

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
 Data File : BP000058.D
 Acq On : 04 Sep 2019 11:45
 Operator : HP/JU
 Sample : K4554-44MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(7-9)MSD

Manual Integrations
 APPROVED

mohammad
 9/10/2019 9:51:20 AM

Quant Time: Sep 04 14:31:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	475270	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1755147	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	939528	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1650191	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1304261	20.00	ng	0.00
87) Perylene-d12	15.63	264	1462367	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	3779700	126.82	ng	0.01
7) Phenol-d6	6.52	99	4950610	131.58	ng	0.00
23) Nitrobenzene-d5	7.45	82	2698493	94.34	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1124646	142.01	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4839008	86.01	ng	0.00
79) Terphenyl-d14	13.04	244	5174383	86.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	527313	38.464	ng	97
3) Pyridine	3.49	79	1309899	35.464	ng	98
4) n-Nitrosodimethylamine	3.43	42	490597	41.134	ng	91
6) Aniline	6.56	93	1669285	30.655	ng	98
8) 2-Chlorophenol	6.68	128	1488879	48.312	ng	98
9) Benzaldehyde	6.44	77	970613	41.833	ng	96
10) Phenol	6.53	94	2053879	49.132	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	1498807	45.387	ng	98
12) 1,3-Dichlorobenzene	6.84	146	1623317	45.159	ng	98
13) 1,4-Dichlorobenzene	6.91	146	1653881	46.204	ng	99
14) 1,2-Dichlorobenzene	7.07	146	1504851	45.756	ng	97
15) Benzyl Alcohol	7.03	79	1260659	45.698	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1471333	41.432	ng	97
17) 2-Methylphenol	7.14	107	1248921	47.186	ng	99
18) Hexachloroethane	7.41	117	600836	45.257	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	946219	44.188	ng	97
20) 3+4-Methylphenols	7.29	107	1598998	48.440	ng	95
22) Acetophenone	7.30	105	2093686	49.802	ng	98
24) Nitrobenzene	7.47	77	1506801	48.625	ng	96
25) Isophorone	7.71	82	2841732	47.019	ng	98
26) 2-Nitrophenol	7.79	139	707564	58.633	ng	96
27) 2,4-Dimethylphenol	7.82	122	1294750	53.169	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1833431	46.651	ng	98
29) 2,4-Dichlorophenol	8.03	162	1294290	51.689	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	1377599	48.259	ng	99
31) Naphthalene	8.20	128	4089771	50.787	ng	98
32) Benzoic acid	7.92	122	751463	46.405	ng	98
33) 4-Chloroaniline	8.24	127	470333	12.384	ng	95
34) Hexachlorobutadiene	8.32	225	769006	47.810	ng	99
35) Caprolactam	8.60	113	429791m	48.264	ng	
36) 4-Chloro-3-methylphenol	8.72	107	1352499	49.504	ng	96
37) 2-Methylnaphthalene	8.89	142	2885150	51.268	ng	99
38) 1-Methylnaphthalene	8.99	142	2667215	50.302	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1315864	49.481	ng	99

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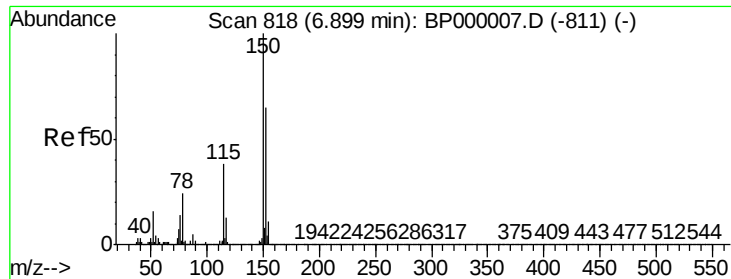
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	1565586	106.920	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	888717	48.460	nq	100
44) 2,4,5-Trichlorophenol	9.20	196	964137	50.247	nq	97
46) 1,1'-Biphenyl	9.36	154	3324038	50.116	nq	98
47) 2-Chloronaphthalene	9.38	162	2644925	48.039	nq	99
48) 2-Nitroaniline	9.47	65	684729	46.043	nq	88
49) Acenaphthylene	9.80	152	4083889	49.989	nq	99
50) Dimethylphthalate	9.66	163	3467757	54.164	nq	99
51) 2,6-Dinitrotoluene	9.72	165	709661	52.221	nq	96
52) Acenaphthene	9.97	154	2743705	53.522	nq	98
53) 3-Nitroaniline	9.88	138	396987	24.453	nq	92
54) 2,4-Dinitrophenol	9.99	184	548624	104.700	nq	# 39
55) Dibenzofuran	10.15	168	3656228	50.227	nq	98
56) 4-Nitrophenol	10.04	139	1218454	105.004	nq	90
57) 2,4-Dinitrotoluene	10.12	165	941109	54.245	nq	# 84
58) Fluorene	10.49	166	2736941	49.957	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	776322	53.435	nq	96
60) Diethylphthalate	10.36	149	3057851	47.716	nq	99
61) 4-Chlorophenyl-phenylether	10.49	204	1416140	49.732	nq	98
62) 4-Nitroaniline	10.50	138	746906	48.234	nq	96
63) Azobenzene	10.65	77	2897581	47.216	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	379515	57.868	nq	97
66) n-Nitrosodiphenylamine	10.60	169	2557261	52.161	nq	99
67) 4-Bromophenyl-phenylether	10.98	248	860444	51.307	nq	96
68) Hexachlorobenzene	11.05	284	883633	48.357	nq	# 86
69) Atrazine	11.13	200	772584	62.008	nq	98
70) Pentachlorophenol	11.24	266	1095960	110.688	nq	99
71) Phenanthrene	11.46	178	4182855	50.856	nq	99
72) Anthracene	11.52	178	4227367	52.030	nq	99
73) Carbazole	11.66	167	3962054	51.663	nq	99
74) Di-n-butylphthalate	12.00	149	4671964	50.240	nq	99
75) Fluoranthene	12.66	202	4682400	52.388	nq	97
77) Benzidine	12.78	184	2013592	44.747	nq	98
78) Pyrene	12.89	202	4668321	48.654	nq	98
80) Butylbenzylphthalate	13.52	149	2131169	49.850	nq	# 91
81) Benzo(a)anthracene	14.10	228	4128728	48.851	nq	99
82) 3,3'-Dichlorobenzidine	14.06	252	1153387	36.993	nq	98
83) Chrysene	14.13	228	3984487	49.843	nq	97
84) Bis(2-ethylhexyl)phthalate	14.09	149	2779906	49.967	nq	99
85) Di-n-octyl phthalate	14.72	149	4932836	50.315	nq	97
86) Indeno(1,2,3-cd)pyrene	17.19	276	5040011	50.314	nq	98
88) Benzo(b)fluoranthene	15.18	252	4319919	48.362	nq	99
89) Benzo(k)fluoranthene	15.21	252	4158949	50.879	nq	99
90) Benzo(a)pyrene	15.57	252	4205685	52.158	nq	98
91) Dibenzo(a,h)anthracene	17.21	278	4103646	50.891	nq	99
92) Benzo(g,h,i)perylene	17.66	276	4100719	51.380	nq	98

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



#1

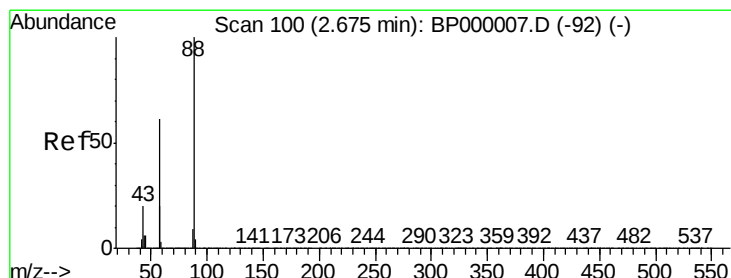
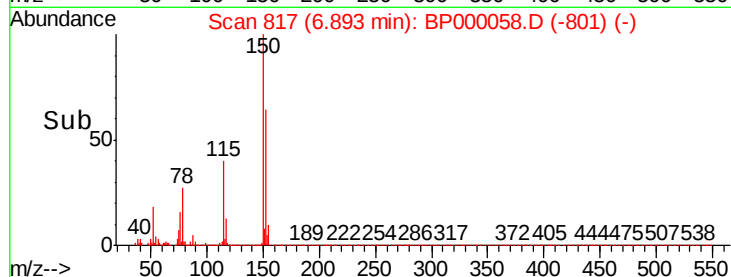
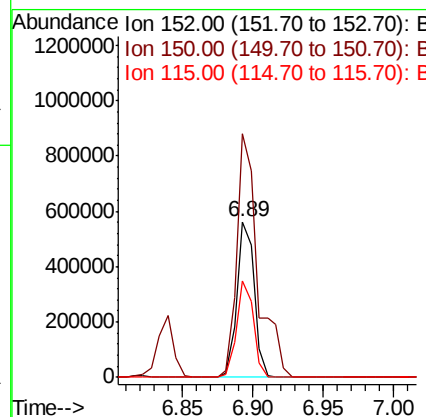
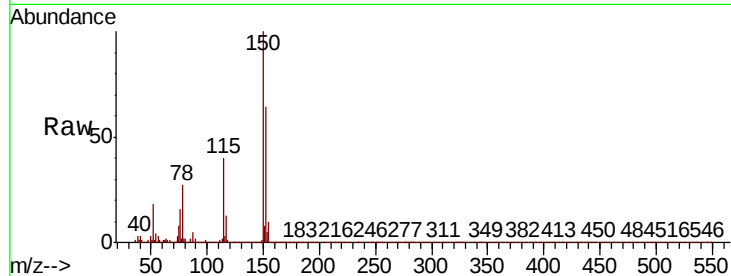
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.0	184.6
115	62.3	46.7	70.1

Manual Integrations
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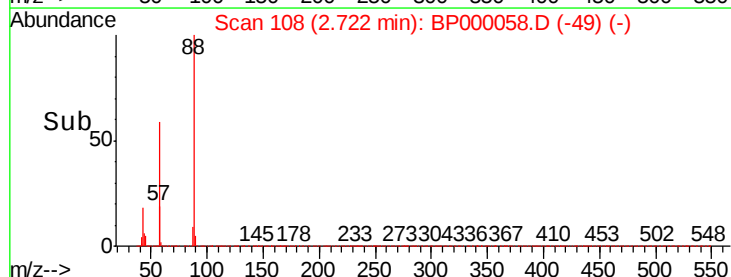
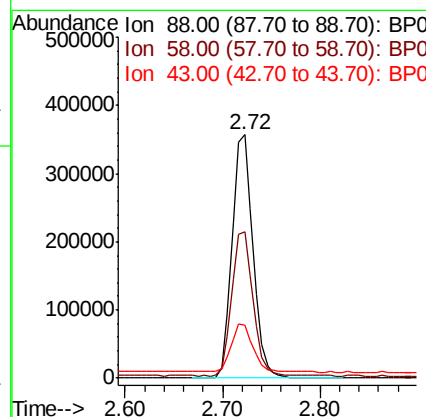
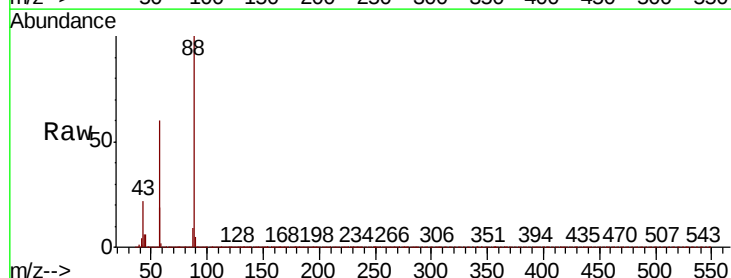
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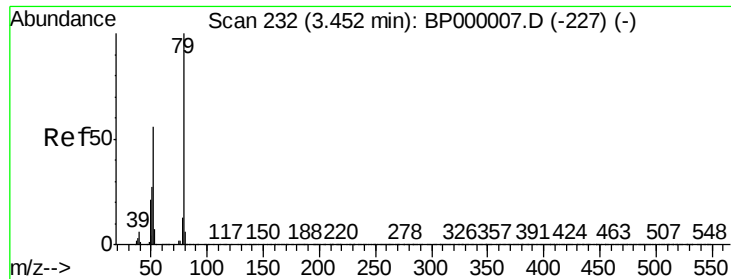


#2

1,4-Dioxane
Concen: 38.464 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.05 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.2	49.8	74.8
43	19.8	16.9	25.3





#3

Pvridine

Concen: 35.464 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

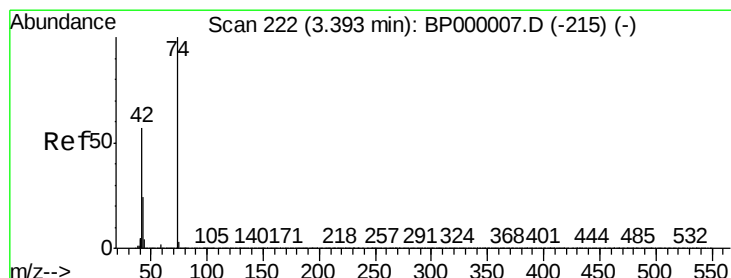
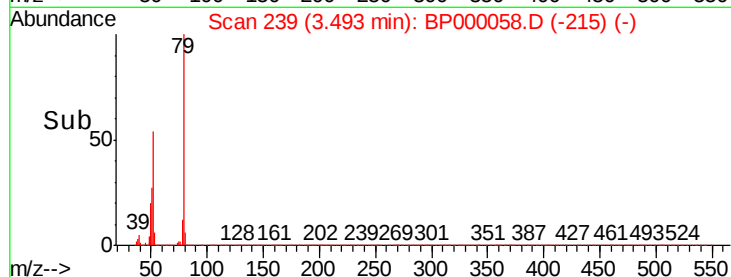
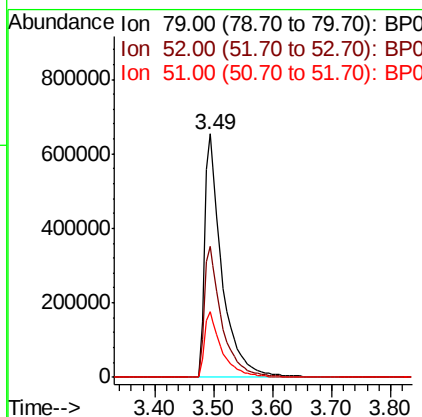
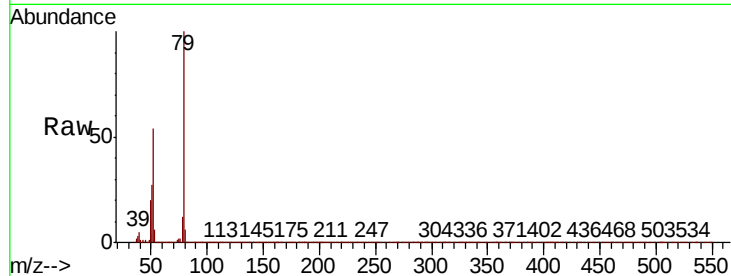
ClientSampleId :

SB-4-(7-9)MSD

Tot Ion:	79	Resp:	1309899
Ion	Ratio	Lower	Upper
79	100		
52	53.9	44.5	66.7
51	26.8	21.8	32.6

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#4

n-Nitrosodimethylamine

Concen: 41.134 ng

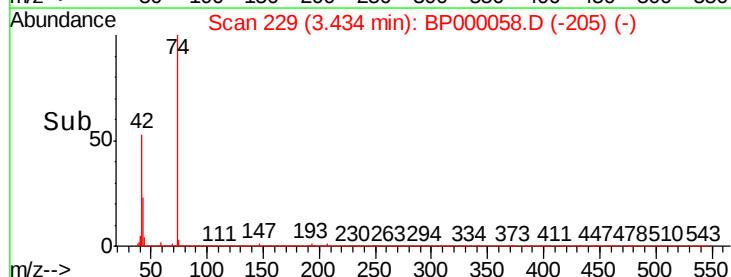
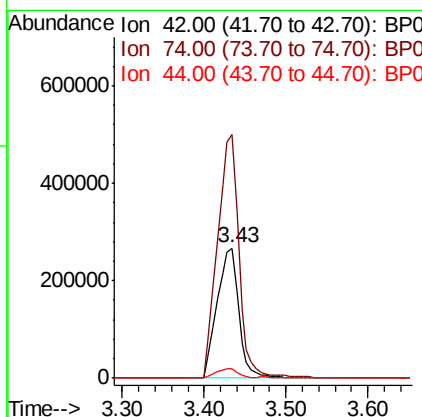
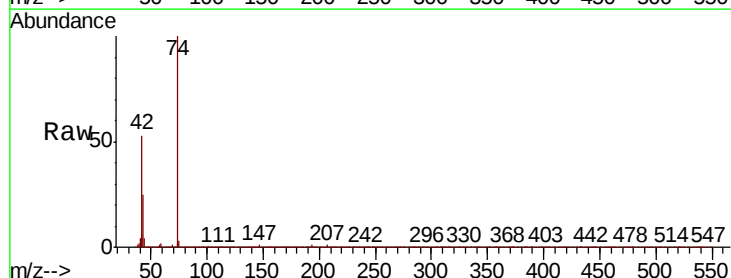
RT: 3.43 min Scan# 229

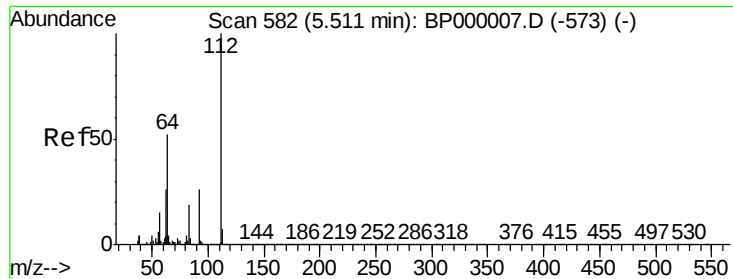
Delta R.T. 0.04 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion:	42	Resp:	490597
Ion	Ratio	Lower	Upper
42	100		
74	187.3	139.9	209.9
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 126.816 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

ClientSampleId :

SB-4-(7-9)MSD

Tot Ion:112 Resp: 3779700

Ion Ratio Lower Upper

112 100

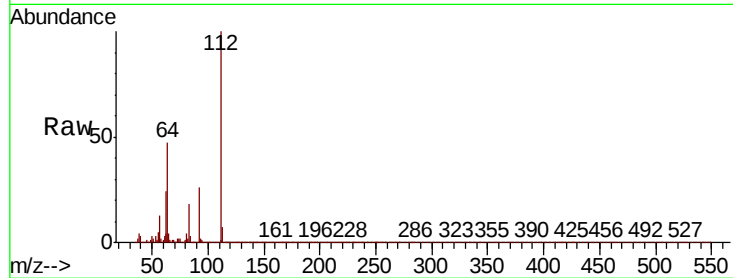
64 47.1 41.8 62.8

63 24.2 21.0 31.4

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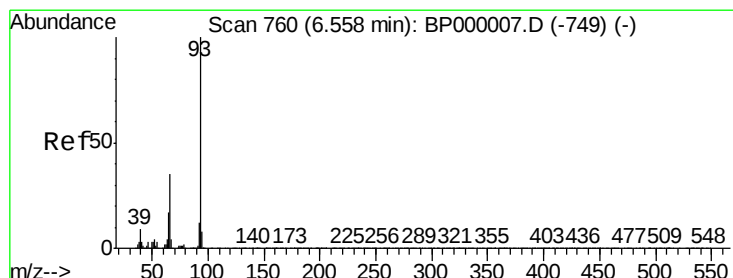
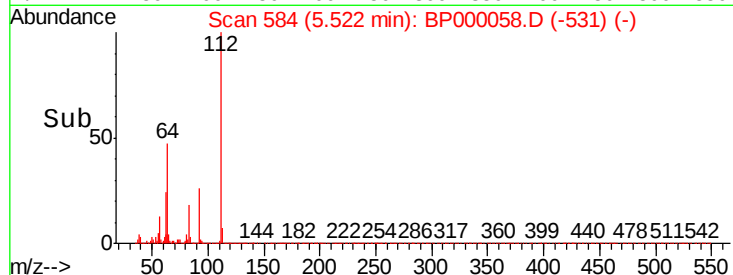
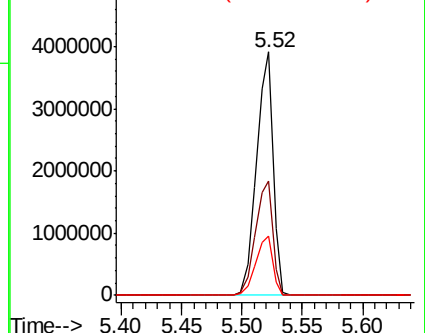
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 30.655 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

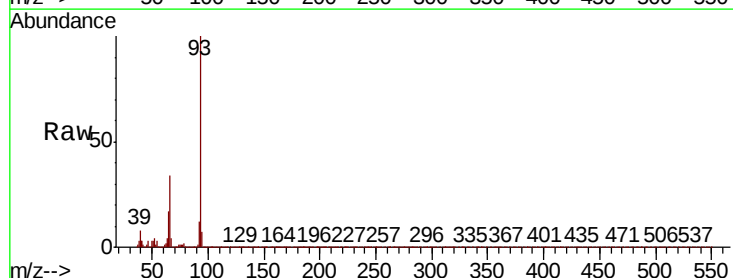
Tgt Ion: 93 Resp: 1669285

Ion Ratio Lower Upper

93 100

66 33.5 27.8 41.8

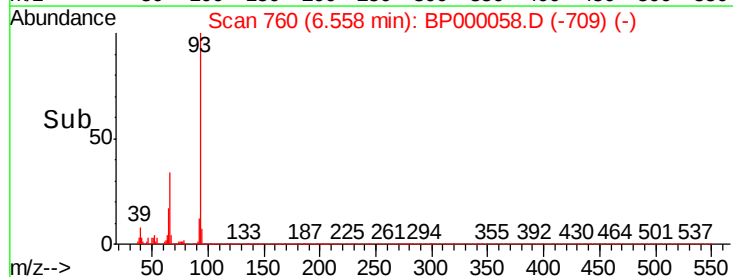
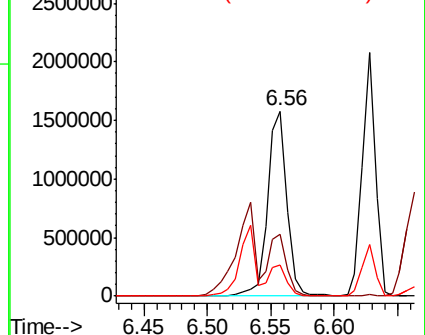
65 16.9 13.9 20.9

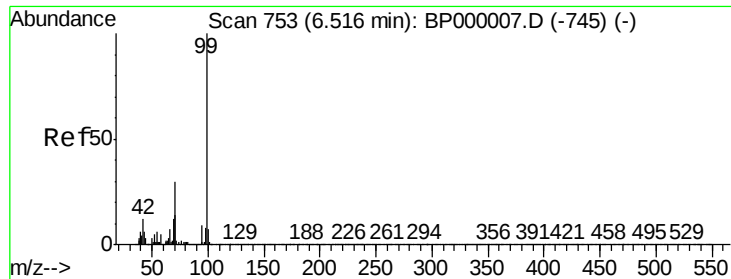


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 131.575 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

ClientSampled :

SB-4-(7-9)MSD

Tot Ion: 99 Resp: 4950610

Ion Ratio Lower Upper

99 100

42 11.5 9.8 14.8

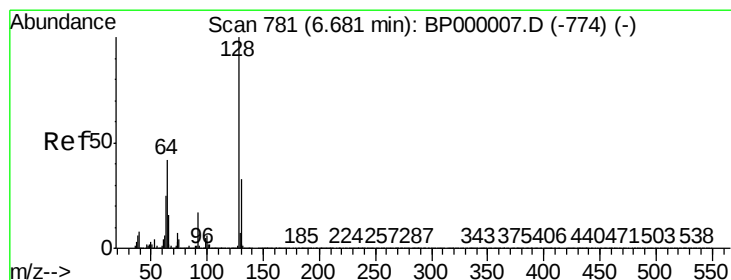
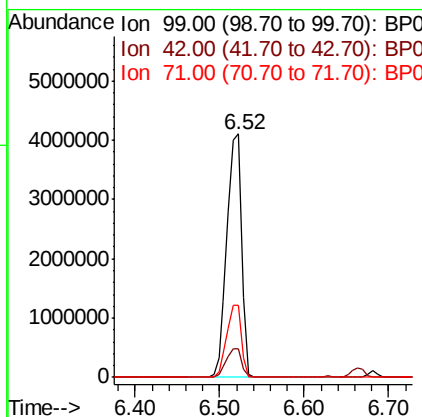
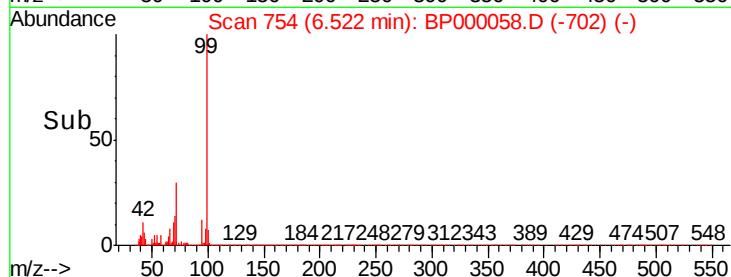
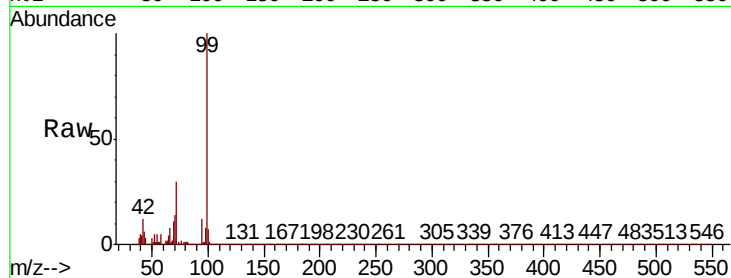
71 29.9 23.8 35.8

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#8

2-Chlorophenol

Concen: 48.312 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

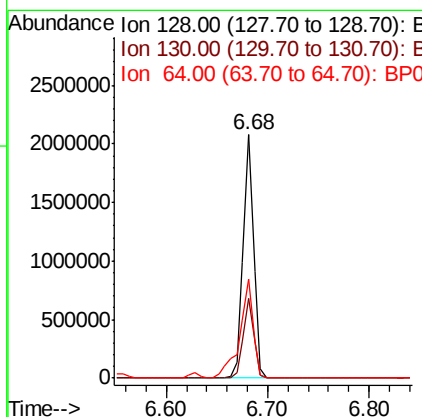
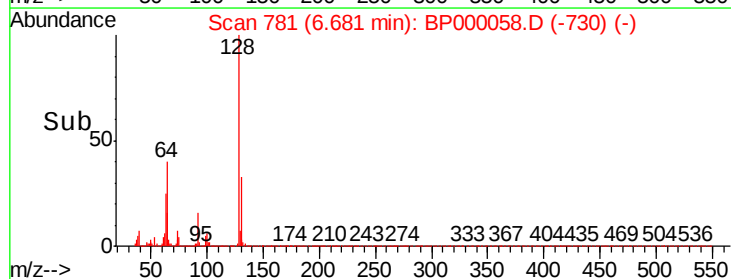
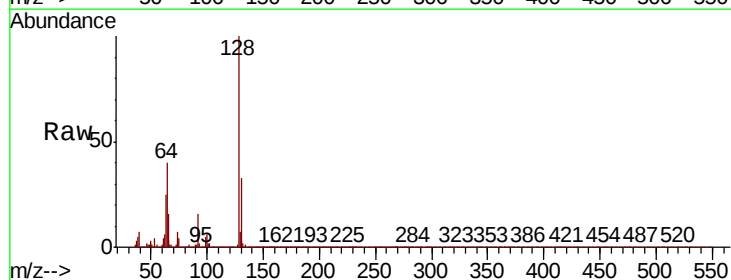
Tgt Ion: 128 Resp: 1488879

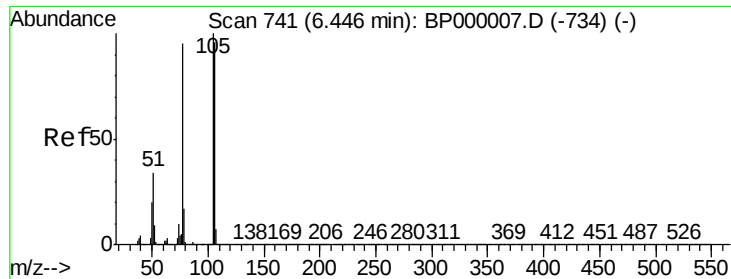
Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

64 40.4 22.0 62.0





#9

Benzaldehyde

Concen: 41.833 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

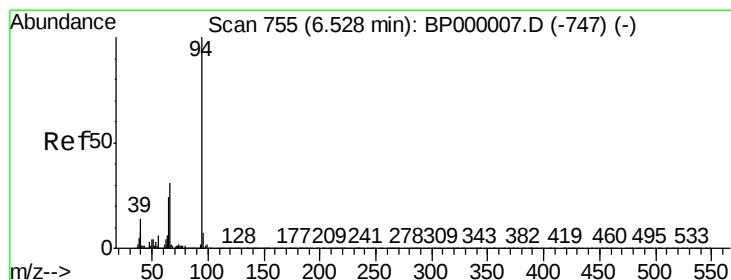
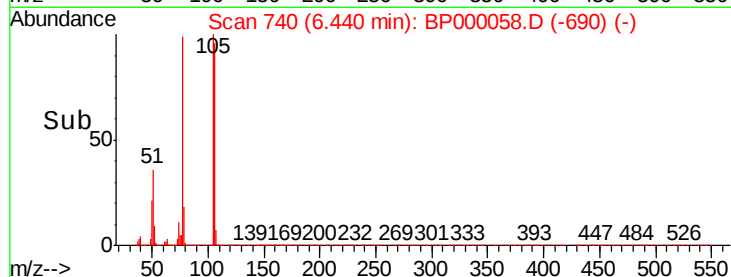
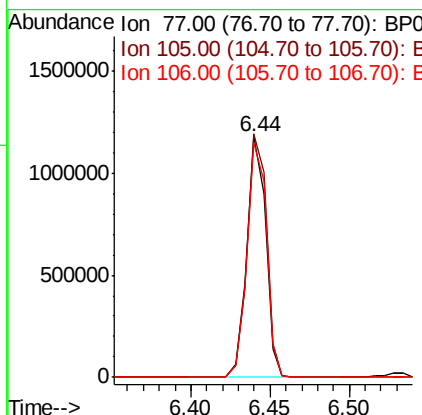
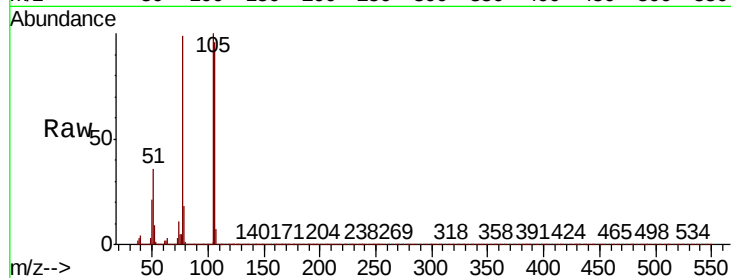
ClientSampleId :

SB-4-(7-9)MSD

Tot Ion:	77	Resp:	970613
Ion	Ratio	Lower	Upper
77	100		
105	101.3	85.1	125.1
106	97.4	80.8	120.8

