

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000450.D
 Acq On : 27 Sep 2019 12:18
 Operator : JU
 Sample : PB123396BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123396BS

Manual Integrations
 APPROVED

mohammad
 9/30/2019 8:15:01 AM

Quant Time: Sep 27 15:10:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	221899	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	854754	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	477054	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	886107	20.00	ng	0.00
76) Chrysene-d12	14.01	240	756371	20.00	ng	0.01
87) Perylene-d12	15.49	264	833537	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1401015	109.00	ng	0.02
7) Phenol-d6	6.43	99	1699573	107.87	ng	0.01
23) Nitrobenzene-d5	7.35	82	914368	69.02	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	516990	109.26	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1976054	74.55	ng	0.00
79) Terphenyl-d14	12.94	244	2406245	66.74	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.54	88	214270	36.941	ng	100
3) Pyridine	3.28	79	511904	32.783	ng	98
4) n-Nitrosodimethylamine	3.22	42	174529	39.638	ng	97
6) Aniline	6.45	93	678471	31.232	ng	# 92
8) 2-Chlorophenol	6.58	128	587618	42.454	ng	99
9) Benzaldehyde	6.33	77	302925	34.798	ng	99
10) Phenol	6.45	94	734945	41.056	ng	78
11) bis(2-Chloroethyl)ether	6.52	93	552162	40.279	ng	99
12) 1,3-Dichlorobenzene	6.73	146	656471	39.524	ng	99
13) 1,4-Dichlorobenzene	6.80	146	667754	40.407	ng	98
14) 1,2-Dichlorobenzene	6.96	146	627982	41.483	ng	98
15) Benzyl Alcohol	6.93	79	463383	40.414	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	510304	39.265	ng	99
17) 2-Methylphenol	7.05	107	491953	41.498	ng	99
18) Hexachloroethane	7.30	117	236404	38.656	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	333517	40.036	ng	97
20) 3+4-Methylphenols	7.20	107	607529	42.379	ng	97
22) Acetophenone	7.19	105	807892	43.615	ng	# 98
24) Nitrobenzene	7.37	77	560267	40.716	ng	98
25) Isophorone	7.61	82	1033860	39.411	ng	98
26) 2-Nitrophenol	7.69	139	305448	41.871	ng	98
27) 2,4-Dimethylphenol	7.73	122	522976	45.007	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	689514	39.519	ng	99
29) 2,4-Dichlorophenol	7.93	162	523157	42.008	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	568244	39.808	ng	99
31) Naphthalene	8.09	128	1672754	42.255	ng	99
32) Benzoic acid	7.84	122	251124	32.007	ng	96
33) 4-Chloroaniline	8.14	127	492745	27.504	ng	99
34) Hexachlorobutadiene	8.22	225	329655	38.976	ng	99
35) Caprolactam	8.50	113	169004m	39.892	ng	
36) 4-Chloro-3-methylphenol	8.63	107	517918	40.966	ng	97
37) 2-Methylnaphthalene	8.79	142	1152424	42.585	ng	100
38) 1-Methylnaphthalene	8.89	142	1075587	42.430	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	578236	42.393	ng	99

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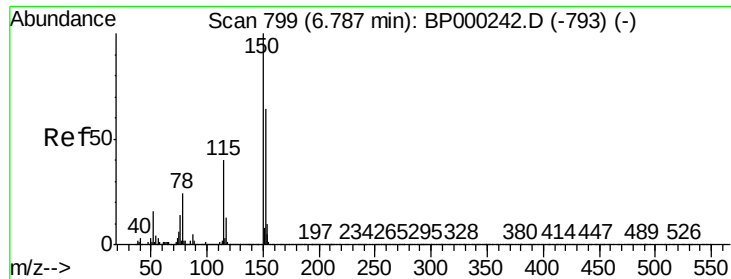
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	496522	63.393	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	372936	39.514	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	402925	41.692	ng	94
46) 1,1'-Biphenyl	9.25	154	1424068	43.151	ng	99
47) 2-Chloronaphthalene	9.28	162	1115542	40.296	ng	99
48) 2-Nitroaniline	9.37	65	275213	39.147	ng	90
49) Acenaphthylene	9.69	152	1759863	42.290	ng	100
50) Dimethylphthalate	9.56	163	1311058	40.337	ng	98
51) 2,6-Dinitrotoluene	9.62	165	297247	41.593	ng	89
52) Acenaphthene	9.87	154	1024808	39.025	ng	99
53) 3-Nitroaniline	9.78	138	230044	27.732	ng	96
54) 2,4-Dinitrophenol	9.90	184	227767	72.139	ng	95
55) Dibenzofuran	10.04	168	1568322	42.246	ng	100
56) 4-Nitrophenol	9.96	139	441759	71.601	ng	89
57) 2,4-Dinitrotoluene	10.02	165	395388	42.321	ng	90
58) Fluorene	10.39	166	1205166	42.030	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	336139	42.269	ng	97
60) Diethylphthalate	10.26	149	1263874	40.423	ng	100
61) 4-Chlorophenyl-phenylether	10.38	204	618287	42.007	ng	93
62) 4-Nitroaniline	10.40	138	328698	40.286	ng	97
63) Azobenzene	10.54	77	1097850	41.445	ng	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	175721	42.174	ng	99
66) n-Nitrosodiphenylamine	10.50	169	1090267	40.872	ng	99
67) 4-Bromophenyl-phenylether	10.88	248	391302	39.051	ng	93
68) Hexachlorobenzene	10.95	284	421562	38.483	ng	96
70) Pentachlorophenol	11.15	266	383109	64.213	ng	99
71) Phenanthrene	11.36	178	1864337	41.985	ng	100
72) Anthracene	11.41	178	1894910	41.458	ng	100
73) Carbazole	11.56	167	1770690	43.017	ng	99
74) Di-n-butylphthalate	11.90	149	2039616	39.147	ng	99
75) Fluoranthene	12.56	202	2095999	43.958	ng	99
77) Benzidine	12.68	184	873425	32.333	ng	99
78) Pyrene	12.79	202	2150913	38.009	ng	100
80) Butylbenzylphthalate	13.42	149	923514	35.517	ng	98
81) Benzo(a)anthracene	14.00	228	1876140	39.268	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	615602	32.060	ng	99
83) Chrysene	14.03	228	1851095	39.460	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1211991	38.829	ng	99
85) Di-n-octyl phthalate	14.61	149	2205070	38.116	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2304271	40.298	ng	99
88) Benzo(b)fluoranthene	15.06	252	2037360	40.972	ng	98
89) Benzo(k)fluoranthene	15.09	252	1935744	44.628	ng	99
90) Benzo(a)pyrene	15.43	252	1970561	43.552	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	1886763	44.726	ng	99
92) Benzo(g,h,i)perylene	17.44	276	1929128	44.490	ng	98

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



#1

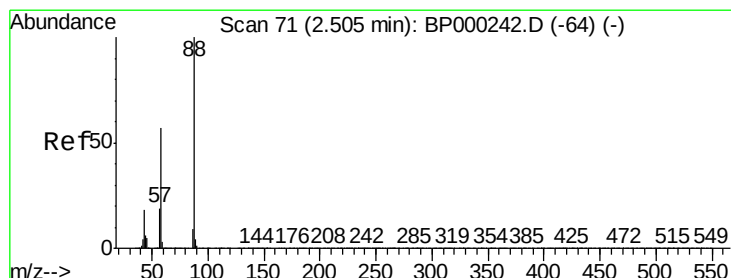
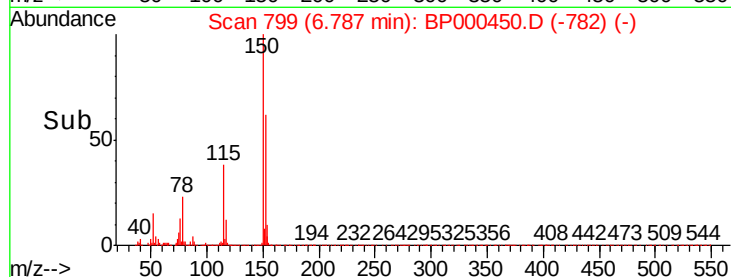
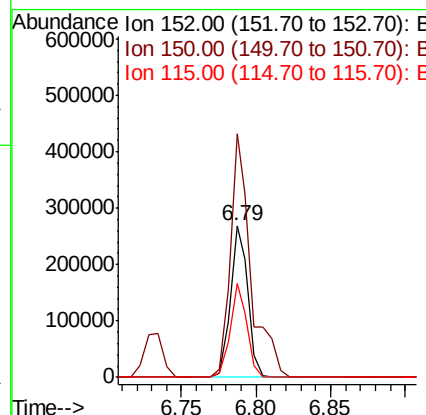
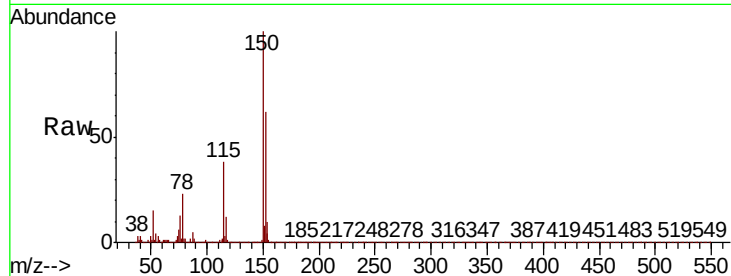
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
150	160.3	125.2	187.8	
115	61.6	49.7	74.5	

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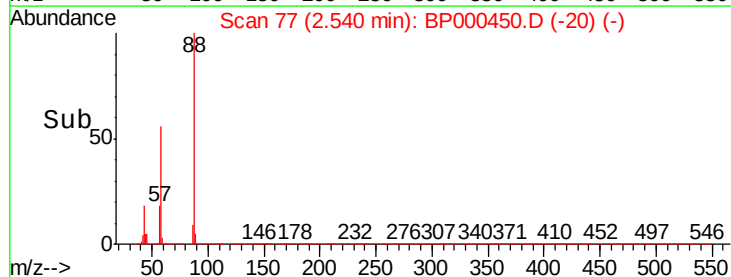
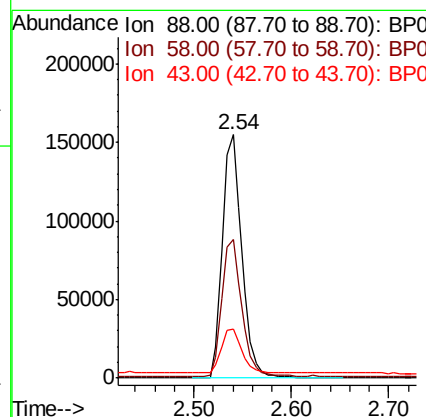
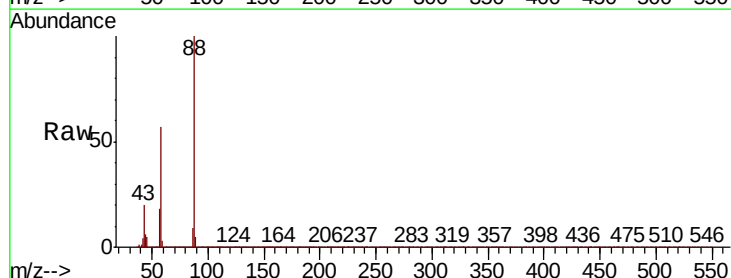
mohammad
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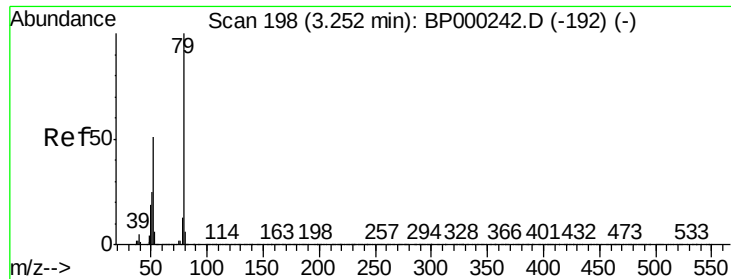


#2

1,4-Dioxane
Concen: 36.941 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.04 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
88	100			
58	56.8	45.4	68.2	
43	18.3	15.0	22.6	





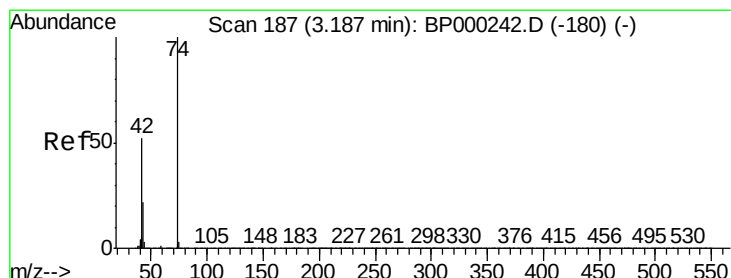
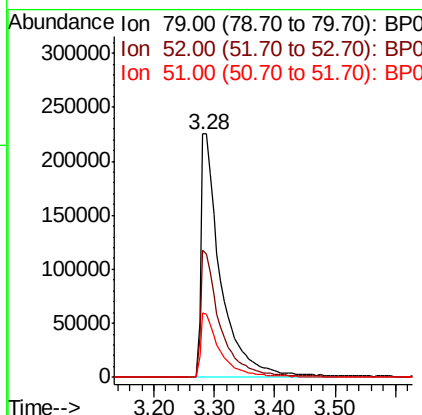
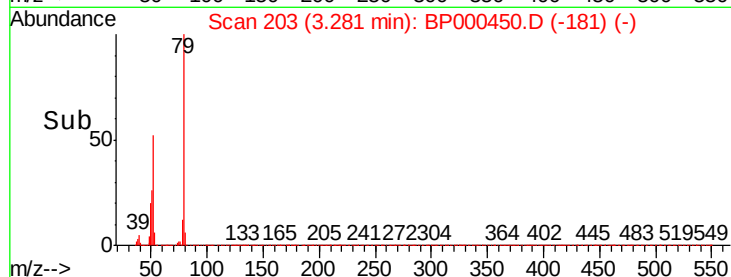
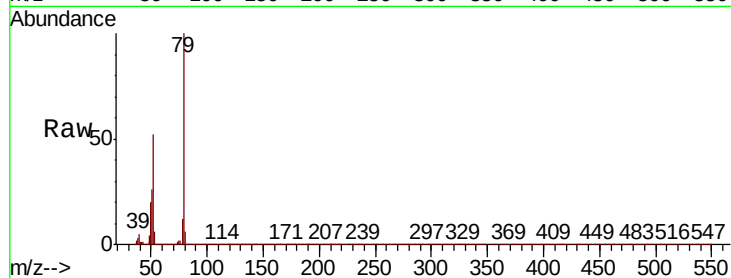
#3
Pvridine
Concen: 32.783 ng
RT: 3.28 min Scan# 203
Delta R.T. 0.03 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion:	79	Resp:	511904
Ion Ratio	Lower	Upper	
79	100		
52	52.0	40.9	61.3
51	26.3	20.2	30.2

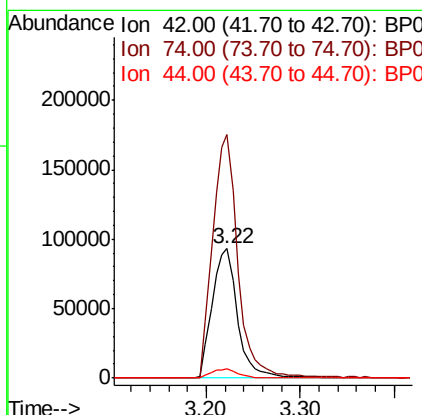
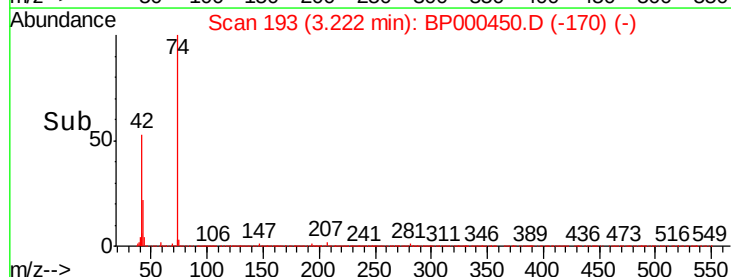
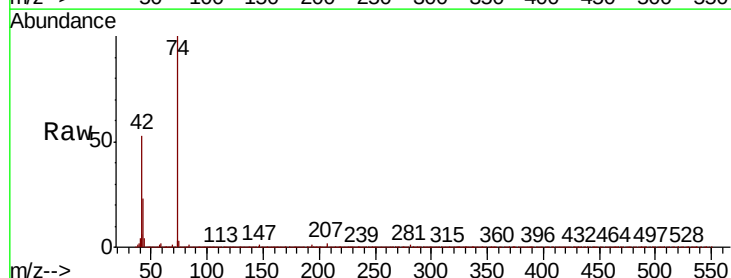
Manual Integrations
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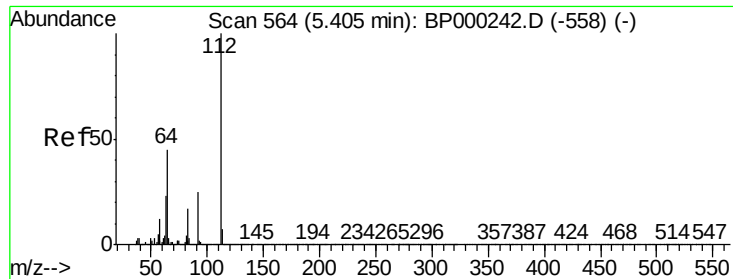
mohammad
9/30/2019 8:15:01 AM



#4
n-Nitrosodimethylamine
Concen: 39.638 ng
RT: 3.22 min Scan# 193
Delta R.T. 0.04 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion:	42	Resp:	174529
Ion Ratio	Lower	Upper	
42	100		
74	188.5	154.5	231.7
44	7.1	5.9	8.9





#5

2-Fluorophenol

Concen: 108.997 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_P

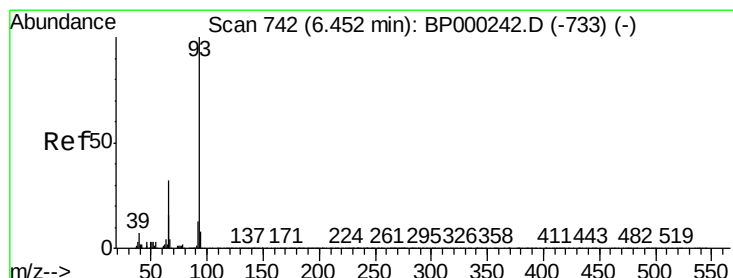
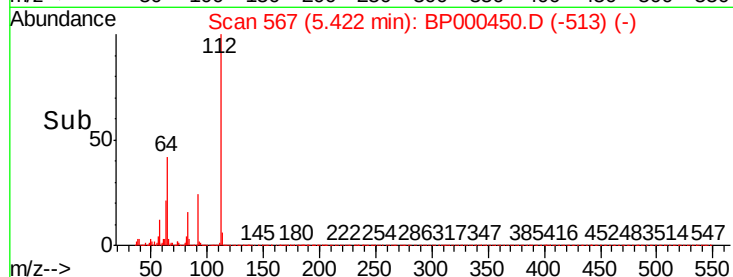
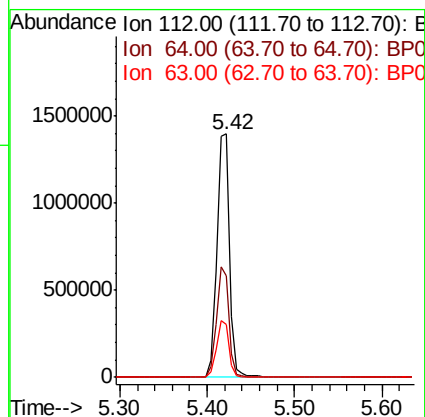
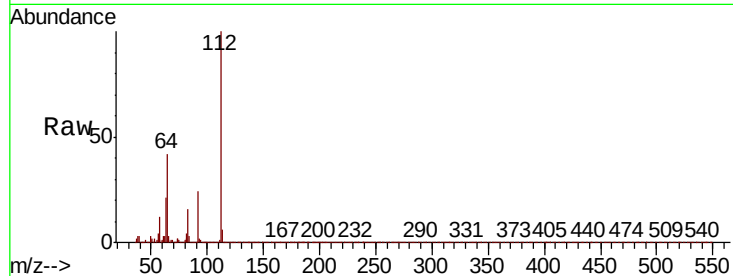
ClientSampleId :

PB123396BS

Tot Ion:	112	Resp:	1401015
Ion Ratio	Lower	Upper	
112	100		
64	41.8	36.2	54.4
63	21.5	18.3	27.5

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#6

Aniline

Concen: 31.232 ng

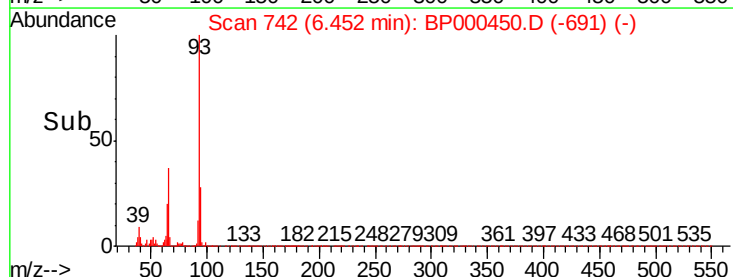
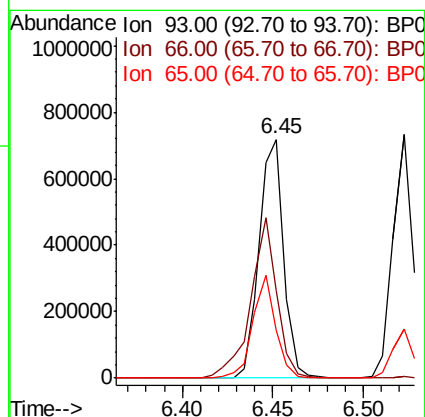
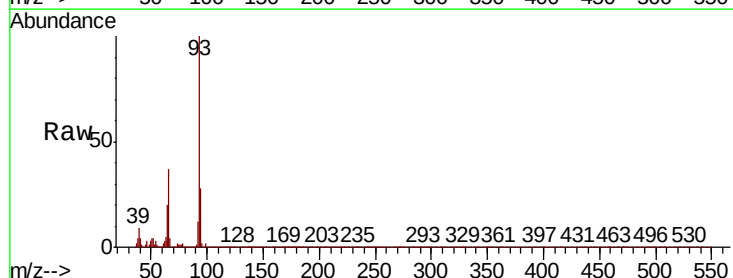
RT: 6.45 min Scan# 742

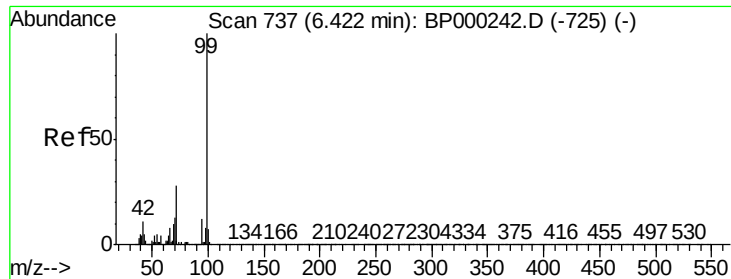
Delta R.T. -0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Tgt Ion:	93	Resp:	678471
Ion Ratio	Lower	Upper	
93	100		
66	36.9	26.2	39.2
65	19.8	12.7	19.1





#7

Phenol-d6

Concen: 107.869 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_P

ClientSampleId :

PB123396BS

Tot Ion: 99 Resp: 1699573

Ion Ratio Lower Upper

99 100

42 10.4 8.5 12.7

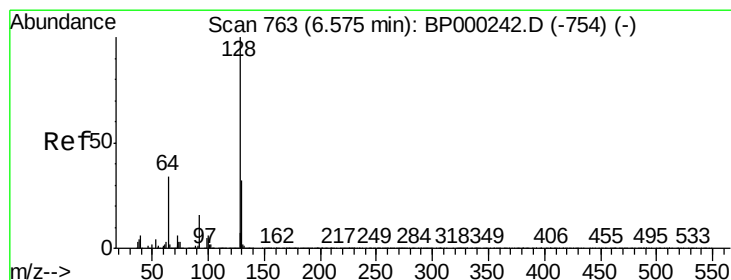
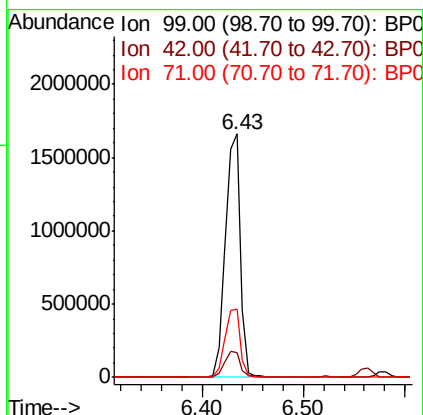
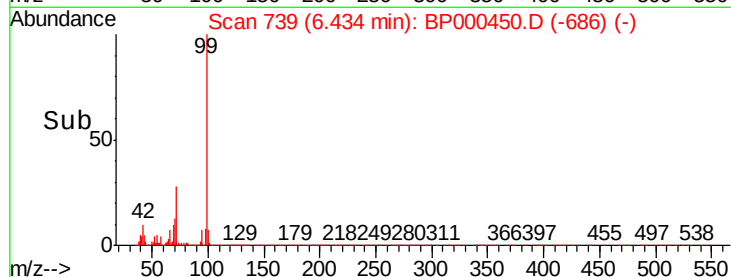
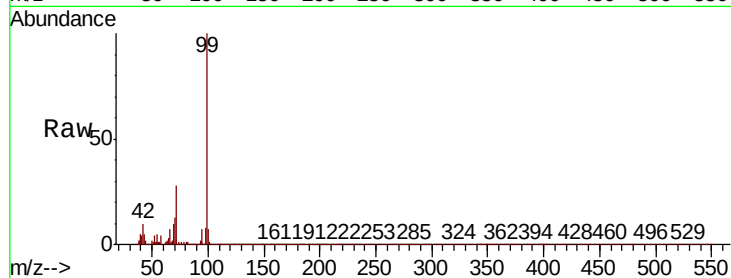
71 28.1 22.6 34.0

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#8

2-Chlorophenol

Concen: 42.454 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

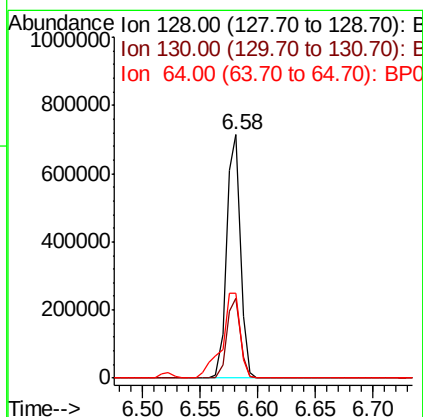
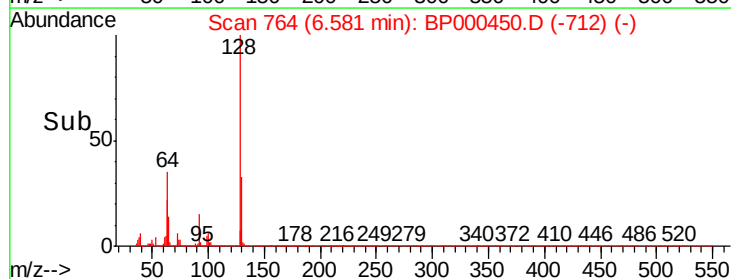
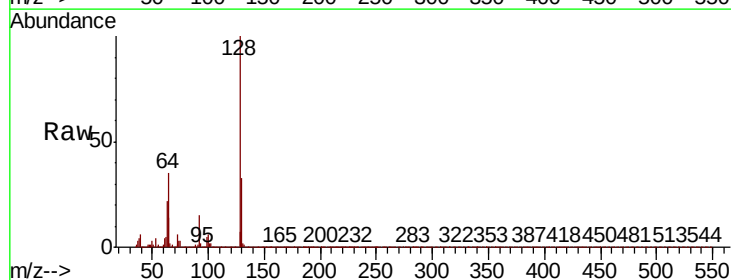
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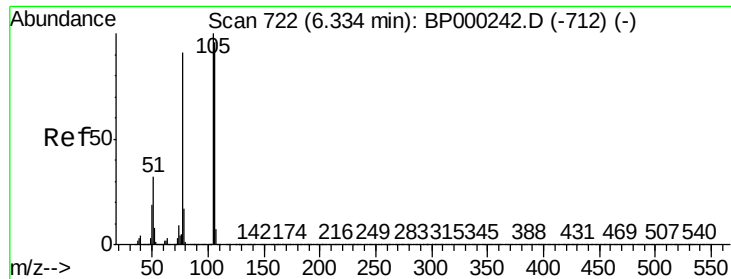
Ion Ratio Lower Upper

128 100

130 32.9 12.5 52.5

64 34.7 16.0 56.0





#9

Benzaldehyde

Concen: 34.798 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_P

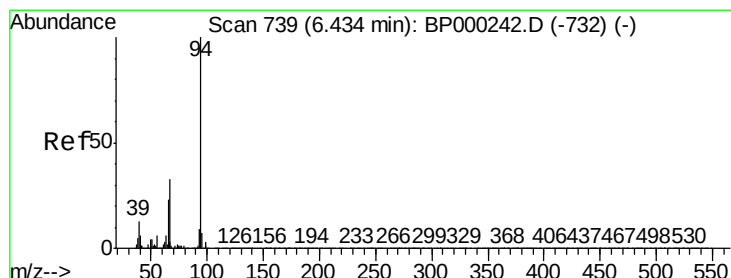
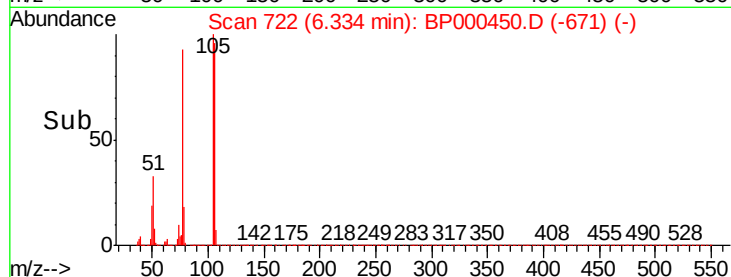
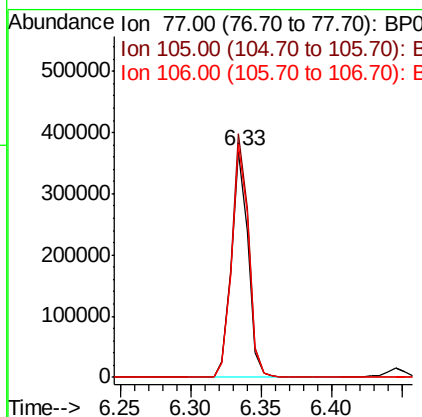
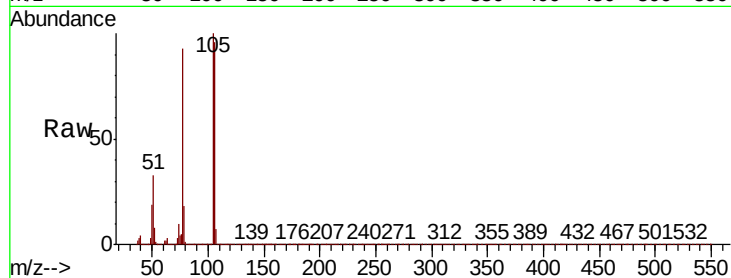
ClientSampleId :

