

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001163.D
 Acq On : 03 Dec 2019 19:09
 Operator : JU
 Sample : PB125109BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125109BSD

Manual Integrations
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mohammad
 12/4/2019 5:00:50 PM

Quant Time: Dec 04 04:41:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	114031	20.00	ng	-0.01
21) Naphthalene-d8	10.35	136	452484	20.00	ng	-0.01
39) Acenaphthene-d10	13.22	164	257792	20.00	ng	-0.02
64) Phenanthrene-d10	15.61	188	477458	20.00	ng	-0.02
76) Chrysene-d12	19.26	240	367970	20.00	ng	-0.02
87) Perylene-d12	21.03	264	329234	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.23	112	924202	134.47	ng	0.00
7) Phenol-d6	7.77	99	1214552	132.64	ng	0.00
23) Nitrobenzene-d5	9.20	82	677733	64.98	ng	-0.01
42) 2,4,6-Tribromophenol	14.51	330	307367	124.39	ng	-0.01
45) 2-Fluorobiphenyl	12.13	172	1103329	62.64	ng	-0.02
79) Terphenyl-d14	17.89	244	1254736	63.09	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	118057	36.773	ng	94
3) Pyridine	3.48	79	301145	33.804	ng	98
4) n-Nitrosodimethylamine	3.39	42	193659	50.237	ng	81
6) Aniline	7.79	93	351404	28.944	ng	# 34
8) 2-Chlorophenol	7.98	128	336763	47.357	ng	99
9) Benzaldehyde	7.61	77	164234	28.534	ng	97
10) Phenol	7.79	94	482754	46.349	ng	89
11) bis(2-Chloroethyl)ether	7.92	93	356401	43.943	ng	98
12) 1,3-Dichlorobenzene	8.22	146	359761	42.683	ng	98
13) 1,4-Dichlorobenzene	8.34	146	370373	43.621	ng	98
14) 1,2-Dichlorobenzene	8.58	146	352073	44.059	ng	99
15) Benzyl Alcohol	8.55	79	368146	48.978	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.78	45	552512	42.372	ng	99
17) 2-Methylphenol	8.74	107	299636	45.935	ng	97
18) Hexachloroethane	9.12	117	153699	43.759	ng	98
19) n-Nitroso-di-n-propylamine	8.98	70	290887	44.025	ng	93
20) 3+4-Methylphenols	8.98	107	382824	46.557	ng	98
22) Acetophenone	8.96	105	551618	41.478	ng	# 96
24) Nitrobenzene	9.23	77	450059	43.397	ng	99
25) Isophorone	9.62	82	784594	41.953	ng	98
26) 2-Nitrophenol	9.74	139	172140	45.316	ng	96
27) 2,4-Dimethylphenol	9.83	122	295699	49.144	ng	95
28) bis(2-Chloroethoxy)methane	9.99	93	452766	38.586	ng	100
29) 2,4-Dichlorophenol	10.13	162	291400	42.551	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	329119	41.146	ng	98
31) Naphthalene	10.39	128	978569	42.345	ng	100
32) Benzoic acid	10.02	122	196221	45.108	ng	98
33) 4-Chloroaniline	10.48	127	227889	22.724	ng	98
34) Hexachlorobutadiene	10.60	225	206960	41.131	ng	99
35) Caprolactam	11.05	113	95360m	40.403	ng	
36) 4-Chloro-3-methylphenol	11.29	107	351236	43.258	ng	100
37) 2-Methylnaphthalene	11.52	142	670264	42.505	ng	97
38) 1-Methylnaphthalene	11.67	142	631341	42.383	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.79	216	324924	39.995	ng	99

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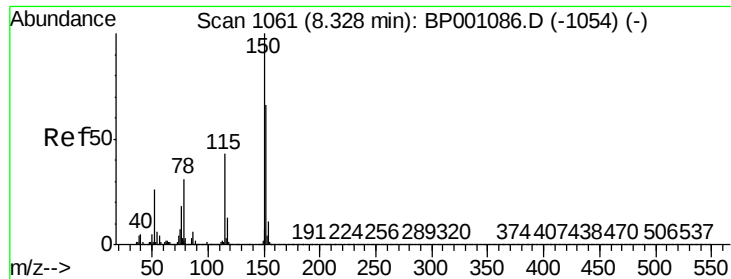
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 12/4/2019 5:00:50 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.79	237	297388	79.348	nq	99
43) 2,4,6-Trichlorophenol	11.98	196	216345	40.785	nq	97
44) 2,4,5-Trichlorophenol	12.04	196	235181	42.790	nq	98
46) 1,1'-Biphenyl	12.29	154	802296	40.270	nq	100
47) 2-Chloronaphthalene	12.30	162	629050	39.528	nq	97
48) 2-Nitroaniline	12.47	65	254967	40.879	nq	97
49) Acenaphthylene	12.98	152	997389	41.811	nq	99
50) Dimethylphthalate	12.81	163	754280	39.122	nq	100
51) 2,6-Dinitrotoluene	12.89	165	168557	40.840	nq	98
52) Acenaphthene	13.27	154	574931	40.067	nq	99
53) 3-Nitroaniline	13.15	138	125223	27.009	nq	95
54) 2,4-Dinitrophenol	13.33	184	131515	78.189	nq	# 86
55) Dibenzofuran	13.56	168	891589	41.349	nq	99
56) 4-Nitrophenol	13.45	139	285011	86.753	nq	83
57) 2,4-Dinitrotoluene	13.55	165	220348	42.593	nq	# 86
58) Fluorene	14.12	166	710370	41.114	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.76	232	196172	43.421	nq	98
60) Diethylphthalate	13.98	149	778192	38.981	nq	99
61) 4-Chlorophenyl-phenylether	14.13	204	352952	40.116	nq	99
62) 4-Nitroaniline	12.47	138	206992	38.508	nq	92
63) Azobenzene	14.40	77	876526	40.619	nq	96
65) 4,6-Dinitro-2-methylphenol	14.21	198	94072	46.209	nq	95
66) n-Nitrosodiphenylamine	14.33	169	617434	42.560	nq	100
67) 4-Bromophenyl-phenylether	14.93	248	207206	39.973	nq	94
68) Hexachlorobenzene	15.02	284	229576	40.285	nq	98
69) Atrazine	15.22	200	209792	47.362	nq	99
70) Pentachlorophenol	15.33	266	269122	90.608	nq	99
71) Phenanthrene	15.65	178	1056438	42.087	nq	99
72) Anthracene	15.73	178	1077419	43.548	nq	99
73) Carbazole	15.97	167	960495	42.663	nq	99
74) Di-n-butylphthalate	16.53	149	1214590	40.125	nq	99
75) Fluoranthene	17.36	202	1163374	43.779	nq	97
77) Benzidine	17.55	184	150488	15.840	nq	97
78) Pyrene	17.66	202	1175602	40.563	nq	100
80) Butylbenzylphthalate	18.55	149	520301	38.868	nq	98
81) Benzo(a)anthracene	19.25	228	1028027	40.295	nq	100
82) 3,3'-Dichlorobenzidine	19.21	252	316571	37.560	nq	99
83) Chrysene	19.29	228	941790	41.224	nq	100
84) Bis(2-ethylhexyl)phthalate	19.30	149	682772	37.098	nq	100
85) Di-n-octyl phthalate	20.08	149	1214423	37.145	nq	99
86) Indeno(1,2,3-cd)pyrene	22.68	276	1047094	38.890	nq	97
88) Benzo(b)fluoranthene	20.55	252	987993	49.131	nq	98
89) Benzo(k)fluoranthene	20.58	252	914237	47.202	nq	98
90) Benzo(a)pyrene	20.96	252	865643	46.734	nq	98
91) Dibenzo(a,h)anthracene	22.70	278	882252	48.671	nq	98
92) Benzo(g,h,i)perylene	23.17	276	898691	50.209	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.32 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

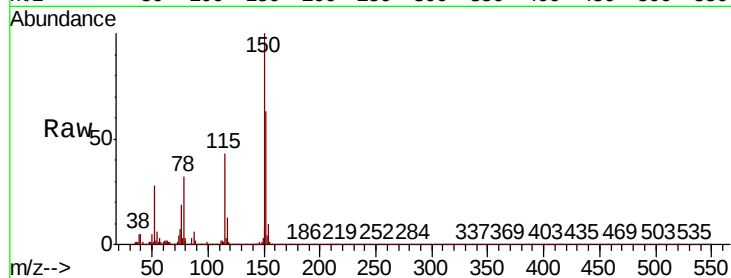
ClientSampleId :

PB125109BSD

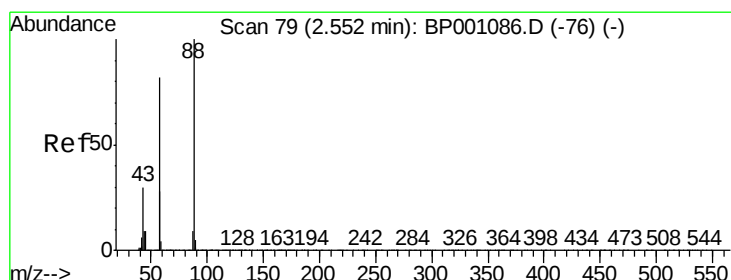
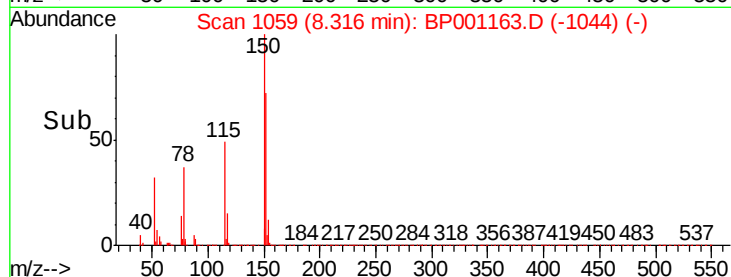
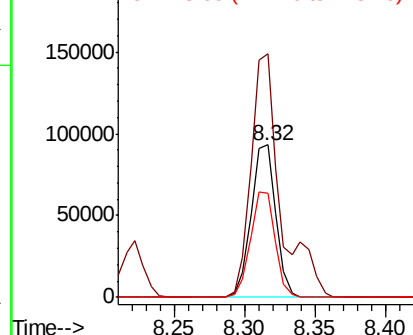
Tot Ion:	152	Resp:	114031
Ion Ratio	Lower	Upper	
152	100		
150	159.7	120.6	181.0
115	67.9	51.6	77.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.773 ng

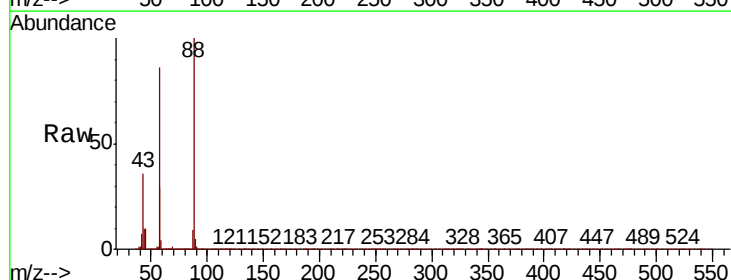
RT: 2.62 min Scan# 91

Delta R.T. 0.07 min

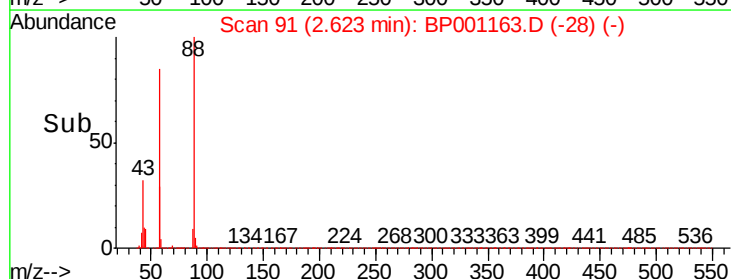
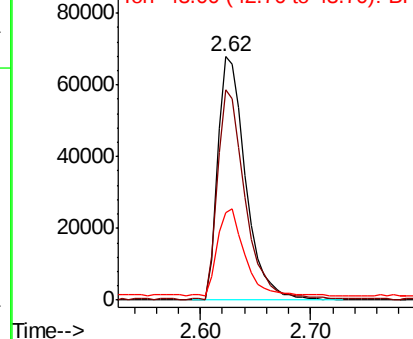
Lab File: BP001163.D

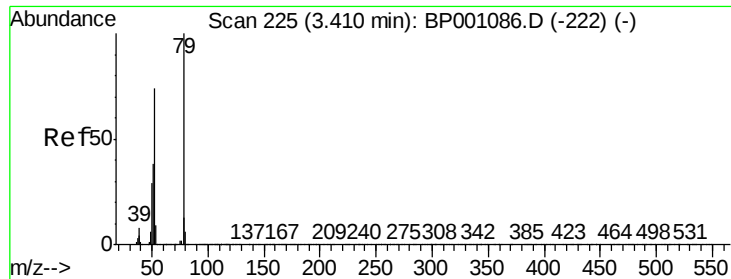
Acq: 03 Dec 2019 19:09

Tgt Ion:	88	Resp:	118057
Ion Ratio	Lower	Upper	
88	100		
58	84.9	64.3	96.5
43	34.9	23.8	35.6



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 33.804 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.07 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

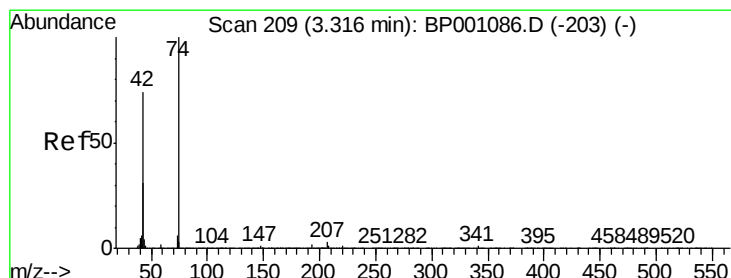
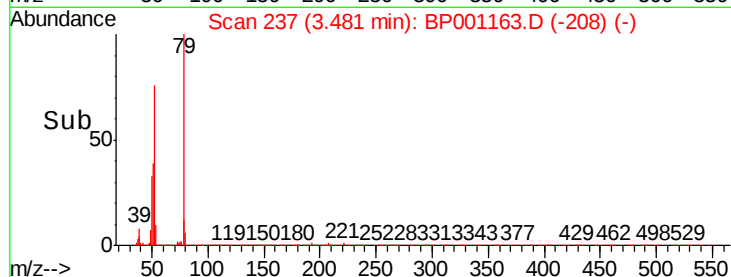
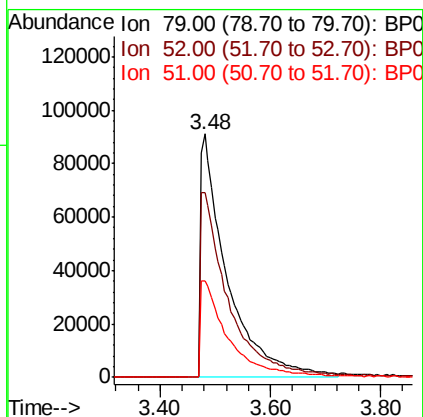
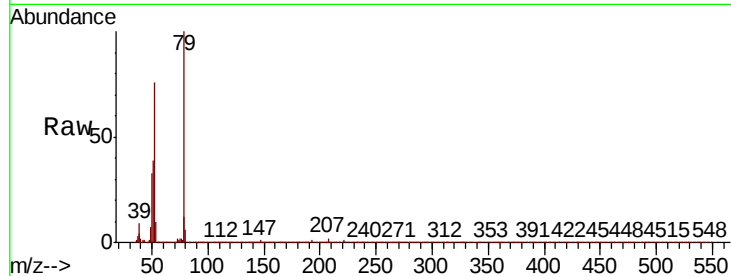
ClientSampleId :

PB125109BSD

Tot Ion:	79	Resp:	301145
Ion Ratio	Lower	Upper	
79	100		
52	76.1	59.4	89.2
51	39.5	30.2	45.4

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#4

n-Nitrosodimethylamine

Concen: 50.237 ng

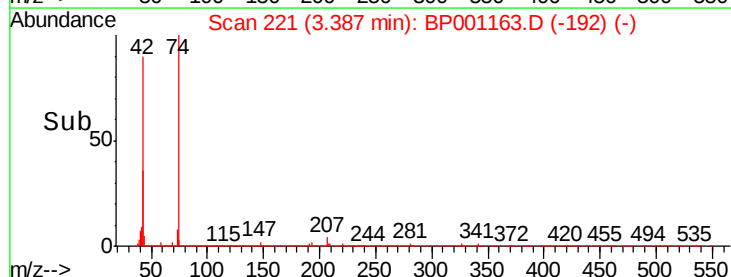
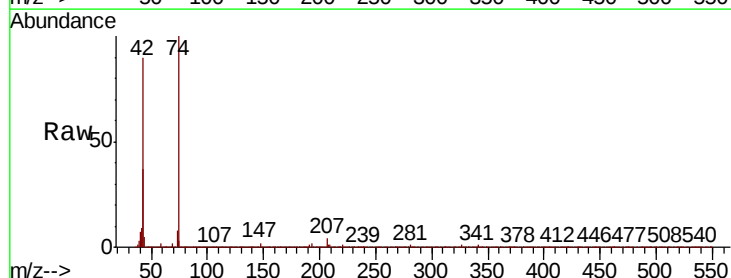
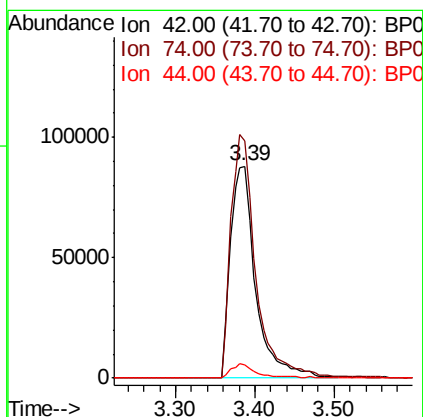
RT: 3.39 min Scan# 221

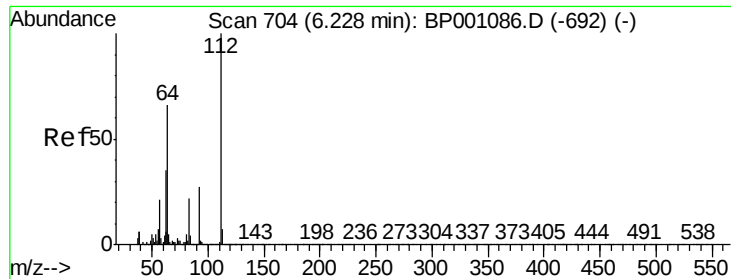
Delta R.T. 0.07 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:	42	Resp:	193659
Ion Ratio	Lower	Upper	
42	100		
74	111.7	108.6	163.0
44	6.0	5.1	7.7





#5

2-Fluorophenol

Concen: 134.466 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

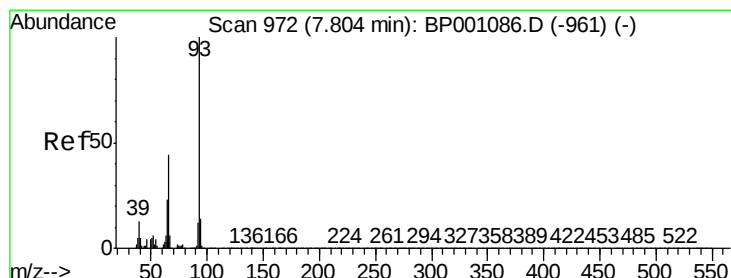
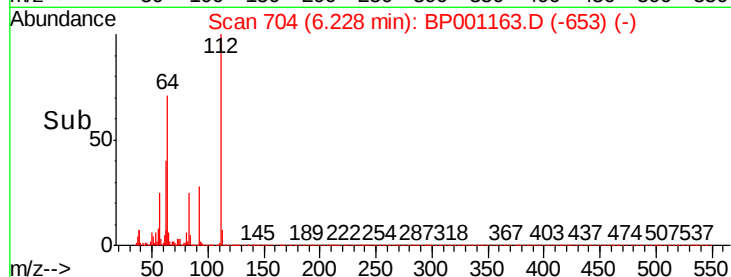
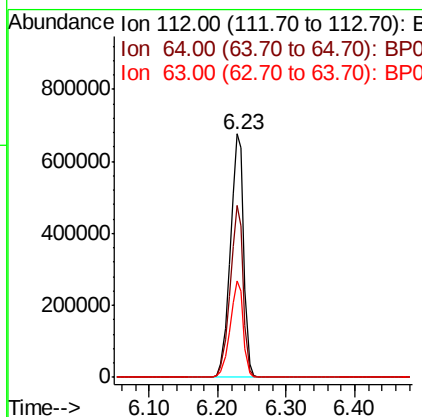
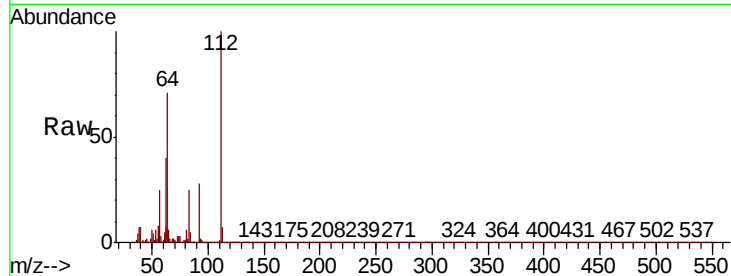
ClientSampleId :

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Tot Ion:	112	Resp:	924202
Ion Ratio	Lower	Upper	
112	100		
64	70.6	52.8	79.2
63	39.7	28.2	42.2

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#6

Aniline

Concen: 28.944 ng

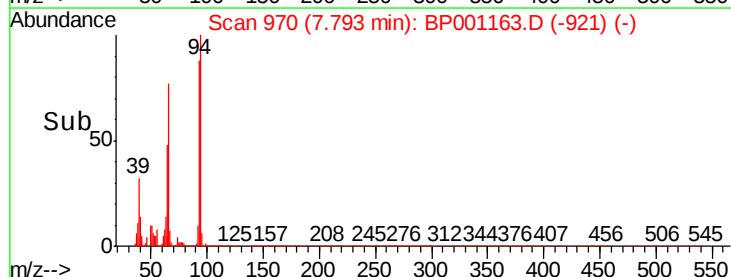
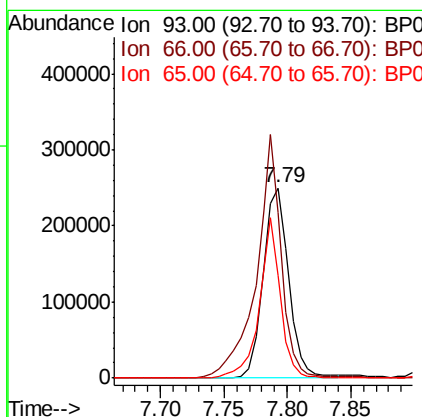
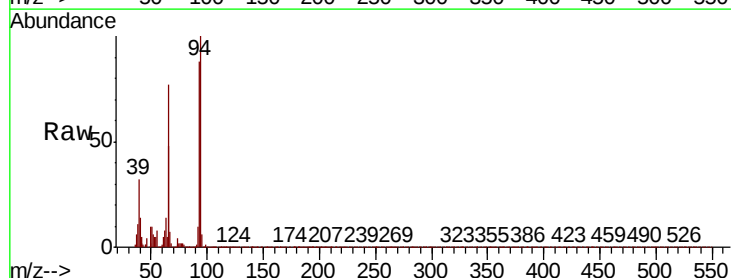
RT: 7.79 min Scan# 970

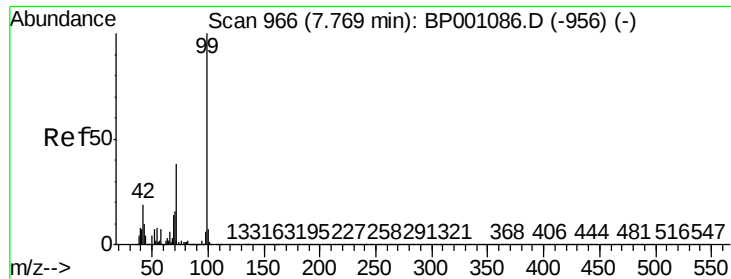
Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:	93	Resp:	351404
Ion Ratio	Lower	Upper	
93	100		
66	86.9	34.9	52.3#
65	54.4	18.5	27.7#





#7

Phenol-d6

Concen: 132.641 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

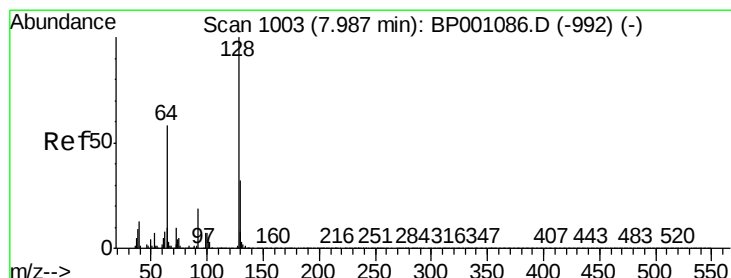
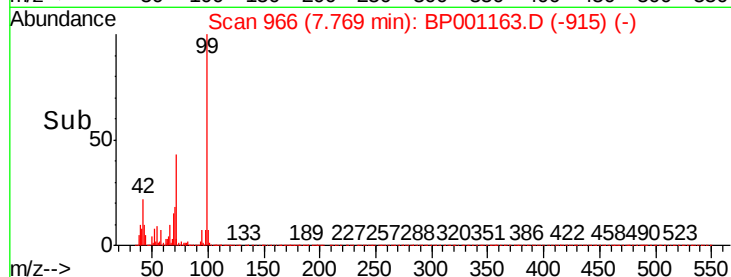
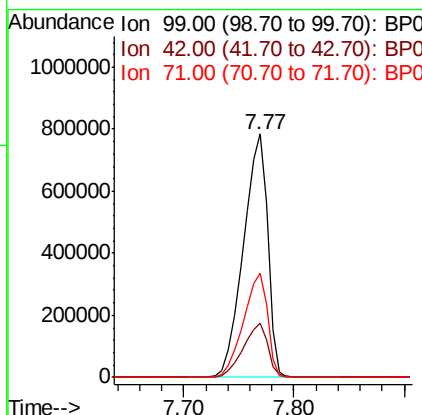
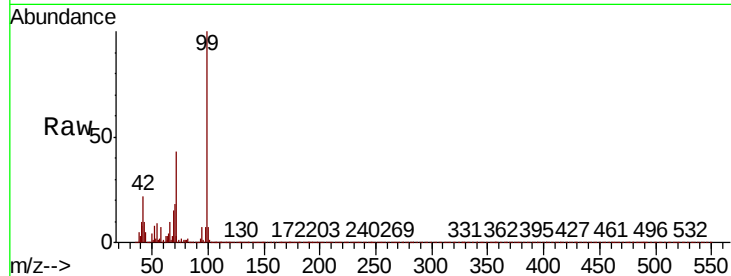
ClientSampleId :

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Tot Ion:	99	Resp:	1214552
Ion	Ratio	Lower	Upper
99	100		
42	22.2	15.4	23.0
71	42.7	30.8	46.2

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#8

2-Chlorophenol

Concen: 47.357 ng

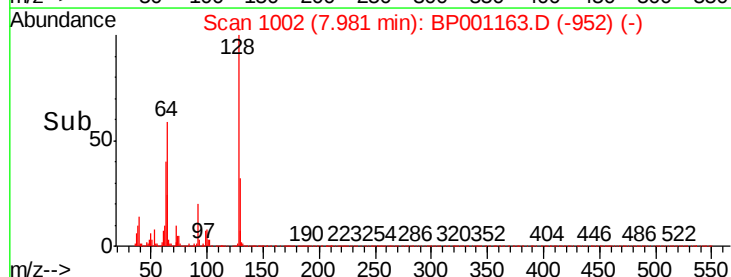
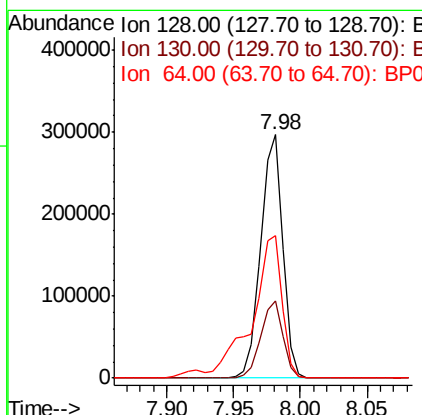
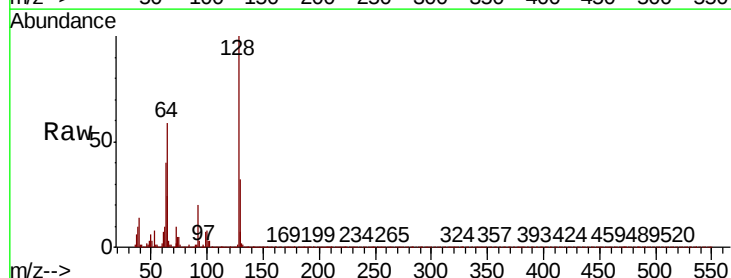
RT: 7.98 min Scan# 1002

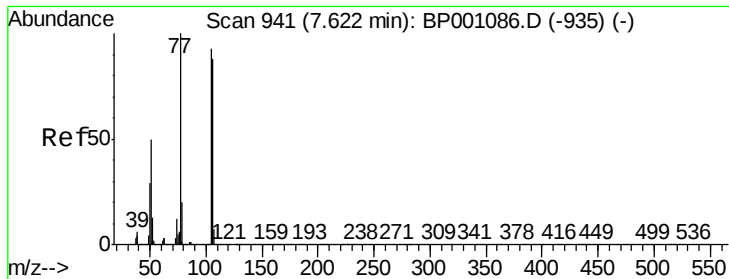
Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:	128	Resp:	336763
Ion	Ratio	Lower	Upper
128	100		
130	31.7	11.7	51.7
64	58.5	39.7	79.7





#9

Benzaldehyde

Concen: 28.534 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

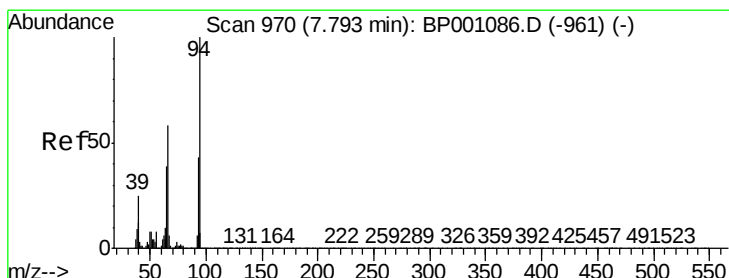
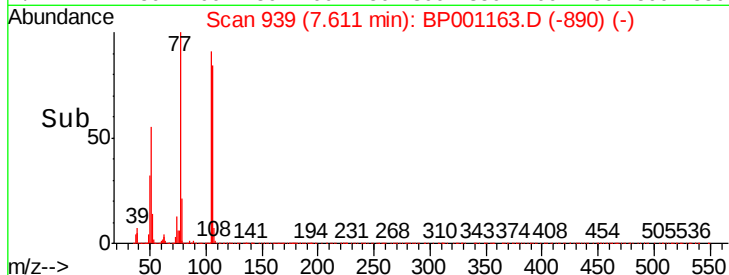
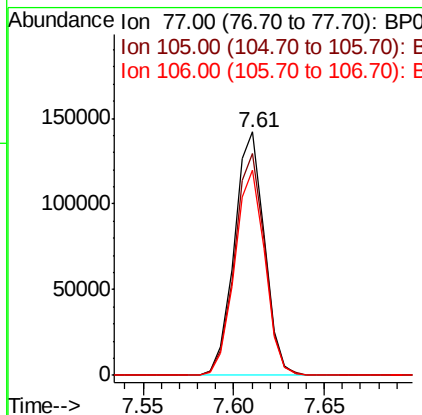
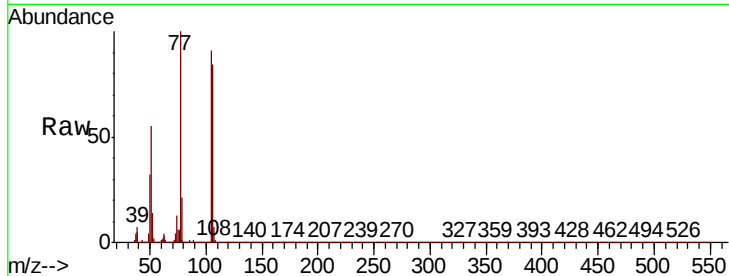
ClientSampleId :

