

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001044.D
 Acq On : 15 Nov 2019 16:46
 Operator : JU
 Sample : K5670-08MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-111219MSD

Manual Integrations
 APPROVED

mohammad
 11/18/2019 3:06:25 PM

Quant Time: Nov 16 03:50:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	194054	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	700027	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	424379	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	860059	20.00	ng	0.00
76) Chrysene-d12	19.29	240	701396	20.00	ng	0.00
87) Perylene-d12	21.07	264	742413	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	1469200	137.81	ng	0.02
7) Phenol-d6	7.83	99	1891175	140.28	ng	0.01
23) Nitrobenzene-d5	9.25	82	1168715	92.35	ng	-0.01
42) 2,4,6-Tribromophenol	14.56	330	845320	166.86	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2583639	91.69	ng	-0.01
79) Terphenyl-d14	17.93	244	3555529	100.83	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.02	88	158920	34.284	ng	# 86
3) Pyridine	3.80	79	375290	30.622	ng	96
4) n-Nitrosodimethylamine	3.70	42	200613	46.967	ng	85
6) Aniline	7.92	93	46399	2.635	ng	98
8) 2-Chlorophenol	8.04	128	547989	48.471	ng	98
9) Benzaldehyde	7.67	77	195545	20.788	ng	99
10) Phenol	7.85	94	750761	50.912	ng	92
11) bis(2-Chloroethyl)ether	7.98	93	502623	43.784	ng	98
12) 1,3-Dichlorobenzene	8.27	146	539432	38.032	ng	97
13) 1,4-Dichlorobenzene	8.40	146	554200	38.791	ng	99
14) 1,2-Dichlorobenzene	8.63	146	526558	39.854	ng	98
15) Benzyl Alcohol	8.60	79	520131	50.628	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.83	45	436970	36.448	ng	98
17) 2-Methylphenol	8.79	107	462627	48.197	ng	97
18) Hexachloroethane	9.17	117	202311	38.552	ng	97
19) n-Nitroso-di-n-propylamine	9.03	70	369986	45.704	ng	98
20) 3+4-Methylphenols	9.03	107	591641	49.684	ng	98
22) Acetophenone	9.01	105	815164	45.089	ng	# 97
24) Nitrobenzene	9.27	77	588120	46.315	ng	96
25) Isophorone	9.67	82	1070097	45.941	ng	98
26) 2-Nitrophenol	9.79	139	283197	59.681	ng	95
27) 2,4-Dimethylphenol	9.87	122	488151	54.935	ng	95
28) bis(2-Chloroethoxy)methane	10.03	93	636153	41.771	ng	99
29) 2,4-Dichlorophenol	10.17	162	524302	48.884	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	562841	42.717	ng	98
31) Naphthalene	10.43	128	1558274	44.554	ng	100
32) Benzoic acid	10.07	122	319883	57.750	ng	99
33) 4-Chloroaniline	10.53	127	97749	6.518	ng	97
34) Hexachlorobutadiene	10.65	225	373459	42.901	ng	99
35) Caprolactam	11.10	113	155774m	46.016	ng	
36) 4-Chloro-3-methylphenol	11.34	107	578253	51.921	ng	95
37) 2-Methylnaphthalene	11.56	142	1138562	46.510	ng	98
38) 1-Methylnaphthalene	11.72	142	1090269	47.135	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	621871	44.008	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	722923	102.122	nq	99
43) 2,4,6-Trichlorophenol	12.03	196	424806	49.860	nq	98
44) 2,4,5-Trichlorophenol	12.09	196	460289	50.530	nq	100
46) 1,1'-Biphenyl	12.33	154	1455071	45.855	nq	98
47) 2-Chloronaphthalene	12.35	162	1130428	44.253	nq	98
48) 2-Nitroaniline	12.52	65	309899	46.348	nq	97
49) Acenaphthylene	13.03	152	1830386	47.133	nq	99
50) Dimethylphthalate	12.86	163	1720890	54.840	nq	100
51) 2,6-Dinitrotoluene	12.93	165	323017	49.348	nq	91
52) Acenaphthene	13.32	154	1072767	46.186	nq	99
53) 3-Nitroaniline	13.19	138	110270	15.445	nq	99
54) 2,4-Dinitrophenol	13.37	184	275201	130.514	nq	# 85
55) Dibenzofuran	13.60	168	1701564	46.902	nq	95
56) 4-Nitrophenol	13.49	139	523852	105.512	nq	89
57) 2,4-Dinitrotoluene	13.59	165	431320	52.460	nq	# 94
58) Fluorene	14.16	166	1359468	47.084	nq	100
59) 2,3,4,6-Tetrachlorophenol	13.80	232	415394	53.632	nq	94
60) Diethylphthalate	14.02	149	1504110	47.718	nq	98
61) 4-Chlorophenyl-phenylether	14.18	204	721398	47.254	nq	98
62) 4-Nitroaniline	12.52	138	357440	46.694	nq	95
63) Azobenzene	14.44	77	1239598	44.934	nq	97
65) 4,6-Dinitro-2-methylphenol	14.26	198	196429	67.571	nq	99
66) n-Nitrosodiphenylamine	14.37	169	1198466	48.465	nq	99
67) 4-Bromophenyl-phenylether	14.97	248	481913	47.598	nq	97
68) Hexachlorobenzene	15.06	284	555931	47.382	nq	97
69) Atrazine	15.26	200	436597	48.490	nq	98
70) Pentachlorophenol	15.37	266	643410	123.193	nq	99
71) Phenanthrene	15.69	178	2075550	47.151	nq	99
72) Anthracene	15.77	178	2112345	49.192	nq	99
73) Carbazole	16.02	167	1865683	47.389	nq	100
74) Di-n-butylphthalate	16.56	149	2272841	47.835	nq	99
75) Fluoranthene	17.40	202	2360359	47.440	nq	98
77) Benzidine	17.58	184	488578	18.915	nq	98
78) Pyrene	17.70	202	2311039	46.623	nq	100
80) Butylbenzylphthalate	18.58	149	990425	50.462	nq	99
81) Benzo(a)anthracene	19.28	228	2208282	46.747	nq	100
82) 3,3'-Dichlorobenzidine	19.24	252	285771	16.592	nq	98
83) Chrysene	19.33	228	1950424	47.029	nq	100
84) Bis(2-ethylhexyl)phthalate	19.33	149	1289593	51.677	nq	100
85) Di-n-octyl phthalate	20.11	149	2289267	50.957	nq	99
86) Indeno(1,2,3-cd)pyrene	22.74	276	2409318	42.458	nq	95
88) Benzo(b)fluoranthene	20.59	252	2081844	47.043	nq	# 97
89) Benzo(k)fluoranthene	20.62	252	2040490	48.982	nq	# 97
90) Benzo(a)pyrene	21.00	252	1880620	46.215	nq	98
91) Dibenzo(a,h)anthracene	22.77	278	2003761	48.246	nq	97
92) Benzo(g,h,i)perylene	23.25	276	2010768	48.081	nq	# 95

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

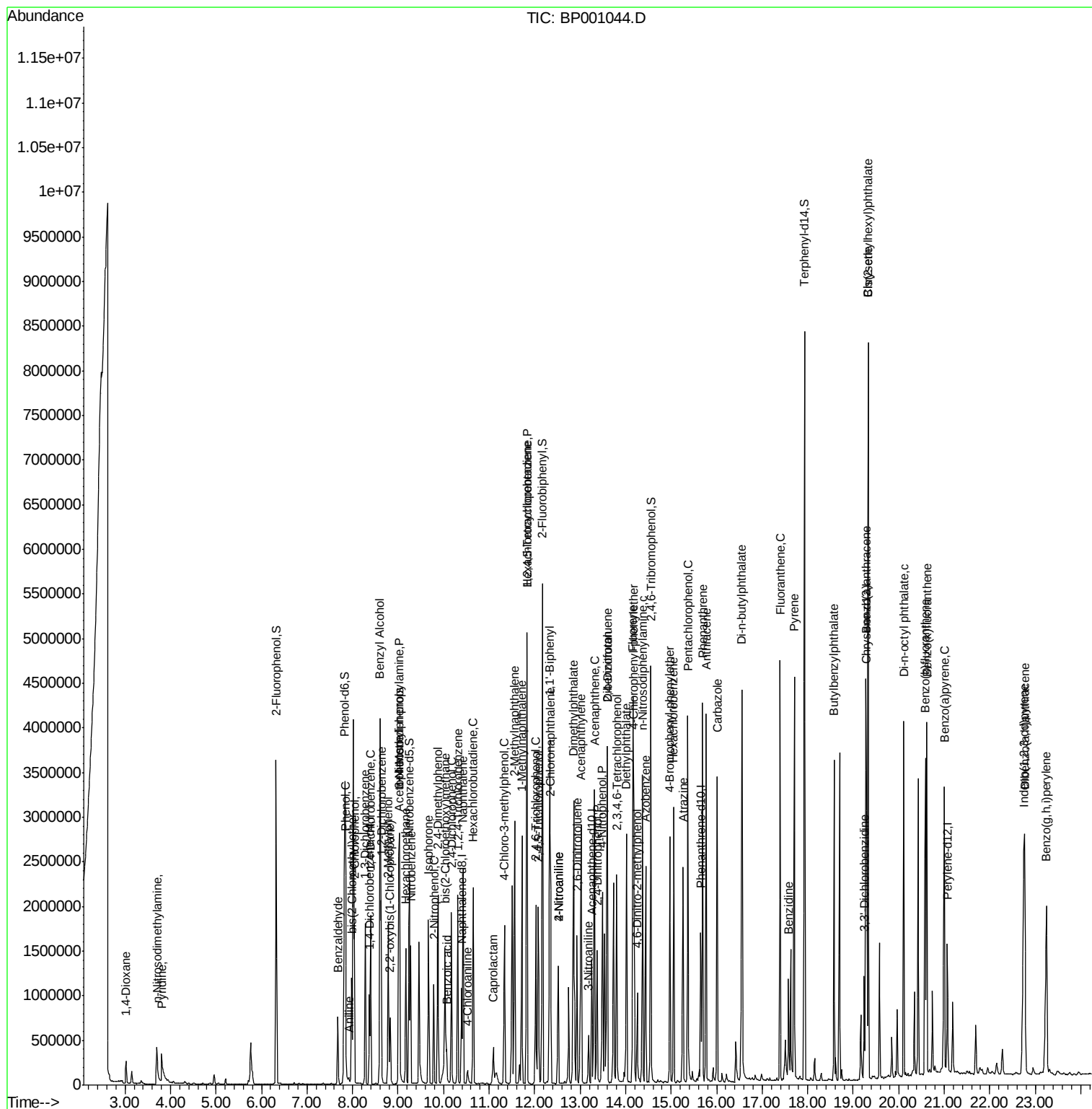
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
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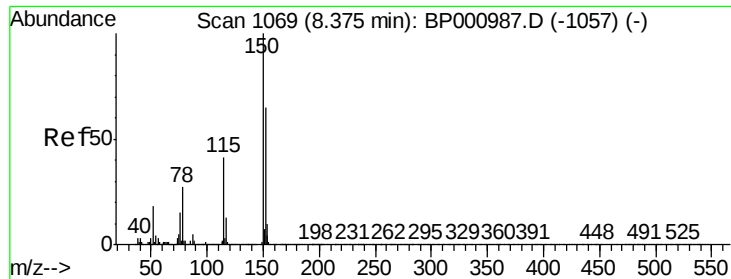
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.37 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

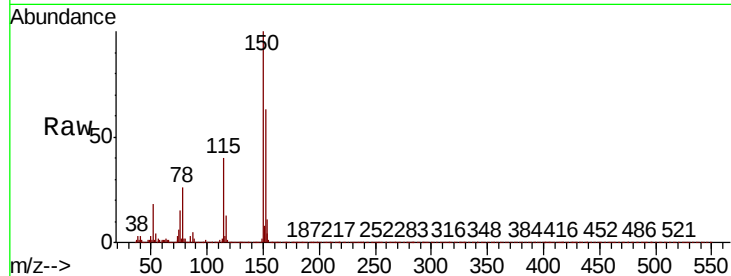
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OK-03-111219MSD

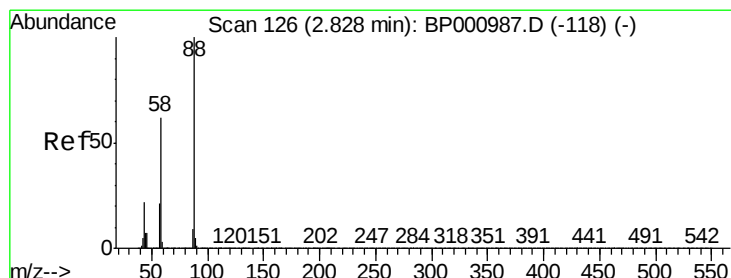
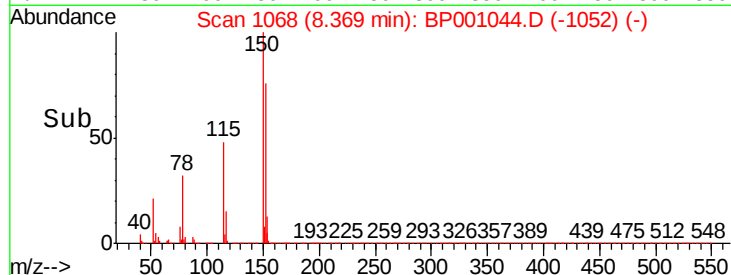
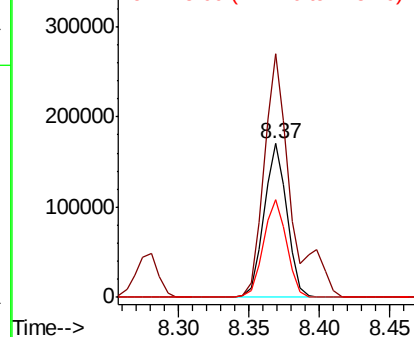
Tot Ion:	152	Resp:	194054
Ion Ratio	Lower	Upper	
152	100		
150	158.3	123.6	185.4
115	63.3	50.1	75.1

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



#2

1,4-Dioxane

Concen: 34.284 ng

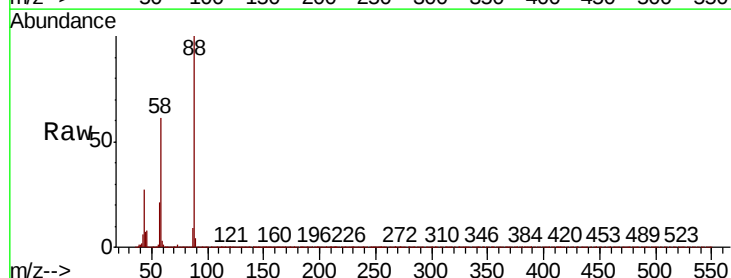
RT: 3.02 min Scan# 159

Delta R.T. 0.19 min

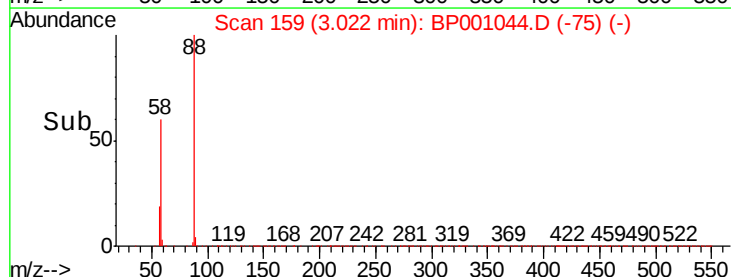
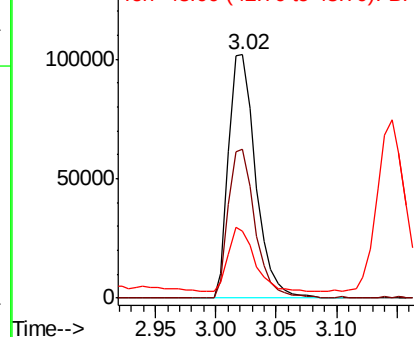
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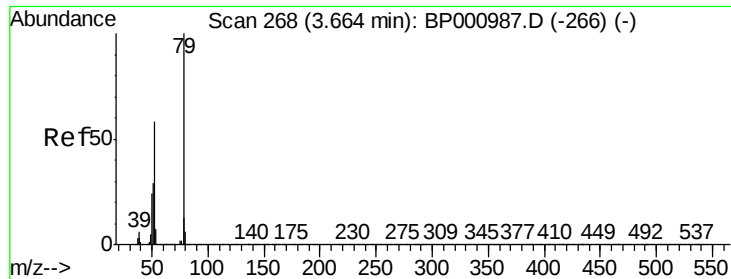
Acq: 15 Nov 2019 16:46

Tgt Ion:	88	Resp:	158920
Ion Ratio	Lower	Upper	
88	100		
58	59.9	49.8	74.8
43	0.0	17.6	26.4



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





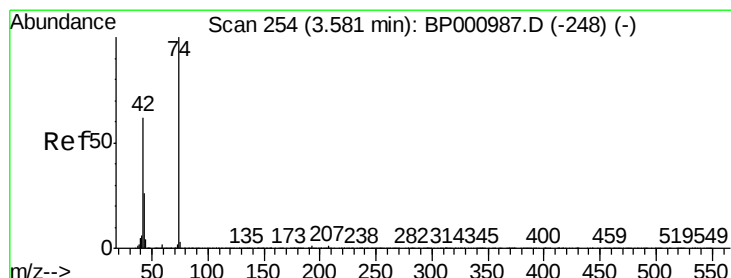
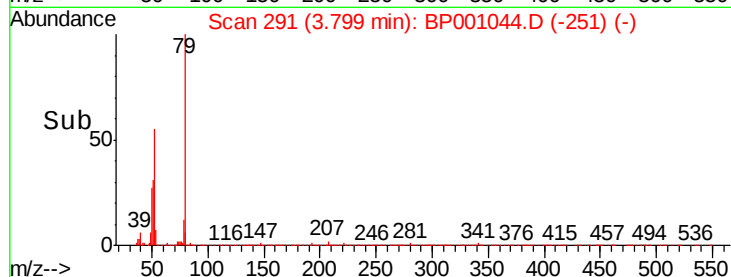
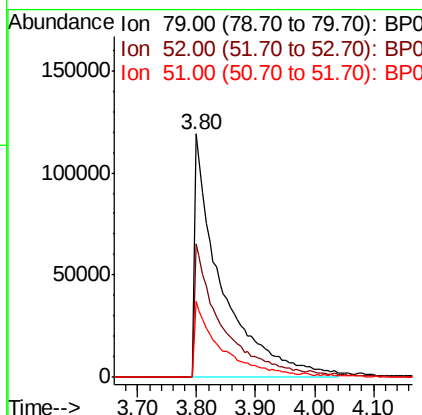
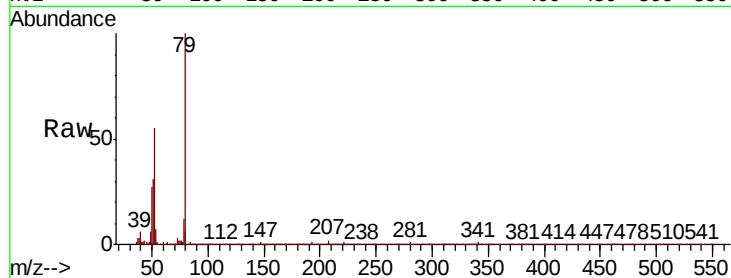
#3
Pvridine
Concen: 30.622 ng
RT: 3.80 min Scan# 291
Delta R.T. 0.13 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

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Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	54.8	46.4	69.6
51	51	31.0	23.4	35.0

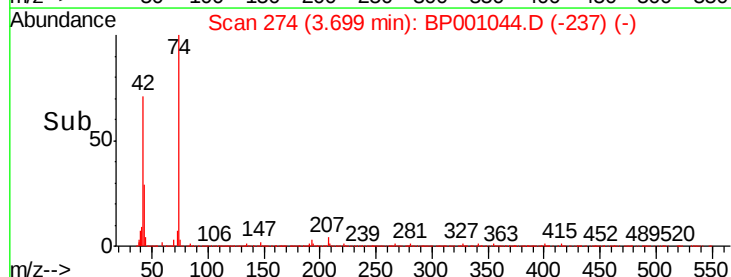
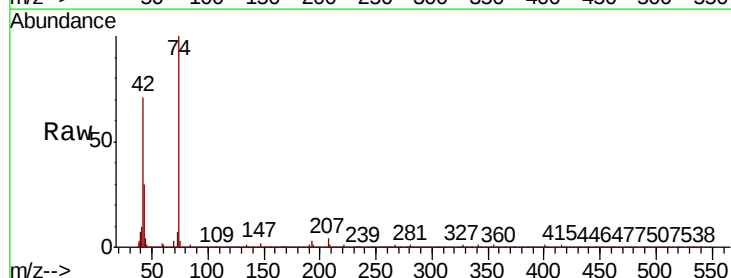
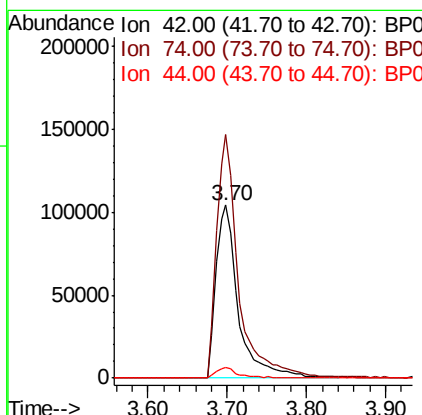
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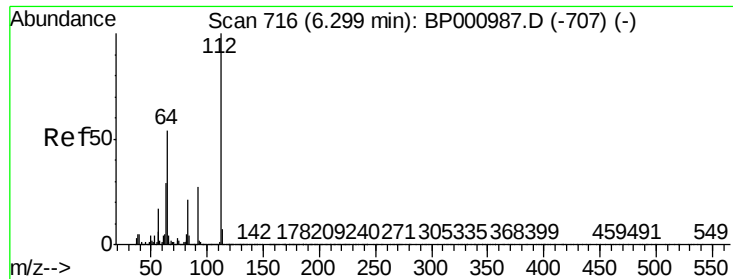
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#4
n-Nitrosodimethylamine
Concen: 46.967 ng
RT: 3.70 min Scan# 274
Delta R.T. 0.12 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	140.6	128.4	192.6
44	44	6.1	5.4	8.2





#5

2-Fluorophenol

Concen: 137.807 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

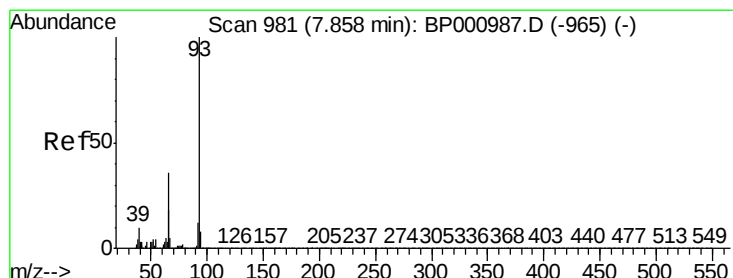
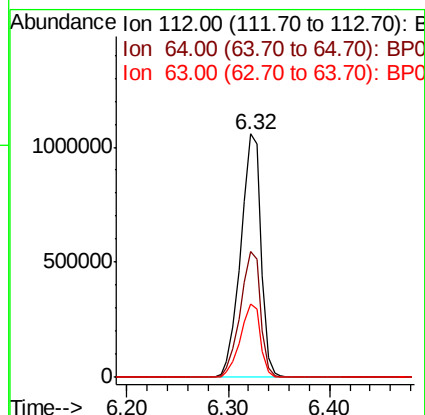
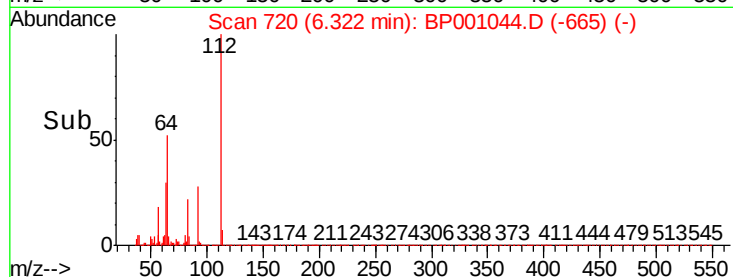
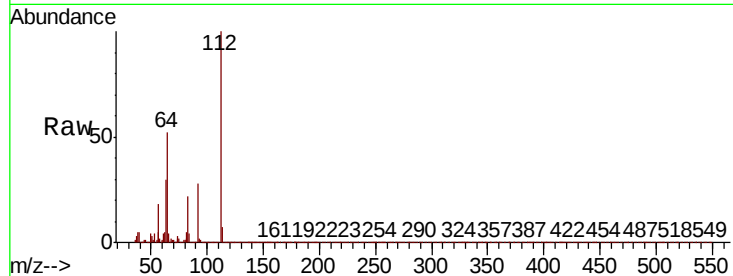
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Tot Ion:	112	Resp:	1469200
Ion	Ratio	Lower	Upper
112	100		
64	51.5	43.4	65.0
63	30.2	23.4	35.0

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#6

Aniline

Concen: 2.635 ng

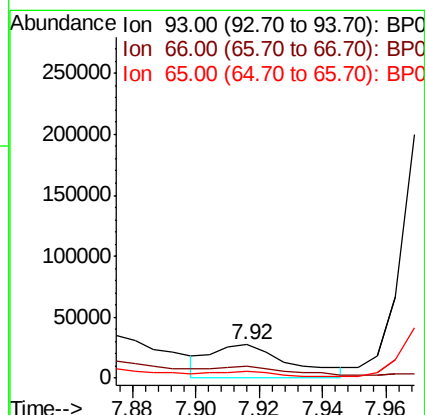
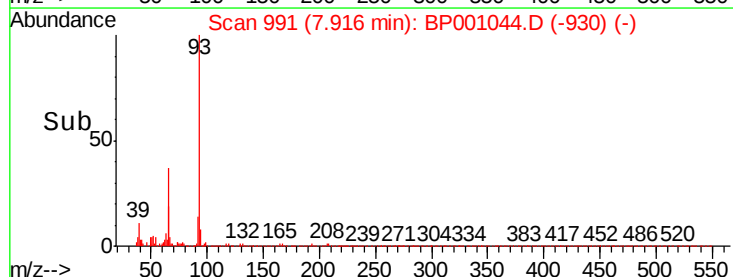
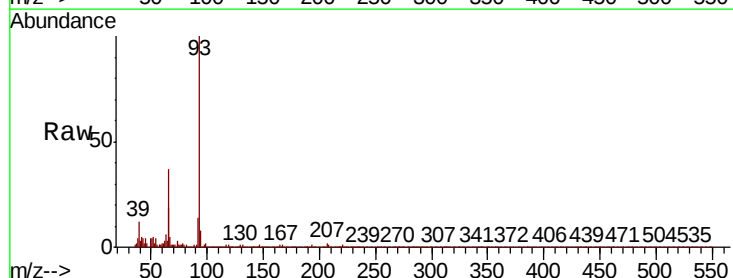
RT: 7.92 min Scan# 991