PB123396BS

Tot Ion:	77	Resp:	302925
Ion	Ratio	Lower	Upper
77	100		
105	107.8	89.6	129.6
106	103.6	84.6	124.6

Manual Integrations
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#10

Phenol

Concen: 41.056 ng

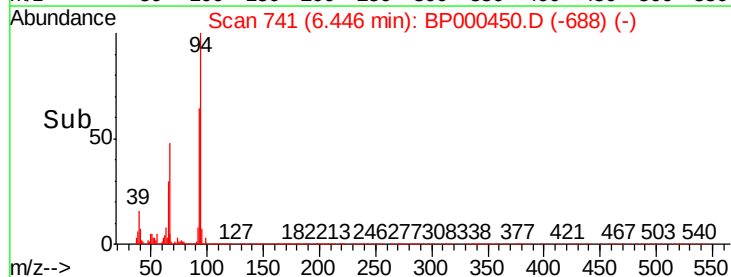
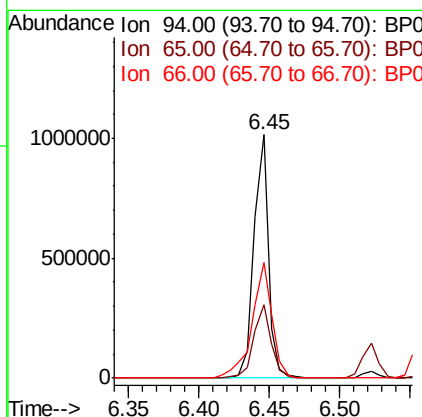
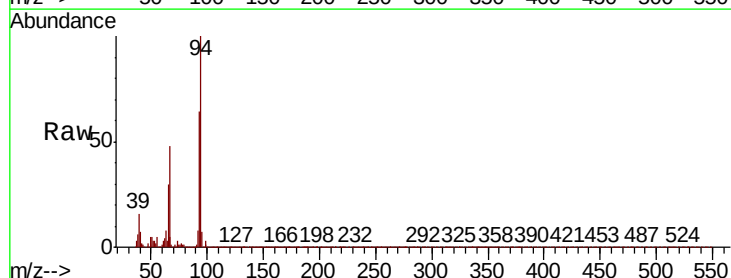
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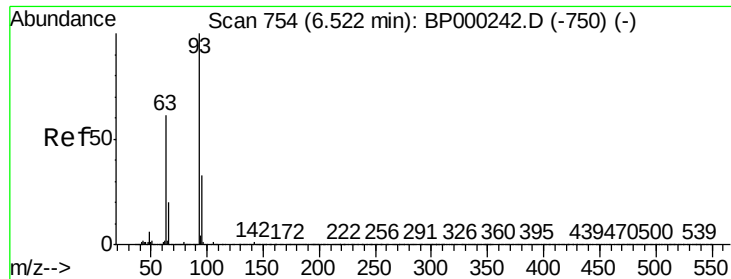
Delta R.T. 0.01 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Tgt Ion:	94	Resp:	734945
Ion	Ratio	Lower	Upper
94	100		
65	30.4	3.3	43.3
66	47.7	12.7	52.7





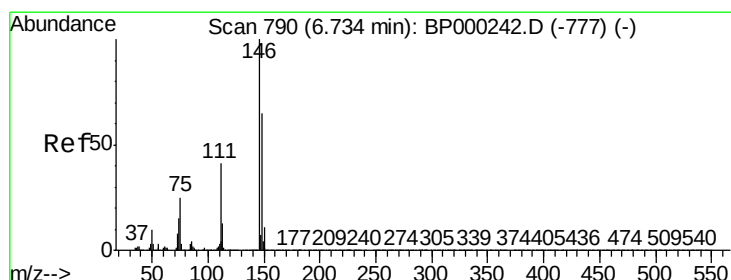
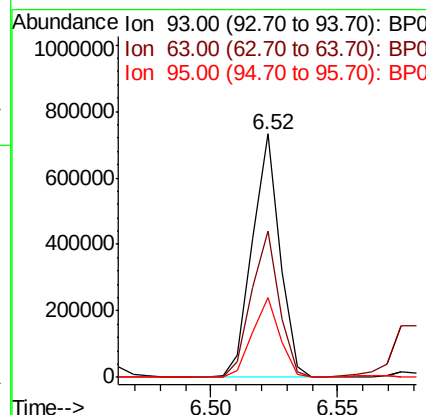
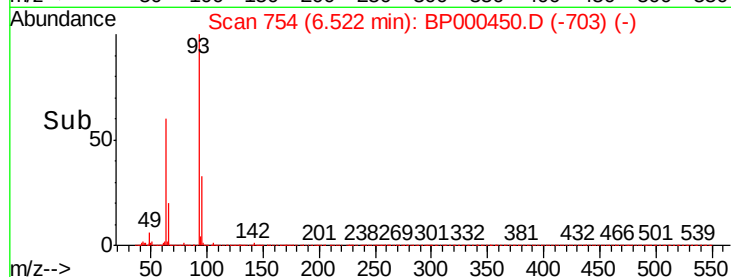
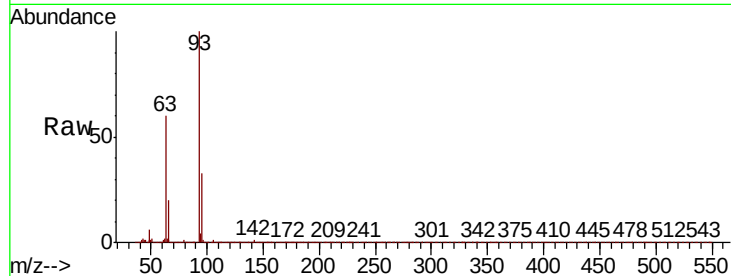
#11
bis(2-Chloroethyl)ether
Concen: 40.279 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	59.9	41.0	81.0	
95	32.7	12.7	52.7	

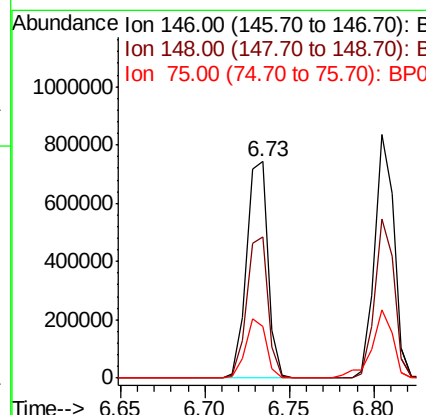
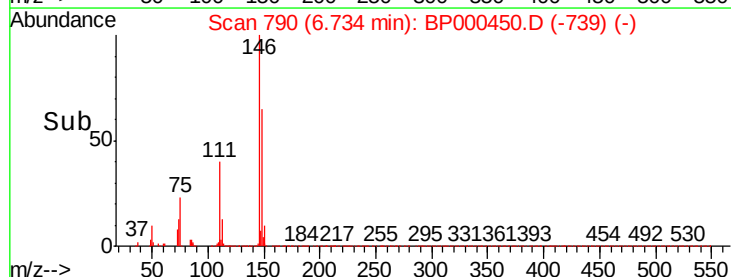
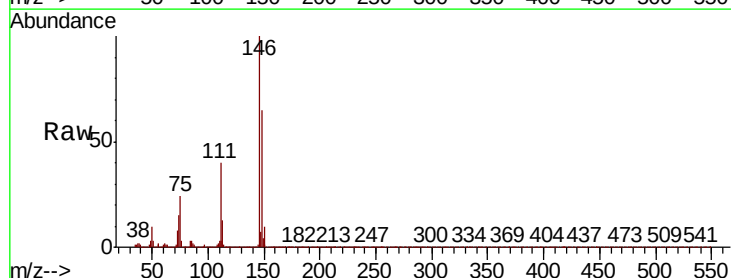
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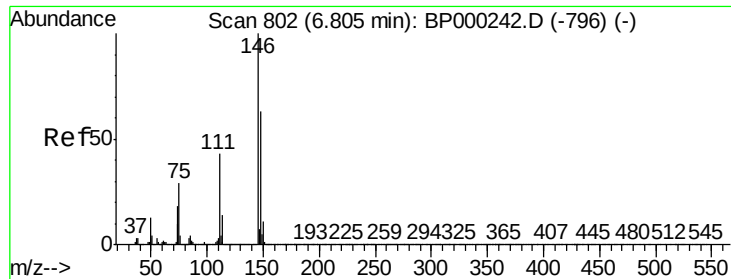
mohammad
9/30/2019 8:15:01 AM



#12
1,3-Dichlorobenzene
Concen: 39.524 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.1	52.1	78.1	
75	23.8	20.2	30.4	





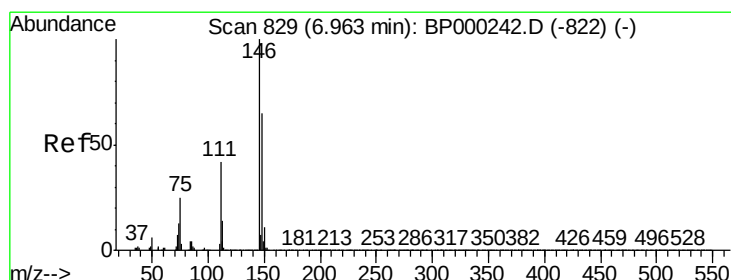
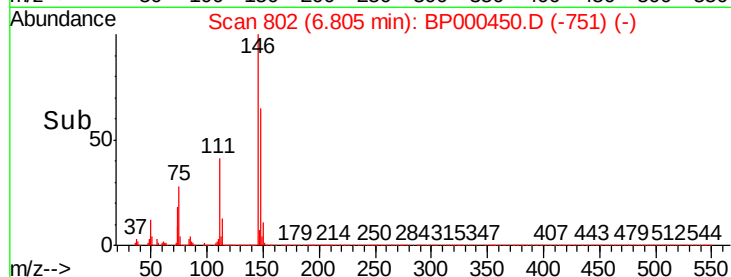
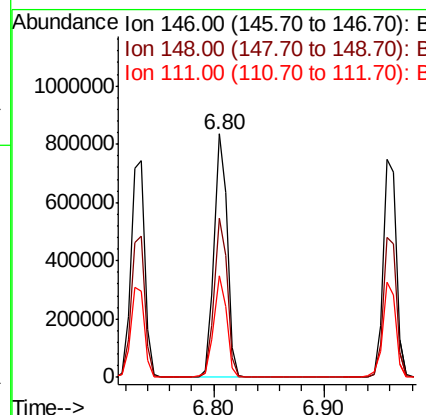
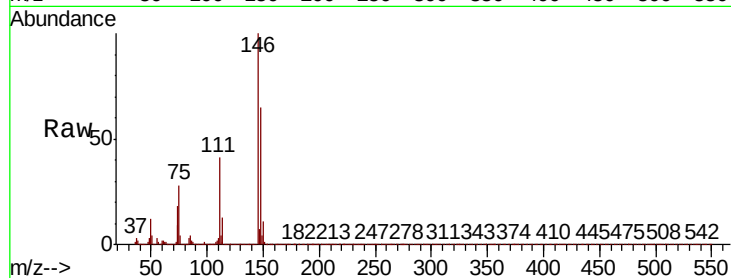
#13
 1,4-Dichlorobenzene
 Concen: 40.407 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Instrument :
 BNA_P
 ClientSampleId :
 PB123396BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.7	76.1
111	41.5	34.1	51.1

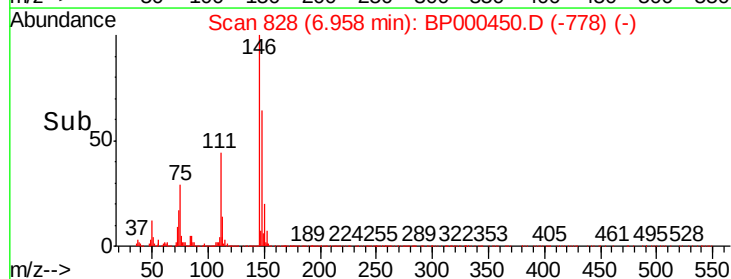
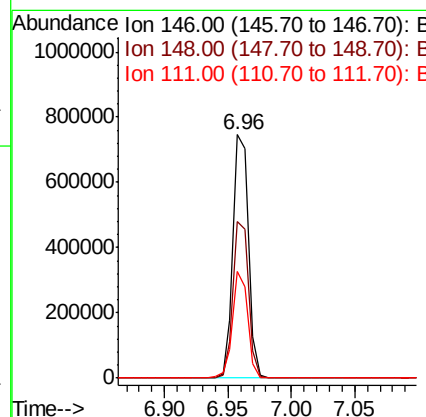
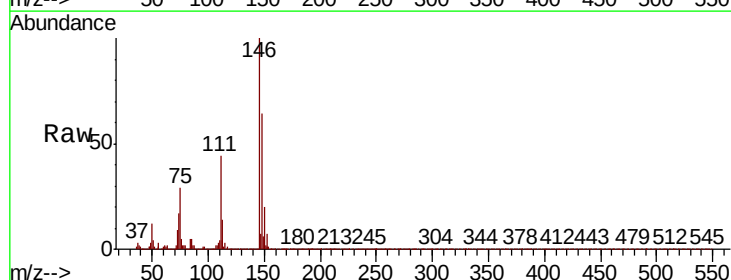
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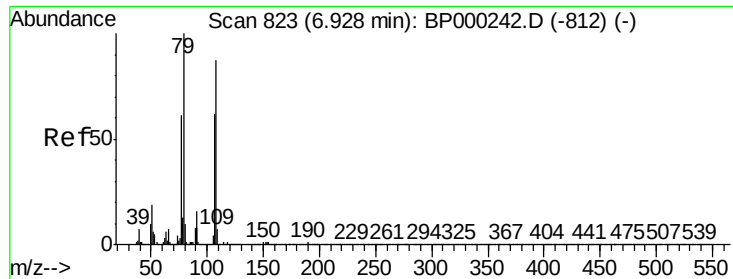
mohammad
 9/30/2019 8:15:01 AM



#14
 1,2-Dichlorobenzene
 Concen: 41.483 ng
 RT: 6.96 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.7	77.5
111	43.8	33.4	50.2





#15

Benzyl Alcohol

Concen: 40.414 ng

RT: 6.93 min Scan# 823

Delta R.T. -0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_P

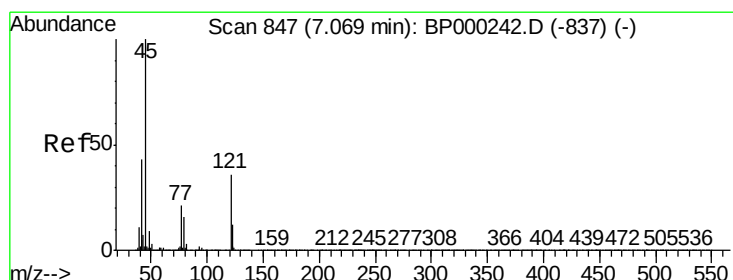
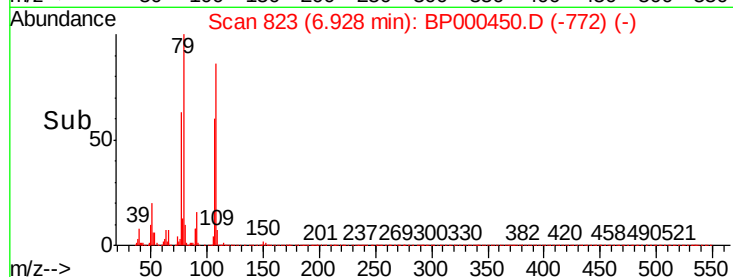
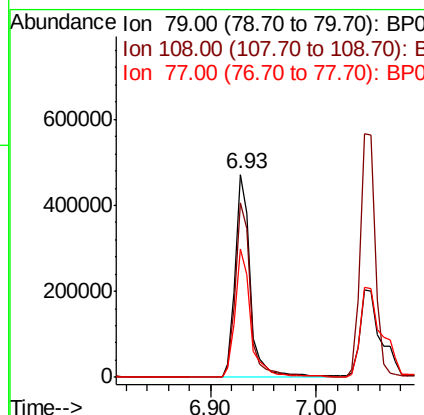
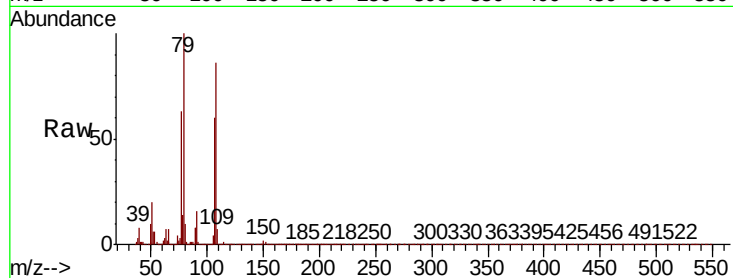
ClientSampleId :

PB123396BS

Tot Ion:	79	Resp:	463383
Ion Ratio	Lower	Upper	
79	100		
108	86.2	69.2	103.8
77	63.0	48.7	73.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.265 ng

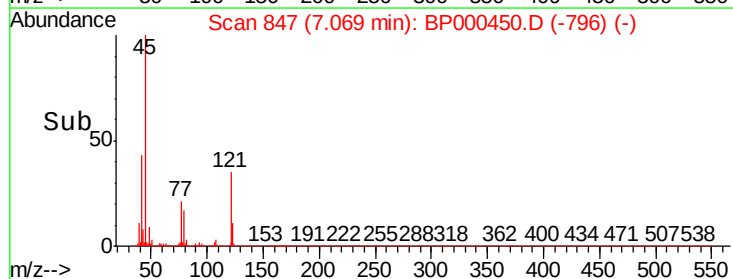
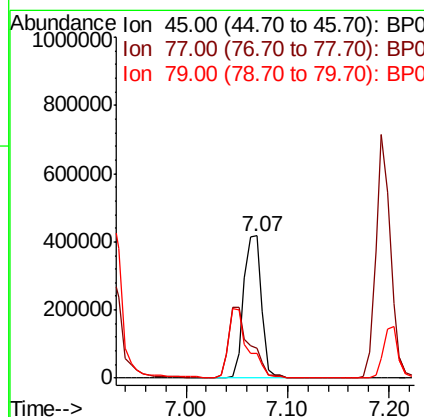
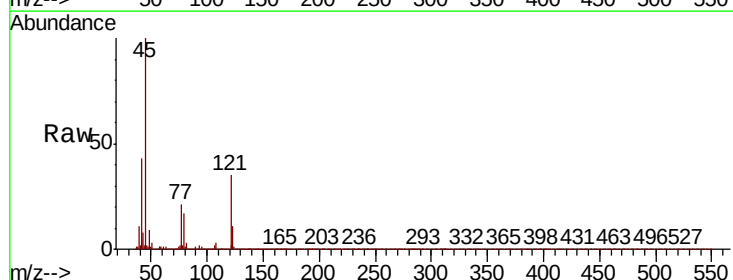
RT: 7.07 min Scan# 847

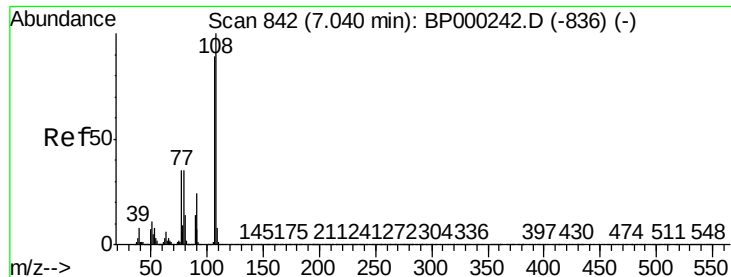
Delta R.T. -0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Tgt Ion:	45	Resp:	510304
Ion Ratio	Lower	Upper	
45	100		
77	21.1	0.7	40.7
79	17.4	0.0	36.4





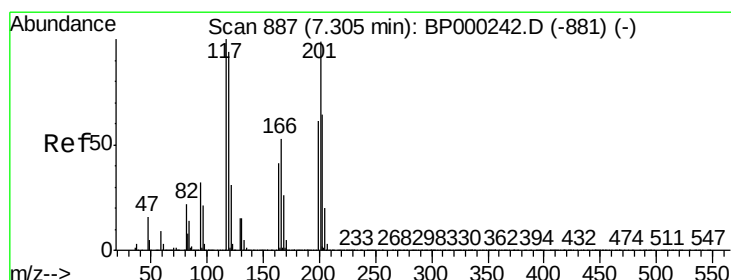
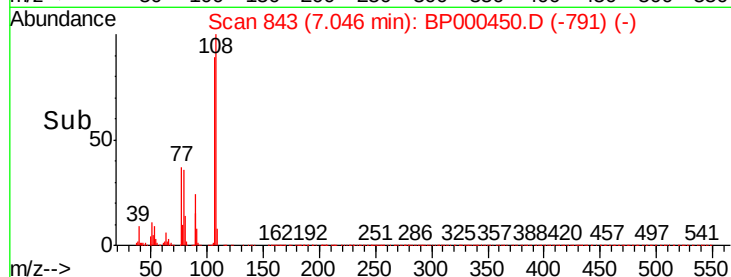
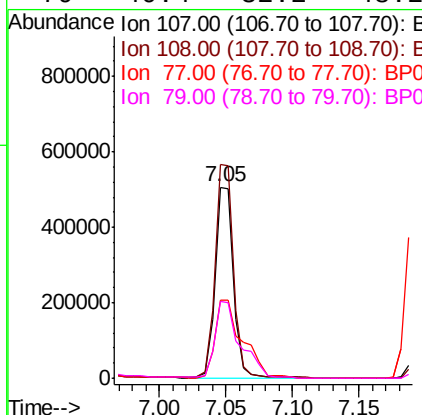
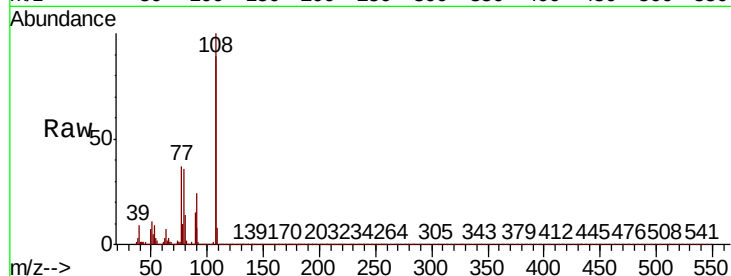
#17
2-Methylphenol
Concen: 41.498 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	90.1	135.1	
77	41.2	31.5	47.3	
79	40.4	32.2	48.2	

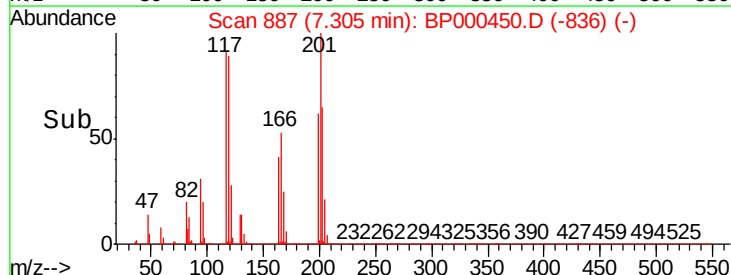
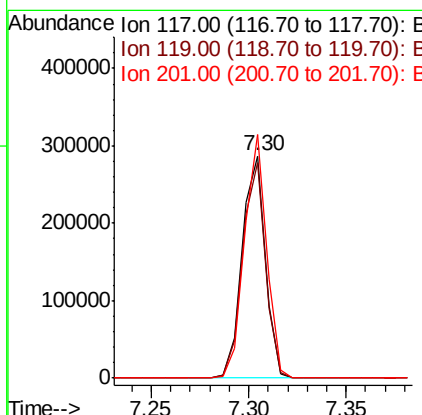
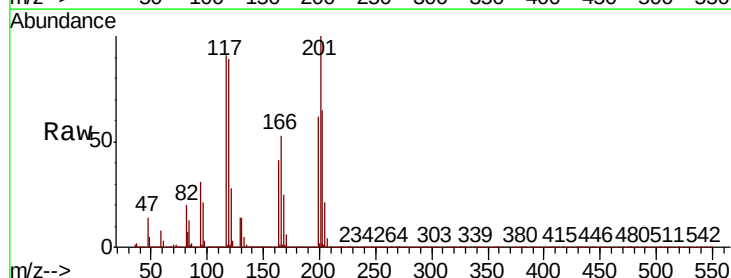
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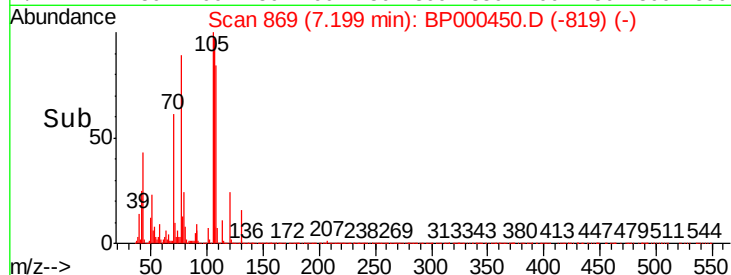
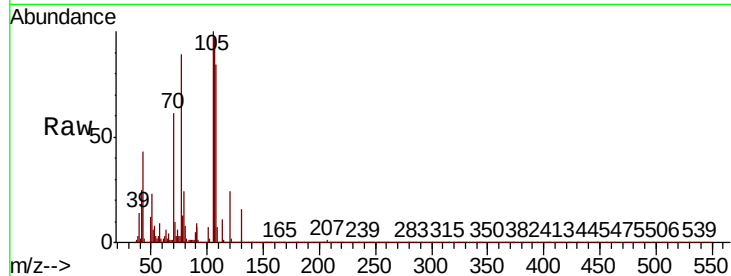
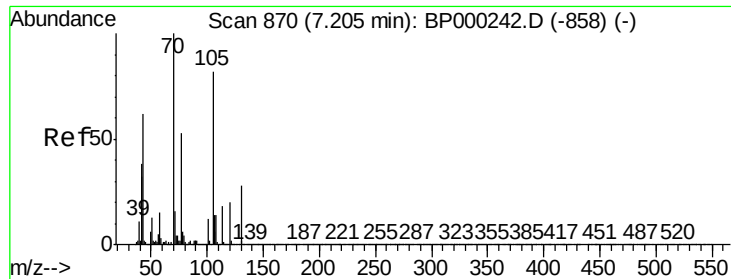
mohammad
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#18
Hexachloroethane
Concen: 38.656 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	75.6	113.4	
201	109.4	79.4	119.2	





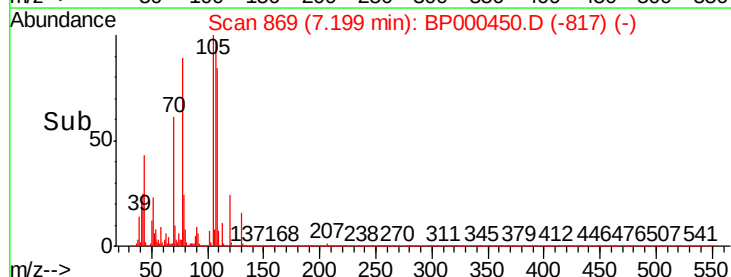
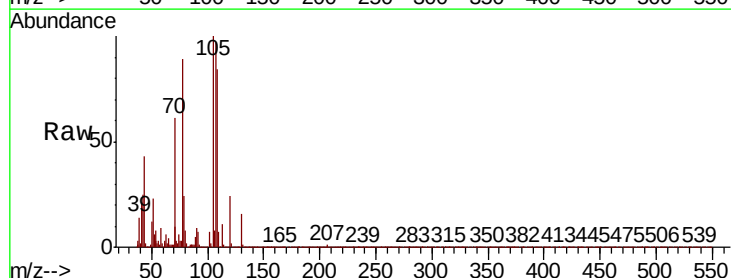
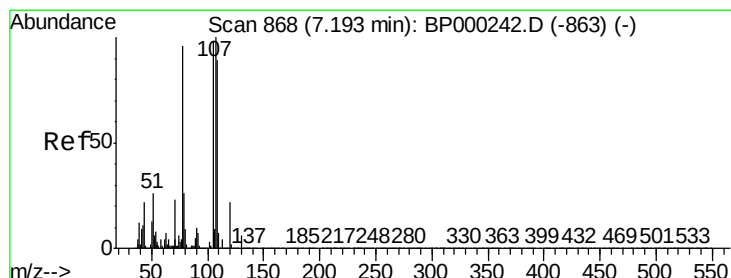
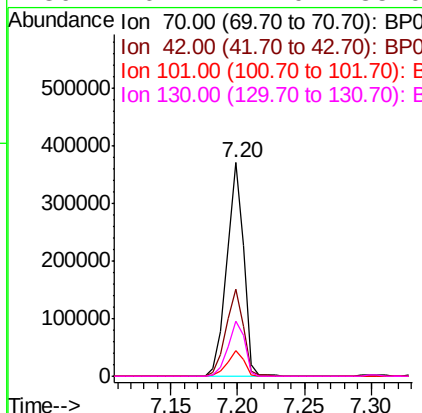
#19
n-Nitroso-di-n-propylamine
Concen: 40.036 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

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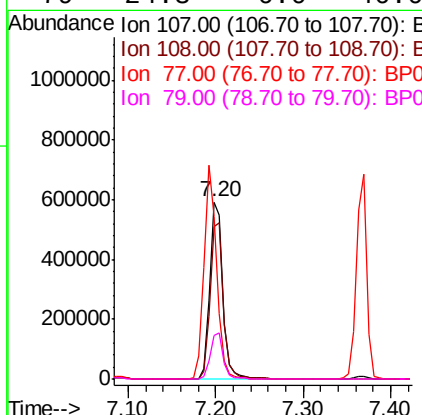
mohammad
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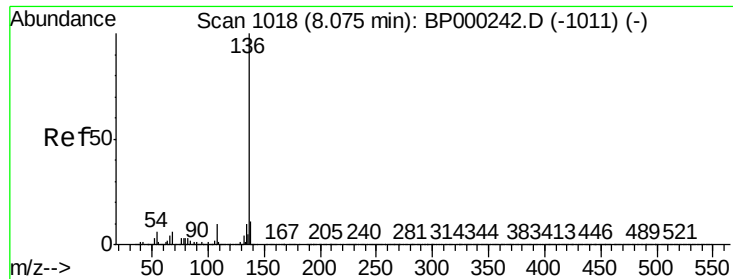
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	41.0	30.7	46.1		
101	11.9	9.6	14.4		
130	26.1	22.0	33.0		



#20
3+4-Methylphenols
Concen: 42.379 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.3	68.8	108.8		
77	91.9	75.7	115.7		
79	24.3	6.0	46.0		





