

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120619\
 Data File : BP001228.D
 Acq On : 06 Dec 2019 14:22
 Operator : JU
 Sample : PB125231BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125231BS

Manual Integrations
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mohammad
 12/9/2019 3:10:31 PM

Quant Time: Dec 06 14:52:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	100123	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	412496	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	246184	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	494524	20.00	ng	0.00
76) Chrysene-d12	19.25	240	424149	20.00	ng	-0.01
87) Perylene-d12	21.02	264	333426	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	748632	124.05	ng	0.00
7) Phenol-d6	7.76	99	988770	122.98	ng	0.00
23) Nitrobenzene-d5	9.19	82	568047	59.75	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	297923	126.26	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	977318	58.10	ng	-0.01
79) Terphenyl-d14	17.89	244	1306539	56.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	70239	24.918	ng	96
3) Pyridine	3.43	79	175328	22.415	ng	95
4) n-Nitrosodimethylamine	3.33	42	152894	45.171	ng	90
6) Aniline	7.78	93	298850	28.035	ng	# 1
8) 2-Chlorophenol	7.97	128	270651	43.347	ng	97
9) Benzaldehyde	7.59	77	52872	5.489	ng	97
10) Phenol	7.78	94	386997	42.317	ng	98
11) bis(2-Chloroethyl)ether	7.91	93	282719	39.700	ng	99
12) 1,3-Dichlorobenzene	8.21	146	264698	35.767	ng	99
13) 1,4-Dichlorobenzene	8.33	146	274693	36.846	ng	99
14) 1,2-Dichlorobenzene	8.57	146	268216	38.228	ng	98
15) Benzyl Alcohol	8.54	79	310078	46.983	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	437119	38.179	ng	99
17) 2-Methylphenol	8.73	107	244060	42.612	ng	99
18) Hexachloroethane	9.11	117	115458	37.437	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	240789	41.505	ng	99
20) 3+4-Methylphenols	8.97	107	315576	43.709	ng	99
22) Acetophenone	8.95	105	448690	37.009	ng	98
24) Nitrobenzene	9.22	77	366794	38.797	ng	98
25) Isophorone	9.62	82	650994	38.184	ng	100
26) 2-Nitrophenol	9.73	139	141193	40.772	ng	99
27) 2,4-Dimethylphenol	9.82	122	244549	44.583	ng	97
28) bis(2-Chloroethoxy)methane	9.98	93	366852	34.295	ng	99
29) 2,4-Dichlorophenol	10.12	162	246850	39.540	ng	99
30) 1,2,4-Trichlorobenzene	10.26	180	261522	35.865	ng	99
31) Naphthalene	10.37	128	777885	36.924	ng	99
32) Benzoic acid	10.02	122	172346	43.460	ng	98
33) 4-Chloroaniline	10.47	127	234499	25.650	ng	100
34) Hexachlorobutadiene	10.60	225	167651	36.549	ng	95
35) Caprolactam	11.05	113	81959m	38.091	ng	
36) 4-Chloro-3-methylphenol	11.28	107	305107	41.220	ng	99
37) 2-Methylnaphthalene	11.50	142	550027	38.262	ng	98
38) 1-Methylnaphthalene	11.66	142	513243	37.795	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	279049	35.968	ng	98

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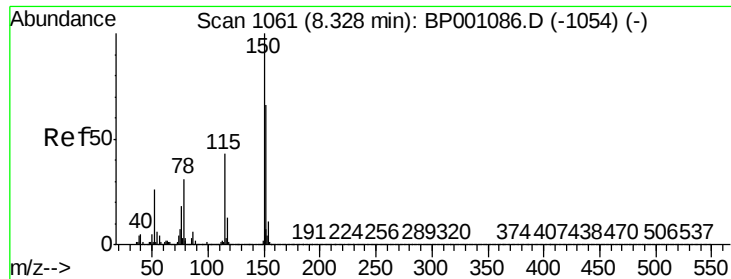
Manual Integrations
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 12/9/2019 3:10:31 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.77	237	225007	62.866	ng	99
43) 2,4,6-Trichlorophenol	11.97	196	192220	37.945	ng	99
44) 2,4,5-Trichlorophenol	12.03	196	204194	38.904	ng	99
46) 1,1'-Biphenyl	12.27	154	683564	35.928	ng	99
47) 2-Chloronaphthalene	12.30	162	533811	35.125	ng	99
48) 2-Nitroaniline	12.47	65	228830	38.419	ng	99
49) Acenaphthylene	12.97	152	847421	37.200	ng	99
50) Dimethylphthalate	12.80	163	693562	37.669	ng	100
51) 2,6-Dinitrotoluene	12.88	165	147028	37.303	ng	98
52) Acenaphthene	13.26	154	492150	35.915	ng	99
53) 3-Nitroaniline	13.14	138	115651	26.121	ng	97
54) 2,4-Dinitrophenol	13.32	184	133060	82.415	ng	91
55) Dibenzofuran	13.55	168	778463	37.805	ng	99
56) 4-Nitrophenol	13.45	139	254572	81.142	ng	92
57) 2,4-Dinitrotoluene	13.54	165	202164	40.921	ng	93
58) Fluorene	14.10	166	624712	37.861	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.75	232	175073	40.578	ng	98
60) Diethylphthalate	13.97	149	716283	37.571	ng	99
61) 4-Chlorophenyl-phenylether	14.12	204	315741	37.578	ng	97
62) 4-Nitroaniline	12.47	138	180383	35.140	ng	99
63) Azobenzene	14.39	77	785736	38.129	ng	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	94210	44.887	ng	91
66) n-Nitrosodiphenylamine	14.32	169	552320	36.758	ng	99
67) 4-Bromophenyl-phenylether	14.92	248	192587	35.871	ng	96
68) Hexachlorobenzene	15.00	284	210658	35.690	ng	97
69) Atrazine	15.22	200	189428	41.289	ng	99
70) Pentachlorophenol	15.32	266	268045	87.131	ng	99
71) Phenanthrene	15.64	178	967978	37.232	ng	99
72) Anthracene	15.72	178	975898	38.083	ng	99
73) Carbazole	15.96	167	905704	38.841	ng	100
74) Di-n-butylphthalate	16.52	149	1213624	38.710	ng	99
75) Fluoranthene	17.35	202	1118975	40.655	ng	99
77) Benzidine	17.53	184	196096	17.906	ng	99
78) Pyrene	17.66	202	1142804	34.209	ng	99
80) Butylbenzylphthalate	18.54	149	539115	34.939	ng	98
81) Benzo(a)anthracene	19.23	228	1043092	35.470	ng	99
82) 3,3'-Dichlorobenzidine	19.20	252	348544	35.876	ng	99
83) Chrysene	19.28	228	949991	36.075	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	770073	36.299	ng	99
85) Di-n-octyl phthalate	20.07	149	1336706	35.470	ng	100
86) Indeno(1,2,3-cd)pyrene	22.66	276	1016991	32.769	ng	99
88) Benzo(b)fluoranthene	20.53	252	965999	47.433	ng	99
89) Benzo(k)fluoranthene	20.57	252	966339	49.265	ng	99
90) Benzo(a)pyrene	20.94	252	862167	45.961	ng	98
91) Dibenzo(a,h)anthracene	22.69	278	863254	47.024	ng	99
92) Benzo(g,h,i)perylene	23.15	276	848235	46.794	ng	98

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



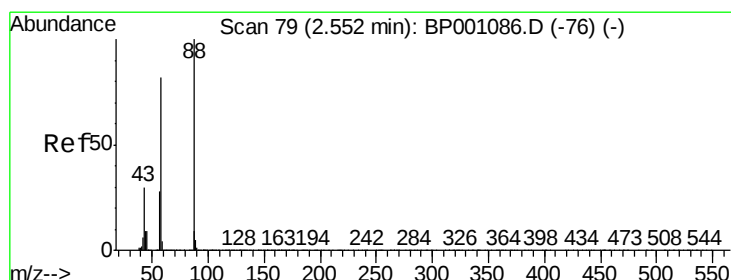
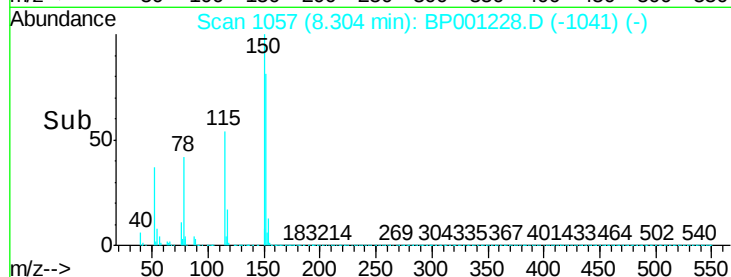
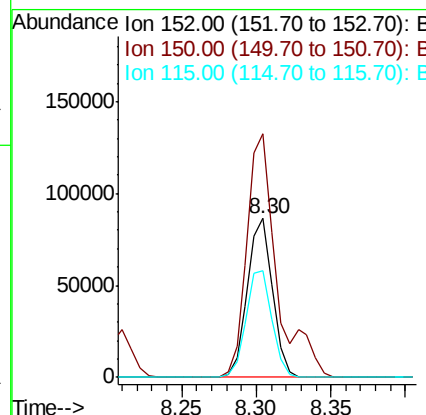
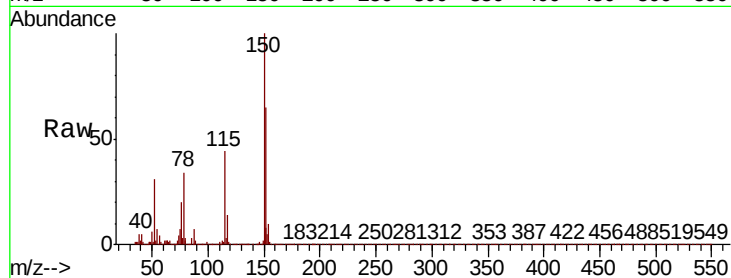
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	127.3	190.9
115	66.9	56.0	84.0

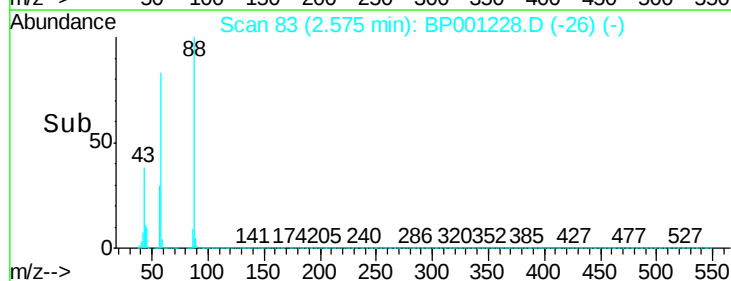
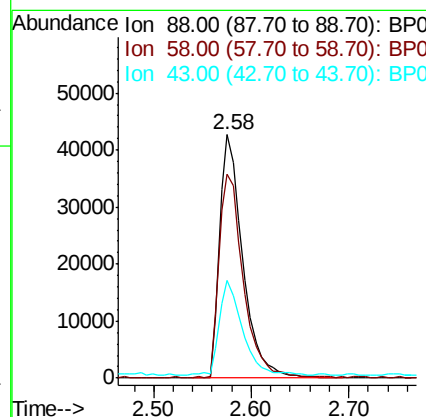
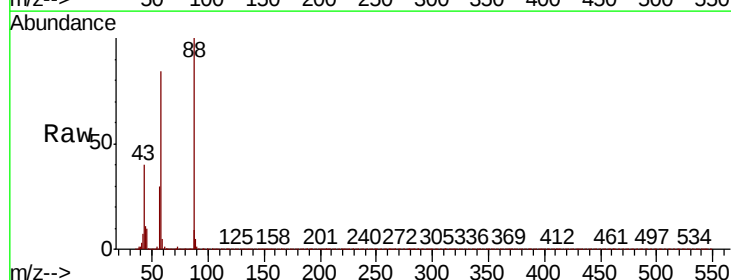
Manual Integrations
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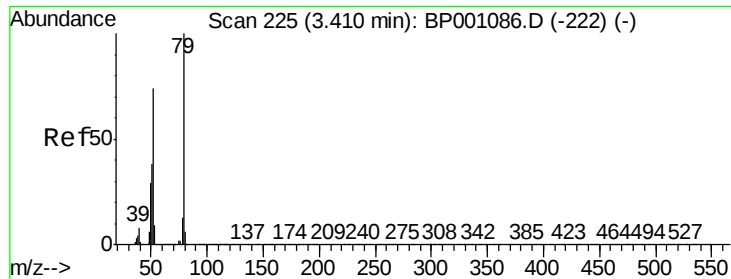
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#2
1,4-Dioxane
Concen: 24.918 ng
RT: 2.58 min Scan# 83
Delta R.T. 0.04 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.4	67.8	101.6
43	38.4	28.0	42.0





#3

Pvridine

Concen: 22.415 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.05 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

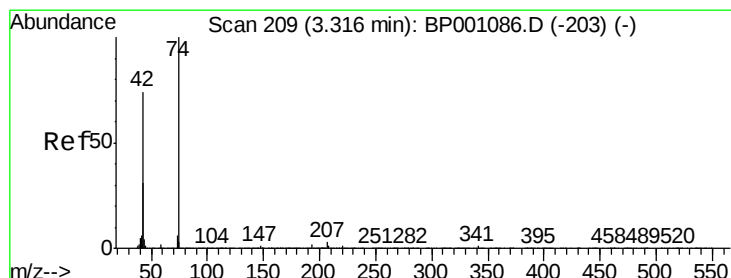
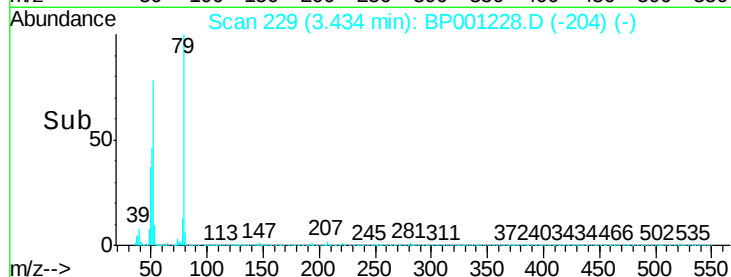
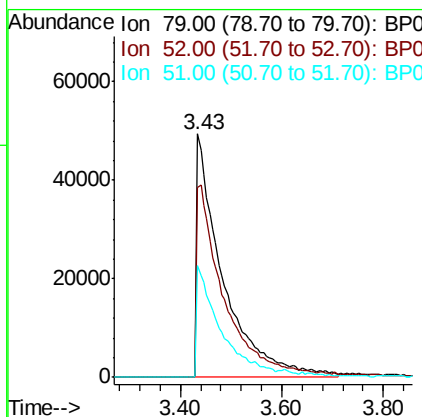
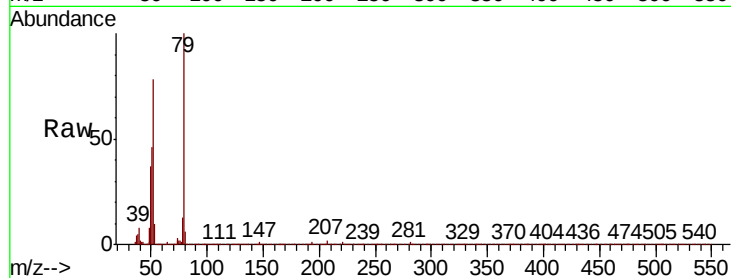
ClientSampleId :

PB125231BS

Tot Ion:	79	Resp:	175328
Ion Ratio	Lower	Upper	
79	100		
52	77.9	65.1	97.7
51	46.1	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 45.171 ng

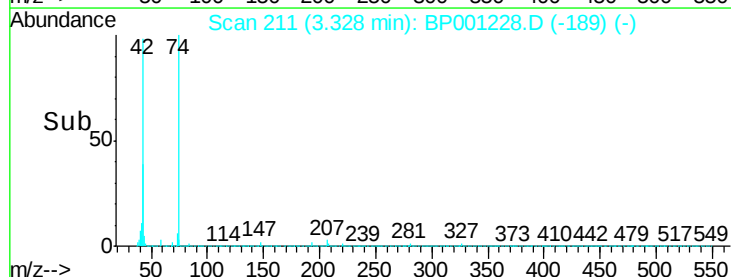
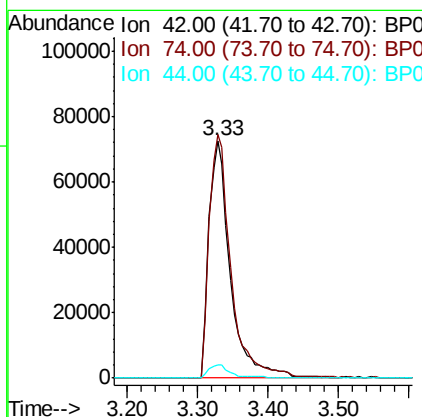
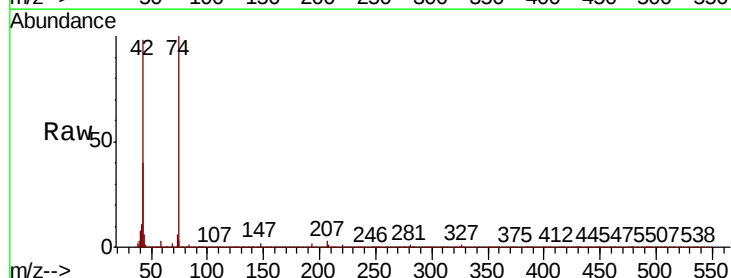
RT: 3.33 min Scan# 211

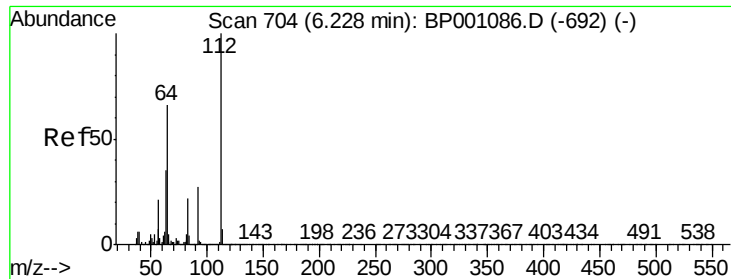
Delta R.T. 0.03 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:	42	Resp:	152894
Ion Ratio	Lower	Upper	
42	100		
74	102.5	91.4	137.0
44	5.7	4.9	7.3





#5

2-Fluorophenol

Concen: 124.052 ng

RT: 6.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

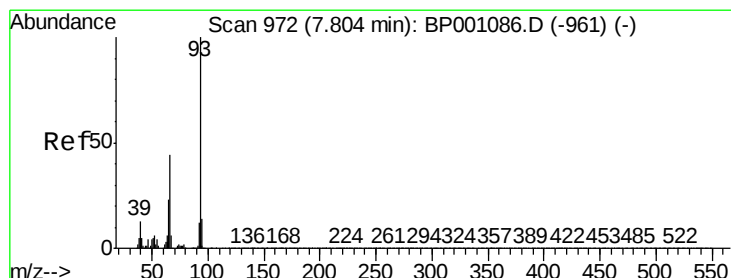
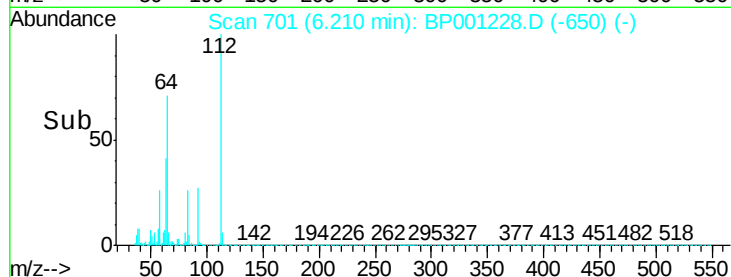
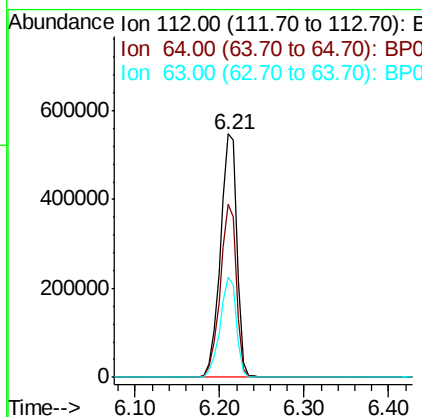
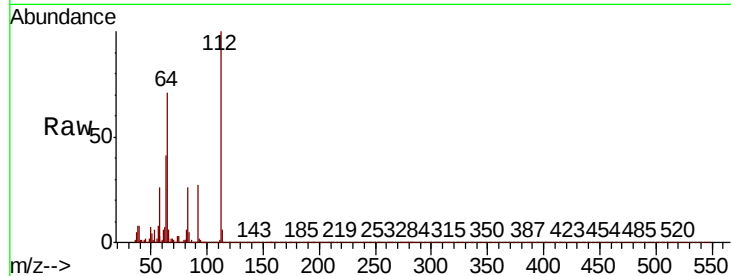
ClientSampleId :

PB125231BS

Tot Ion:	112	Resp:	748632
Ion Ratio	Lower	Upper	
112	100		
64	71.2	56.8	85.2
63	41.2	32.2	48.2

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#6

Aniline

Concen: 28.035 ng

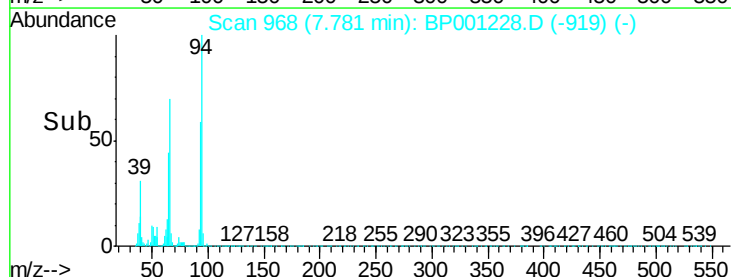
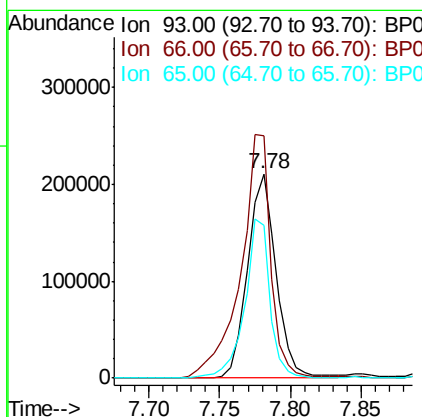
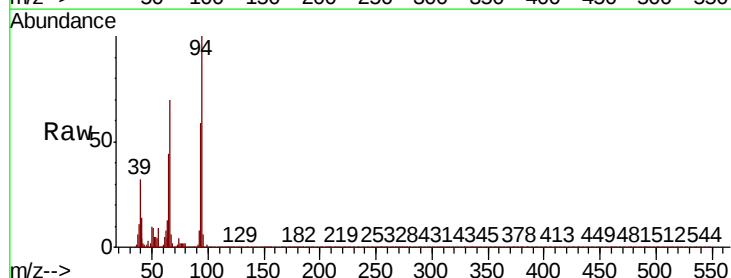
RT: 7.78 min Scan# 968

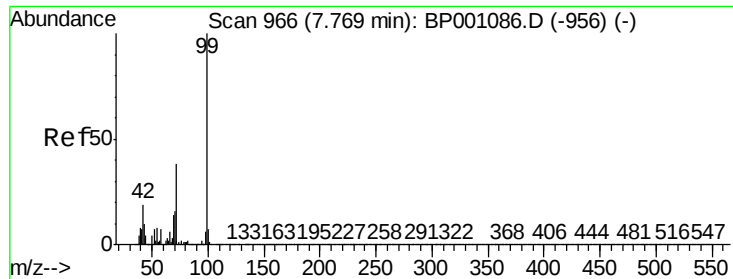
Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:	93	Resp:	298850
Ion Ratio	Lower	Upper	
93	100		
66	118.6	36.8	55.2#
65	74.7	19.8	29.8#





#7

Phenol-d6

Concen: 122.983 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

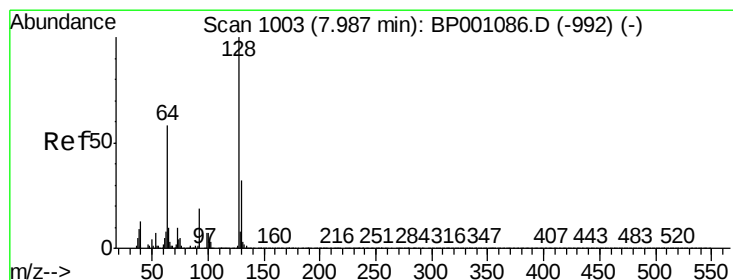
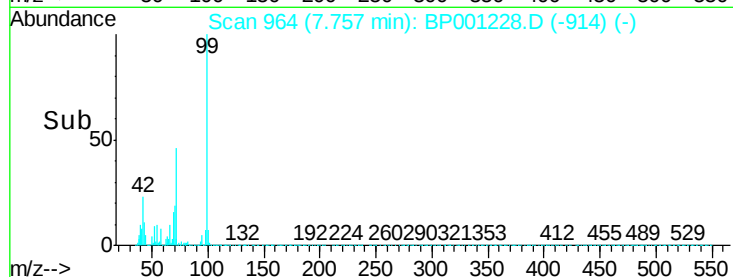
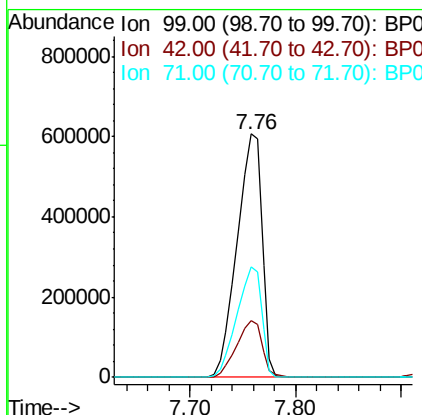
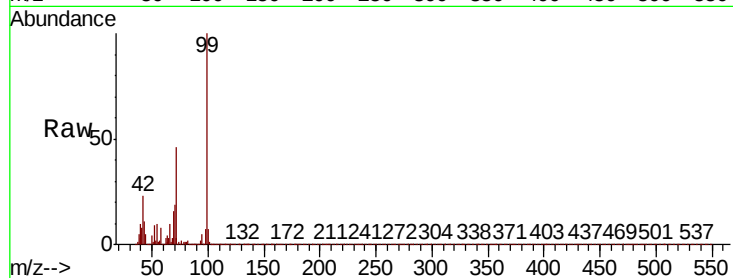
ClientSampleId :

PB125231BS

Tot Ion:	99	Resp:	988770
Ion Ratio	Lower	Upper	
99	100		
42	23.4	17.6	26.4
71	45.6	33.8	50.8

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#8

2-Chlorophenol

Concen: 43.347 ng

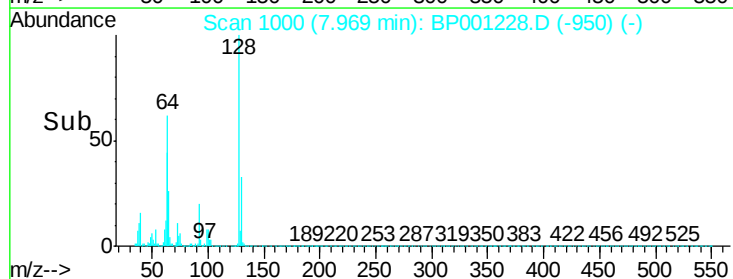
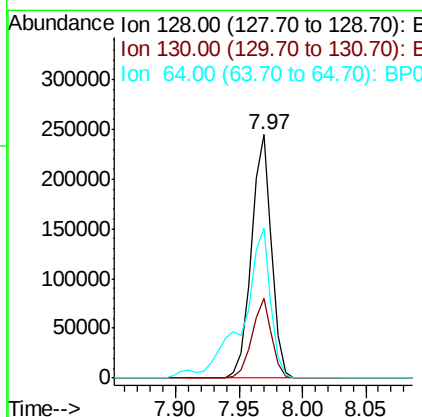
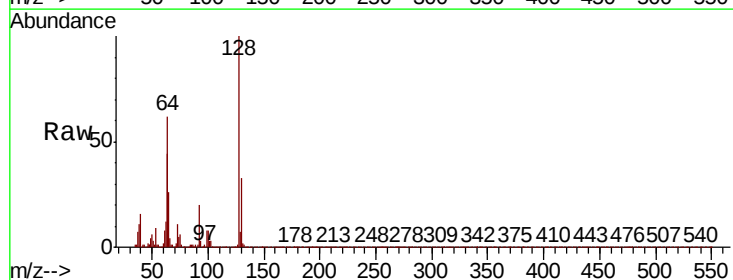
RT: 7.97 min Scan# 1000

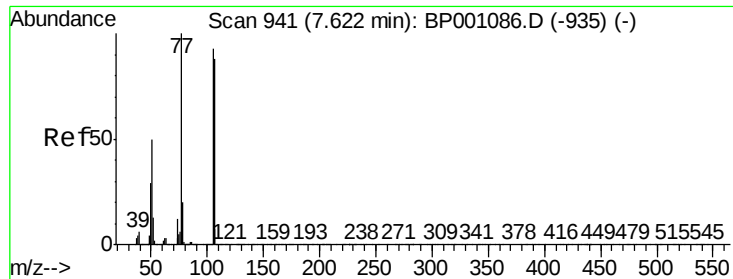
Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:	128	Resp:	270651
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.4	52.4
64	61.9	38.9	78.9





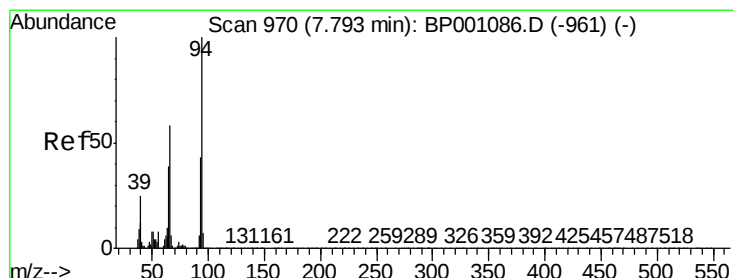
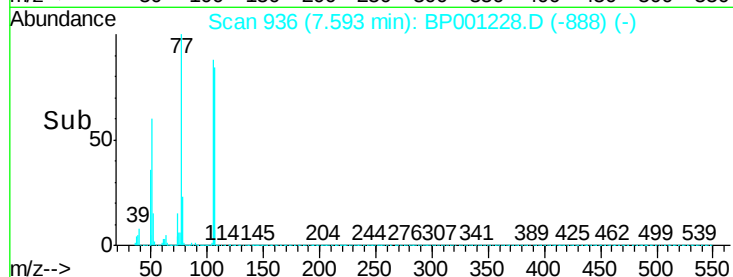
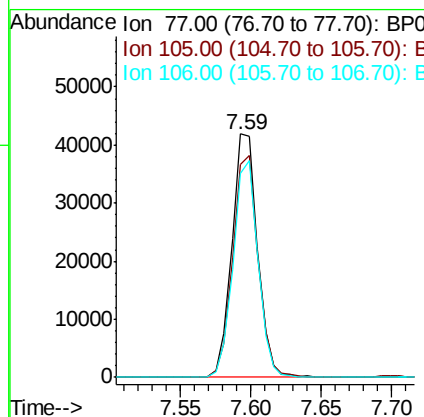
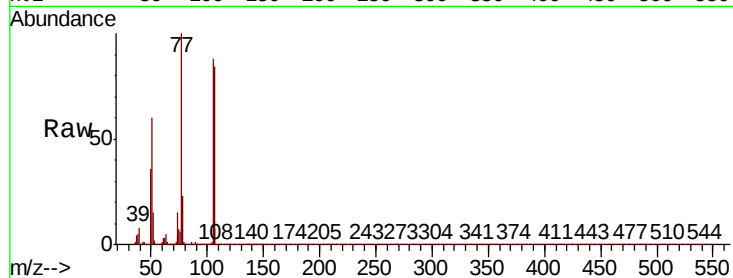
#9
Benzaldehyde
Concen: 5.489 ng
RT: 7.59 min Scan# 936
Delta R.T. -0.02 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
105	105	87.6	69.7	109.7
106	106	84.0	67.1	107.1

