen: 38.660 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BP000880.D
 Acq: 18 Oct 2019 17:01

Instrument :
 BNA_P
 ClientSampleId :
 RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.9	16.2	24.2

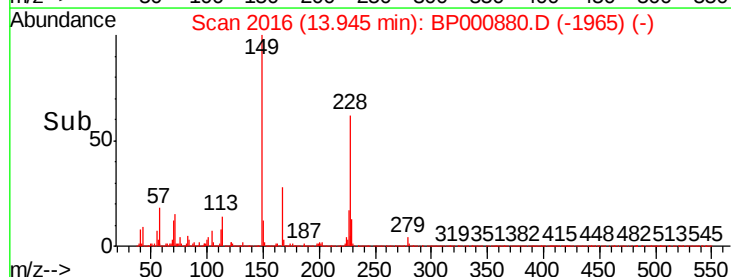
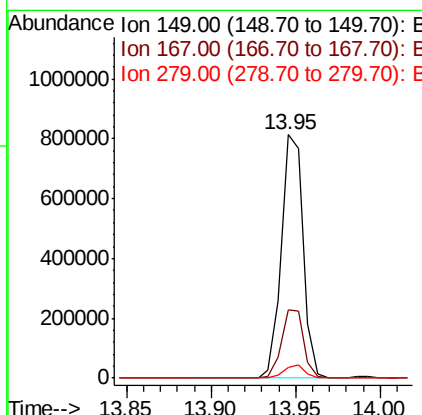
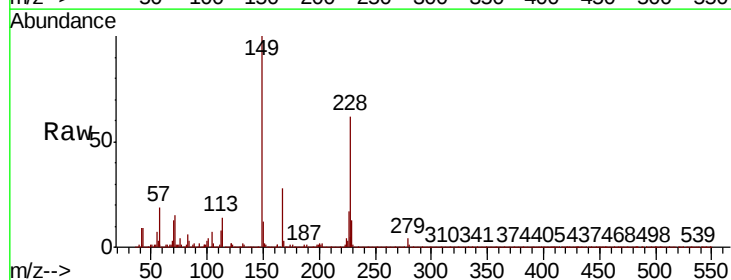
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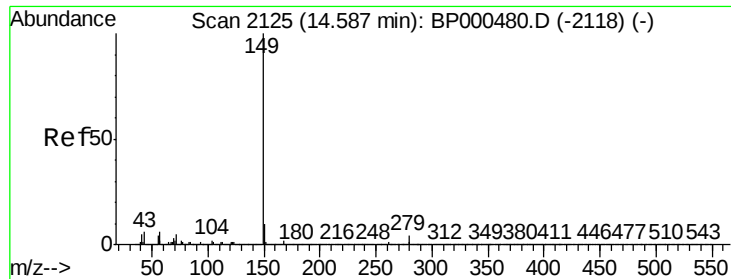
mohammad
 10/22/2019 1:39:11 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.934 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BP000880.D
 Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	23.1	34.7
279	4.4	4.7	7.1#





