

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001117.D
 Acq On : 28 Nov 2019 09:46
 Operator : JU
 Sample : K5663-04MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-112219MSD

Manual Integrations
 APPROVED

mohammad
 11/29/2019 8:55:28 AM

Quant Time: Nov 29 03:23:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	136772	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	523426	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	300294	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	577039	20.00	ng	0.00
76) Chrysene-d12	19.27	240	441308	20.00	ng	0.00
87) Perylene-d12	21.04	264	479722	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.25	112	1156403	140.27	ng	0.02
7) Phenol-d6	7.78	99	1581285	143.98	ng	0.01
23) Nitrobenzene-d5	9.21	82	1047109	86.79	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	387361	134.58	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1710892	83.39	ng	0.00
79) Terphenyl-d14	17.91	244	2120013	88.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	154997	40.252	ng	# 84
3) Pyridine	3.55	79	382484	35.796	ng	97
4) n-Nitrosodimethylamine	3.43	42	224908	48.642	ng	90
6) Aniline	7.80	93	117963	8.101	ng	# 1
8) 2-Chlorophenol	7.99	128	411239	48.215	ng	100
9) Benzaldehyde	7.63	77	189789	27.205	ng	98
10) Phenol	7.80	94	580051	46.431	ng	89
11) bis(2-Chloroethyl)ether	7.93	93	449770	46.234	ng	98
12) 1,3-Dichlorobenzene	8.23	146	428826	42.418	ng	99
13) 1,4-Dichlorobenzene	8.36	146	435797	42.792	ng	100
14) 1,2-Dichlorobenzene	8.59	146	415299	43.330	ng	99
15) Benzyl Alcohol	8.56	79	448667	49.766	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.79	45	673965	43.093	ng	99
17) 2-Methylphenol	8.75	107	378445	48.370	ng	99
18) Hexachloroethane	9.13	117	178587	42.390	ng	98
19) n-Nitroso-di-n-propylamine	9.00	70	365929	46.174	ng	98
20) 3+4-Methylphenols	9.00	107	480356	48.705	ng	96
22) Acetophenone	8.97	105	675612	43.916	ng	99
24) Nitrobenzene	9.24	77	548875	45.752	ng	99
25) Isophorone	9.64	82	1009522	46.664	ng	98
26) 2-Nitrophenol	9.75	139	206615	47.020	ng	98
27) 2,4-Dimethylphenol	9.85	122	377831	54.283	ng	96
28) bis(2-Chloroethoxy)methane	10.00	93	585943	43.168	ng	99
29) 2,4-Dichlorophenol	10.14	162	371672	46.916	ng	99
30) 1,2,4-Trichlorobenzene	10.28	180	391516	42.313	ng	99
31) Naphthalene	10.40	128	1201771	44.955	ng	99
32) Benzoic acid	10.00	122	124171	24.676	ng	96
33) 4-Chloroaniline	10.49	127	63888	5.507	ng	96
34) Hexachlorobutadiene	10.62	225	237029	40.722	ng	99
35) Caprolactam	11.06	113	123082m	45.080	ng	
36) 4-Chloro-3-methylphenol	11.31	107	448718	47.774	ng	98
37) 2-Methylnaphthalene	11.53	142	832913	45.661	ng	98
38) 1-Methylnaphthalene	11.69	142	780742	45.309	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.80	216	390355	41.248	ng	99

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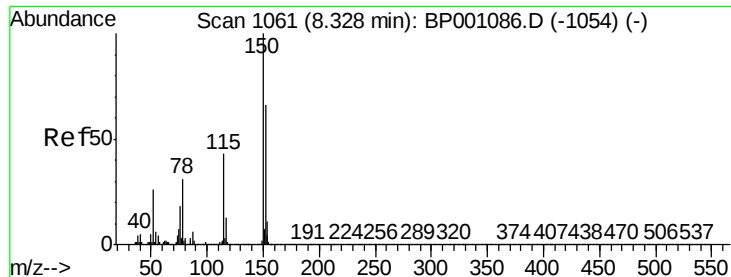
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	361663	82.840	ng	98
43) 2,4,6-Trichlorophenol	12.00	196	276427	44.736	ng	98
44) 2,4,5-Trichlorophenol	12.05	196	297101	46.406	ng	96
46) 1,1'-Biphenyl	12.30	154	1005700	43.335	ng	100
47) 2-Chloronaphthalene	12.32	162	785191	42.356	ng	99
48) 2-Nitroaniline	12.49	65	309499	42.599	ng	96
49) Acenaphthylene	13.00	152	1266214	45.568	ng	100
50) Dimethylphthalate	12.83	163	1070878	47.681	ng	100
51) 2,6-Dinitrotoluene	12.90	165	216187	44.967	ng	99
52) Acenaphthene	13.28	154	737055	44.095	ng	100
53) 3-Nitroaniline	13.16	138	47886	8.867	ng	98
54) 2,4-Dinitrophenol	13.33	184	77169	42.913	ng	91
55) Dibenzofuran	13.57	168	1134583	45.171	ng	99
56) 4-Nitrophenol	13.46	139	358698	93.730	ng	90
57) 2,4-Dinitrotoluene	13.56	165	279894	46.446	ng	91
58) Fluorene	14.13	166	905469	44.989	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.77	232	242999	46.173	ng	96
60) Diethylphthalate	13.99	149	1030658	44.320	ng	99
61) 4-Chlorophenyl-phenylether	14.15	204	454086	44.306	ng	100
62) 4-Nitroaniline	12.49	138	263200	42.035	ng	99
63) Azobenzene	14.41	77	1143512	45.491	ng	99
65) 4,6-Dinitro-2-methylphenol	14.22	198	75181	32.682	ng	98
66) n-Nitrosodiphenylamine	14.35	169	793257	45.244	ng	100
67) 4-Bromophenyl-phenylether	14.95	248	270264	43.141	ng	92
68) Hexachlorobenzene	15.03	284	292612	42.486	ng	99
69) Atrazine	15.23	200	286495	53.517	ng	97
70) Pentachlorophenol	15.34	266	307014	85.527	ng	98
71) Phenanthrene	15.66	178	1358757	44.789	ng	100
72) Anthracene	15.74	178	1397321	46.731	ng	99
73) Carbazole	15.99	167	1248879	45.900	ng	100
74) Di-n-butylphthalate	16.54	149	1705747	46.627	ng	99
75) Fluoranthene	17.37	202	1490004	46.394	ng	99
77) Benzidine	17.56	184	339329	29.781	ng	99
78) Pyrene	17.68	202	1519244	43.709	ng	100
80) Butylbenzylphthalate	18.56	149	731378	45.557	ng	97
81) Benzo(a)anthracene	19.26	228	1370965	44.806	ng	100
82) 3,3'-Dichlorobenzidine	19.22	252	153905	15.226	ng	98
83) Chrysene	19.30	228	1255074	45.807	ng	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1025814	46.474	ng	99
85) Di-n-octyl phthalate	20.09	149	1843342	47.012	ng	99
86) Indeno(1,2,3-cd)pyrene	22.70	276	1472098	45.589	ng	100
88) Benzo(b)fluoranthene	20.56	252	1304216	44.510	ng	99
89) Benzo(k)fluoranthene	20.60	252	1294344	45.864	ng	99
90) Benzo(a)pyrene	20.97	252	1189825	44.085	ng	100
91) Dibenzo(a,h)anthracene	22.73	278	1234338	46.734	ng	99
92) Benzo(g,h,i)perylene	23.20	276	1253515	48.063	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

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Instrument :

BNA_P

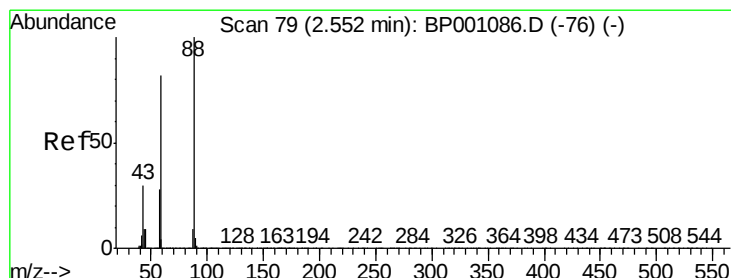
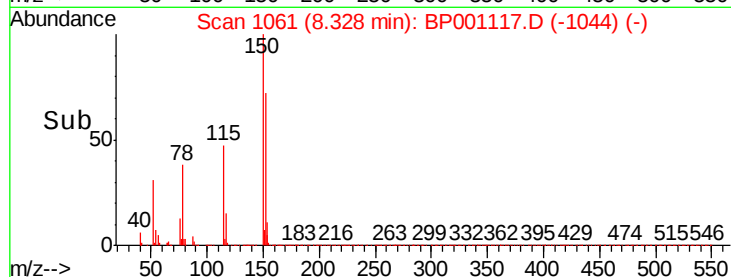
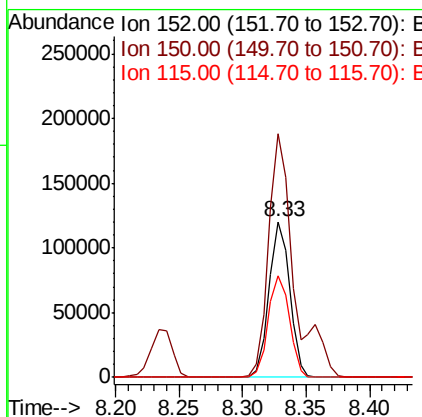
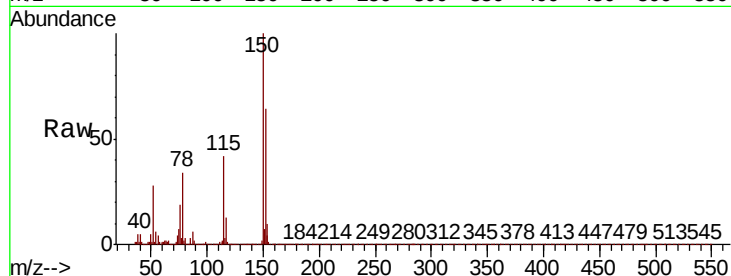
ClientSampleId :

AU-06-112219MSD

Tot Ion:	152	Resp:	136772
Ion Ratio	Lower	Upper	
152	100		
150	156.3	120.6	181.0
115	65.5	51.6	77.4

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#2

1,4-Dioxane

Concen: 40.252 ng

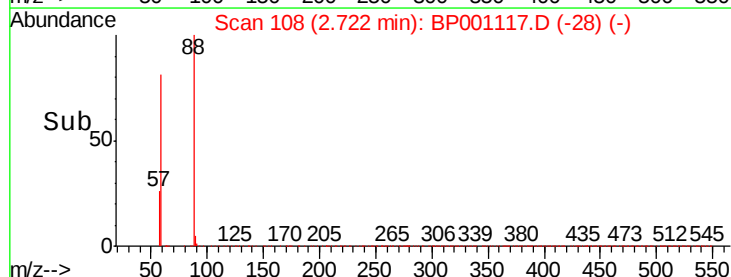
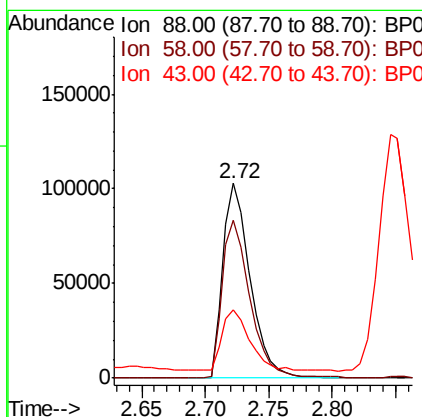
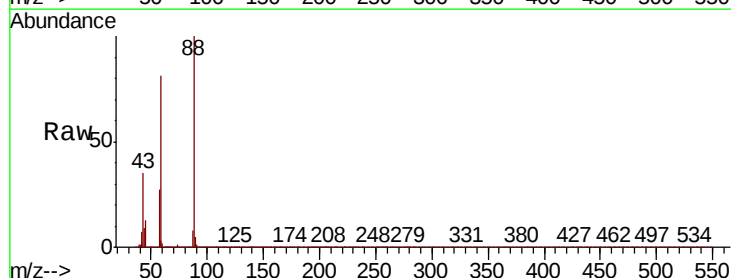
RT: 2.72 min Scan# 108

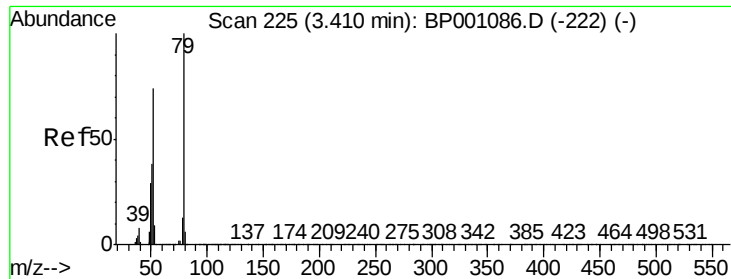
Delta R.T. 0.17 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Tgt Ion:	88	Resp:	154997
Ion Ratio	Lower	Upper	
88	100		
58	81.6	64.3	96.5
43	0.0	23.8	35.6#





#3

Pvridine

Concen: 35.796 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.14 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Instrument :

BNA_P

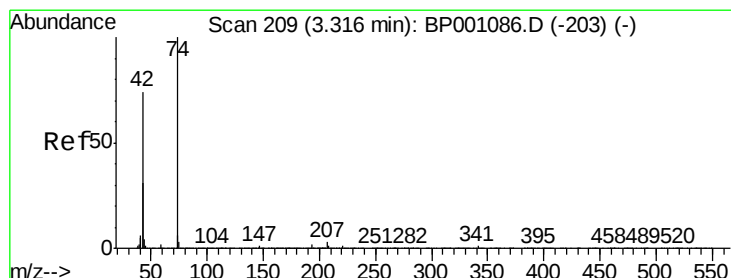
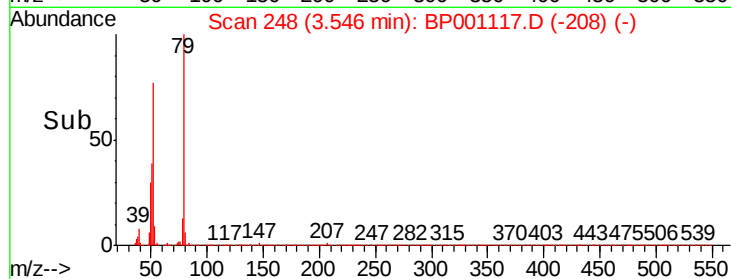
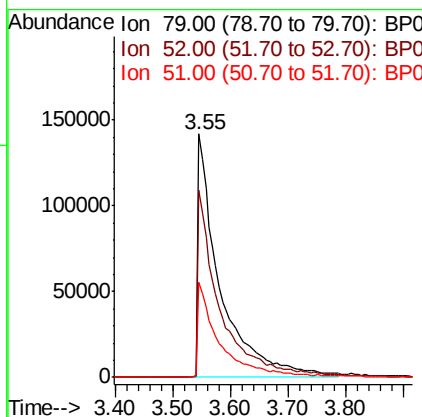
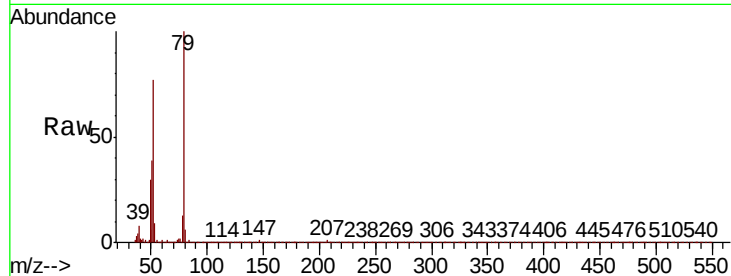
ClientSampleId :

AU-06-112219MSD

Tot Ion:	79	Resp:	382484
Ion Ratio	Lower	Upper	
79	100		
52	77.2	59.4	89.2
51	39.3	30.2	45.4

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#4

n-Nitrosodimethylamine

Concen: 48.642 ng

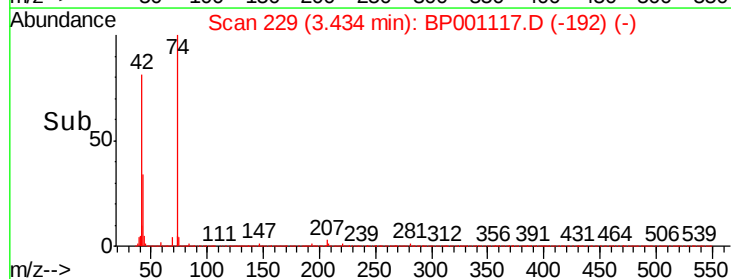
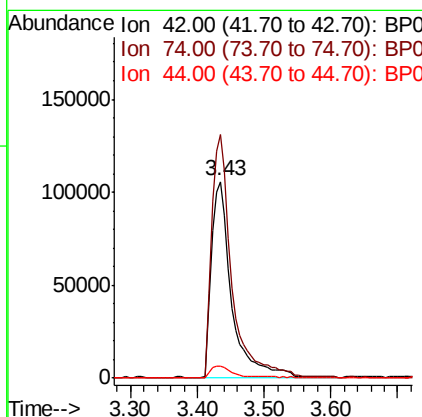
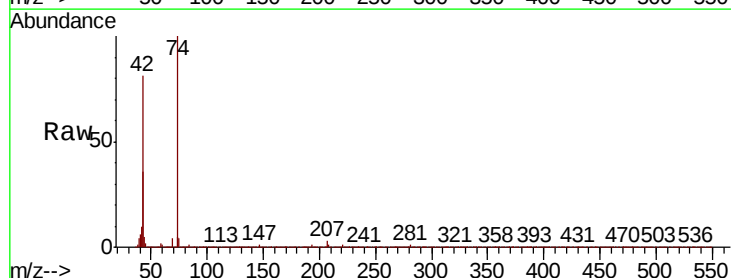
RT: 3.43 min Scan# 229

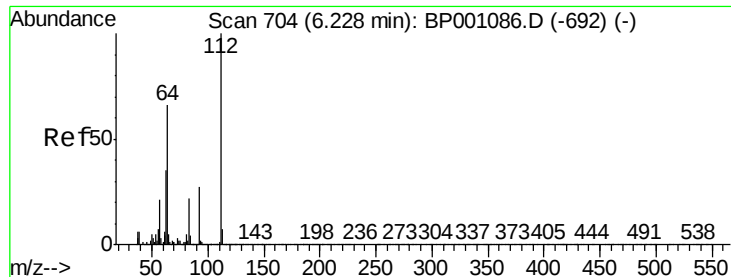
Delta R.T. 0.12 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Tgt Ion:	42	Resp:	224908
Ion Ratio	Lower	Upper	
42	100		
74	123.7	108.6	163.0
44	6.2	5.1	7.7





#5

2-Fluorophenol

Concen: 140.275 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.02 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Instrument :

BNA_P

ClientSampleId :

AU-06-112219MSD

Tot Ion:112 Resp: 1156403

Ion Ratio Lower Upper

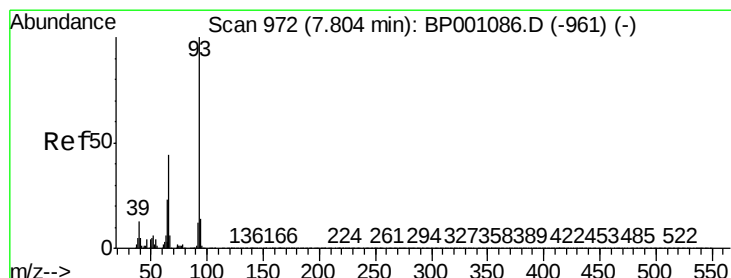
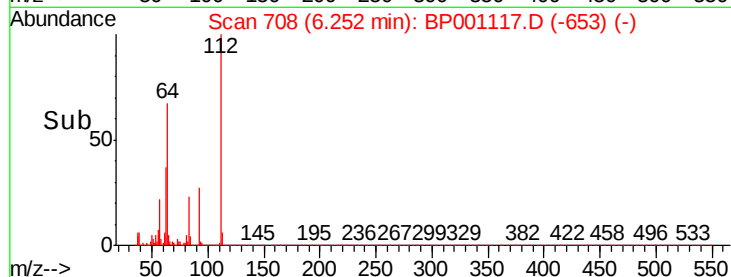
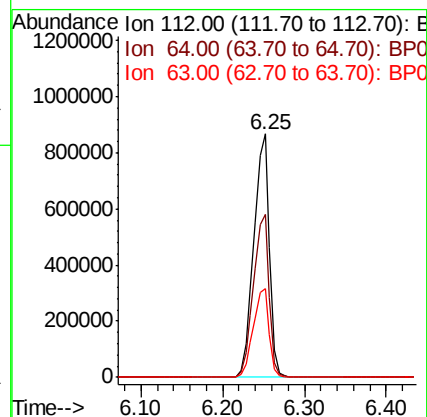
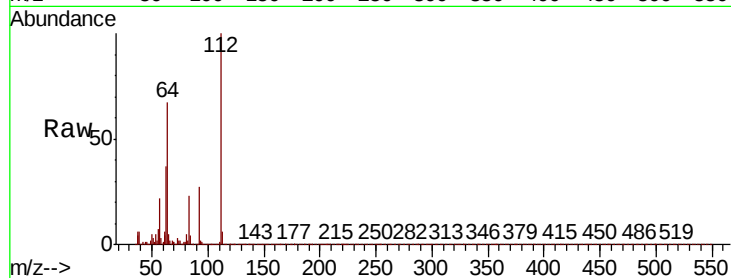
112 100

64 66.7 52.8 79.2

63 36.7 28.2 42.2

Manual Integrations
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#6

Aniline

Concen: 8.101 ng

RT: 7.80 min Scan# 972

Delta R.T. 0.00 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

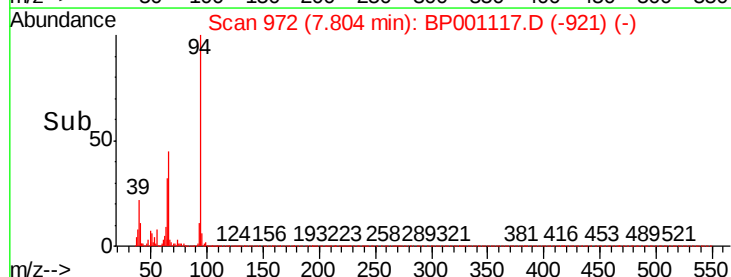
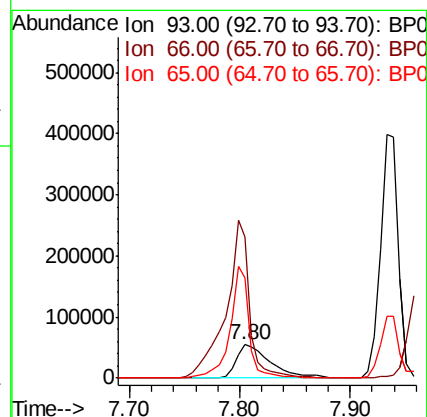
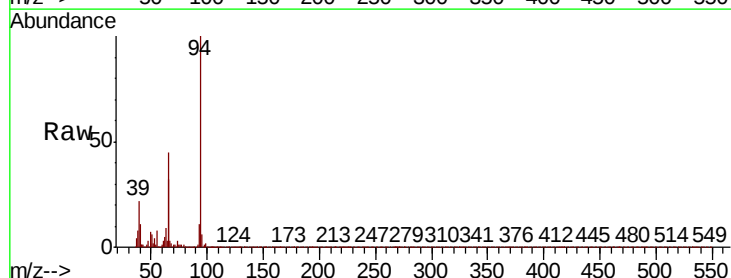
Tgt Ion: 93 Resp: 117963

Ion Ratio Lower Upper

93 100

66 418.6 34.9 52.3#

65 298.5 18.5 27.7#





#7

Phenol-d6

Concen: 143.978 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Instrument :

BNA_P

ClientSampleId :

AU-06-112219MSD

Tot Ion: 99 Resp: 1581285

Ion Ratio Lower Upper

99 100

42 20.5 15.4 23.0

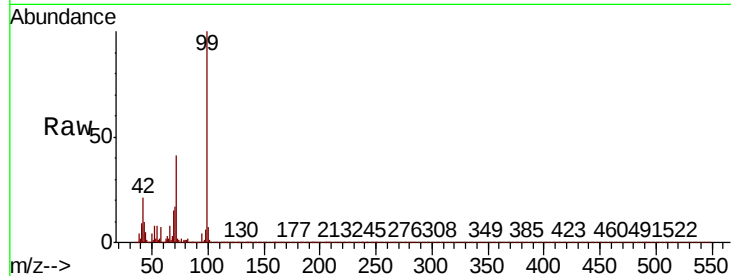
71 40.8 30.8 46.2

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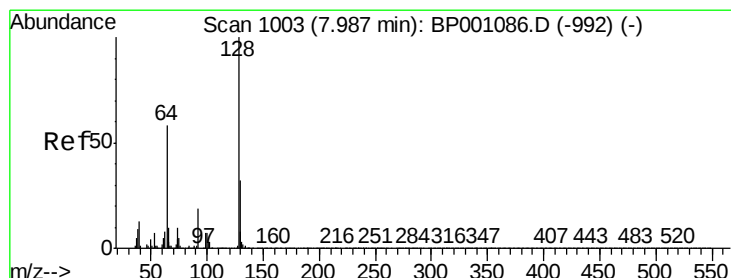
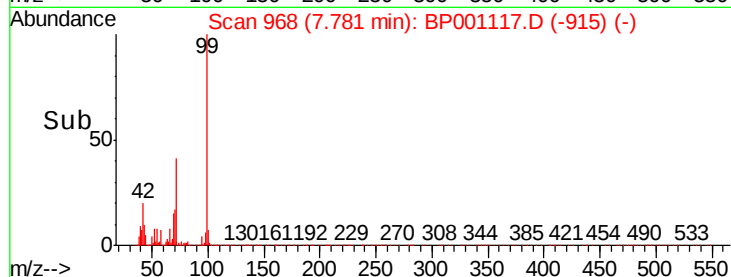
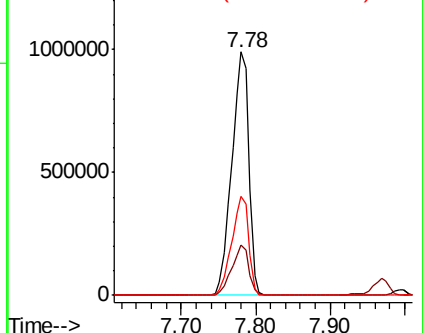
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 48.215 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

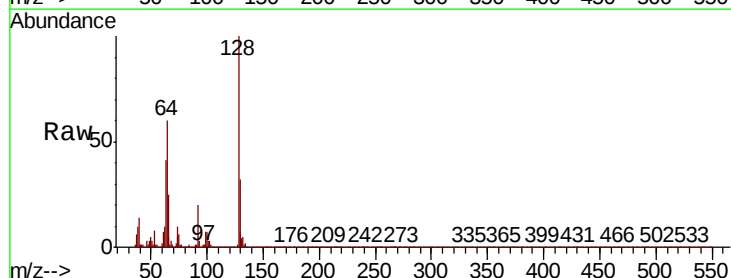
Tgt Ion: 128 Resp: 411239

Ion Ratio Lower Upper

128 100

130 32.0 11.7 51.7

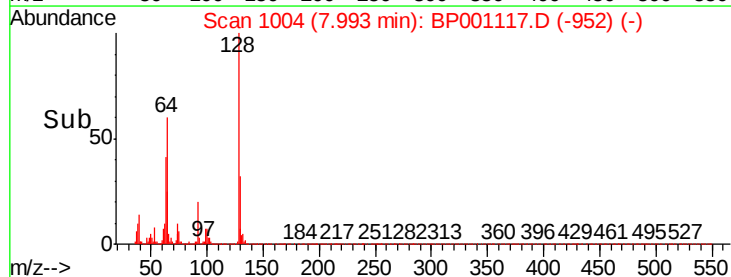
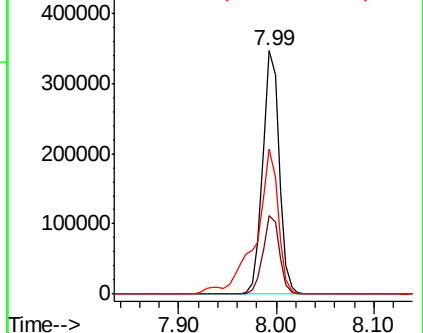
64 59.6 39.7 79.7

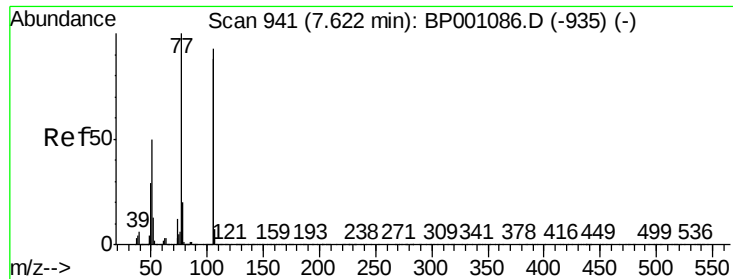


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 27.205 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Instrument :

BNA_P

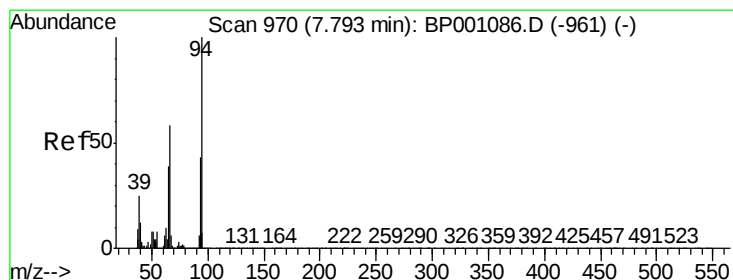
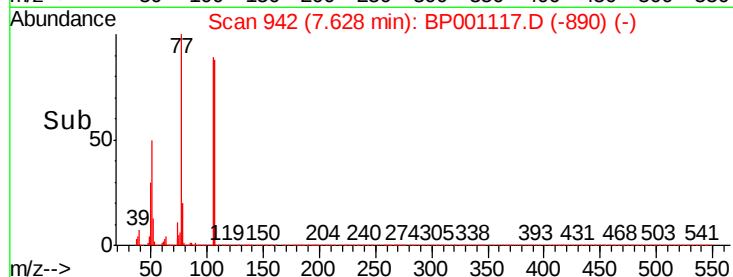
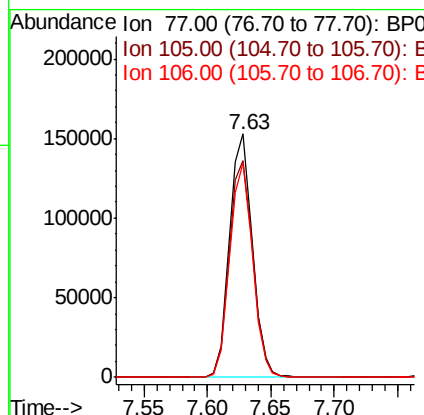
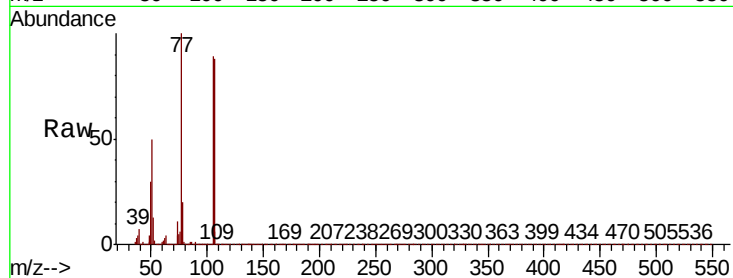
ClientSampleId :

