

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001136.D
 Acq On : 02 Dec 2019 20:13
 Operator : JU
 Sample : K5676-38MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-112719MSD

Manual Integrations
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 12/4/2019 4:59:31 PM

Quant Time: Dec 03 00:49:41 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	151901	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	554897	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	298255	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	558879	20.00	ng	0.00
76) Chrysene-d12	19.27	240	417714	20.00	ng	0.00
87) Perylene-d12	21.05	264	474686	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.26	112	1286001	140.46	ng	0.03
7) Phenol-d6	7.79	99	1739158	142.58	ng	0.02
23) Nitrobenzene-d5	9.22	82	1166005	91.17	ng	0.00
42) 2,4,6-Tribromophenol	14.53	330	402144	140.67	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1847103	90.64	ng	0.00
79) Terphenyl-d14	17.92	244	2115745	93.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	164463	38.457	ng	# 83
3) Pyridine	3.56	79	394394	33.235	ng	96
4) n-Nitrosodimethylamine	3.45	42	249226	48.533	ng	89
6) Aniline	7.81	93	171846	10.626	ng	# 1
8) 2-Chlorophenol	8.00	128	448106	47.304	ng	98
9) Benzaldehyde	7.63	77	184092	22.766	ng	98
10) Phenol	7.80	94	602547	43.428	ng	92
11) bis(2-Chloroethyl)ether	7.94	93	480862	44.507	ng	98
12) 1,3-Dichlorobenzene	8.24	146	478674	42.633	ng	98
13) 1,4-Dichlorobenzene	8.36	146	487778	43.126	ng	99
14) 1,2-Dichlorobenzene	8.59	146	460249	43.237	ng	99
15) Benzyl Alcohol	8.56	79	475486	47.488	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	740067	42.606	ng	99
17) 2-Methylphenol	8.75	107	395540	45.520	ng	97
18) Hexachloroethane	9.13	117	196912	42.085	ng	98
19) n-Nitroso-di-n-propylamine	9.00	70	384825	43.722	ng	96
20) 3+4-Methylphenols	9.00	107	502356	45.862	ng	99
22) Acetophenone	8.98	105	732162	44.893	ng	# 98
24) Nitrobenzene	9.25	77	583348	45.868	ng	99
25) Isophorone	9.64	82	1040684	45.376	ng	99
26) 2-Nitrophenol	9.75	139	217470	46.683	ng	95
27) 2,4-Dimethylphenol	9.85	122	398229	53.969	ng	95
28) bis(2-Chloroethoxy)methane	10.00	93	619404	43.045	ng	99
29) 2,4-Dichlorophenol	10.15	162	390470	46.494	ng	100
30) 1,2,4-Trichlorobenzene	10.28	180	423348	43.159	ng	99
31) Naphthalene	10.40	128	1324096	46.722	ng	99
32) Benzoic acid	10.03	122	182717	34.251	ng	95
33) 4-Chloroaniline	10.49	127	82010	6.668	ng	98
34) Hexachlorobutadiene	10.62	225	267040	43.276	ng	100
35) Caprolactam	11.07	113	123310m	42.602	ng	
36) 4-Chloro-3-methylphenol	11.31	107	461338	46.332	ng	99
37) 2-Methylnaphthalene	11.53	142	875579	45.278	ng	98
38) 1-Methylnaphthalene	11.69	142	810641	44.376	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	418780	44.554	ng	99

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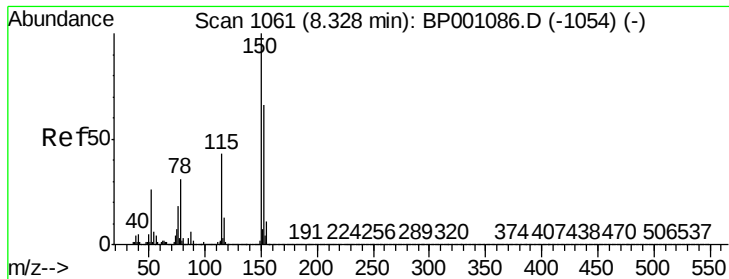
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	282893	65.240	nq	100
43) 2,4,6-Trichlorophenol	12.00	196	280960	45.780	nq	99
44) 2,4,5-Trichlorophenol	12.06	196	298059	46.874	nq	95
46) 1,1'-Biphenyl	12.30	154	1040671	45.148	nq	100
47) 2-Chloronaphthalene	12.32	162	814653	44.246	nq	98
48) 2-Nitroaniline	12.49	65	322815	44.736	nq	99
49) Acenaphthylene	13.00	152	1300335	47.116	nq	99
50) Dimethylphthalate	12.83	163	994794	44.596	nq	100
51) 2,6-Dinitrotoluene	12.91	165	218407	45.739	nq	99
52) Acenaphthene	13.29	154	752205	45.309	nq	99
53) 3-Nitroaniline	13.16	138	77779	14.500	nq	99
54) 2,4-Dinitrophenol	13.34	184	46409	28.789	nq	90
55) Dibenzofuran	13.57	168	1138155	45.623	nq	98
56) 4-Nitrophenol	13.47	139	348980	91.814	nq	86
57) 2,4-Dinitrotoluene	13.56	165	277472	46.359	nq	# 88
58) Fluorene	14.13	166	905229	45.284	nq	98
59) 2,3,4,6-Tetrachlorophenol	13.77	232	236274m	45.202	nq	
60) Diethylphthalate	14.00	149	1006481	43.576	nq	100
61) 4-Chlorophenyl-phenylether	14.15	204	445432	43.758	nq	99
62) 4-Nitroaniline	12.49	138	267958	43.087	nq	96
63) Azobenzene	14.41	77	1123682	45.008	nq	97
65) 4,6-Dinitro-2-methylphenol	14.23	198	44143	22.285	nq	98
66) n-Nitrosodiphenylamine	14.35	169	790661	46.561	nq	100
67) 4-Bromophenyl-phenylether	14.95	248	264635	43.615	nq	97
68) Hexachlorobenzene	15.03	284	282771	42.391	nq	97
69) Atrazine	15.24	200	249994	48.216	nq	98
70) Pentachlorophenol	15.35	266	285443	82.102	nq	97
71) Phenanthrene	15.67	178	1334920	45.433	nq	99
72) Anthracene	15.75	178	1367538	47.221	nq	100
73) Carbazole	15.99	167	1239564	47.038	nq	100
74) Di-n-butylphthalate	16.55	149	1589363	44.857	nq	99
75) Fluoranthene	17.37	202	1466524	47.147	nq	100
77) Benzidine	17.56	184	380514	35.282	nq	98
78) Pyrene	17.68	202	1496913	45.499	nq	99
80) Butylbenzylphthalate	18.57	149	691806	45.526	nq	98
81) Benzo(a)anthracene	19.26	228	1324129	45.720	nq	99
82) 3,3'-Dichlorobenzidine	19.23	252	312613	32.674	nq	99
83) Chrysene	19.31	228	1203682	46.413	nq	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	913094	43.704	nq	99
85) Di-n-octyl phthalate	20.10	149	1666583	44.905	nq	99
86) Indeno(1,2,3-cd)pyrene	22.72	276	1414466	46.279	nq	99
88) Benzo(b)fluoranthene	20.57	252	1272001	43.872	nq	98
89) Benzo(k)fluoranthene	20.60	252	1241757	44.467	nq	98
90) Benzo(a)pyrene	20.99	252	1231818	46.125	nq	99
91) Dibenzo(a,h)anthracene	22.74	278	1176593	45.020	nq	99
92) Benzo(g,h,i)perylene	23.21	276	1180415	45.740	nq	99

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



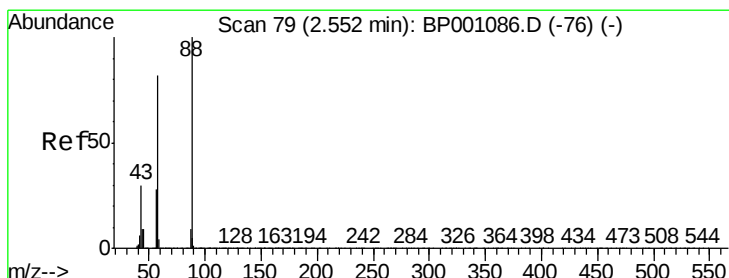
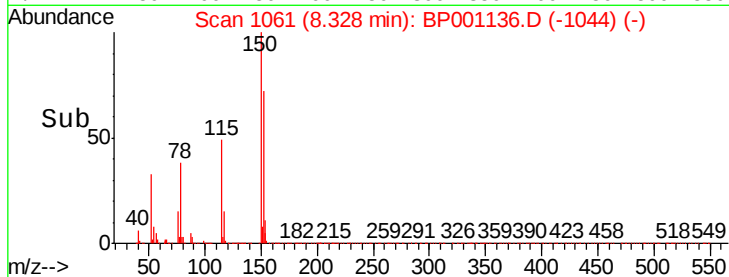
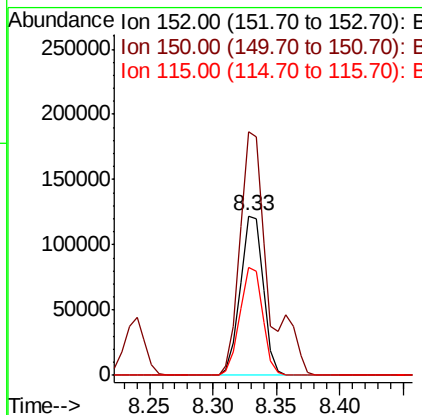
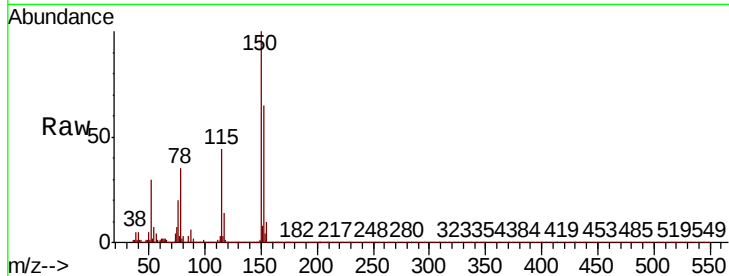
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	120.6	181.0
115	68.0	51.6	77.4

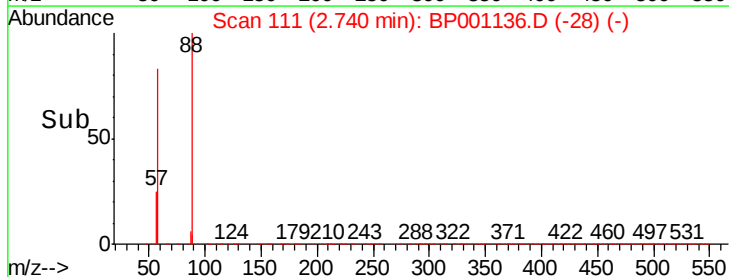
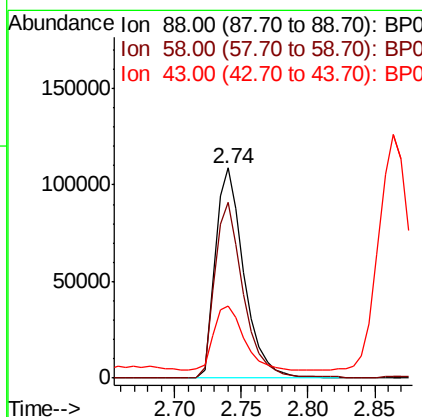
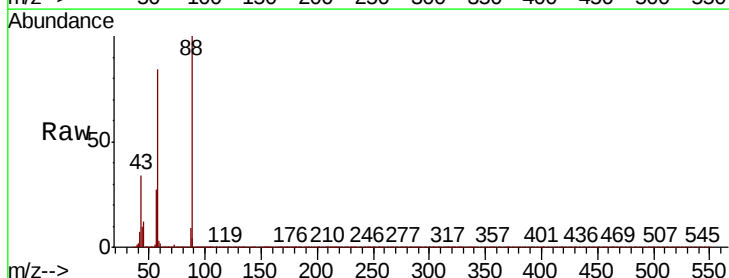
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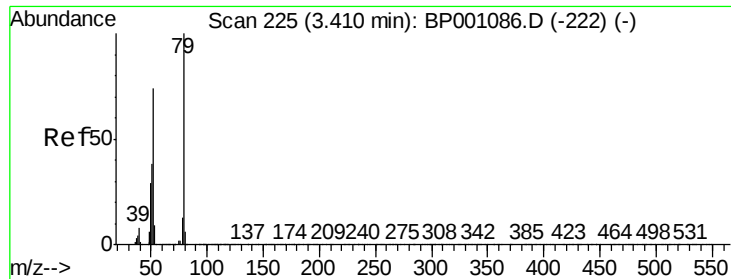
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#2
 1,4-Dioxane
 Concen: 38.457 ng
 RT: 2.74 min Scan# 111
 Delta R.T. 0.19 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	82.8	64.3	96.5
43	0.0	23.8	35.6





#3

Pvridine

Concen: 33.235 ng

RT: 3.56 min Scan# 250

Delta R.T. 0.15 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

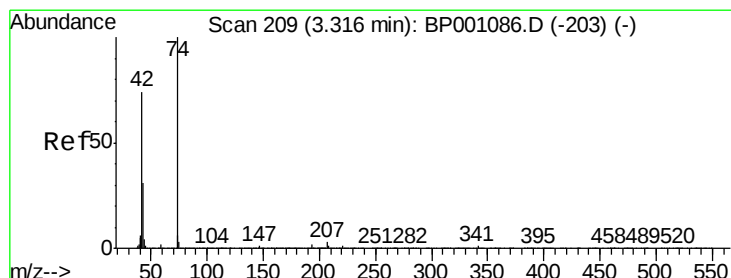
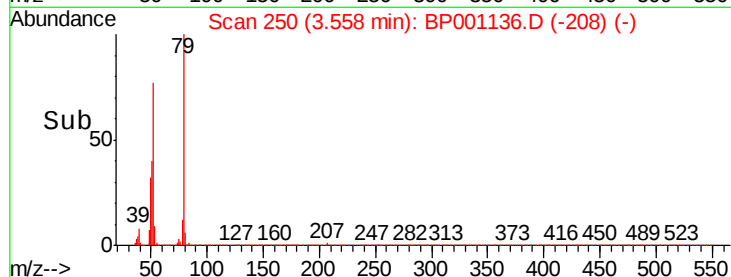
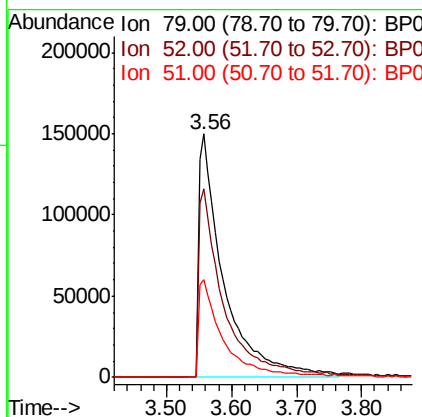
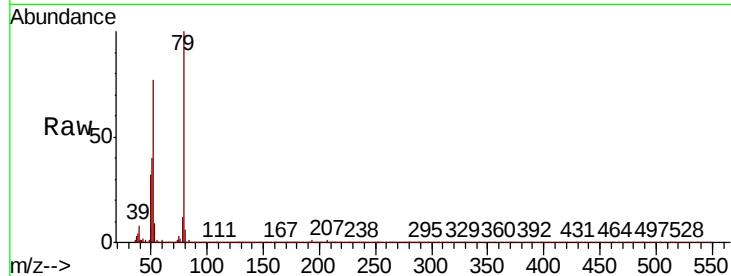
ClientSampleId :

SU-01-112719MSD

Tot Ion:	79	Resp:	394394
Ion Ratio	Lower	Upper	
79	100		
52	77.3	59.4	89.2
51	40.2	30.2	45.4

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#4

n-Nitrosodimethylamine

Concen: 48.533 ng

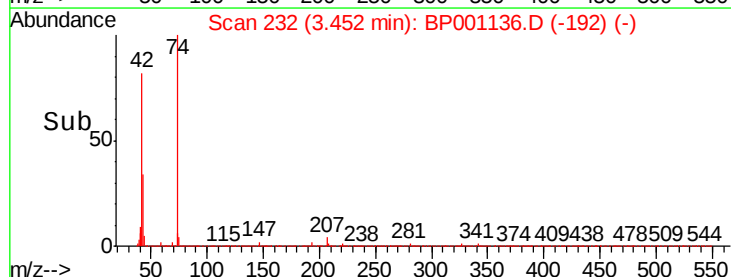
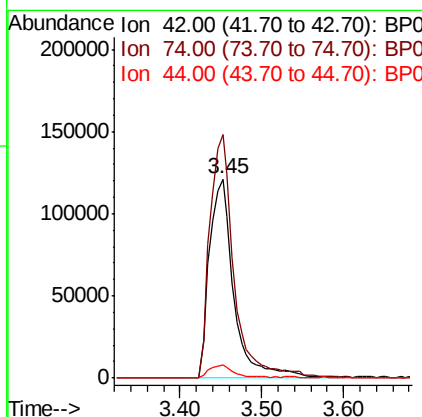
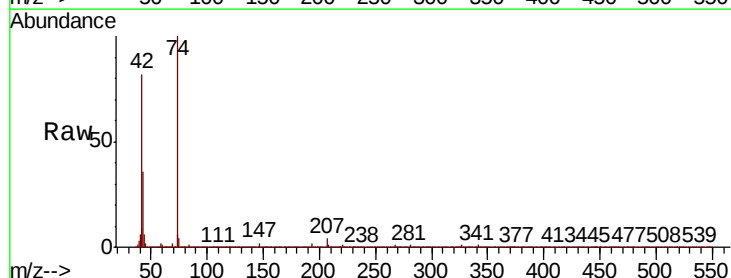
RT: 3.45 min Scan# 232

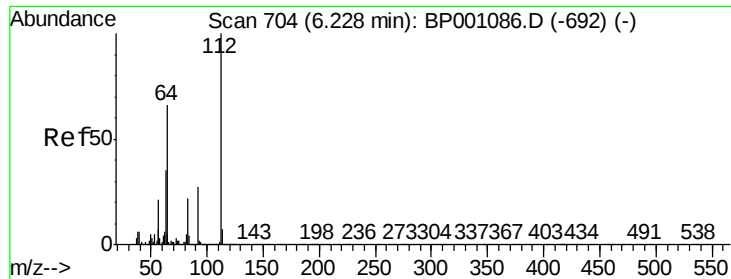
Delta R.T. 0.14 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:	42	Resp:	249226
Ion Ratio	Lower	Upper	
42	100		
74	122.1	108.6	163.0
44	6.8	5.1	7.7





#5

2-Fluorophenol

Concen: 140.459 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.03 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

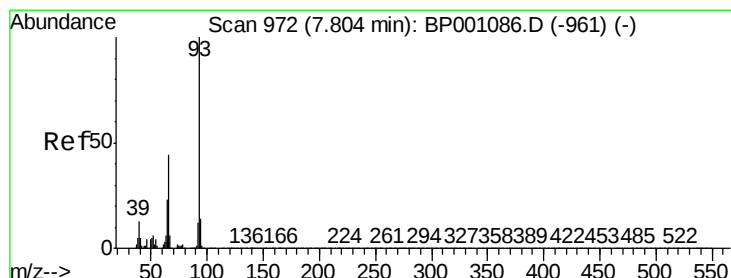
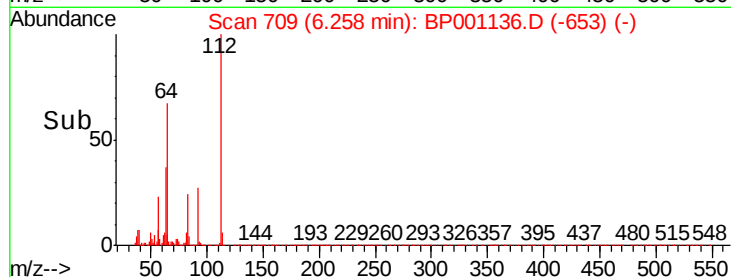
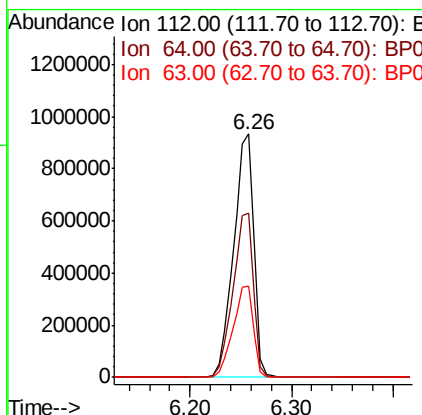
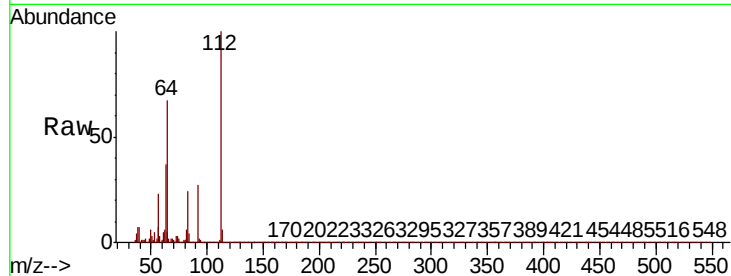
ClientSampleId :

SU-01-112719MSD

Tot Ion:	112	Resp:	1286001
Ion Ratio	Lower	Upper	
112	100		
64	67.4	52.8	79.2
63	37.4	28.2	42.2

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#6

Aniline

Concen: 10.626 ng

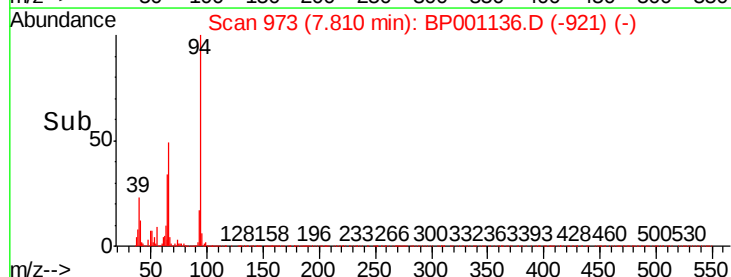
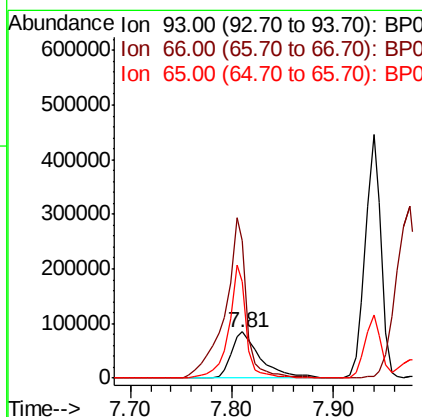
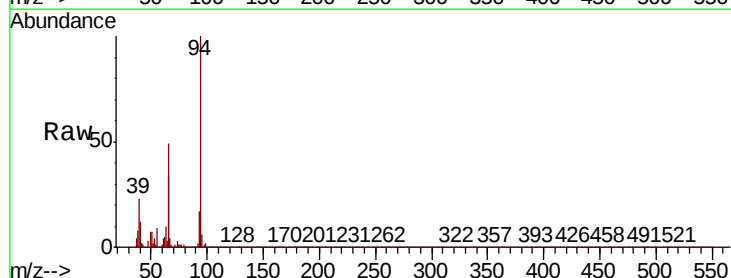
RT: 7.81 min Scan# 973

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:	93	Resp:	171846
Ion Ratio	Lower	Upper	
93	100		
66	296.1	34.9	52.3#
65	206.9	18.5	27.7#





#7

Phenol-d6

Concen: 142.581 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.02 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampleId :

SU-01-112719MSD

Tot Ion: 99 Resp: 1739158

Ion Ratio Lower Upper

99 100

42 20.2 15.4 23.0

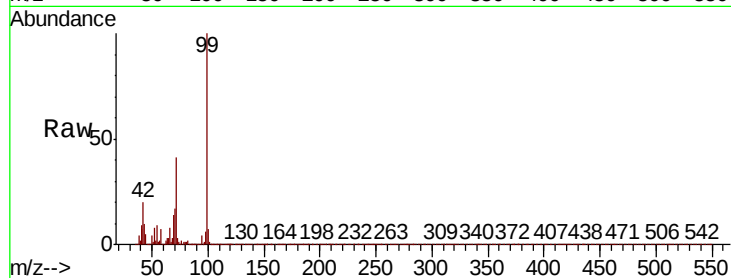
71 41.3 30.8 46.2

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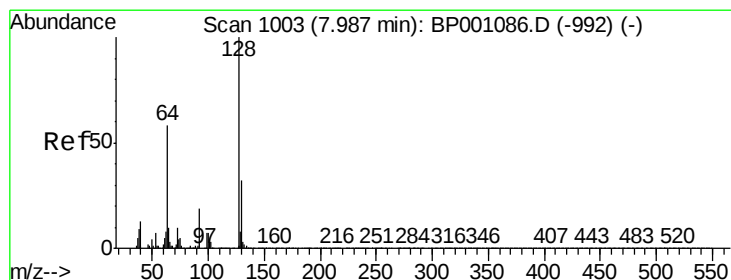
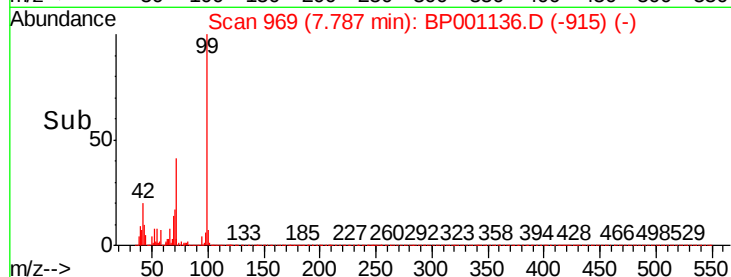
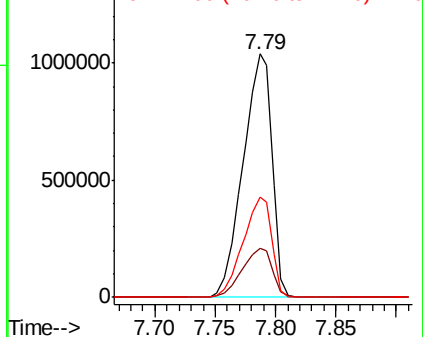
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 47.304 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

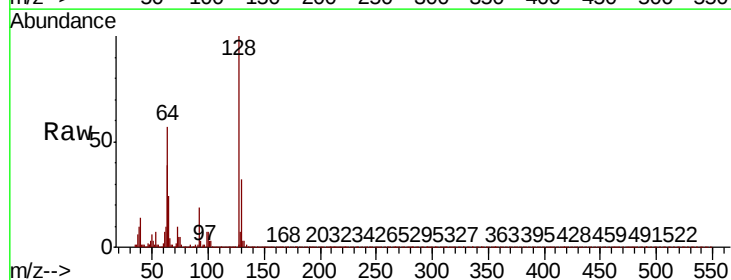
Tgt Ion:128 Resp: 448106

Ion Ratio Lower Upper

128 100

130 31.9 11.7 51.7

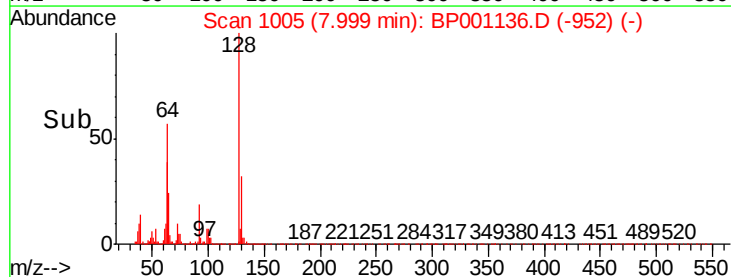
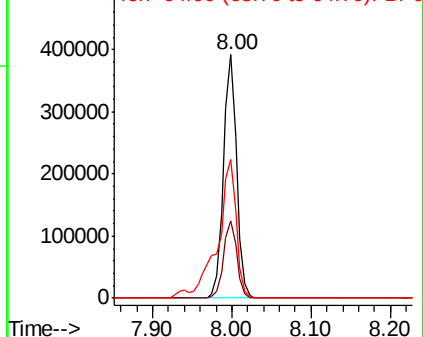
64 57.0 39.7 79.7

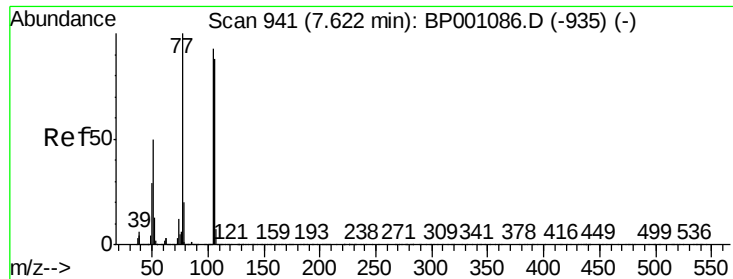


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 22.766 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

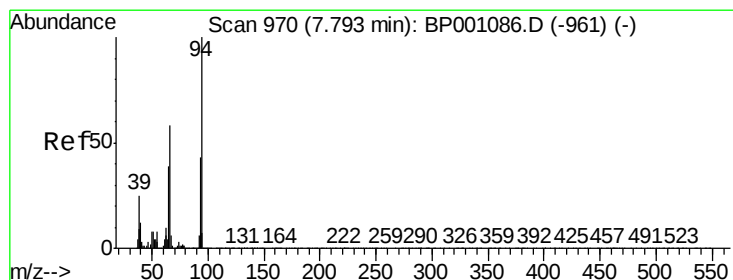
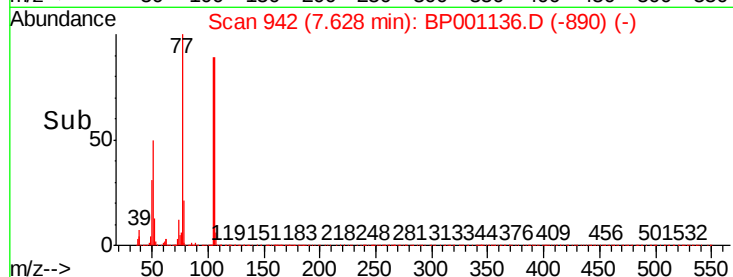
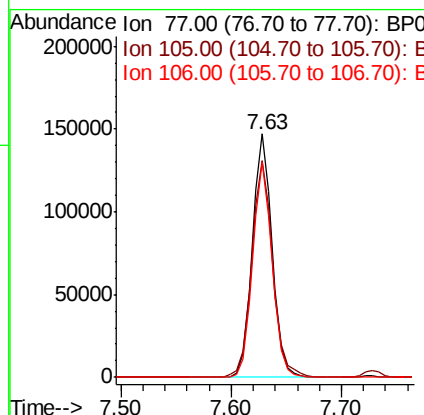
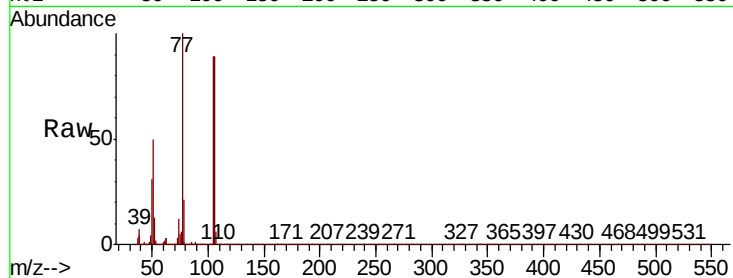
ClientSampleId :