PB125109BSD

Tot Ion:	77	Resp:	164234
Ion Ratio	Lower	Upper	
77	100		
105	91.1	72.5	112.5
106	84.1	67.6	107.6

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#10

Phenol

Concen: 46.349 ng

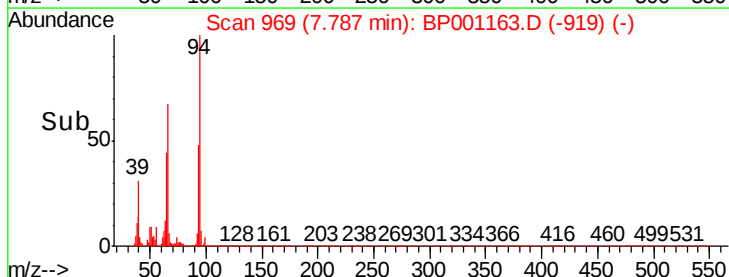
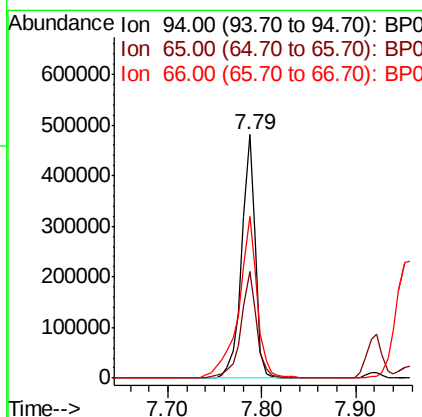
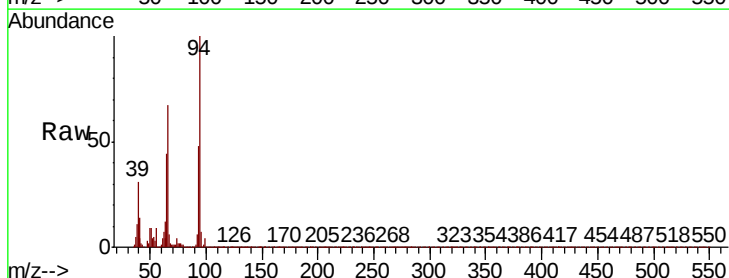
RT: 7.79 min Scan# 969

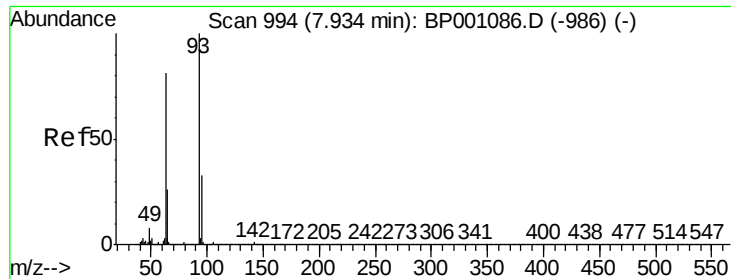
Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:	94	Resp:	482754
Ion Ratio	Lower	Upper	
94	100		
65	43.8	18.6	58.6
66	66.5	37.6	77.6





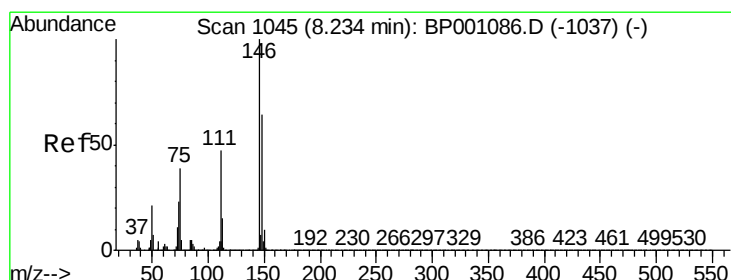
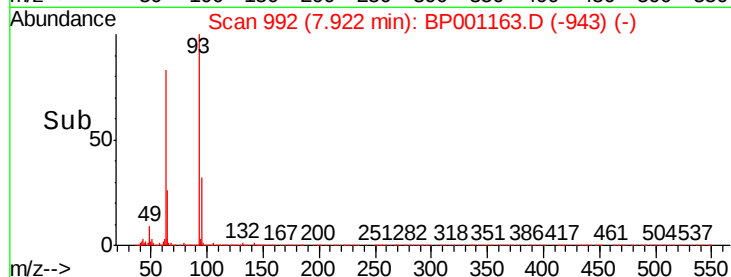
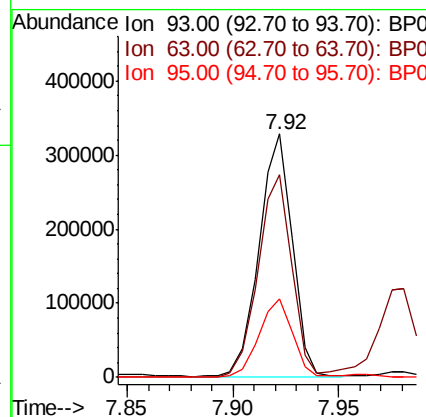
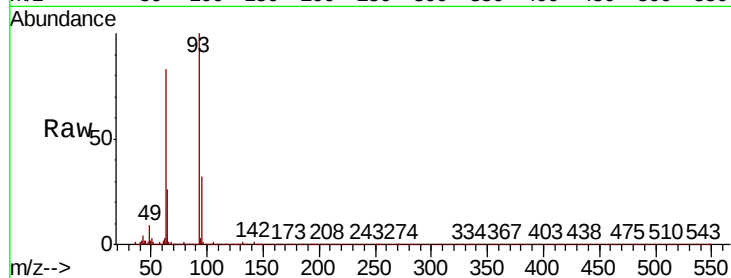
#11
bis(2-Chloroethyl)ether
Concen: 43.943 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		356401		
63	83.2	60.7	100.7		
95	32.0	12.7	52.7		

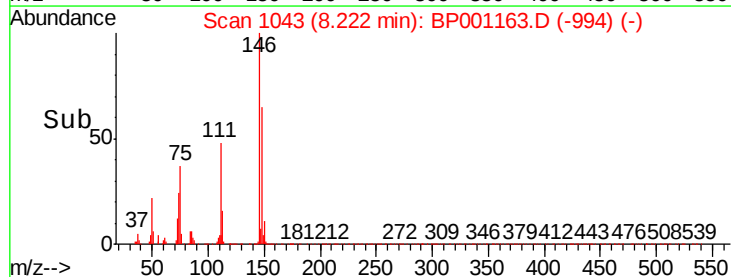
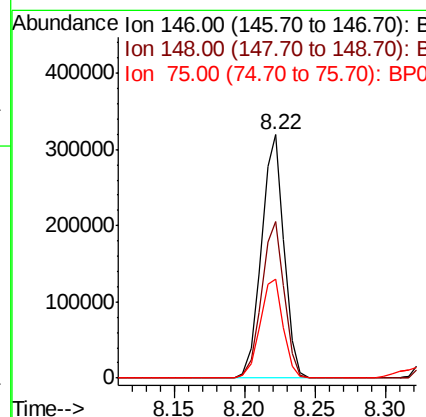
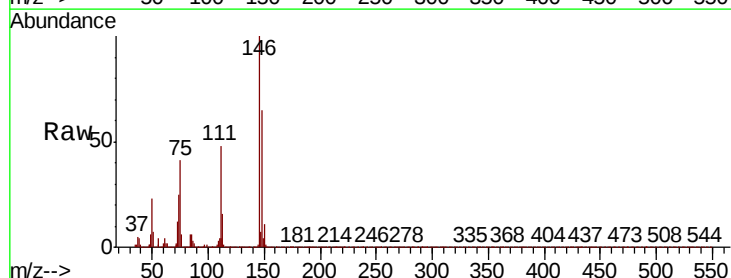
Manual Integrations
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mohammad
12/4/2019 5:00:50 PM



#12
1,3-Dichlorobenzene
Concen: 42.683 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		359761		
148	64.6	51.1	76.7		
75	40.8	31.3	46.9		





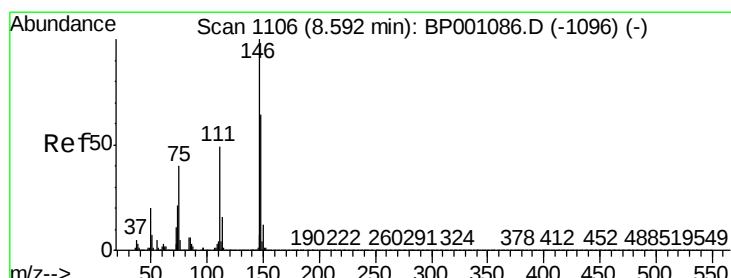
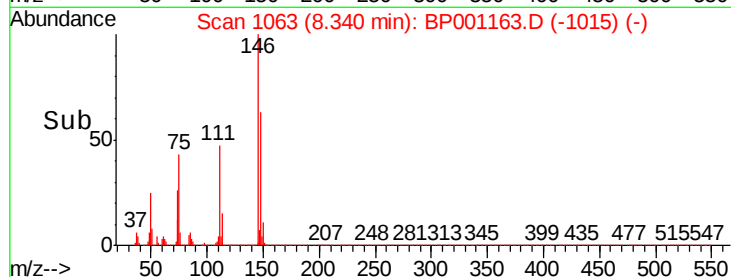
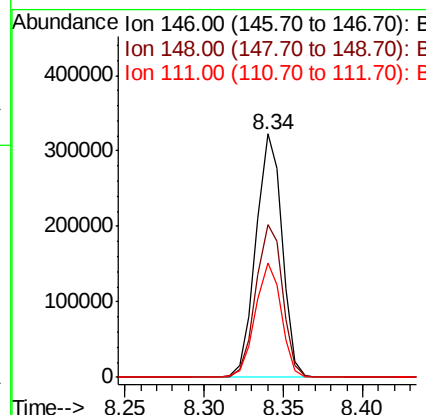
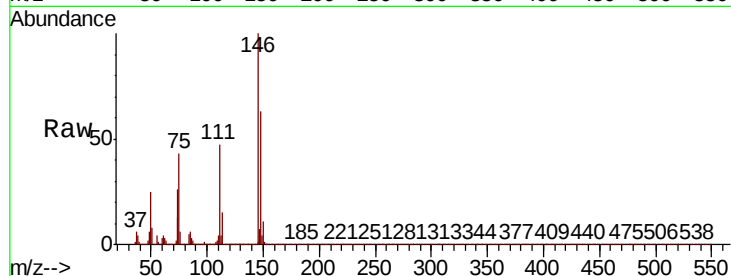
#13
1,4-Dichlorobenzene
Concen: 43.621 ng
RT: 8.34 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.6	77.4
111	47.1	37.0	55.6

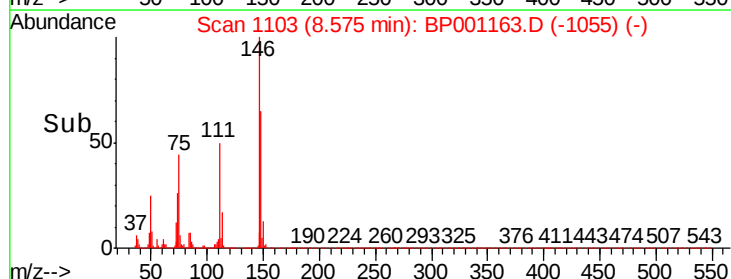
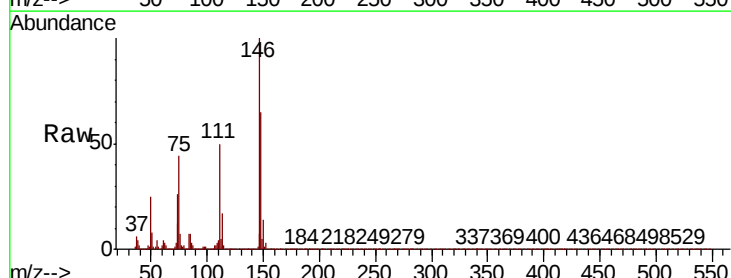
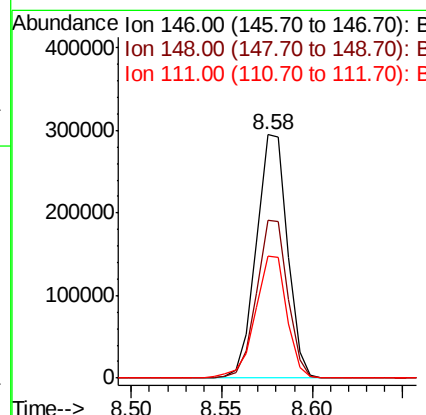
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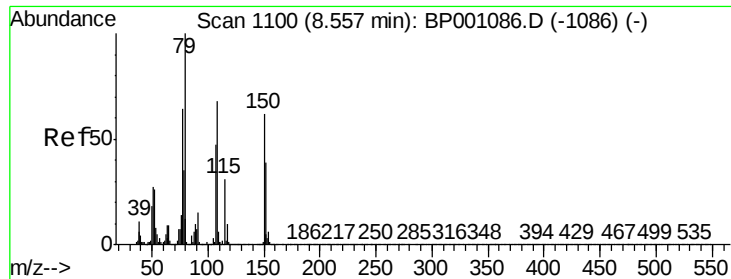
mohammad
12/4/2019 5:00:50 PM



#14
1,2-Dichlorobenzene
Concen: 44.059 ng
RT: 8.58 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.5	77.3
111	50.4	39.3	58.9





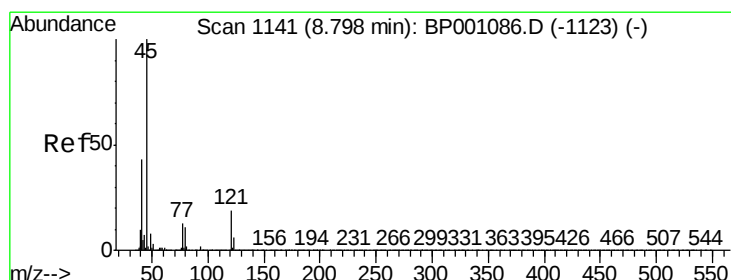
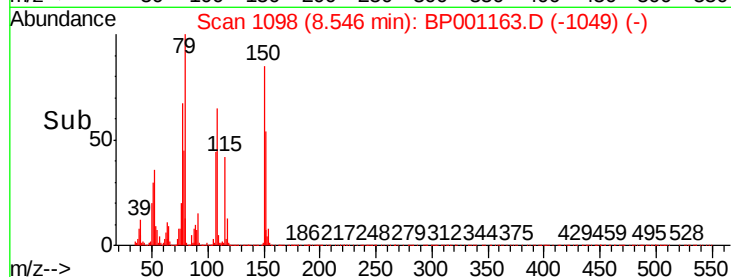
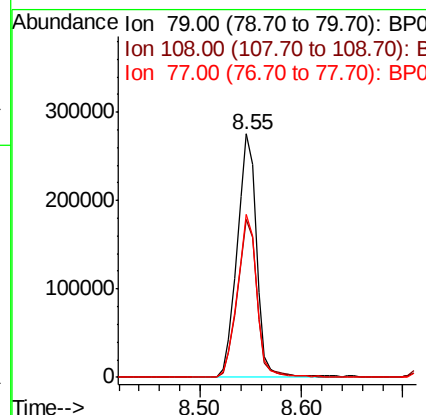
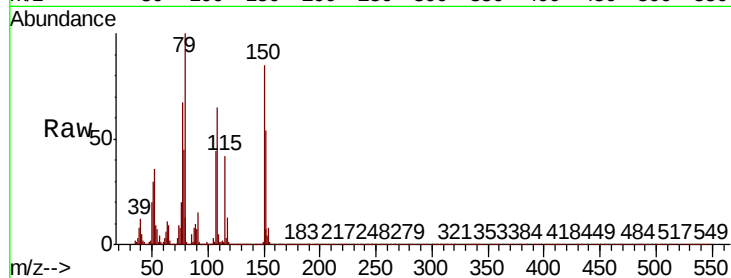
#15
Benzyl Alcohol
Concen: 48.978 ng
RT: 8.55 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.8	54.8	82.2
77	66.9	51.4	77.2

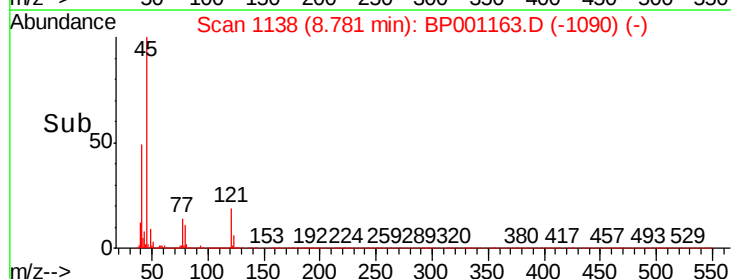
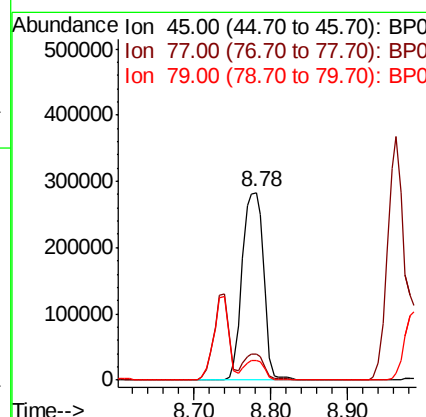
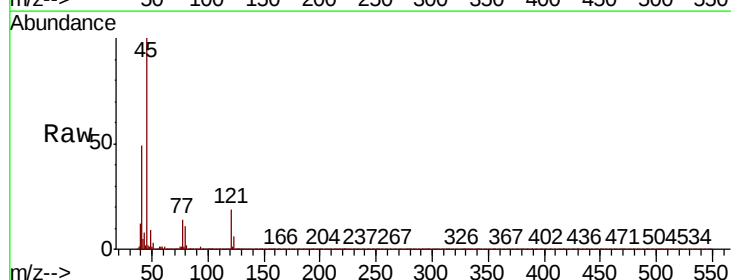
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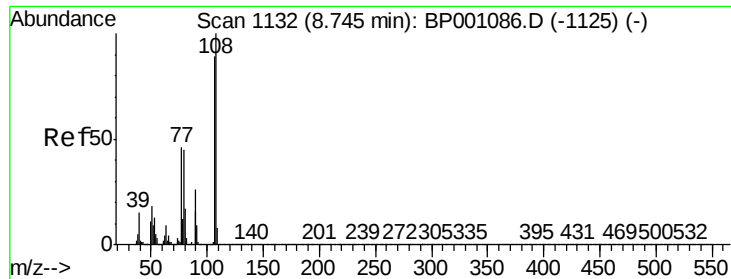
mohammad
12/4/2019 5:00:50 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.372 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.3
79	10.7	0.0	30.9





#17

2-Methylphenol

Concen: 45.935 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

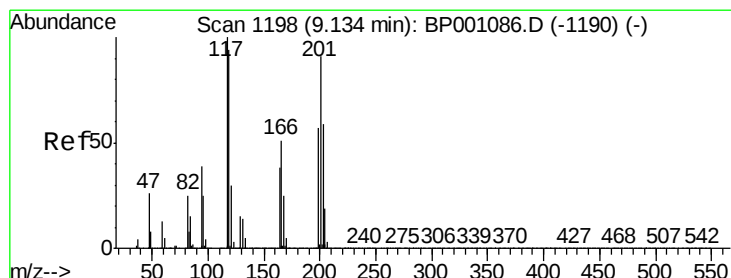
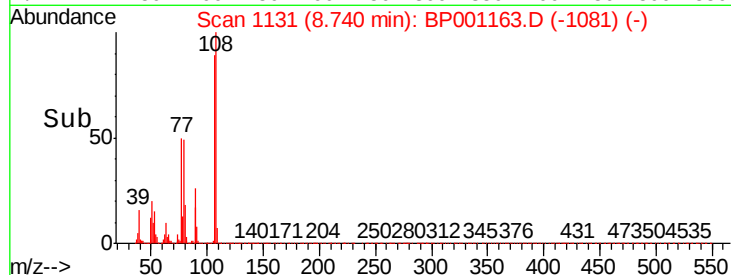
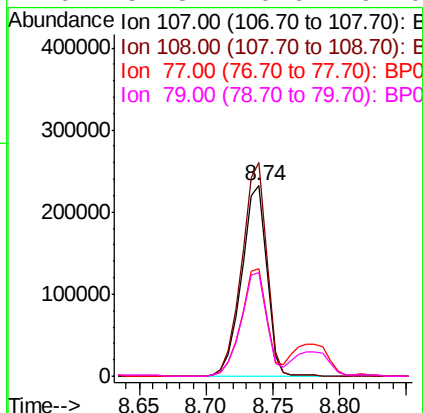
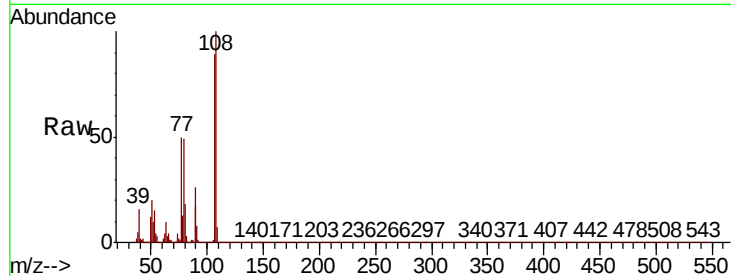
ClientSampleId :

PB125109BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	89.8	134.6	
77	56.4	41.4	62.2	
79	54.8	40.6	61.0	

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12/4/2019 5:00:50 PM



#18

Hexachloroethane

Concen: 43.759 ng

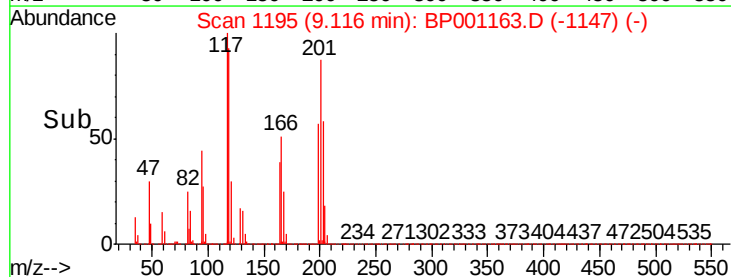
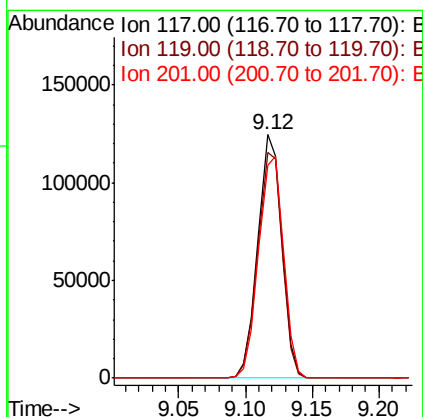
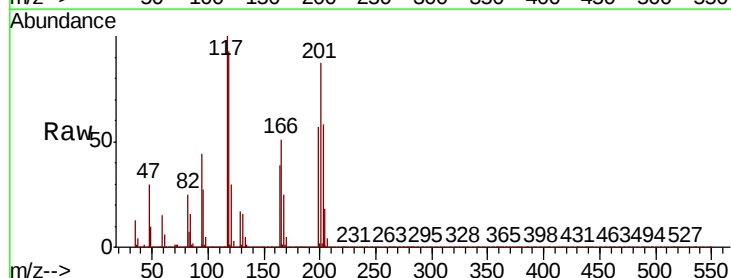
RT: 9.12 min Scan# 1195

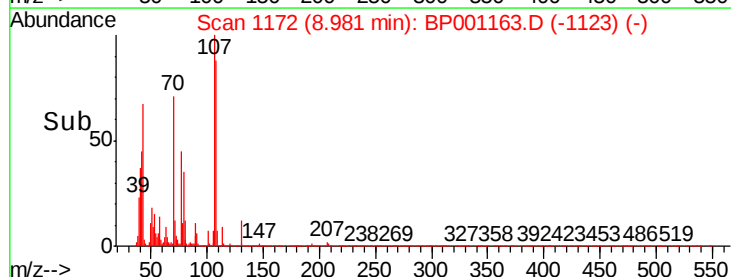
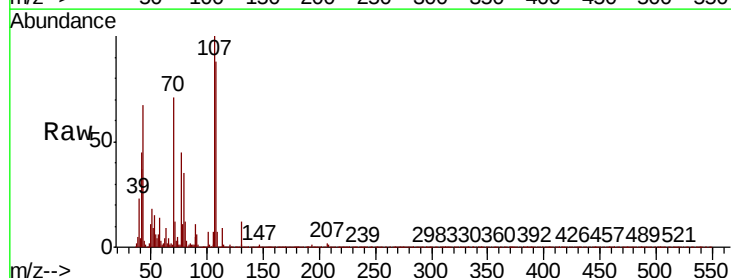
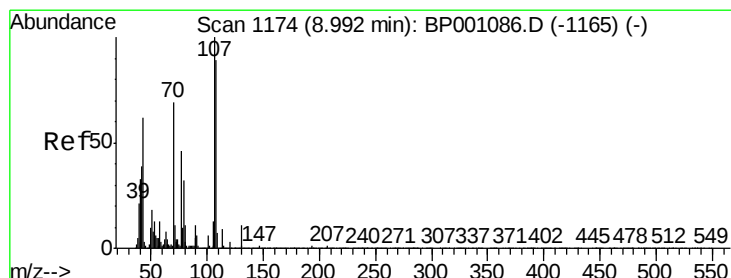
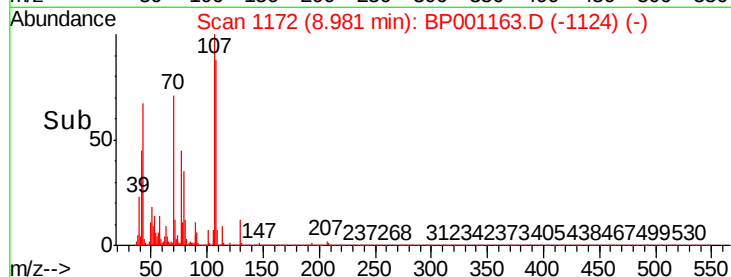
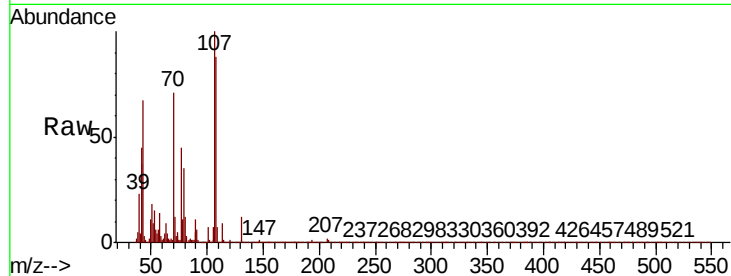
Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

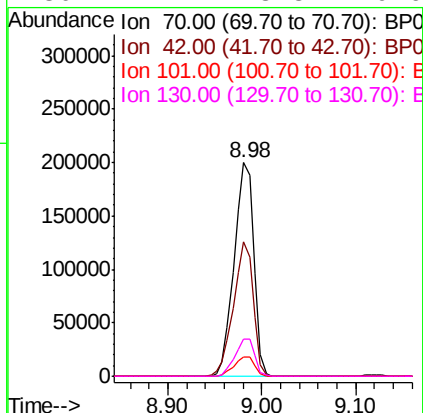
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.6	75.2	112.8	
201	87.3	72.5	108.7	





#19
n-Nitroso-di-n-propylamine
Concen: 44.025 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.7	44.6	66.8		
101	9.3	7.1	10.7		
130	17.4	13.8	20.6		



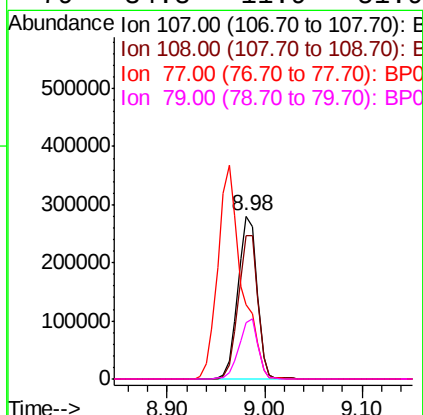
Instrument :
BNA_P
ClientSampleId :
PB125109BSD

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APPROVED

mohammad
12/4/2019 5:00:50 PM

#20
3+4-Methylphenols
Concen: 46.557 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.0	68.9	108.9		
77	45.4	25.9	65.9		
79	34.8	11.9	51.9		





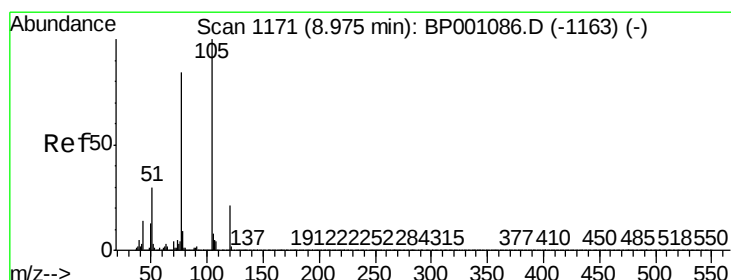
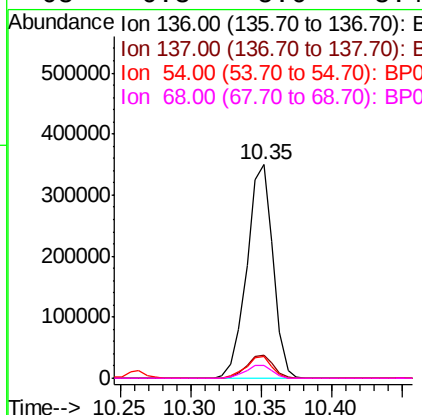
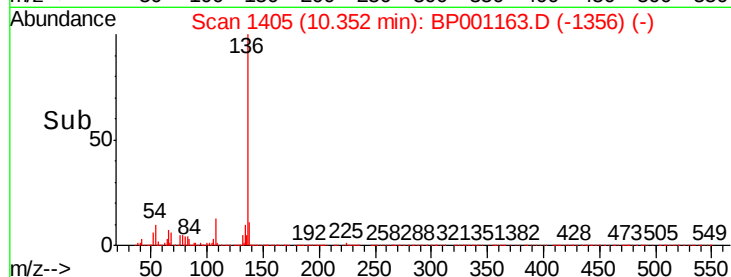
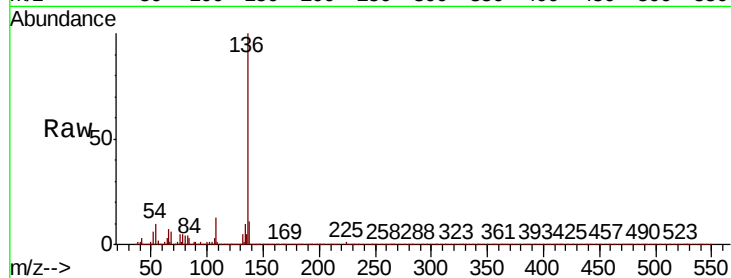
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.4	7.9	11.9
68	6.3	5.6	8.4