AU-06-112219MSD

Tot Ion:	77	Resp:	189789
Ion Ratio	Lower	Upper	
77	100		
105	89.3	72.5	112.5
106	88.1	67.6	107.6

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#10

Phenol

Concen: 46.431 ng

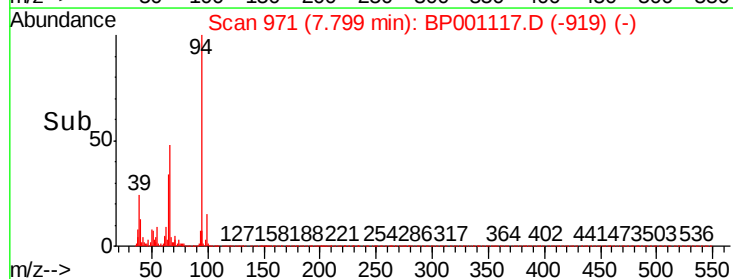
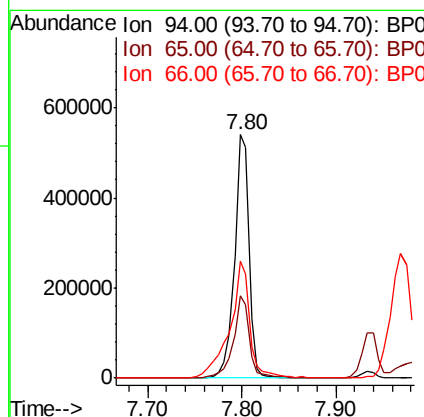
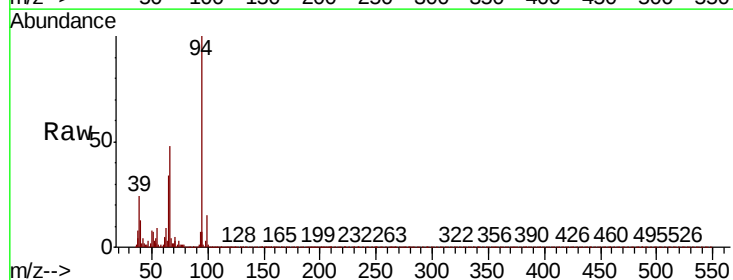
RT: 7.80 min Scan# 971

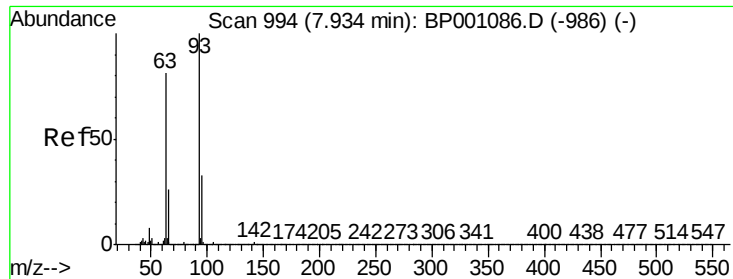
Delta R.T. 0.01 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Tgt Ion:	94	Resp:	580051
Ion Ratio	Lower	Upper	
94	100		
65	33.7	18.6	58.6
66	47.8	37.6	77.6





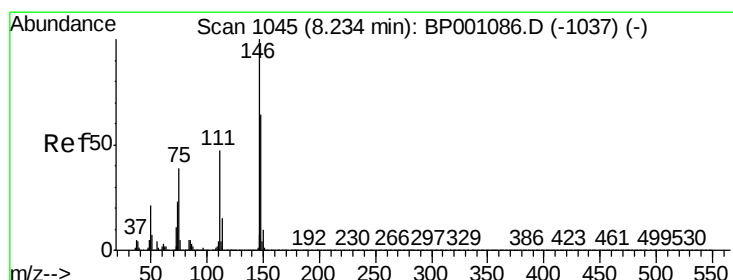
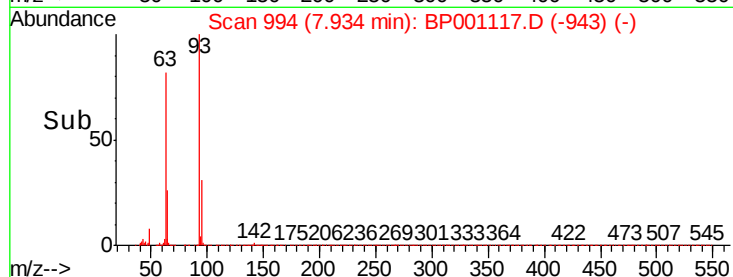
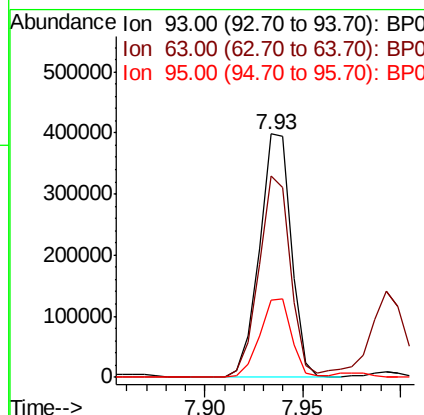
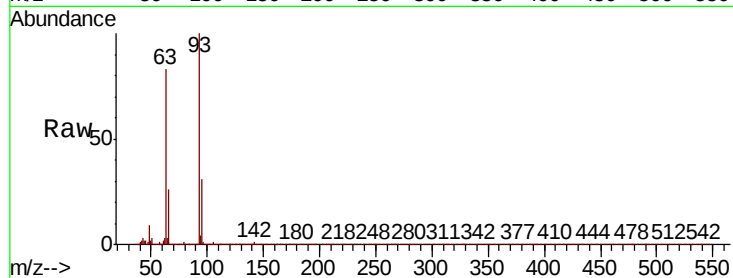
#11
bis(2-Chloroethyl)ether
Concen: 46.234 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	82.9	60.7	100.7
95	31.5	12.7	52.7

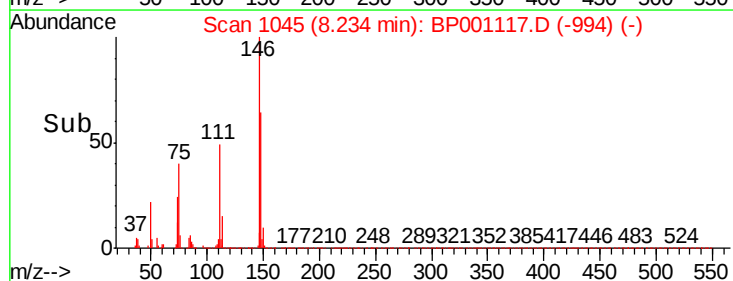
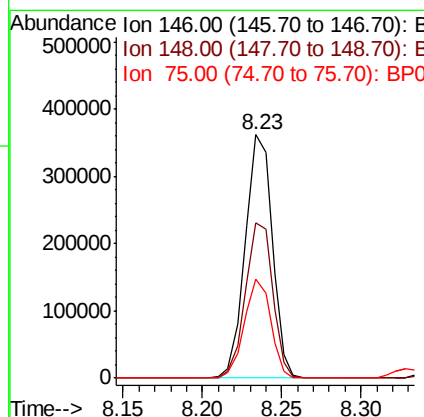
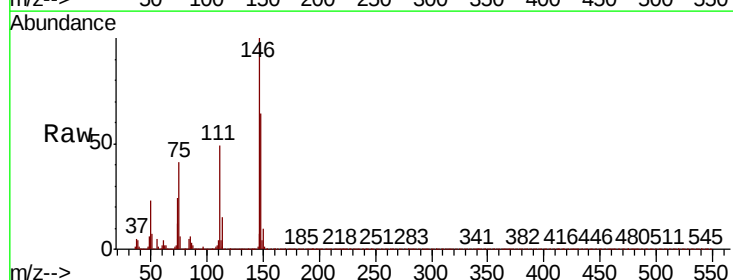
Manual Integrations
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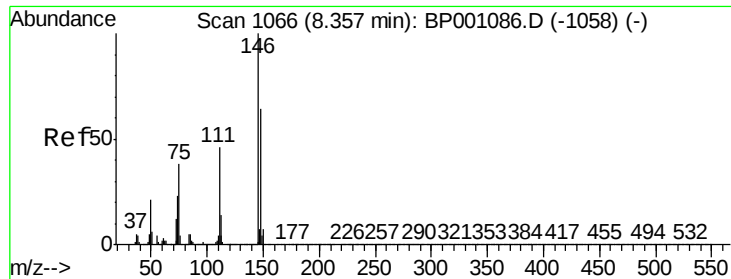
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.418 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.1	76.7
75	40.5	31.3	46.9





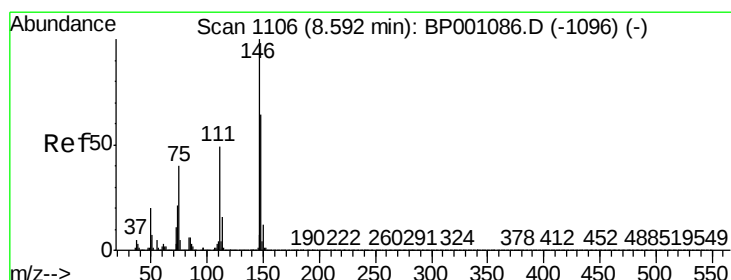
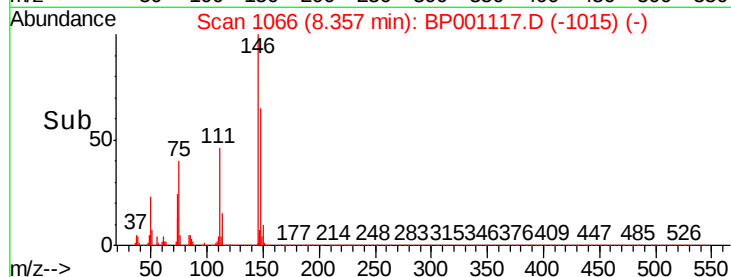
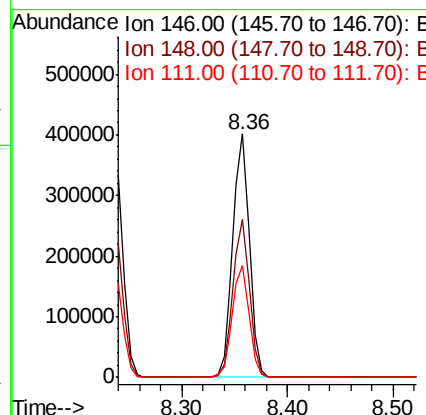
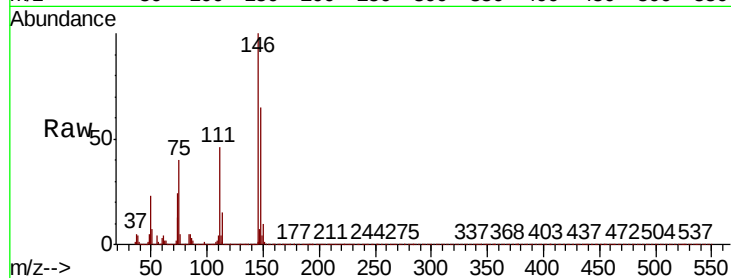
#13
 1,4-Dichlorobenzene
 Concen: 42.792 ng
 RT: 8.36 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BP001117.D
 Acq: 28 Nov 2019 09:46

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	46.1	37.0	55.6

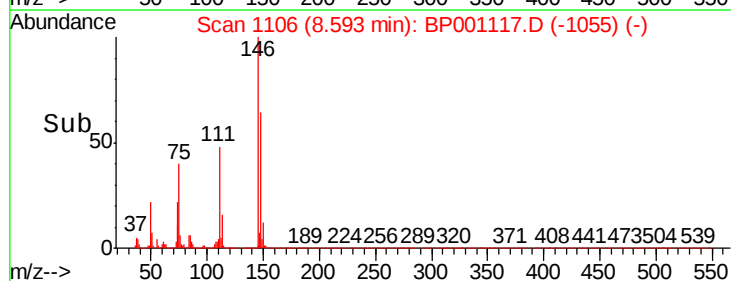
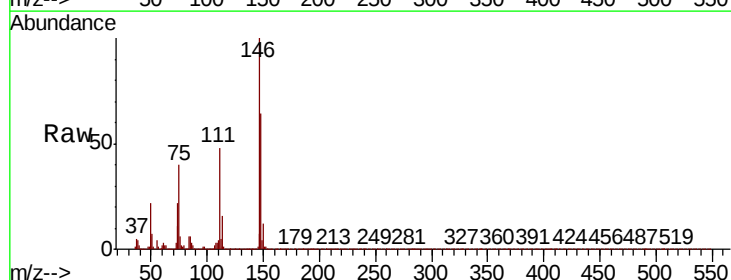
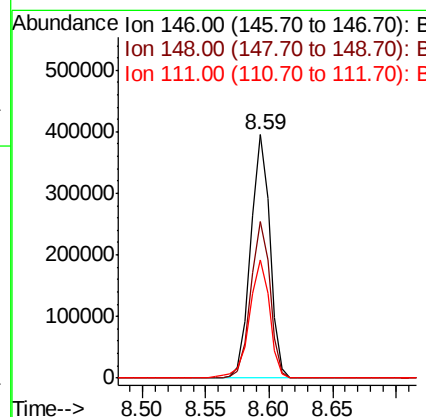
Manual Integrations
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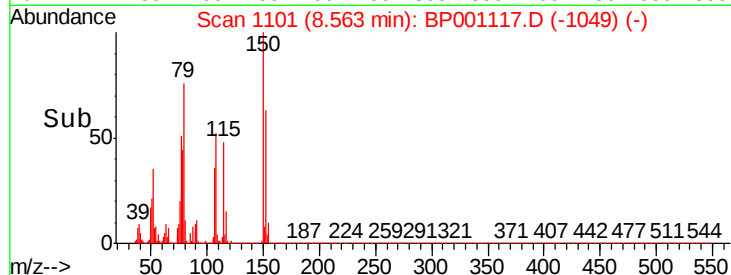
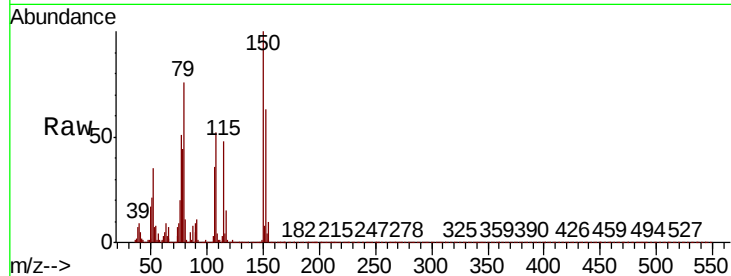
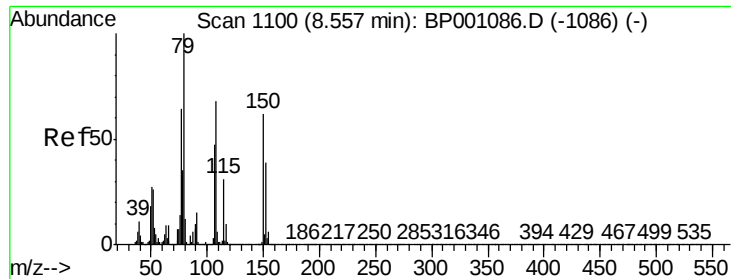
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#14
 1,2-Dichlorobenzene
 Concen: 43.330 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.00 min
 Lab File: BP001117.D
 Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.5	77.3
111	48.4	39.3	58.9





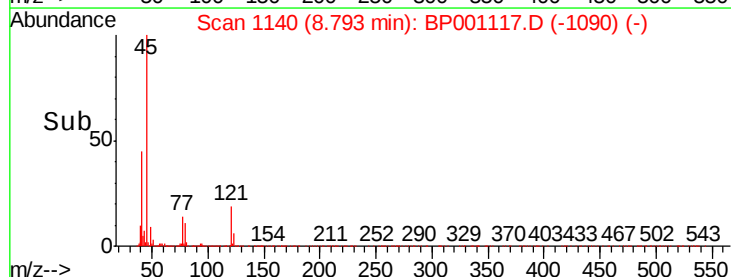
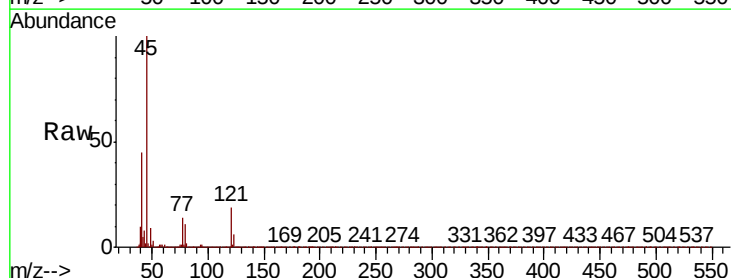
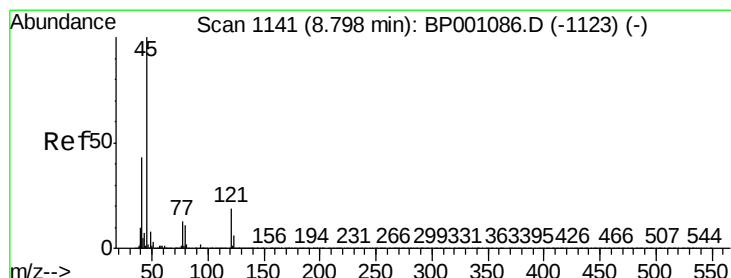
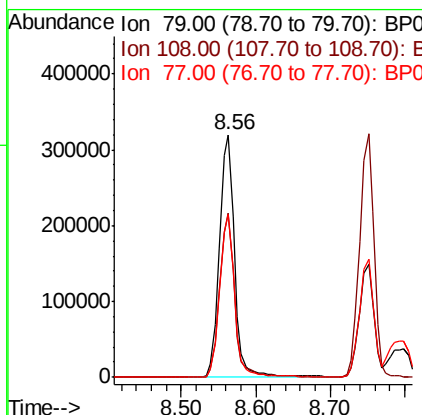
#15
Benzyl Alcohol
Concen: 49.766 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.7	54.8	82.2
77	67.0	51.4	77.2

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

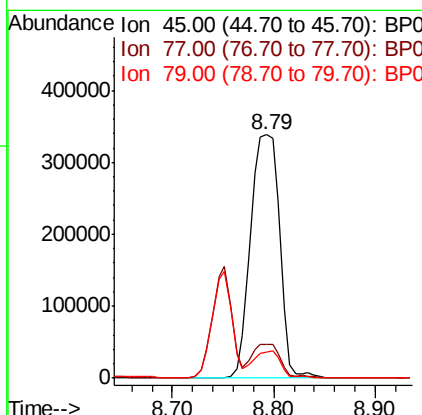
Manual Integrations
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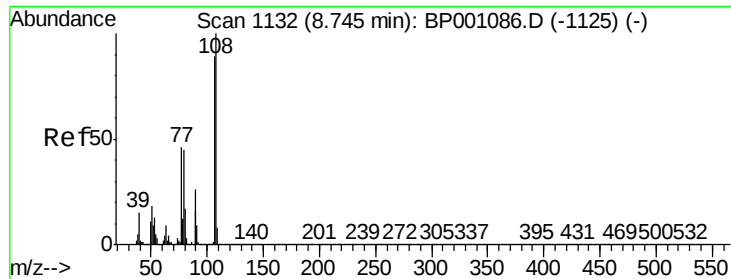
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.093 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.9	0.0	33.3
79	10.6	0.0	30.9





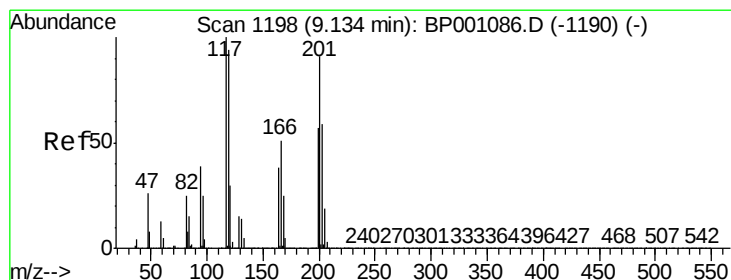
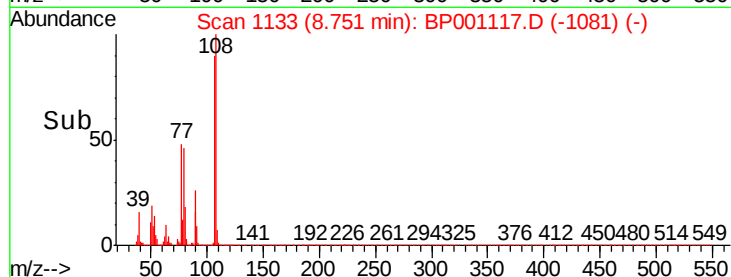
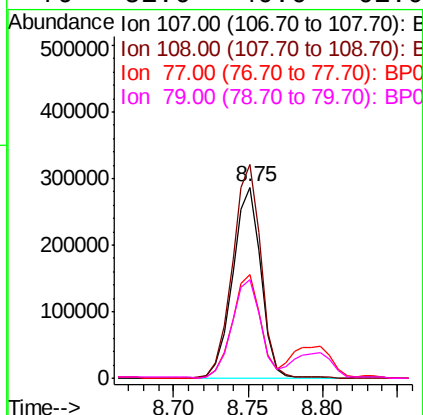
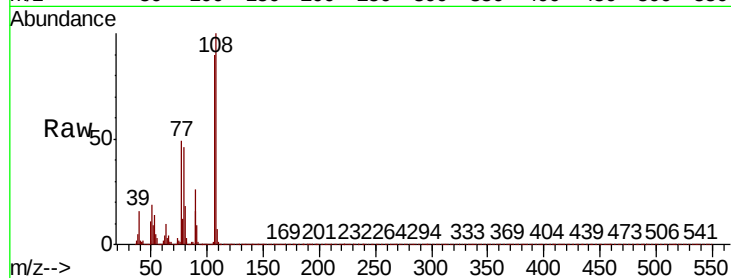
#17
2-Methylphenol
Concen: 48.370 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	89.8	134.6	
77	54.2	41.4	62.2	
79	51.6	40.6	61.0	

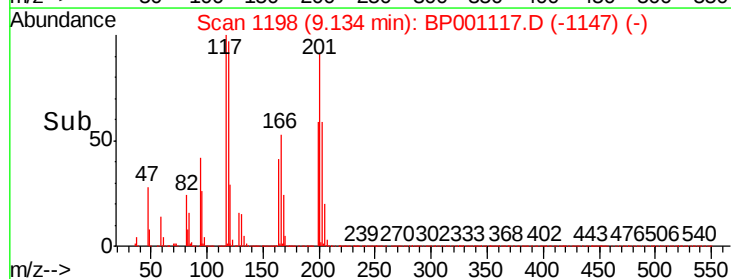
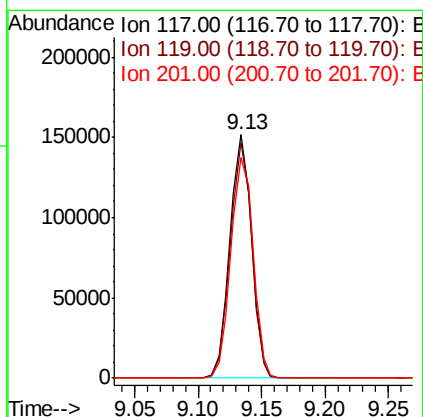
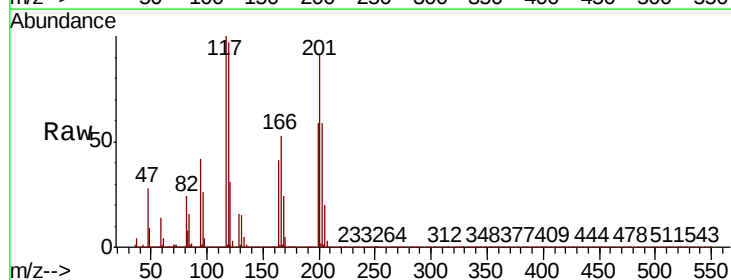
Manual Integrations
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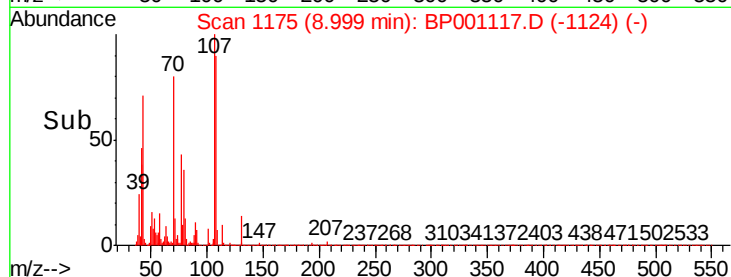
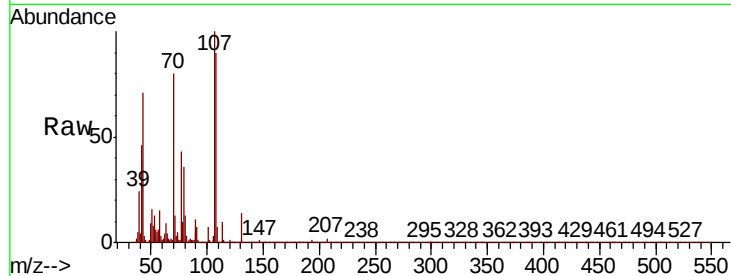
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#18
Hexachloroethane
Concen: 42.390 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	75.2	112.8	
201	90.6	72.5	108.7	





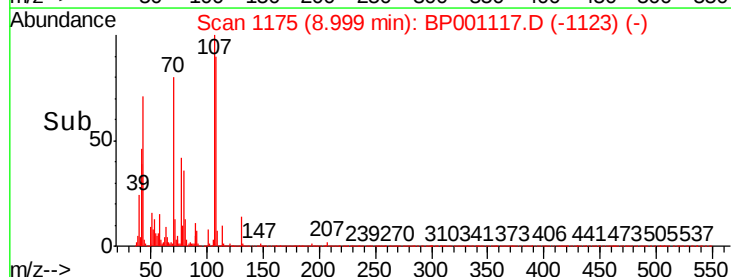
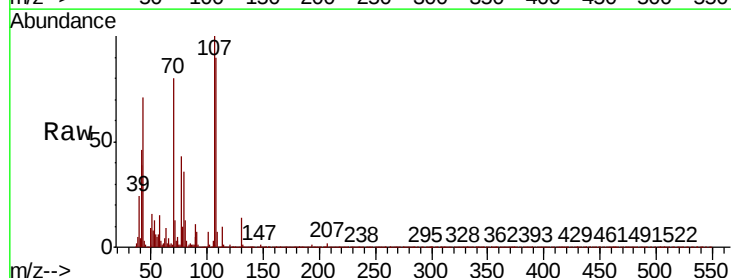
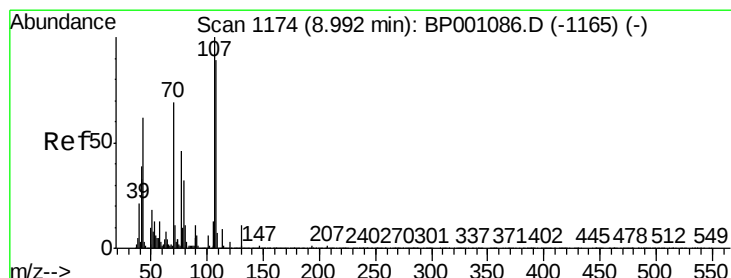
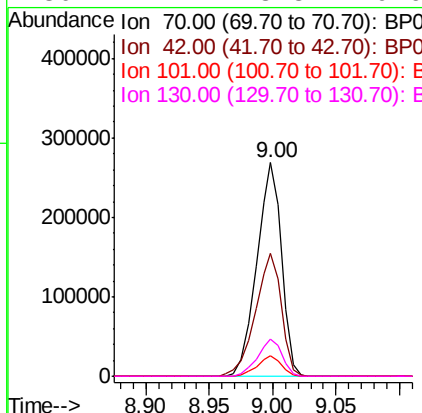
#19
n-Nitroso-di-n-propylamine
Concen: 46.174 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	44.6	66.8	
101	9.4	7.1	10.7	
130	17.2	13.8	20.6	

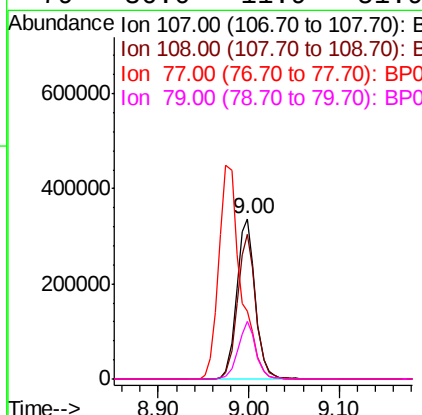
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#20
3+4-Methylphenols
Concen: 48.705 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.9	108.9	
77	42.7	25.9	65.9	
79	36.0	11.9	51.9	





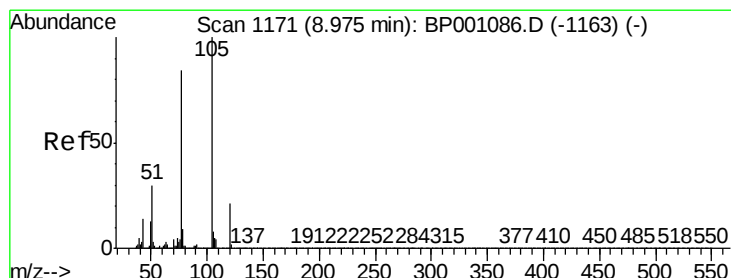
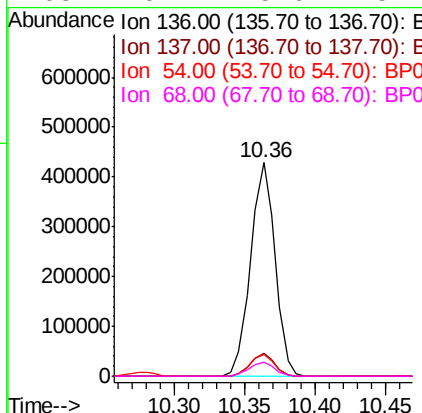
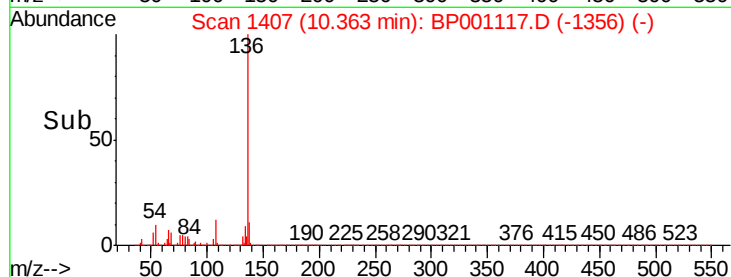
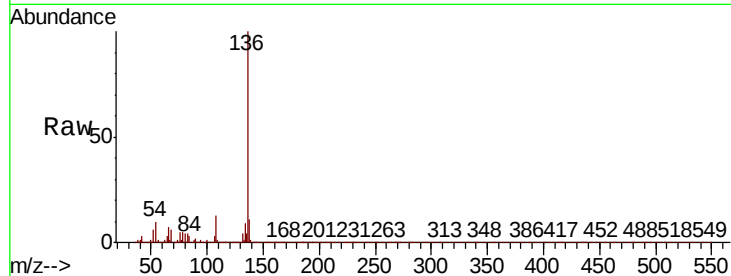
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		523426		
137	11.0	8.8	13.2		
54	10.4	7.9	11.9		
68	6.4	5.6	8.4		