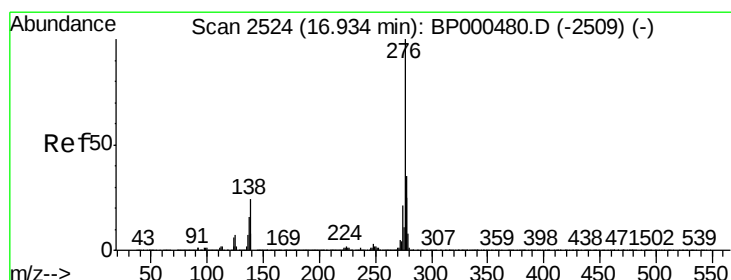
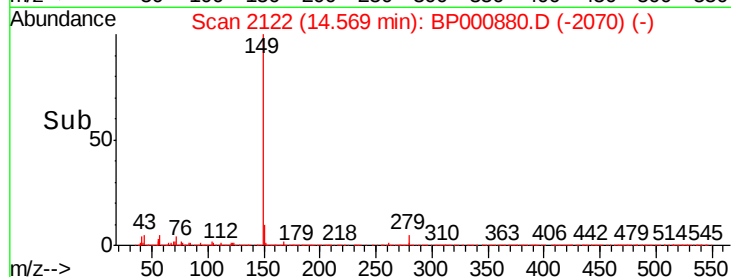
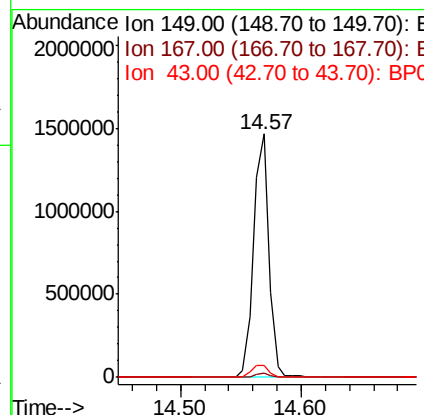
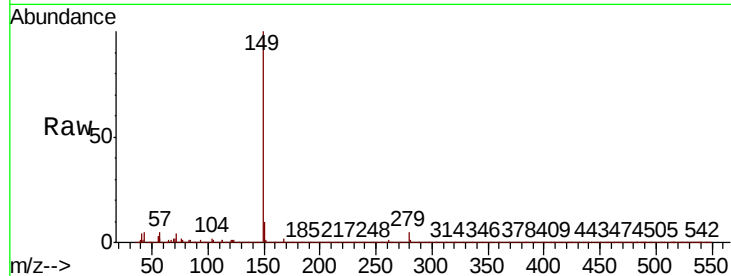
#85
Di-n-octyl phthalate
Concen: 38.308 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	5.4	4.6	7.0

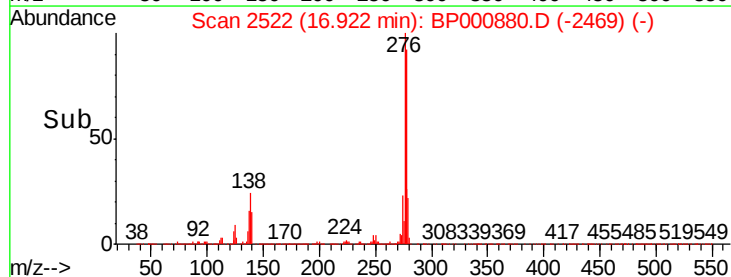
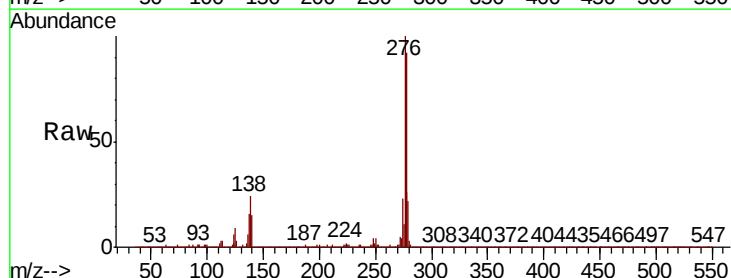
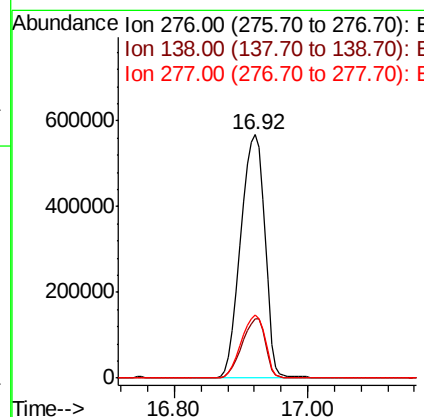
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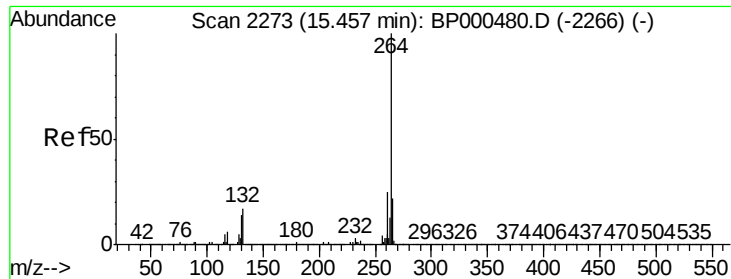
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.623 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	19.1	28.7
277	25.6	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