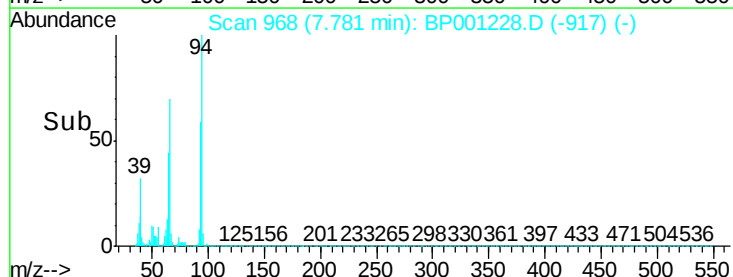
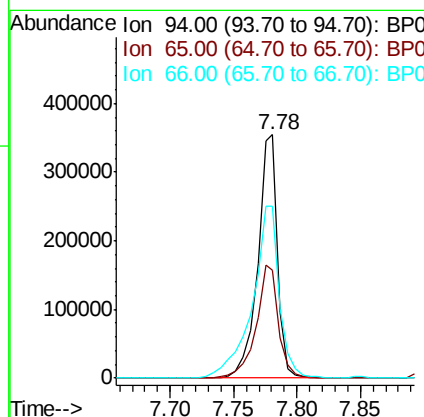
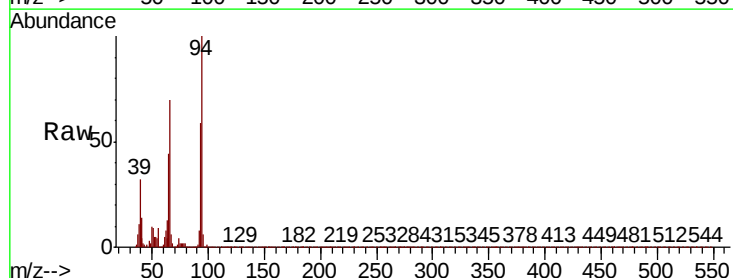
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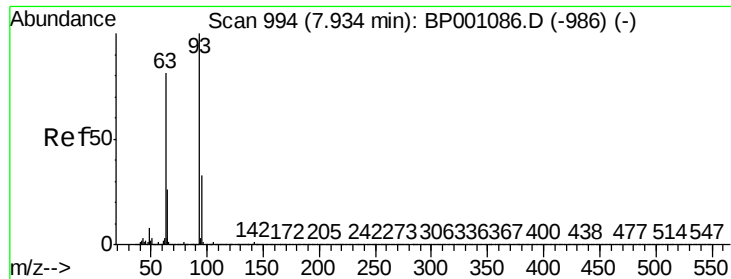
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#10
Phenol
Concen: 42.317 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ion	Ratio	Lower	Upper
94	94	100		
65	65	44.4	25.6	65.6
66	66	70.4	52.6	92.6





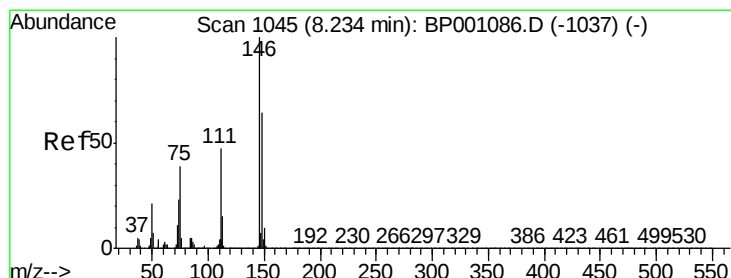
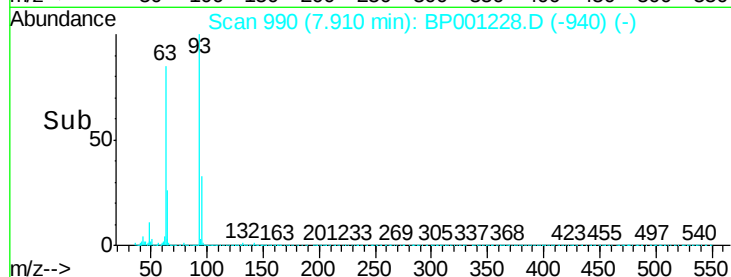
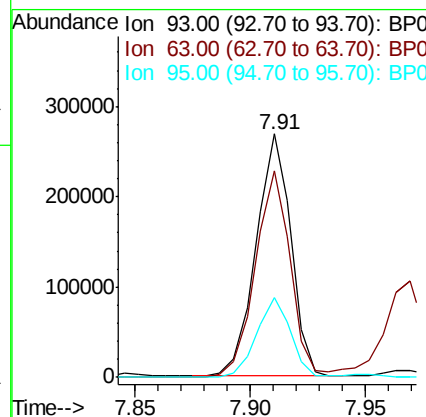
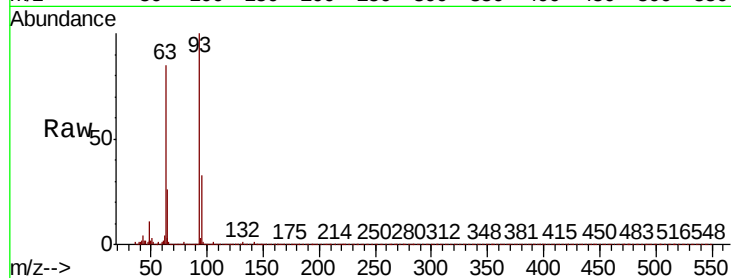
#11
bis(2-Chloroethyl)ether
Concen: 39.700 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		282719		
63	84.8	65.8	105.8		
95	32.9	11.7	51.7		

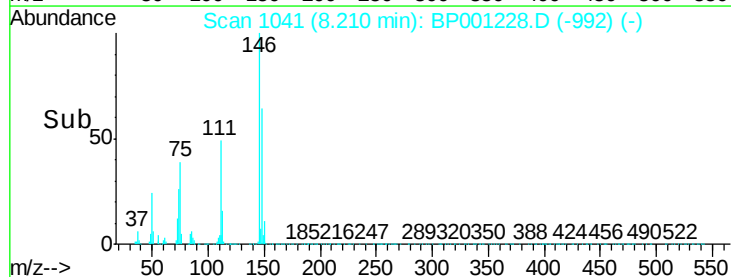
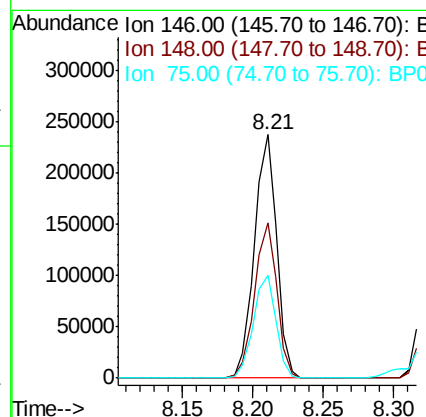
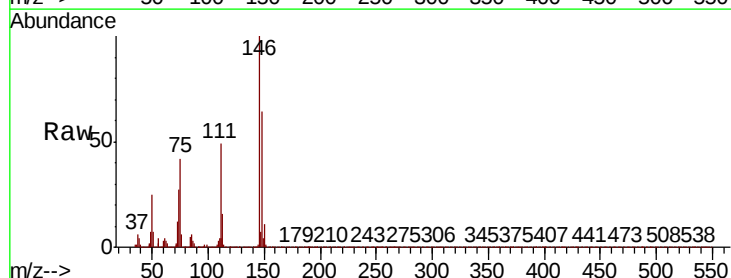
Manual Integrations
APPROVED

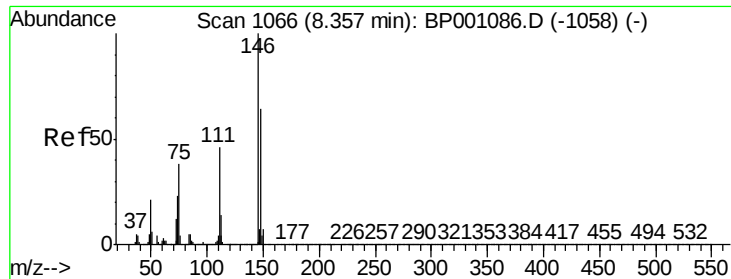
mohammad
12/9/2019 3:10:31 PM



#12
1,3-Dichlorobenzene
Concen: 35.767 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		264698		
148	63.8	51.4	77.0		
75	42.0	32.2	48.2		





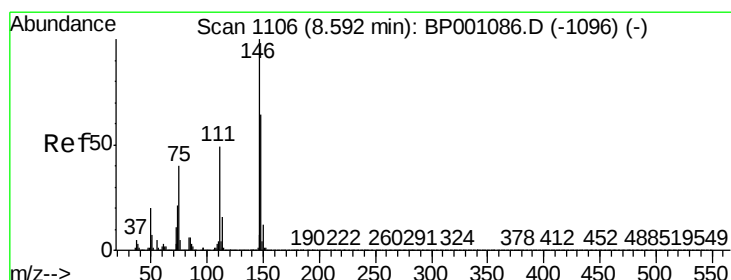
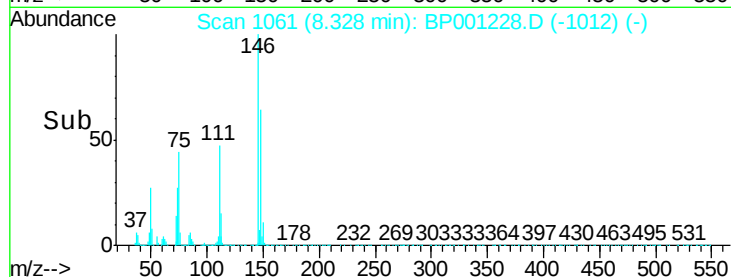
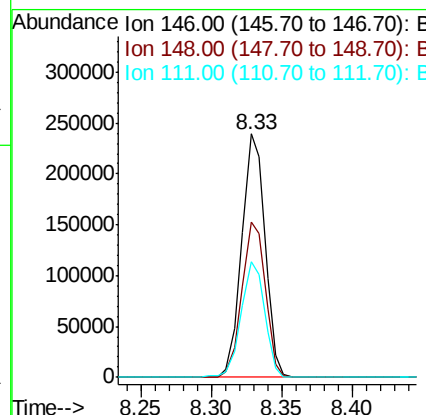
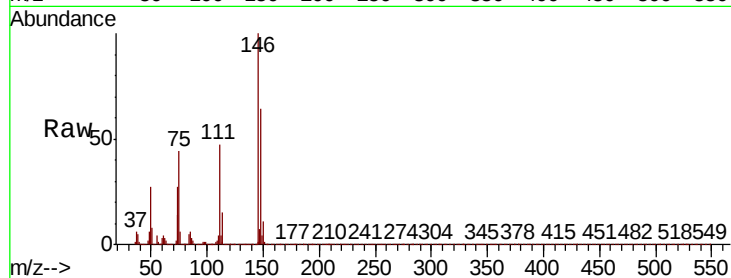
#13
1,4-Dichlorobenzene
Concen: 36.846 ng
RT: 8.33 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	47.3	37.3	55.9

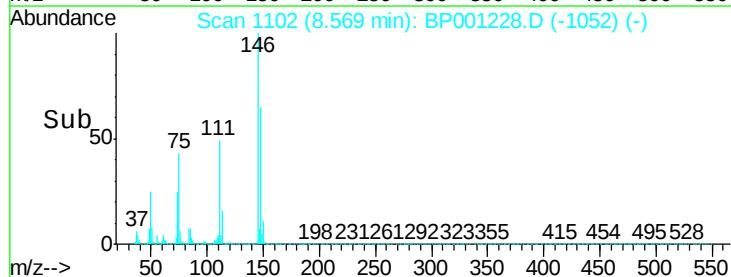
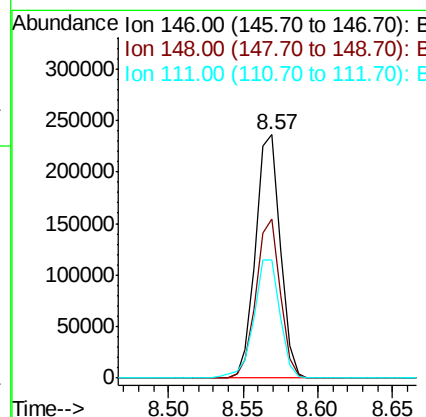
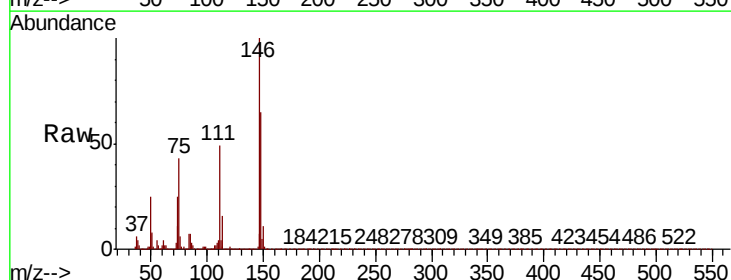
Manual Integrations
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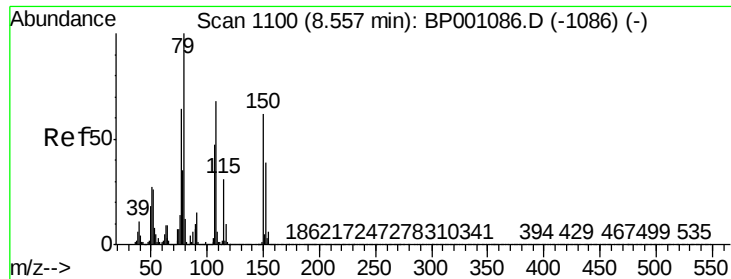
mohammad
12/9/2019 3:10:31 PM



#14
1,2-Dichlorobenzene
Concen: 38.228 ng
RT: 8.57 min Scan# 1102
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.5	77.3
111	48.7	40.7	61.1





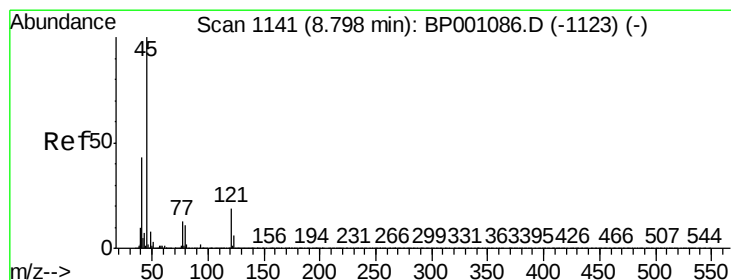
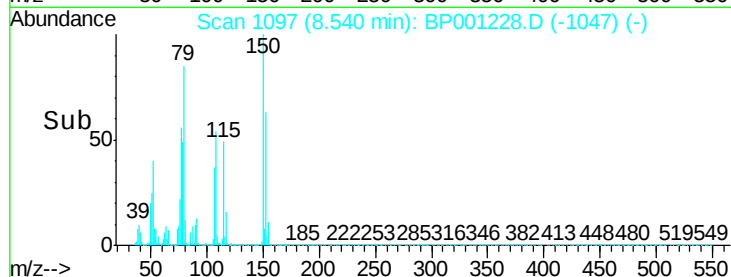
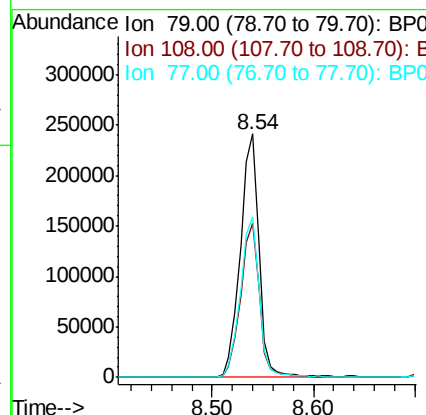
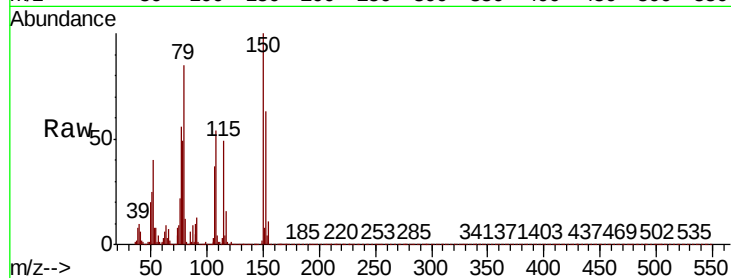
#15
Benzyl Alcohol
Concen: 46.983 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.3	51.6	77.4
77	65.7	53.5	80.3

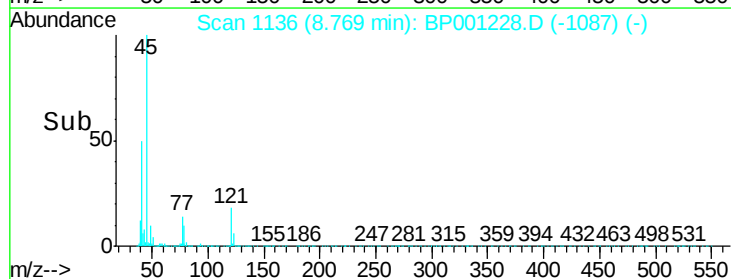
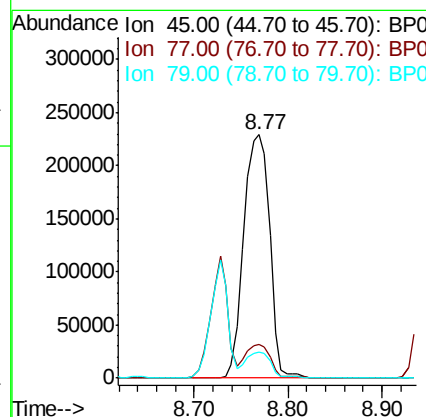
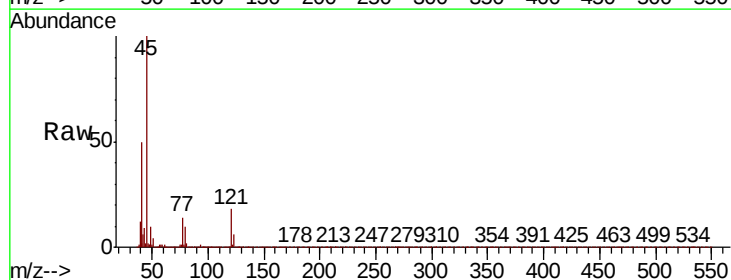
Manual Integrations
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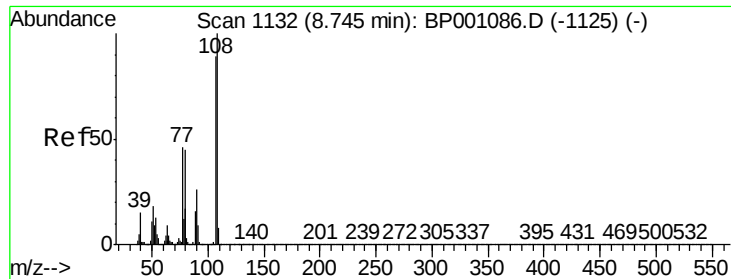
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.179 ng
RT: 8.77 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.8	0.0	33.9
79	10.5	0.0	30.9





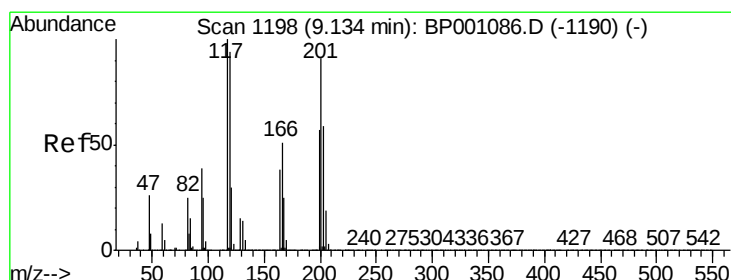
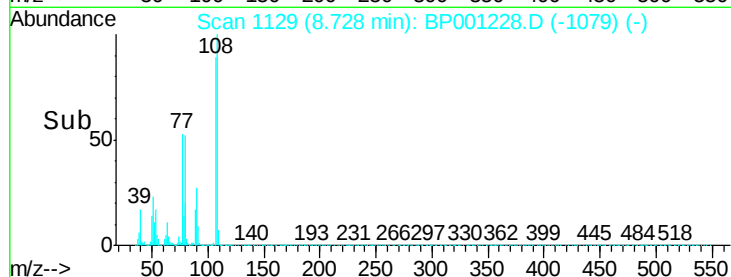
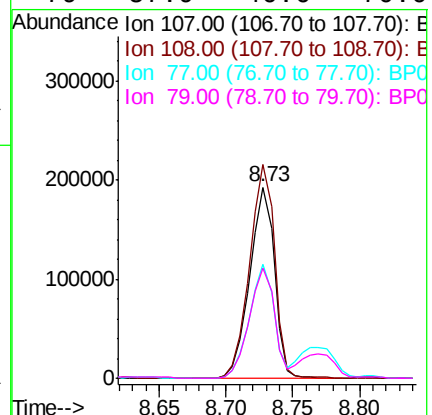
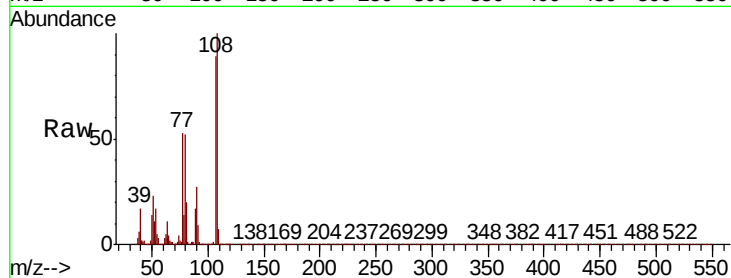
#17
2-Methylphenol
Concen: 42.612 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	88.8	133.2	
77	59.6	46.3	69.5	
79	57.9	46.6	70.0	

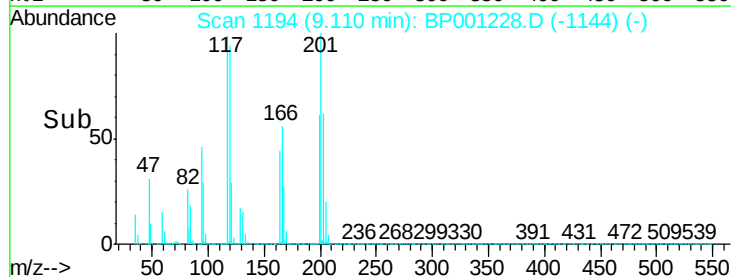
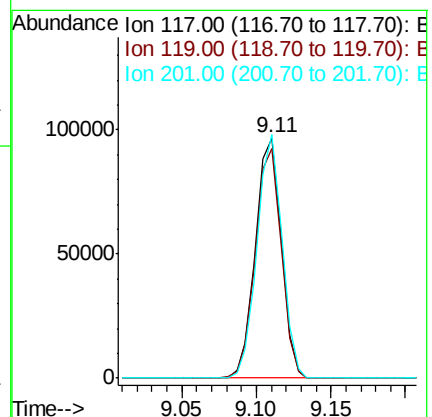
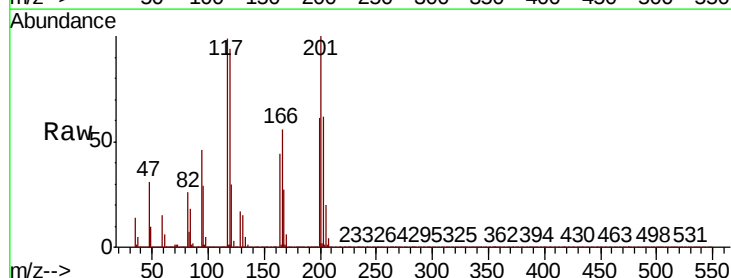
Manual Integrations
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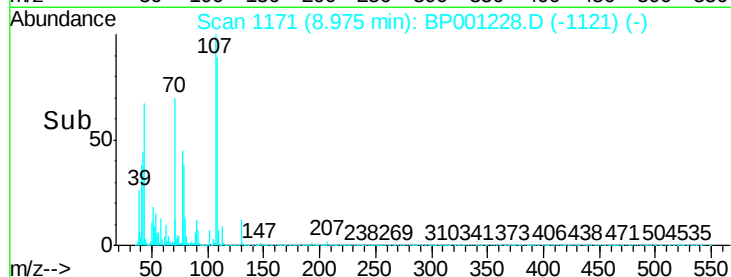
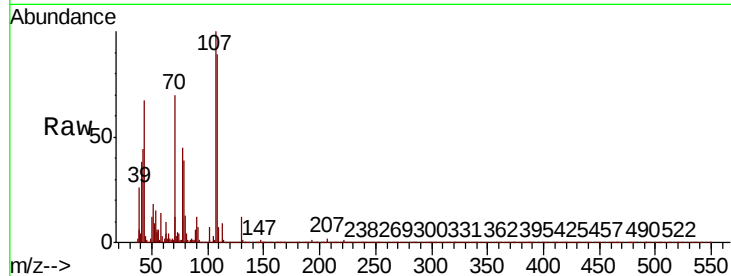
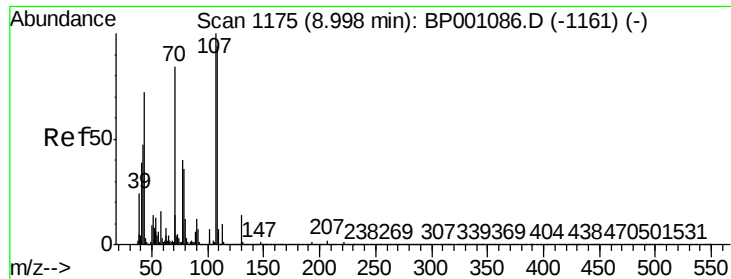
mohammad
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#18
Hexachloroethane
Concen: 37.437 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	78.7	118.1	
201	101.3	75.5	113.3	





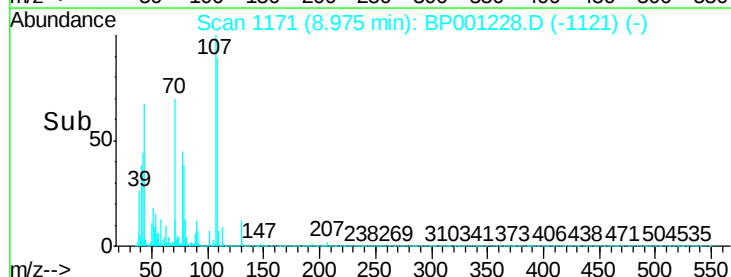
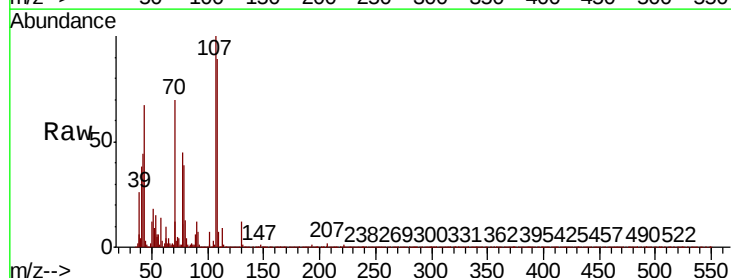
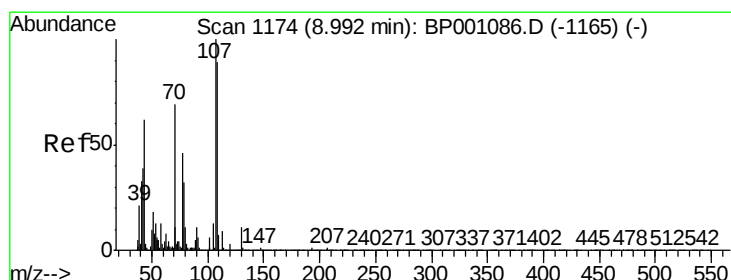
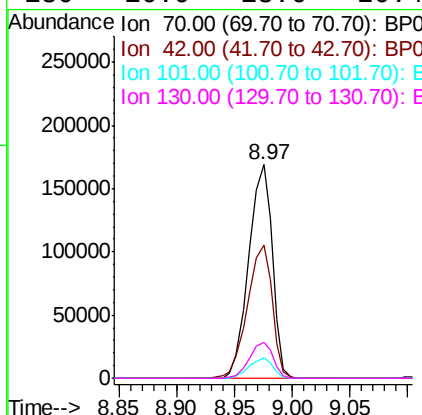
#19
n-Nitroso-di-n-propylamine
Concen: 41.505 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	62.5	50.6	76.0		
101	9.7	7.1	10.7		
130	16.9	13.6	20.4		

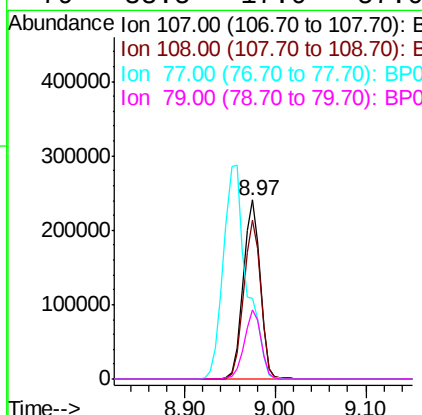
Manual Integrations
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#20
3+4-Methylphenols
Concen: 43.709 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.9	68.3	108.3		
77	44.8	25.2	65.2		
79	38.5	17.0	57.0		





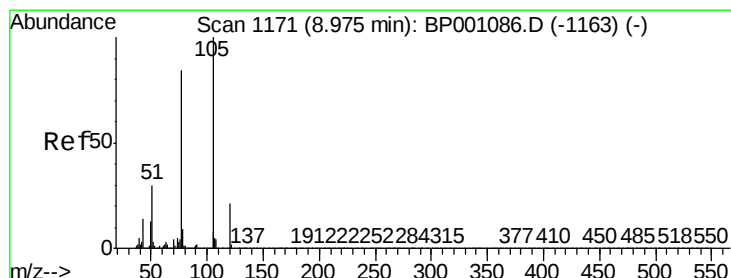
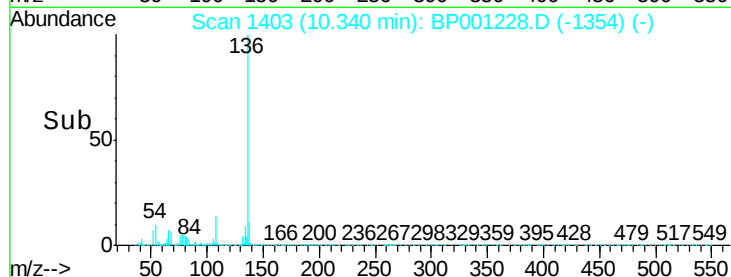
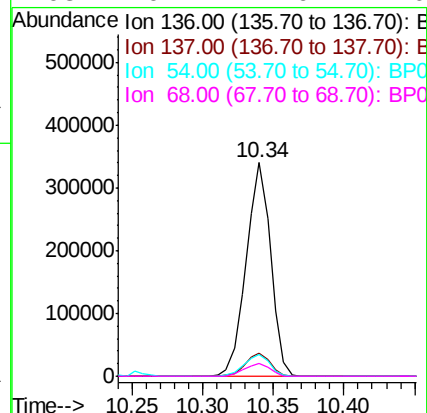
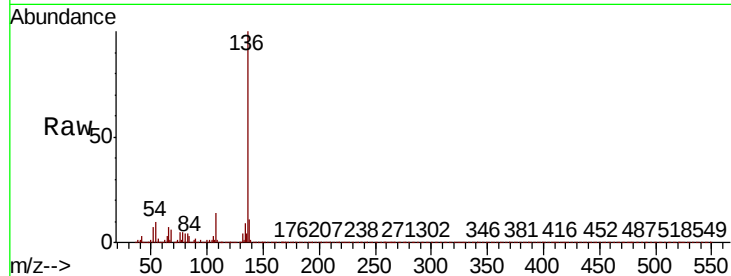
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	412496		
137	10.5	8.4	12.6	
54	10.1	7.4	11.0	
68	6.1	4.6	7.0	