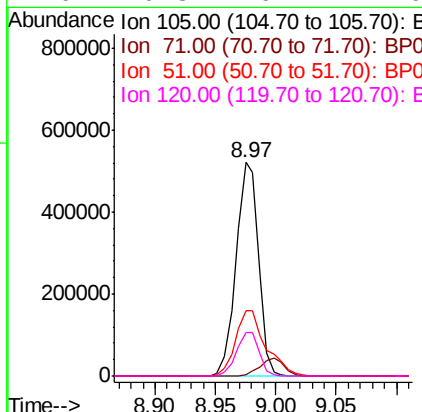
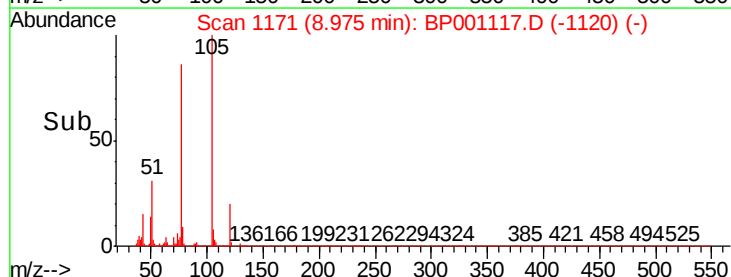
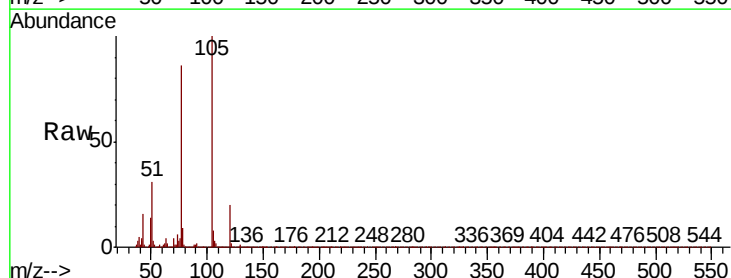
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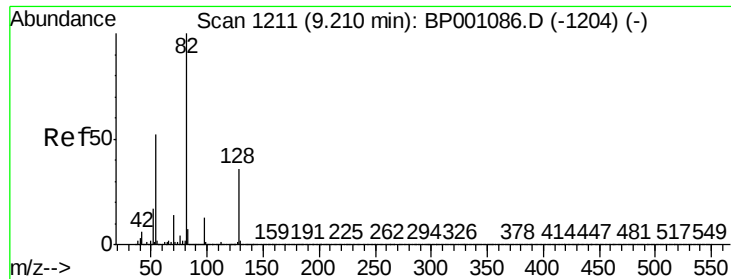
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#22
Acetophenone
Concen: 43.916 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		675612		
71	0.7	0.5	0.7		
51	30.7	24.2	36.4		
120	20.3	16.4	24.6		





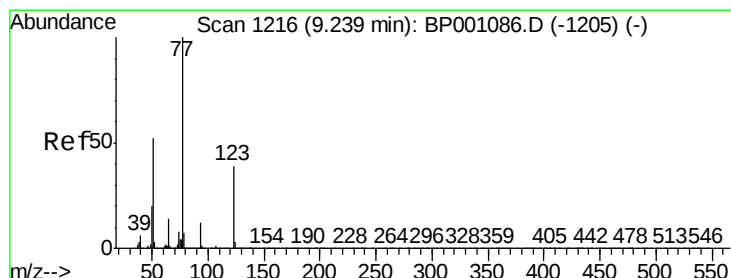
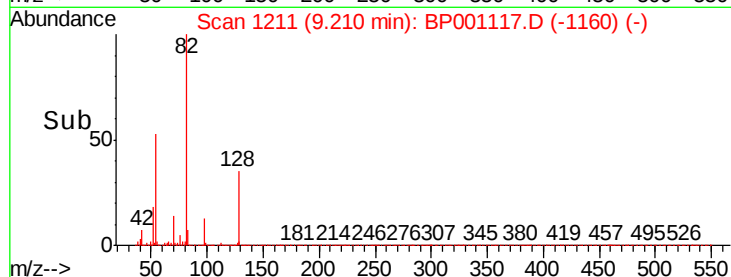
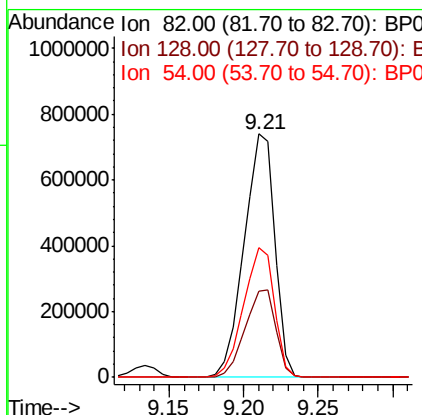
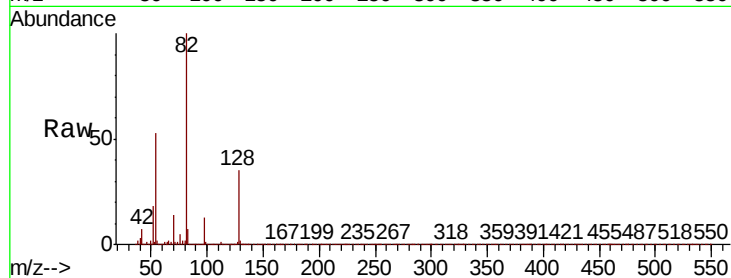
#23
 Nitrobenzene-d5
 Concen: 86.793 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001117.D
 Acq: 28 Nov 2019 09:46

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	28.9	43.3
54	53.5	41.9	62.9

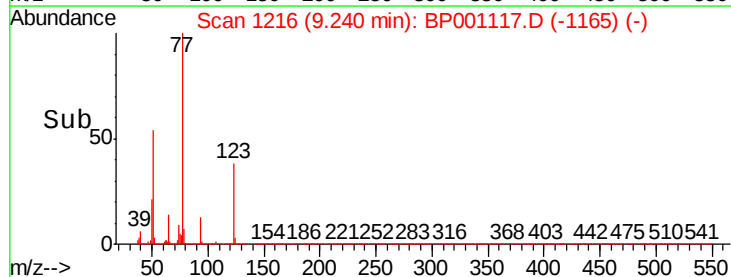
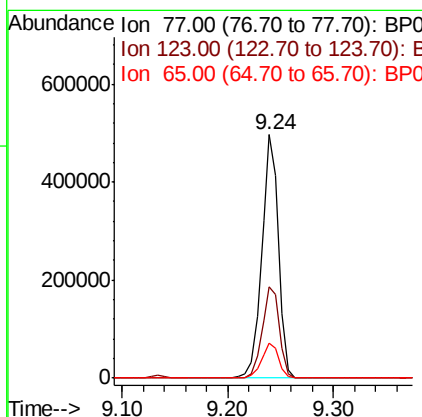
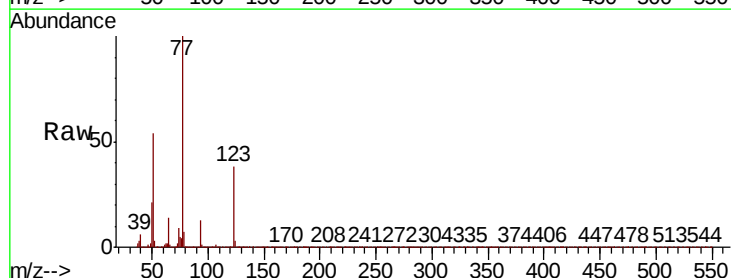
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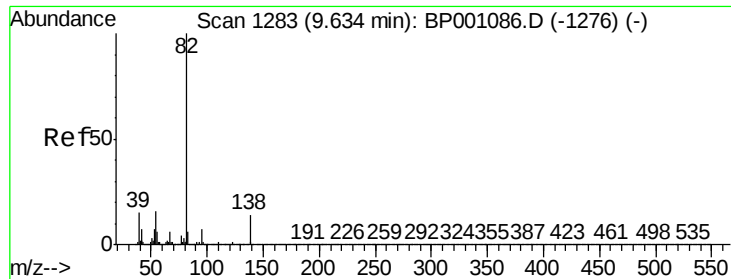
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#24
 Nitrobenzene
 Concen: 45.752 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BP001117.D
 Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.7	31.0	46.4
65	14.3	11.0	16.6





#25

Isophorone

Concen: 46.664 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.01 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Instrument :

BNA_P

ClientSampleId :

AU-06-112219MSD

Tot Ion: 82 Resp: 1009522

Ion Ratio Lower Upper

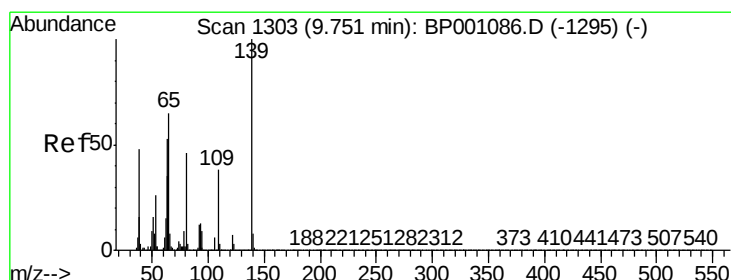
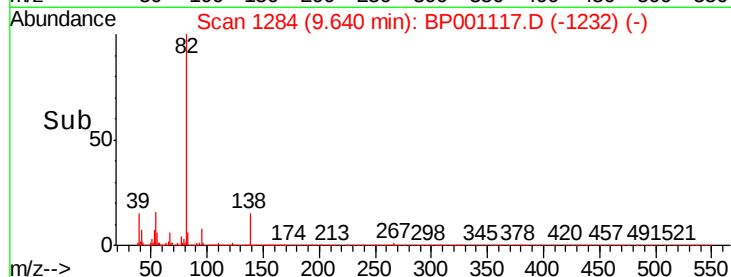
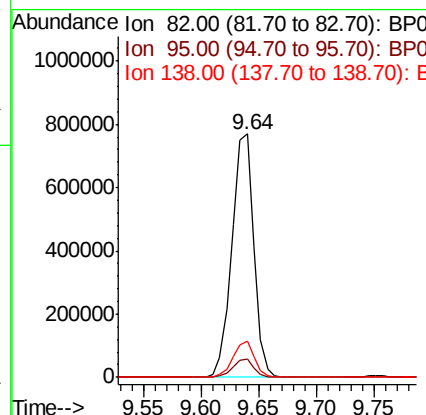
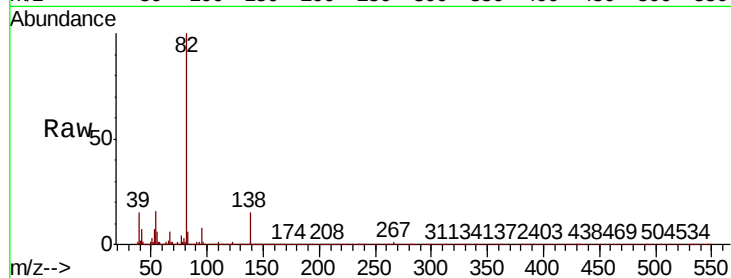
82 100

95 7.6 5.7 8.5

138 14.9 11.3 16.9

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#26

2-Nitrophenol

Concen: 47.020 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

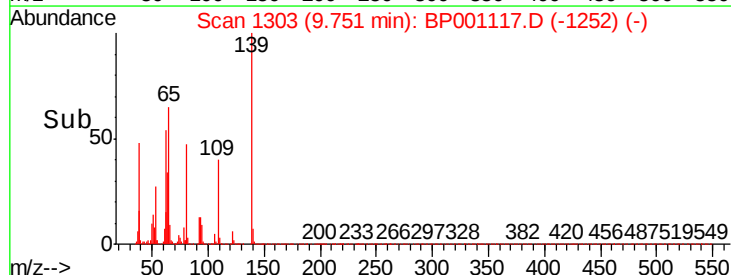
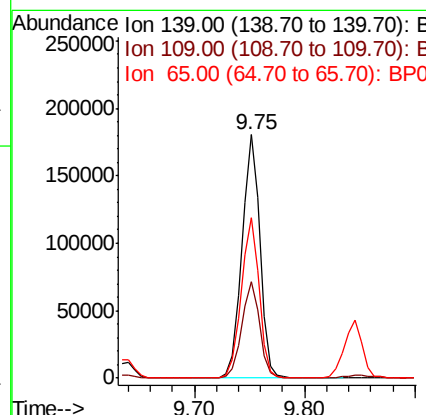
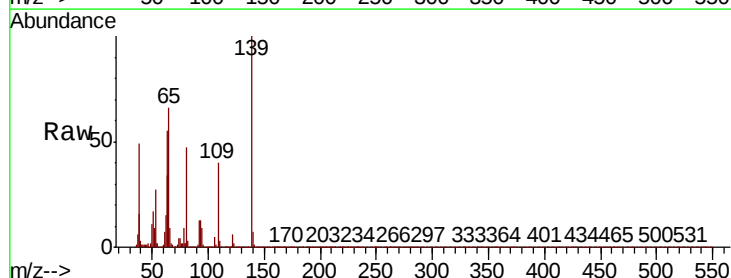
Tgt Ion: 139 Resp: 206615

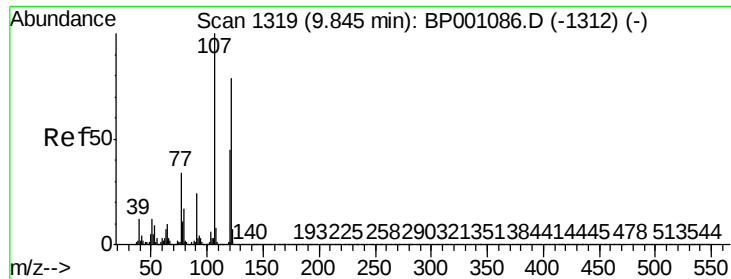
Ion Ratio Lower Upper

139 100

109 39.6 30.6 45.8

65 65.9 51.8 77.8





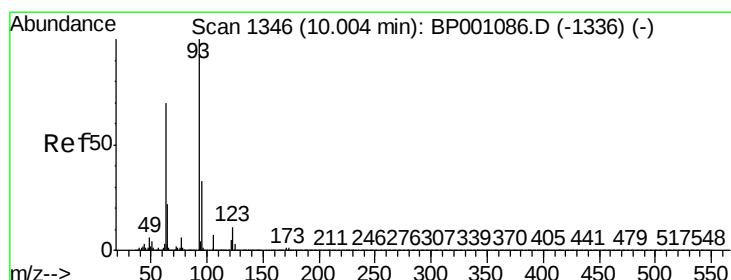
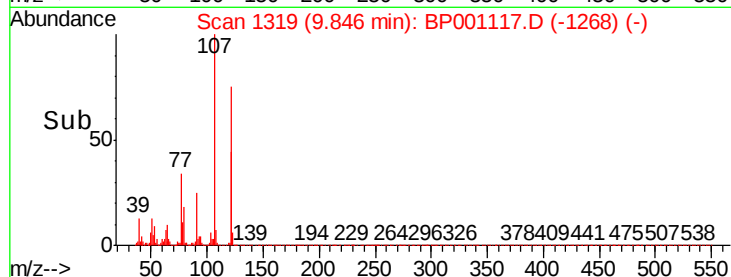
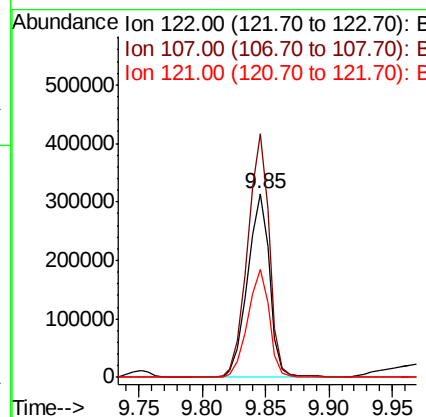
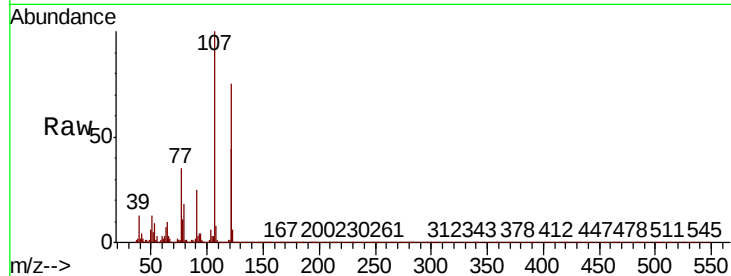
#27
2,4-Dimethylphenol
Concen: 54.283 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	132.7	101.9	152.9
121	58.5	46.1	69.1

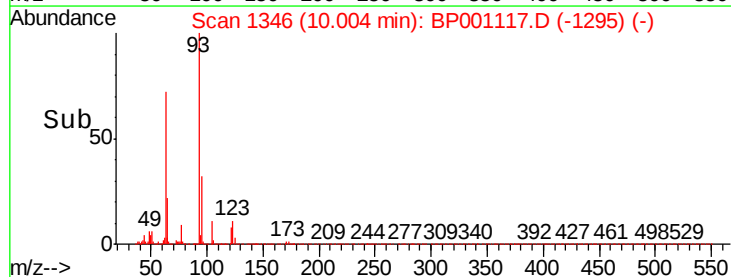
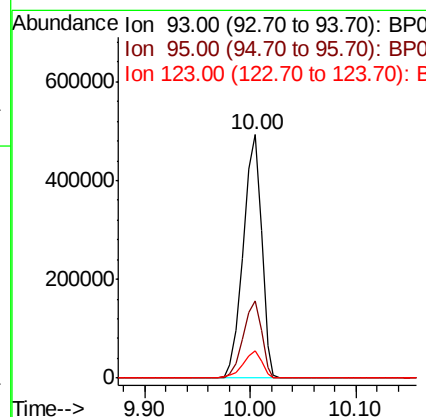
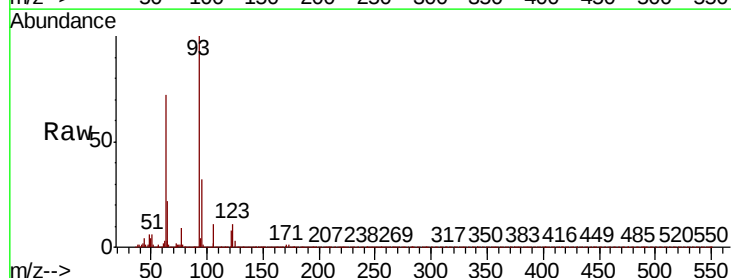
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#28
bis(2-Chloroethoxy)methane
Concen: 43.168 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.0	39.0
123	11.0	8.9	13.3





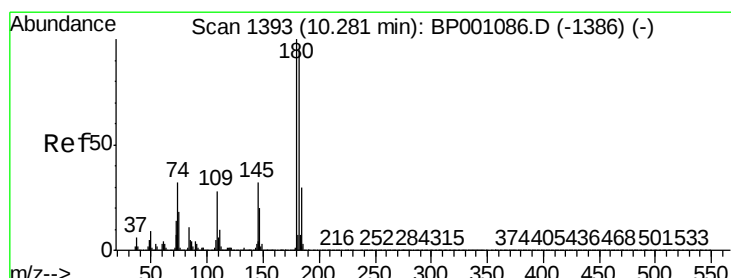
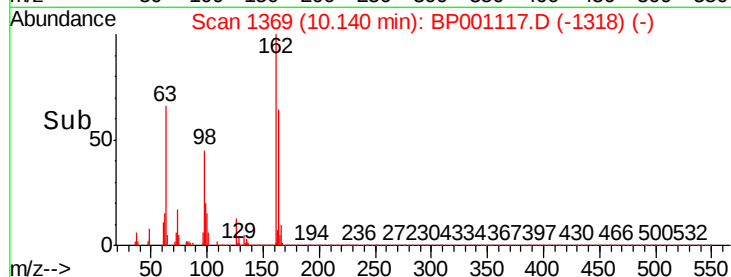
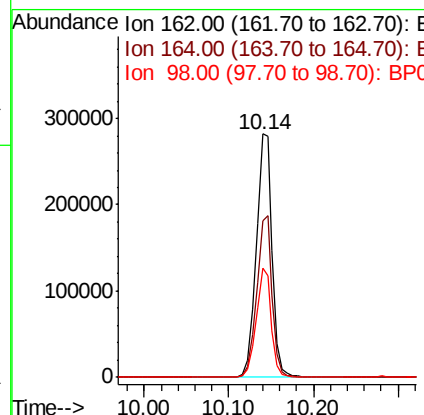
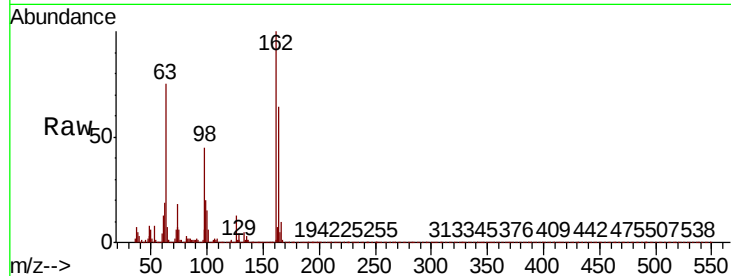
#29
2,4-Dichlorophenol
Concen: 46.916 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.4	45.1	85.1	
98	44.8	23.4	63.4	

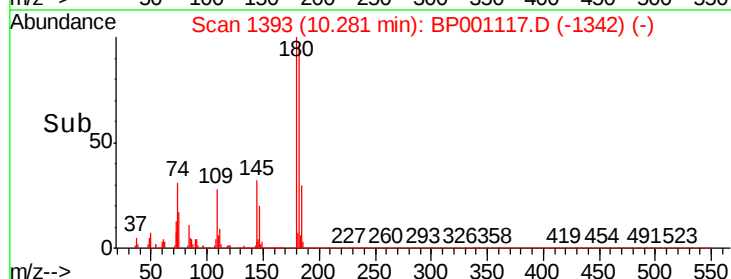
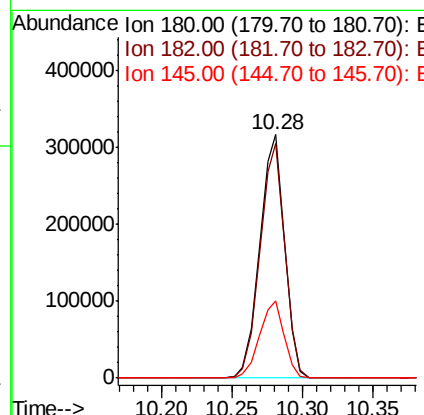
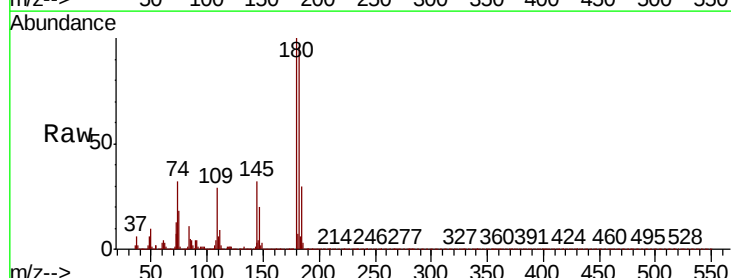
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#30
1,2,4-Trichlorobenzene
Concen: 42.313 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.5	76.3	114.5	
145	31.9	25.4	38.2	





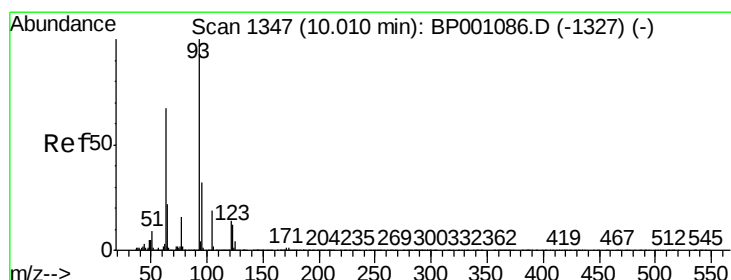
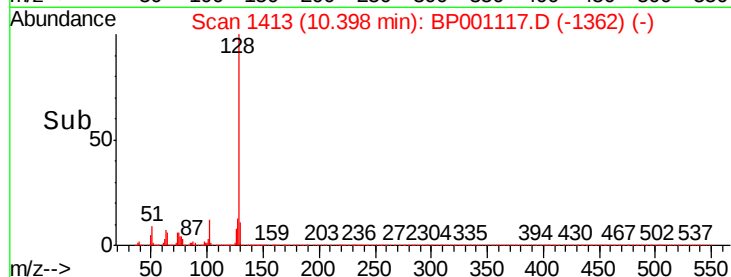
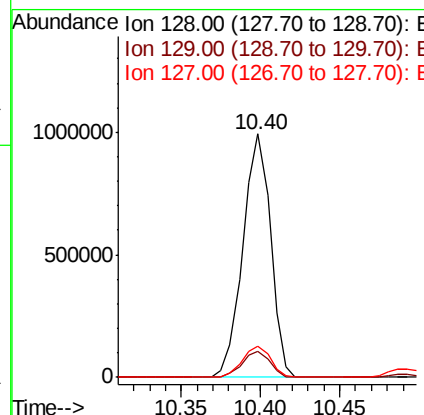
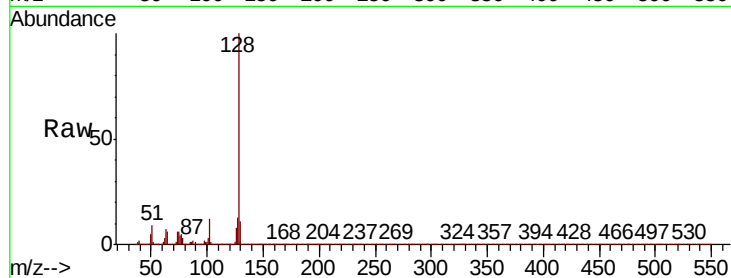
#31
Naphthalene
Concen: 44.955 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.0	10.6	16.0

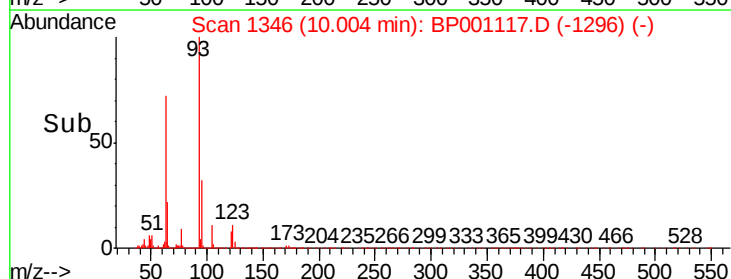
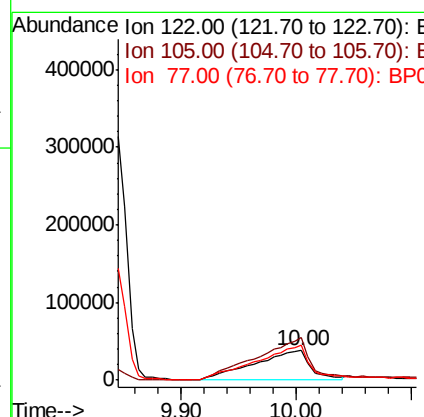
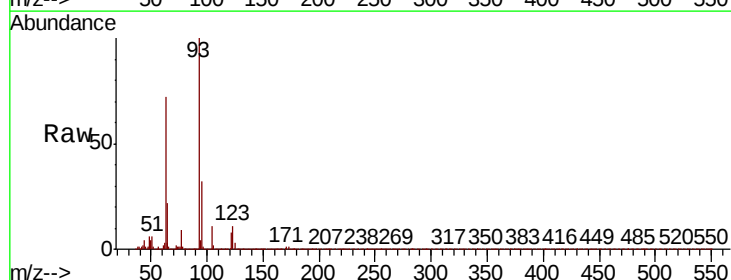
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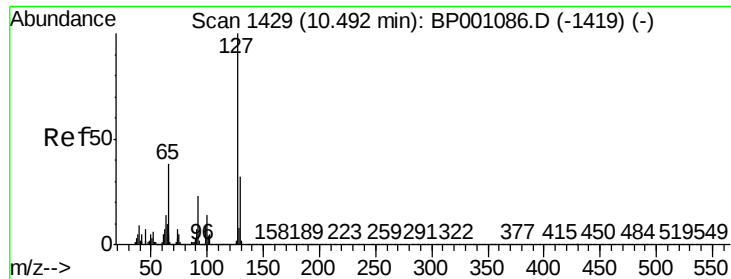
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#32
Benzoic acid
Concen: 24.676 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	143.7	116.8	156.8
77	116.9	95.0	135.0





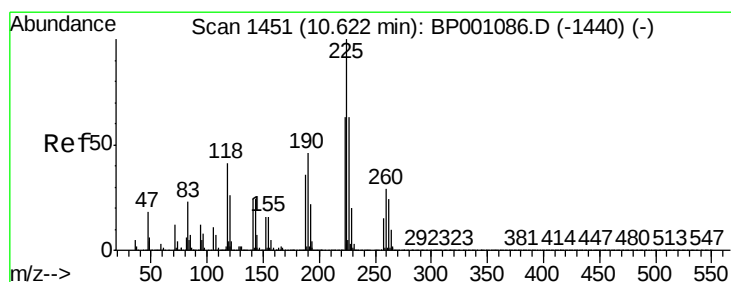
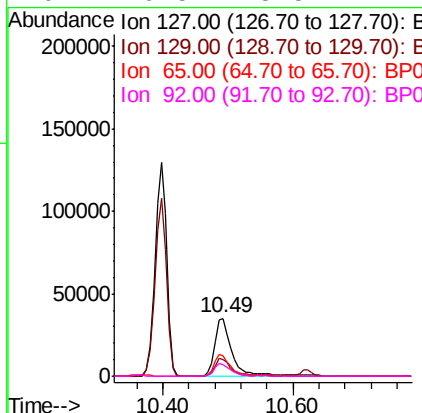
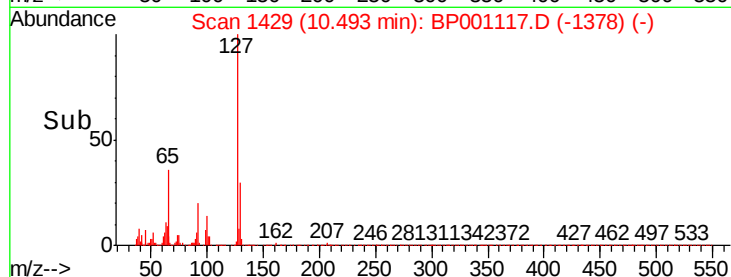
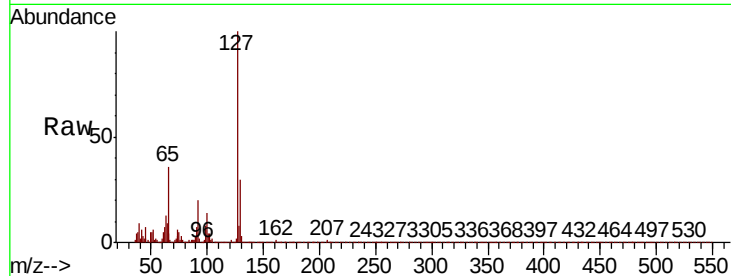
#33
4-Chloroaniline
Concen: 5.507 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.6	25.5	38.3
65	36.2	30.6	46.0
92	20.5	18.5	27.7