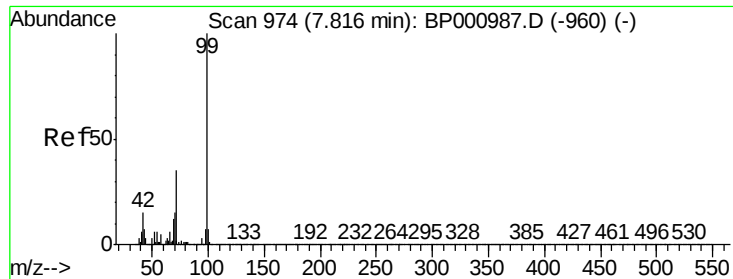
Delta R.T. 0.06 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Tgt Ion:	93	Resp:	46399
Ion	Ratio	Lower	Upper
93	100		
66	37.4	29.1	43.7
65	19.1	14.6	21.8





#7

Phenol-d6

Concen: 140.276 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

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OK-03-111219MSD

Tot Ion: 99 Resp: 1891175

Ion Ratio Lower Upper

99 100

42 16.1 11.6 17.4

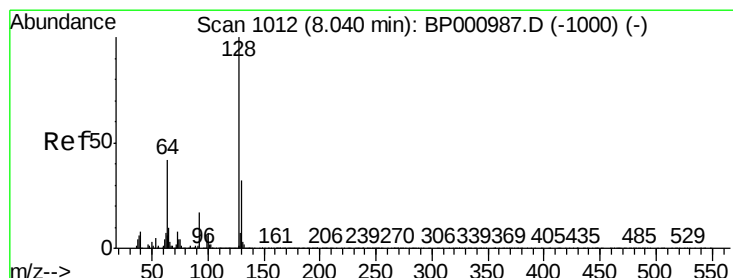
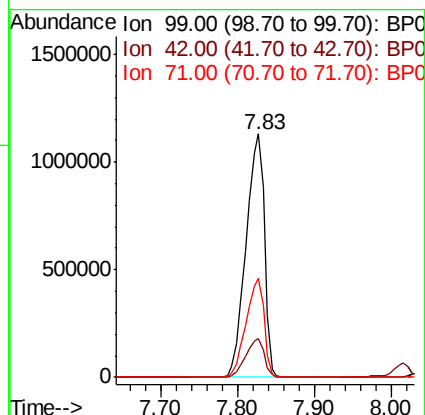
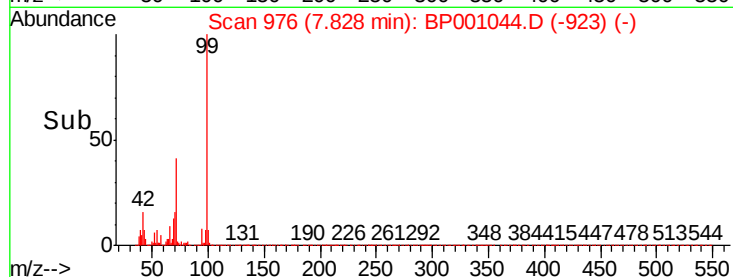
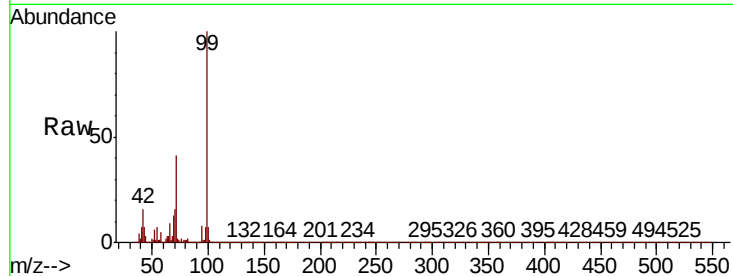
71 40.9 28.0 42.0

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#8

2-Chlorophenol

Concen: 48.471 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.00 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

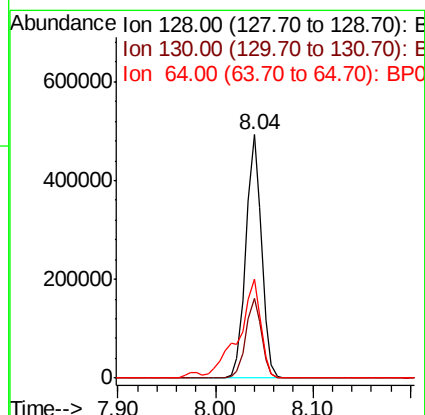
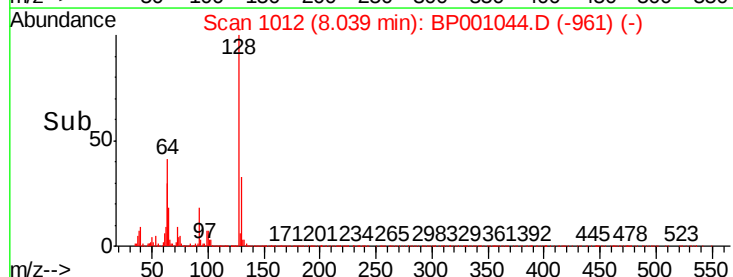
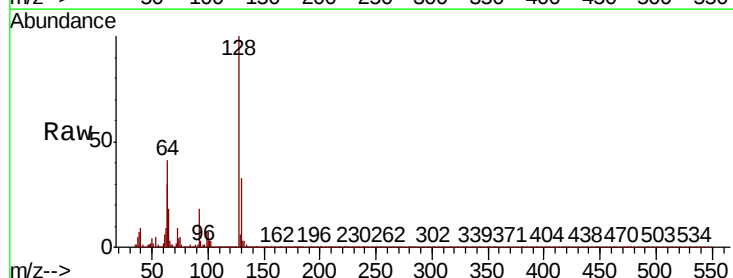
Tgt Ion: 128 Resp: 547989

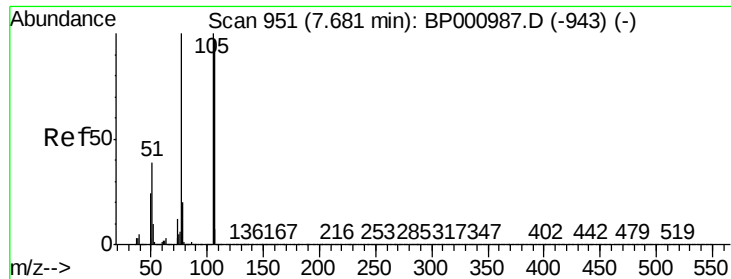
Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

64 40.8 22.7 62.7





#9

Benzaldehyde

Concen: 20.788 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

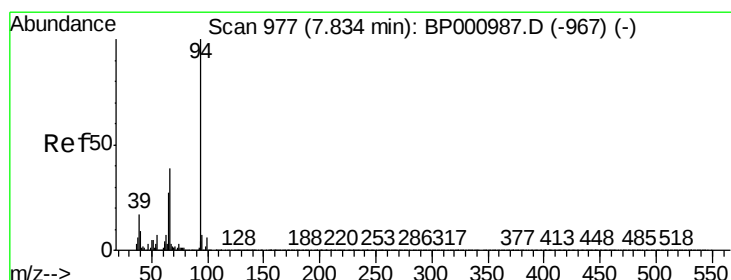
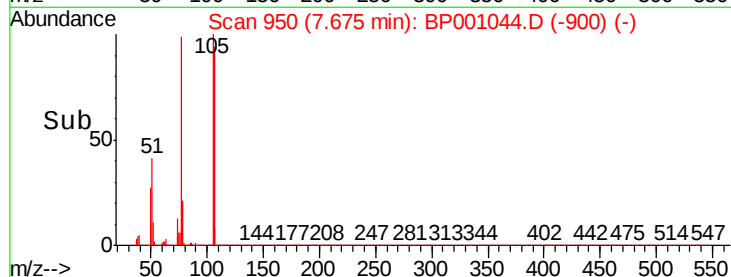
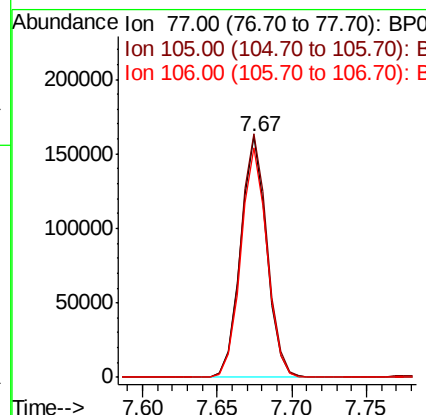
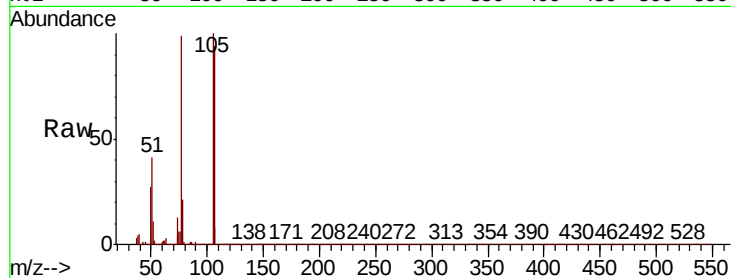
ClientSampleId :

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Tot Ion:	77	Resp:	195545
Ion Ratio	Lower	Upper	
77	100		
105	101.1	80.0	120.0
106	95.2	76.9	116.9

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#10

Phenol

Concen: 50.912 ng

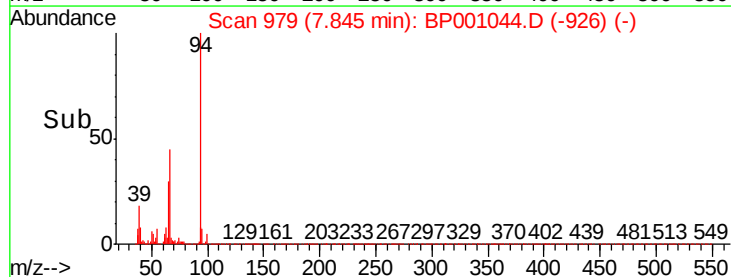
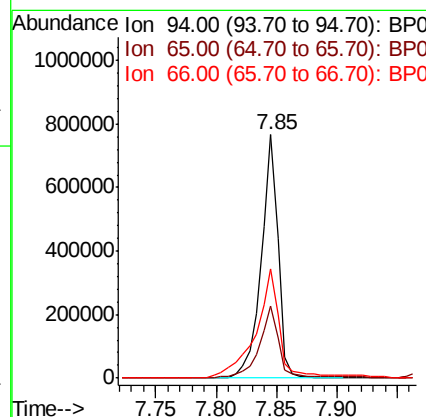
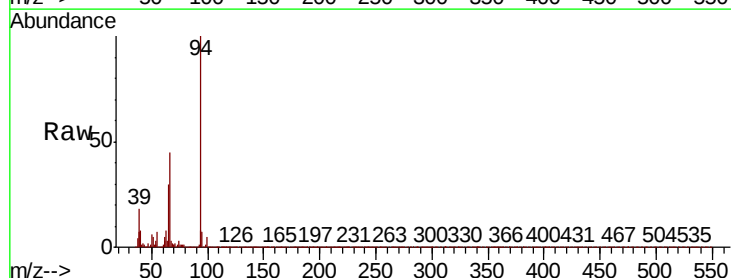
RT: 7.85 min Scan# 979

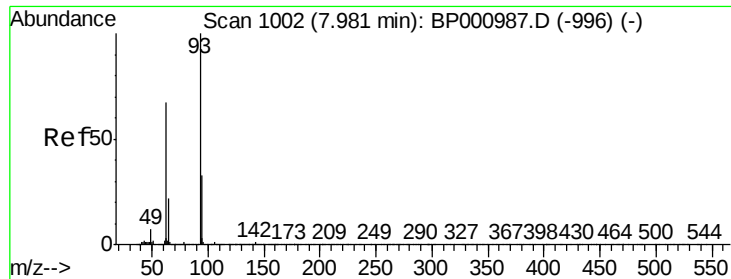
Delta R.T. 0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Tgt Ion:	94	Resp:	750761
Ion Ratio	Lower	Upper	
94	100		
65	29.8	6.7	46.7
66	44.6	18.6	58.6





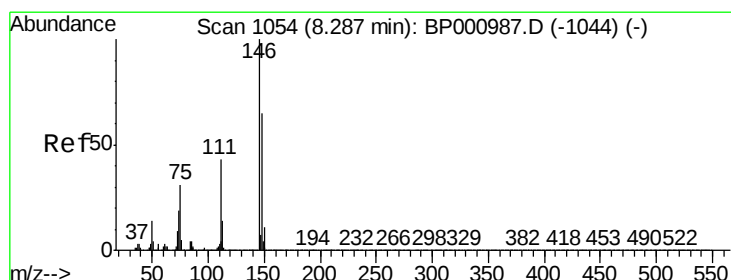
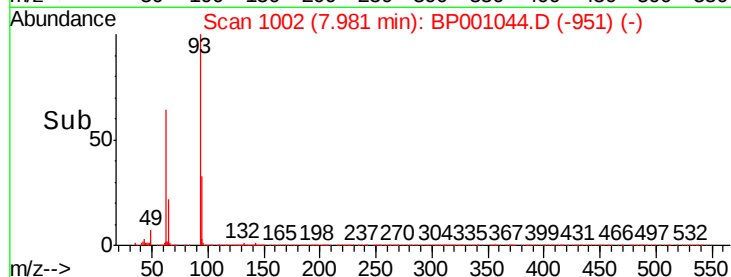
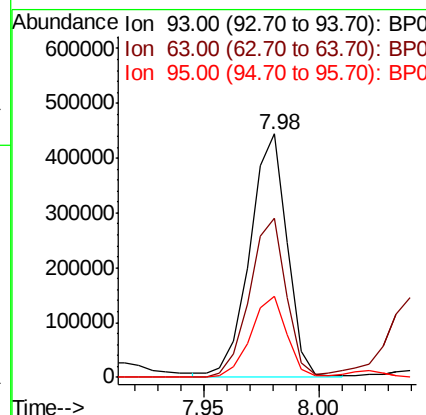
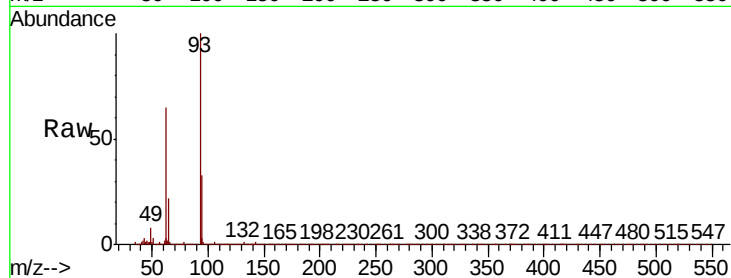
#11
bis(2-Chloroethyl)ether
Concen: 43.784 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		502623		
63	65.3	47.4		87.4	
95	33.4	12.6		52.6	

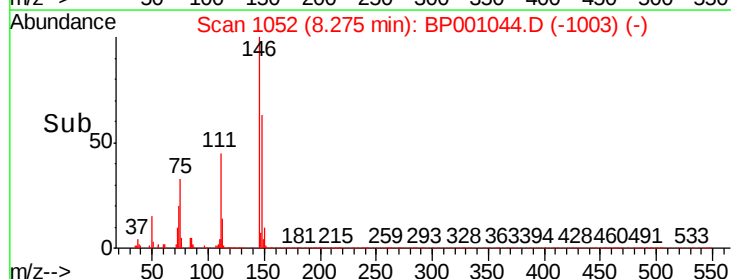
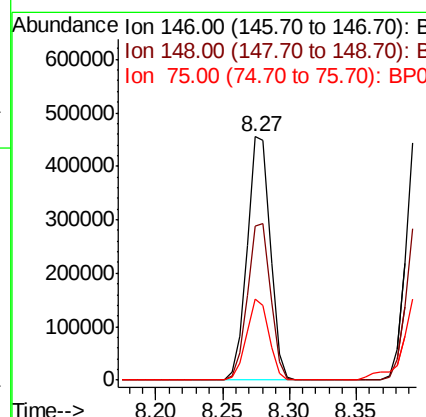
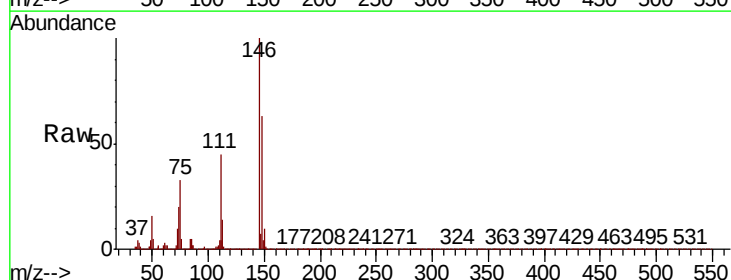
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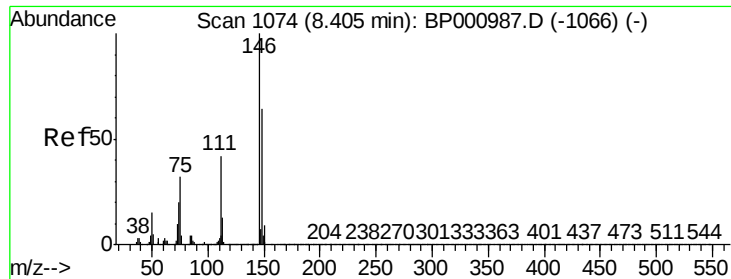
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#12
1,3-Dichlorobenzene
Concen: 38.032 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		539432		
148	63.2	52.3		78.5	
75	33.2	24.6		37.0	





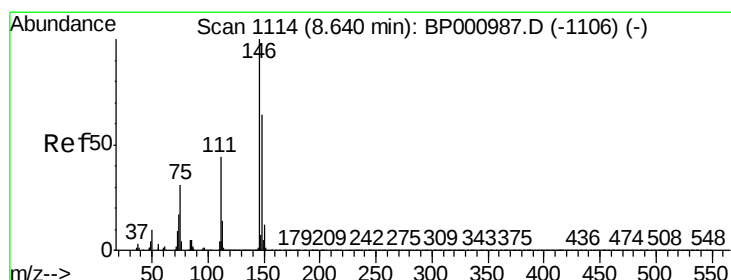
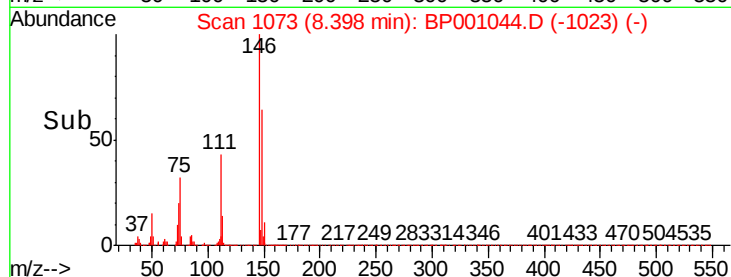
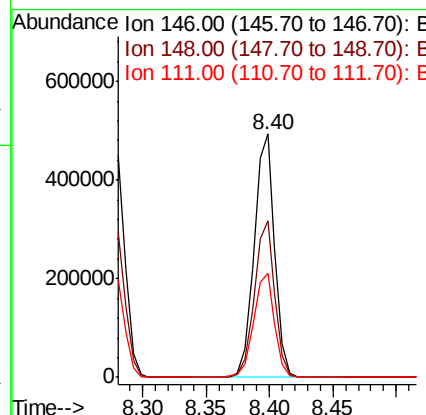
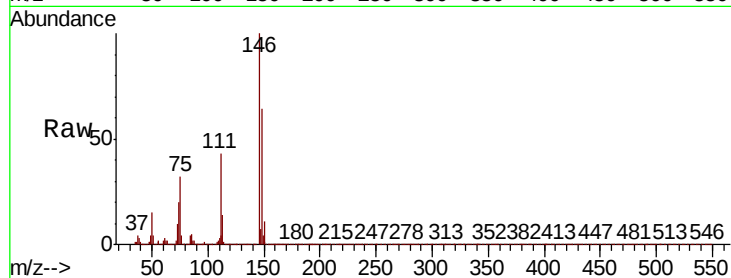
#13
1,4-Dichlorobenzene
Concen: 38.791 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.5	77.3
111	42.8	33.8	50.6

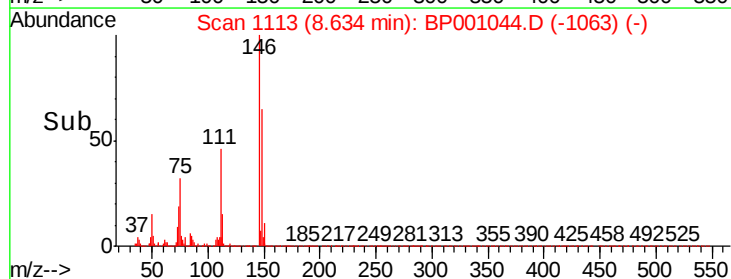
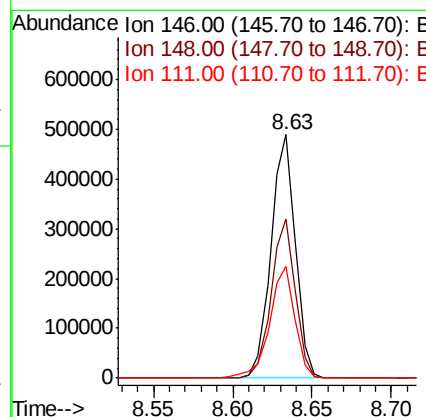
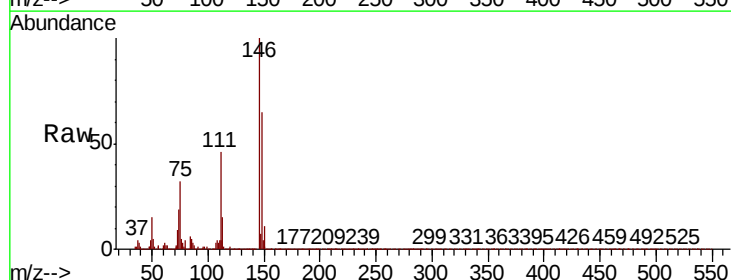
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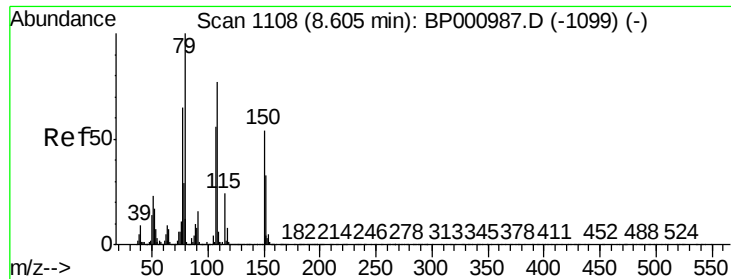
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#14
1,2-Dichlorobenzene
Concen: 39.854 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
111	46.0	35.6	53.4





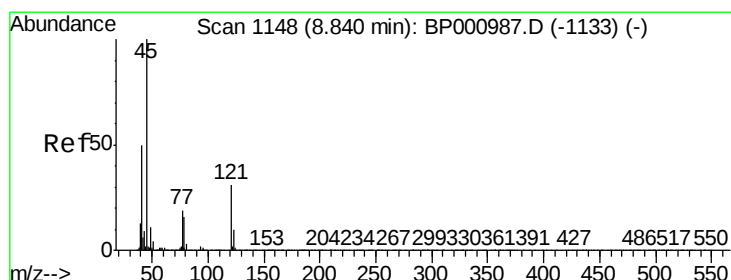
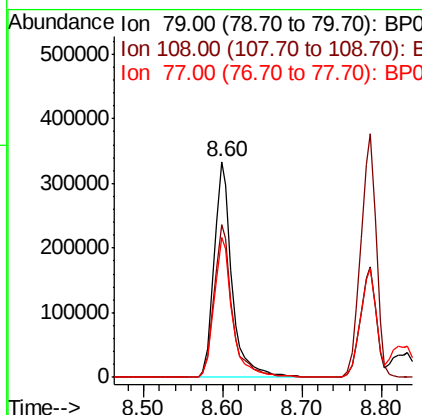
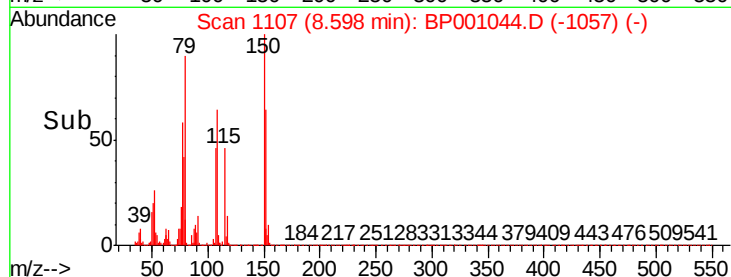
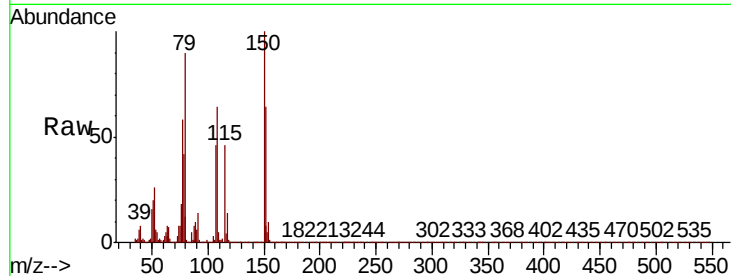
#15
Benzyl Alcohol
Concen: 50.628 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.1	62.0	93.0
77	64.7	51.9	77.9