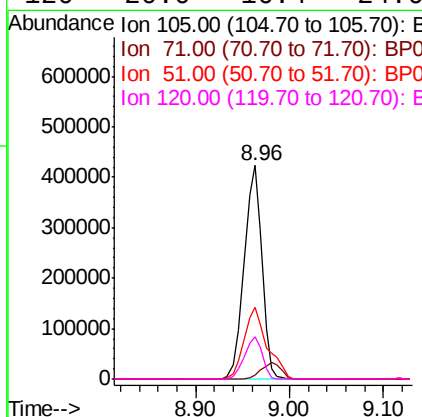
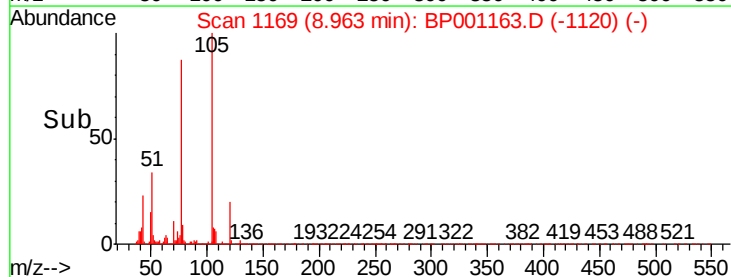
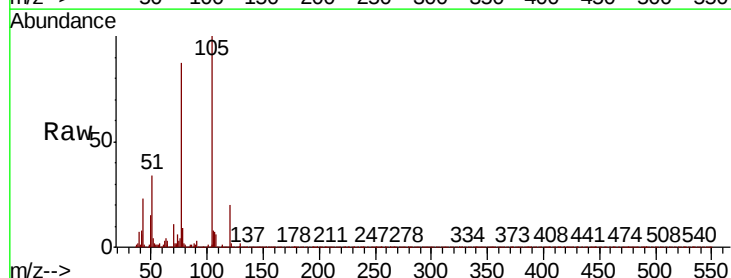
Manual Integrations
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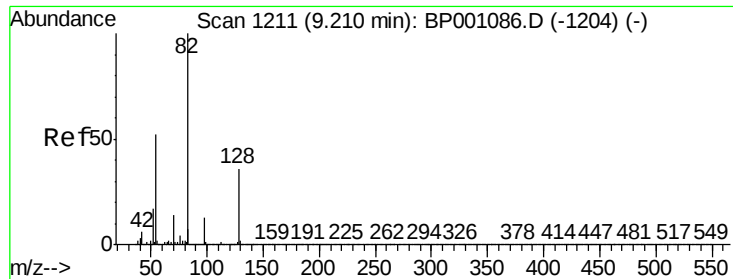
mohammad
12/4/2019 5:00:50 PM



#22
Acetophenone
Concen: 41.478 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.8	0.5	0.7#
51	33.7	24.2	36.4
120	20.0	16.4	24.6





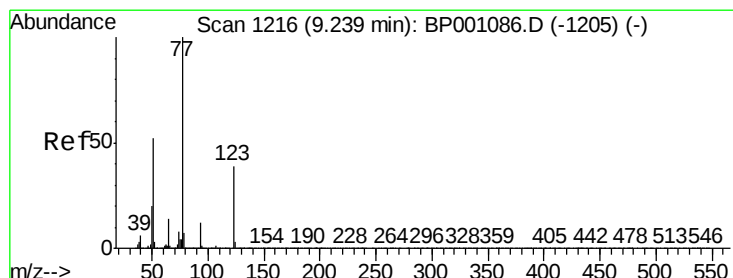
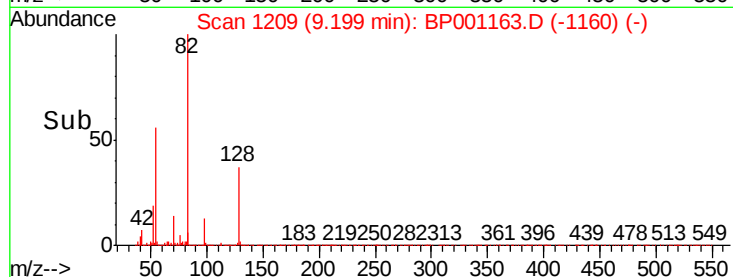
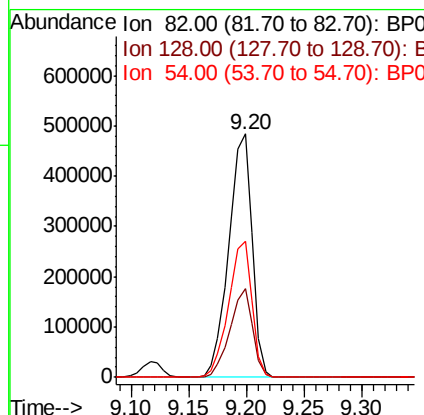
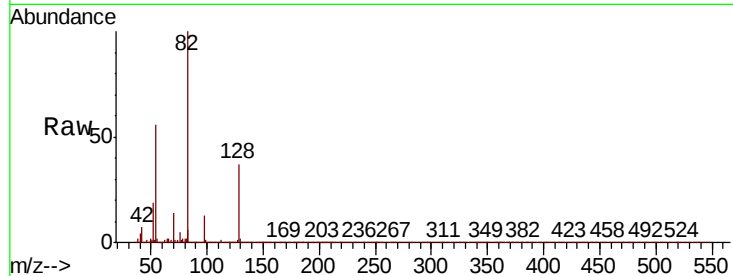
#23
Nitrobenzene-d5
Concen: 64.984 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.9	43.3
54	56.0	41.9	62.9

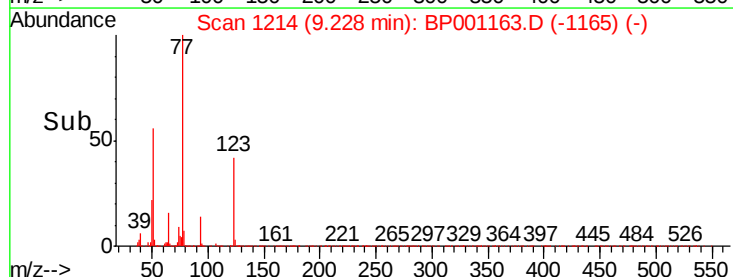
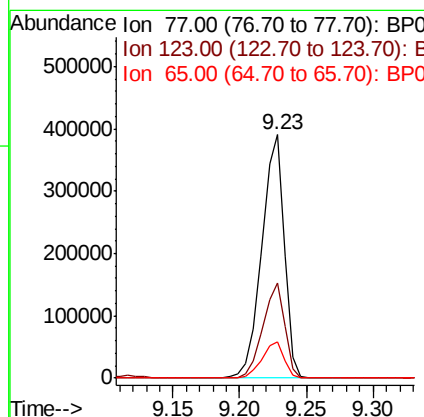
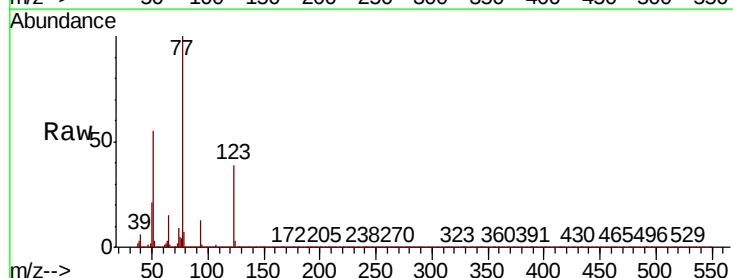
Manual Integrations
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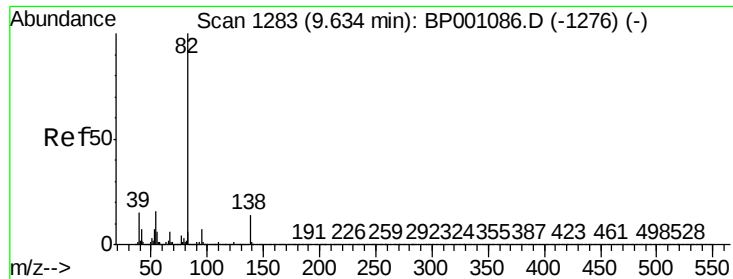
mohammad
12/4/2019 5:00:50 PM



#24
Nitrobenzene
Concen: 43.397 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.8	31.0	46.4
65	14.9	11.0	16.6





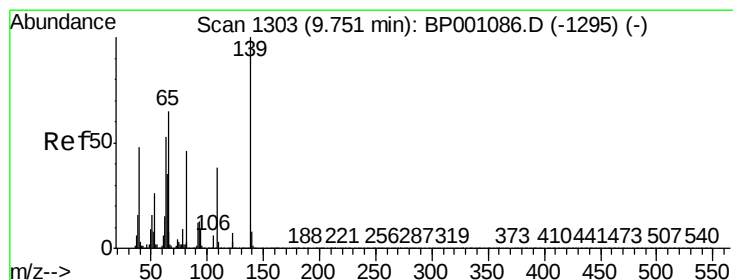
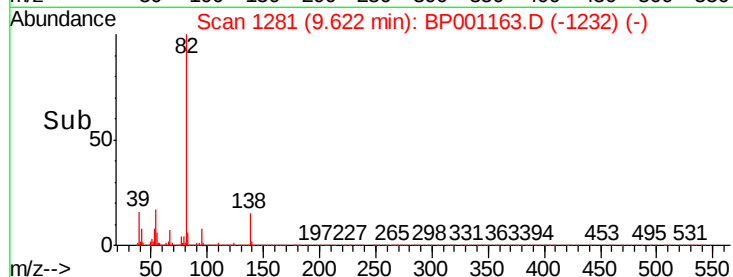
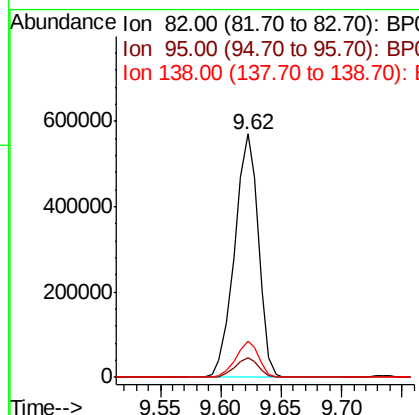
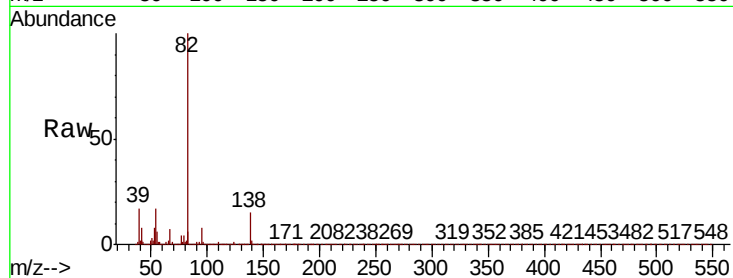
#25
Isophorone
Concen: 41.953 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.7	8.5
138	14.8	11.3	16.9

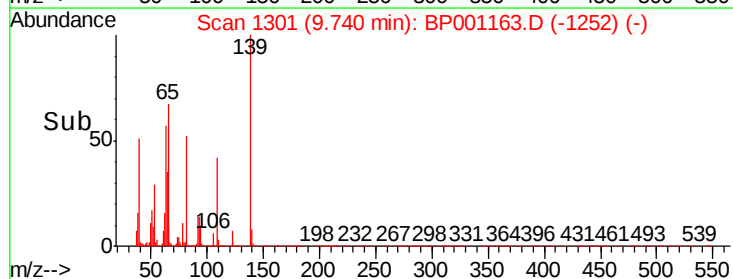
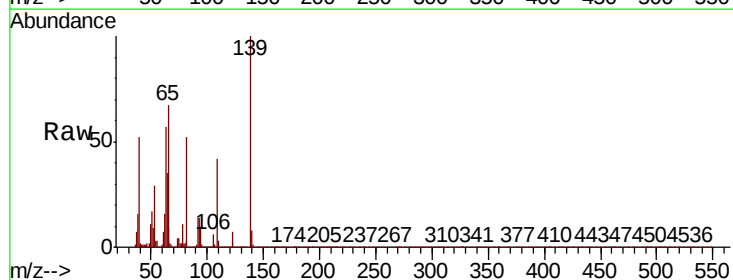
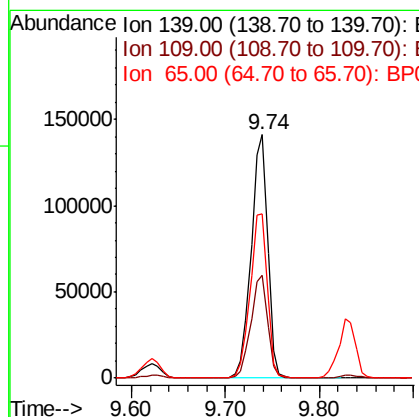
Manual Integrations
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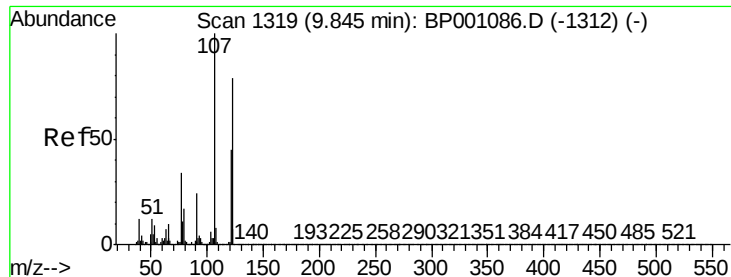
mohammad
12/4/2019 5:00:50 PM



#26
2-Nitrophenol
Concen: 45.316 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
139	100		
109	42.0	30.6	45.8
65	67.4	51.8	77.8





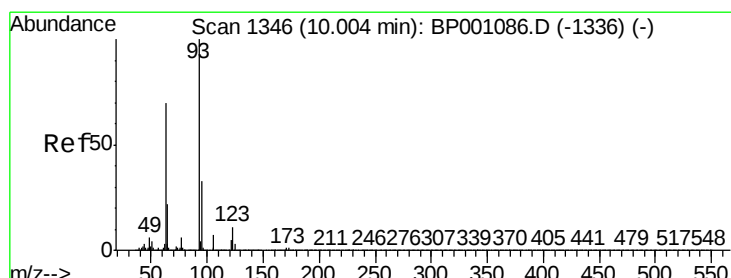
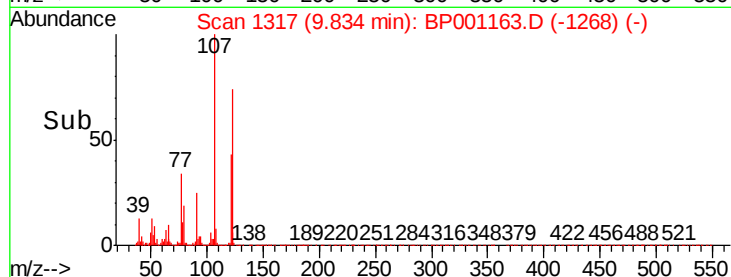
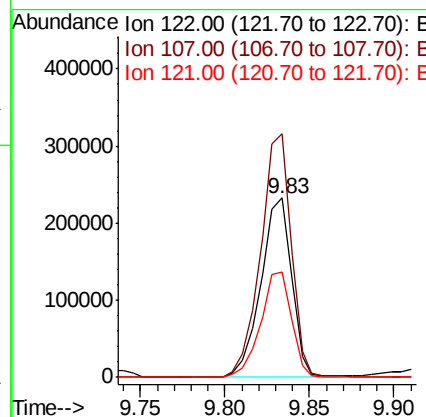
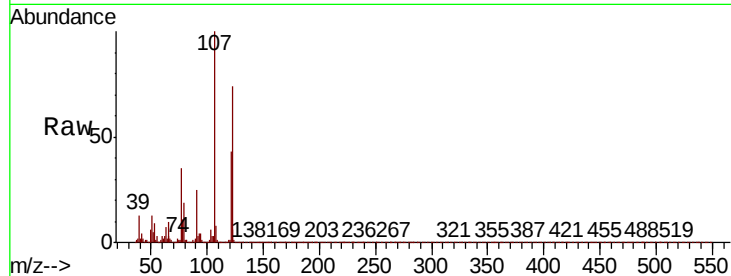
#27
2,4-Dimethylphenol
Concen: 49.144 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	295699		
107	135.8	101.9	152.9	
121	58.6	46.1	69.1	

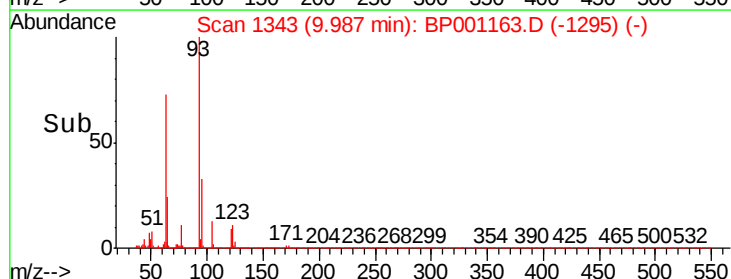
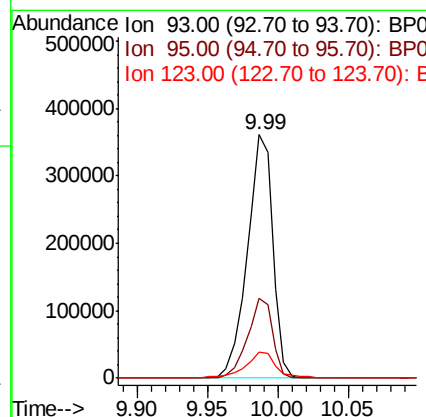
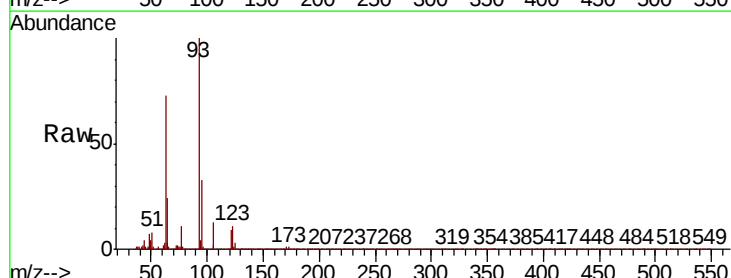
Manual Integrations
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mohammad
12/4/2019 5:00:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 38.586 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	452766		
95	32.6	26.0	39.0	
123	10.6	8.9	13.3	





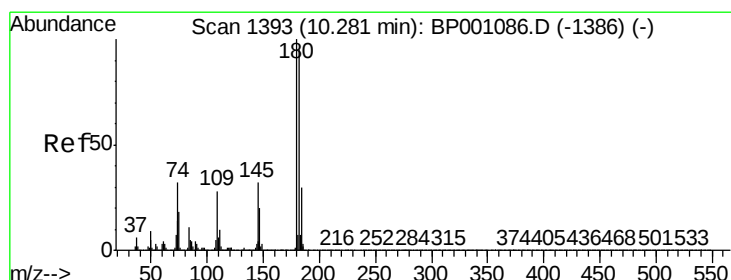
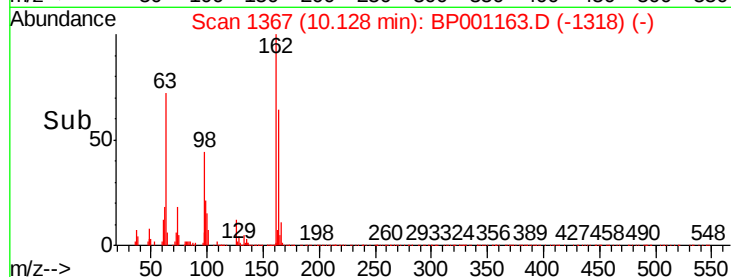
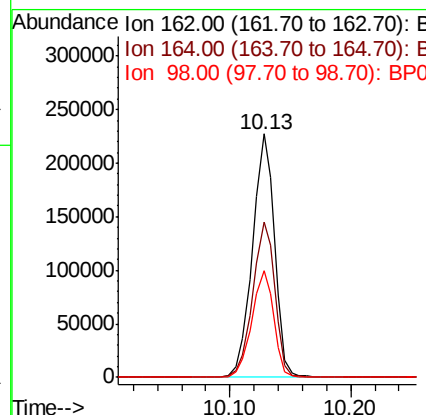
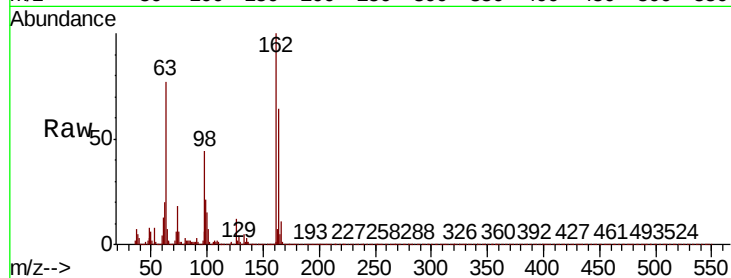
#29
2,4-Dichlorophenol
Concen: 42.551 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.6	45.1	85.1
98	43.8	23.4	63.4

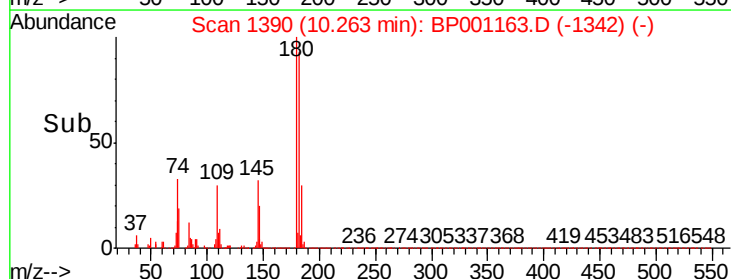
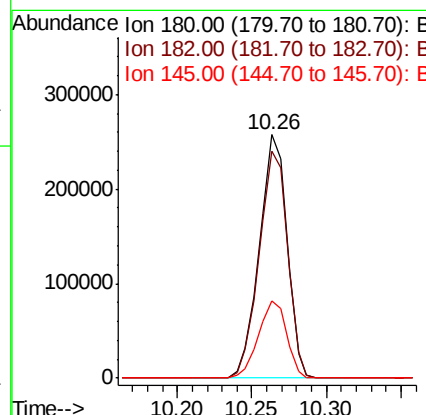
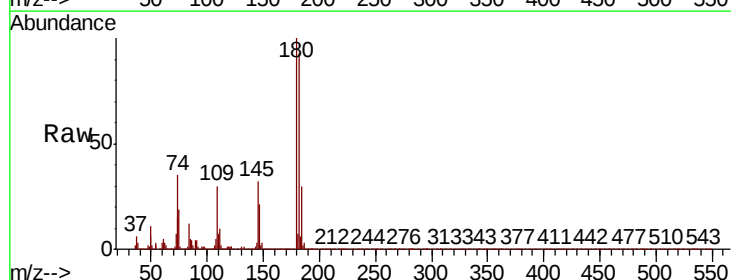
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12/4/2019 5:00:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.146 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.1	76.3	114.5
145	31.8	25.4	38.2





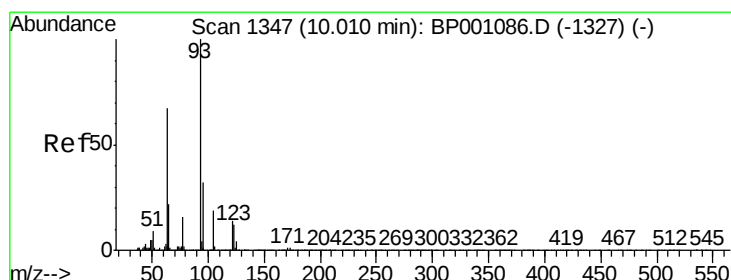
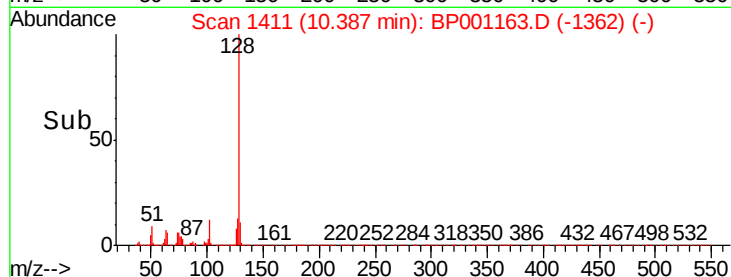
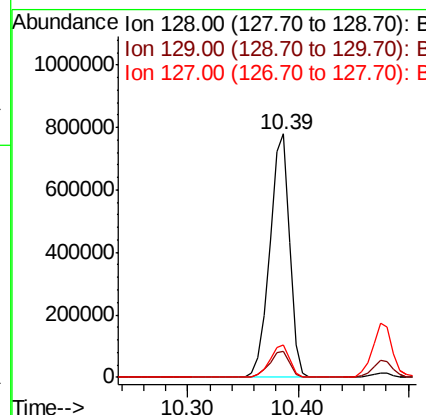
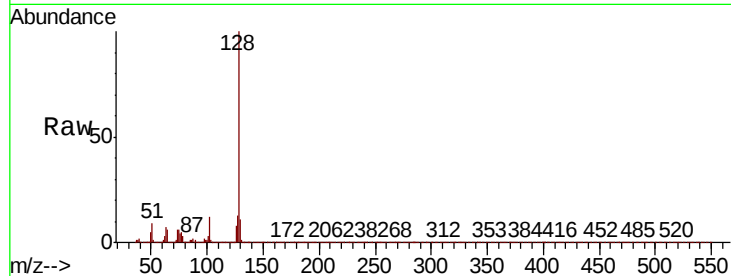
#31
Naphthalene
Concen: 42.345 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	8.8	13.2	
127	13.1	10.6	16.0	

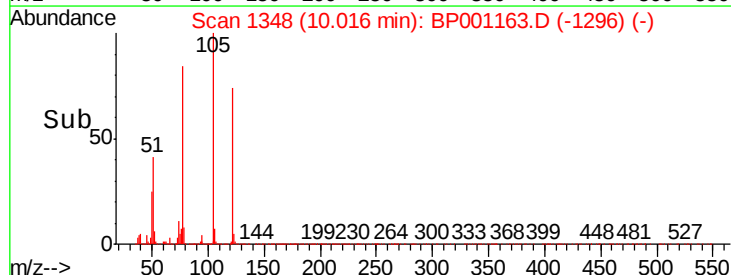
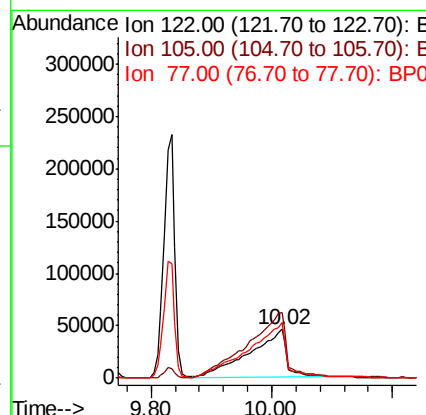
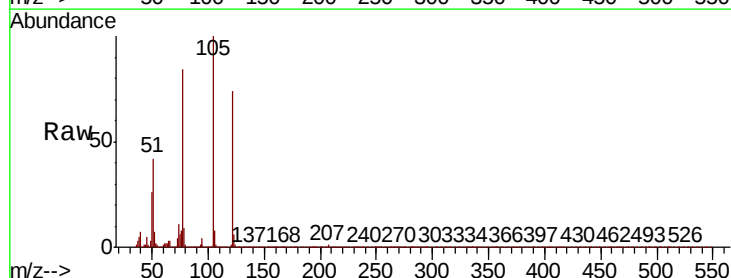
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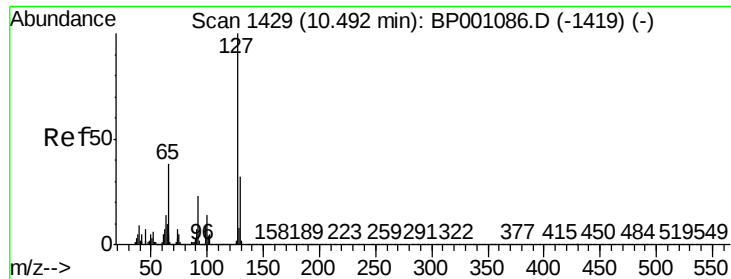
mohammad
12/4/2019 5:00:50 PM



#32
Benzoic acid
Concen: 45.108 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	134.6	116.8	156.8	
77	113.3	95.0	135.0	





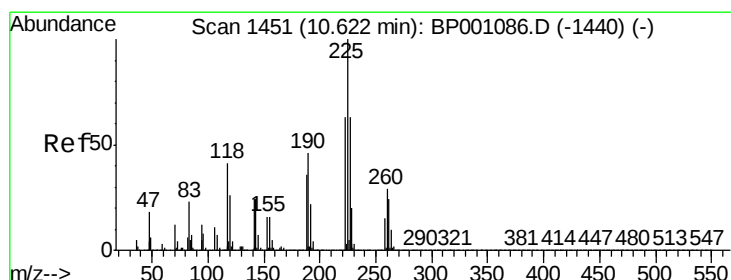
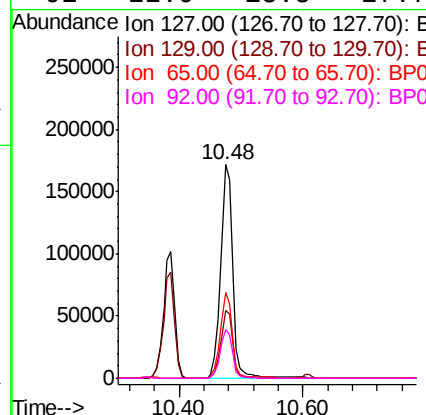
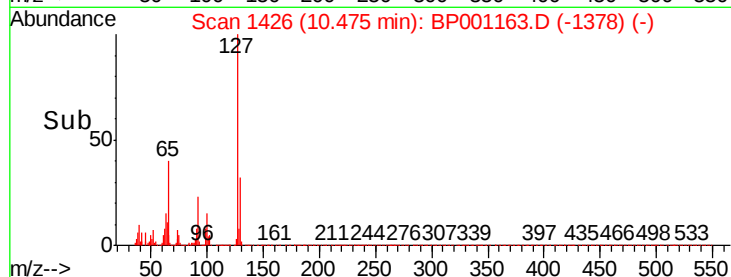
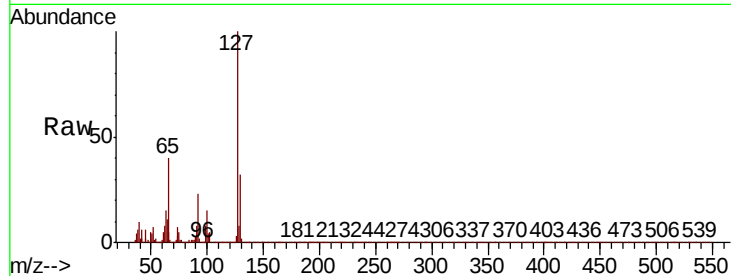
#33
4-Chloroaniline
Concen: 22.724 ng
RT: 10.48 min Scan# 1426
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	25.5	38.3		
65	40.4	30.6	46.0		
92	22.9	18.5	27.7		