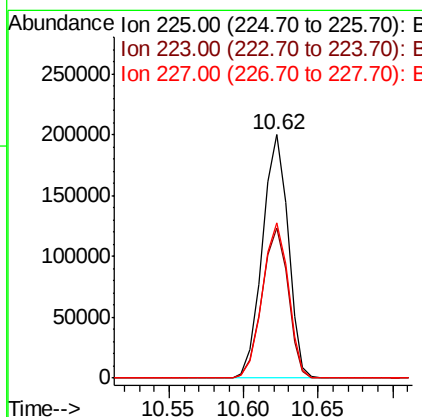
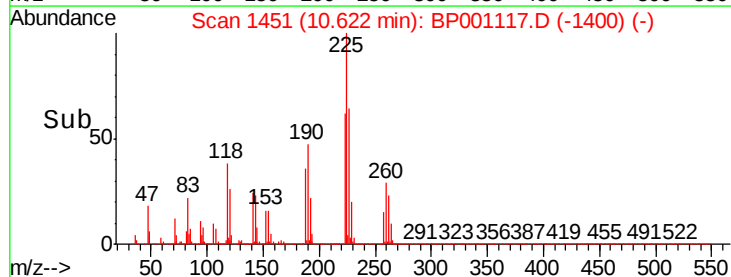
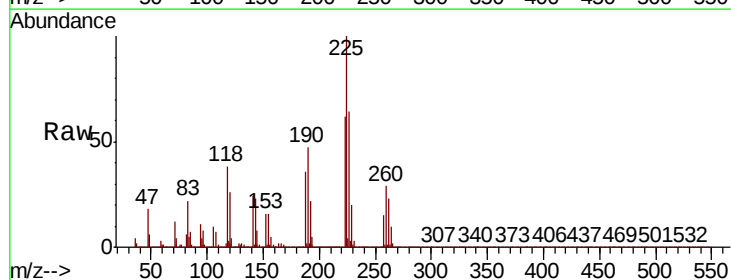
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#34
Hexachlorobutadiene
Concen: 40.722 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.0	75.0
227	63.9	50.0	75.0





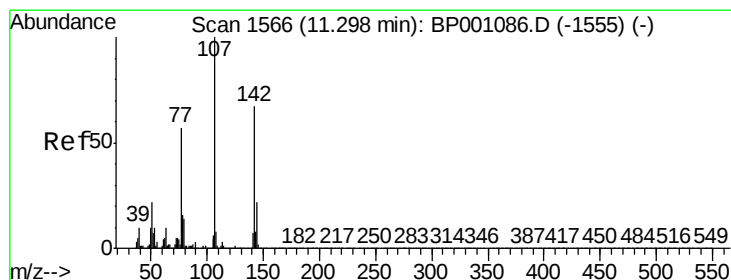
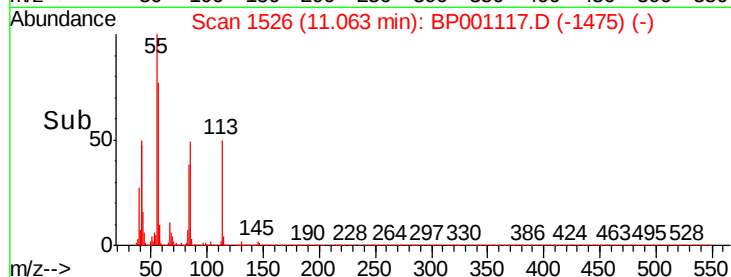
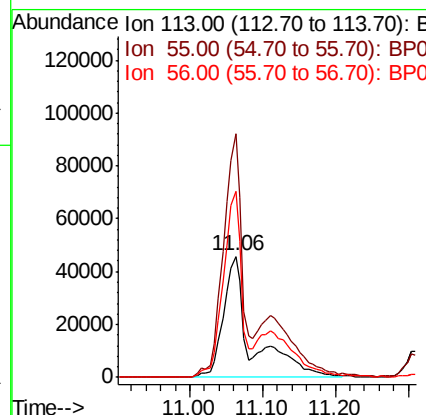
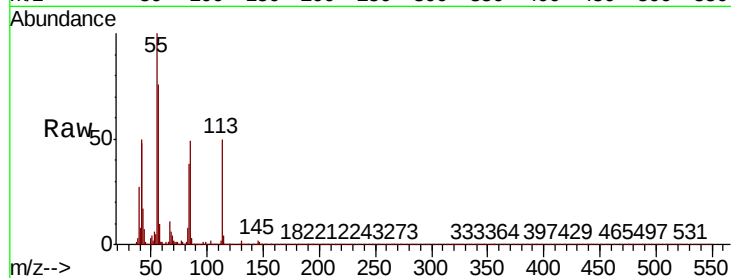
#35
Caprolactam
Concen: 45.080 ng/ml
RT: 11.06 min Scan# 1526
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	201.6	181.2	221.2	
56	153.9	134.7	174.7	

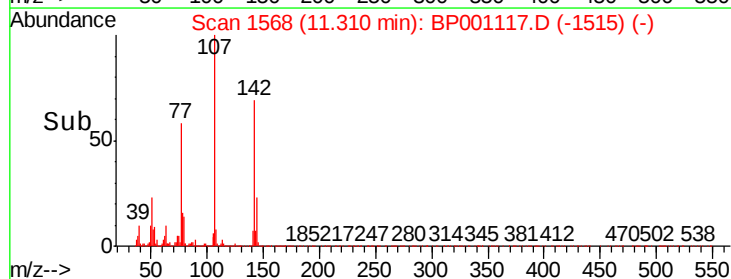
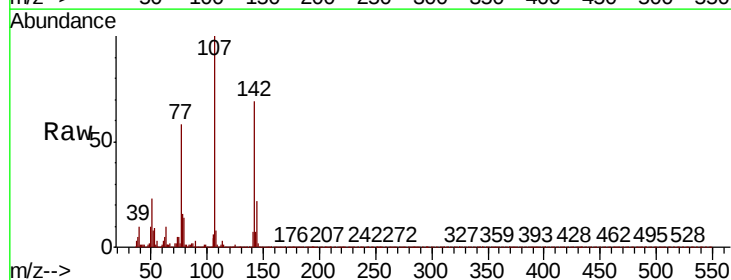
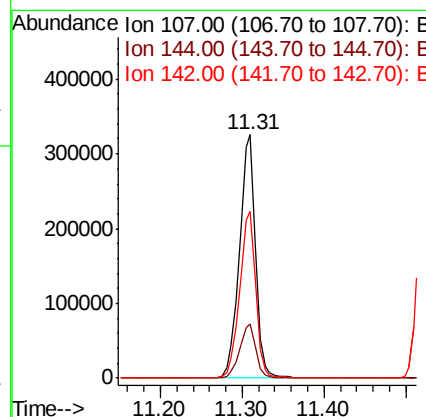
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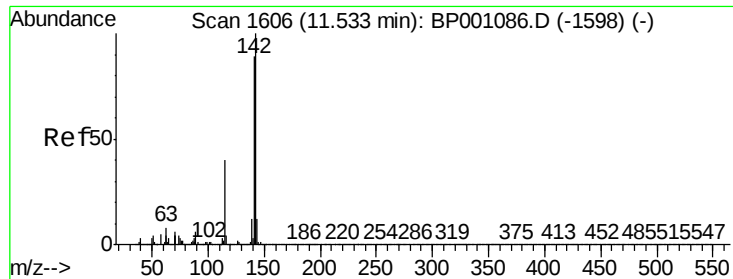
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#36
4-Chloro-3-methylphenol
Concen: 47.774 ng/ml
RT: 11.31 min Scan# 1568
Delta R.T. 0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.5	17.5	26.3	
142	68.6	53.3	79.9	





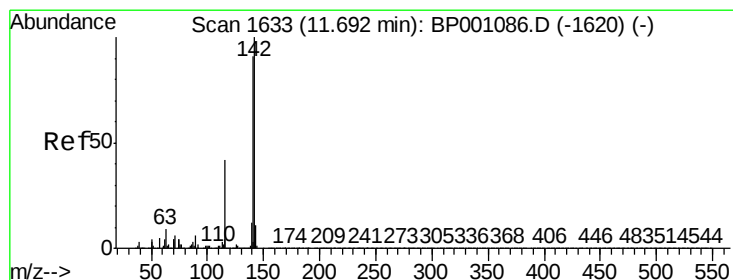
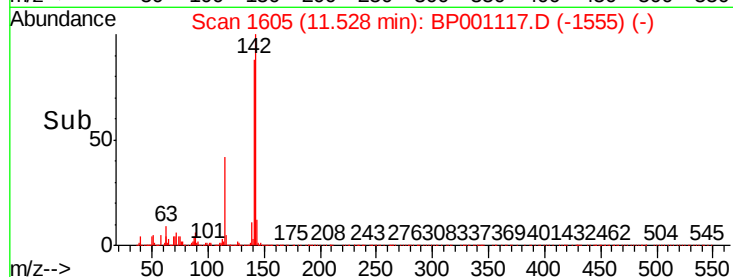
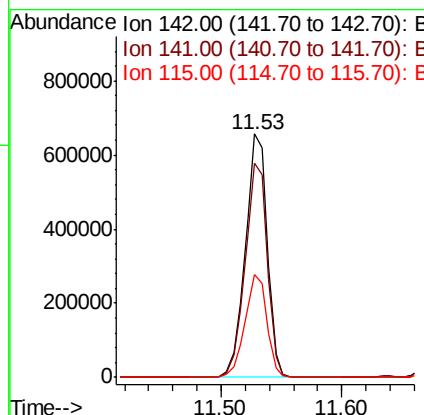
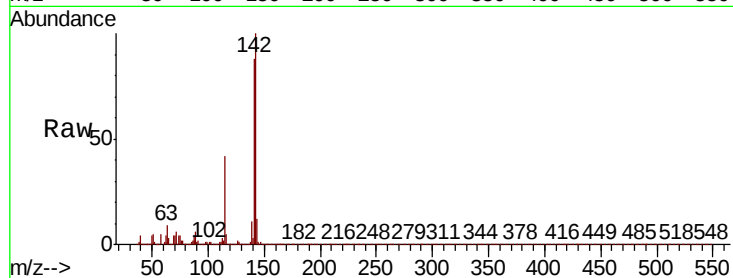
#37
2-Methylnaphthalene
Concen: 45.661 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.1	106.7
115	42.3	32.3	48.5

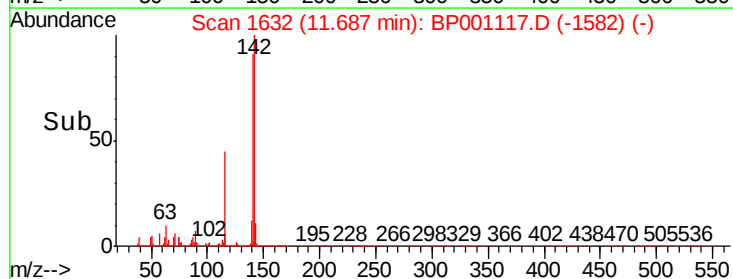
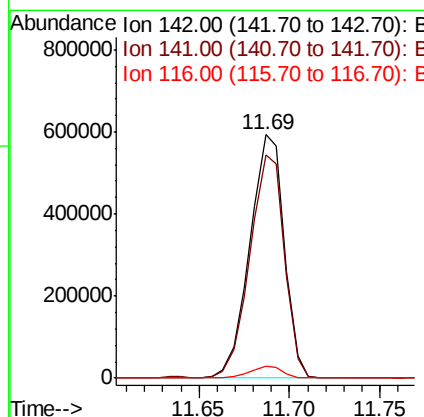
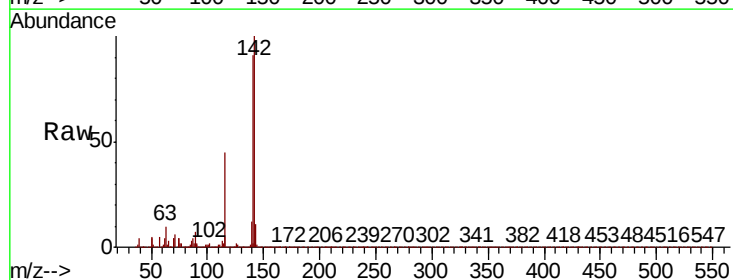
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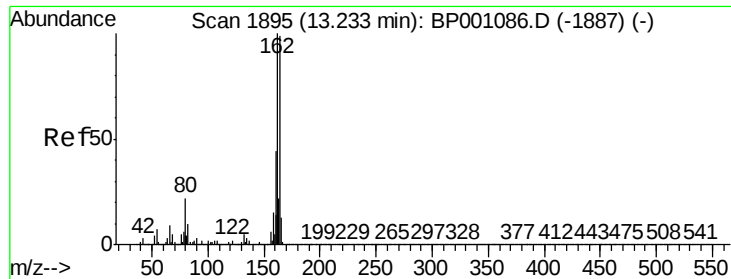
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#38
1-Methylnaphthalene
Concen: 45.309 ng
RT: 11.69 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.0	109.4
116	4.8	3.4	5.2





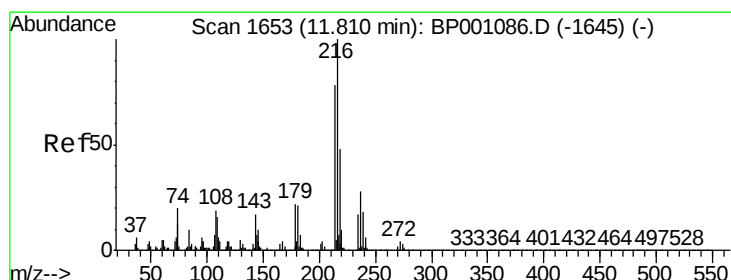
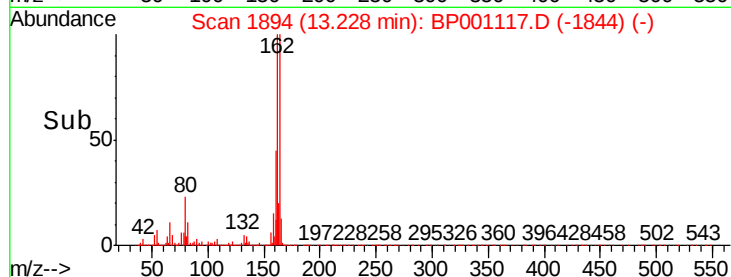
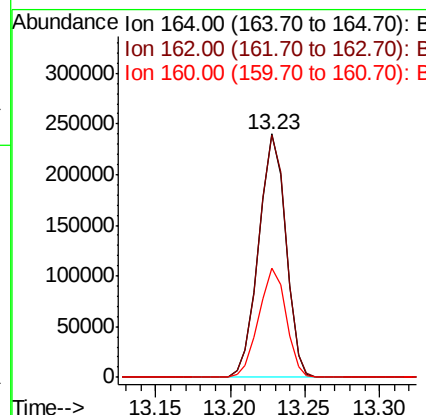
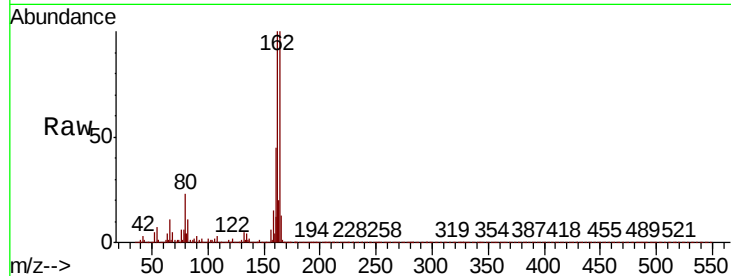
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion:	164	Resp:	300294
Ion Ratio	Lower	Upper	
164	100		
162	99.7	80.6	120.8
160	44.9	35.4	53.2

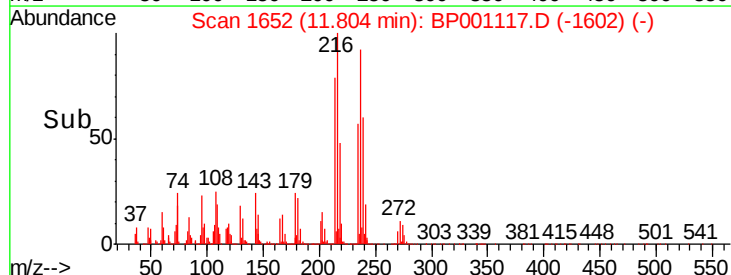
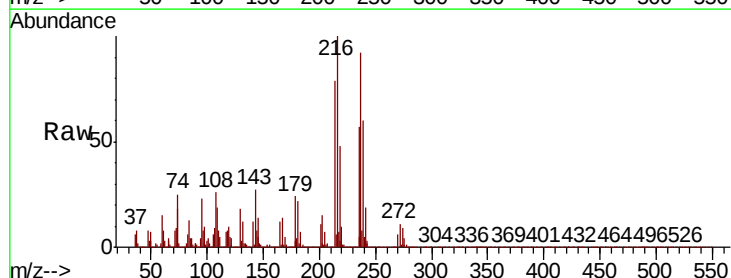
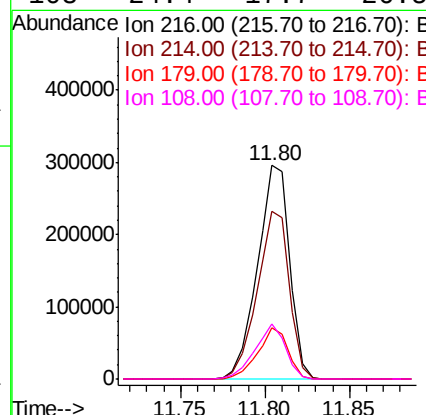
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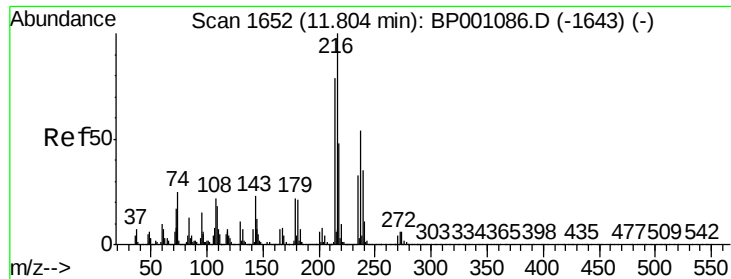
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.248 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion:	216	Resp:	390355
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.8	94.2
179	22.5	17.6	26.4
108	24.4	17.7	26.5





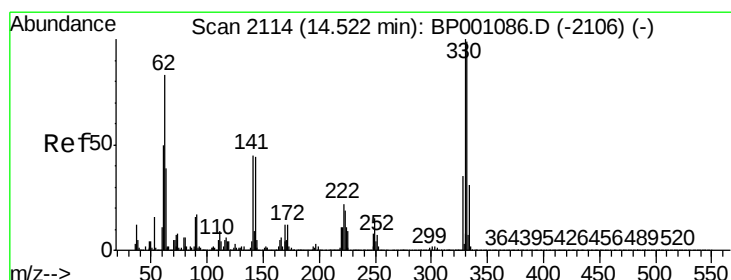
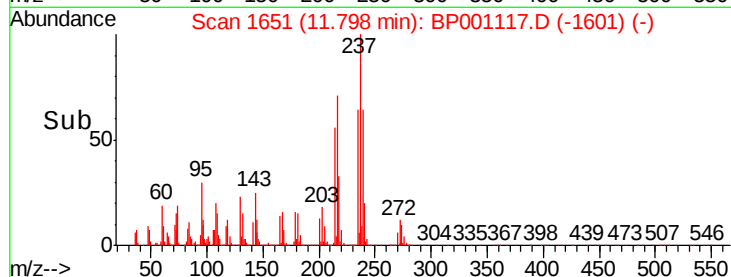
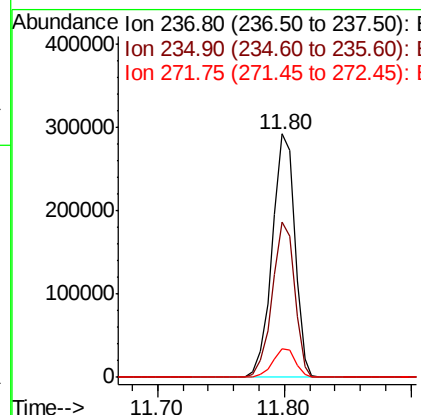
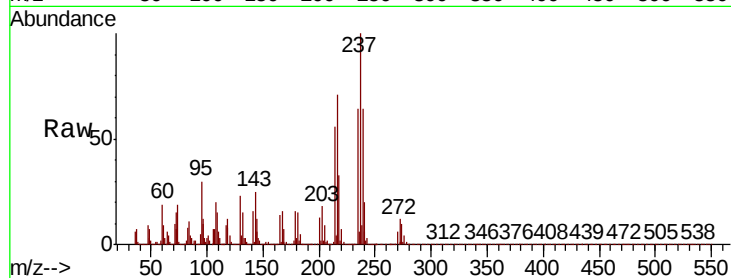
#41
Hexachlorocyclopentadiene
Concen: 82.840 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.8	41.8	81.8
272	11.8	0.0	31.9

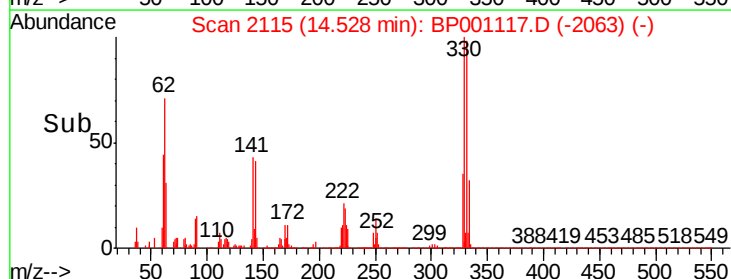
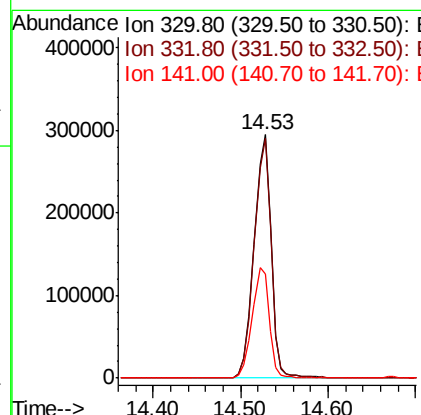
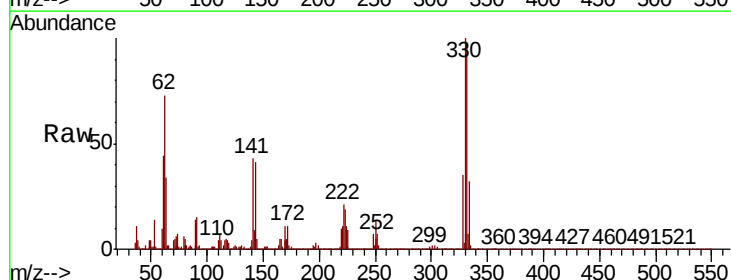
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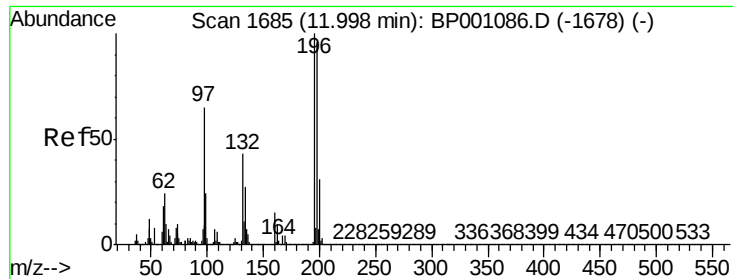
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#42
2,4,6-Tribromophenol
Concen: 134.579 ng
RT: 14.53 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.5	77.6	116.4
141	45.7	34.2	51.2





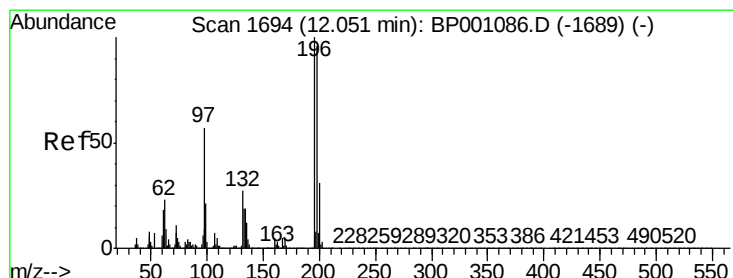
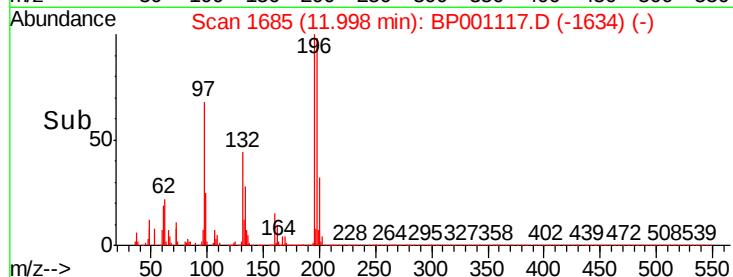
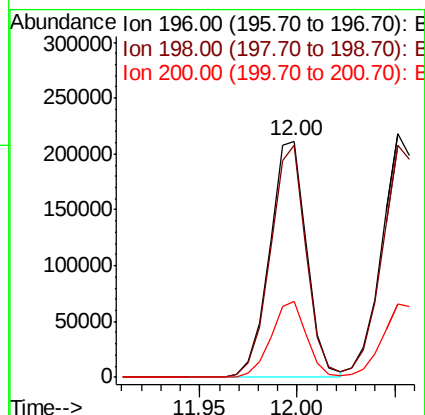
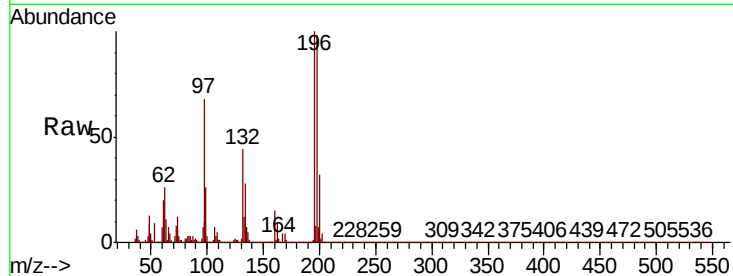
#43
2,4,6-Trichlorophenol
Concen: 44.736 ng
RT: 12.00 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	76.7	115.1
200	32.0	24.7	37.1

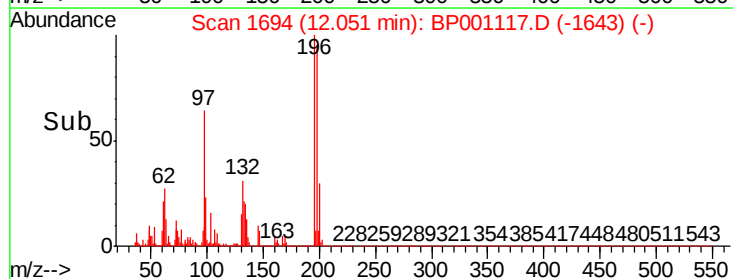
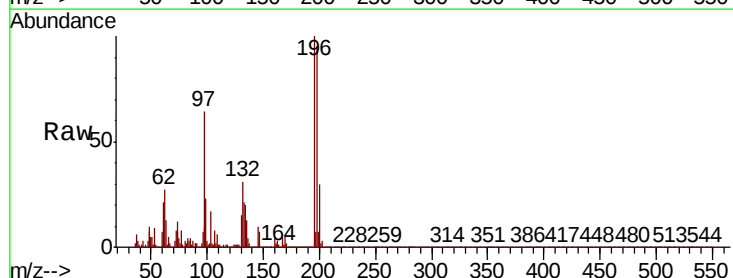
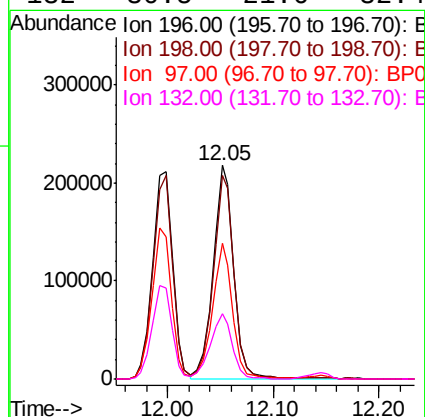
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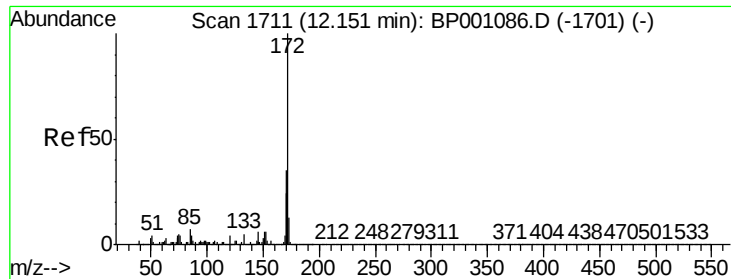
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#44
2,4,5-Trichlorophenol
Concen: 46.406 ng
RT: 12.05 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.8	115.2
97	63.6	46.1	69.1
132	30.5	21.6	32.4