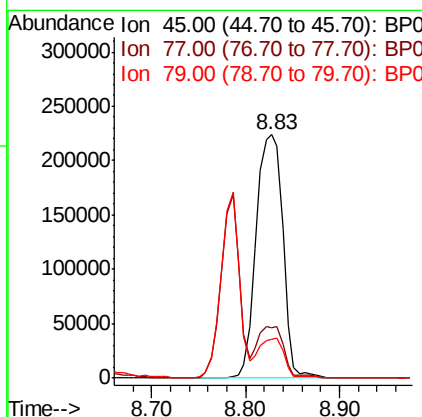
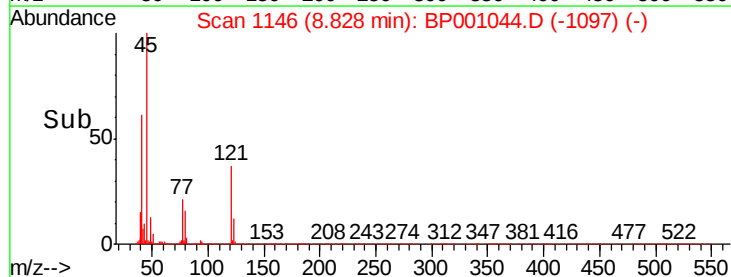
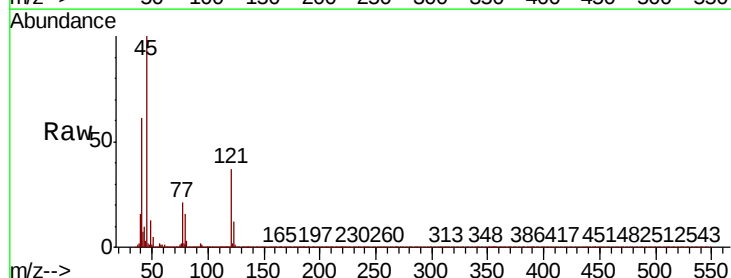
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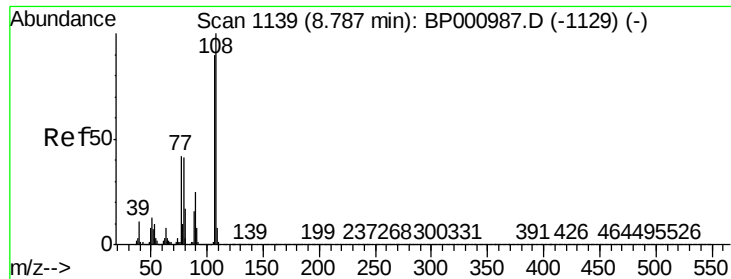
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.448 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.8	0.0	39.1
79	15.7	0.0	35.9





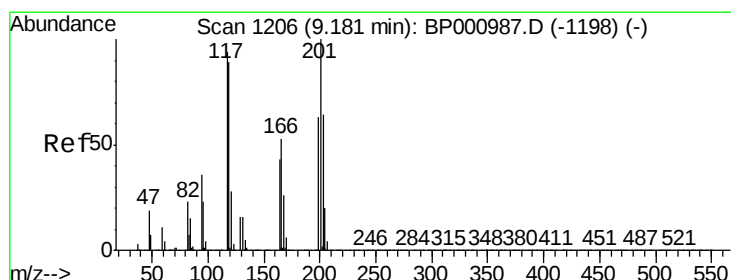
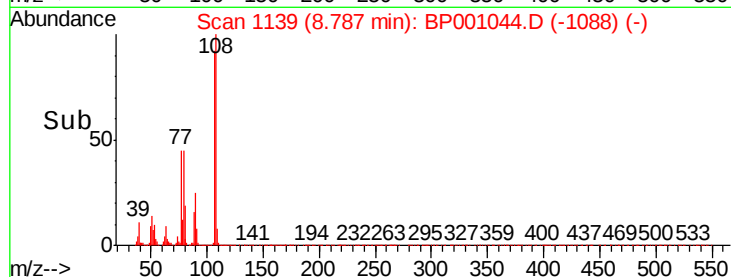
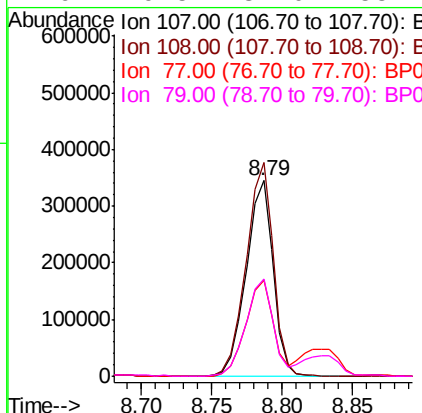
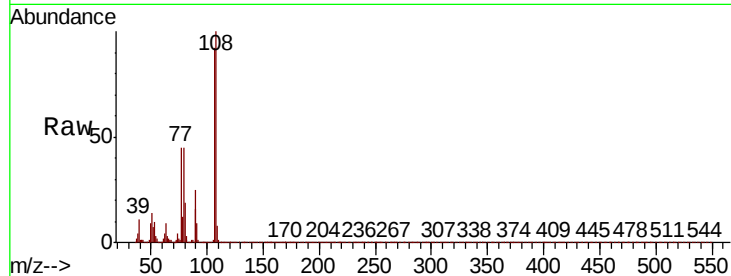
#17
2-Methylphenol
Concen: 48.197 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.1	89.3	133.9	
77	48.9	37.2	55.8	
79	49.5	37.0	55.4	

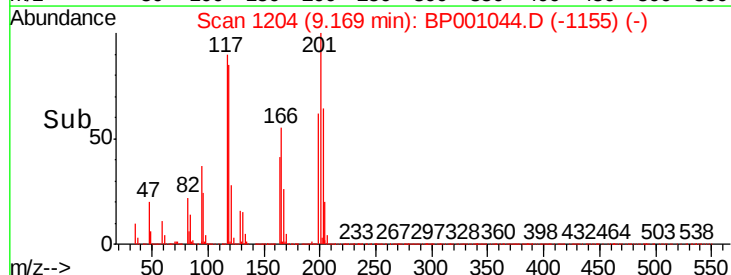
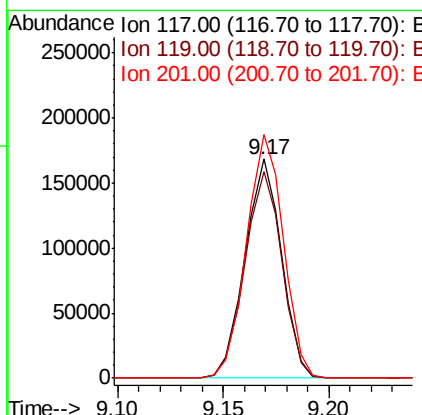
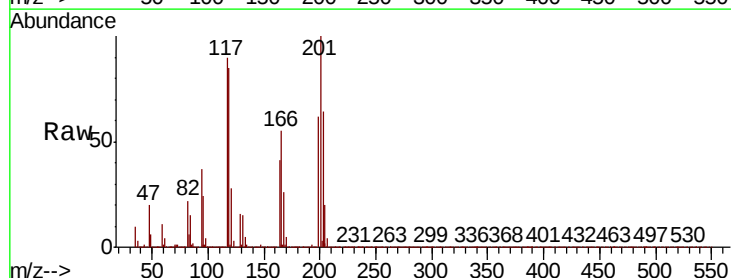
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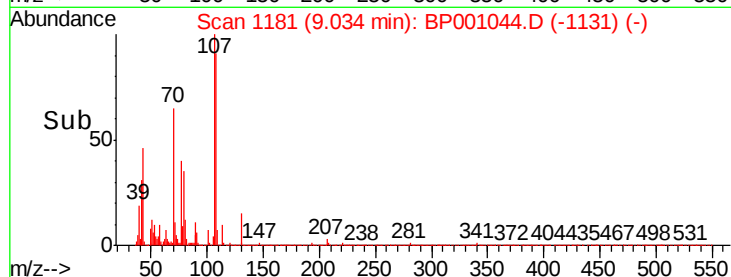
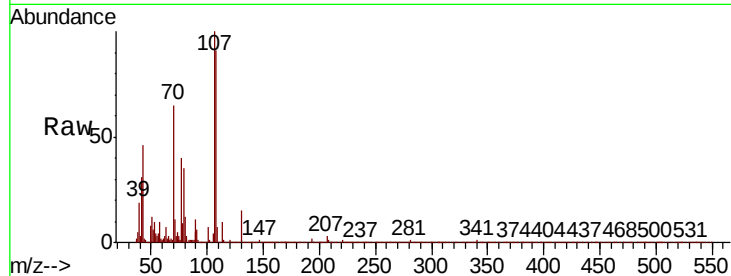
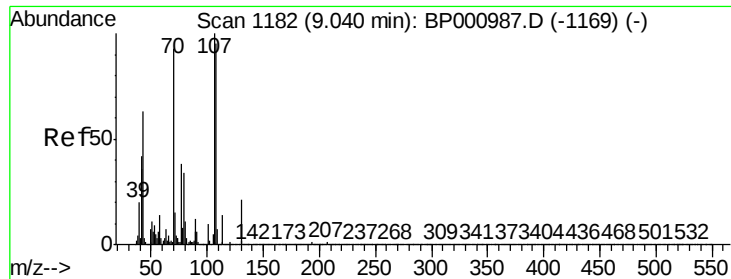
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#18
Hexachloroethane
Concen: 38.552 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	75.5	113.3	
201	111.0	84.9	127.3	





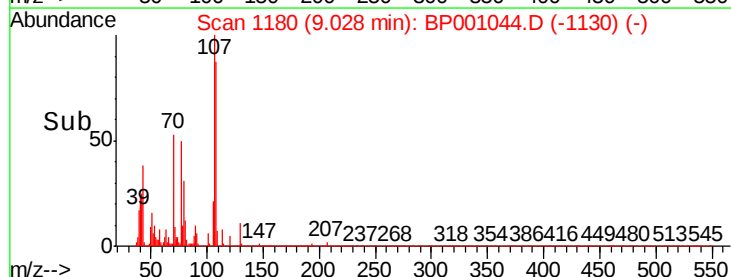
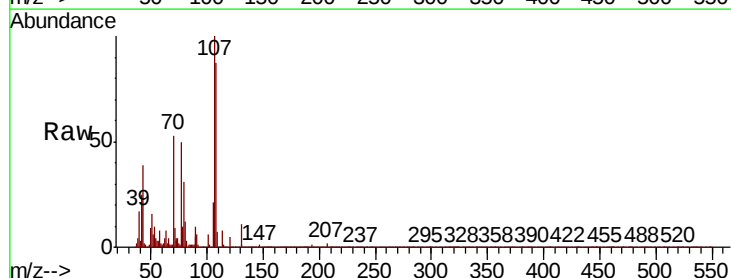
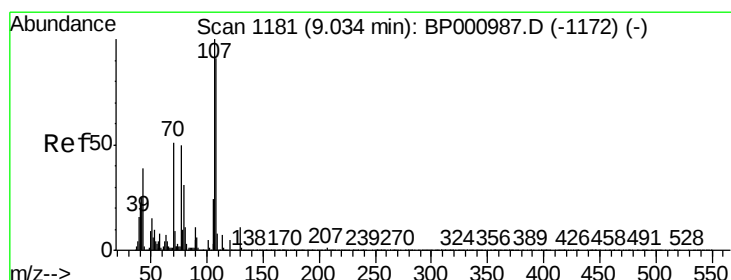
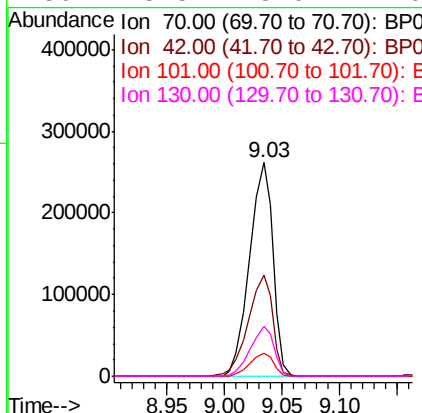
#19
n-Nitroso-di-n-propylamine
Concen: 45.704 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	47.3	36.3	54.5		
101	10.9	8.7	13.1		
130	23.5	18.0	27.0		

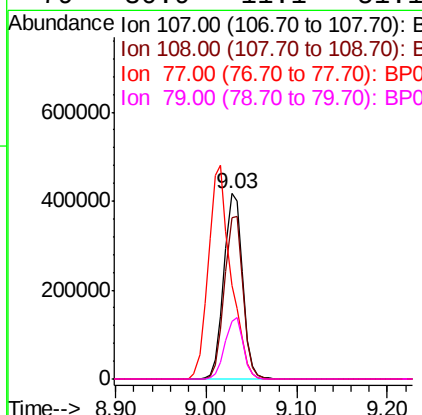
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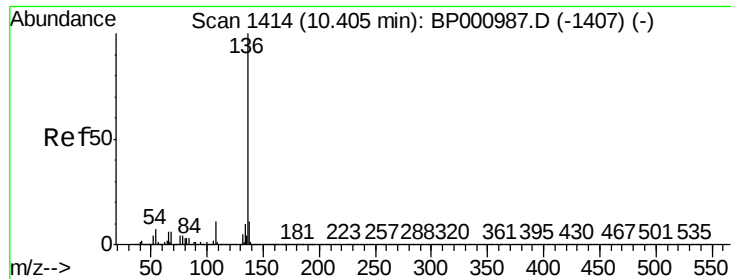
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#20
3+4-Methylphenols
Concen: 49.684 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.3	71.1	111.1		
77	50.4	29.8	69.8		
79	30.9	11.1	51.1		





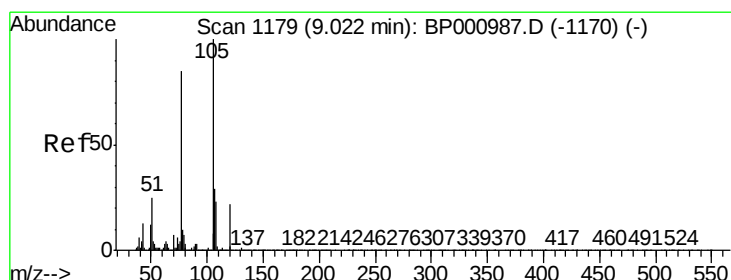
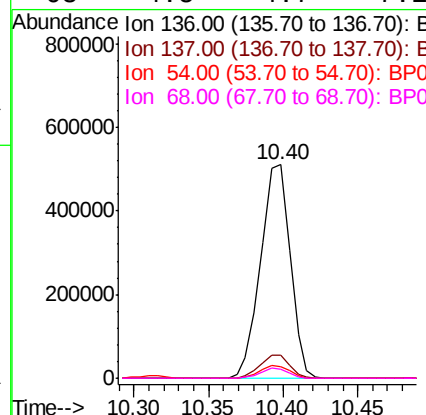
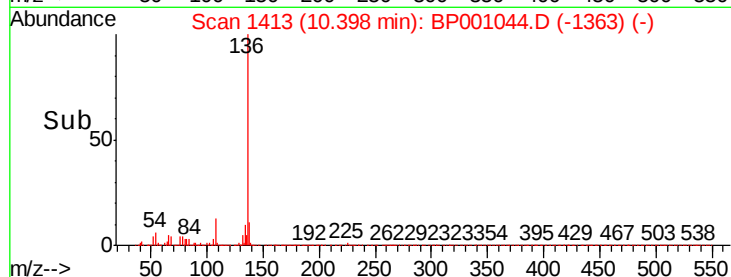
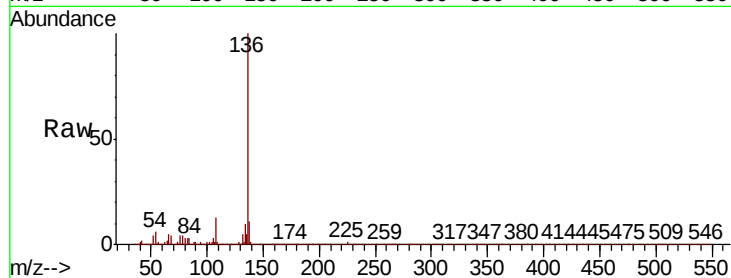
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		700027		
137	10.9	9.0	13.6		
54	5.7	5.4	8.2		
68	4.5	4.7	7.1		

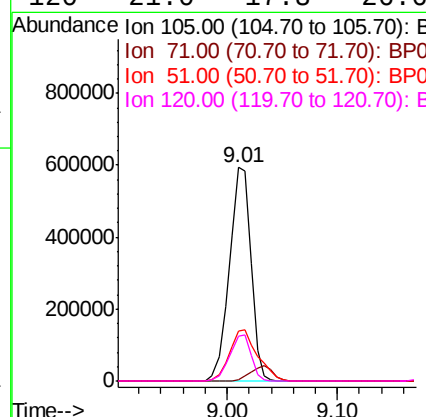
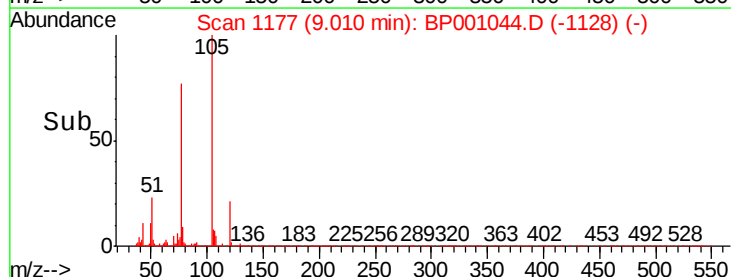
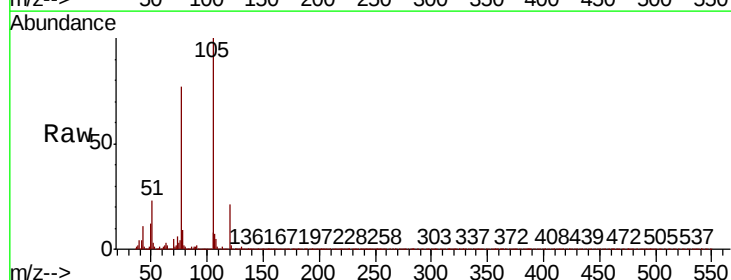
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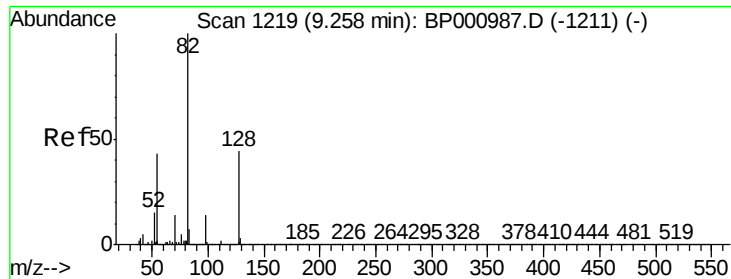
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#22
Acetophenone
Concen: 45.089 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		815164		
71	0.8	1.0	1.4		
51	23.3	19.9	29.9		
120	21.0	17.8	26.6		





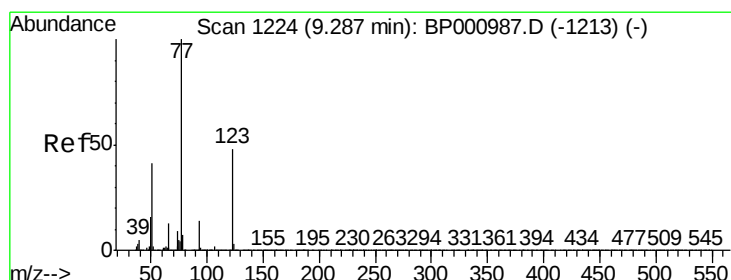
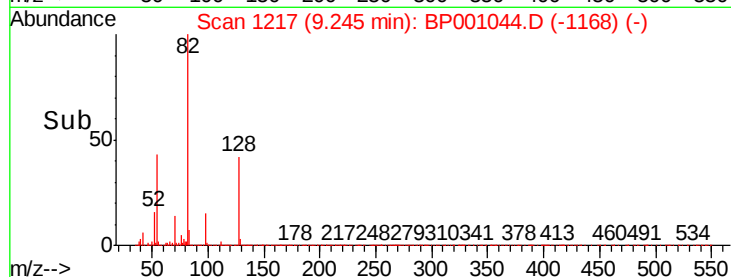
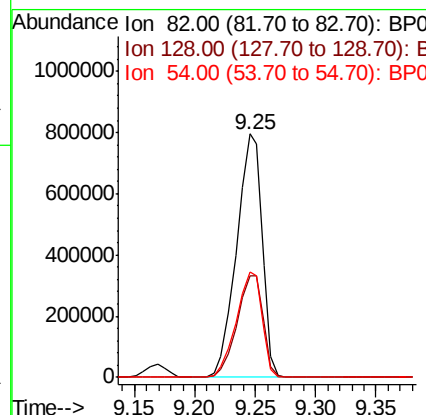
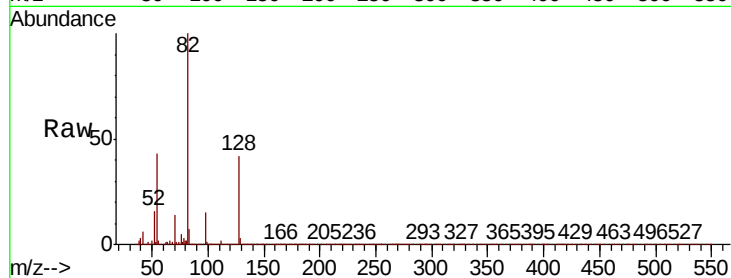
#23
Nitrobenzene-d5
Concen: 92.353 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	82	Resp	1168715
Ion Ratio	100	Lower	Upper
82	100		
128	41.9	35.3	52.9
54	43.3	34.3	51.5

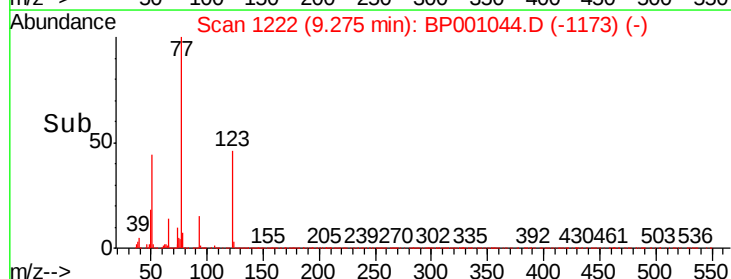
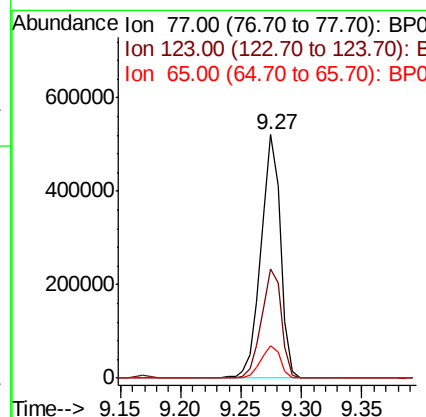
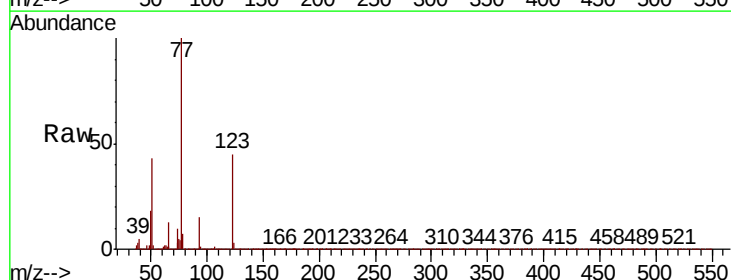
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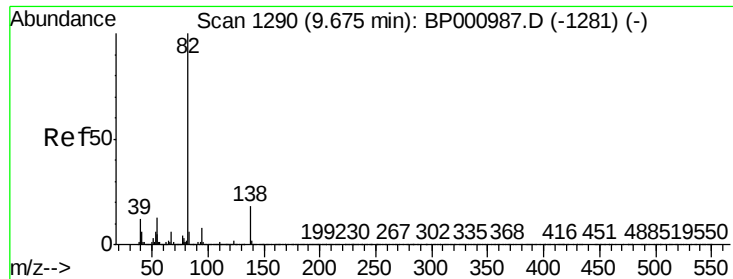
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#24
Nitrobenzene
Concen: 46.315 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	77	Resp	588120
Ion Ratio	100	Lower	Upper
77	100		
123	44.9	38.1	57.1
65	13.4	10.2	15.2





#25

Isophorone

Concen: 45.941 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

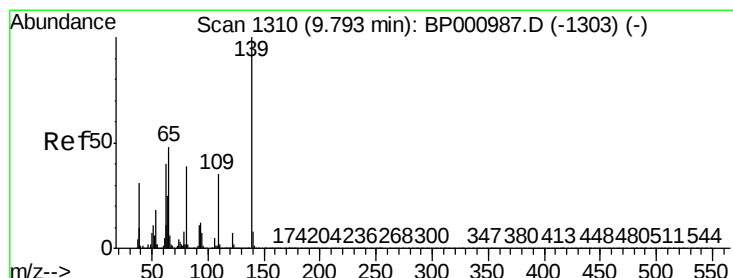
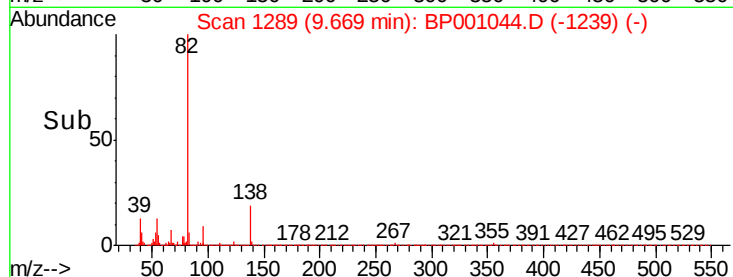
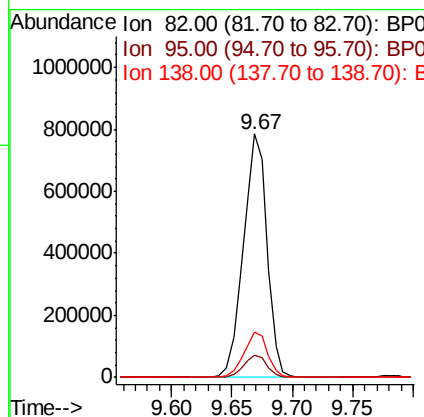
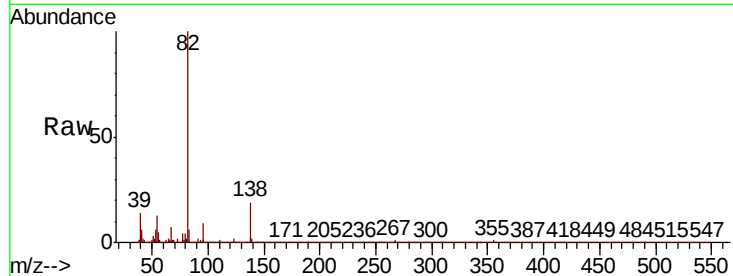
ClientSampleId :