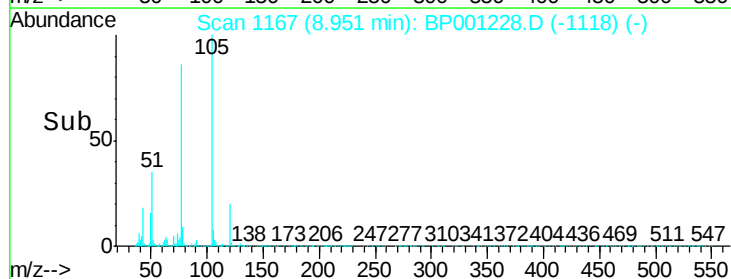
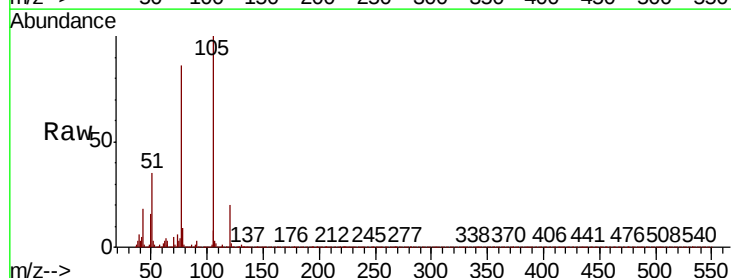
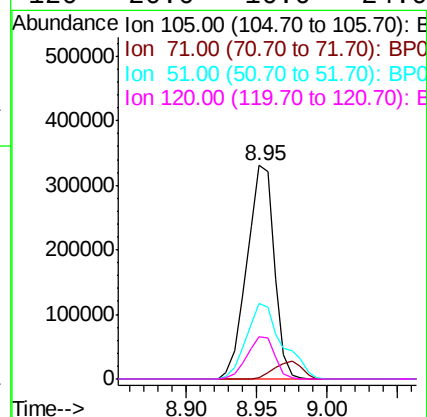
Manual Integrations
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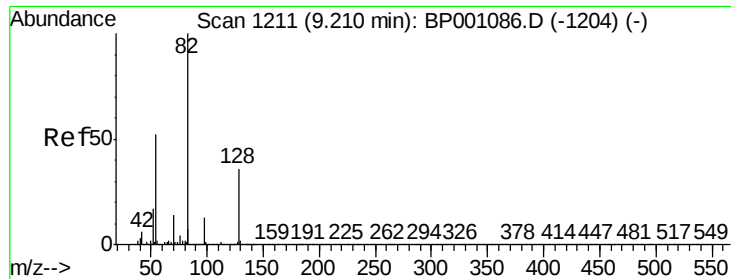
mohammad
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#22
Acetophenone
Concen: 37.009 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	448690		
71	0.8	0.7	1.1	
51	35.2	26.9	40.3	
120	20.0	16.0	24.0	





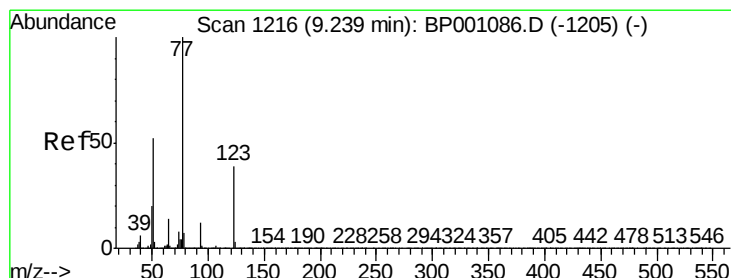
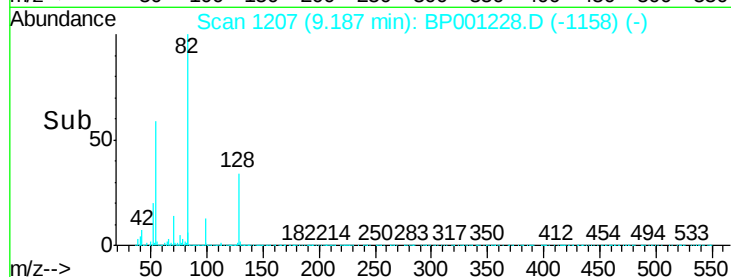
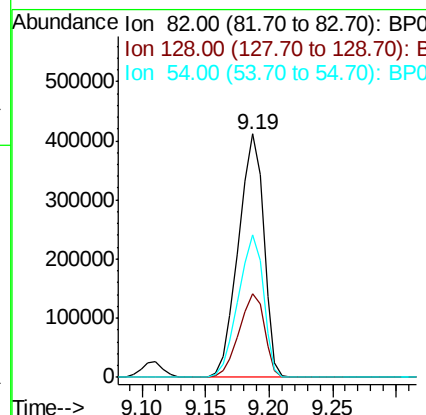
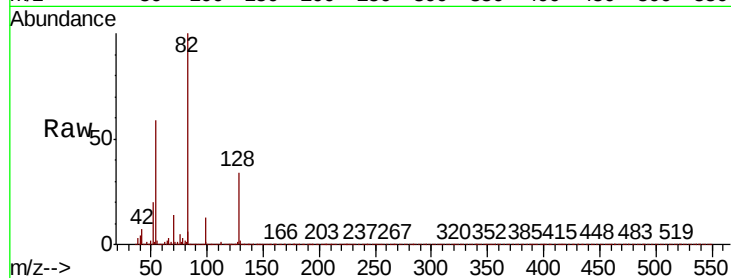
#23
Nitrobenzene-d5
Concen: 59.747 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampled :
PB125231BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.5	41.3
54	58.7	45.7	68.5

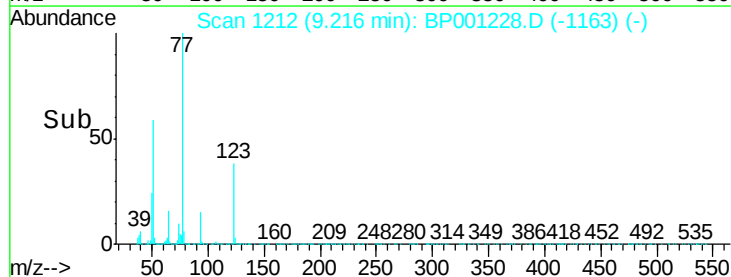
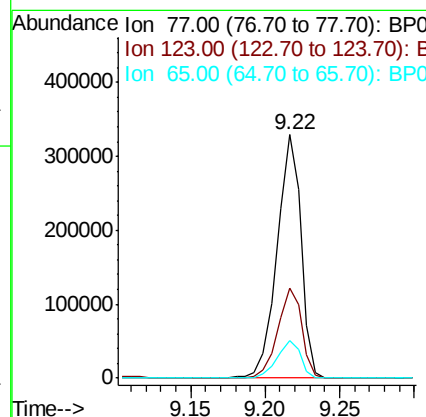
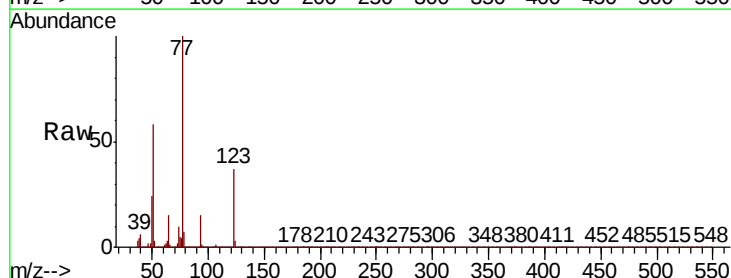
Manual Integrations
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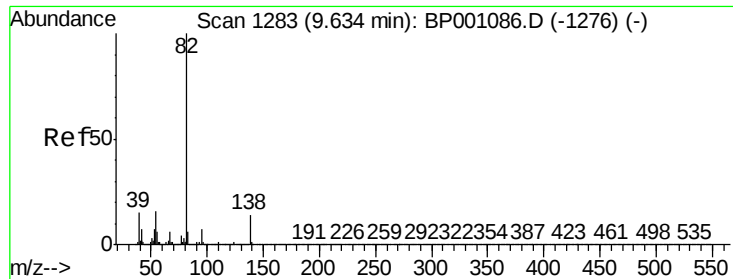
mohammad
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#24
Nitrobenzene
Concen: 38.797 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.8	30.2	45.4
65	15.5	11.9	17.9





#25

Isophorone

Concen: 38.184 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

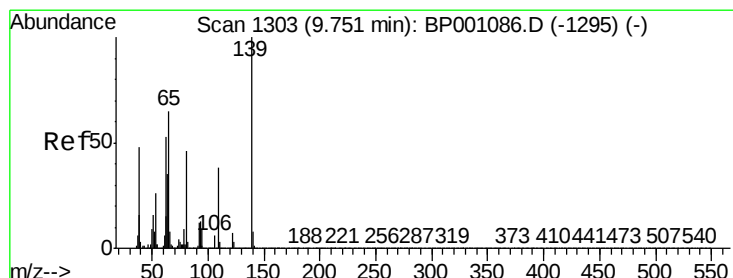
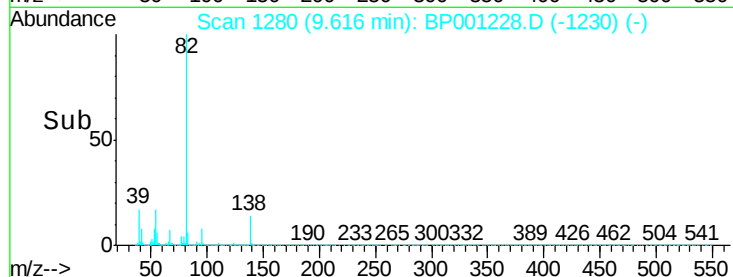
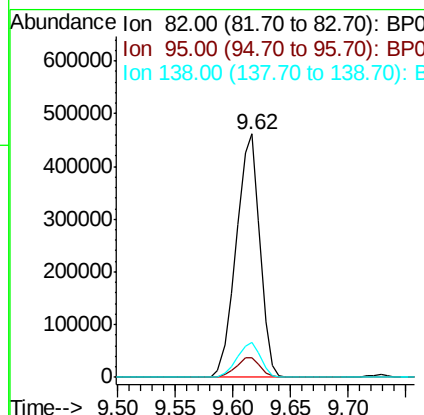
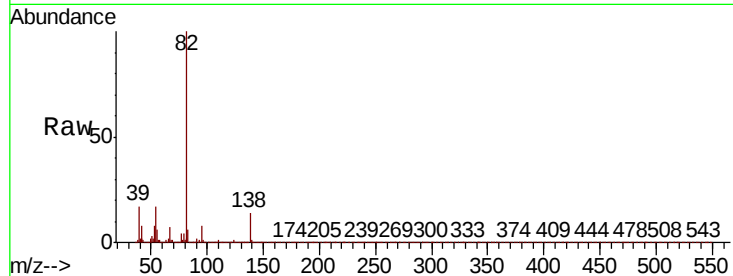
ClientSampleId :

PB125231BS

Tot Ion:	82	Resp:	650994
Ion Ratio	Lower	Upper	
82	100		
95	8.0	6.3	9.5
138	14.4	11.4	17.0

Manual Integrations
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12/9/2019 3:10:31 PM



#26

2-Nitrophenol

Concen: 40.772 ng

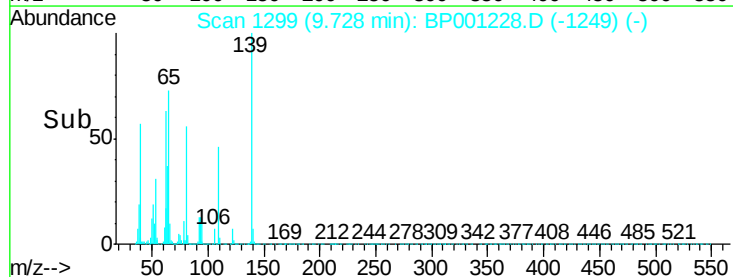
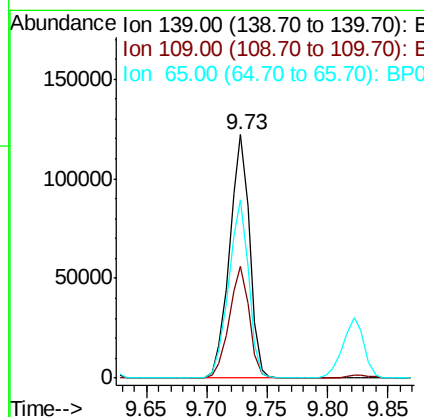
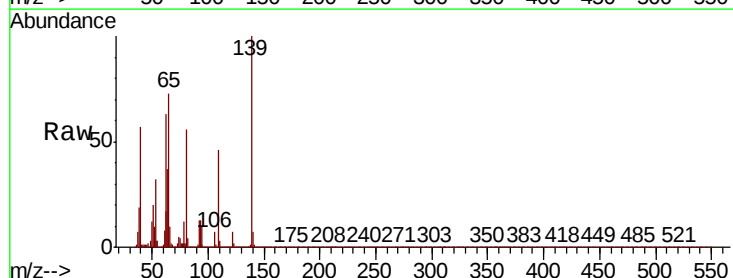
RT: 9.73 min Scan# 1299

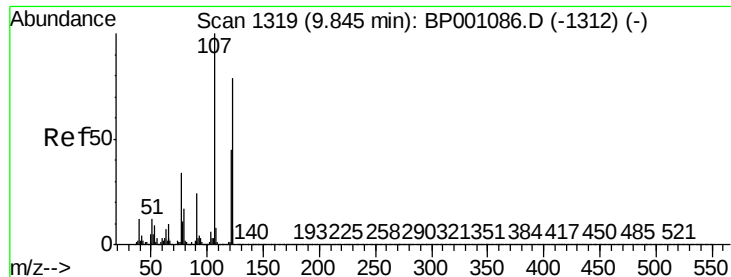
Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:	139	Resp:	141193
Ion Ratio	Lower	Upper	
139	100		
109	45.8	35.5	53.3
65	73.4	59.3	88.9





#27

2,4-Dimethylphenol

Concen: 44.583 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

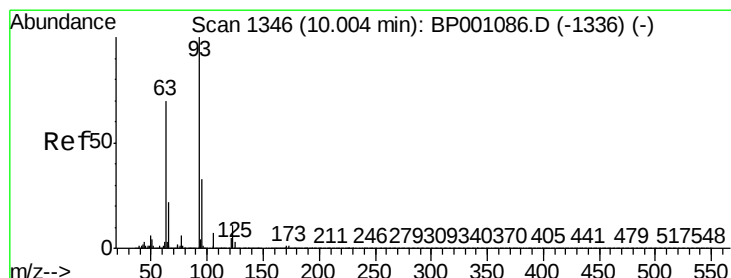
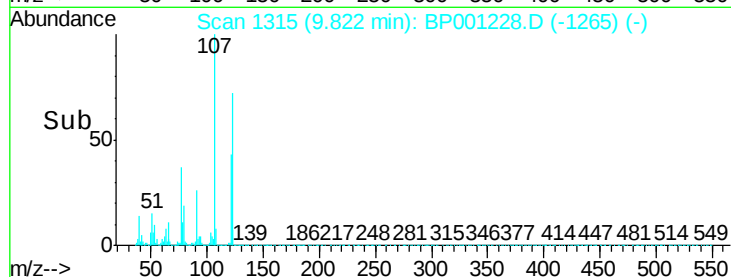
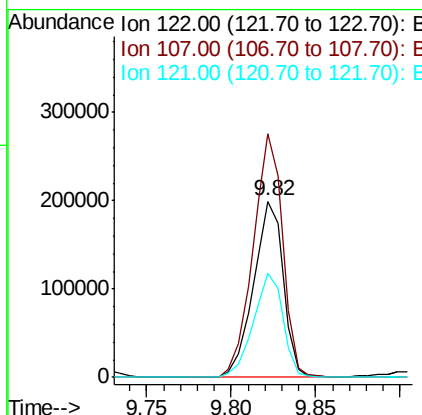
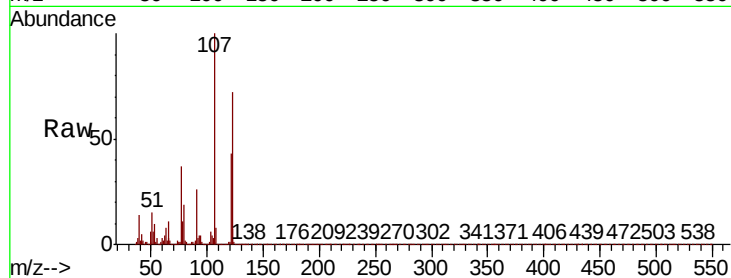
ClientSampleId :

PB125231BS

Tot Ion:	122	Resp:	244549
Ion Ratio	Lower	Upper	
122	100		
107	138.2	106.7	160.1
121	58.8	47.3	70.9

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#28

bis(2-Chloroethoxy)methane

Concen: 34.295 ng

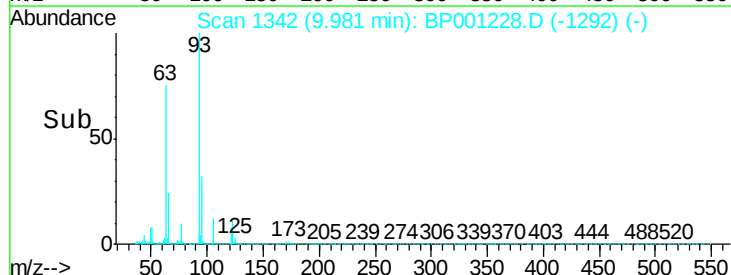
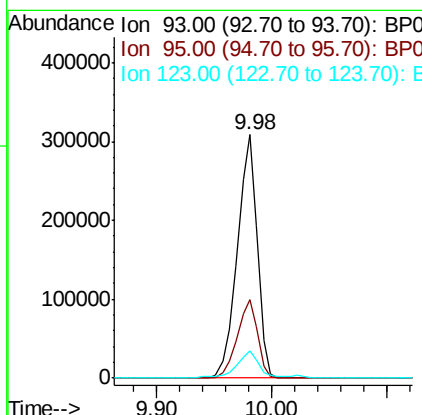
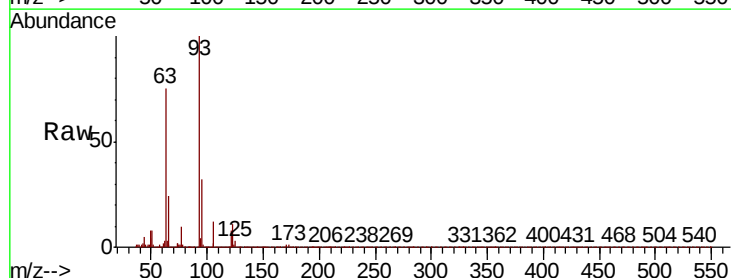
RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BP001228.D

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Tgt Ion:	93	Resp:	366852
Ion Ratio	Lower	Upper	
93	100		
95	32.1	25.8	38.6
123	11.2	8.5	12.7





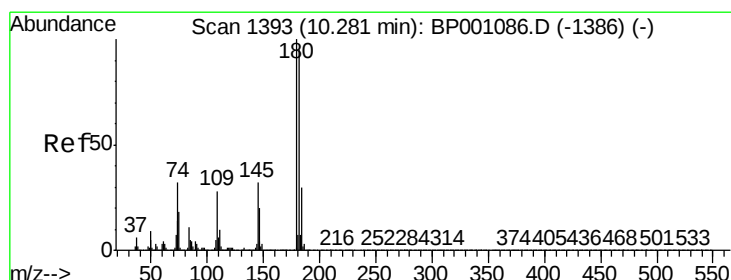
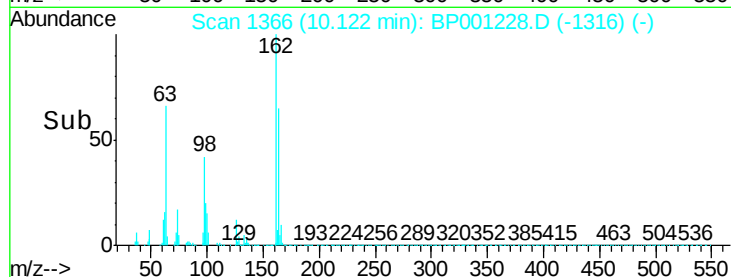
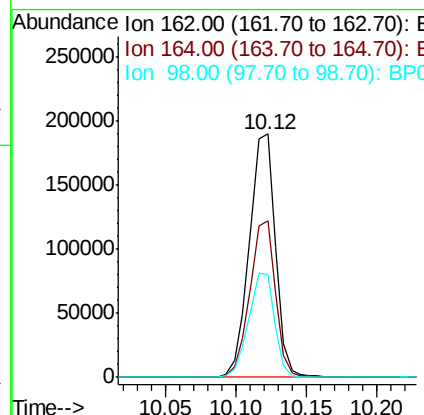
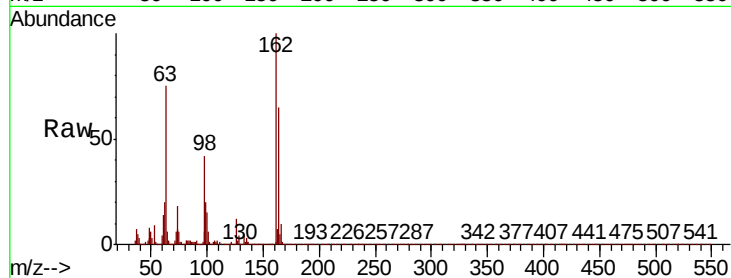
#29
2,4-Dichlorophenol
Concen: 39.540 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.5	44.7	84.7
98	42.2	22.9	62.9

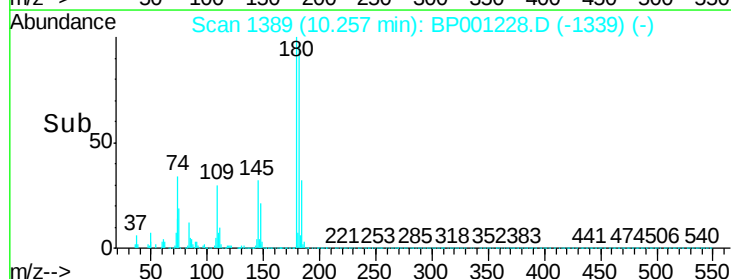
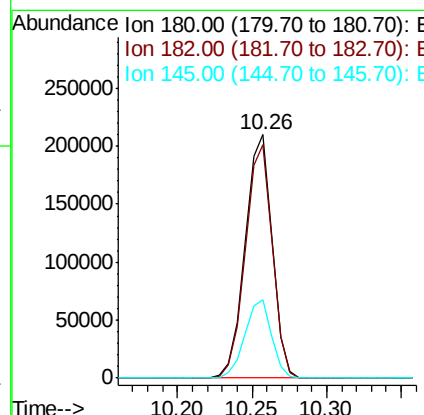
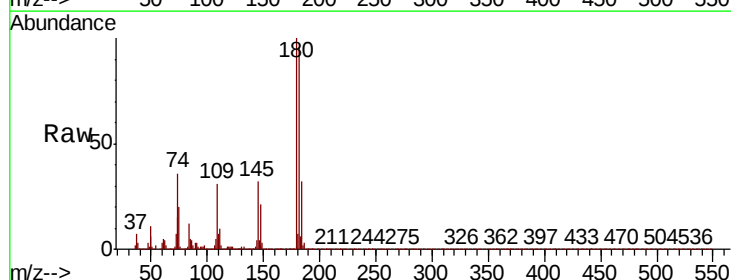
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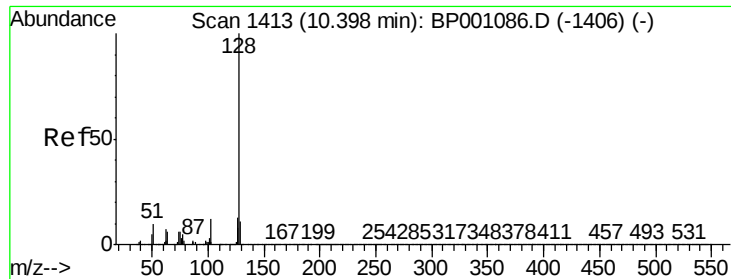
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 35.865 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.8	75.4	113.0
145	32.0	25.1	37.7





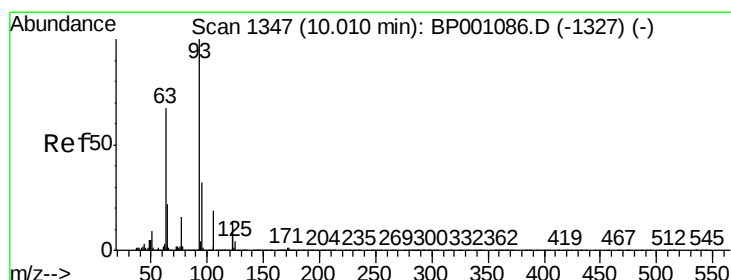
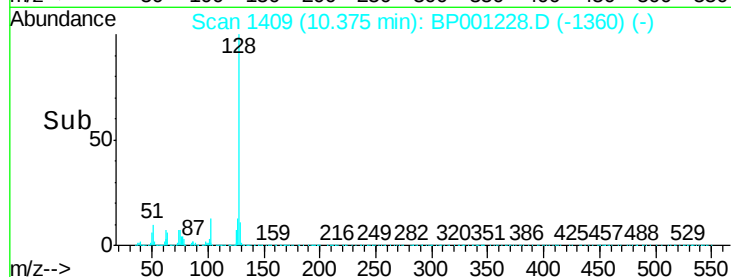
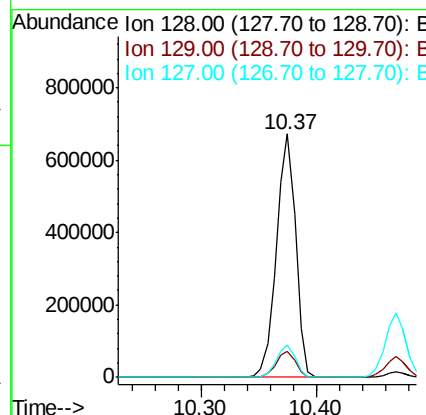
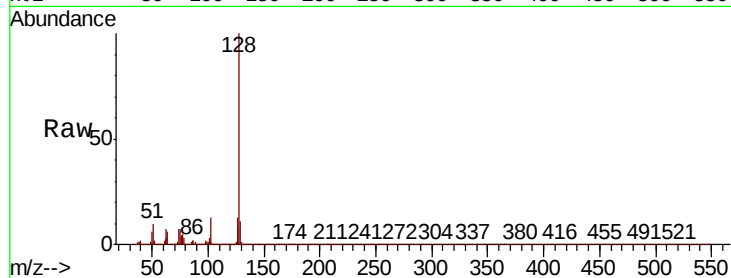
#31
Naphthalene
Concen: 36.924 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.4	10.6	16.0

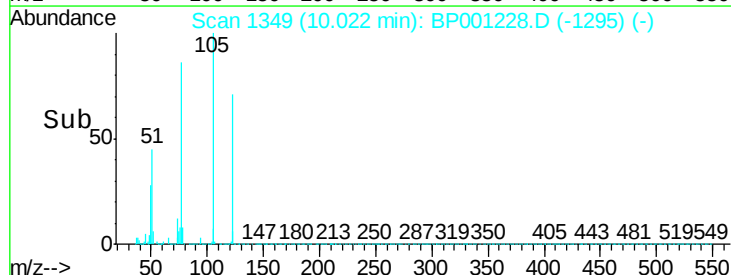
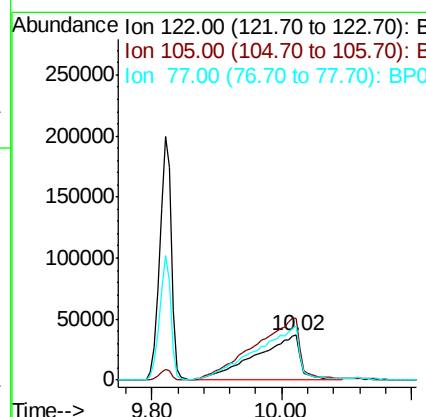
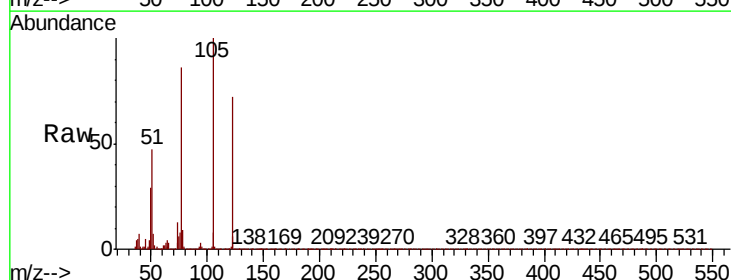
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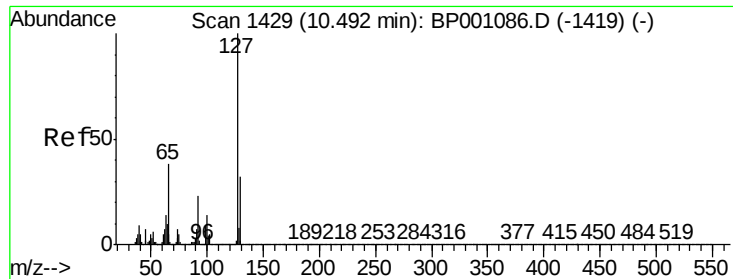
mohammad
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#32
Benzoic acid
Concen: 43.460 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	138.7	122.3	162.3
77	119.8	100.4	140.4