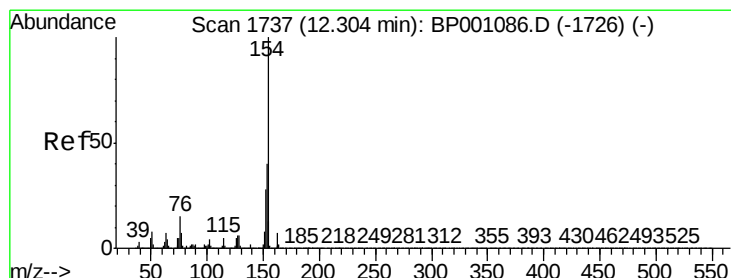
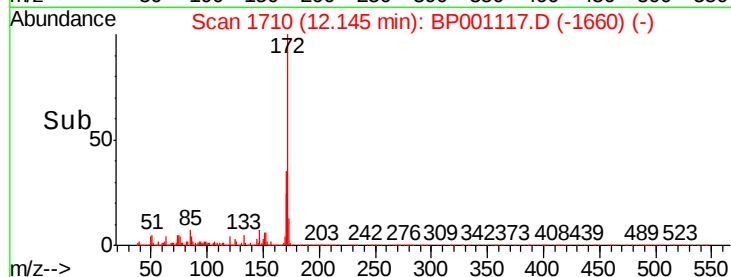
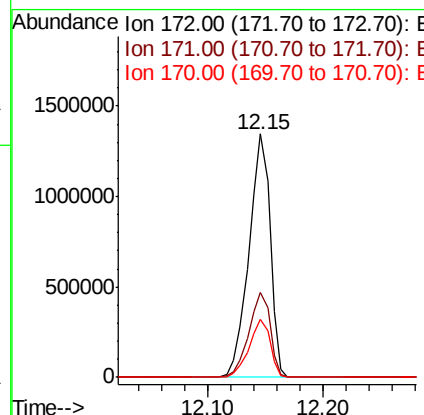
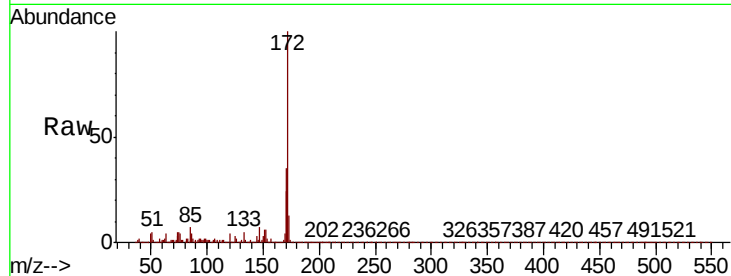
#45
2-Fluorobiphenyl
Concen: 83.386 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.7	19.0	28.4

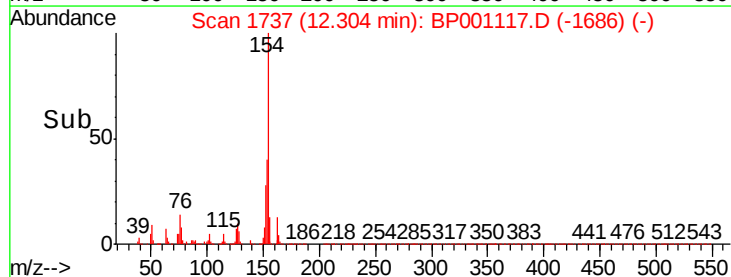
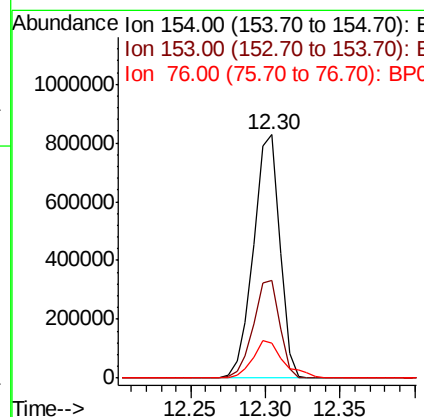
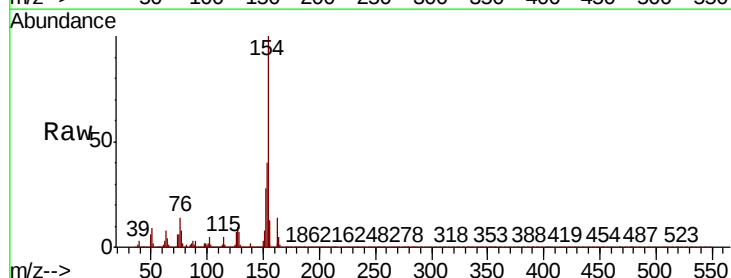
Manual Integrations
APPROVED

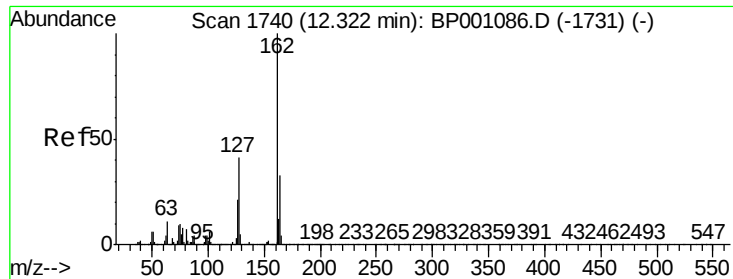
mohammad
11/29/2019 8:55:28 AM



#46
1,1'-Biphenyl
Concen: 43.335 ng
RT: 12.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.2	60.2
76	14.3	0.0	34.5





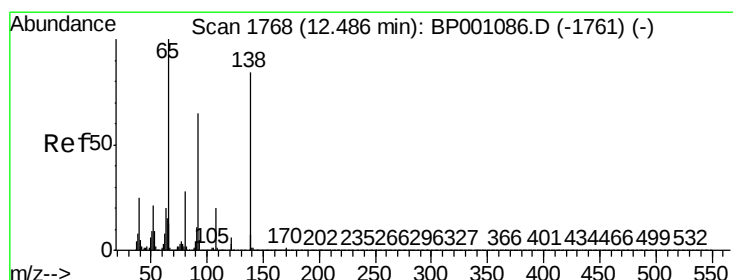
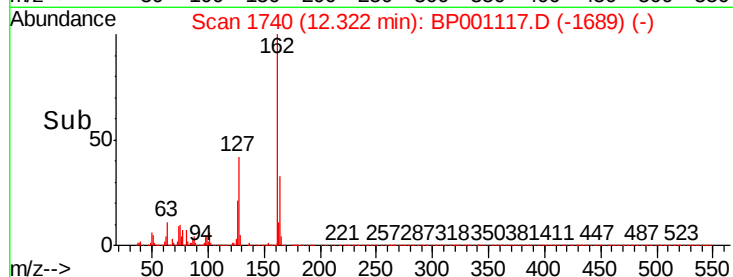
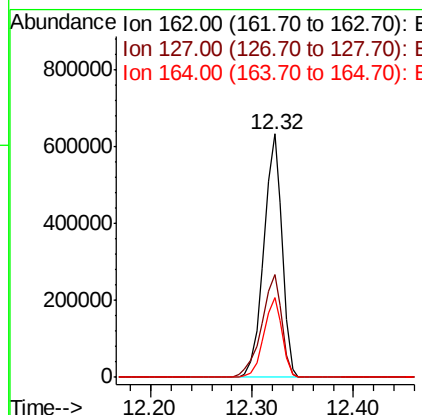
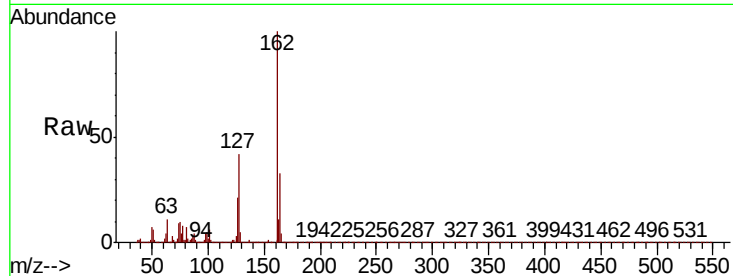
#47
2-Chloronaphthalene
Concen: 42.356 ng
RT: 12.32 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.0	49.6
164	32.9	26.7	40.1

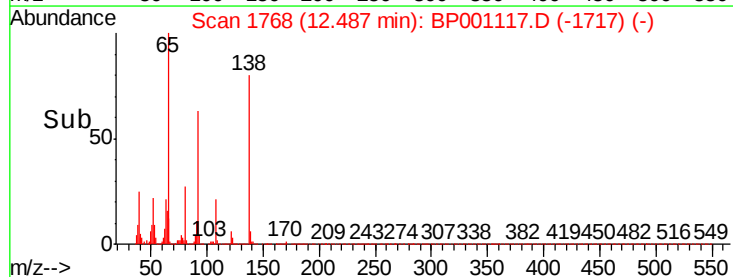
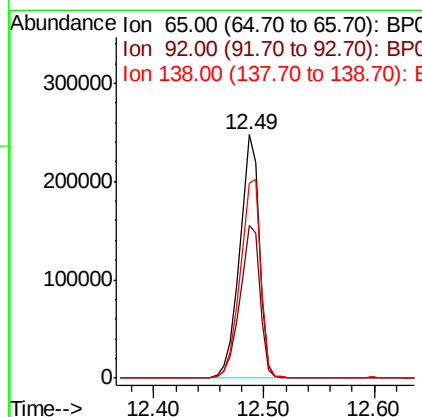
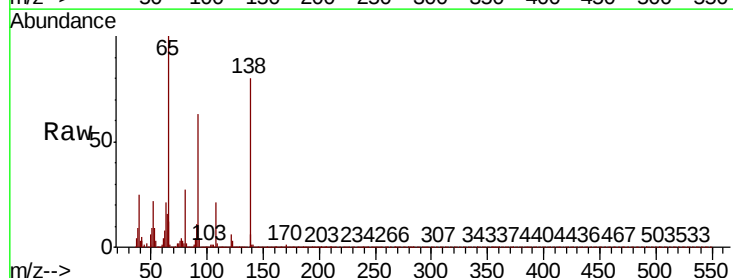
Manual Integrations
APPROVED

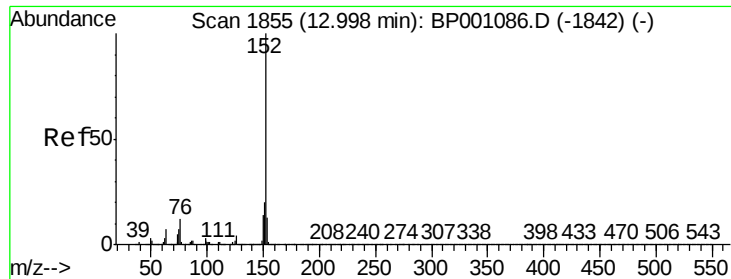
mohammad
11/29/2019 8:55:28 AM



#48
2-Nitroaniline
Concen: 42.599 ng
RT: 12.49 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.8	51.6	77.4
138	79.8	67.3	100.9





#49

Acenaphthylene

Concen: 45.568 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Instrument :

BNA_P

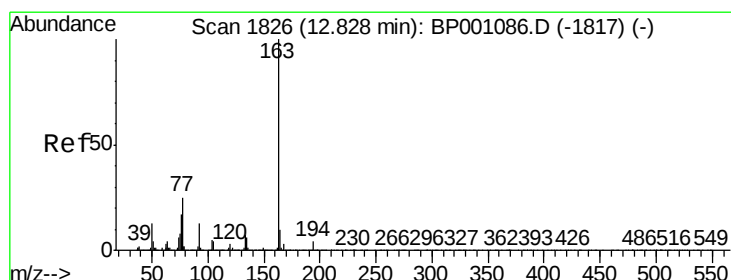
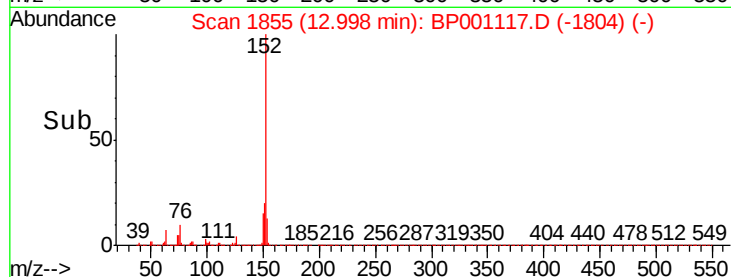
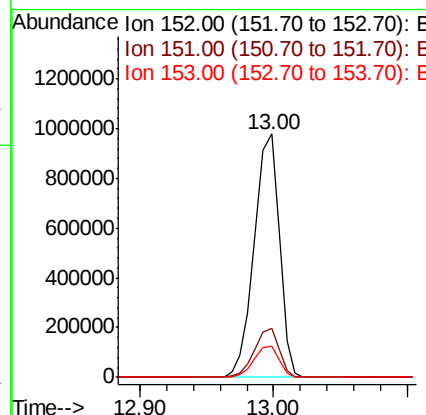
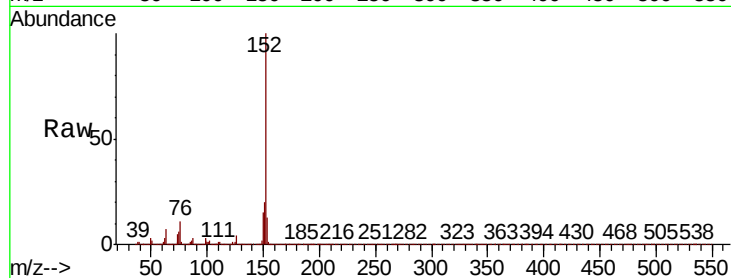
ClientSampleId :

AU-06-112219MSD

Tot Ion:	152	Resp:	1266214
Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.0	10.2	15.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 47.681 ng

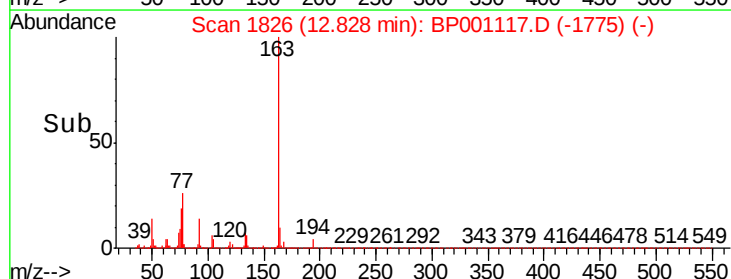
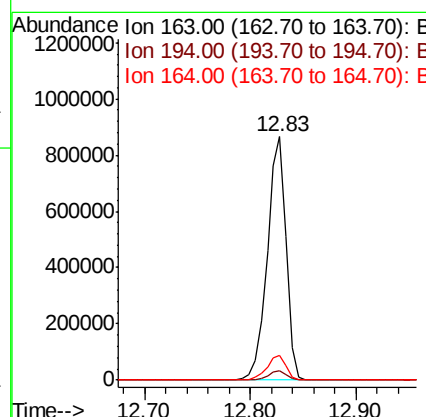
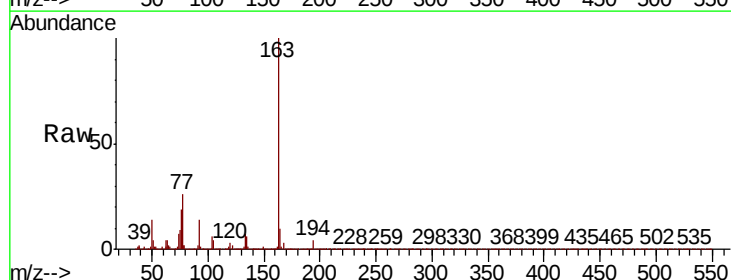
RT: 12.83 min Scan# 1826

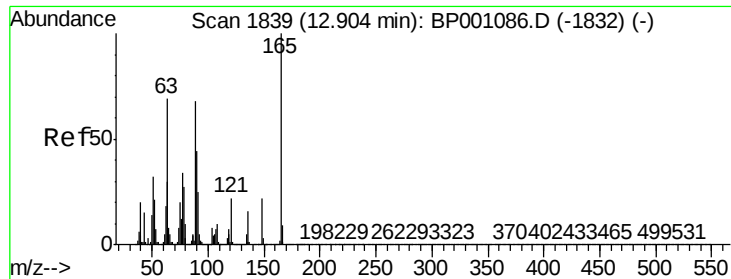
Delta R.T. 0.00 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Tgt Ion:	163	Resp:	1070878
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	10.2	8.1	12.1





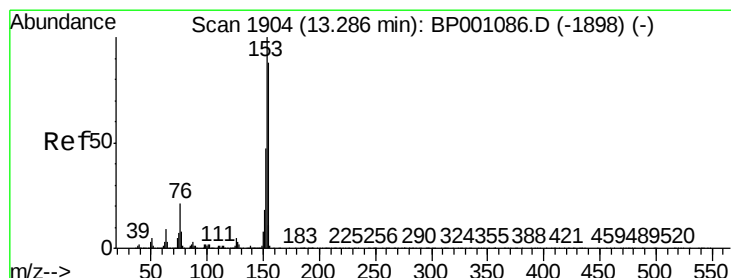
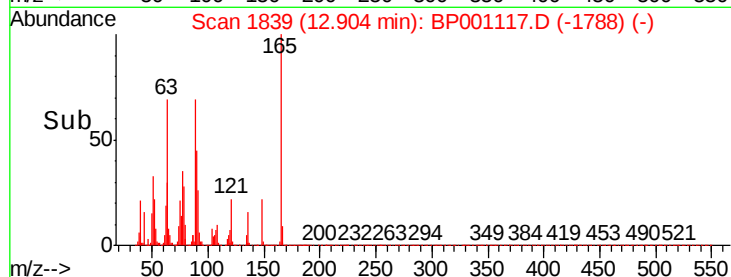
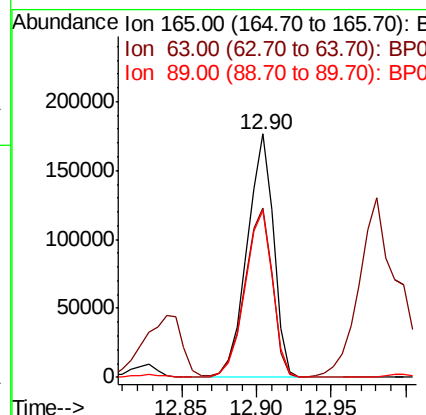
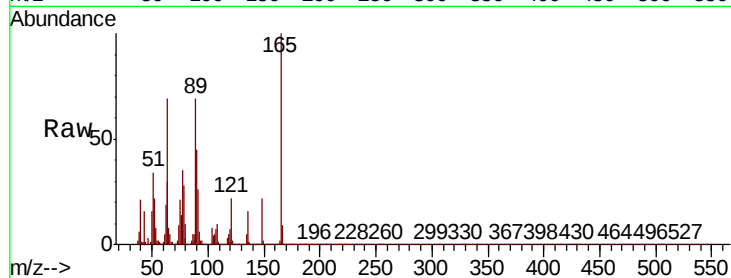
#51
2,6-Dinitrotoluene
Concen: 44.967 ng
RT: 12.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	69.4	55.6	83.4
89	68.6	54.1	81.1

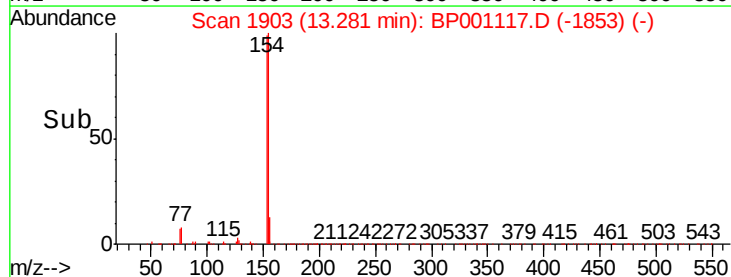
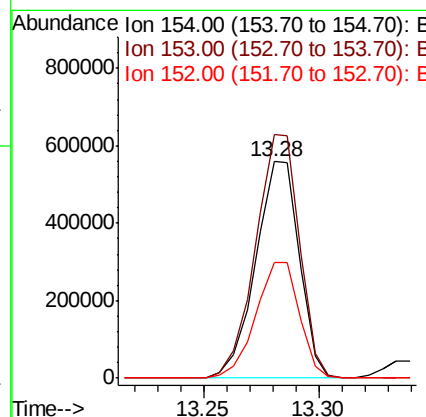
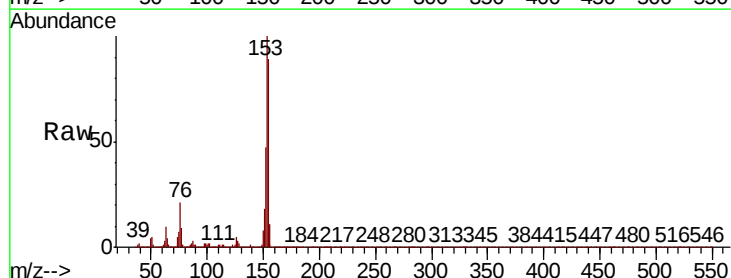
Manual Integrations
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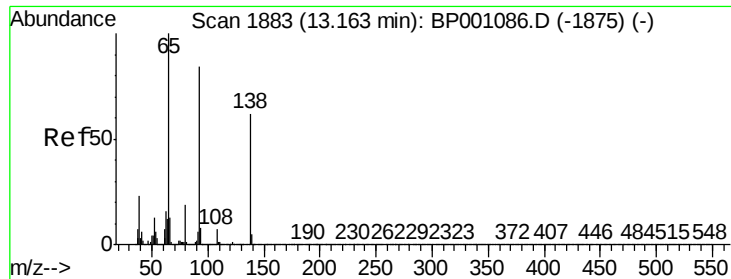
mohammad
11/29/2019 8:55:28 AM



#52
Acenaphthene
Concen: 44.095 ng
RT: 13.28 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.5	135.7
152	53.4	42.6	64.0





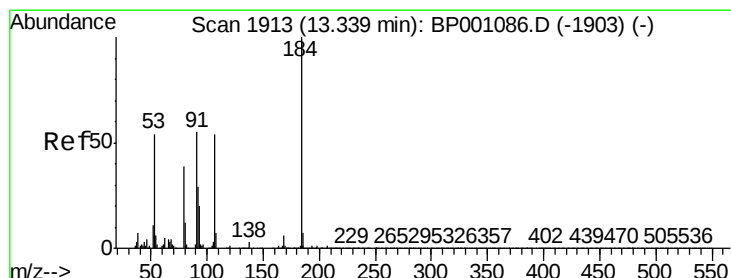
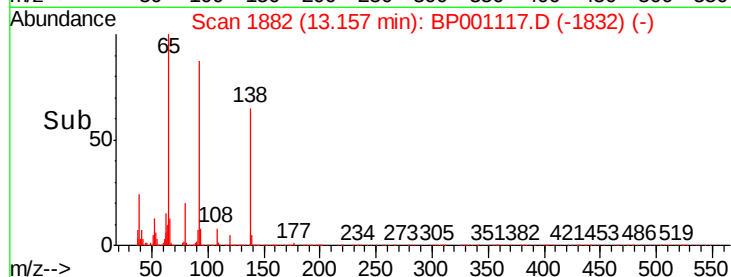
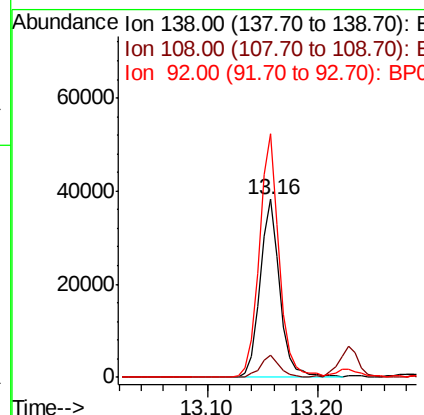
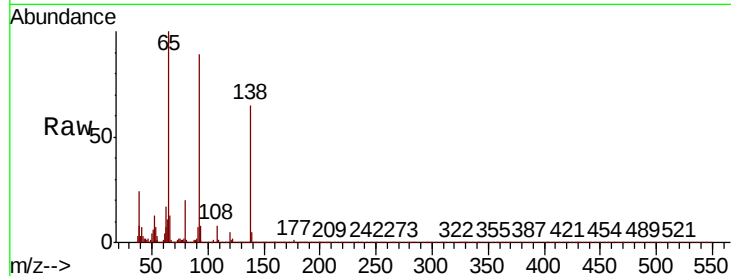
#53
3-Nitroaniline
Concen: 8.867 ng
RT: 13.16 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.7	9.2	13.8
92	136.9	107.8	161.6

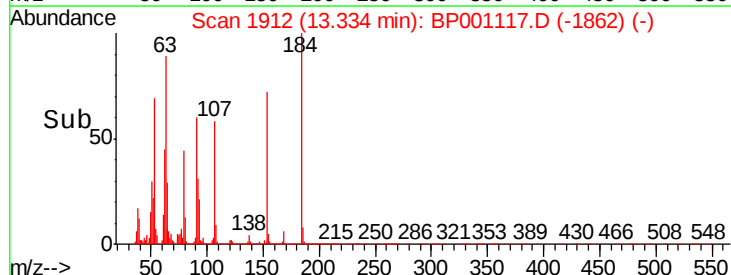
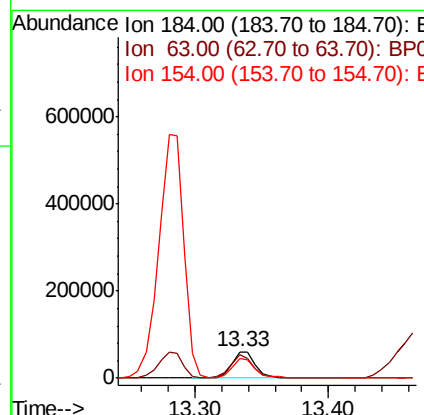
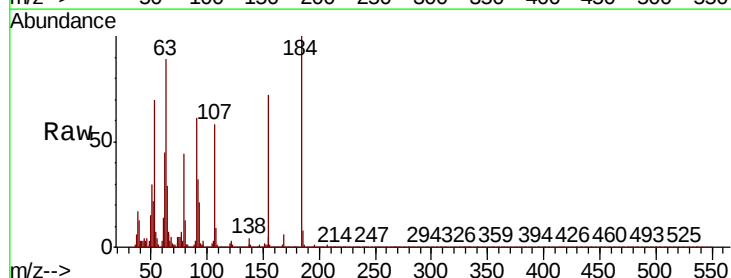
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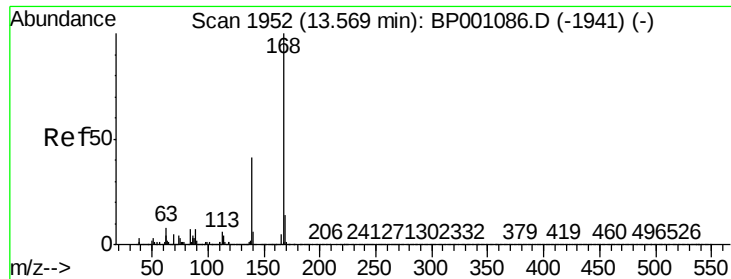
mohammad
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#54
2,4-Dinitrophenol
Concen: 42.913 ng
RT: 13.33 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	89.3	60.7	91.1
154	72.5	56.2	84.2





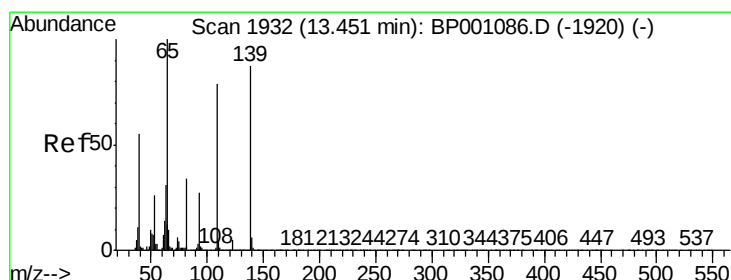
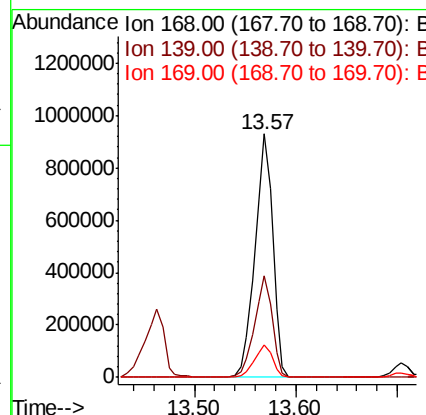
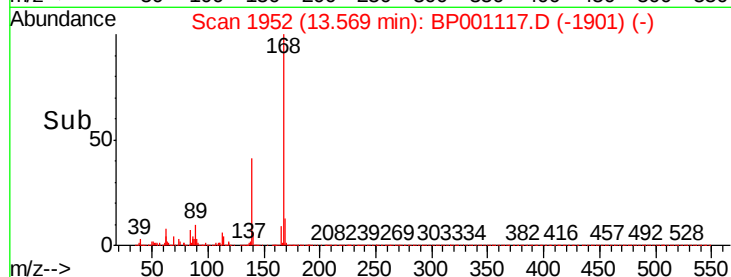
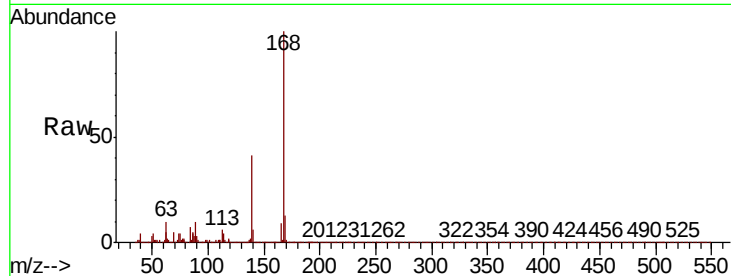
#55
Dibenzofuran
Concen: 45.171 ng
RT: 13.57 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	32.8	49.2
169	13.4	10.9	16.3

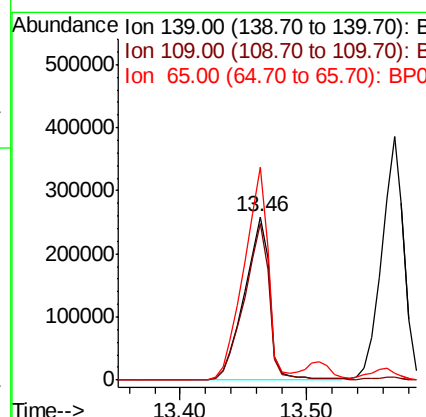
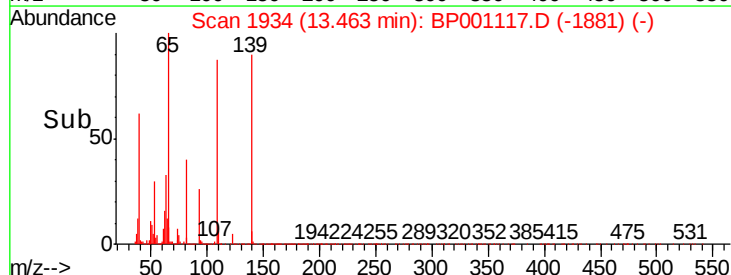
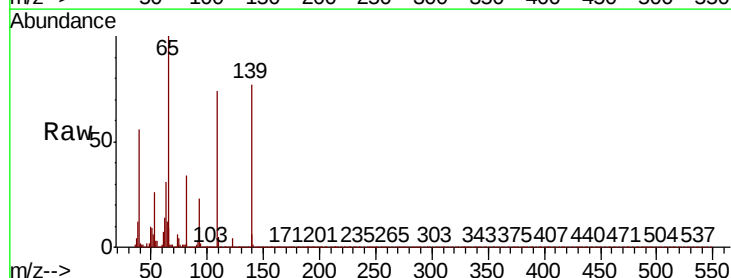
Manual Integrations
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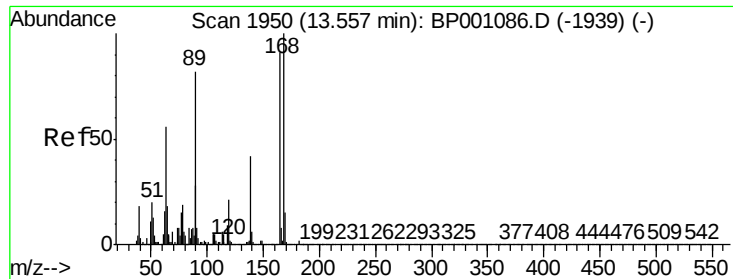
mohammad
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#56
4-Nitrophenol
Concen: 93.730 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.9	70.9	110.9
65	130.3	95.2	135.2