OK-03-111219MSD

Tot Ion	82	Resp	1070097
Ion	Ratio	Lower	Upper
82	100		
95	9.0	6.2	9.4
138	18.5	14.2	21.4

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#26

2-Nitrophenol

Concen: 59.681 ng

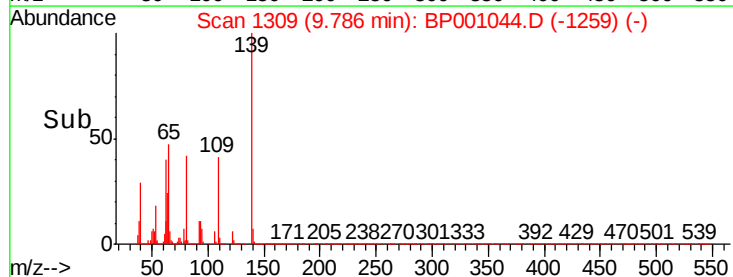
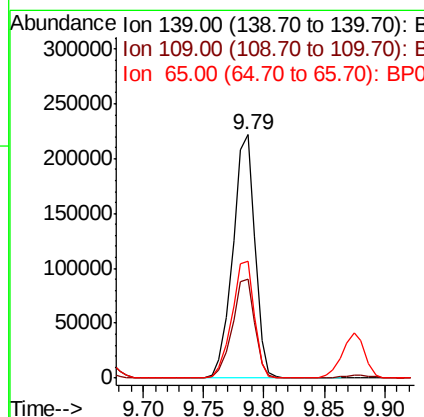
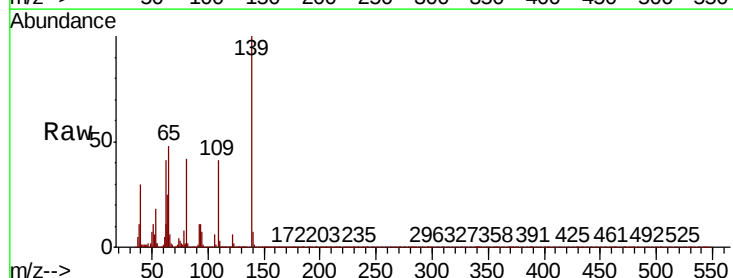
RT: 9.79 min Scan# 1309

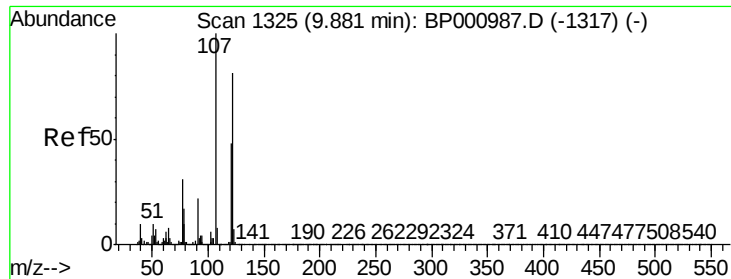
Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Tgt Ion	139	Resp	283197
Ion	Ratio	Lower	Upper
139	100		
109	40.6	27.7	41.5
65	48.0	38.2	57.4





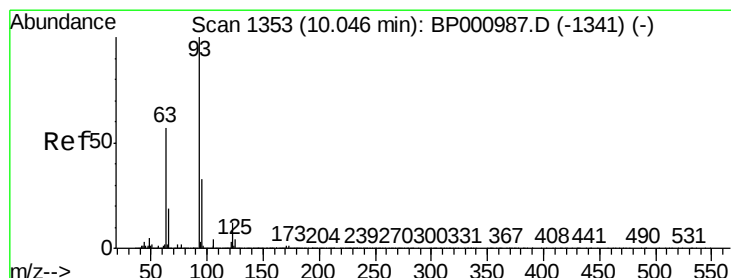
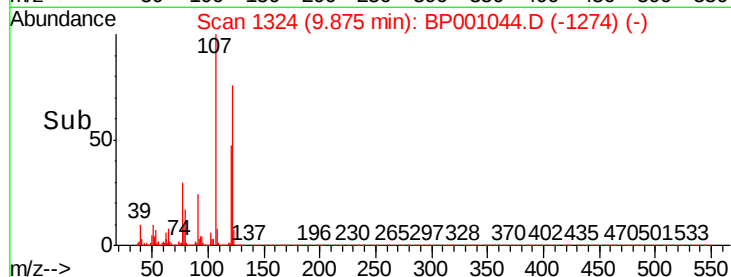
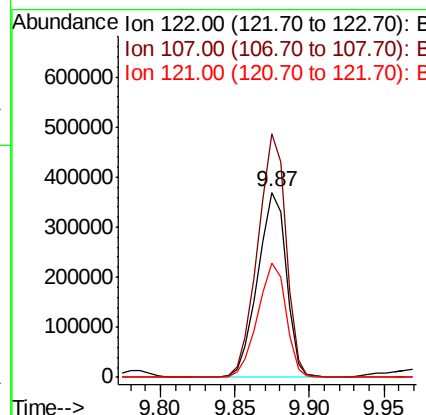
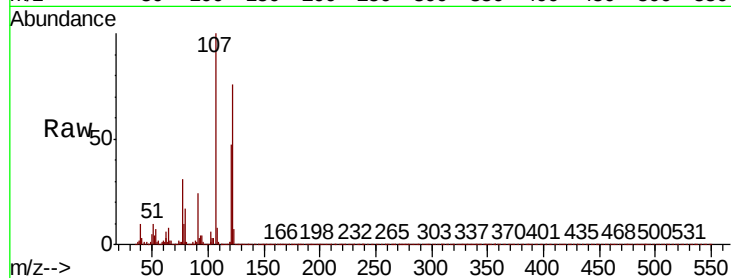
#27
2,4-Dimethylphenol
Concen: 54.935 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	488151		
107	131.4	99.3	148.9	
121	61.6	47.9	71.9	

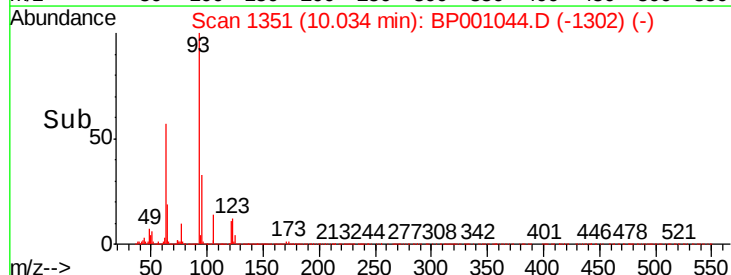
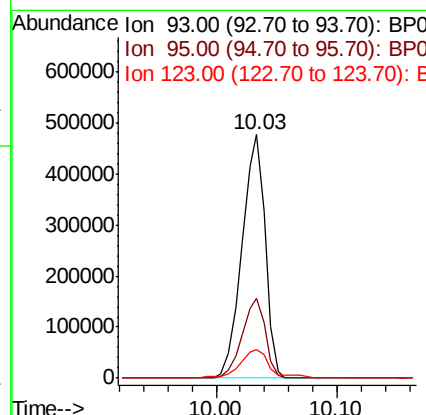
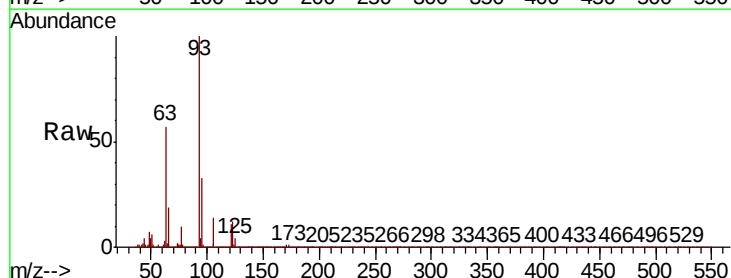
Manual Integrations
APPROVED

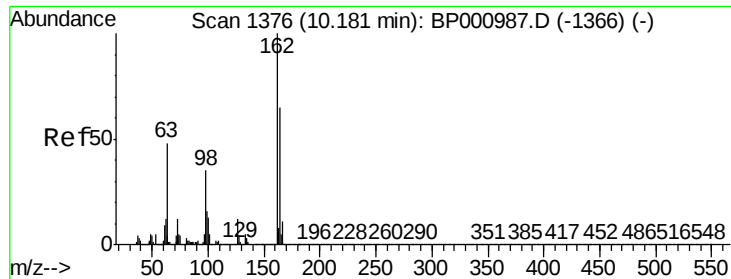
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.771 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	636153		
95	33.0	26.1	39.1	
123	11.9	9.6	14.4	





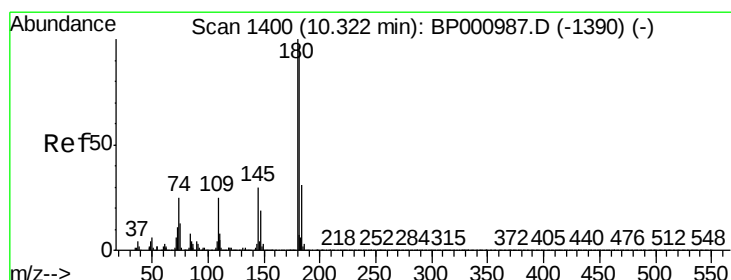
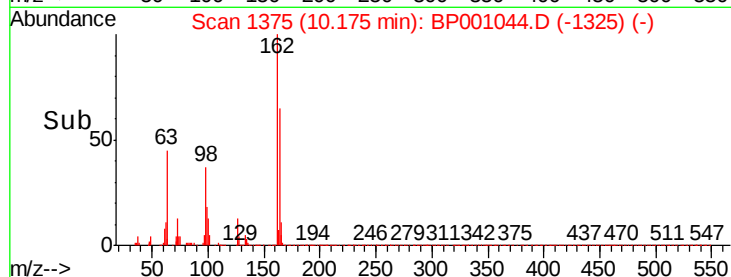
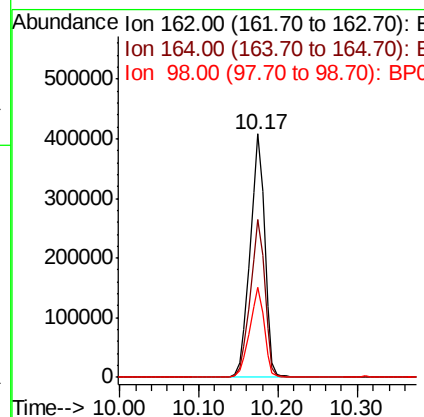
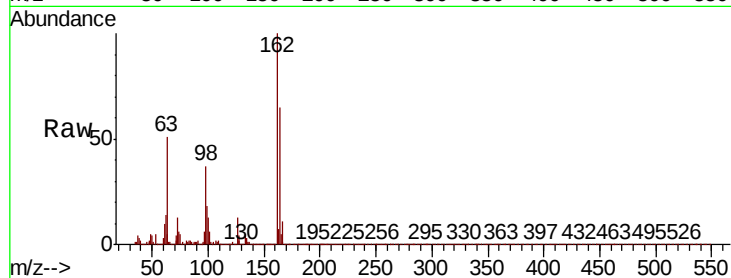
#29
2,4-Dichlorophenol
Concen: 48.884 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	44.5	84.5
98	36.8	15.2	55.2

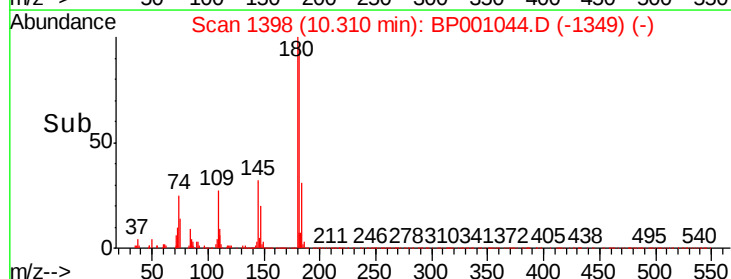
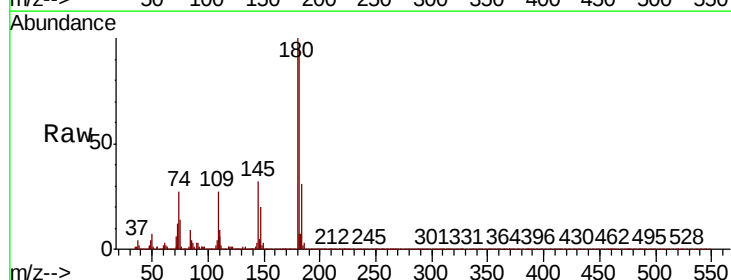
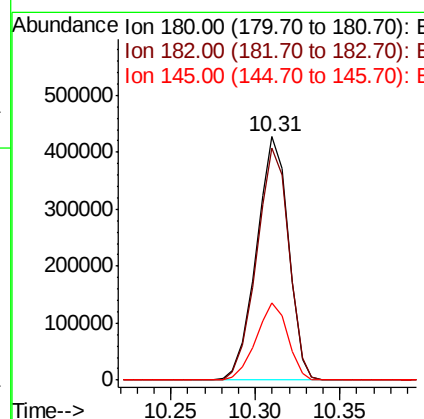
Manual Integrations
APPROVED

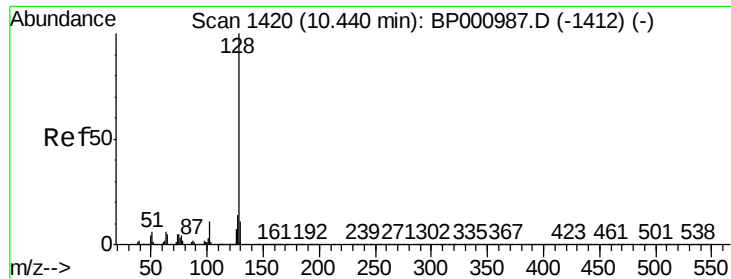
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#30
1,2,4-Trichlorobenzene
Concen: 42.717 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.8	116.6
145	31.5	24.2	36.4





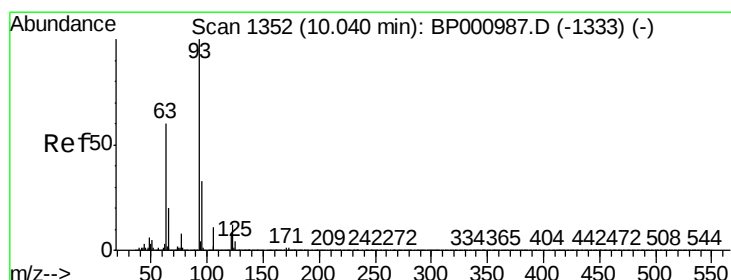
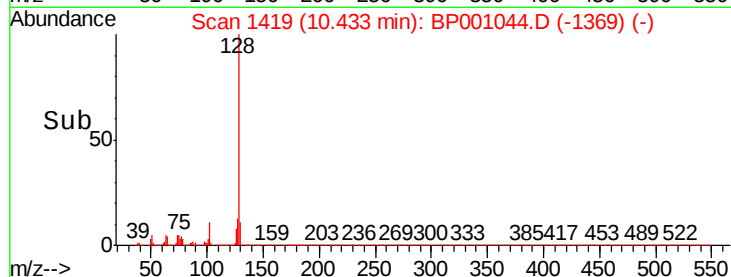
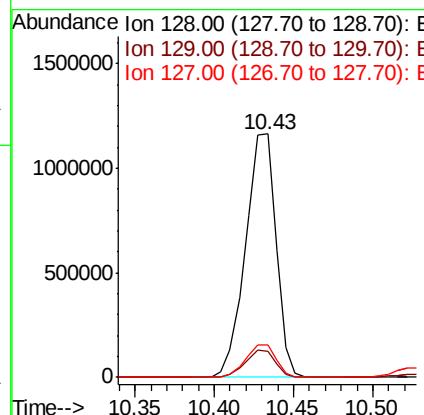
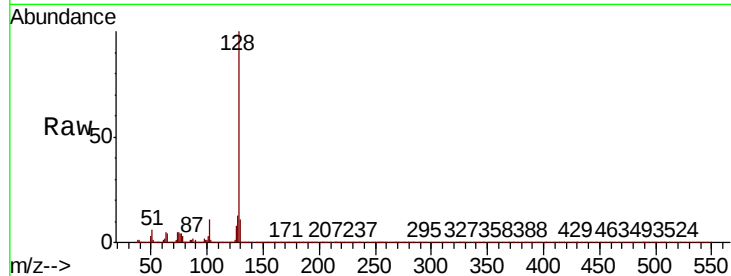
#31
Naphthalene
Concen: 44.554 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.4	10.8	16.2

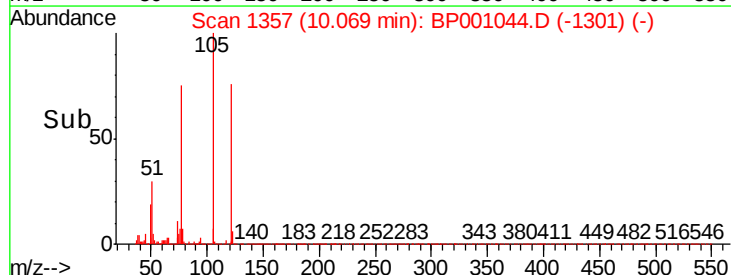
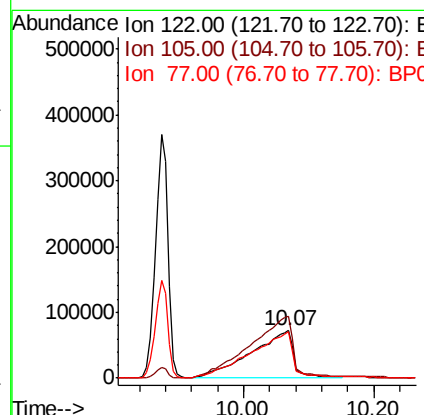
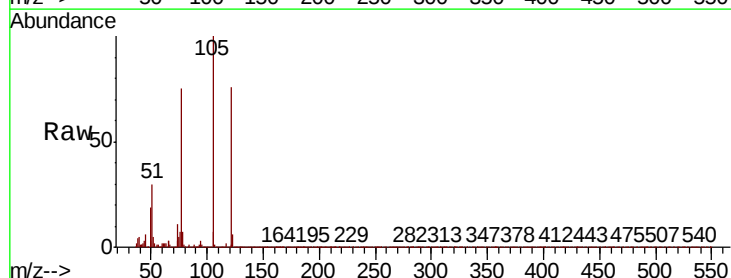
Manual Integrations
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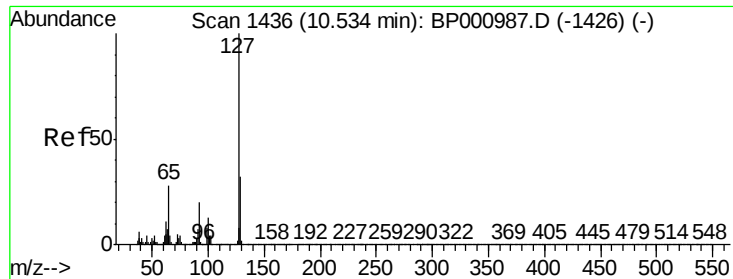
mohammad
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#32
Benzoic acid
Concen: 57.750 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.03 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.2	110.5	150.5
77	98.6	77.9	117.9





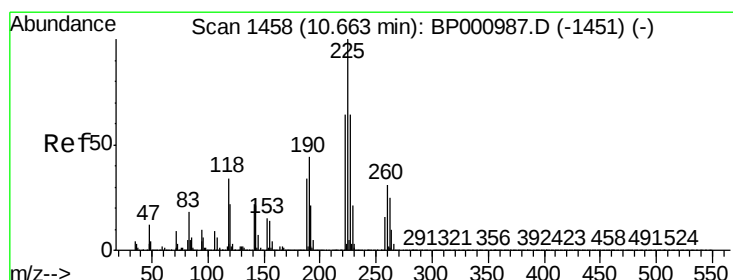
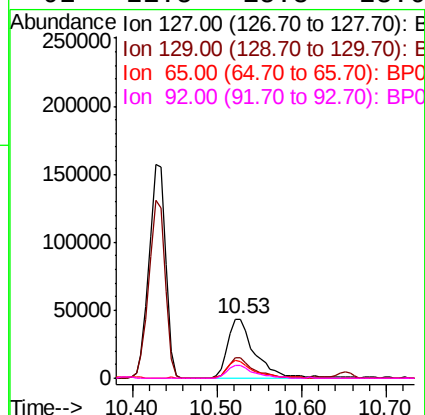
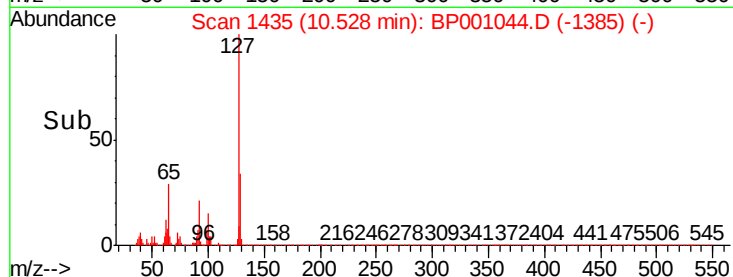
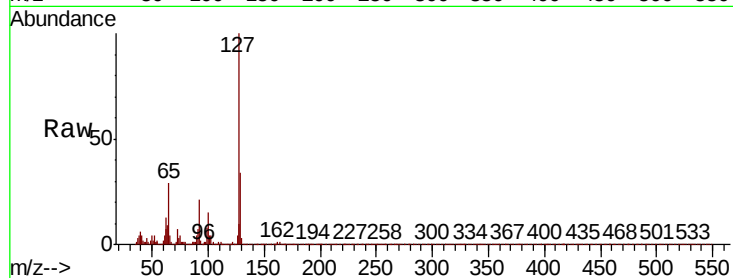
#33
4-Chloroaniline
Concen: 6.518 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion:	127	Resp:	97749
Ion Ratio	Lower	Upper	
127	100		
129	34.2	25.8	38.6
65	29.1	22.7	34.1
92	21.5	15.8	23.6

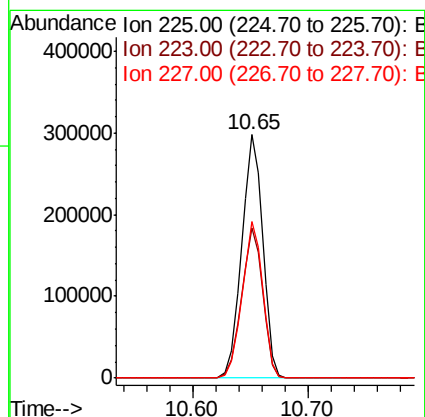
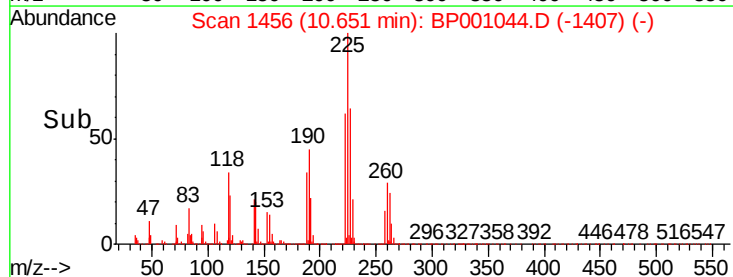
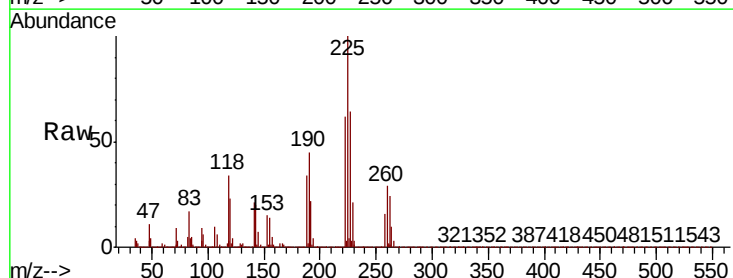
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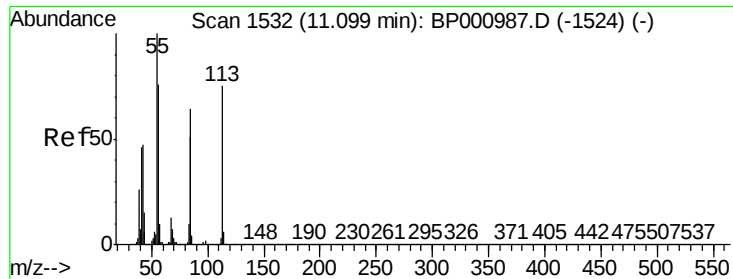
mohammad
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#34
Hexachlorobutadiene
Concen: 42.901 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion:	225	Resp:	373459
Ion Ratio	Lower	Upper	
225	100		
223	61.7	51.1	76.7
227	64.3	51.4	77.2





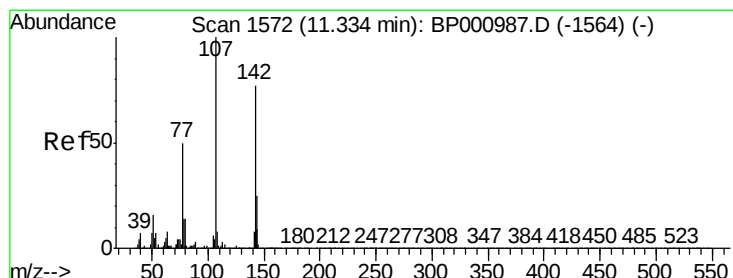
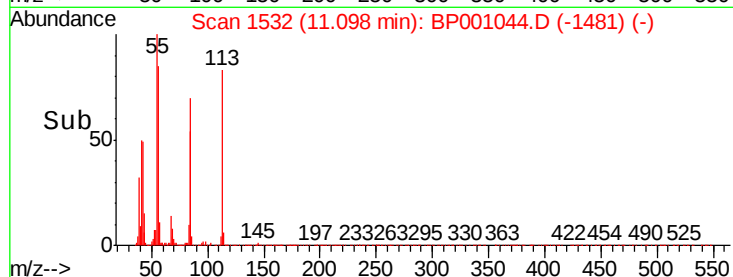
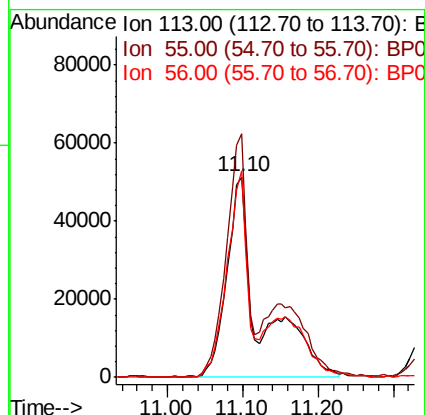
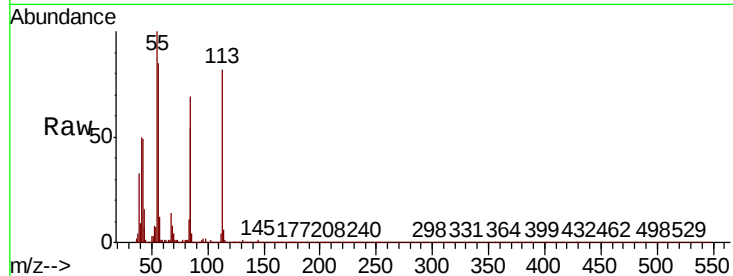
#35
Caprolactam
Concen: 46.016 ng/ml
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	121.6	114.2	154.2
56	102.9	81.9	121.9