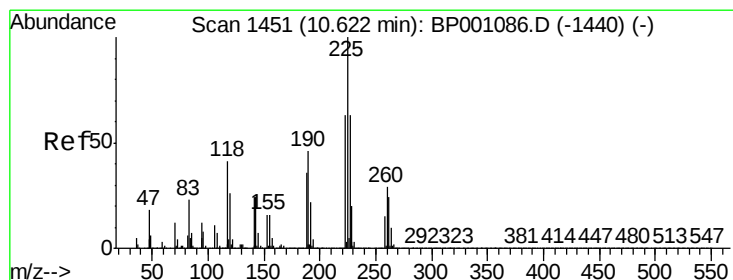
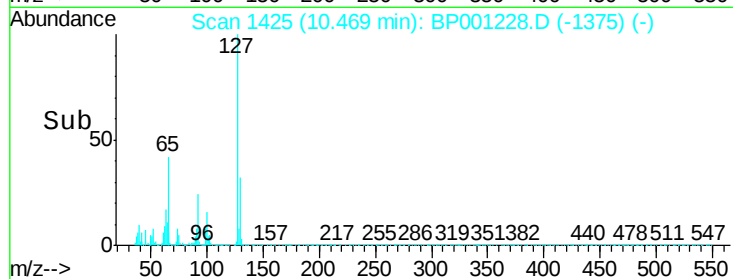
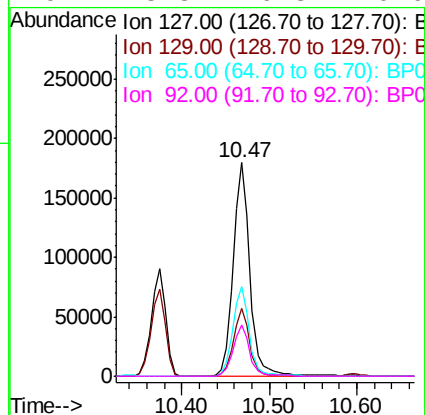
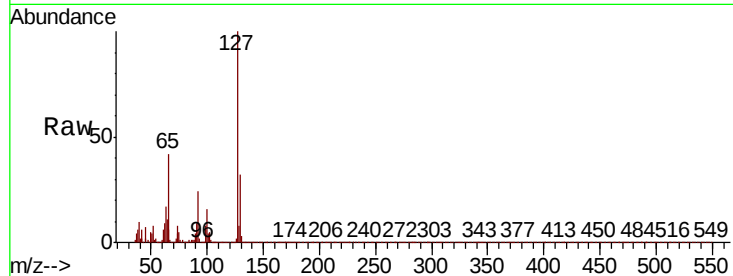
#33
4-Chloroaniline
Concen: 25.650 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampled :
PB125231BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.6	38.4
65	42.0	33.6	50.4
92	23.8	19.8	29.6

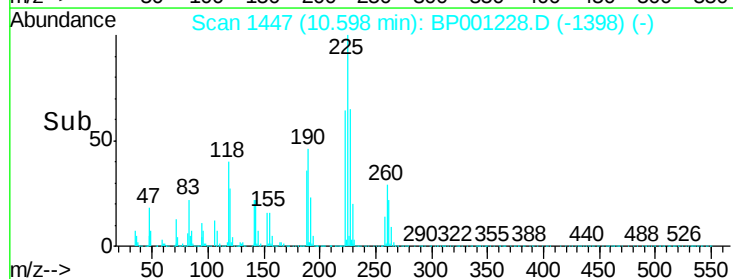
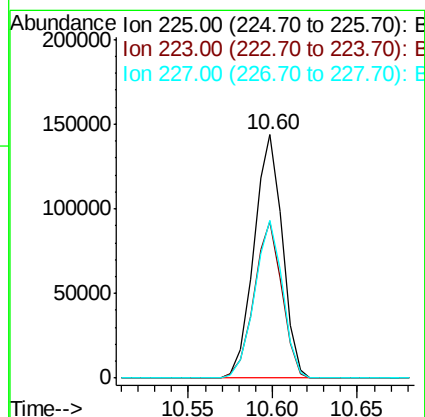
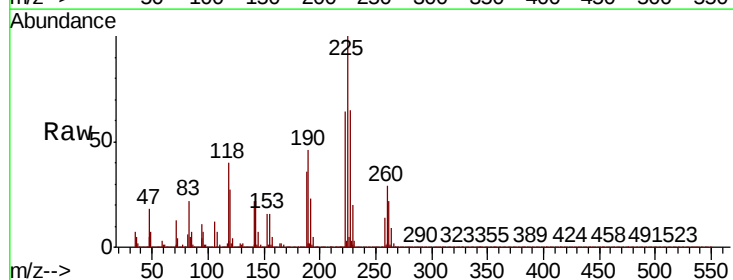
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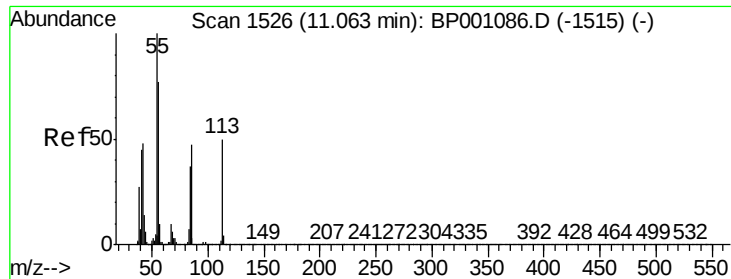
mohammad
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#34
Hexachlorobutadiene
Concen: 36.549 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	47.8	71.6
227	65.0	50.0	75.0





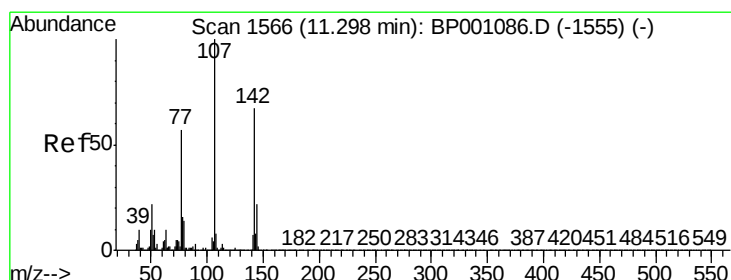
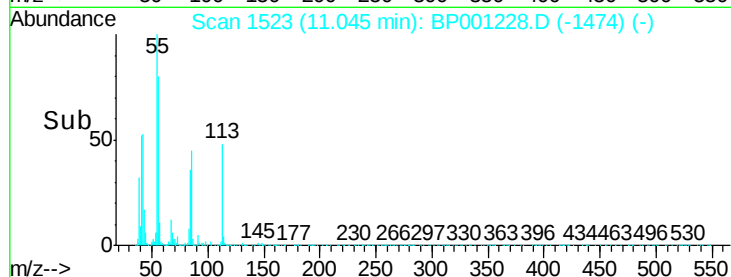
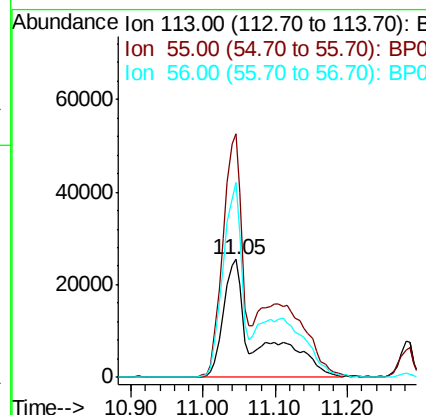
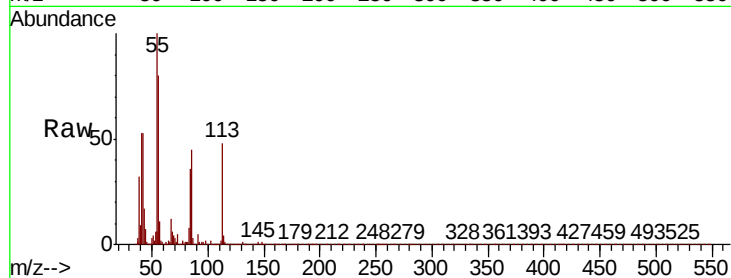
#35
Caprolactam
Concen: 38.091 ng/ml
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	207.1	185.4	225.4
56	166.2	136.9	176.9

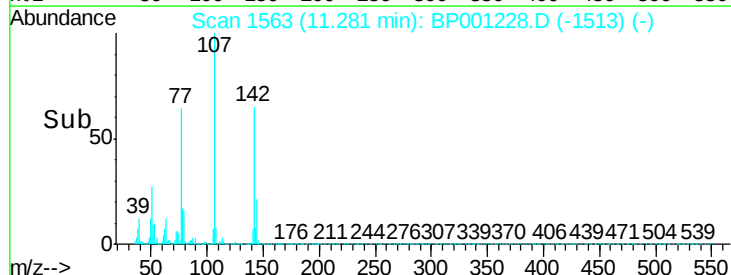
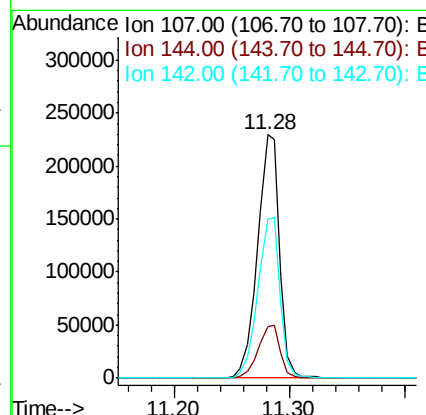
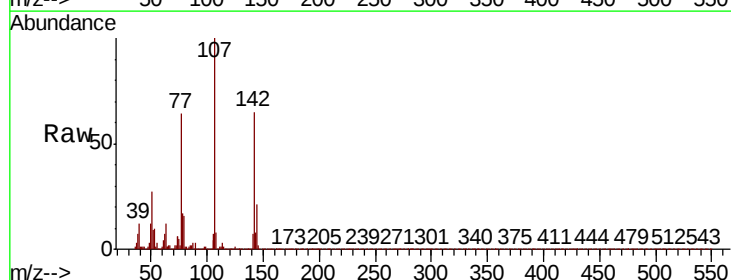
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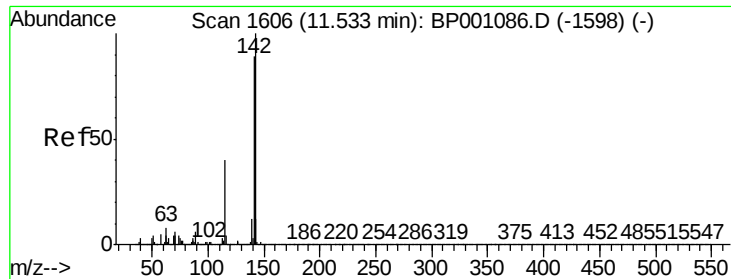
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.220 ng/ml
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.1	16.8	25.2
142	65.3	51.8	77.6





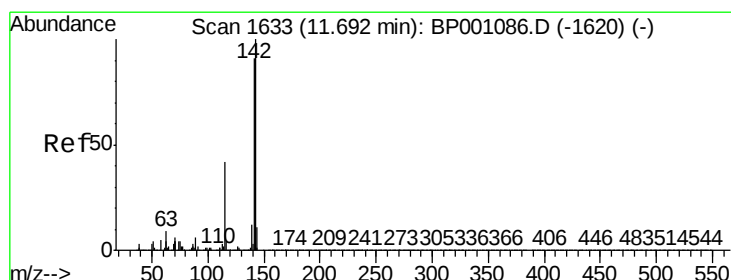
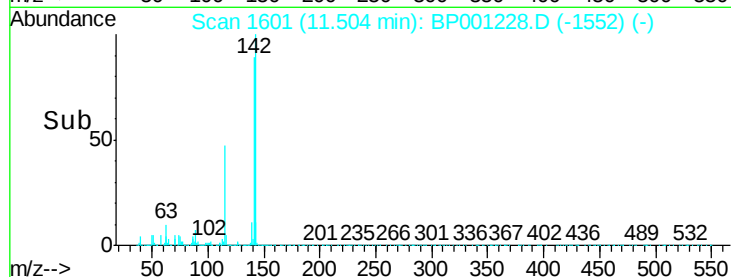
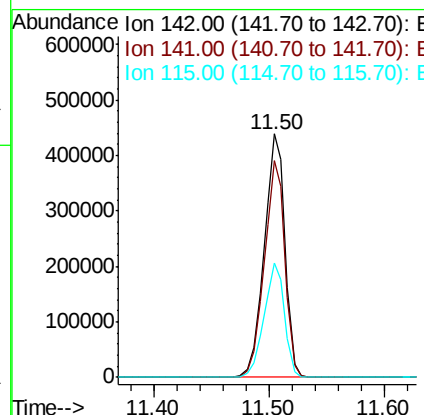
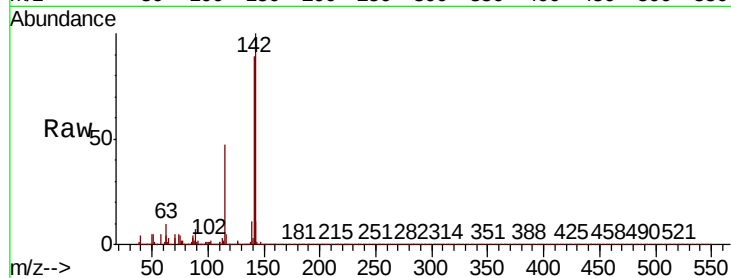
#37
2-Methylnaphthalene
Concen: 38.262 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.6	107.4
115	47.0	36.0	54.0

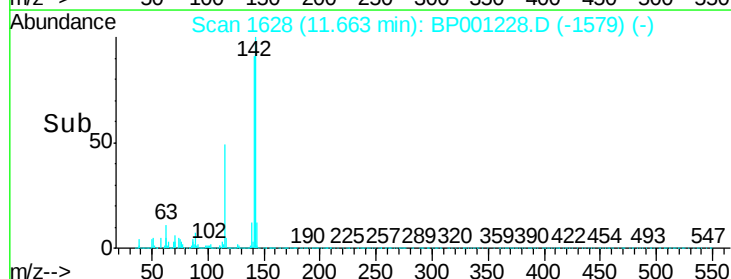
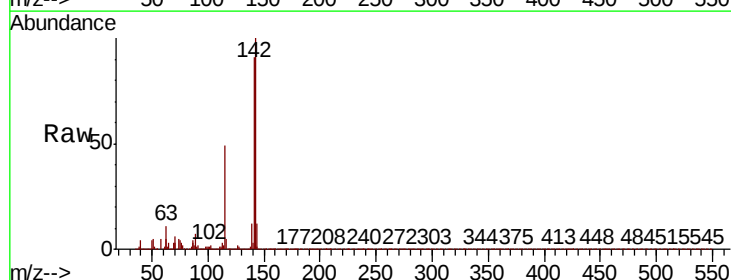
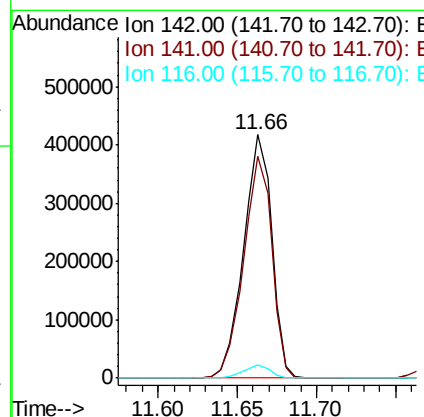
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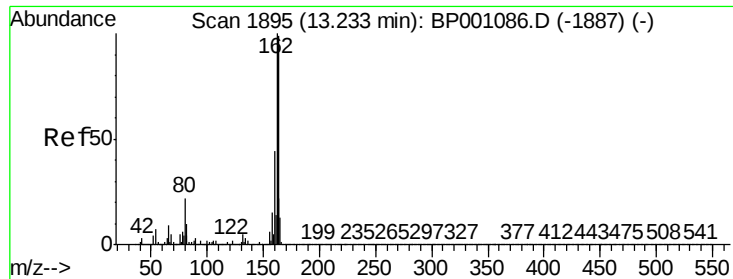
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#38
1-Methylnaphthalene
Concen: 37.795 ng
RT: 11.66 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.7	109.1
116	5.3	3.8	5.6





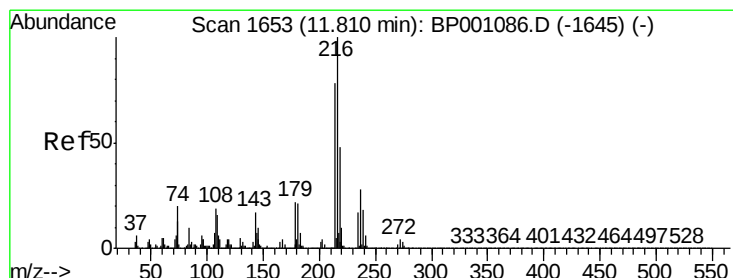
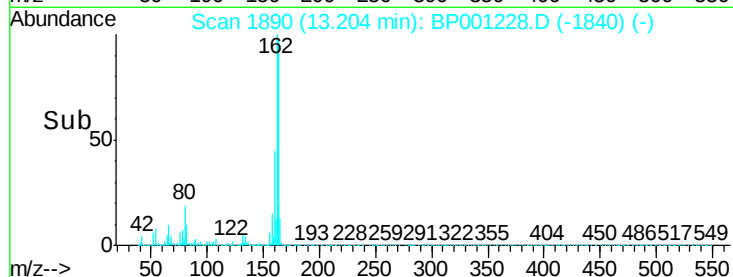
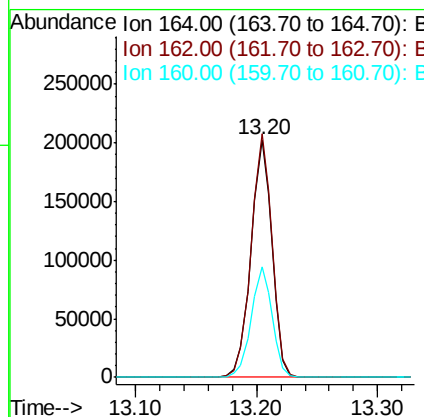
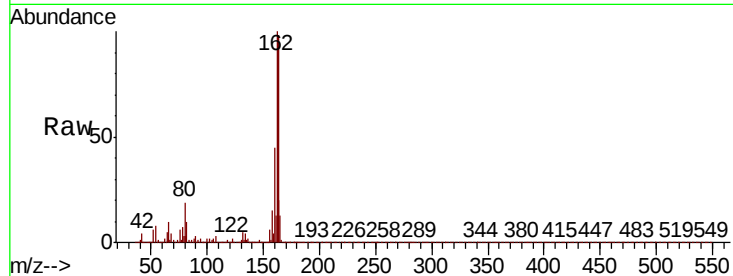
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampled :
PB125231BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.7	121.1
160	46.3	36.3	54.5

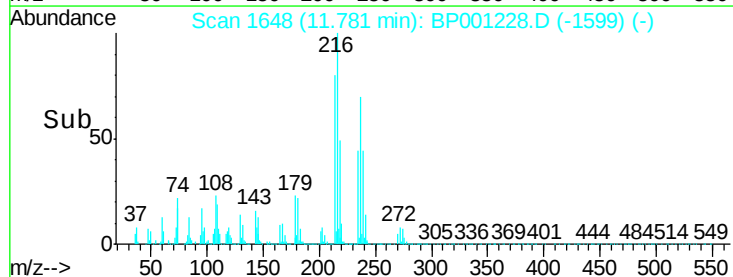
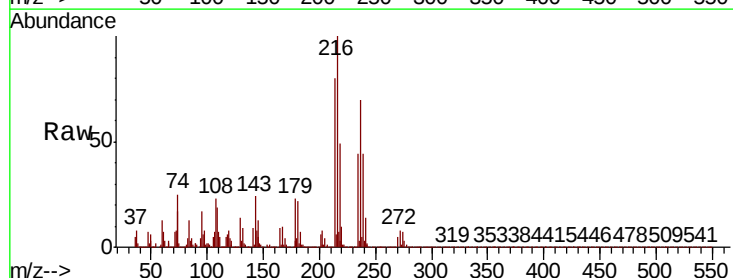
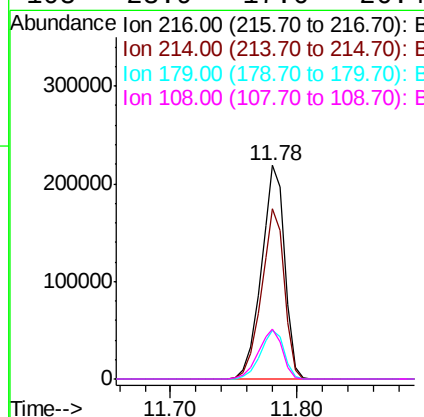
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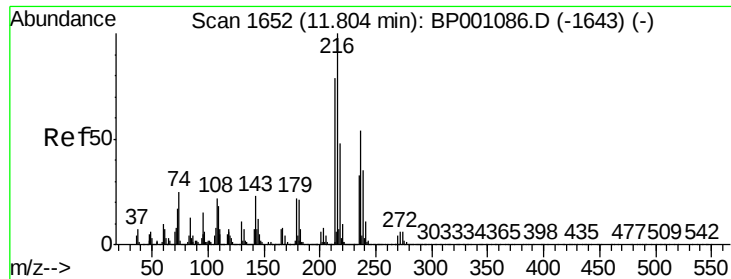
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.968 ng
RT: 11.78 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.2	93.2
179	23.1	17.8	26.6
108	23.9	17.6	26.4





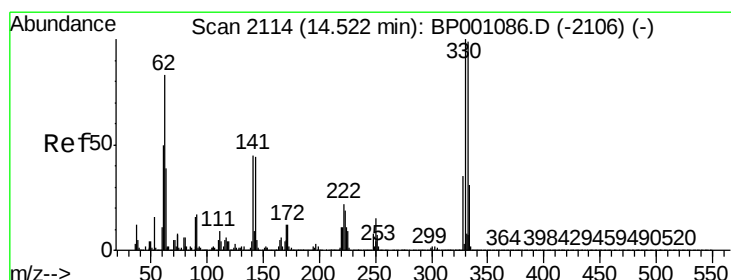
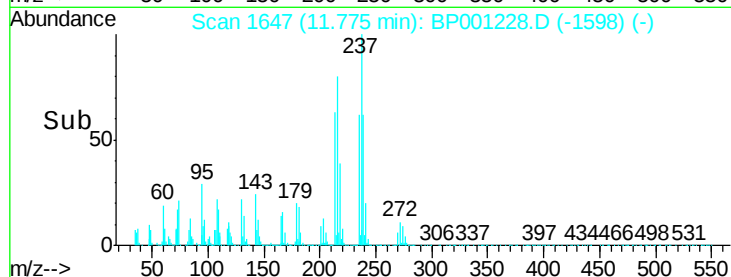
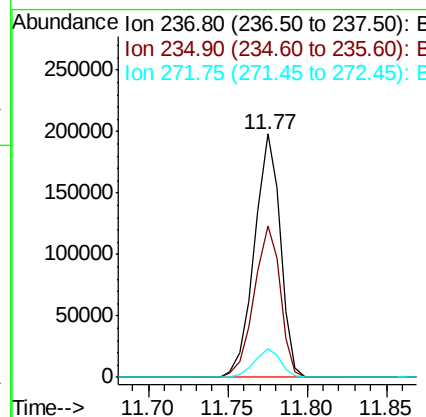
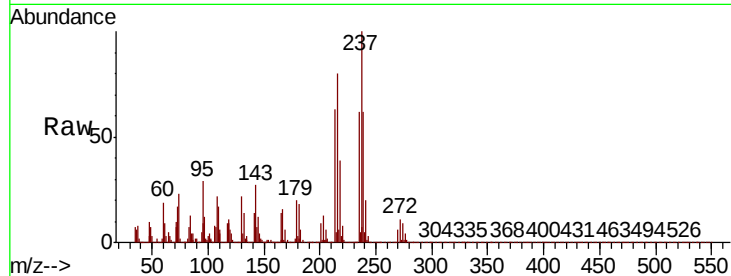
#41
Hexachlorocyclopentadiene
Concen: 62.866 ng
RT: 11.77 min Scan# 1647
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.3	41.9	81.9
272	11.5	0.0	32.4

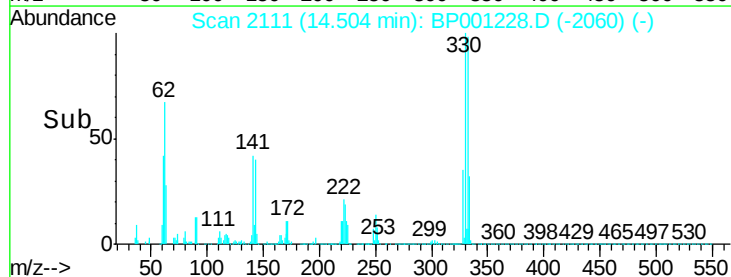
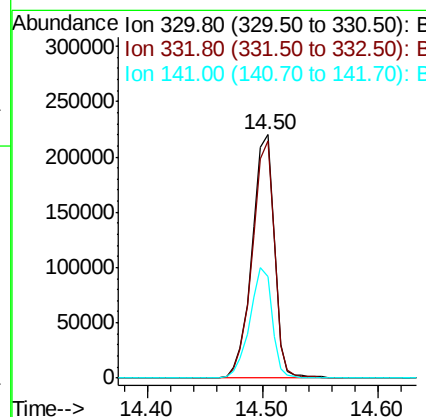
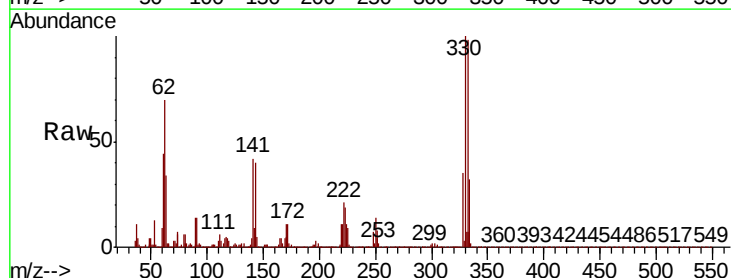
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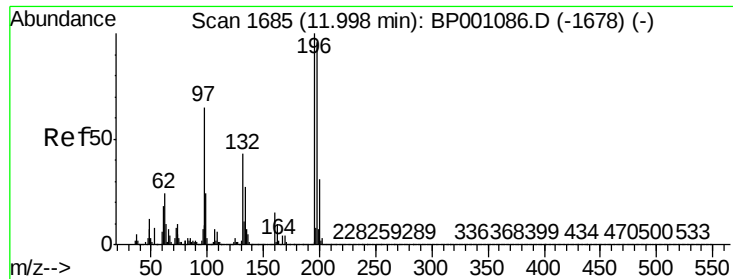
mohammad
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#42
2,4,6-Tribromophenol
Concen: 126.256 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.9	79.1	118.7
141	45.1	35.9	53.9





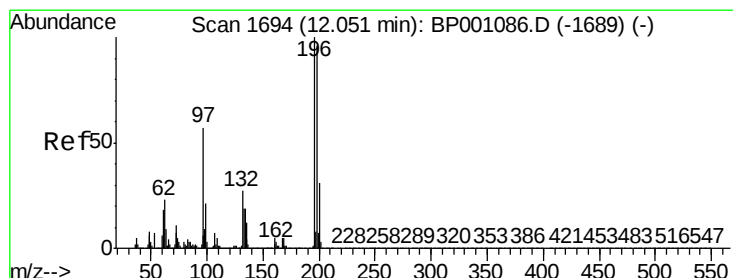
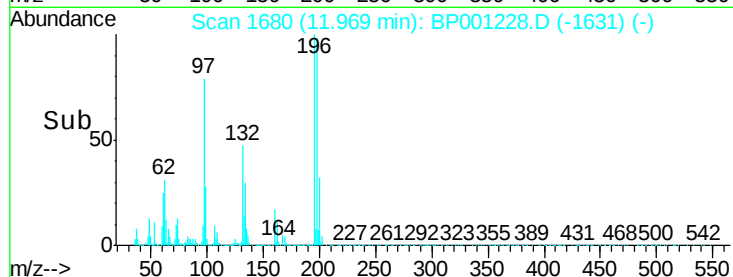
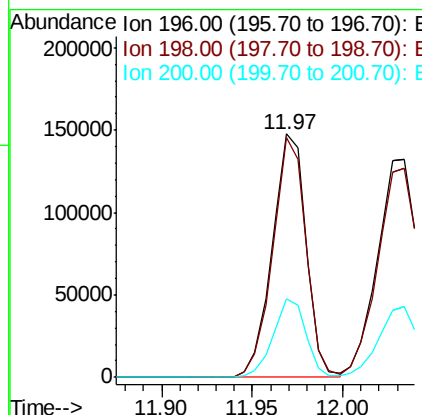
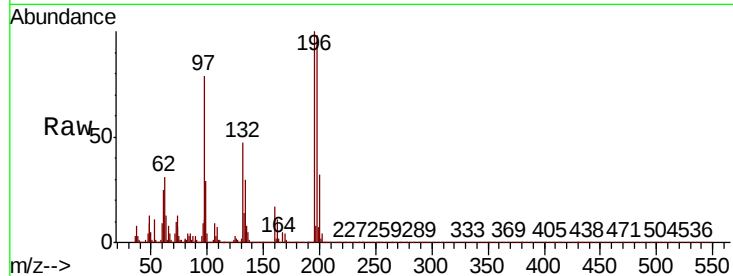
#43
2,4,6-Trichlorophenol
Concen: 37.945 ng
RT: 11.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	192220		
198	98.3	77.4	116.0	
200	32.3	25.6	38.4	

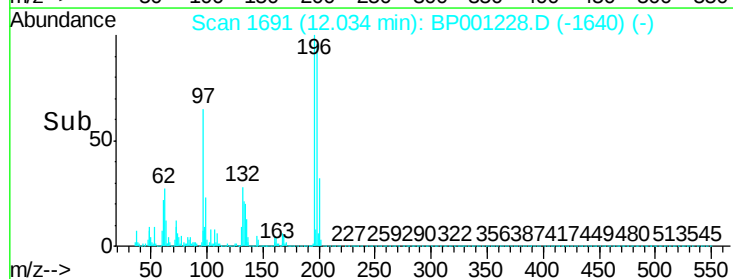
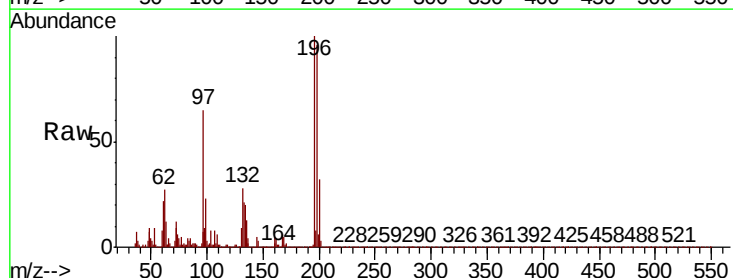
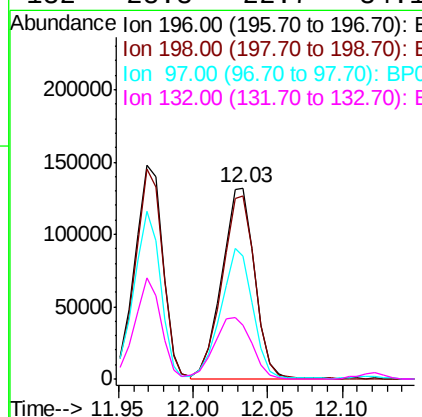
Manual Integrations
APPROVED

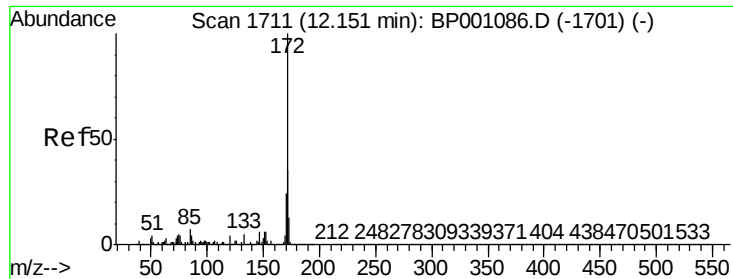
mohammad
12/9/2019 3:10:31 PM



#44
2,4,5-Trichlorophenol
Concen: 38.904 ng
RT: 12.03 min Scan# 1691
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	204194		
198	96.1	75.7	113.5	
97	64.6	51.3	76.9	
132	28.3	22.7	34.1	