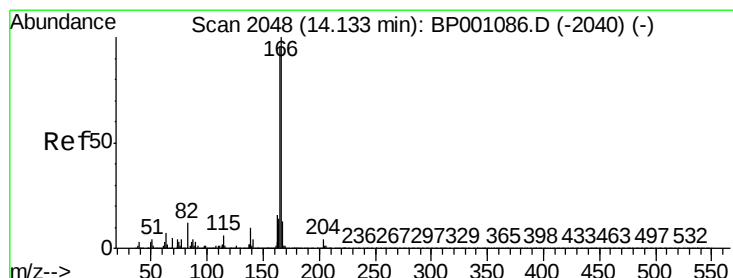
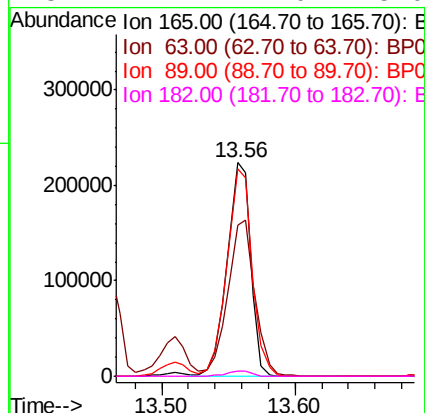
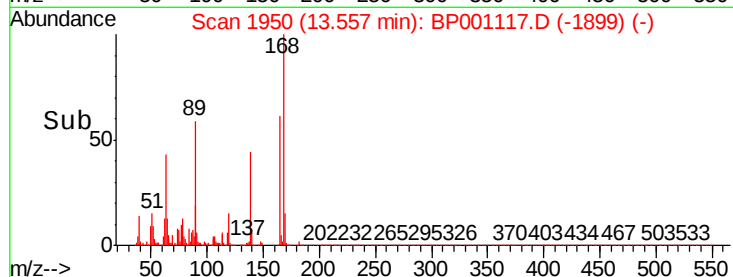
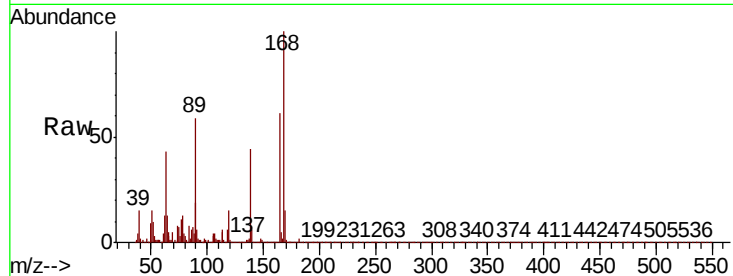
#57
2,4-Dinitrotoluene
Concen: 46.446 ng
RT: 13.56 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	279894		
63	70.9	49.4	74.2	
89	96.9	72.1	108.1	
182	2.7	2.0	3.0	

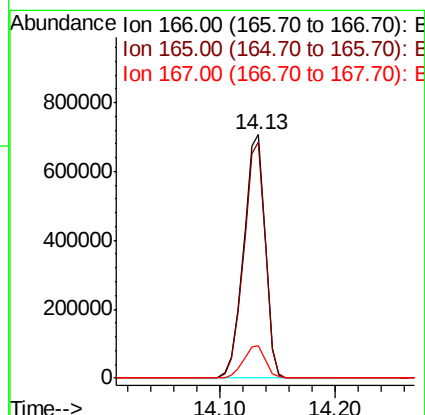
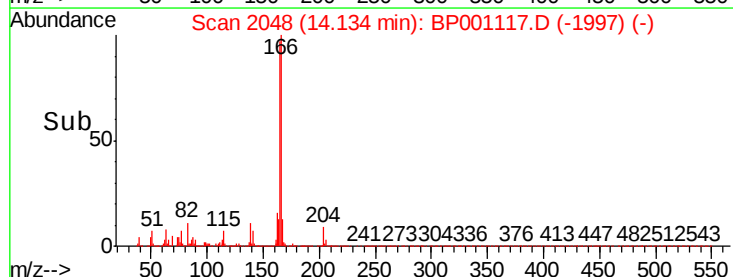
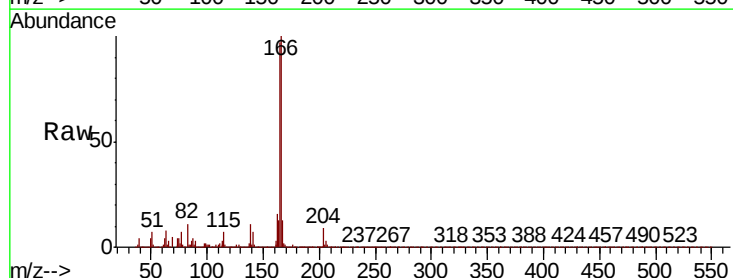
Manual Integrations
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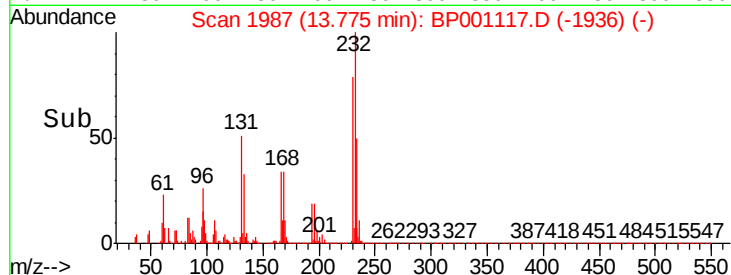
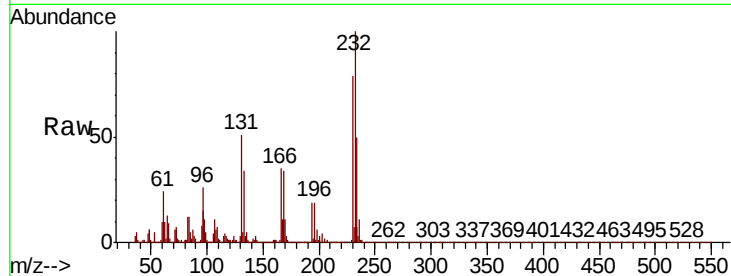
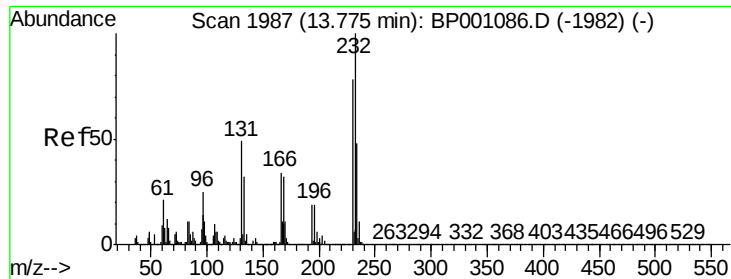
mohammad
11/29/2019 8:55:28 AM



#58
Fluorene
Concen: 44.989 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	905469		
165	97.1	76.7	115.1	
167	13.2	10.5	15.7	





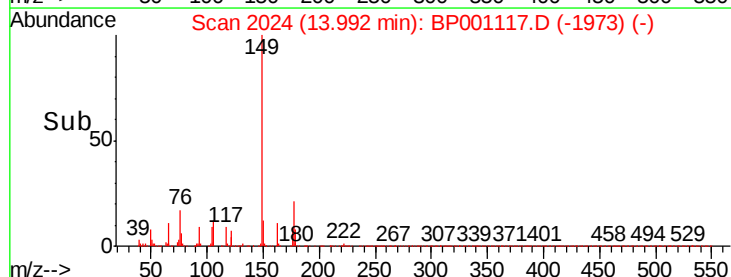
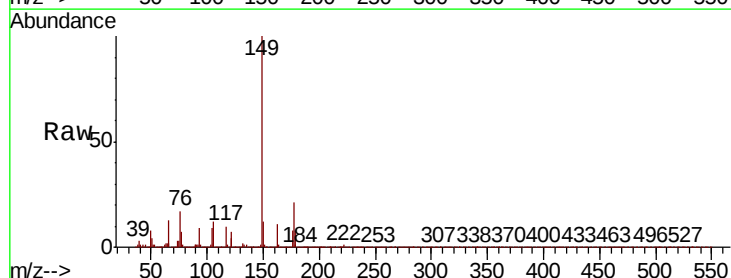
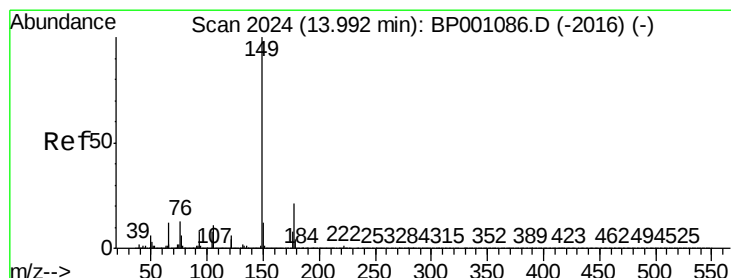
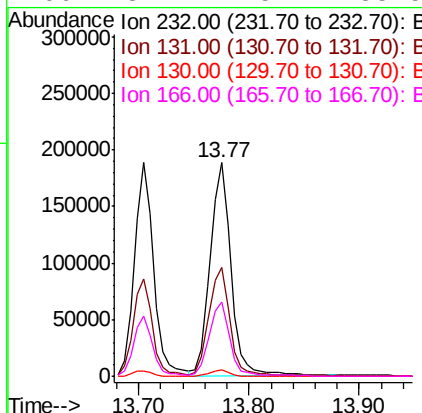
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.173 ng
RT: 13.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.2	39.6	59.4
130	2.8	1.9	2.9
166	34.4	25.7	38.5

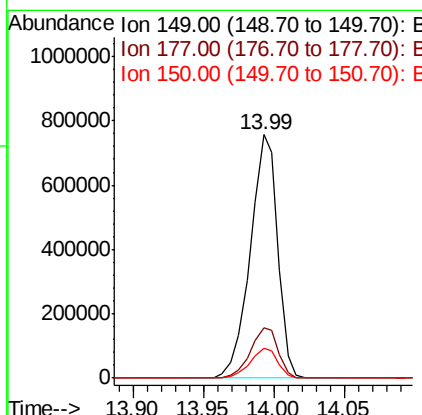
Manual Integrations
APPROVED

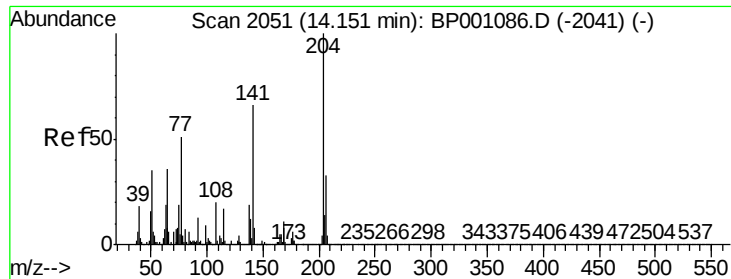
mohammad
11/29/2019 8:55:28 AM



#60
Diethylphthalate
Concen: 44.320 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	17.0	25.6
150	12.5	9.9	14.9





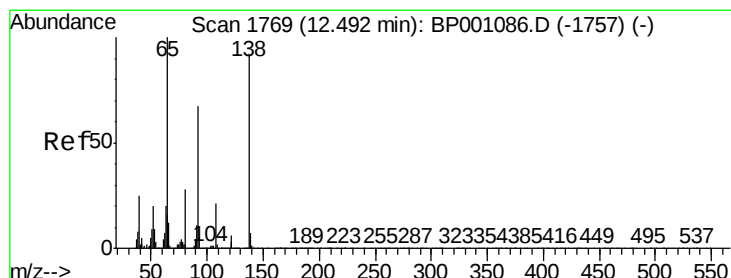
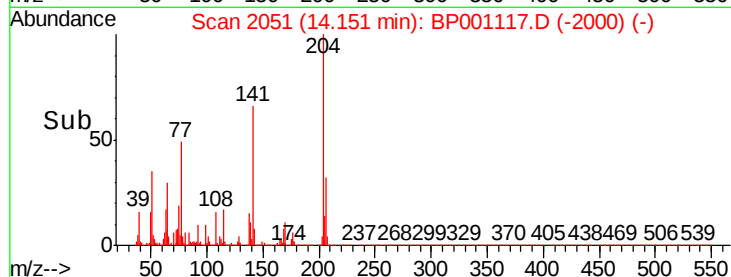
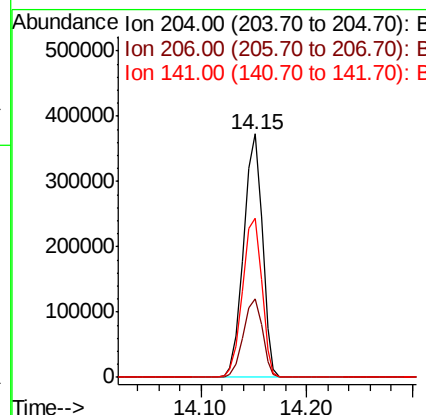
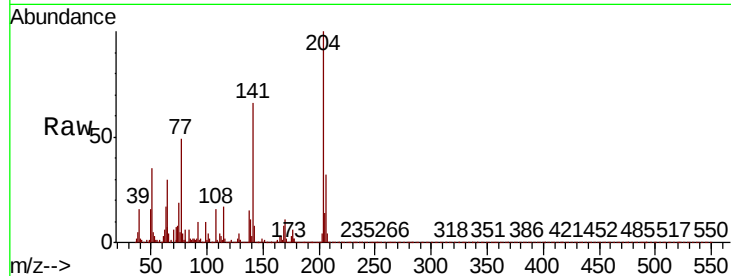
#61
4-Chlorophenyl-phenylether
Concen: 44.306 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.1	39.1
141	65.5	52.7	79.1

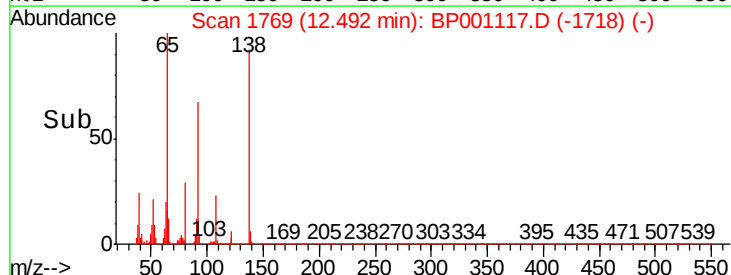
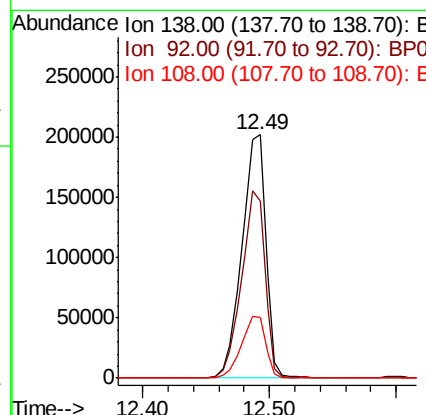
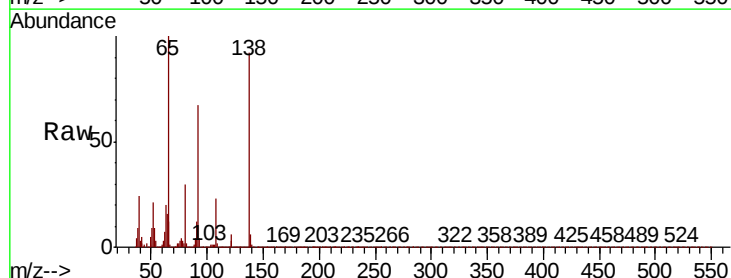
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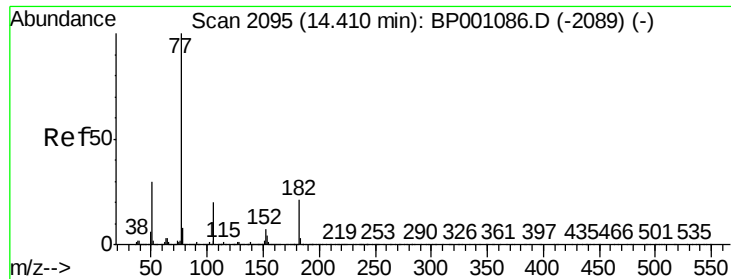
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#62
4-Nitroaniline
Concen: 42.035 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	72.8	53.3	93.3
108	25.0	3.1	43.1





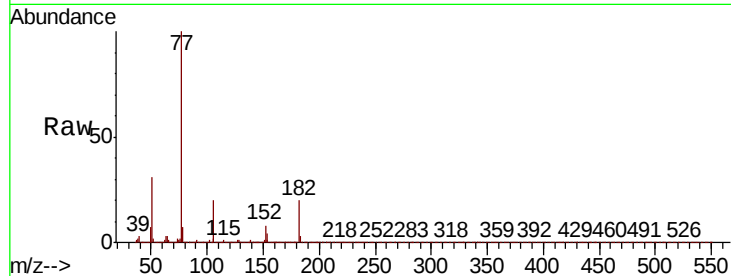
#63
Azobenzene
Concen: 45.491 ng
RT: 14.41 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

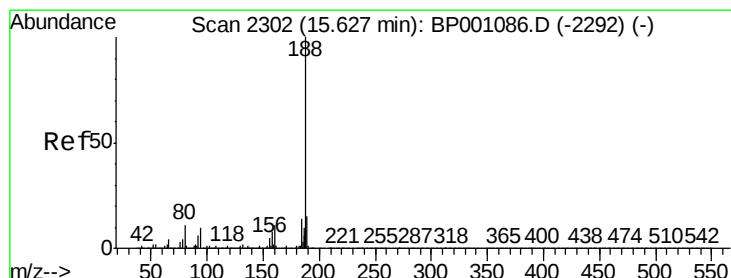
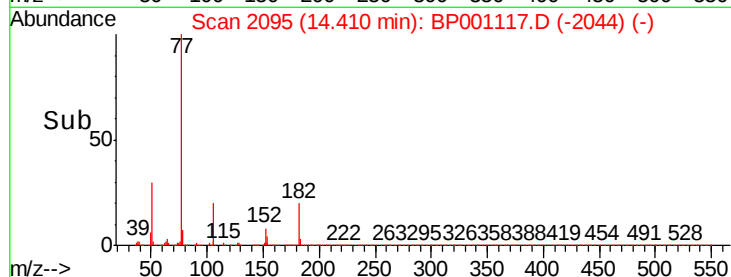
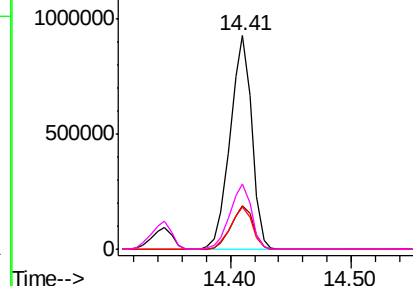
Tot Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.8	40.8
105	19.9	0.3	40.3
51	30.6	9.6	49.6

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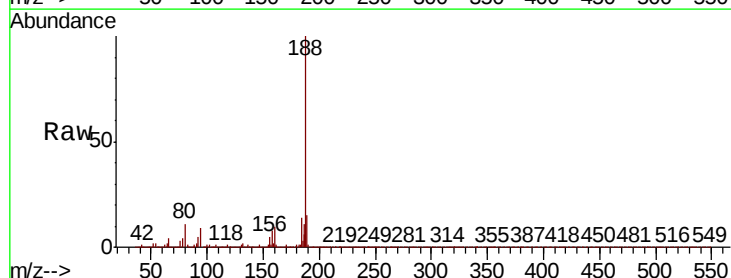


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

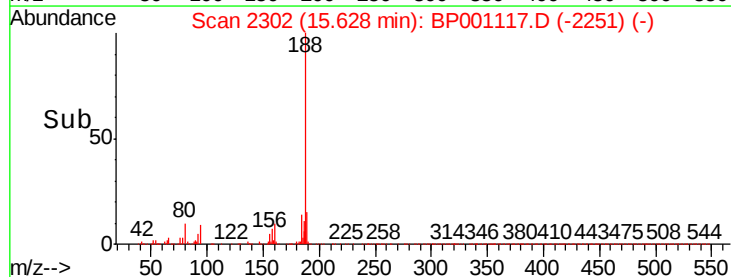
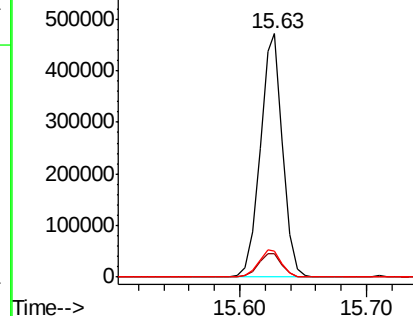


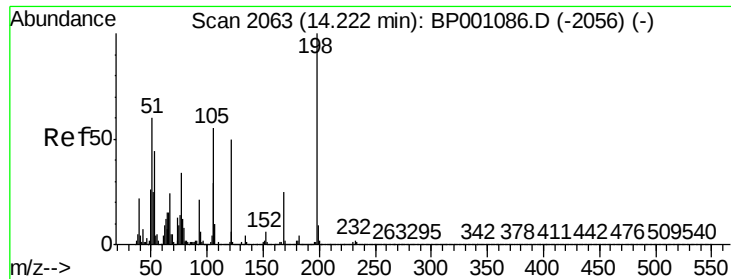
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.9	11.9
80	10.6	8.8	13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





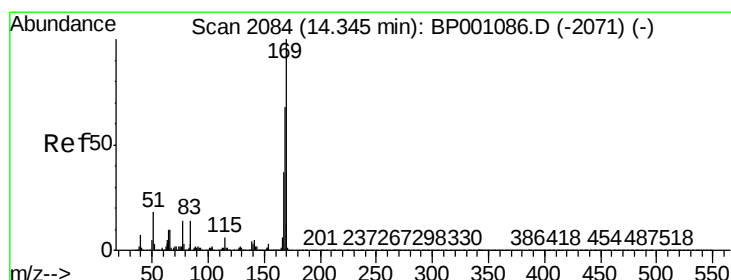
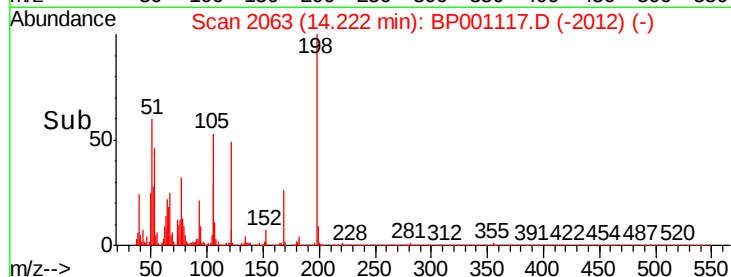
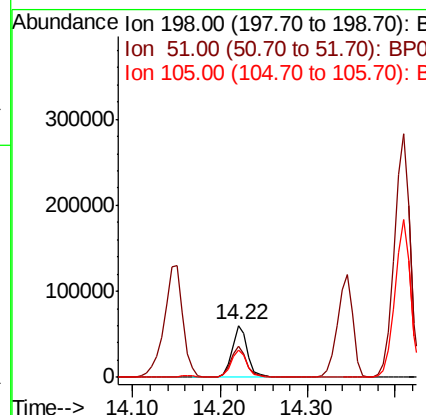
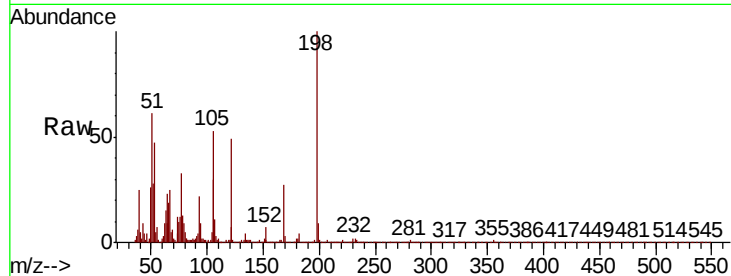
#65
4,6-Dinitro-2-methylphenol
Concen: 32.682 ng
RT: 14.22 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	60.6	40.5	80.5
105	53.5	35.7	75.7

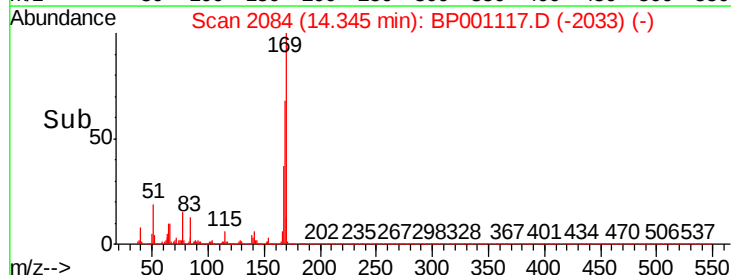
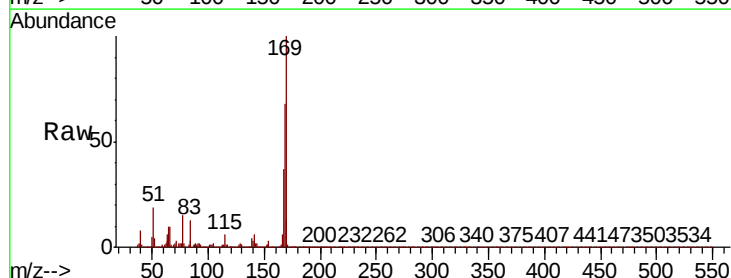
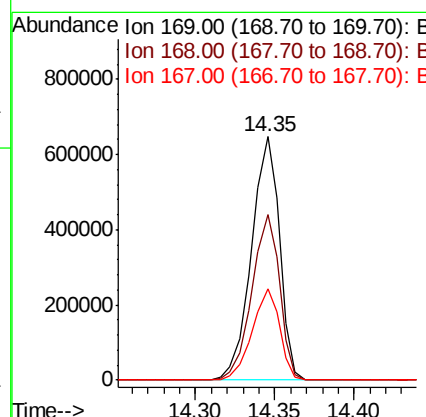
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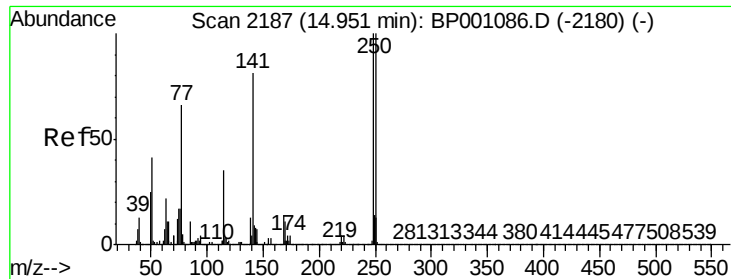
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#66
n-Nitrosodiphenylamine
Concen: 45.244 ng
RT: 14.35 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.9	54.1	81.1
167	37.3	29.5	44.3





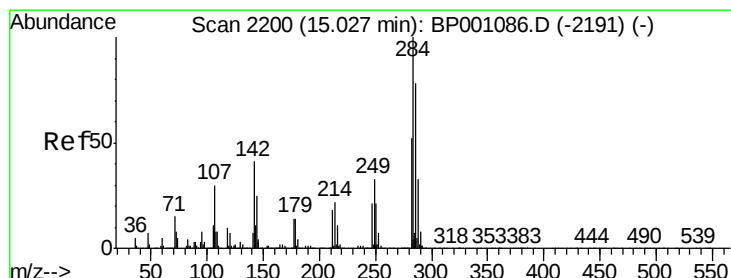
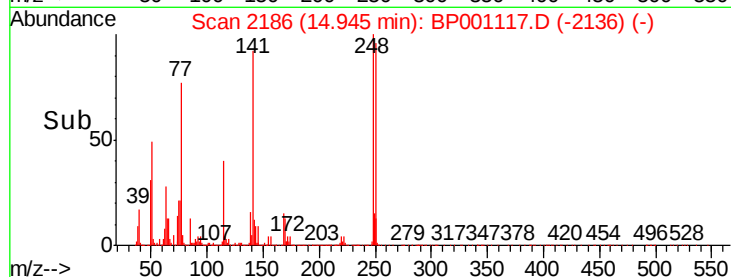
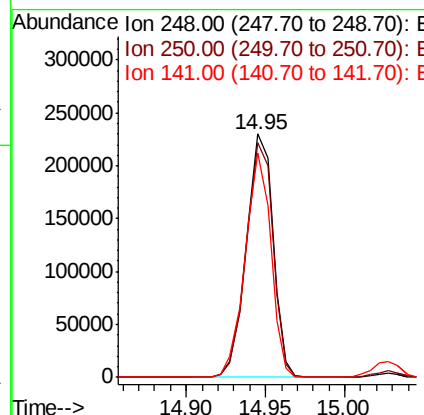
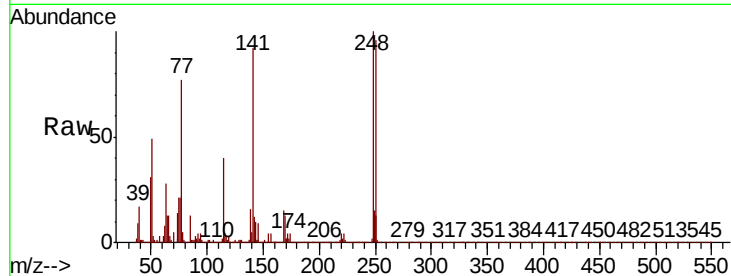
#67
4-Bromophenyl-phenylether
Concen: 43.141 ng
RT: 14.95 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	80.3	120.5
141	92.2	64.9	97.3