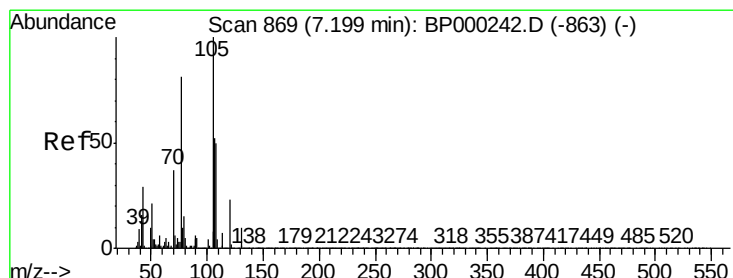
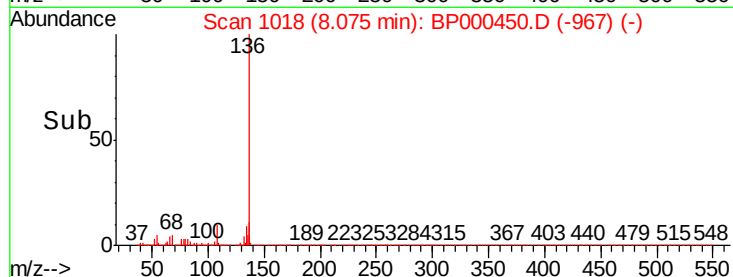
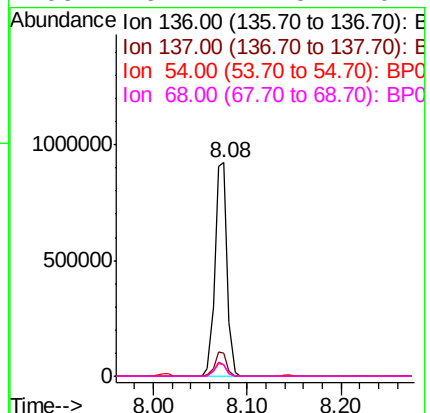
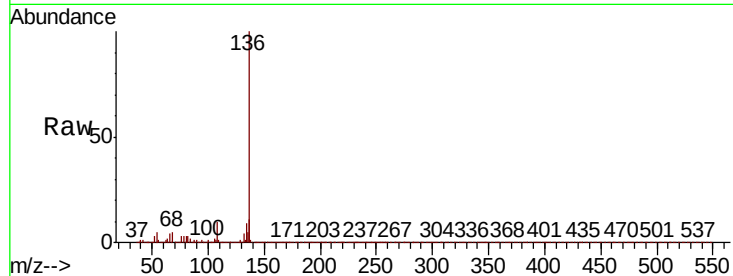
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		854754		
137	10.9	8.6	13.0		
54	5.2	4.5	6.7		
68	5.4	4.5	6.7		

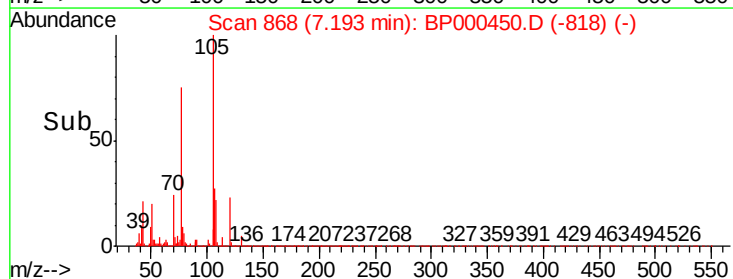
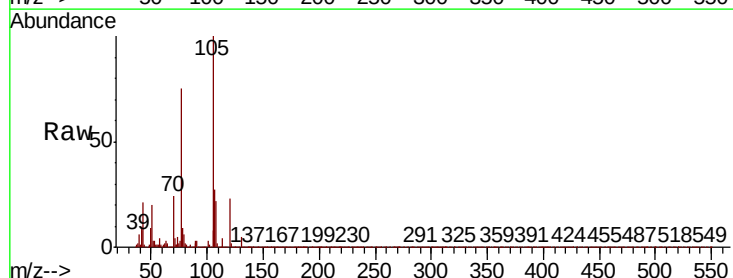
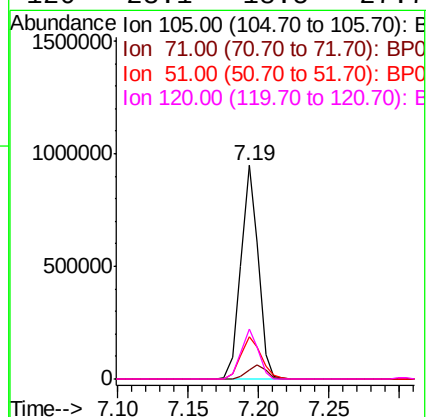
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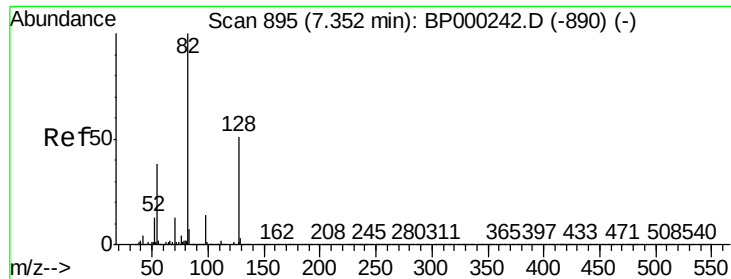
mohammad
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#22
Acetophenone
Concen: 43.615 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		807892		
71	4.1	5.2	7.8#		
51	19.8	16.6	24.8		
120	23.1	18.5	27.7		





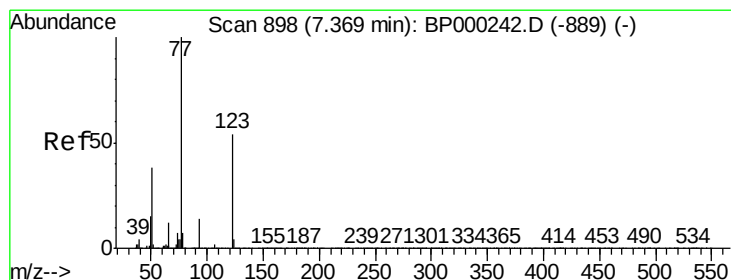
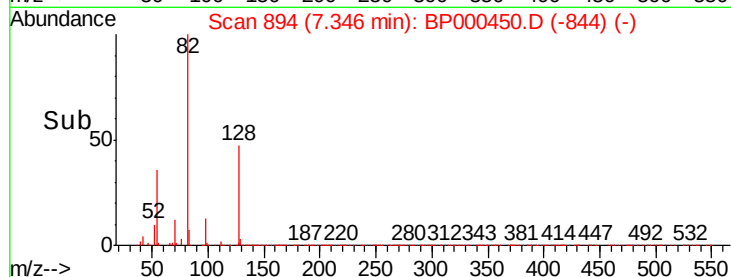
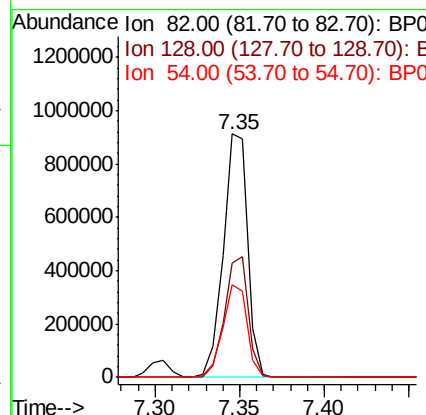
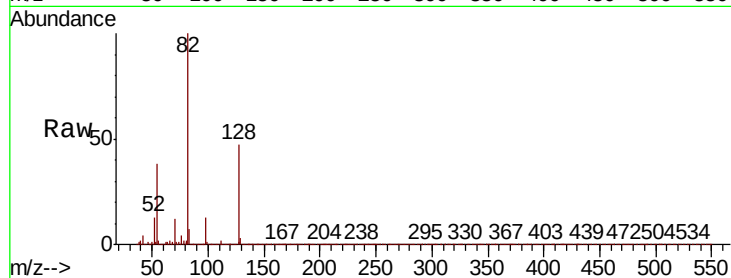
#23
Nitrobenzene-d5
Concen: 69.019 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	40.7	61.1
54	38.0	30.1	45.1

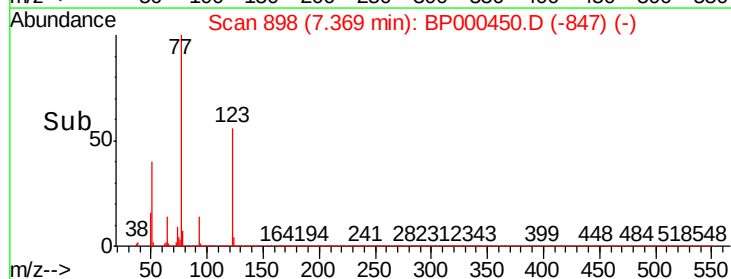
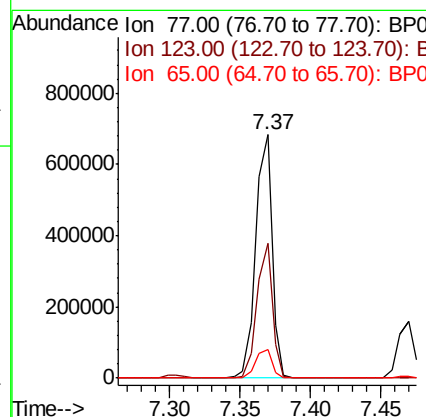
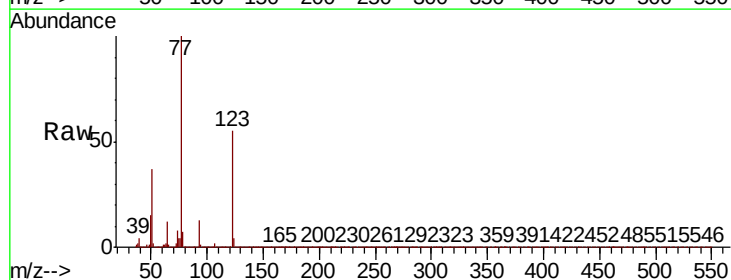
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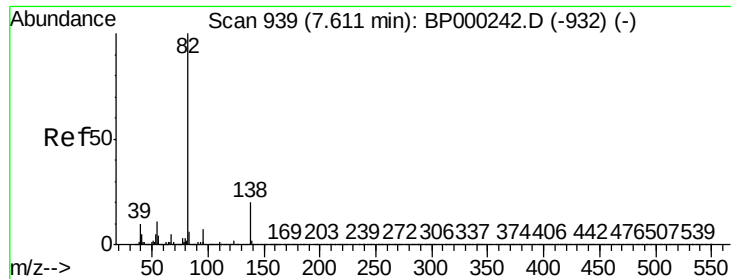
mohammad
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#24
Nitrobenzene
Concen: 40.716 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.4	43.1	64.7
65	12.0	9.4	14.2





#25

Isophorone

Concen: 39.411 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_P

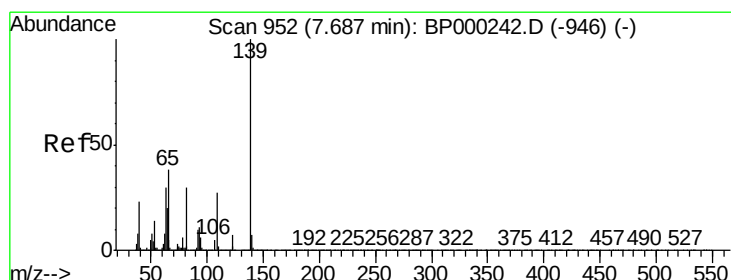
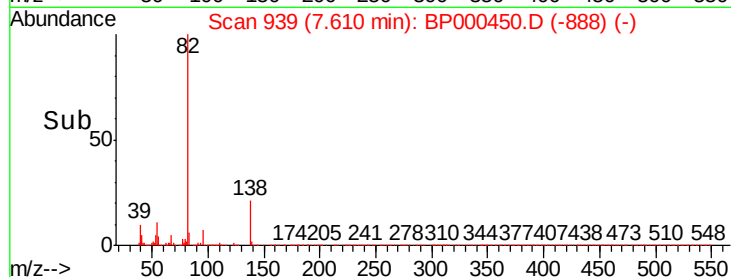
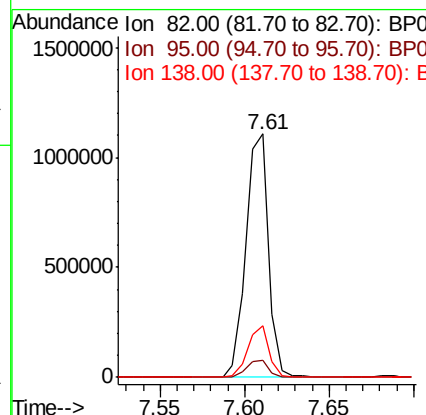
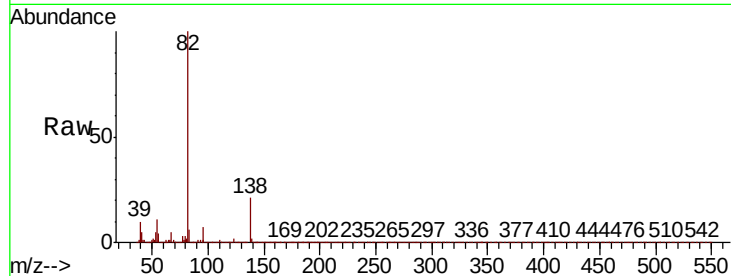
ClientSampled :

PB123396BS

Tot Ion:	82	Resp:	1033860
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.9	8.9
138	21.0	15.9	23.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.871 ng

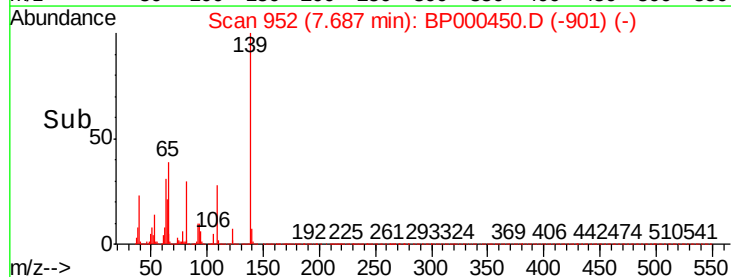
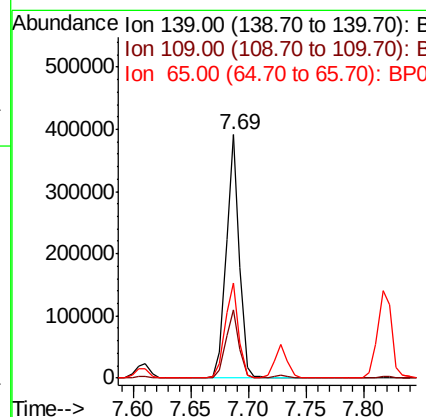
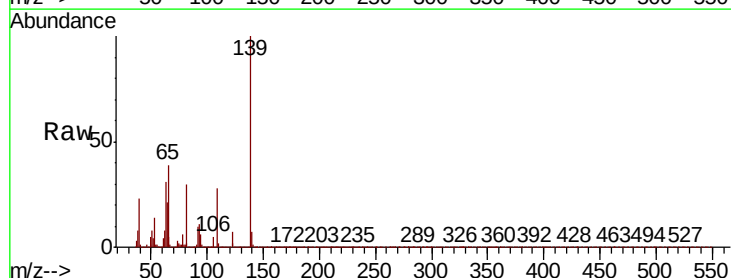
RT: 7.69 min Scan# 952

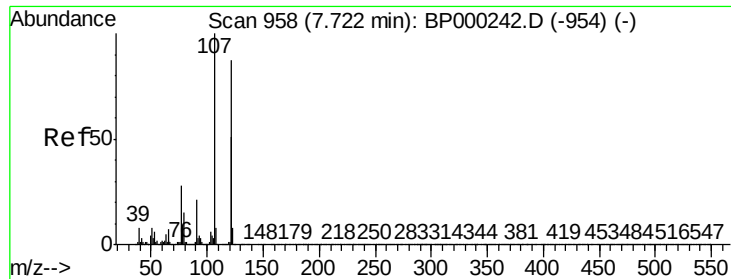
Delta R.T. -0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Tgt Ion:	139	Resp:	305448
Ion	Ratio	Lower	Upper
139	100		
109	28.0	21.8	32.6
65	39.3	30.5	45.7





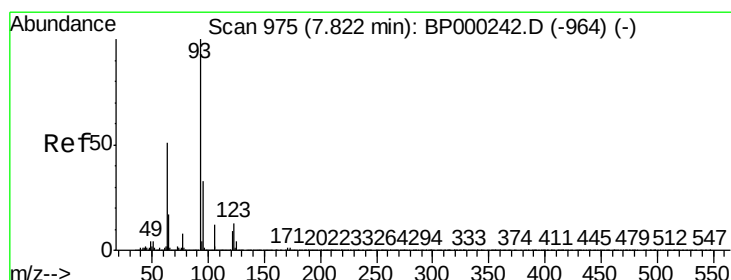
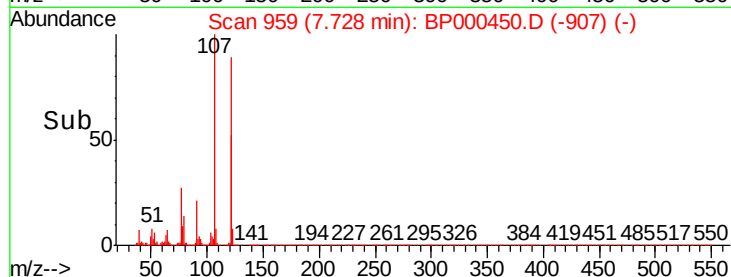
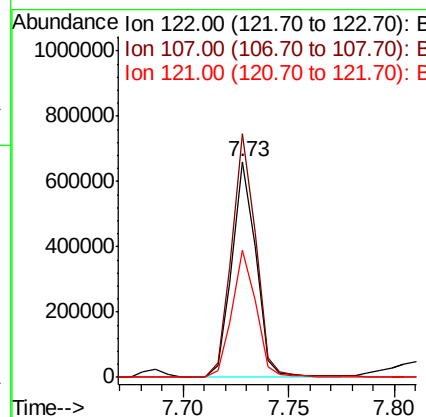
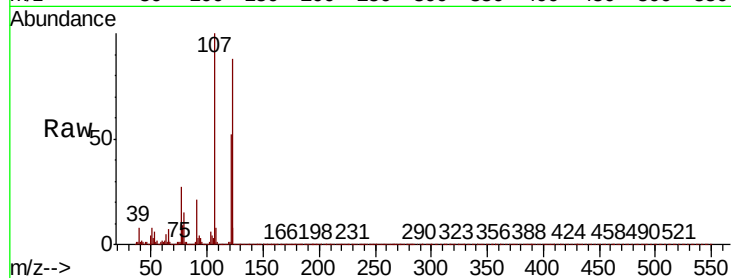
#27
2,4-Dimethylphenol
Concen: 45.007 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	113.0	91.5	137.3
121	59.0	46.9	70.3

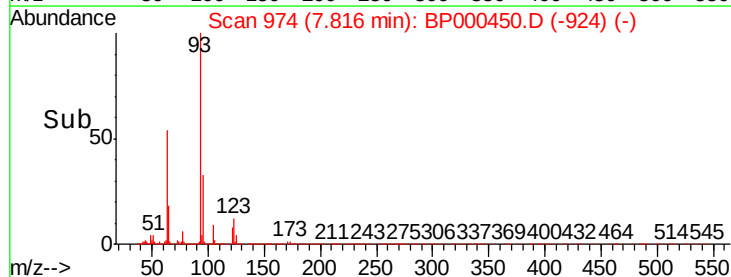
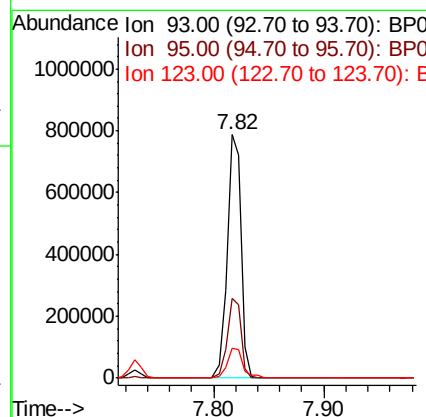
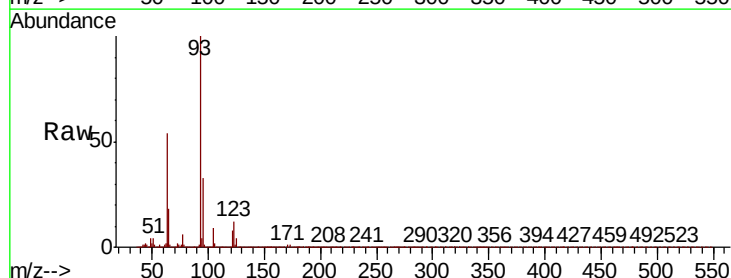
Manual Integrations
APPROVED

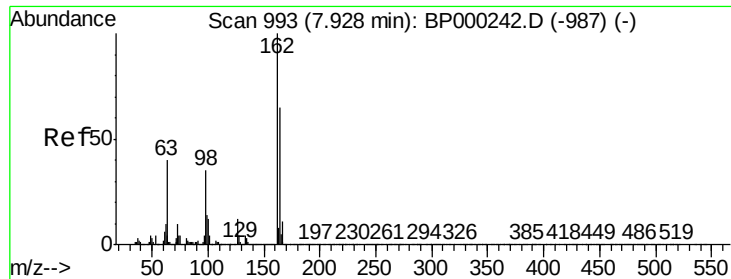
mohammad
9/30/2019 8:15:01 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.519 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	32.5	26.2	39.4
123	12.1	10.2	15.2





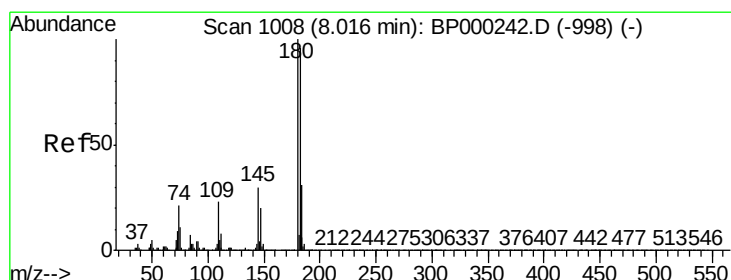
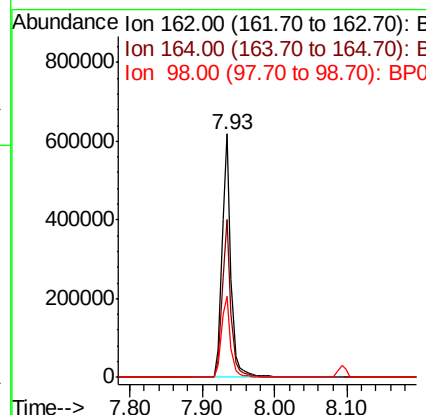
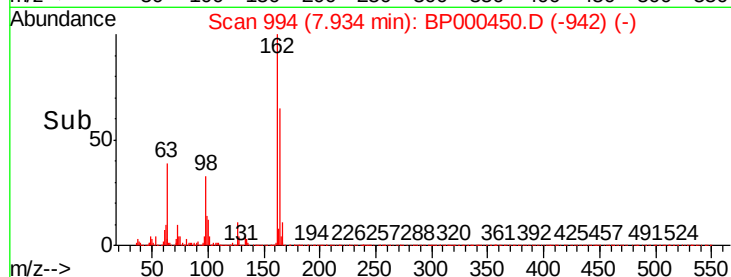
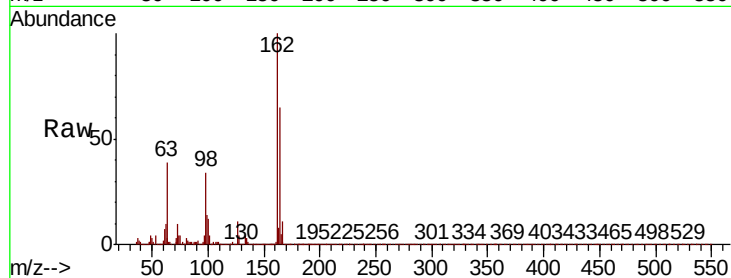
#29
2,4-Dichlorophenol
Concen: 42.008 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion:	162	Resp:	523157
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.5	84.5
98	33.5	15.2	55.2

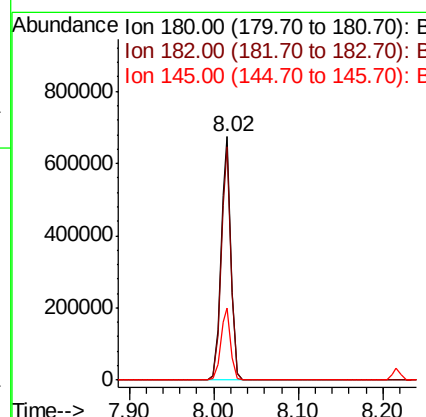
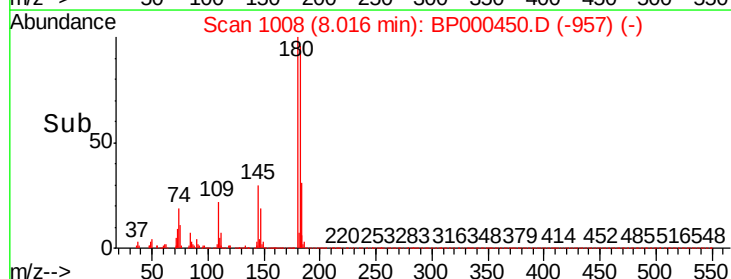
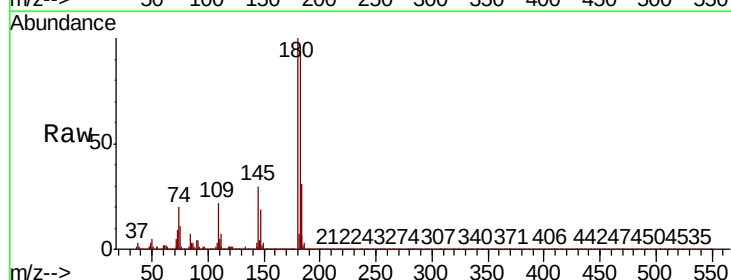
Manual Integrations
APPROVED

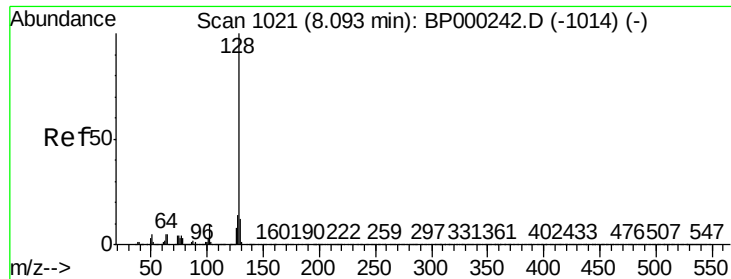
mohammad
9/30/2019 8:15:01 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.808 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion:	180	Resp:	568244
Ion Ratio	Lower	Upper	
180	100		
182	96.1	77.2	115.8
145	29.6	24.3	36.5





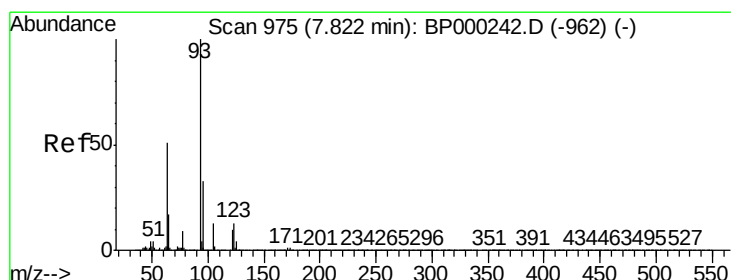
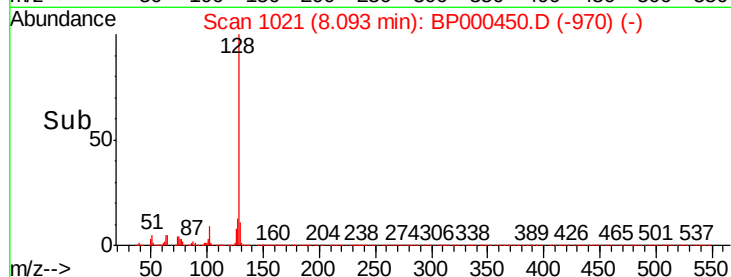
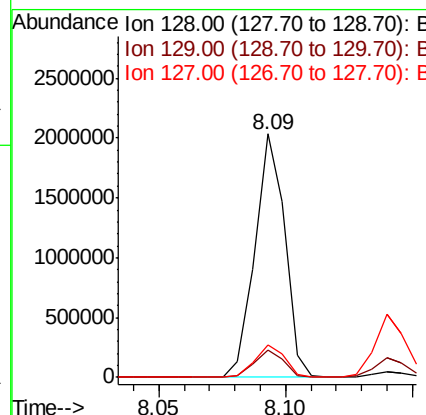
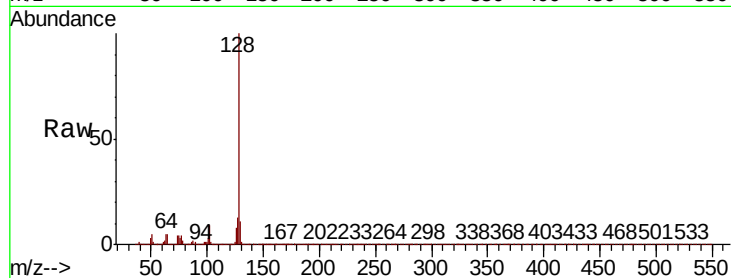
#31
Naphthalene
Concen: 42.255 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampled :
PB123396BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.4	11.0	16.6

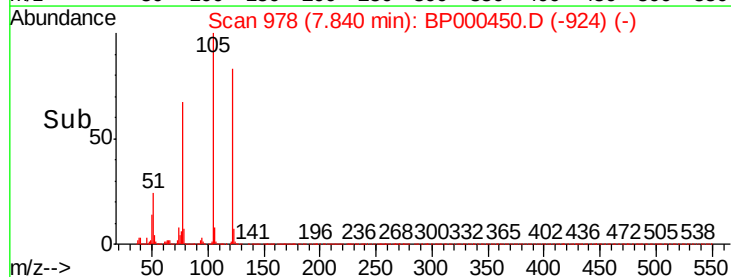
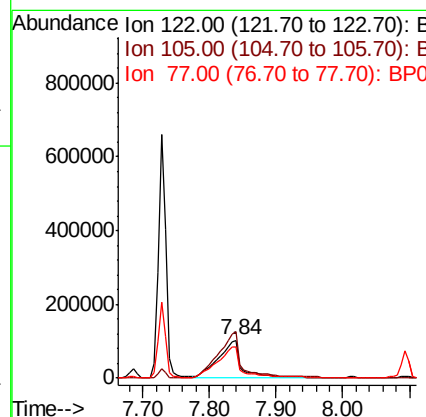
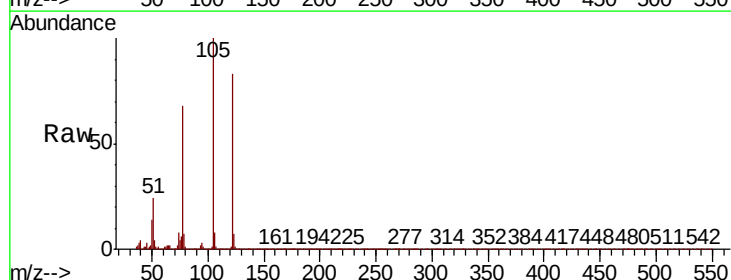
Manual Integrations
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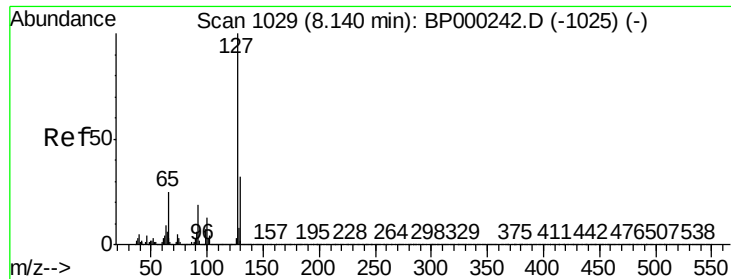
mohammad
9/30/2019 8:15:01 AM



#32
Benzoic acid
Concen: 32.007 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.02 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.4	105.4	145.4
77	82.0	65.3	105.3