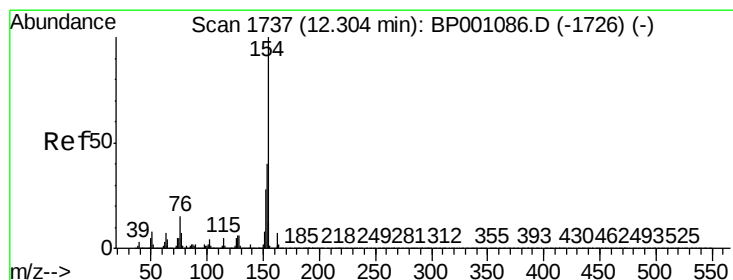
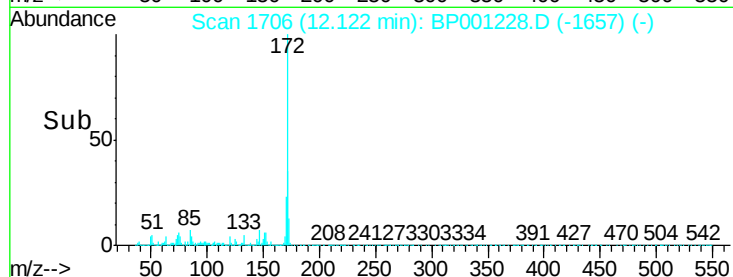
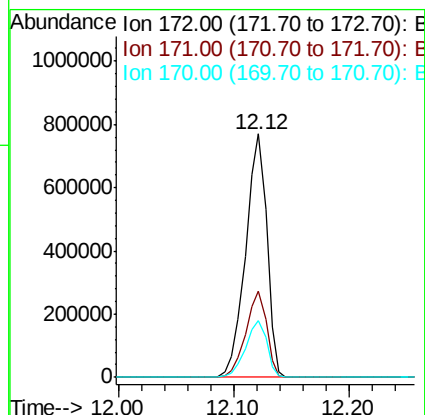
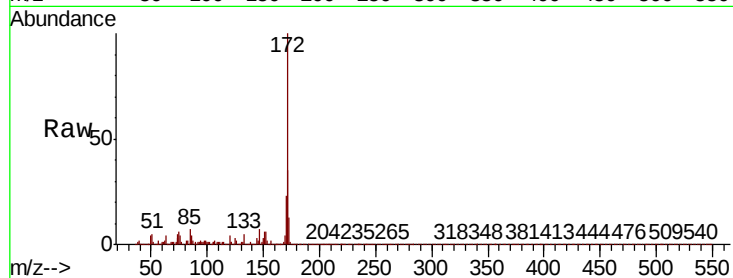
#45
2-Fluorobiphenyl
Concen: 58.102 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampled :
PB125231BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.7	43.1
170	23.4	19.2	28.8

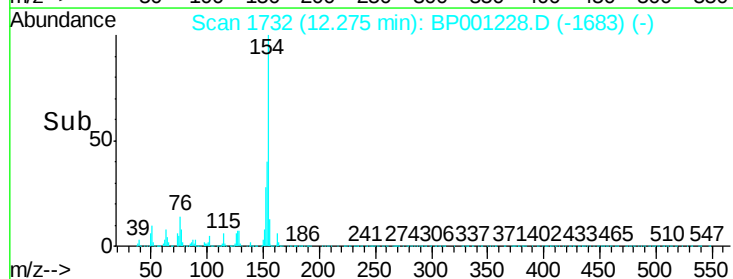
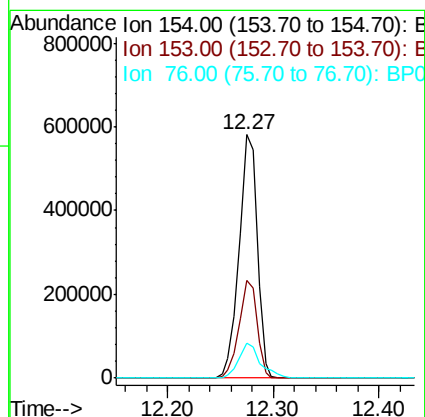
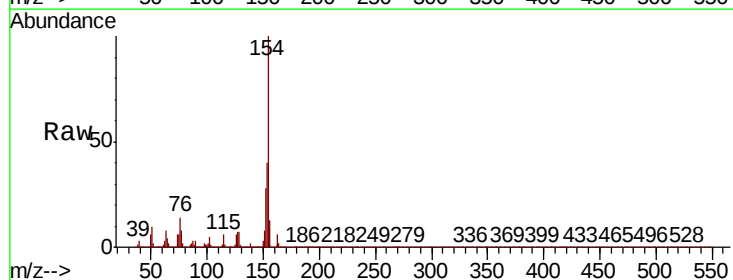
Manual Integrations
APPROVED

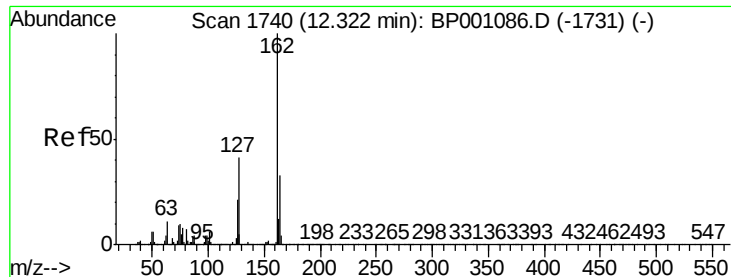
mohammad
12/9/2019 3:10:31 PM



#46
1,1'-Biphenyl
Concen: 35.928 ng
RT: 12.27 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.3	59.3
76	14.2	0.0	34.2





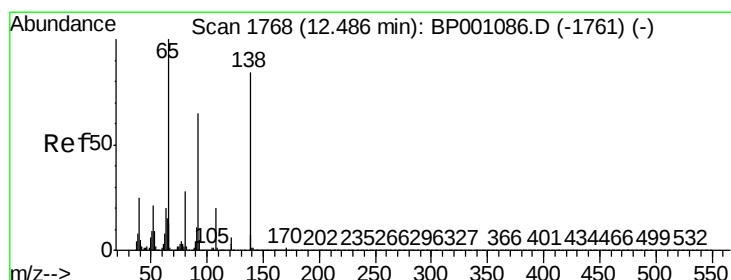
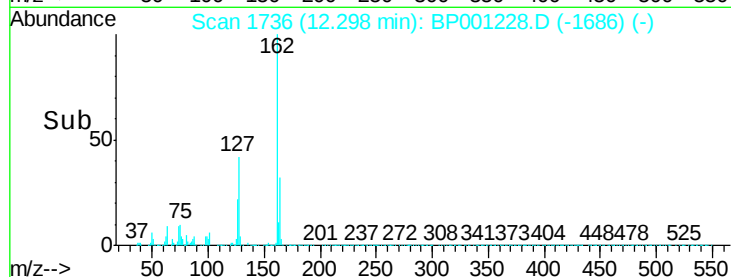
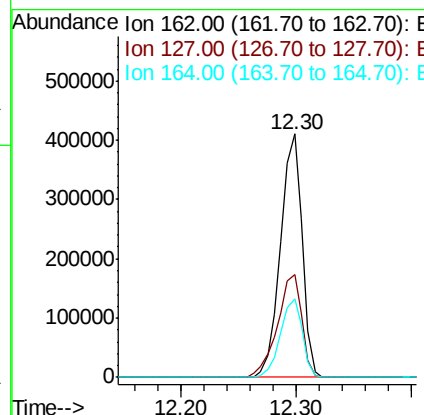
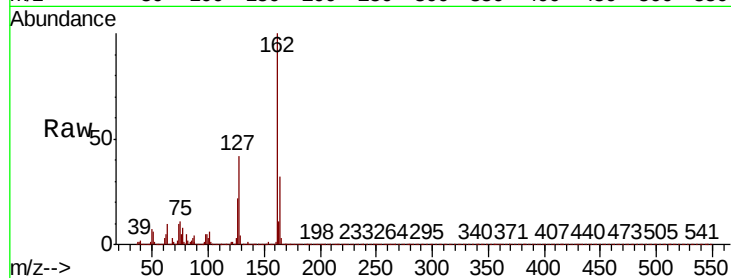
#47
2-Chloronaphthalene
Concen: 35.125 ng
RT: 12.30 min Scan# 1736
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampled :
PB125231BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	34.4	51.6
164	32.5	26.2	39.4

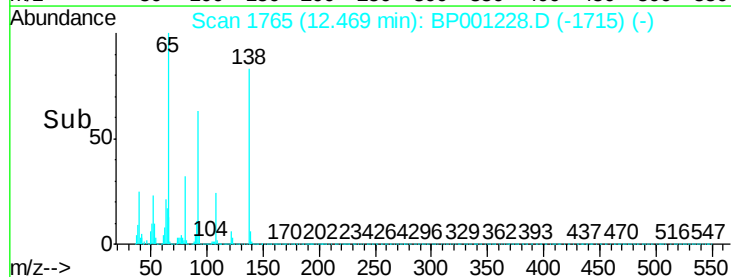
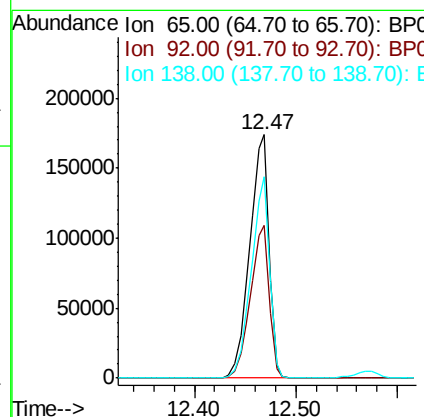
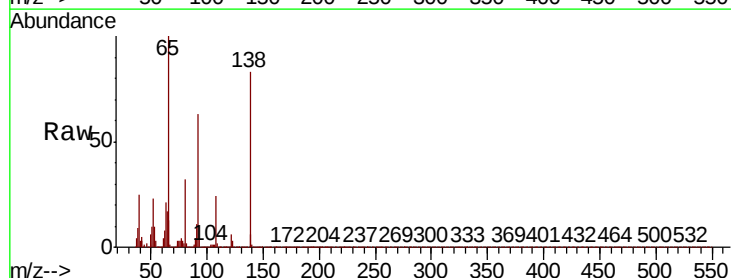
Manual Integrations
APPROVED

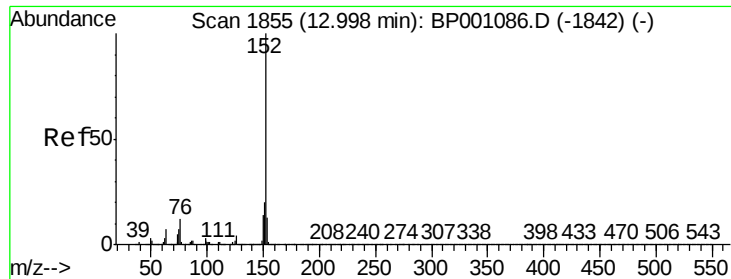
mohammad
12/9/2019 3:10:31 PM



#48
2-Nitroaniline
Concen: 38.419 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.6	49.4	74.2
138	82.6	64.8	97.2





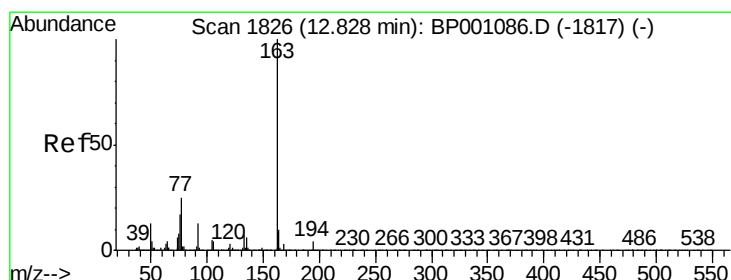
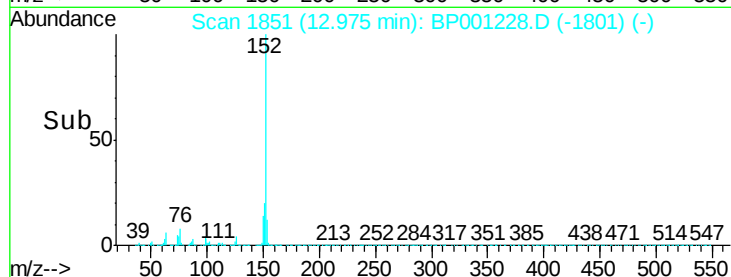
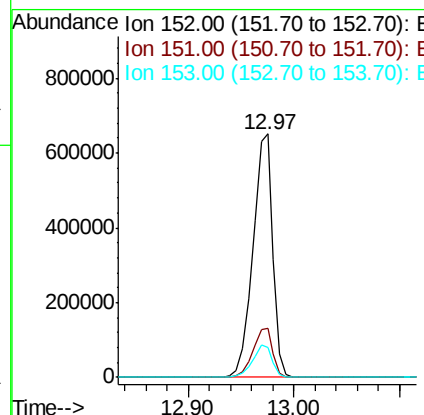
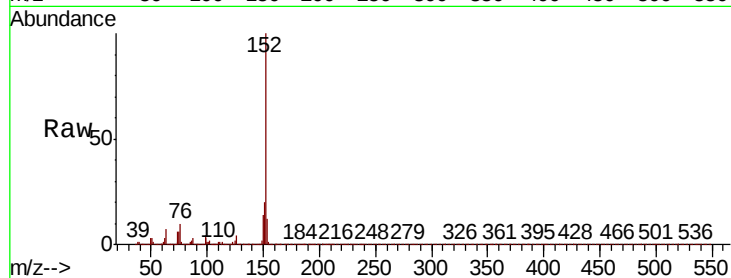
#49
Acenaphthylene
Concen: 37.200 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		847421		
151	19.9	16.0	24.0		
153	12.4	10.3	15.5		

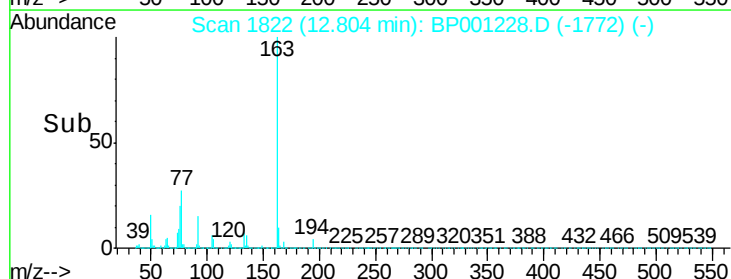
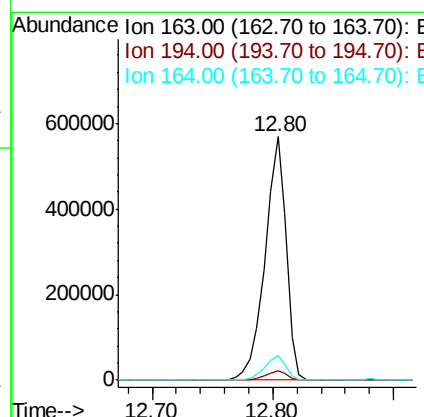
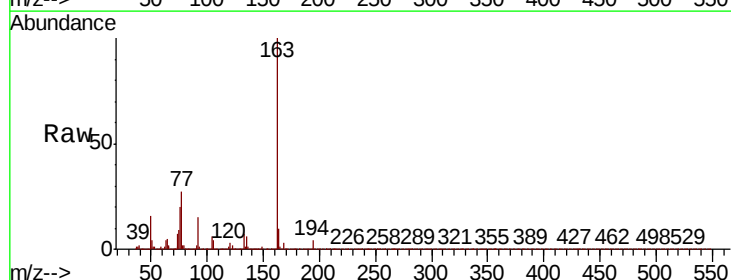
Manual Integrations
APPROVED

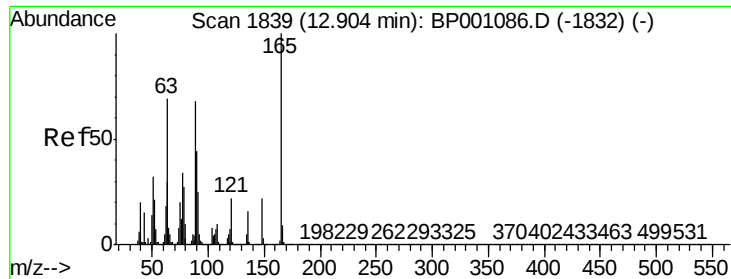
mohammad
12/9/2019 3:10:31 PM



#50
Dimethylphthalate
Concen: 37.669 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		693562		
194	3.8	3.1	4.7		
164	10.1	8.2	12.4		





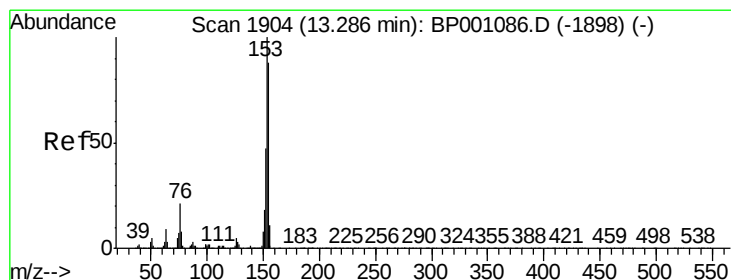
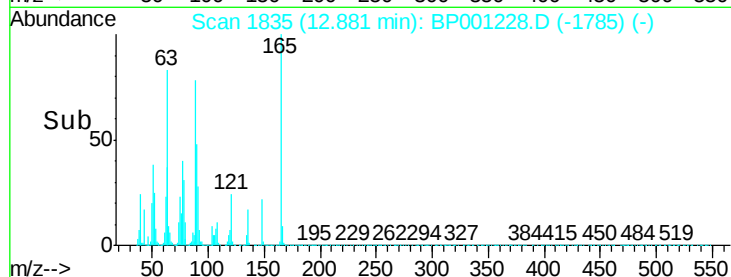
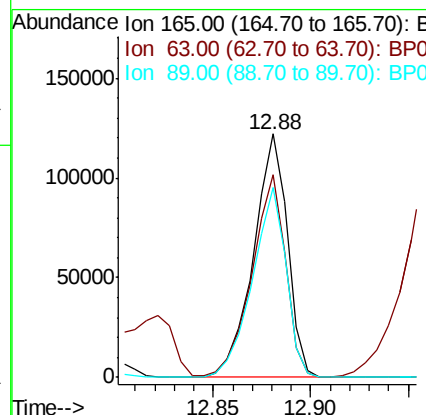
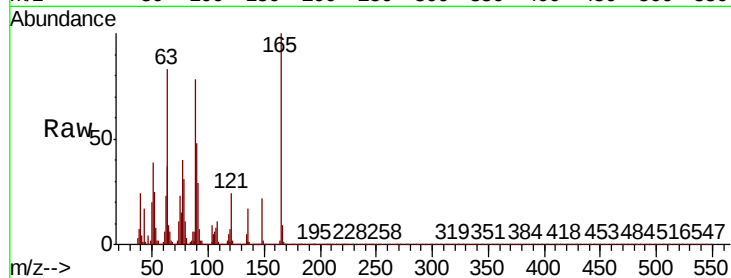
#51
2,6-Dinitrotoluene
Concen: 37.303 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	83.4	64.1	96.1
89	78.1	61.8	92.6

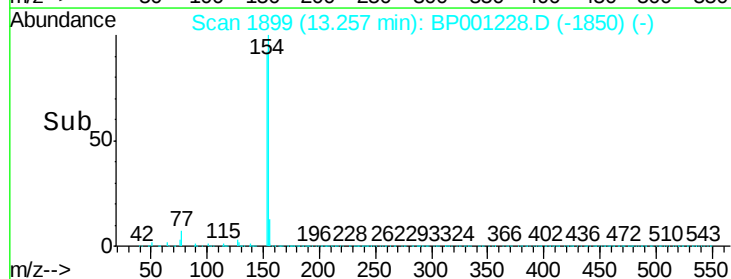
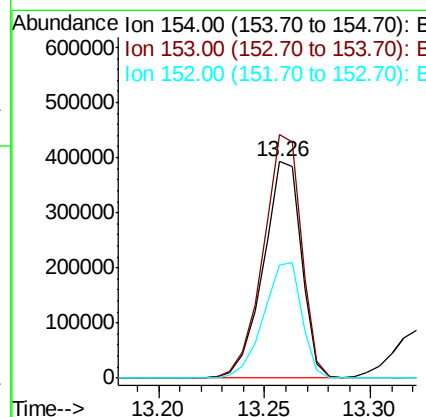
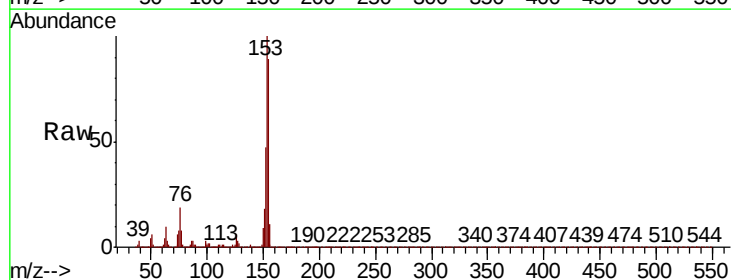
Manual Integrations
APPROVED

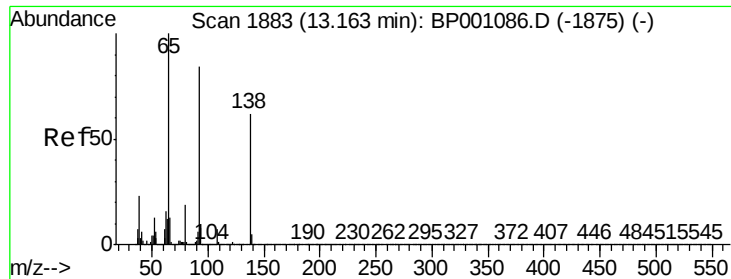
mohammad
12/9/2019 3:10:31 PM



#52
Acenaphthene
Concen: 35.915 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	112.7	90.3	135.5
152	52.6	42.9	64.3





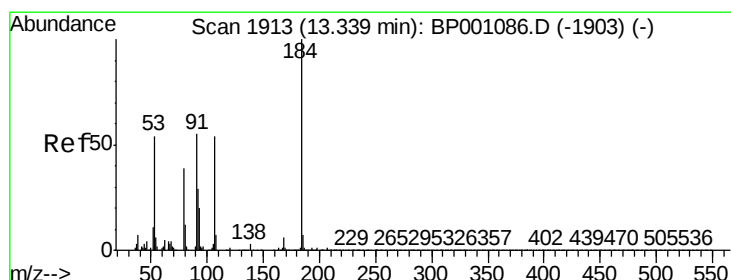
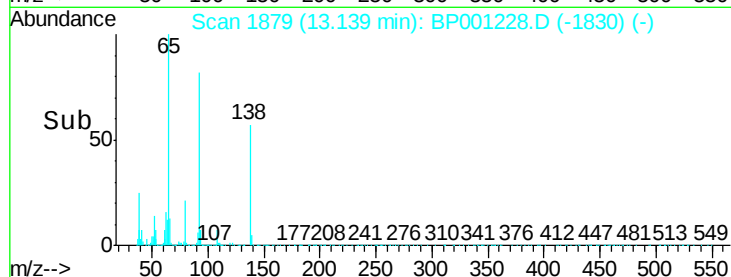
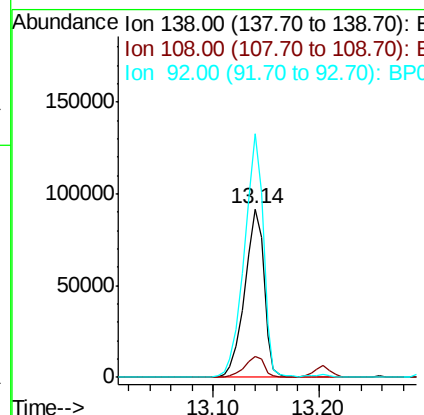
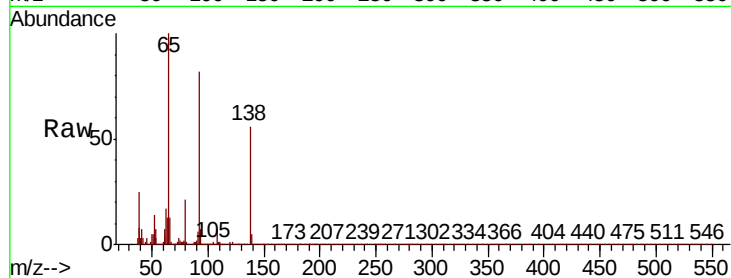
#53
3-Nitroaniline
Concen: 26.121 ng
RT: 13.14 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.8	10.1	15.1
92	144.8	113.1	169.7

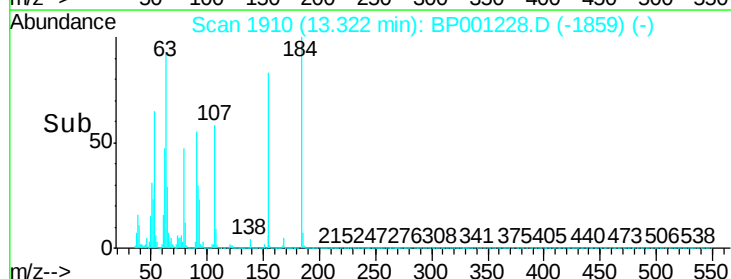
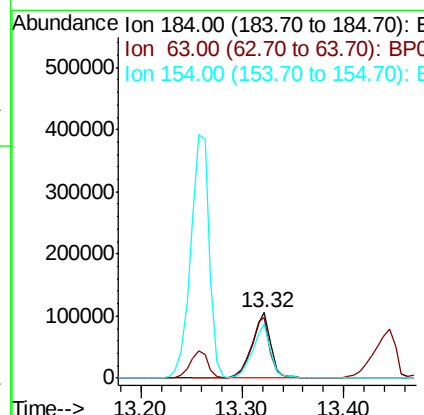
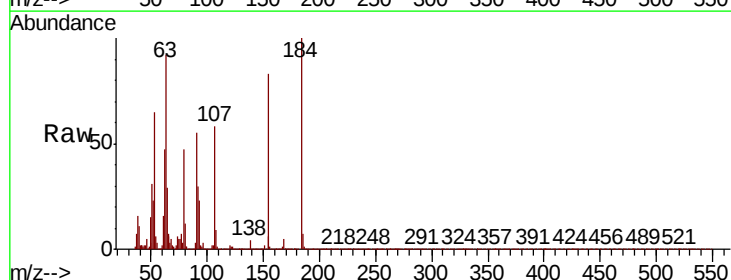
Manual Integrations
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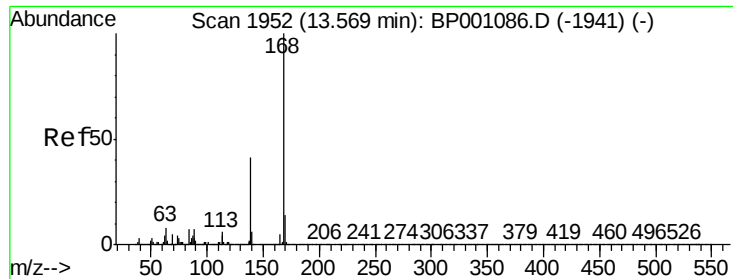
mohammad
12/9/2019 3:10:31 PM



#54
2,4-Dinitrophenol
Concen: 82.415 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	91.9	69.4	104.0
154	83.5	57.4	86.2





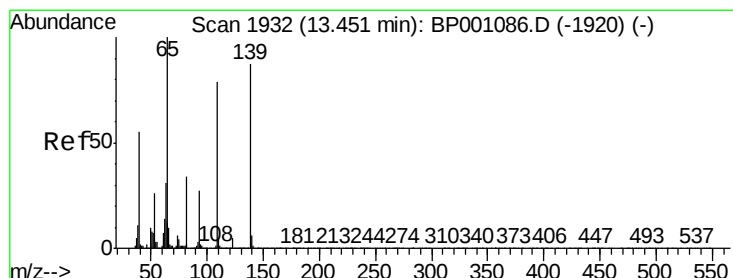
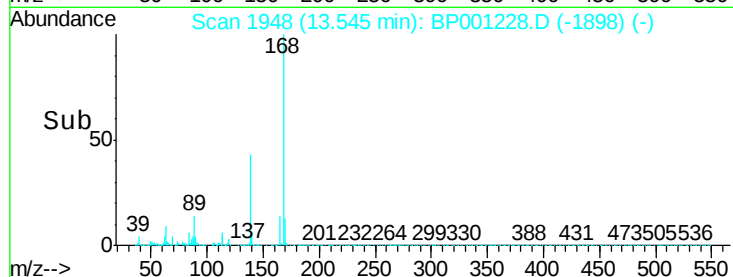
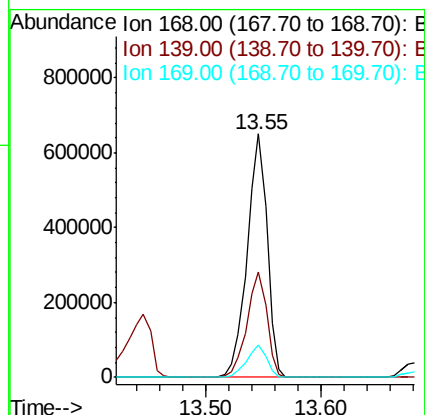
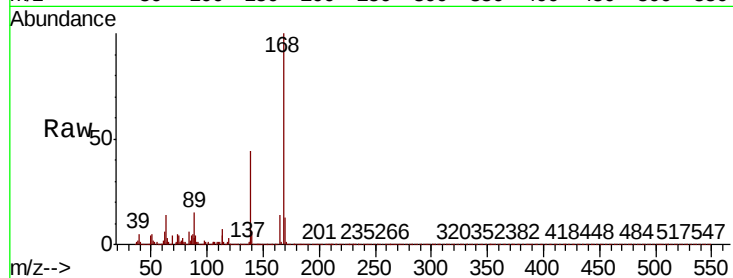
#55
Dibenzofuran
Concen: 37.805 ng
RT: 13.55 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.5	34.5	51.7
169	13.1	10.8	16.2

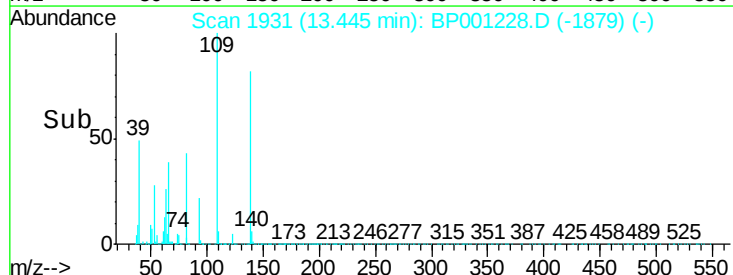
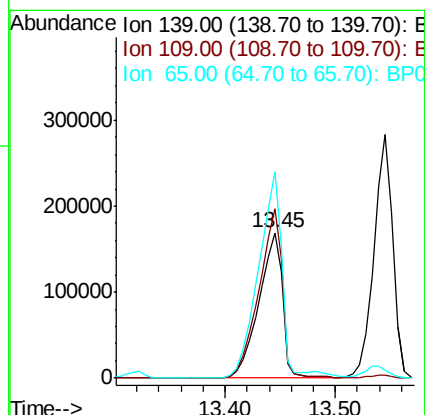
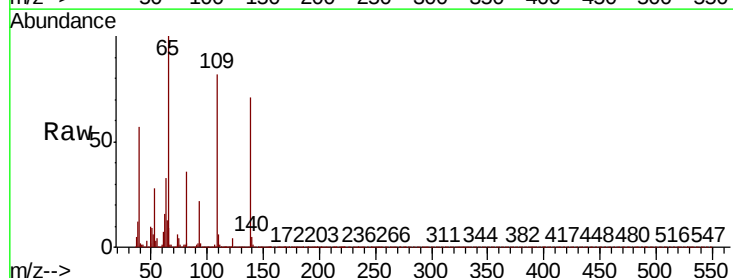
Manual Integrations
APPROVED