SU-01-112719MSD

Tot Ion:	77	Resp:	184092
Ion Ratio	Lower	Upper	
77	100		
105	89.1	72.5	112.5
106	88.7	67.6	107.6

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#10

Phenol

Concen: 43.428 ng

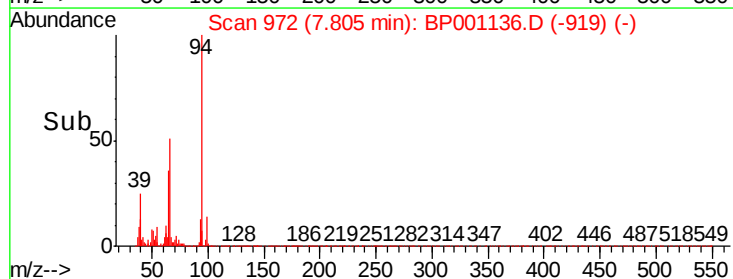
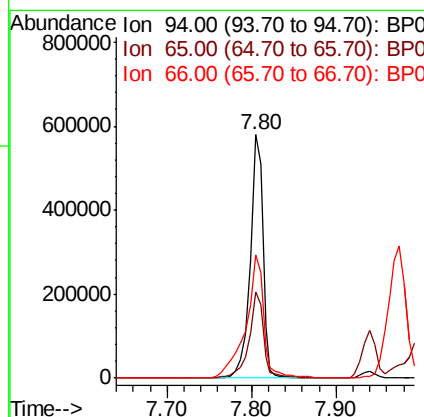
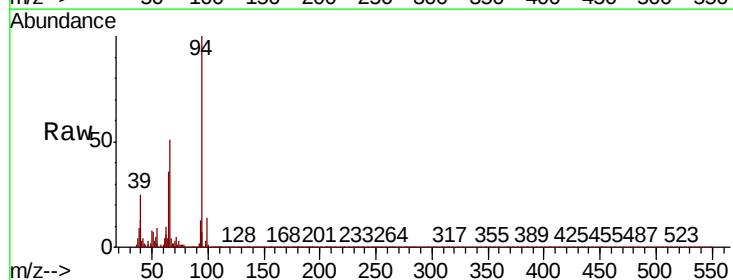
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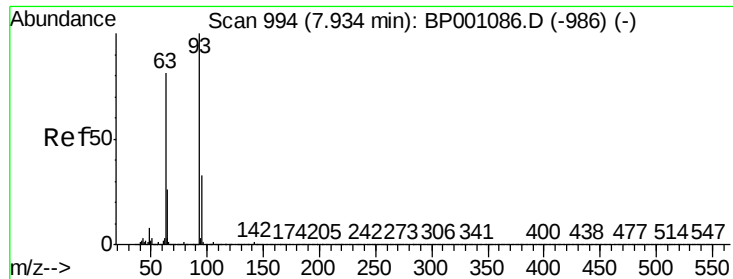
Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:	94	Resp:	602547
Ion Ratio	Lower	Upper	
94	100		
65	35.6	18.6	58.6
66	50.7	37.6	77.6





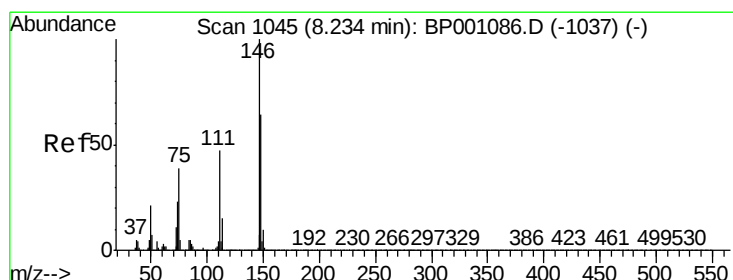
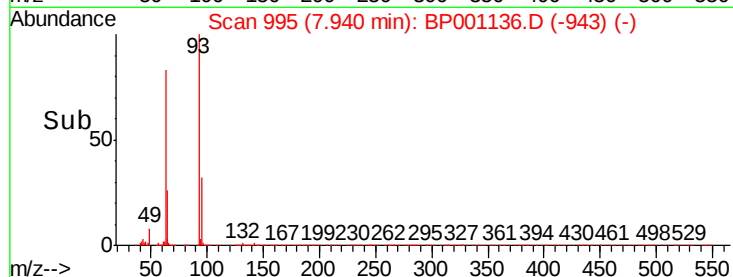
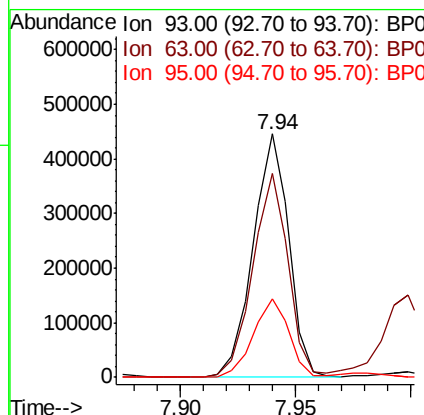
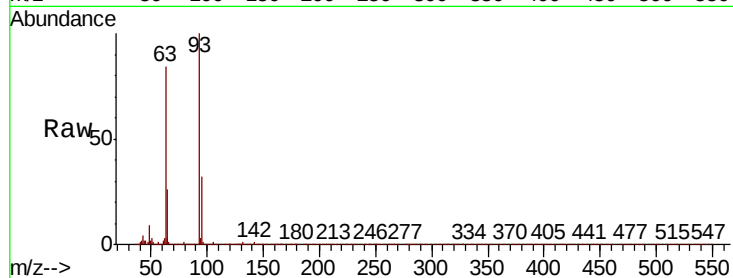
#11
bis(2-Chloroethyl)ether
Concen: 44.507 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		480862		
63	83.6	60.7	100.7		
95	32.3	12.7	52.7		

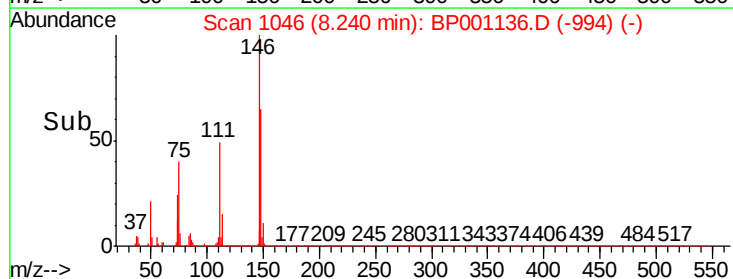
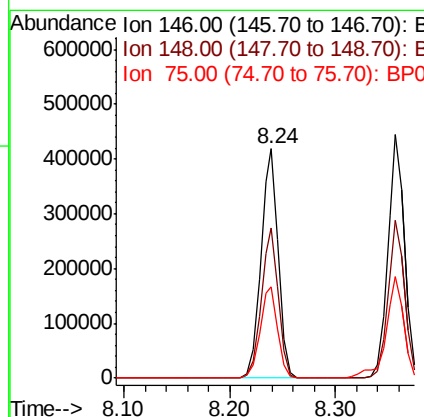
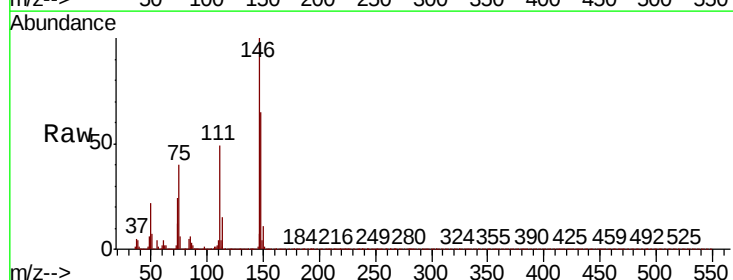
Manual Integrations
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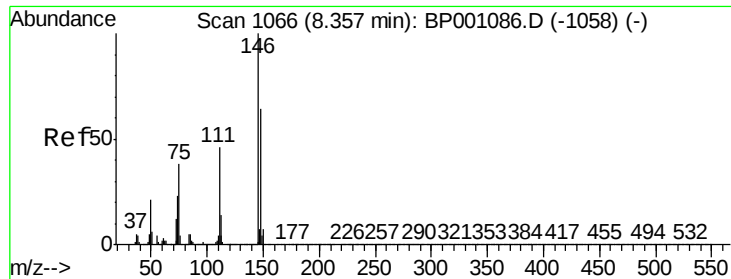
mohammad
12/4/2019 4:59:31 PM



#12
1,3-Dichlorobenzene
Concen: 42.633 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		478674		
148	65.4	51.1	76.7		
75	40.0	31.3	46.9		





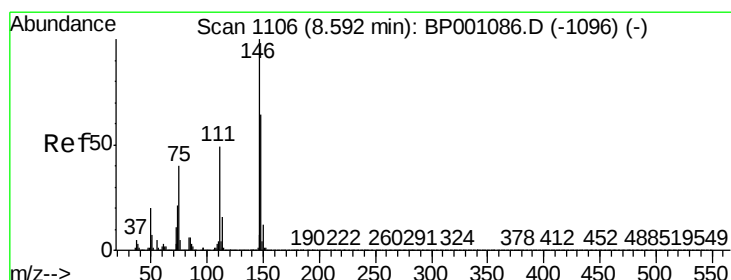
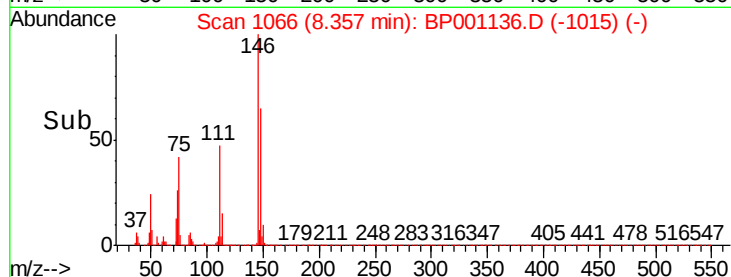
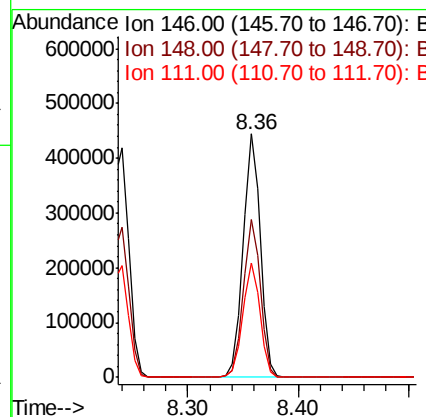
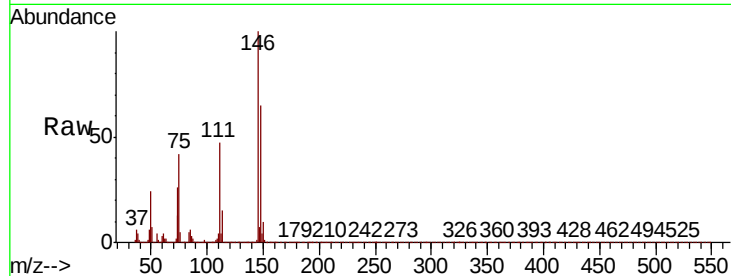
#13
1,4-Dichlorobenzene
Concen: 43.126 ng
RT: 8.36 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		487778		
148	64.6	51.6	77.4		
111	47.1	37.0	55.6		

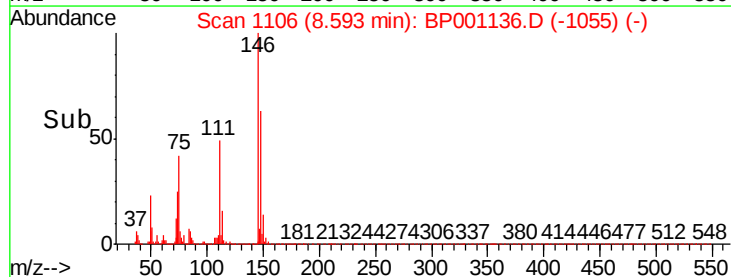
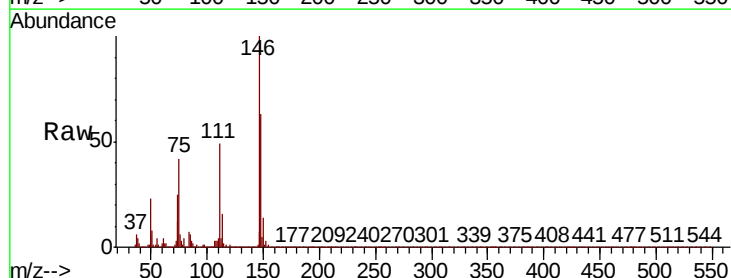
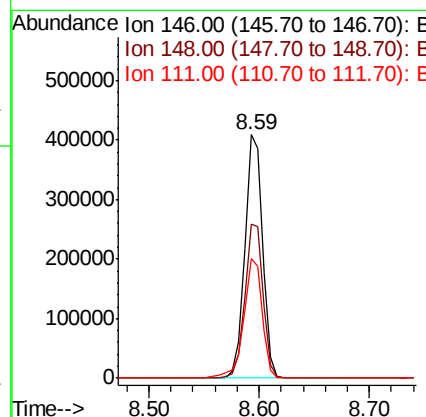
Manual Integrations
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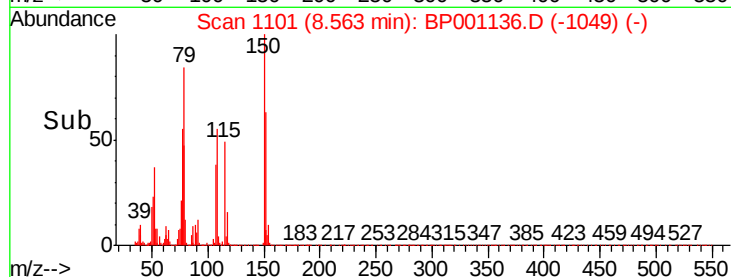
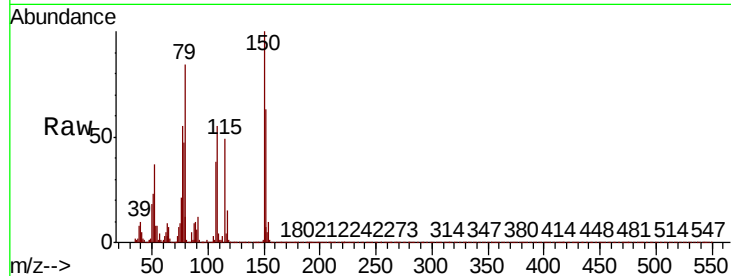
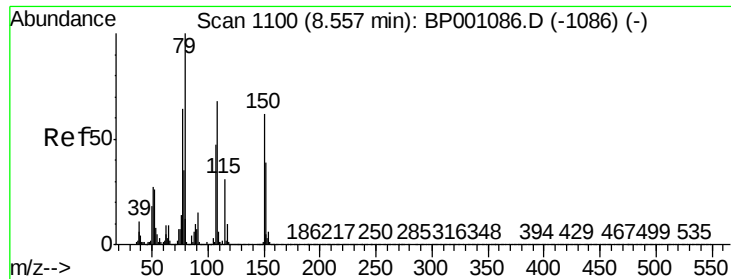
mohammad
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#14
1,2-Dichlorobenzene
Concen: 43.237 ng
RT: 8.59 min Scan# 1106
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		460249		
148	63.1	51.5	77.3		
111	49.1	39.3	58.9		





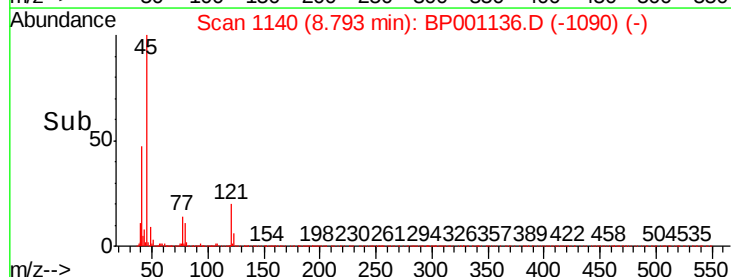
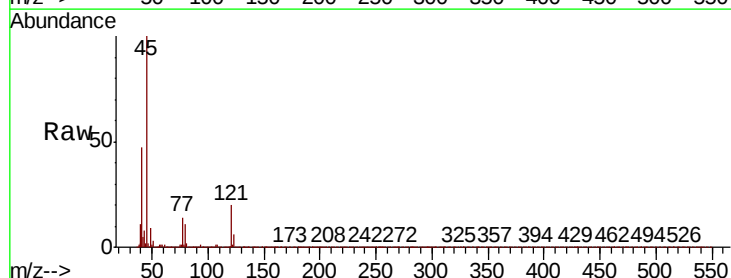
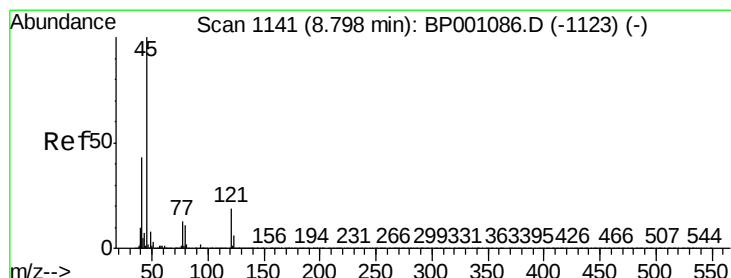
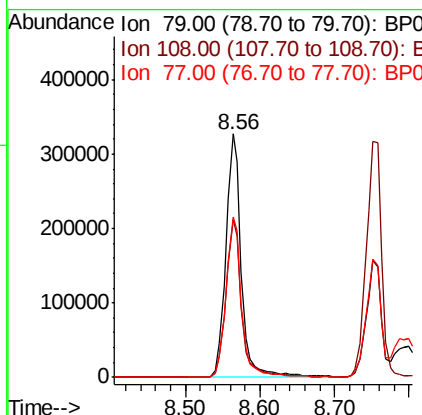
#15
Benzyl Alcohol
Concen: 47.488 ng
RT: 8.56 min Scan# 1101
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tot Ion	Ratio	Lower	Upper
79	100		
108	65.0	54.8	82.2
77	65.7	51.4	77.2

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

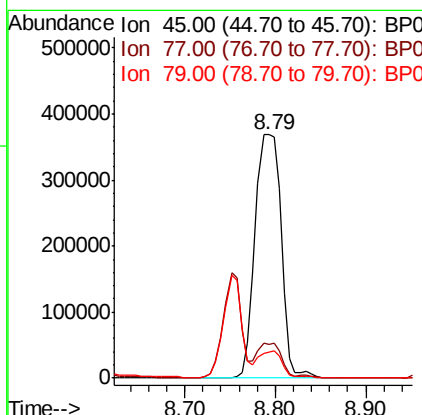
Manual Integrations
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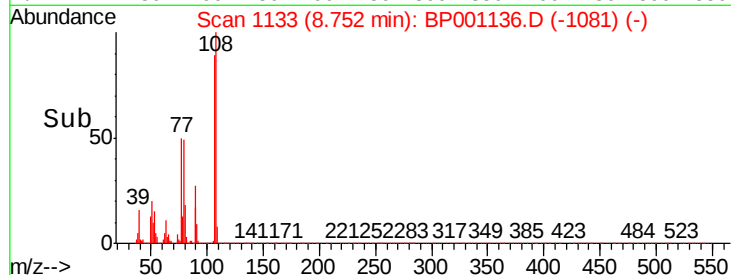
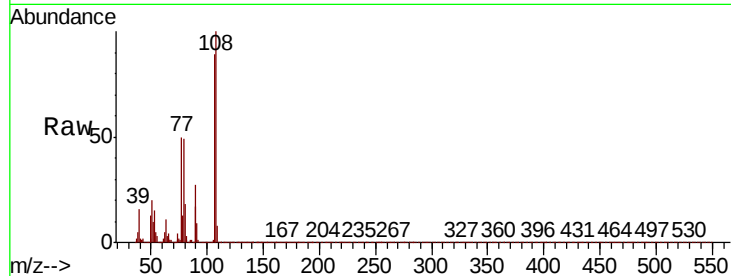
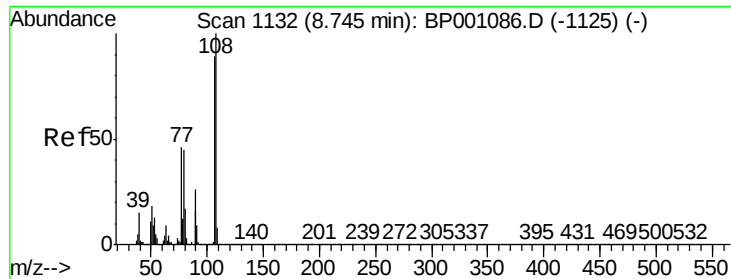
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.606 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

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





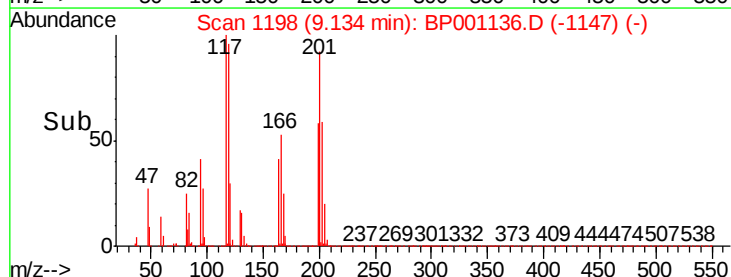
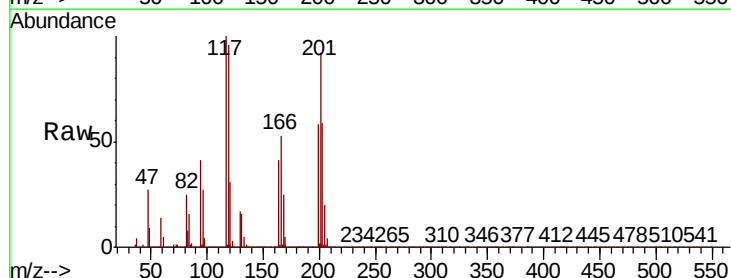
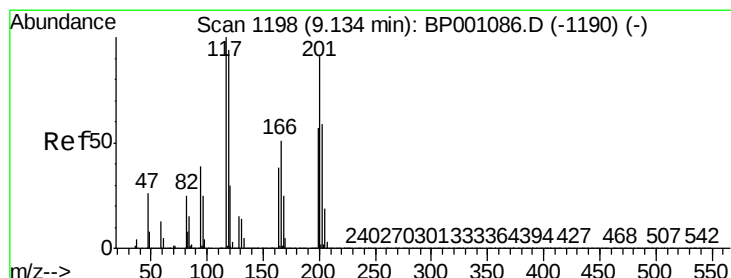
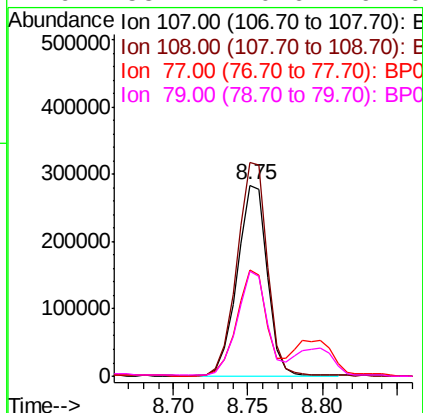
#17
2-Methylphenol
Concen: 45.520 ng
RT: 8.75 min Scan# 1133
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	89.8	134.6	
77	56.0	41.4	62.2	
79	55.2	40.6	61.0	

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

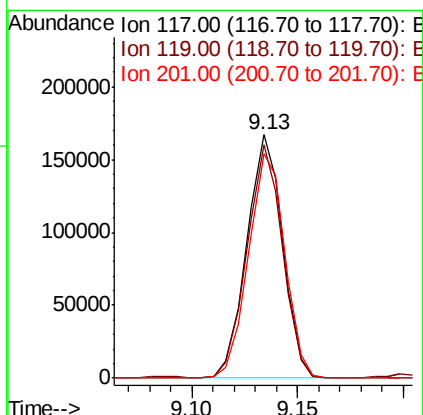
Manual Integrations
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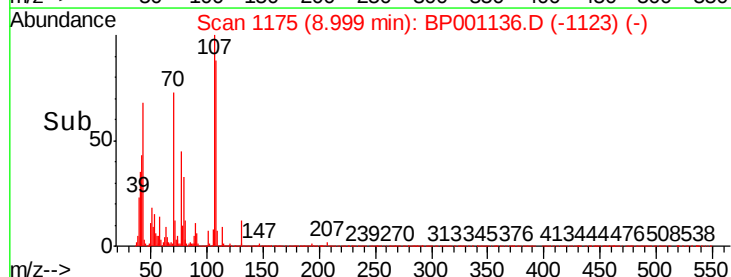
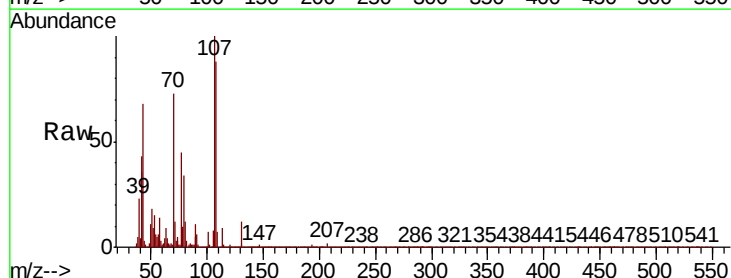
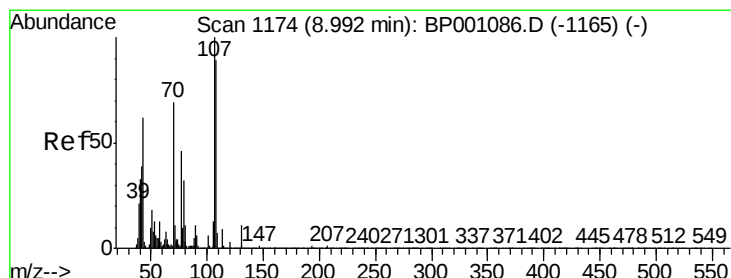
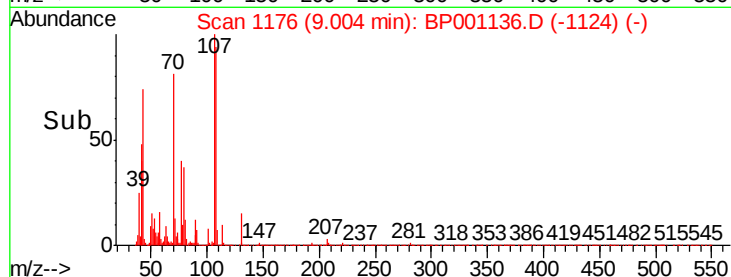
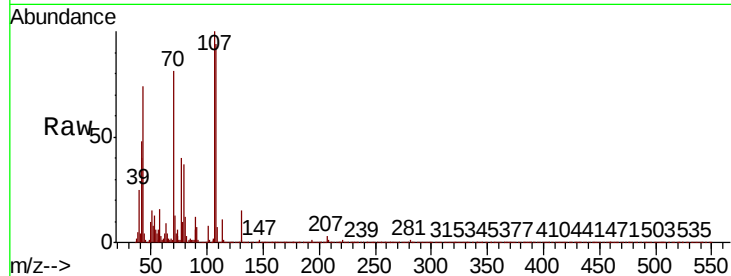
mohammad
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#18
Hexachloroethane
Concen: 42.085 ng
RT: 9.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	75.2	112.8	
201	92.4	72.5	108.7	





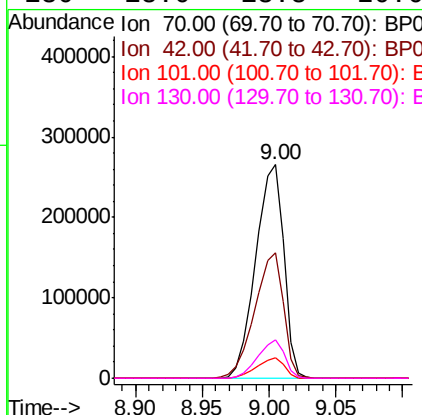
#19
n-Nitroso-di-n-propylamine
Concen: 43.722 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.8	44.6	66.8
101	9.7	7.1	10.7
130	18.0	13.8	20.6

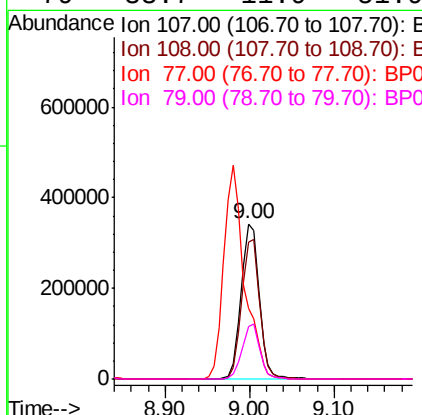
Manual Integrations
APPROVED

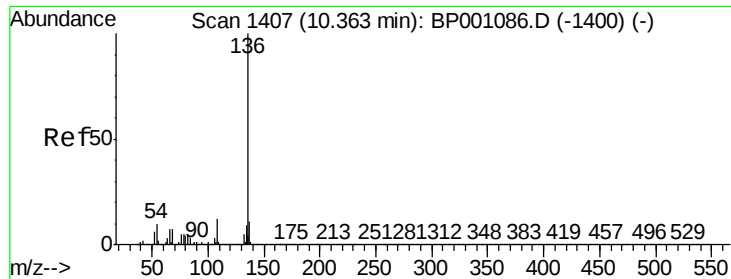
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#20
3+4-Methylphenols
Concen: 45.862 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.9	108.9
77	45.3	25.9	65.9
79	33.7	11.9	51.9





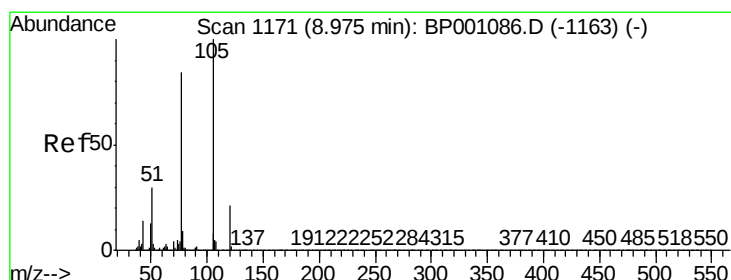
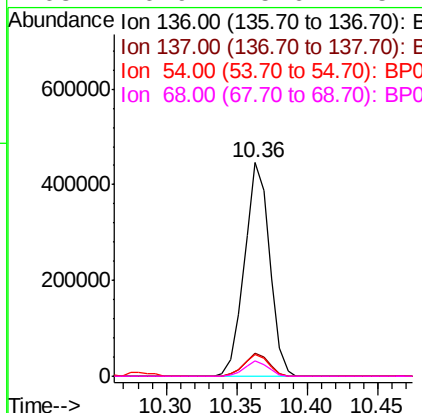
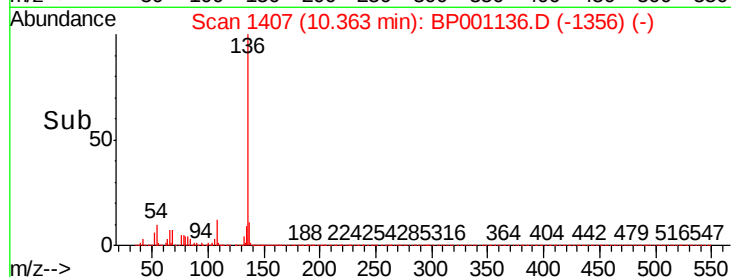
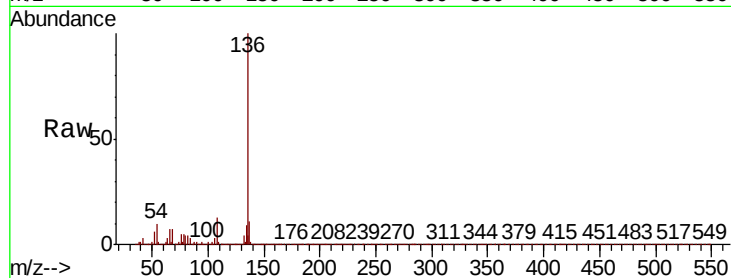
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.7	8.8	13.2
54	10.1	7.9	11.9
68	6.9	5.6	8.4