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#10

Phenol

Concen: 49.132 ng

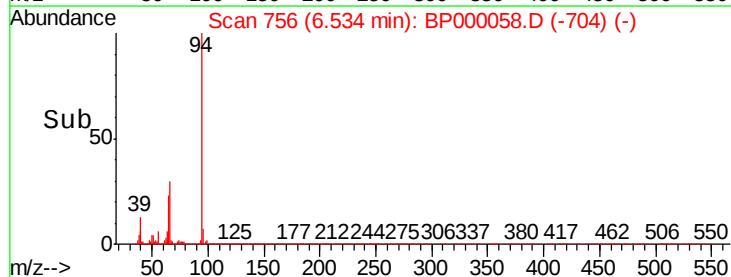
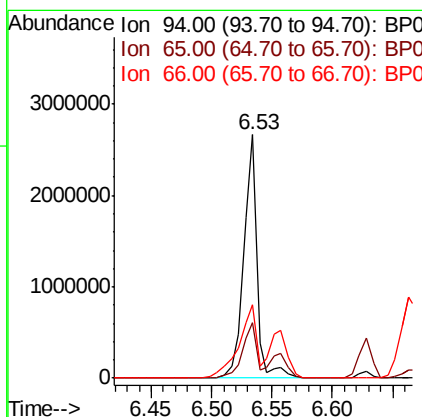
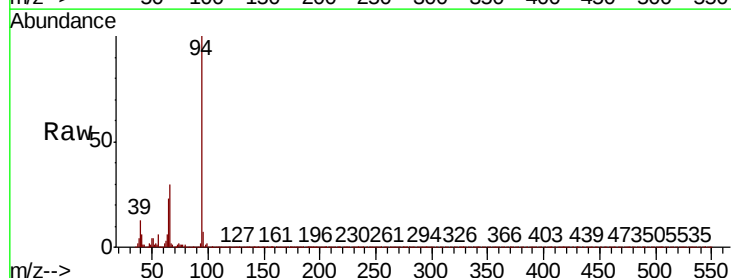
RT: 6.53 min Scan# 756

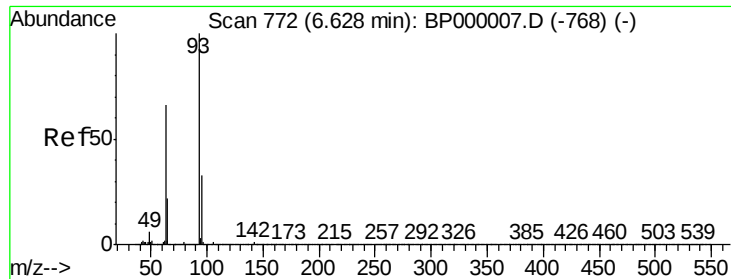
Delta R.T. 0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion:	94	Resp:	2053879
Ion	Ratio	Lower	Upper
94	100		
65	22.9	4.1	44.1
66	30.1	11.4	51.4





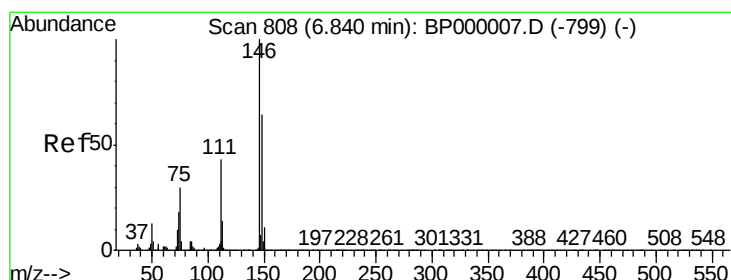
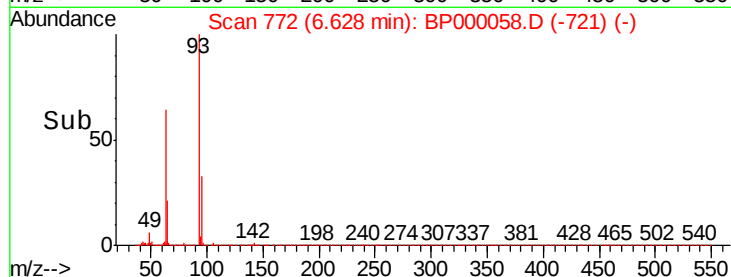
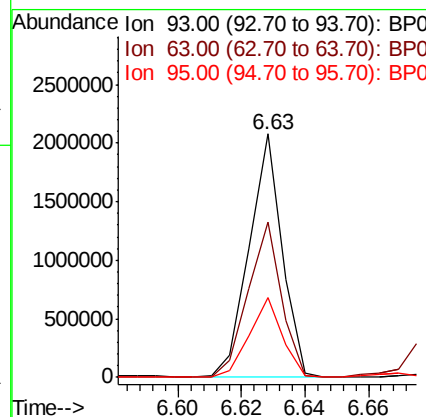
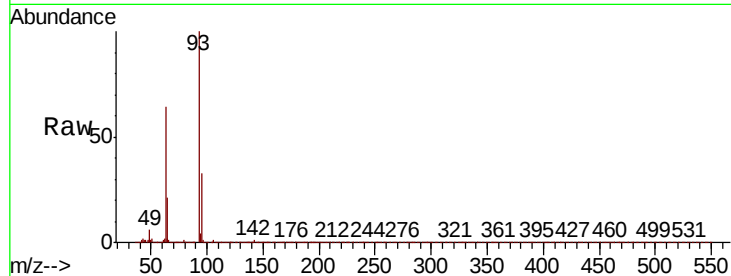
#11
bis(2-Chloroethyl)ether
Concen: 45.387 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion:	93	Resp:	1498807
Ion	Ratio	Lower	Upper
93	100		
63	63.7	46.0	86.0
95	32.7	12.7	52.7

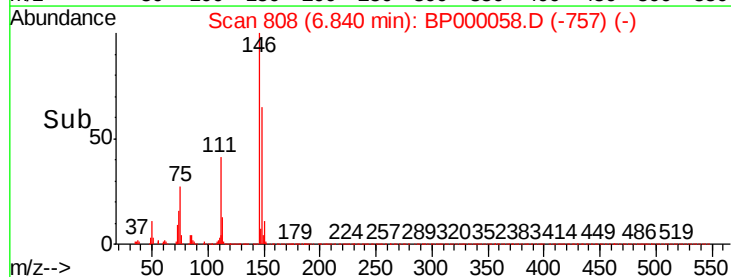
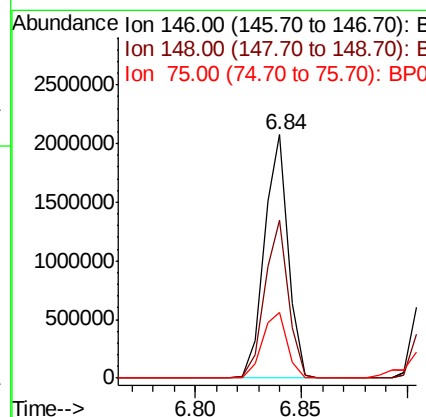
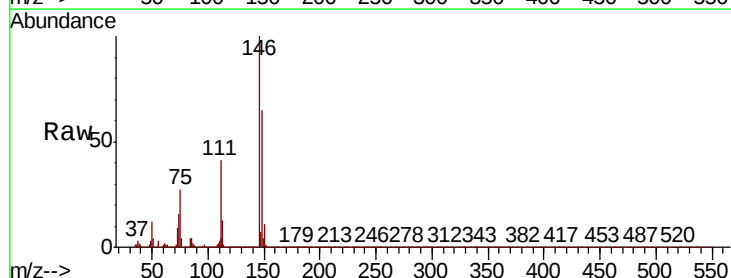
Manual Integrations
APPROVED

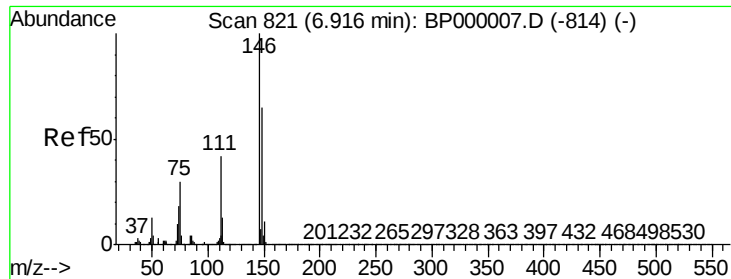
mohammad
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#12
1,3-Dichlorobenzene
Concen: 45.159 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion:	146	Resp:	1623317
Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.2
75	27.1	24.0	36.0





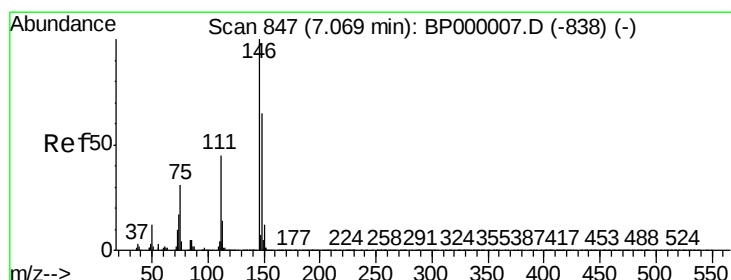
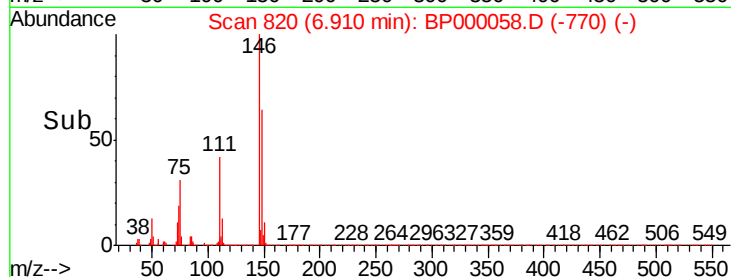
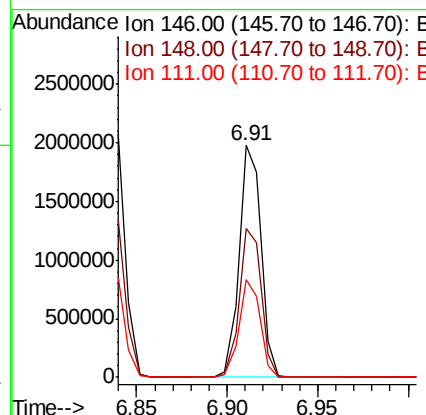
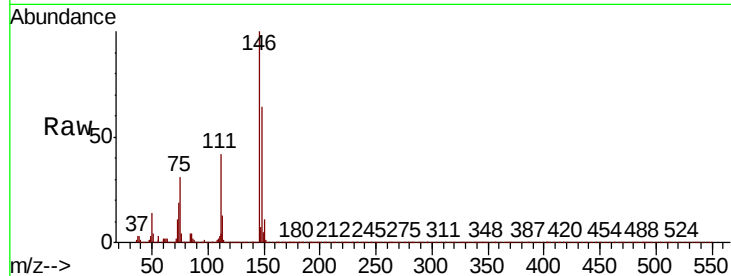
#13
1,4-Dichlorobenzene
Concen: 46.204 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampled :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
111	42.3	33.4	50.0

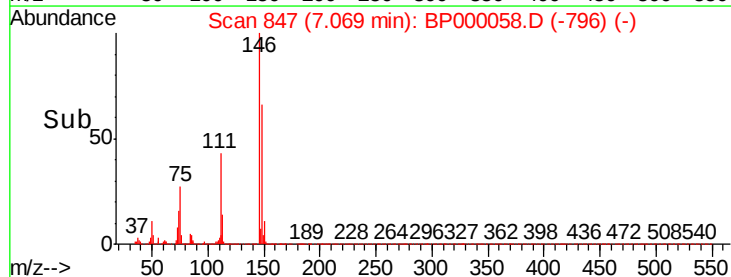
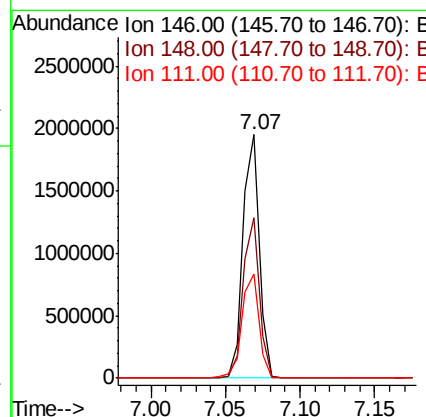
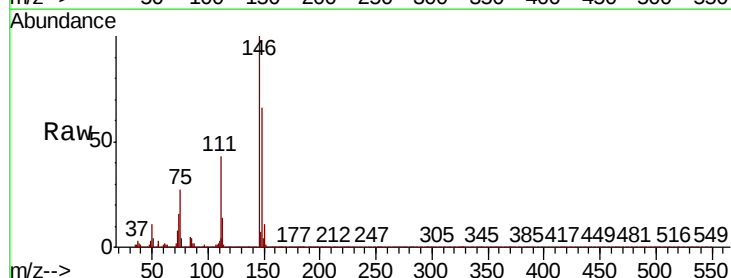
Manual Integrations
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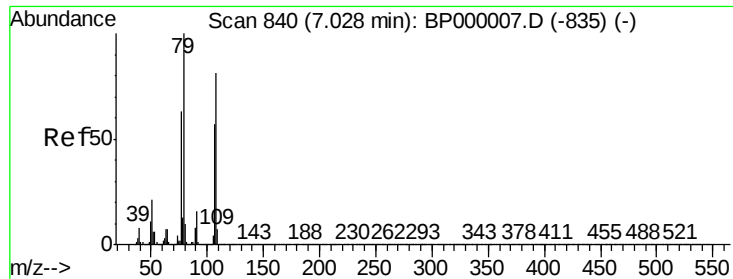
mohammad
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#14
1,2-Dichlorobenzene
Concen: 45.756 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	51.8	77.8
111	42.6	36.4	54.6





#15

Benzyl Alcohol

Concen: 45.698 ng

RT: 7.03 min Scan# 840

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

ClientSampleId :

SB-4-(7-9)MSD

Tot Ion: 79 Resp: 1260659

Ion Ratio Lower Upper

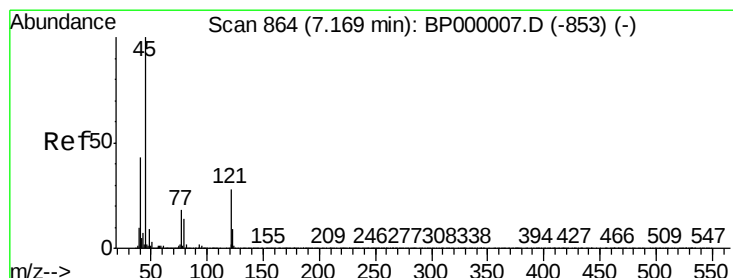
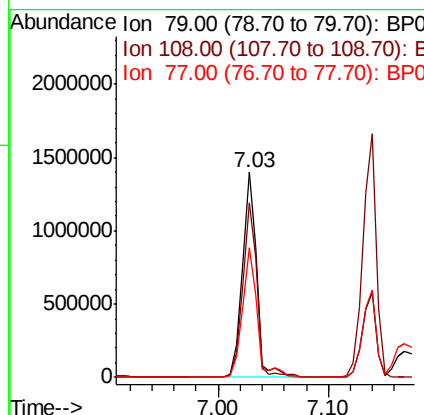
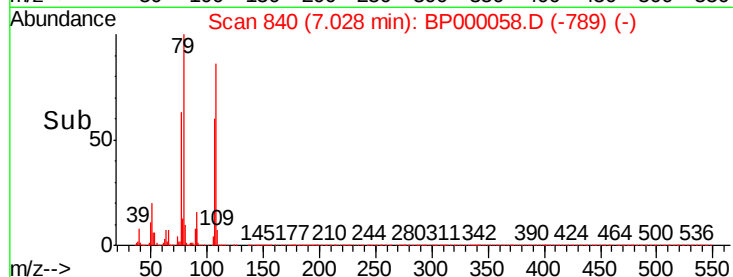
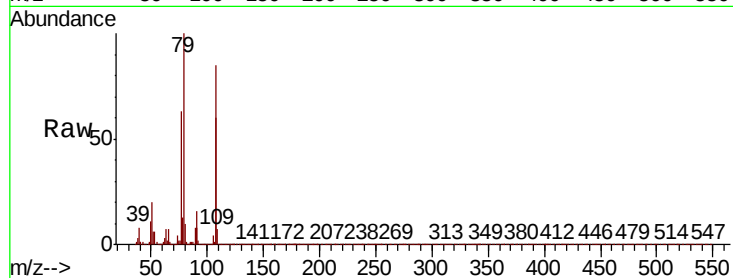
79 100

108 85.5 64.5 96.7

77 63.3 50.3 75.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.432 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

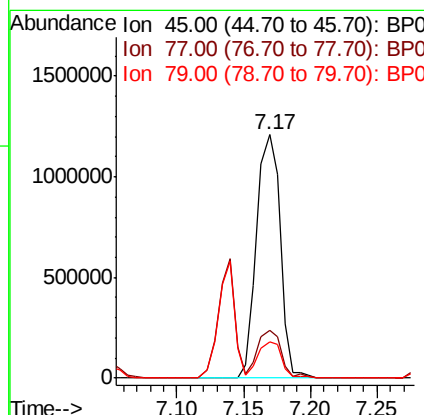
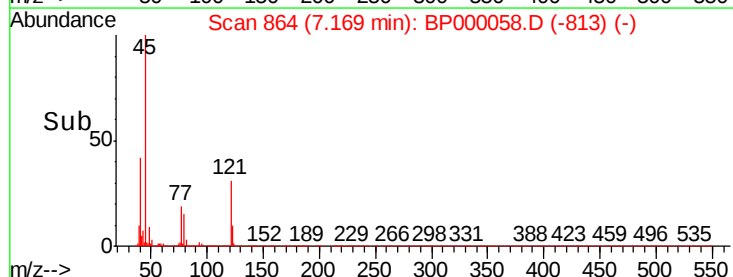
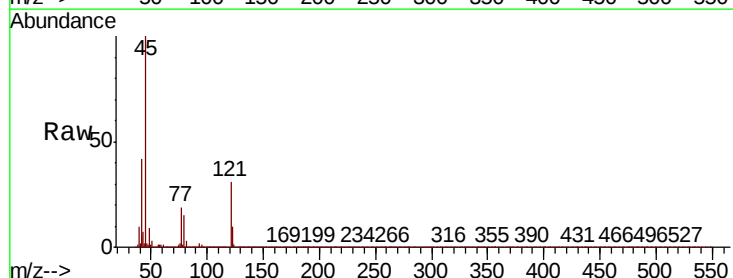
Tgt Ion: 45 Resp: 1471333

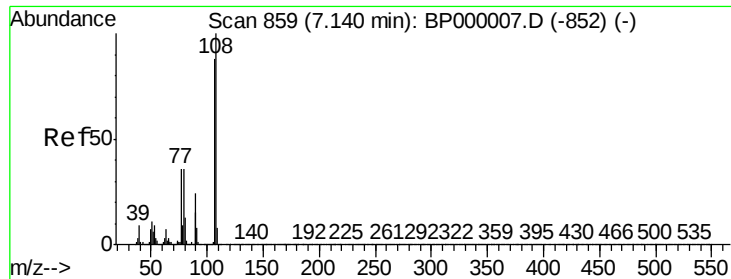
Ion Ratio Lower Upper

45 100

77 19.4 0.0 38.0

79 14.8 0.0 33.9





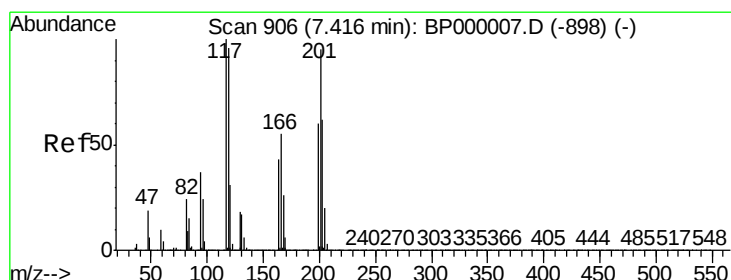
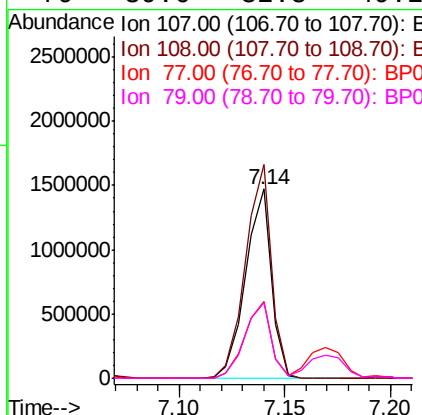
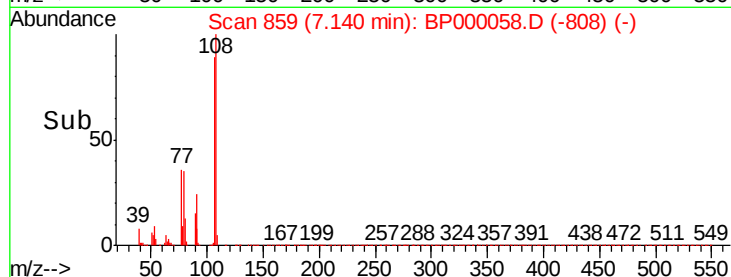
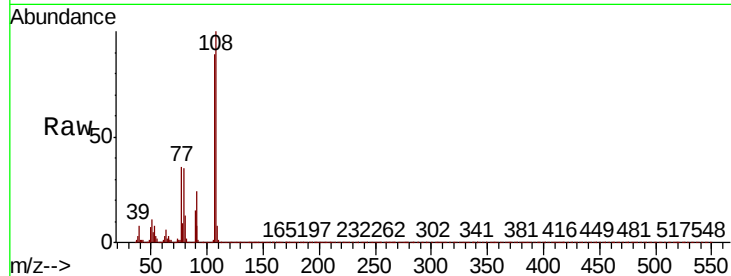
#17
2-Methylphenol
Concen: 47.186 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	90.9	136.3	
77	40.4	33.2	49.8	
79	39.6	32.8	49.2	

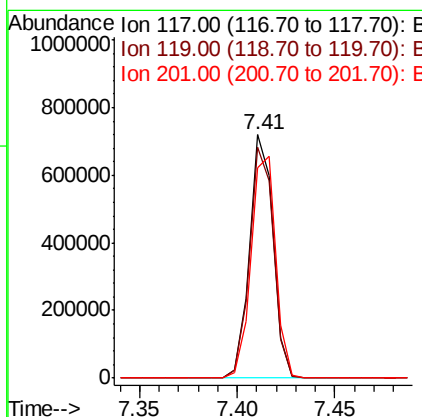
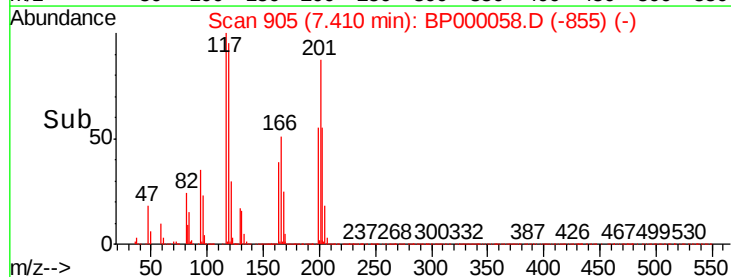
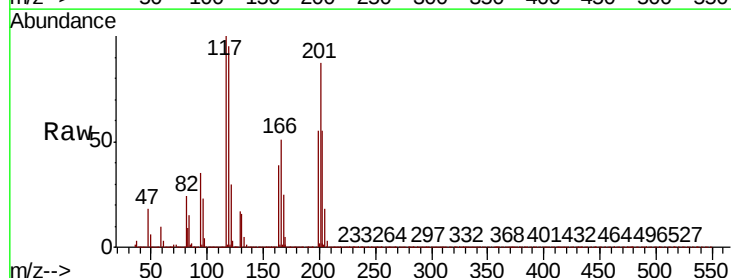
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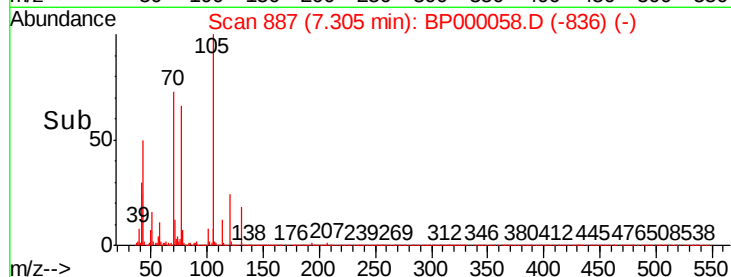
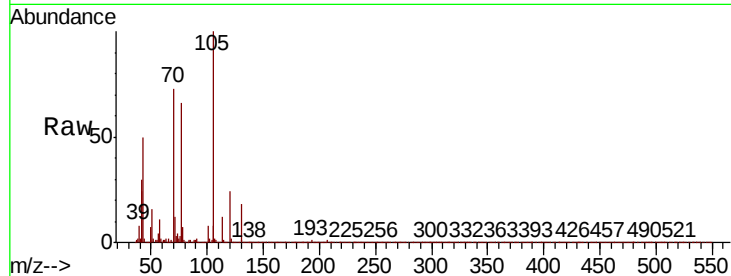
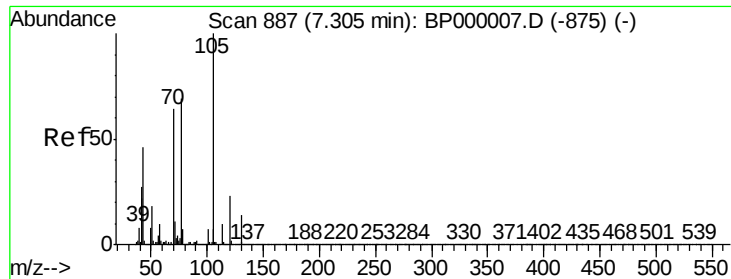
mohammad
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#18
Hexachloroethane
Concen: 45.257 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	77.0	115.6	
201	86.5	76.2	114.4	





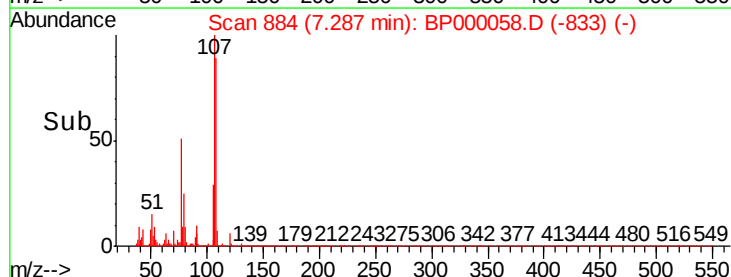
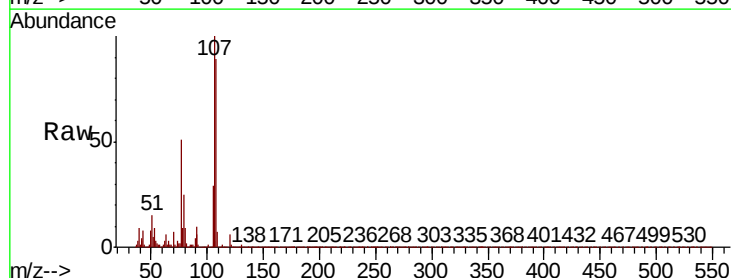
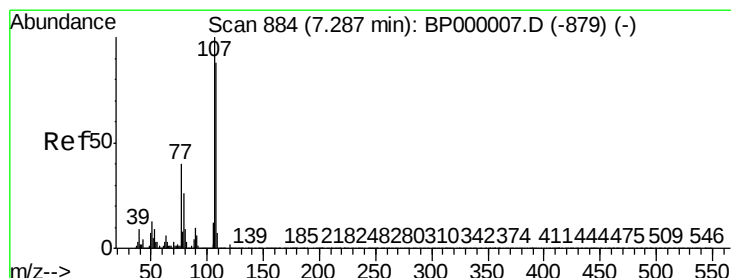
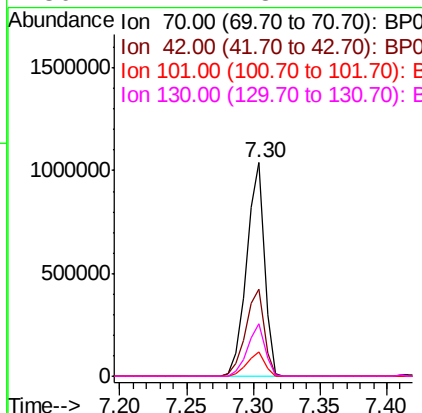
#19
n-Nitroso-di-n-propylamine
Concen: 44.188 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.7	33.8	50.6		
101	11.2	8.7	13.1		
130	24.7	18.1	27.1		

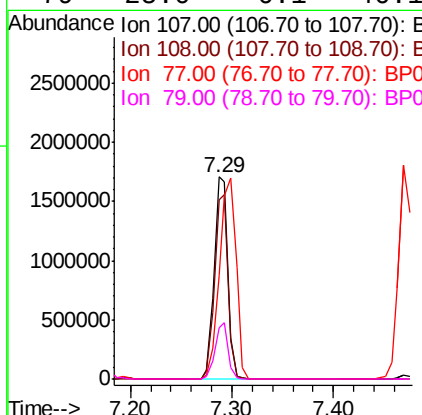
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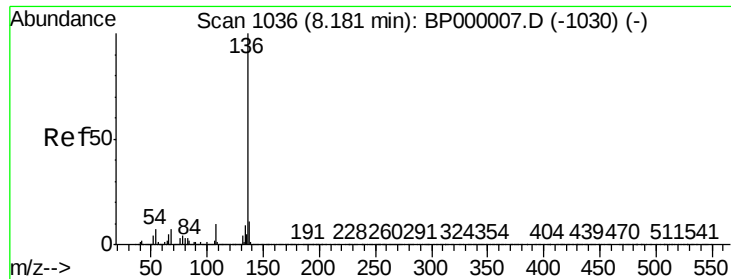
mohammad
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#20
3+4-Methylphenols
Concen: 48.440 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	68.1	108.1		
77	51.1	19.8	59.8		
79	25.0	6.1	46.1		





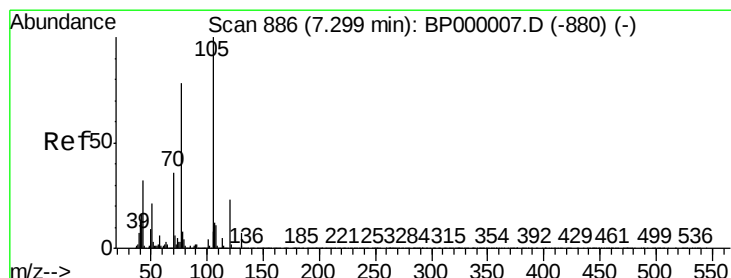
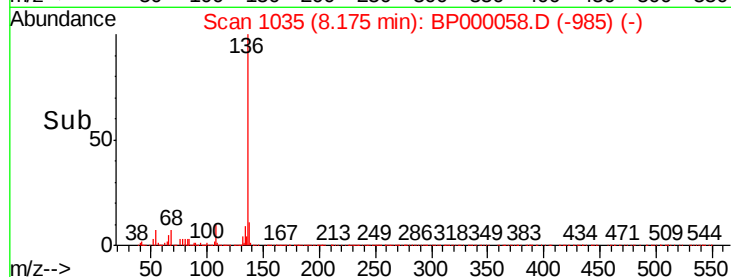
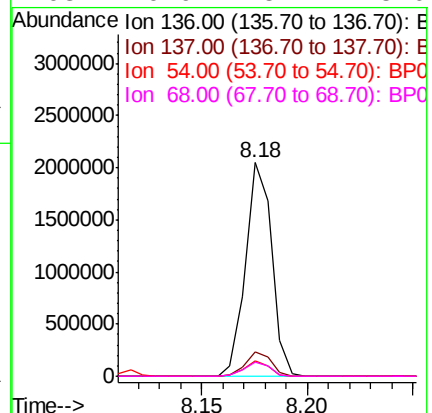
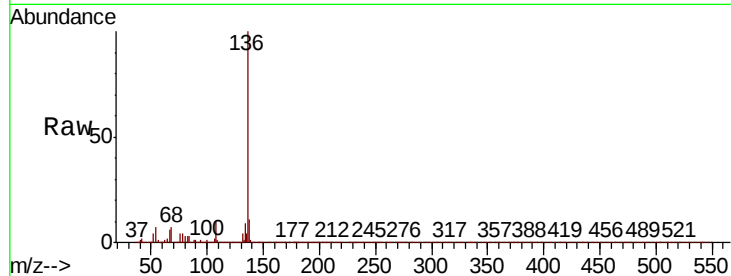
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1755147		
137	11.3	8.6	13.0		
54	7.0	5.4	8.2		
68	6.9	5.4	8.0		