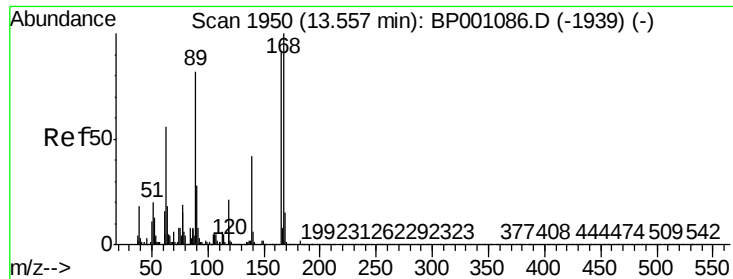
mohammad
12/9/2019 3:10:31 PM



#56
4-Nitrophenol
Concen: 81.142 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	116.7	87.8	127.8
65	141.8	111.9	151.9





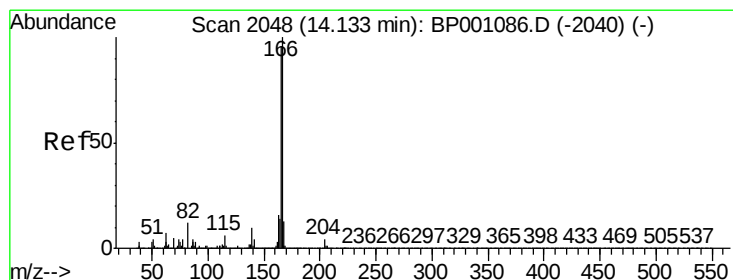
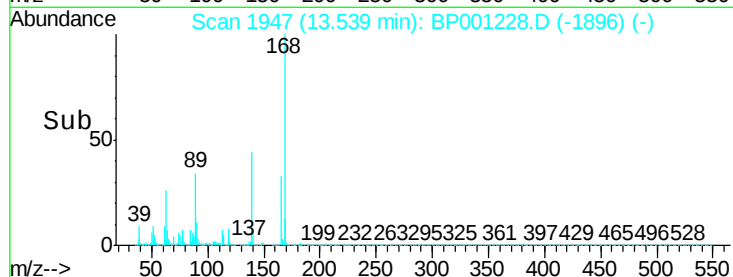
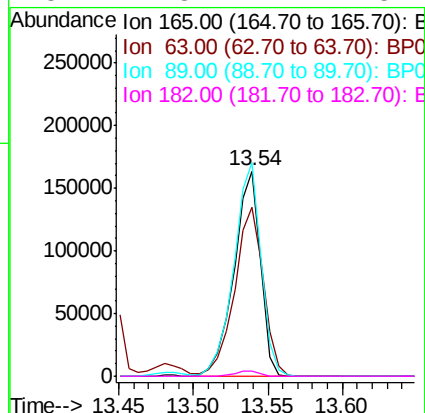
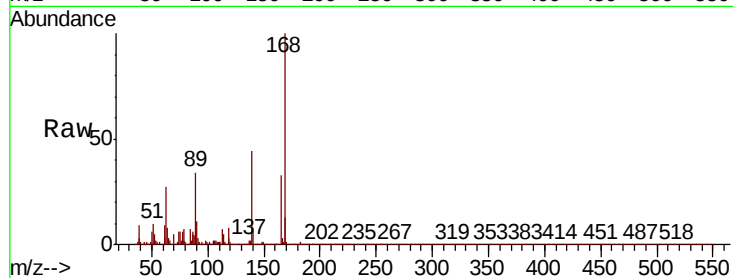
#57
2,4-Dinitrotoluene
Concen: 40.921 ng
RT: 13.54 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampled :
PB125231BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	202164		
63	82.3	58.3	87.5	
89	104.0	79.8	119.8	
182	2.8	2.2	3.2	

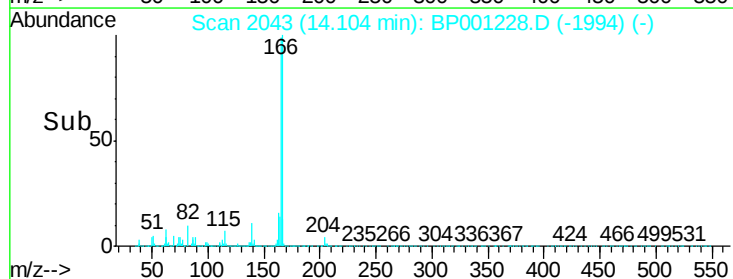
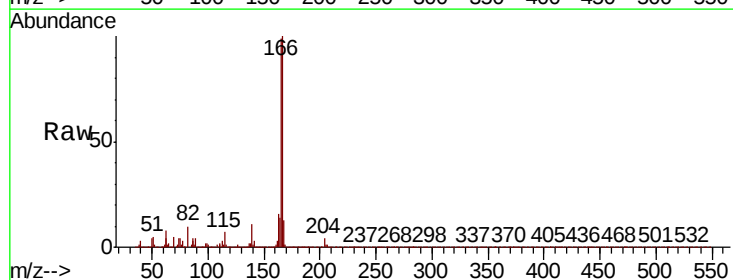
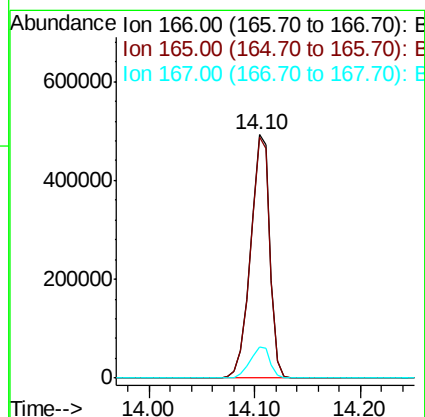
Manual Integrations
APPROVED

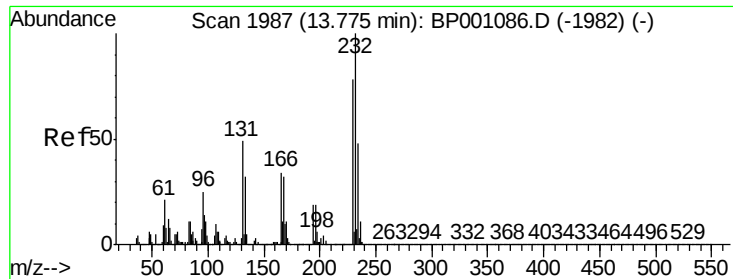
mohammad
12/9/2019 3:10:31 PM



#58
Fluorene
Concen: 37.861 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	624712		
165	99.3	77.8	116.8	
167	13.0	10.5	15.7	





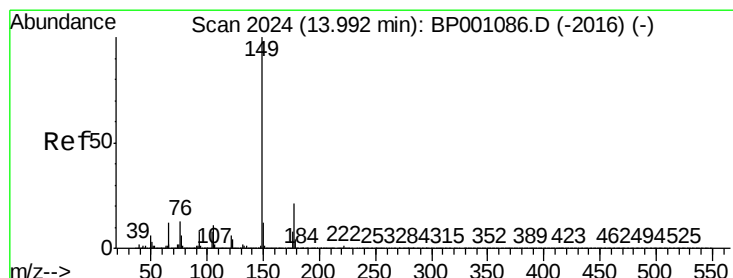
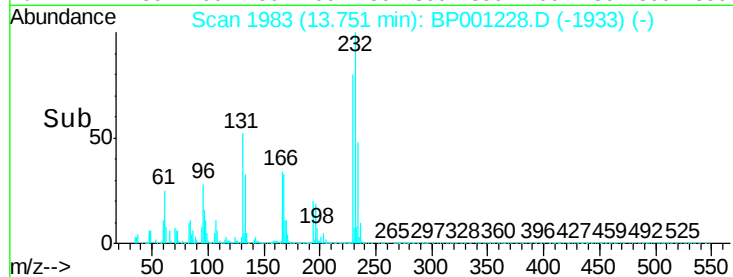
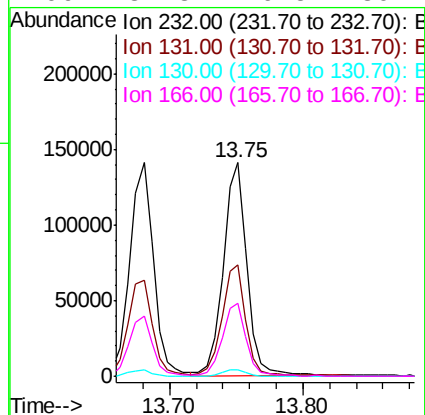
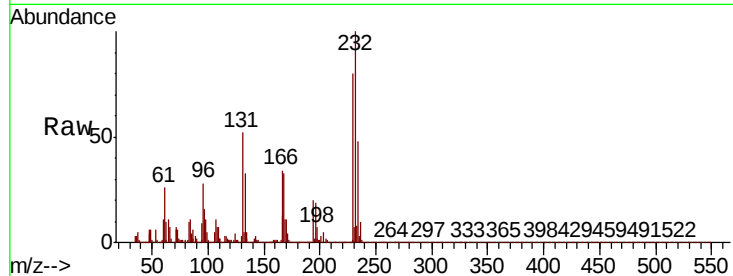
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.578 ng
RT: 13.75 min Scan# 1983
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	53.5	41.4	62.0
130	3.1	2.2	3.4
166	34.3	26.5	39.7

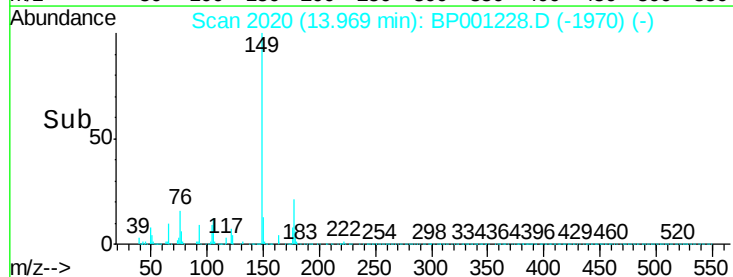
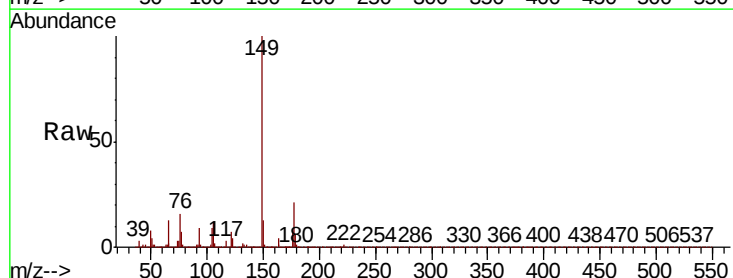
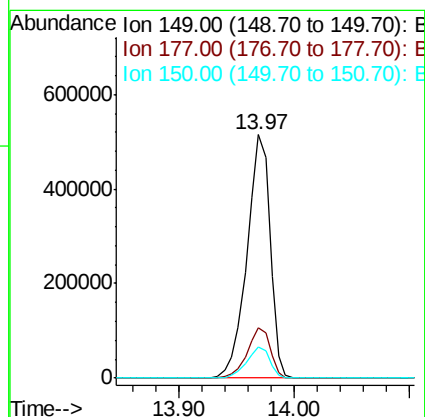
Manual Integrations
APPROVED

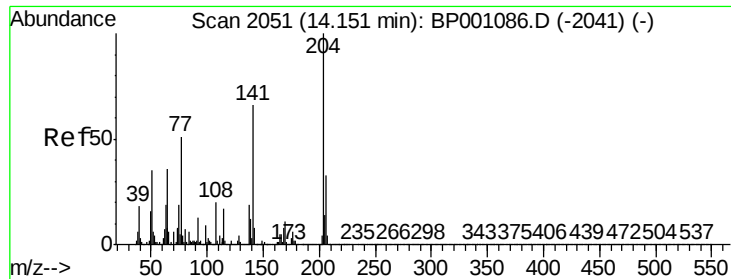
mohammad
12/9/2019 3:10:31 PM



#60
Diethylphthalate
Concen: 37.571 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.0	25.4
150	12.6	10.2	15.2





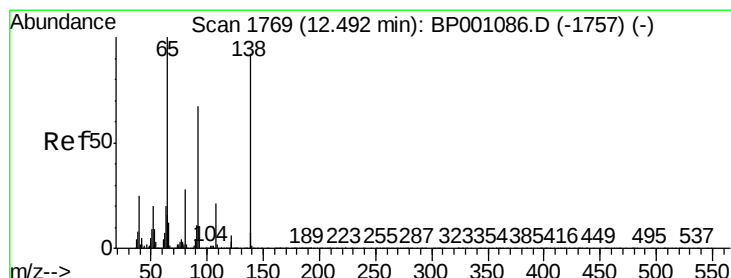
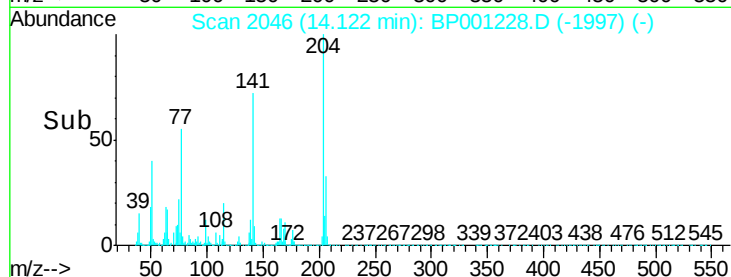
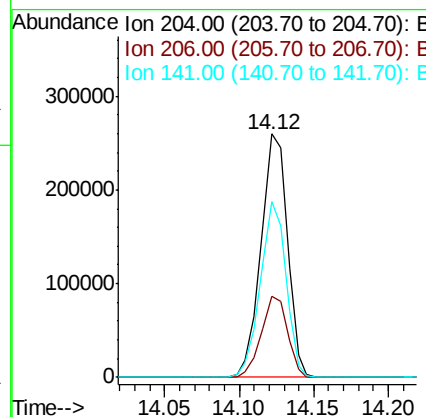
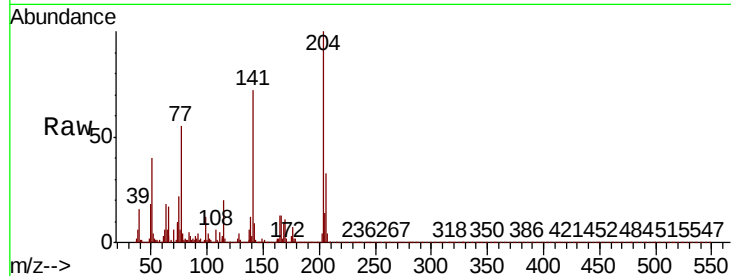
#61
4-Chlorophenyl-phenylether
Concen: 37.578 ng
RT: 14.12 min Scan# 2046
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.2	39.2
141	72.0	54.9	82.3

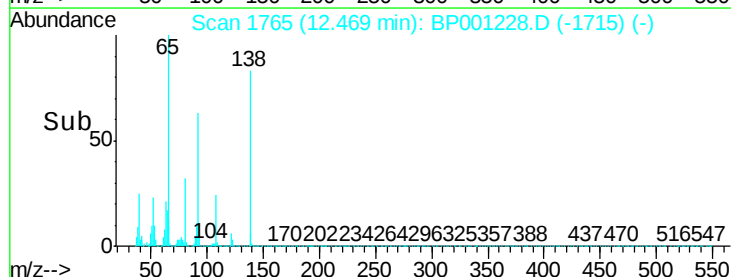
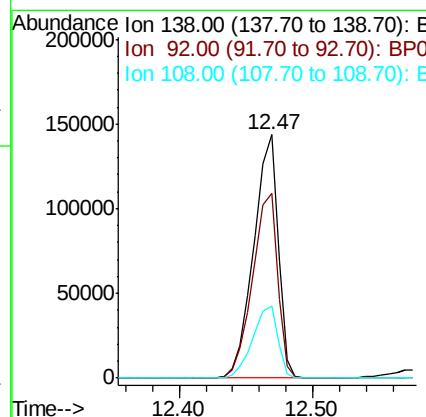
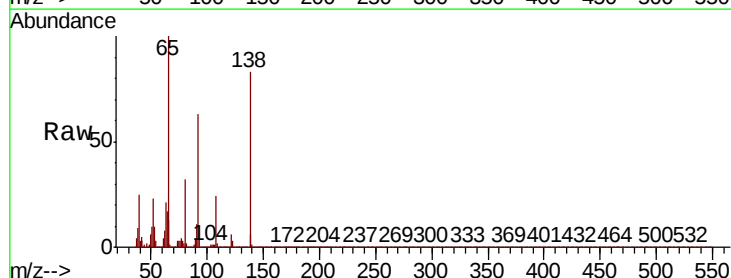
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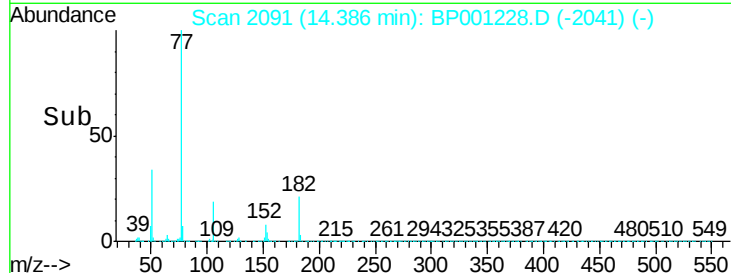
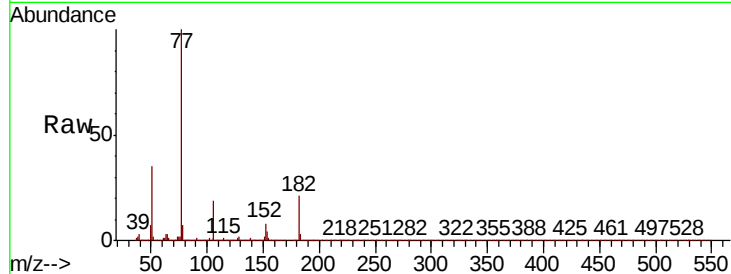
mohammad
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#62
4-Nitroaniline
Concen: 35.140 ng
RT: 12.47 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	75.7	56.3	96.3
108	29.7	8.3	48.3





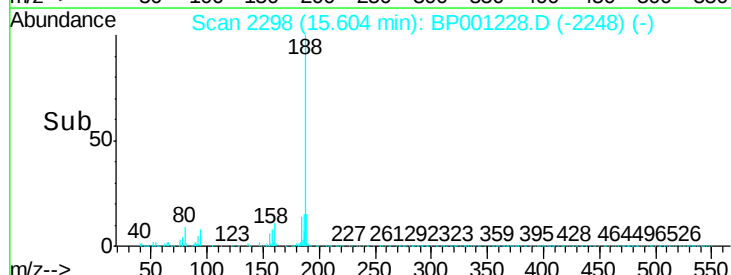
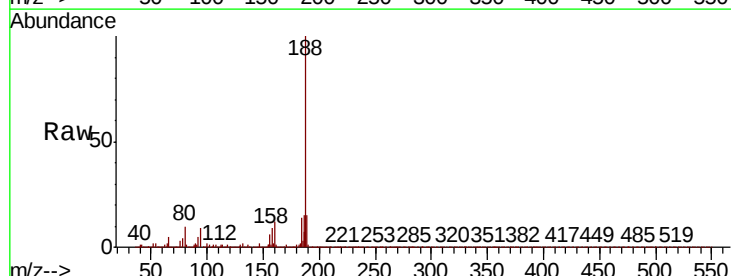
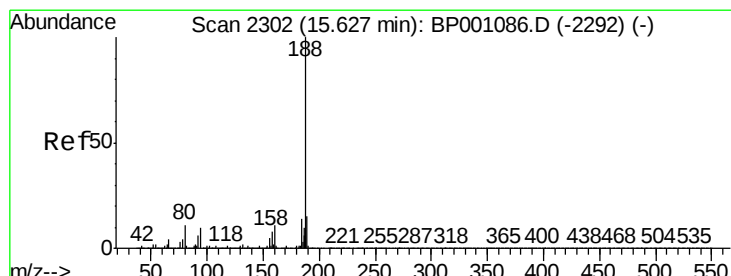
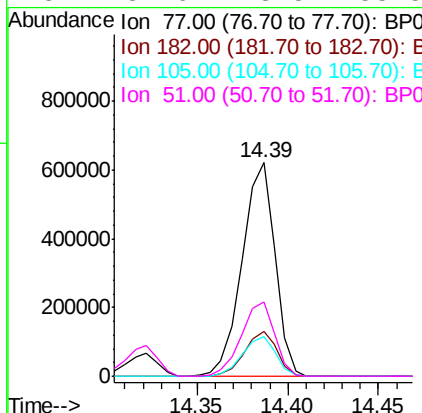
#63
Azobenzene
Concen: 38.129 ng
RT: 14.39 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	20.8	1.1	41.1		
105	18.7	0.0	39.5		
51	34.6	13.5	53.5		

Instrument :
BNA_P
ClientSampleId :
PB125231BS

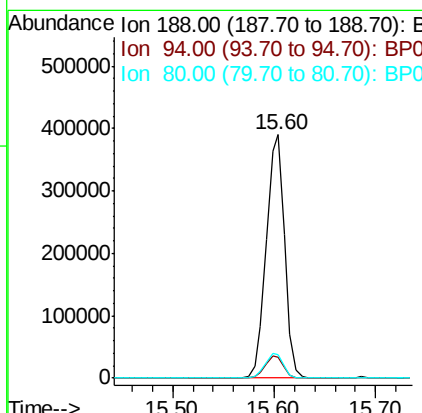
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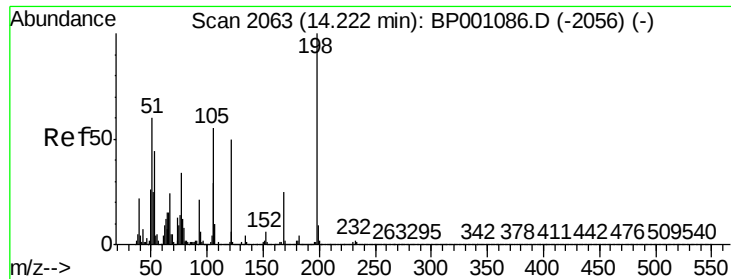
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.6	7.1	10.7		
80	9.8	7.8	11.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 44.887 ng

RT: 14.20 min Scan# 2060

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

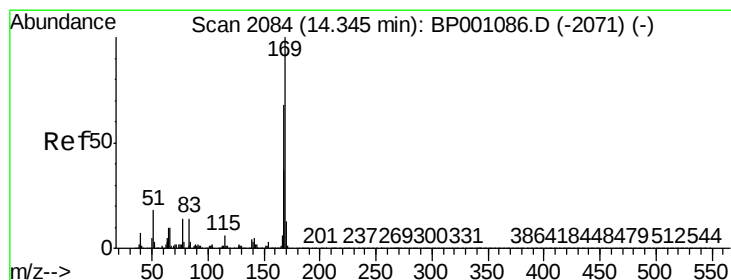
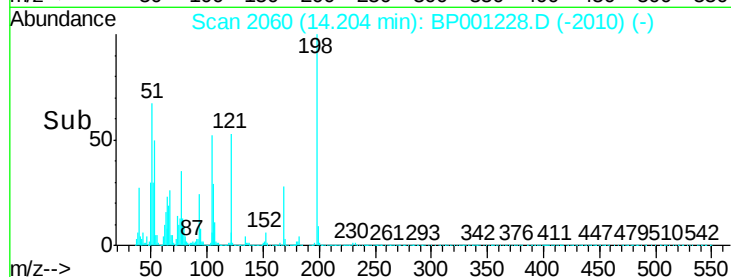
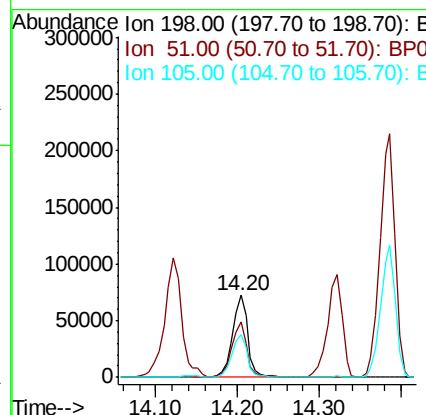
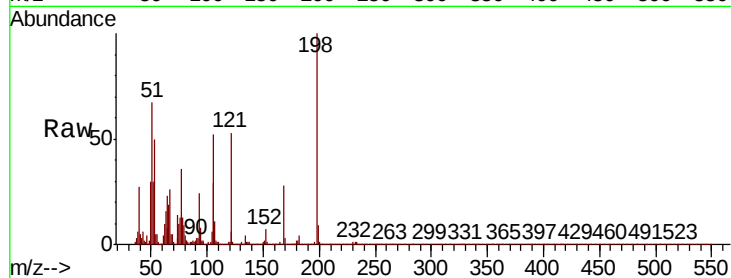
ClientSampleId :

PB125231BS

Tot Ion:	198	Resp:	94210
Ion Ratio	Lower	Upper	
198	100		
51	67.4	36.2	76.2
105	52.1	30.2	70.2

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#66

n-Nitrosodiphenylamine

Concen: 36.758 ng

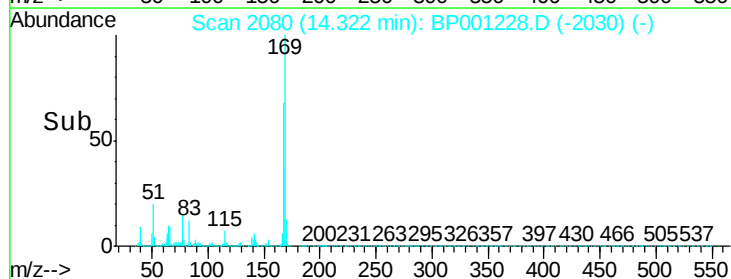
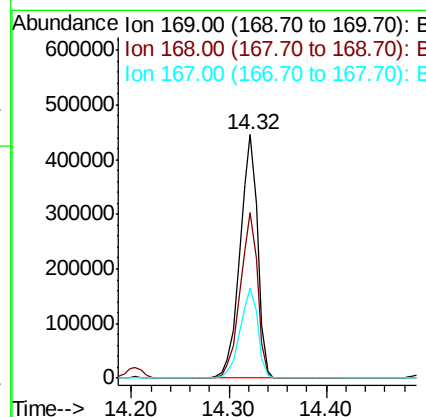
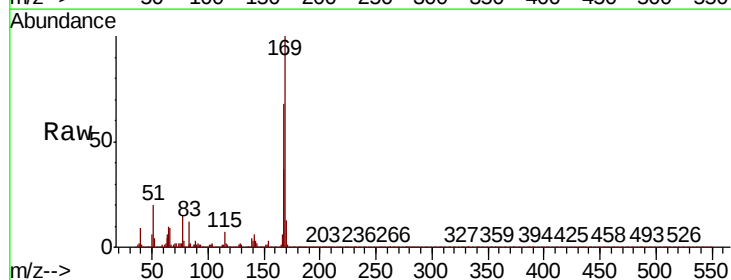
RT: 14.32 min Scan# 2080

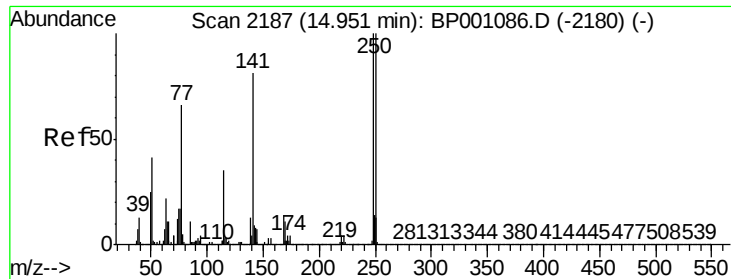
Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:	169	Resp:	552320
Ion Ratio	Lower	Upper	
169	100		
168	68.0	53.7	80.5
167	37.2	29.1	43.7





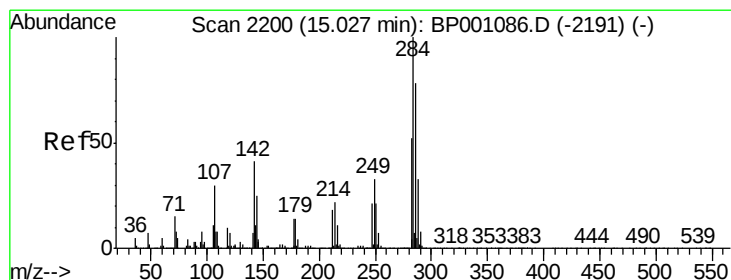
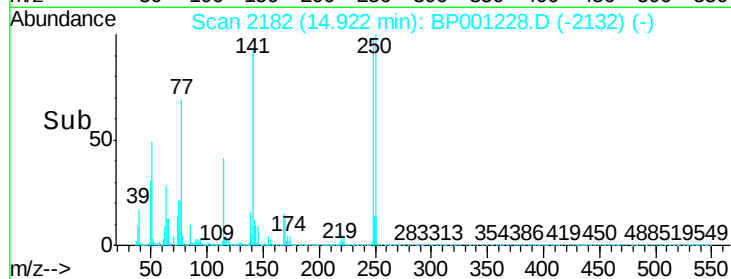
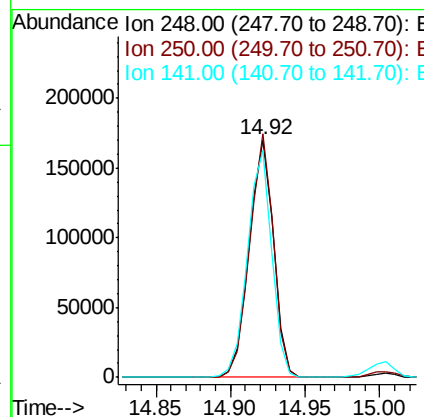
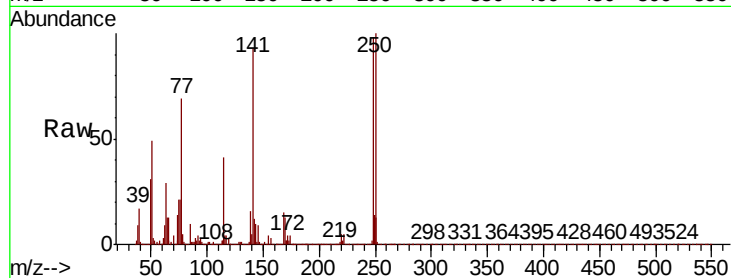
#67
4-Bromophenyl-phenylether
Concen: 35.871 ng
RT: 14.92 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.4	77.6	116.4
141	95.5	74.6	111.8

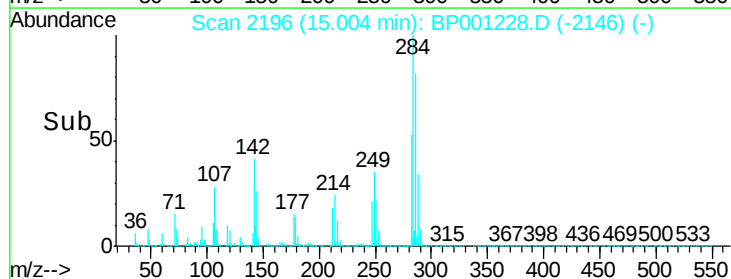
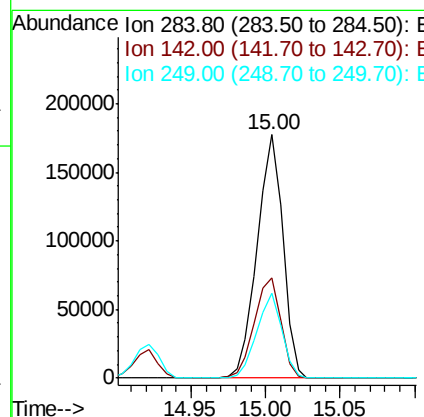
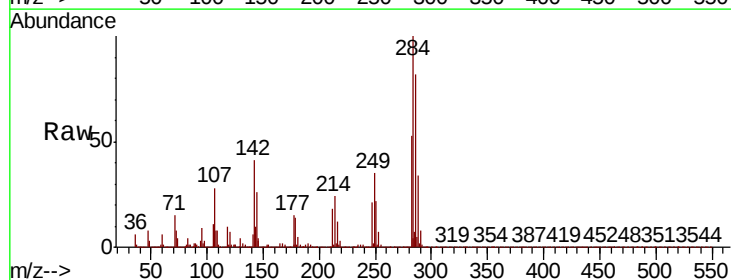
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#68
Hexachlorobenzene
Concen: 35.690 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.2	35.0	52.6
249	34.9	27.6	41.4