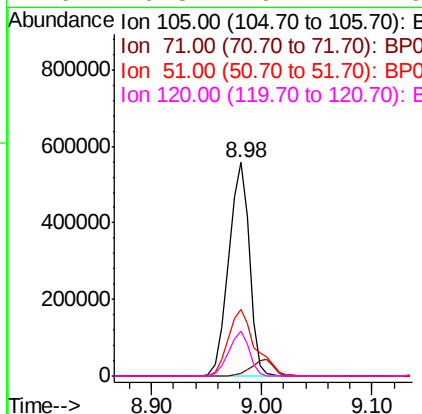
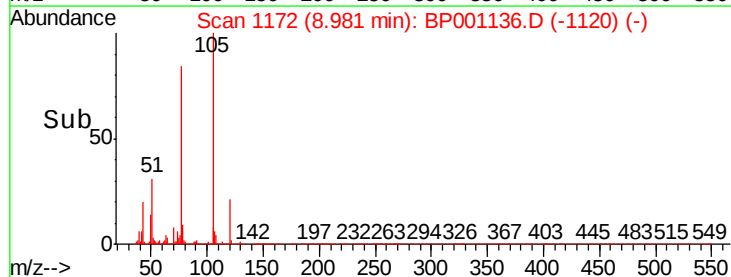
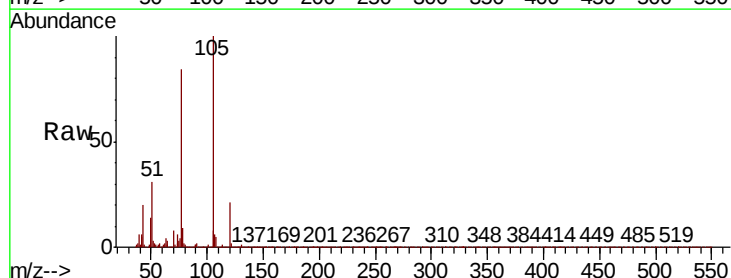
Manual Integrations
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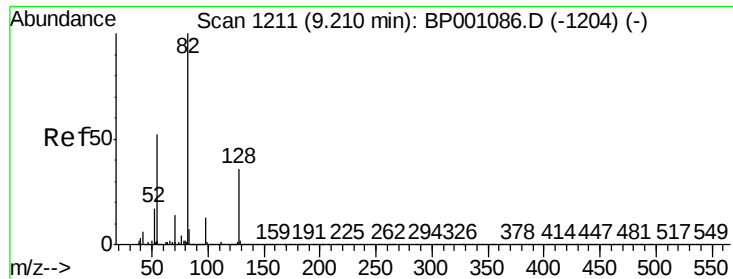
mohammad
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#22
Acetophenone
Concen: 44.893 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	1.4	0.5	0.7#
51	31.4	24.2	36.4
120	20.8	16.4	24.6





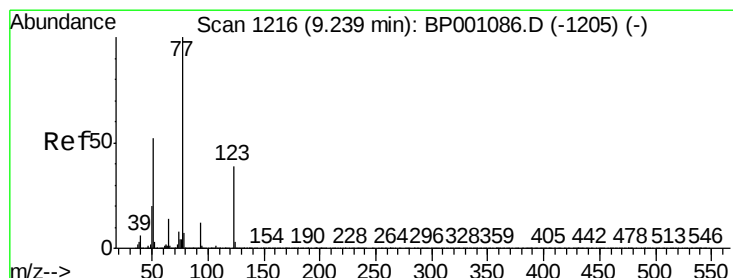
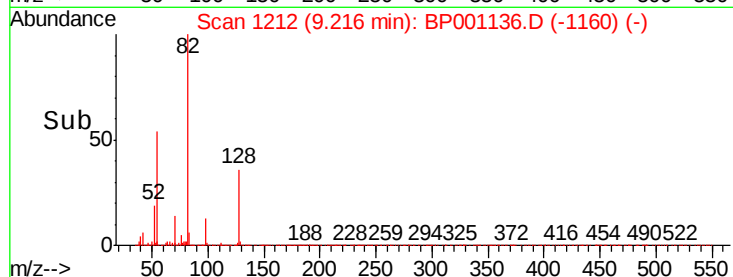
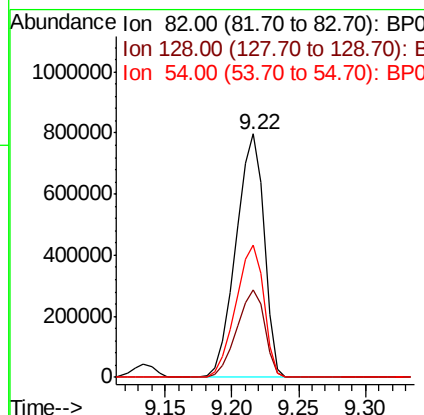
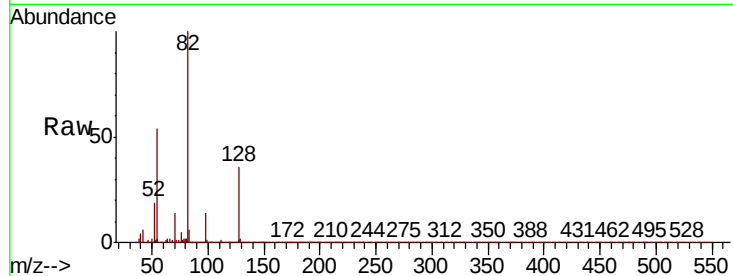
#23
 Nitrobenzene-d5
 Concen: 91.167 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.8	28.9	43.3
54	54.1	41.9	62.9

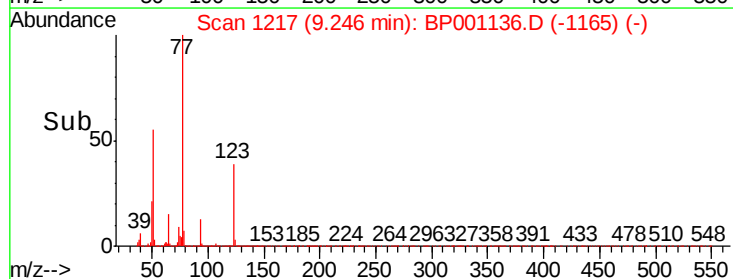
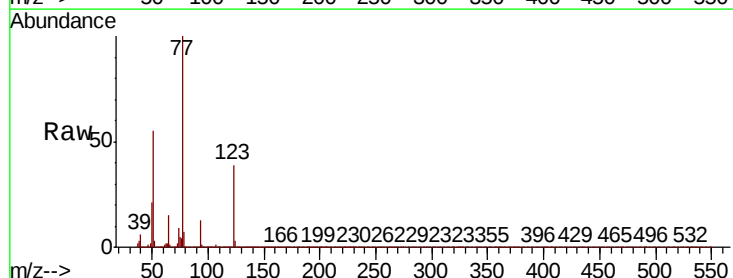
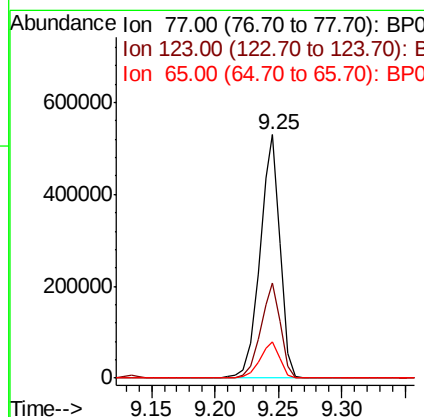
Manual Integrations
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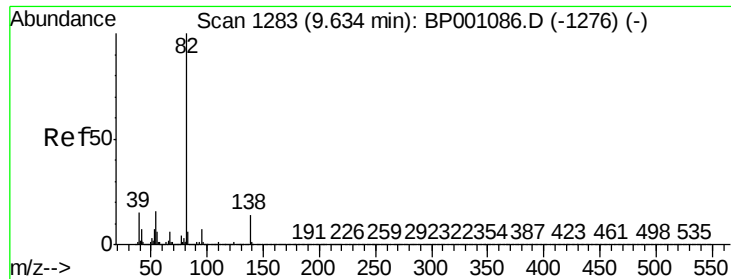
mohammad
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#24
 Nitrobenzene
 Concen: 45.868 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.01 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	31.0	46.4
65	14.7	11.0	16.6





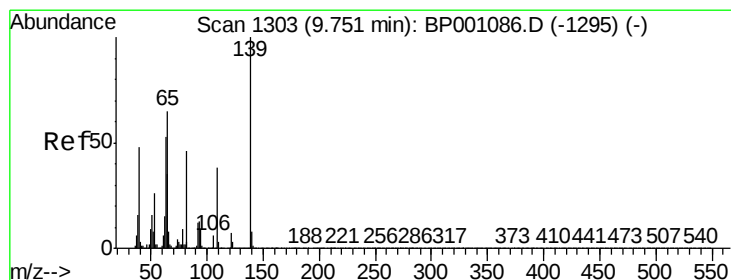
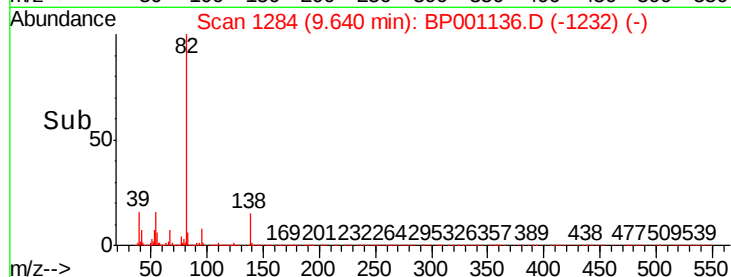
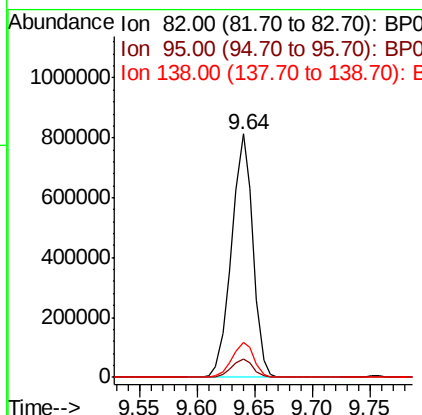
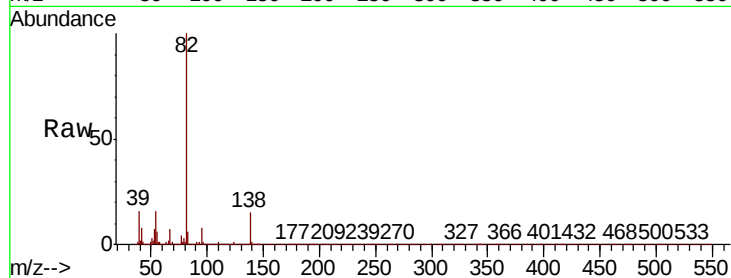
#25
Isophorone
Concen: 45.376 ng
RT: 9.64 min Scan# 1284
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion: 82 Resp: 1040684
Ion Ratio Lower Upper
82 100
95 7.7 5.7 8.5
138 14.5 11.3 16.9

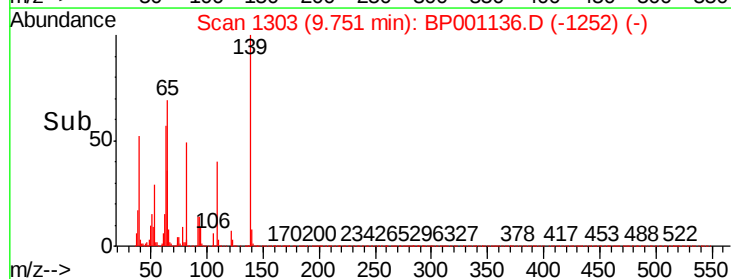
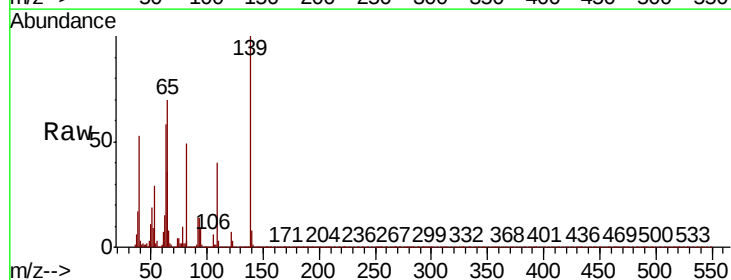
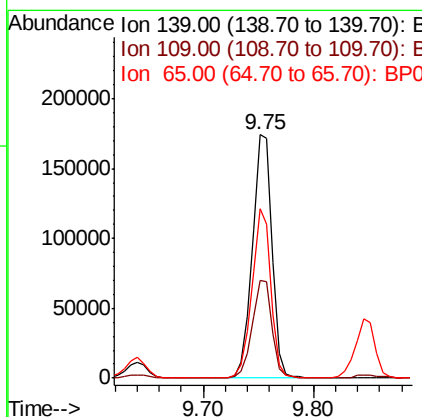
Manual Integrations
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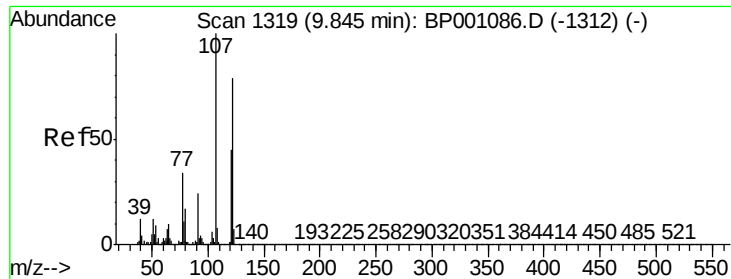
mohammad
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#26
2-Nitrophenol
Concen: 46.683 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion: 139 Resp: 217470
Ion Ratio Lower Upper
139 100
109 40.4 30.6 45.8
65 69.7 51.8 77.8





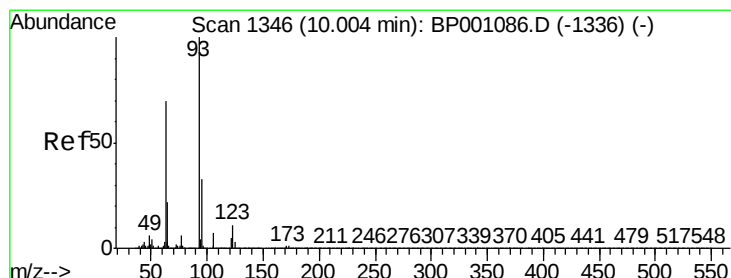
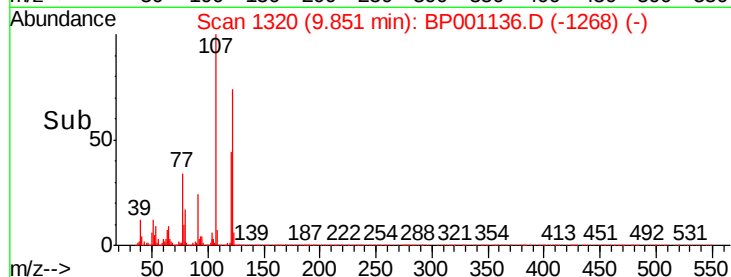
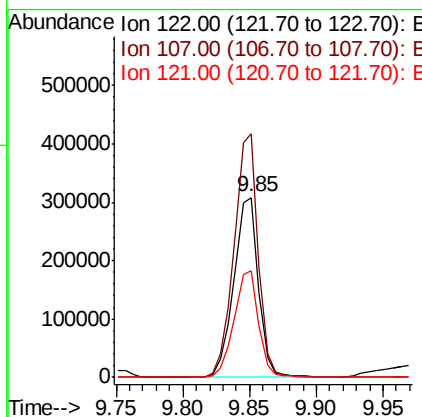
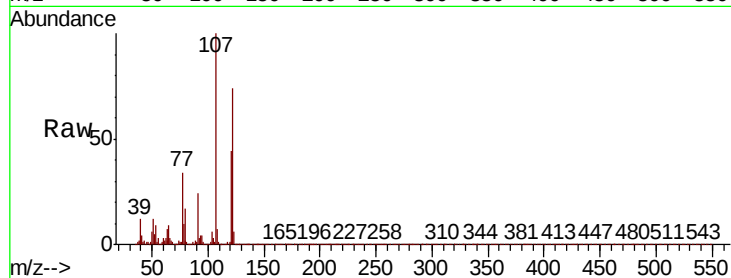
#27
2,4-Dimethylphenol
Concen: 53.969 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	135.2	101.9	152.9	
121	59.5	46.1	69.1	

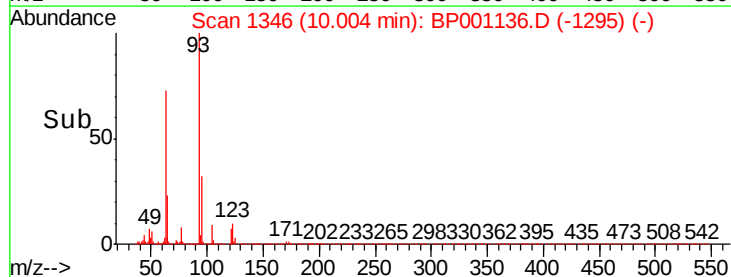
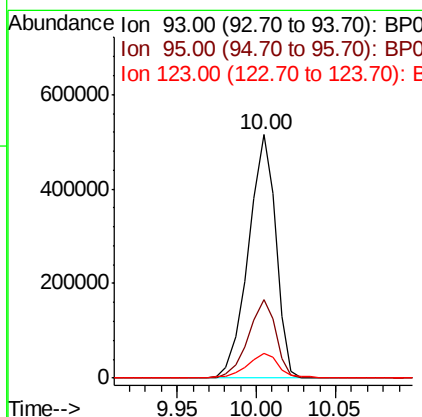
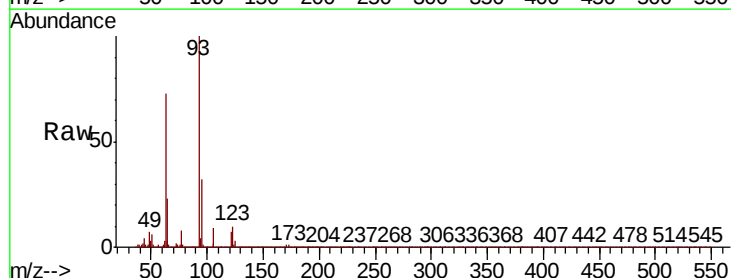
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#28
bis(2-Chloroethoxy)methane
Concen: 43.045 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.2	26.0	39.0	
123	10.3	8.9	13.3	





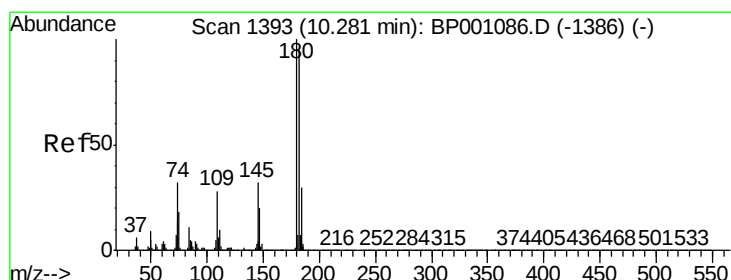
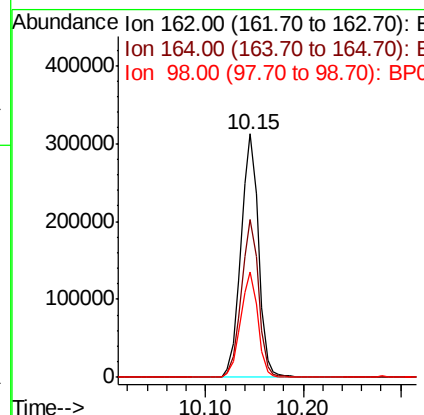
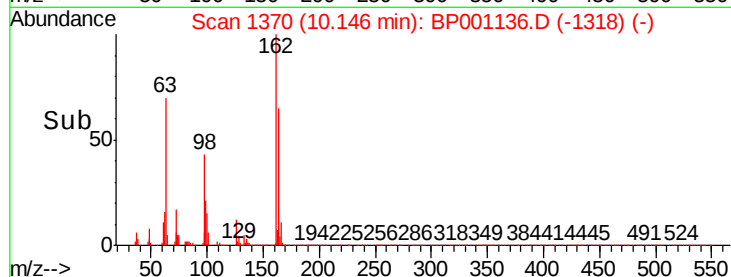
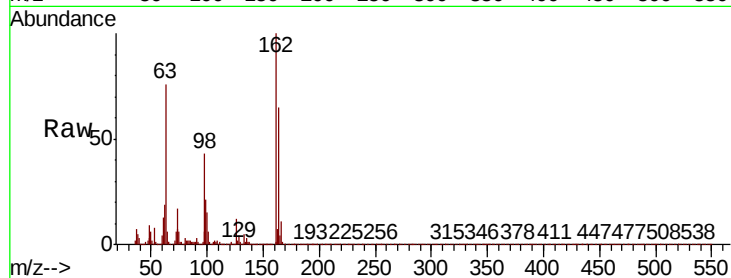
#29
2,4-Dichlorophenol
Concen: 46.494 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	390470		
164	64.9	45.1	85.1	
98	43.4	23.4	63.4	

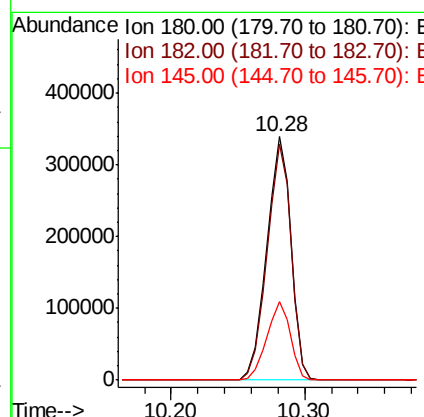
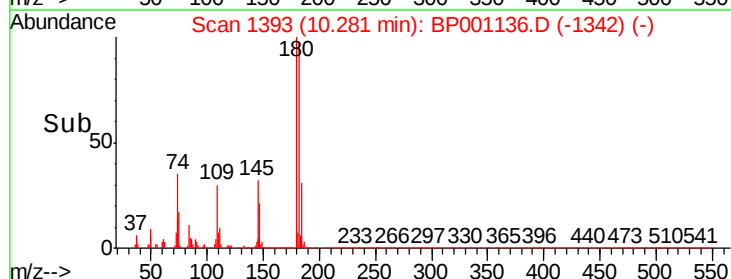
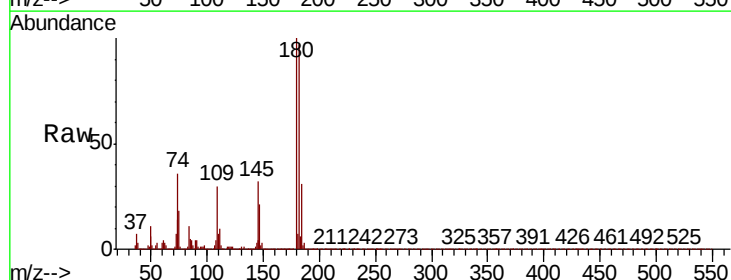
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#30
1,2,4-Trichlorobenzene
Concen: 43.159 ng
RT: 10.28 min Scan# 1393
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	423348		
182	96.8	76.3	114.5	
145	32.0	25.4	38.2	





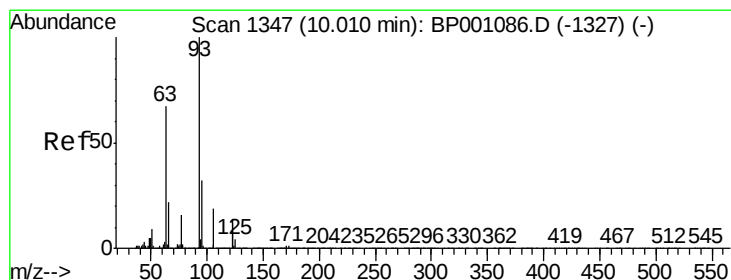
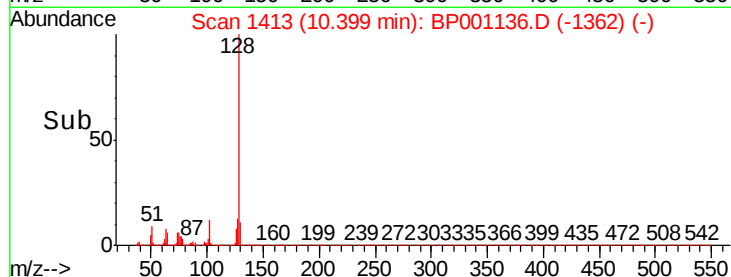
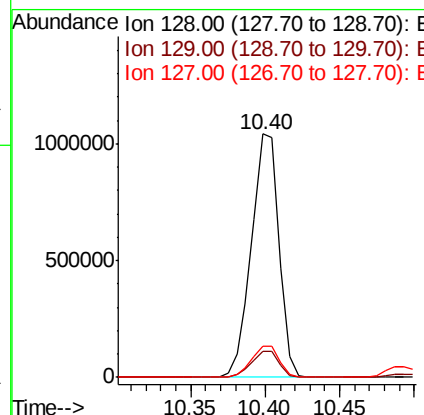
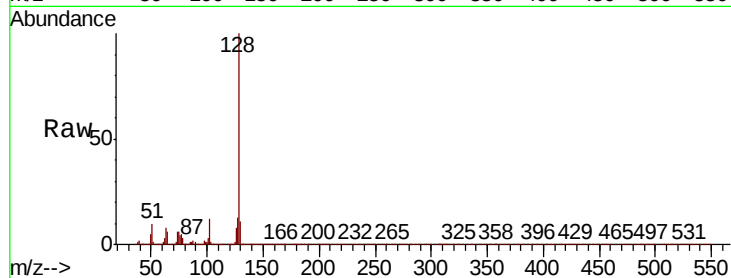
#31
Naphthalene
Concen: 46.722 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

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

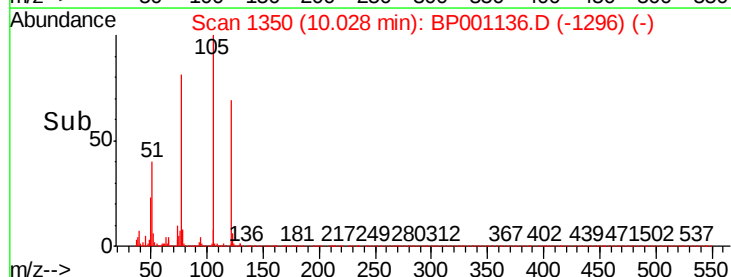
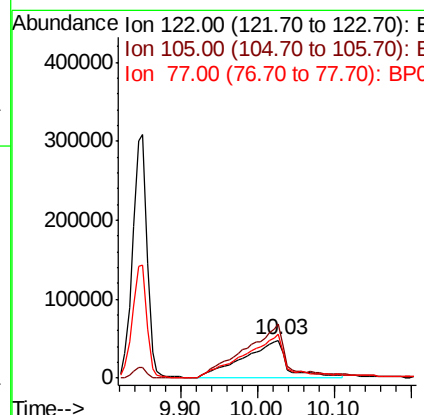
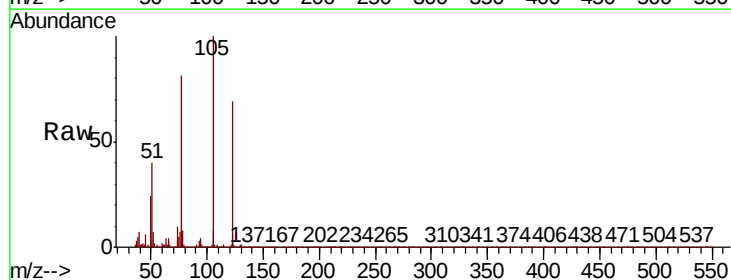
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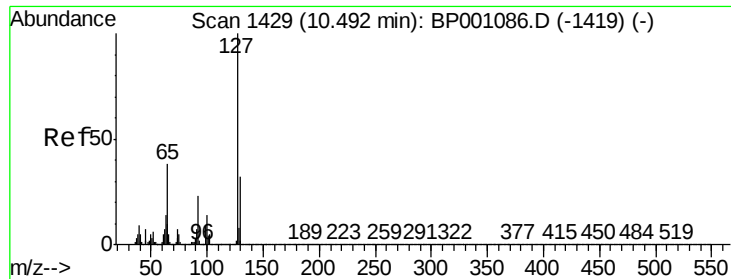
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#32
Benzoic acid
Concen: 34.251 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	145.0	116.8	156.8
77	117.3	95.0	135.0





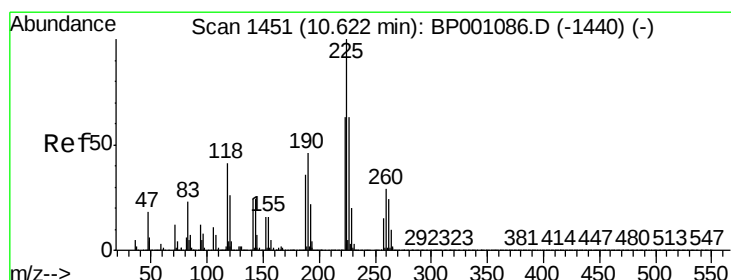
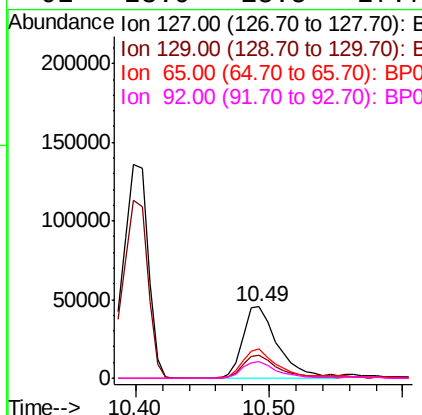
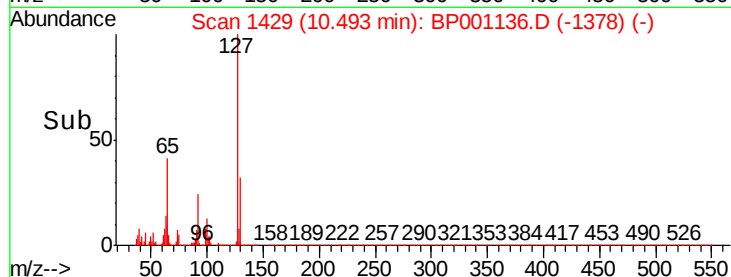
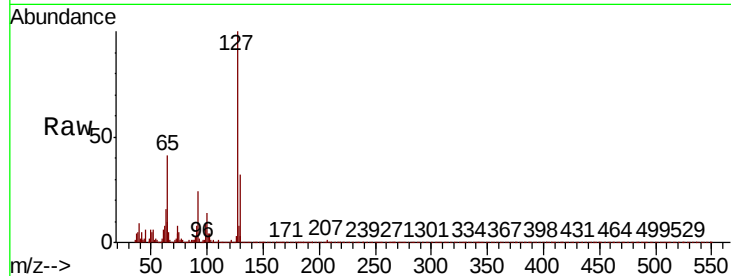
#33
4-Chloroaniline
Concen: 6.668 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.7	25.5	38.3		
65	41.1	30.6	46.0		
92	23.9	18.5	27.7		