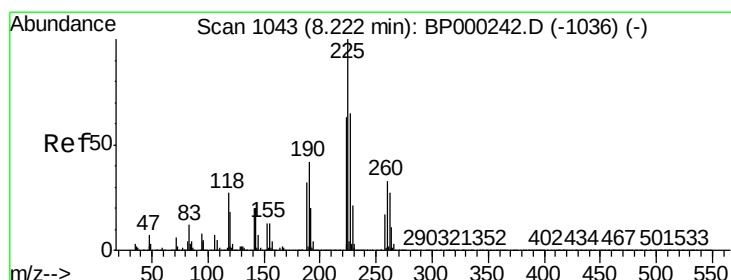
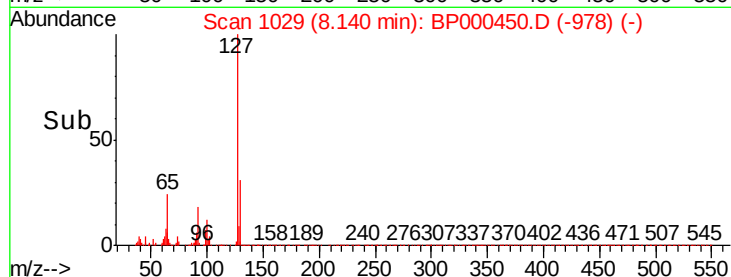
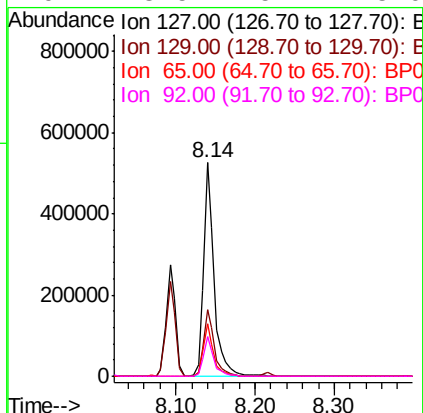
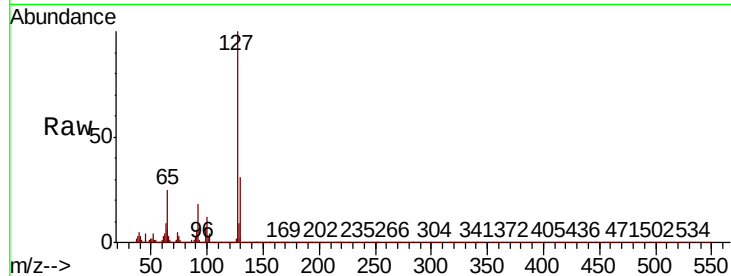
#33
4-Chloroaniline
Concen: 27.504 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.4	25.7	38.5		
65	24.5	19.9	29.9		
92	18.5	15.4	23.0		

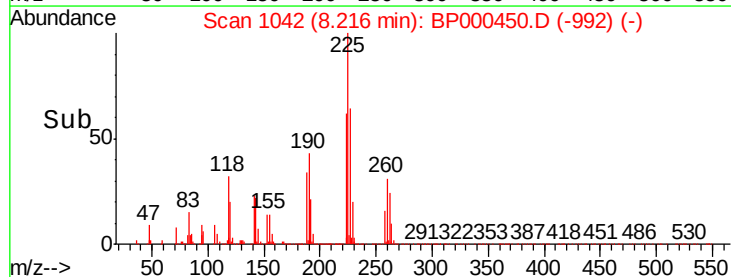
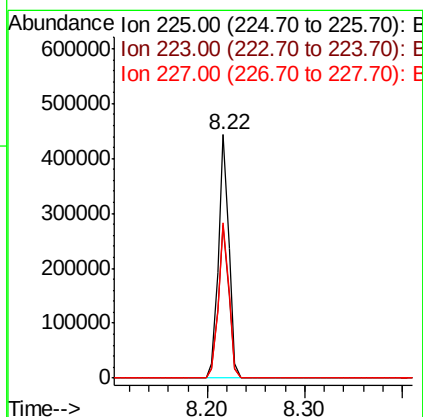
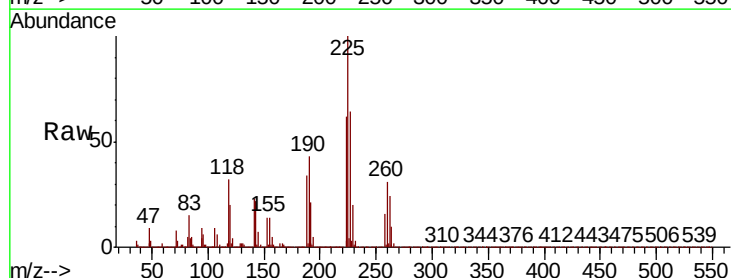
Manual Integrations
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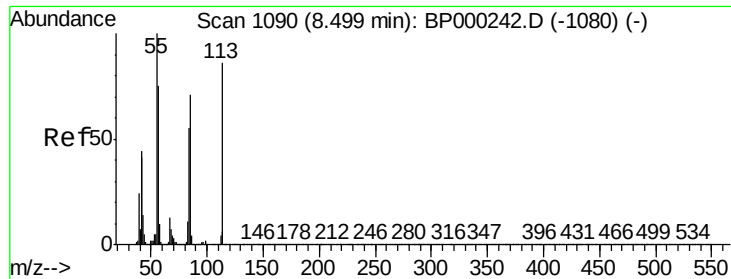
mohammad
9/30/2019 8:15:01 AM



#34
Hexachlorobutadiene
Concen: 38.976 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.2	75.2		
227	63.6	51.8	77.6		





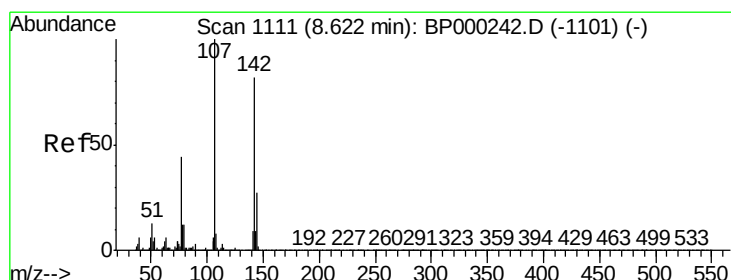
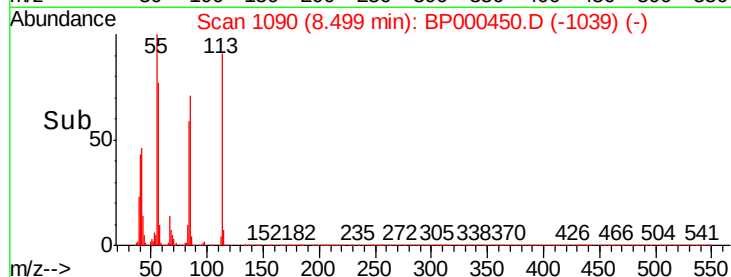
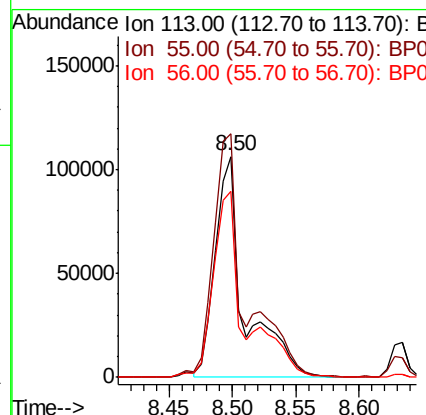
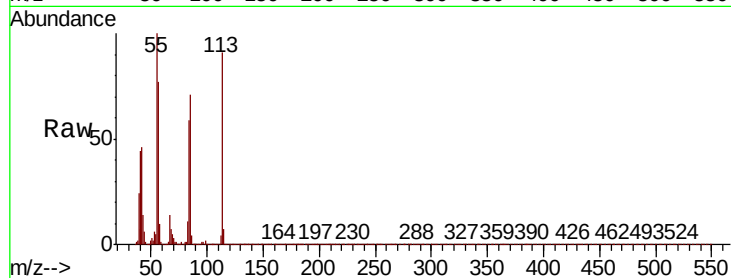
#35
Caprolactam
Concen: 39.892 ng/ml
RT: 8.50 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	169004		
55	110.3	96.8	136.8	
56	84.4	67.5	107.5	

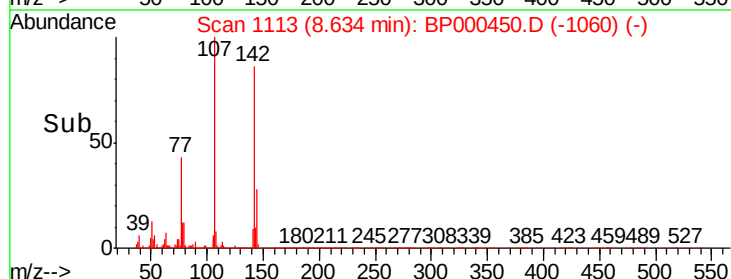
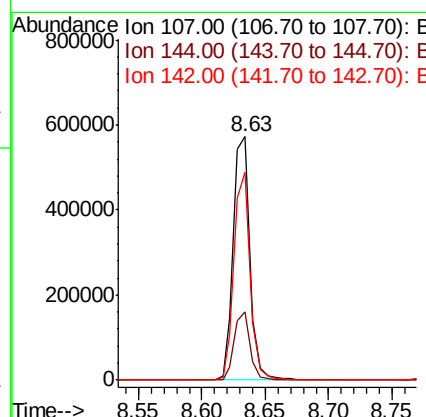
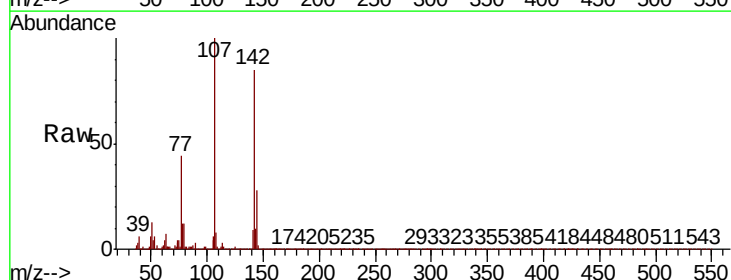
Manual Integrations
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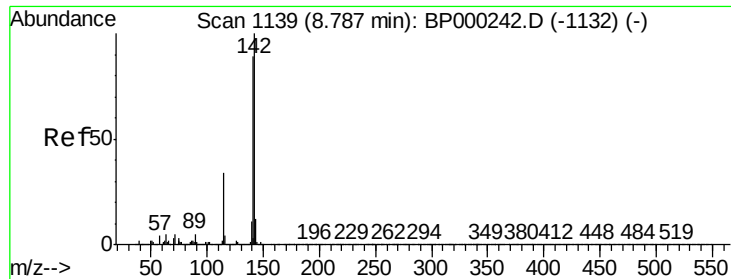
mohammad
9/30/2019 8:15:01 AM



#36
4-Chloro-3-methylphenol
Concen: 40.966 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	517918		
144	27.9	21.5	32.3	
142	85.5	65.7	98.5	





#37

2-Methylnaphthalene

Concen: 42.585 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_P

ClientSampleId :

PB123396BS

Tot Ion:142 Resp: 1152424

Ion Ratio Lower Upper

142 100

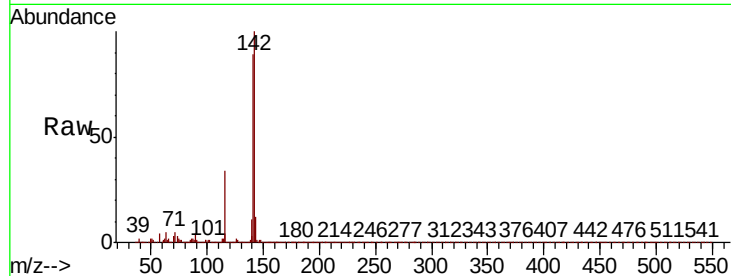
141 89.4 71.3 106.9

115 33.9 27.2 40.8

Manual Integrations
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mohammad

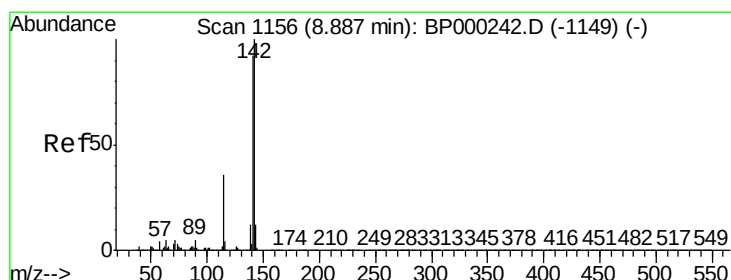
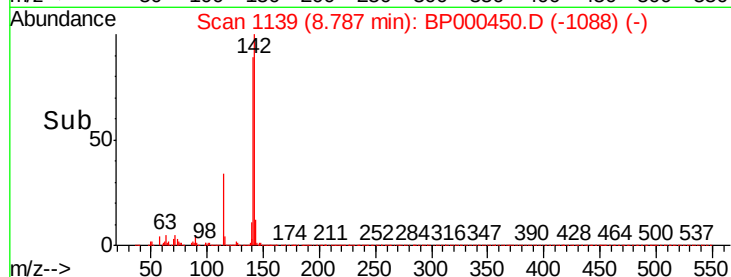
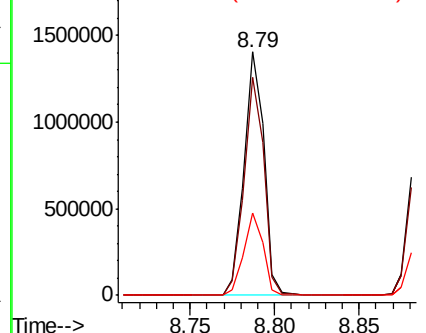
9/30/2019 8:15:01 AM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.430 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

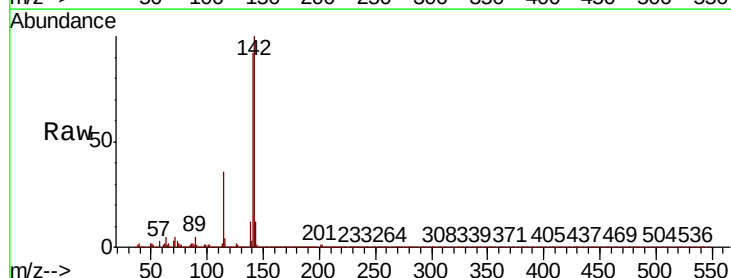
Tgt Ion:142 Resp: 1075587

Ion Ratio Lower Upper

142 100

141 92.0 73.9 110.9

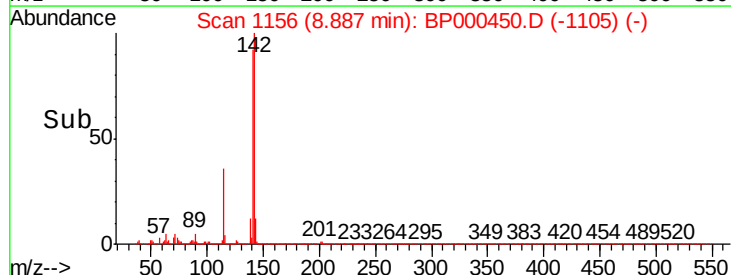
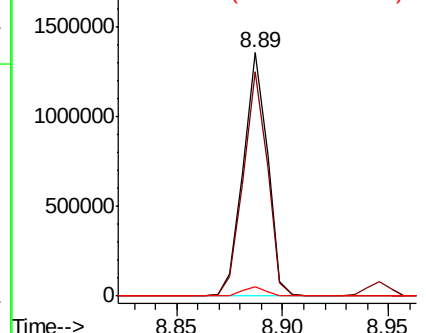
116 3.7 3.0 4.6

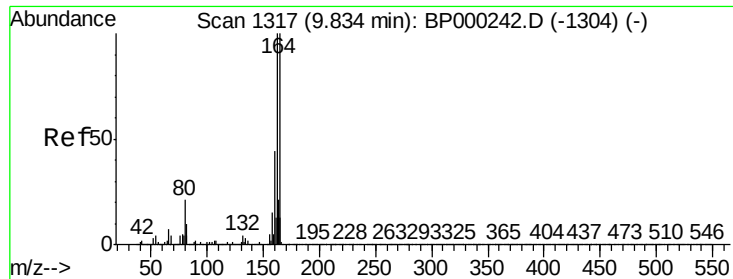


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





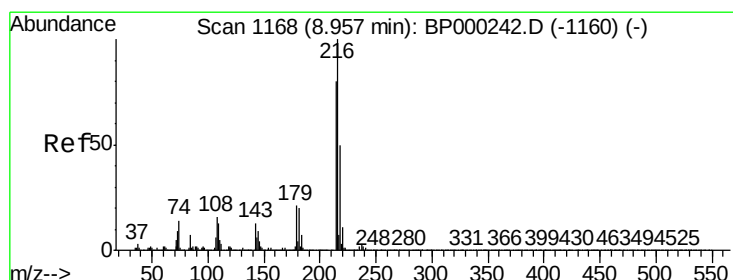
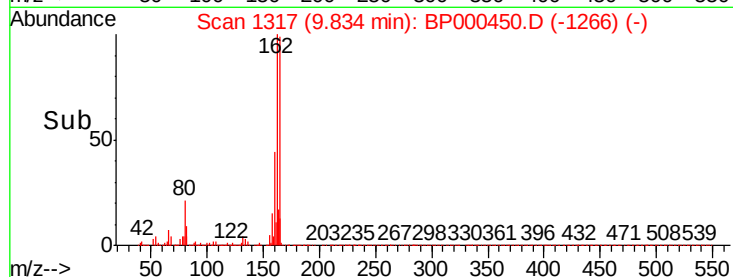
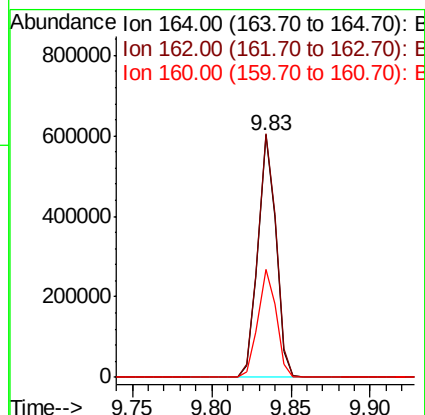
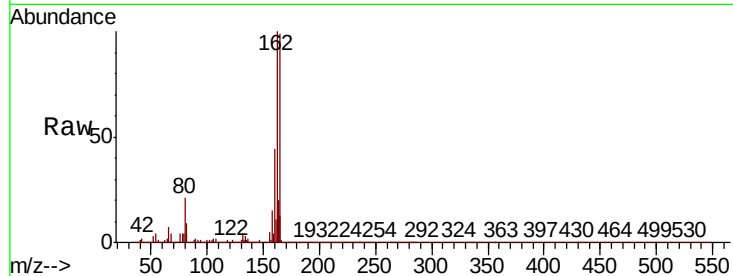
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	79.9	119.9
160	44.4	35.6	53.4

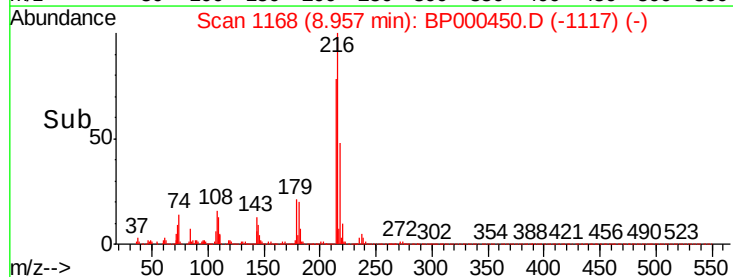
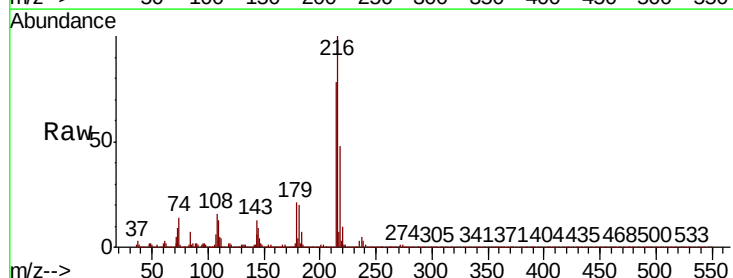
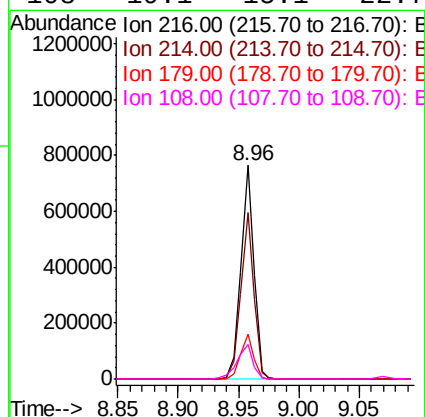
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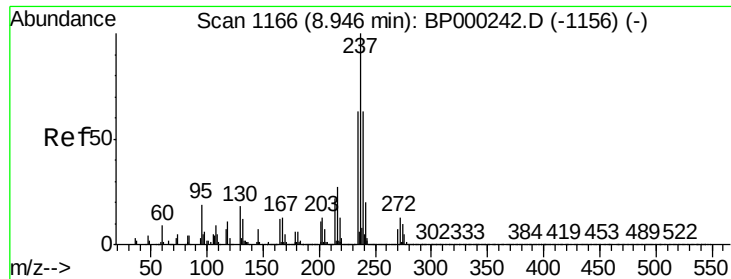
mohammad
9/30/2019 8:15:01 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.393 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.6	95.4
179	20.8	17.0	25.4
108	19.1	15.1	22.7





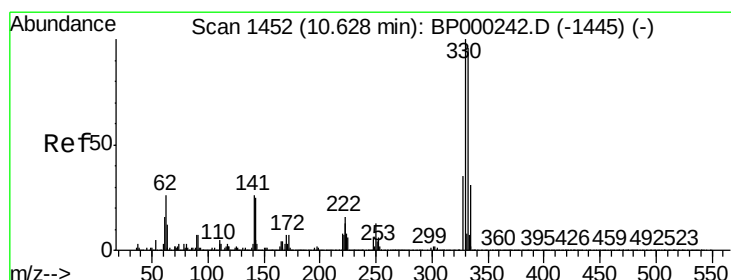
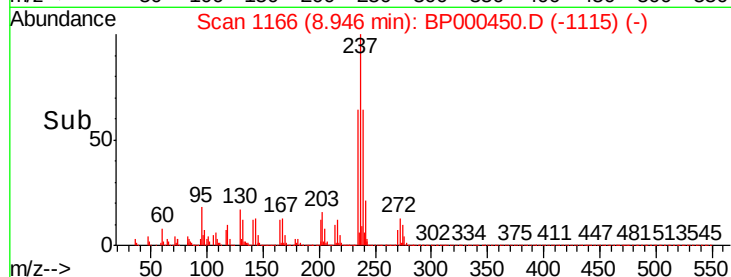
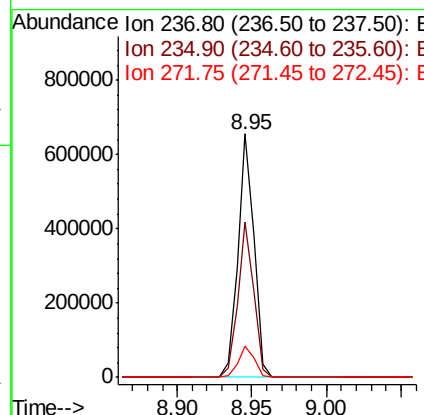
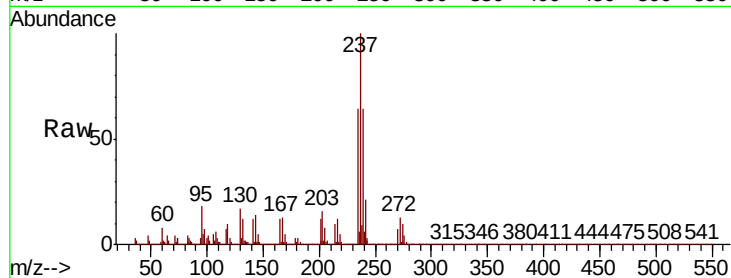
#41
Hexachlorocyclopentadiene
Concen: 63.393 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.0	43.5	83.5
272	13.0	0.0	33.0

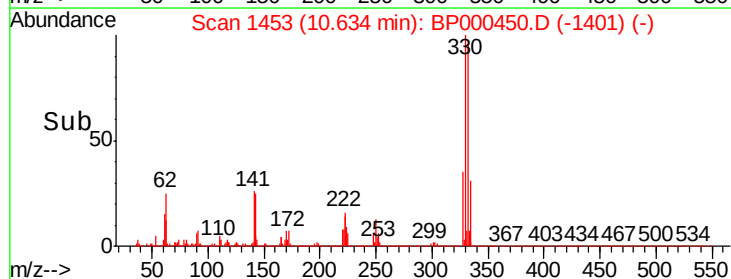
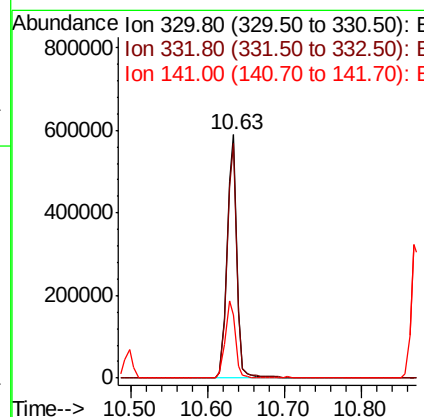
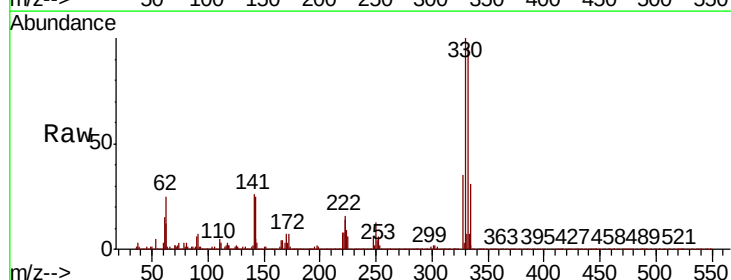
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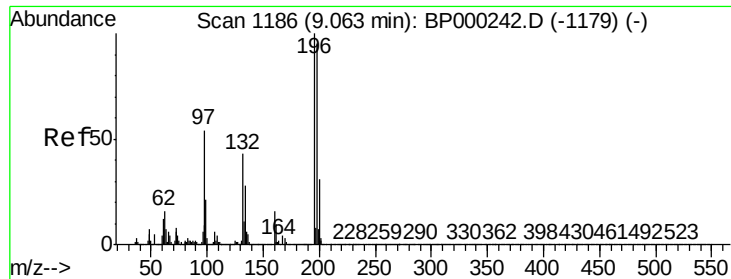
mohammad
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#42
2,4,6-Tribromophenol
Concen: 109.260 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.5	76.6	115.0
141	32.7	26.5	39.7





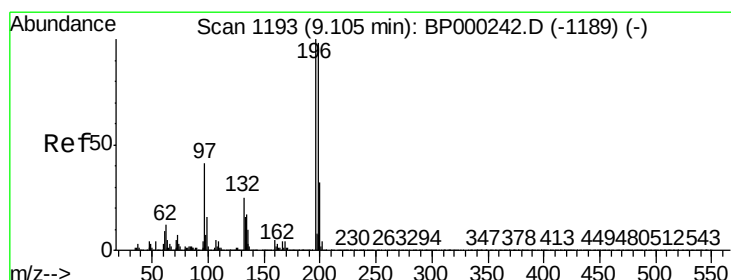
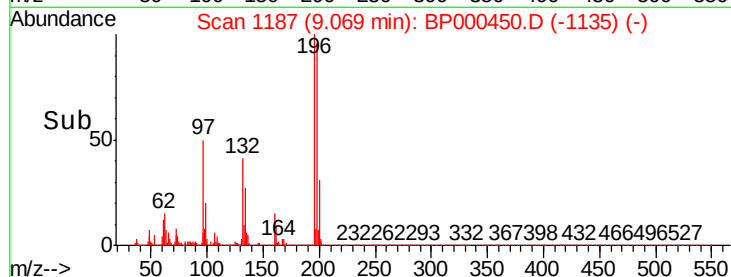
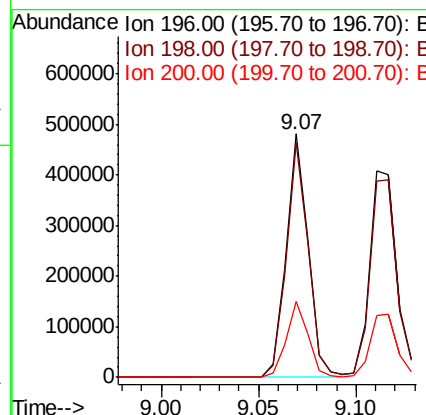
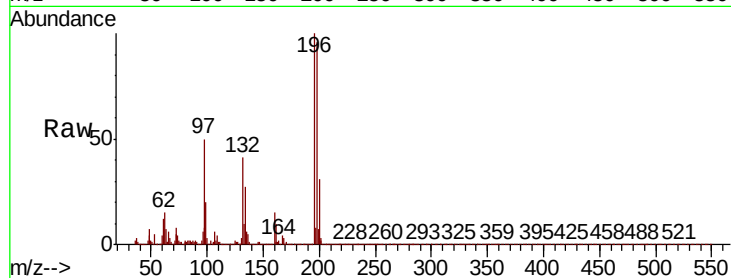
#43
 2,4,6-Trichlorophenol
 Concen: 39.514 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Instrument :
 BNA_P
 ClientSampleId :
 PB123396BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		372936		
198	96.4	76.0	114.0		
200	31.1	24.6	37.0		

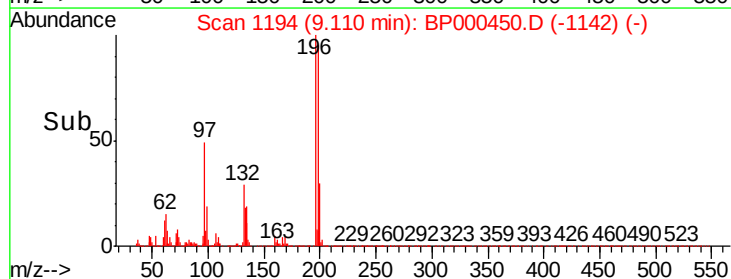
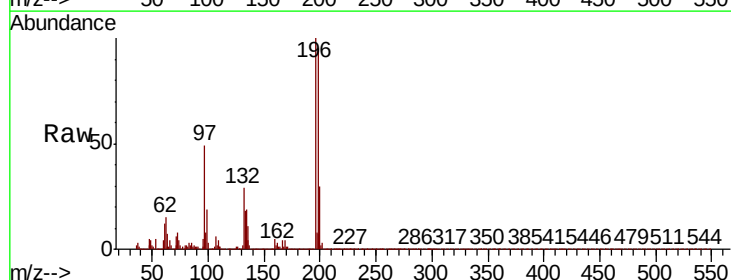
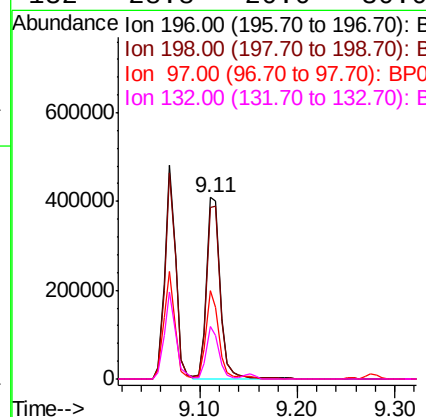
Manual Integrations
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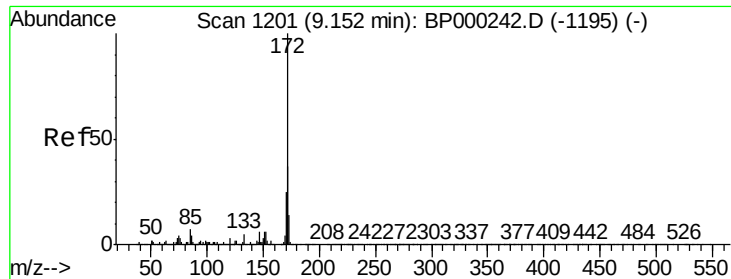
mohammad
 9/30/2019 8:15:01 AM