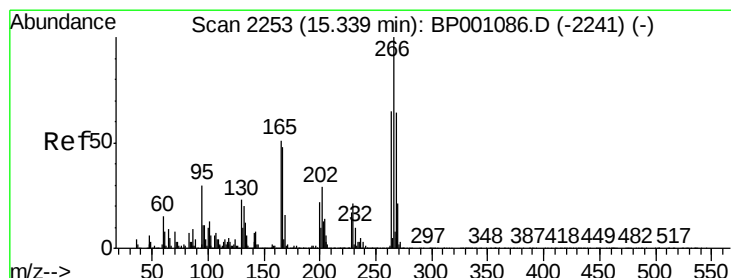
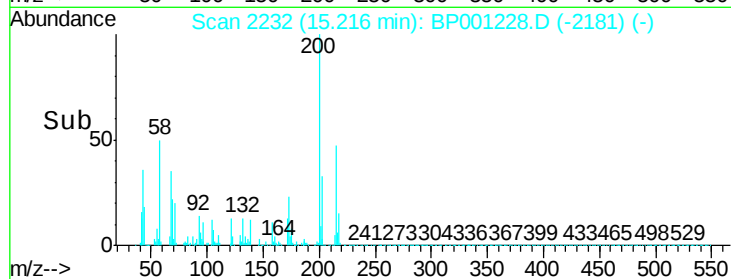
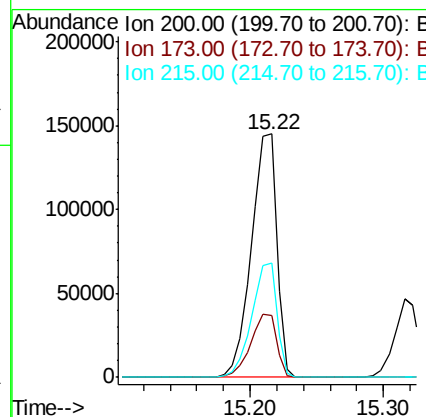
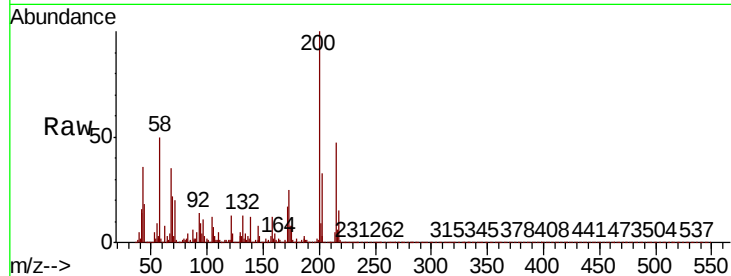
#69
Atrazine
Concen: 41.289 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.4	46.4
215	47.1	27.7	67.7

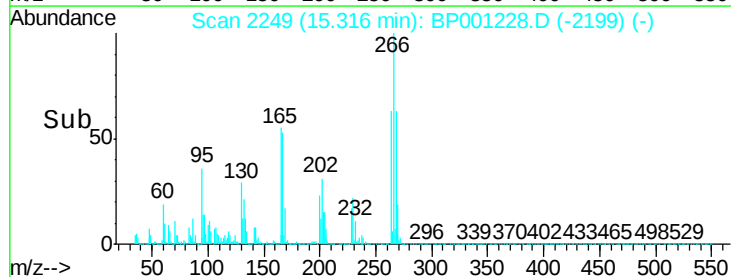
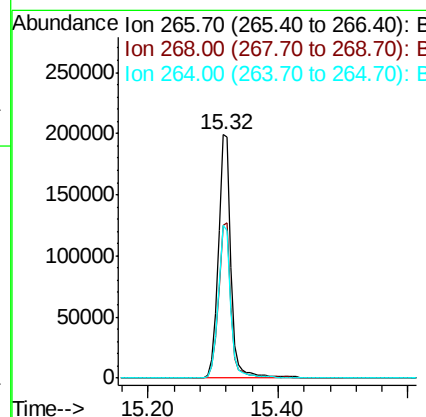
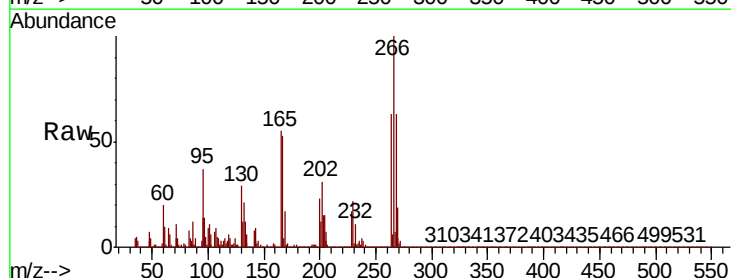
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#70
Pentachlorophenol
Concen: 87.131 ng
RT: 15.32 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	50.6	76.0
264	62.9	49.9	74.9





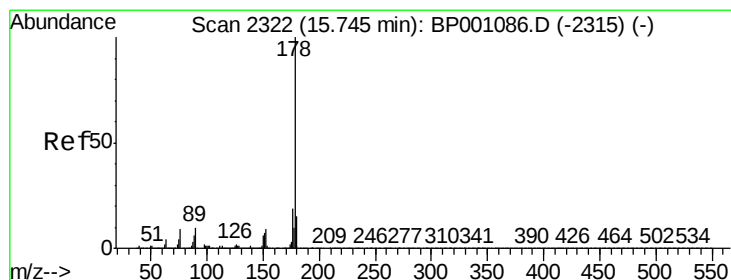
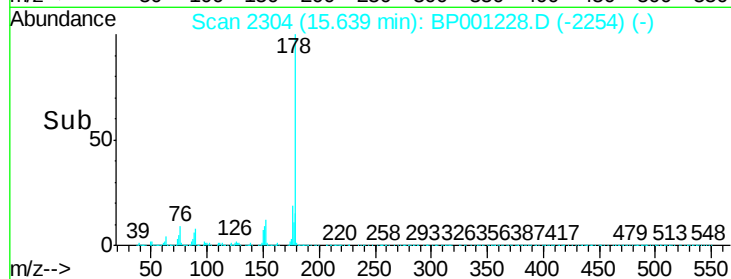
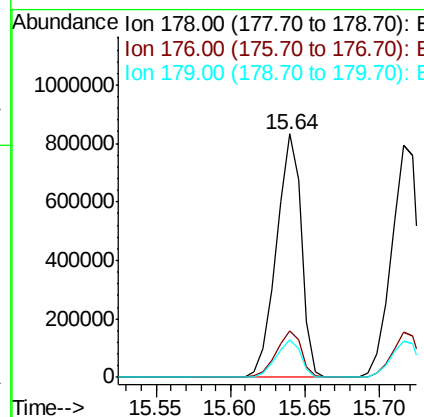
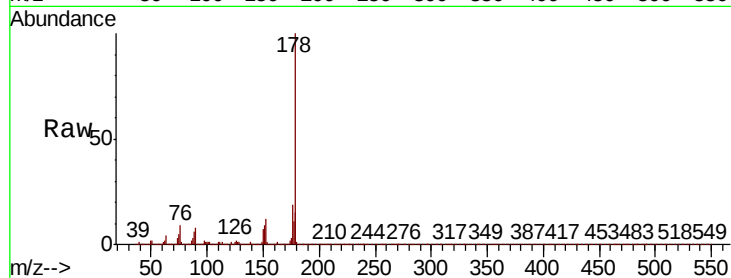
#71
Phenanthrene
Concen: 37.232 ng
RT: 15.64 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampled :
PB125231BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.2	12.4	18.6

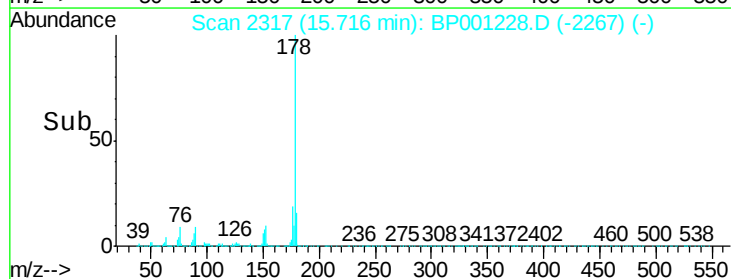
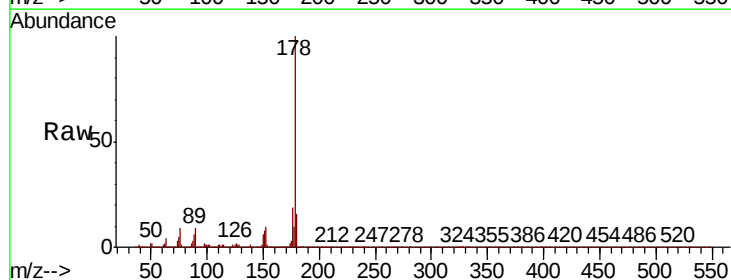
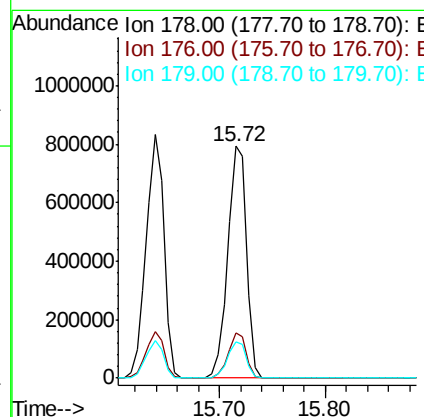
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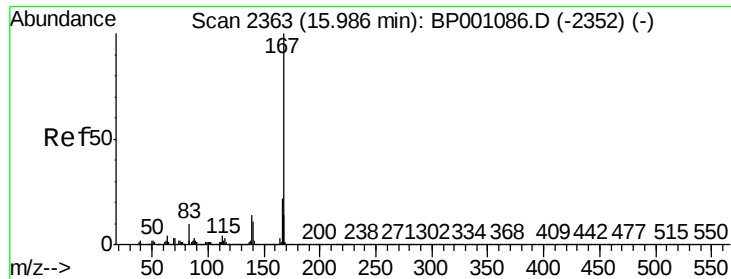
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#72
Anthracene
Concen: 38.083 ng
RT: 15.72 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.1	22.7
179	15.7	12.7	19.1





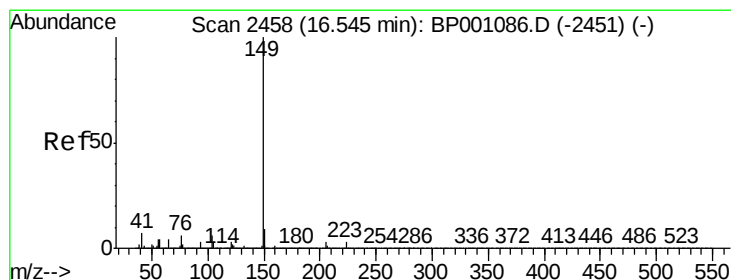
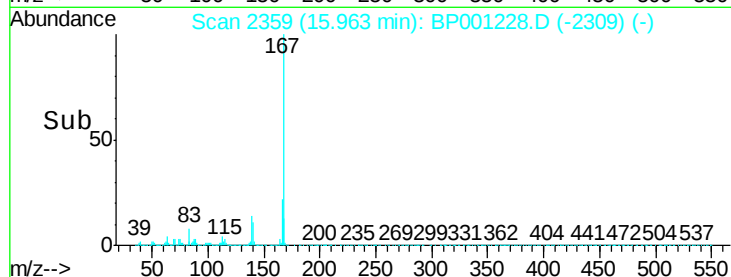
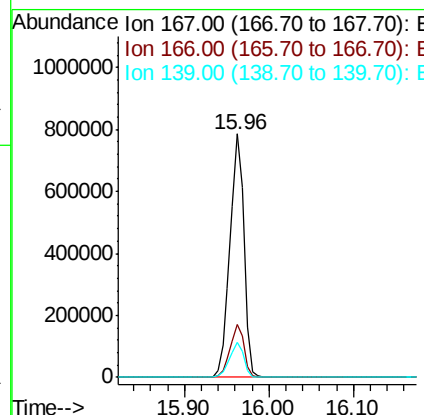
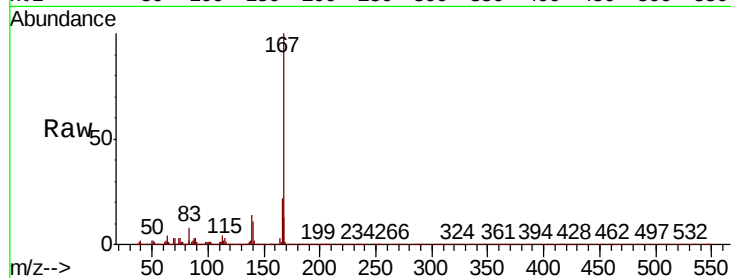
#73
 Carbazole
 Concen: 38.841 ng
 RT: 15.96 min Scan# 2359
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Instrument :
 BNA_P
 ClientSampleId :
 PB125231BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.4	26.0
139	14.4	11.4	17.0

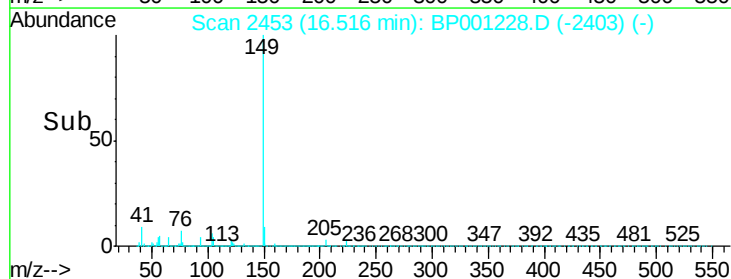
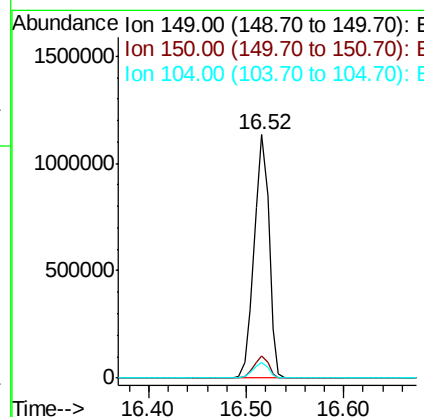
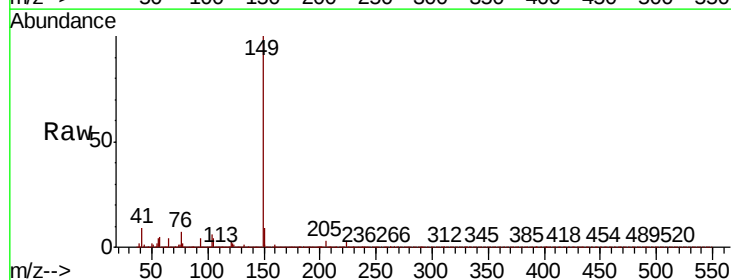
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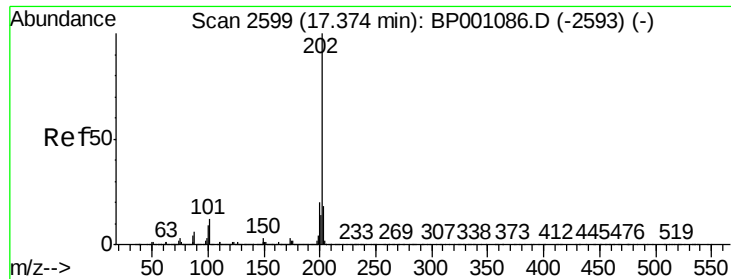
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#74
 Di-n-butylphthalate
 Concen: 38.710 ng
 RT: 16.52 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	6.4	5.0	7.4





#75

Fluoranthene

Concen: 40.655 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

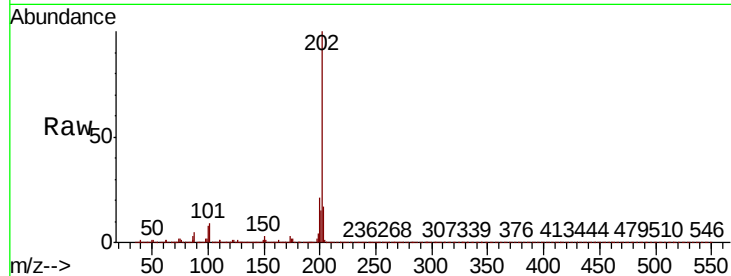
ClientSampleId :

PB125231BS

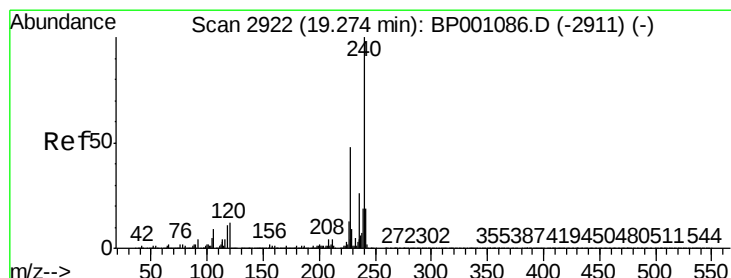
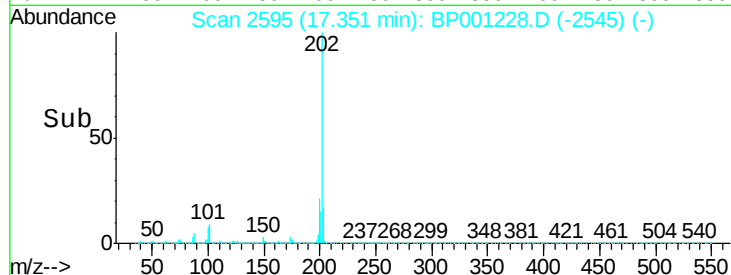
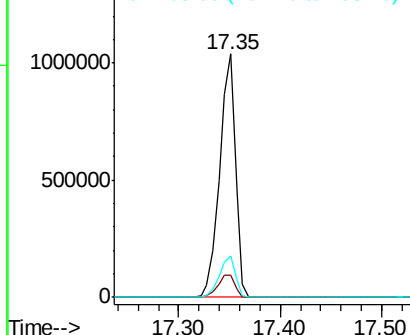
Tot Ion:	202	Resp:	1118975
Ion Ratio	Lower	Upper	
202	100		
101	9.4	0.0	30.0
203	17.0	0.0	37.1

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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: 19.25 min Scan# 2917

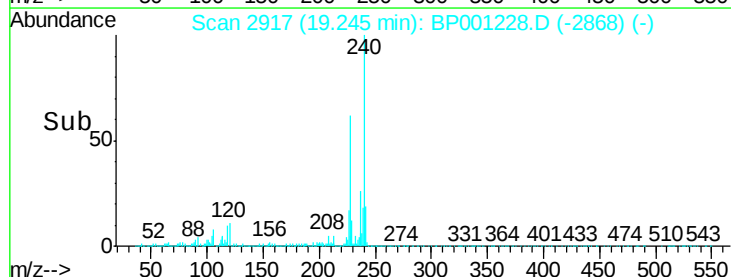
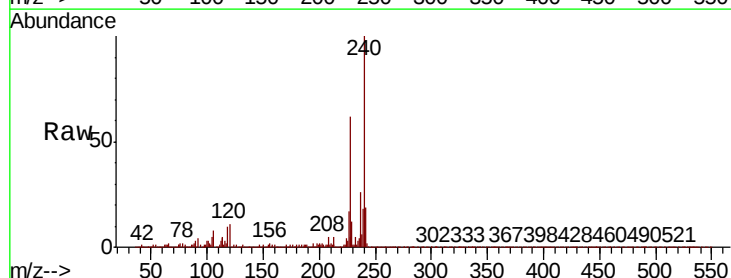
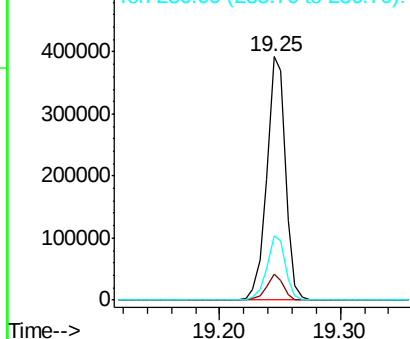
Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:	240	Resp:	424149
Ion Ratio	Lower	Upper	
240	100		
120	10.8	7.0	10.6#
236	26.4	21.7	32.5

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: 17.906 ng

RT: 17.53 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

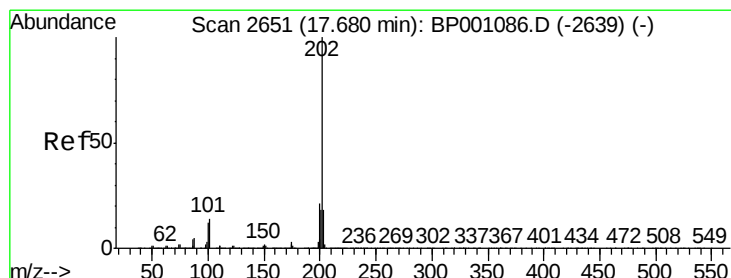
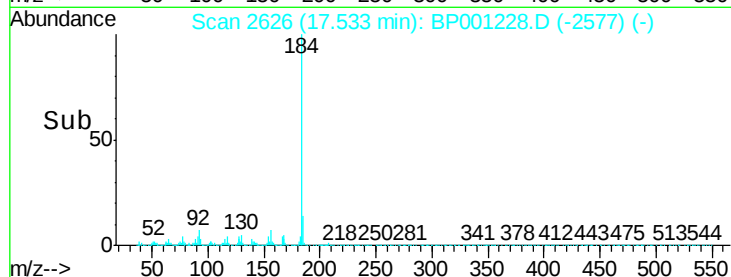
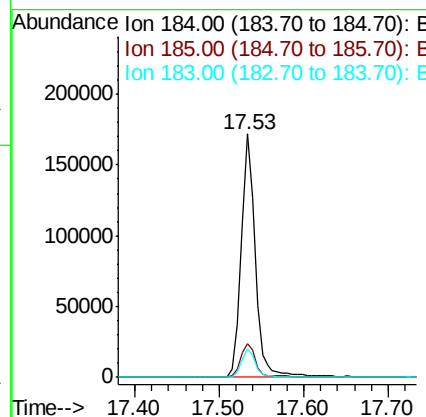
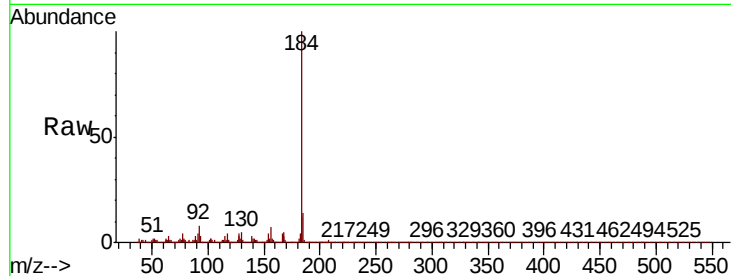
ClientSampleId :

PB125231BS

Tot Ion:	184	Resp:	196096
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.4	17.0
183	11.9	9.0	13.4

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#78

Pyrene

Concen: 34.209 ng

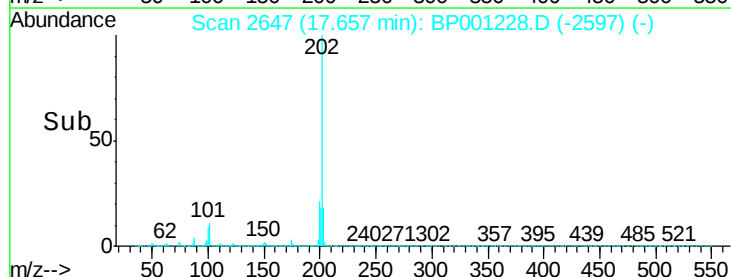
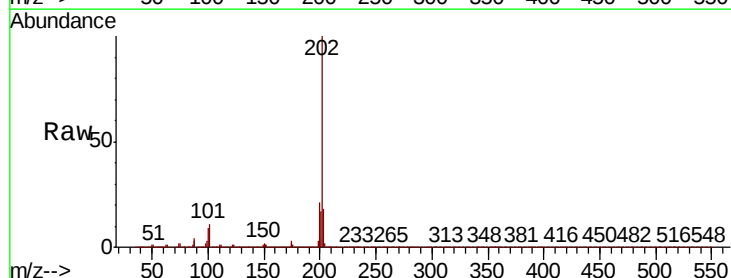
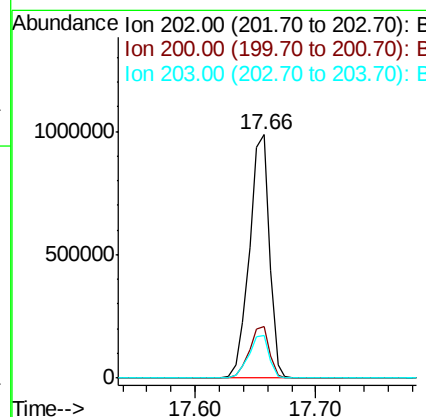
RT: 17.66 min Scan# 2647

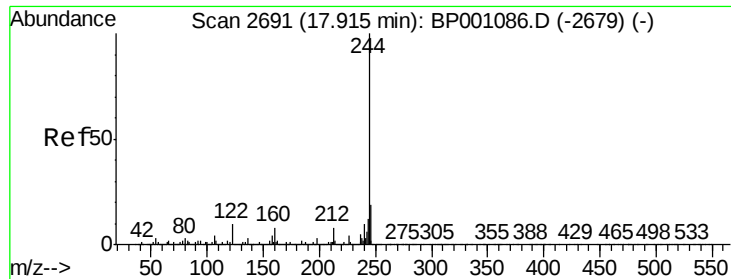
Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Tgt Ion:	202	Resp:	1142804
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.3	25.9
203	17.5	13.8	20.8





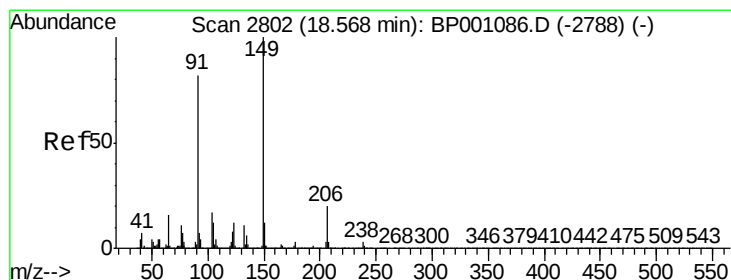
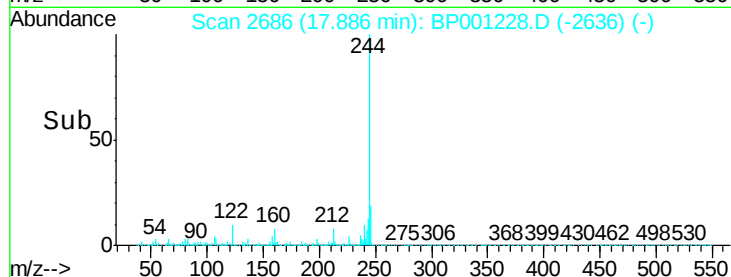
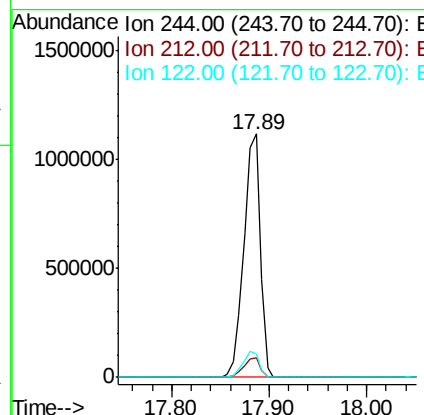
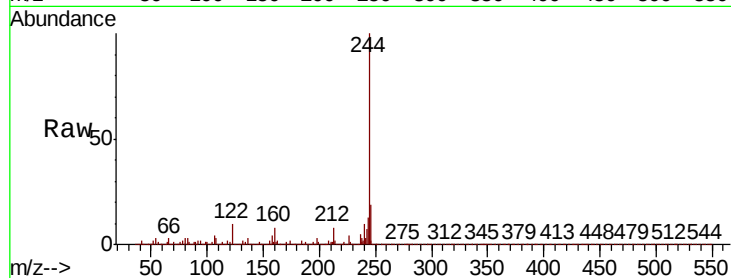
#79
 Terphenyl-d14
 Concen: 56.990 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Instrument :
 BNA_P
 ClientSampled :
 PB125231BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	9.8
122	9.6	9.2	13.8

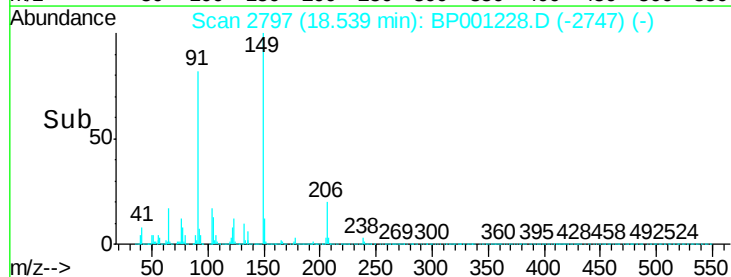
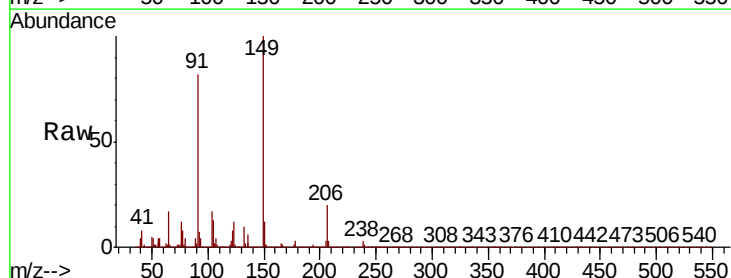
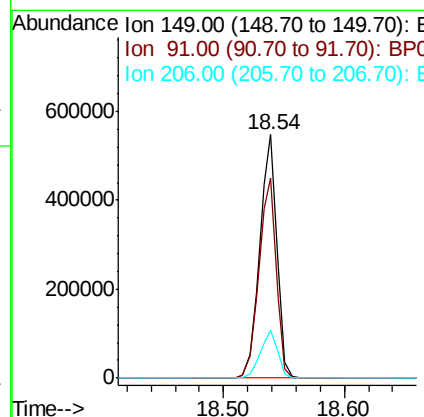
Manual Integrations
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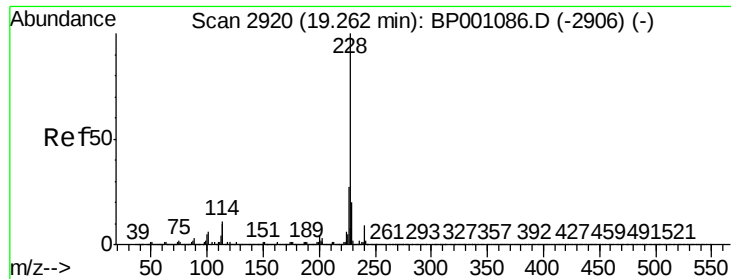
mohammad
 12/9/2019 3:10:31 PM