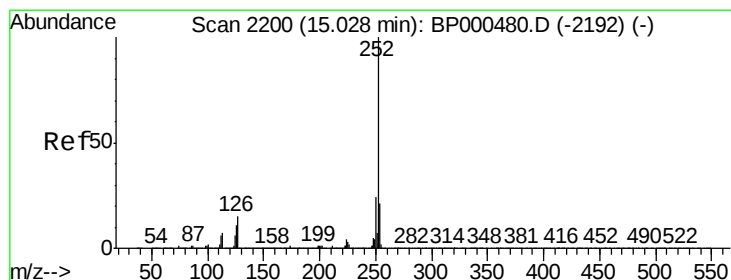
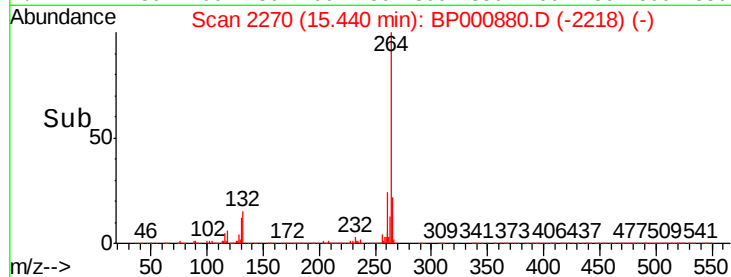
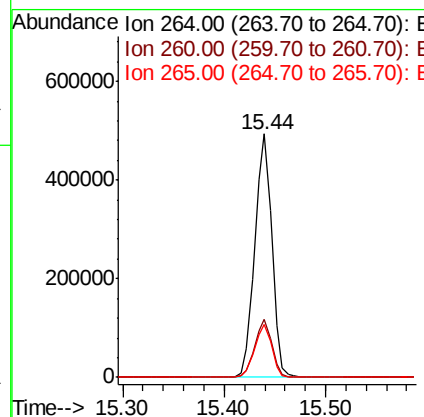
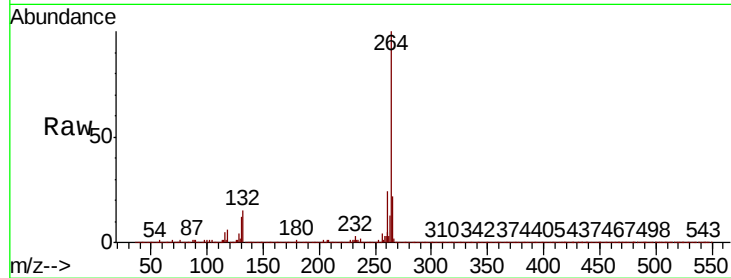
ClientSampleId :

RBR200031-RT4221MS

Tot Ion:	264	Resp:	578593
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.3	28.9
265	21.9	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 38.883 ng