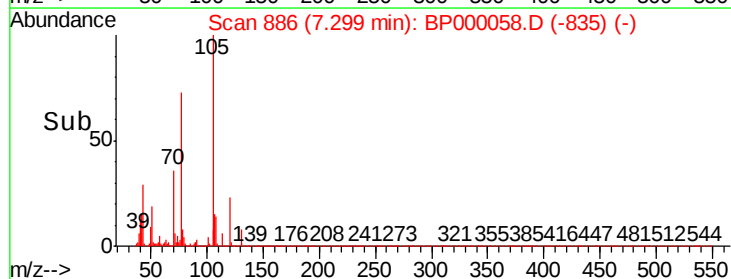
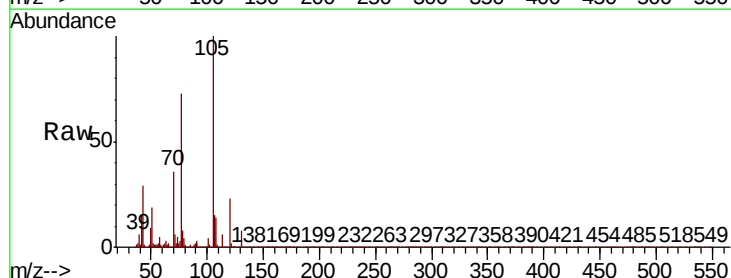
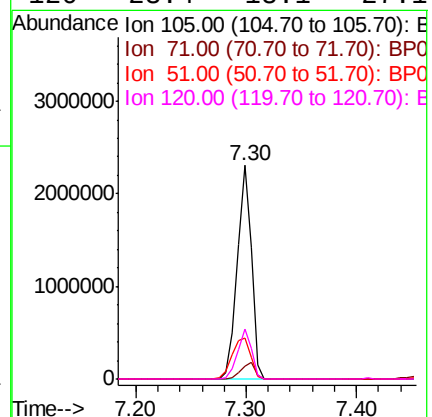
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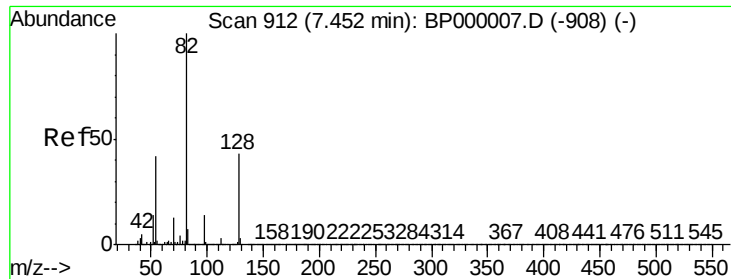
mohammad
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#22
Acetophenone
Concen: 49.802 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		2093686		
71	6.1	4.8	7.2		
51	19.4	17.0	25.4		
120	23.4	18.1	27.1		





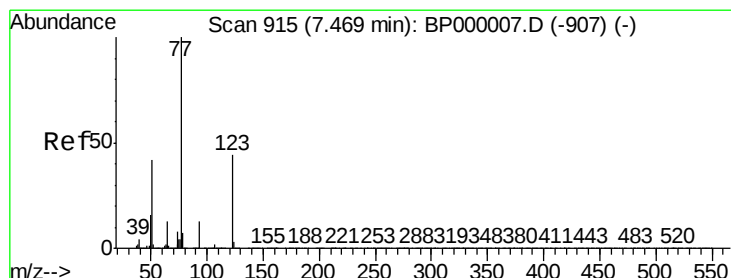
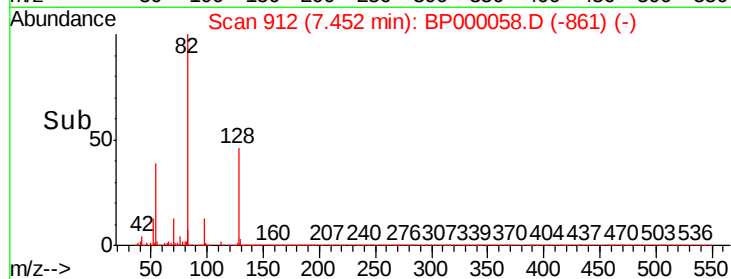
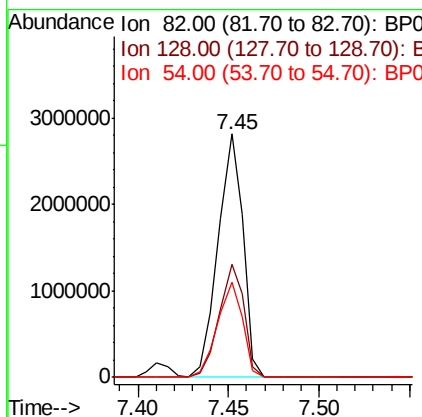
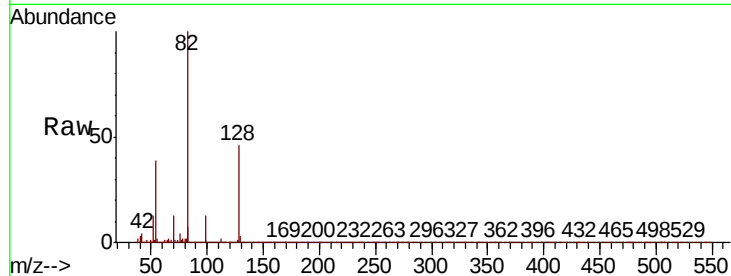
#23
 Nitrobenzene-d5
 Concen: 94.339 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BP000058.D
 Acq: 04 Sep 2019 11:45

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.5	51.7
54	39.3	33.2	49.8

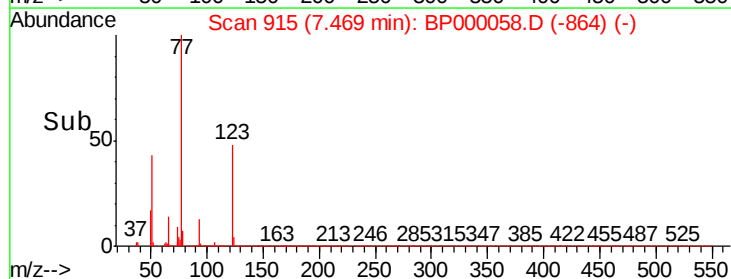
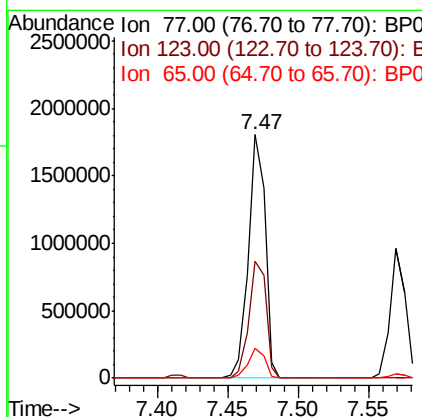
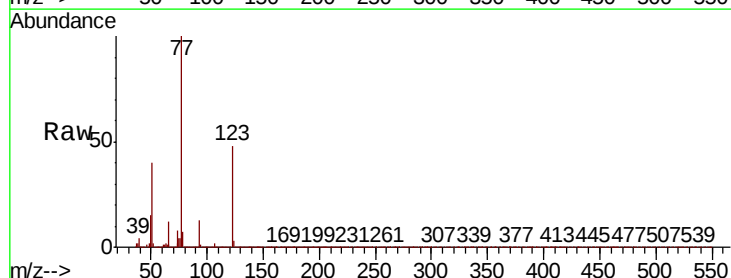
Manual Integrations
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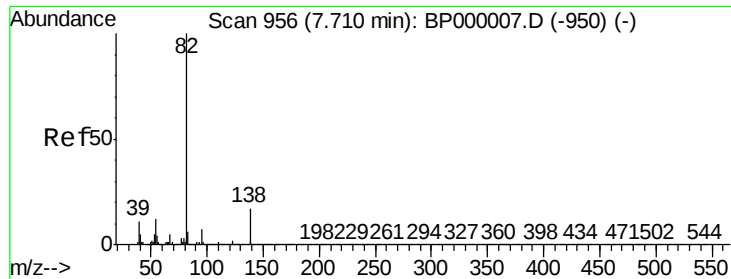
mohammad
 9/10/2019 9:51:20 AM



#24
 Nitrobenzene
 Concen: 48.625 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BP000058.D
 Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.2	35.8	53.8
65	12.4	10.1	15.1





#25

Isophorone

Concen: 47.019 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

ClientSampleId :

SB-4-(7-9)MSD

Tot Ion: 82 Resp: 2841732

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

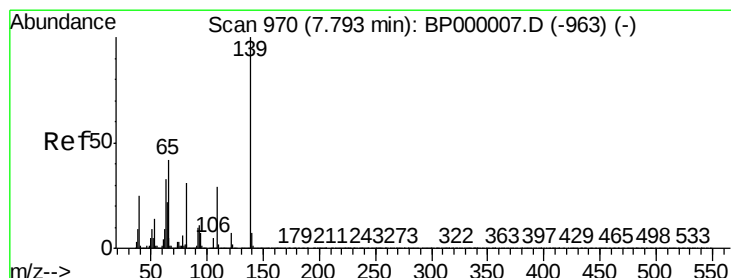
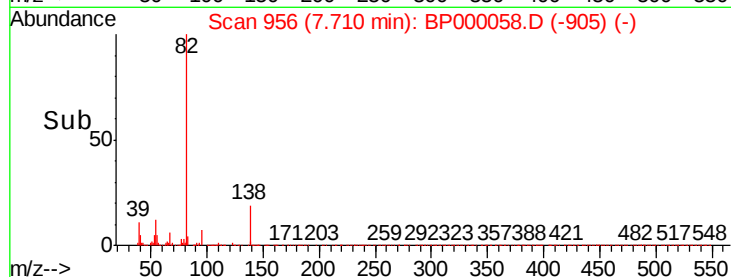
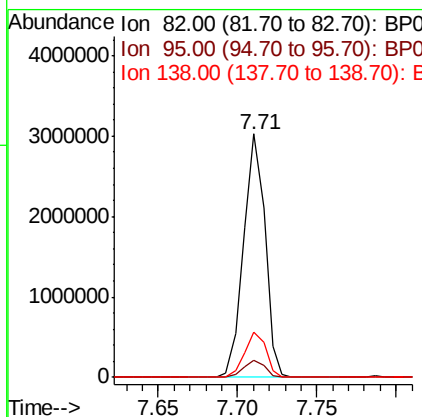
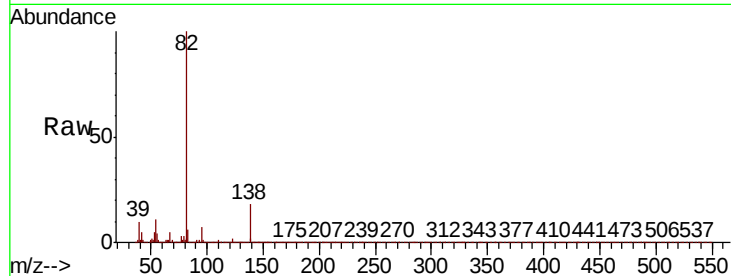
138 18.4 13.8 20.6

Manual Integrations

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#26

2-Nitrophenol

Concen: 58.633 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

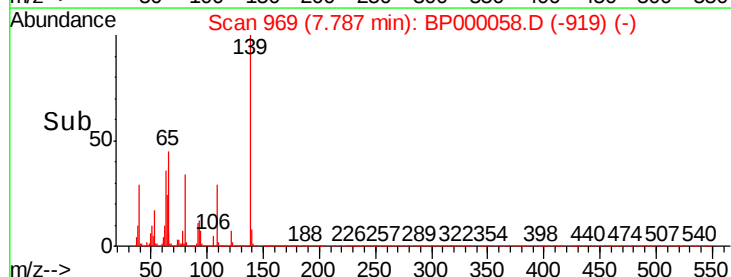
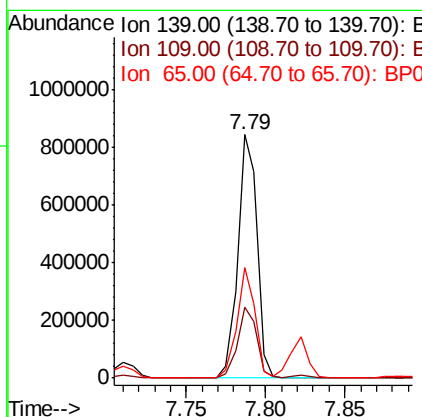
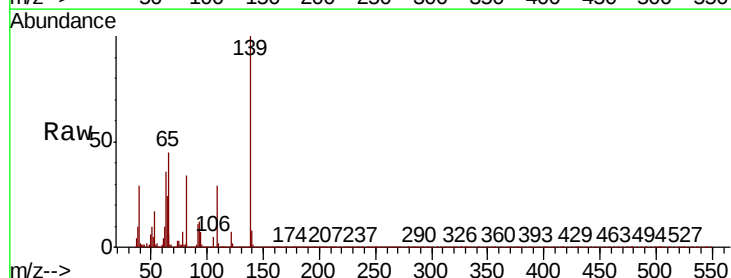
Tgt Ion: 139 Resp: 707564

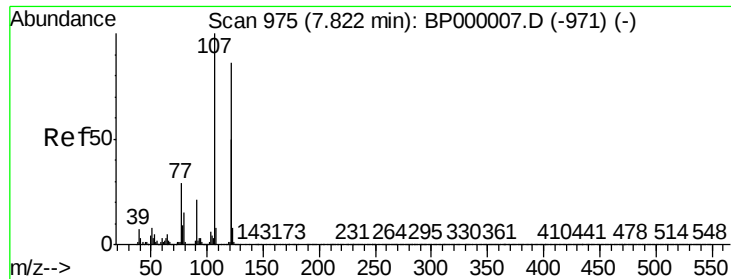
Ion Ratio Lower Upper

139 100

109 29.1 23.4 35.0

65 45.5 33.4 50.0





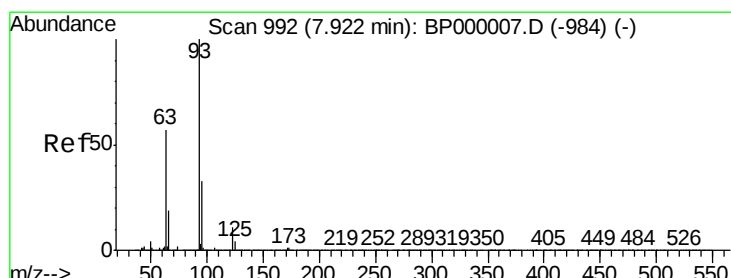
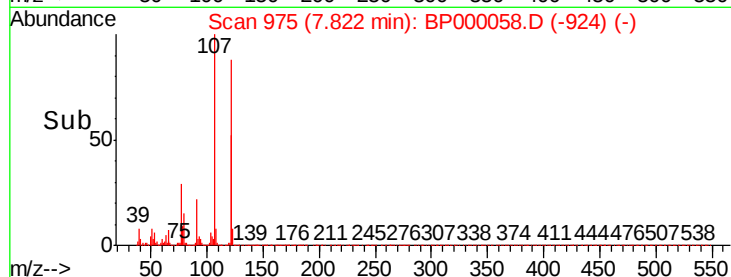
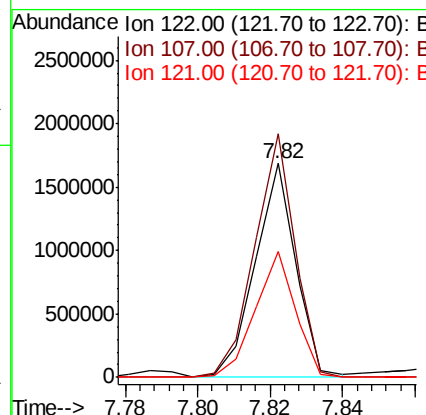
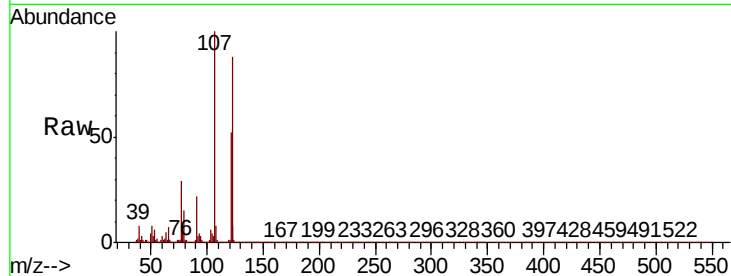
#27
2,4-Dimethylphenol
Concen: 53.169 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.9	92.9	139.3
121	58.7	46.8	70.2

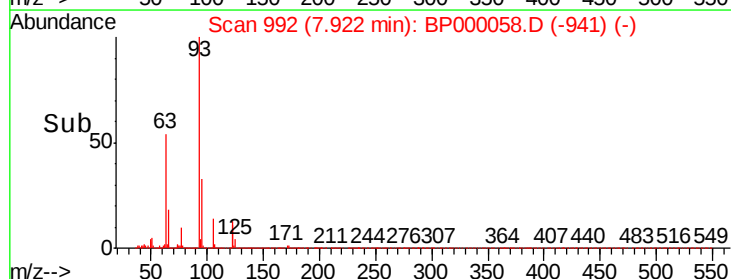
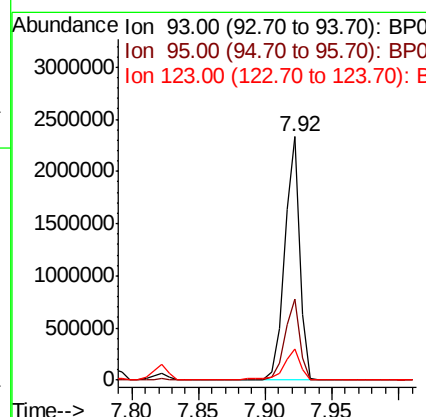
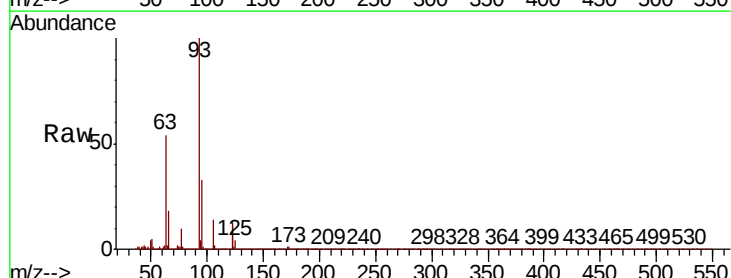
Manual Integrations
APPROVED

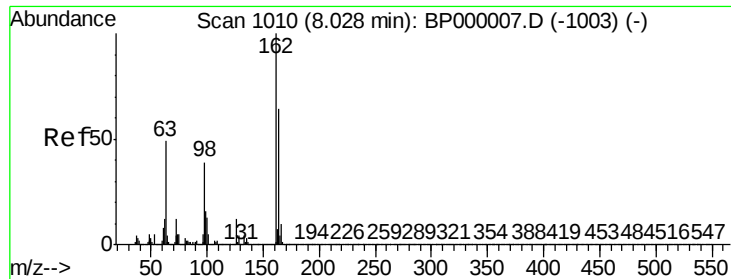
mohammad
9/10/2019 9:51:20 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.651 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.1	39.1
123	12.8	9.0	13.4





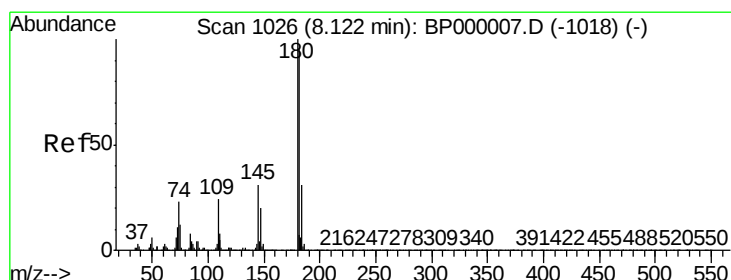
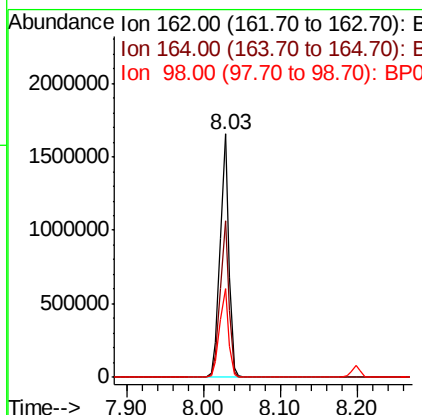
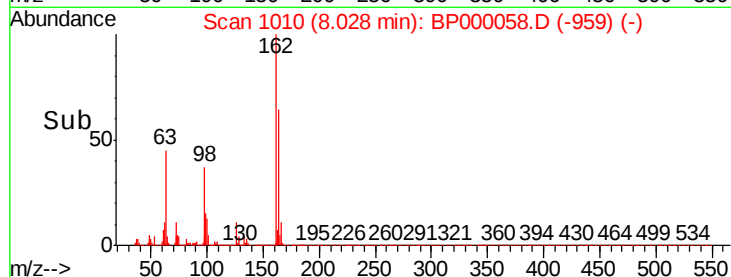
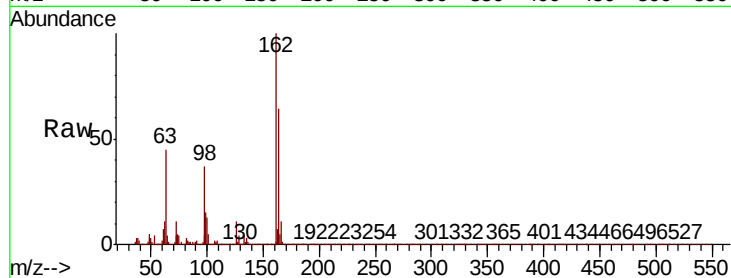
#29
2,4-Dichlorophenol
Concen: 51.689 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.2	84.2
98	36.6	18.7	58.7

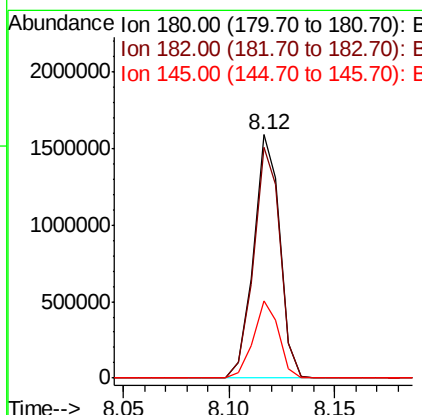
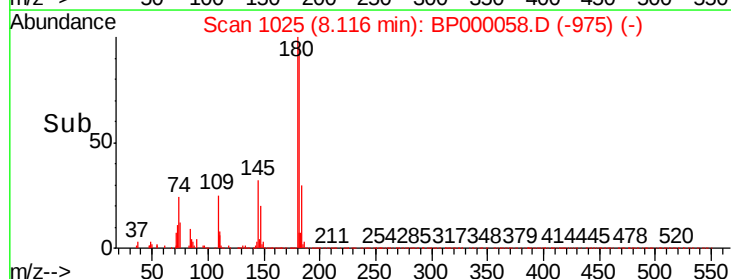
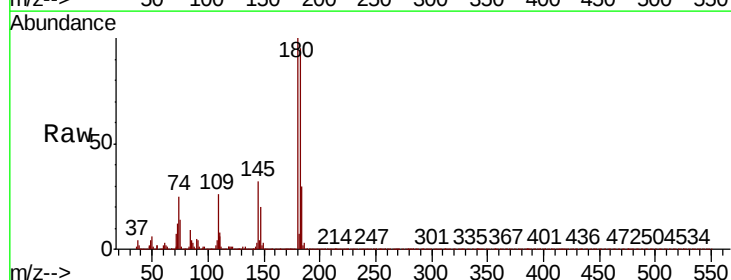
Manual Integrations
APPROVED

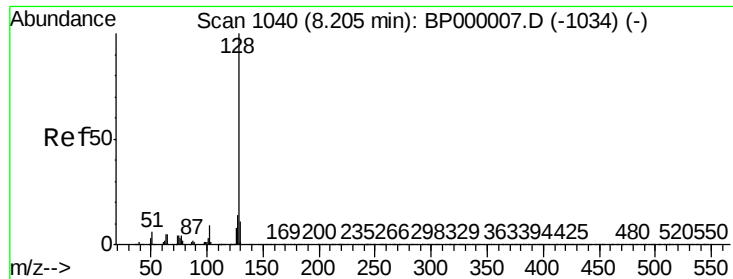
mohammad
9/10/2019 9:51:20 AM



#30
1,2,4-Trichlorobenzene
Concen: 48.259 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.7	115.1
145	31.8	24.8	37.2





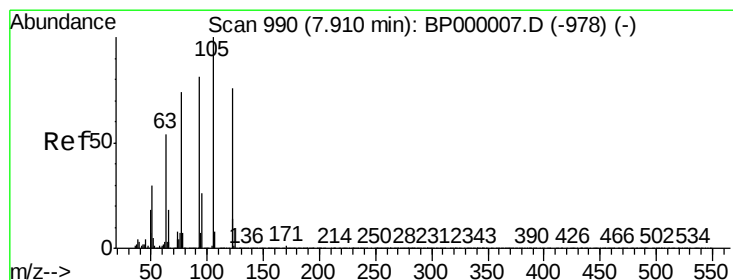
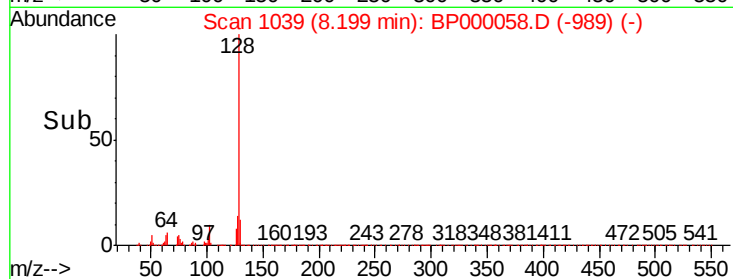
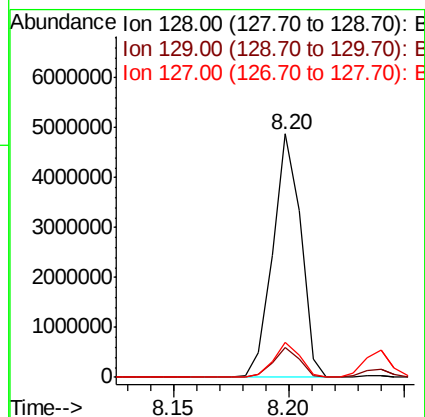
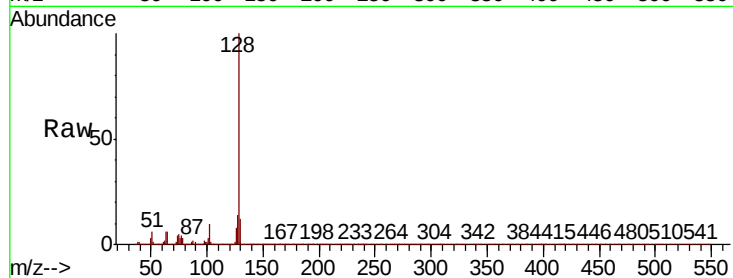
#31
Naphthalene
Concen: 50.787 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	14.4	11.0	16.6

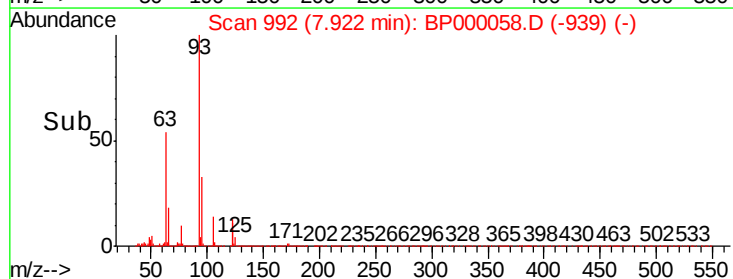
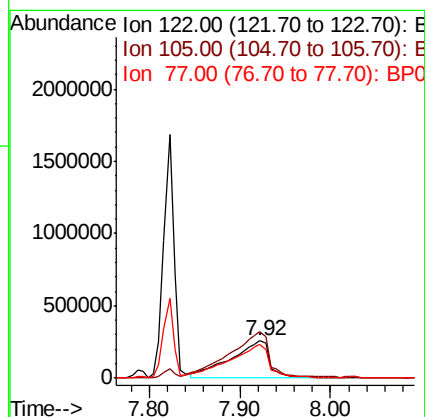
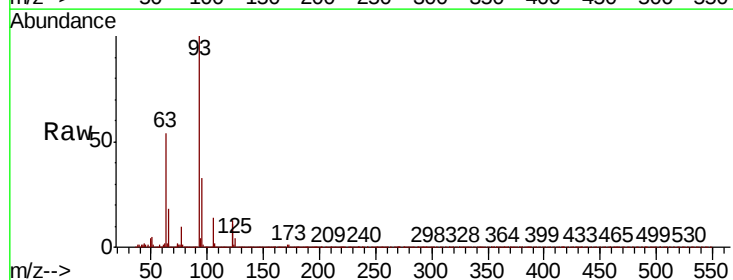
Manual Integrations
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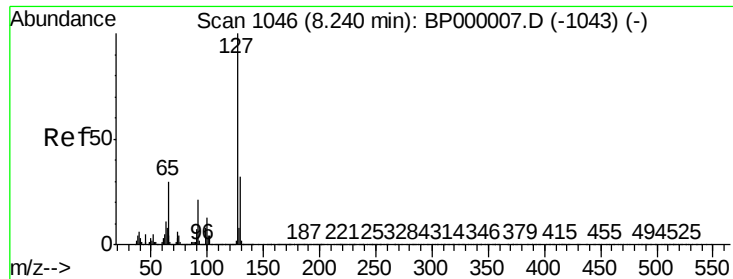
mohammad
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#32
Benzoic acid
Concen: 46.405 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.5	104.6	144.6
77	91.2	74.1	114.1