#44
 2,4,5-Trichlorophenol
 Concen: 41.692 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		402925		
198	94.6	78.1	117.1		
97	49.0	33.3	49.9		
132	28.8	20.0	30.0		





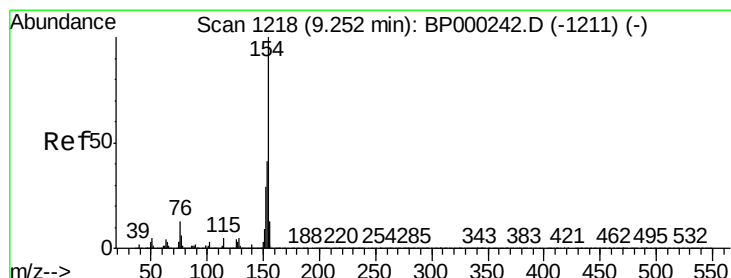
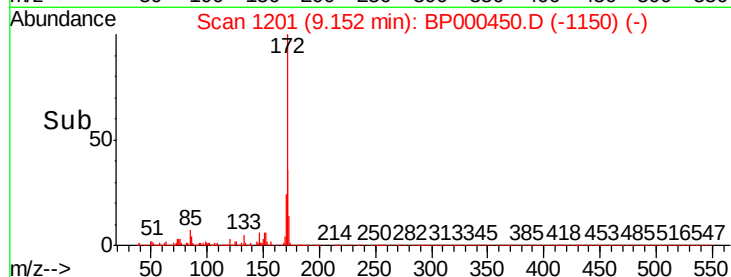
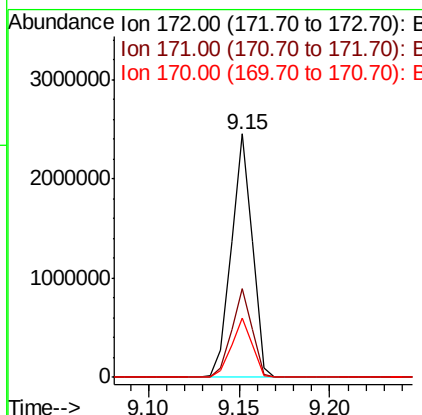
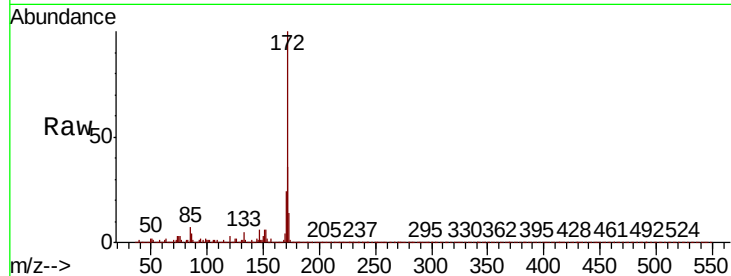
#45
2-Fluorobiphenyl
Concen: 74.552 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.2	19.8	29.6

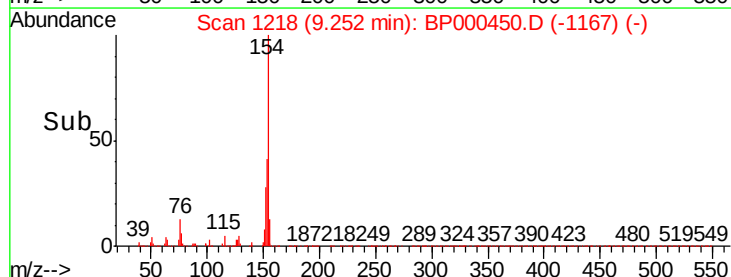
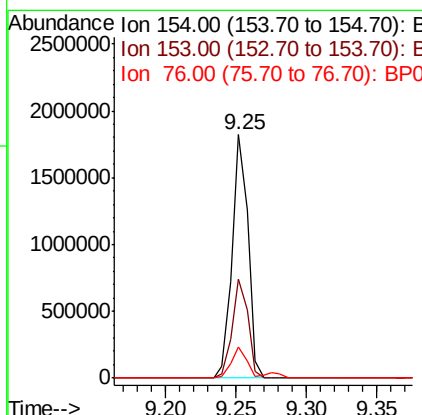
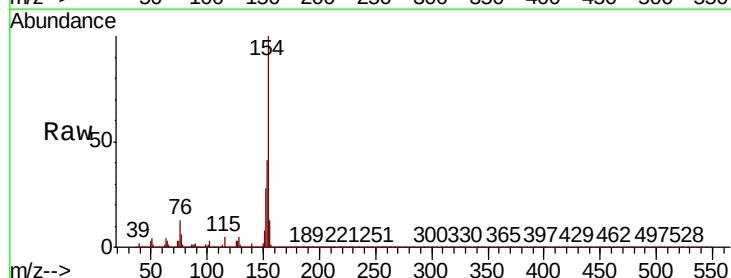
Manual Integrations
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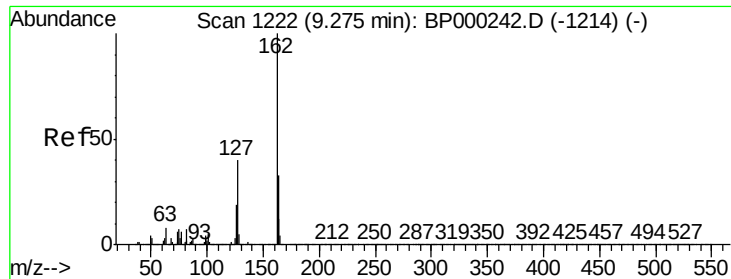
mohammad
9/30/2019 8:15:01 AM



#46
1,1'-Biphenyl
Concen: 43.151 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.4	61.4
76	12.6	0.0	33.4





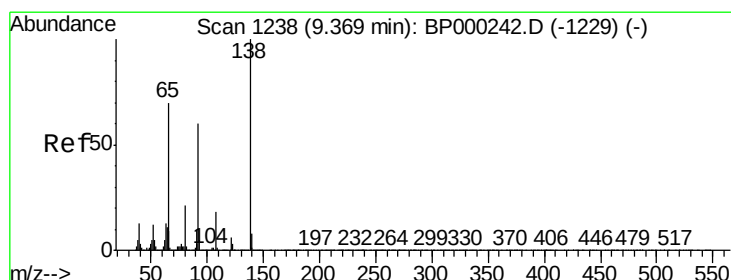
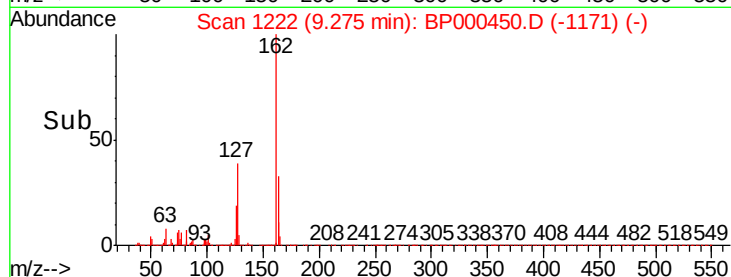
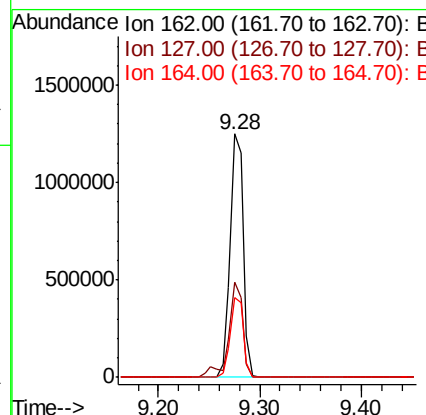
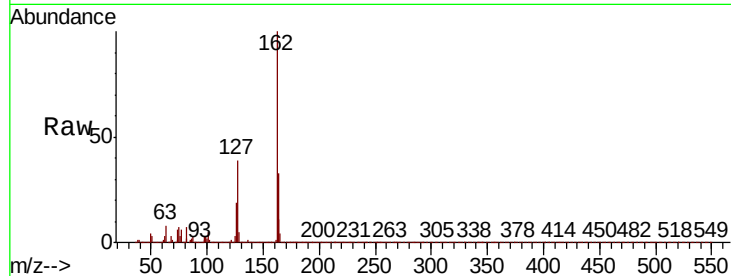
#47
2-Chloronaphthalene
Concen: 40.296 ng
RT: 9.28 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	32.4	48.6
164	33.0	26.3	39.5

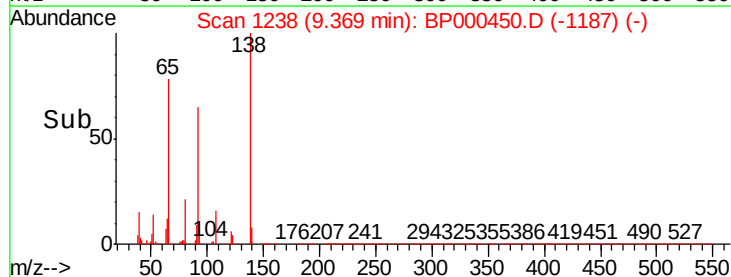
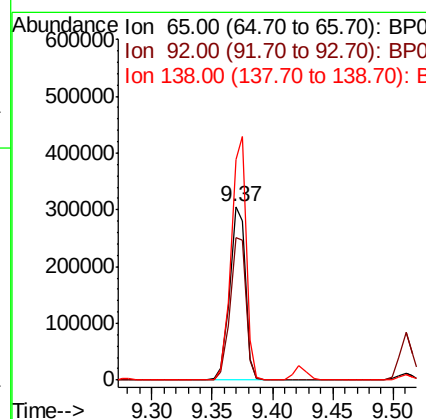
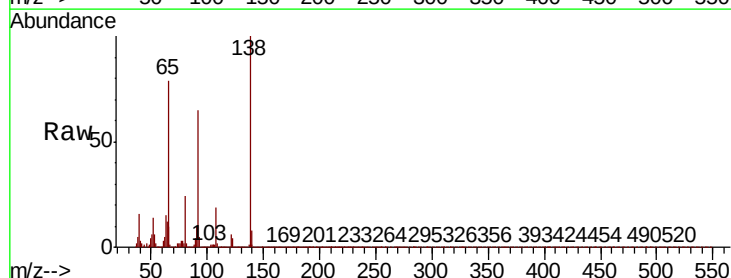
Manual Integrations
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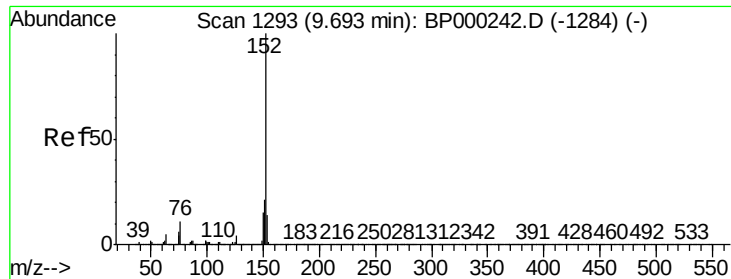
mohammad
9/30/2019 8:15:01 AM



#48
2-Nitroaniline
Concen: 39.147 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
65	100		
92	82.1	68.7	103.1
138	127.1	114.4	171.6





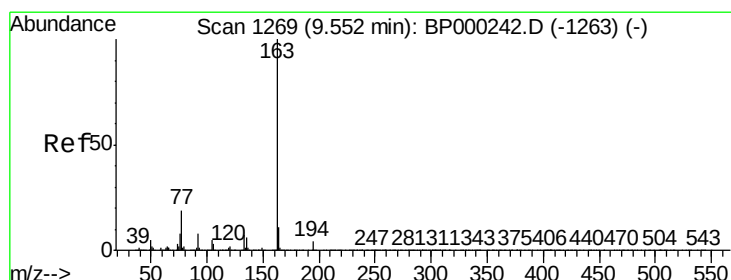
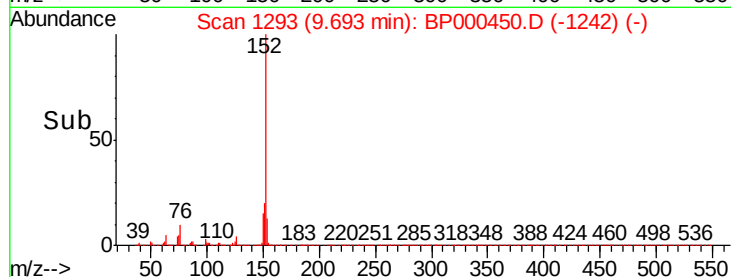
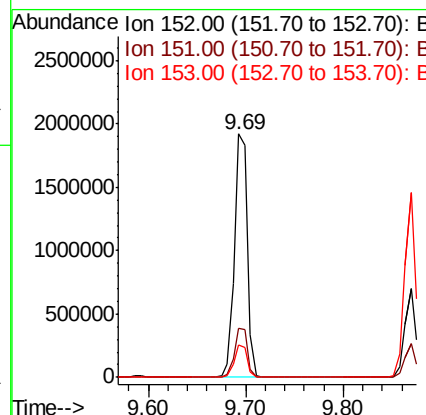
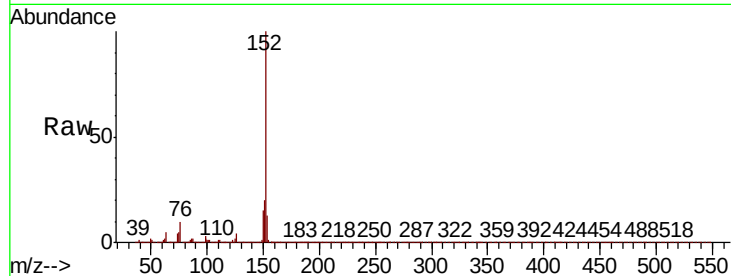
#49
Acenaphthylene
Concen: 42.290 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion:	152	Resp:	1759863
Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6
153	13.4	11.0	16.4

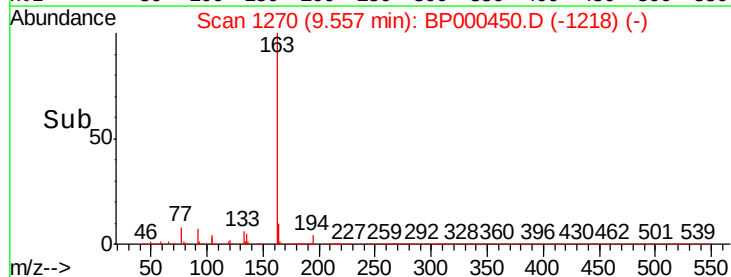
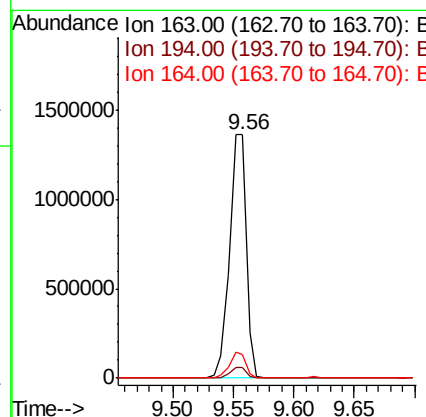
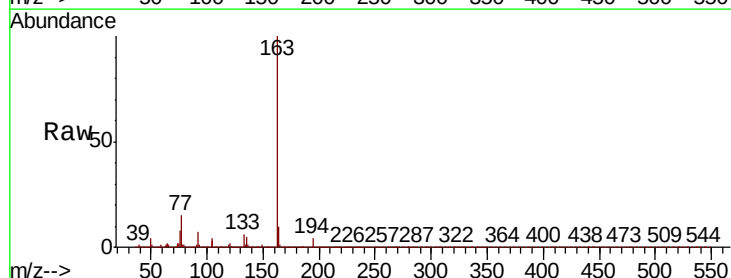
Manual Integrations
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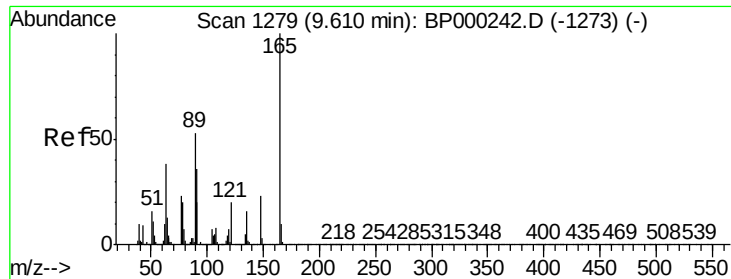
mohammad
9/30/2019 8:15:01 AM



#50
Dimethylphthalate
Concen: 40.337 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion:	163	Resp:	1311058
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	9.9	8.5	12.7





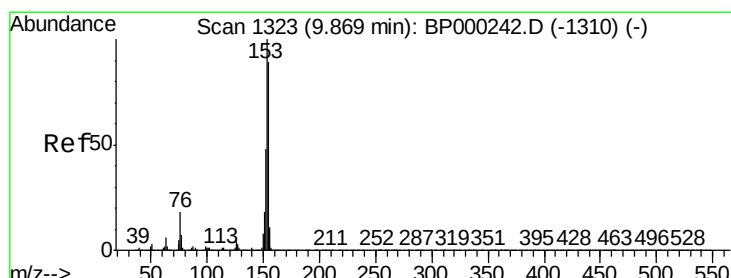
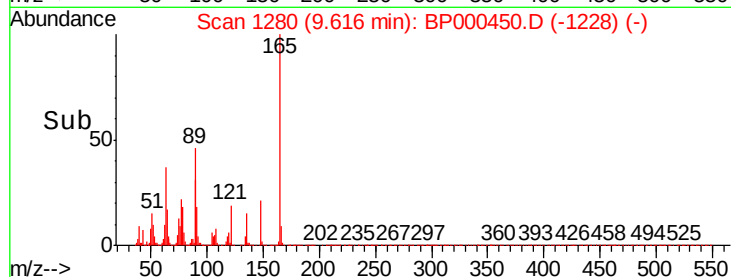
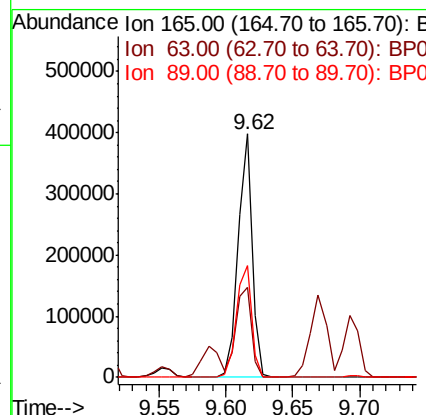
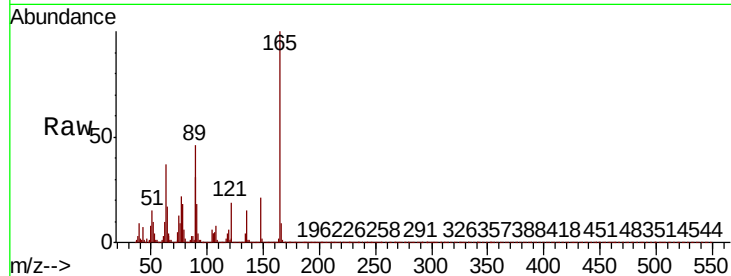
#51
 2,6-Dinitrotoluene
 Concen: 41.593 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. 0.01 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Instrument :
 BNA_P
 ClientSampled :
 PB123396BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	37.1	35.8	53.8
89	46.2	42.6	63.8

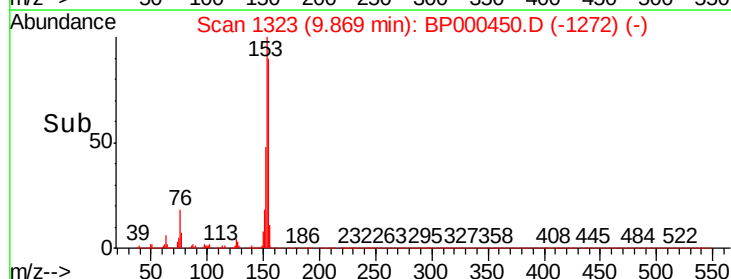
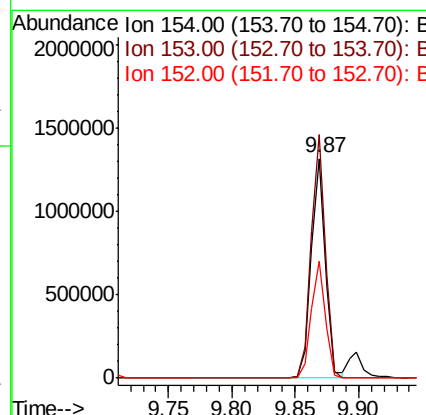
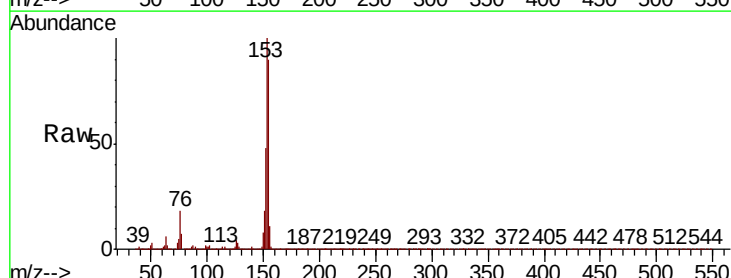
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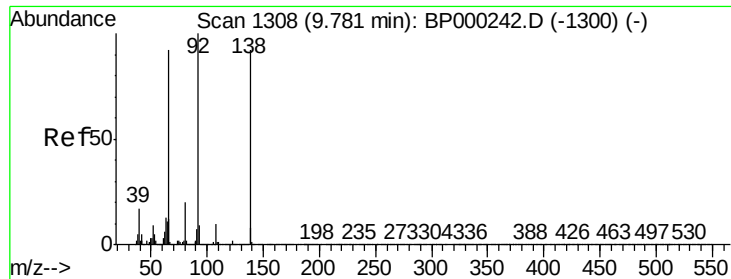
mohammad
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#52
 Acenaphthene
 Concen: 39.025 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	89.8	134.6
152	53.4	43.4	65.0





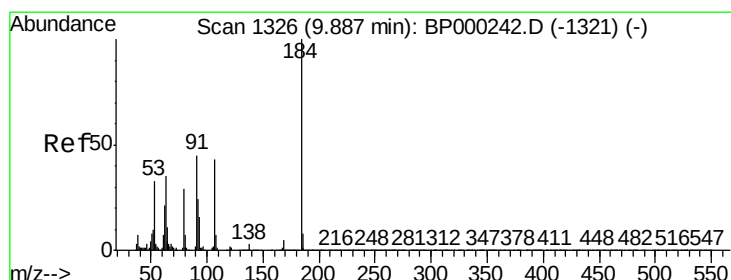
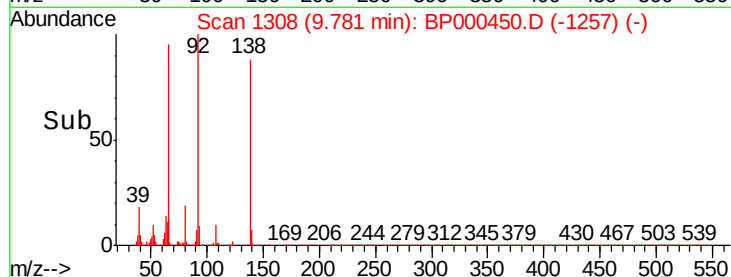
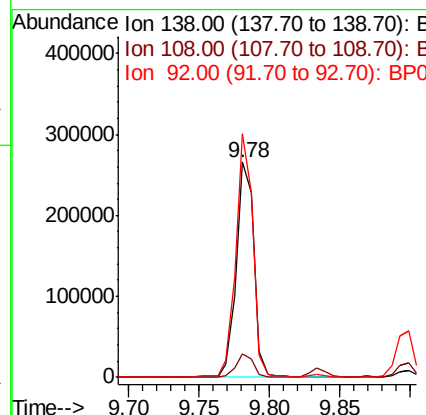
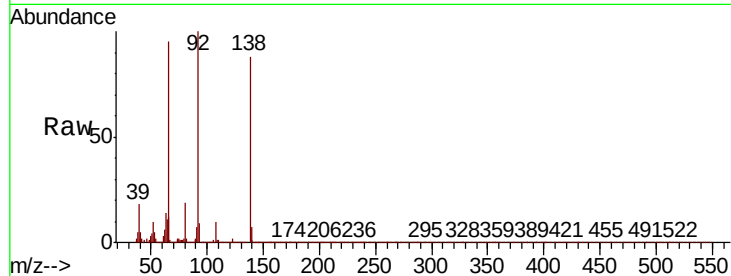
#53
3-Nitroaniline
Concen: 27.732 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.1	13.7
92	113.3	86.7	130.1

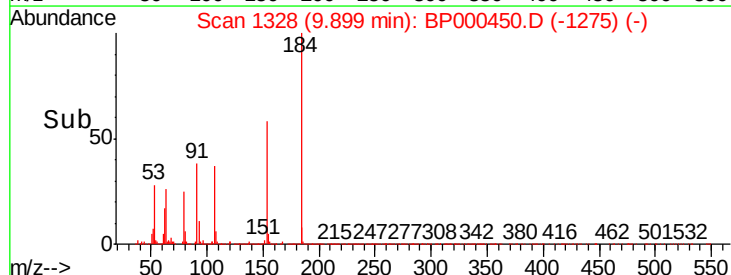
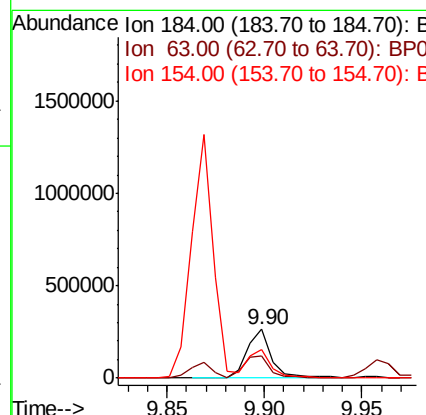
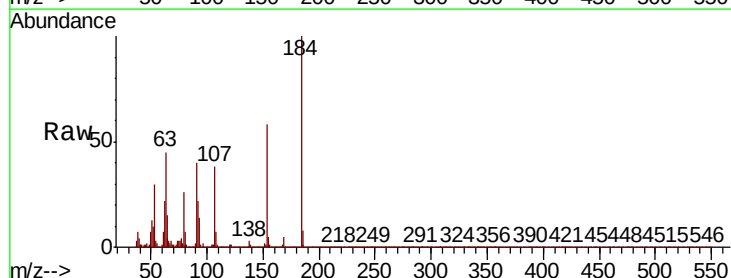
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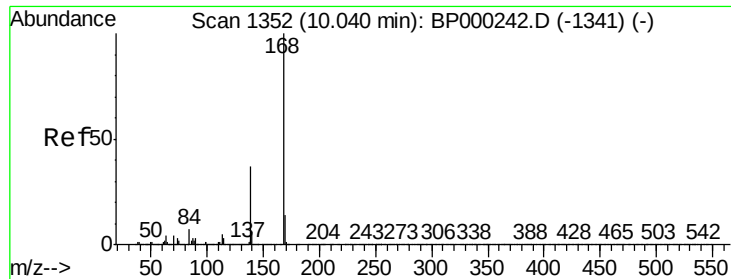
mohammad
9/30/2019 8:15:01 AM



#54
2,4-Dinitrophenol
Concen: 72.139 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	44.9	39.5	59.3
154	58.4	48.8	73.2





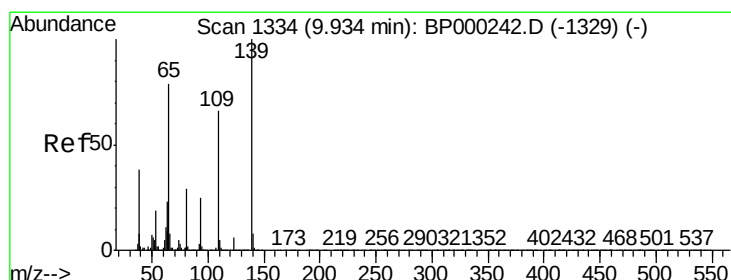
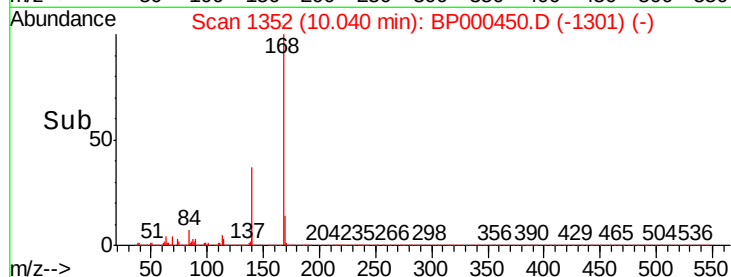
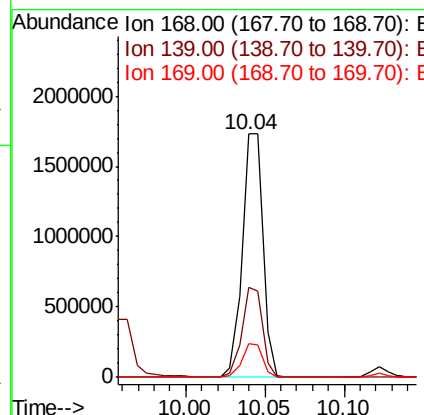
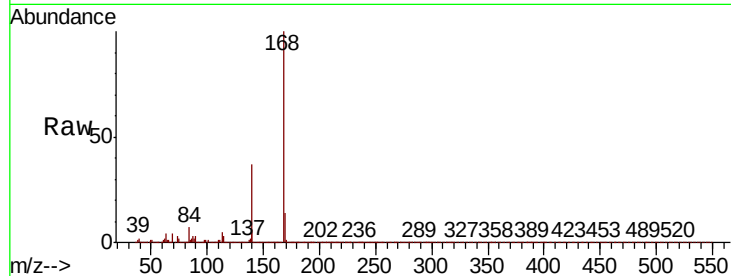
#55
Dibenzofuran
Concen: 42.246 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.0	45.0
169	13.9	11.0	16.6