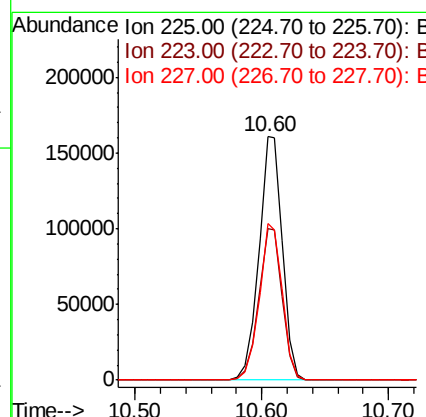
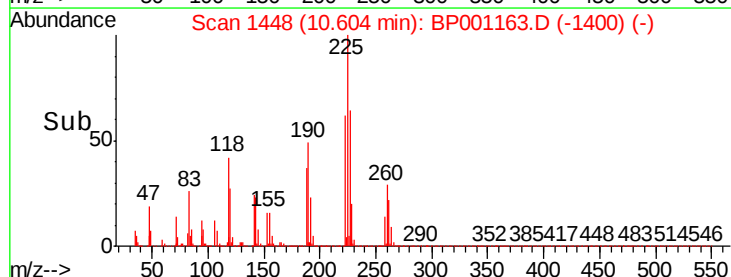
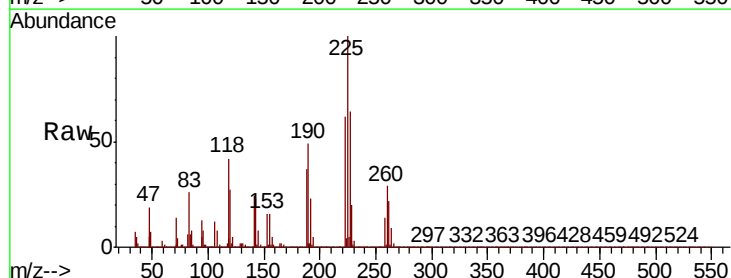
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#34
Hexachlorobutadiene
Concen: 41.131 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	50.0	75.0		
227	64.4	50.0	75.0		





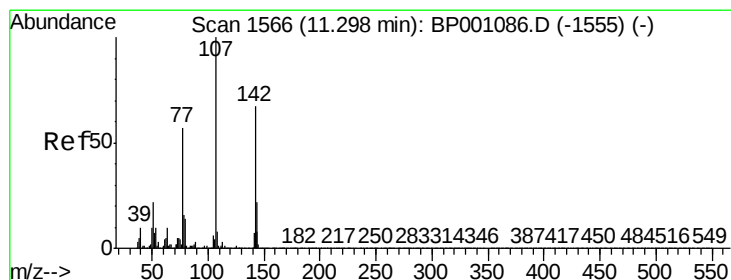
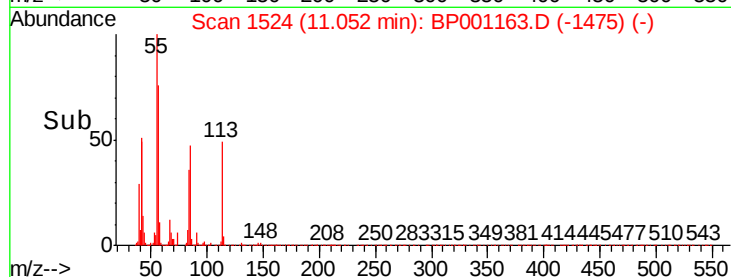
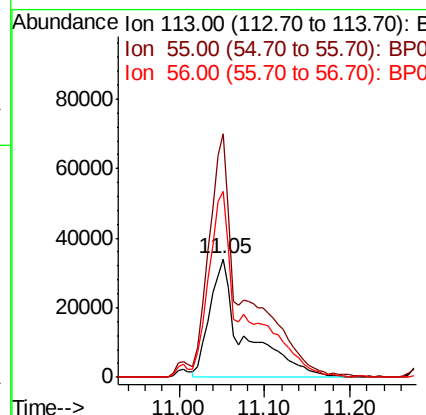
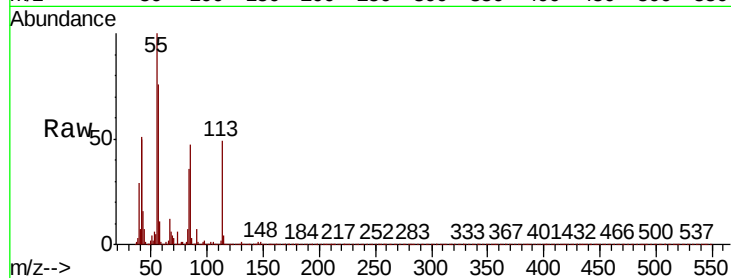
#35
Caprolactam
Concen: 40.403 ng/ml
RT: 11.05 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleID :
PB125109BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	205.8	181.2	221.2		
56	156.9	134.7	174.7		

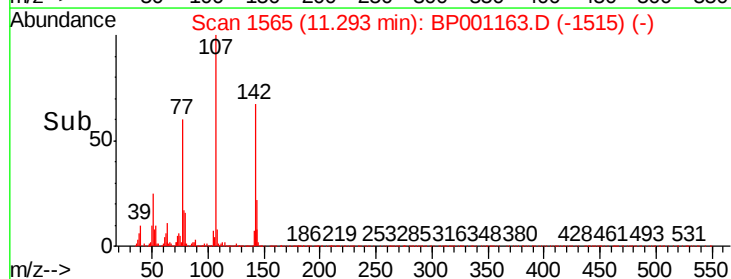
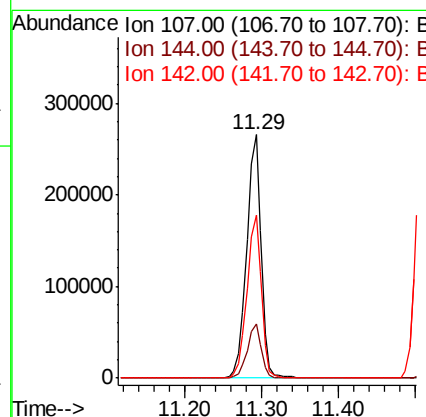
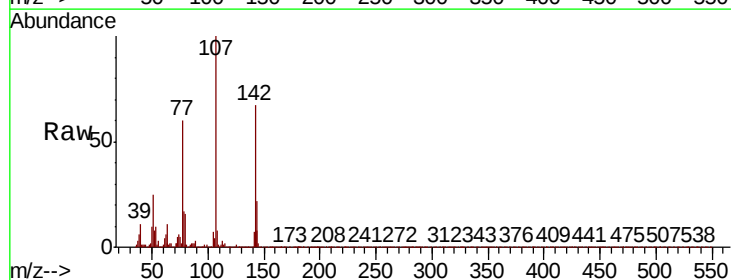
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APPROVED

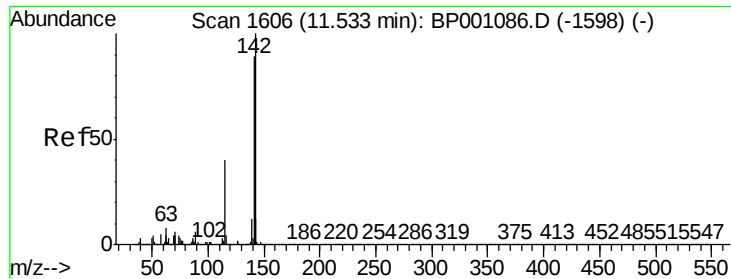
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.258 ng/ml
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.4	17.5	26.3		
142	66.8	53.3	79.9		





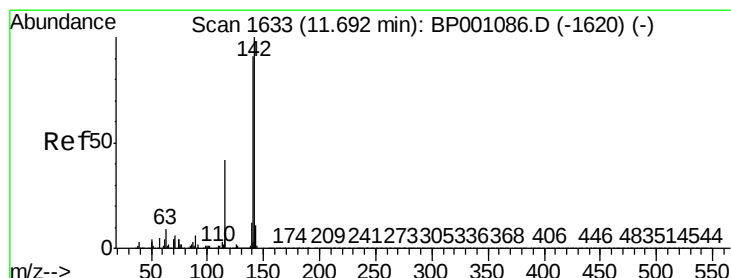
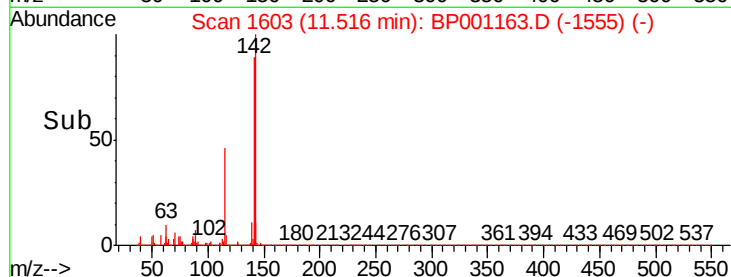
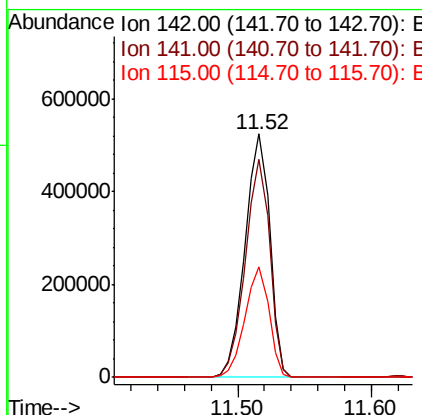
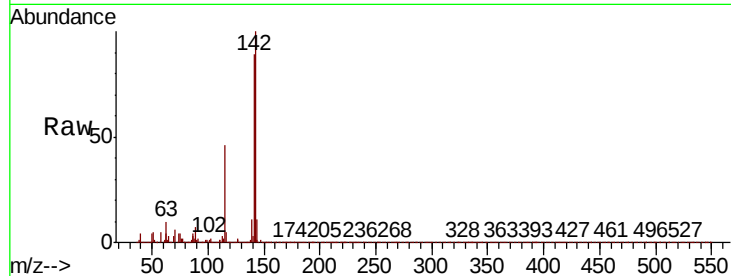
#37
2-Methylnaphthalene
Concen: 42.505 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.1	106.7
115	45.6	32.3	48.5

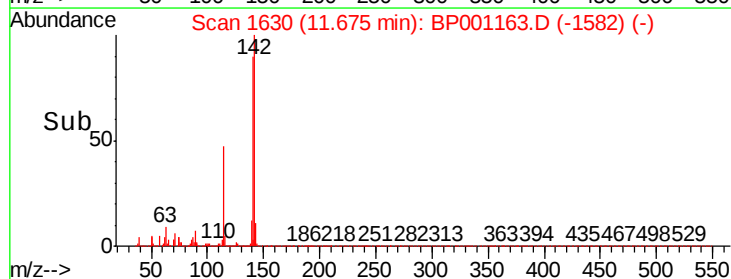
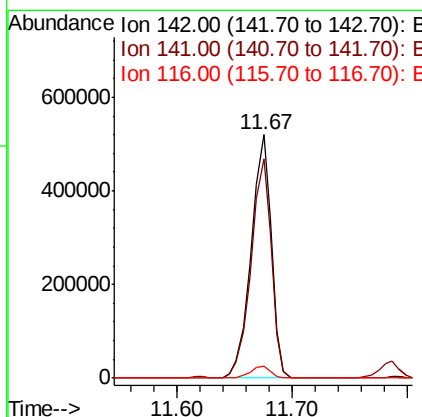
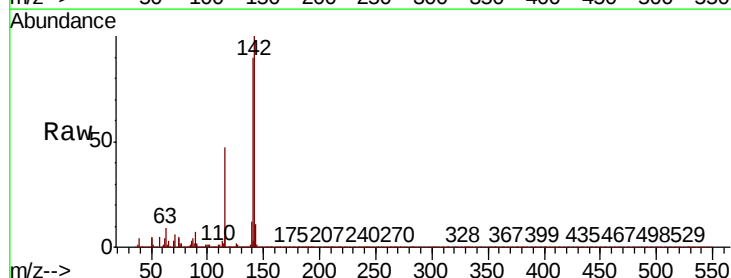
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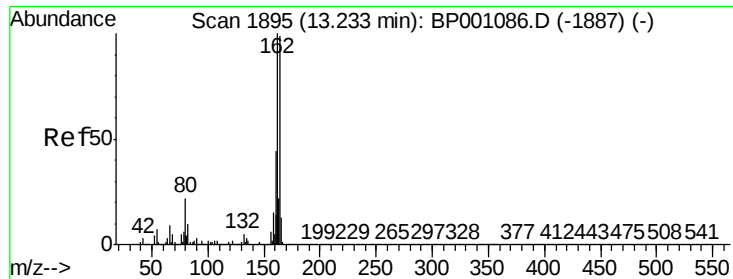
mohammad
12/4/2019 5:00:50 PM



#38
1-Methylnaphthalene
Concen: 42.383 ng
RT: 11.67 min Scan# 1630
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	73.0	109.4
116	4.8	3.4	5.2





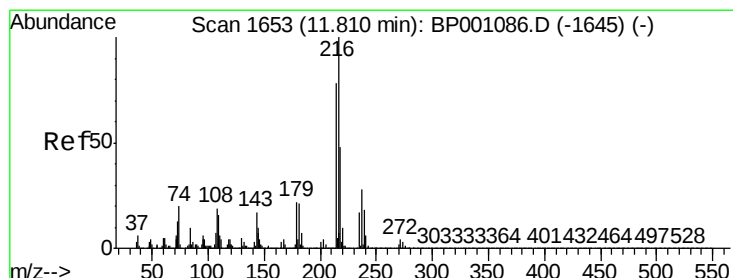
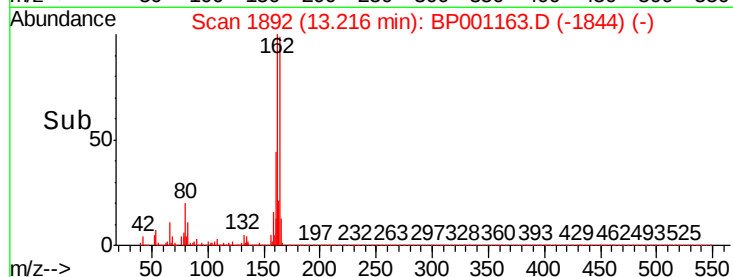
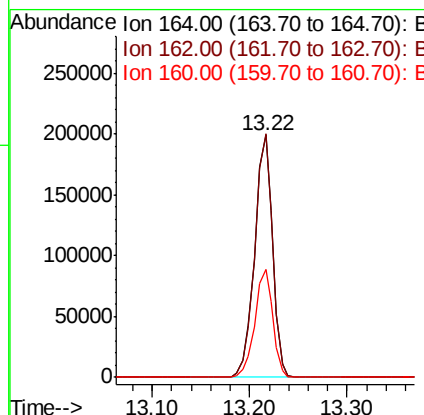
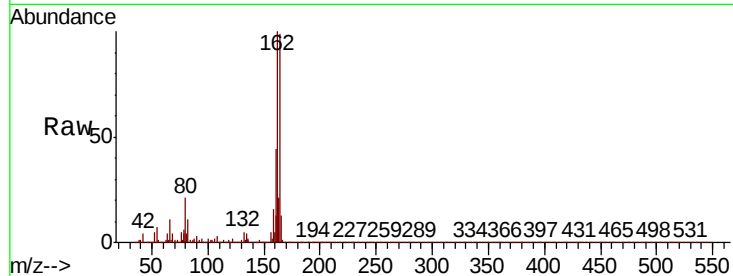
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.22 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.6	120.8
160	44.5	35.4	53.2

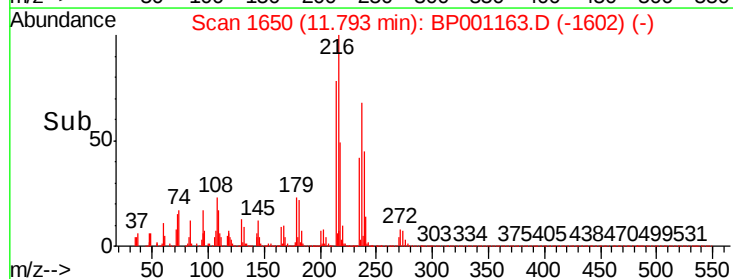
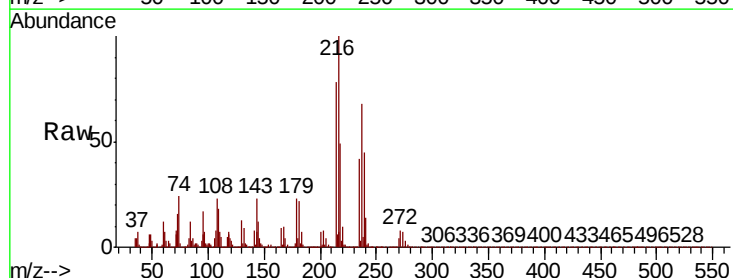
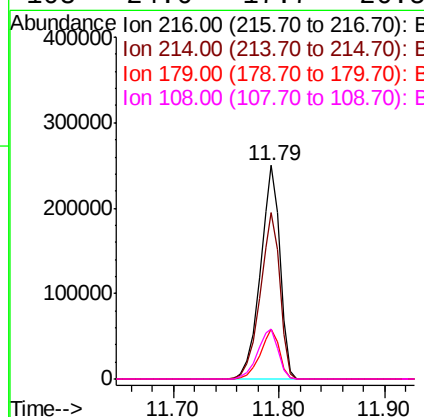
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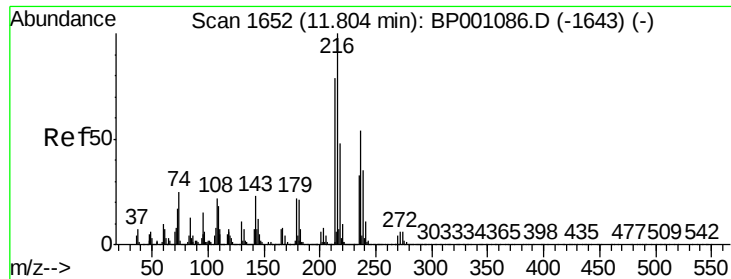
mohammad
12/4/2019 5:00:50 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.995 ng
RT: 11.79 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
179	22.5	17.6	26.4
108	24.6	17.7	26.5





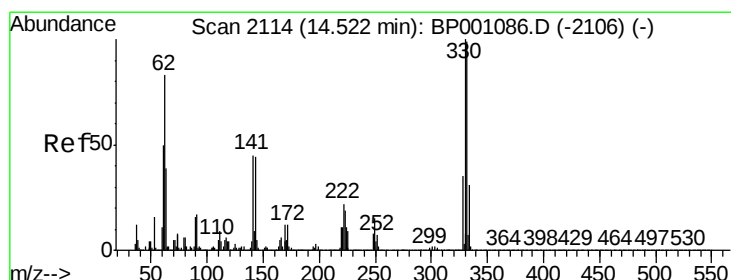
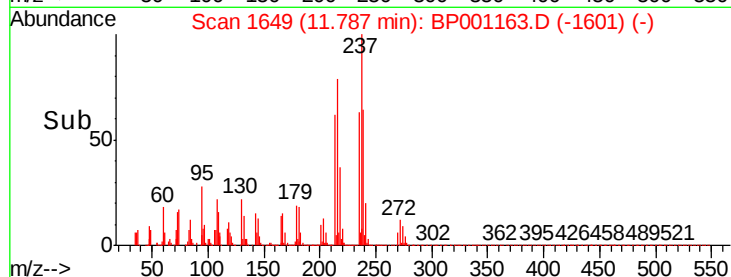
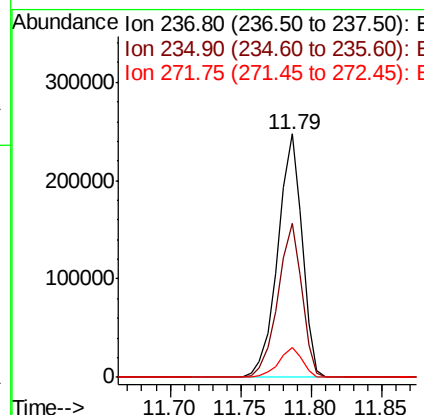
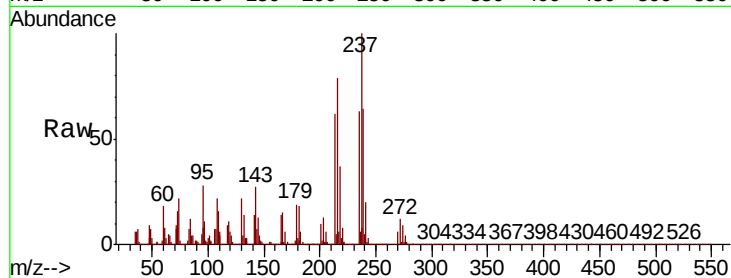
#41
Hexachlorocyclopentadiene
Concen: 79.348 ng
RT: 11.79 min Scan# 1649
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion:	237	Resp:	297388
Ion Ratio		Lower	Upper
237	100		
235	63.1	41.8	81.8
272	12.1	0.0	31.9

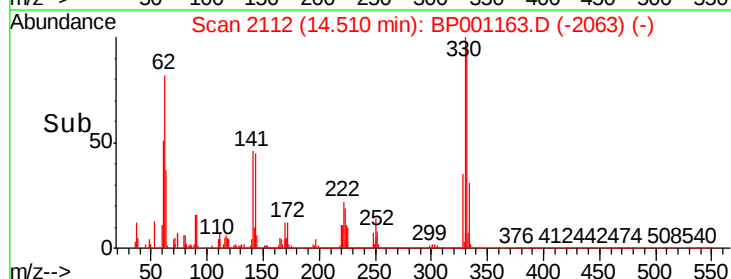
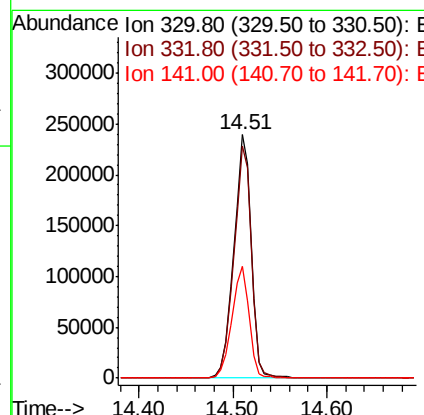
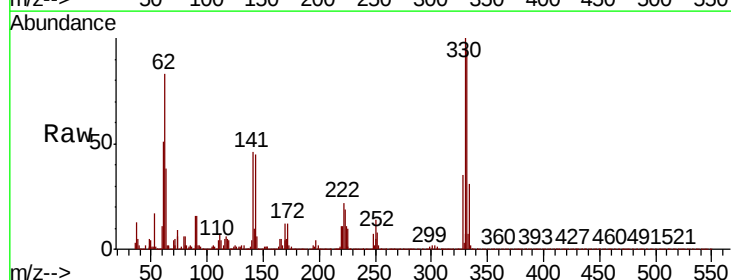
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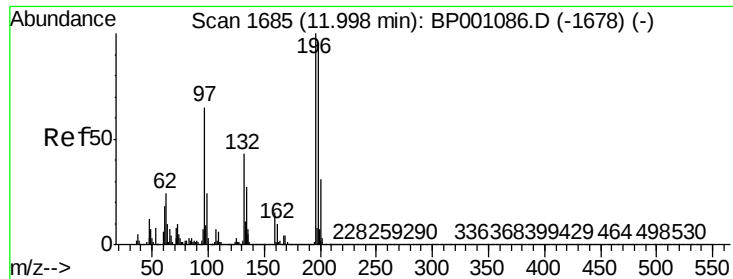
mohammad
12/4/2019 5:00:50 PM



#42
2,4,6-Tribromophenol
Concen: 124.393 ng
RT: 14.51 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion:	330	Resp:	307367
Ion Ratio		Lower	Upper
330	100		
332	96.5	77.6	116.4
141	45.6	34.2	51.2





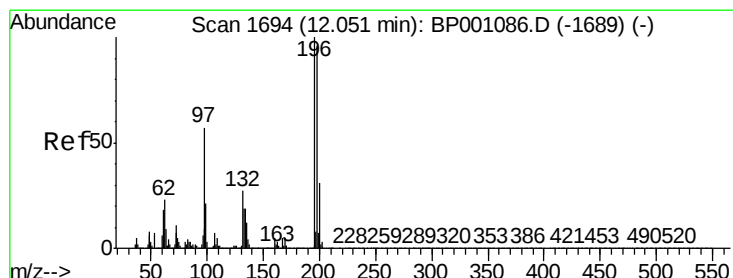
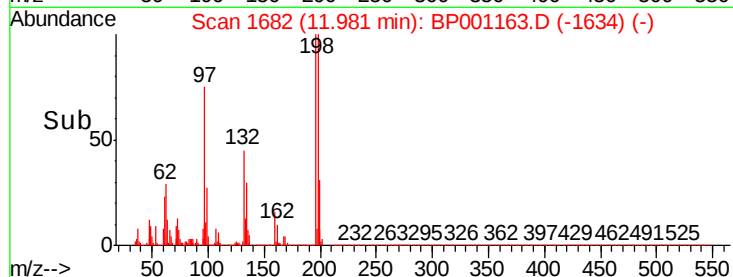
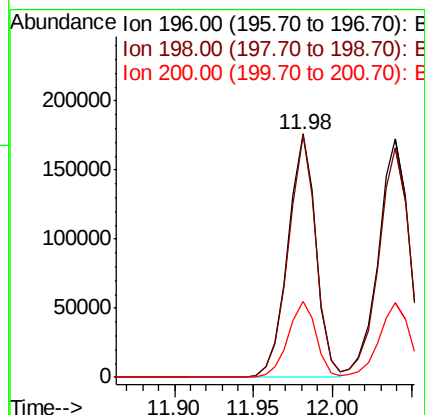
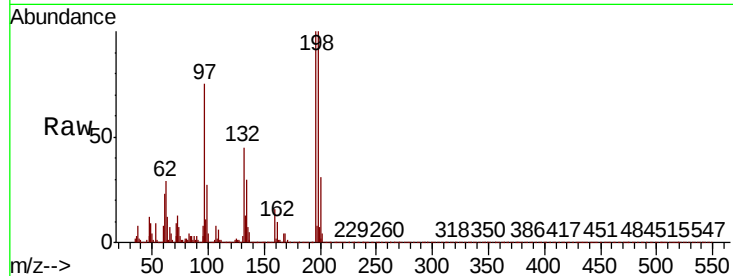
#43
2,4,6-Trichlorophenol
Concen: 40.785 ng
RT: 11.98 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	216345		
198	99.6	76.7	115.1	
200	31.4	24.7	37.1	

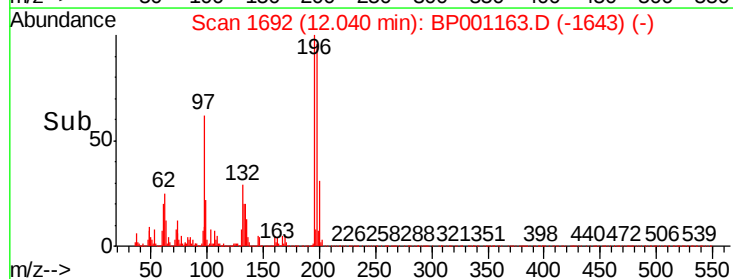
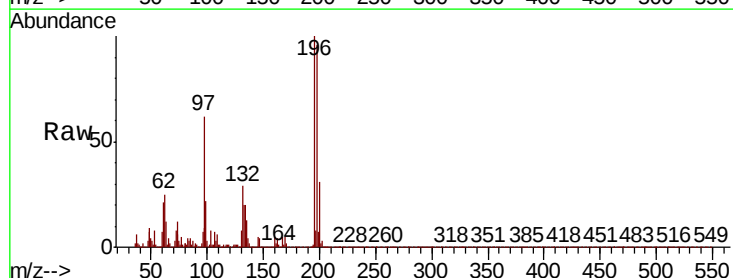
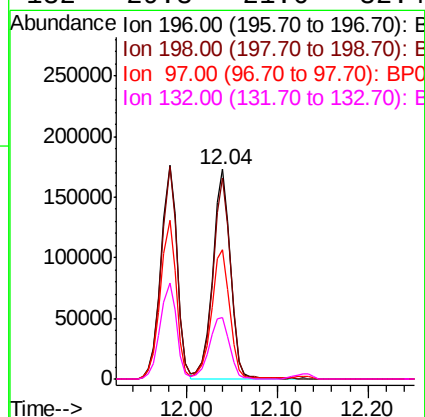
Manual Integrations
APPROVED

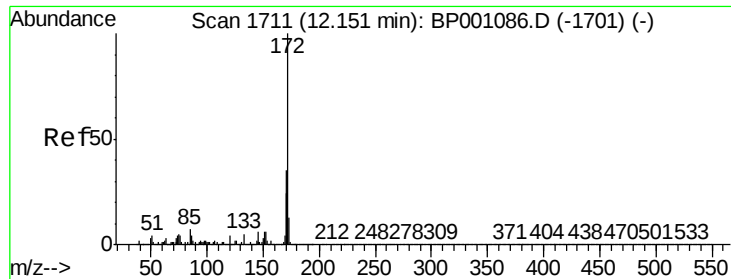
mohammad
12/4/2019 5:00:50 PM



#44
2,4,5-Trichlorophenol
Concen: 42.790 ng
RT: 12.04 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	235181		
198	96.0	76.8	115.2	
97	61.8	46.1	69.1	
132	29.3	21.6	32.4	