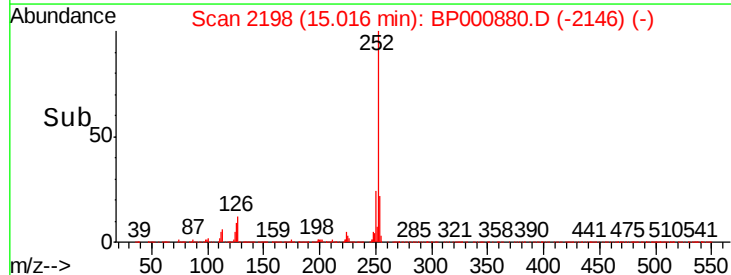
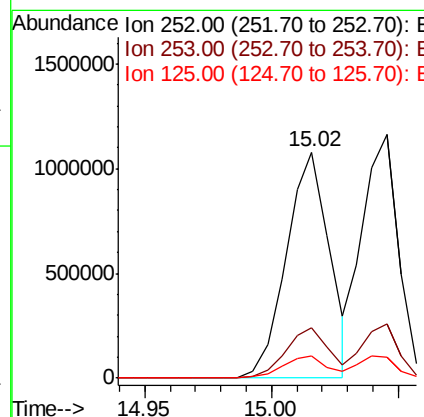
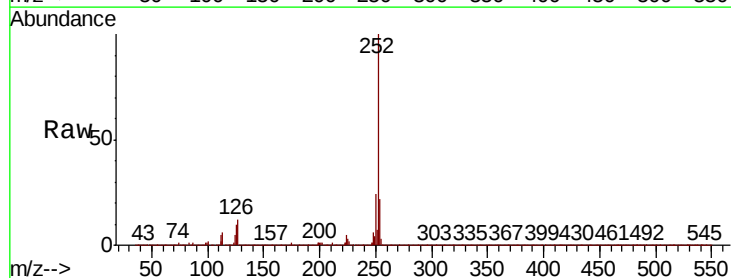
RT: 15.02 min Scan# 2198

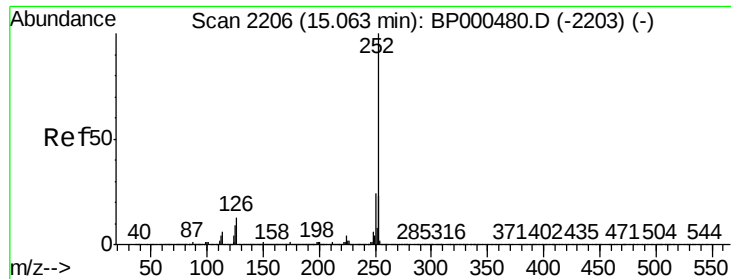
Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Tgt Ion:	252	Resp:	1276324
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.4	26.2
125	9.6	7.4	11.2





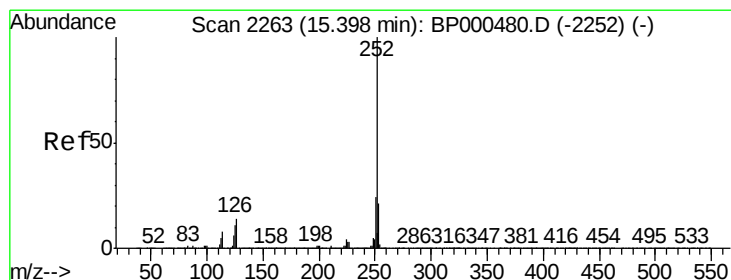
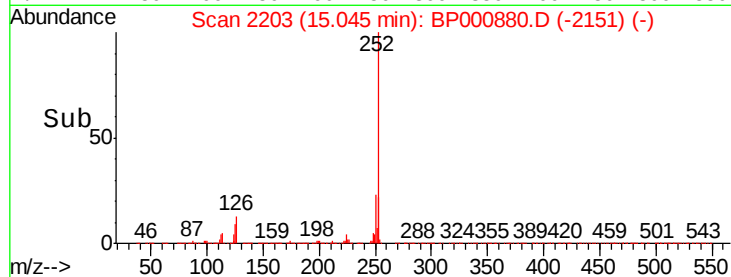
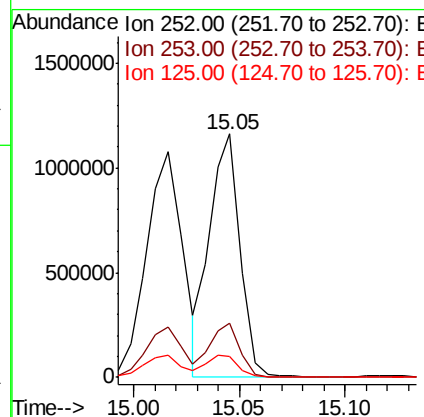
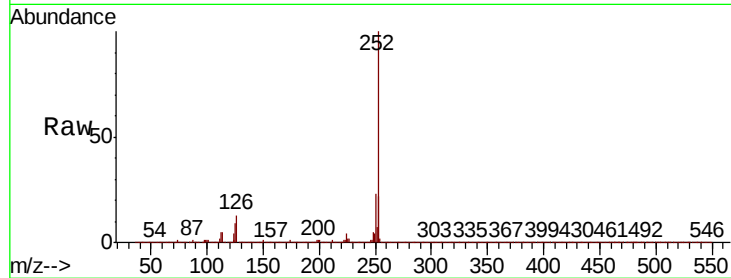
#89
Benzo(k)fluoranthene
Concen: 37.102 ng
RT: 15.05 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Instrument :
BNA_P
ClientSampleId :
RBR200031-RT4221MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	8.7	7.1	10.7