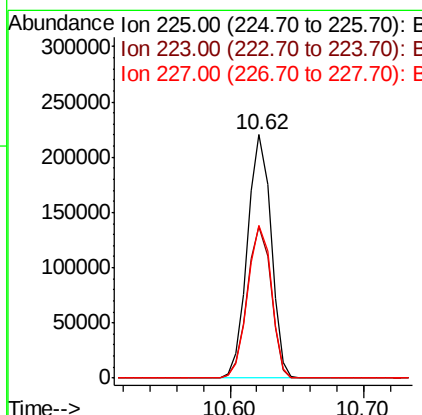
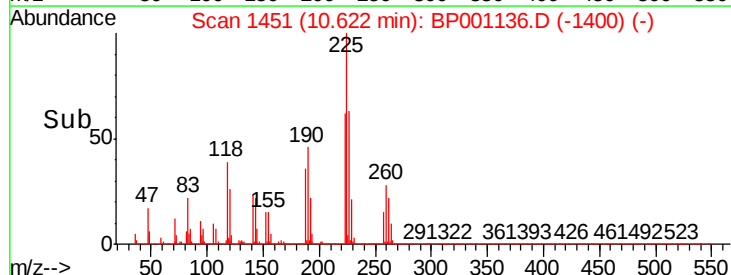
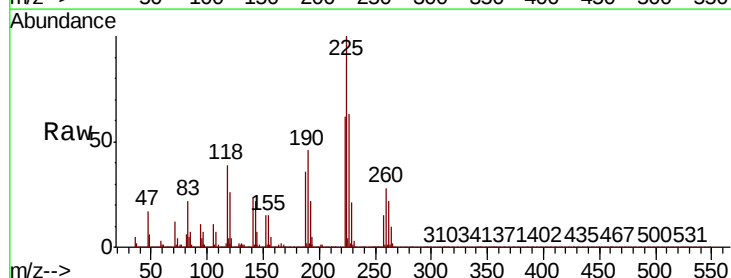
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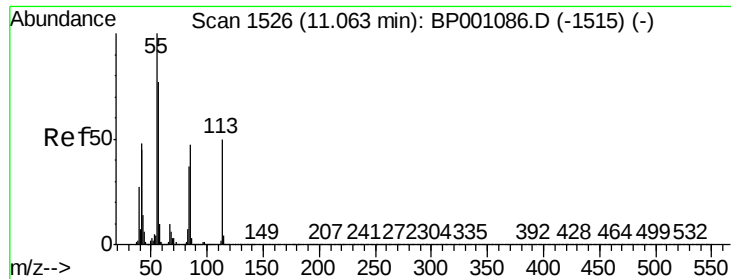
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#34
Hexachlorobutadiene
Concen: 43.276 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.0	50.0	75.0		
227	62.6	50.0	75.0		





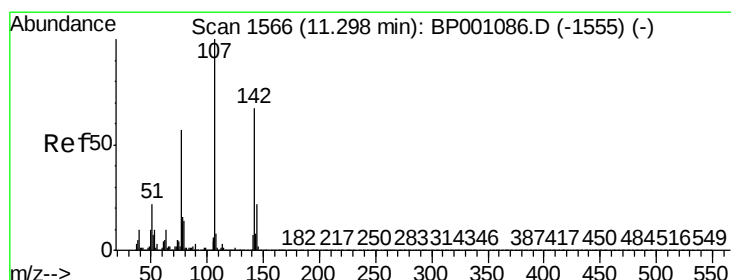
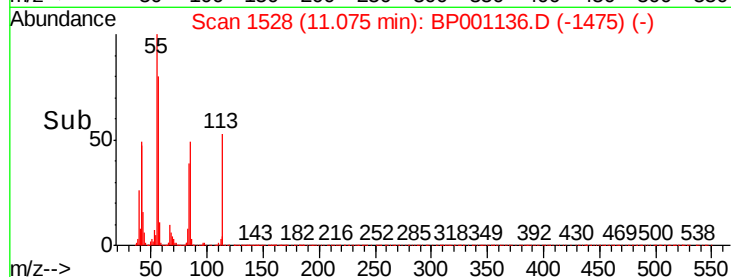
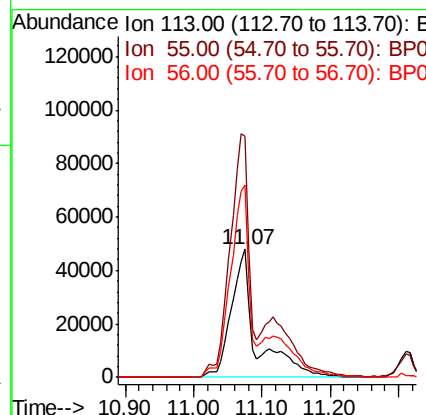
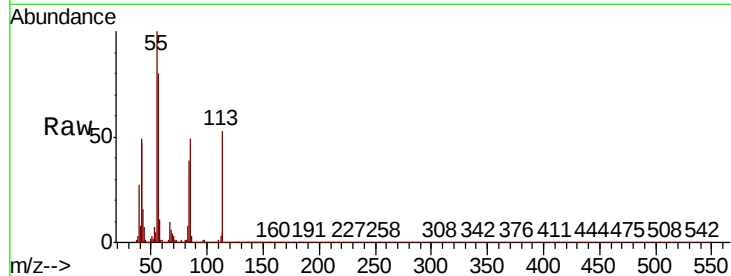
#35
 Caprolactam
 Concen: 42.602 ng/ml
 RT: 11.07 min Scan# 1528
 Delta R.T. 0.01 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	187.9	181.2	221.2
56	150.1	134.7	174.7

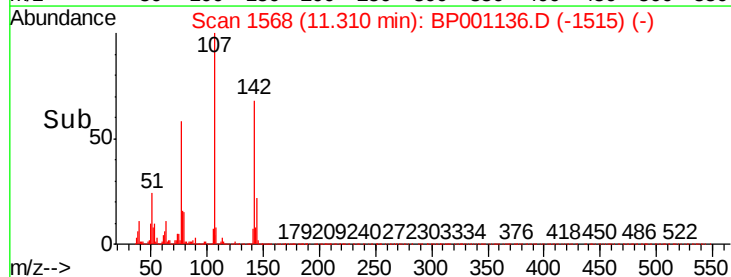
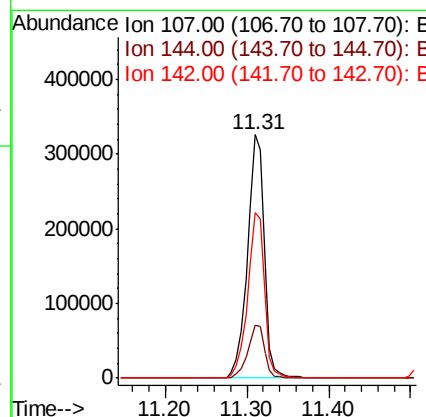
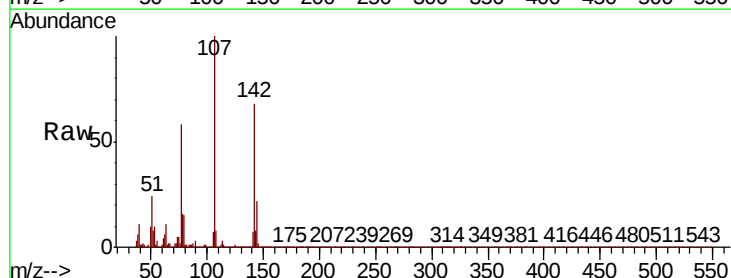
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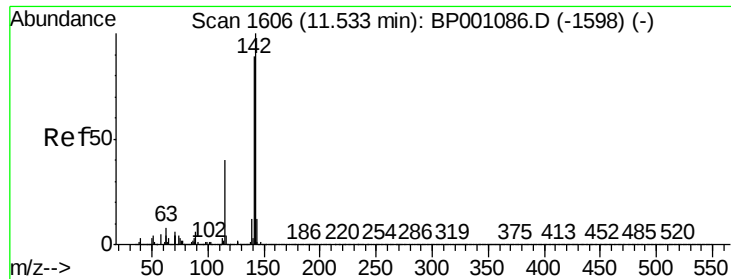
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#36
 4-Chloro-3-methylphenol
 Concen: 46.332 ng/ml
 RT: 11.31 min Scan# 1568
 Delta R.T. 0.01 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.6	17.5	26.3
142	67.8	53.3	79.9





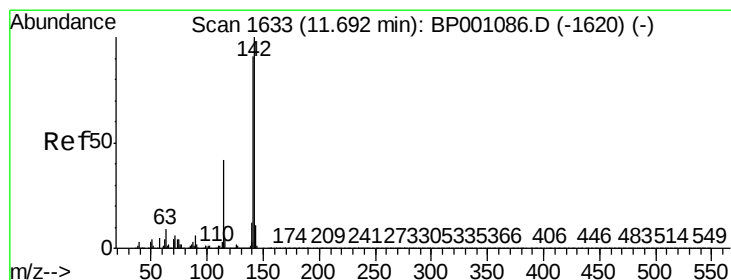
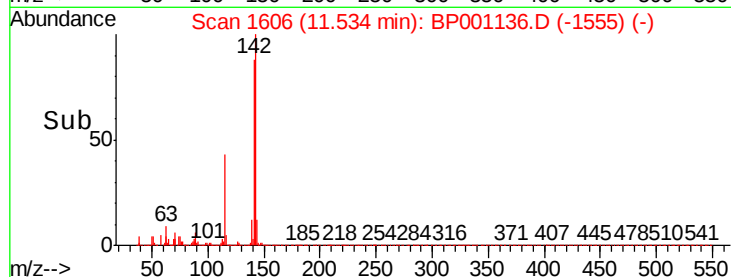
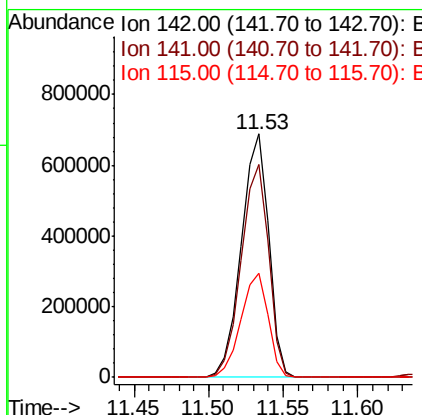
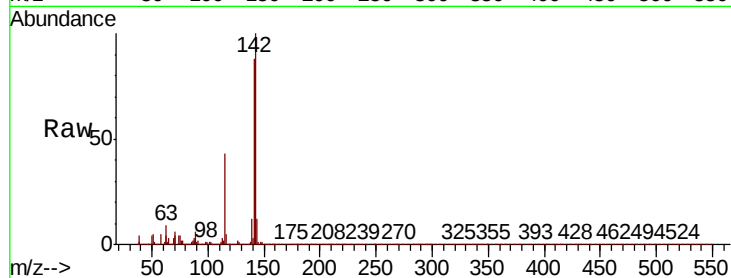
#37
2-Methylnaphthalene
Concen: 45.278 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.1	106.7
115	42.7	32.3	48.5

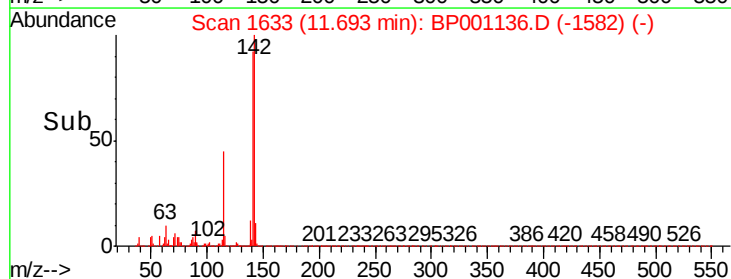
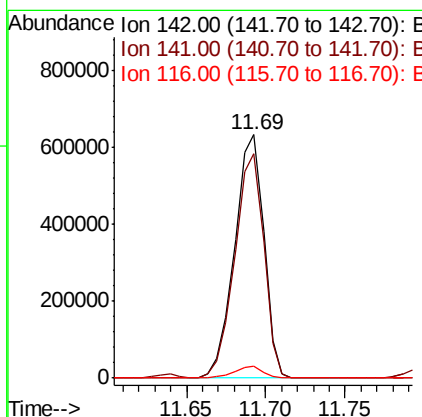
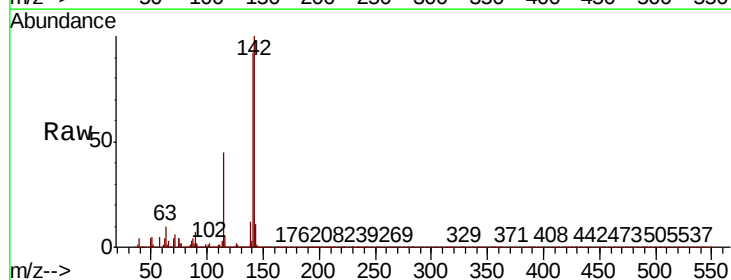
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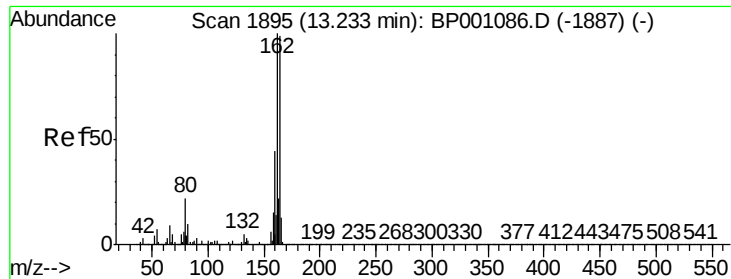
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#38
1-Methylnaphthalene
Concen: 44.376 ng
RT: 11.69 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.0	109.4
116	4.6	3.4	5.2





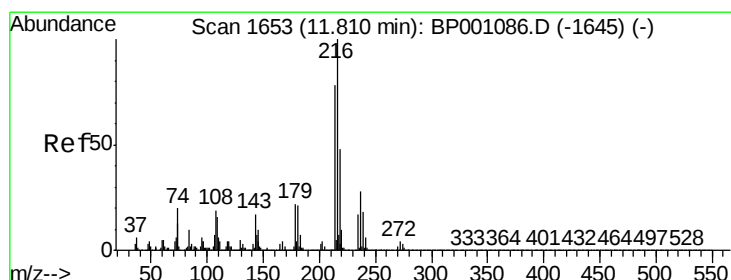
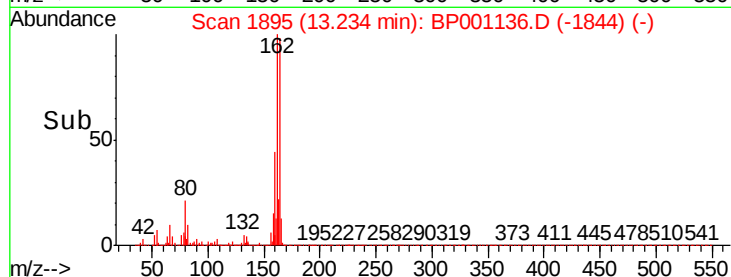
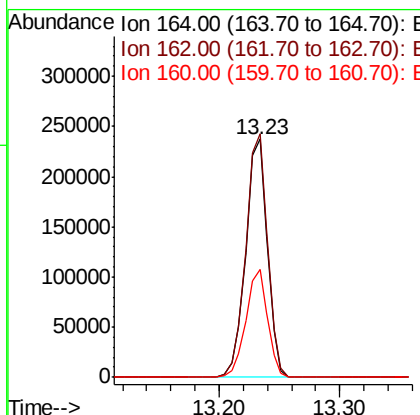
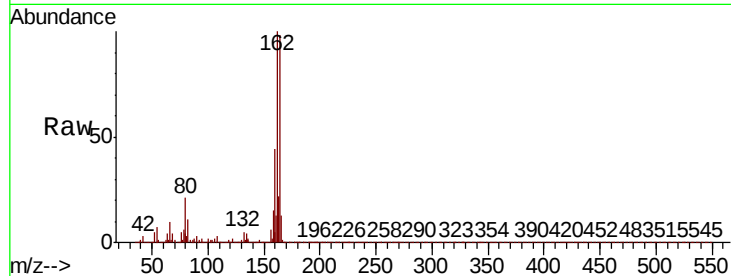
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.23 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	298255		
162	102.3	80.6	120.8	
160	45.1	35.4	53.2	

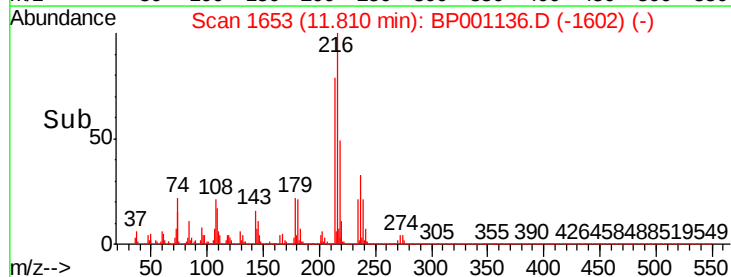
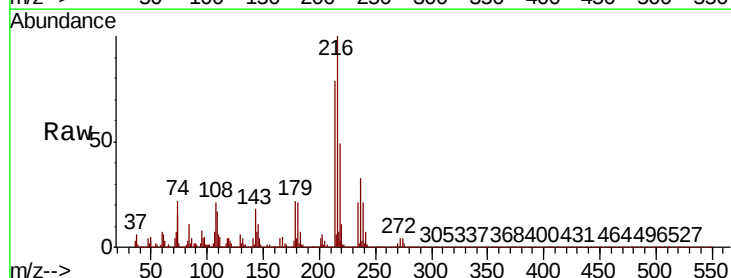
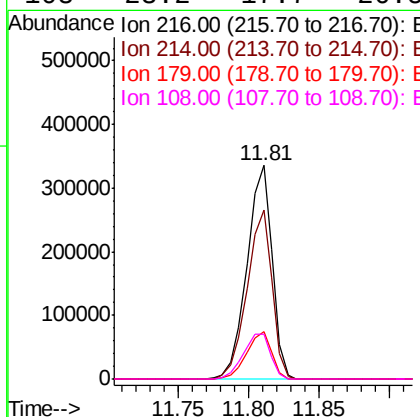
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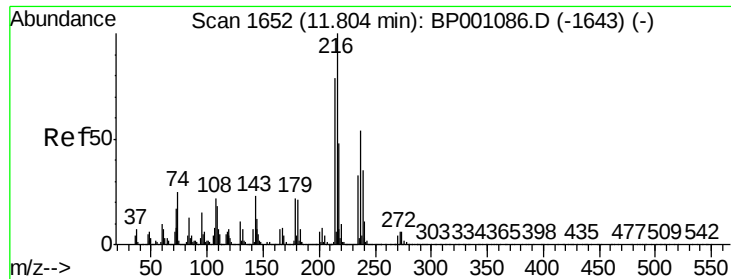
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.554 ng
RT: 11.81 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	418780		
214	78.5	62.8	94.2	
179	22.2	17.6	26.4	
108	23.2	17.7	26.5	





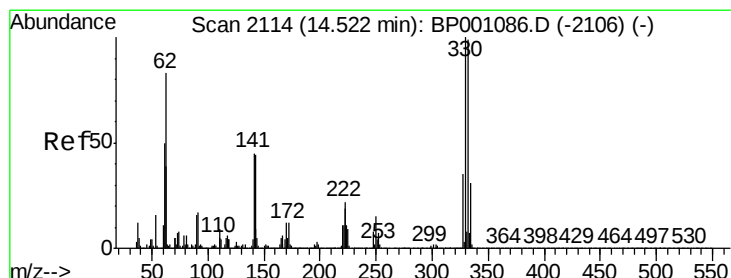
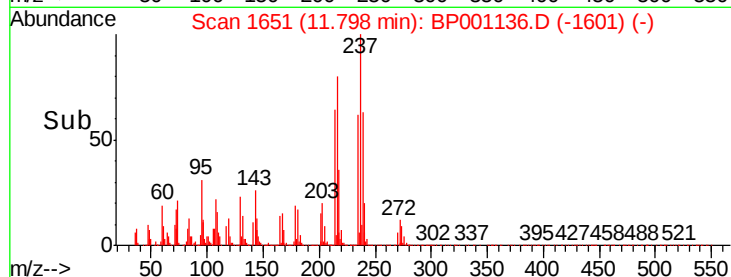
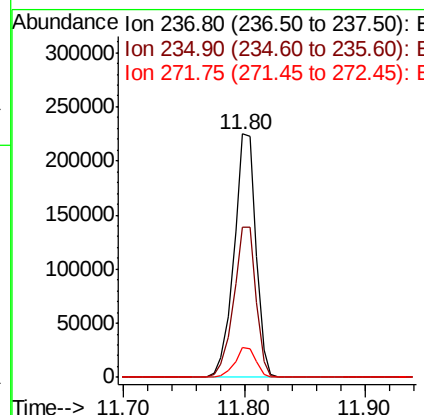
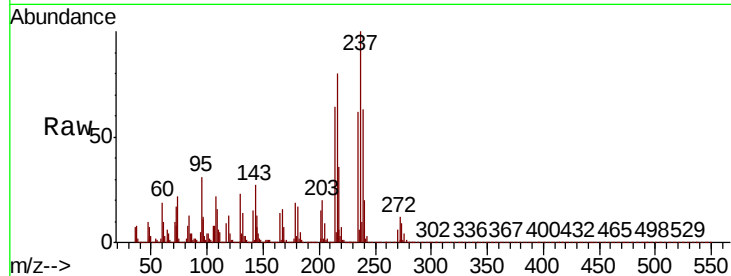
#41
Hexachlorocyclopentadiene
Concen: 65.240 ng
RT: 11.80 min Scan# 1651
Delta R.T. -0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.7	41.8	81.8
272	12.3	0.0	31.9

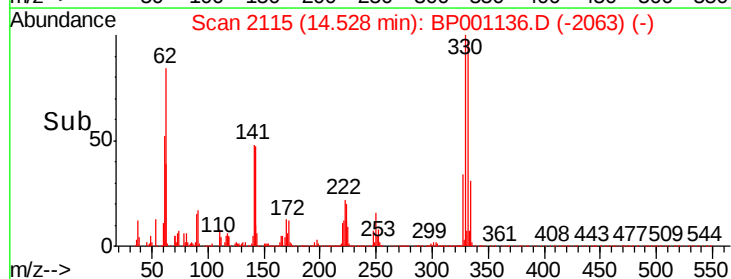
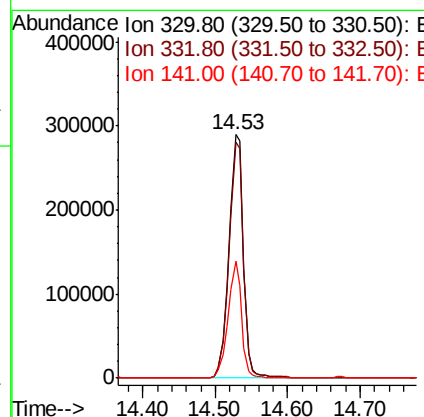
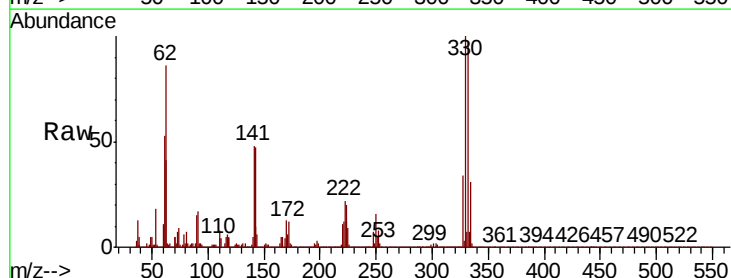
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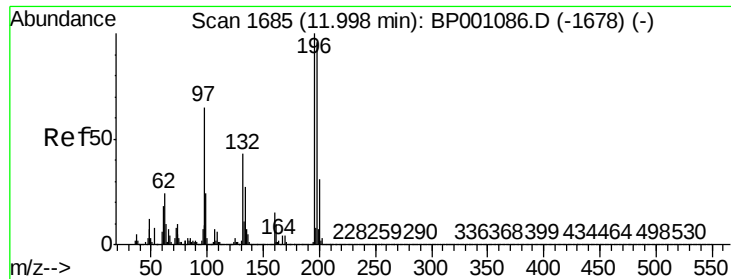
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#42
2,4,6-Tribromophenol
Concen: 140.670 ng
RT: 14.53 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	77.6	116.4
141	45.1	34.2	51.2





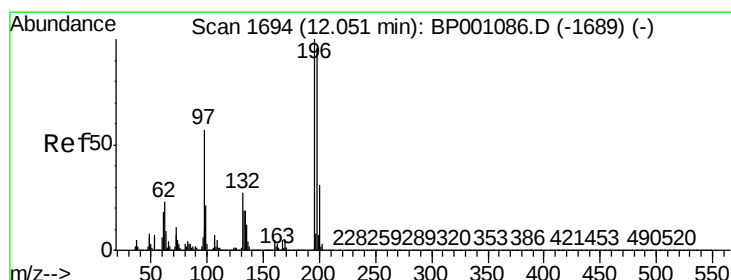
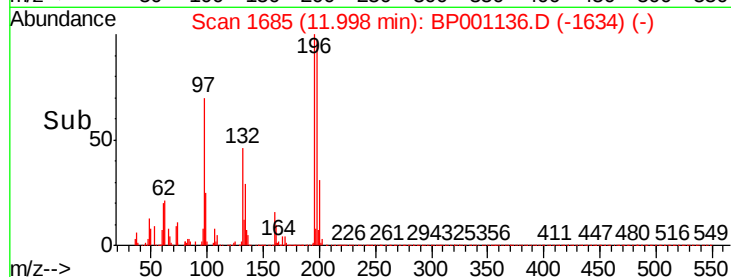
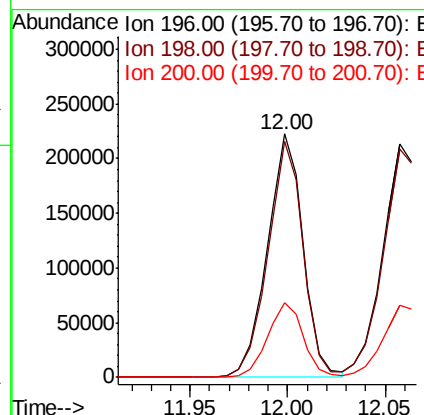
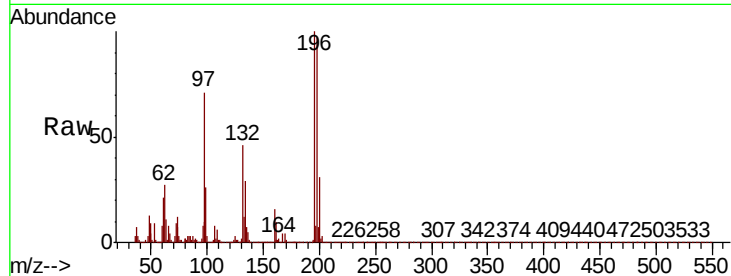
#43
2,4,6-Trichlorophenol
Concen: 45.780 ng
RT: 12.00 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	280960		
198	96.9	76.7	115.1	
200	30.6	24.7	37.1	

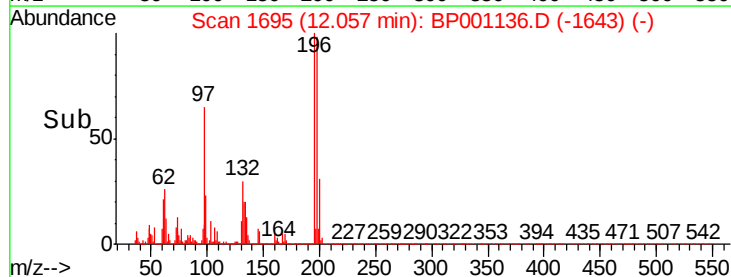
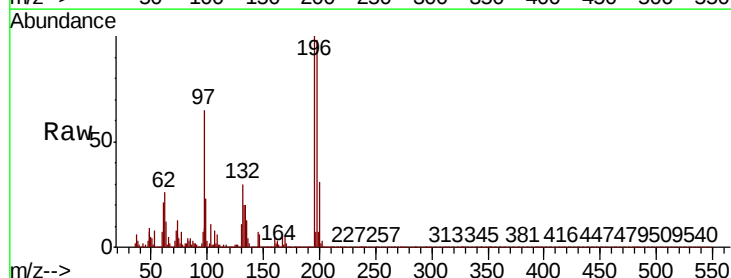
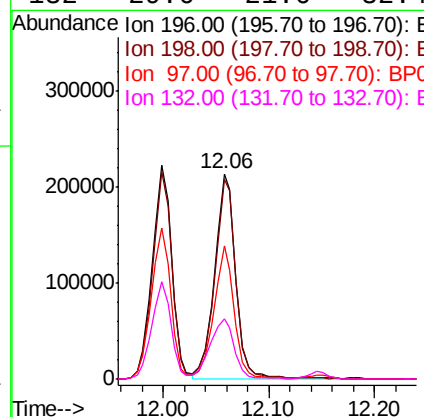
Manual Integrations
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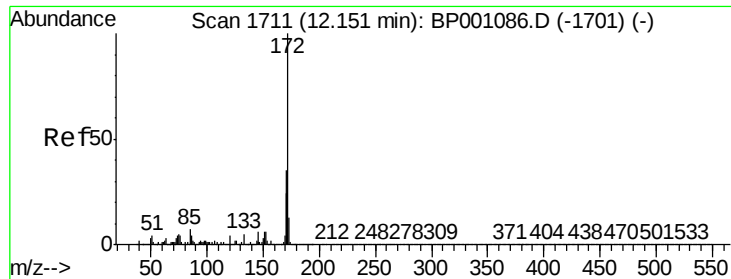
mohammad
12/4/2019 4:59:31 PM



#44
2,4,5-Trichlorophenol
Concen: 46.874 ng
RT: 12.06 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	298059		
198	97.6	76.8	115.2	
97	64.9	46.1	69.1	
132	29.6	21.6	32.4	