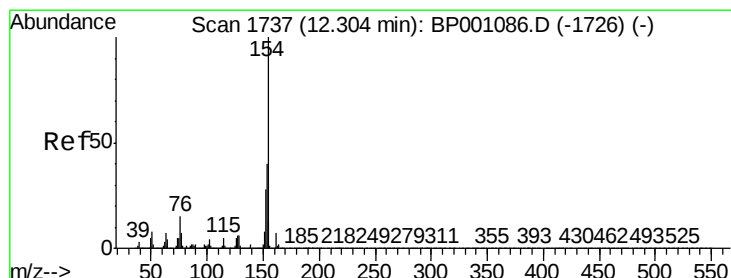
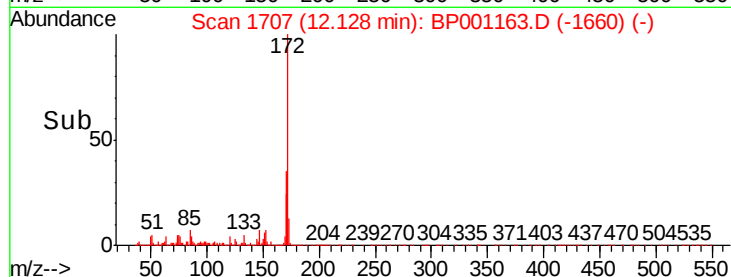
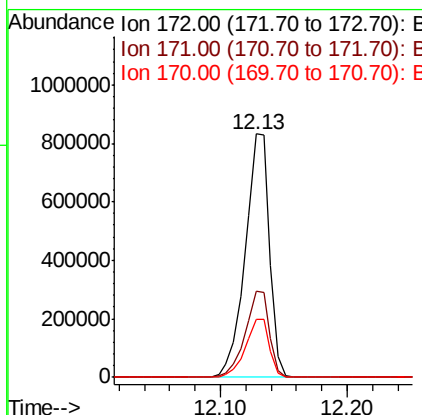
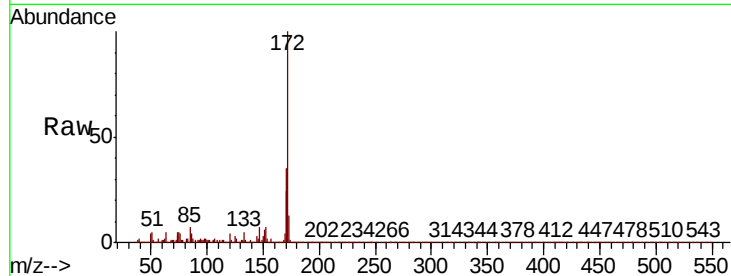
#45
2-Fluorobiphenyl
Concen: 62.640 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.9	41.9
170	23.8	19.0	28.4

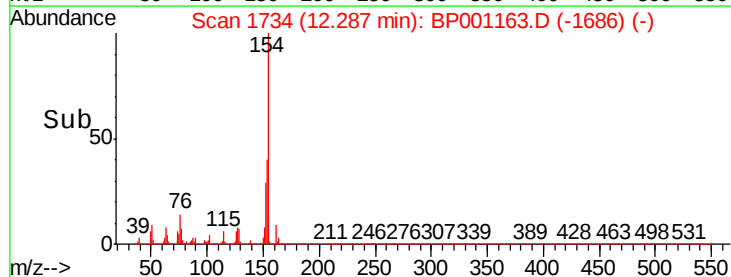
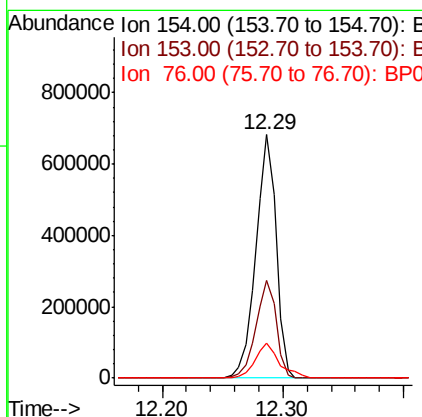
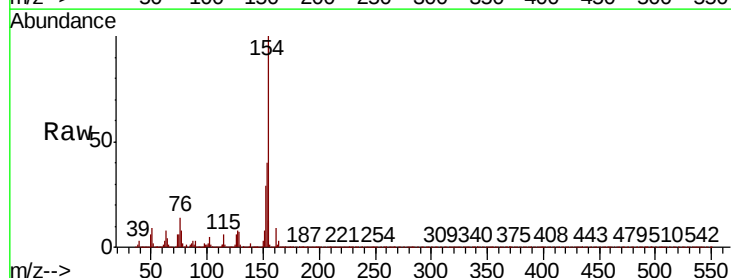
Manual Integrations
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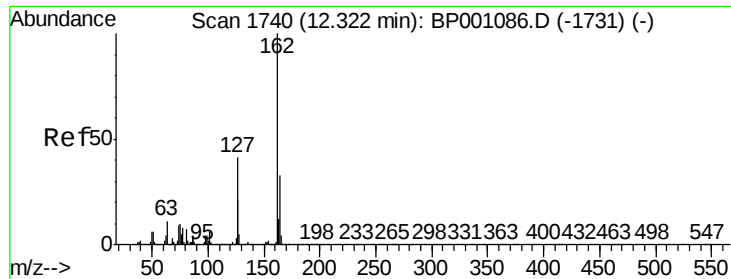
mohammad
12/4/2019 5:00:50 PM



#46
1,1'-Biphenyl
Concen: 40.270 ng
RT: 12.29 min Scan# 1734
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.2	60.2
76	14.3	0.0	34.5





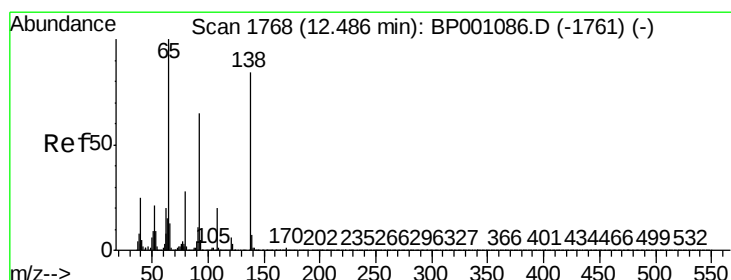
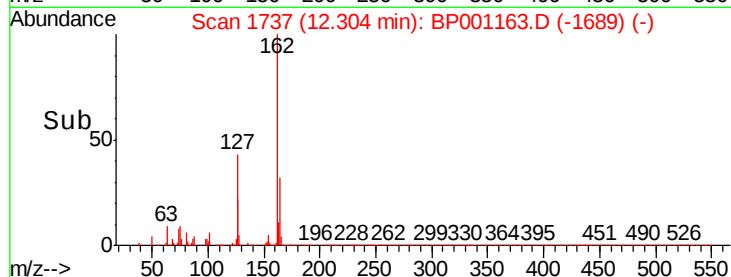
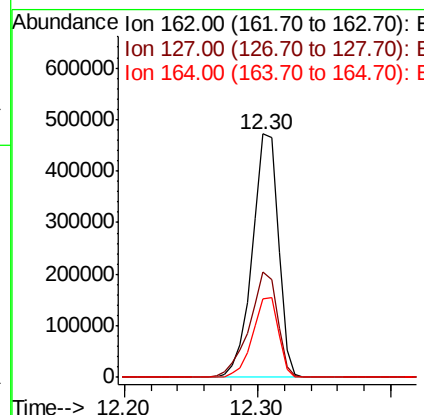
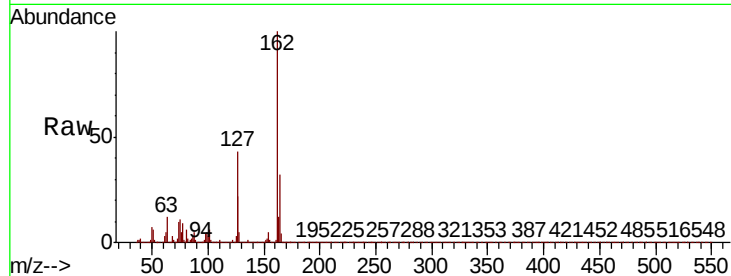
#47
2-Chloronaphthalene
Concen: 39.528 ng
RT: 12.30 min Scan# 1737
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.4	33.0	49.6
164	32.1	26.7	40.1

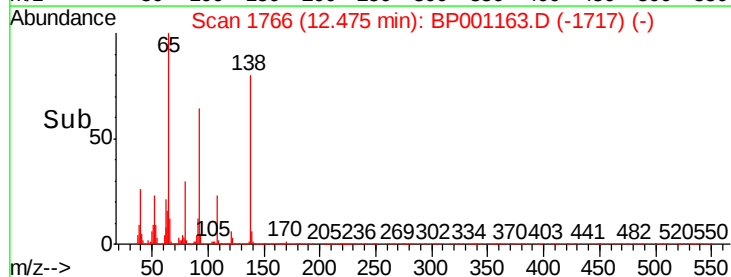
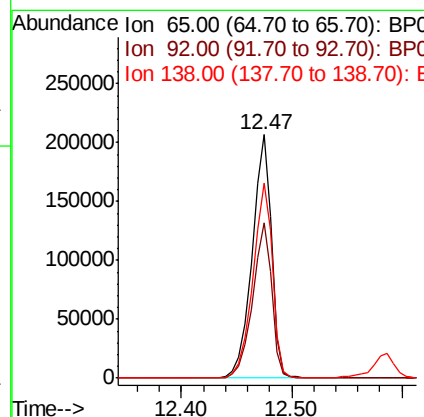
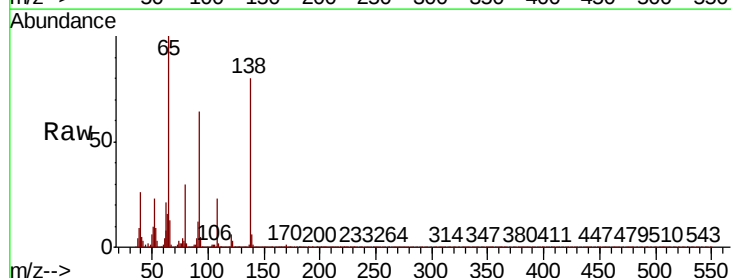
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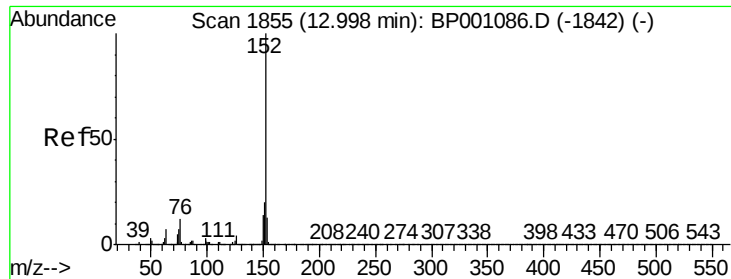
mohammad
12/4/2019 5:00:50 PM



#48
2-Nitroaniline
Concen: 40.879 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.9	51.6	77.4
138	80.0	67.3	100.9





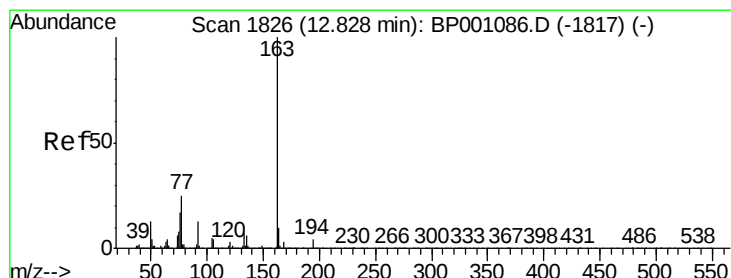
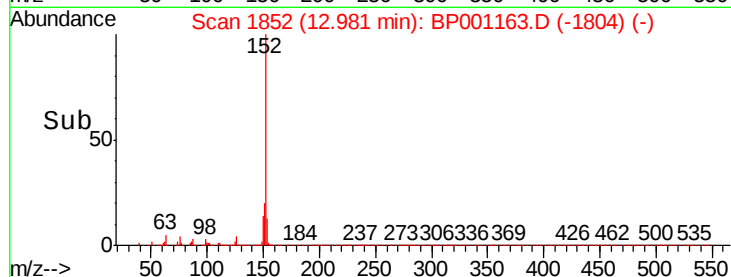
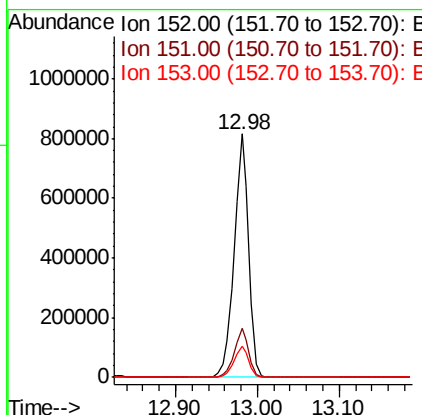
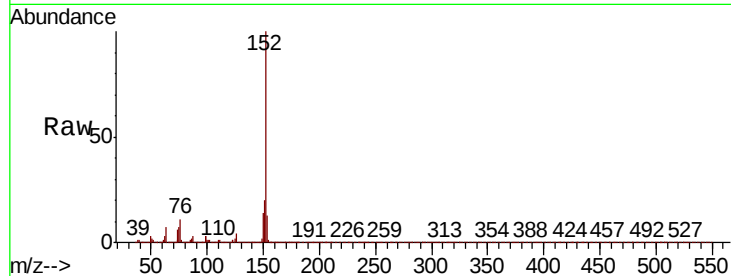
#49
Acenaphthylene
Concen: 41.811 ng
RT: 12.98 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleID :
PB125109BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		997389		
151	20.1	15.8	23.8		
153	13.1	10.2	15.4		

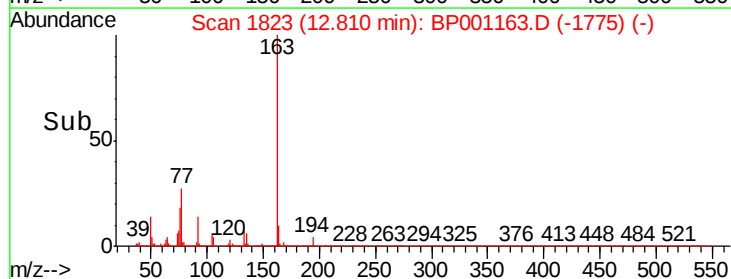
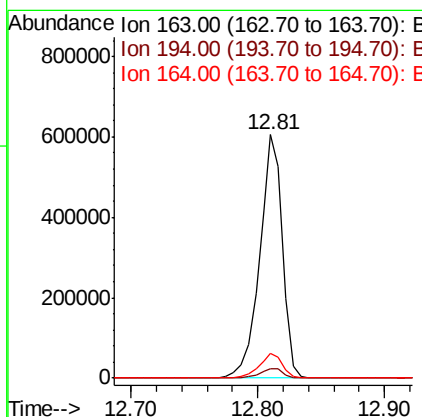
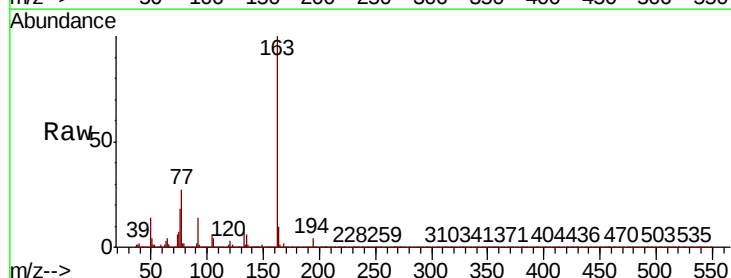
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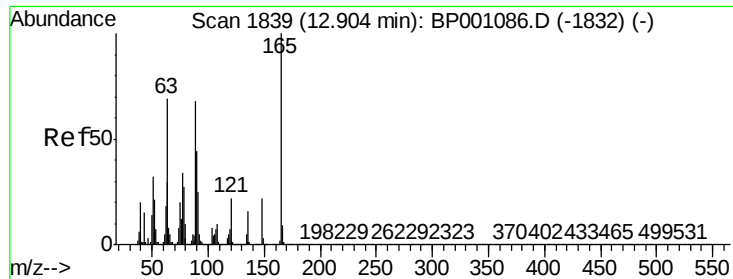
mohammad
12/4/2019 5:00:50 PM



#50
Dimethylphthalate
Concen: 39.122 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		754280		
194	3.7	3.1	4.7		
164	10.2	8.1	12.1		





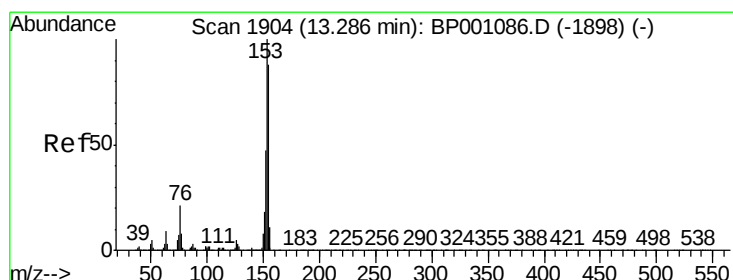
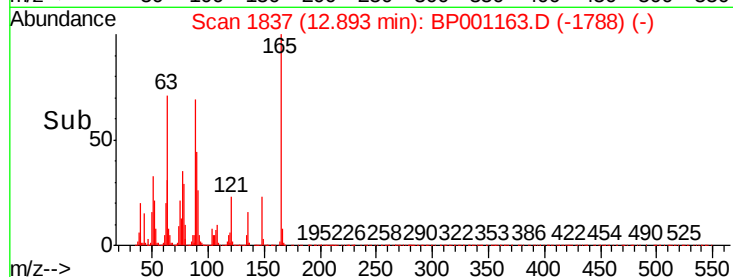
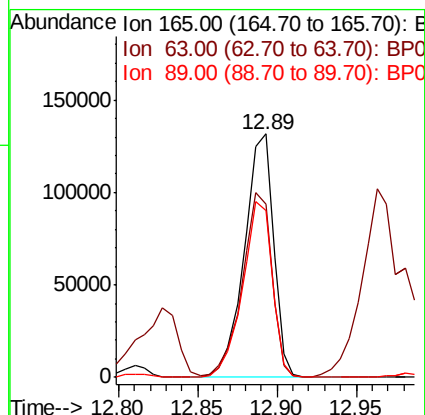
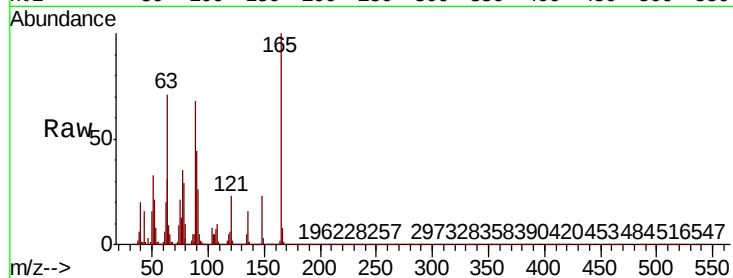
#51
2,6-Dinitrotoluene
Concen: 40.840 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	71.1	55.6	83.4
89	68.5	54.1	81.1

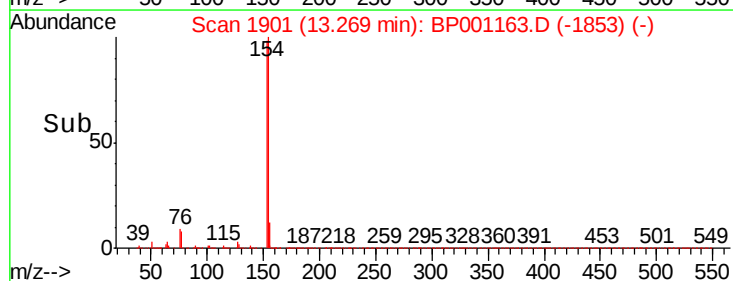
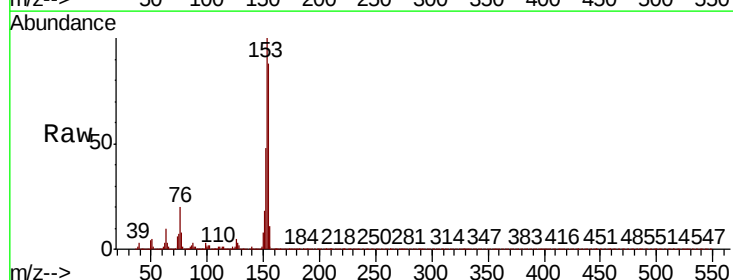
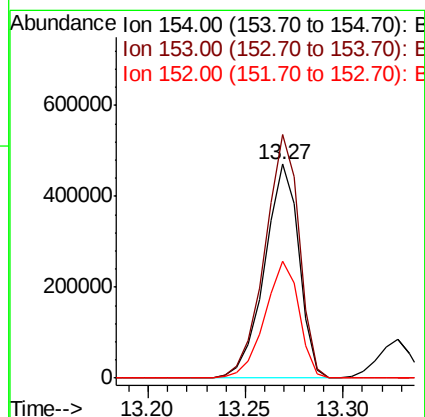
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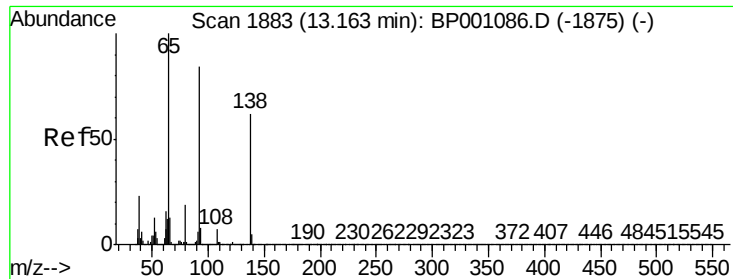
mohammad
12/4/2019 5:00:50 PM



#52
Acenaphthene
Concen: 40.067 ng
RT: 13.27 min Scan# 1901
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.9	90.5	135.7
152	54.7	42.6	64.0





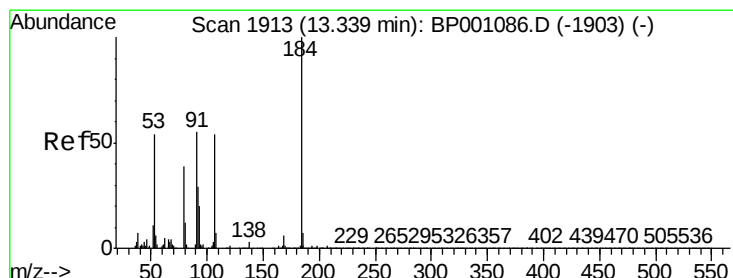
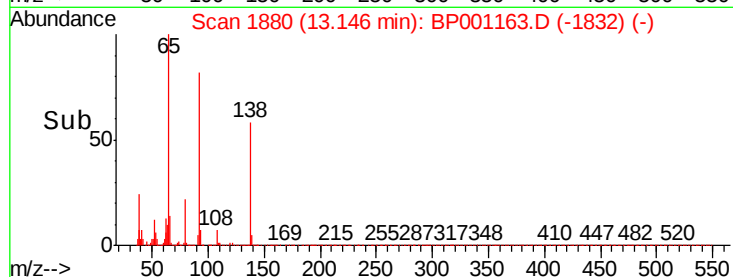
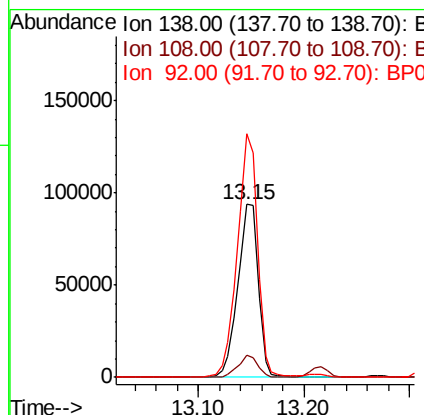
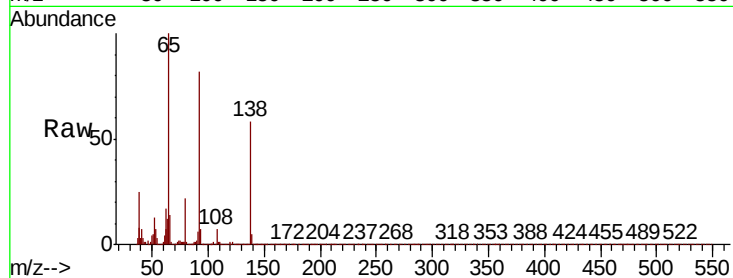
#53
3-Nitroaniline
Concen: 27.009 ng
RT: 13.15 min Scan# 1880
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	9.2	13.8
92	140.7	107.8	161.6

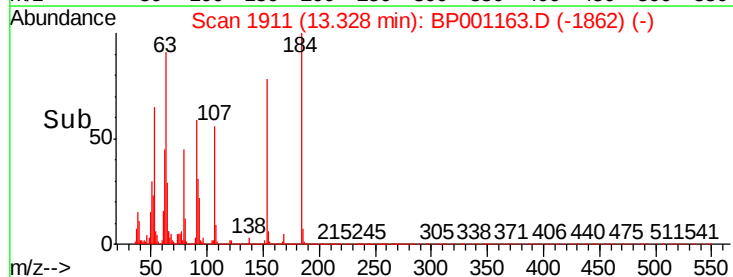
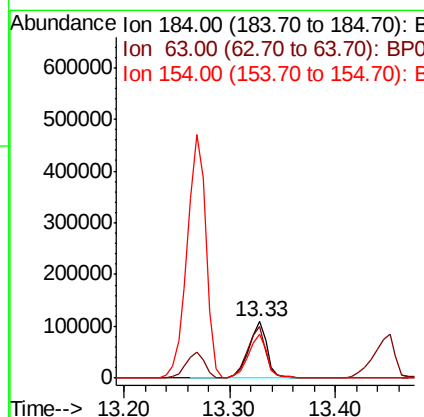
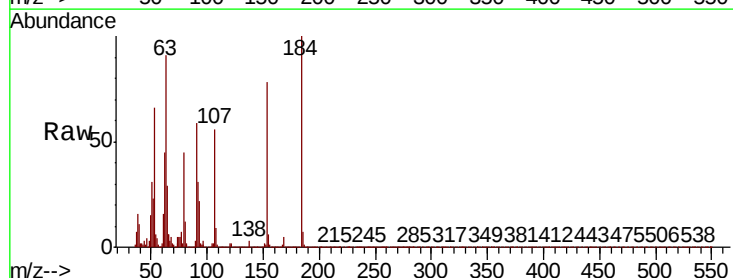
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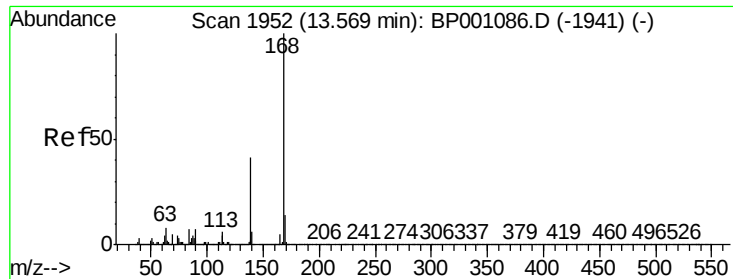
mohammad
12/4/2019 5:00:50 PM



#54
2,4-Dinitrophenol
Concen: 78.189 ng
RT: 13.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
184	100		
63	91.5	60.7	91.1#
154	78.0	56.2	84.2





#55

Dibenzofuran

Concen: 41.349 ng

RT: 13.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

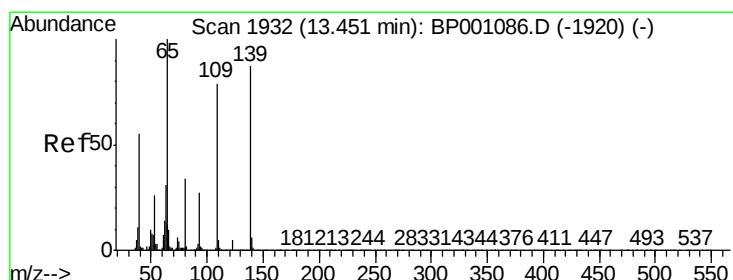
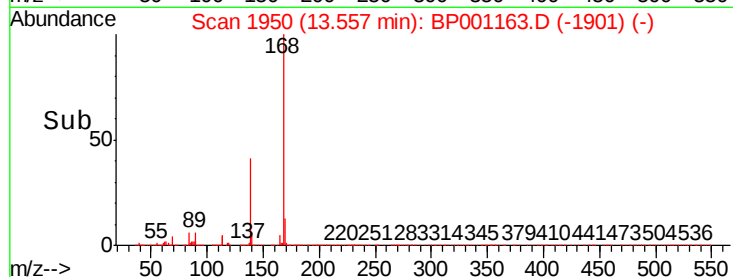
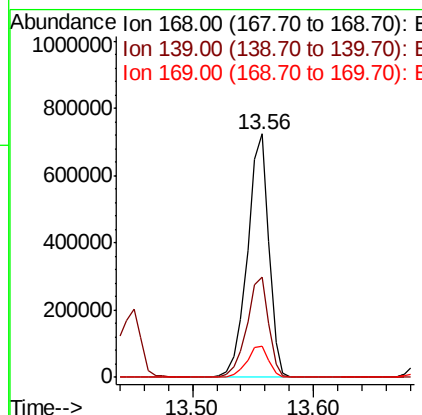
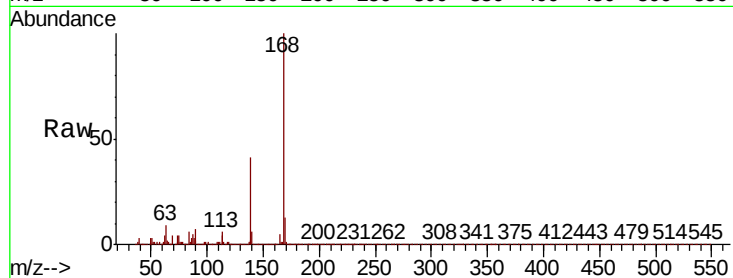
ClientSampleId :

PB125109BSD

Tot Ion:	168	Resp:	891589
Ion Ratio	Lower	Upper	
168	100		
139	41.4	32.8	49.2
169	12.9	10.9	16.3

Manual Integrations
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12/4/2019 5:00:50 PM



#56

4-Nitrophenol

Concen: 86.753 ng

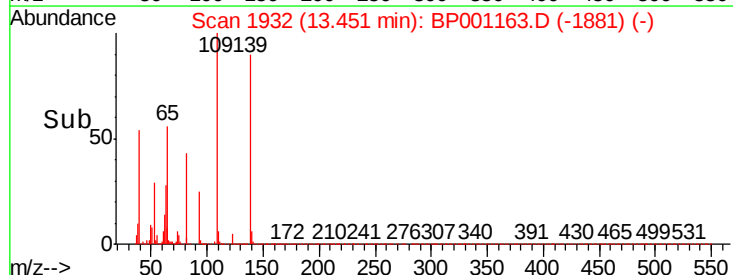
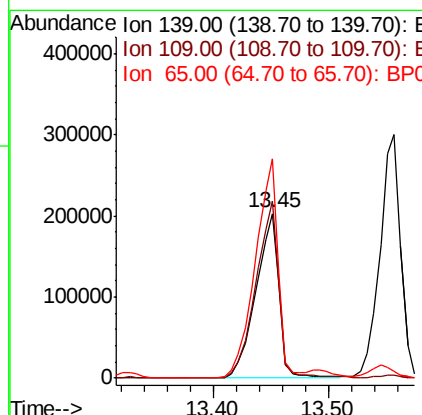
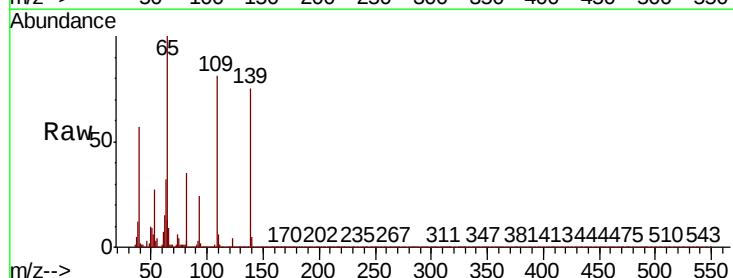
RT: 13.45 min Scan# 1932