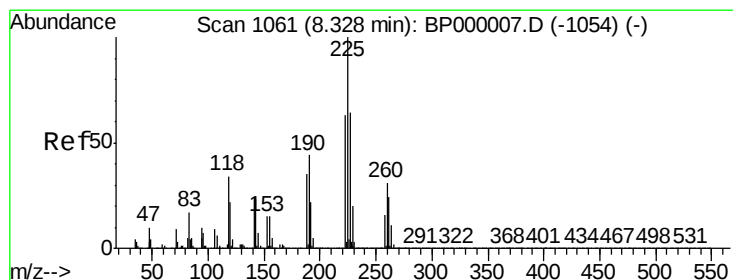
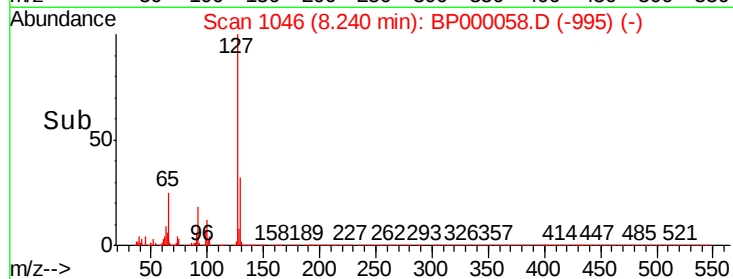
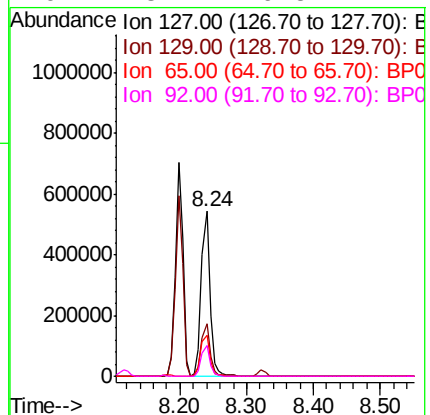
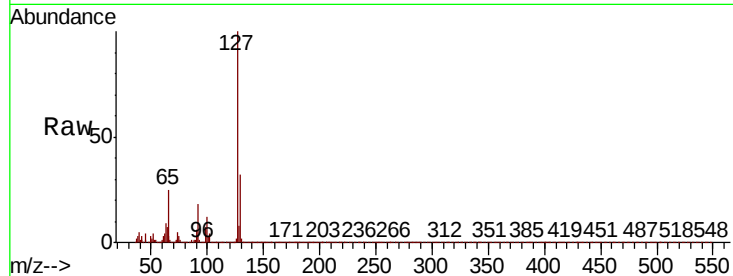
#33
4-Chloroaniline
Concen: 12.384 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampled :
SB-4-(7-9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		470333		
129	32.0	25.8	38.6		
65	25.2	24.2	36.2		
92	18.4	16.5	24.7		

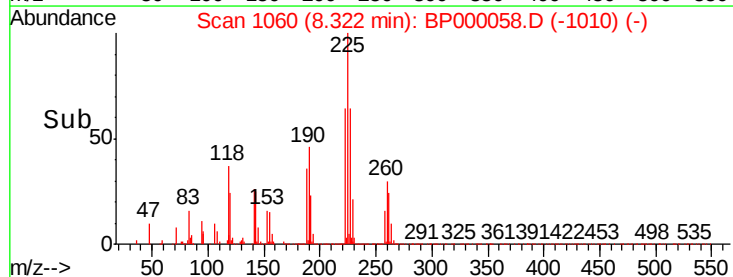
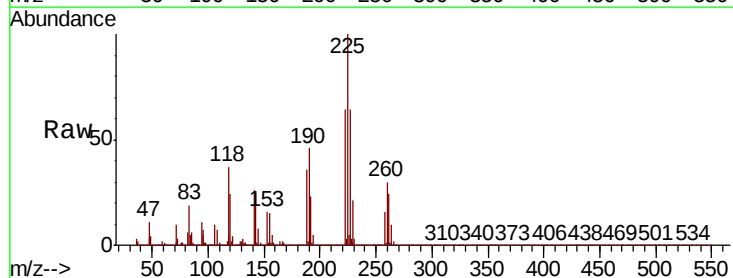
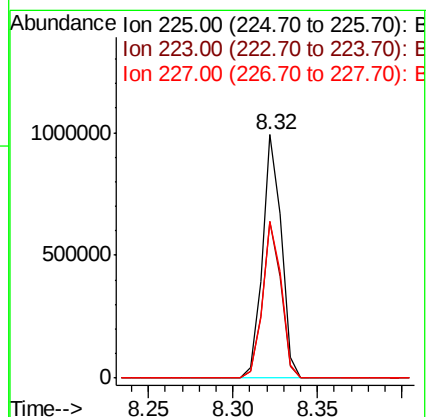
Manual Integrations
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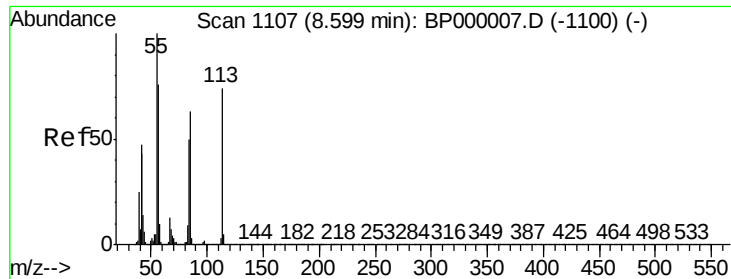
mohammad
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#34
Hexachlorobutadiene
Concen: 47.810 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		769006		
223	64.1	50.6	76.0		
227	64.1	51.0	76.4		





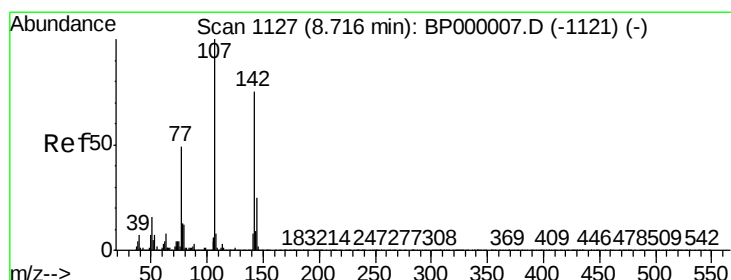
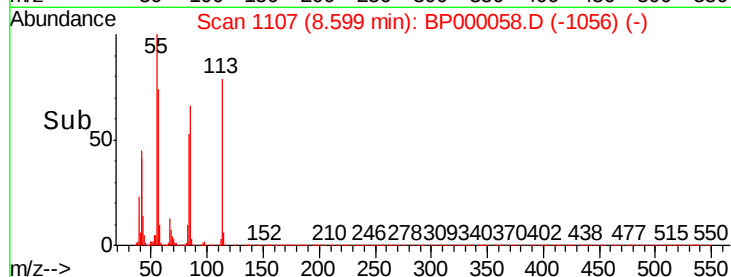
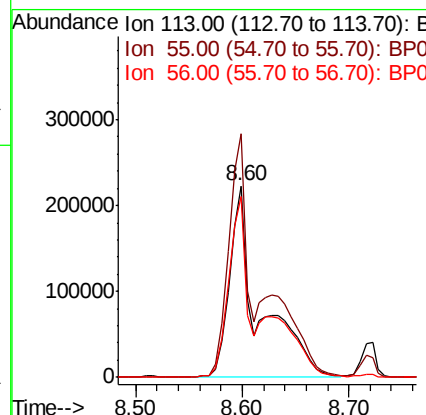
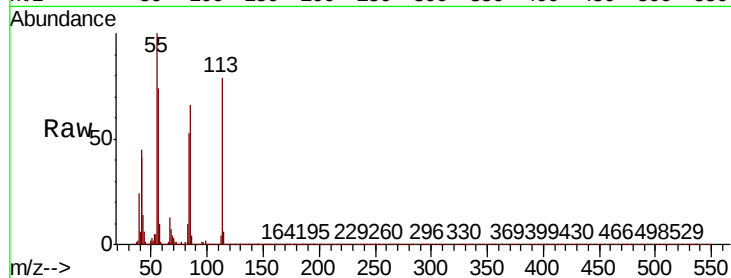
#35
Caprolactam
Concen: 48.264 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		429791		
55	127.3		114.6	154.6	
56	94.3		82.1	122.1	

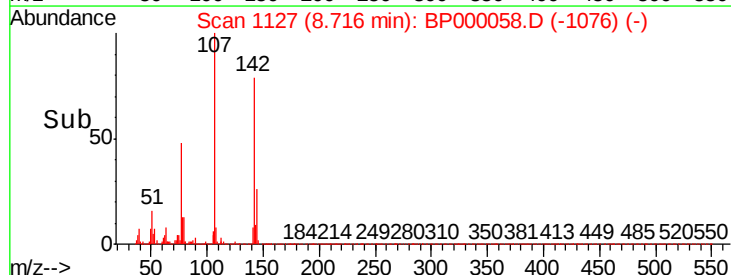
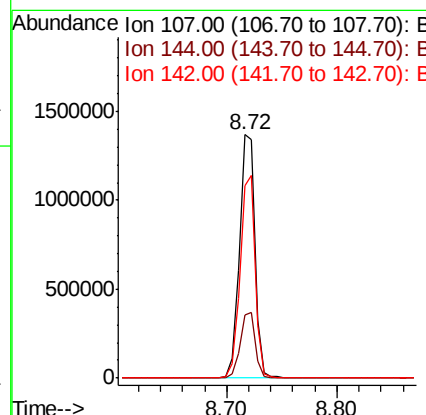
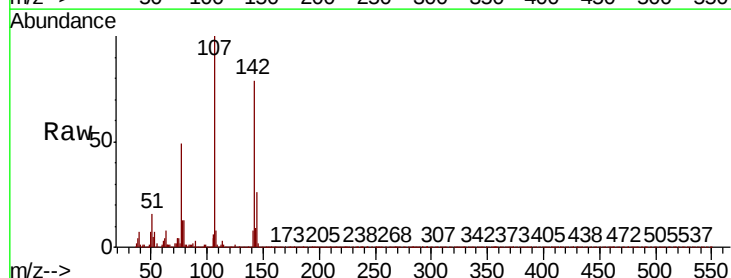
Manual Integrations
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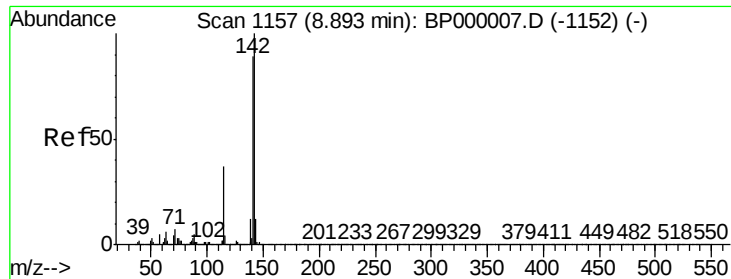
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 49.504 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		1352499		
144	25.9		19.8	29.6	
142	79.3		60.4	90.6	





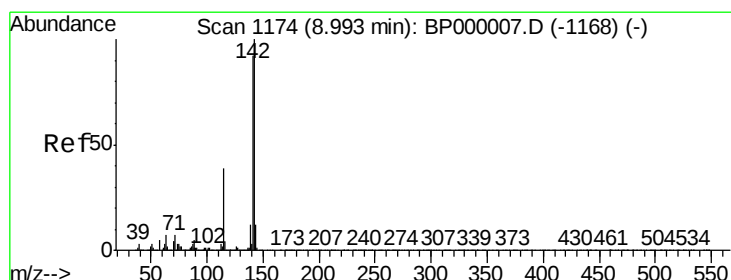
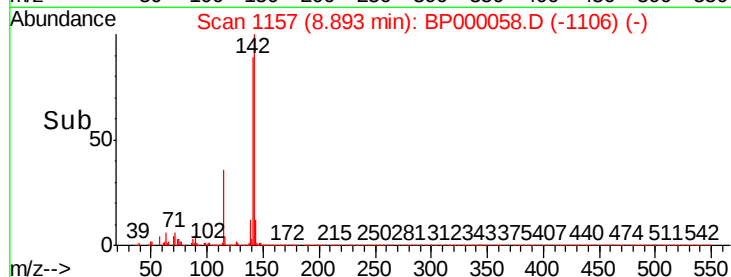
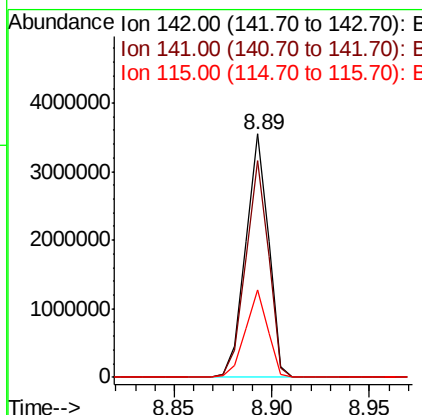
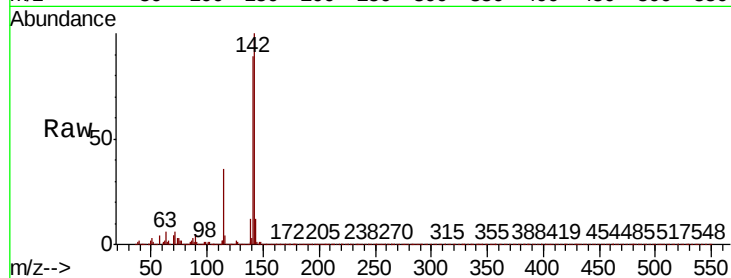
#37
2-Methylnaphthalene
Concen: 51.268 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.0	106.4
115	36.0	29.4	44.2

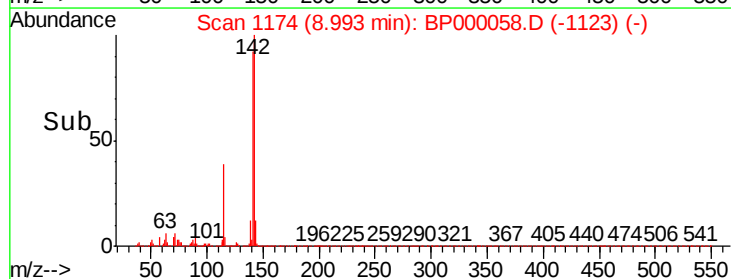
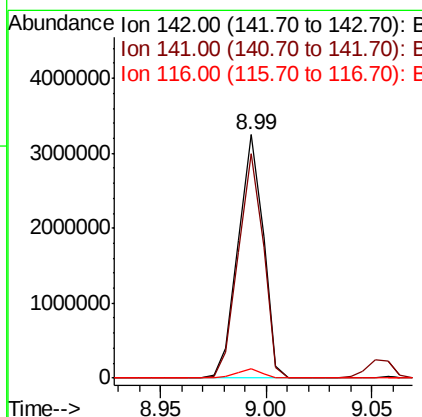
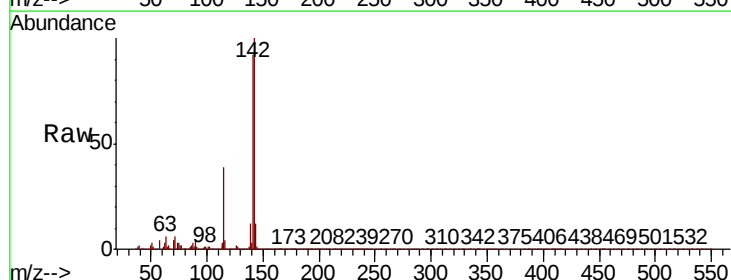
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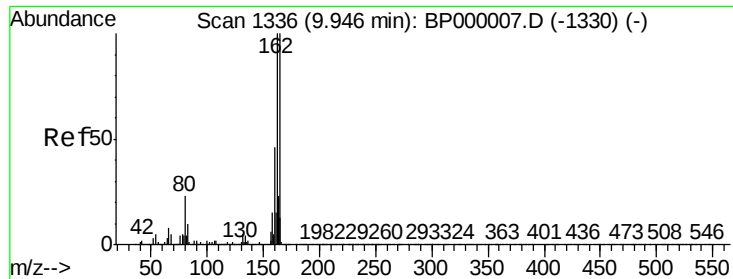
mohammad
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#38
1-Methylnaphthalene
Concen: 50.302 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.6	110.4
116	4.1	3.4	5.0





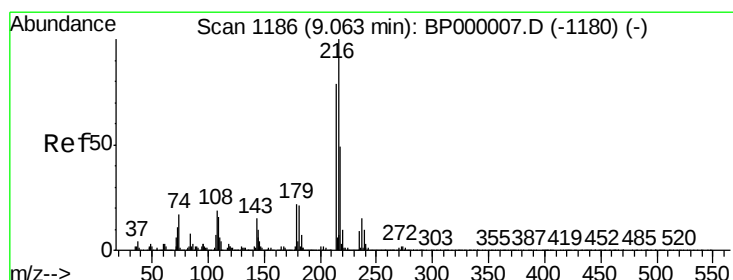
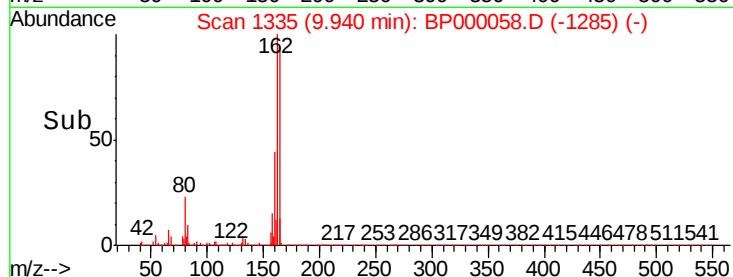
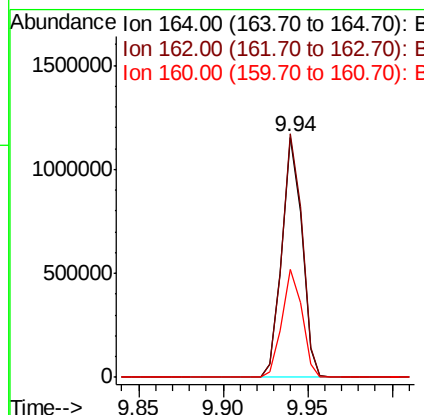
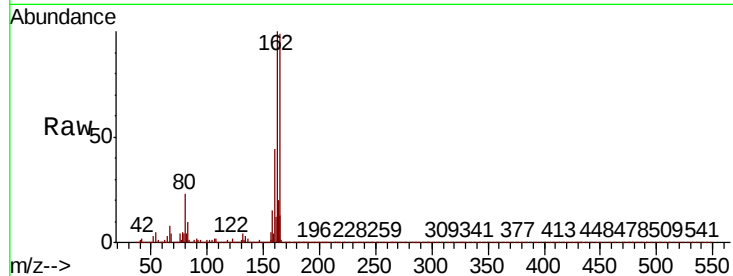
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.4
160	44.8	36.6	55.0

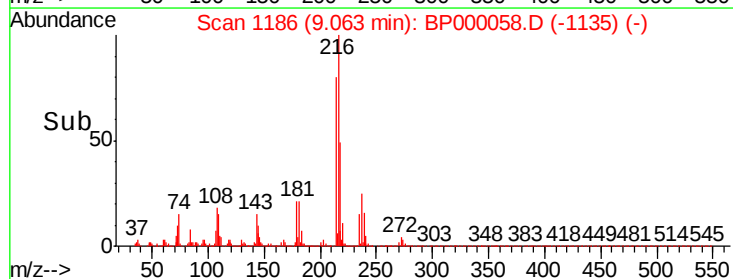
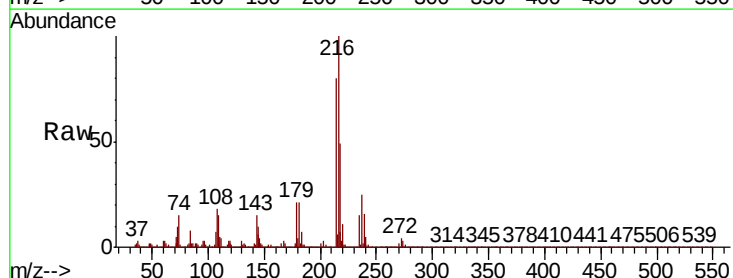
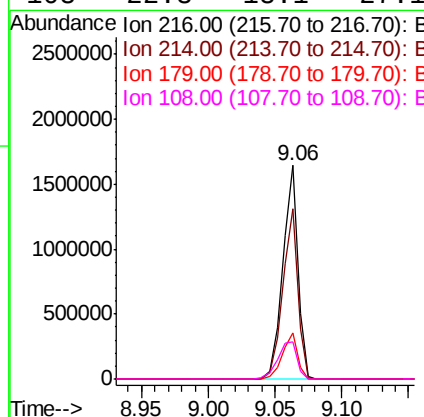
Manual Integrations
APPROVED

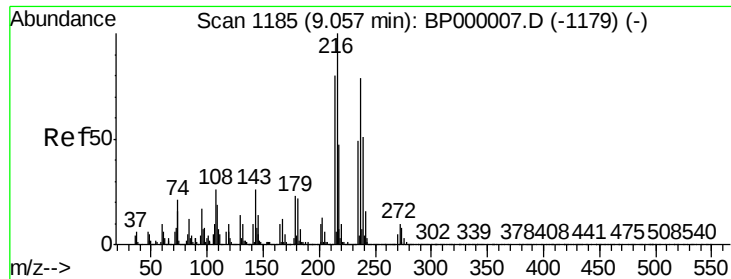
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.481 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	21.6	17.8	26.6
108	22.3	18.1	27.1





#41

Hexachlorocyclopentadiene

Concen: 106.920 ng

RT: 9.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

ClientSampleId :

SB-4-(7-9)MSD

Tot Ion:237 Resp: 1565586

Ion Ratio Lower Upper

237 100

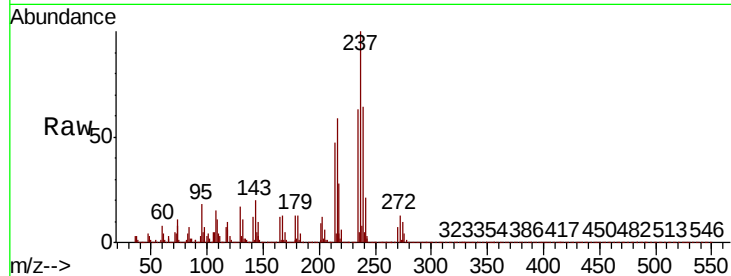
235 62.6 42.0 82.0

272 12.8 0.0 33.1

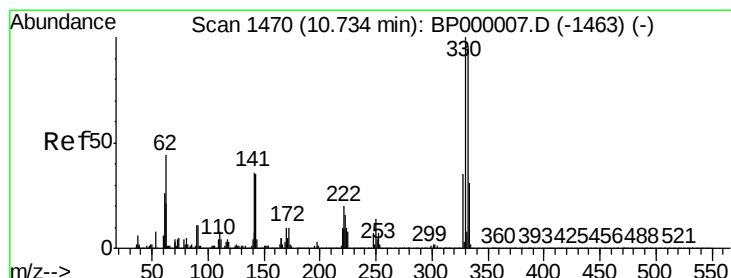
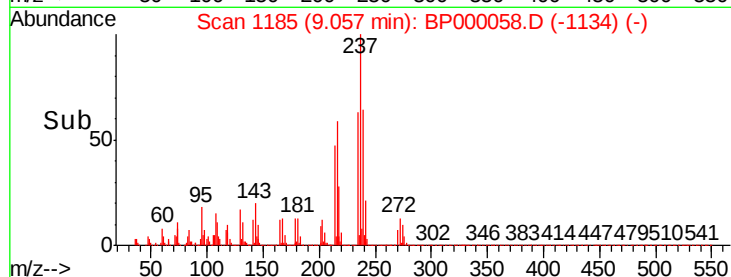
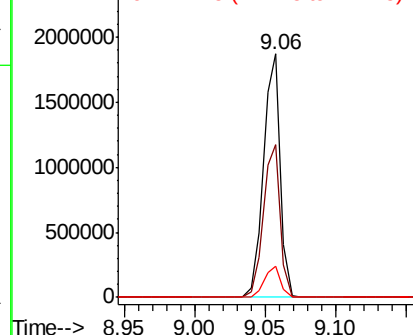
Manual Integrations
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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 142.014 ng

RT: 10.73 min Scan# 1470

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

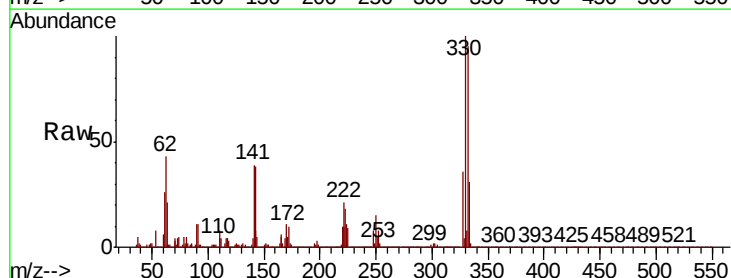
Tgt Ion:330 Resp: 1124646

Ion Ratio Lower Upper

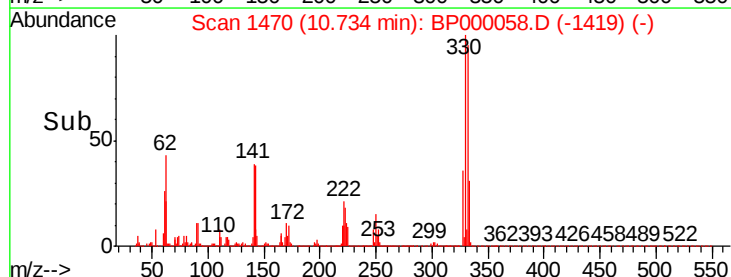
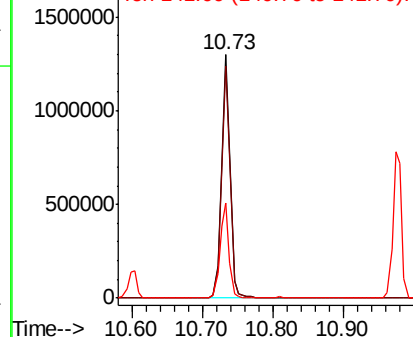
330 100

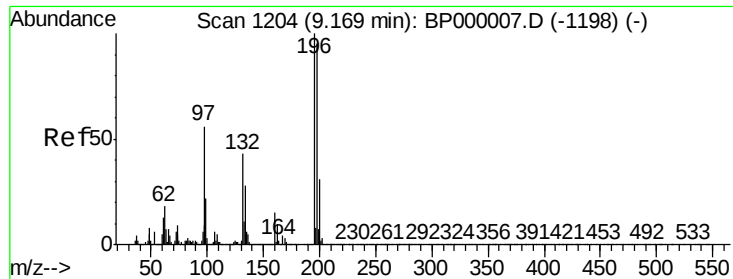
332 95.7 76.8 115.2

141 39.9 33.6 50.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





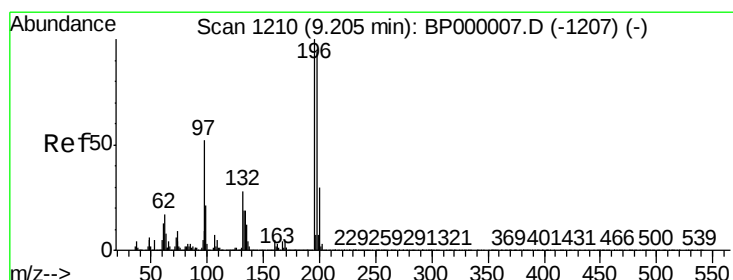
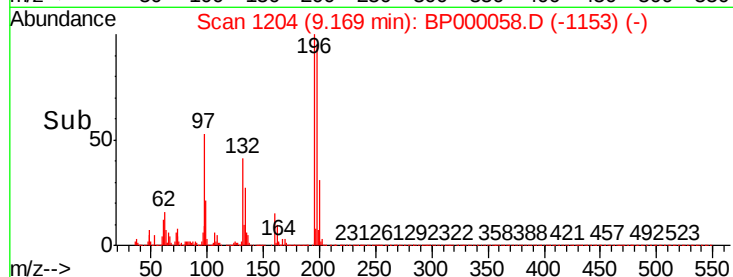
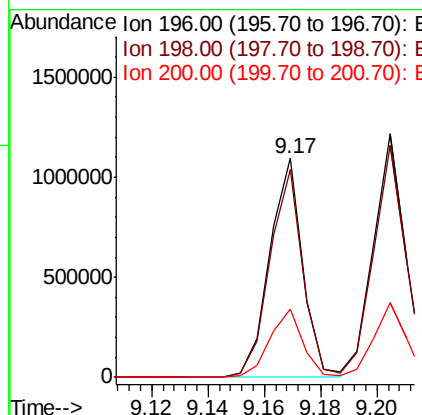
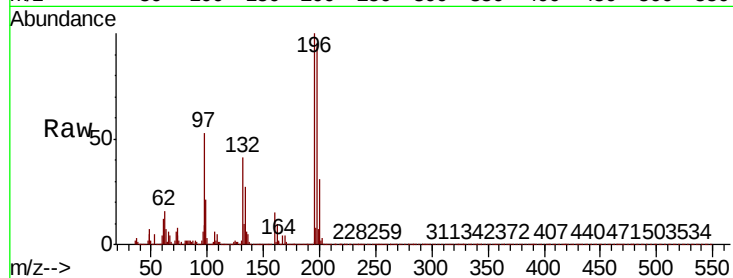
#43
 2,4,6-Trichlorophenol
 Concen: 48.460 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BP000058.D
 Acq: 04 Sep 2019 11:45

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	888717		
198	94.9	76.2	114.2	
200	31.2	25.0	37.4	

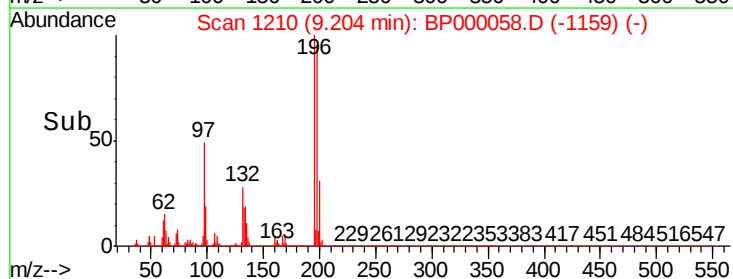
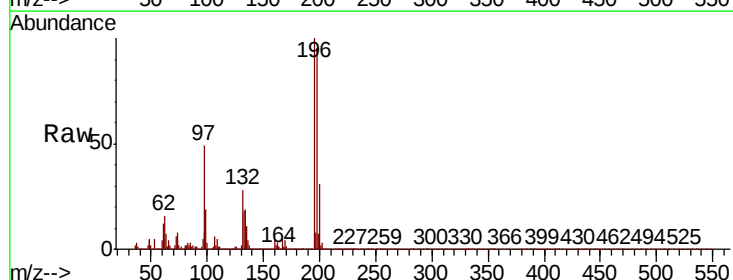
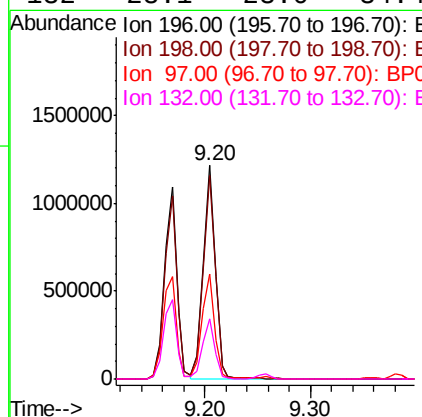
Manual Integrations
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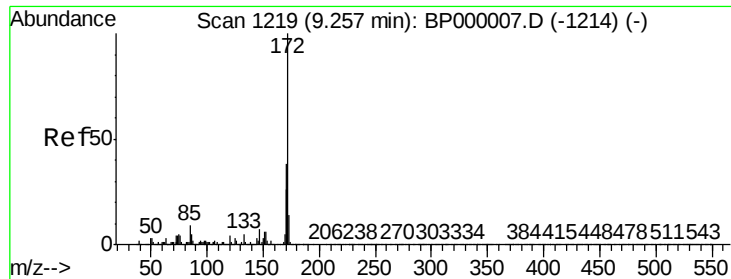
mohammad
 9/10/2019 9:51:20 AM



#44
 2,4,5-Trichlorophenol
 Concen: 50.247 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BP000058.D
 Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	964137		
198	95.2	74.9	112.3	
97	48.9	42.2	63.2	
132	28.1	23.0	34.4	