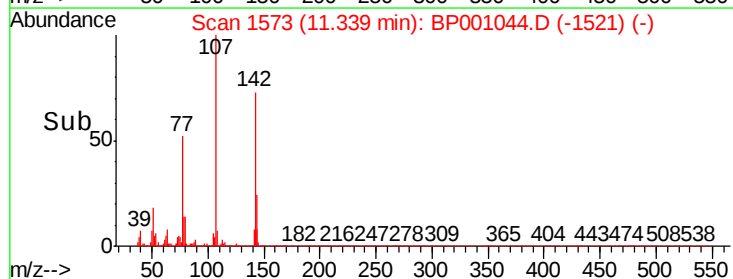
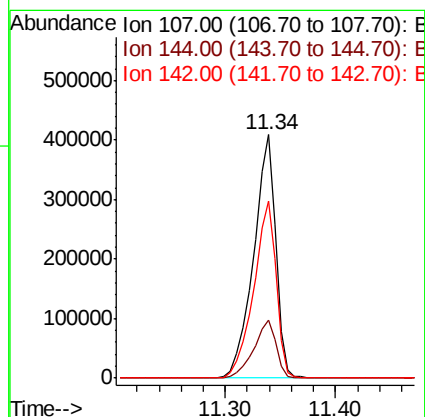
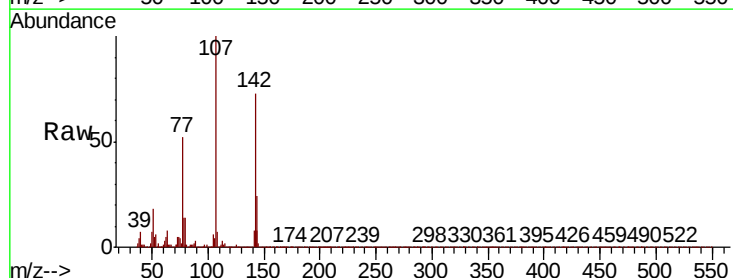
Manual Integrations
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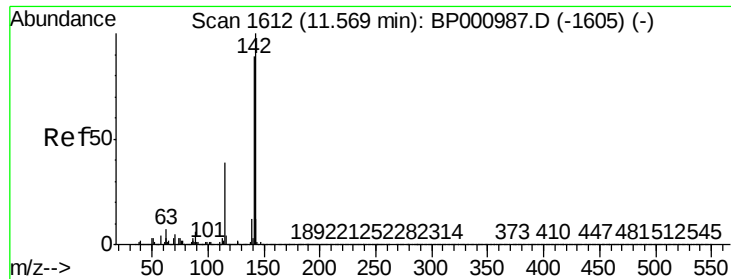
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 51.921 ng/ml
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.7	20.0	30.0
142	72.9	61.9	92.9





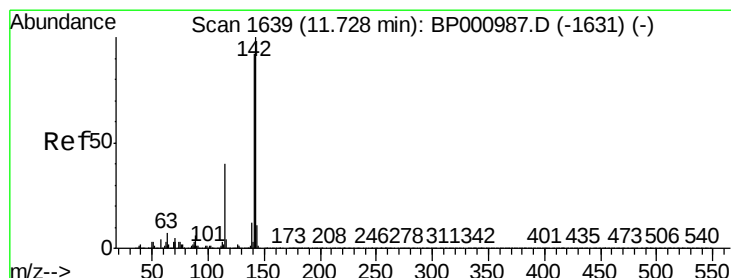
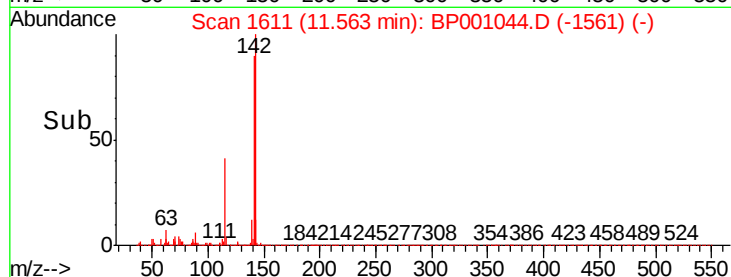
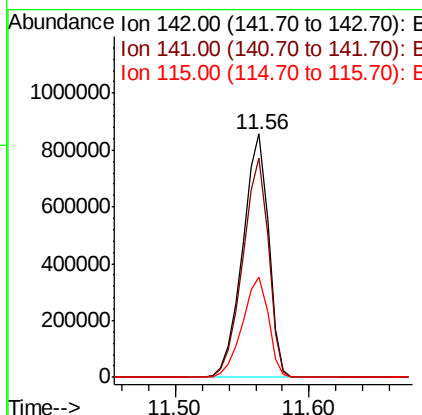
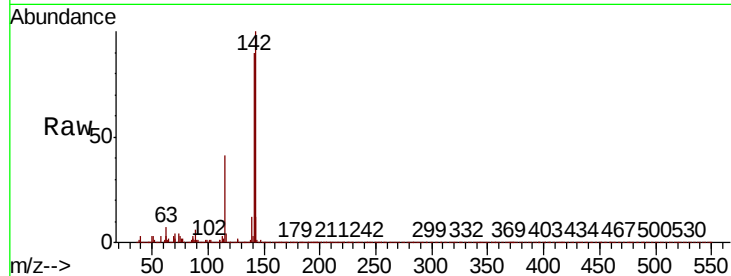
#37
2-Methylnaphthalene
Concen: 46.510 ng
RT: 11.56 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.5	107.3
115	41.0	30.8	46.2

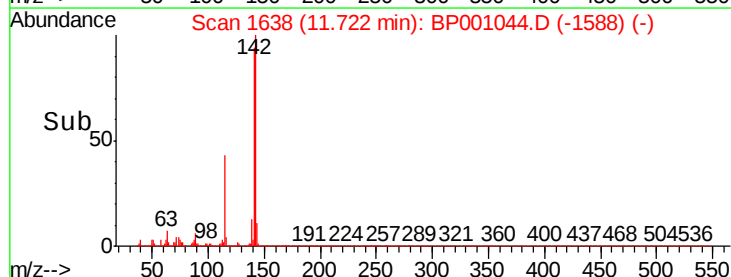
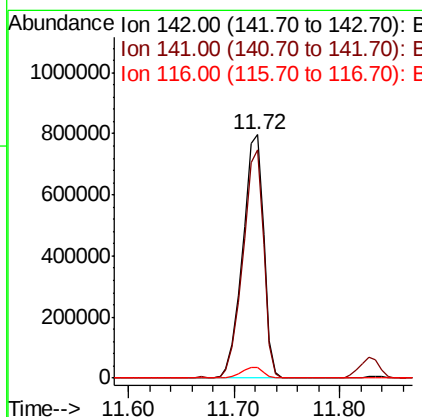
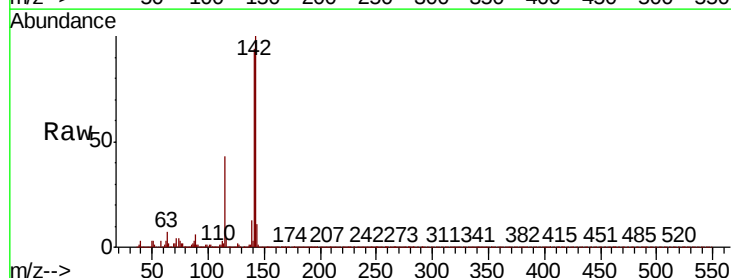
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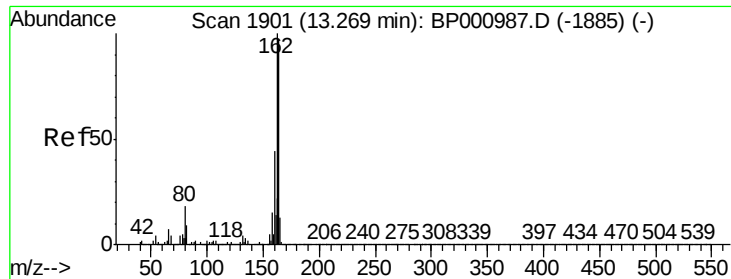
mohammad
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#38
1-Methylnaphthalene
Concen: 47.135 ng
RT: 11.72 min Scan# 1638
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.9	110.9
116	4.4	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

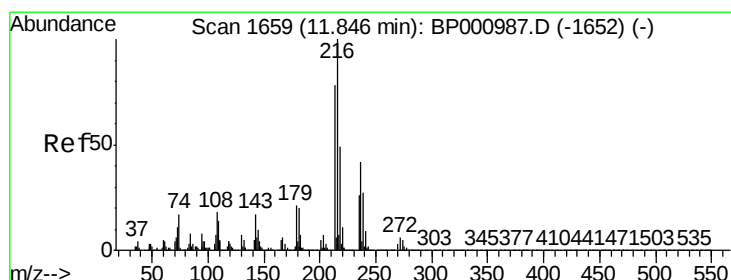
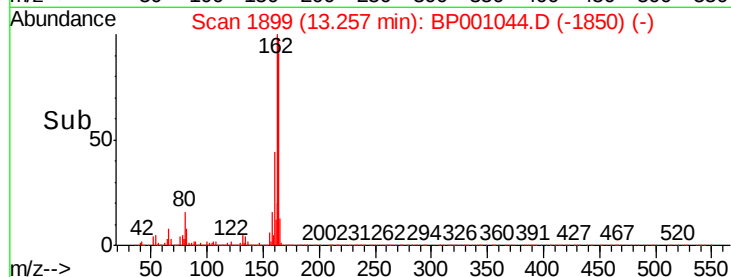
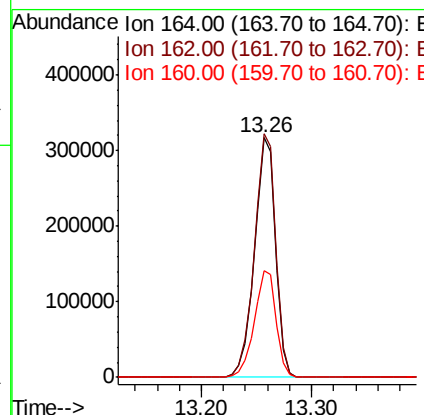
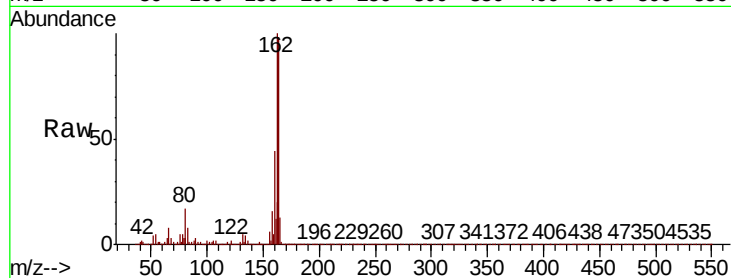
ClientSampleId :

OK-03-111219MSD

Tot Ion:	164	Resp:	424379
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.6	123.8
160	44.3	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.008 ng

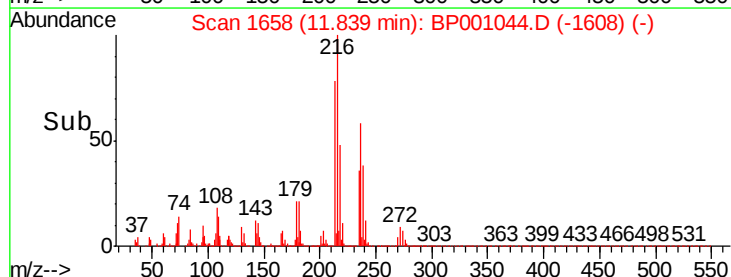
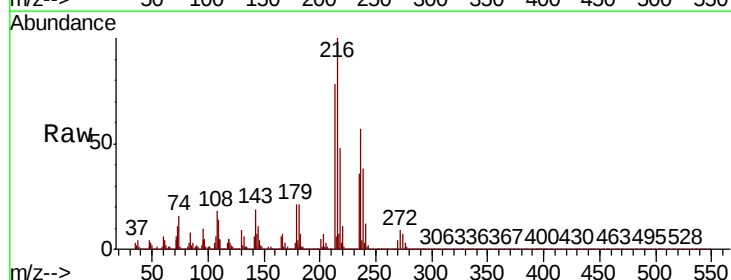
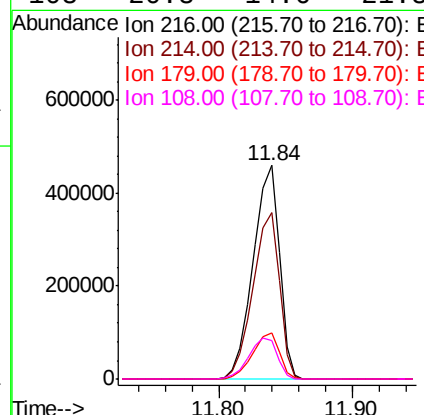
RT: 11.84 min Scan# 1658

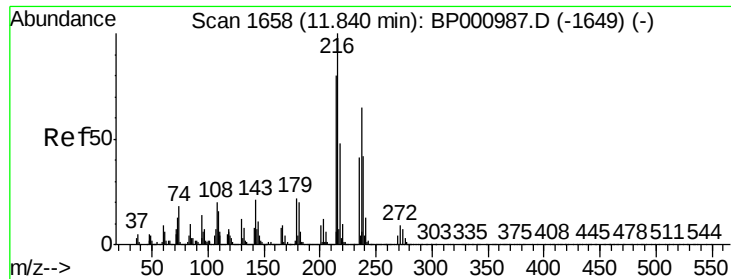
Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Tgt Ion:	216	Resp:	621871
Ion Ratio	Lower	Upper	
216	100		
214	78.4	62.8	94.2
179	21.7	16.8	25.2
108	20.8	14.6	21.8





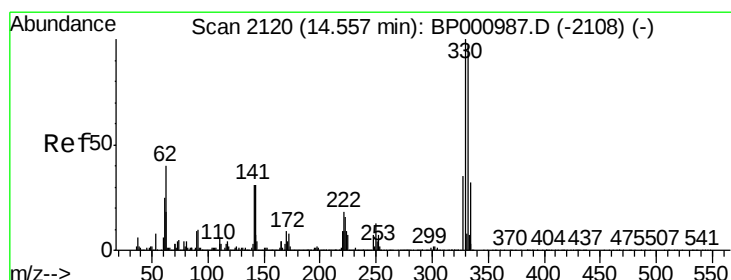
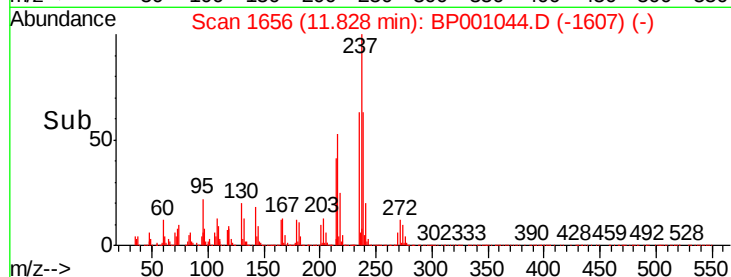
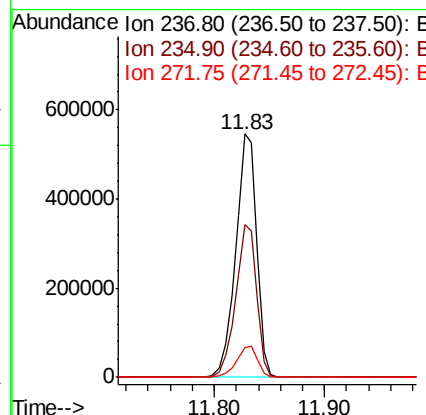
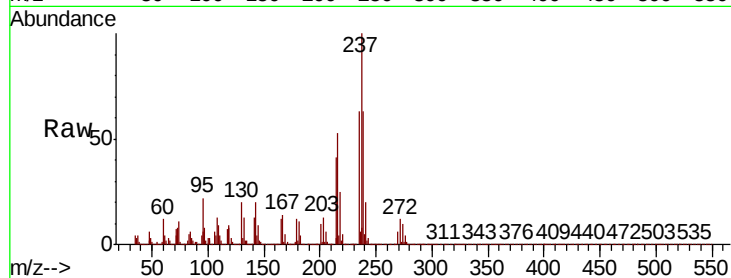
#41
Hexachlorocyclopentadiene
Concen: 102.122 ng
RT: 11.83 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.8	43.1	83.1	
272	12.5	0.0	33.1	

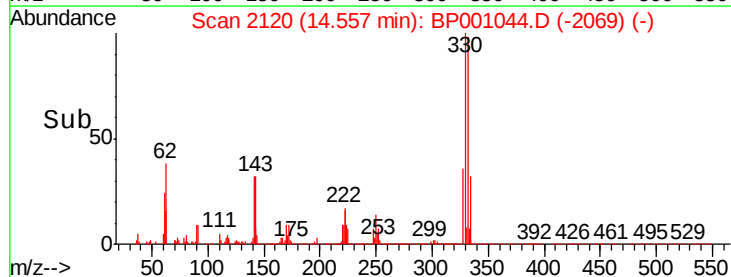
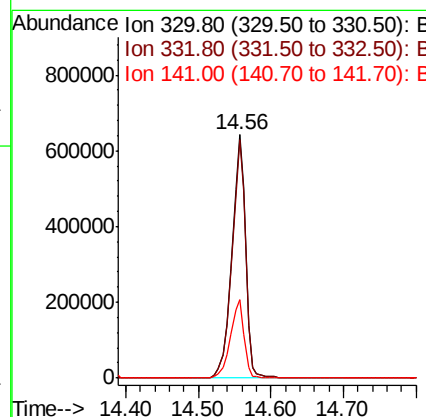
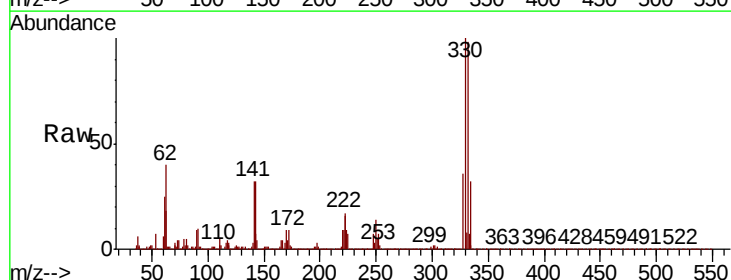
Manual Integrations
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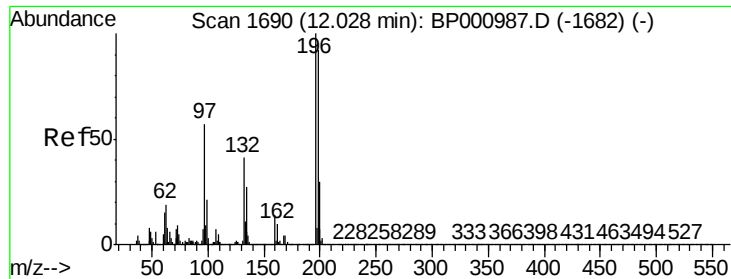
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#42
2,4,6-Tribromophenol
Concen: 166.858 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.6	78.3	117.5	
141	32.1	25.0	37.4	





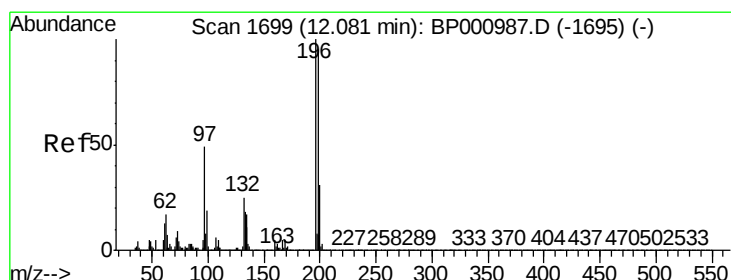
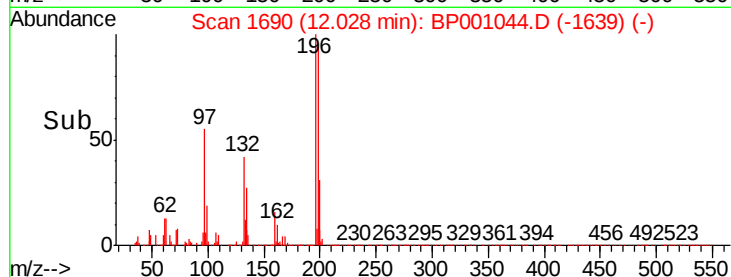
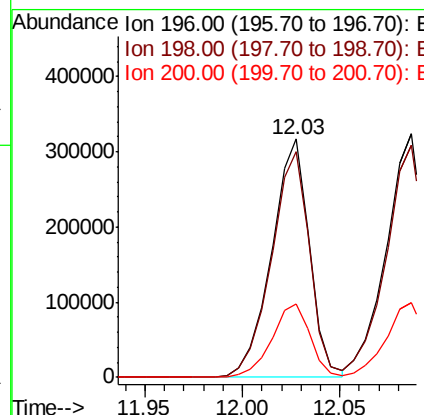
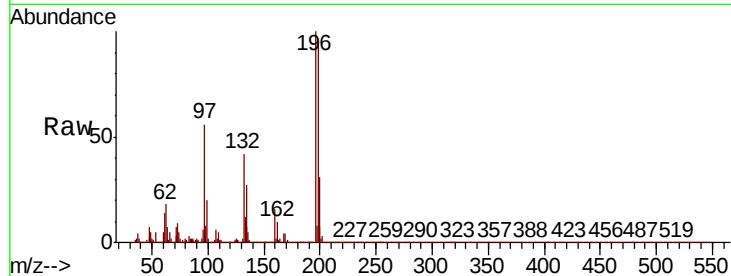
#43
 2,4,6-Trichlorophenol
 Concen: 49.860 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BP001044.D
 Acq: 15 Nov 2019 16:46

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.0	111.0
200	31.0	24.2	36.4

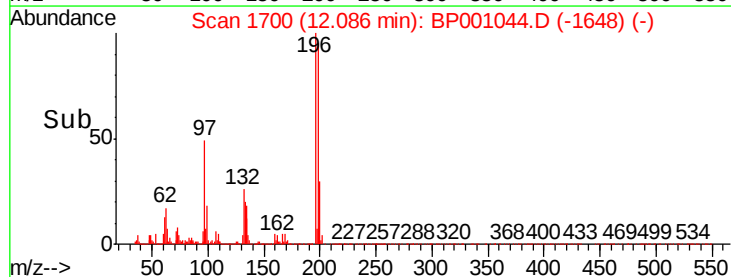
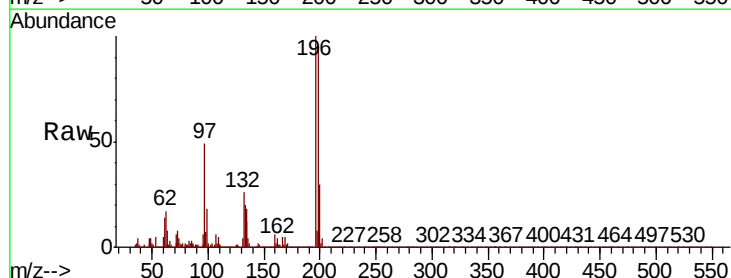
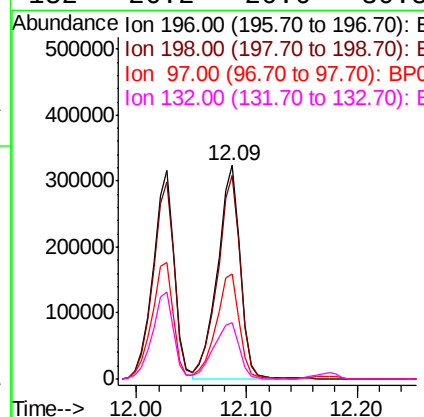
Manual Integrations
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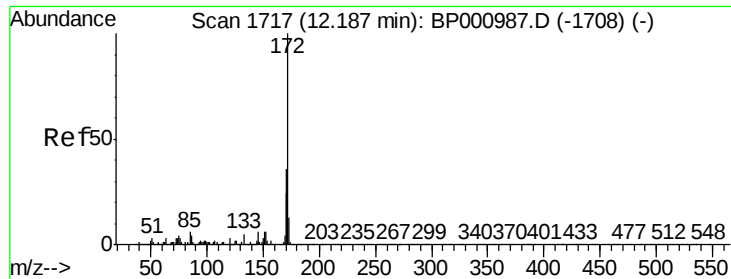
mohammad
 11/18/2019 3:06:25 PM



#44
 2,4,5-Trichlorophenol
 Concen: 50.530 ng
 RT: 12.09 min Scan# 1700
 Delta R.T. 0.01 min
 Lab File: BP001044.D
 Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.3	114.5
97	49.1	39.1	58.7
132	26.2	20.6	30.8