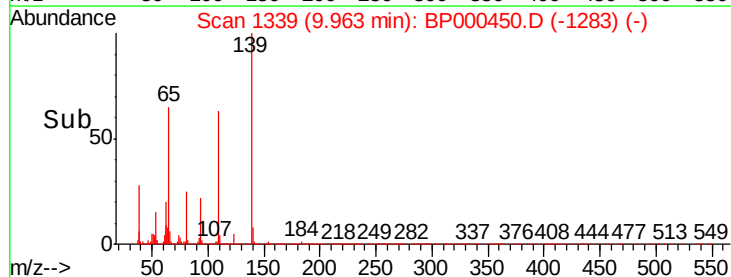
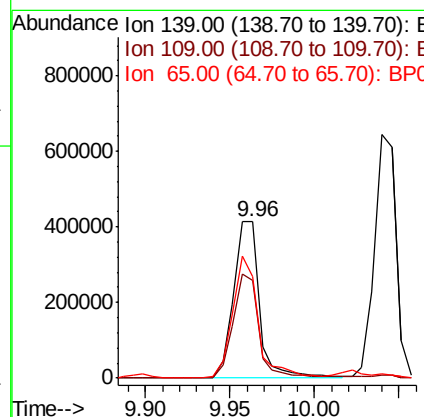
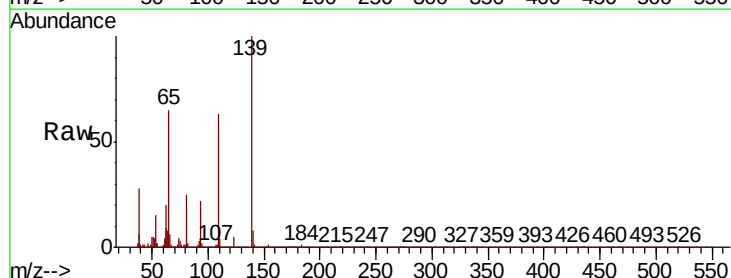
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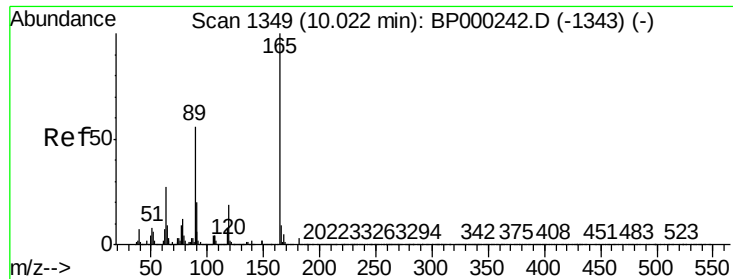
mohammad
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#56
4-Nitrophenol
Concen: 71.601 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.5	46.2	86.2
65	64.8	59.4	99.4





#57

2,4-Dinitrotoluene

Concen: 42.321 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_P

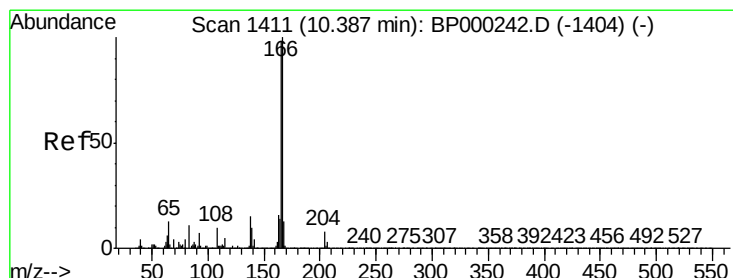
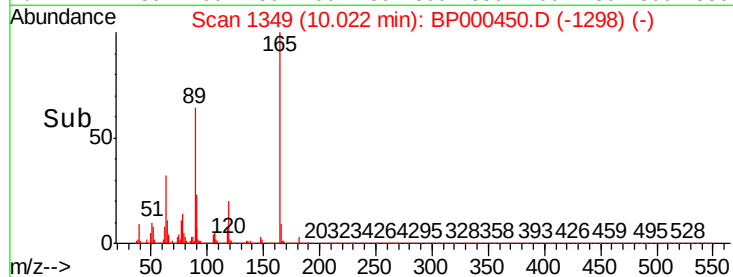
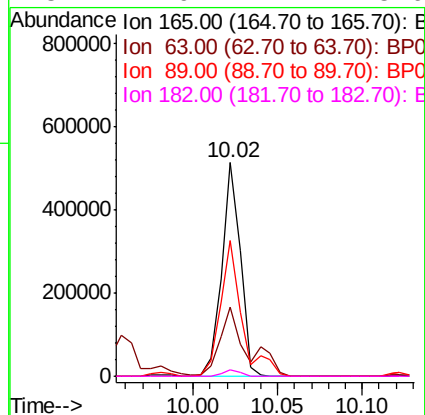
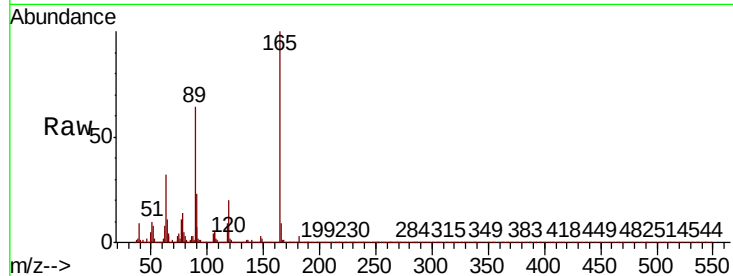
ClientSampleId :

PB123396BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	395388		
63	32.4	21.7	32.5	
89	63.8	45.0	67.6	
182	2.9	2.4	3.6	

Manual Integrations
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#58

Fluorene

Concen: 42.030 ng

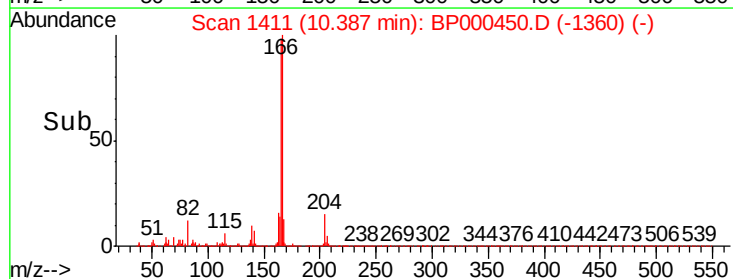
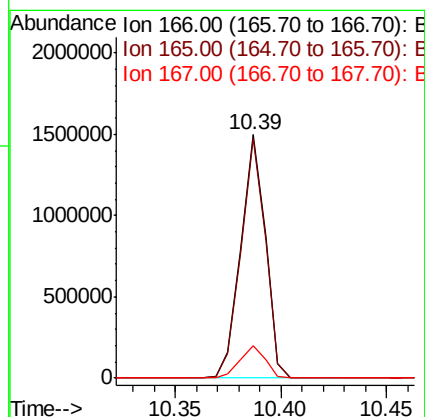
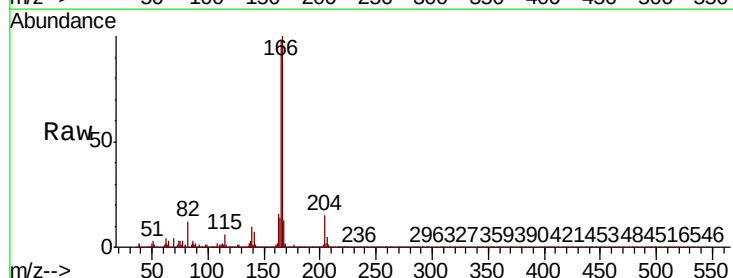
RT: 10.39 min Scan# 1411

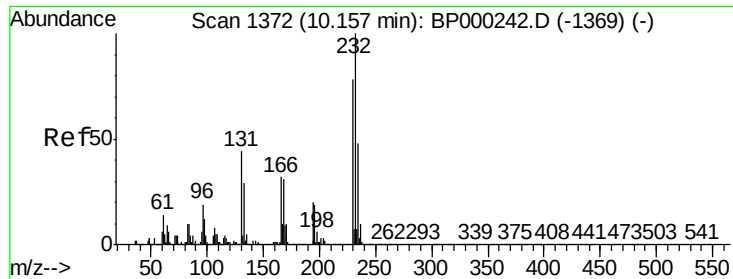
Delta R.T. -0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1205166		
165	98.3	78.2	117.2	
167	13.4	10.7	16.1	





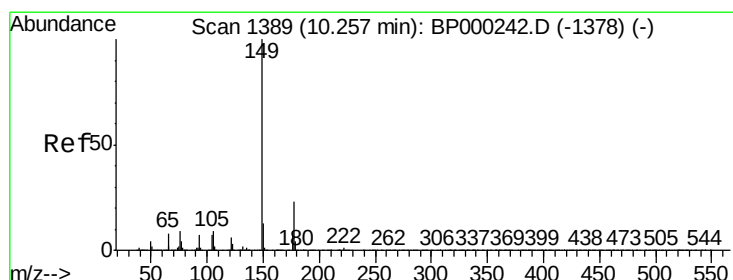
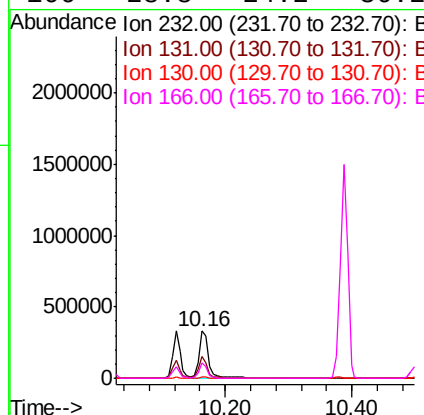
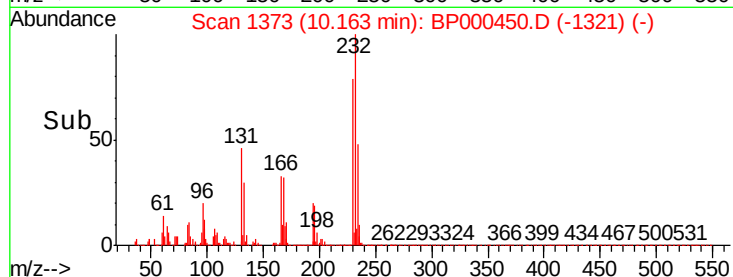
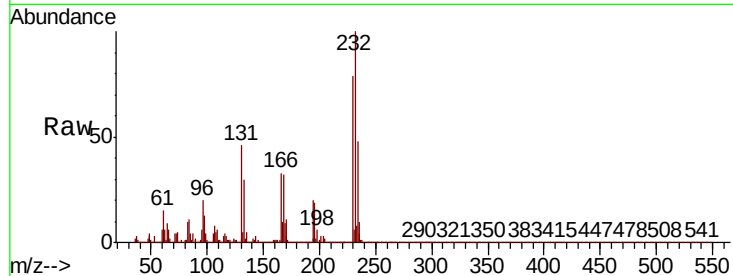
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.269 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		336139		
131	40.1	33.6	50.4		
130	2.2	1.8	2.6		
166	28.8	24.2	36.2		

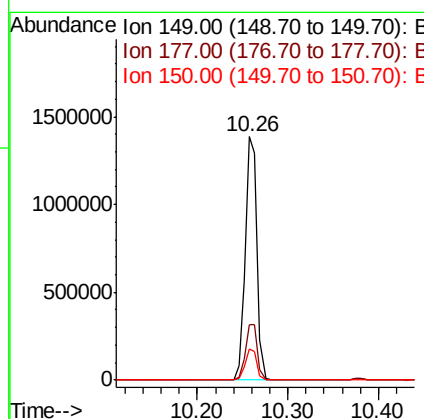
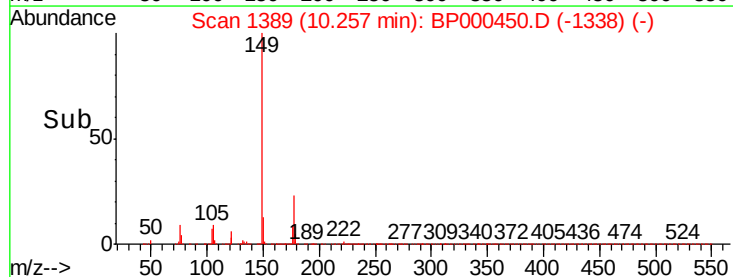
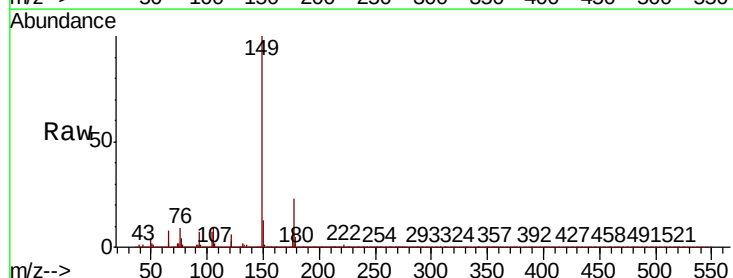
Manual Integrations
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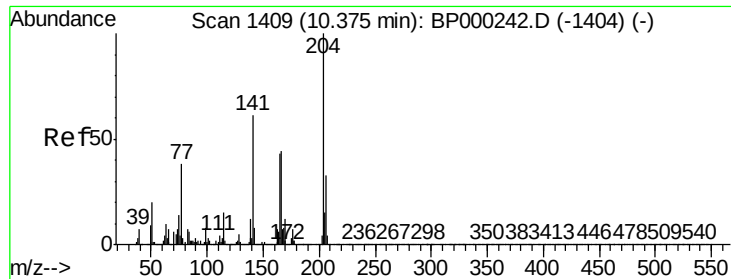
mohammad
9/30/2019 8:15:01 AM



#60
Diethylphthalate
Concen: 40.423 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1263874		
177	22.7	18.1	27.1		
150	12.9	10.3	15.5		





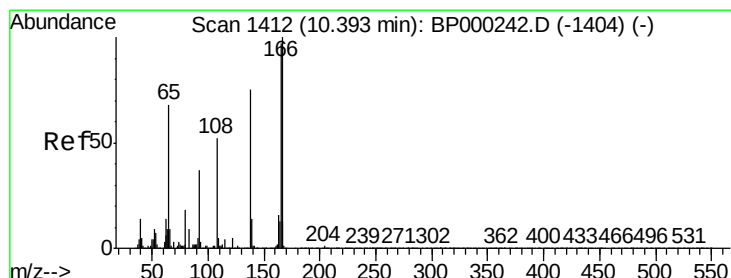
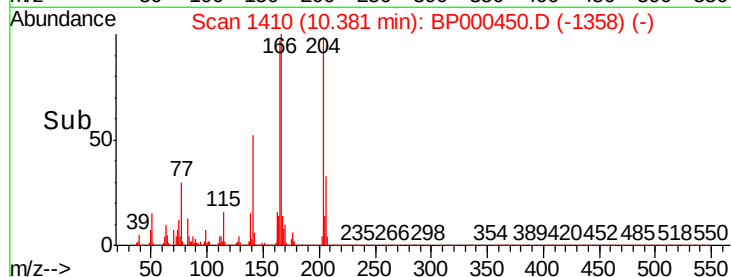
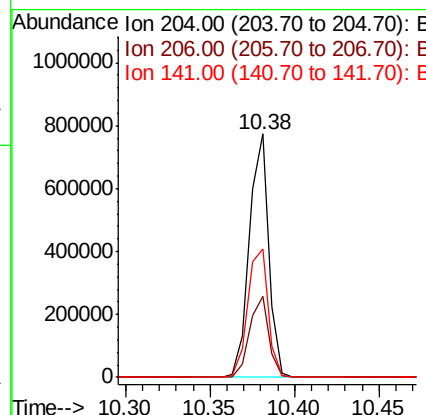
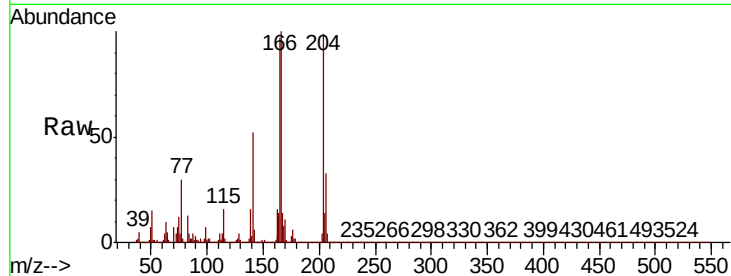
#61
4-Chlorophenyl-phenylether
Concen: 42.007 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampled :
PB123396BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.3	39.5
141	52.9	48.6	72.8

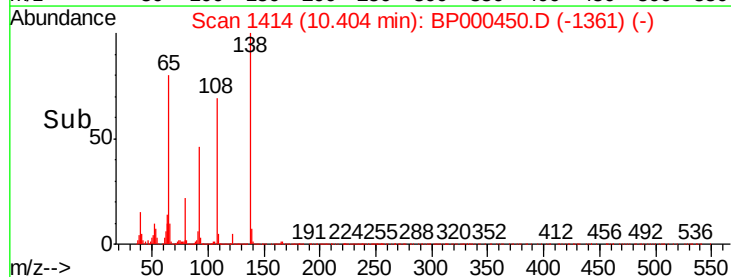
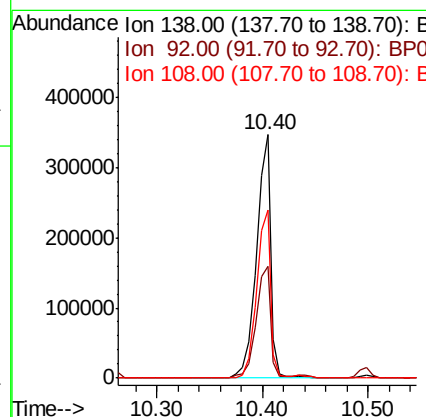
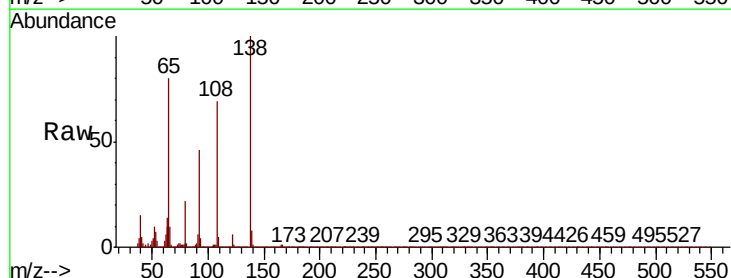
Manual Integrations
APPROVED

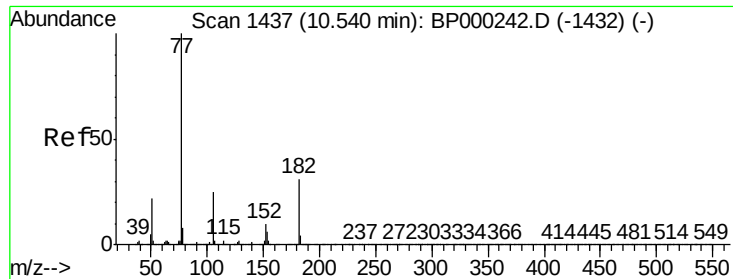
mohammad
9/30/2019 8:15:01 AM



#62
4-Nitroaniline
Concen: 40.286 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.1	30.1	70.1
108	69.0	49.5	89.5





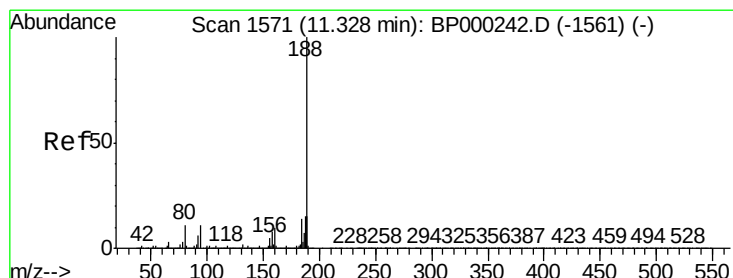
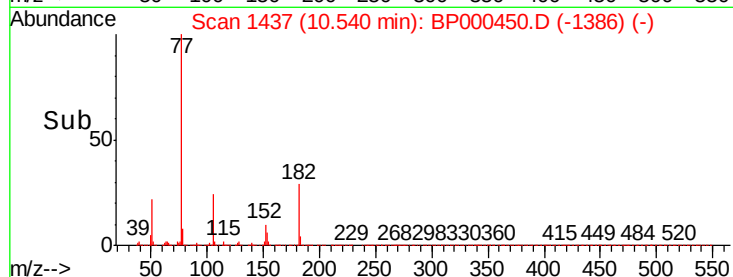
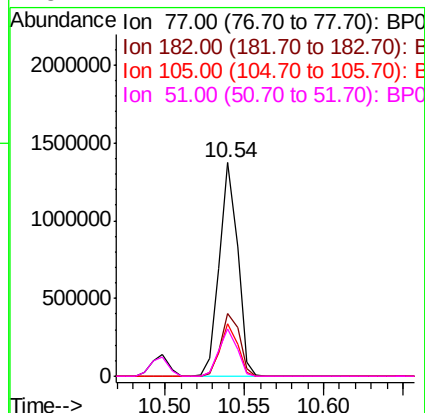
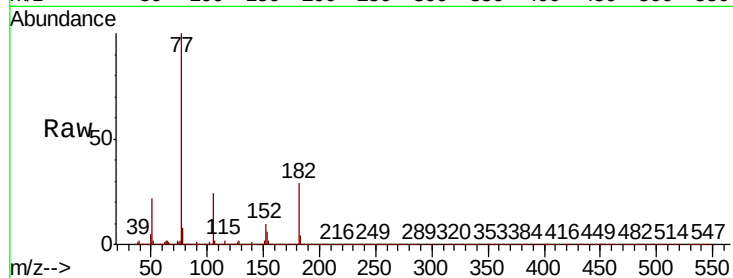
#63
Azobenzene
Concen: 41.445 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	29.2	11.1	51.1	
105	24.4	4.7	44.7	
51	22.4	2.2	42.2	

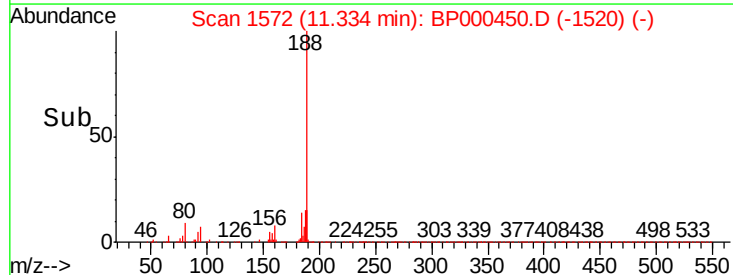
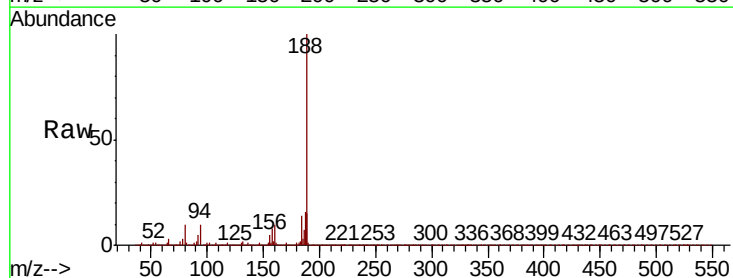
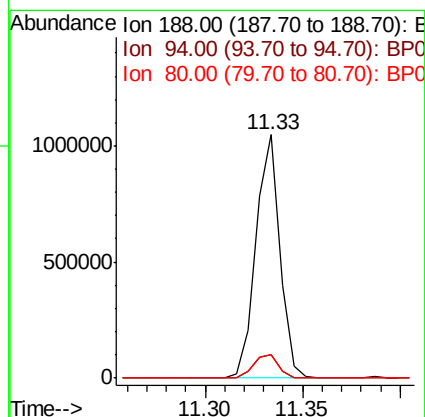
Manual Integrations
APPROVED

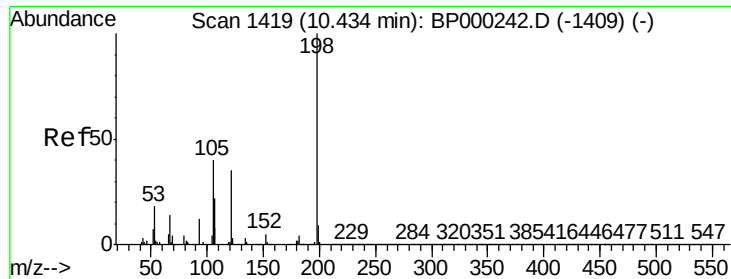
mohammad
9/30/2019 8:15:01 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.7	8.5	12.7	
80	9.6	8.6	13.0	





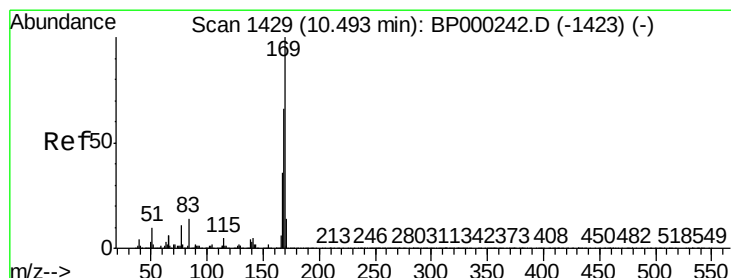
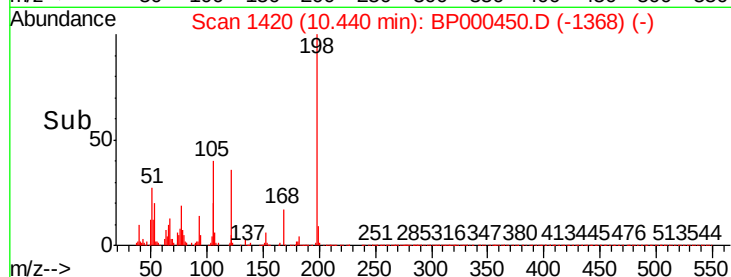
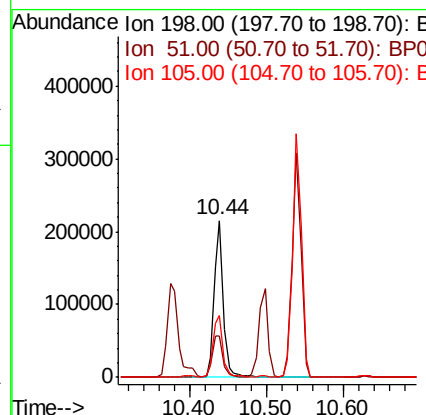
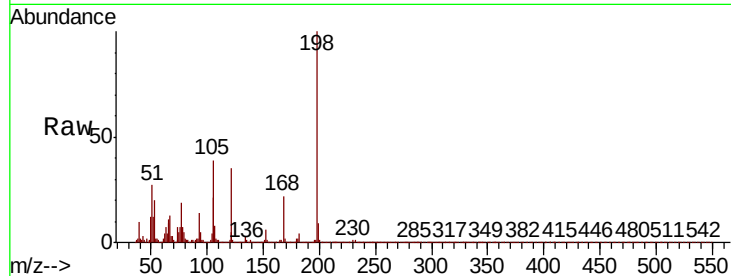
#65
4,6-Dinitro-2-methylphenol
Concen: 42.174 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	175721		
51	26.7		7.4	47.4
105	39.2		20.2	60.2

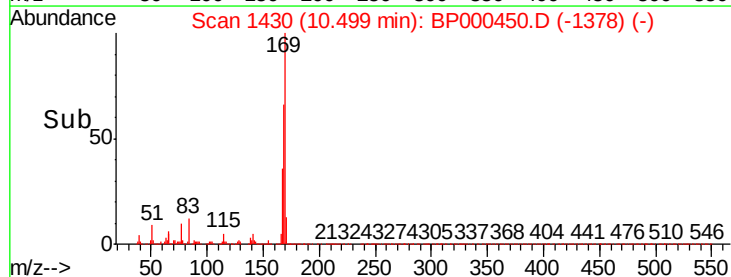
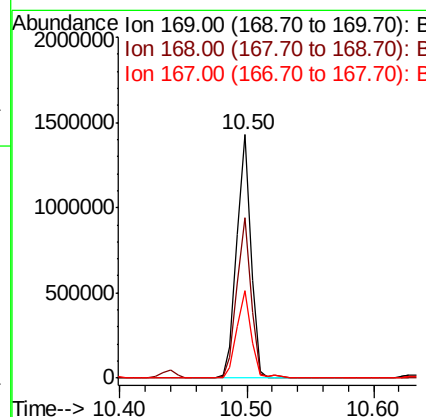
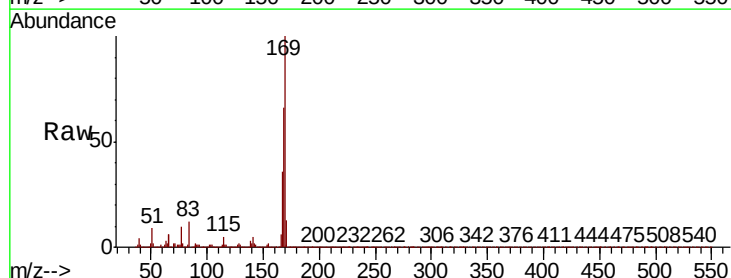
Manual Integrations
APPROVED

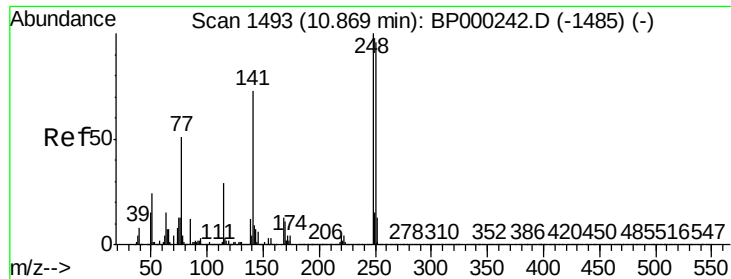
mohammad
9/30/2019 8:15:01 AM



#66
n-Nitrosodiphenylamine
Concen: 40.872 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1090267		
168	65.8		52.9	79.3
167	35.8		29.0	43.6





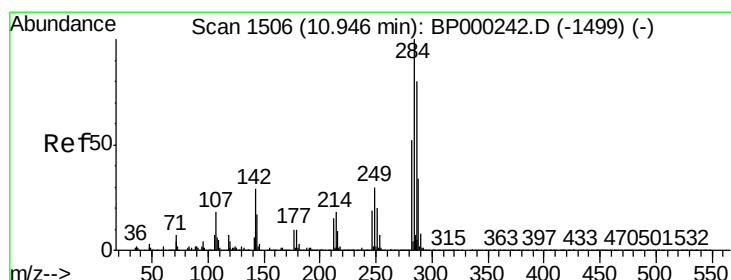
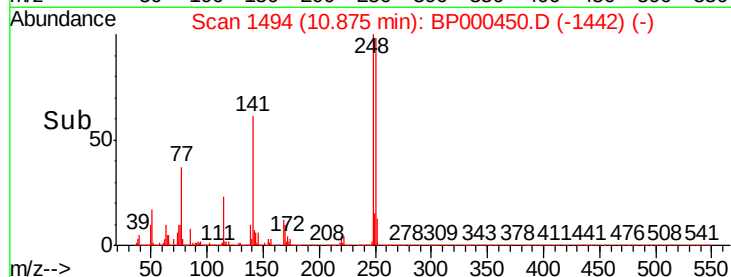
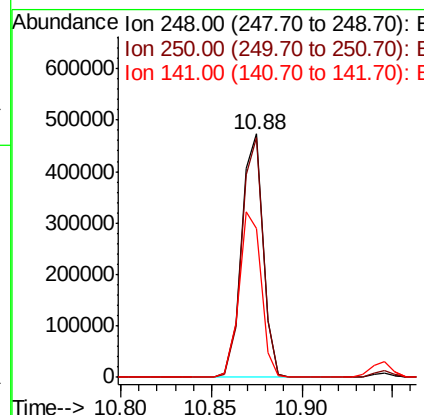
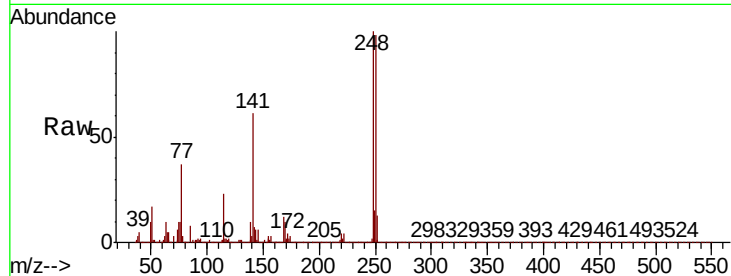
#67
4-Bromophenyl-phenylether
Concen: 39.051 ng
RT: 10.88 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.0	115.4
141	61.0	58.5	87.7