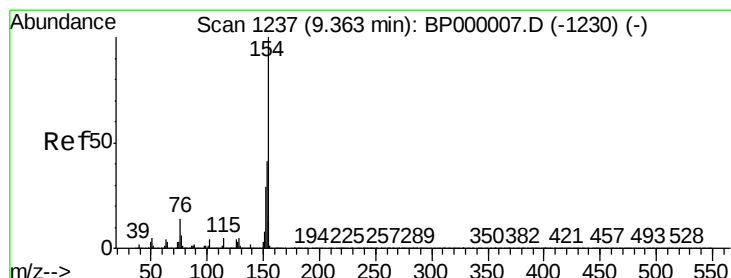
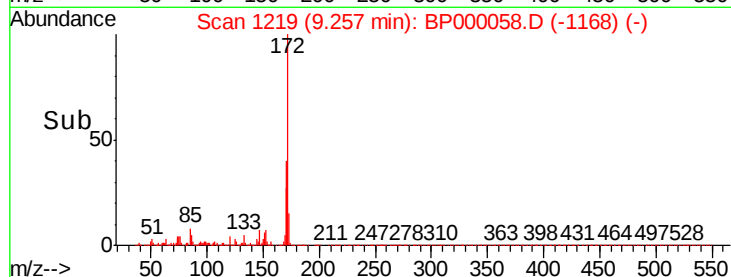
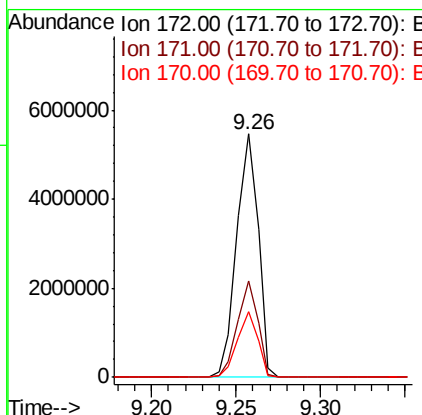
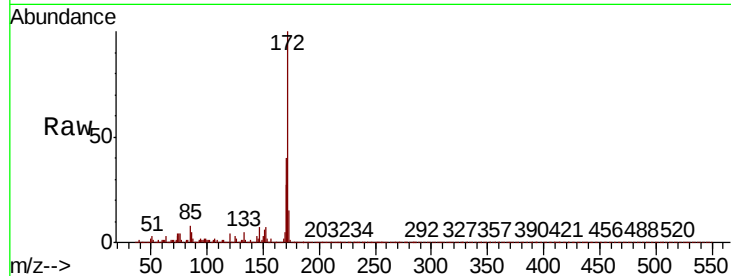
#45
2-Fluorobiphenyl
Concen: 86.013 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	30.7	46.1
170	26.9	20.7	31.1

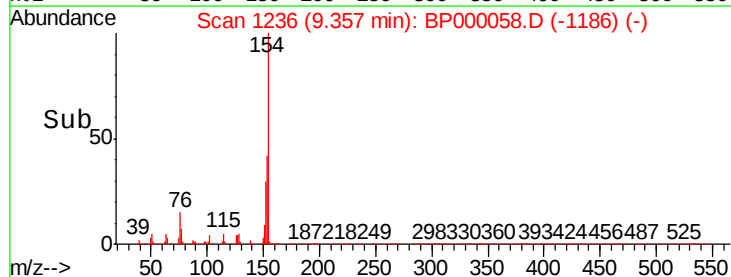
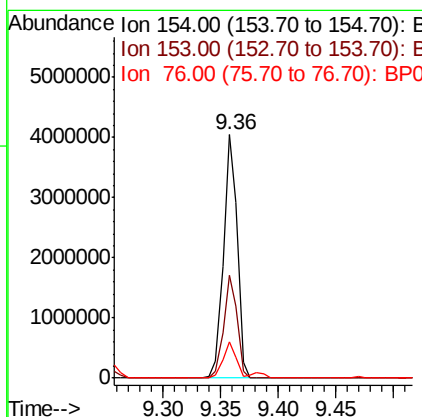
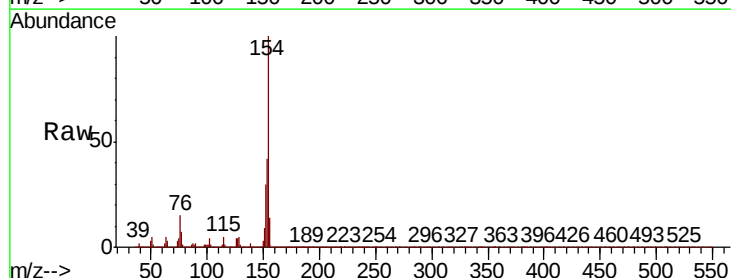
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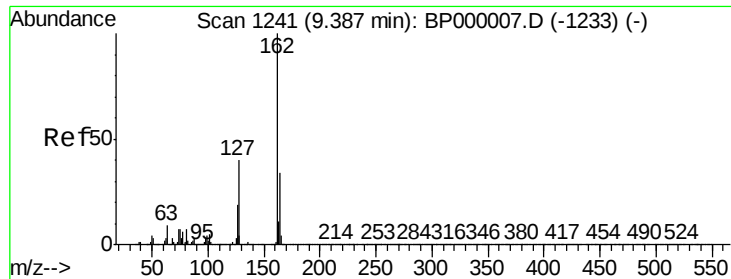
mohammad
9/10/2019 9:51:20 AM



#46
1,1'-Biphenyl
Concen: 50.116 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.1	61.1
76	15.1	0.0	33.7





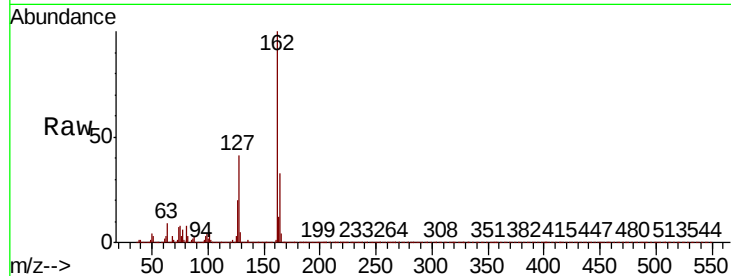
#47
2-Chloronaphthalene
Concen: 48.039 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.2	48.4
164	33.4	26.9	40.3

Manual Integrations
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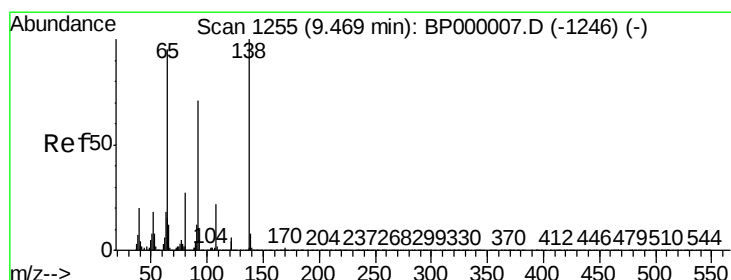
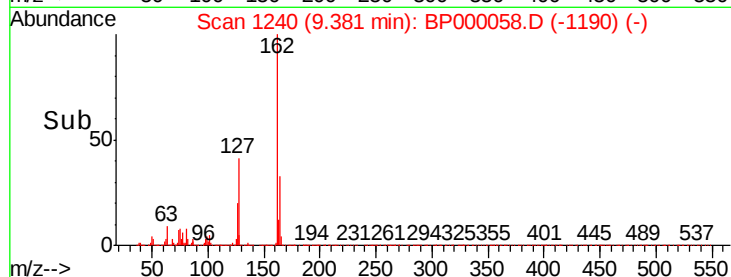
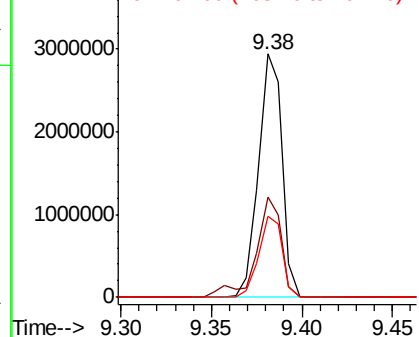


Abundance

Ion 162.00 (161.70 to 162.70): E

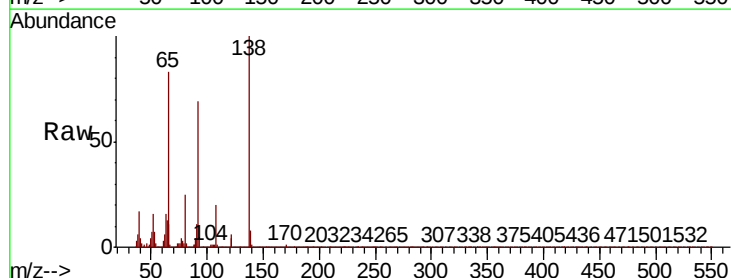
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 46.043 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
65	100		
92	82.6	60.3	90.5
138	120.3	84.5	126.7

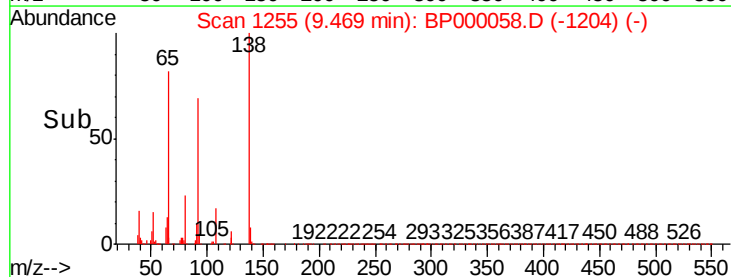
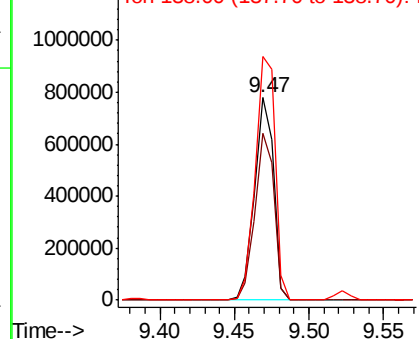


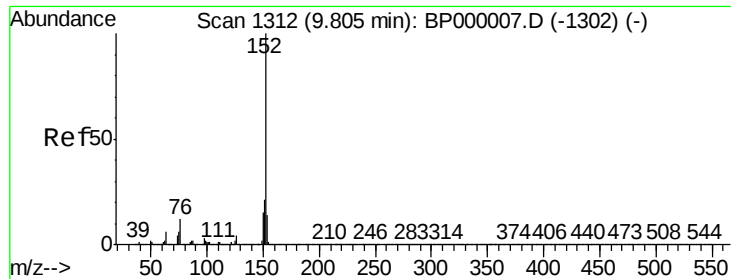
Abundance

Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





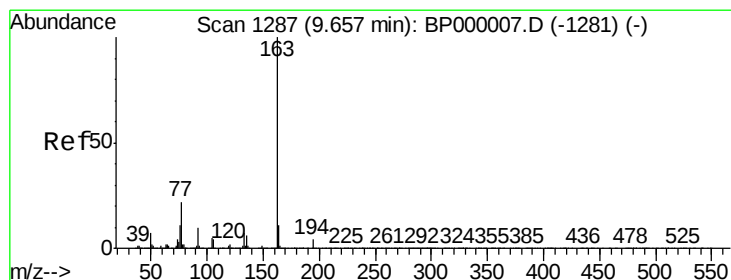
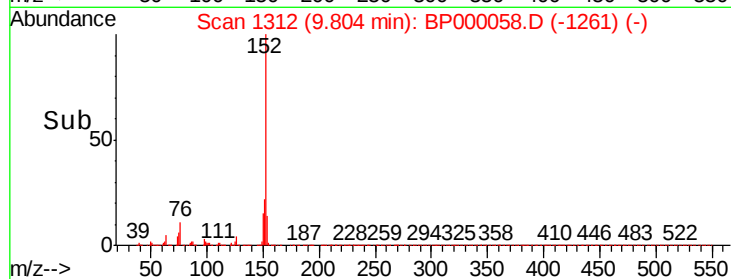
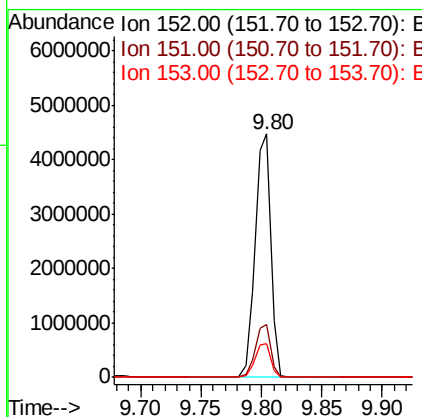
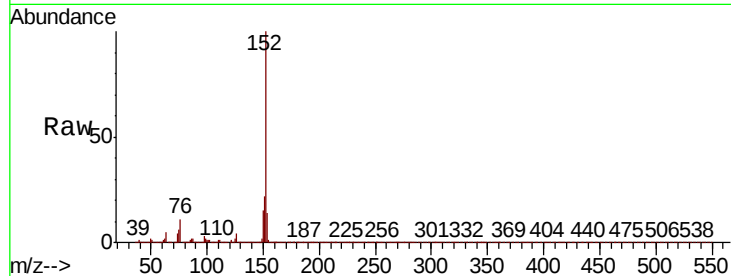
#49
Acenaphthylene
Concen: 49.989 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6
153	14.0	11.0	16.6

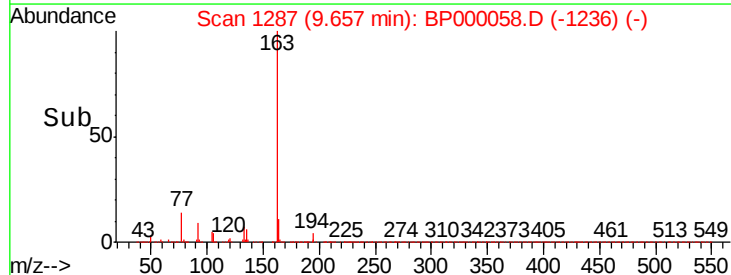
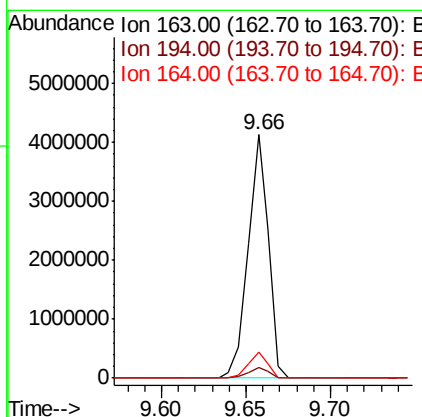
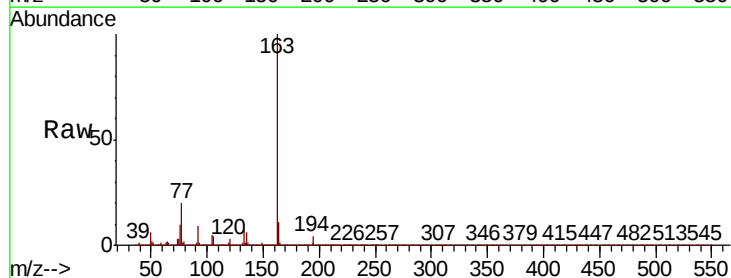
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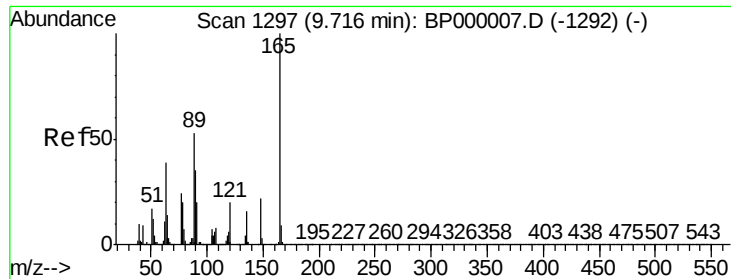
mohammad
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#50
Dimethylphthalate
Concen: 54.164 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.9	8.4	12.6





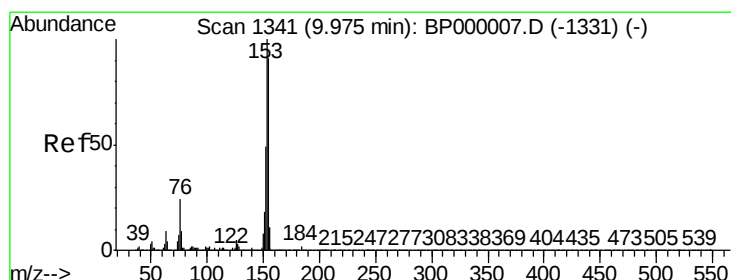
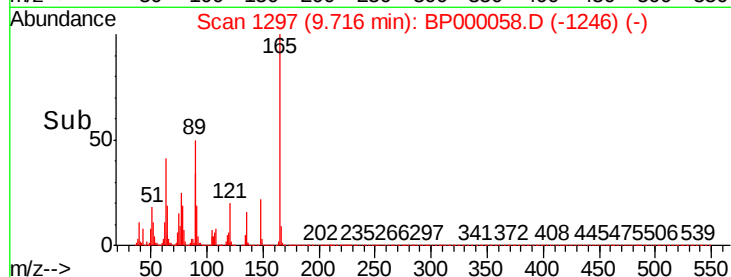
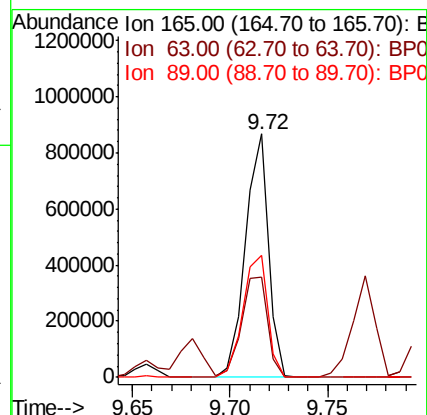
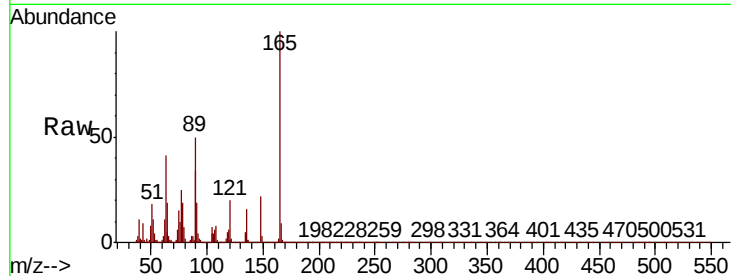
#51
2,6-Dinitrotoluene
Concen: 52.221 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	709661		
63	41.4	35.8	53.6	
89	50.3	42.2	63.4	

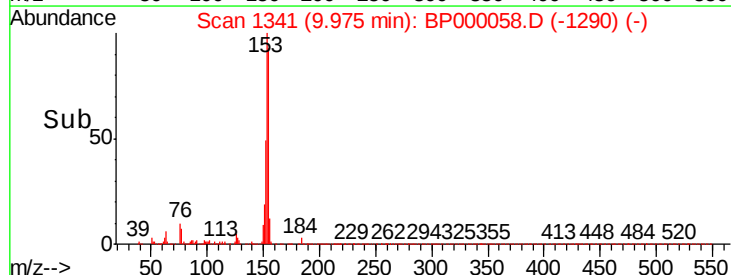
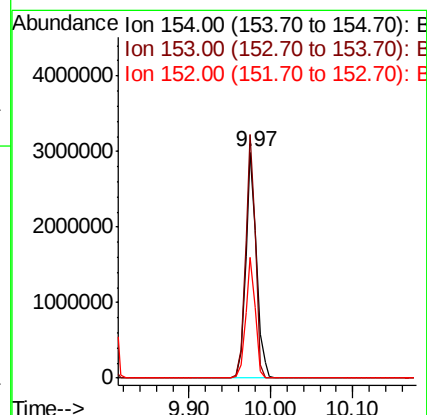
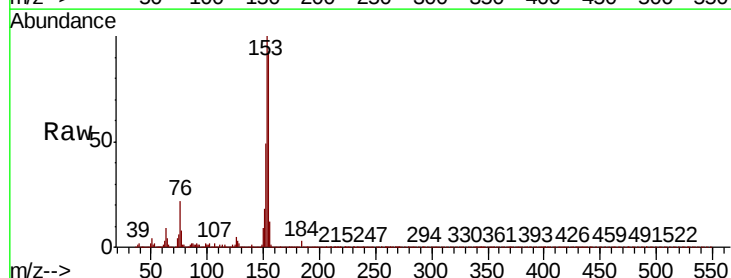
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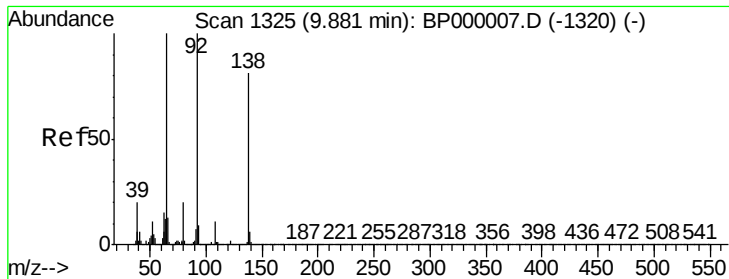
mohammad
9/10/2019 9:51:20 AM



#52
Acenaphthene
Concen: 53.522 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2743705		
153	107.8	88.2	132.2	
152	53.2	42.9	64.3	





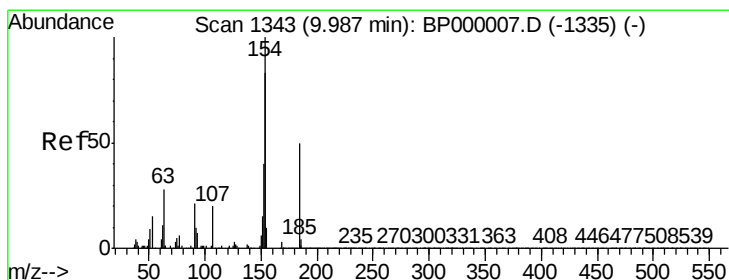
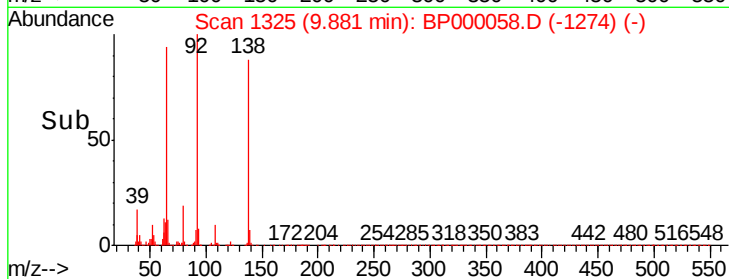
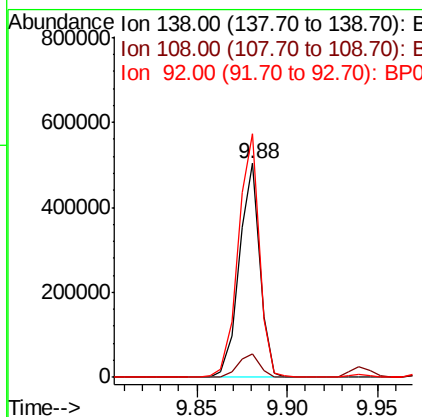
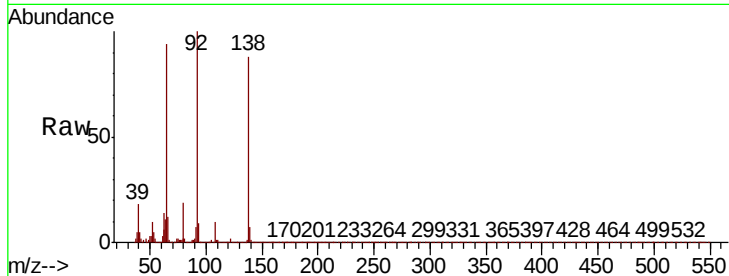
#53
3-Nitroaniline
Concen: 24.453 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.2	11.0	16.4	
92	113.9	98.2	147.4	

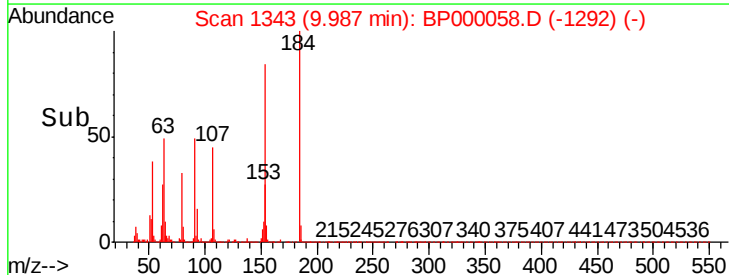
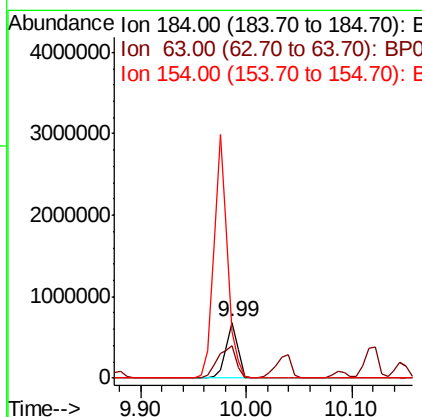
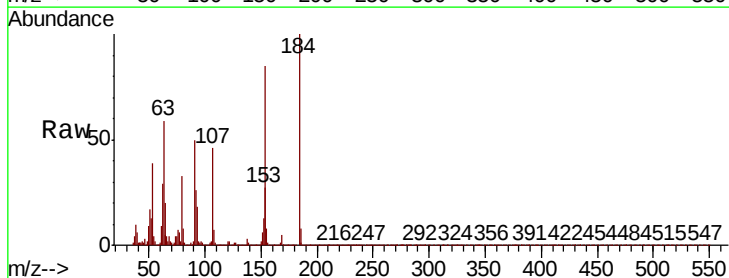
Manual Integrations
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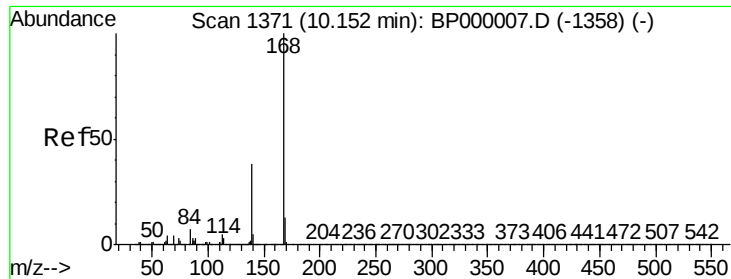
mohammad
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#54
2,4-Dinitrophenol
Concen: 104.700 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	58.8	46.0	69.0	
154	84.5	161.9	242.9#	





#55

Dibenzofuran

Concen: 50.227 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

ClientSampleId :

SB-4-(7-9)MSD

Tot Ion:168 Resp: 3656228

Ion Ratio Lower Upper

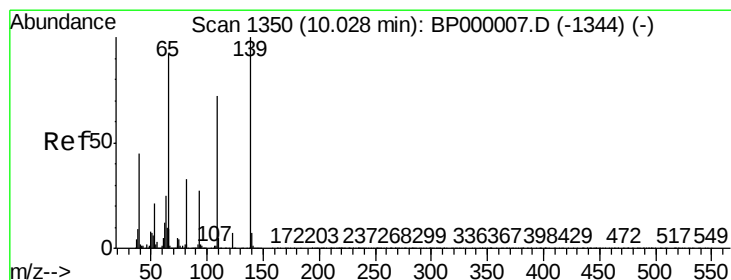
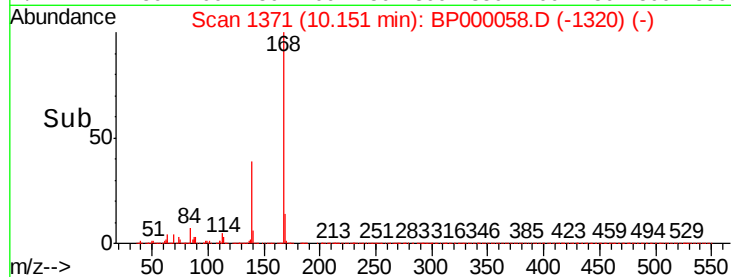
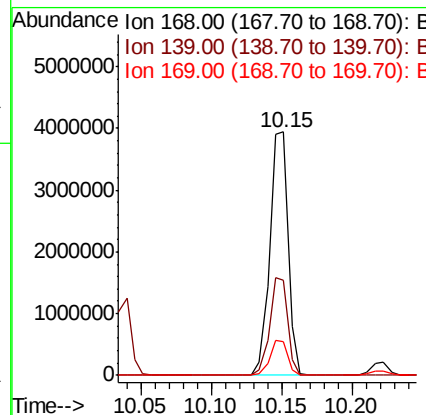
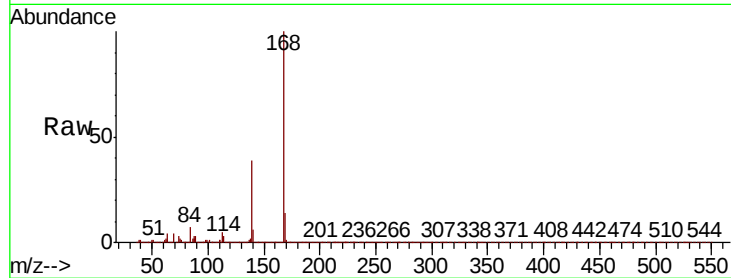
168 100

139 39.0 30.2 45.2

169 14.0 10.7 16.1

Manual Integrations
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mohammad
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#56

4-Nitrophenol

Concen: 105.004 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

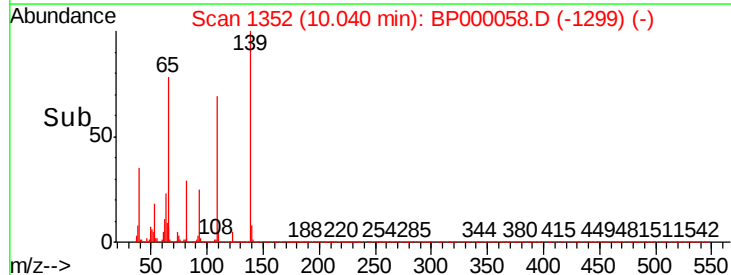
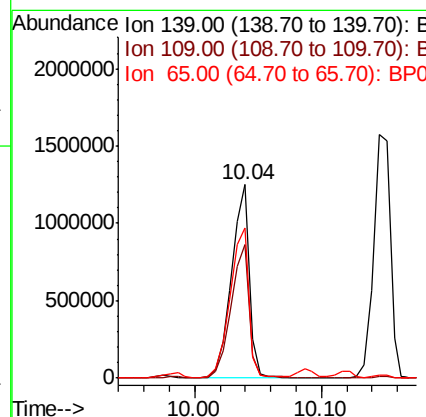
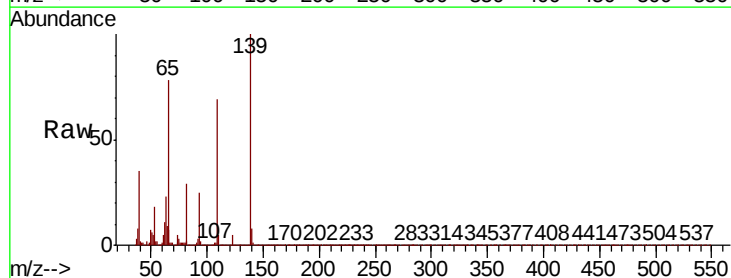
Tgt Ion:139 Resp: 1218454