#80
 Butylbenzylphthalate
 Concen: 34.939 ng
 RT: 18.54 min Scan# 2797
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
149	100		
91	82.1	67.4	101.2
206	19.9	15.0	22.4





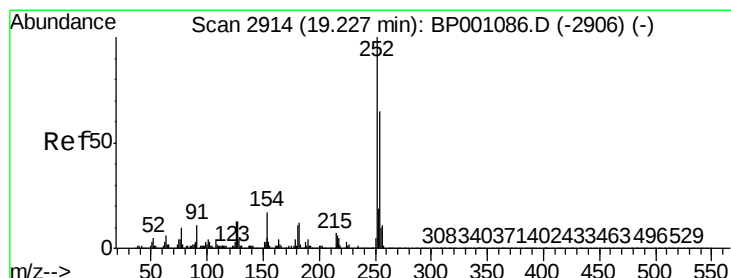
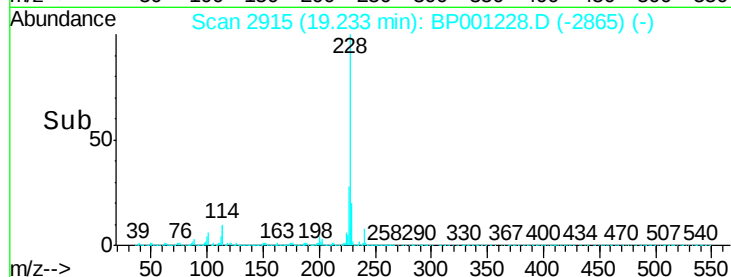
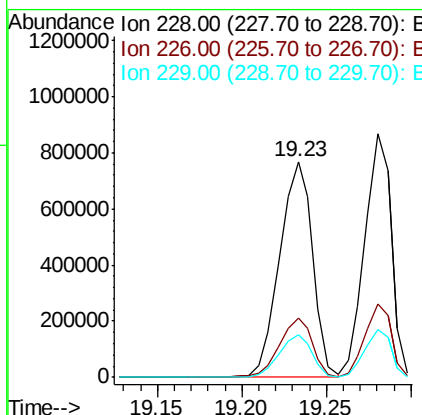
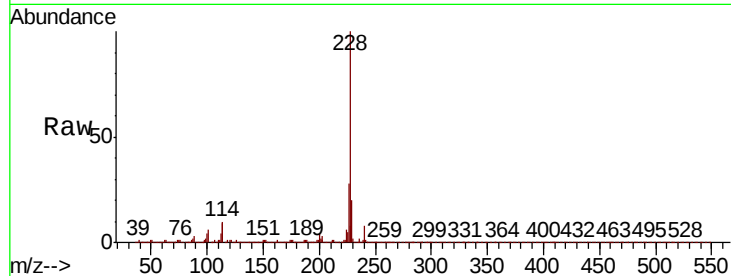
#81
Benzo(a)anthracene
Concen: 35.470 ng
RT: 19.23 min Scan# 2915
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion:228 Resp: 1043092
Ion Ratio Lower Upper
228 100
226 27.7 21.7 32.5
229 19.9 15.8 23.6

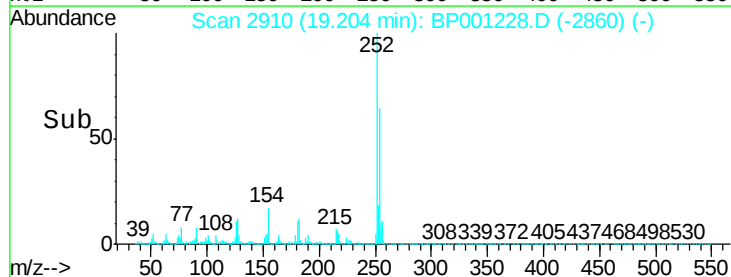
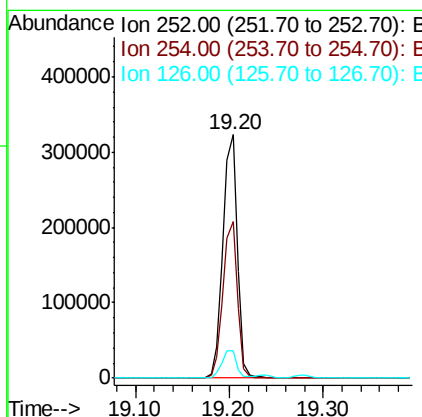
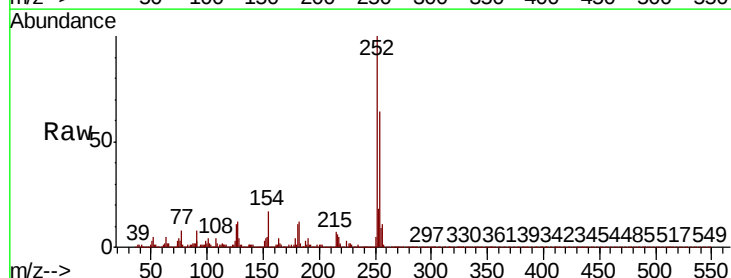
Manual Integrations
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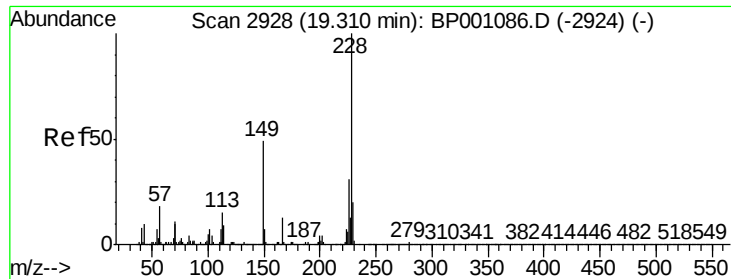
mohammad
12/9/2019 3:10:31 PM



#82
3,3'-Dichlorobenzidine
Concen: 35.876 ng
RT: 19.20 min Scan# 2910
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:252 Resp: 348544
Ion Ratio Lower Upper
252 100
254 64.5 52.3 78.5
126 11.1 9.4 14.2





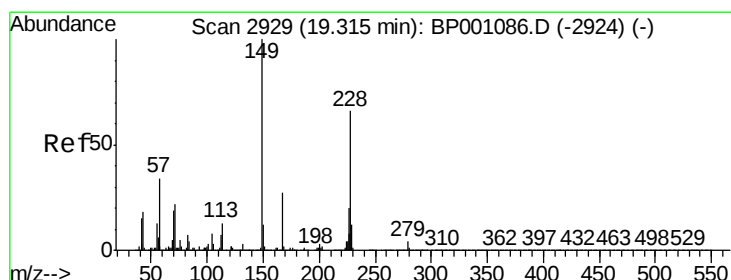
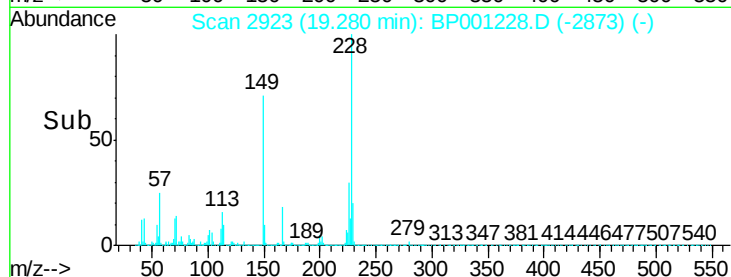
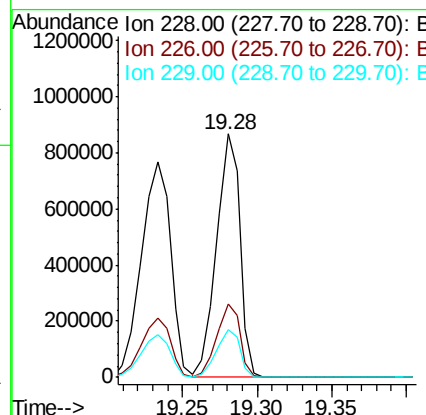
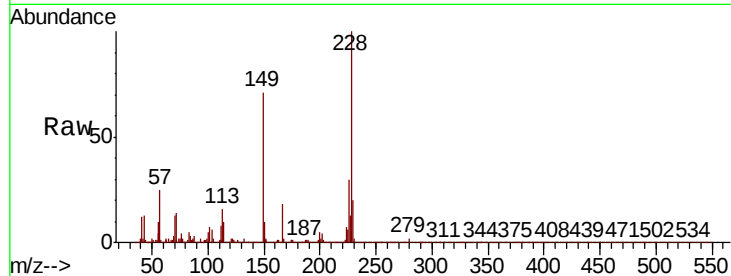
#83
 Chrysene
 Concen: 36.075 ng
 RT: 19.28 min Scan# 2923
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Instrument :
 BNA_P
 ClientSampled :
 PB125231BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	949991		
226	30.1	23.7	35.5	
229	19.7	15.2	22.8	

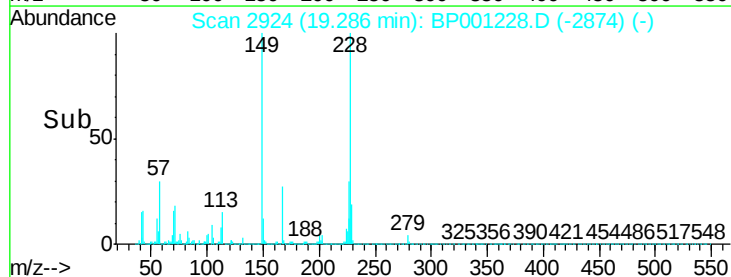
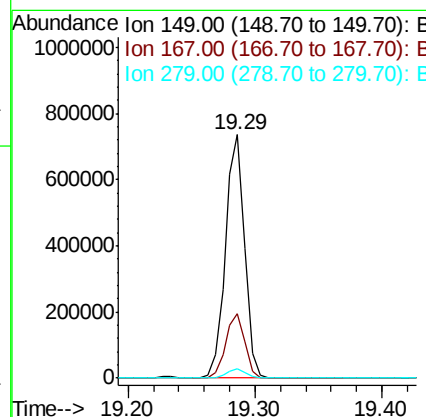
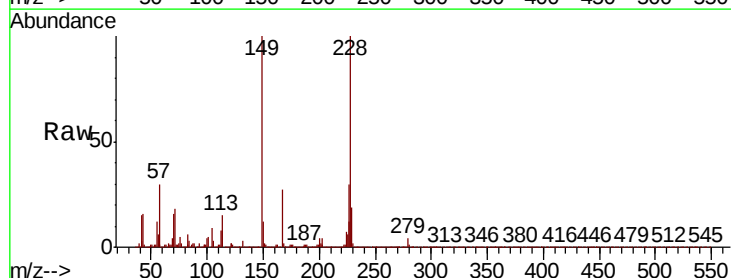
Manual Integrations
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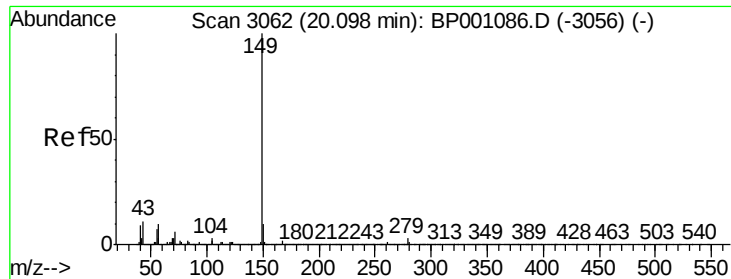
mohammad
 12/9/2019 3:10:31 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.299 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. -0.01 min
 Lab File: BP001228.D
 Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	770073		
167	26.6	20.8	31.2	
279	3.8	2.8	4.2	





#85

Di-n-octyl phthalate

Concen: 35.470 ng

RT: 20.07 min Scan# 3057

Delta R.T. -0.01 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

Instrument :

BNA_P

ClientSampleId :

PB125231BS

Tot Ion:149 Resp: 1336706

Ion Ratio Lower Upper

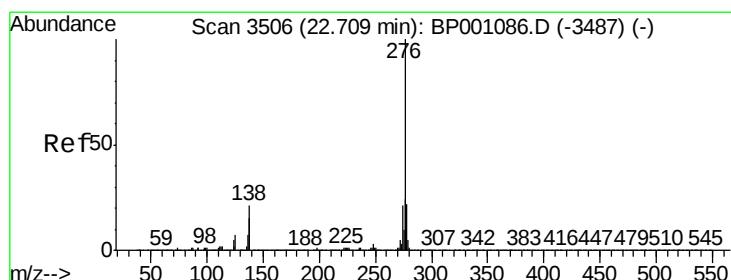
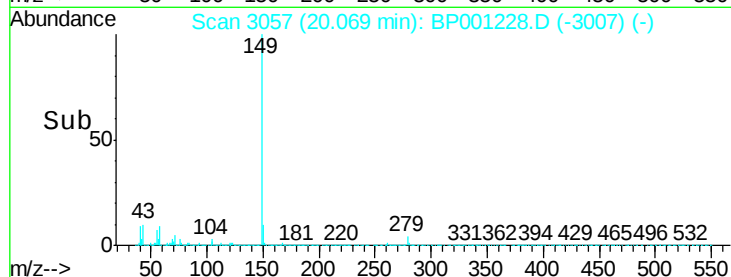
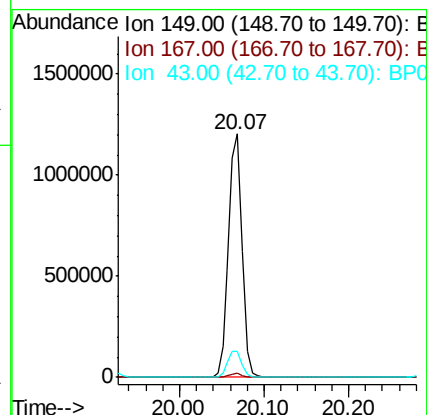
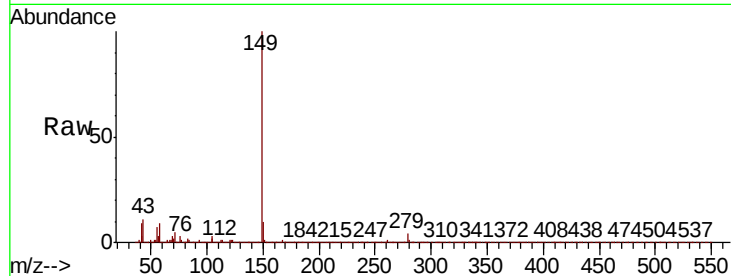
149 100

167 1.5 1.3 1.9

43 11.3 9.1 13.7

Manual Integrations
APPROVED

mohammad
12/9/2019 3:10:31 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.769 ng

RT: 22.66 min Scan# 3497

Delta R.T. -0.02 min

Lab File: BP001228.D

Acq: 06 Dec 2019 14:22

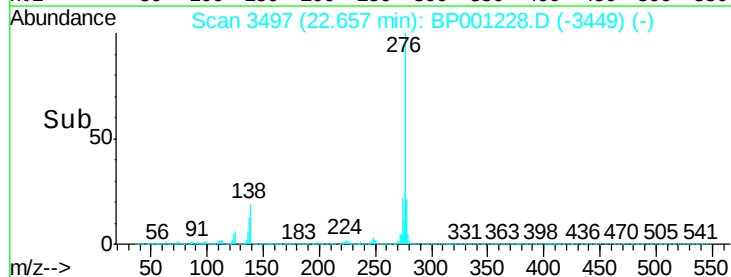
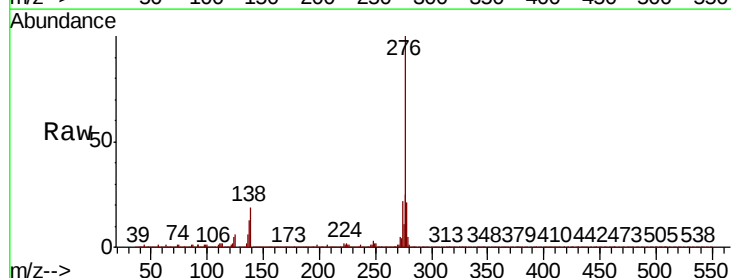
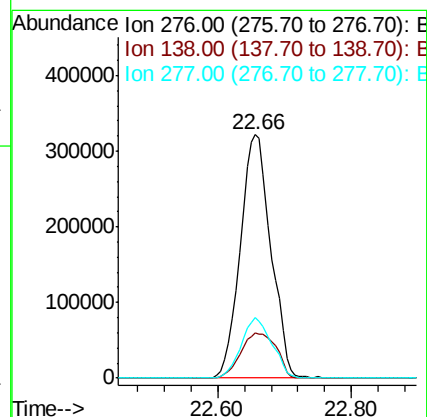
Tgt Ion:276 Resp: 1016991

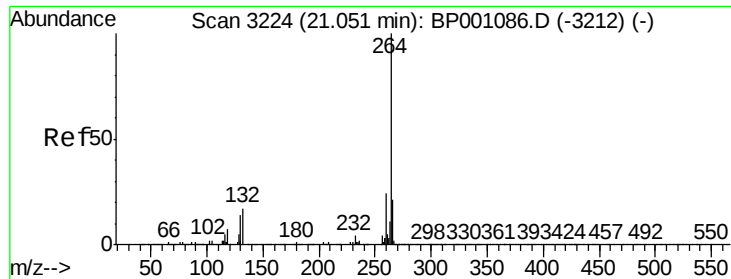
Ion Ratio Lower Upper

276 100

138 21.5 17.9 26.9

277 25.0 20.1 30.1





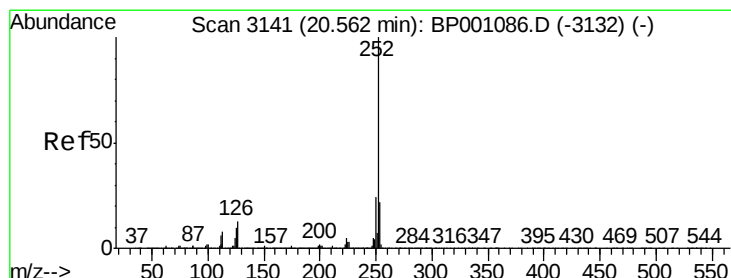
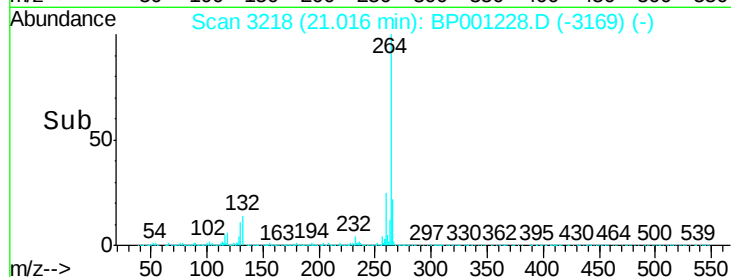
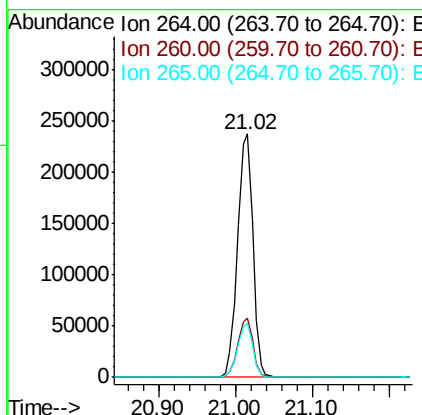
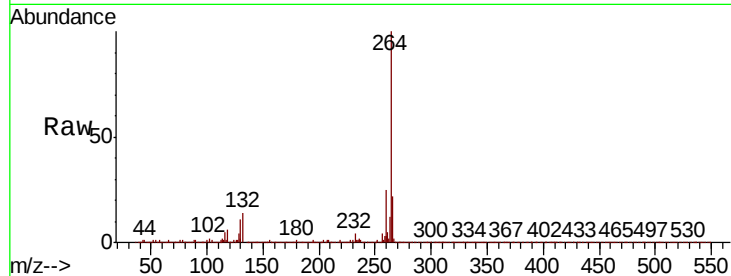
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	22.2	17.1	25.7

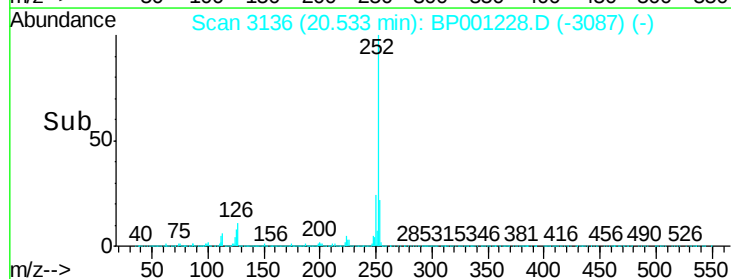
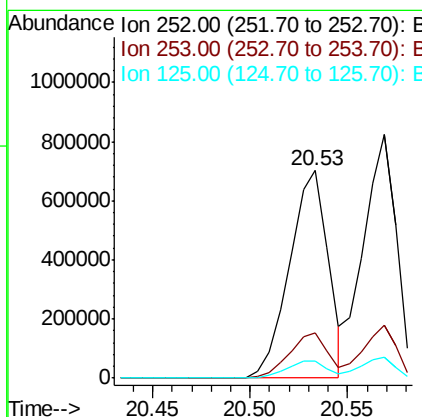
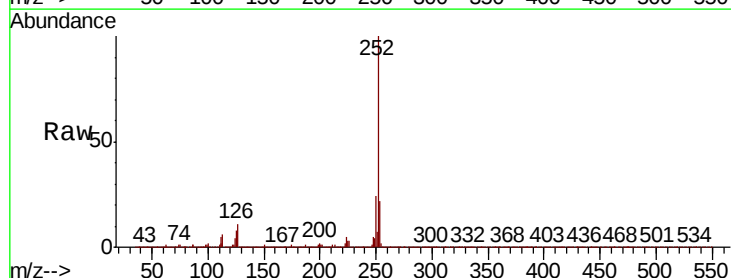
Manual Integrations
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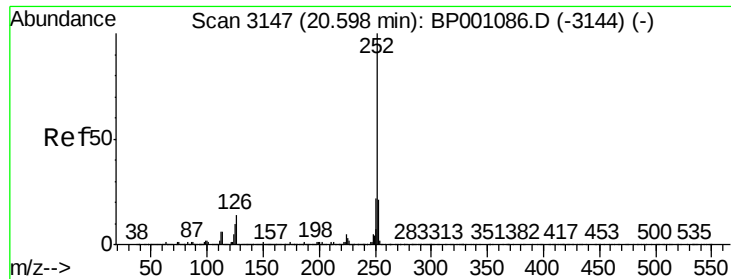
mohammad
12/9/2019 3:10:31 PM



#88
Benzo(b)fluoranthene
Concen: 47.433 ng
RT: 20.53 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	7.9	6.6	9.8





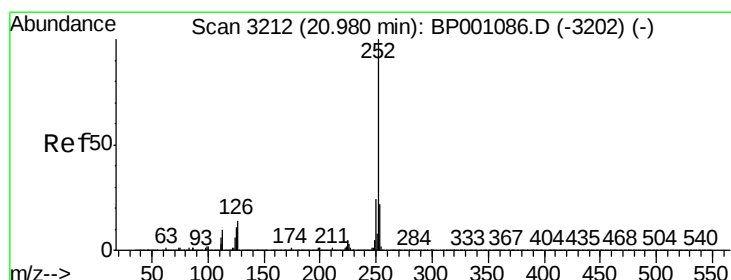
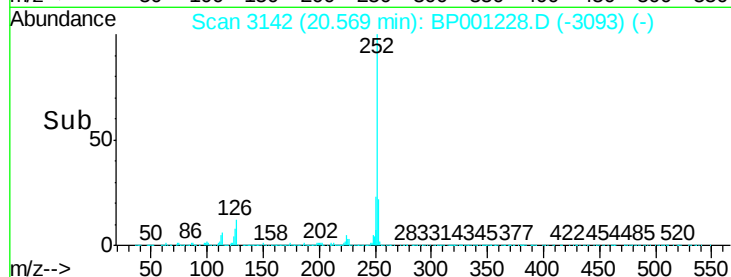
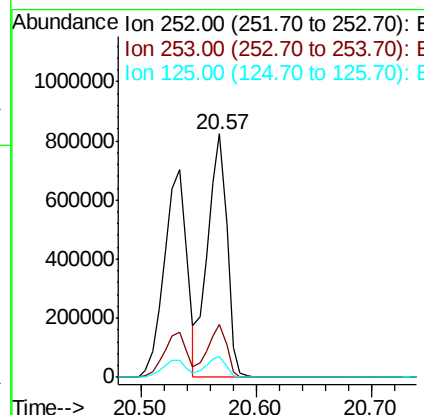
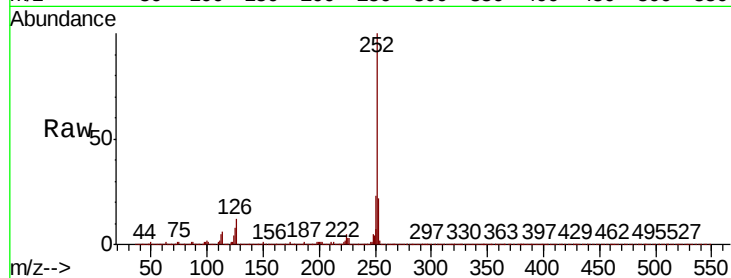
#89
Benzo(k)fluoranthene
Concen: 49.265 ng
RT: 20.57 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampled :
PB125231BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	8.4	6.2	9.4

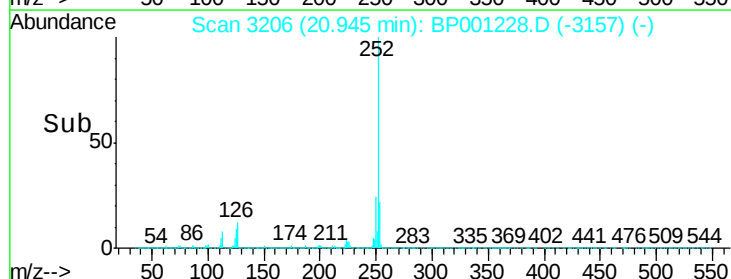
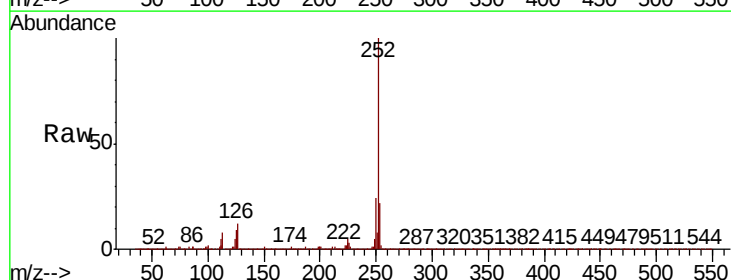
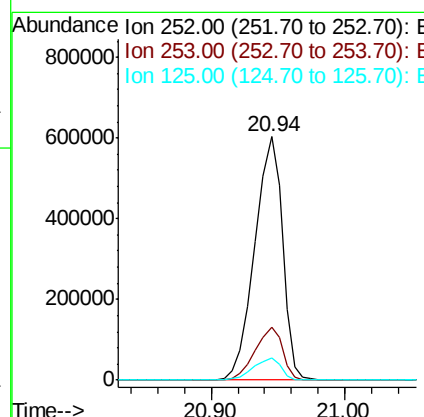
Manual Integrations
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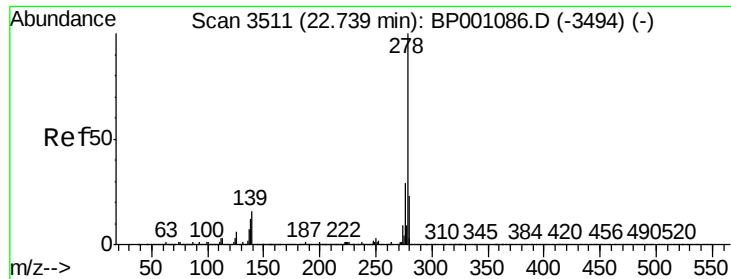
mohammad
12/9/2019 3:10:31 PM



#90
Benzo(a)pyrene
Concen: 45.961 ng
RT: 20.94 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	9.1	7.8	11.6





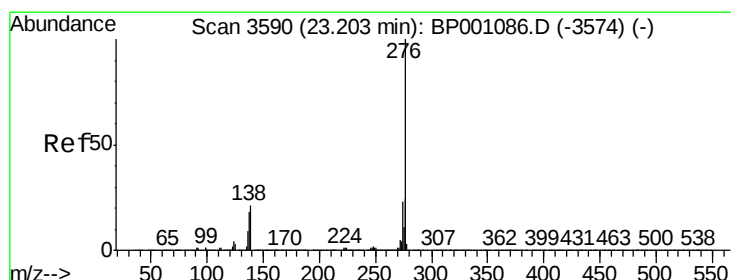
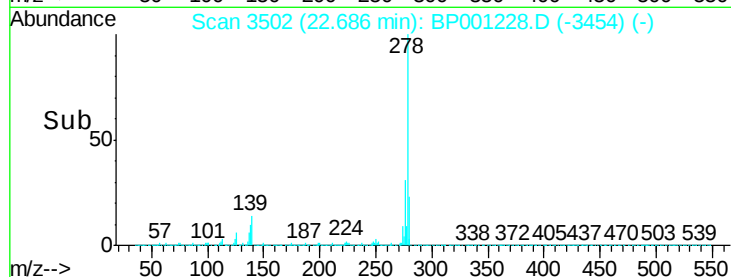
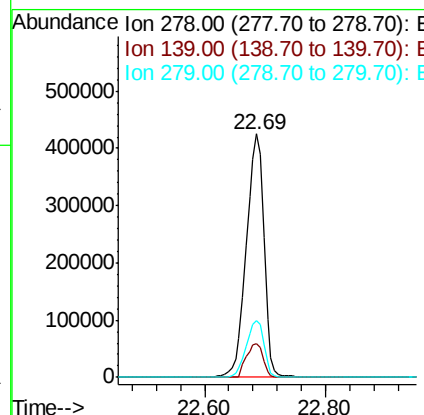
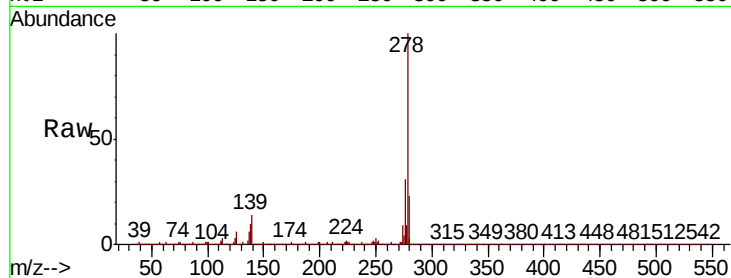
#91
Dibenzo(a,h)anthracene
Concen: 47.024 ng
RT: 22.69 min Scan# 3502
Delta R.T. -0.02 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Instrument :
BNA_P
ClientSampleId :
PB125231BS

Tot Ion:	278	Resp:	863254
Ion Ratio	Lower	Upper	
278	100		
139	13.6	11.6	17.4
279	23.5	18.7	28.1

Manual Integrations
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mohammad
12/9/2019 3:10:31 PM



#92
Benzo(g,h,i)perylene
Concen: 46.794 ng
RT: 23.15 min Scan# 3581
Delta R.T. -0.02 min
Lab File: BP001228.D
Acq: 06 Dec 2019 14:22

Tgt Ion:	276	Resp:	848235
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.6	28.0
138	18.0	15.6	23.4