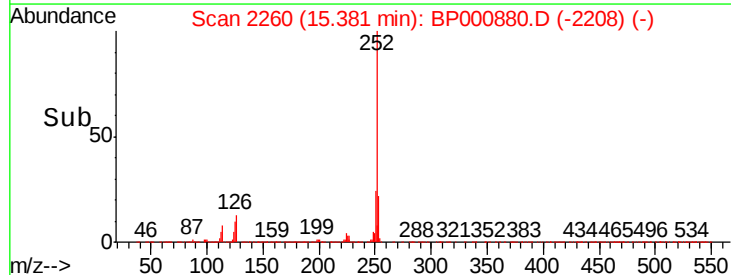
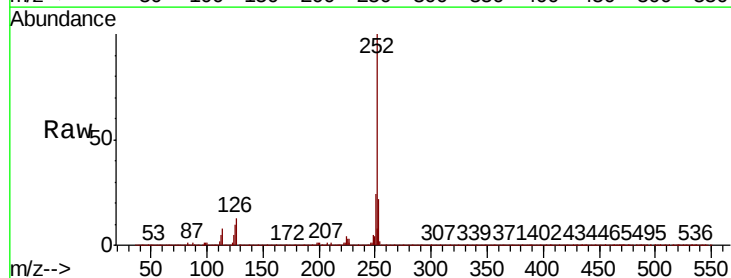
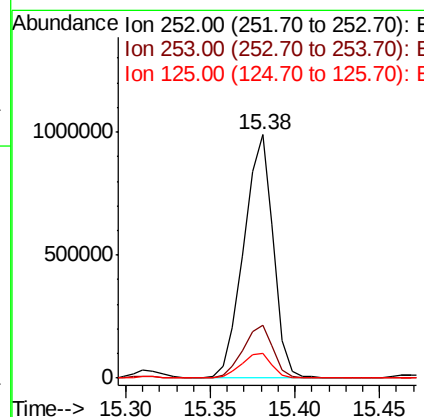
Manual Integrations
APPROVED

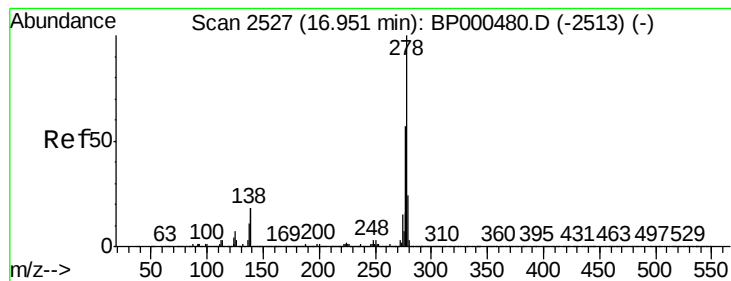
mohammad
10/22/2019 1:39:11 AM



#90
Benzo(a)pyrene
Concen: 39.230 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.01 min
Lab File: BP000880.D
Acq: 18 Oct 2019 17:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	10.3	8.2	12.2