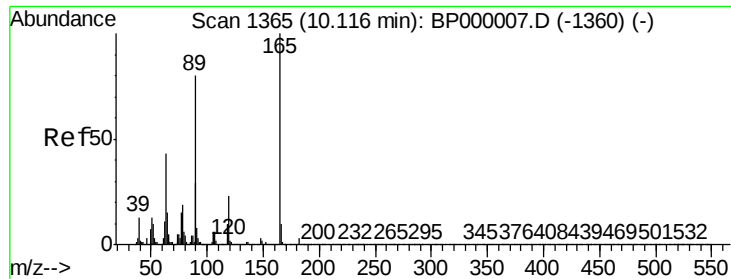
Ion Ratio Lower Upper

139 100

109 69.3 52.4 92.4

65 77.8 72.2 112.2





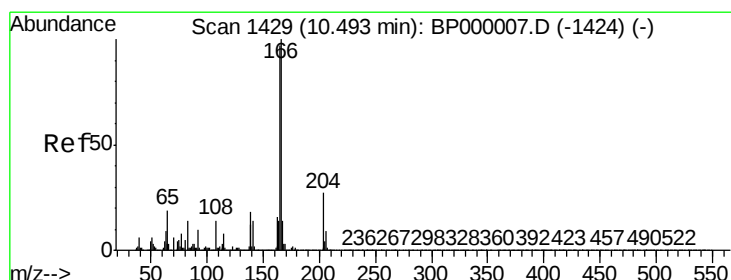
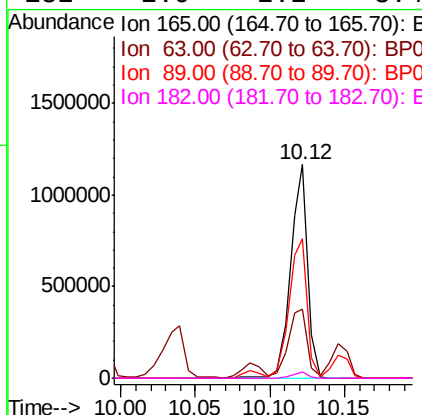
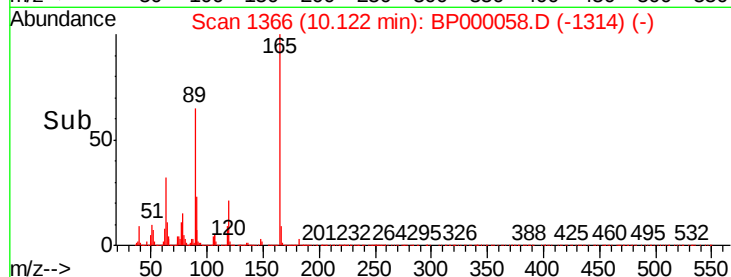
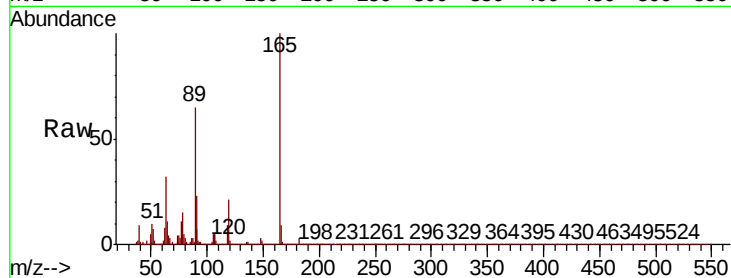
#57
2,4-Dinitrotoluene
Concen: 54.245 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	32.5	34.4	51.6#
89	65.4	64.3	96.5
182	2.9	2.2	3.4

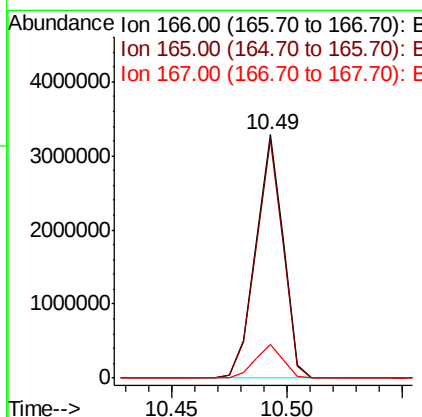
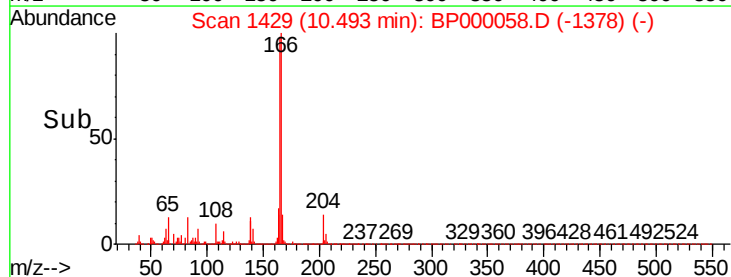
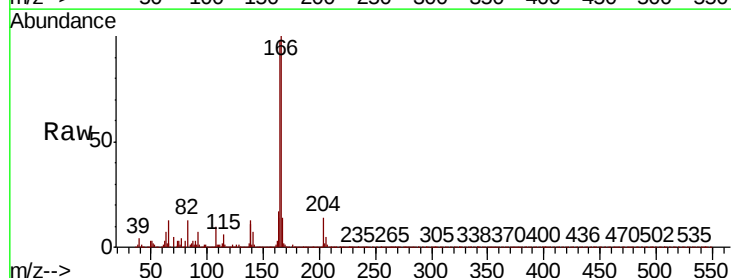
Manual Integrations
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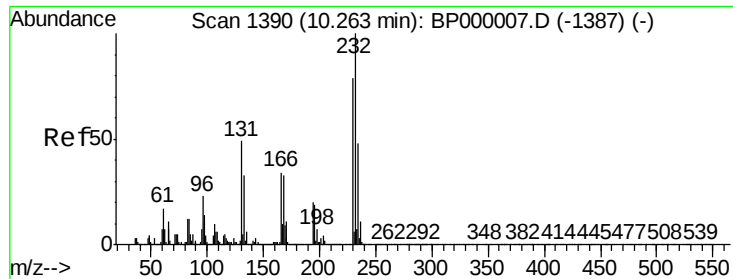
mohammad
9/10/2019 9:51:20 AM



#58
Fluorene
Concen: 49.957 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.3	115.9
167	13.9	11.0	16.6





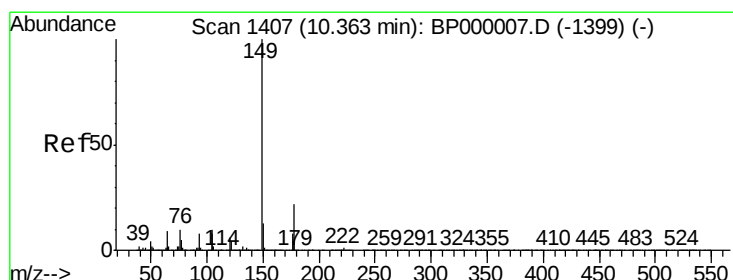
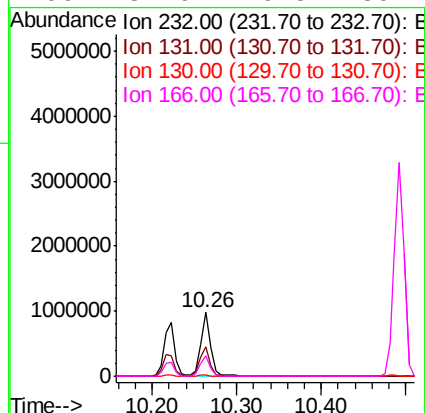
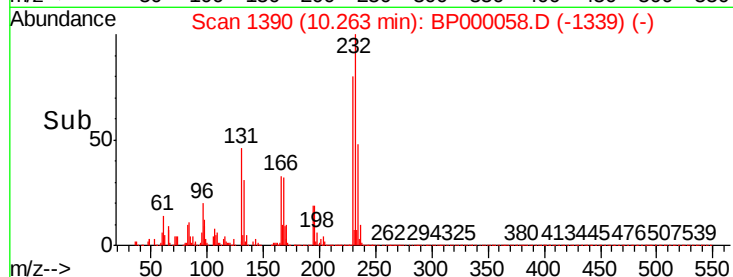
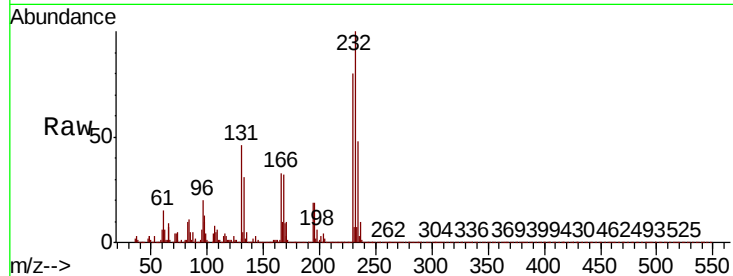
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.435 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		776322		
131	45.8	39.3	58.9		
130	2.4	2.1	3.1		
166	31.6	26.5	39.7		

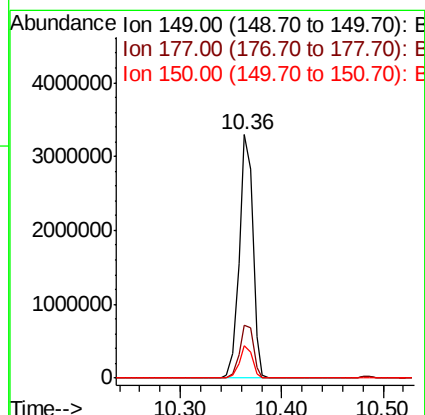
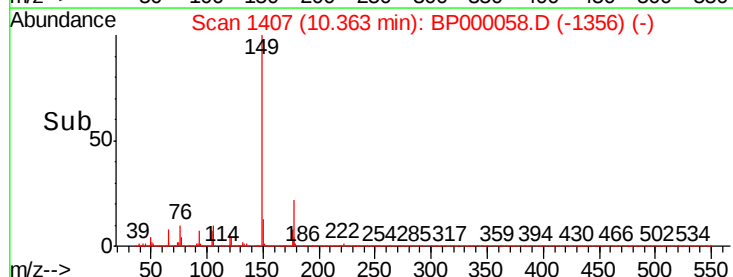
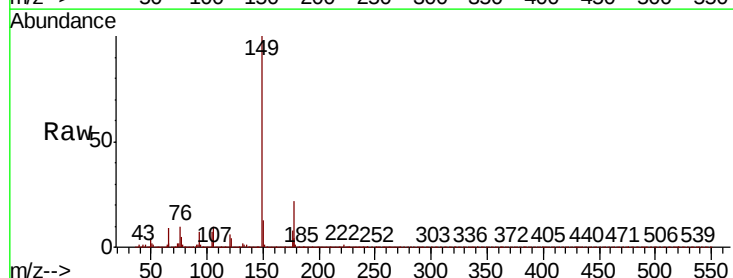
Manual Integrations
APPROVED

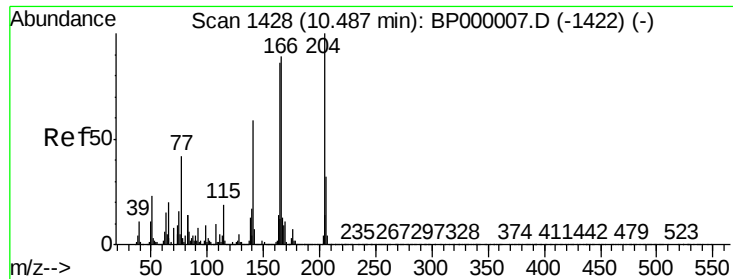
mohammad
9/10/2019 9:51:20 AM



#60
Diethylphthalate
Concen: 47.716 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		3057851		
177	22.0	17.3	25.9		
150	13.2	10.3	15.5		





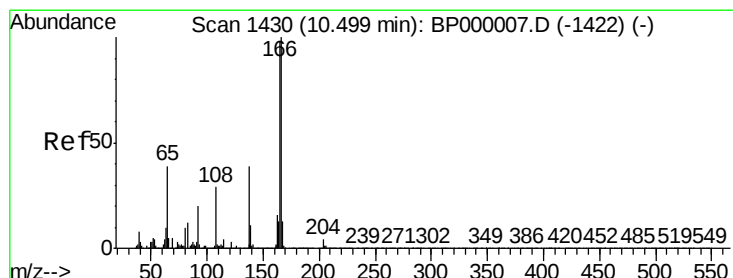
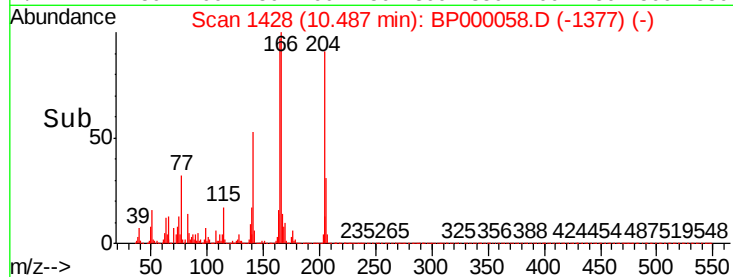
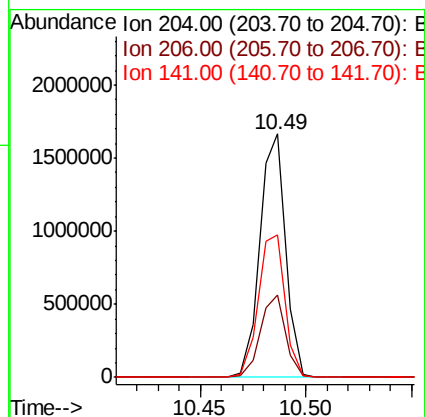
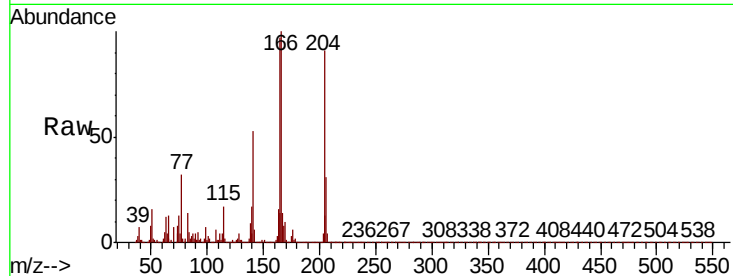
#61
4-Chlorophenyl-phenylether
Concen: 49.732 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion:204 Resp: 1416140
Ion Ratio Lower Upper
204 100
206 33.7 26.0 39.0
141 58.6 47.6 71.4

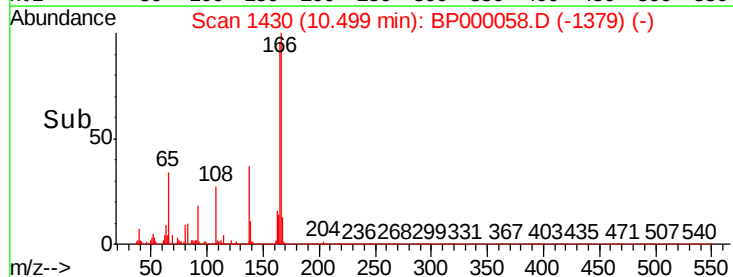
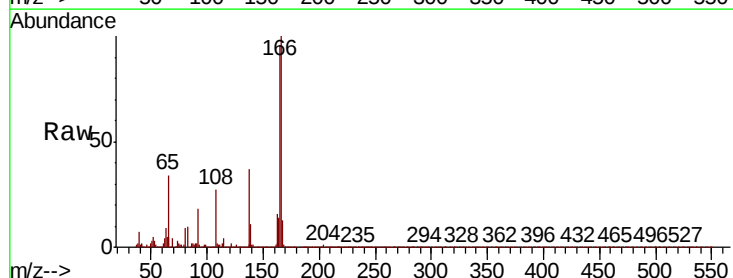
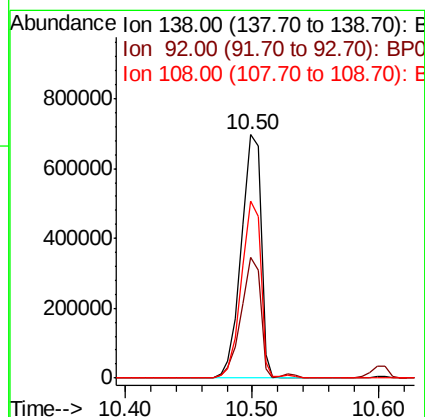
Manual Integrations
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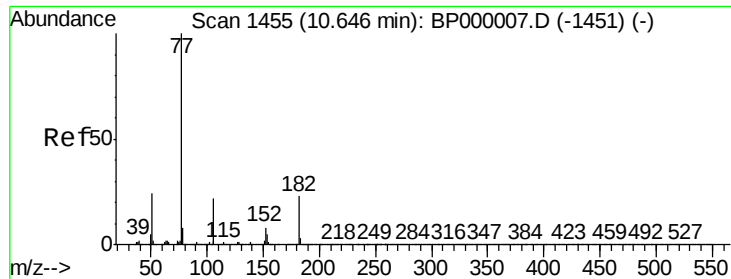
mohammad
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#62
4-Nitroaniline
Concen: 48.234 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion:138 Resp: 746906
Ion Ratio Lower Upper
138 100
92 49.7 32.8 72.8
108 72.8 55.7 95.7





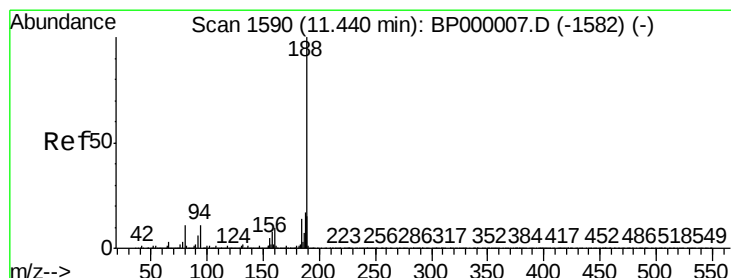
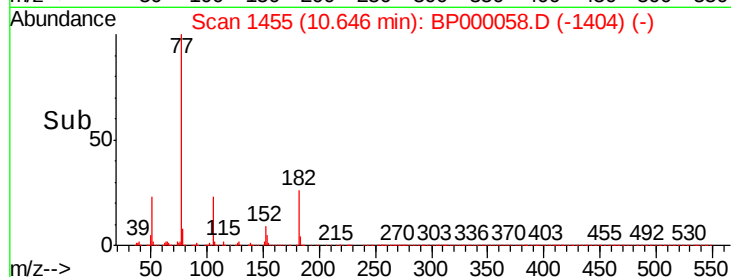
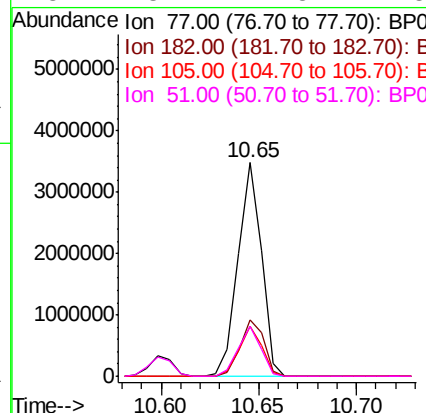
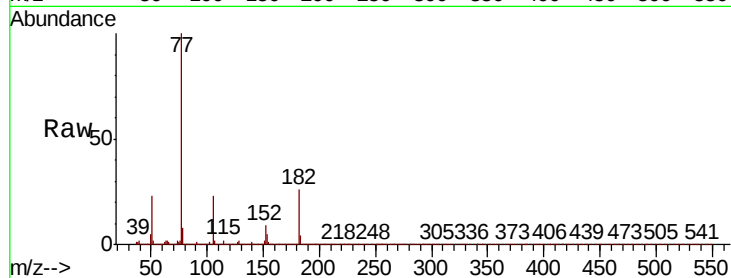
#63
Azobenzene
Concen: 47.216 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.4	2.6	42.6	
105	23.4	2.3	42.3	
51	23.2	4.5	44.5	

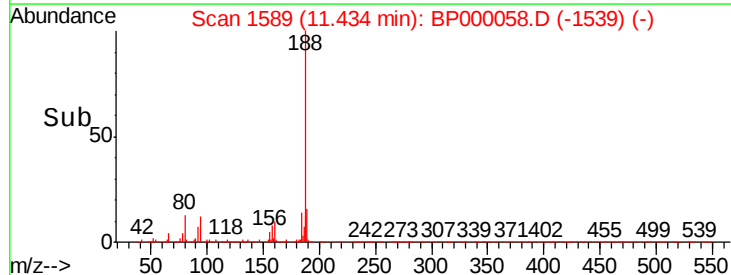
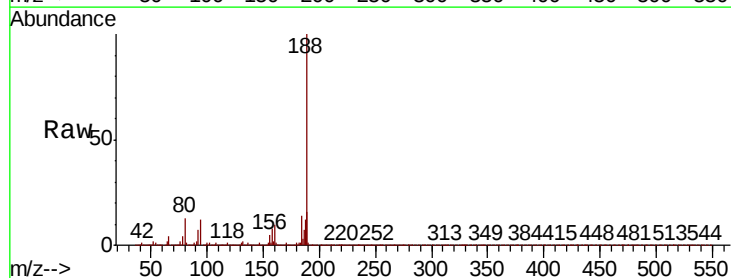
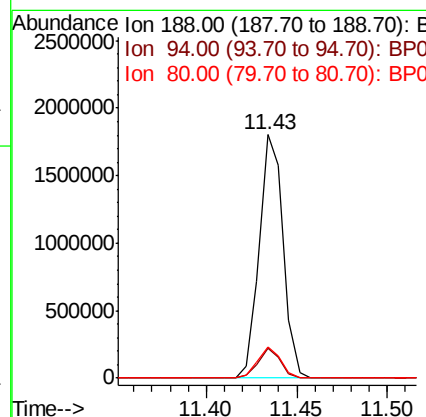
Manual Integrations
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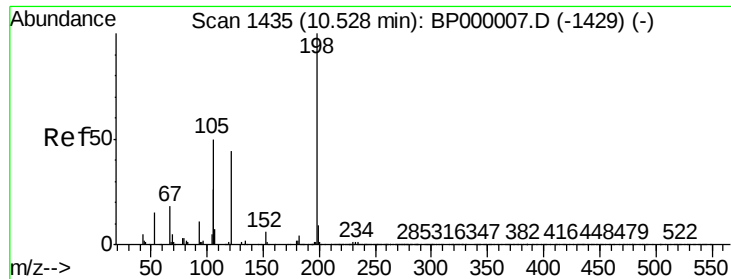
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	12.2	8.8	13.2	
80	12.8	9.0	13.6	





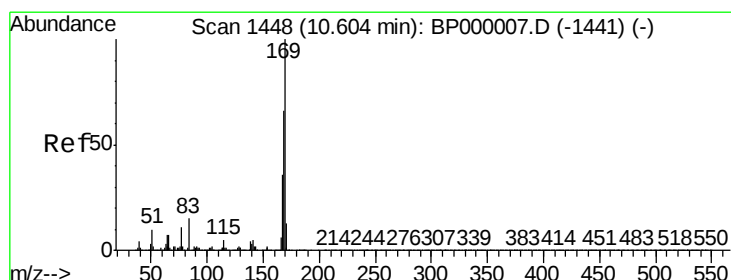
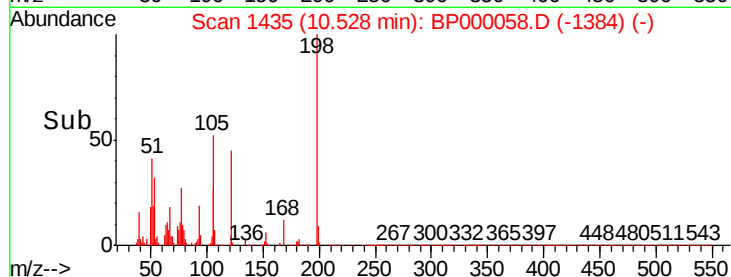
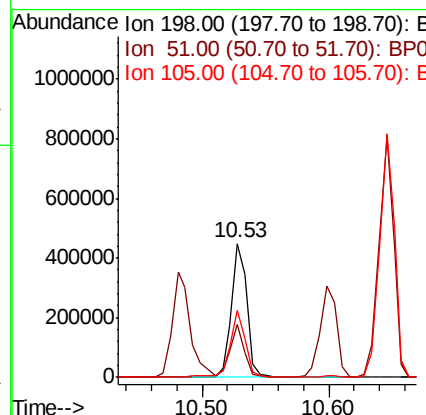
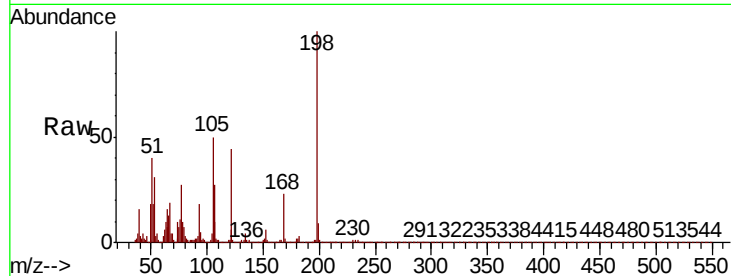
#65
4,6-Dinitro-2-methylphenol
Concen: 57.868 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	379515		
51	39.5	22.1	62.1	
105	50.5	32.0	72.0	

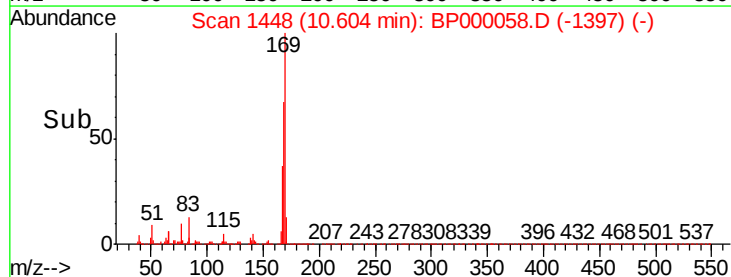
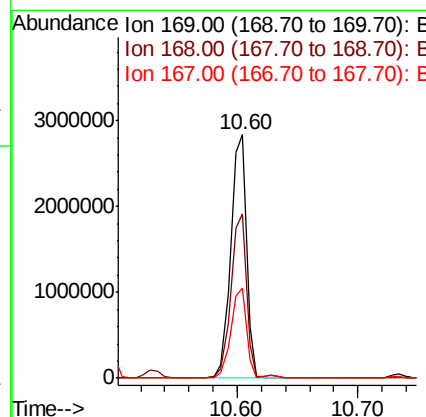
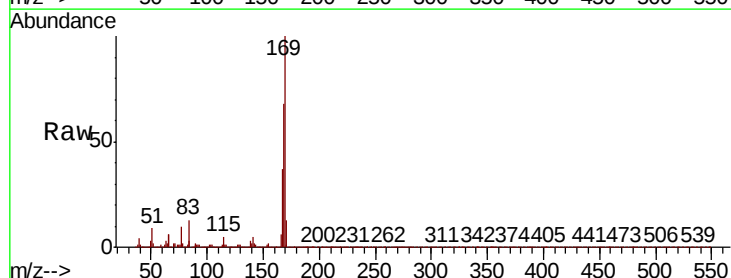
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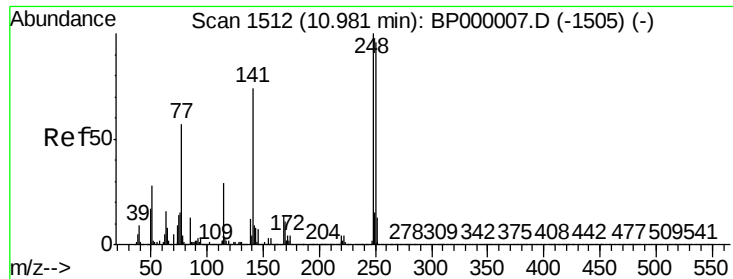
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 52.161 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2557261		
168	67.5	52.9	79.3	
167	37.0	29.2	43.8	





#67

4-Bromophenyl-phenylether

Concen: 51.307 ng

RT: 10.98 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

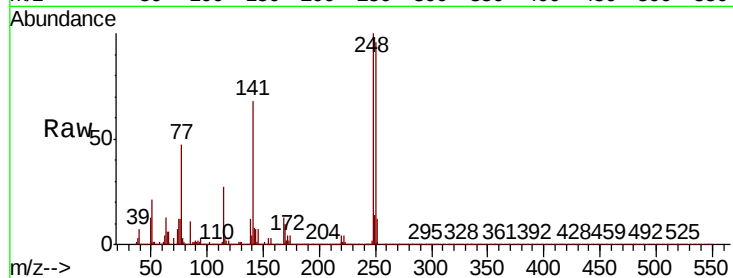
ClientSampleId :

SB-4-(7-9)MSD

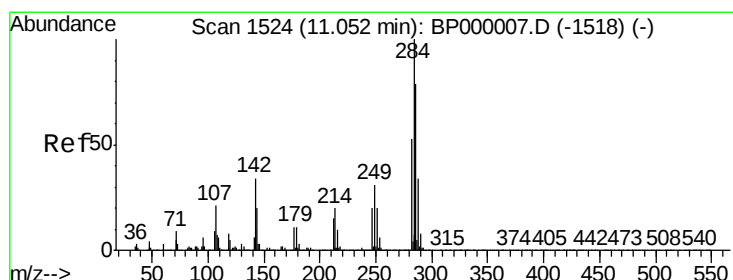
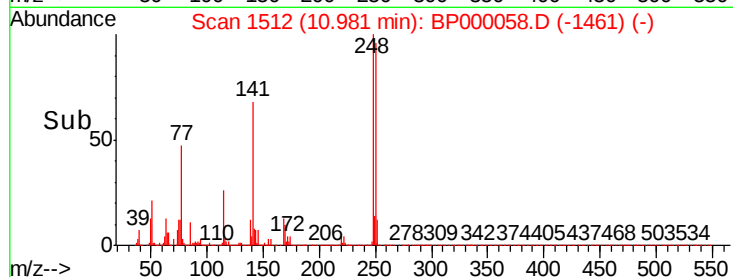
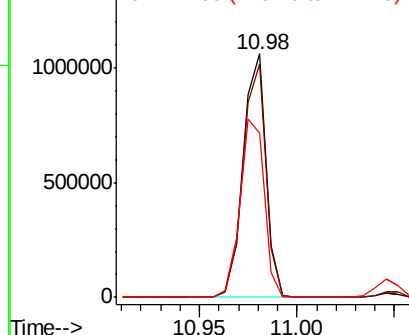
Tot Ion:	248	Resp:	860444
Ion Ratio	Lower	Upper	
248	100		
250	96.0	77.1	115.7
141	67.7	59.5	89.3

Manual Integrations
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 48.357 ng

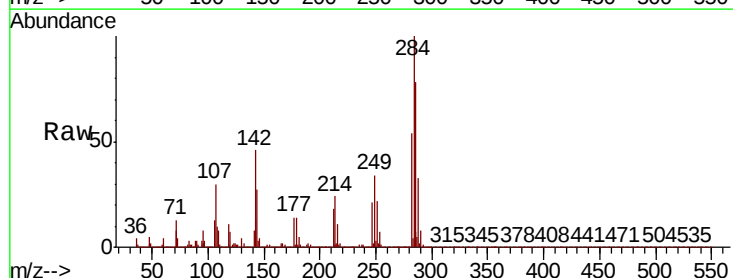
RT: 11.05 min Scan# 1523

Delta R.T. -0.01 min

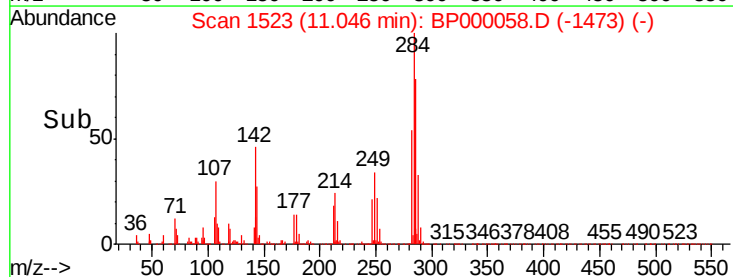
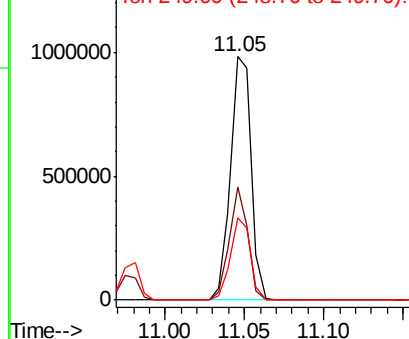
Lab File: BP000058.D