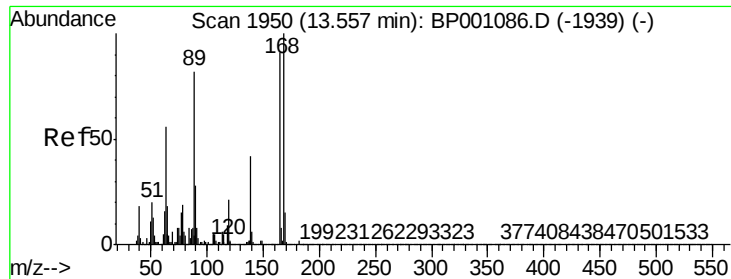
Delta R.T. 0.00 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:	139	Resp:	285011
Ion Ratio	Lower	Upper	
139	100		
109	107.7	70.9	110.9
65	133.1	95.2	135.2





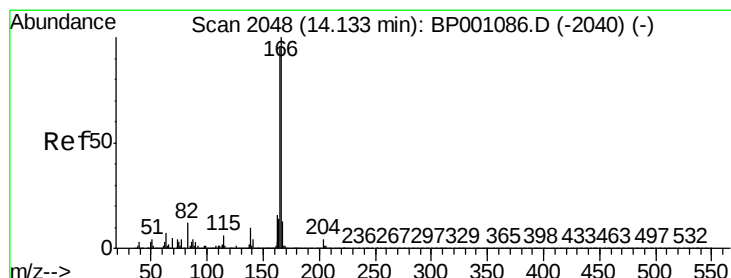
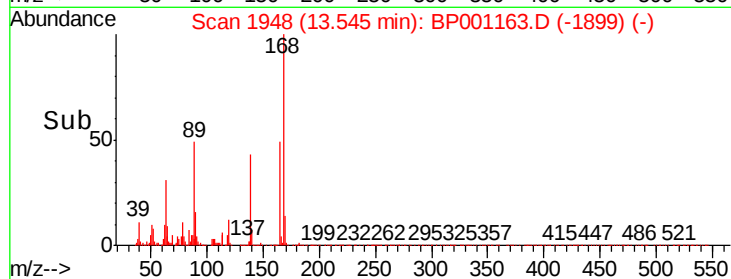
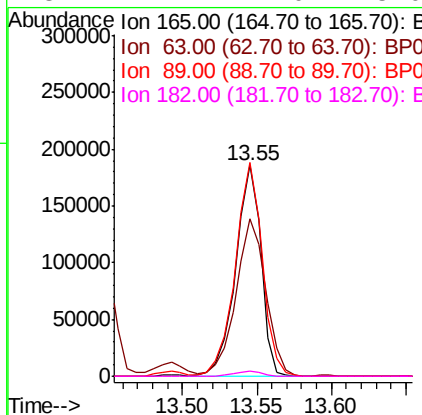
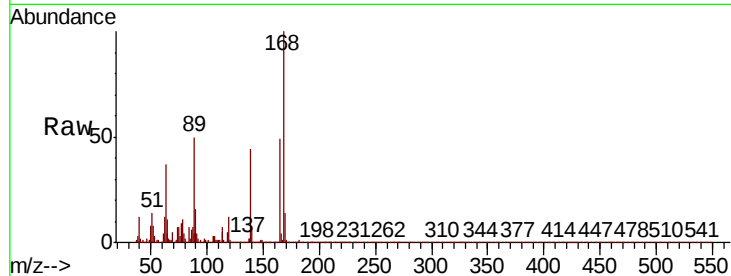
#57
2,4-Dinitrotoluene
Concen: 42.593 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	74.8	49.4	74.2#	
89	101.4	72.1	108.1	
182	2.7	2.0	3.0	

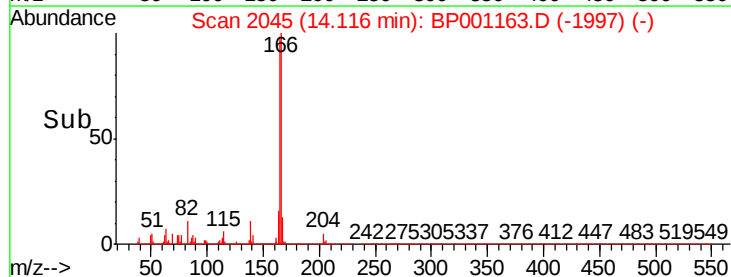
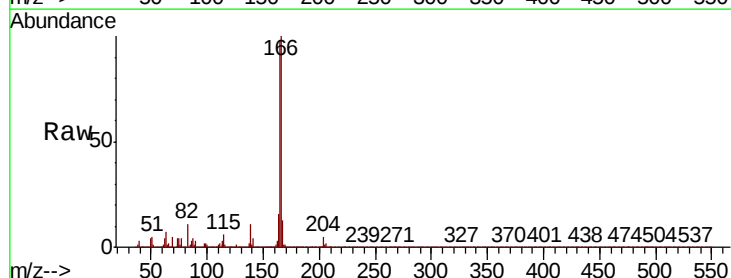
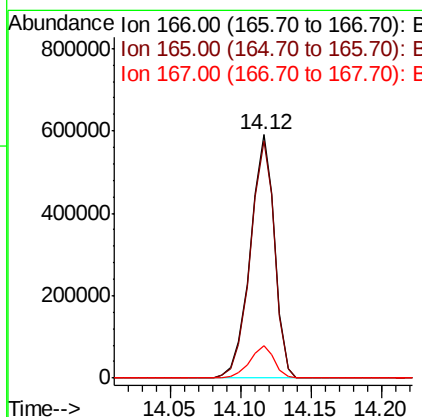
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12/4/2019 5:00:50 PM



#58
Fluorene
Concen: 41.114 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.7	76.7	115.1	
167	13.1	10.5	15.7	





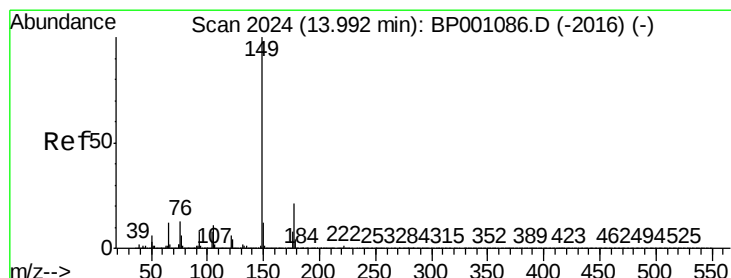
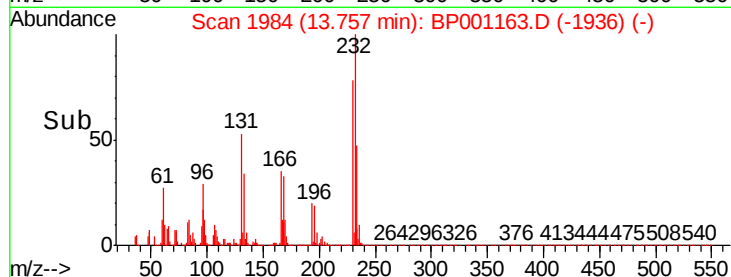
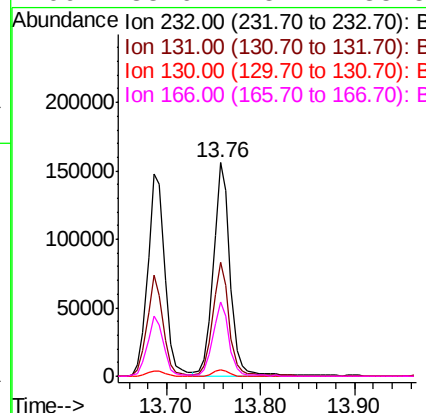
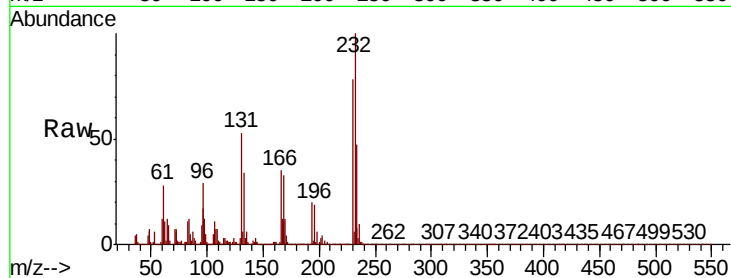
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.421 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	50.8	39.6	59.4
130	2.8	1.9	2.9
166	33.6	25.7	38.5

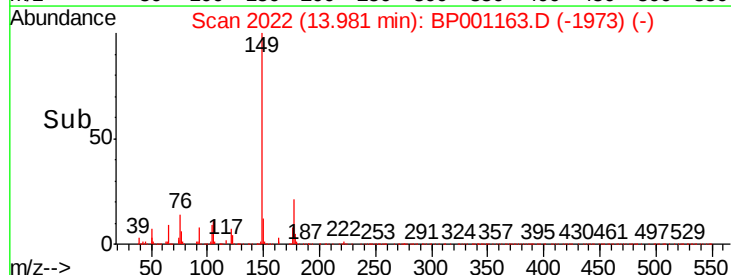
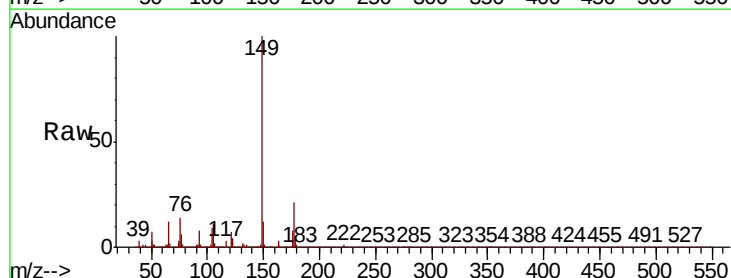
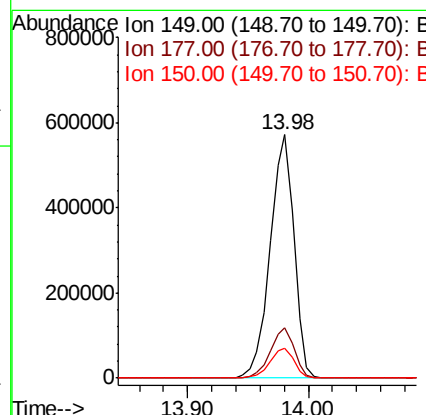
Manual Integrations
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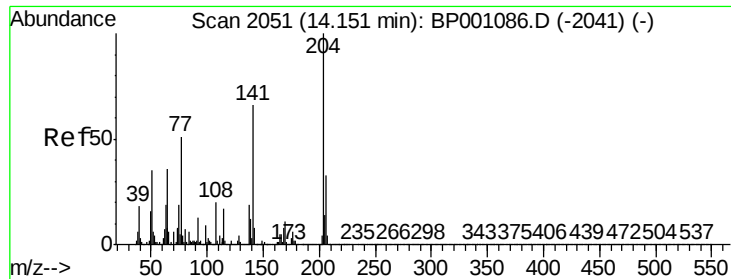
mohammad
12/4/2019 5:00:50 PM



#60
Diethylphthalate
Concen: 38.981 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.8	17.0	25.6
150	12.2	9.9	14.9





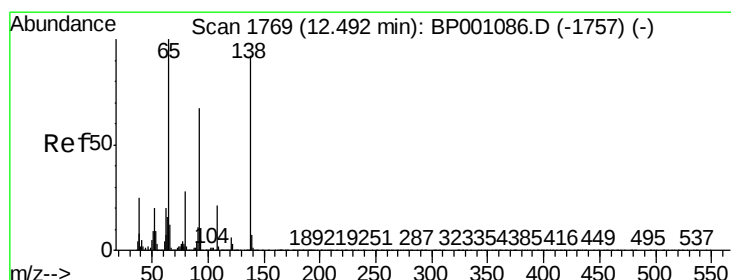
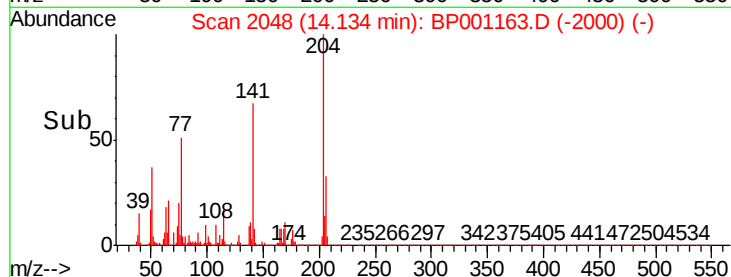
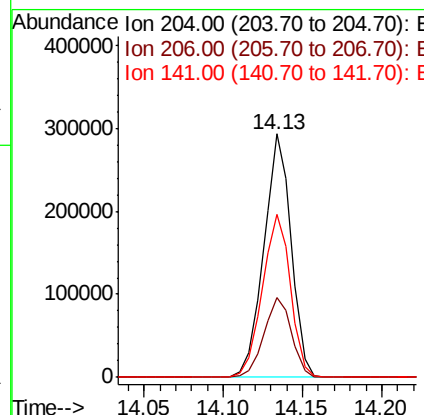
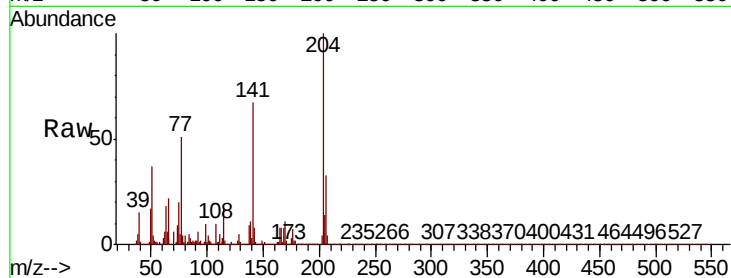
#61
4-Chlorophenyl-phenylether
Concen: 40.116 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Resp Lower	Upper
204	100		
206	32.5	26.1	39.1
141	67.1	52.7	79.1

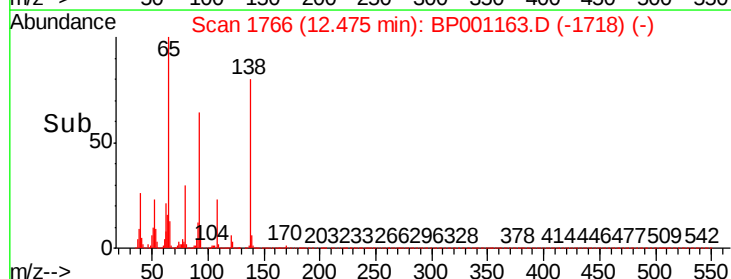
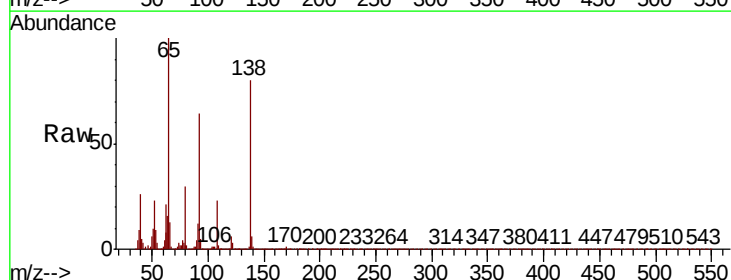
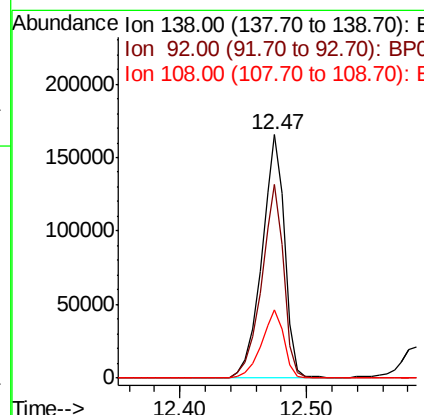
Manual Integrations
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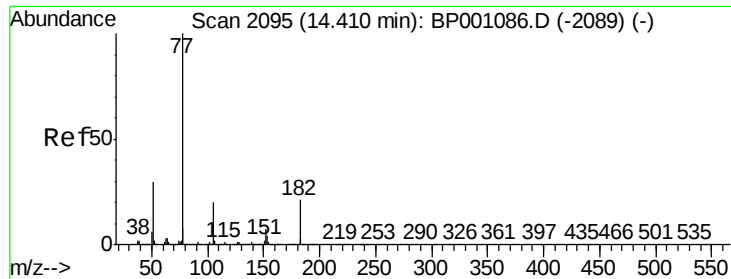
mohammad
12/4/2019 5:00:50 PM



#62
4-Nitroaniline
Concen: 38.508 ng
RT: 12.47 min Scan# 1766
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Resp Lower	Upper
138	100		
92	79.8	53.3	93.3
108	28.2	3.1	43.1





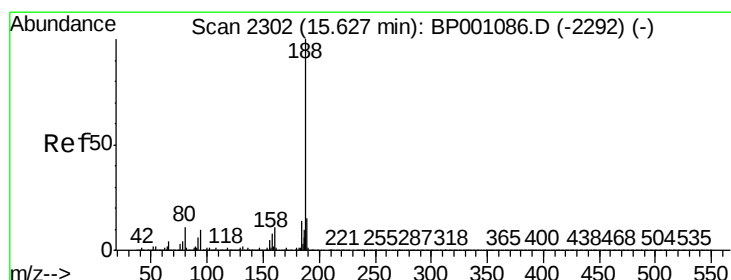
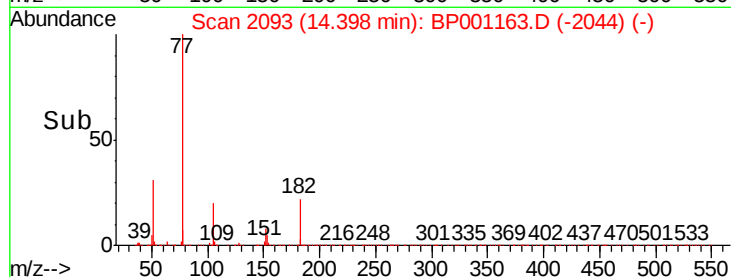
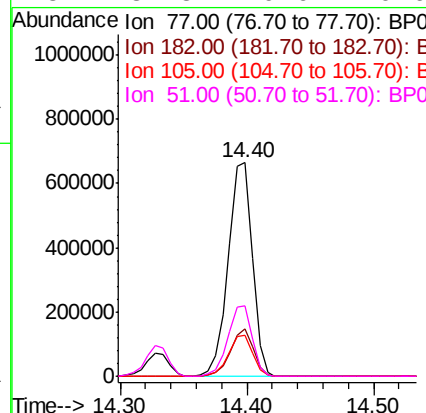
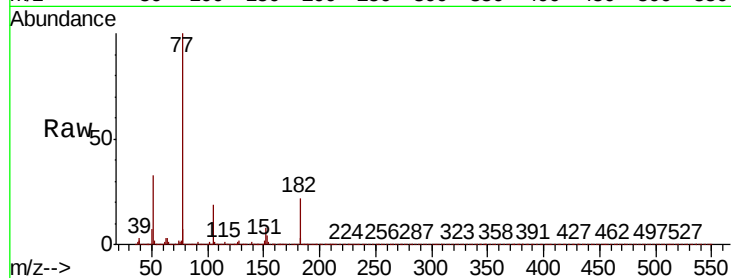
#63
Azobenzene
Concen: 40.619 ng
RT: 14.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.0	0.8	40.8		
105	19.4	0.3	40.3		
51	32.8	9.6	49.6		

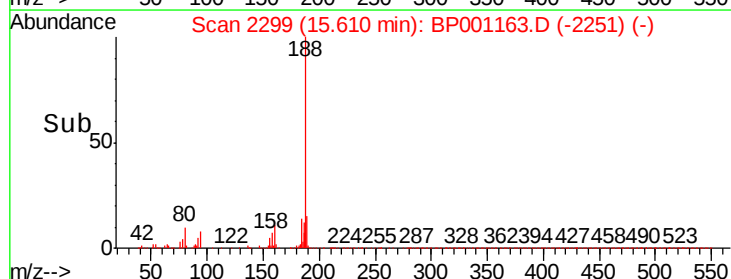
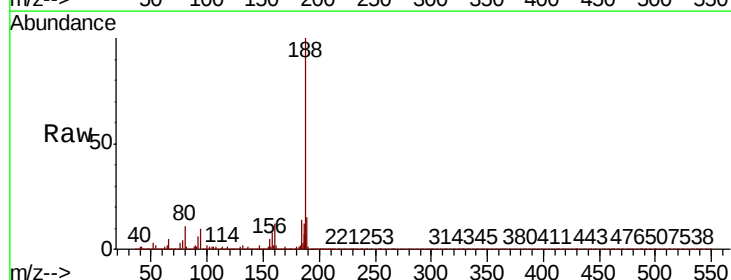
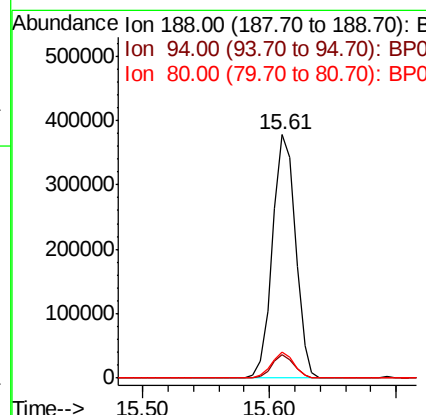
Manual Integrations
APPROVED

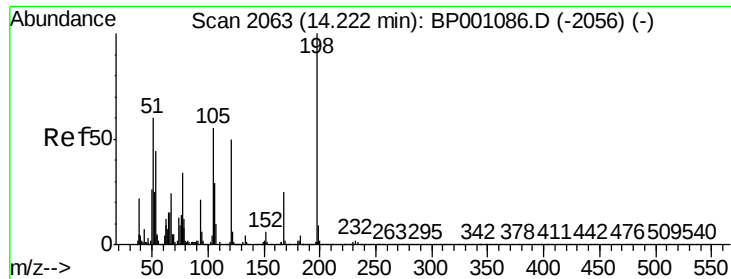
mohammad
12/4/2019 5:00:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.7	7.9	11.9		
80	10.9	8.8	13.2		





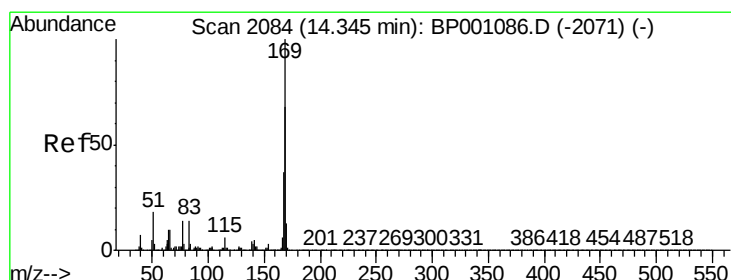
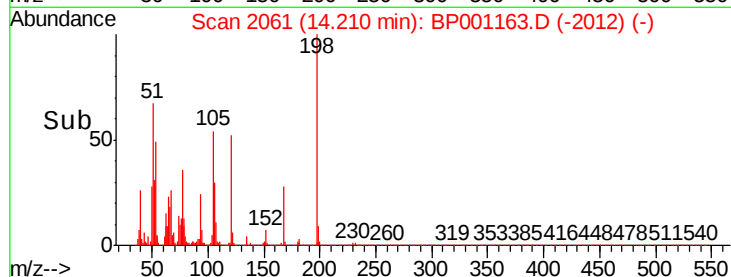
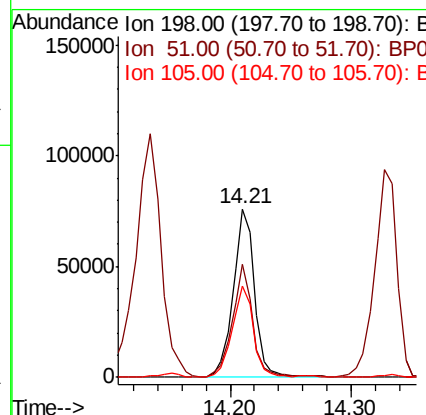
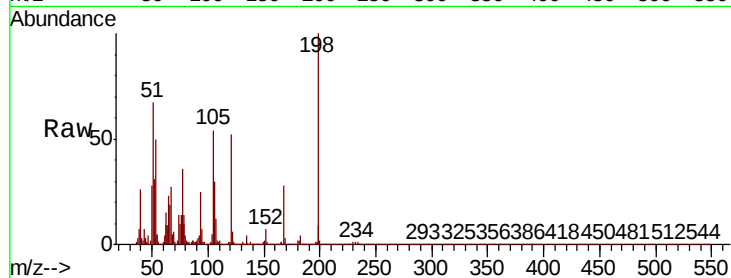
#65
4,6-Dinitro-2-methylphenol
Concen: 46.209 ng
RT: 14.21 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	66.9	40.5	80.5
105	54.1	35.7	75.7

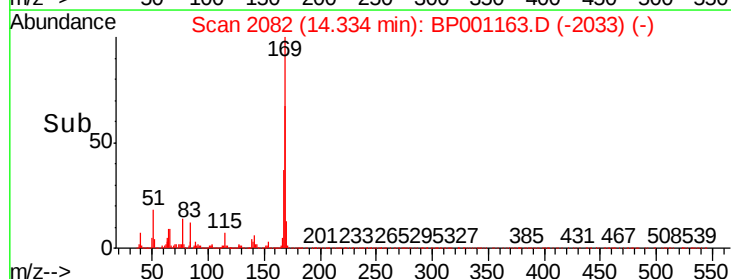
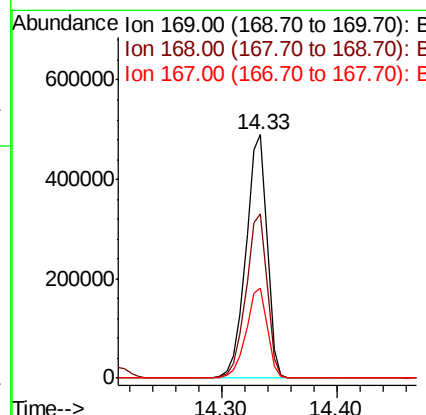
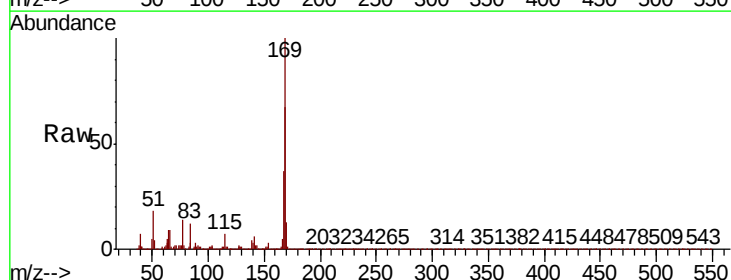
Manual Integrations
APPROVED

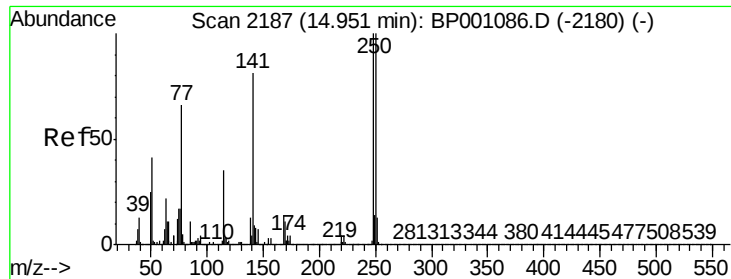
mohammad
12/4/2019 5:00:50 PM



#66
n-Nitrosodiphenylamine
Concen: 42.560 ng
RT: 14.33 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.1	81.1
167	37.2	29.5	44.3





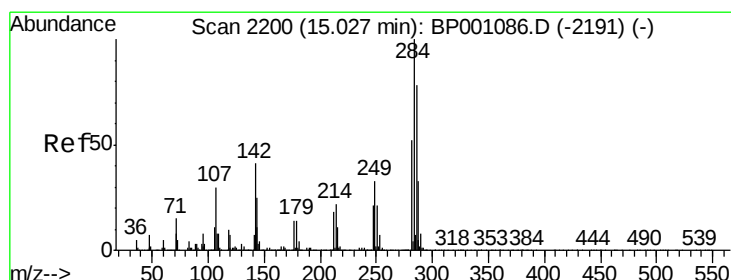
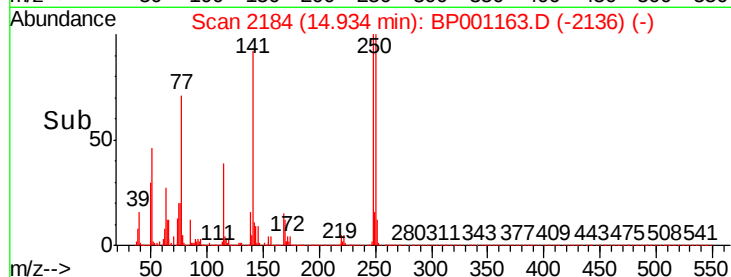
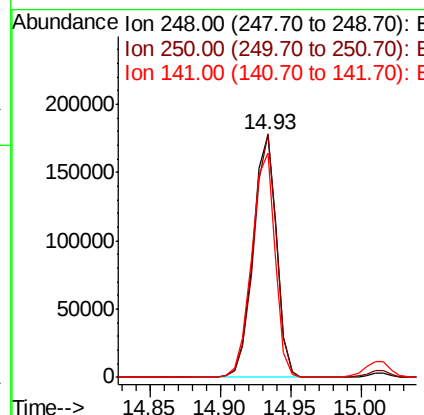
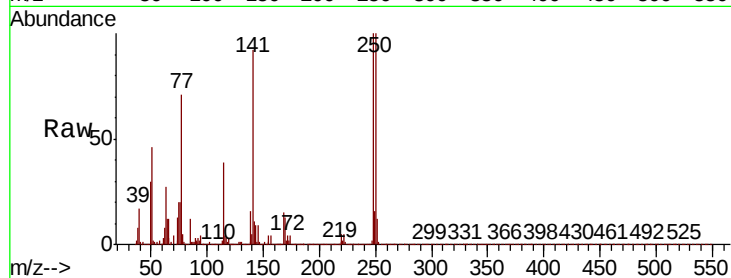
#67
4-Bromophenyl-phenylether
Concen: 39.973 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.4	80.3	120.5
141	92.8	64.9	97.3

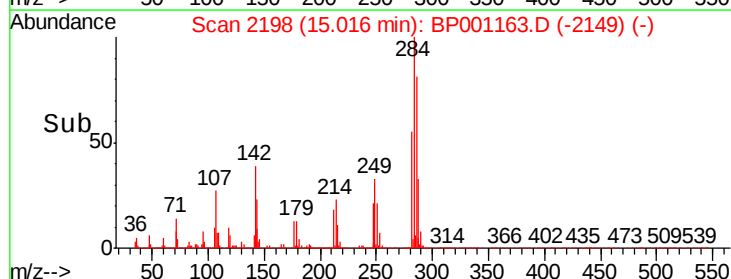
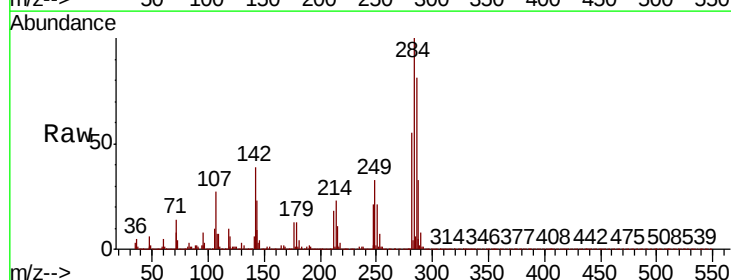
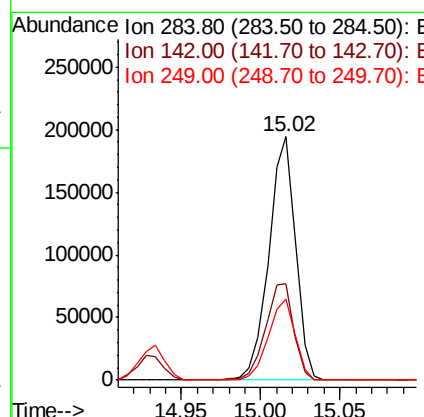
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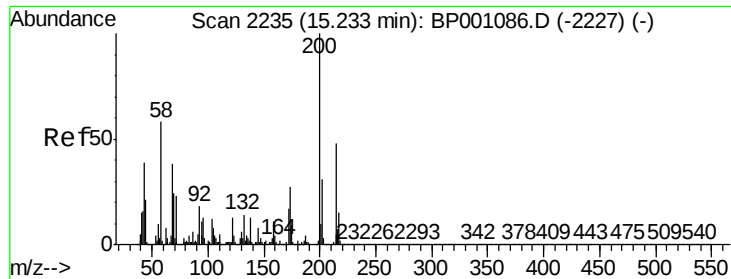
mohammad
12/4/2019 5:00:50 PM