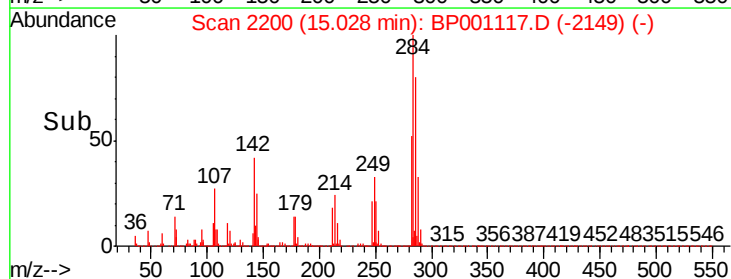
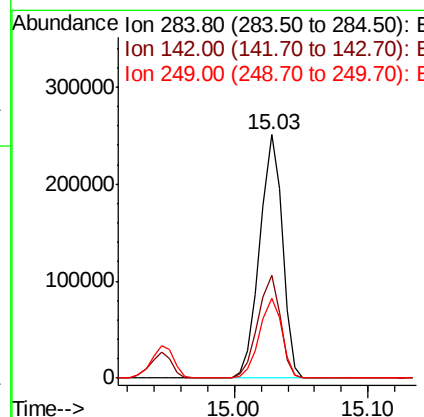
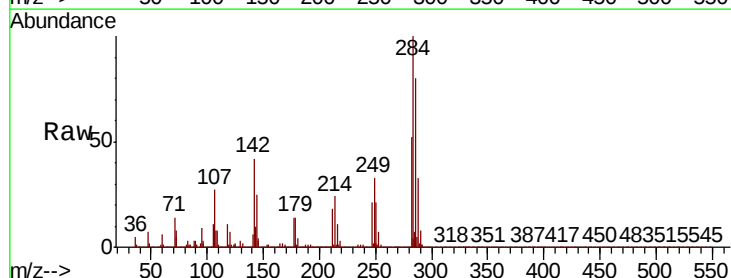
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#68
Hexachlorobenzene
Concen: 42.486 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.0	33.2	49.8
249	32.6	26.2	39.4





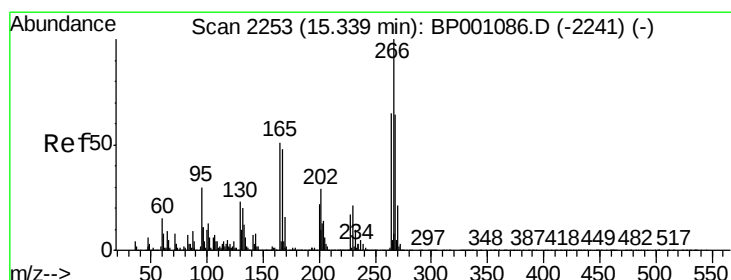
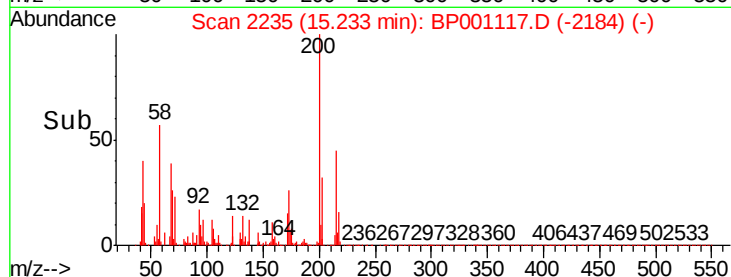
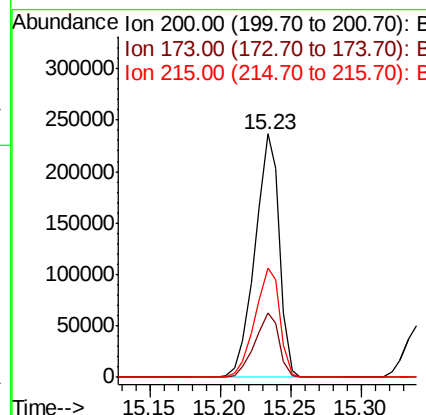
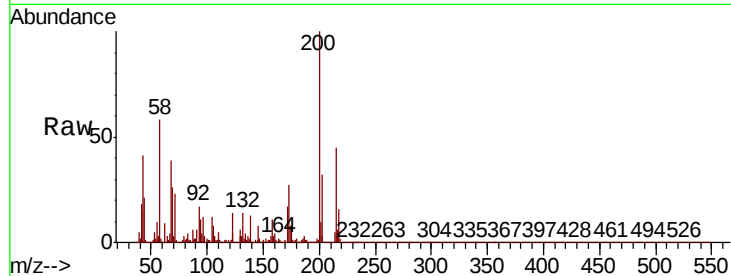
#69
Atrazine
Concen: 53.517 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.7	6.7	46.7
215	44.9	27.9	67.9

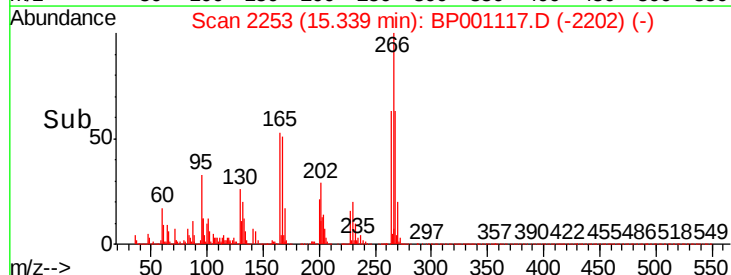
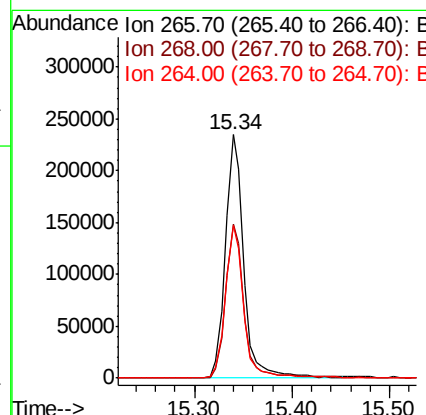
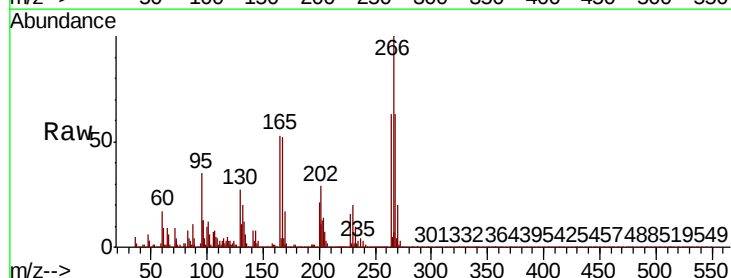
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#70
Pentachlorophenol
Concen: 85.527 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.6	77.4
264	62.9	52.2	78.4





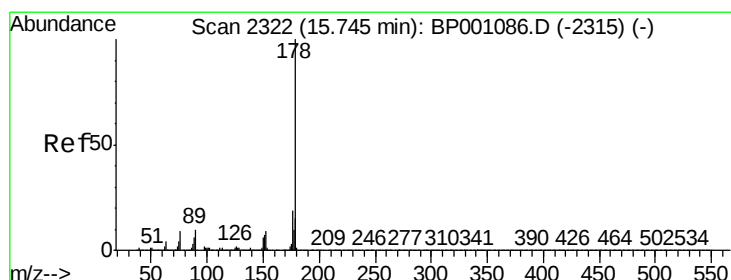
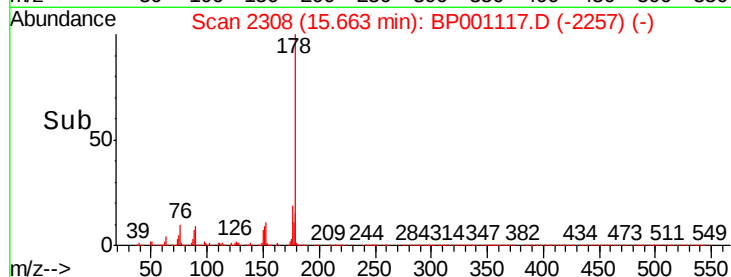
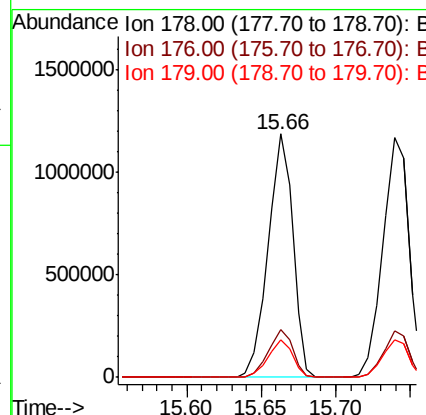
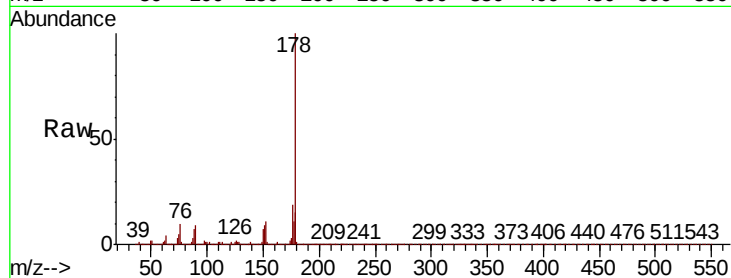
#71
Phenanthrene
Concen: 44.789 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.4	12.5	18.7

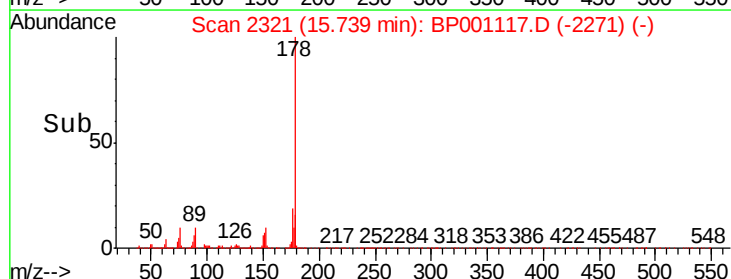
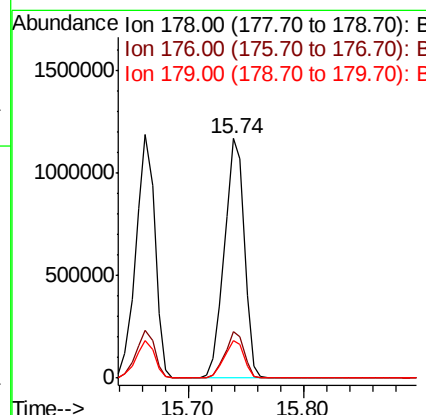
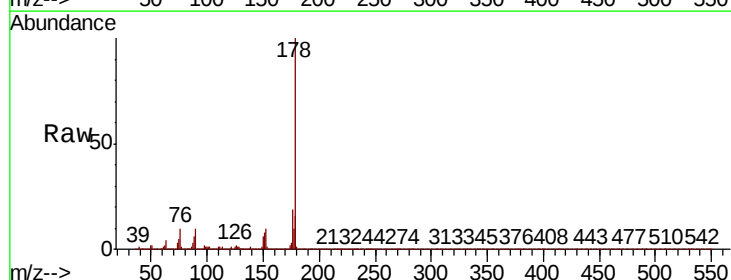
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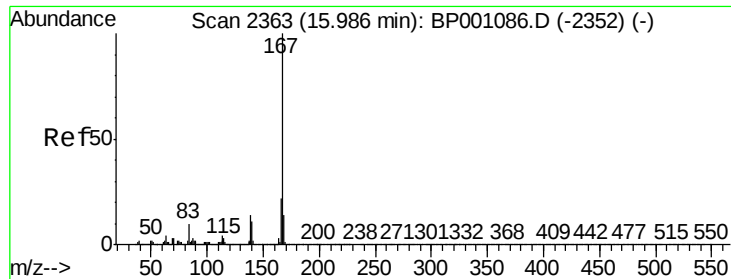
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#72
Anthracene
Concen: 46.731 ng
RT: 15.74 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.9	22.3
179	15.6	12.2	18.4





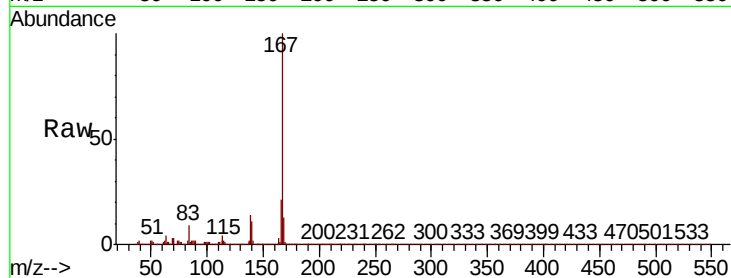
#73
 Carbazole
 Concen: 45.900 ng
 RT: 15.99 min Scan# 2363
 Delta R.T. 0.00 min
 Lab File: BP001117.D
 Acq: 28 Nov 2019 09:46

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	14.3	11.3	16.9

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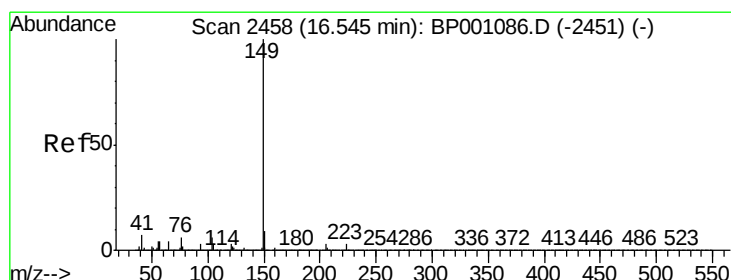
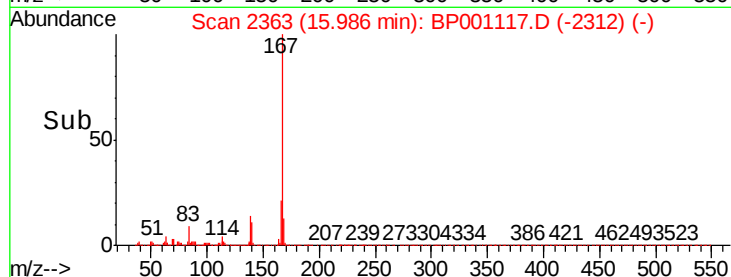
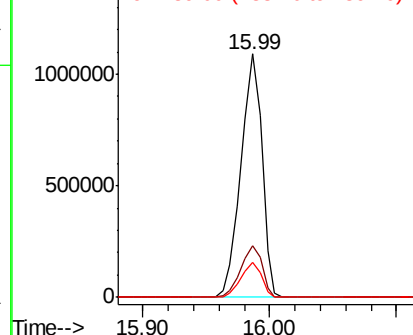


Abundance

Ion 167.00 (166.70 to 167.70): E

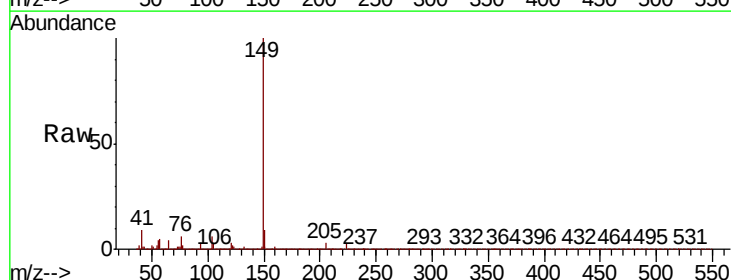
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 46.627 ng
 RT: 16.54 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BP001117.D
 Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	6.0	4.6	6.8

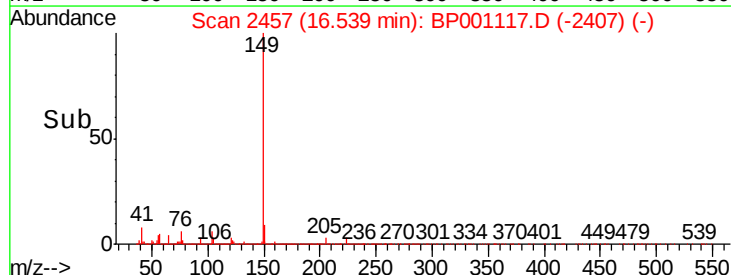
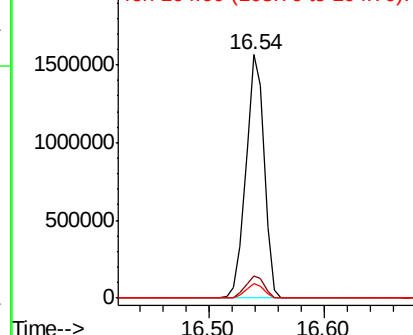


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.394 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Instrument :

BNA_P

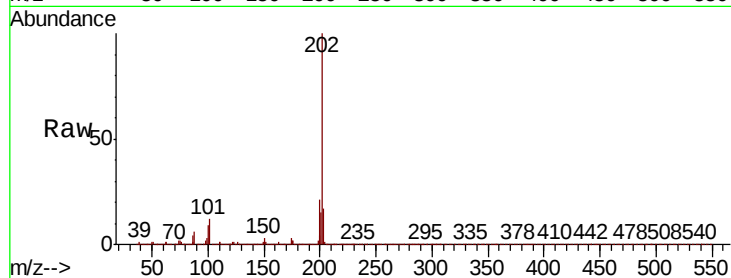
ClientSampleId :

AU-06-112219MSD

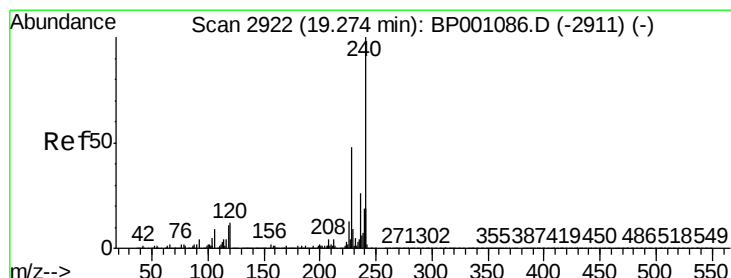
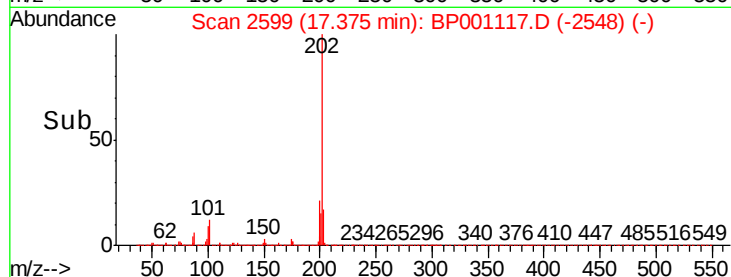
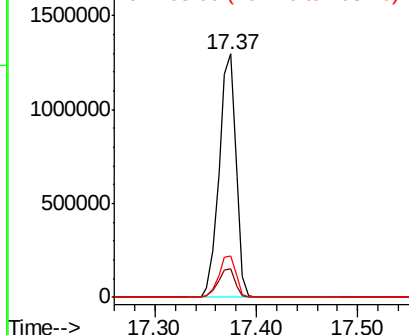
Tot Ion:	202	Resp:	1490004
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	32.1
203	17.3	0.0	37.8

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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

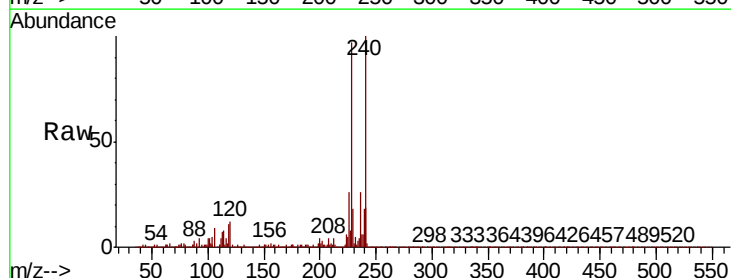
RT: 19.27 min Scan# 2921

Delta R.T. -0.01 min

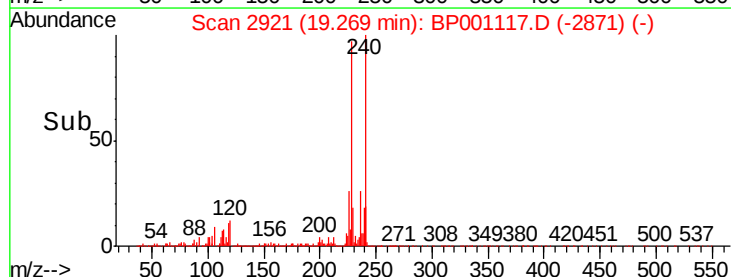
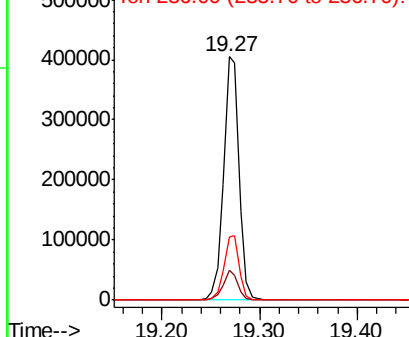
Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Tgt Ion:	240	Resp:	441308
Ion Ratio	Lower	Upper	
240	100		
120	12.4	9.5	14.3
236	25.9	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.781 ng

RT: 17.56 min Scan# 2630

Delta R.T. -0.01 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Instrument :

BNA_P

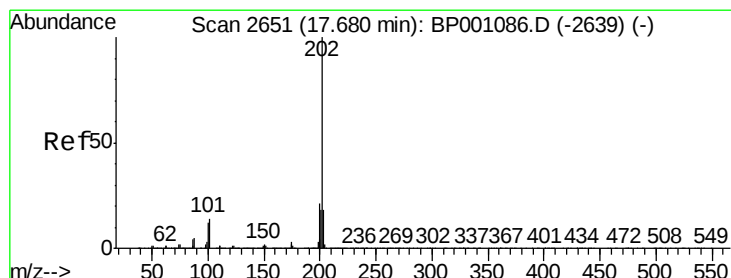
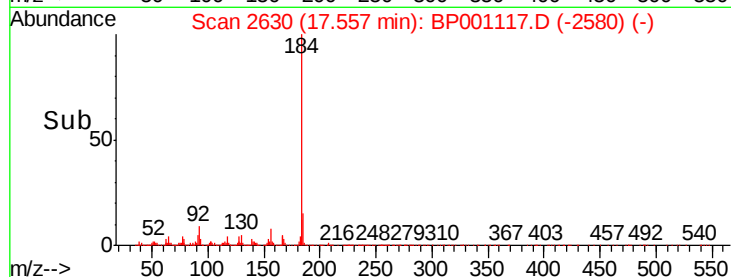
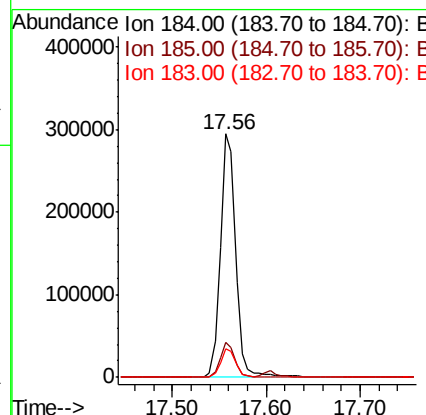
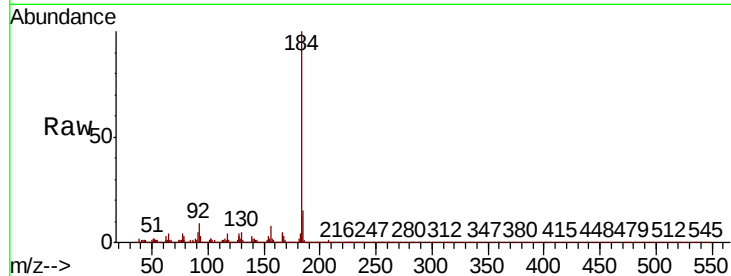
ClientSampleId :

AU-06-112219MSD

Tot Ion:	184	Resp:	339329
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.2	18.4
183	11.8	9.3	13.9

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#78

Pyrene

Concen: 43.709 ng

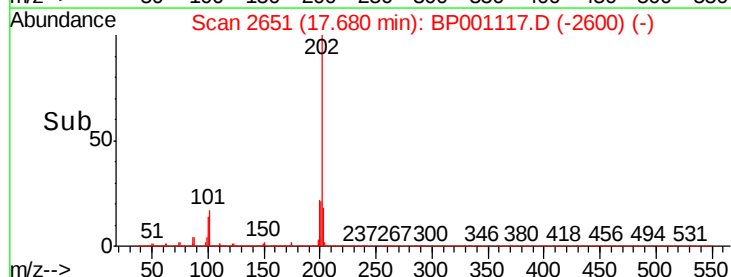
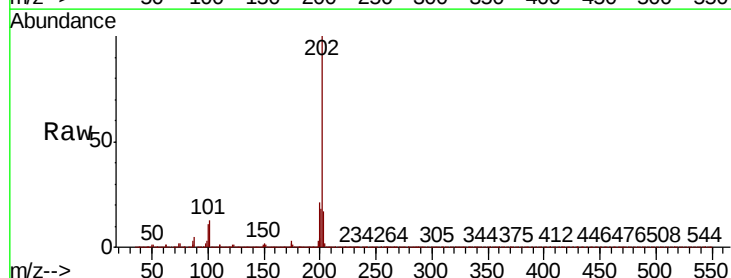
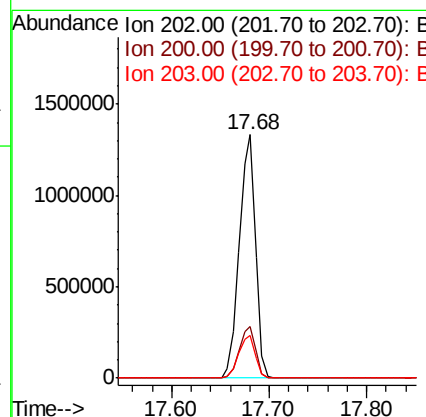
RT: 17.68 min Scan# 2651

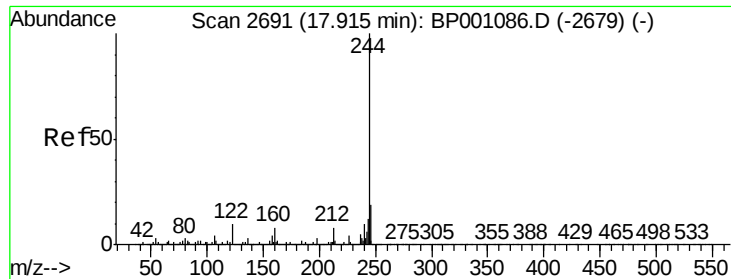
Delta R.T. 0.00 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Tgt Ion:	202	Resp:	1519244
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.0	25.6
203	17.4	14.1	21.1





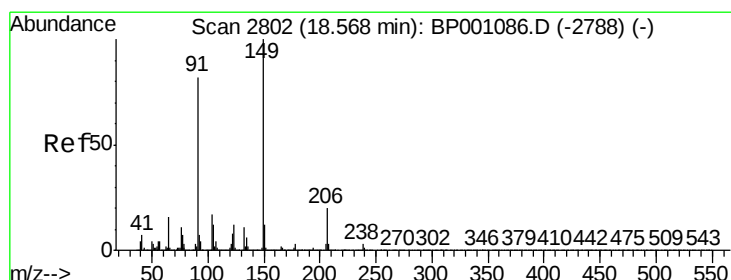
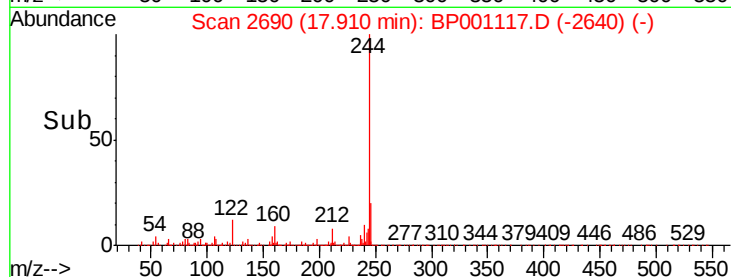
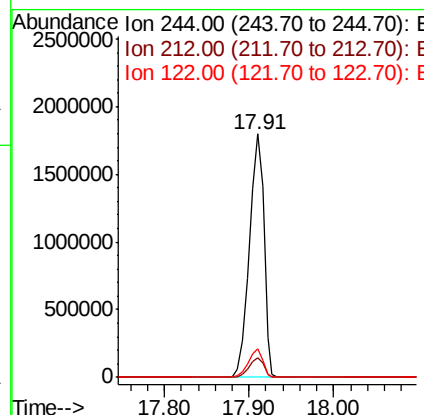
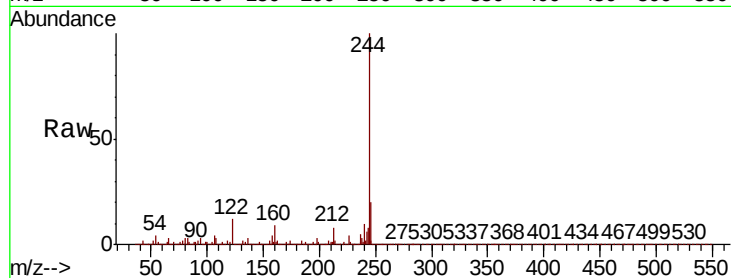
#79
 Terphenyl-d14
 Concen: 88.877 ng
 RT: 17.91 min Scan# 2690
 Delta R.T. -0.01 min
 Lab File: BP001117.D
 Acq: 28 Nov 2019 09:46

Instrument :
 BNA_P
 ClientSampleId :
 AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.2	9.2
122	11.5	8.2	12.2

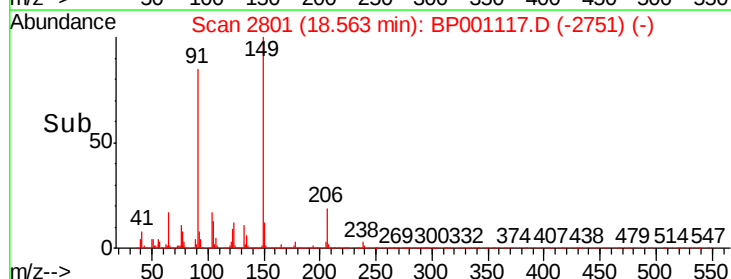
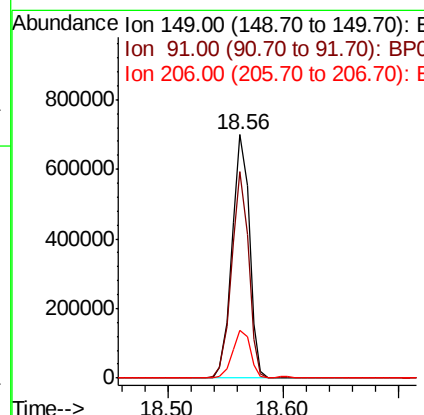
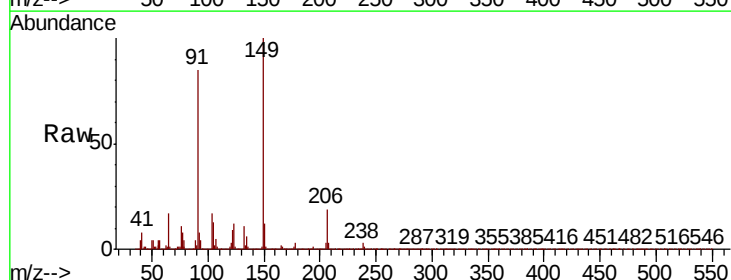
Manual Integrations
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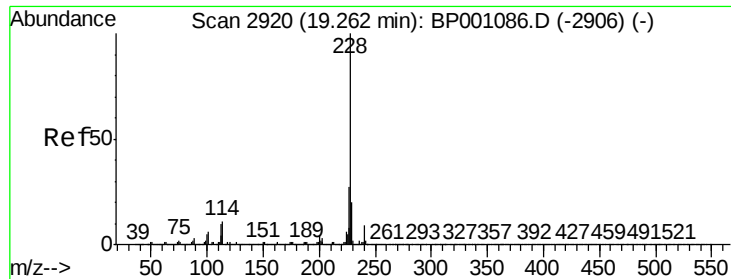
mohammad
 11/29/2019 8:55:28 AM