#91

Dibenzo(a,h)anthracene

Concen: 39.234 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

Instrument :

BNA_P

ClientSampleId :

RBR200031-RT4221MS

Tot Ion:278 Resp: 1164358

Ion Ratio Lower Upper

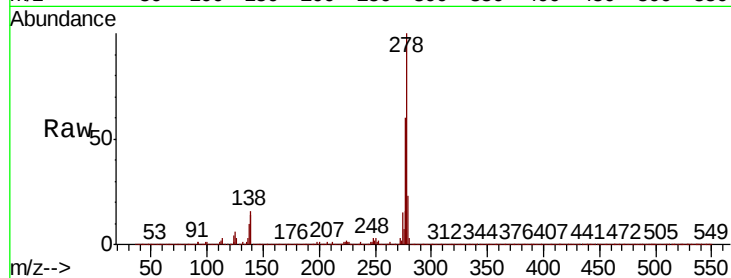
278 100

139 14.3 12.4 18.6

279 23.2 19.1 28.7

Manual Integrations
APPROVED

mohammad
10/22/2019 1:39:11 AM



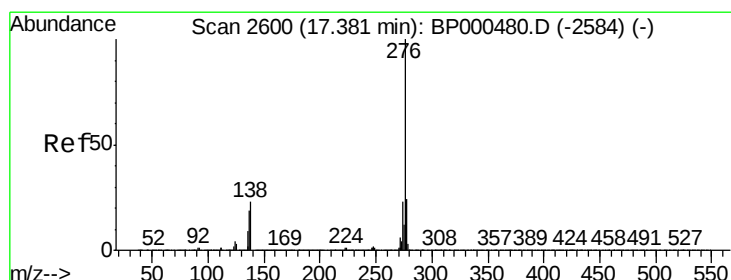
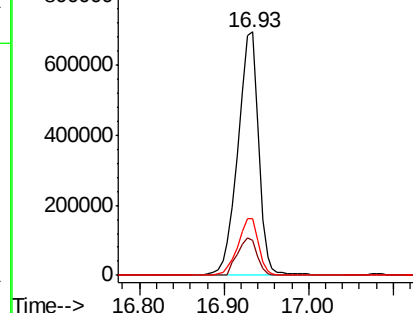
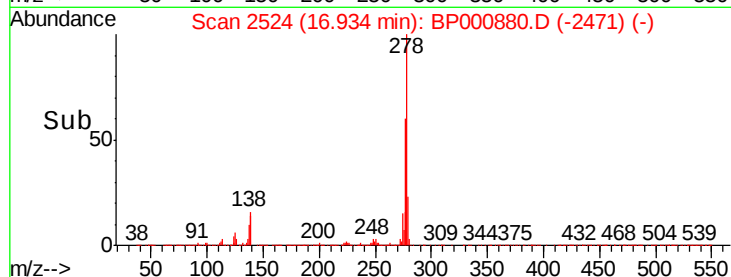
Abundance

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

16.93



#92

Benzo(g,h,i)perylene

Concen: 39.936 ng

RT: 17.36 min Scan# 2597

Delta R.T. 0.01 min

Lab File: BP000880.D

Acq: 18 Oct 2019 17:01

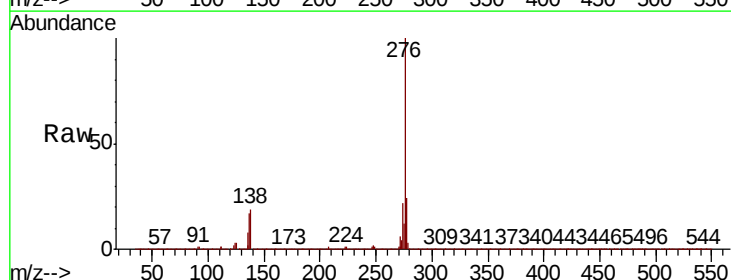
Tgt Ion:276 Resp: 1204322

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 19.3 16.6 24.8



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

17.36