#68
Hexachlorobenzene
Concen: 40.285 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.4	33.2	49.8
249	33.1	26.2	39.4





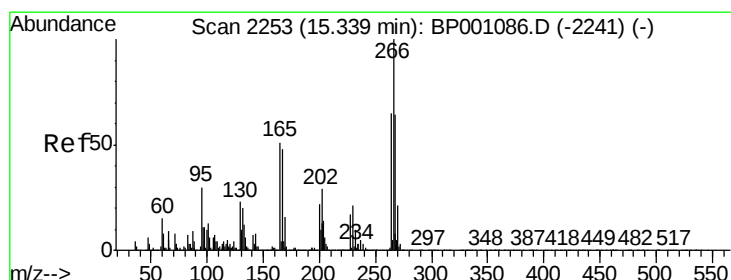
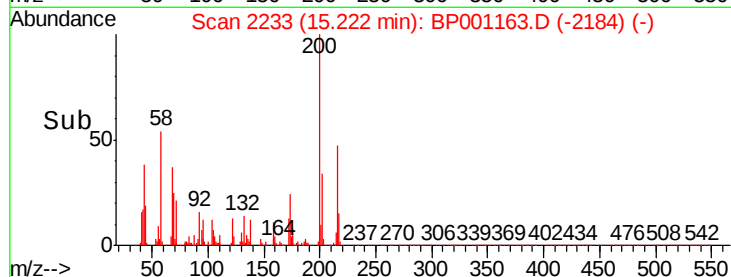
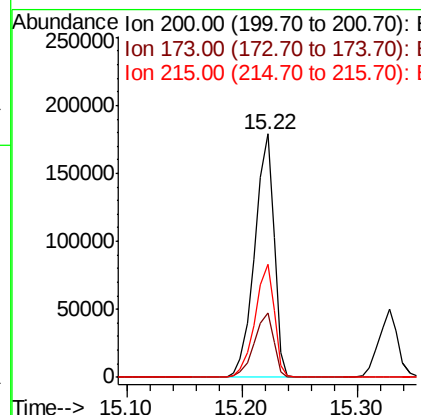
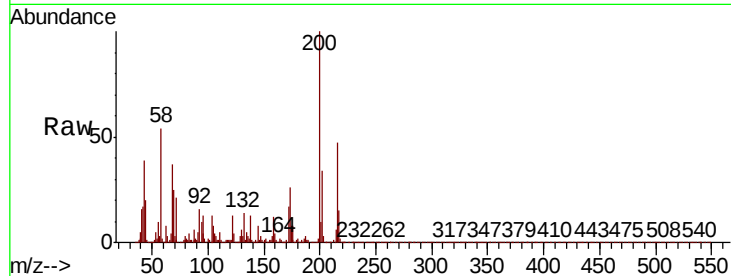
#69
Atrazine
Concen: 47.362 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.3	6.7	46.7
215	46.7	27.9	67.9

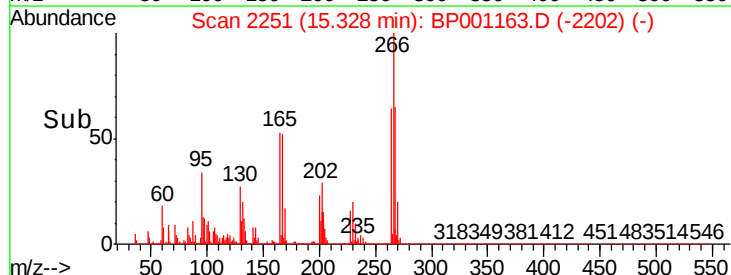
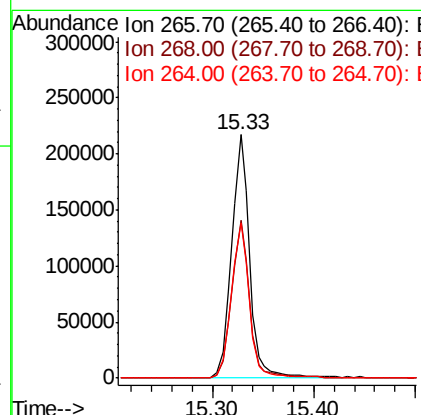
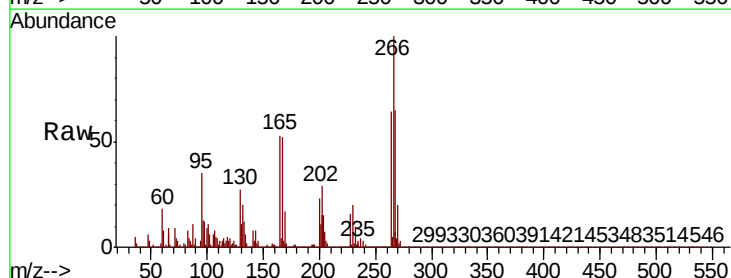
Manual Integrations
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mohammad
12/4/2019 5:00:50 PM



#70
Pentachlorophenol
Concen: 90.608 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	65.0	51.6	77.4
264	63.6	52.2	78.4





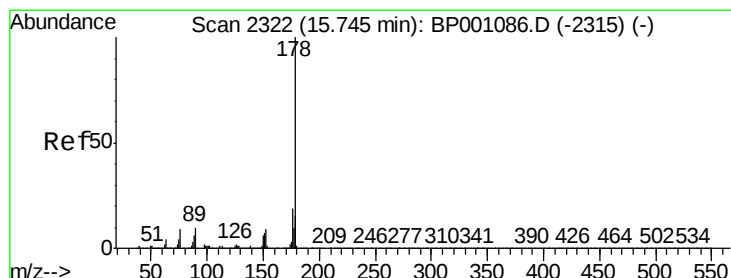
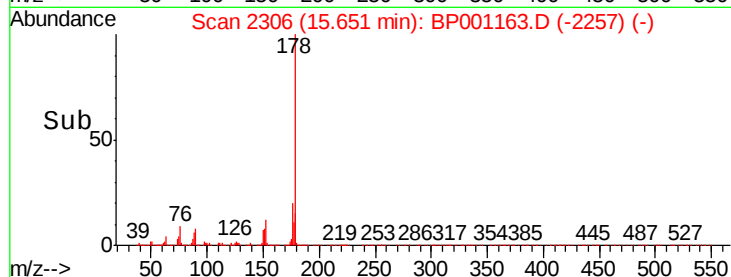
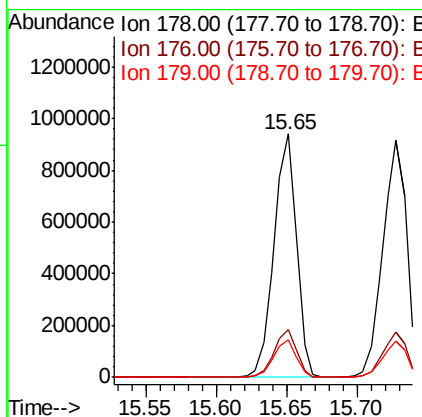
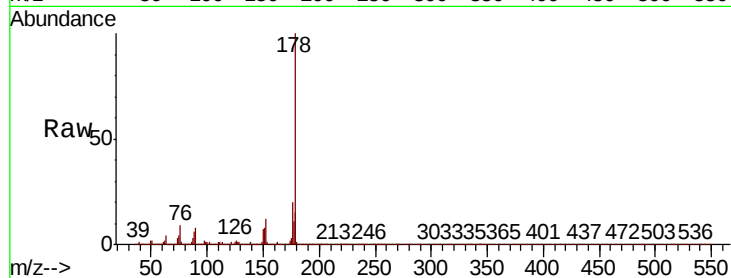
#71
Phenanthrene
Concen: 42.087 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.2	12.5	18.7

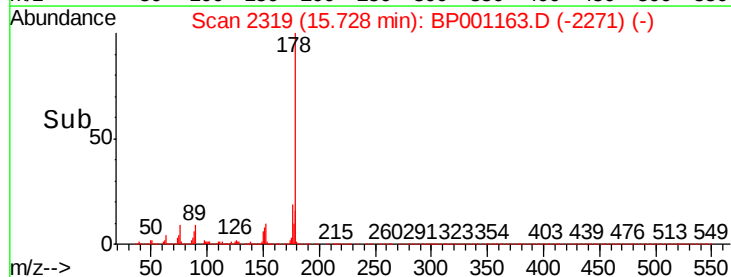
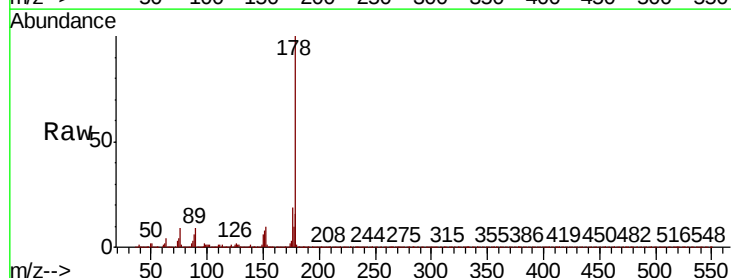
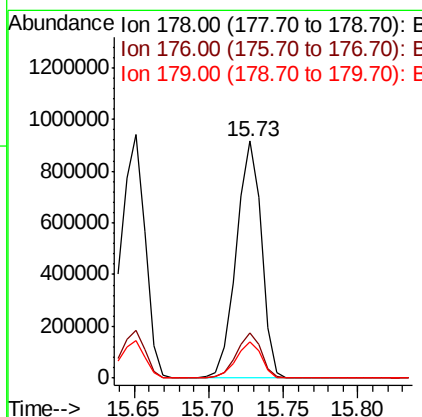
Manual Integrations
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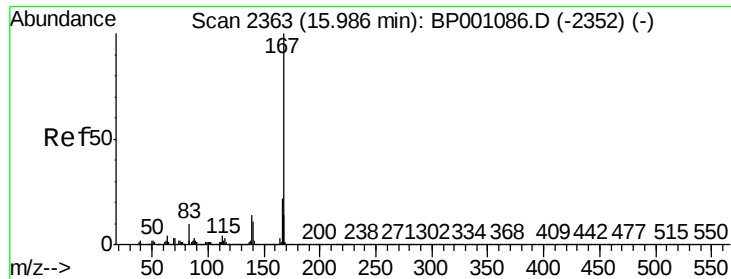
mohammad
12/4/2019 5:00:50 PM



#72
Anthracene
Concen: 43.548 ng
RT: 15.73 min Scan# 2319
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.5	12.2	18.4





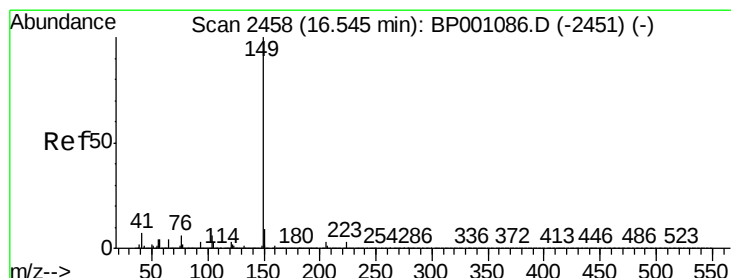
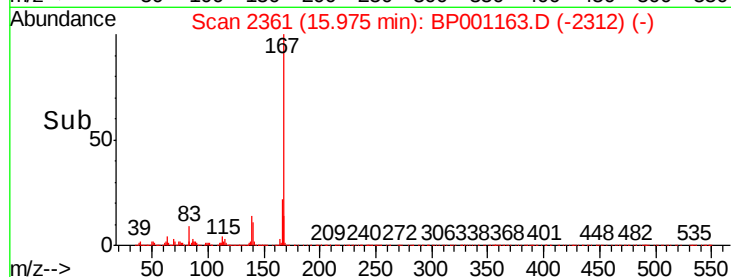
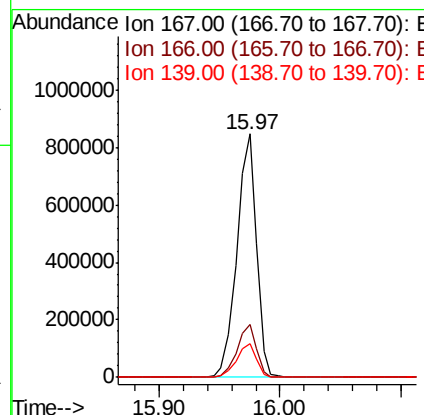
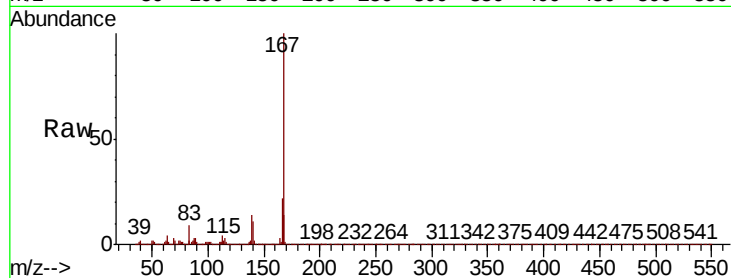
#73
 Carbazole
 Concen: 42.663 ng
 RT: 15.97 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

Instrument :
 BNA_P
 ClientSampleId :
 PB125109BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.8	11.3	16.9

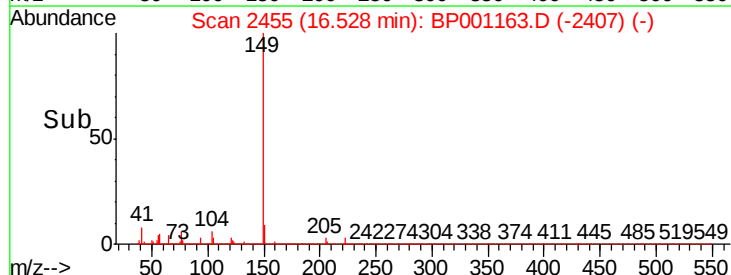
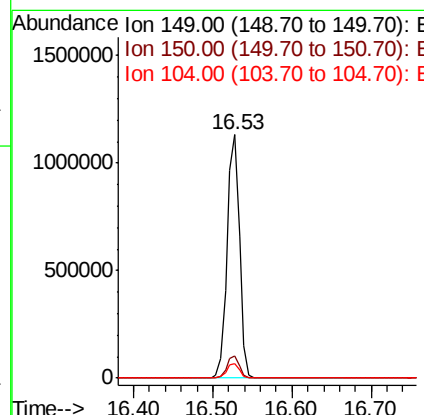
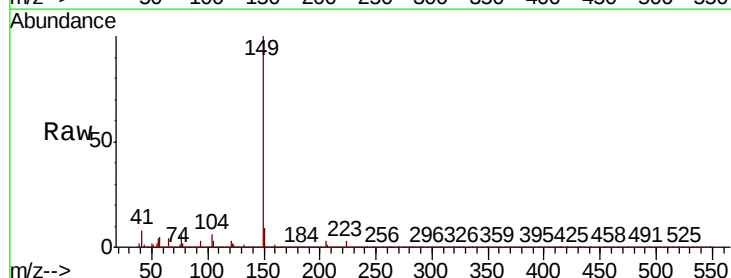
Manual Integrations
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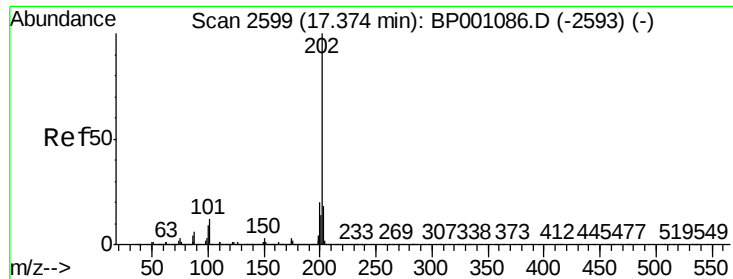
mohammad
 12/4/2019 5:00:50 PM



#74
 Di-n-butylphthalate
 Concen: 40.125 ng
 RT: 16.53 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BP001163.D
 Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.2
104	6.0	4.6	6.8





#75

Fluoranthene

Concen: 43.779 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

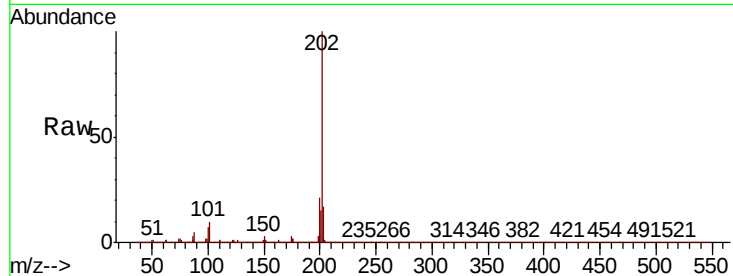
ClientSampleId :

PB125109BSD

Tot Ion:	202	Resp:	1163374
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	32.1
203	17.4	0.0	37.8

Manual Integrations
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mohammad
12/4/2019 5:00:50 PM

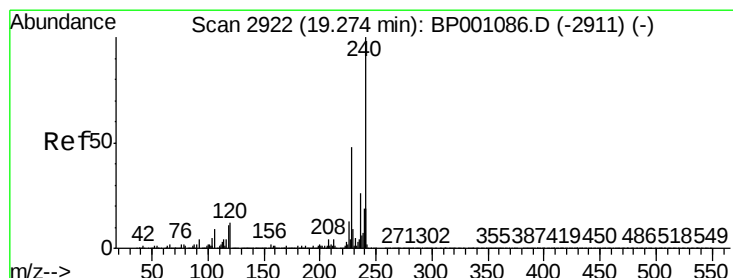
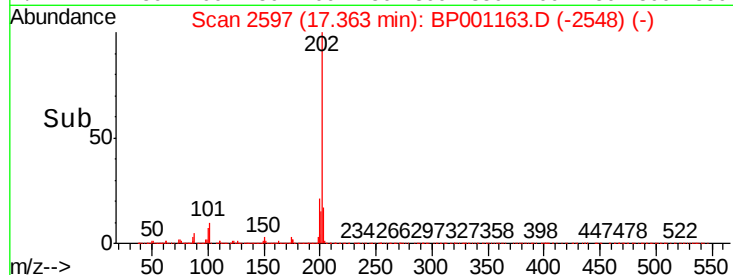
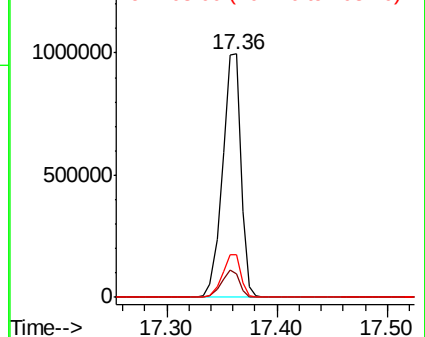


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

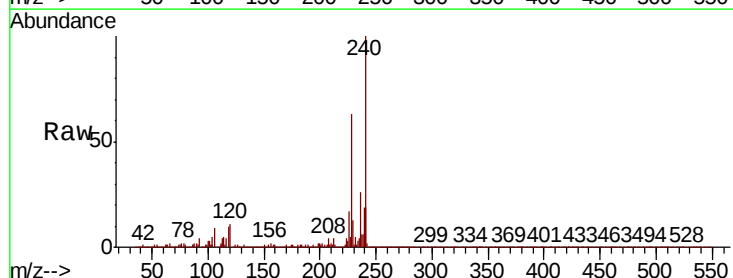
RT: 19.26 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:	240	Resp:	367970
Ion Ratio	Lower	Upper	
240	100		
120	10.6	9.5	14.3
236	26.1	20.4	30.6

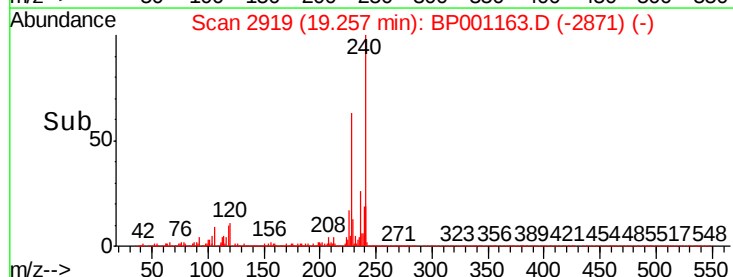
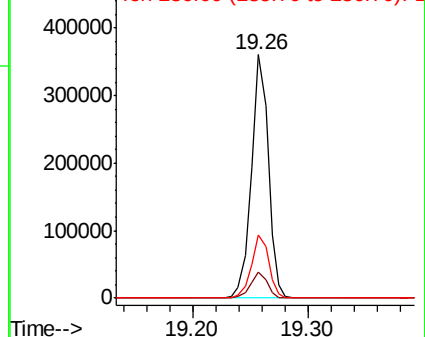


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 15.840 ng

RT: 17.55 min Scan# 2628

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

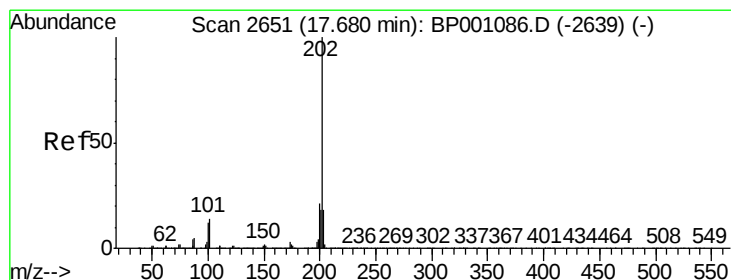
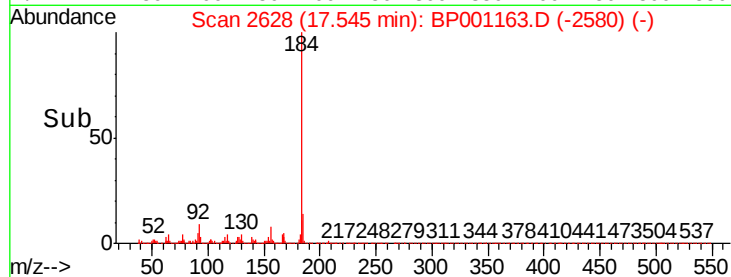
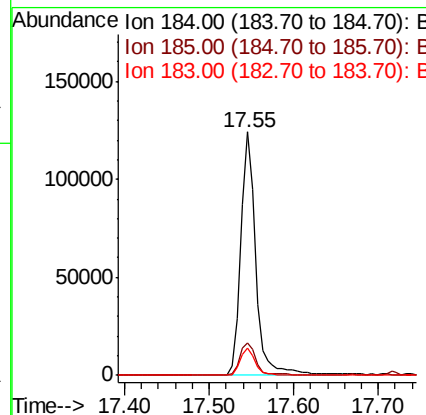
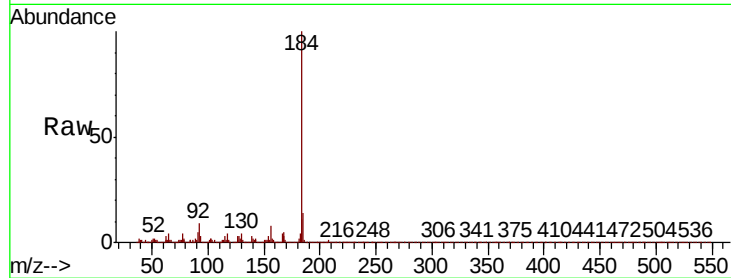
ClientSampleId :

PB125109BSD

Tot Ion:	184	Resp:	150488
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.2	18.4
183	11.3	9.3	13.9

Manual Integrations
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12/4/2019 5:00:50 PM



#78

Pyrene

Concen: 40.563 ng

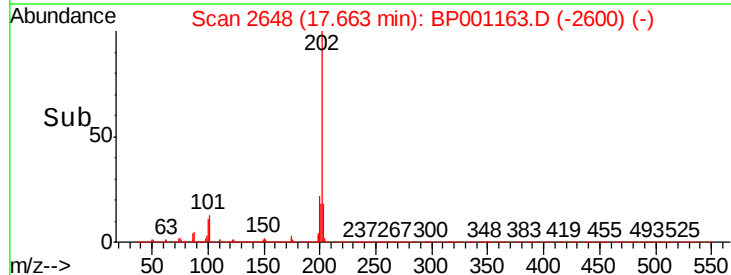
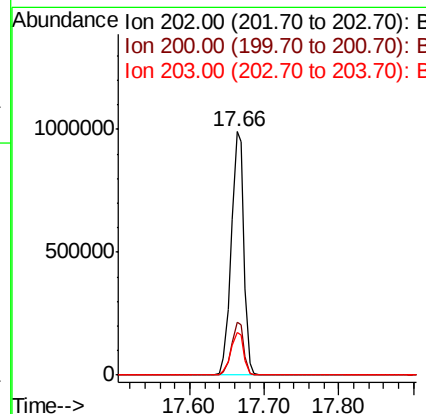
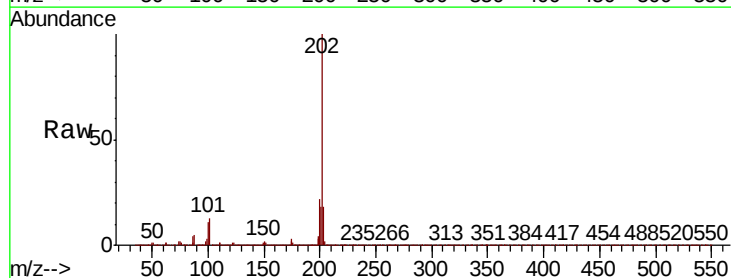
RT: 17.66 min Scan# 2648

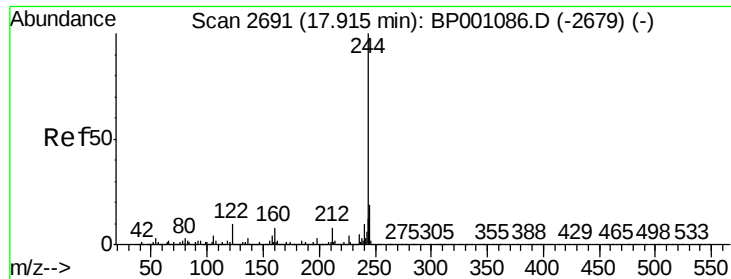
Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:	202	Resp:	1175602
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.0	25.6
203	17.6	14.1	21.1





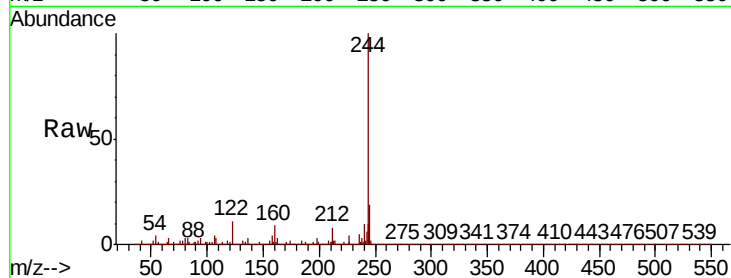
#79
Terphenyl-d14
Concen: 63.086 ng
RT: 17.89 min Scan# 2687
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

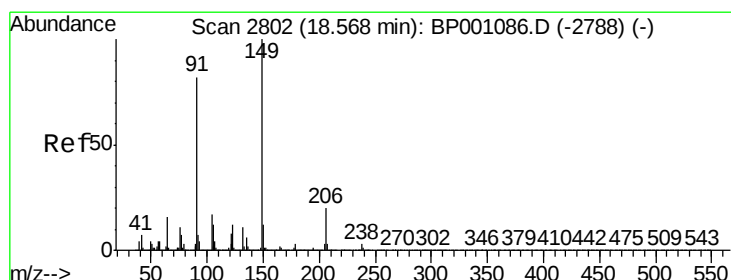
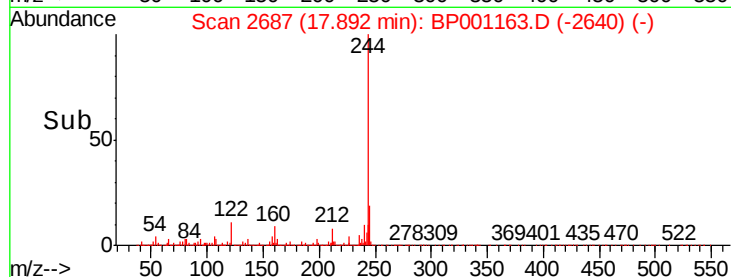
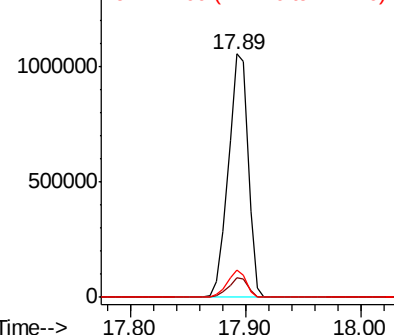
Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	11.3	8.2	12.2

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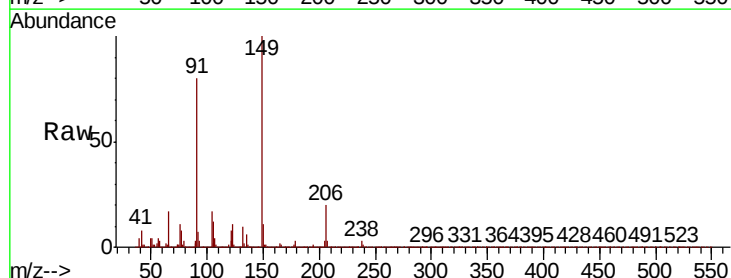


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

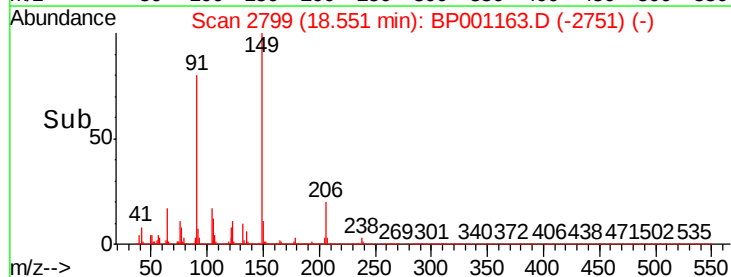
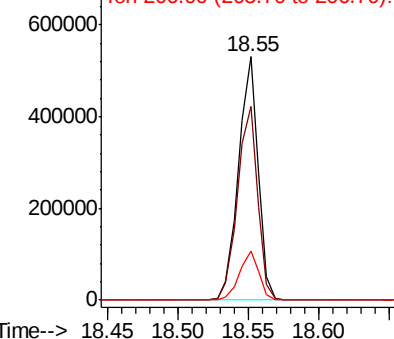