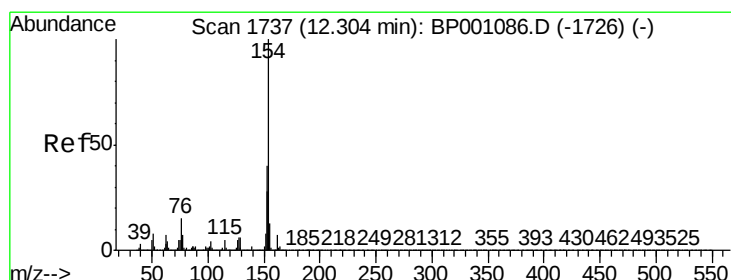
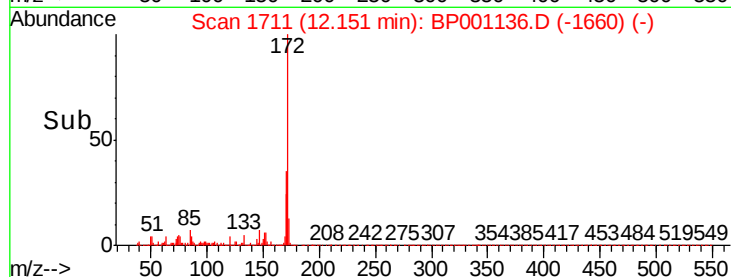
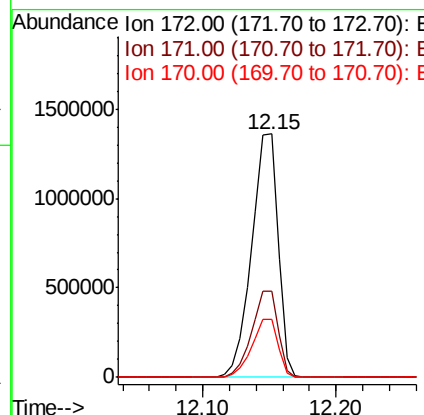
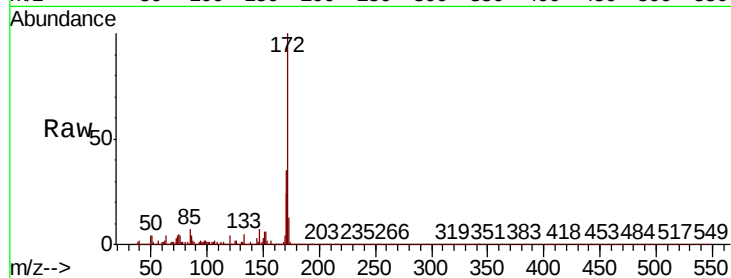
#45
2-Fluorobiphenyl
Concen: 90.640 ng
RT: 12.15 min Scan# 1711
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	35.3	27.9	41.9	
170	24.1	19.0	28.4	

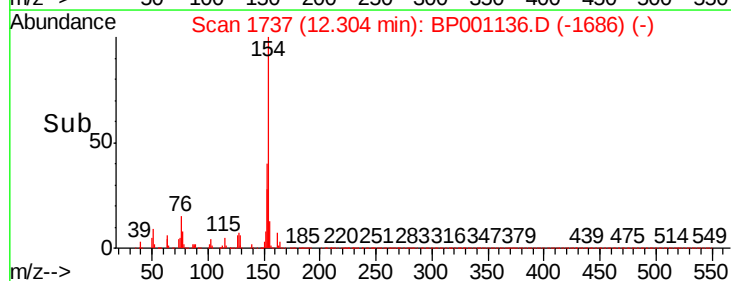
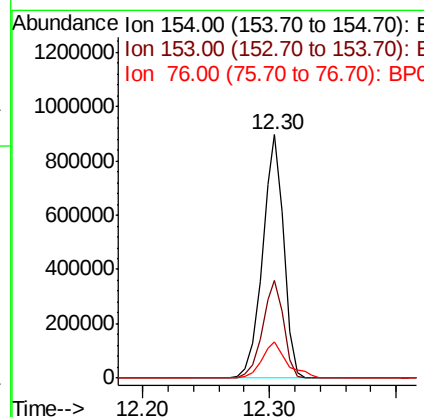
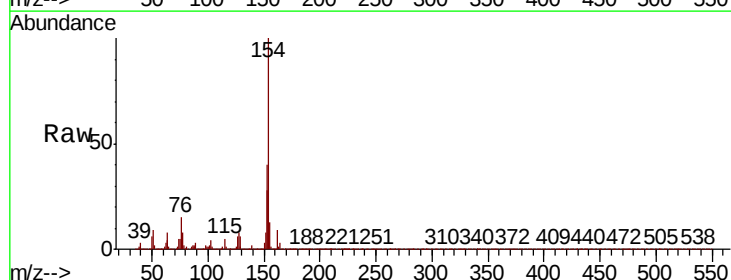
Manual Integrations
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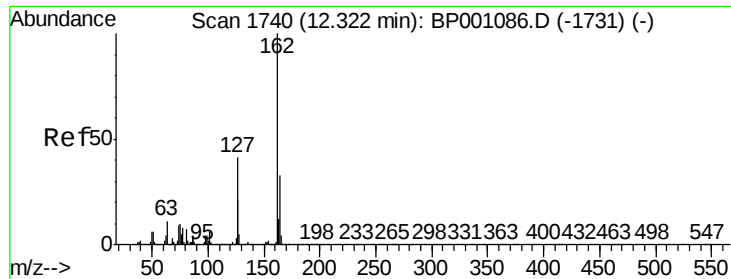
mohammad
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#46
1,1'-Biphenyl
Concen: 45.148 ng
RT: 12.30 min Scan# 1737
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.4	20.2	60.2	
76	14.7	0.0	34.5	





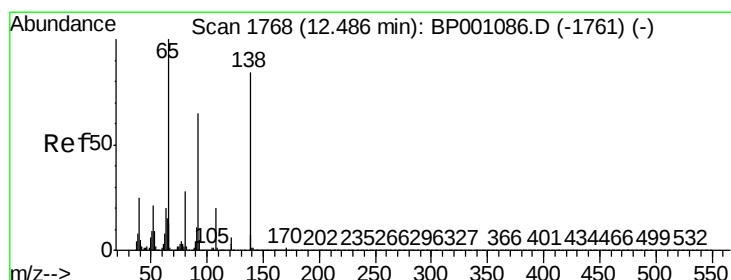
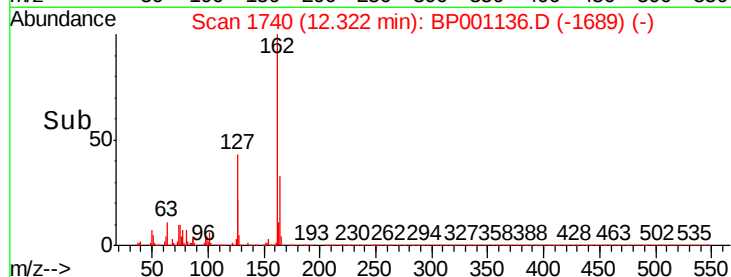
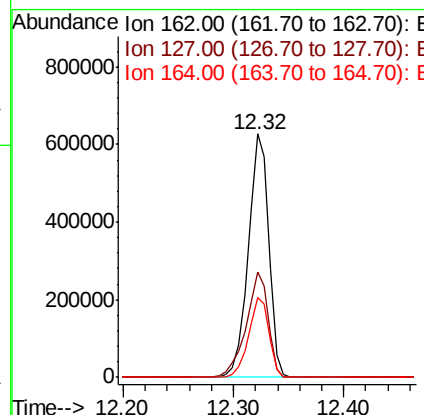
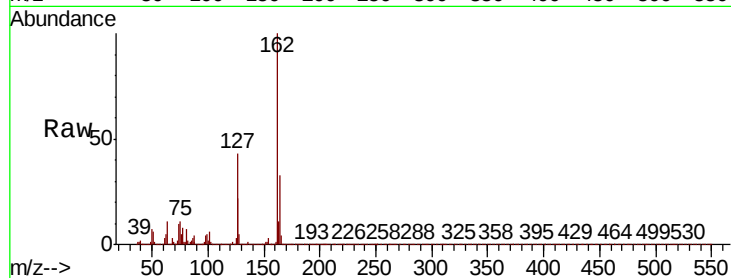
#47
2-Chloronaphthalene
Concen: 44.246 ng
RT: 12.32 min Scan# 1740
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.3	33.0	49.6
164	32.7	26.7	40.1

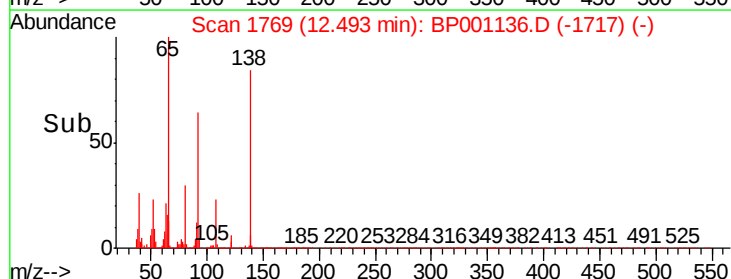
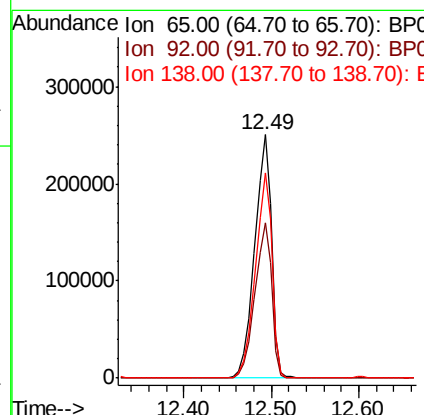
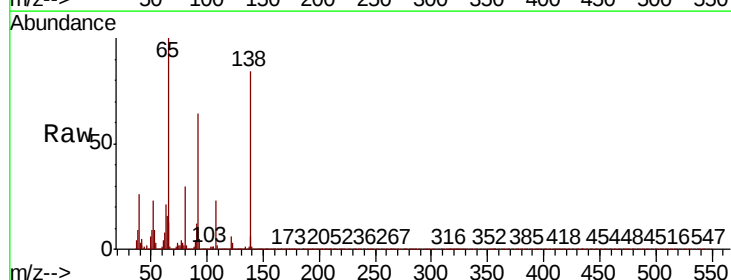
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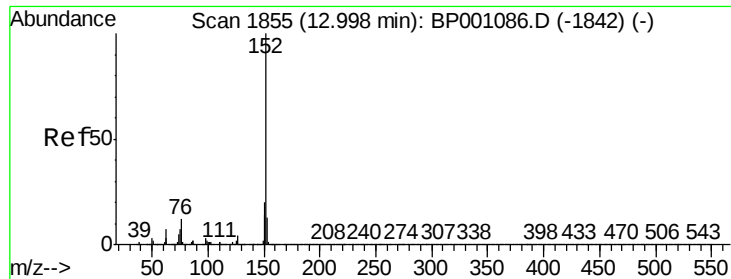
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#48
2-Nitroaniline
Concen: 44.736 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.6	51.6	77.4
138	84.3	67.3	100.9





#49

Acenaphthylene

Concen: 47.116 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

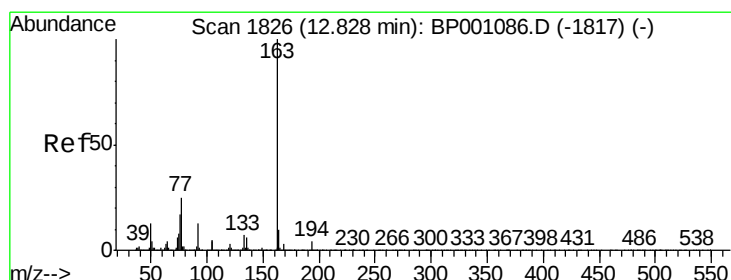
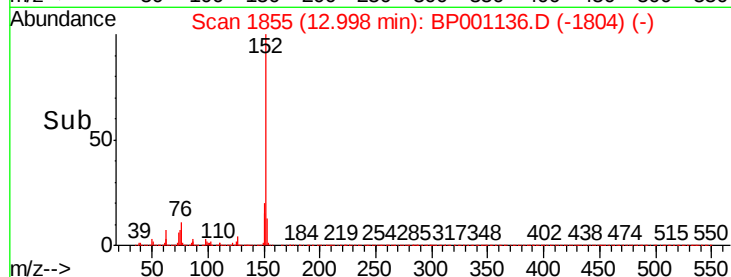
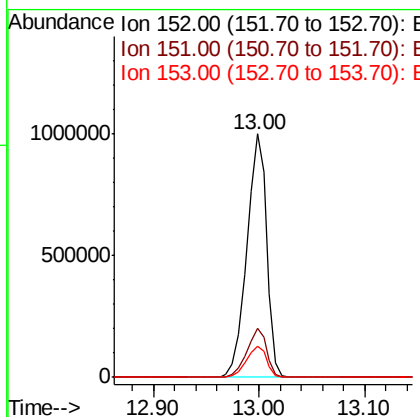
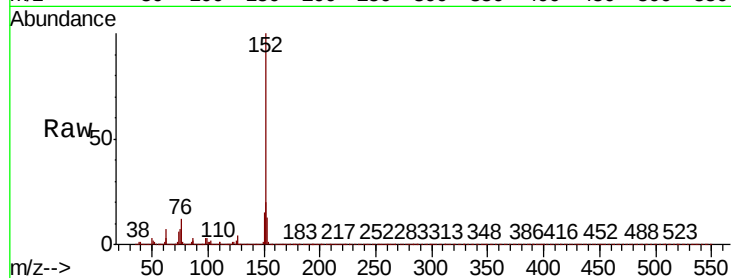
ClientSampleId :

SU-01-112719MSD

Tot Ion:	152	Resp:	1300335
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: 44.596 ng

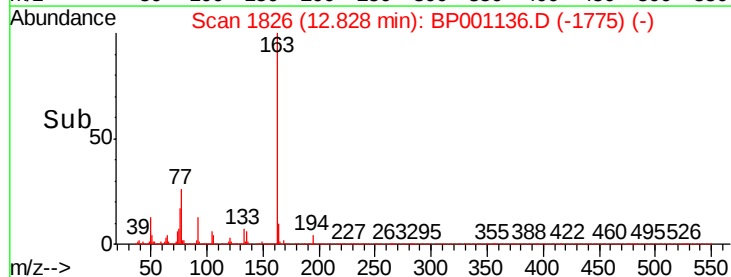
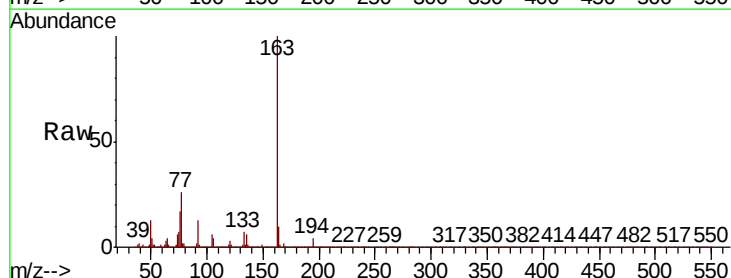
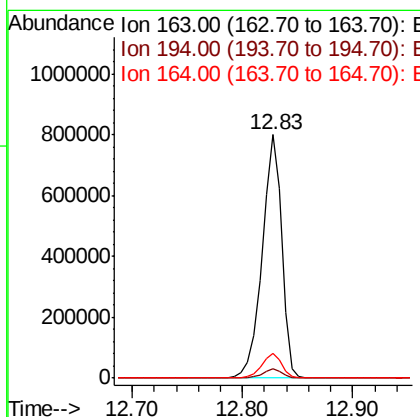
RT: 12.83 min Scan# 1826

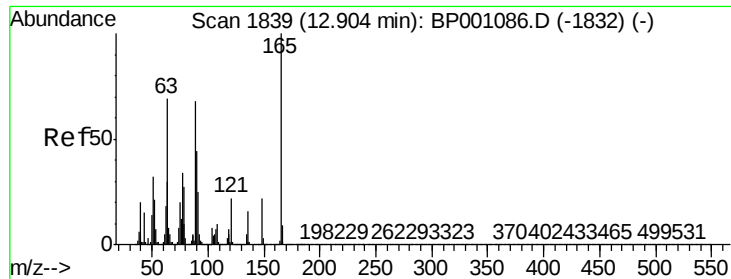
Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:	163	Resp:	994794
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	10.2	8.1	12.1





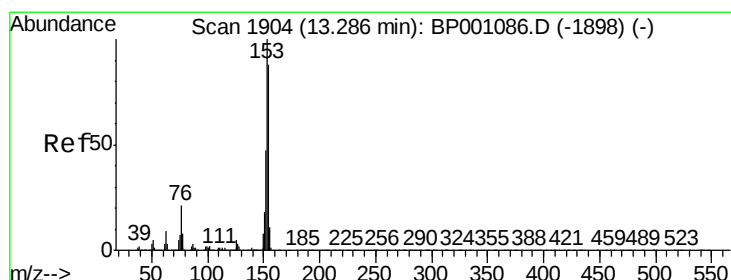
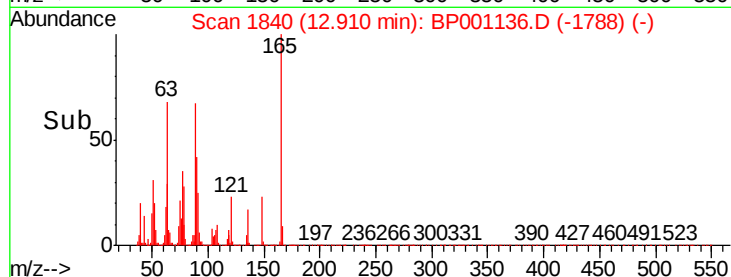
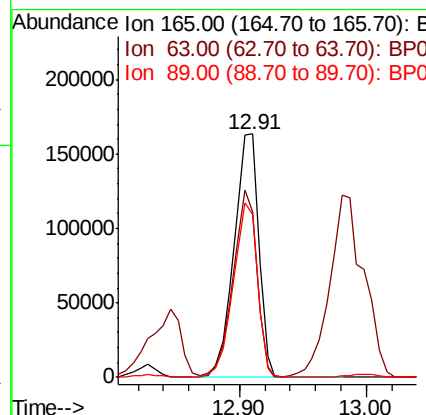
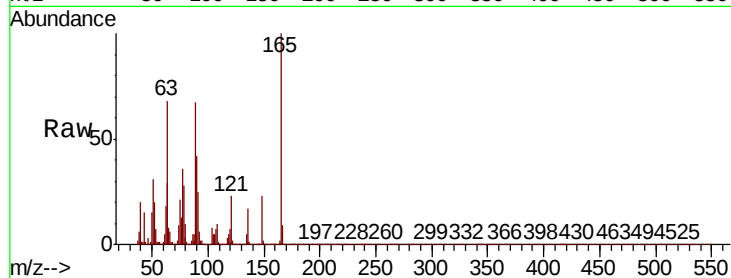
#51
2,6-Dinitrotoluene
Concen: 45.739 ng
RT: 12.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	67.8	55.6	83.4
89	67.1	54.1	81.1

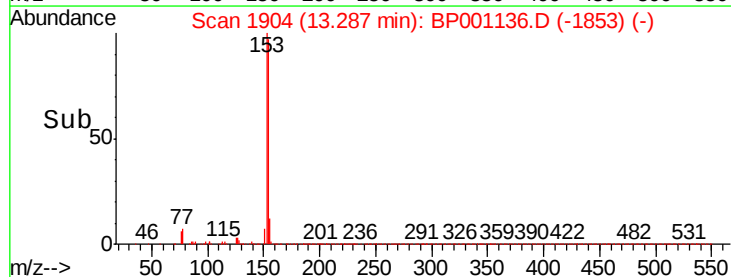
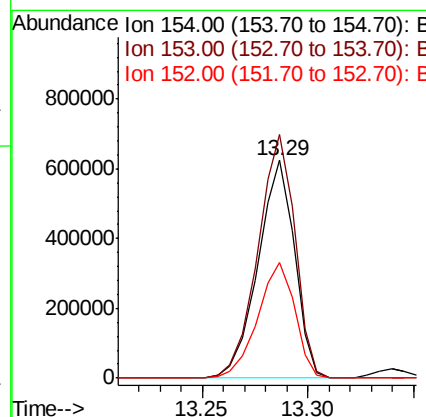
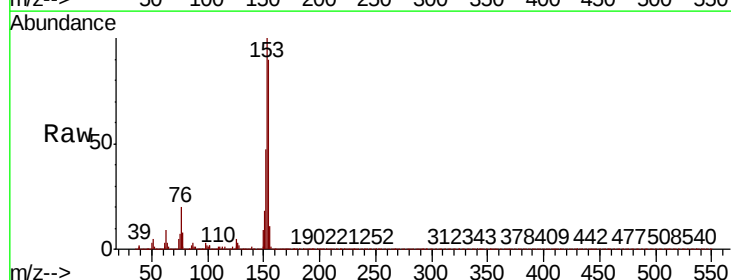
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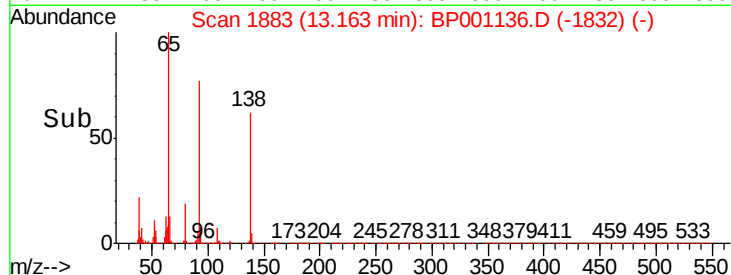
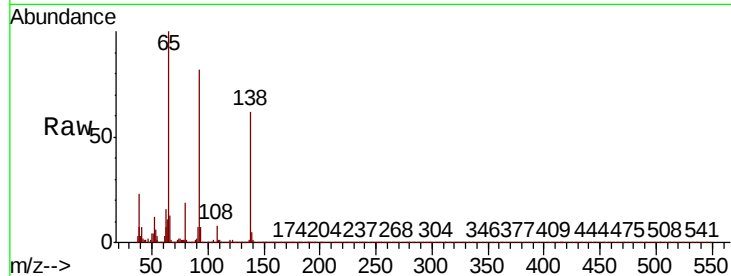
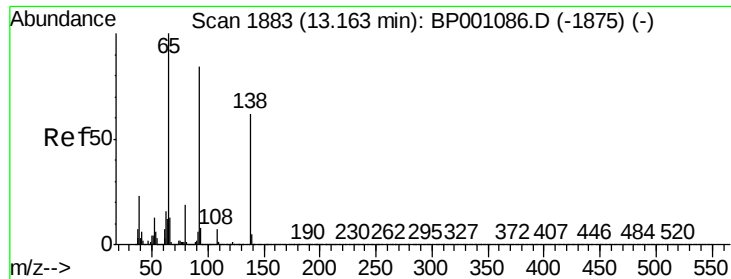
mohammad
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#52
Acenaphthene
Concen: 45.309 ng
RT: 13.29 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.5	135.7
152	52.8	42.6	64.0





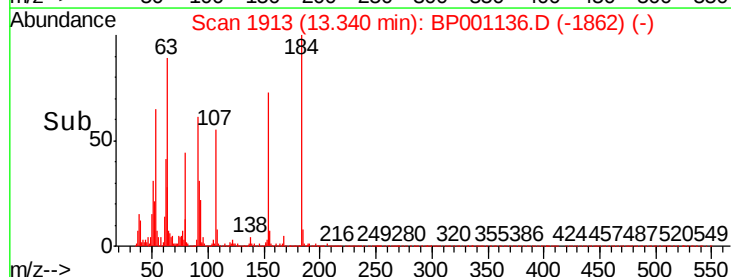
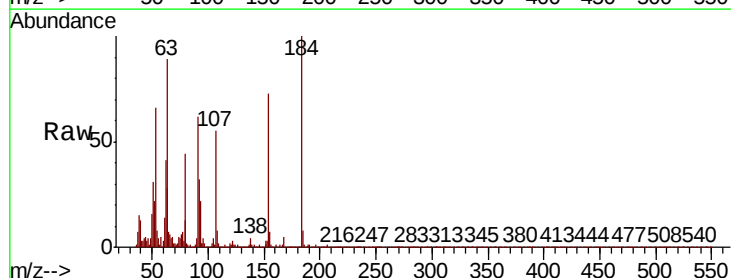
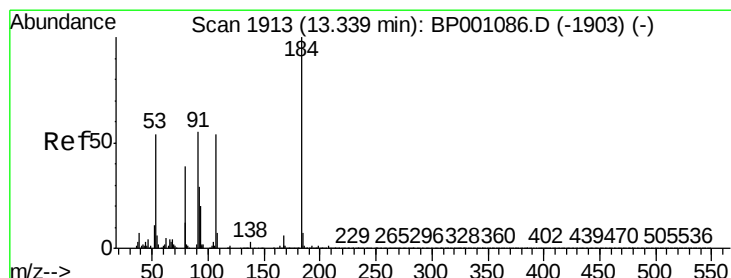
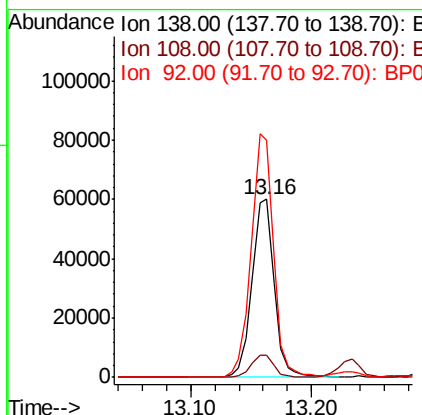
#53
3-Nitroaniline
Concen: 14.500 ng
RT: 13.16 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.4	9.2	13.8
92	133.5	107.8	161.6

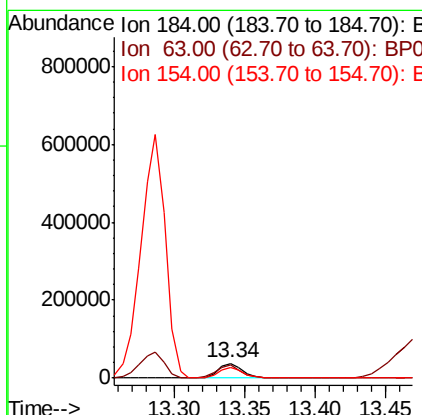
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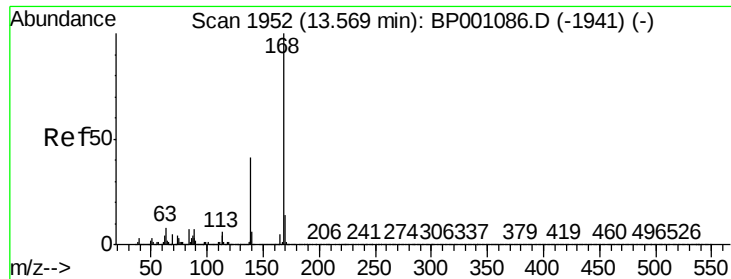
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#54
2,4-Dinitrophenol
Concen: 28.789 ng
RT: 13.34 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	89.3	60.7	91.1
154	73.4	56.2	84.2





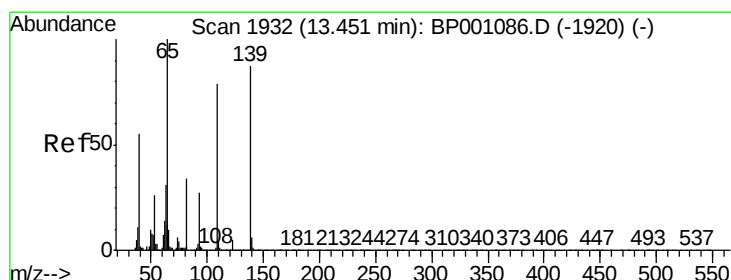
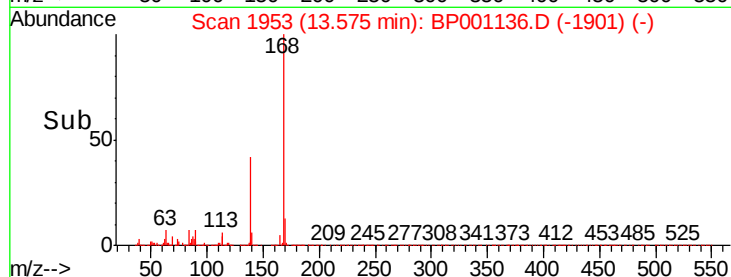
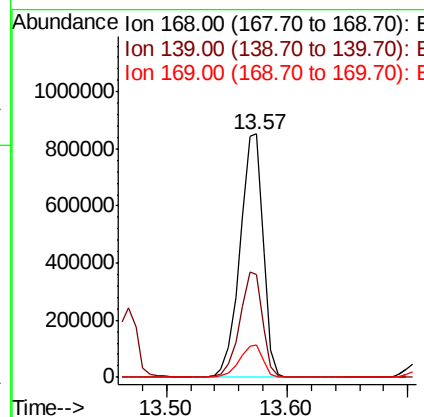
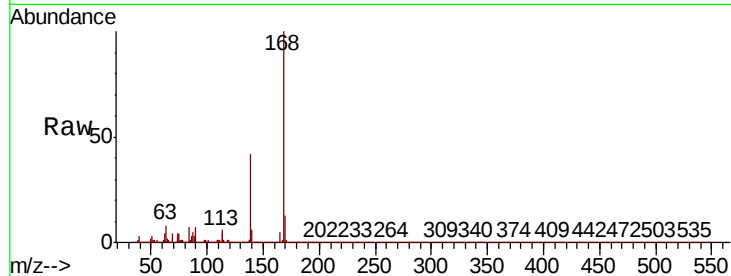
#55
Dibenzofuran
Concen: 45.623 ng
RT: 13.57 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	32.8	49.2
169	13.2	10.9	16.3

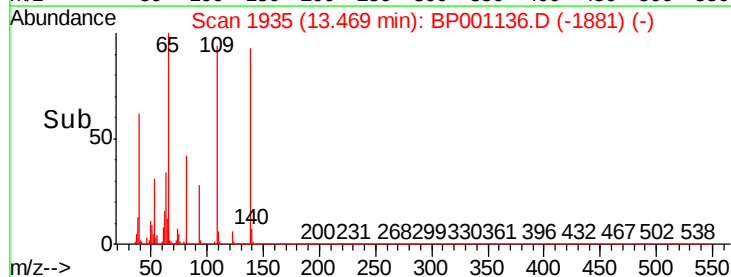
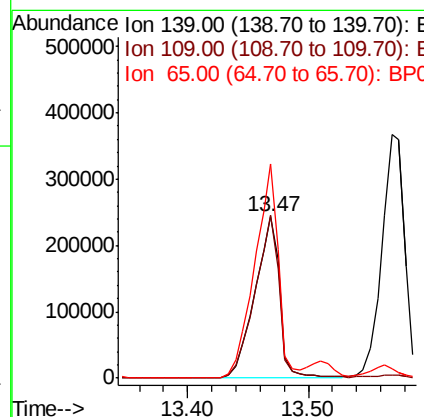
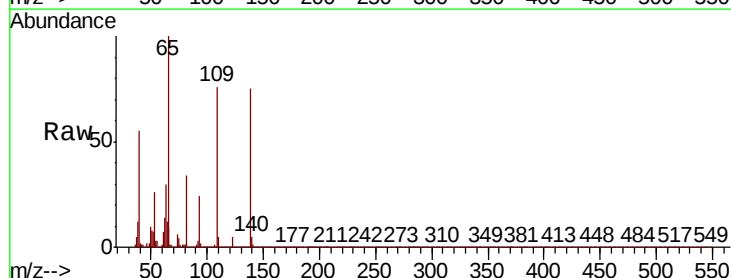
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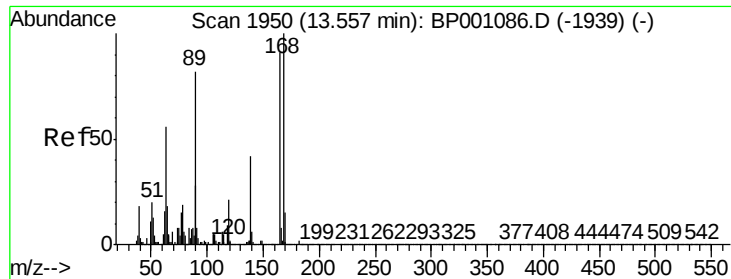
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#56
4-Nitrophenol
Concen: 91.814 ng
RT: 13.47 min Scan# 1935
Delta R.T. 0.02 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.8	70.9	110.9
65	132.5	95.2	135.2