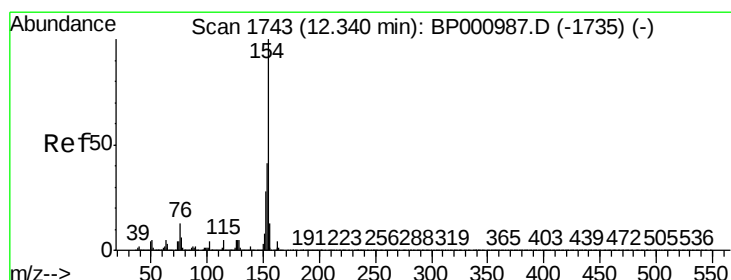
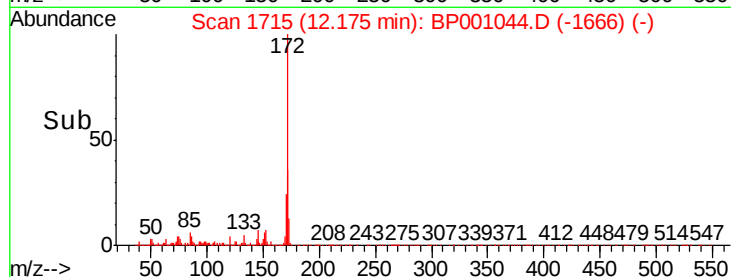
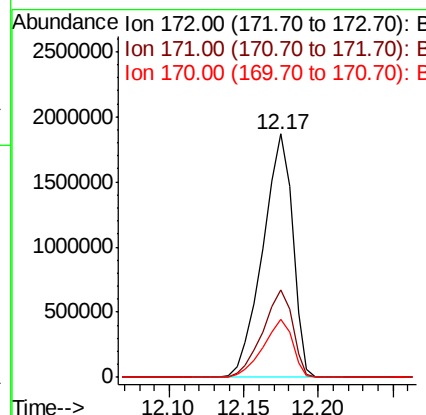
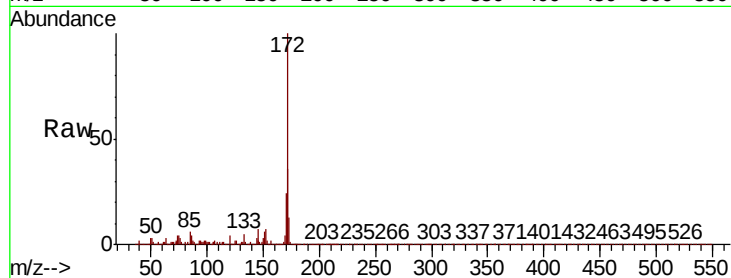
#45
2-Fluorobiphenyl
Concen: 91.692 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.5	42.7
170	23.9	18.9	28.3

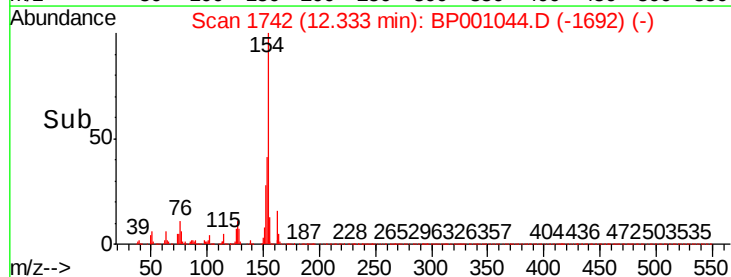
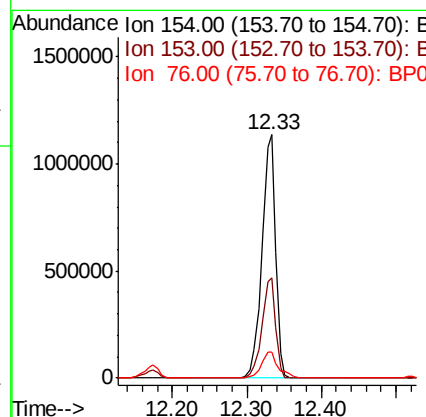
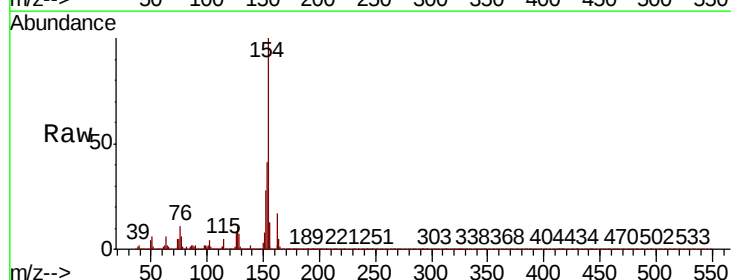
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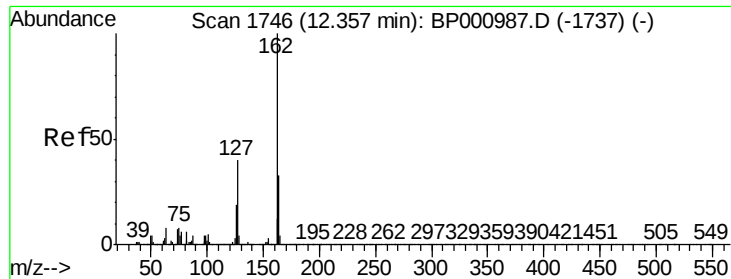
mohammad
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#46
1,1'-Biphenyl
Concen: 45.855 ng
RT: 12.33 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.9	60.9
76	10.8	0.0	32.5





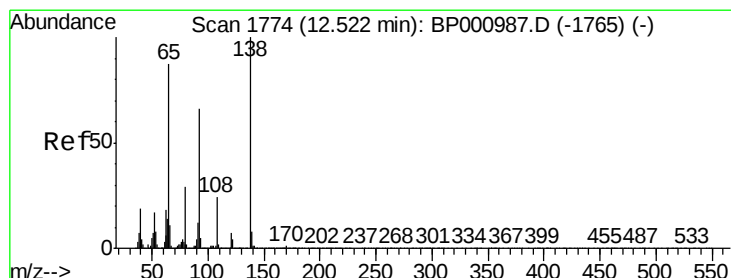
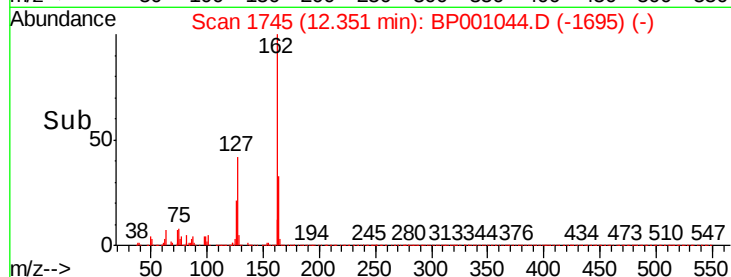
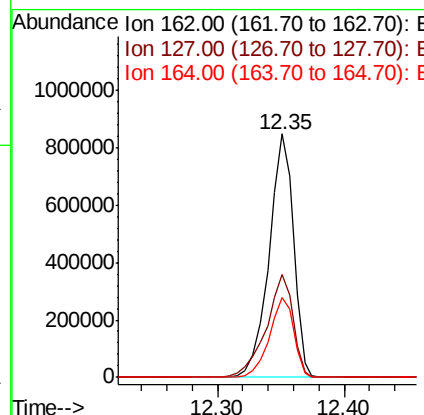
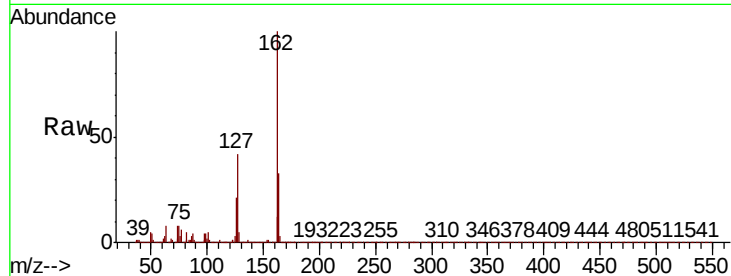
#47
2-Chloronaphthalene
Concen: 44.253 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	32.1	48.1
164	33.0	26.1	39.1

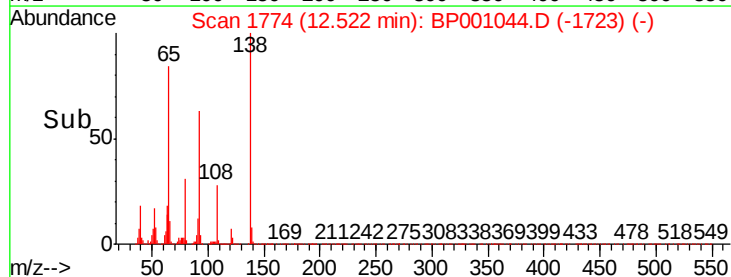
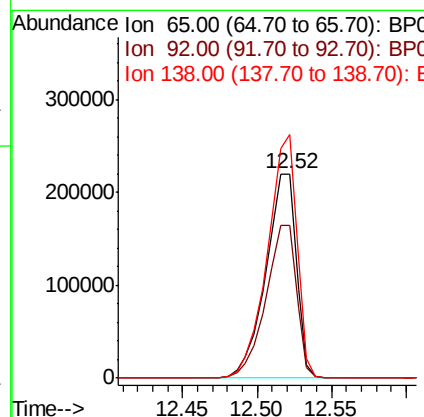
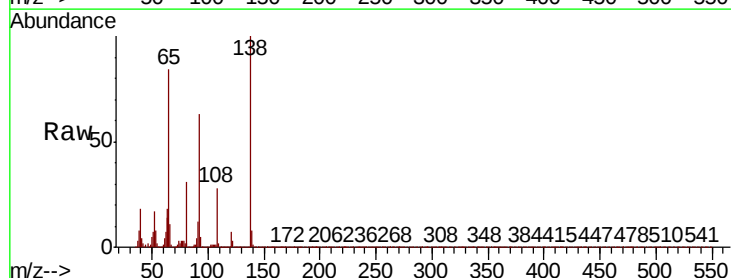
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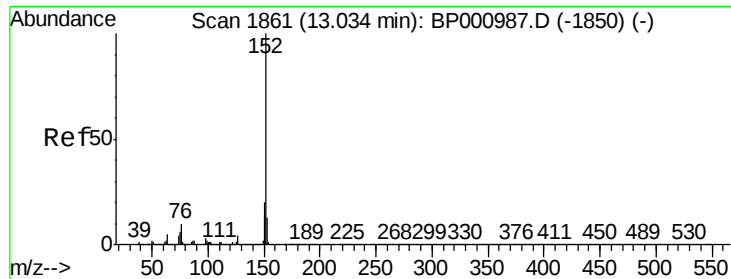
mohammad
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#48
2-Nitroaniline
Concen: 46.348 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.8	61.4	92.2
138	119.1	92.5	138.7





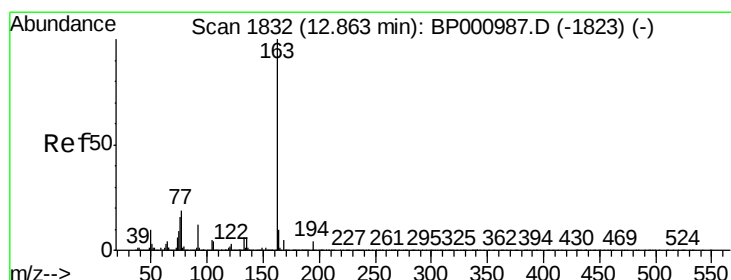
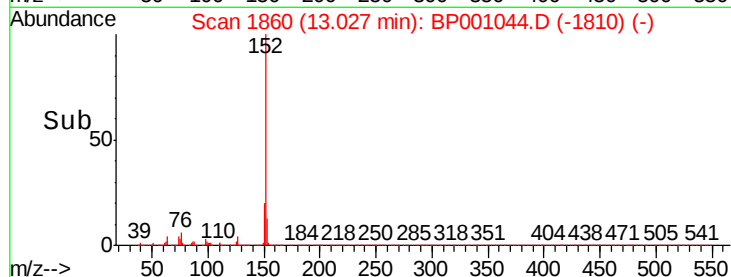
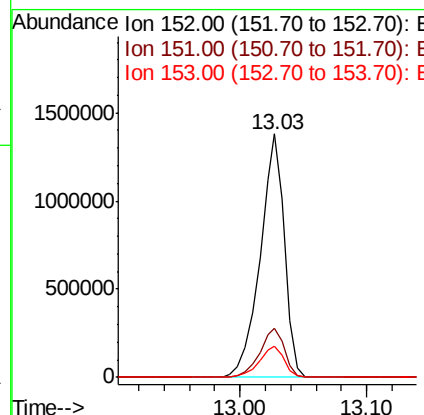
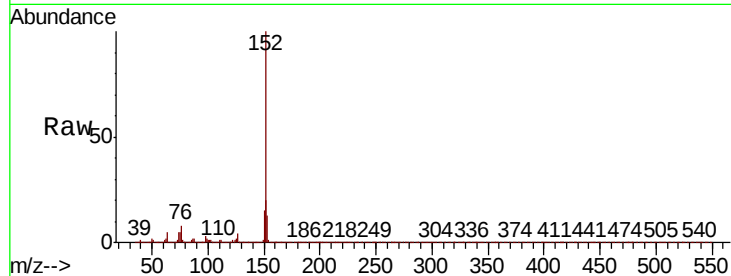
#49
Acenaphthylene
Concen: 47.133 ng
RT: 13.03 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	12.9	10.6	16.0

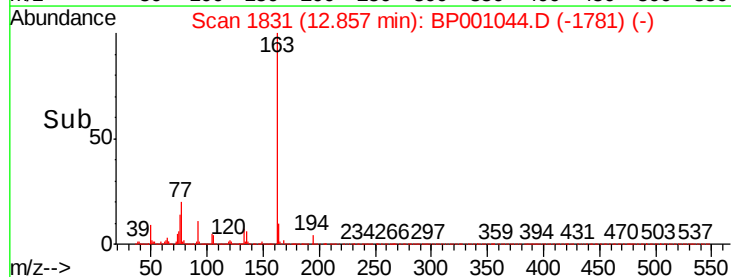
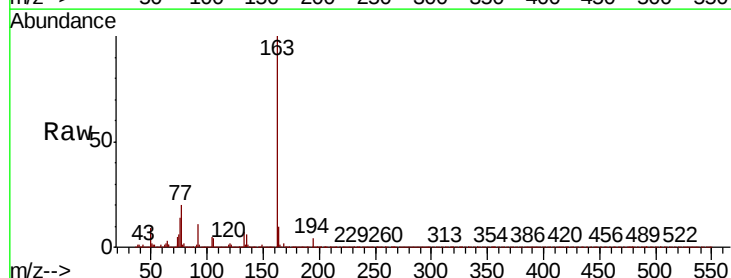
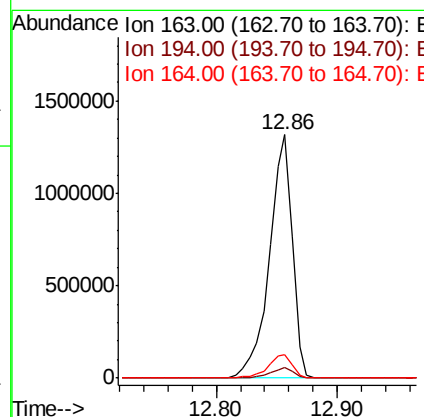
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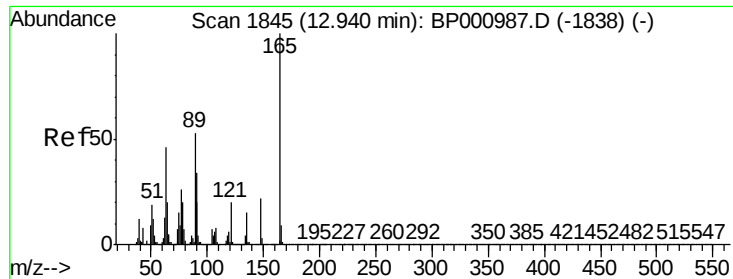
mohammad
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#50
Dimethylphthalate
Concen: 54.840 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	9.9	7.9	11.9





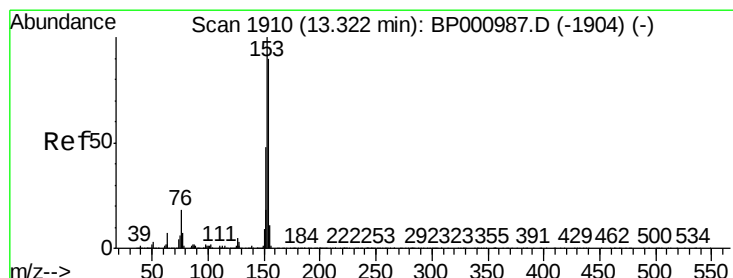
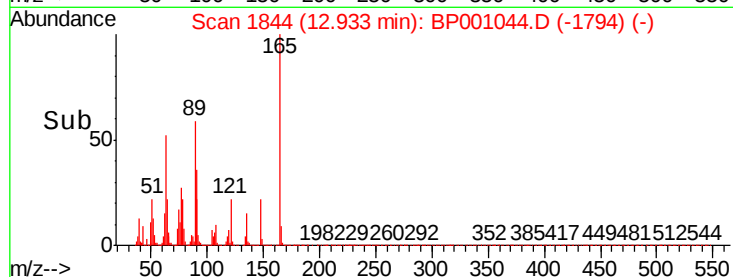
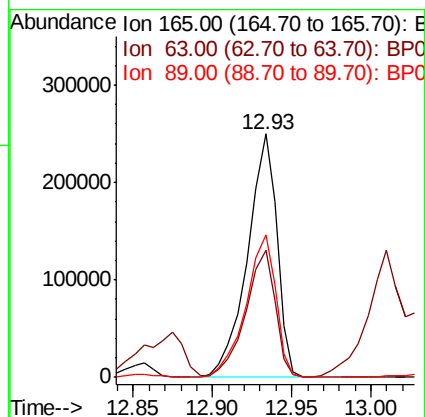
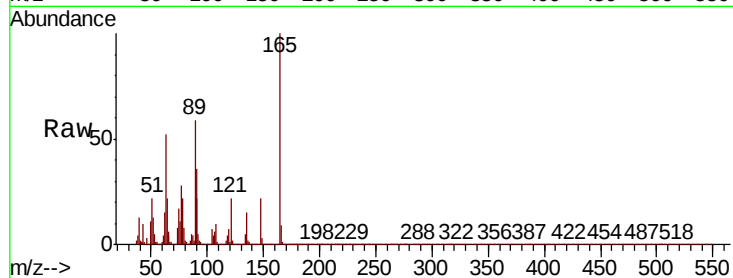
#51
2,6-Dinitrotoluene
Concen: 49.348 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion:	165	Resp:	323017
Ion Ratio	Lower	Upper	
165	100		
63	52.0	36.7	55.1
89	58.5	42.3	63.5

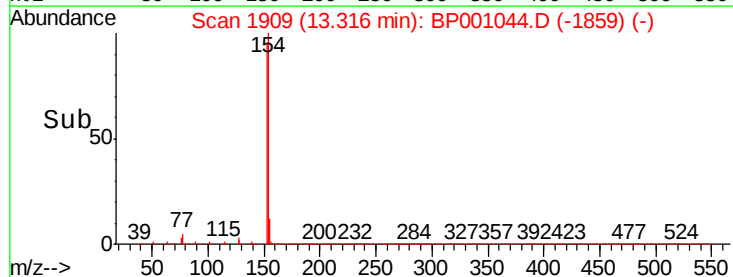
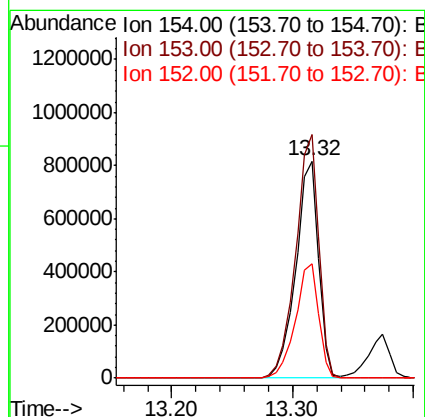
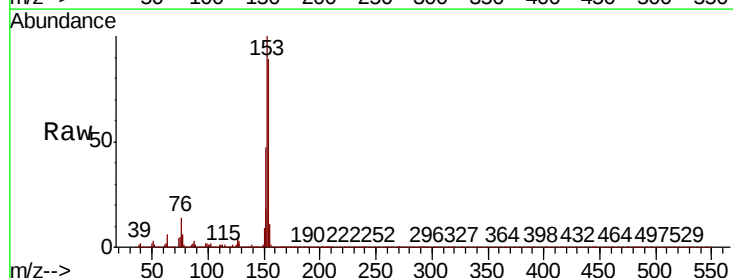
Manual Integrations
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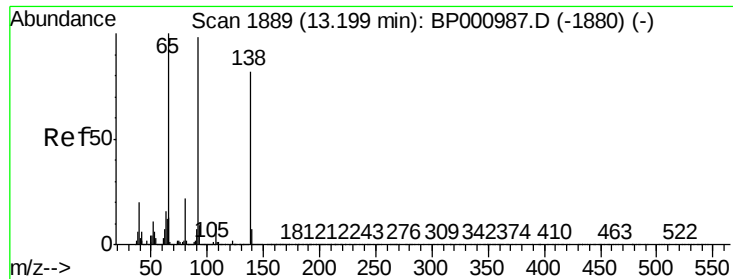
mohammad
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#52
Acenaphthene
Concen: 46.186 ng
RT: 13.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion:	154	Resp:	1072767
Ion Ratio	Lower	Upper	
154	100		
153	112.2	88.9	133.3
152	52.9	42.4	63.6





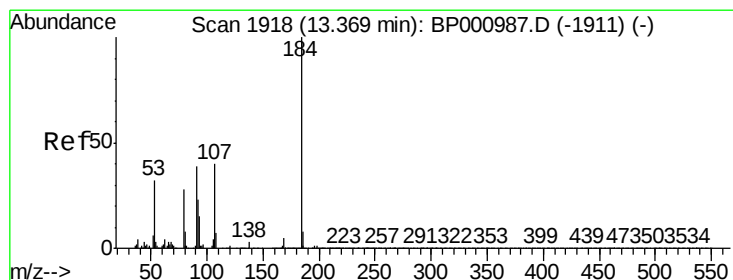
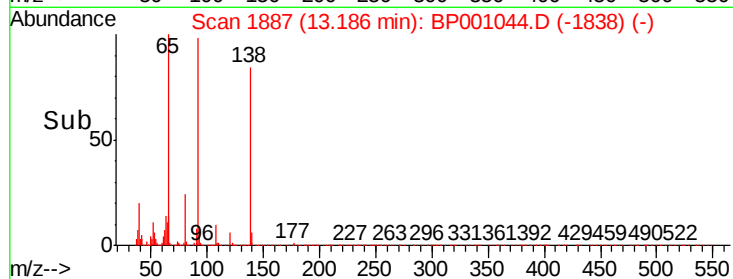
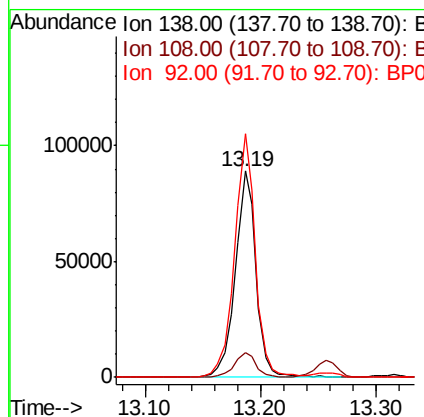
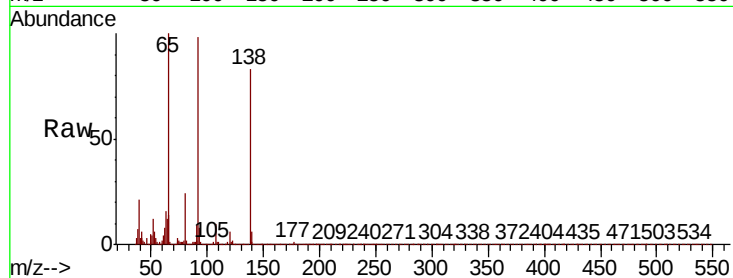
#53
3-Nitroaniline
Concen: 15.445 ng
RT: 13.19 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.3	10.1	15.1
92	118.2	95.4	143.0

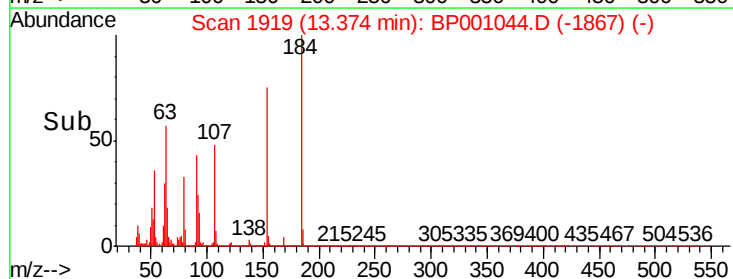
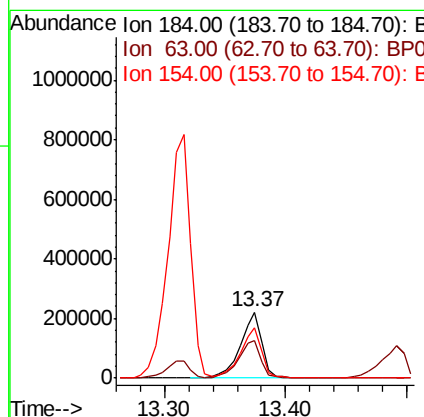
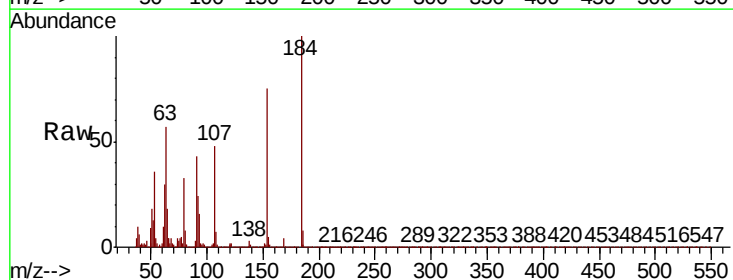
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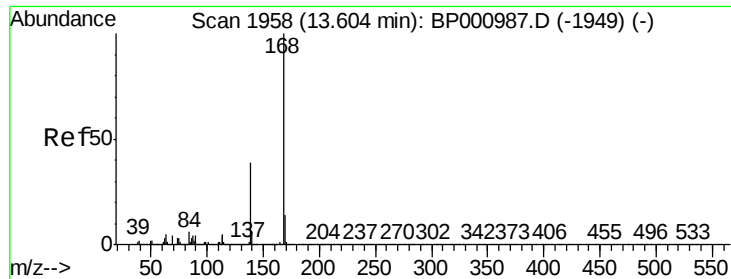
mohammad
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#54
2,4-Dinitrophenol
Concen: 130.514 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.8	41.0	61.6
154	75.4	48.1	72.1#