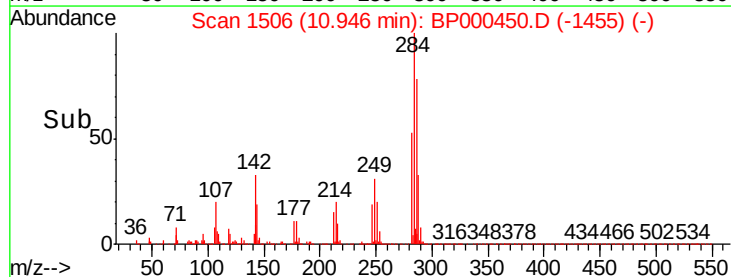
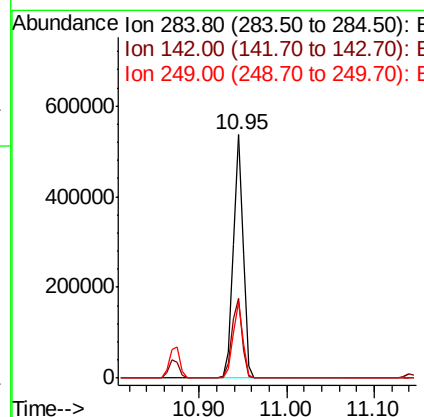
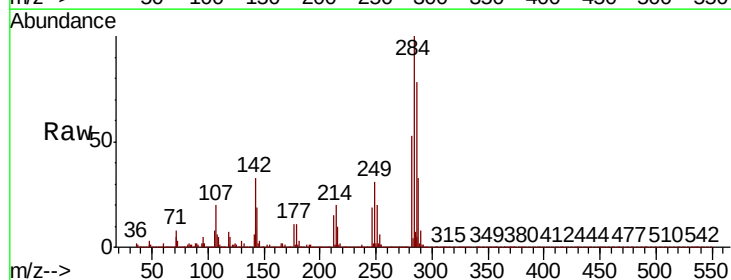
Manual Integrations
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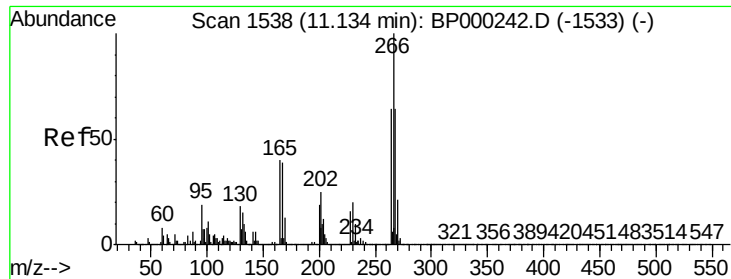
mohammad
9/30/2019 8:15:01 AM



#68
Hexachlorobenzene
Concen: 38.483 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.8	23.6	35.4
249	31.2	24.3	36.5





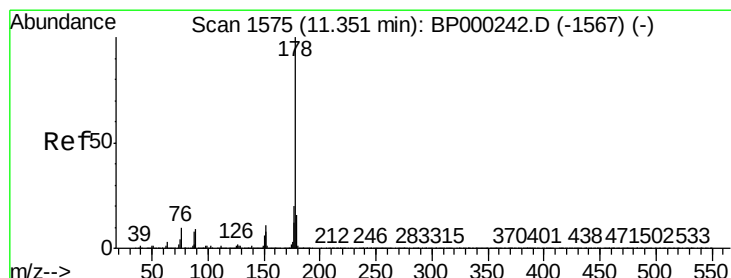
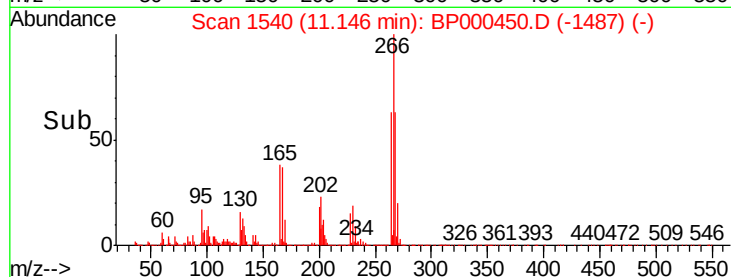
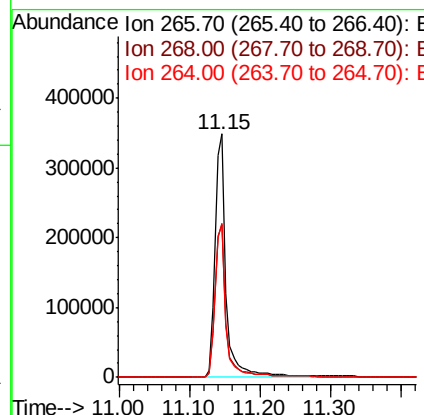
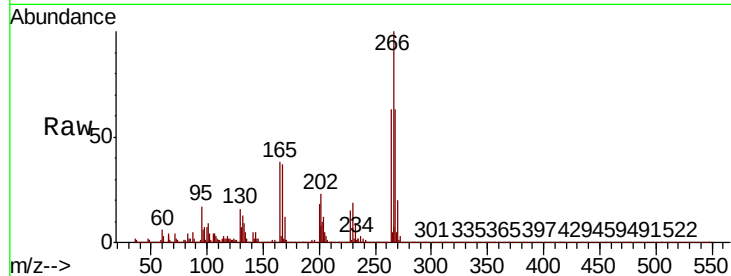
#70
 Pentachlorophenol
 Concen: 64.213 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Instrument :
 BNA_P
 ClientSampleId :
 PB123396BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	383109		
268	63.0		51.6	77.4
264	63.4		50.8	76.2

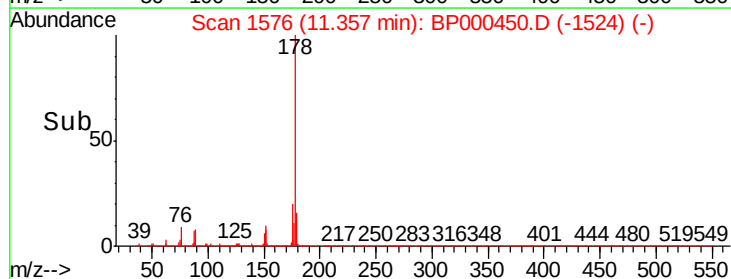
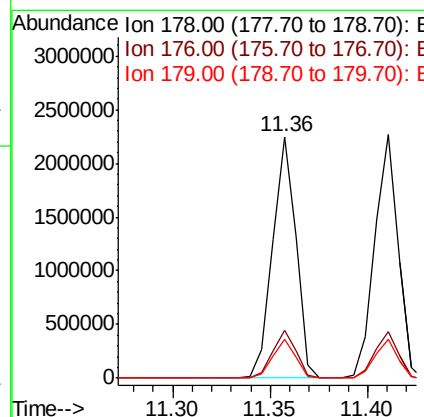
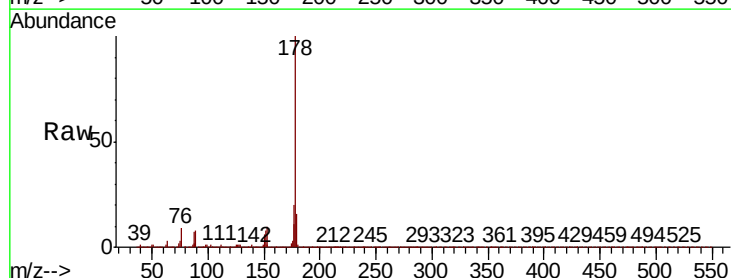
Manual Integrations
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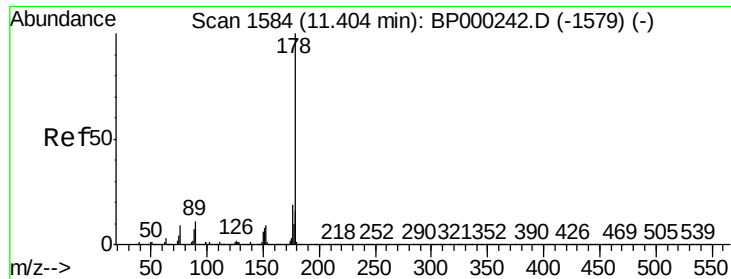
mohammad
 9/30/2019 8:15:01 AM



#71
 Phenanthrene
 Concen: 41.985 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1864337		
176	19.7		15.8	23.8
179	15.9		12.7	19.1





#72

Anthracene

Concen: 41.458 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_P

ClientSampleId :

PB123396BS

Tot Ion:178 Resp: 1894910

Ion Ratio Lower Upper

178 100

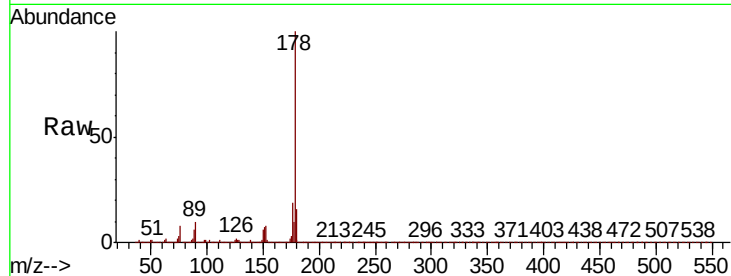
176 19.2 15.4 23.0

179 15.9 12.7 19.1

Manual Integrations
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mohammad

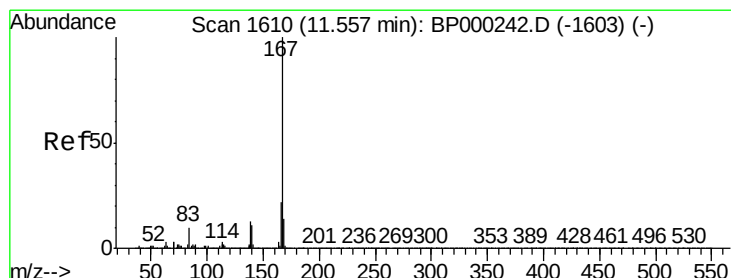
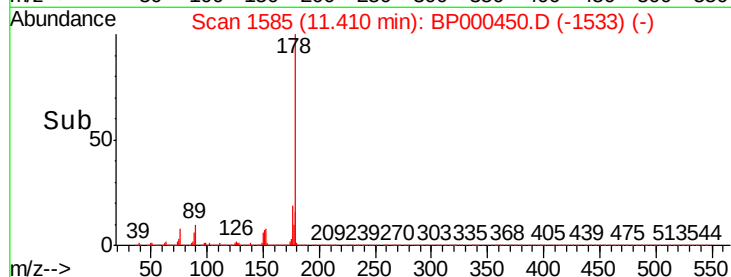
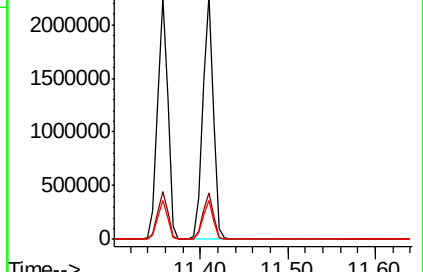
9/30/2019 8:15:01 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 43.017 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Tgt Ion:167 Resp: 1770690

Ion Ratio Lower Upper

167 100

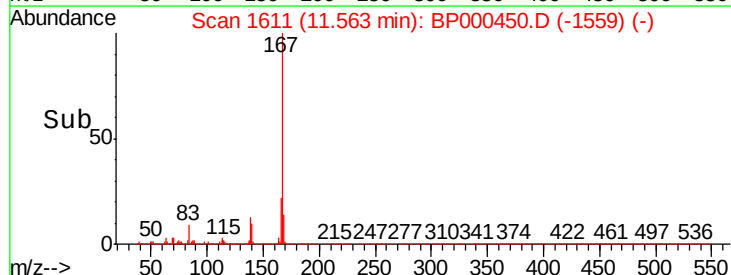
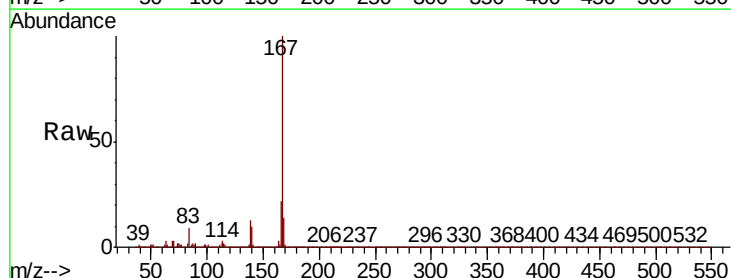
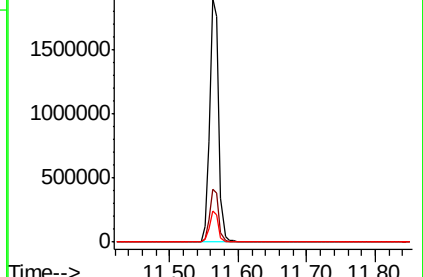
166 21.6 17.8 26.8

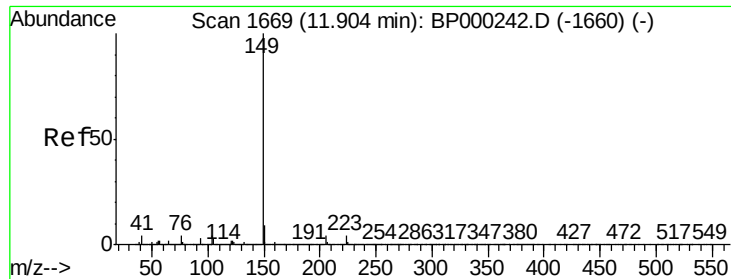
139 13.0 10.8 16.2

Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





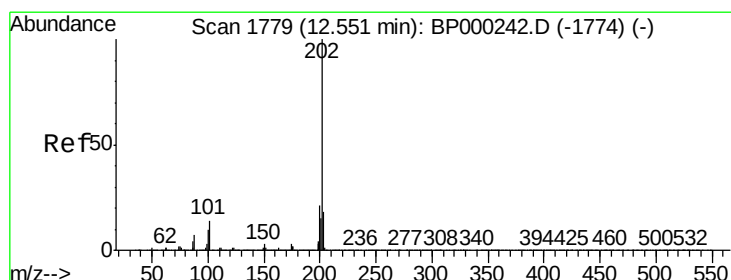
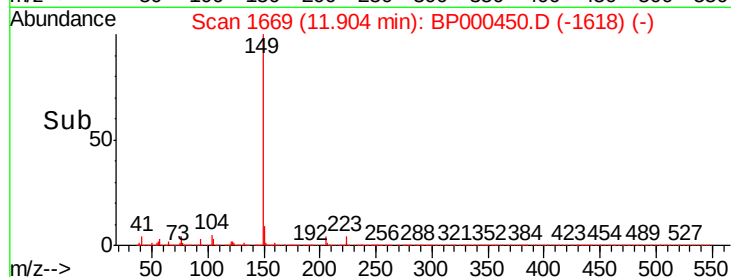
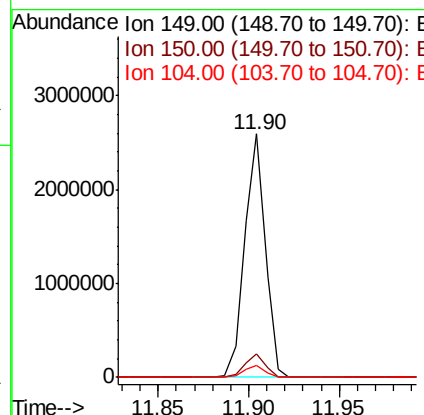
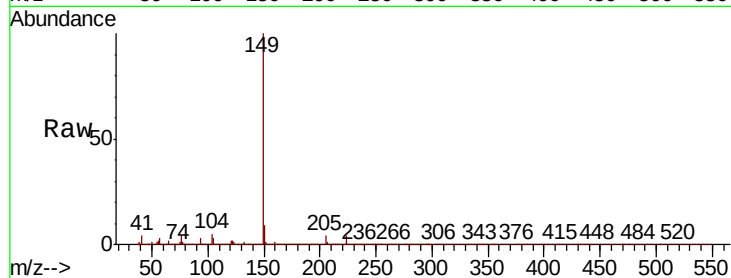
#74
Di-n-butylphthalate
Concen: 39.147 ng
RT: 11.90 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.6	3.5	5.3

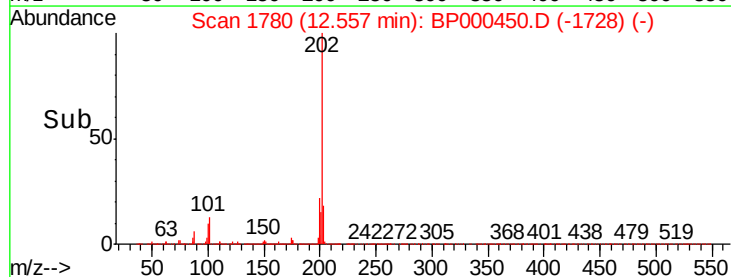
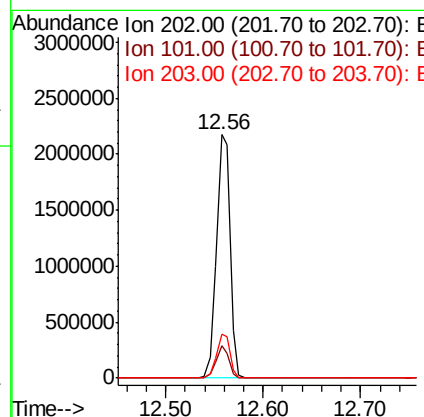
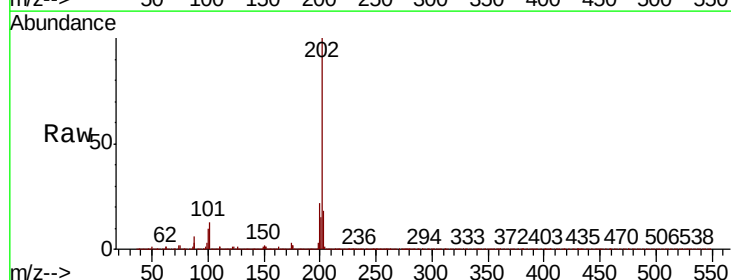
Manual Integrations
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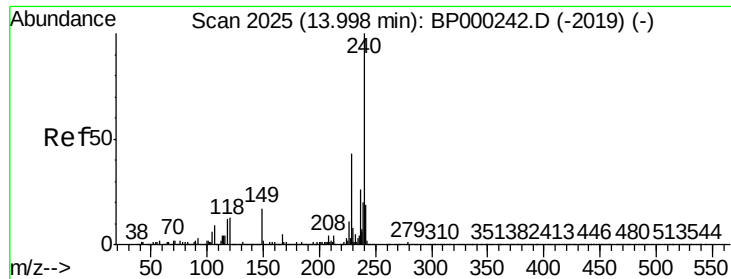
mohammad
9/30/2019 8:15:01 AM



#75
Fluoranthene
Concen: 43.958 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.9
203	18.1	0.0	38.0





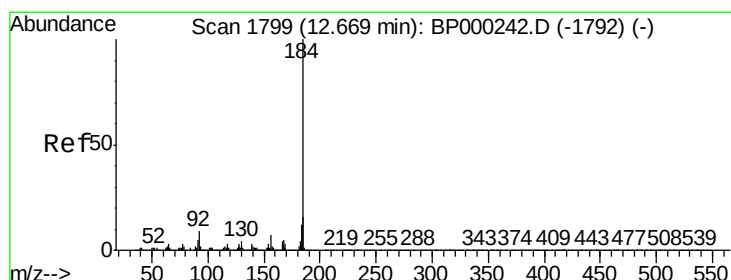
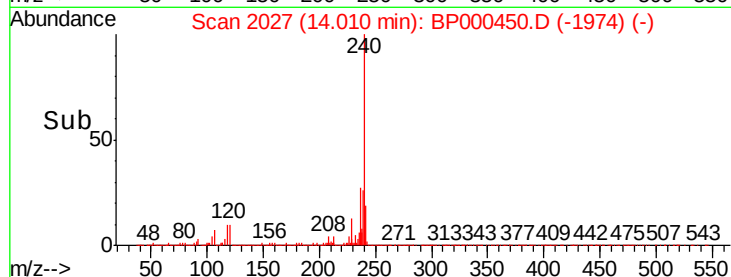
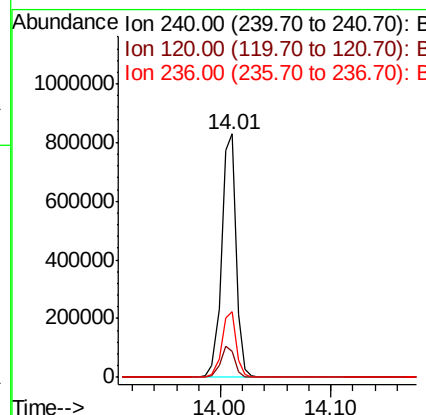
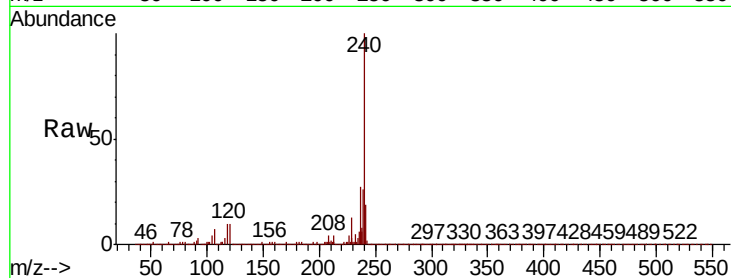
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampled :
PB123396BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.4	15.6
236	26.7	21.0	31.6

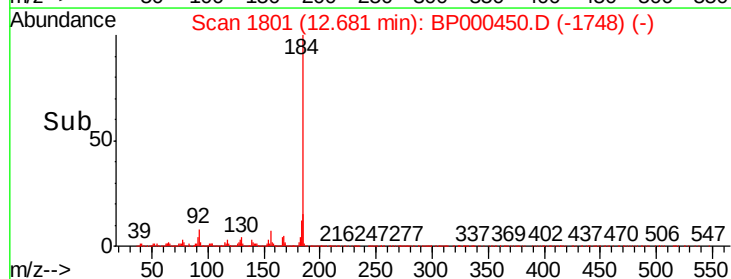
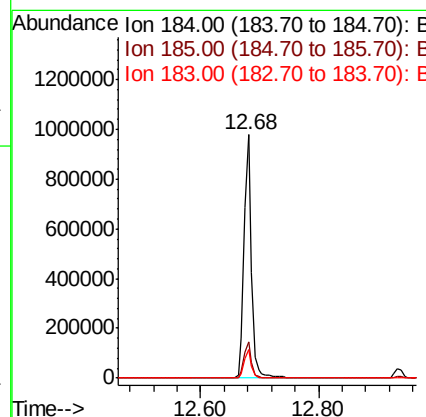
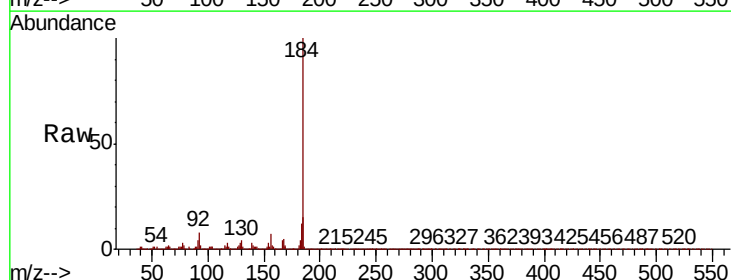
Manual Integrations
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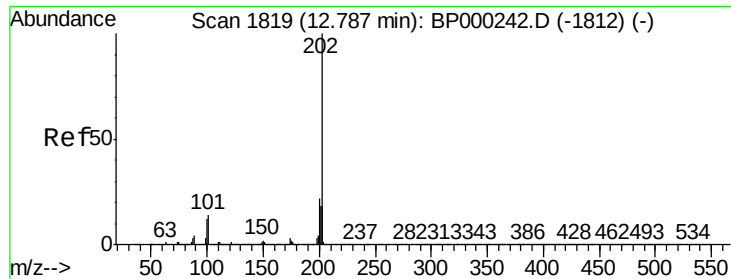
mohammad
9/30/2019 8:15:01 AM



#77
Benzidine
Concen: 32.333 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.7	19.1
183	11.8	9.5	14.3





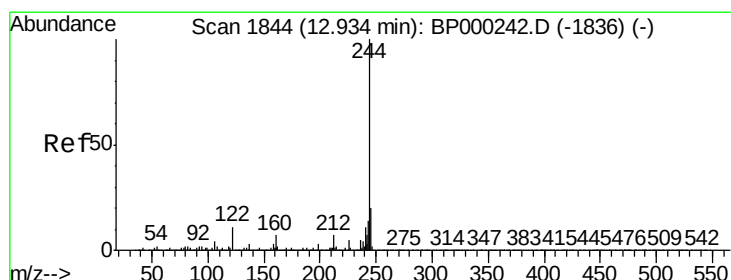
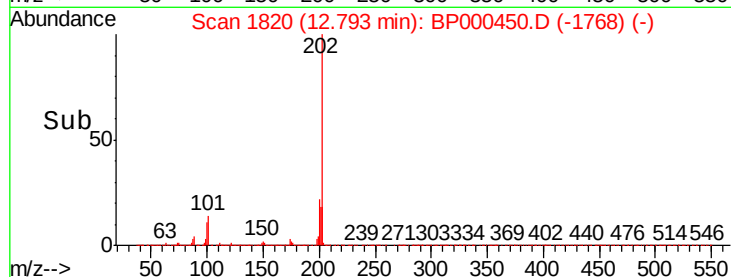
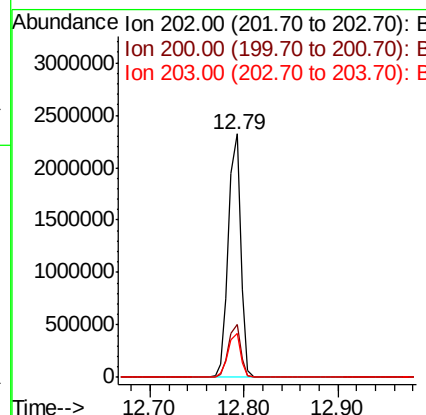
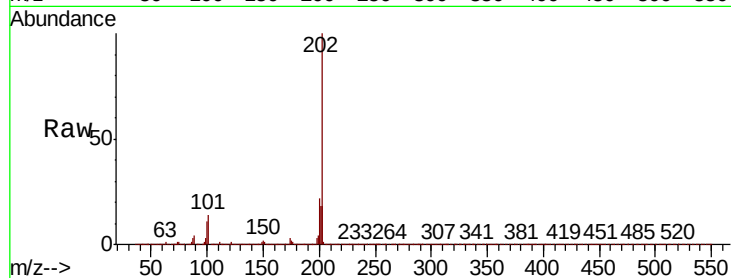
#78
Pvrene
Concen: 38.009 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.5	26.3
203	17.8	14.3	21.5

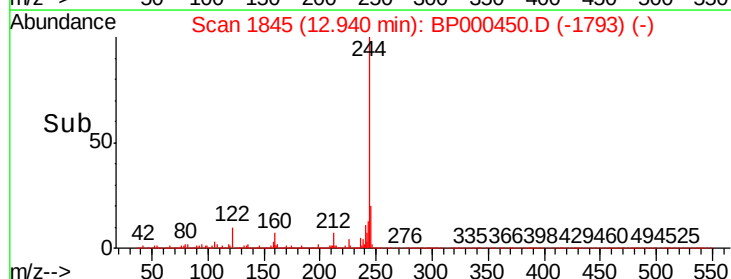
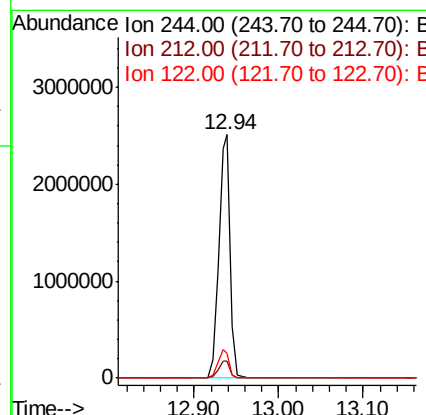
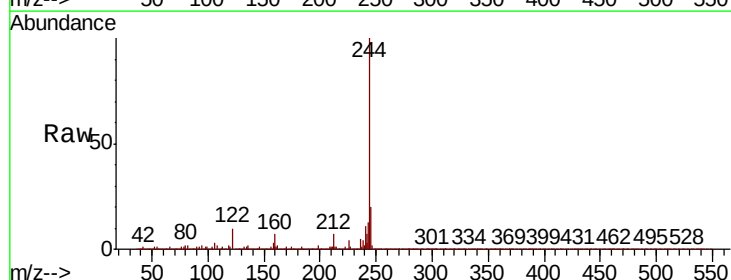
Manual Integrations
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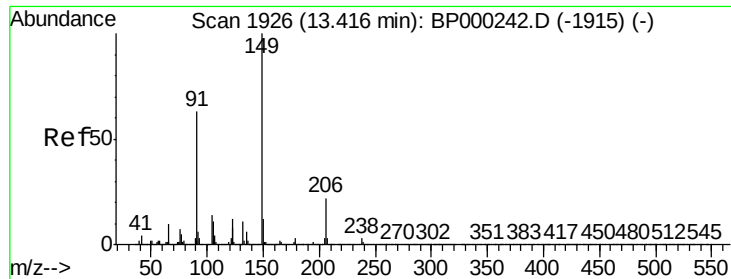
mohammad
9/30/2019 8:15:01 AM



#79
Terphenyl-d14
Concen: 66.739 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	10.2	9.0	13.4





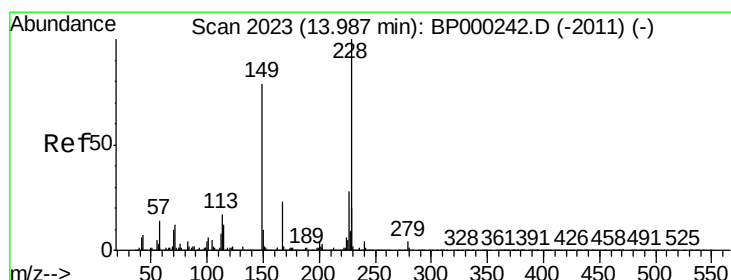
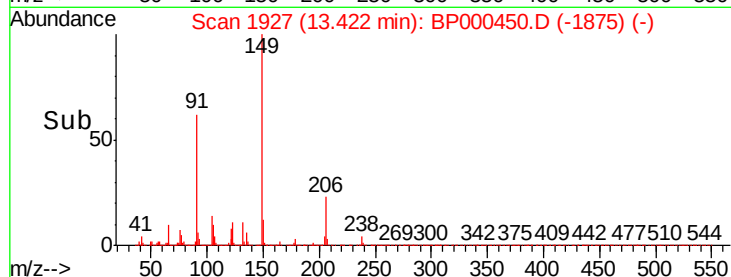
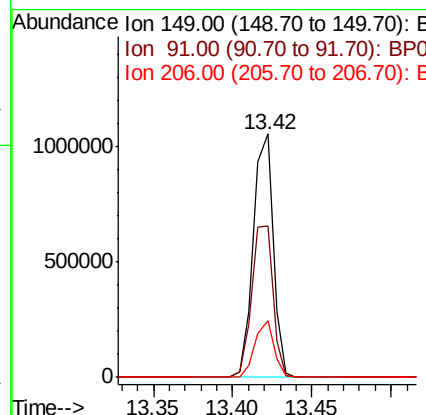
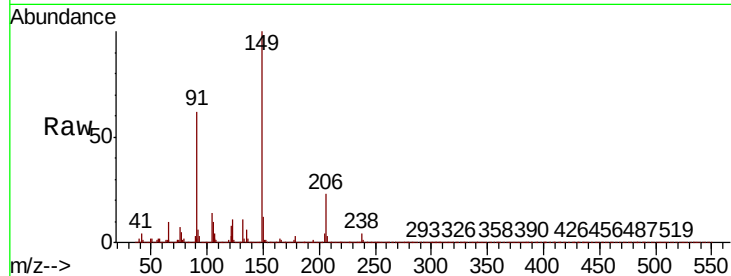
#80
Butylbenzylphthalate
Concen: 35.517 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampled :
PB123396BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.4	50.6	76.0
206	23.3	17.8	26.6