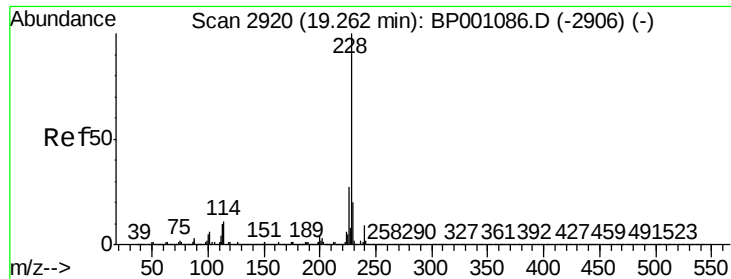
#80
Butylbenzylphthalate
Concen: 38.868 ng
RT: 18.55 min Scan# 2799
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.8	65.4	98.2
206	19.9	16.0	24.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP0
Ion 206.00 (205.70 to 206.70): E





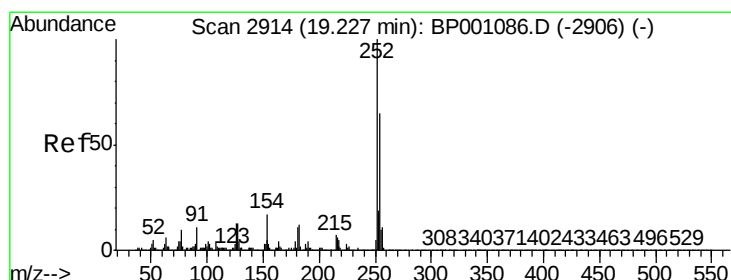
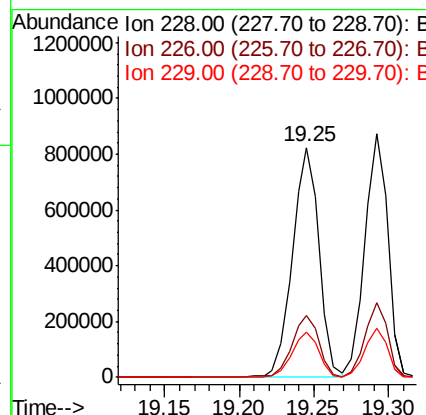
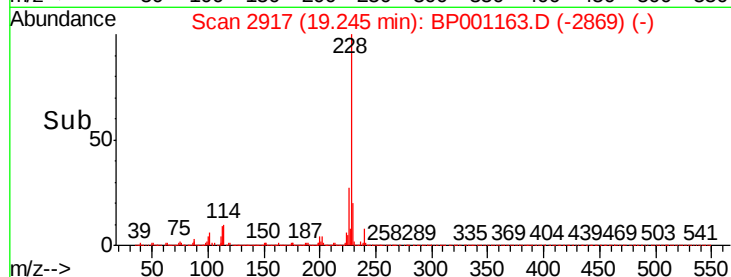
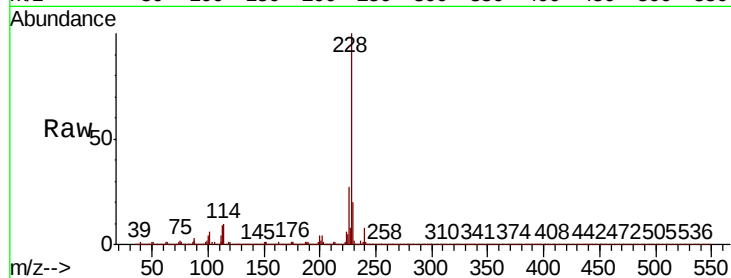
#81
Benzo(a)anthracene
Concen: 40.295 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.8	32.6
229	19.9	15.8	23.6

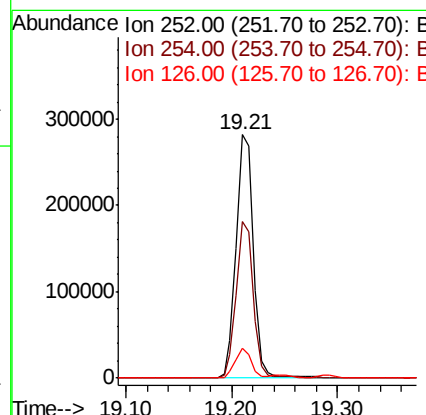
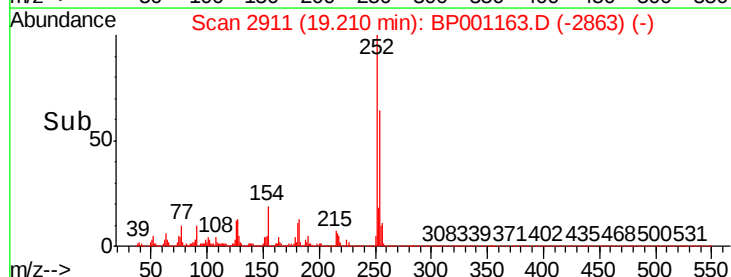
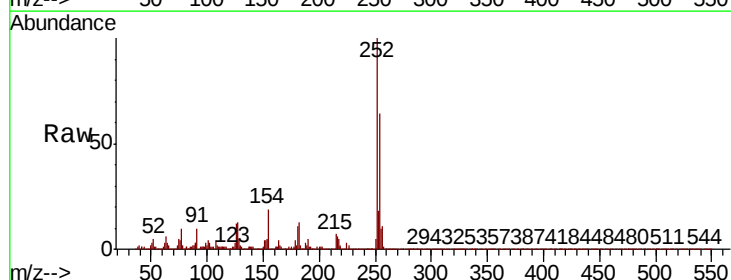
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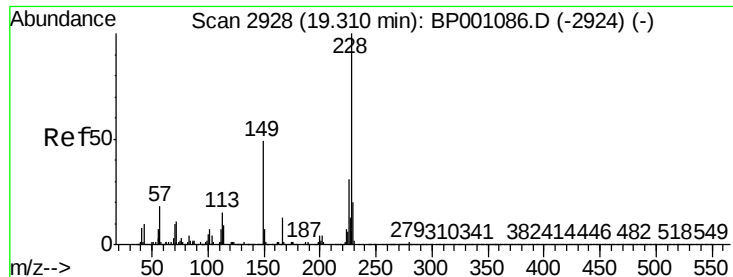
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#82
3,3'-Dichlorobenzidine
Concen: 37.560 ng
RT: 19.21 min Scan# 2911
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.7	77.5
126	12.5	10.2	15.4





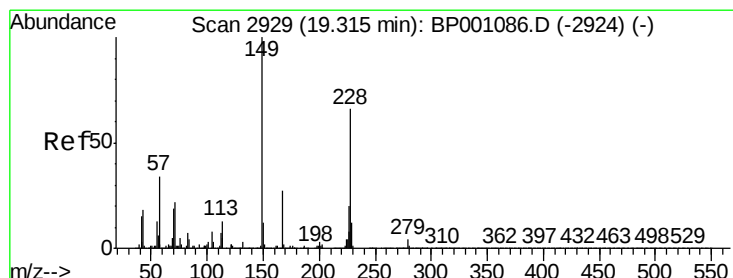
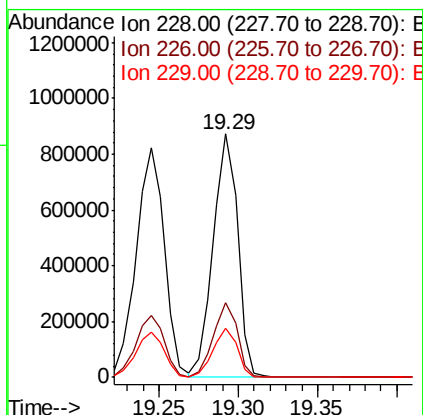
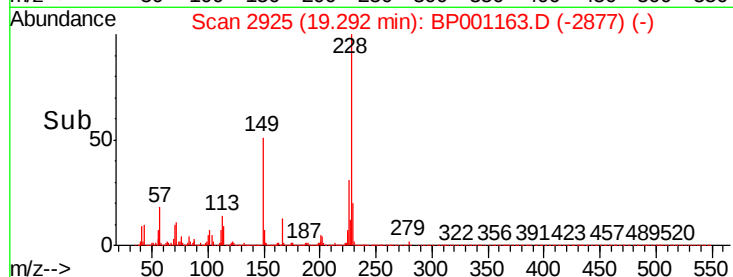
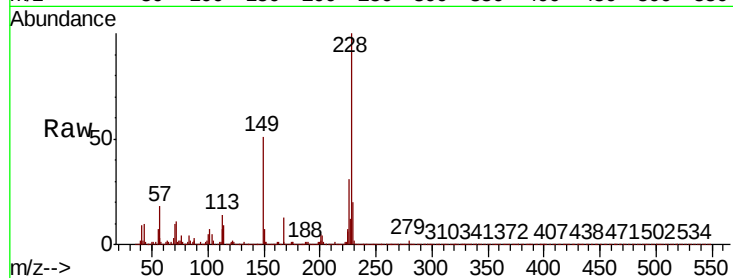
#83
Chrysene
Concen: 41.224 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.9	15.7	23.5

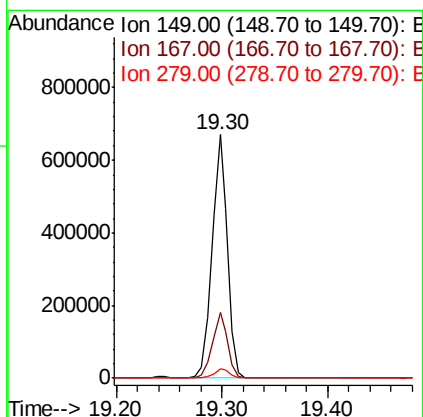
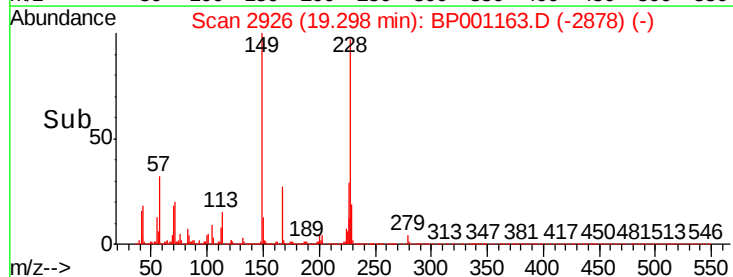
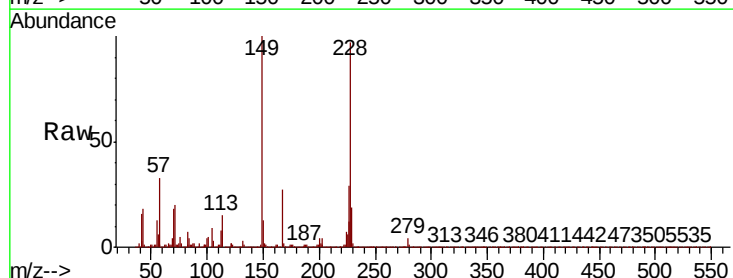
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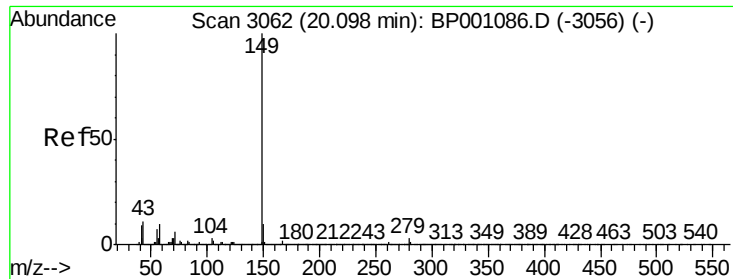
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#84
Bis(2-ethylhexyl)phthalate
Concen: 37.098 ng
RT: 19.30 min Scan# 2926
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.6	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 37.145 ng

RT: 20.08 min Scan# 3059

Delta R.T. -0.02 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Instrument :

BNA_P

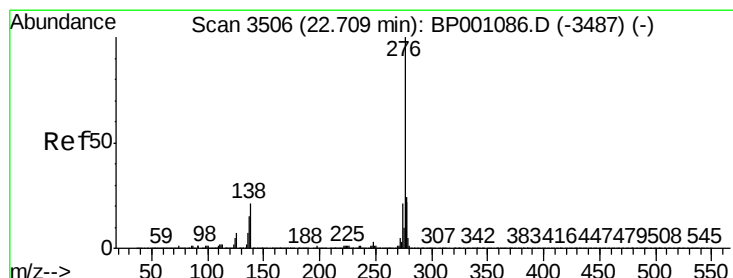
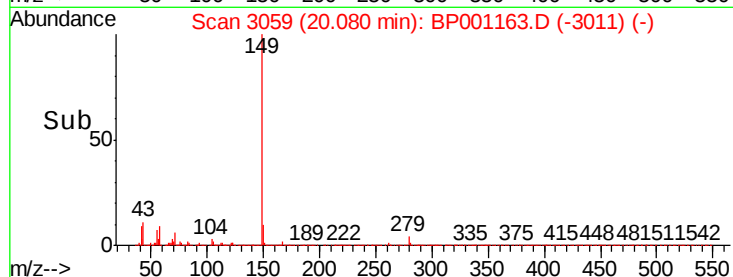
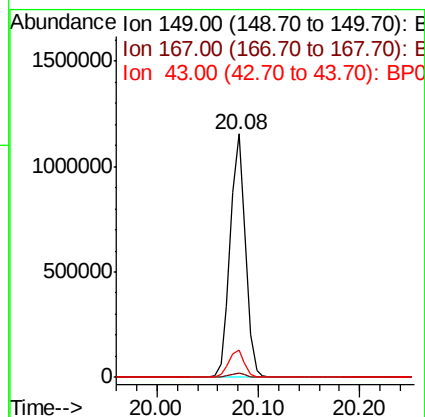
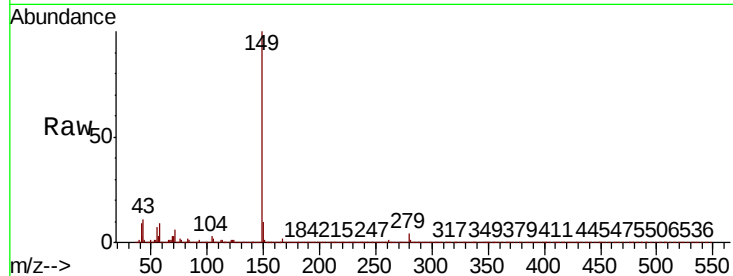
ClientSampleId :

PB125109BSD

Tot Ion:	149	Resp:	1214423
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.2	8.5	12.7

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#86

Indeno(1,2,3-cd)pyrene

Concen: 38.890 ng

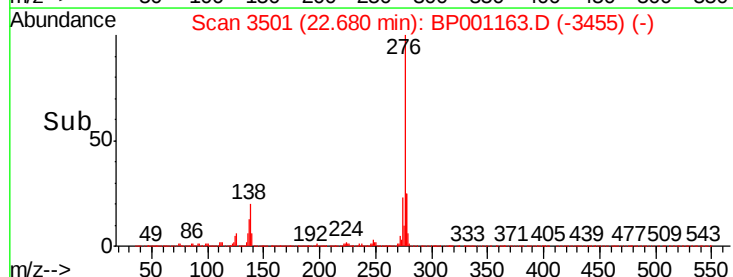
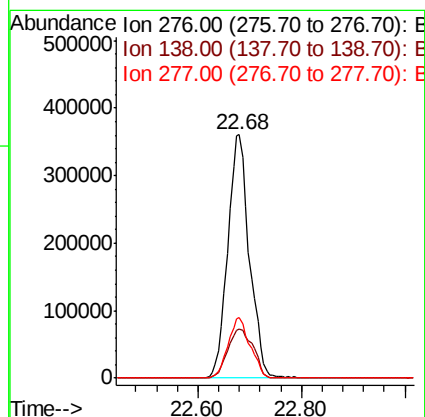
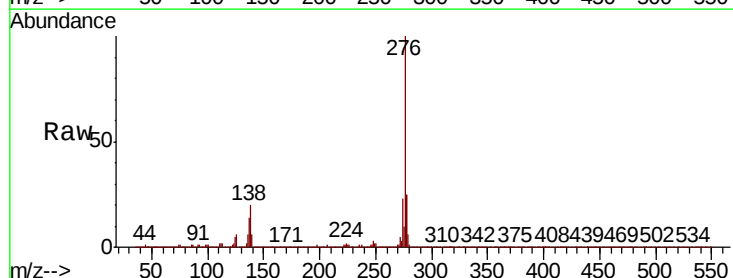
RT: 22.68 min Scan# 3501

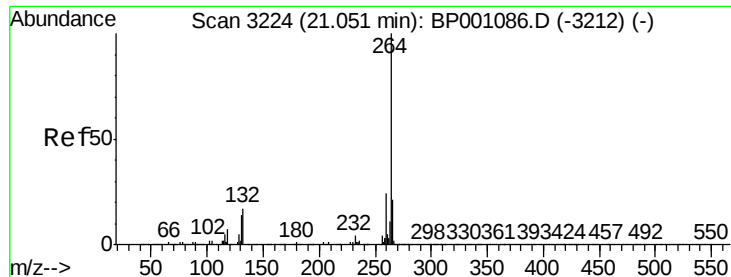
Delta R.T. -0.03 min

Lab File: BP001163.D

Acq: 03 Dec 2019 19:09

Tgt Ion:	276	Resp:	1047094
Ion Ratio	Lower	Upper	
276	100		
138	23.7	20.6	30.8
277	25.5	20.0	30.0





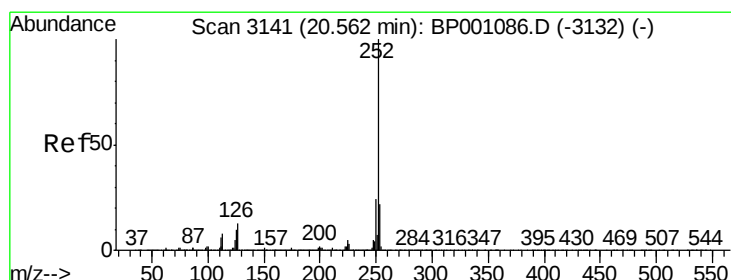
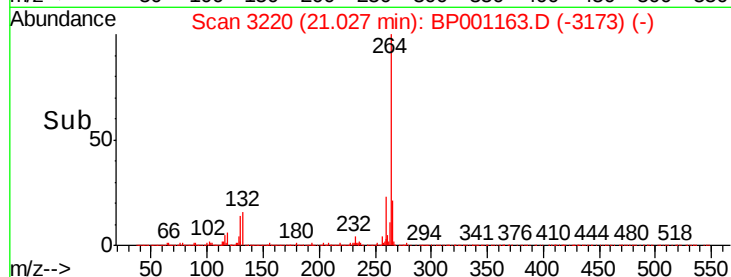
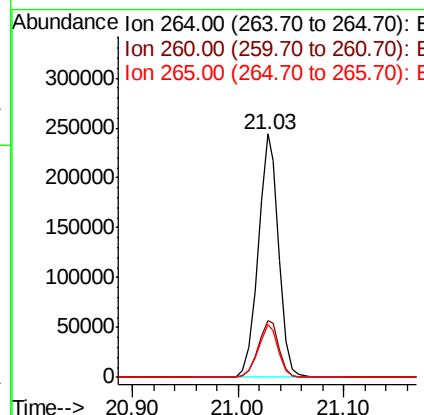
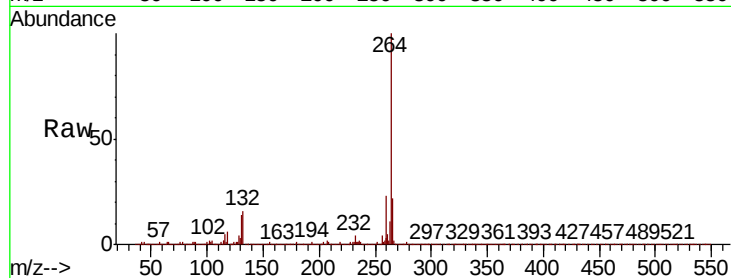
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.03 min Scan# 3220
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	21.6	16.9	25.3

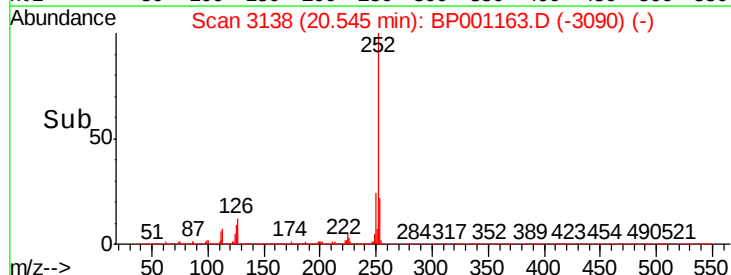
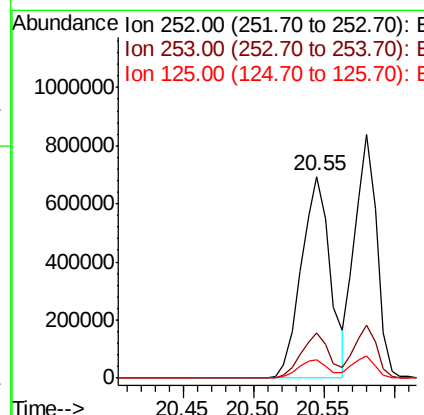
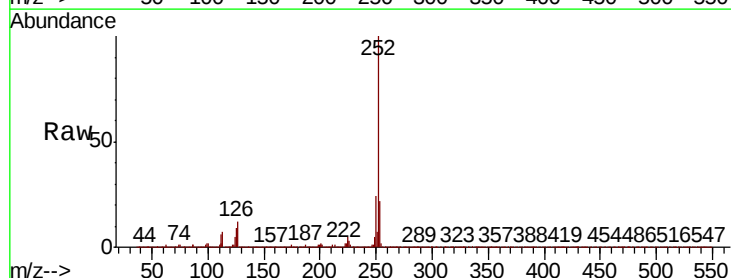
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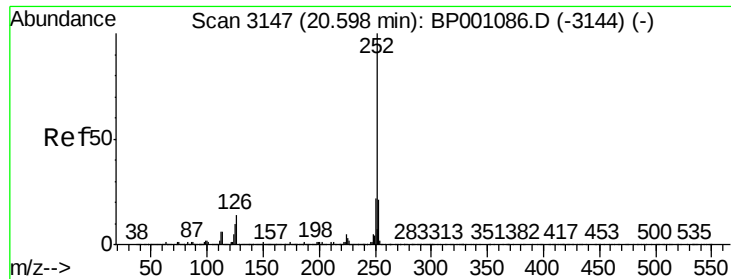
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#88
Benzo(b)fluoranthene
Concen: 49.131 ng
RT: 20.55 min Scan# 3138
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.1	8.1	12.1





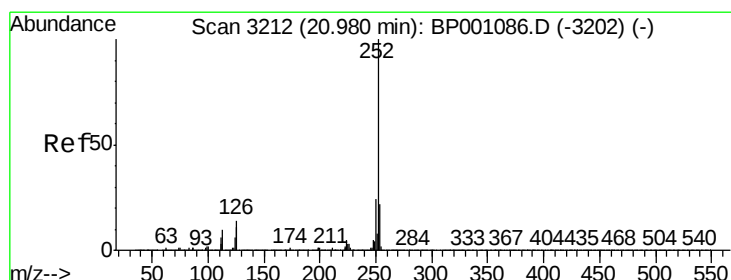
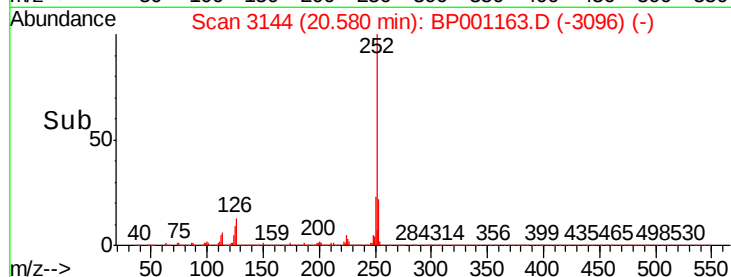
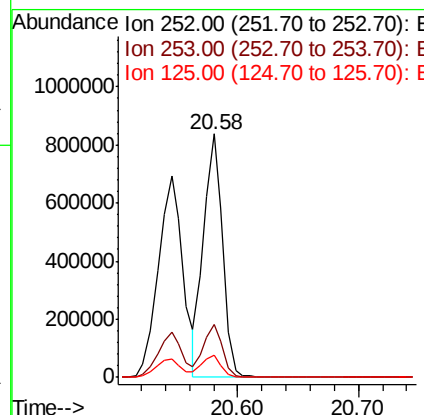
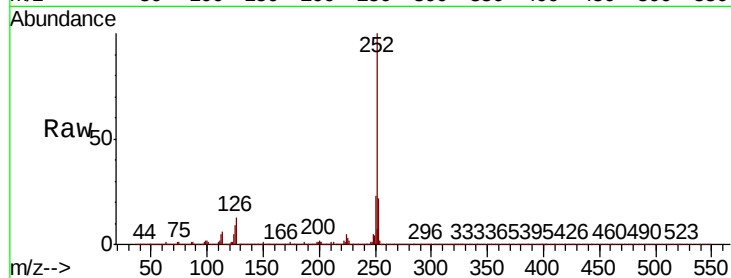
#89
Benzo(k)fluoranthene
Concen: 47.202 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	9.0	8.2	12.2

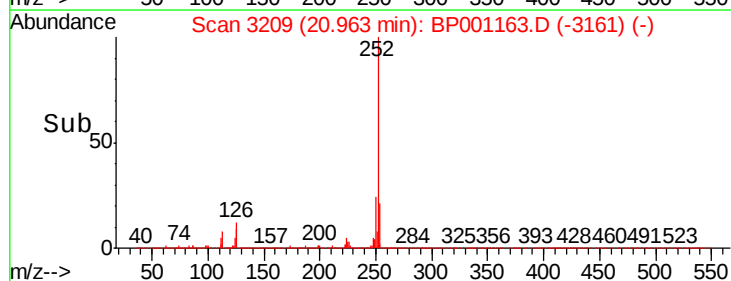
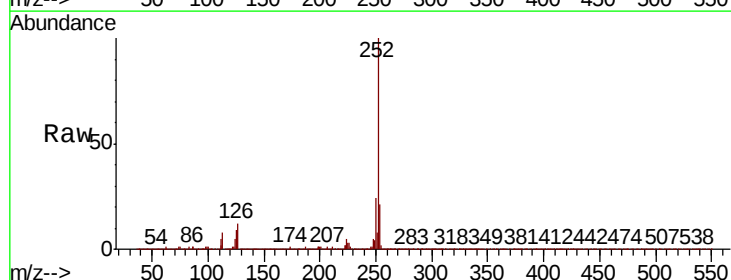
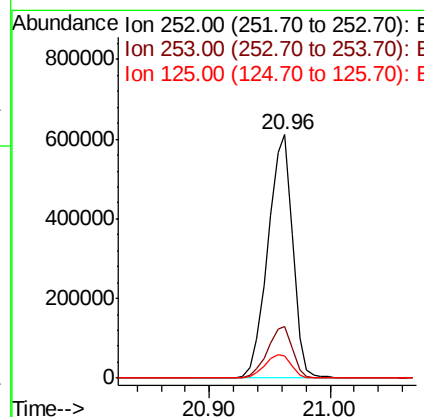
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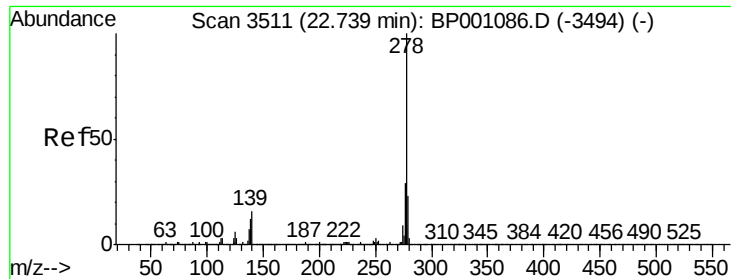
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#90
Benzo(a)pyrene
Concen: 46.734 ng
RT: 20.96 min Scan# 3209
Delta R.T. -0.02 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.0
125	9.0	8.7	13.1





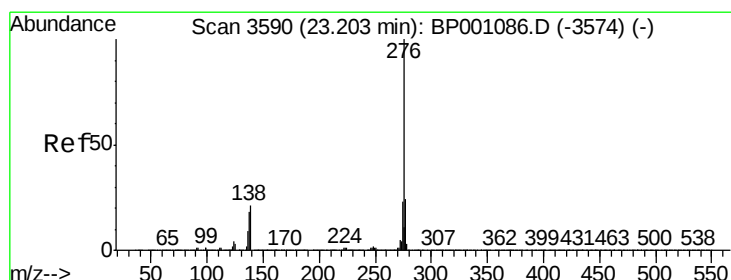
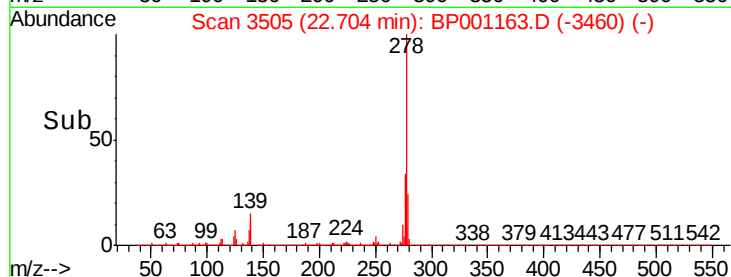
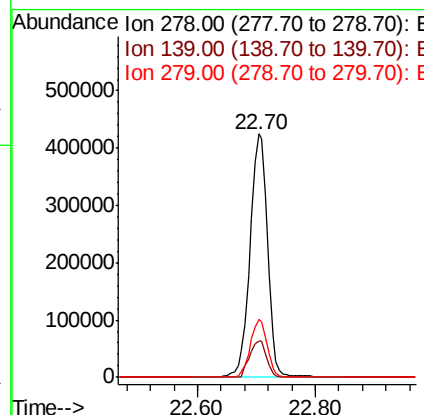
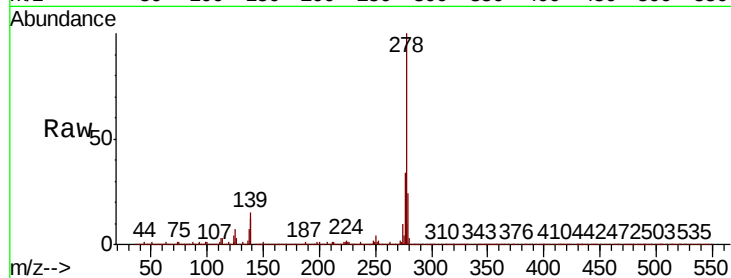
#91
Dibenzo(a,h)anthracene
Concen: 48.671 ng
RT: 22.70 min Scan# 3505
Delta R.T. -0.03 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Instrument :
BNA_P
ClientSampleId :
PB125109BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	13.0	19.4
279	23.9	18.7	28.1

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#92
Benzo(g,h,i)perylene
Concen: 50.209 ng
RT: 23.17 min Scan# 3585
Delta R.T. -0.03 min
Lab File: BP001163.D
Acq: 03 Dec 2019 19:09

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	19.2	28.8
138	19.0	17.2	25.8