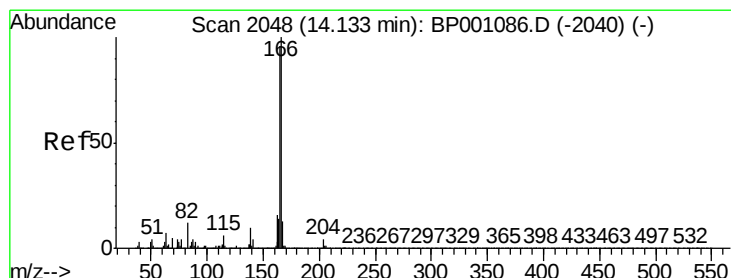
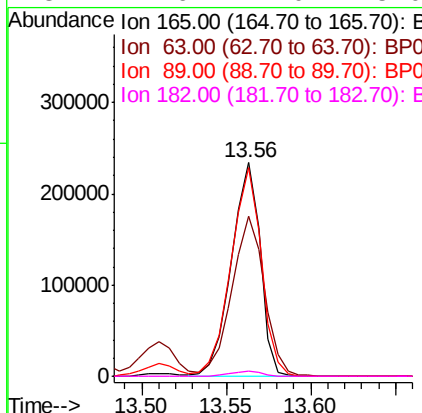
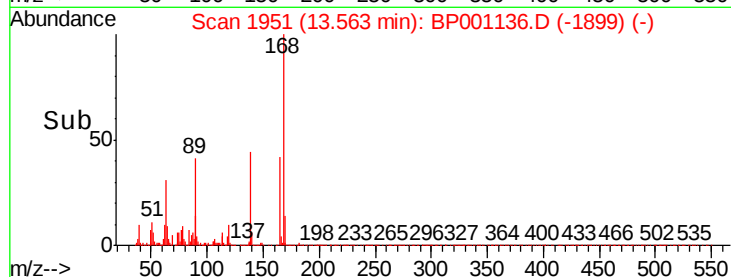
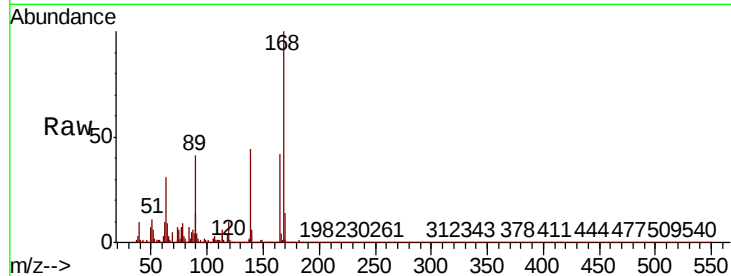
#57
2,4-Dinitrotoluene
Concen: 46.359 ng
RT: 13.56 min Scan# 1951
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	277472		
63	75.2	49.4	74.2#	
89	97.8	72.1	108.1	
182	2.6	2.0	3.0	

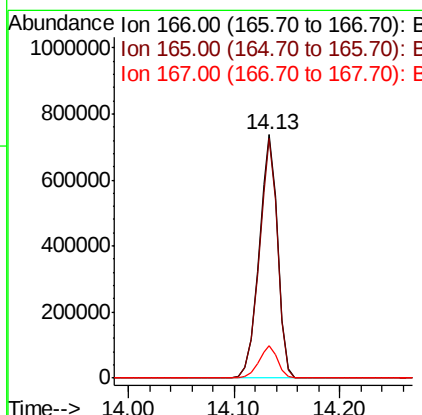
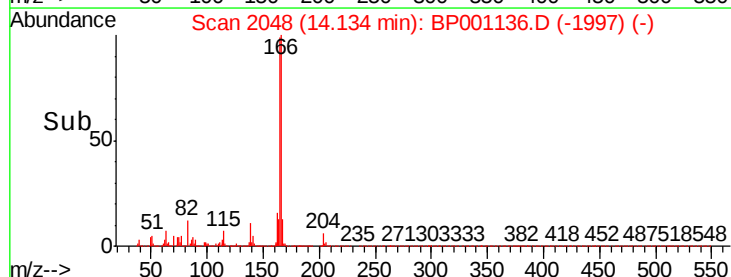
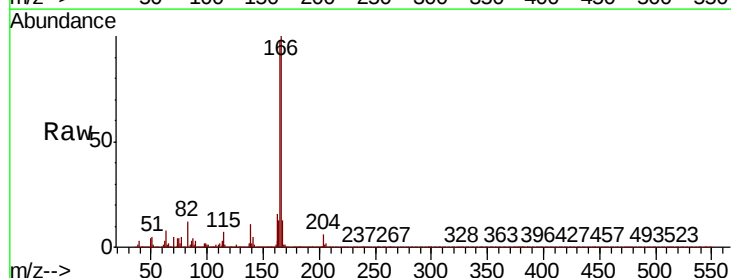
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#58
Fluorene
Concen: 45.284 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	905229		
165	98.4	76.7	115.1	
167	13.4	10.5	15.7	





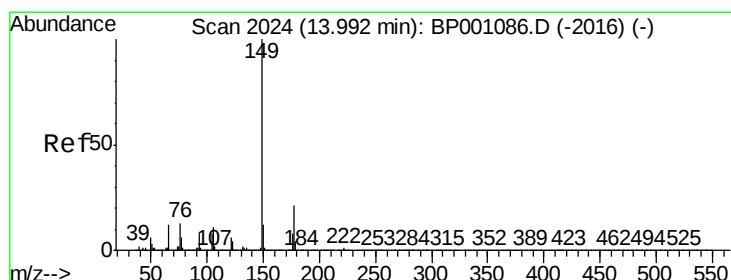
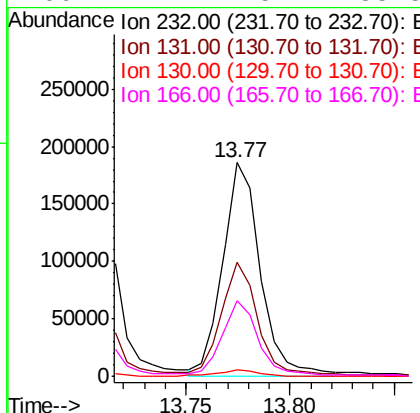
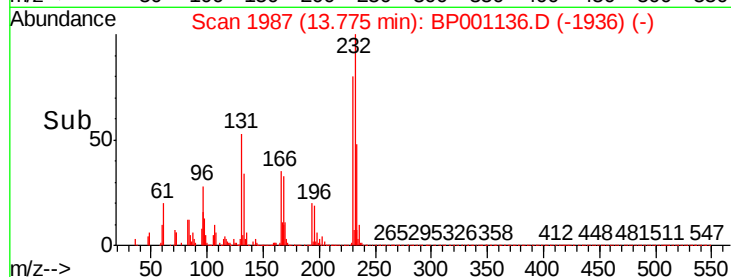
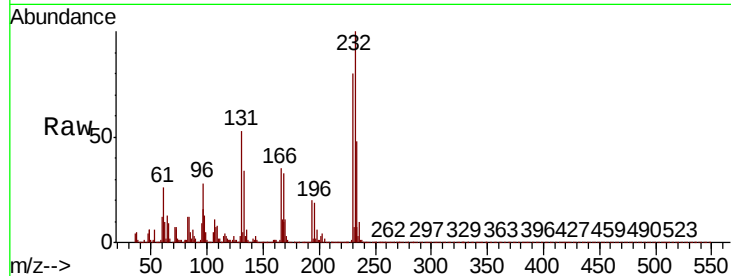
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.202 ng
RT: 13.77 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	39.6	59.4
130	2.6	1.9	2.9
166	27.2	25.7	38.5

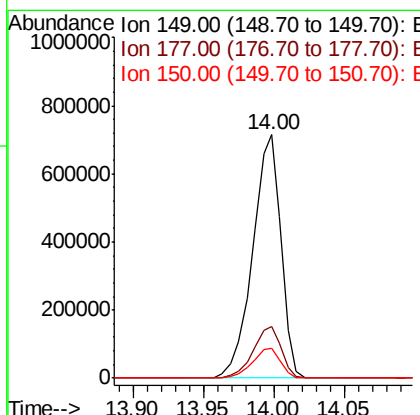
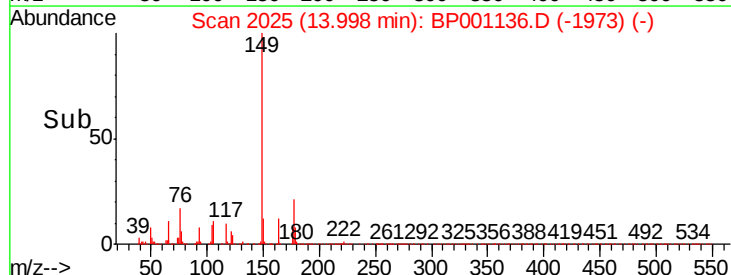
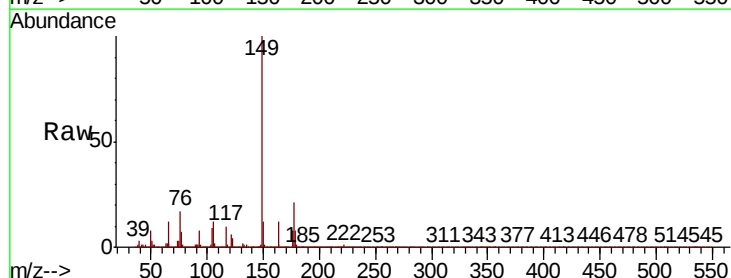
Manual Integrations
APPROVED

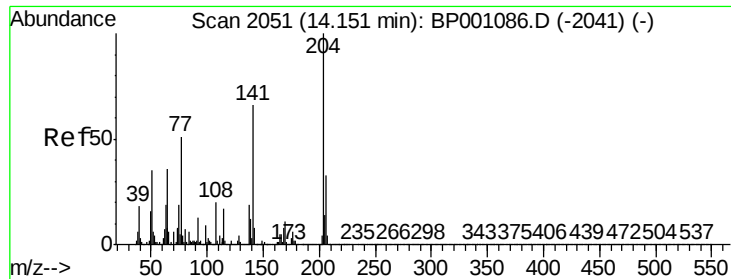
mohammad
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#60
Diethylphthalate
Concen: 43.576 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	17.0	25.6
150	12.3	9.9	14.9





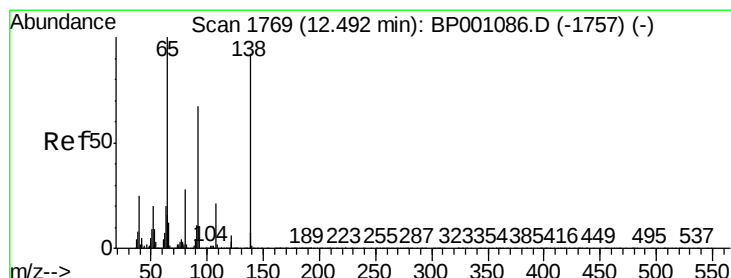
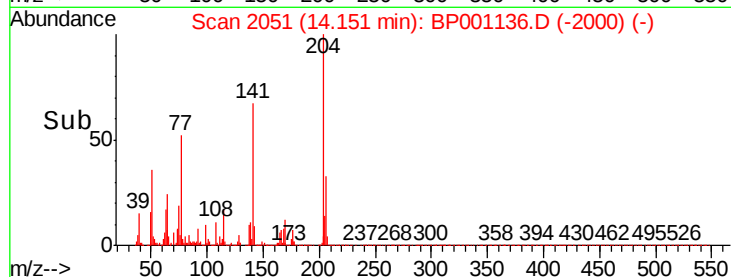
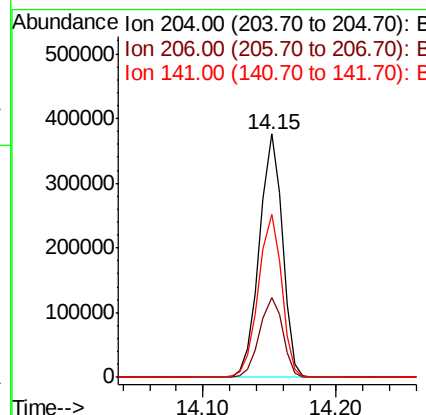
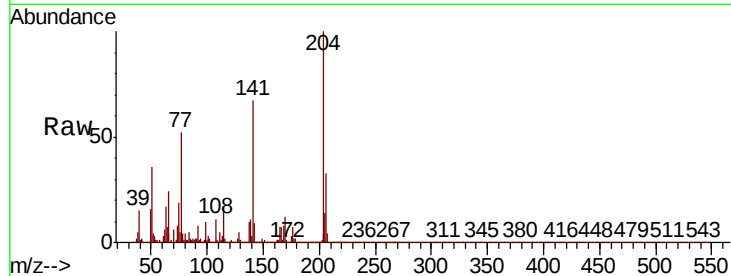
#61
4-Chlorophenyl-phenylether
Concen: 43.758 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.1	39.1
141	66.9	52.7	79.1

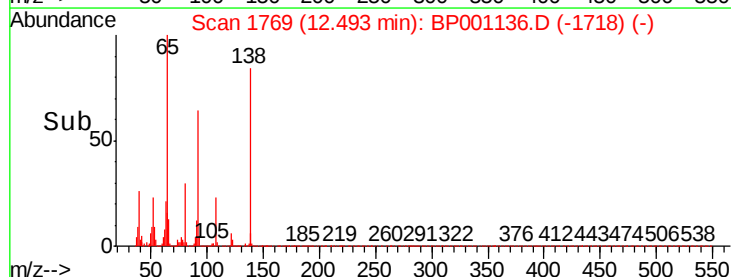
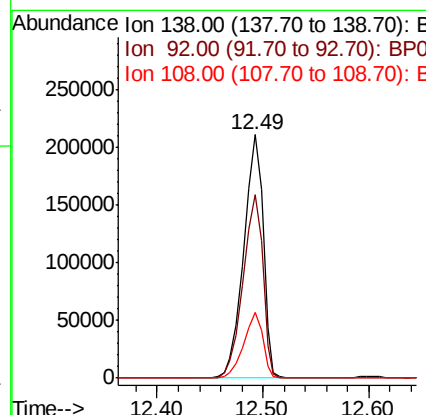
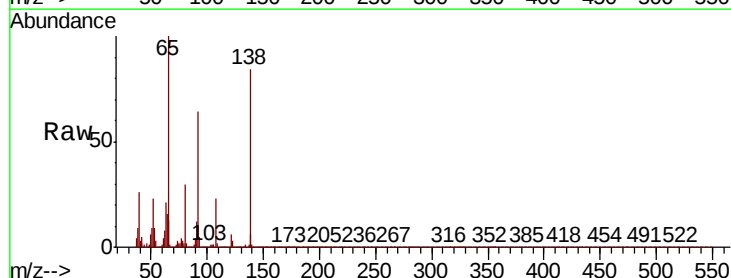
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#62
4-Nitroaniline
Concen: 43.087 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	75.5	53.3	93.3
108	26.8	3.1	43.1





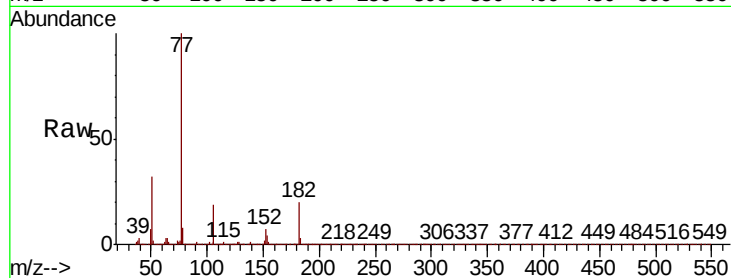
#63
Azobenzene
Concen: 45.008 ng
RT: 14.41 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

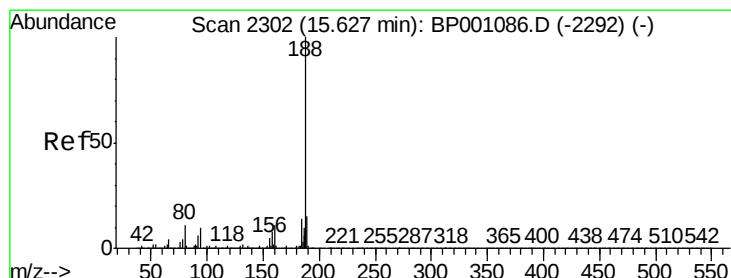
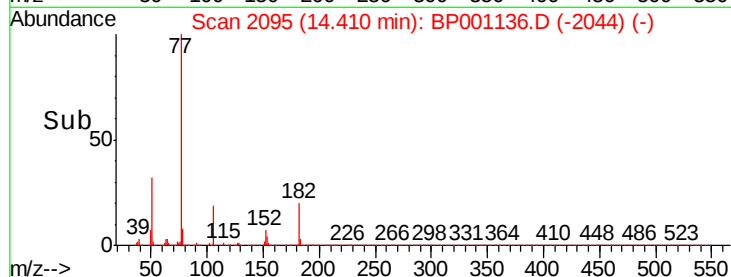
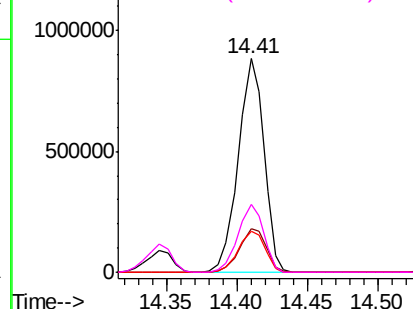
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	20.4	0.8	40.8	
105	19.3	0.3	40.3	
51	31.8	9.6	49.6	

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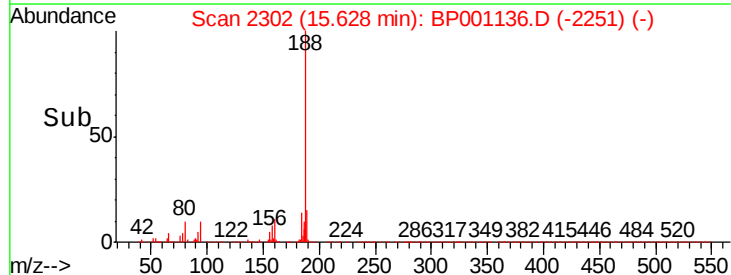
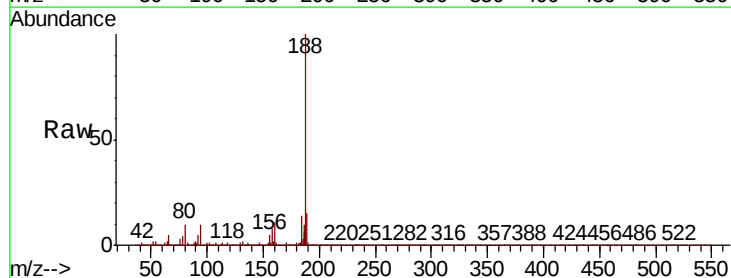
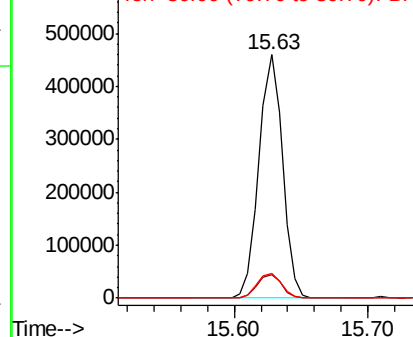
Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

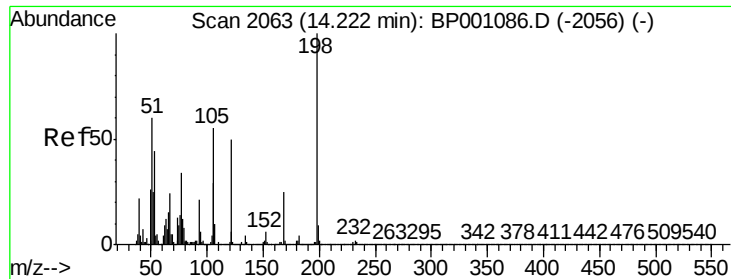


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.8	7.9	11.9	
80	10.3	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





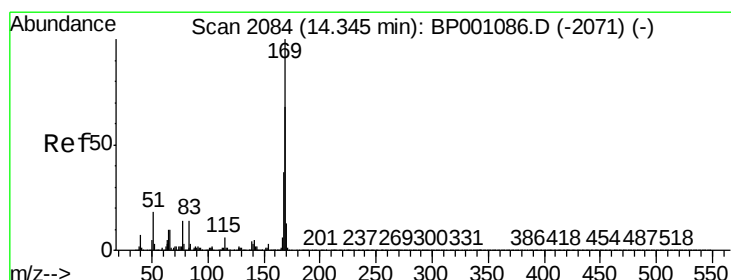
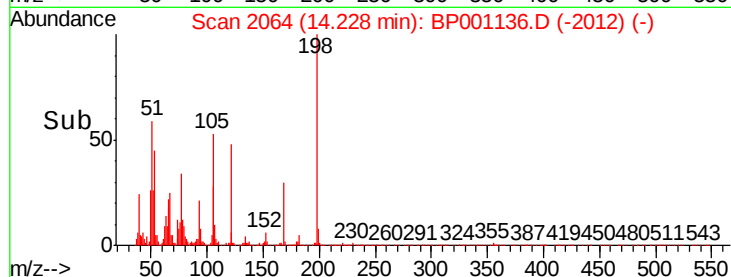
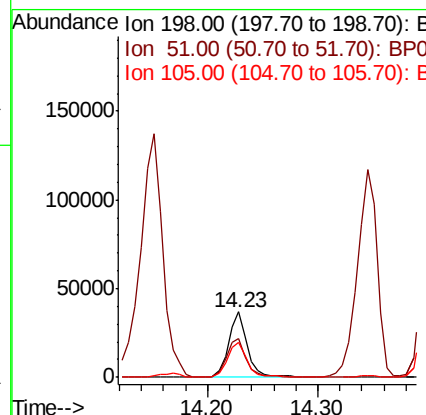
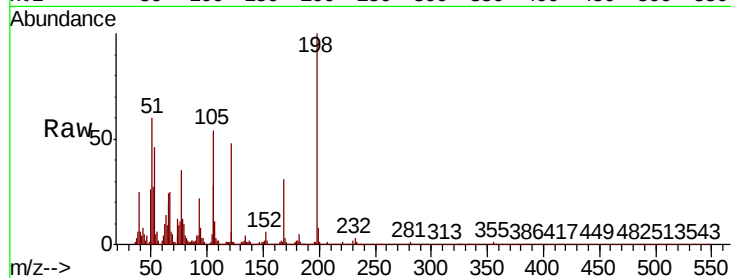
#65
4,6-Dinitro-2-methylphenol
Concen: 22.285 ng
RT: 14.23 min Scan# 2064
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	59.6	40.5	80.5
105	53.7	35.7	75.7

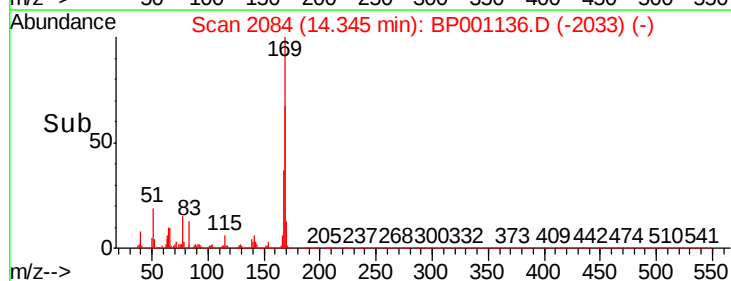
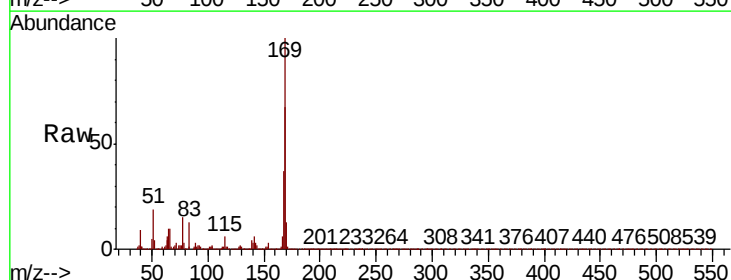
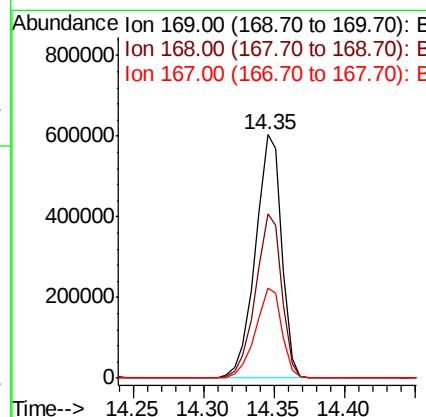
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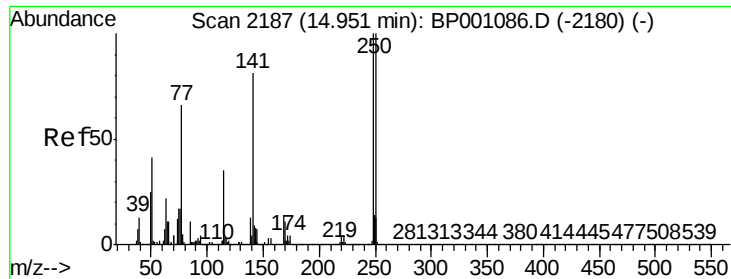
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#66
n-Nitrosodiphenylamine
Concen: 46.561 ng
RT: 14.35 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	54.1	81.1
167	36.9	29.5	44.3





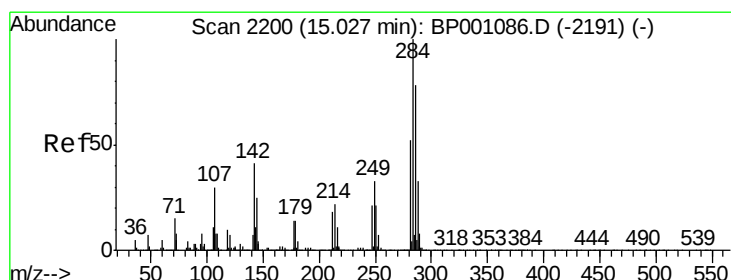
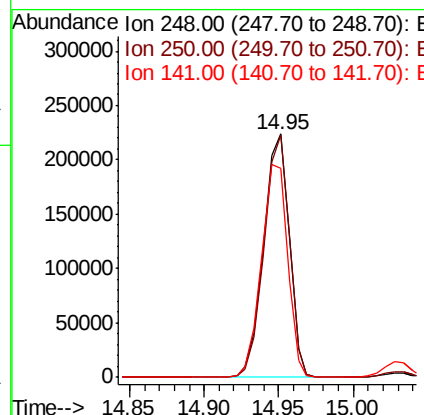
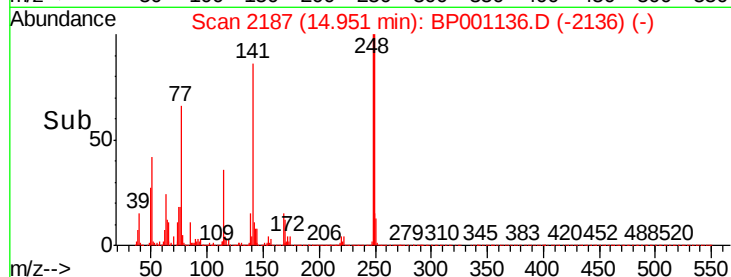
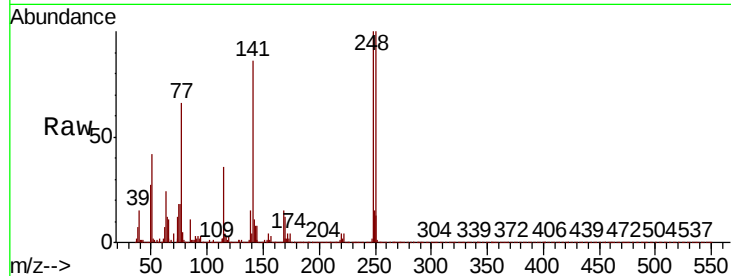
#67
4-Bromophenyl-phenylether
Concen: 43.615 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	80.3	120.5
141	85.9	64.9	97.3

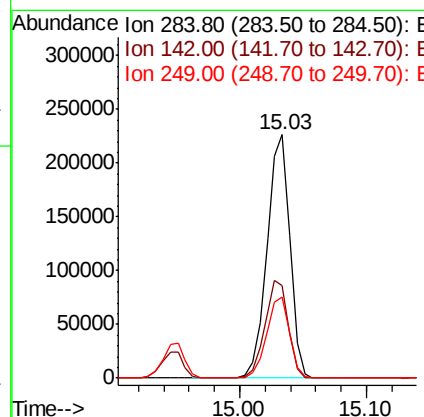
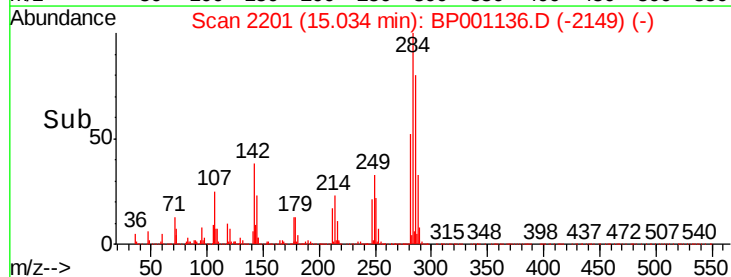
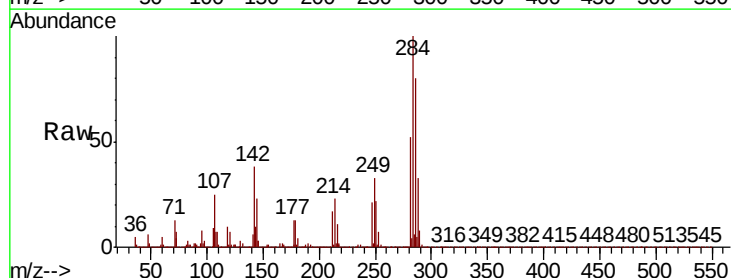
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#68
Hexachlorobenzene
Concen: 42.391 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	33.2	49.8
249	33.2	26.2	39.4