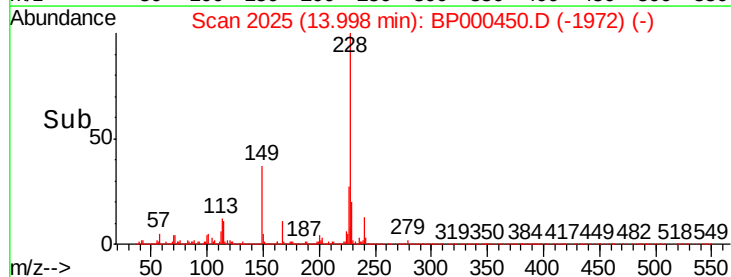
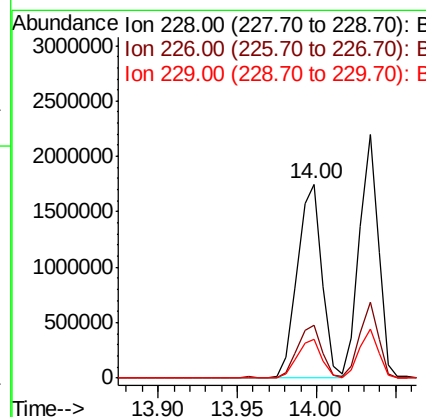
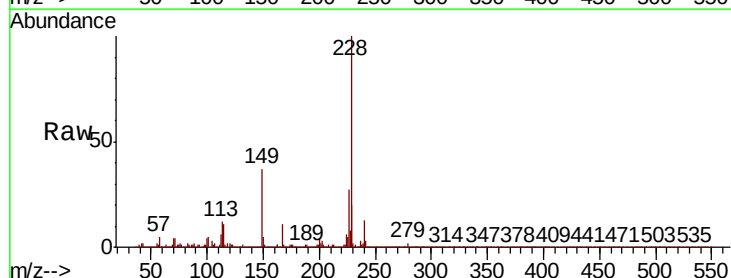
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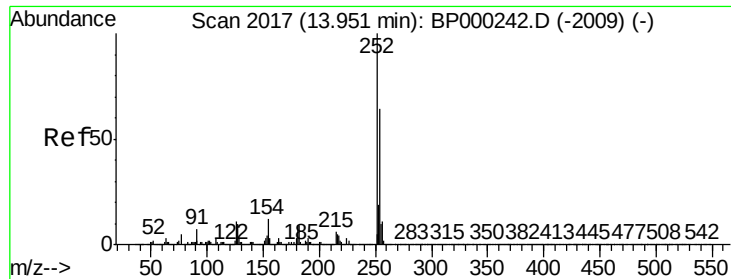
mohammad
9/30/2019 8:15:01 AM



#81
Benzo(a)anthracene
Concen: 39.268 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.2	33.4
229	20.1	16.0	24.0





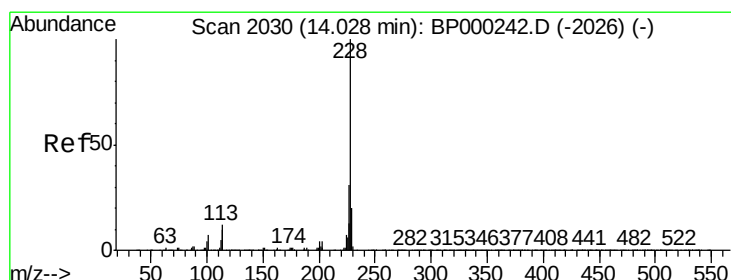
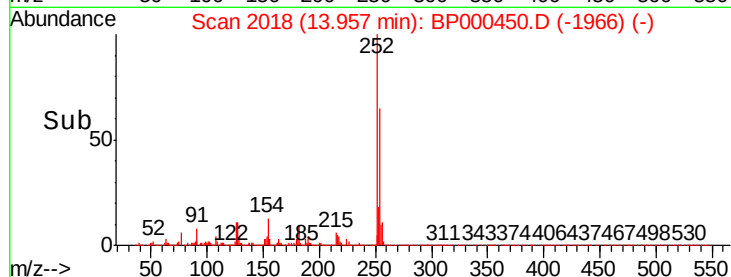
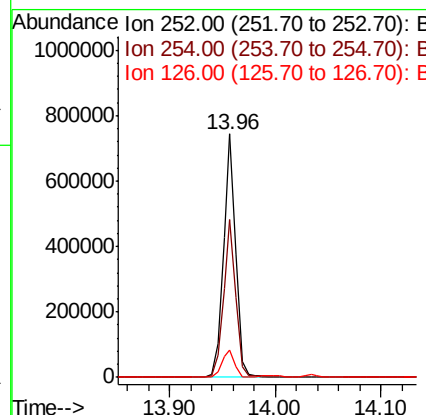
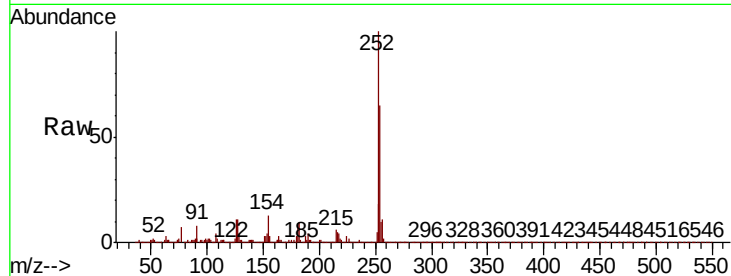
#82
 3,3'-Dichlorobenzidine
 Concen: 32.060 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Instrument :
 BNA_P
 ClientSampleId :
 PB123396BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	615602		
254	64.7	51.5	77.3	
126	11.4	8.4	12.6	

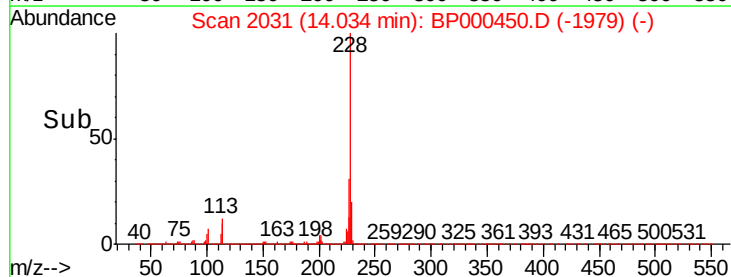
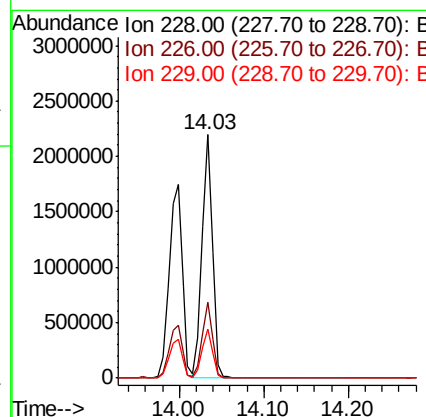
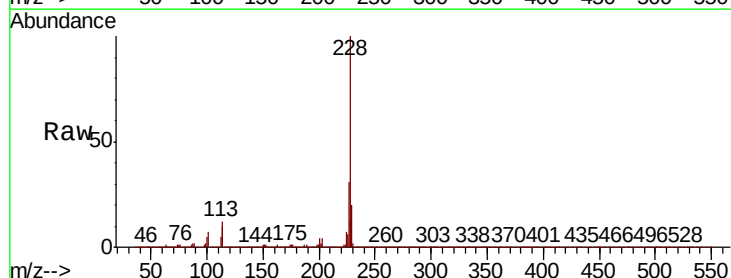
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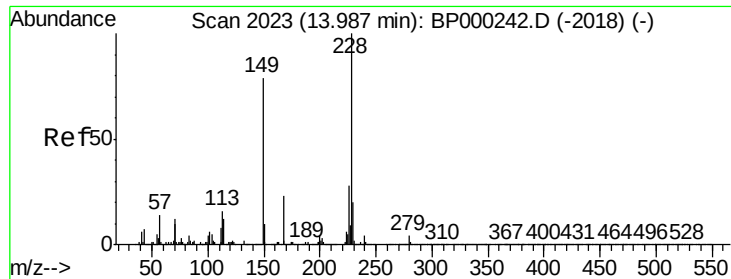
mohammad
 9/30/2019 8:15:01 AM



#83
 Chrysene
 Concen: 39.460 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1851095		
226	31.0	24.9	37.3	
229	20.2	16.2	24.2	





#84

Bis(2-ethylhexyl)phthalate

Concen: 38.829 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

Instrument :

BNA_P

ClientSampleId :

PB123396BS

Tot Ion:149 Resp: 1211991

Ion Ratio Lower Upper

149 100

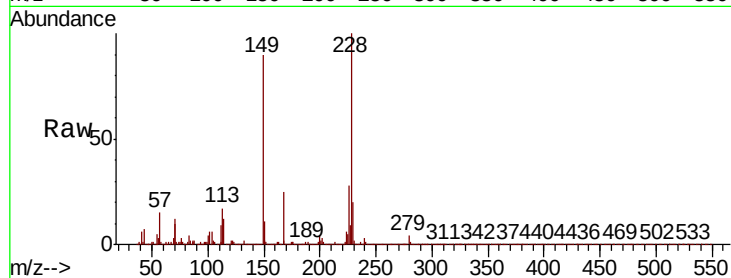
167 28.3 23.0 34.4

279 4.9 3.7 5.5

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mohammad

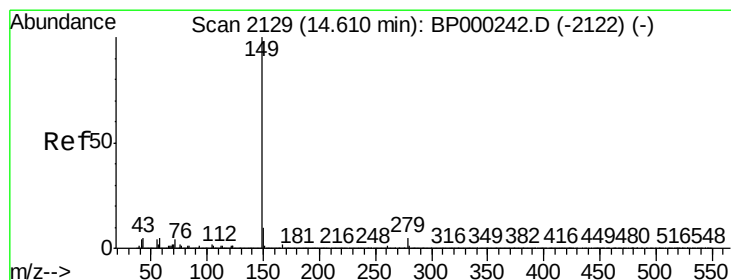
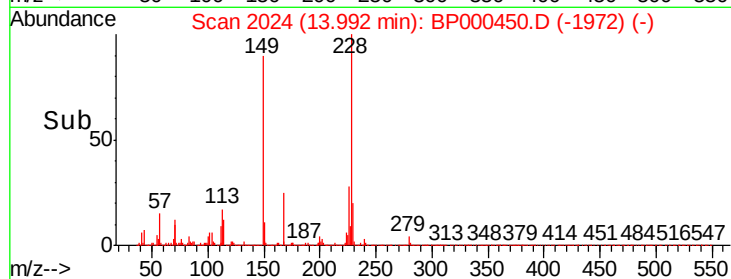
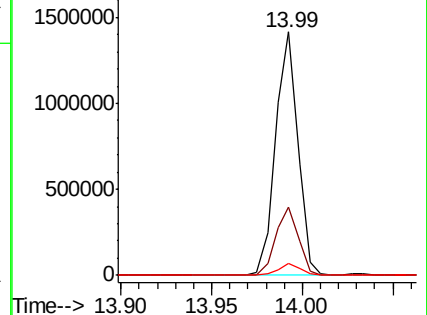
9/30/2019 8:15:01 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 38.116 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BP000450.D

Acq: 27 Sep 2019 12:18

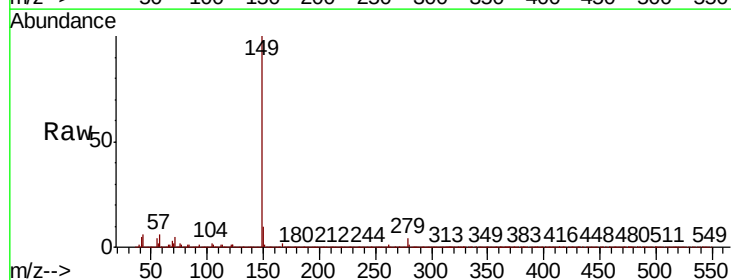
Tgt Ion:149 Resp: 2205070

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

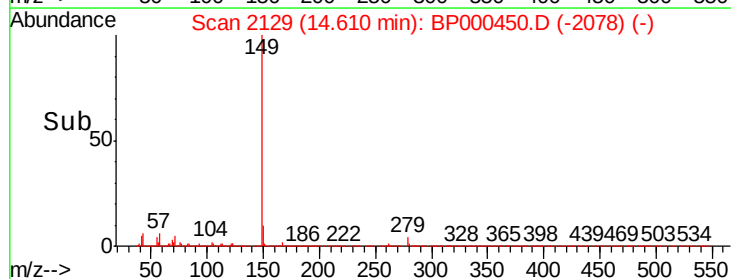
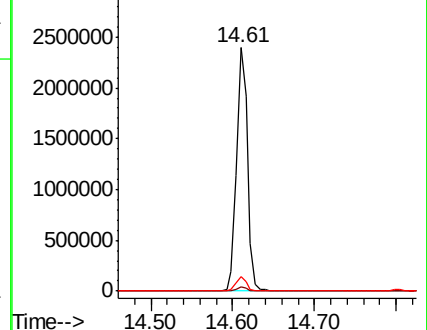
43 5.8 5.0 7.6

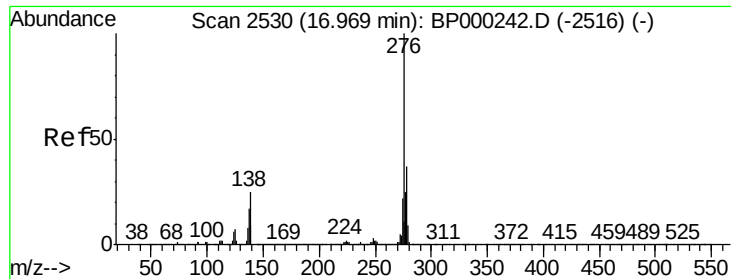


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0





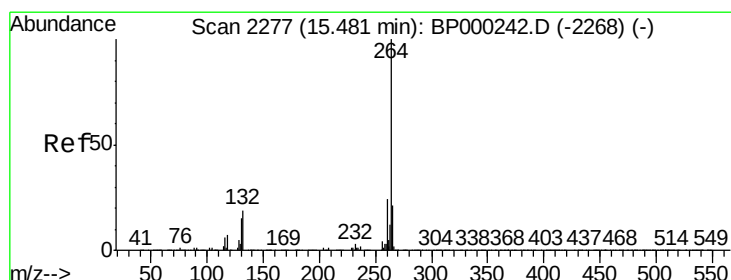
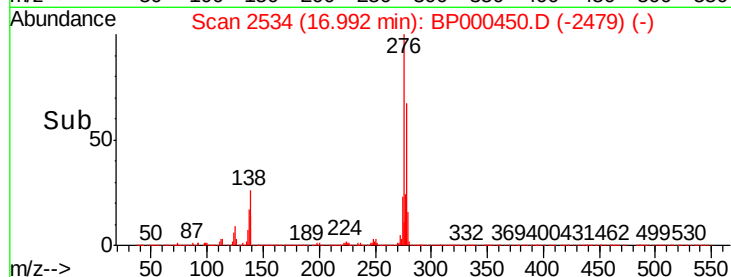
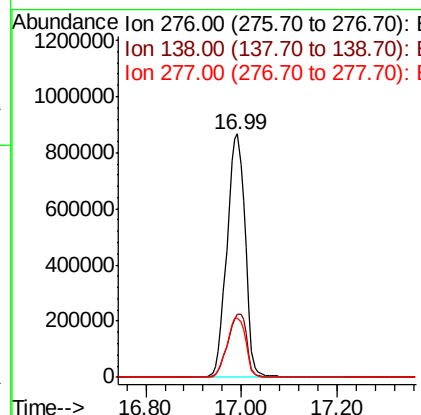
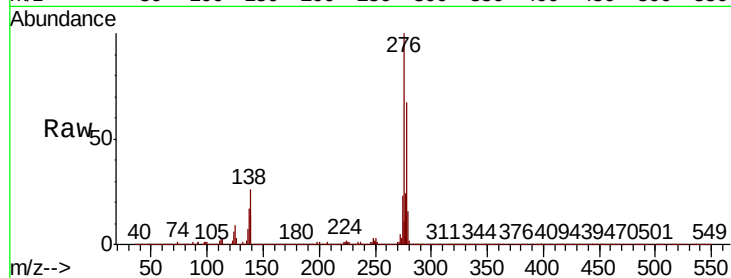
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.298 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. 0.02 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Instrument :
 BNA_P
 ClientSampleID :
 PB123396BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	22.6	33.8
277	25.4	20.4	30.6

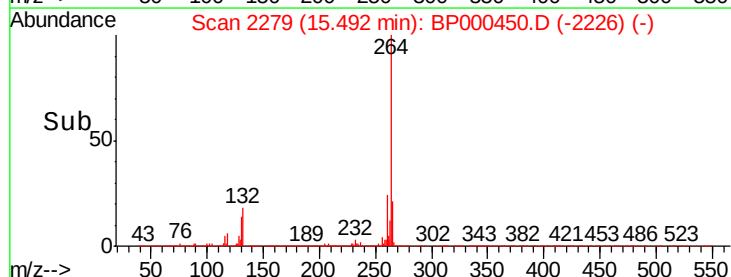
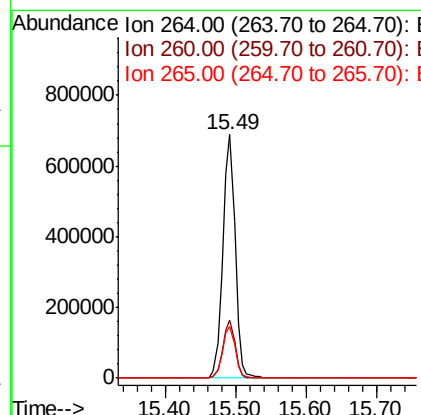
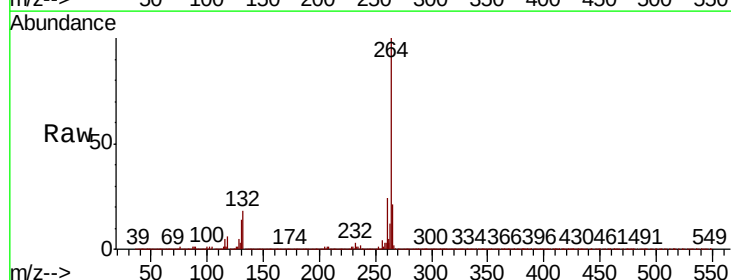
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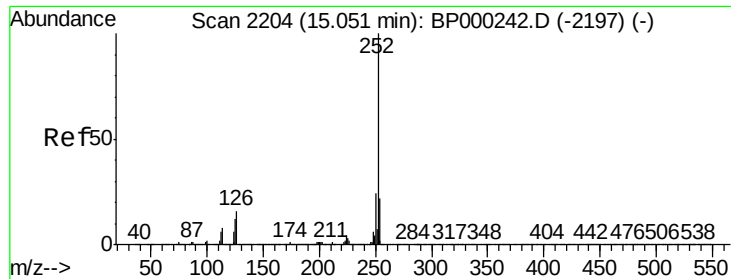
mohammad
 9/30/2019 8:15:01 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.01 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	21.4	17.2	25.8





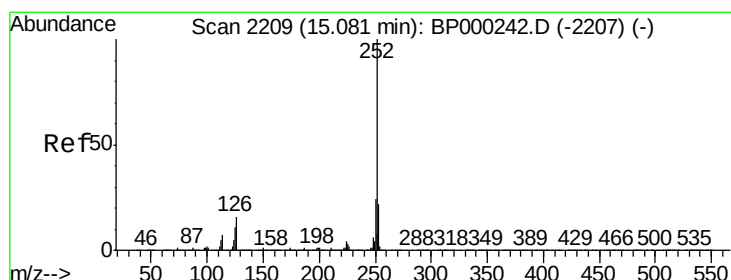
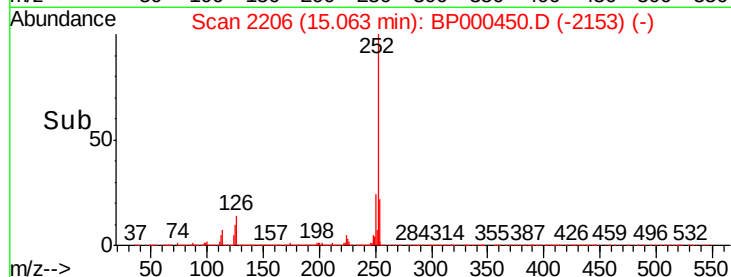
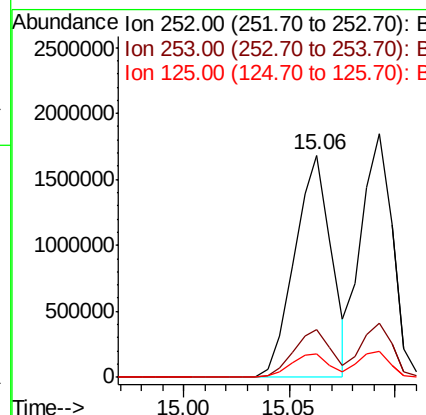
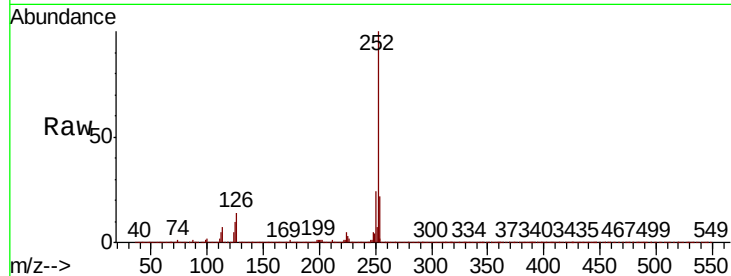
#88
Benzo(b)fluoranthene
Concen: 40.972 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	10.3	9.5	14.3

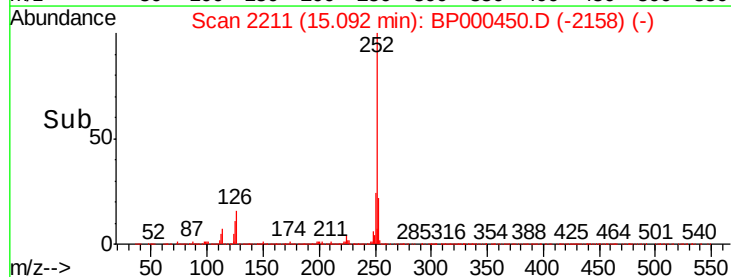
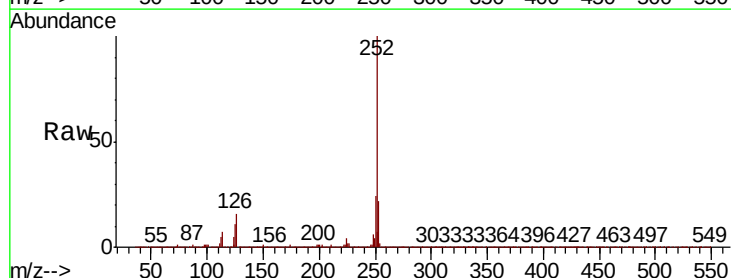
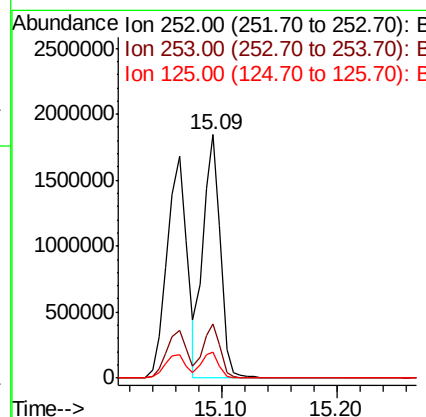
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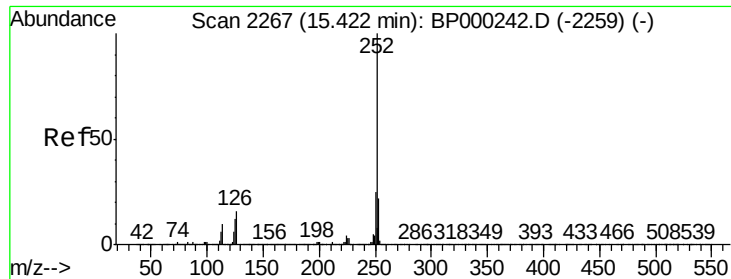
mohammad
9/30/2019 8:15:01 AM



#89
Benzo(k)fluoranthene
Concen: 44.628 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.9	9.6	14.4





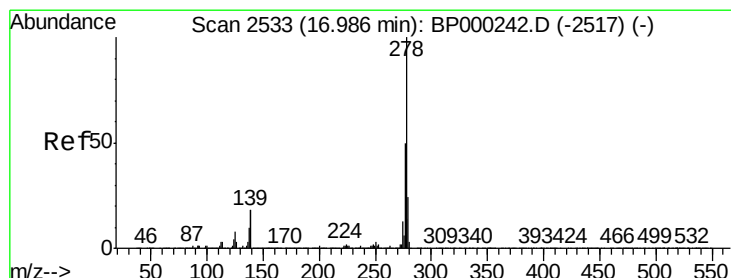
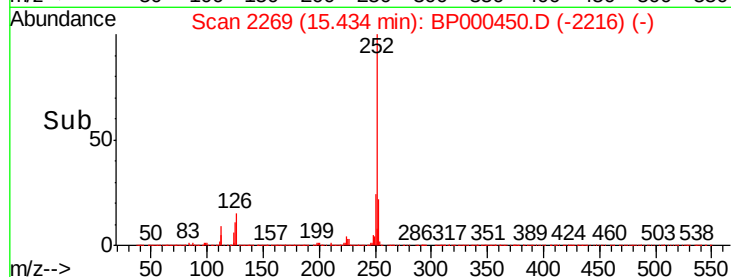
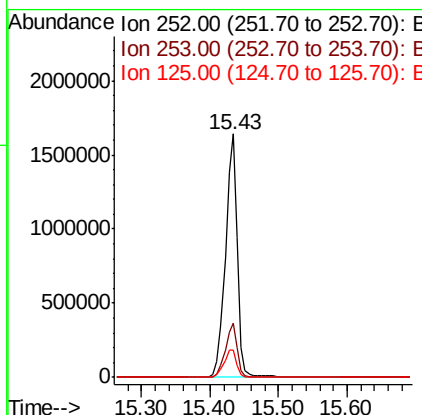
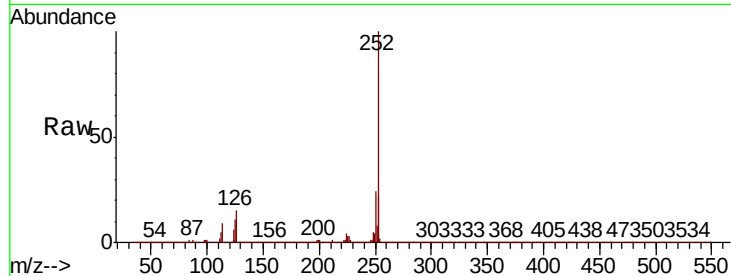
#90
Benzo(a)pyrene
Concen: 43.552 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Instrument :
BNA_P
ClientSampleId :
PB123396BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	11.3	10.0	15.0

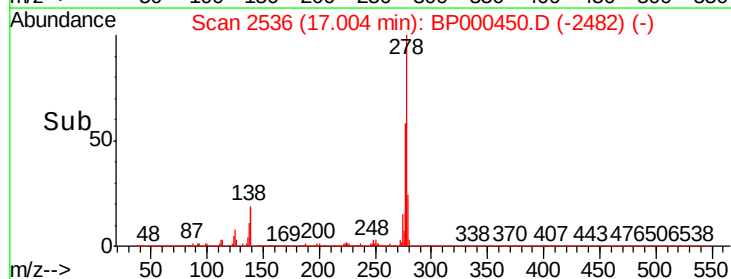
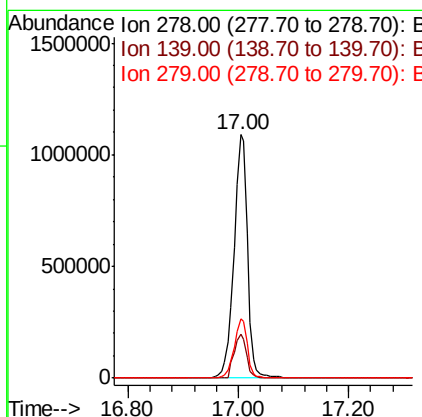
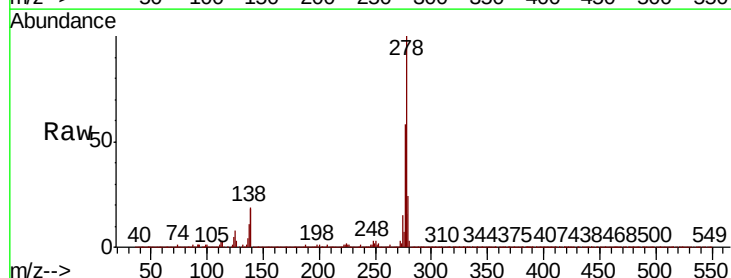
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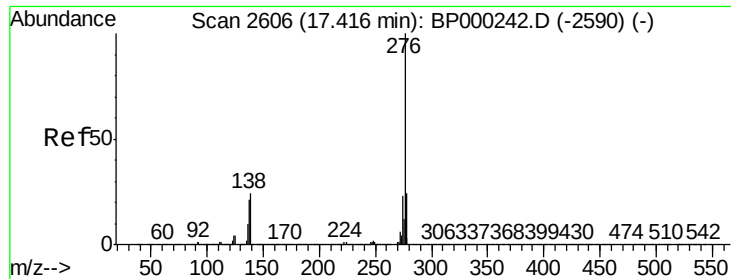
mohammad
9/30/2019 8:15:01 AM



#91
Dibenzo(a,h)anthracene
Concen: 44.726 ng
RT: 17.00 min Scan# 2536
Delta R.T. 0.02 min
Lab File: BP000450.D
Acq: 27 Sep 2019 12:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.5	21.7
279	24.4	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 44.490 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.02 min
 Lab File: BP000450.D
 Acq: 27 Sep 2019 12:18

Instrument :
 BNA_P
 ClientSampleId :
 PB123396BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	23.0	19.5	29.3

Manual Integrations
 APPROVED

mohammad
 9/30/2019 8:15:01 AM