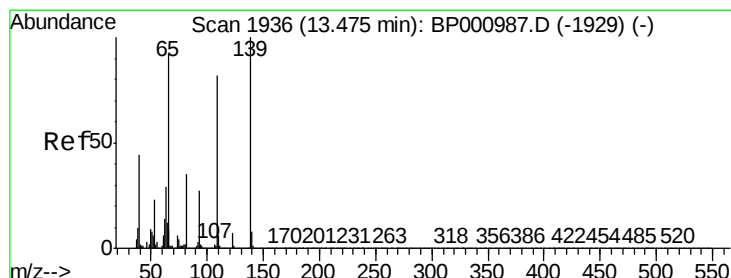
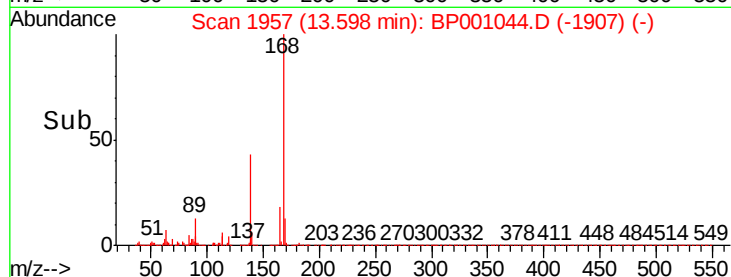
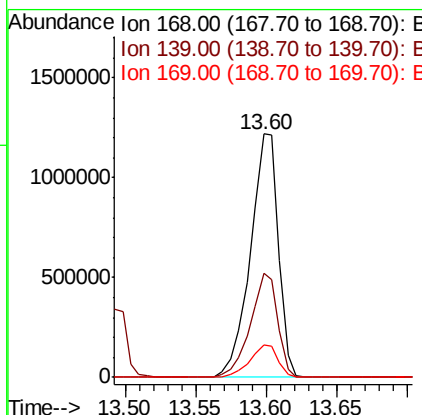
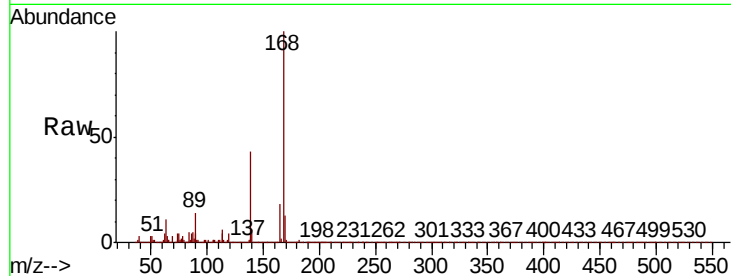
#55
Dibenzofuran
Concen: 46.902 ng
RT: 13.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.9	30.9	46.3
169	13.3	10.9	16.3

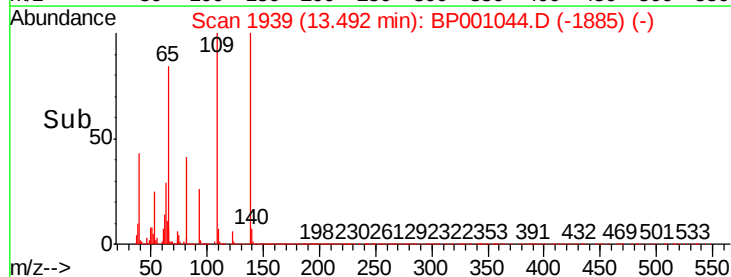
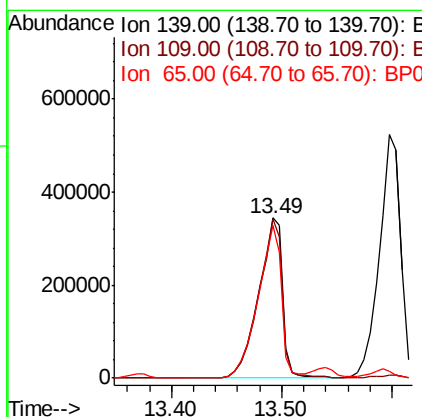
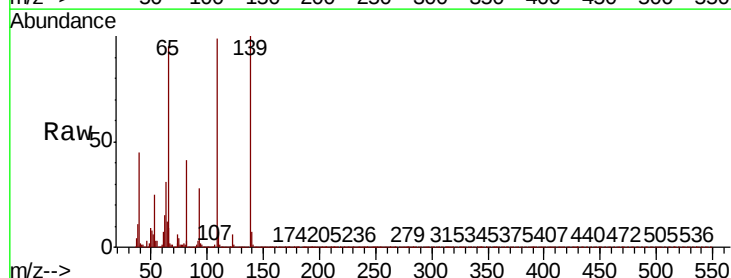
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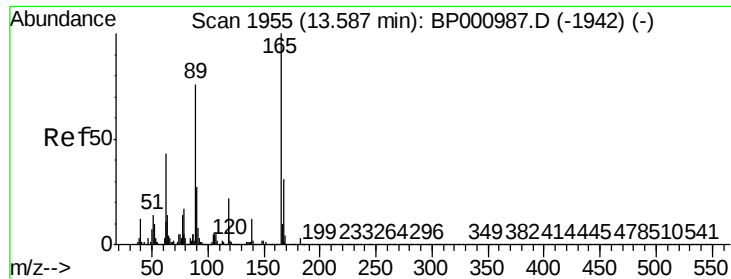
mohammad
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#56
4-Nitrophenol
Concen: 105.512 ng
RT: 13.49 min Scan# 1939
Delta R.T. 0.02 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	99.1	61.6	101.6
65	95.3	72.0	112.0





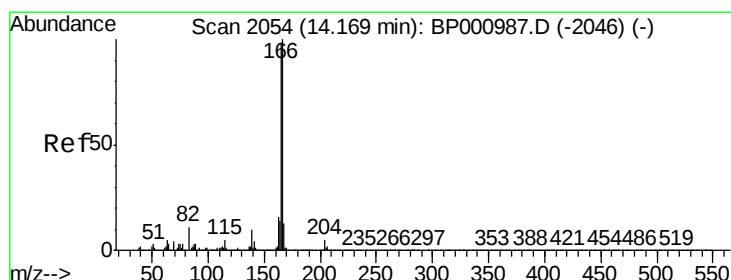
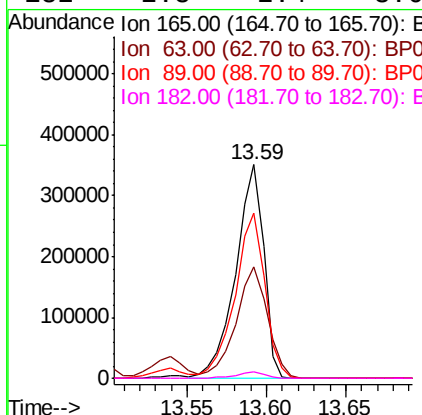
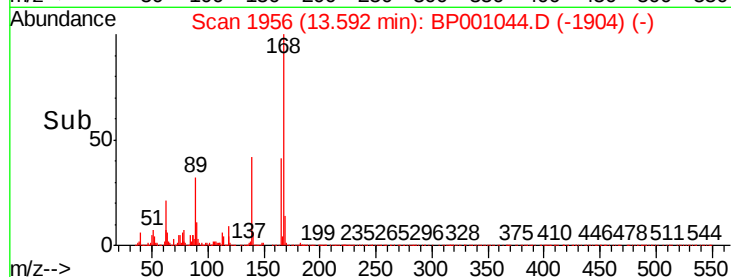
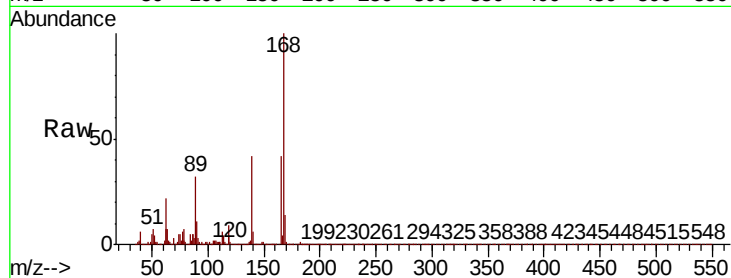
#57
2,4-Dinitrotoluene
Concen: 52.460 ng
RT: 13.59 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.4	34.3	51.5#
89	77.2	60.5	90.7
182	2.8	2.4	3.6

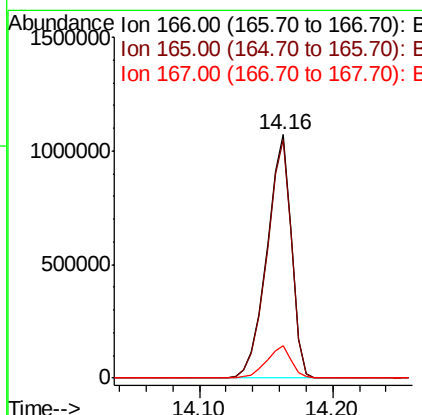
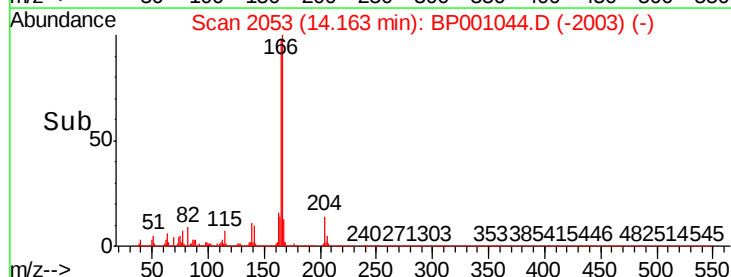
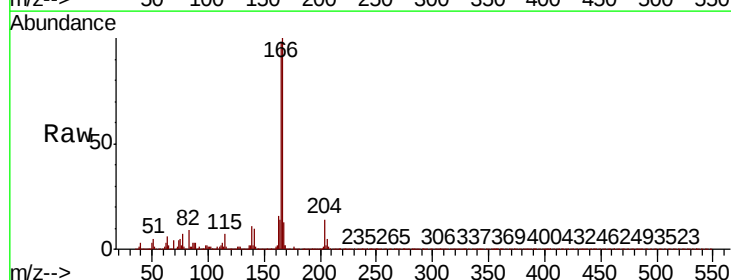
Manual Integrations
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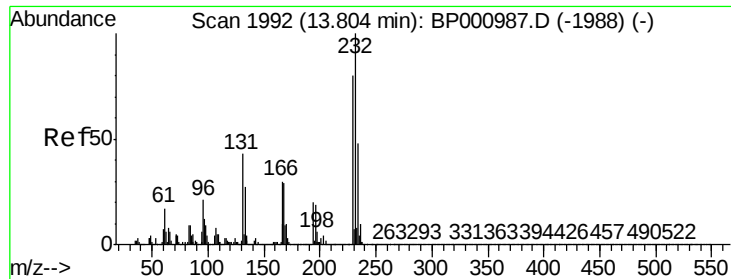
mohammad
11/18/2019 3:06:25 PM



#58
Fluorene
Concen: 47.084 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.2	117.2
167	13.1	10.7	16.1





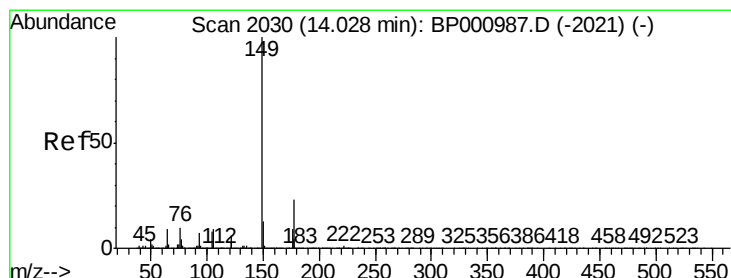
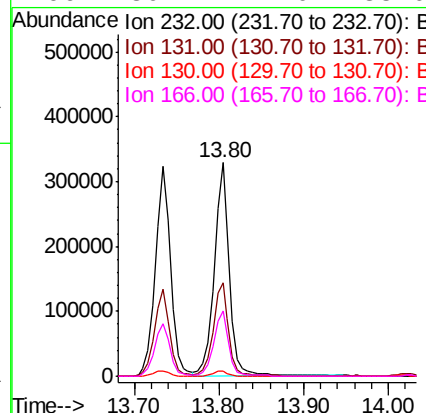
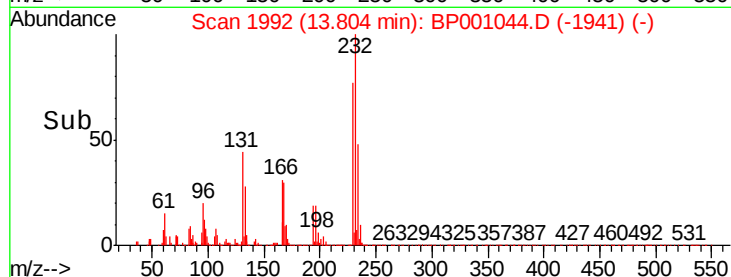
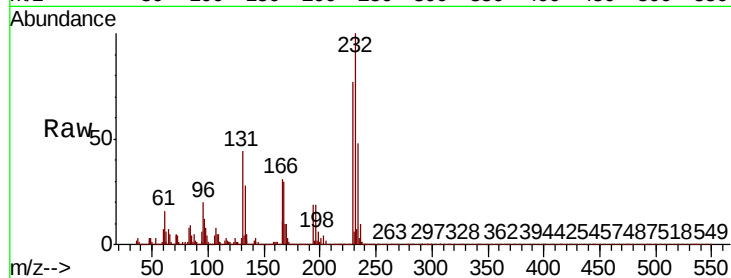
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.632 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.5	32.2	48.2
130	2.4	1.7	2.5
166	30.7	22.0	33.0

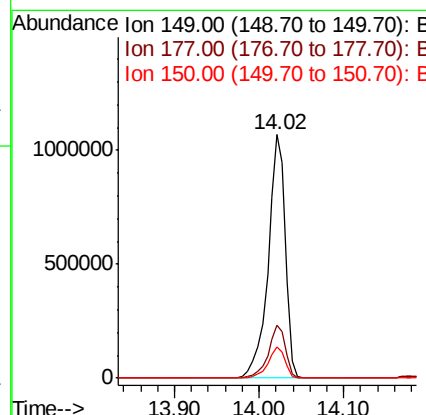
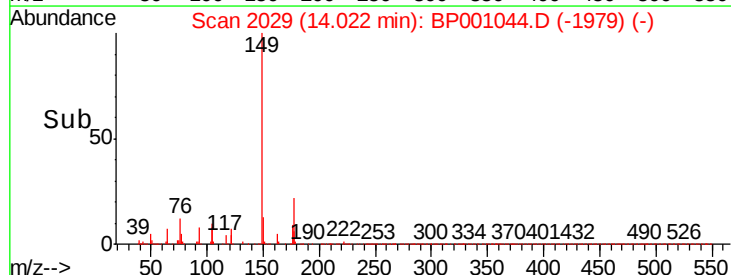
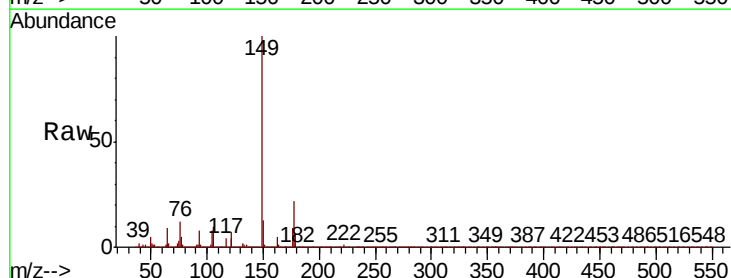
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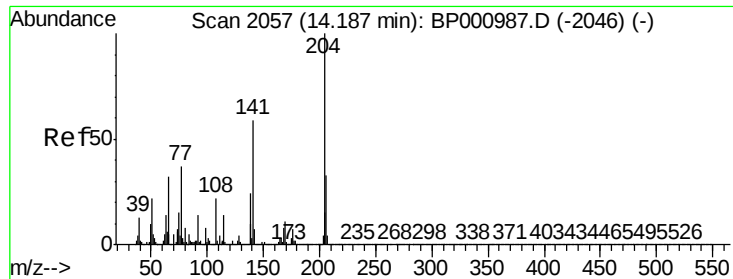
mohammad
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#60
Diethylphthalate
Concen: 47.718 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	18.5	27.7
150	12.7	10.2	15.2





#61

4-Chlorophenyl-phenylether

Concen: 47.254 ng

RT: 14.18 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

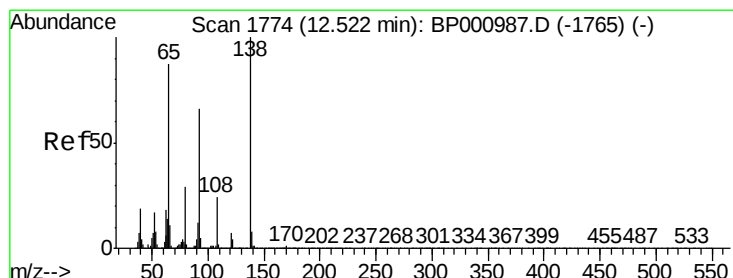
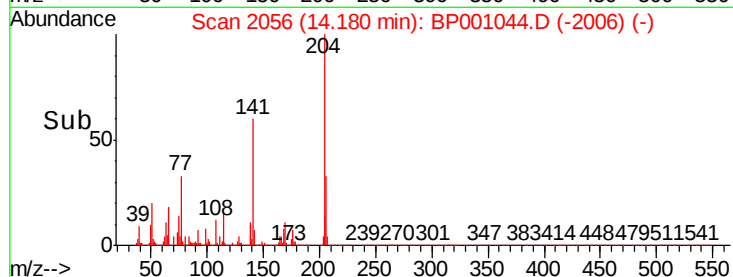
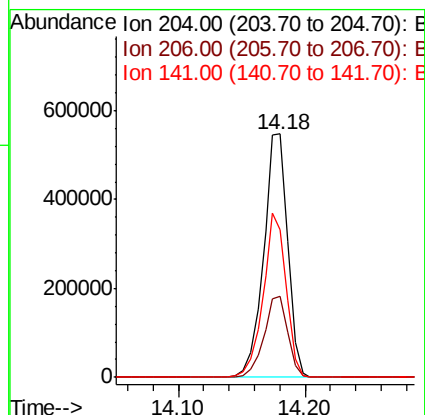
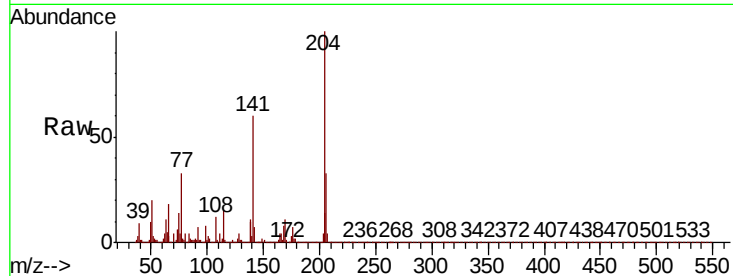
ClientSampleId :

OK-03-111219MSD

Tot Ion:	204	Resp:	721398
Ion Ratio	Lower	Upper	
204	100		
206	33.4	26.5	39.7
141	60.4	46.9	70.3

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#62

4-Nitroaniline

Concen: 46.694 ng

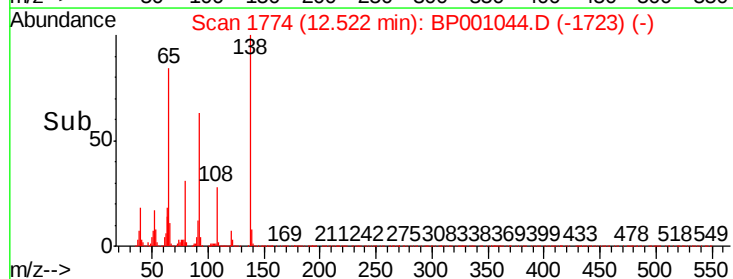
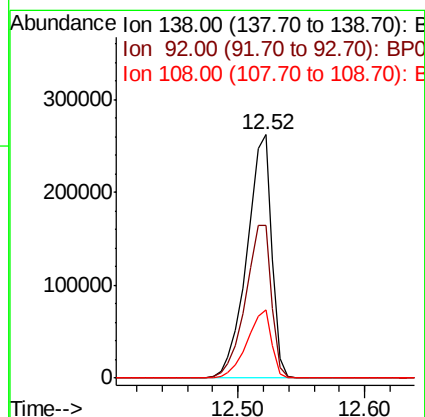
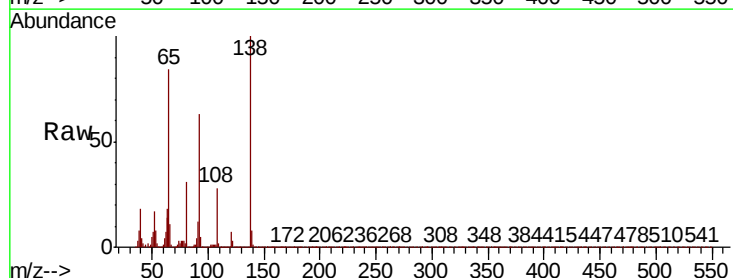
RT: 12.52 min Scan# 1774

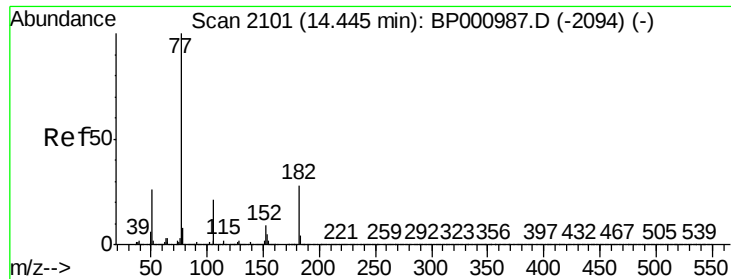
Delta R.T. -0.00 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Tgt Ion:	138	Resp:	357440
Ion Ratio	Lower	Upper	
138	100		
92	62.8	46.4	86.4
108	27.8	3.9	43.9





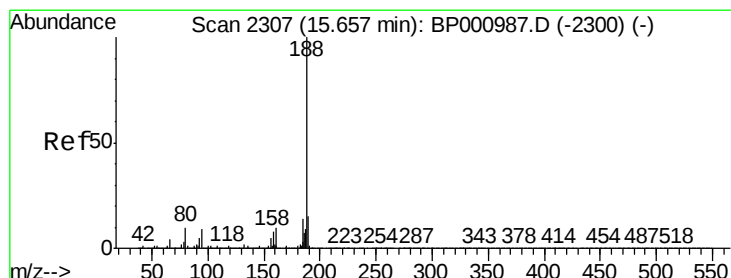
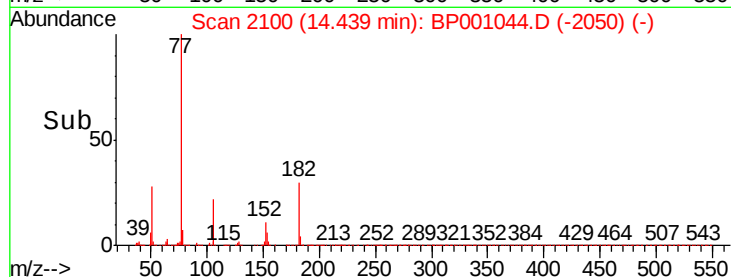
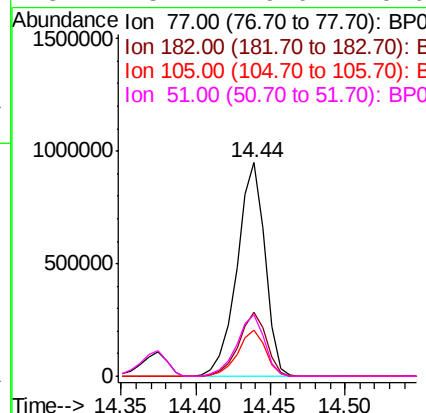
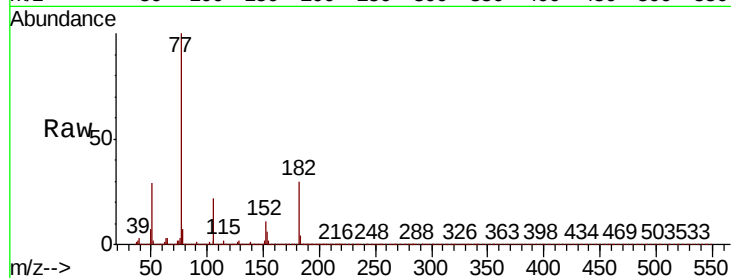
#63
Azobenzene
Concen: 44.934 ng
RT: 14.44 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.0	8.4	48.4
105	21.7	1.0	41.0
51	28.7	6.0	46.0

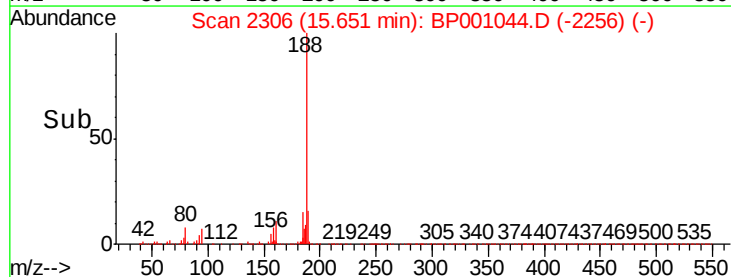
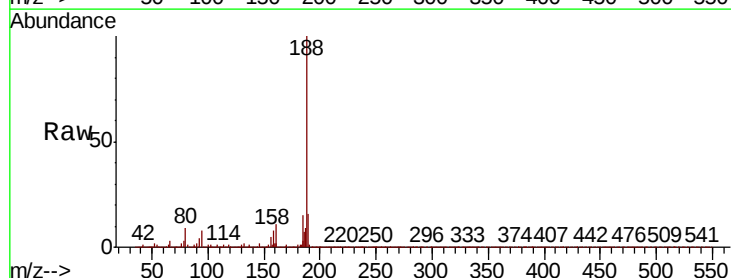
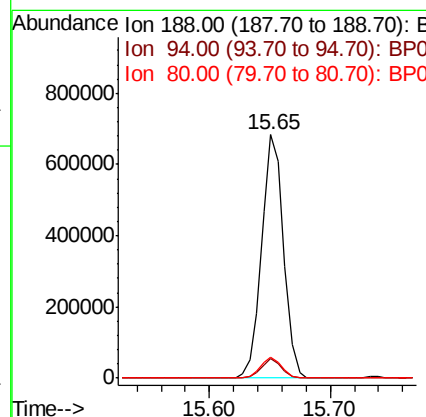
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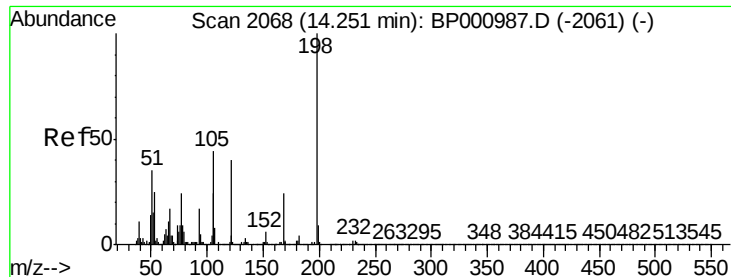
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.4	11.2
80	8.6	7.9	11.9