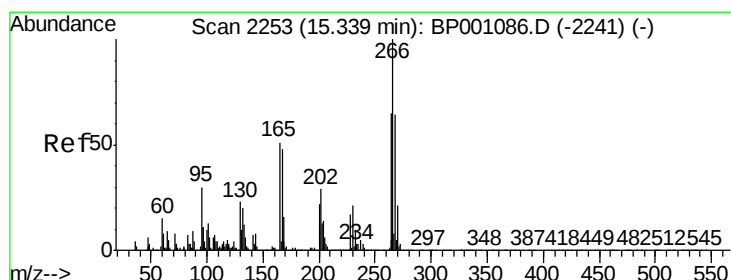
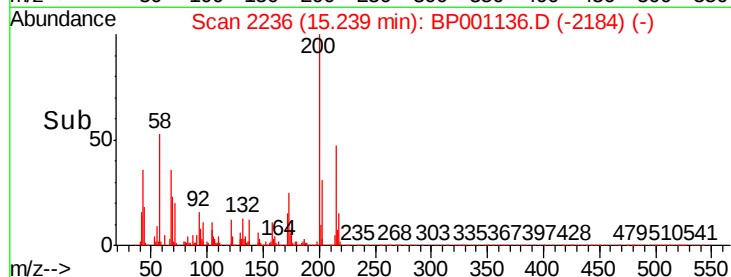
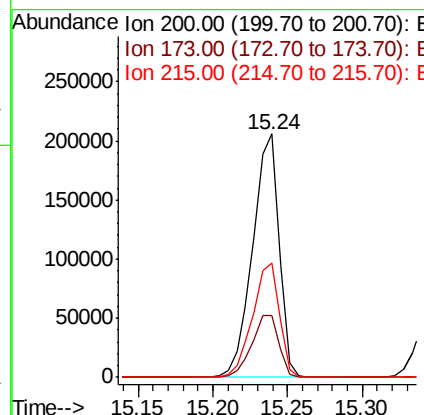
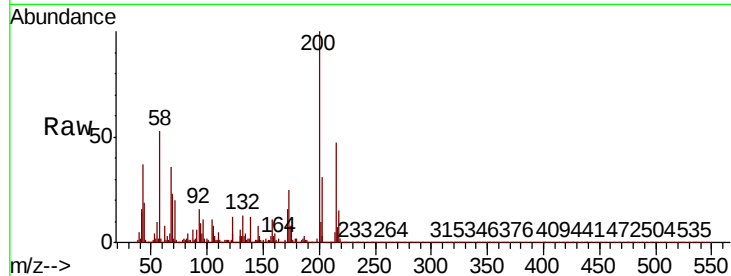
#69
Atrazine
Concen: 48.216 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	6.7	46.7
215	47.2	27.9	67.9

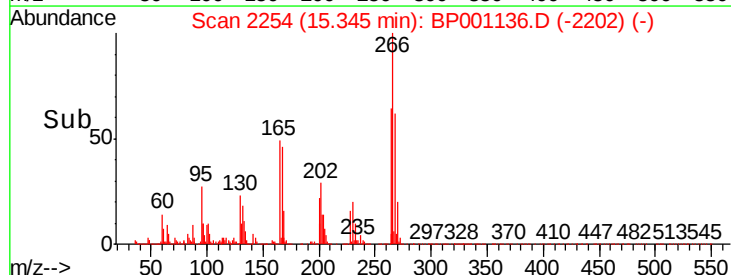
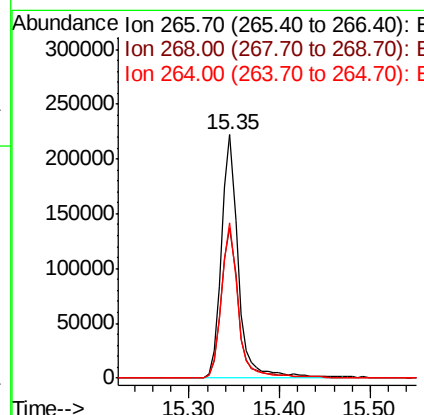
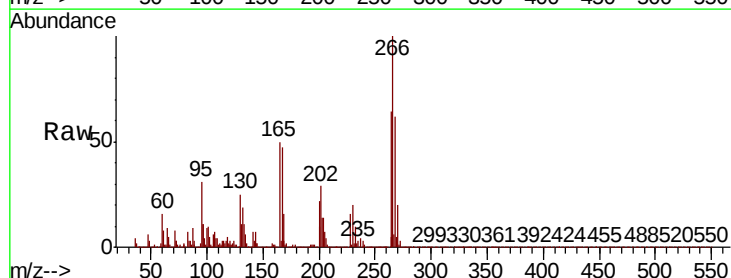
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#70
Pentachlorophenol
Concen: 82.102 ng
RT: 15.35 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.5	51.6	77.4
264	63.6	52.2	78.4





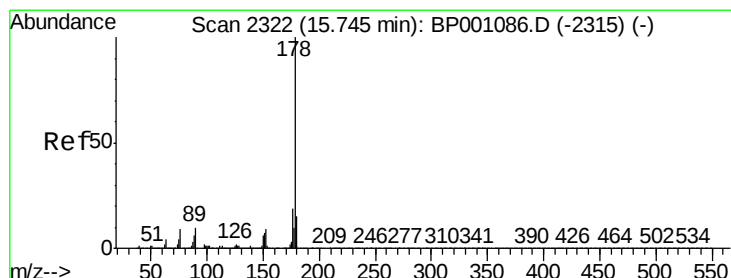
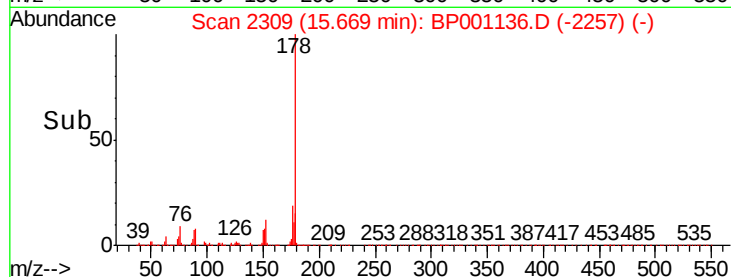
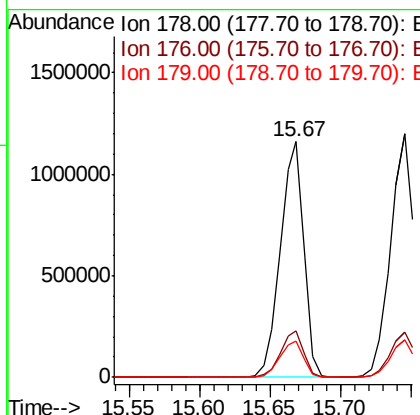
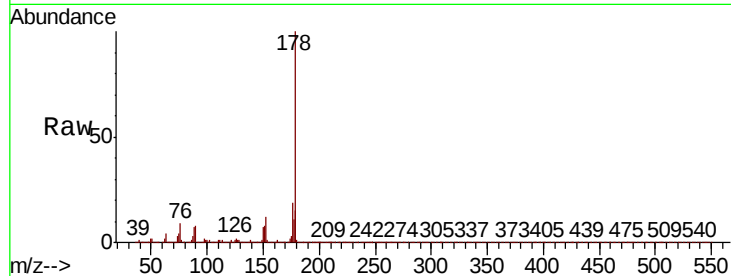
#71
Phenanthrene
Concen: 45.433 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	15.3	12.5	18.7

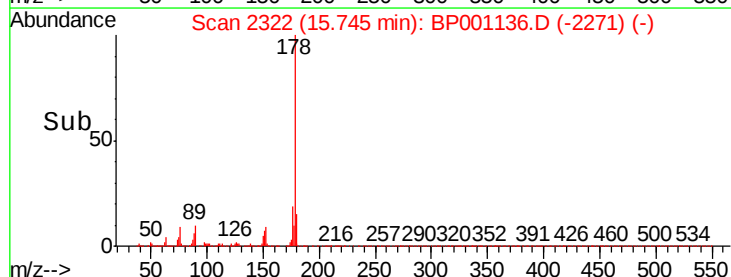
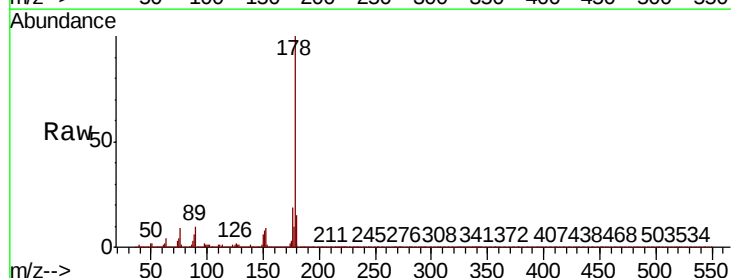
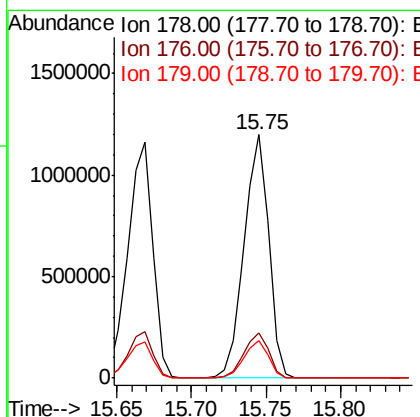
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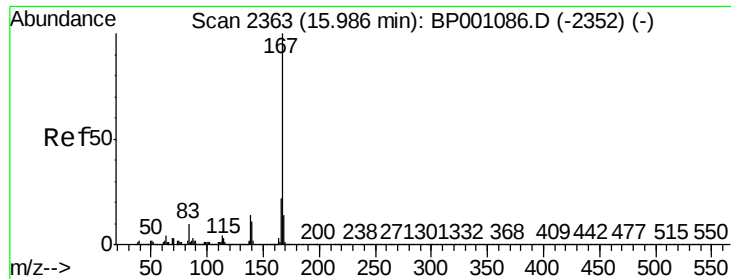
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#72
Anthracene
Concen: 47.221 ng
RT: 15.75 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.5	12.2	18.4





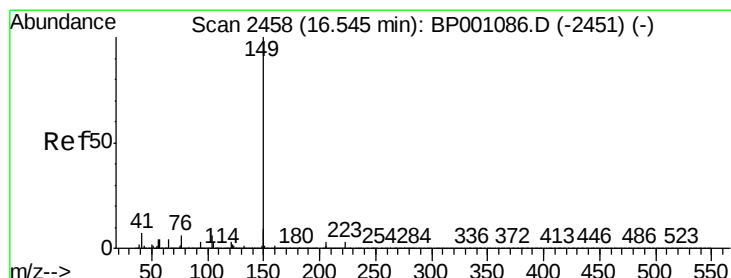
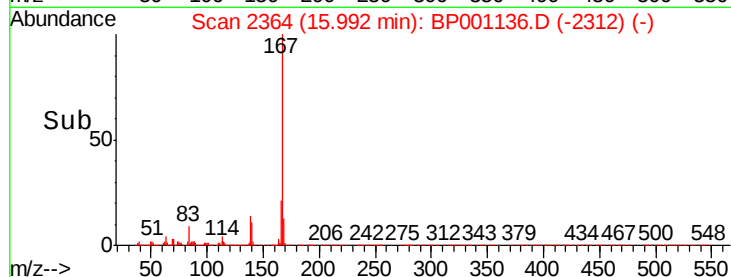
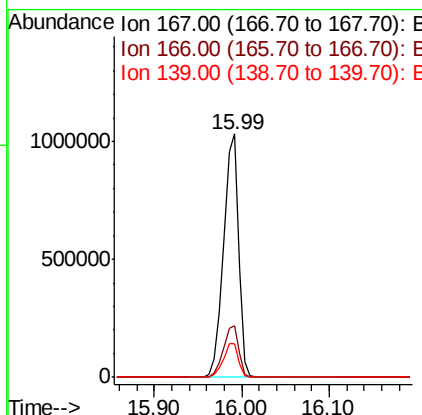
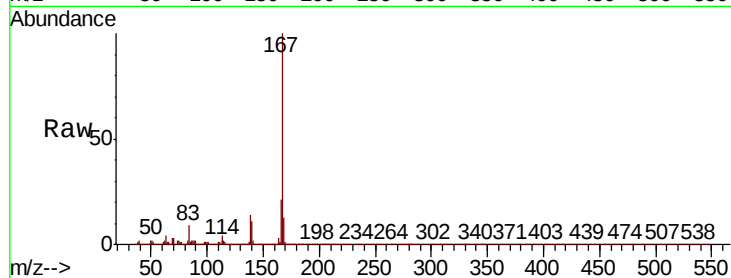
#73
 Carbazole
 Concen: 47.038 ng
 RT: 15.99 min Scan# 2364
 Delta R.T. 0.01 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	14.0	11.3	16.9

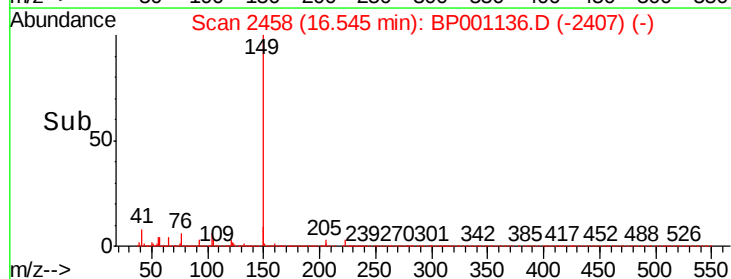
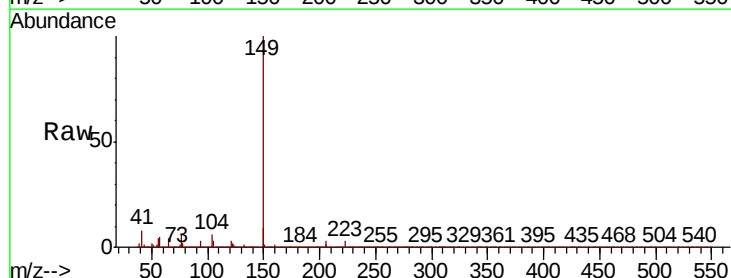
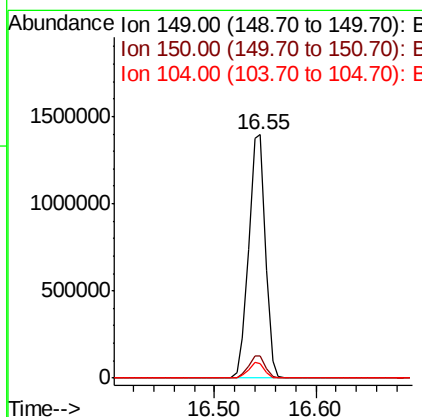
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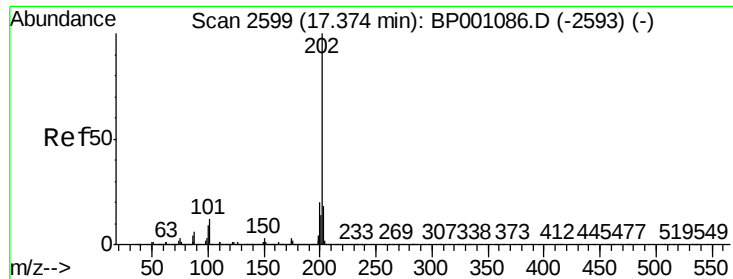
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#74
 Di-n-butylphthalate
 Concen: 44.857 ng
 RT: 16.55 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	5.9	4.6	6.8





#75

Fluoranthene

Concen: 47.147 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

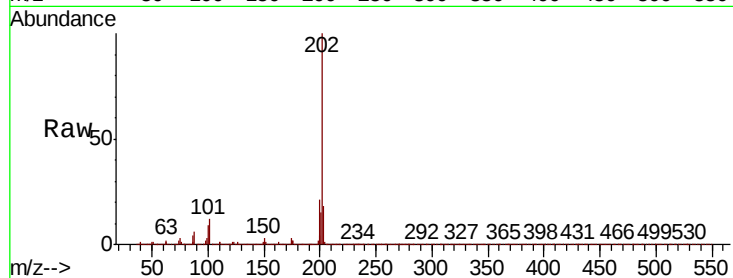
ClientSampleId :

SU-01-112719MSD

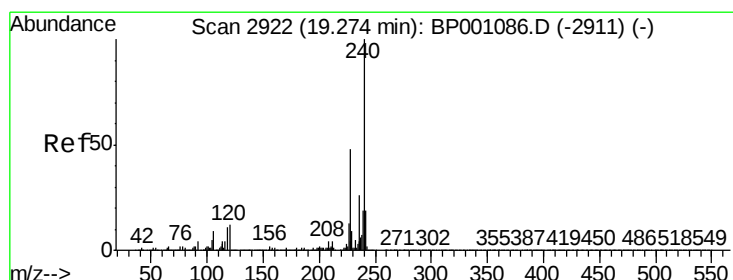
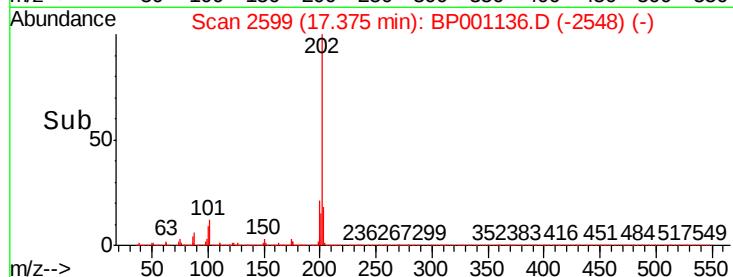
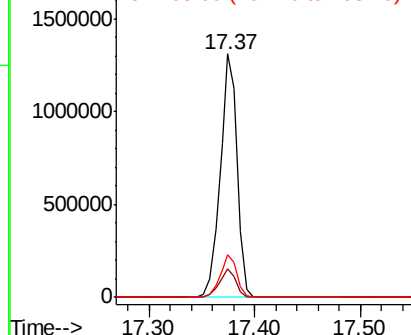
Tot Ion:	202	Resp:	1466524
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	32.1
203	17.6	0.0	37.8

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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

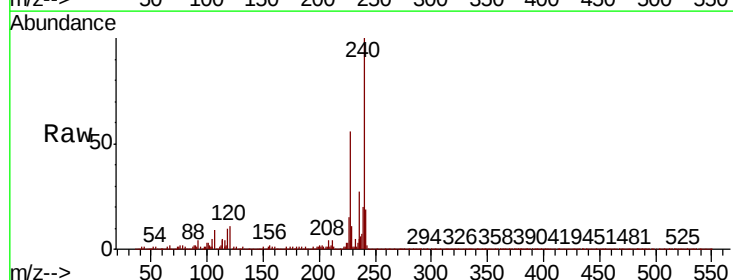
RT: 19.27 min Scan# 2922

Delta R.T. 0.00 min

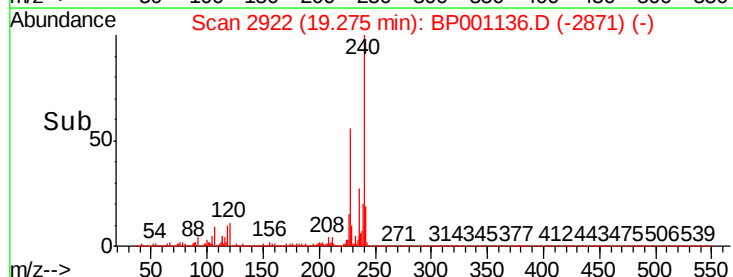
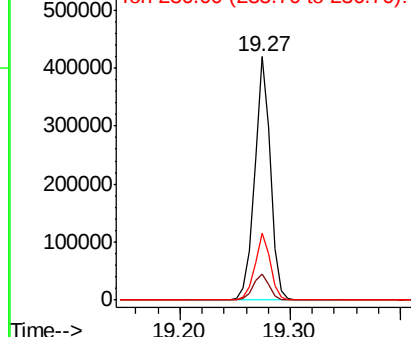
Lab File: BP001136.D

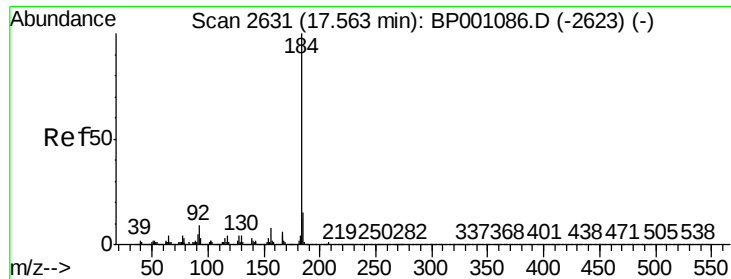
Acq: 02 Dec 2019 20:13

Tgt Ion:	240	Resp:	417714
Ion Ratio	Lower	Upper	
240	100		
120	10.9	9.5	14.3
236	27.4	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: 35.282 ng

RT: 17.56 min Scan# 2631

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

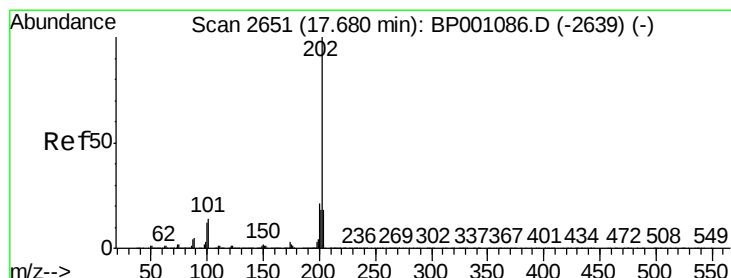
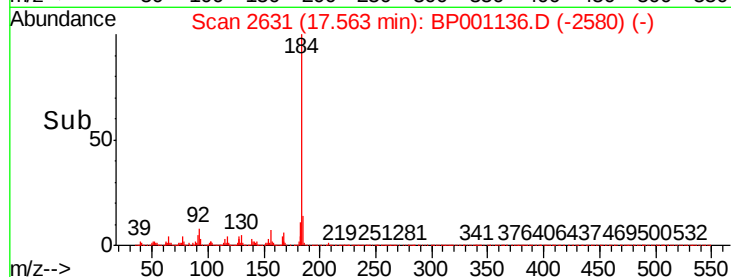
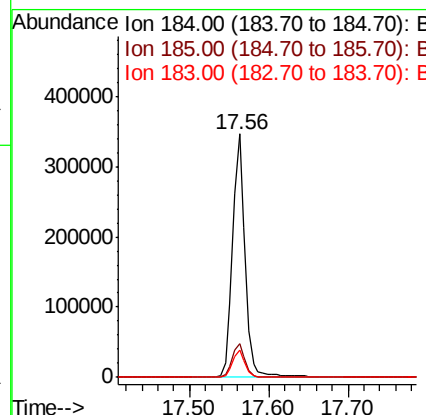
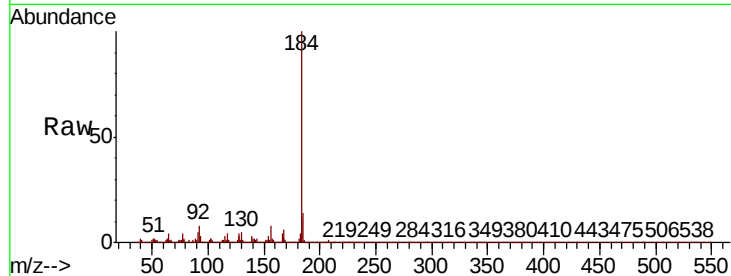
ClientSampleId :

SU-01-112719MSD

Tot Ion:	184	Resp:	380514
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.2	18.4
183	11.4	9.3	13.9

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#78

Pyrene

Concen: 45.499 ng

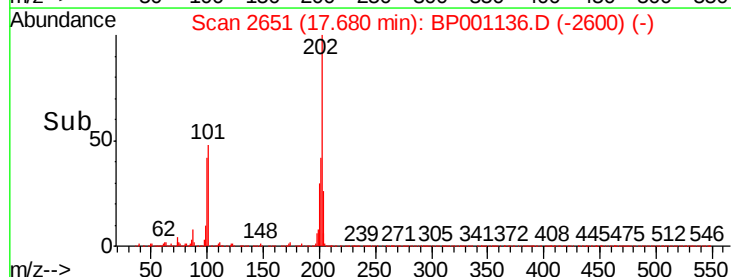
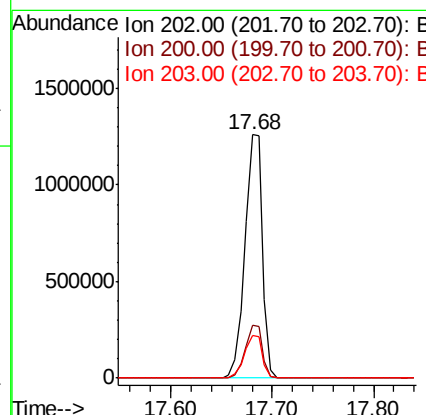
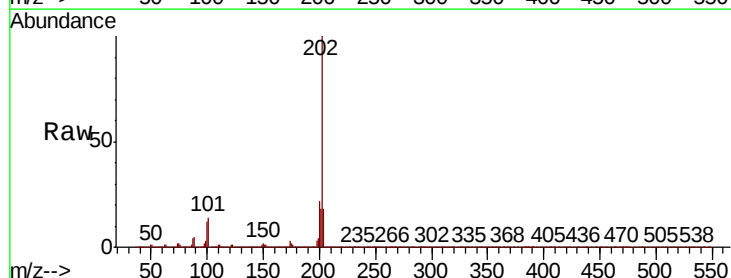
RT: 17.68 min Scan# 2651

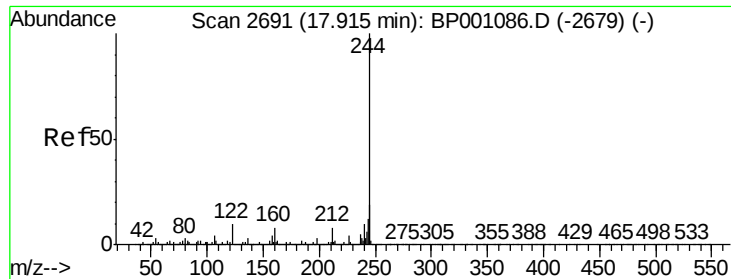
Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:	202	Resp:	1496913
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.0	25.6
203	17.8	14.1	21.1





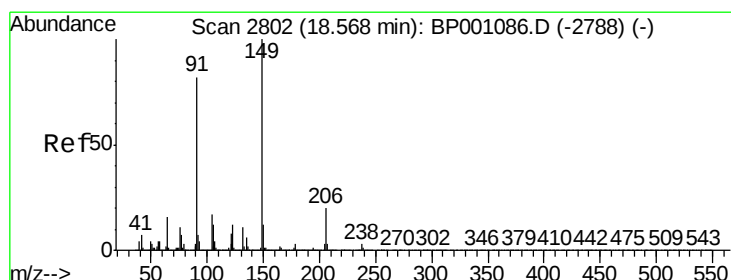
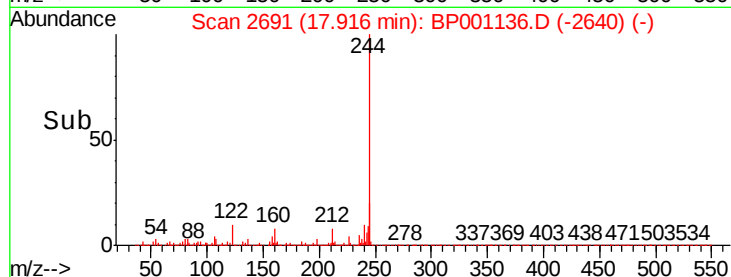
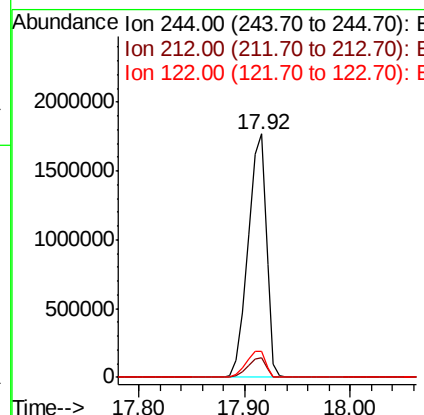
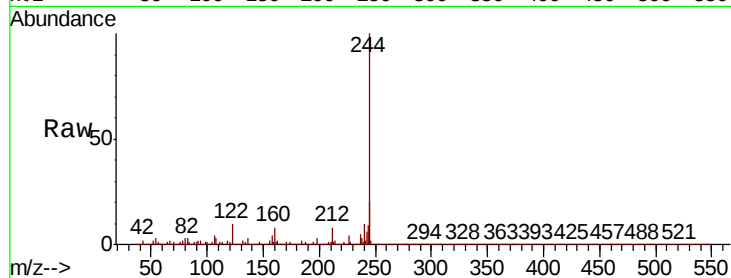
#79
 Terphenyl-d14
 Concen: 93.708 ng
 RT: 17.92 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Instrument :
 BNA_P
 ClientSampleId :
 SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	10.5	8.2	12.2

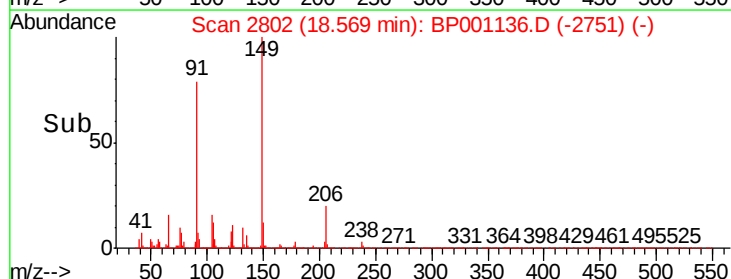
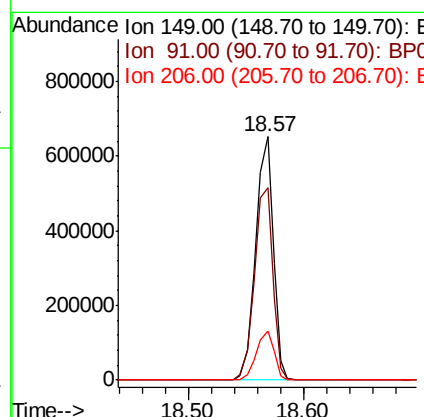
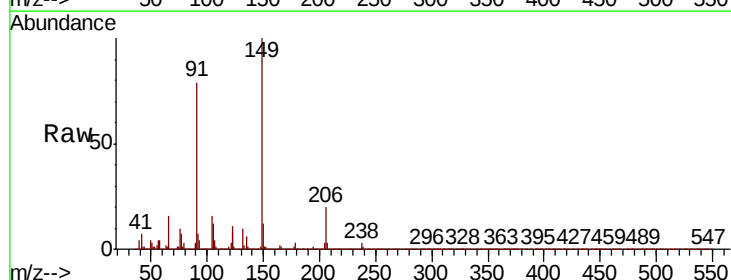
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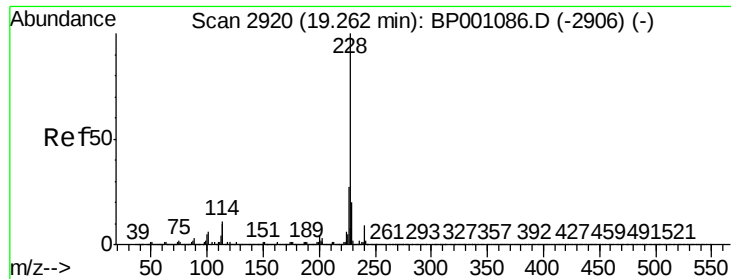
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#80
 Butylbenzylphthalate
 Concen: 45.526 ng
 RT: 18.57 min Scan# 2802
 Delta R.T. 0.00 min
 Lab File: BP001136.D
 Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.1	65.4	98.2
206	20.1	16.0	24.0