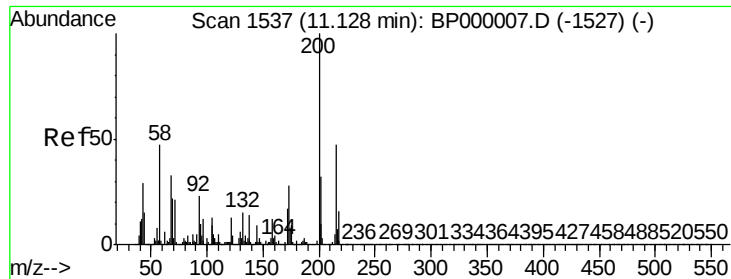
Acq: 04 Sep 2019 11:45

Tgt Ion:	284	Resp:	883633
Ion Ratio	Lower	Upper	
284	100		
142	46.2	27.0	40.4#
249	33.6	24.9	37.3



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





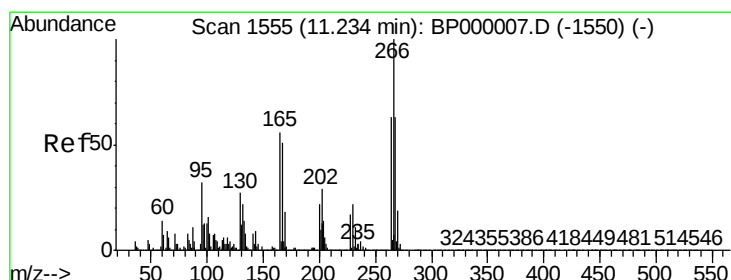
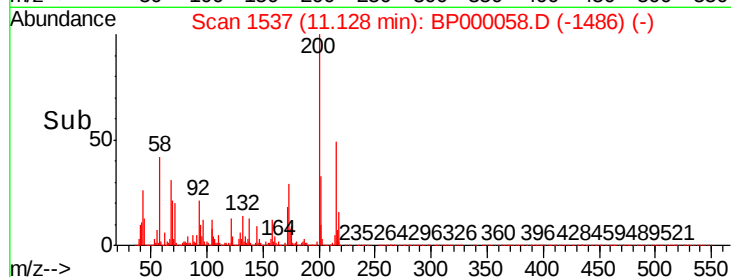
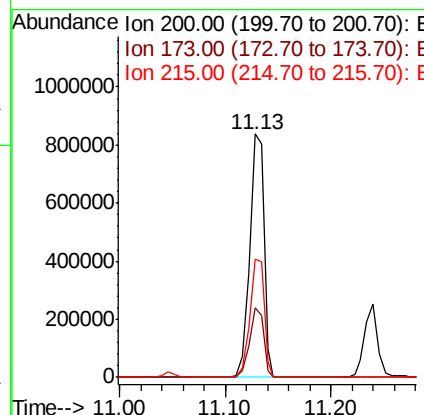
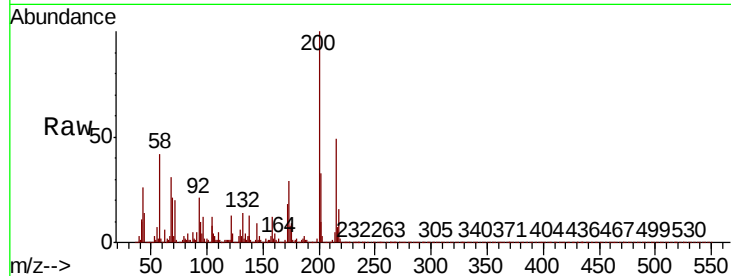
#69
Atrazine
Concen: 62.008 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampled :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.7	8.1	48.1
215	48.6	26.7	66.7

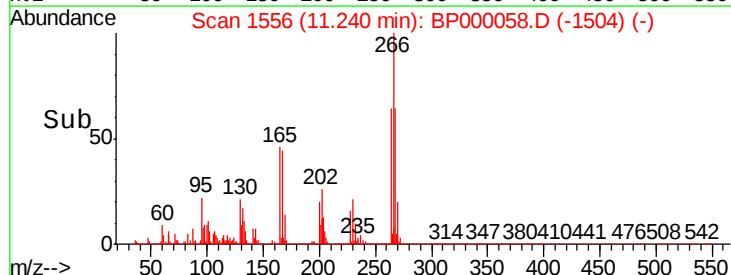
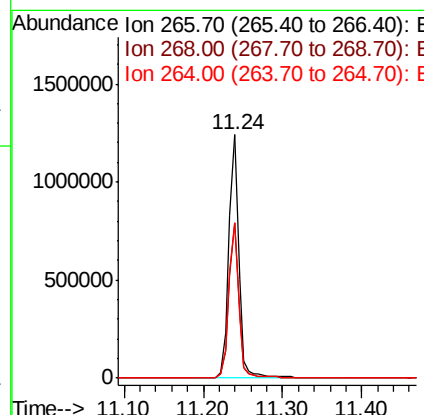
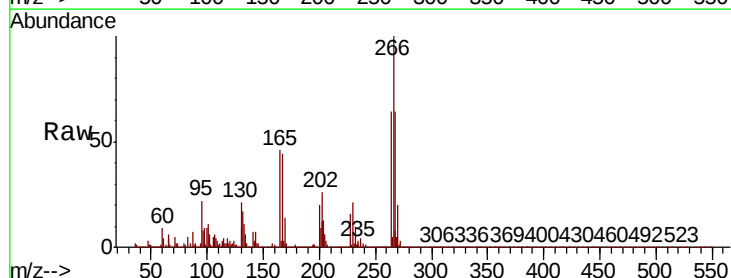
Manual Integrations
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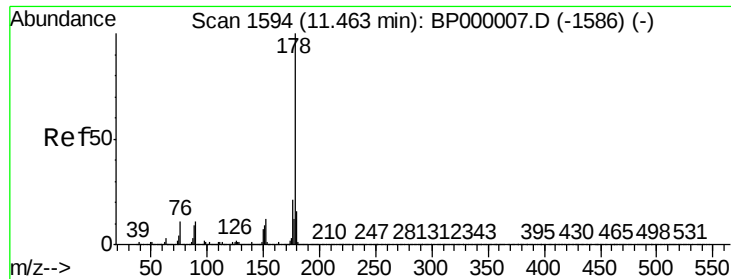
mohammad
9/10/2019 9:51:20 AM



#70
Pentachlorophenol
Concen: 110.688 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	50.1	75.1
264	63.8	50.6	76.0





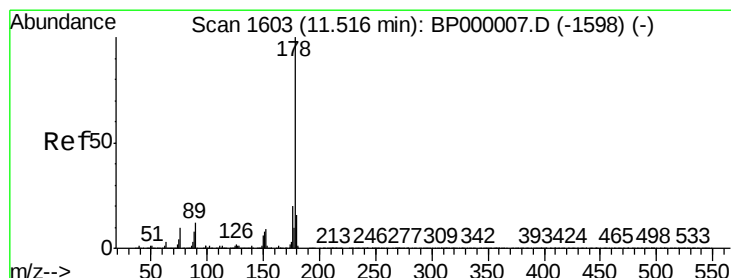
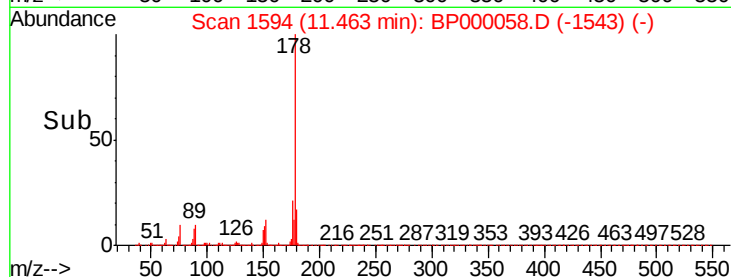
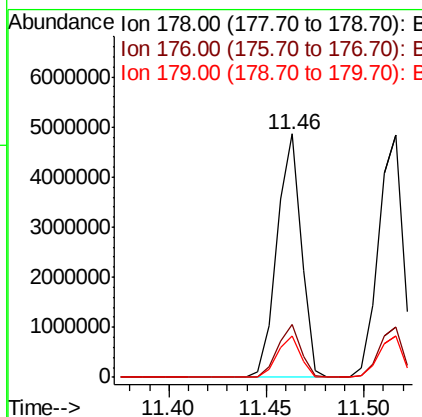
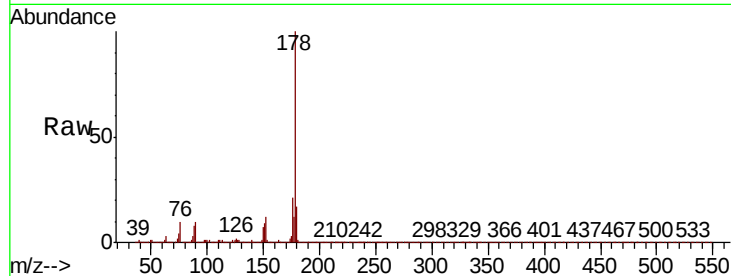
#71
Phenanthrene
Concen: 50.856 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion:178 Resp: 4182855
Ion Ratio Lower Upper
178 100
176 21.5 16.7 25.1
179 17.0 13.1 19.7

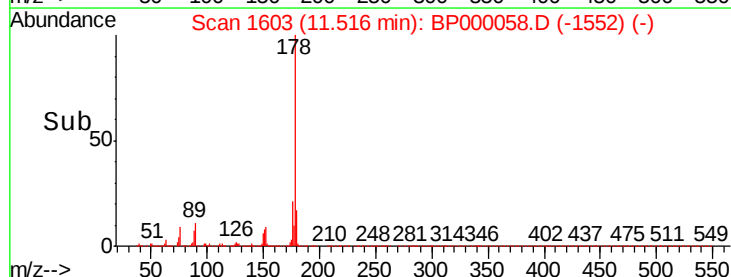
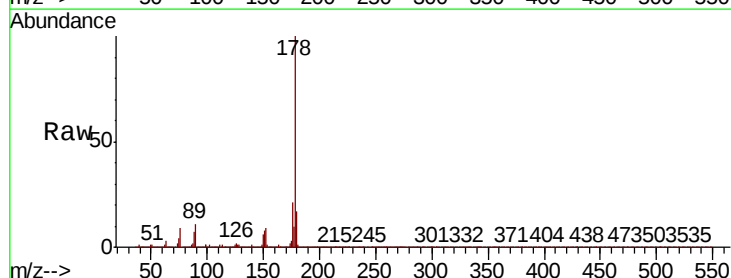
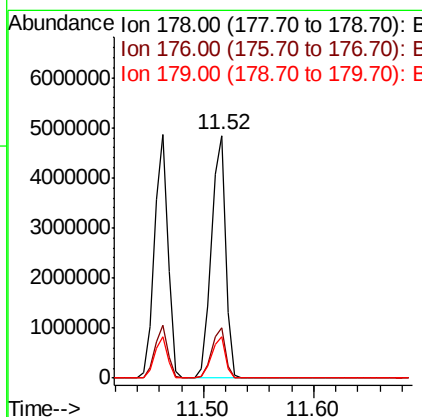
Manual Integrations
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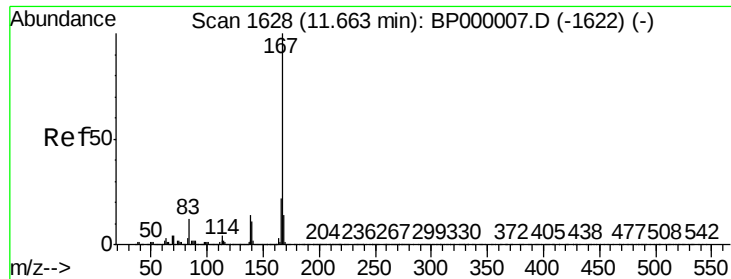
mohammad
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#72
Anthracene
Concen: 52.030 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion:178 Resp: 4227367
Ion Ratio Lower Upper
178 100
176 20.5 15.9 23.9
179 16.8 13.0 19.6





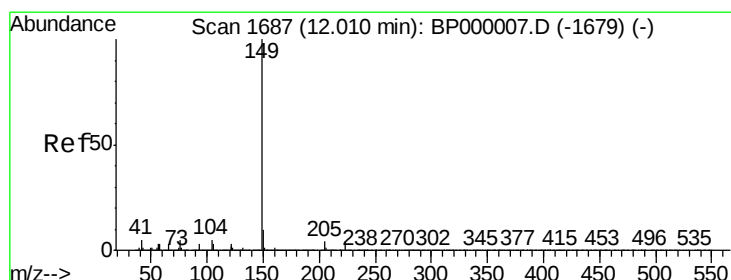
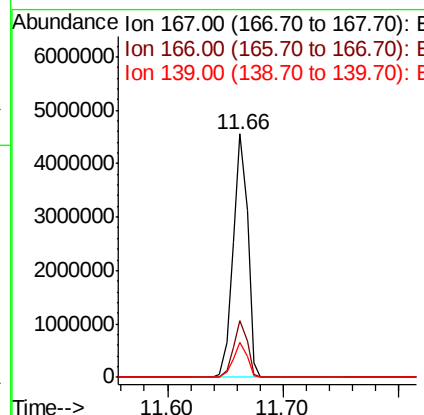
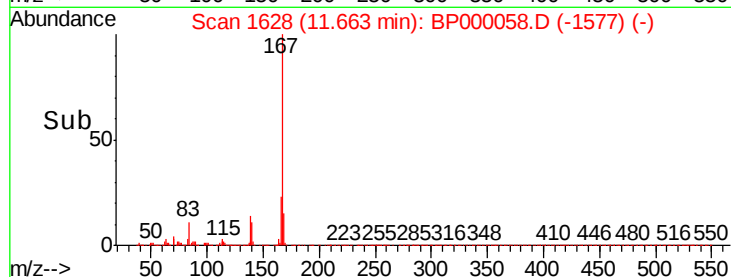
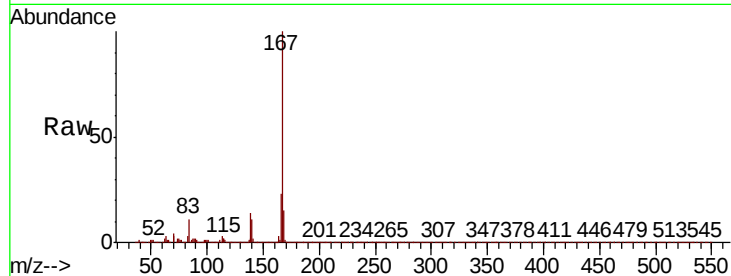
#73
 Carbazole
 Concen: 51.663 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BP000058.D
 Acq: 04 Sep 2019 11:45

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(7-9)MSD

Tot Ion:167 Resp: 3962054
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.9 26.9
 139 14.3 11.4 17.2

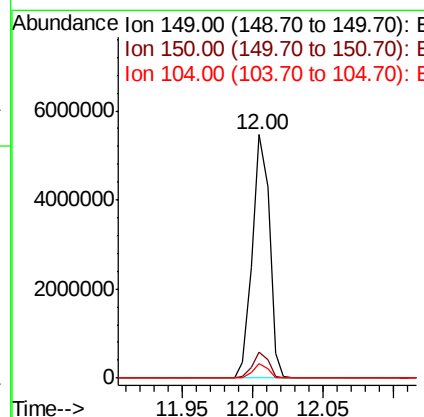
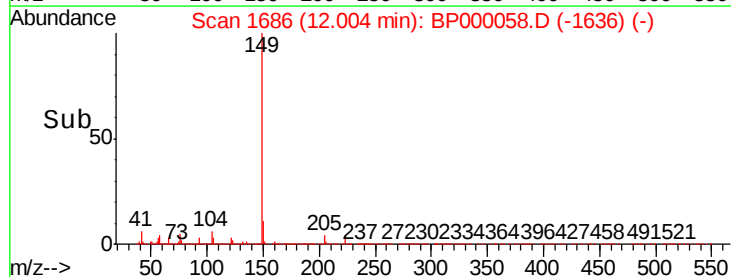
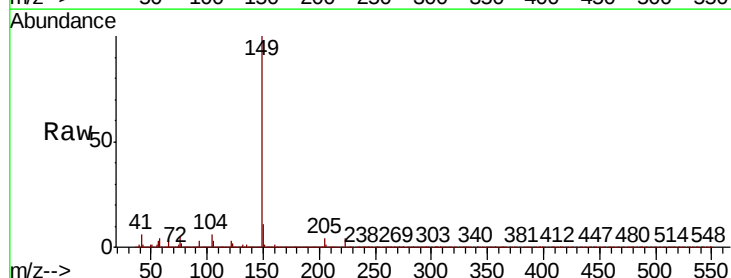
Manual Integrations
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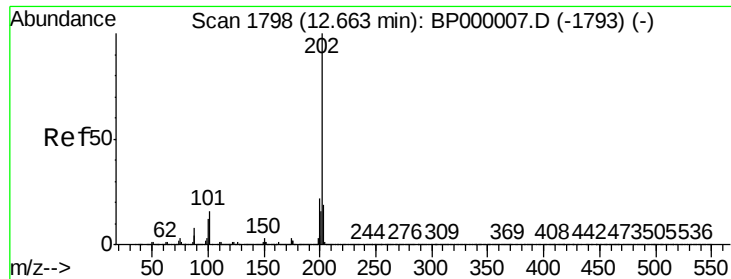
mohammad
 9/10/2019 9:51:20 AM



#74
 Di-n-butylphthalate
 Concen: 50.240 ng
 RT: 12.00 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP000058.D
 Acq: 04 Sep 2019 11:45

Tgt Ion:149 Resp: 4671964
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.0 12.0
 104 5.7 4.4 6.6





#75

Fluoranthene

Concen: 52.388 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

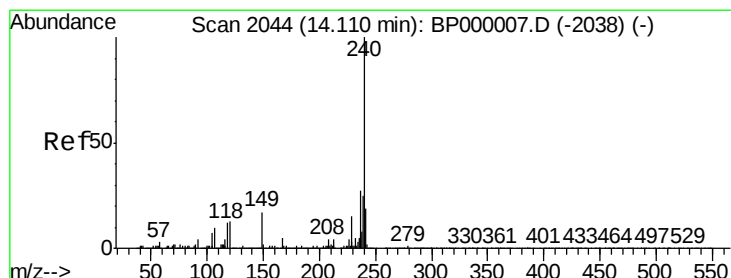
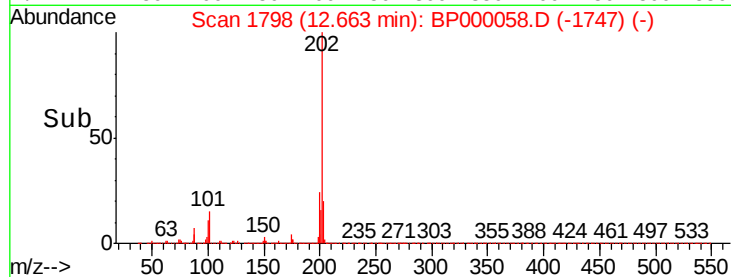
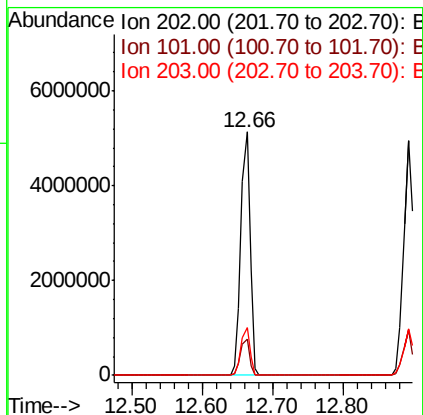
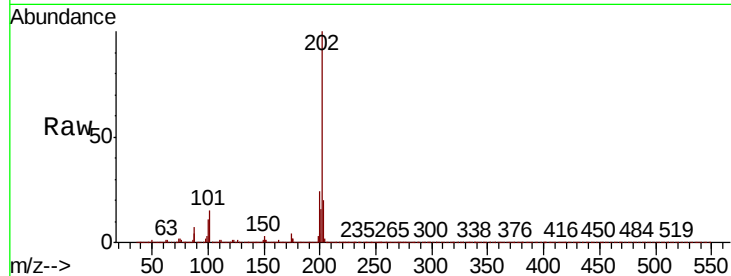
ClientSampleId :

SB-4-(7-9)MSD

Tot Ion:	202	Resp:	4682400
Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	36.4
203	19.6	0.0	38.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

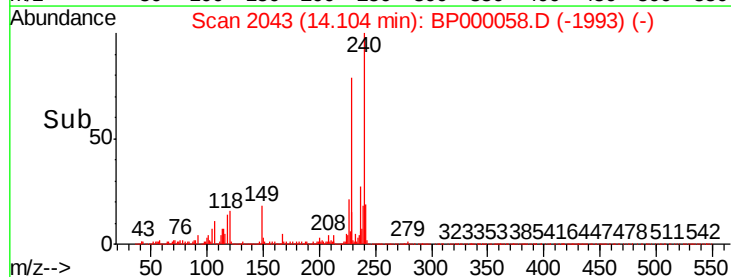
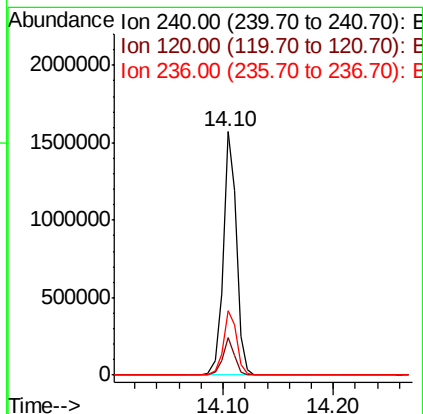
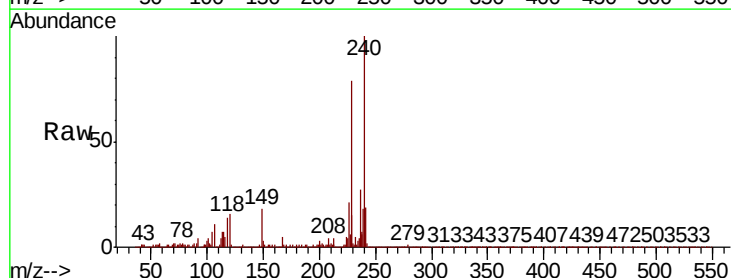
RT: 14.10 min Scan# 2043

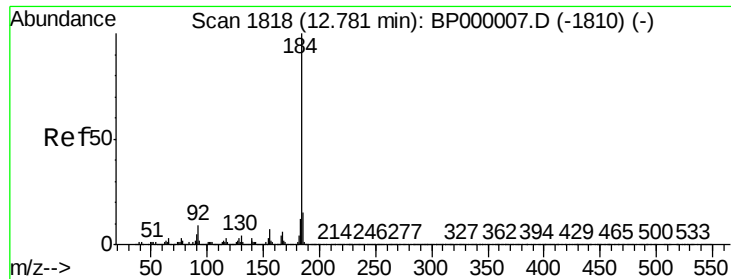
Delta R.T. -0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Tgt Ion:	240	Resp:	1304261
Ion	Ratio	Lower	Upper
240	100		
120	15.5	10.5	15.7
236	26.6	21.5	32.3





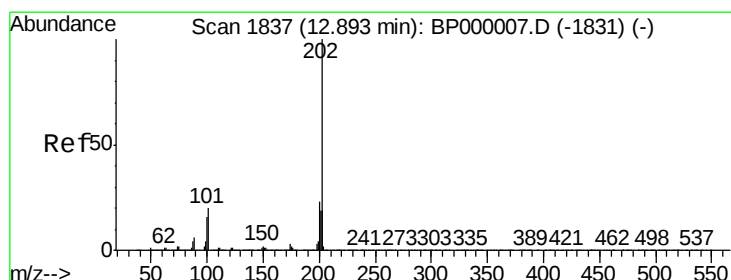
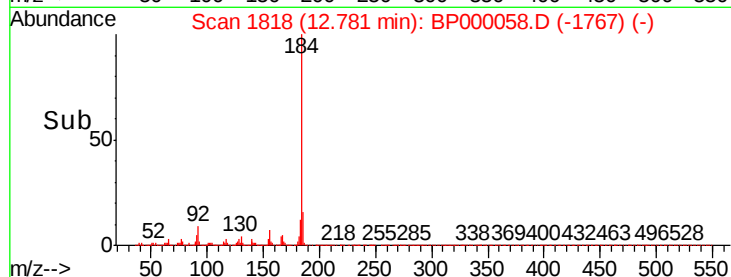
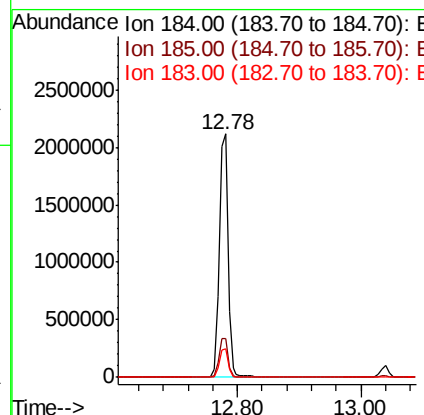
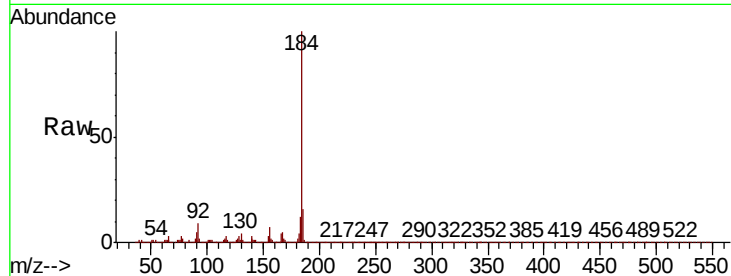
#77
Benzidine
Concen: 44.747 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampled :
SB-4-(7-9)MSD

Tot Ion:184 Resp: 2013592
Ion Ratio Lower Upper
184 100
185 16.1 11.8 17.8
183 11.9 9.4 14.0

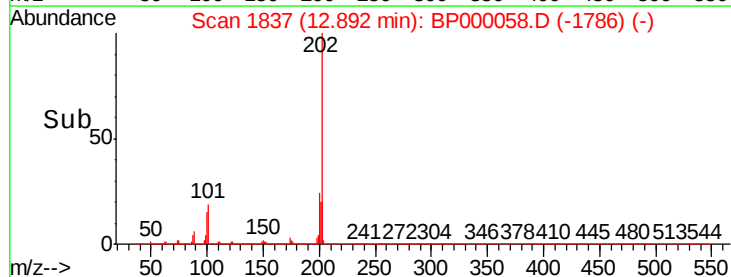
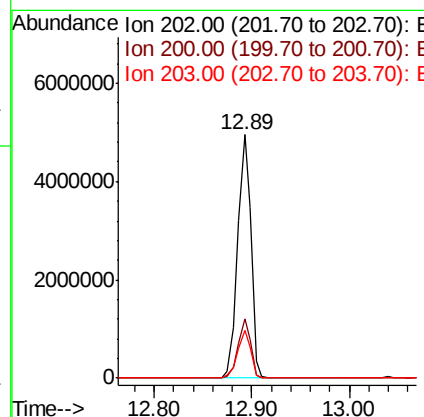
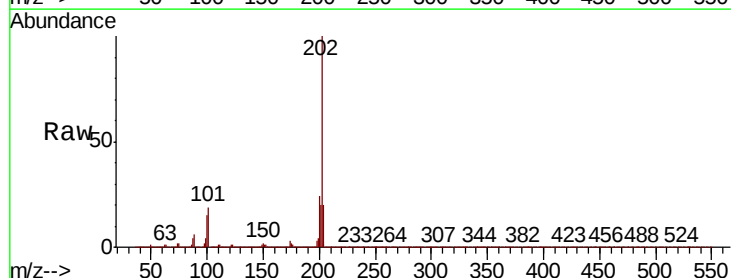
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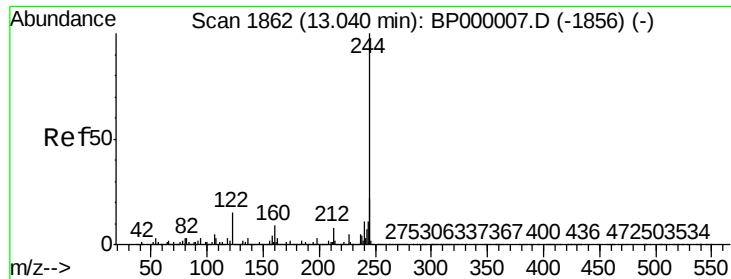
mohammad
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#78
Pyrene
Concen: 48.654 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion:202 Resp: 4668321
Ion Ratio Lower Upper
202 100
200 24.4 18.5 27.7
203 19.9 15.1 22.7





#79

Terphenyl-d14

Concen: 86.471 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

ClientSampleId :

SB-4-(7-9)MSD

Tot Ion:244 Resp: 5174383

Ion Ratio Lower Upper

244 100

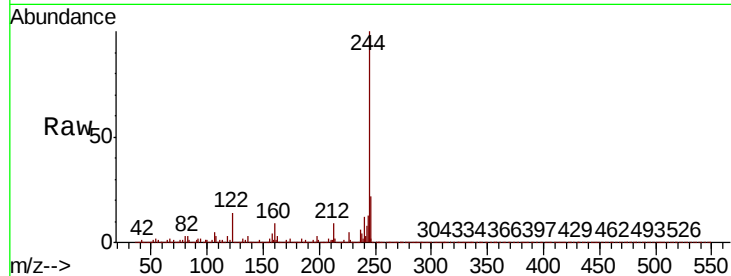
212 8.8 6.6 10.0

122 14.0 12.3 18.5

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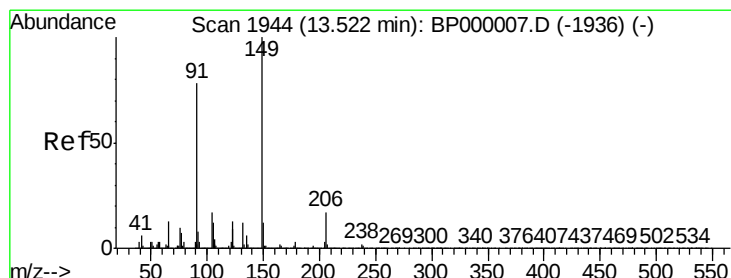
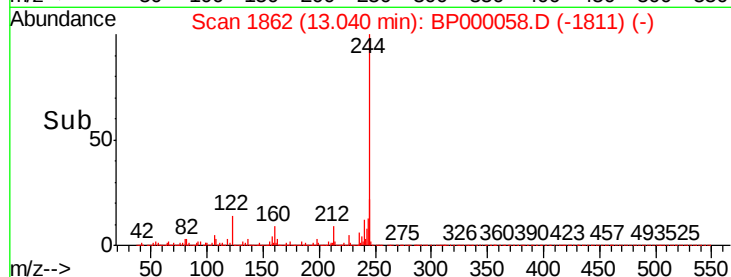
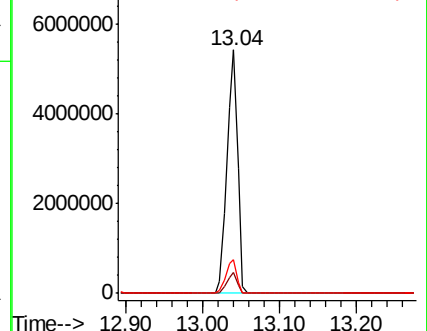
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 49.850 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