#80
 Butylbenzylphthalate
 Concen: 45.557 ng
 RT: 18.56 min Scan# 2801
 Delta R.T. -0.01 min
 Lab File: BP001117.D
 Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
149	100		
91	84.7	65.4	98.2
206	19.4	16.0	24.0





#81

Benzo(a)anthracene

Concen: 44.806 ng

RT: 19.26 min Scan# 2919

Delta R.T. -0.01 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Instrument :

BNA_P

ClientSampleId :

AU-06-112219MSD

Tot Ion:228 Resp: 1370965

Ion Ratio Lower Upper

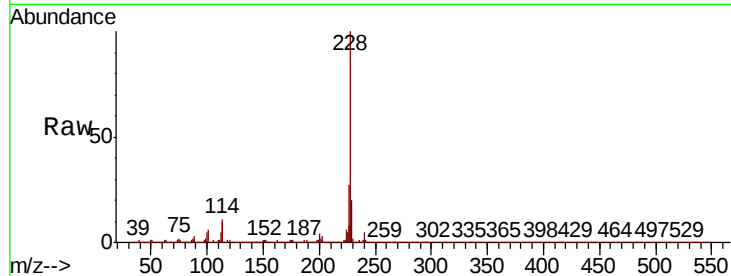
228 100

226 27.3 21.8 32.6

229 19.9 15.8 23.6

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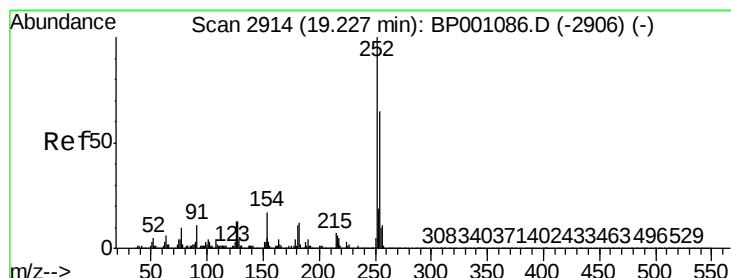
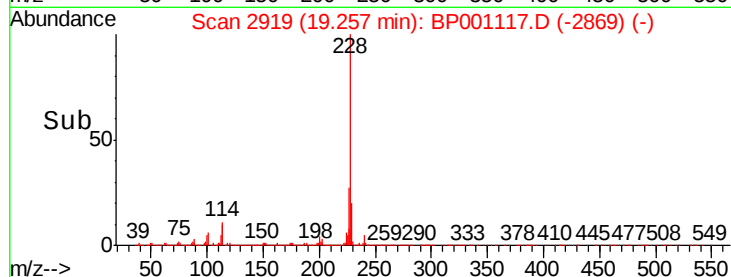
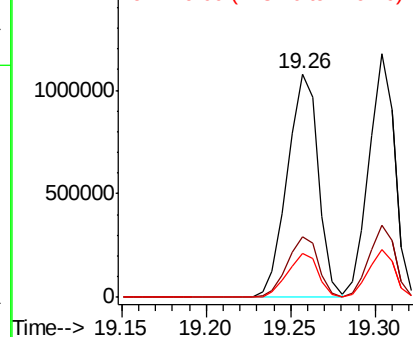


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 15.226 ng

RT: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

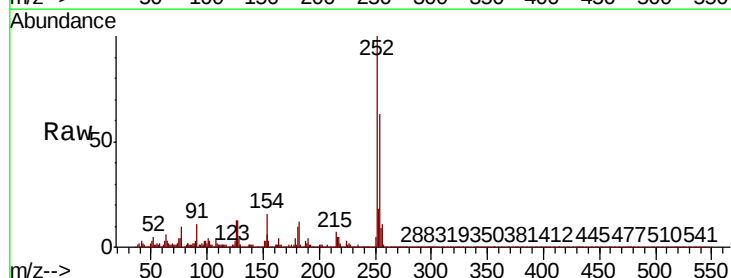
Tgt Ion:252 Resp: 153905

Ion Ratio Lower Upper

252 100

254 62.9 51.7 77.5

126 12.6 10.2 15.4

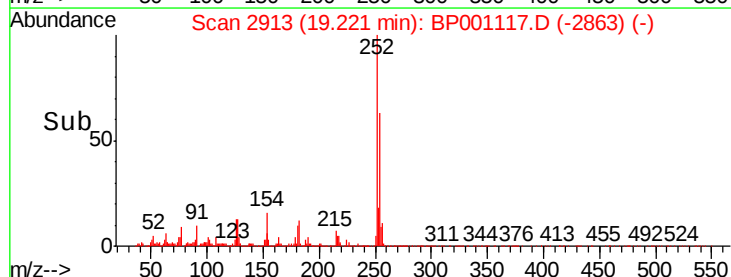
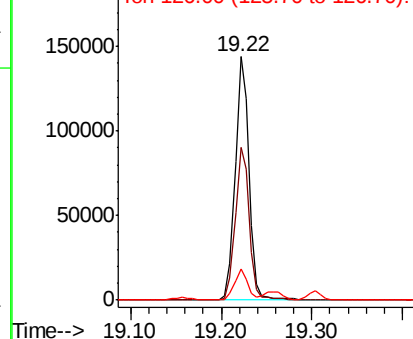


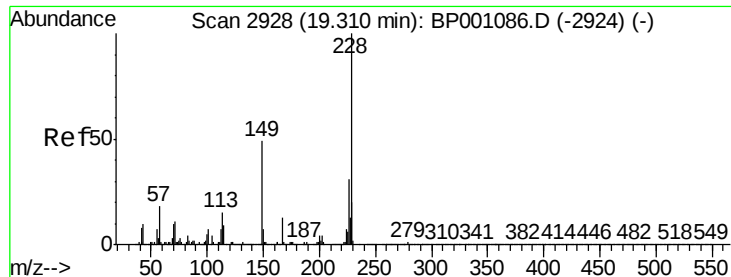
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





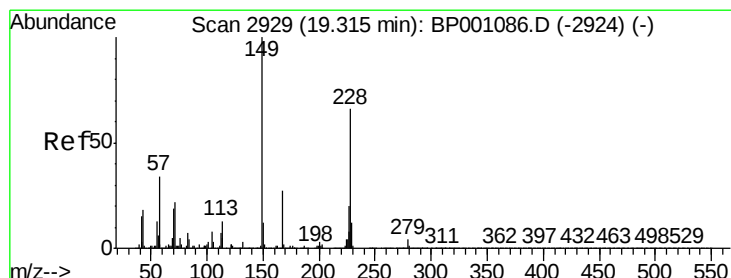
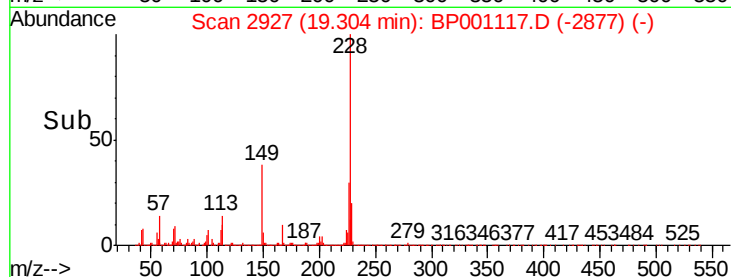
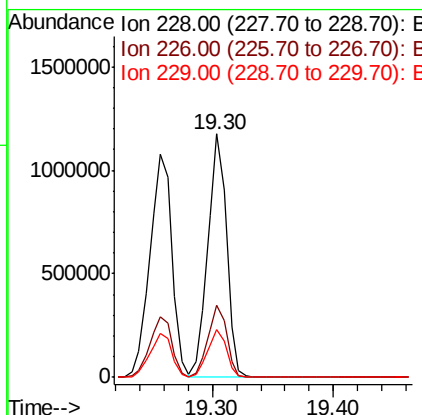
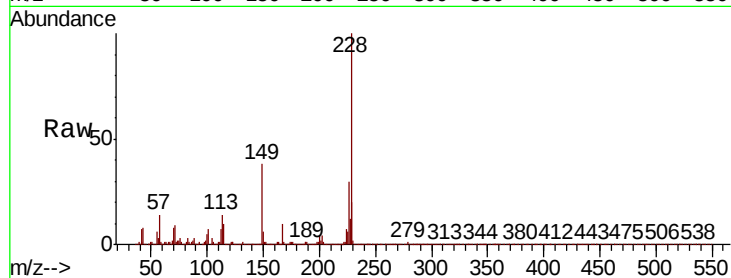
#83
Chrysene
Concen: 45.807 ng
RT: 19.30 min Scan# 2927
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion: 228 Resp: 1255074
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 19.6 15.7 23.5

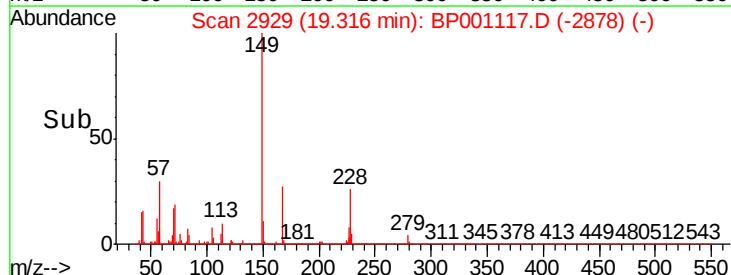
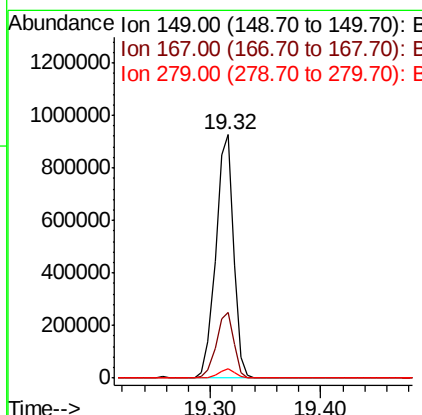
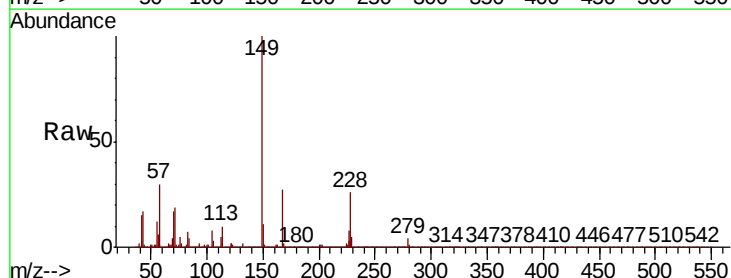
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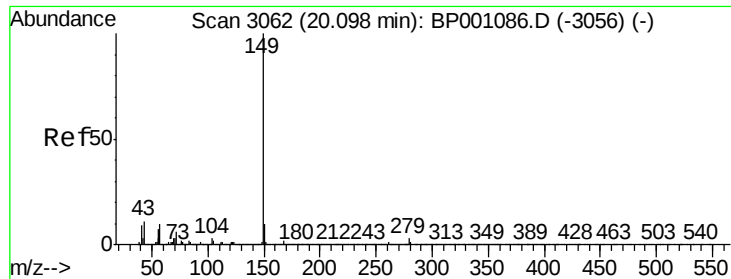
mohammad
11/29/2019 8:55:28 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.474 ng
RT: 19.32 min Scan# 2929
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion: 149 Resp: 1025814
Ion Ratio Lower Upper
149 100
167 27.0 21.3 31.9
279 3.8 2.8 4.2





#85

Di-n-octyl phthalate

Concen: 47.012 ng

RT: 20.09 min Scan# 3061

Delta R.T. -0.01 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Instrument :

BNA_P

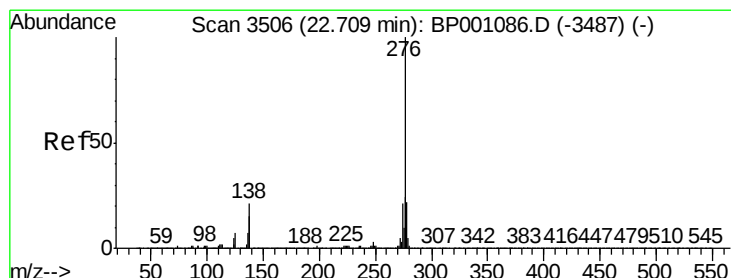
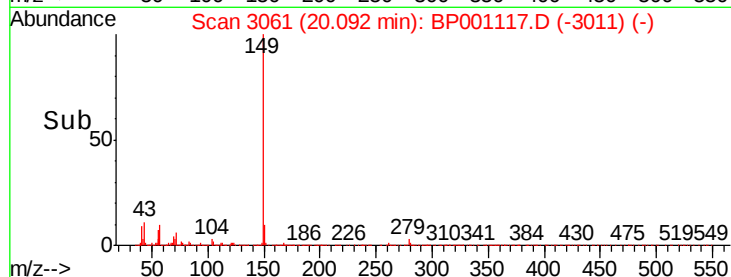
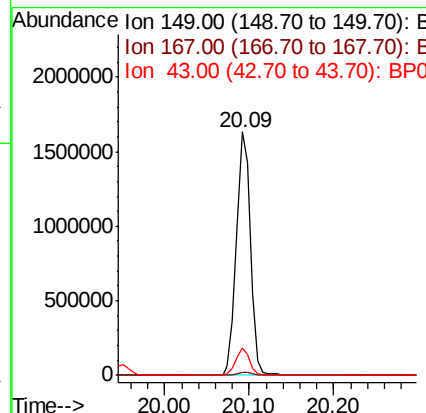
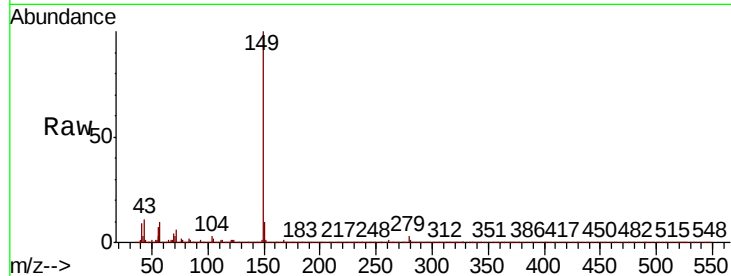
ClientSampleId :

AU-06-112219MSD

Tot Ion:	149	Resp:	1843342
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	10.9	8.5	12.7

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 45.589 ng

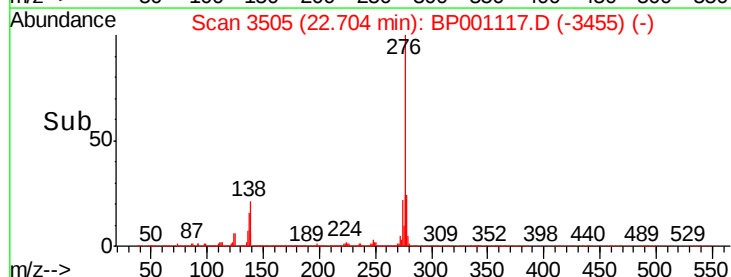
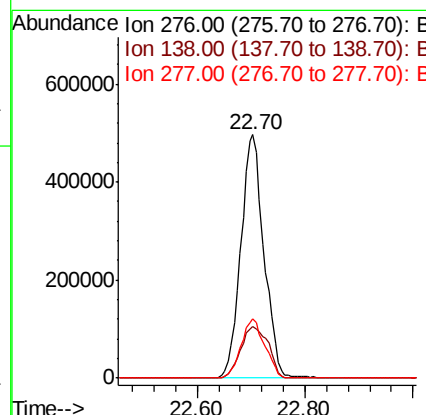
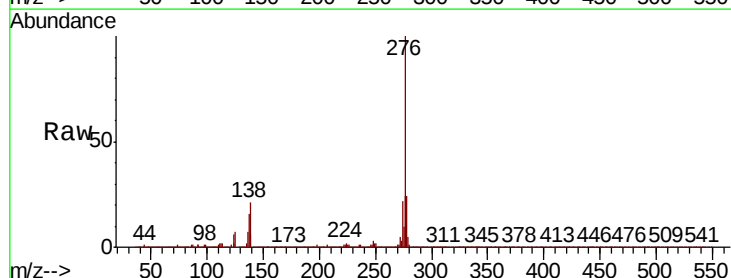
RT: 22.70 min Scan# 3505

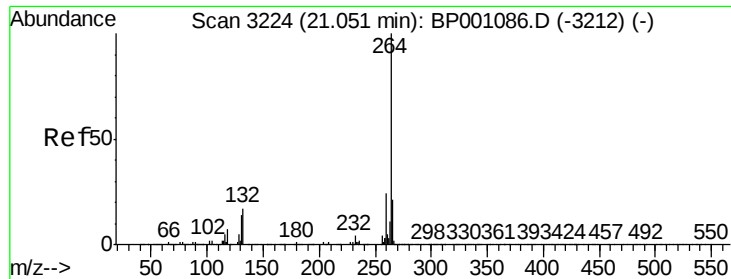
Delta R.T. -0.01 min

Lab File: BP001117.D

Acq: 28 Nov 2019 09:46

Tgt Ion:	276	Resp:	1472098
Ion Ratio	Lower	Upper	
276	100		
138	25.6	20.6	30.8
277	25.2	20.0	30.0





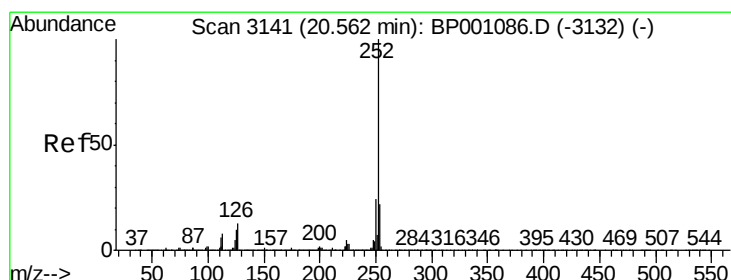
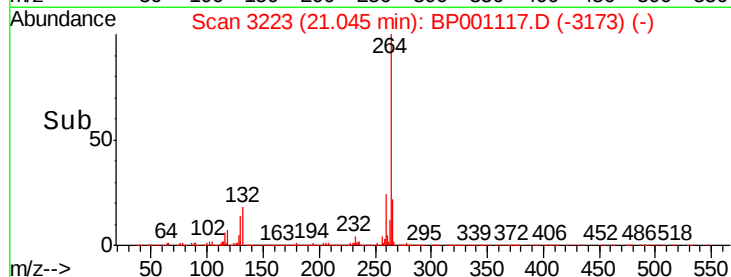
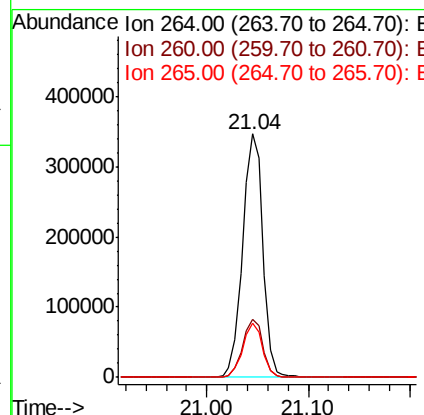
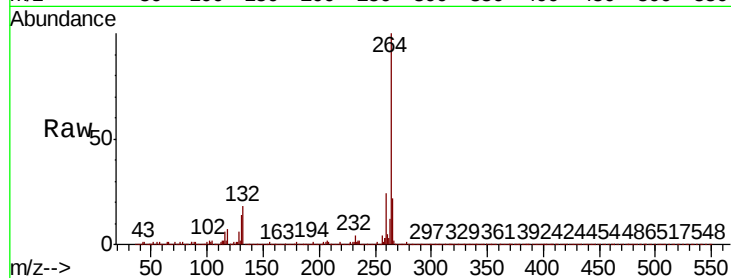
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3223
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	22.1	16.9	25.3

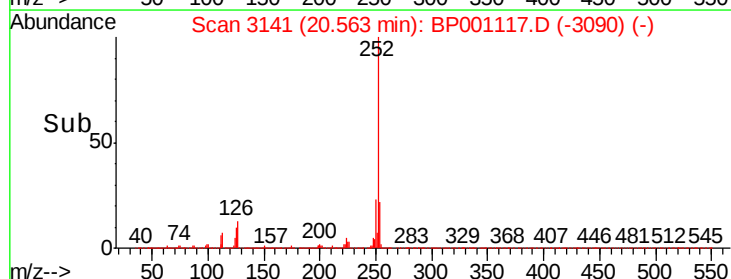
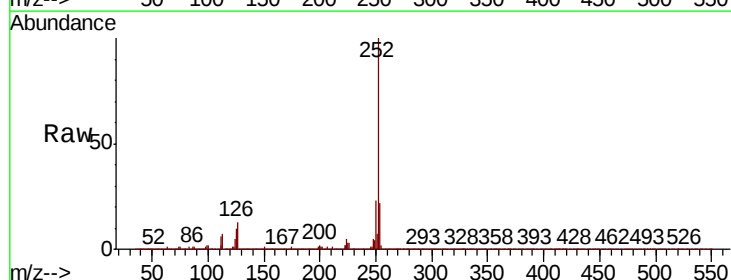
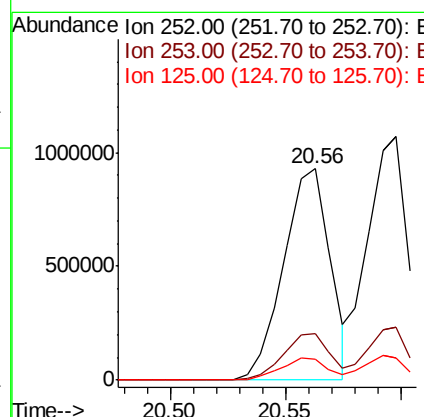
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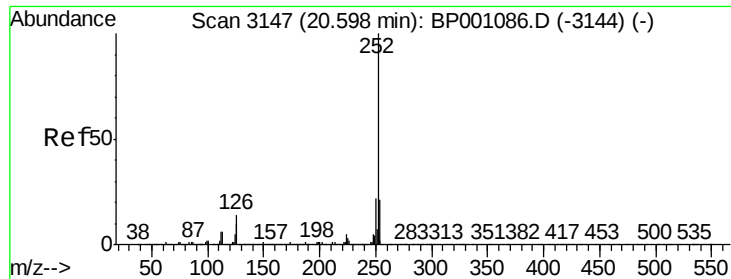
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.510 ng
RT: 20.56 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	9.8	8.1	12.1





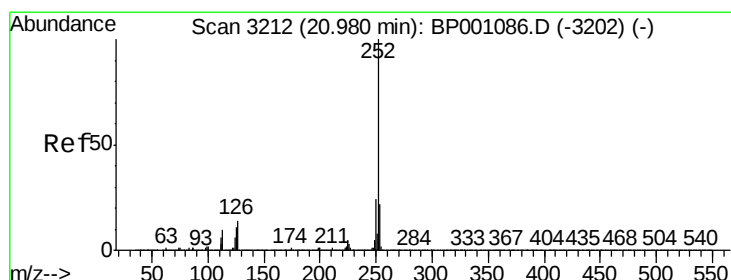
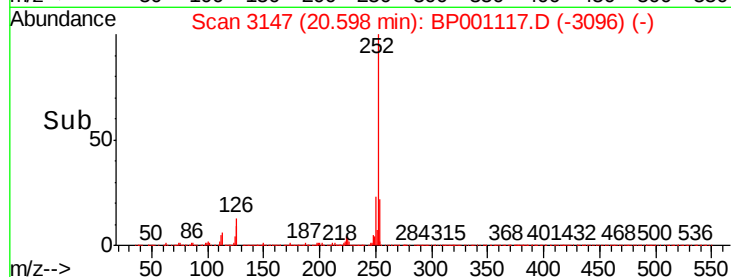
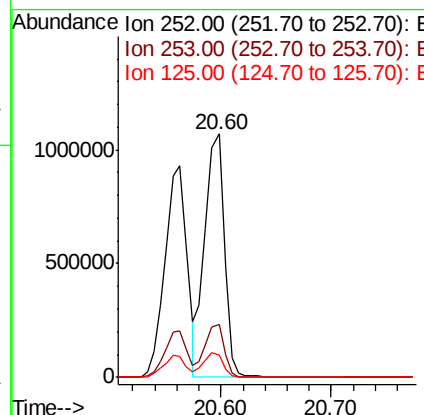
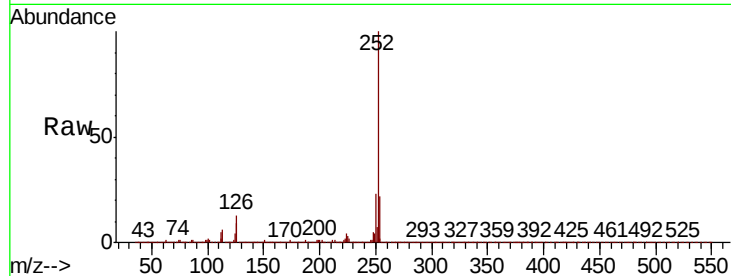
#89
Benzo(k)fluoranthene
Concen: 45.864 ng
RT: 20.60 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	8.9	8.2	12.2

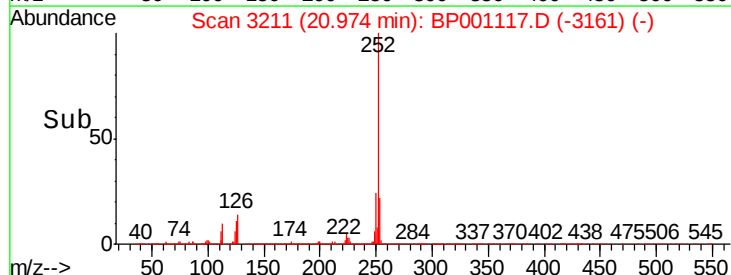
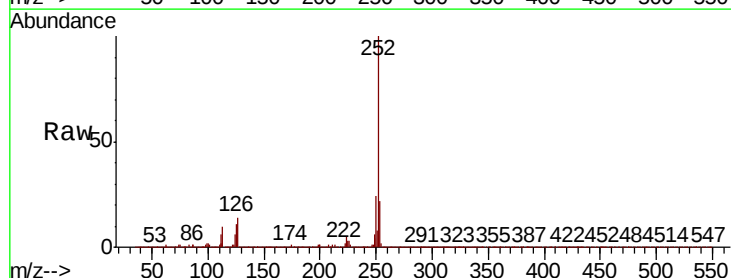
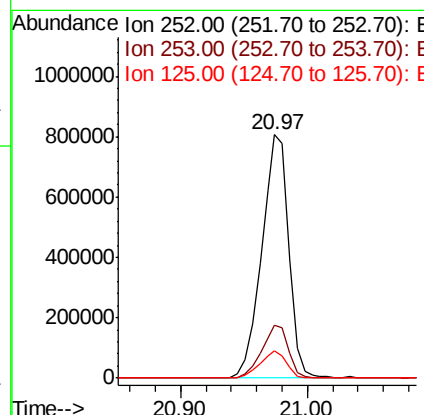
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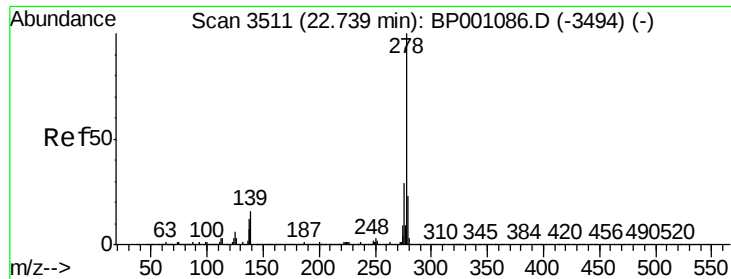
mohammad
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#90
Benzo(a)pyrene
Concen: 44.085 ng
RT: 20.97 min Scan# 3211
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	11.1	8.7	13.1





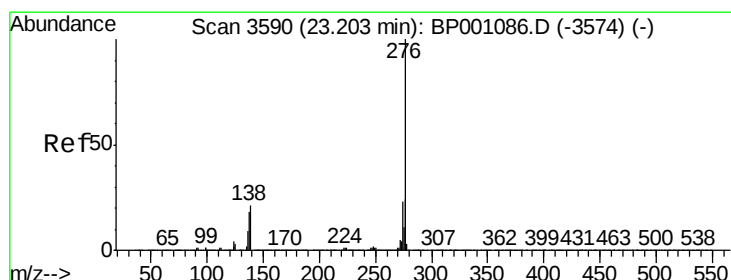
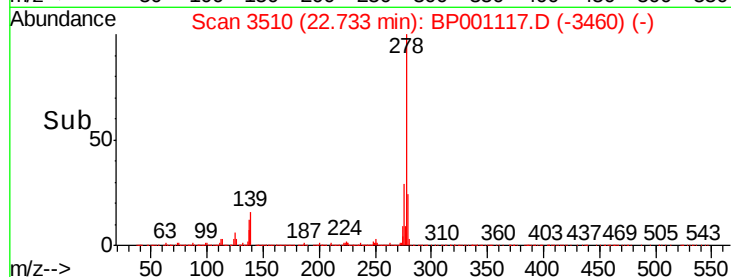
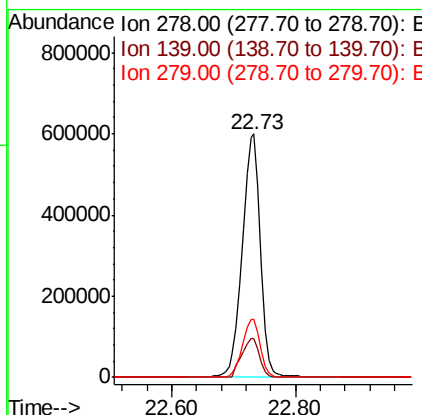
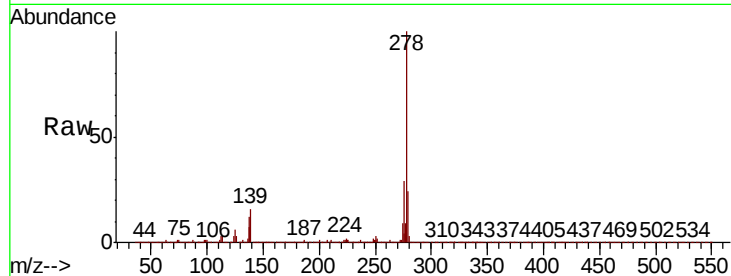
#91
Dibenzo(a,h)anthracene
Concen: 46.734 ng
RT: 22.73 min Scan# 3510
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Instrument :
BNA_P
ClientSampleId :
AU-06-112219MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.0	19.4
279	23.9	18.7	28.1

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#92
Benzo(g,h,i)perylene
Concen: 48.063 ng
RT: 23.20 min Scan# 3589
Delta R.T. -0.01 min
Lab File: BP001117.D
Acq: 28 Nov 2019 09:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	21.7	17.2	25.8