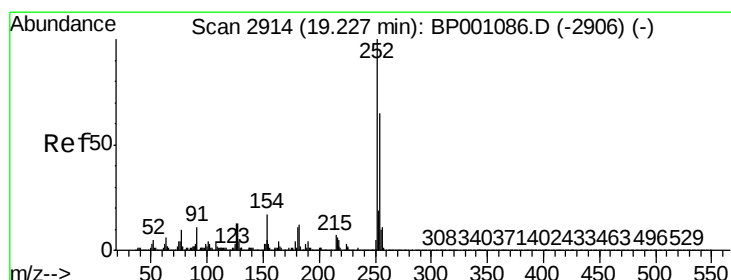
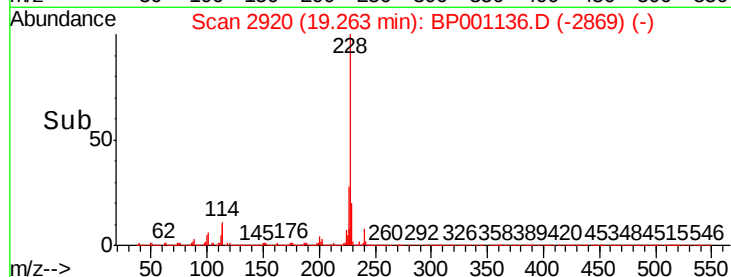
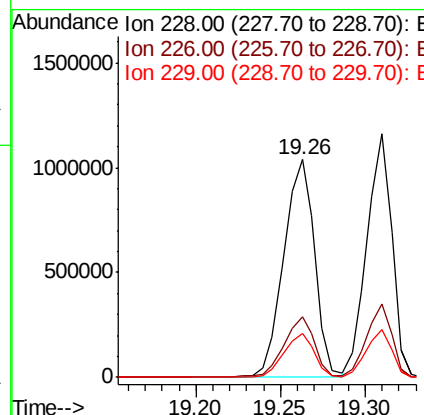
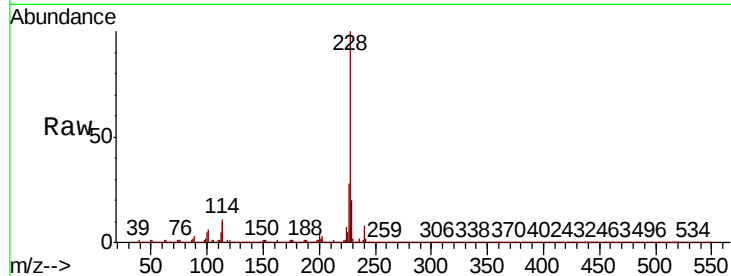
#81
Benzo(a)anthracene
Concen: 45.720 ng
RT: 19.26 min Scan# 2920
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.8	32.6
229	20.1	15.8	23.6

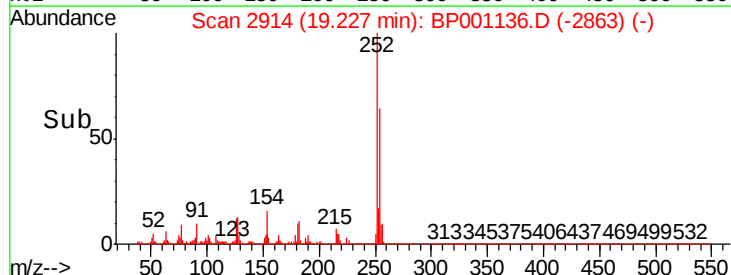
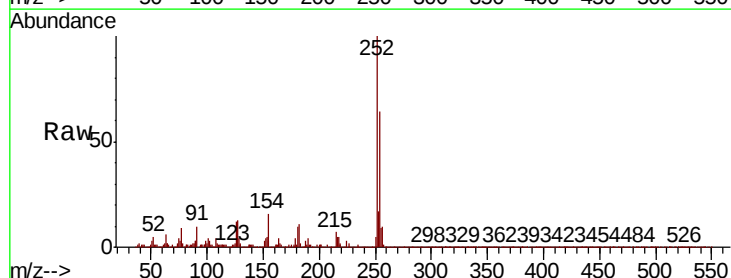
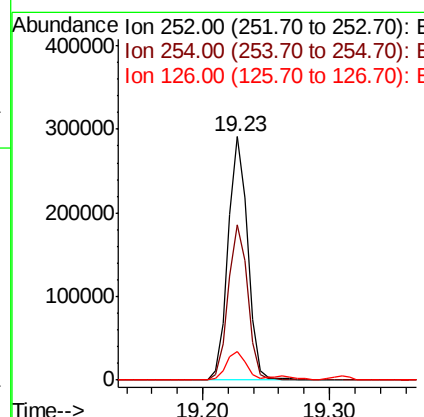
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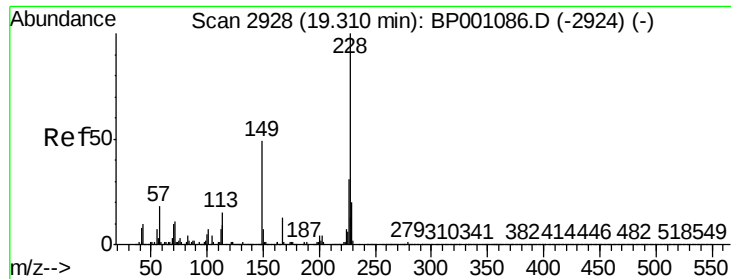
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#82
3,3'-Dichlorobenzidine
Concen: 32.674 ng
RT: 19.23 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.7	77.5
126	11.7	10.2	15.4





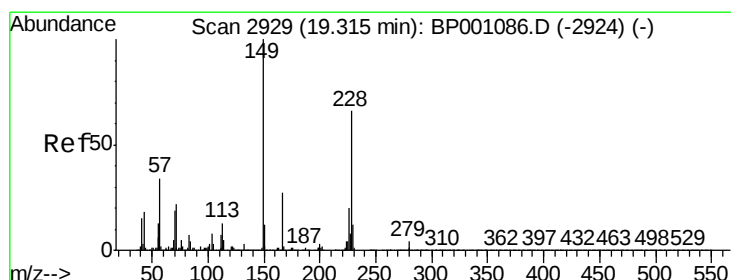
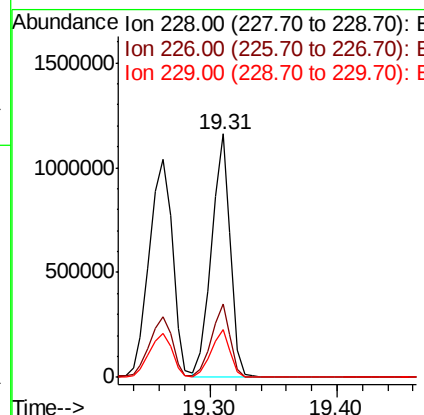
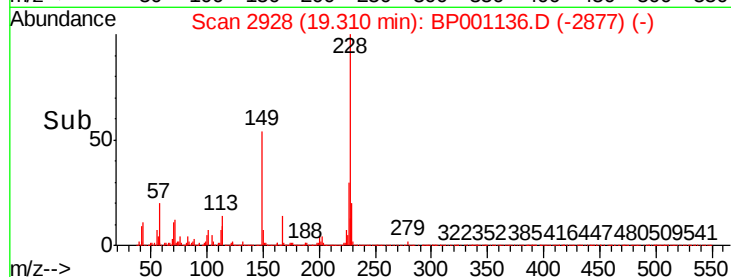
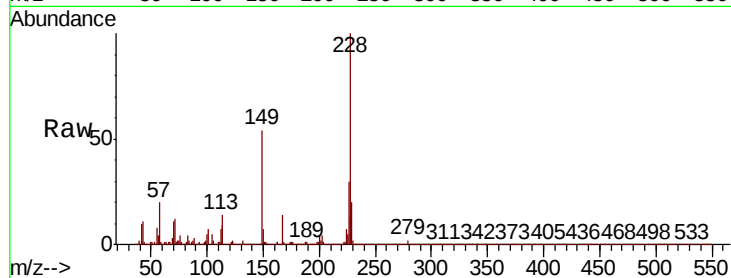
#83
Chrysene
Concen: 46.413 ng
RT: 19.31 min Scan# 2928
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.4	36.6
229	19.7	15.7	23.5

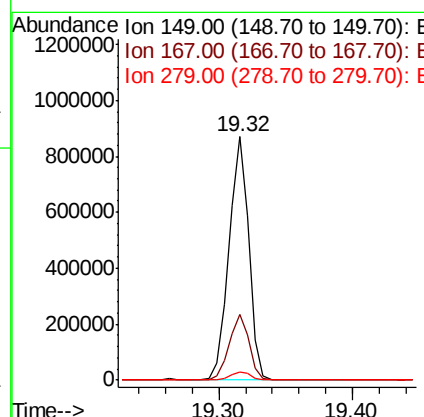
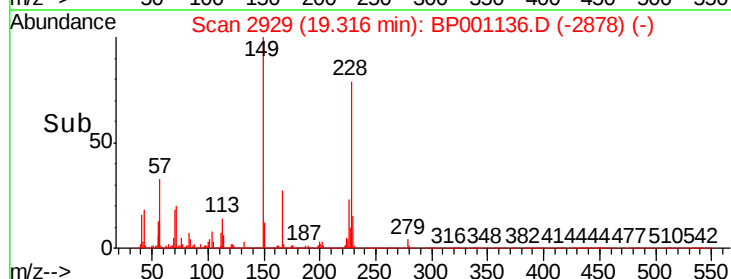
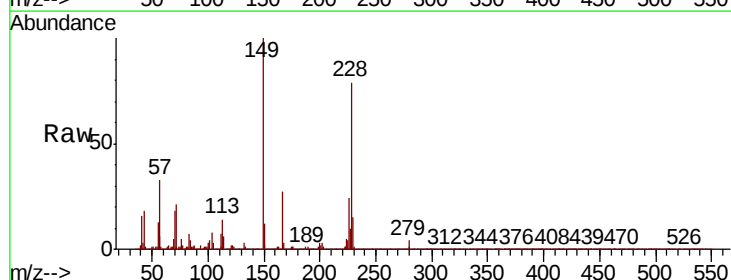
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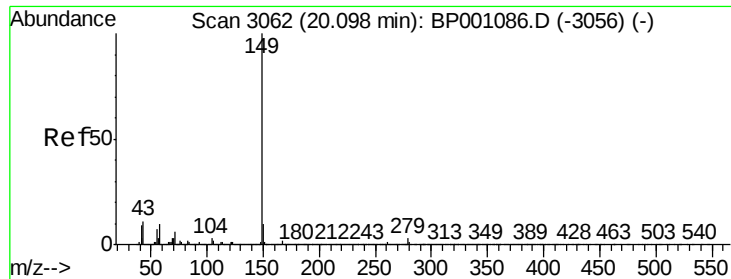
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.704 ng
RT: 19.32 min Scan# 2929
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.3	31.9
279	3.5	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 44.905 ng

RT: 20.10 min Scan# 3062

Delta R.T. 0.00 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

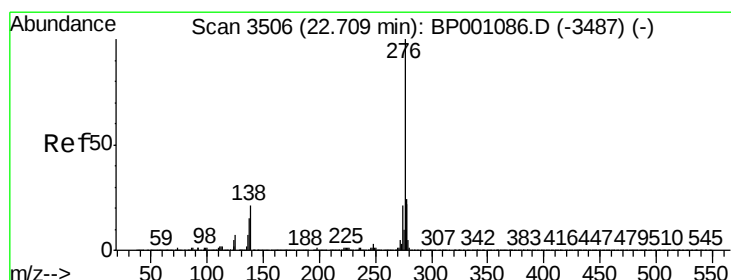
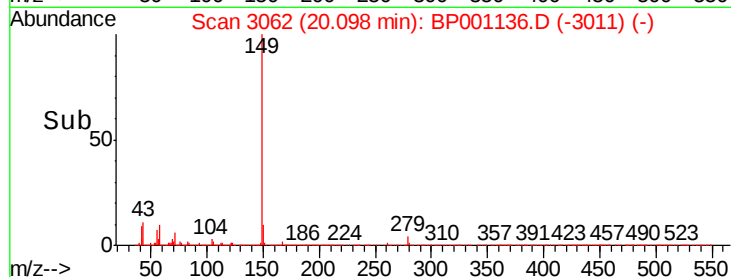
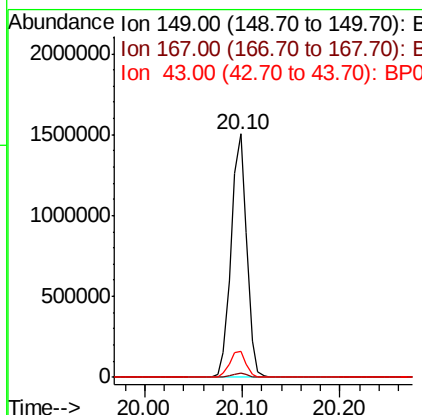
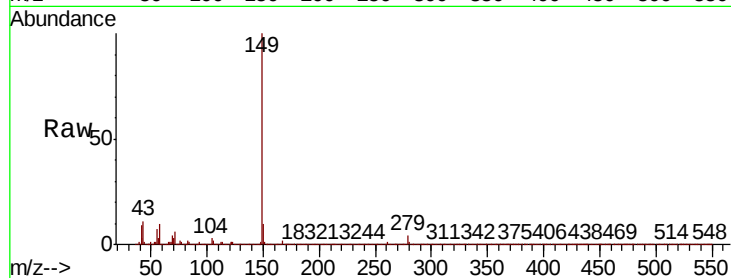
ClientSampleId :

SU-01-112719MSD

Tot Ion:	149	Resp:	1666583
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	11.1	8.5	12.7

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#86

Indeno(1,2,3-cd)pyrene

Concen: 46.279 ng

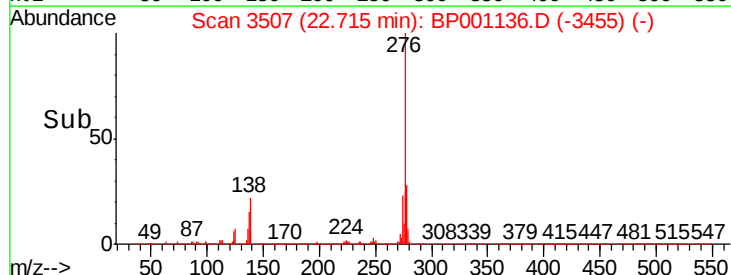
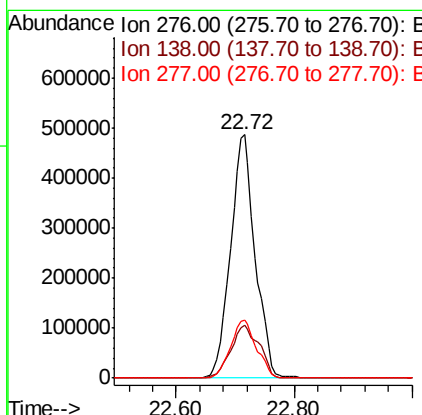
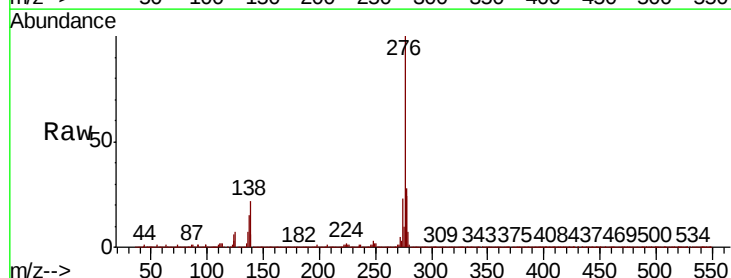
RT: 22.72 min Scan# 3507

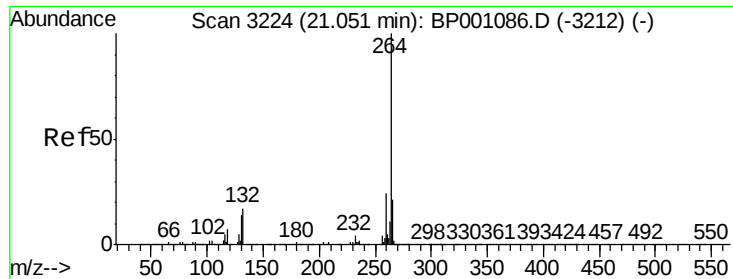
Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Tgt Ion:	276	Resp:	1414466
Ion Ratio	Lower	Upper	
276	100		
138	25.0	20.6	30.8
277	25.2	20.0	30.0





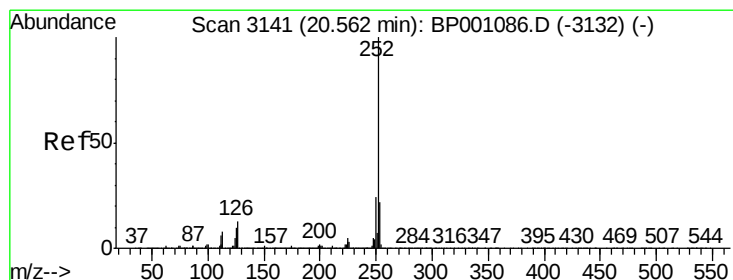
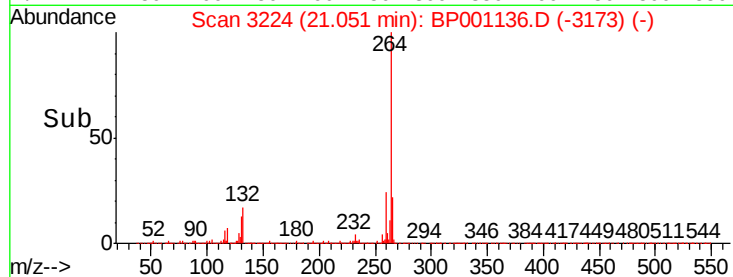
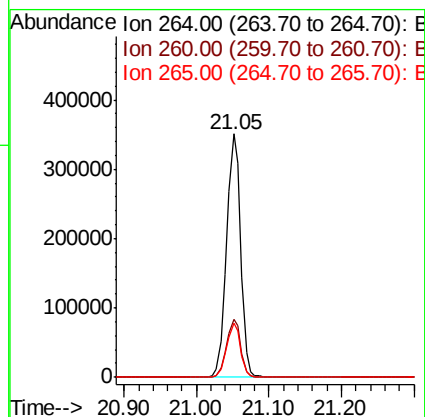
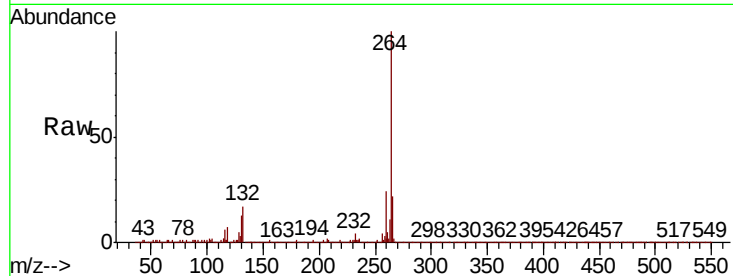
#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.05 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	22.3	16.9	25.3

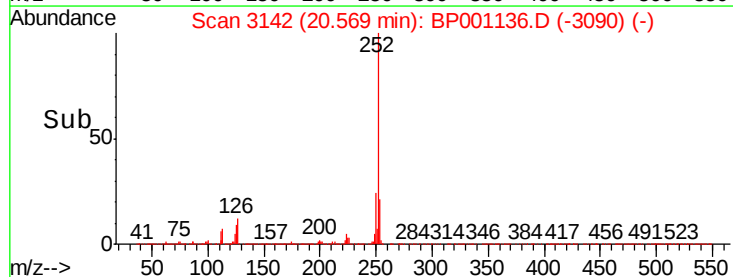
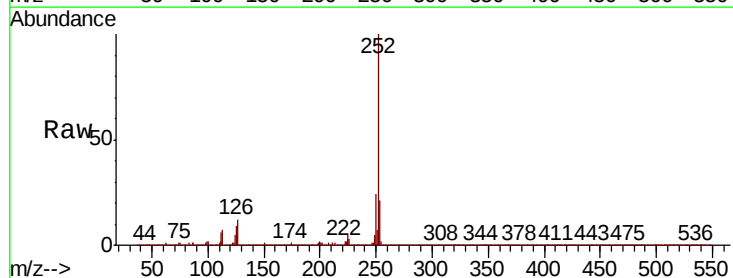
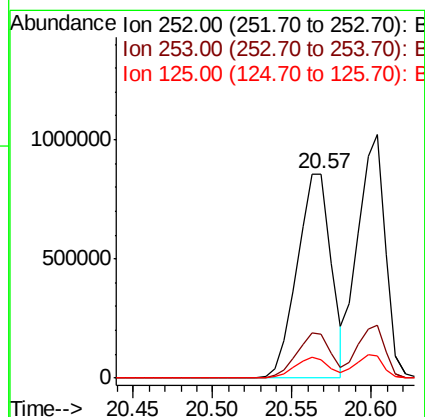
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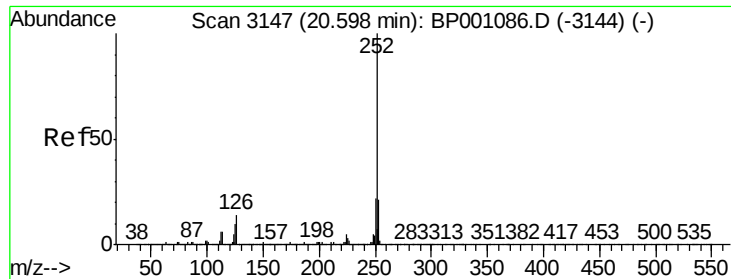
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#88
Benzo(b)fluoranthene
Concen: 43.872 ng
RT: 20.57 min Scan# 3142
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.0
125	9.1	8.1	12.1





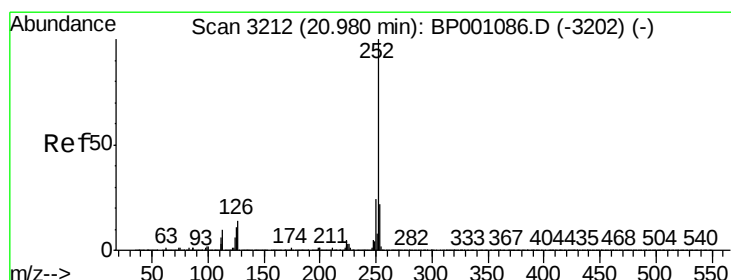
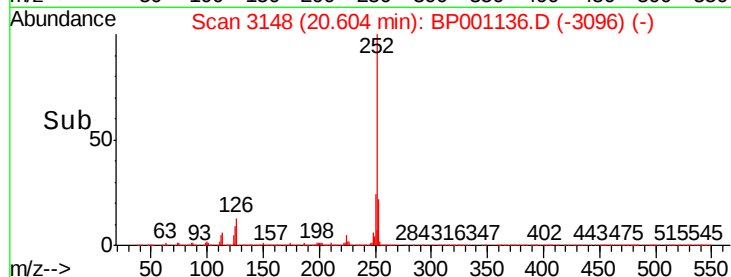
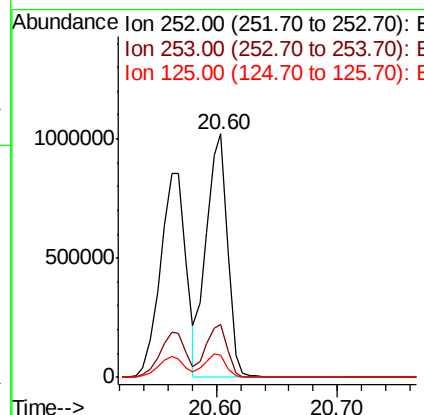
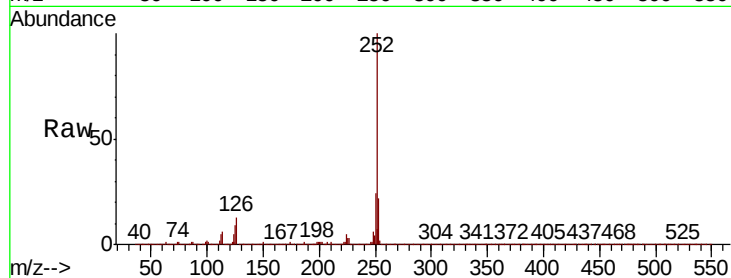
#89
Benzo(k)fluoranthene
Concen: 44.467 ng
RT: 20.60 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Instrument :
BNA_P
ClientSampleId :
SU-01-112719MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	9.1	8.2	12.2

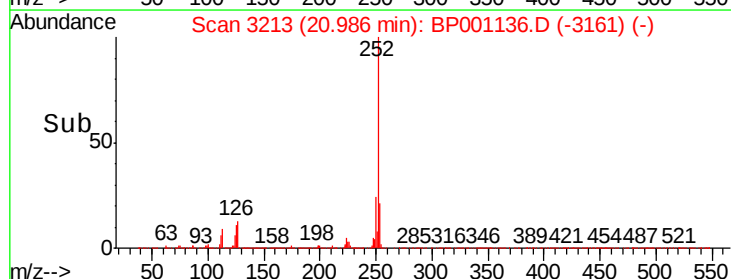
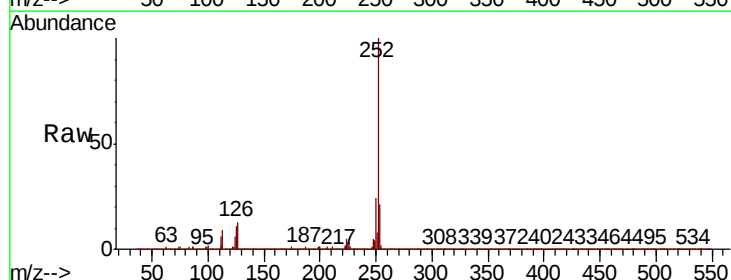
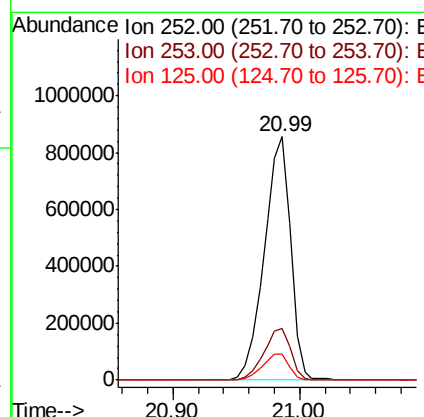
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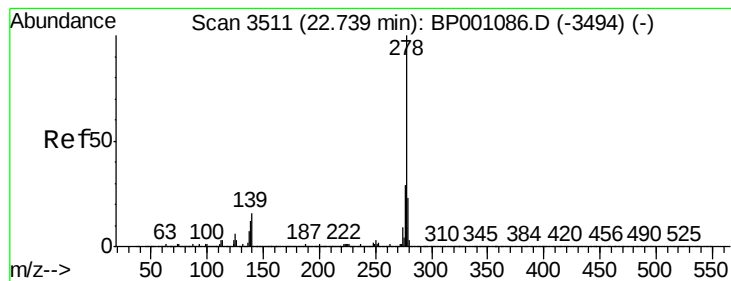
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#90
Benzo(a)pyrene
Concen: 46.125 ng
RT: 20.99 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BP001136.D
Acq: 02 Dec 2019 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.0
125	10.8	8.7	13.1





#91

Dibenzo(a,h)anthracene

Concen: 45.020 ng

RT: 22.74 min Scan# 3512

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

Instrument :

BNA_P

ClientSampleId :

SU-01-112719MSD

Tot Ion:278 Resp: 1176593

Ion Ratio Lower Upper

278 100

139 15.6 13.0 19.4

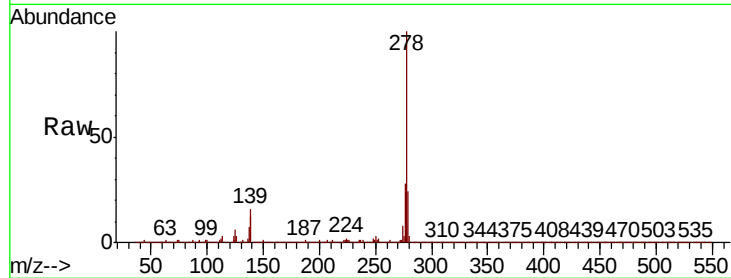
279 24.1 18.7 28.1

Manual Integrations

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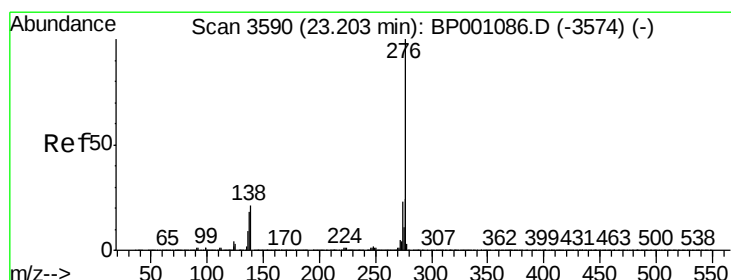
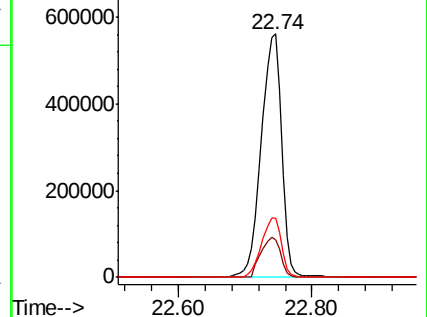
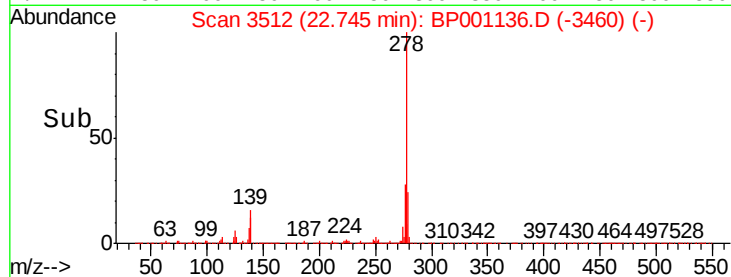
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Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.740 ng

RT: 23.21 min Scan# 3591

Delta R.T. 0.01 min

Lab File: BP001136.D

Acq: 02 Dec 2019 20:13

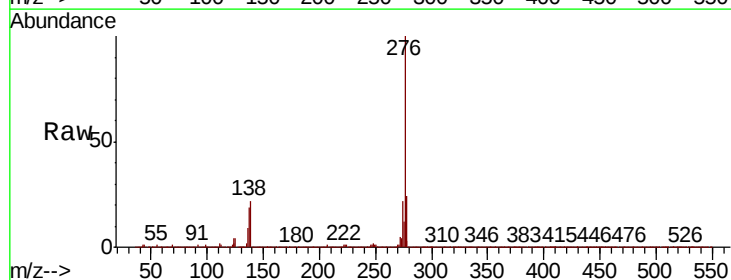
Tgt Ion:276 Resp: 1180415

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 22.0 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