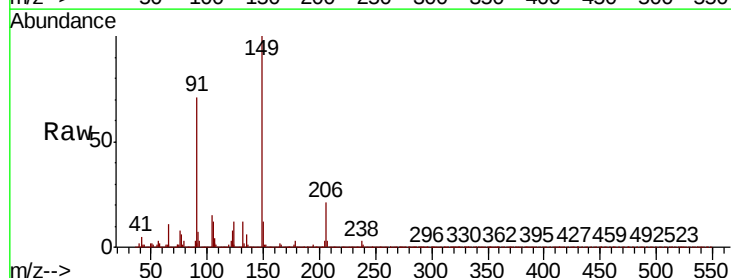
Tgt Ion:149 Resp: 2131169

Ion Ratio Lower Upper

149 100

91 70.7 62.7 94.1

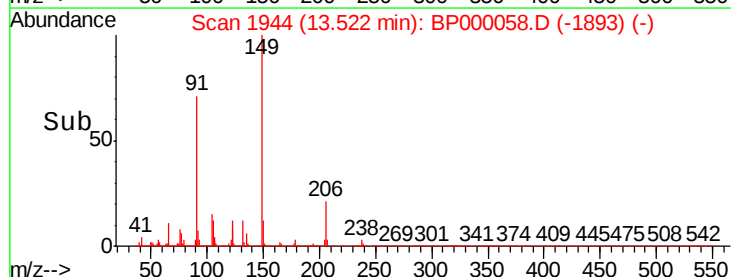
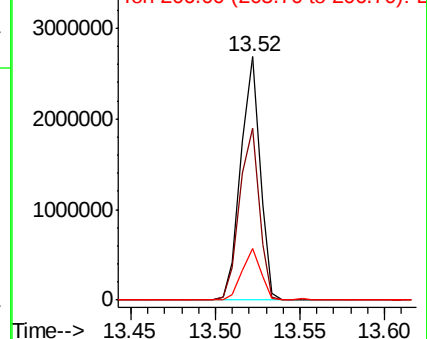
206 21.1 13.8 20.6#

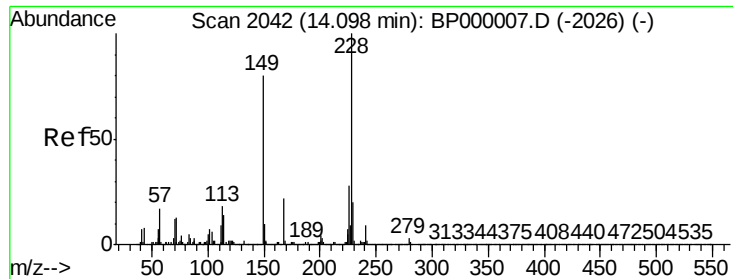


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





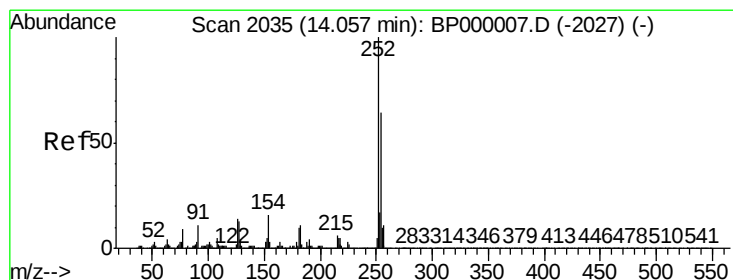
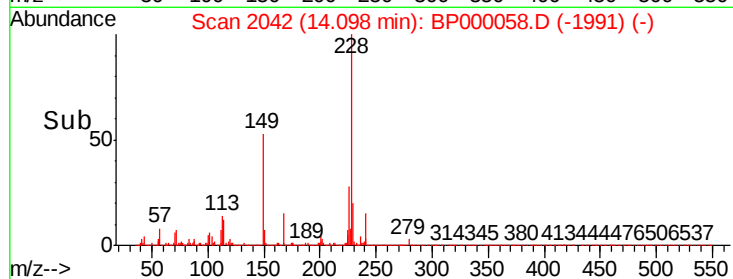
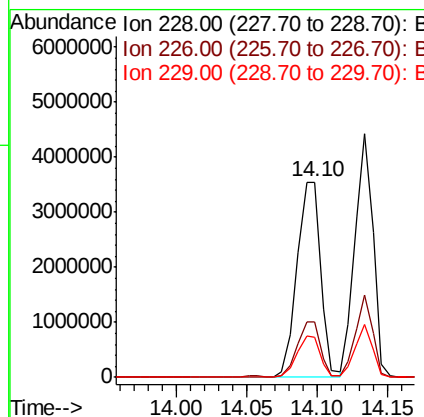
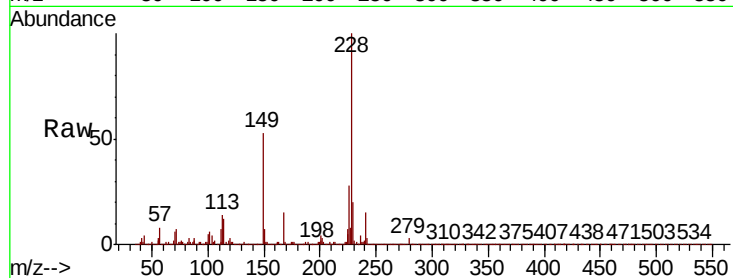
#81
Benzo(a)anthracene
Concen: 48.851 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.5	33.7
229	20.3	16.2	24.2

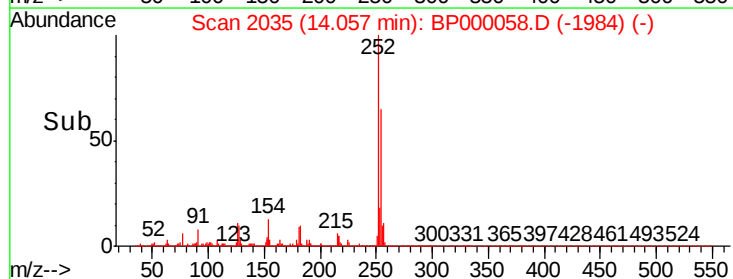
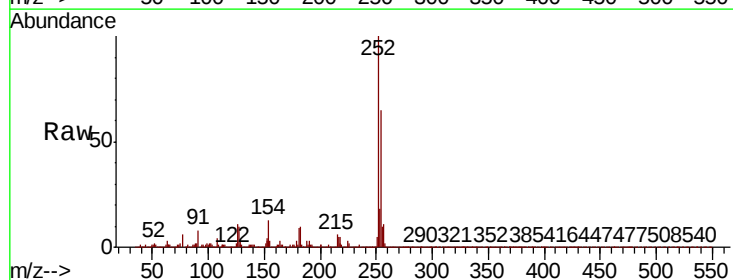
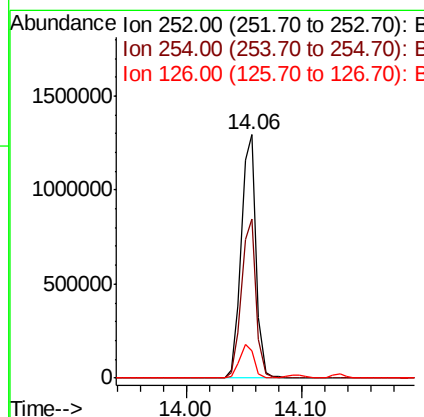
Manual Integrations
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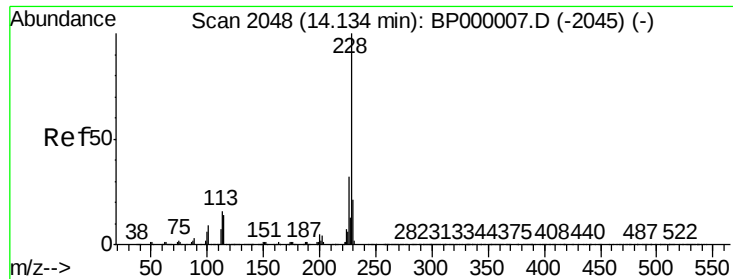
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 36.993 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.4	77.0
126	11.2	11.1	16.7





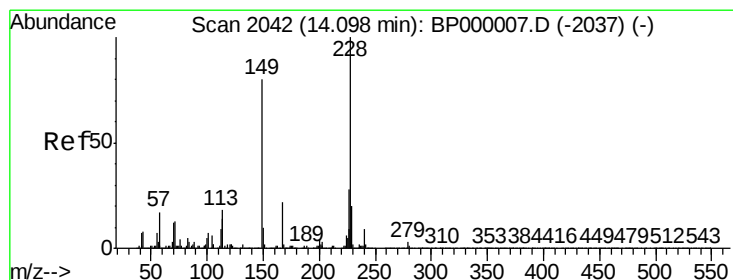
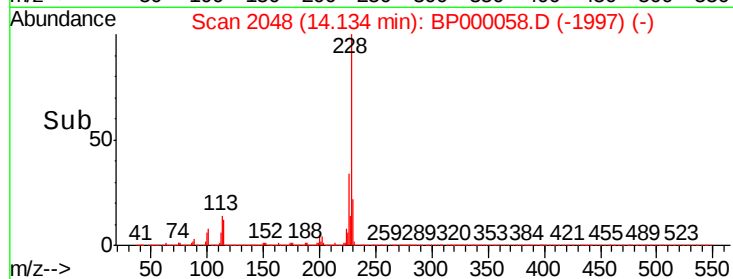
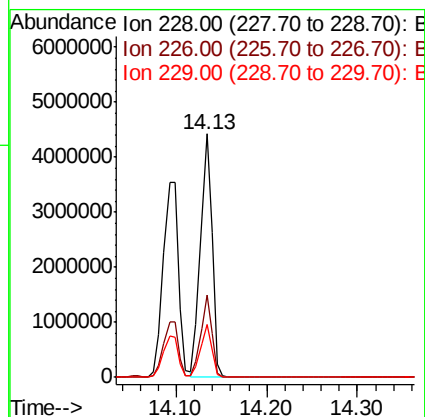
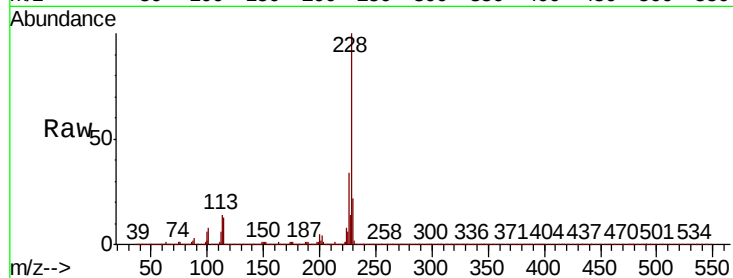
#83
 Chrysene
 Concen: 49.843 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BP000058.D
 Acq: 04 Sep 2019 11:45

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.8	25.5	38.3
229	21.7	16.5	24.7

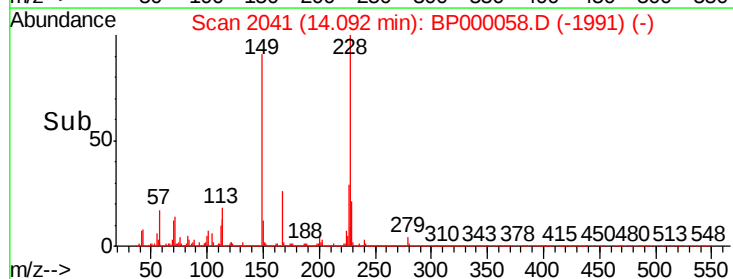
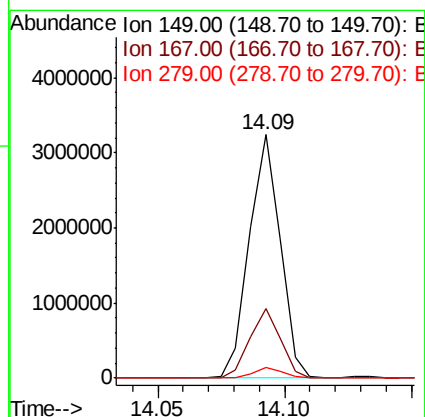
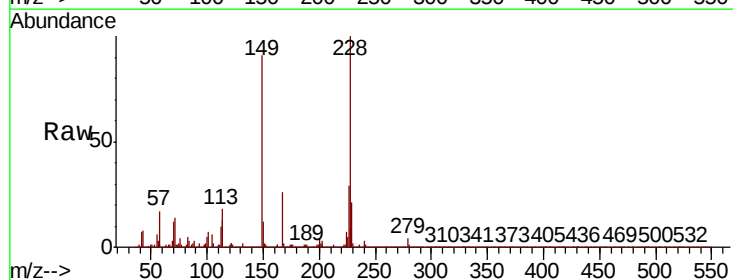
Manual Integrations
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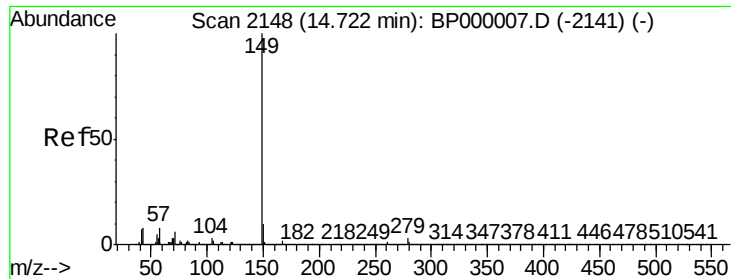
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.967 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BP000058.D
 Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.4	33.6
279	4.3	3.1	4.7





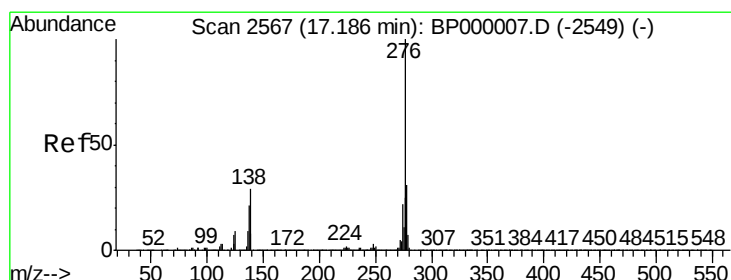
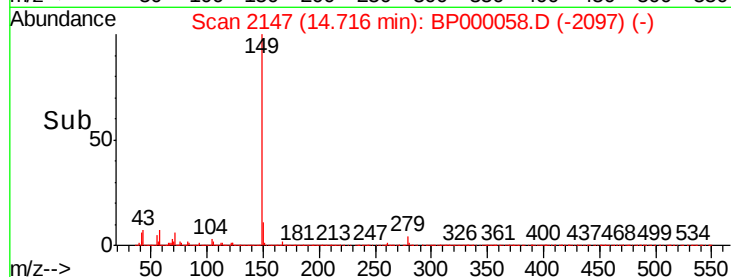
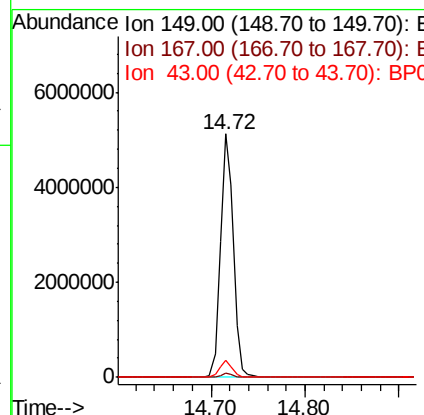
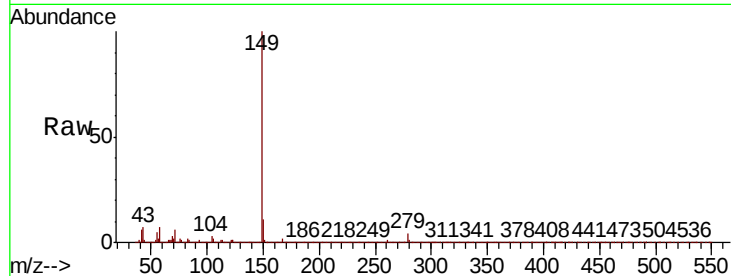
#85
Di-n-octyl phthalate
Concen: 50.315 ng
RT: 14.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.9	6.5	9.7

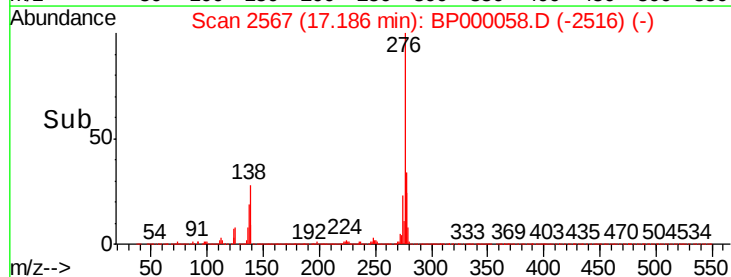
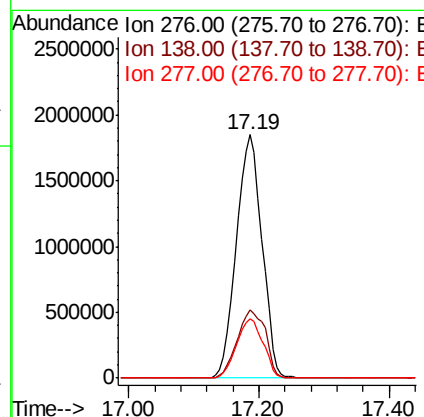
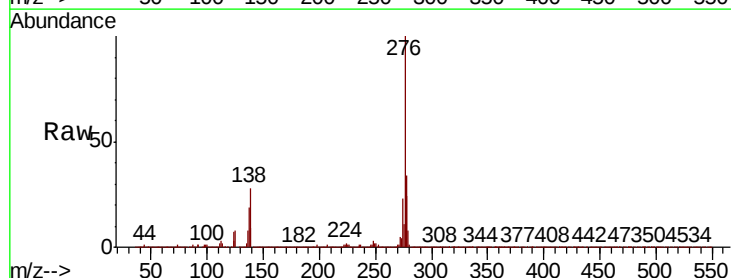
Manual Integrations
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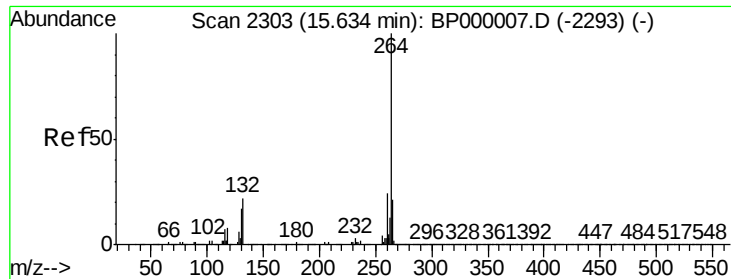
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 50.314 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.0	26.5	39.7
277	25.4	20.3	30.5





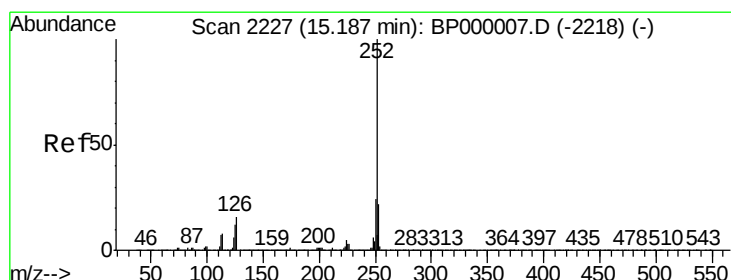
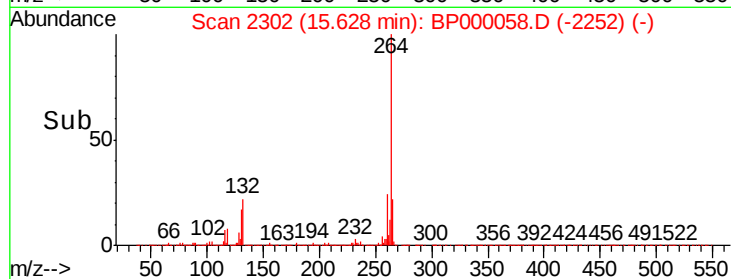
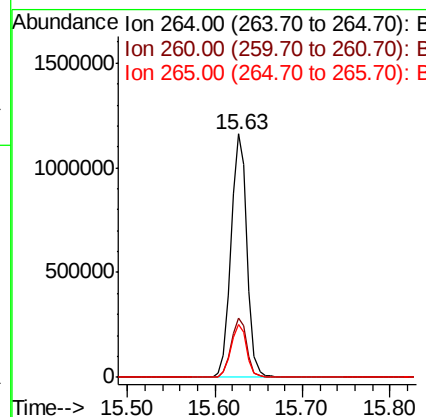
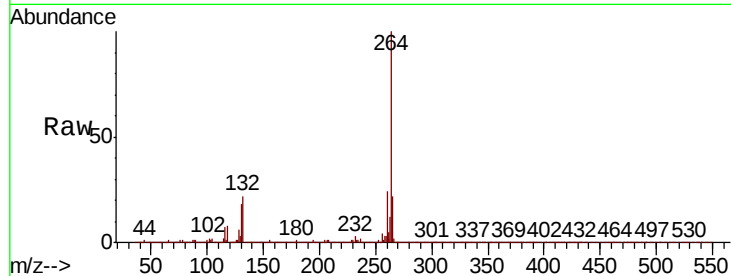
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.8	17.1	25.7

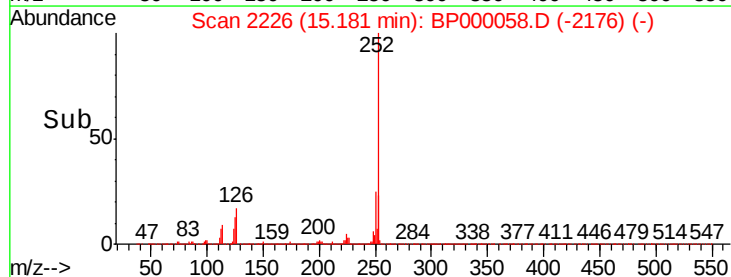
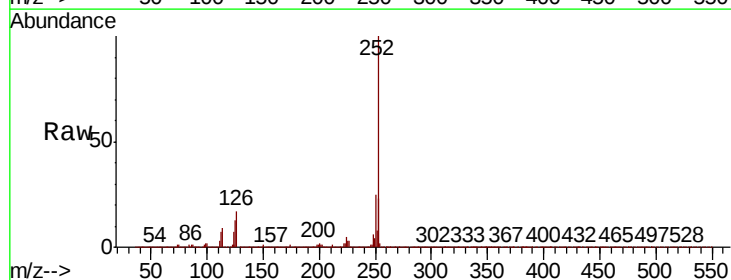
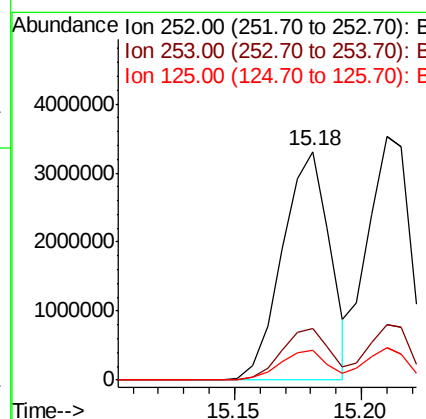
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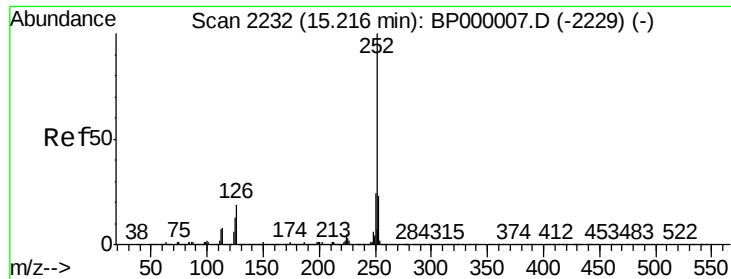
mohammad
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#88
Benzo(b)fluoranthene
Concen: 48.362 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	12.8	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 50.879 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.01 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

Instrument :

BNA_P

ClientSampleId :

SB-4-(7-9)MSD

Tot Ion:252 Resp: 4158949

Ion Ratio Lower Upper

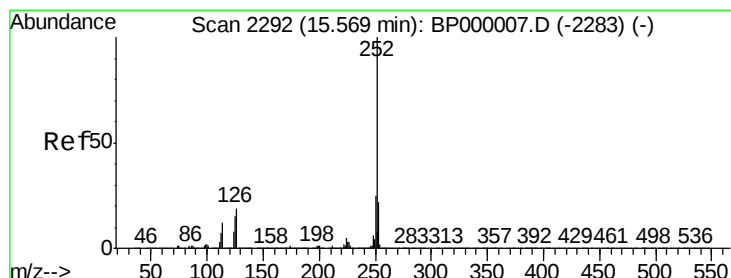
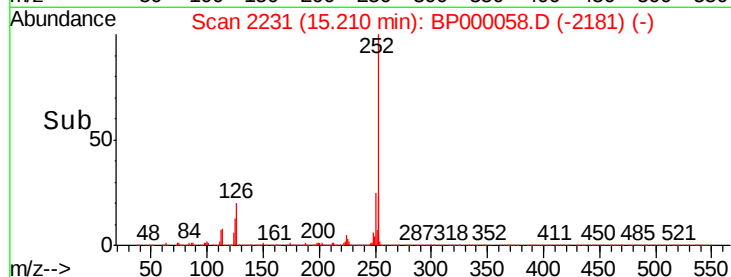
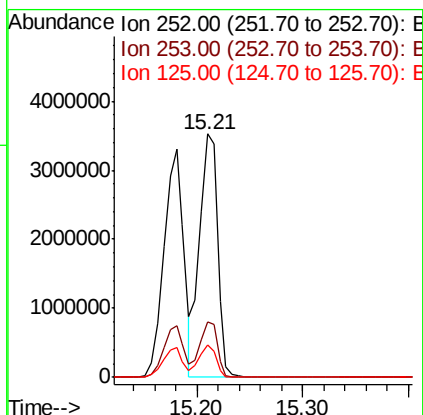
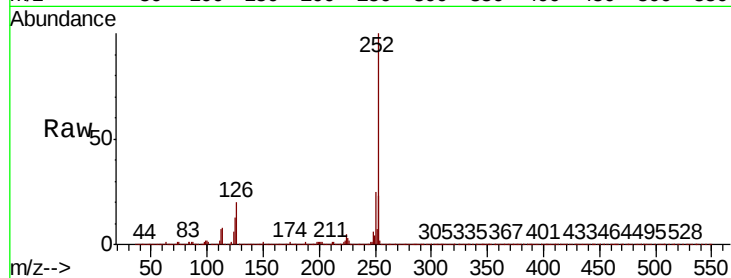
252 100

253 22.6 18.0 27.0

125 13.4 10.3 15.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 52.158 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BP000058.D

Acq: 04 Sep 2019 11:45

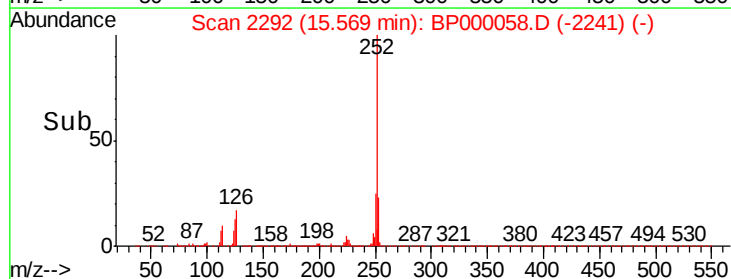
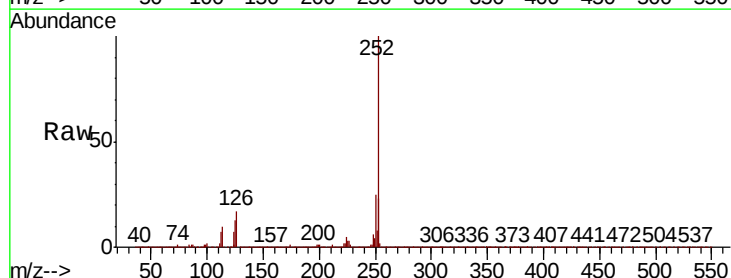
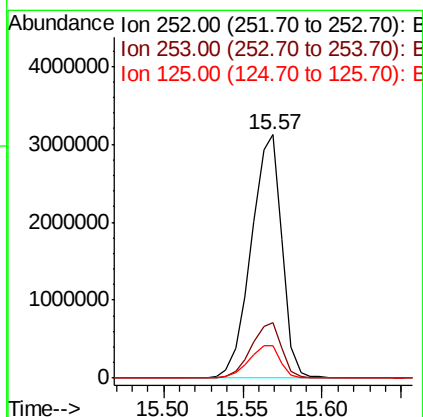
Tgt Ion:252 Resp: 4205685

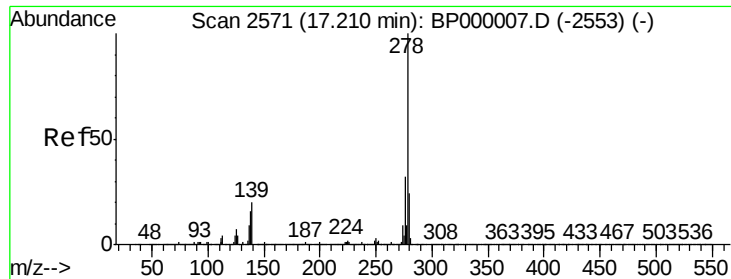
Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 13.3 11.7 17.5





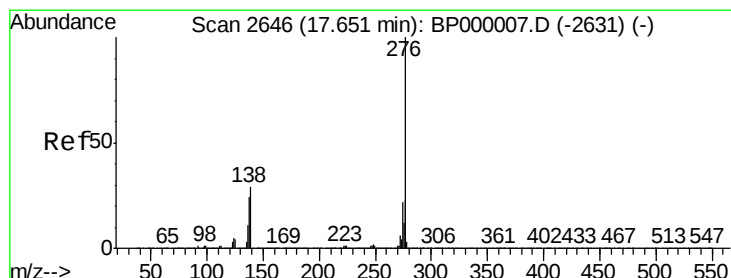
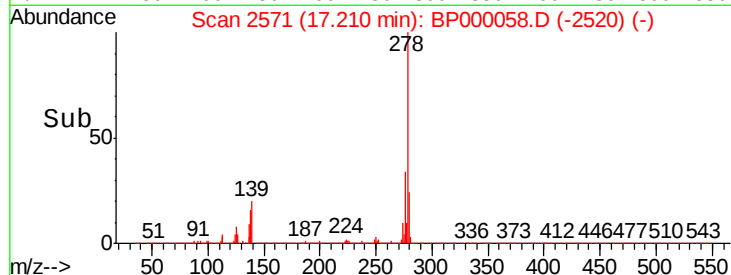
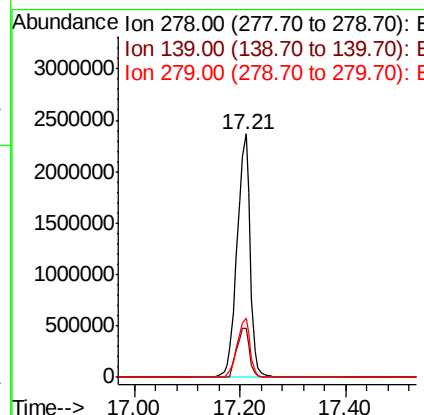
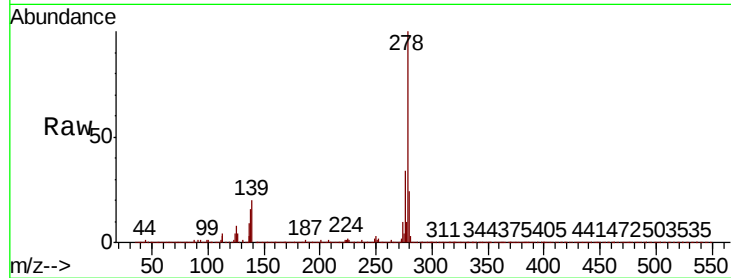
#91
Dibenzo(a,h)anthracene
Concen: 50.891 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.00 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.4	24.6
279	24.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/10/2019 9:51:20 AM



#92
Benzo(g,h,i)perylene
Concen: 51.380 ng
RT: 17.66 min Scan# 2647
Delta R.T. 0.01 min
Lab File: BP000058.D
Acq: 04 Sep 2019 11:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	26.9	23.0	34.4