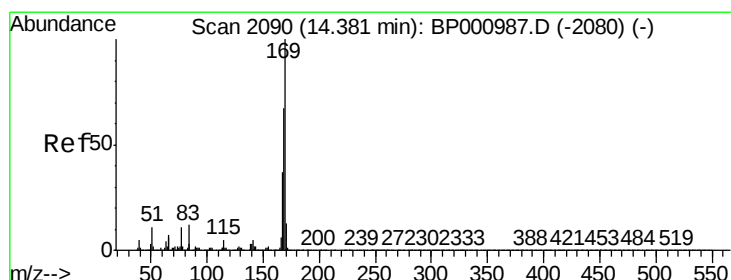
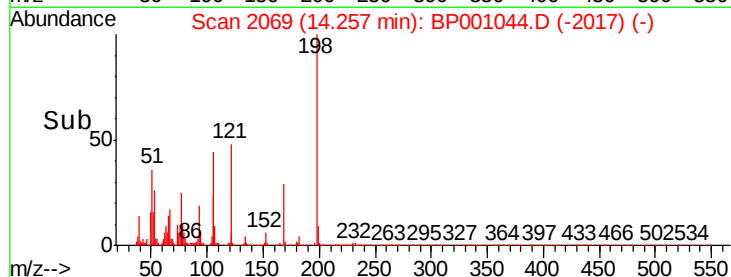
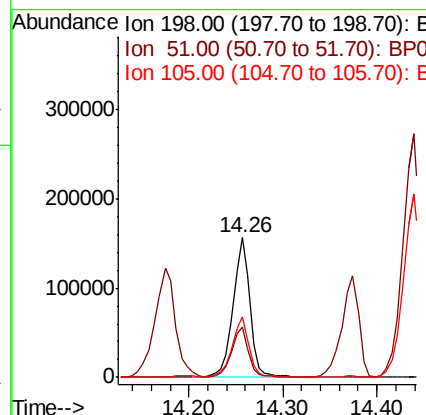
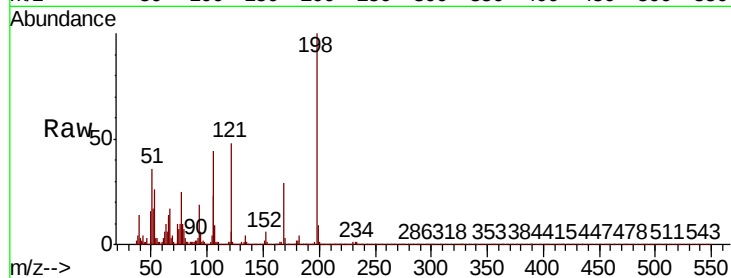
#65
4,6-Dinitro-2-methylphenol
Concen: 67.571 ng
RT: 14.26 min Scan# 2069
Delta R.T. 0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.1	16.0	56.0
105	43.7	24.9	64.9

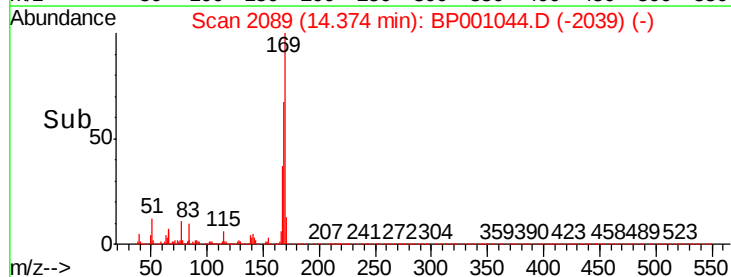
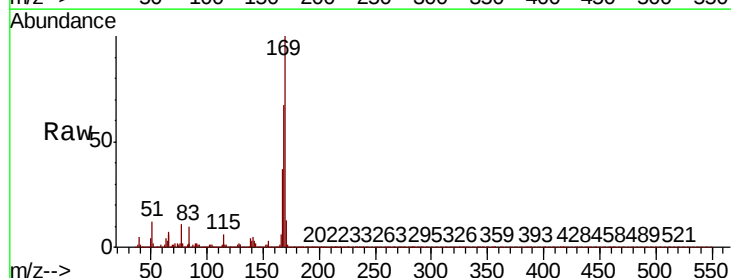
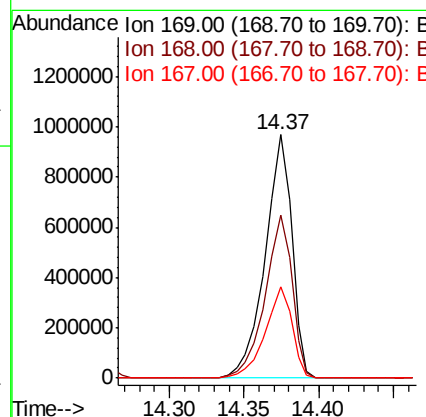
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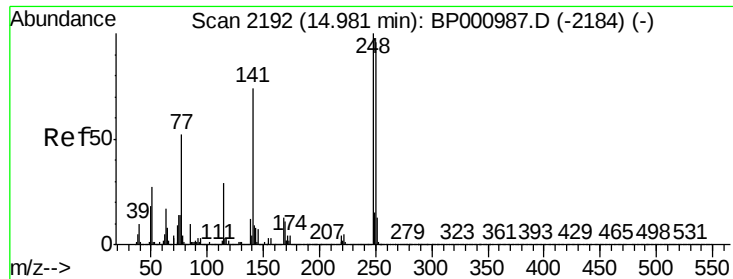
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#66
n-Nitrosodiphenylamine
Concen: 48.465 ng
RT: 14.37 min Scan# 2089
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	53.3	79.9
167	37.5	29.4	44.2





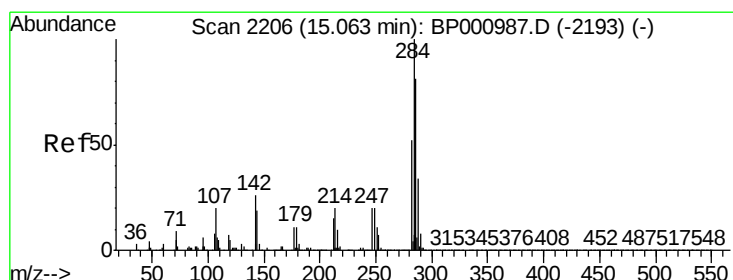
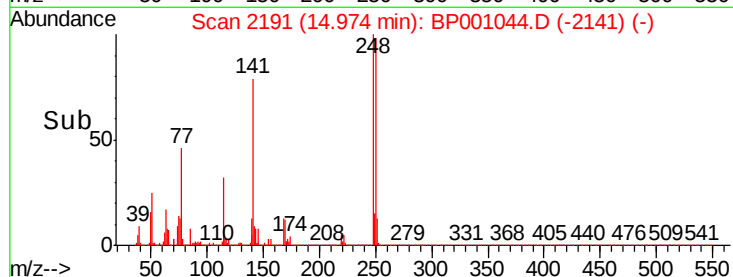
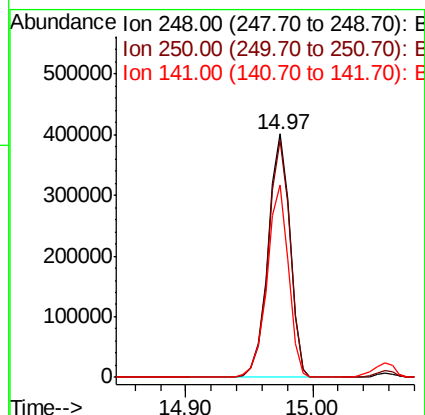
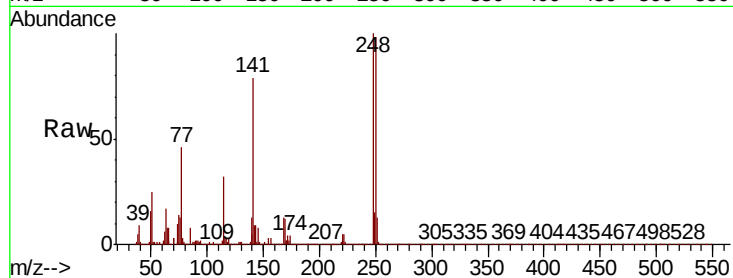
#67
4-Bromophenyl-phenylether
Concen: 47.598 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.0	115.6
141	78.9	59.4	89.0

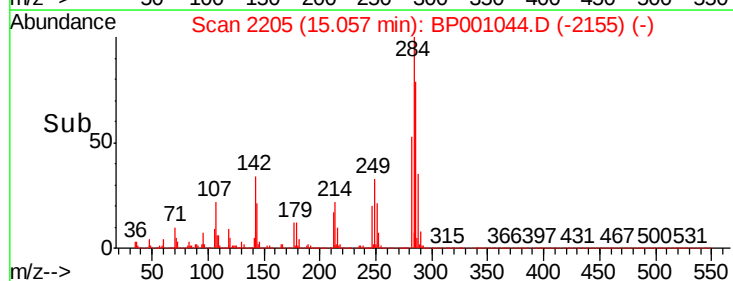
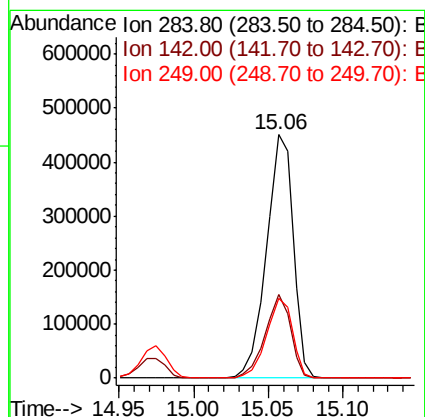
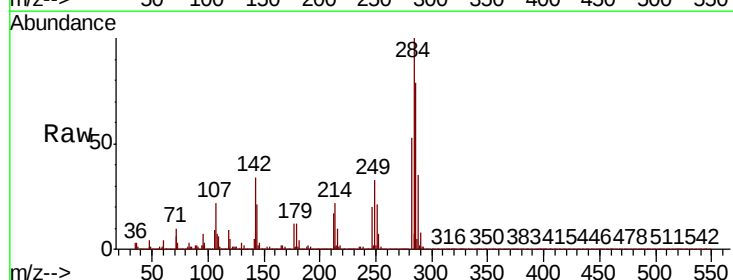
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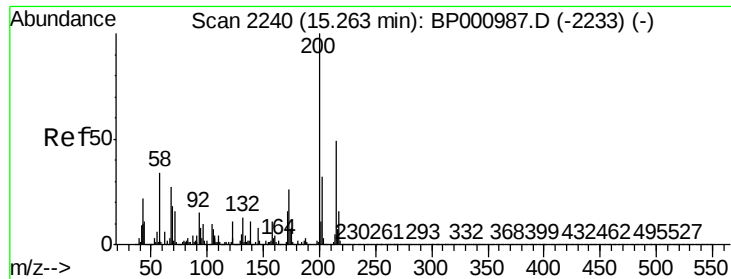
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#68
Hexachlorobenzene
Concen: 47.382 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.3	25.8	38.8
249	32.6	25.4	38.0





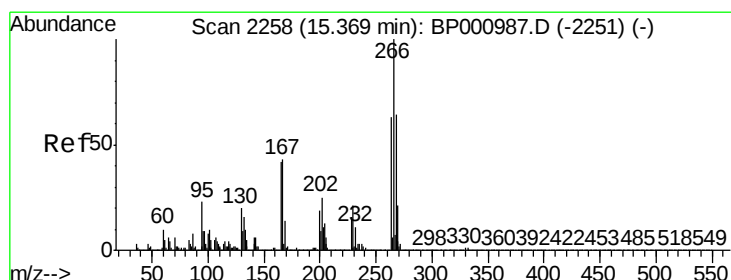
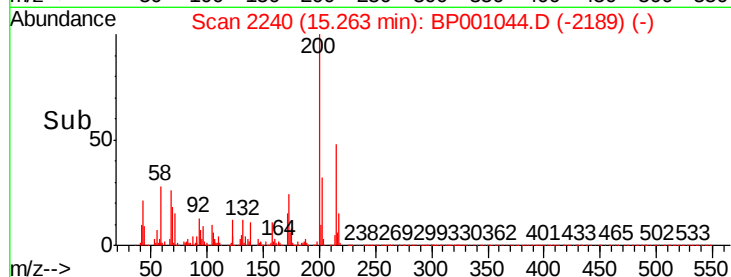
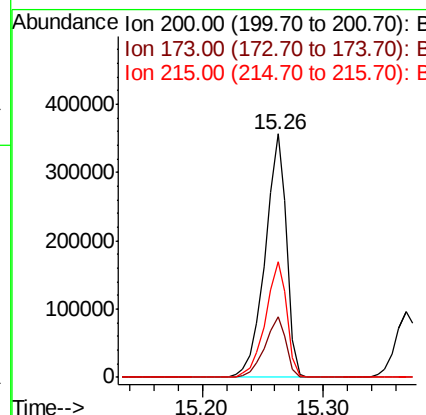
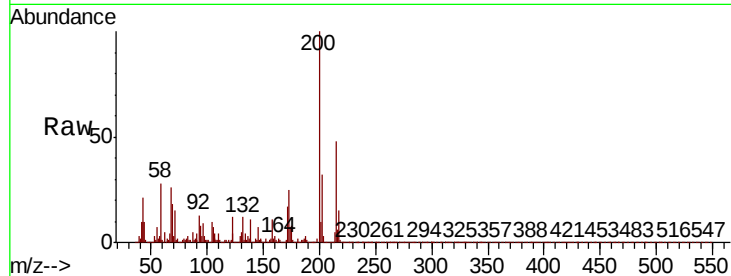
#69
Atrazine
Concen: 48.490 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	5.8	45.8
215	47.6	28.6	68.6

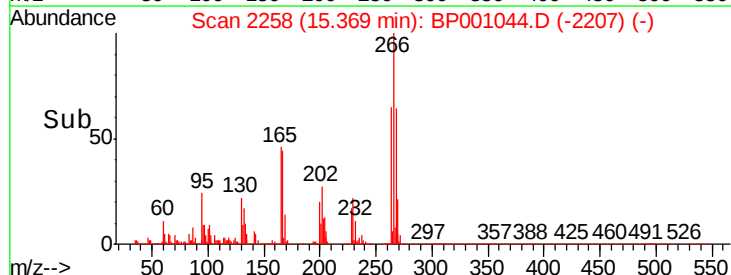
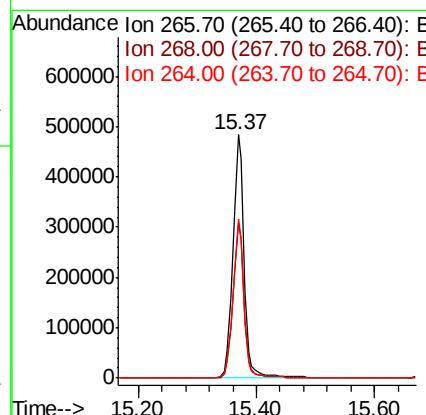
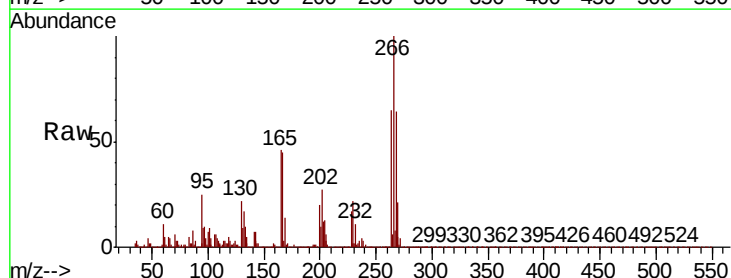
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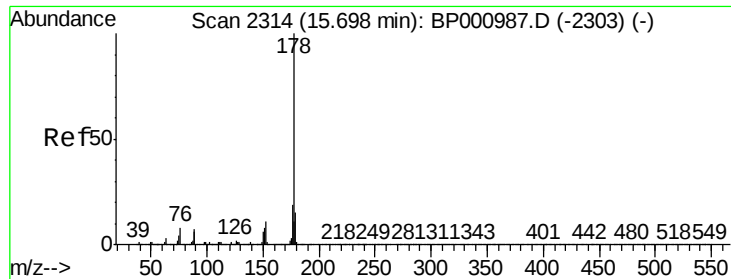
mohammad
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#70
Pentachlorophenol
Concen: 123.193 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.9	76.3
264	65.1	50.6	76.0





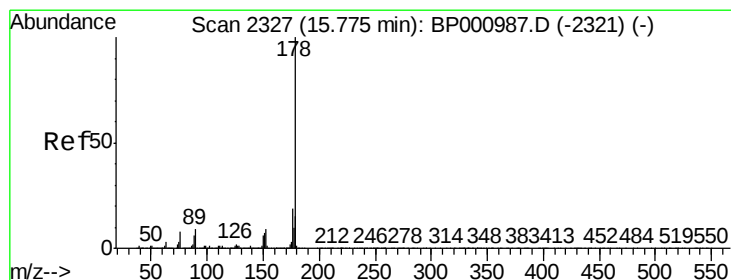
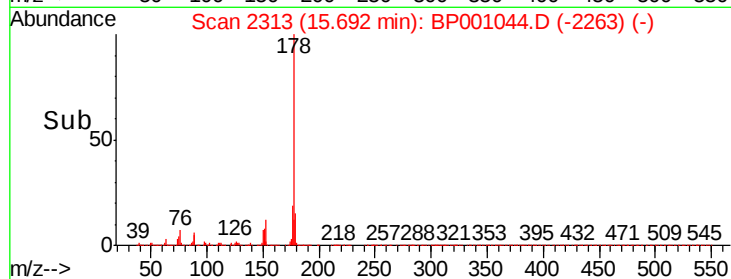
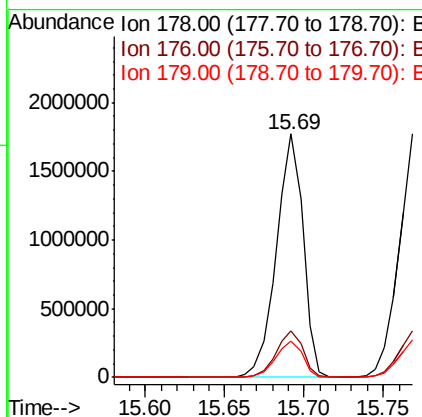
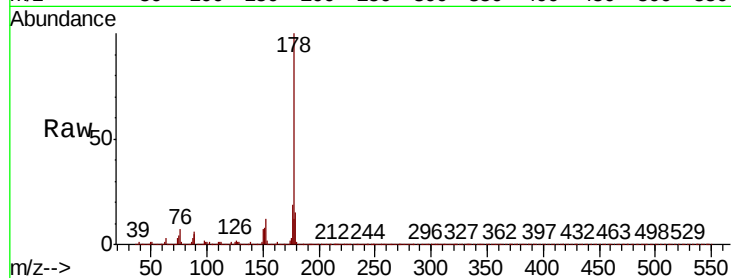
#71
Phenanthrene
Concen: 47.151 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.1	12.3	18.5

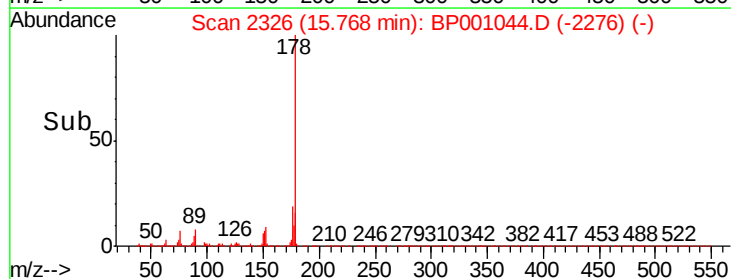
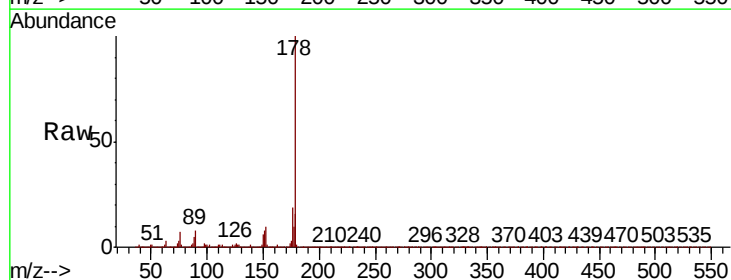
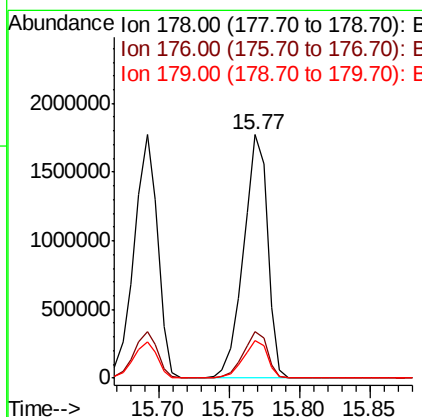
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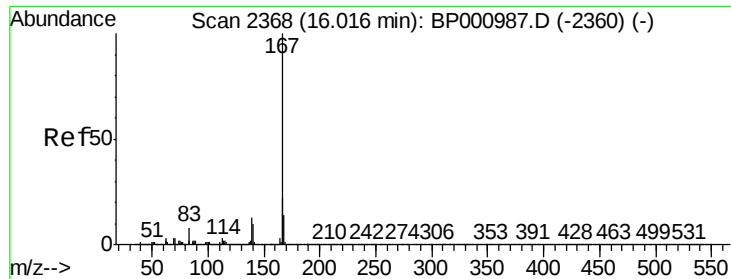
mohammad
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#72
Anthracene
Concen: 49.192 ng
RT: 15.77 min Scan# 2326
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.7	12.3	18.5





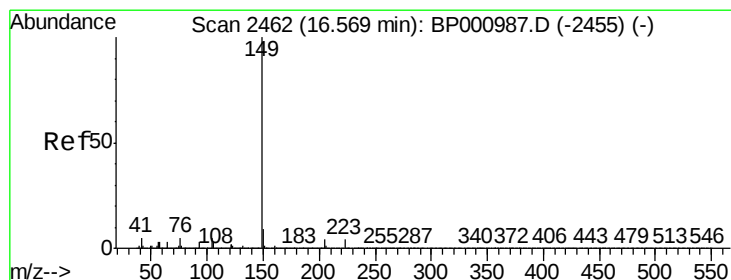
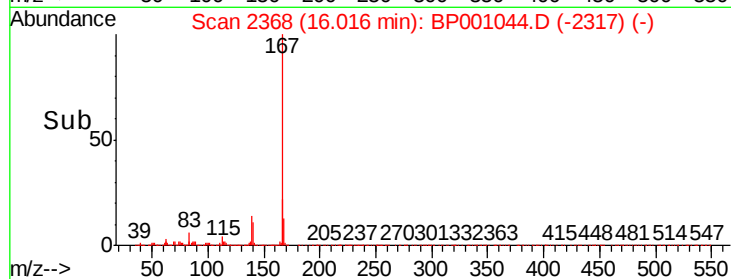
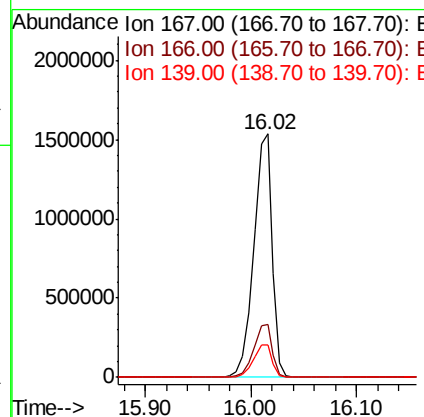
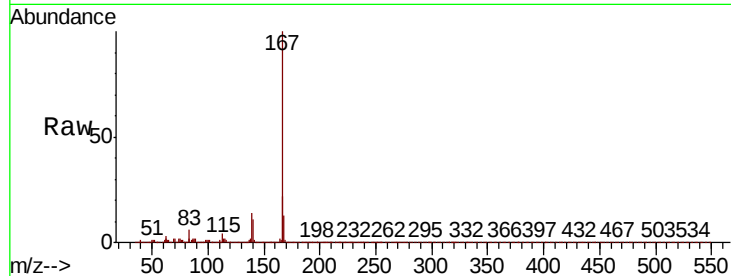
#73
 Carbazole
 Concen: 47.389 ng
 RT: 16.02 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: BP001044.D
 Acq: 15 Nov 2019 16:46

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	13.5	10.6	15.8

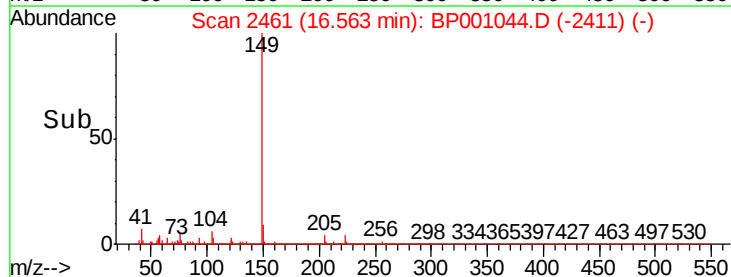
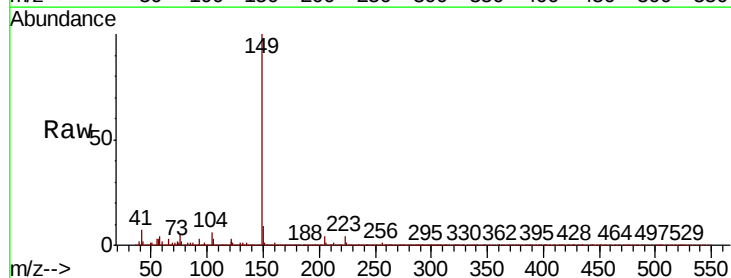
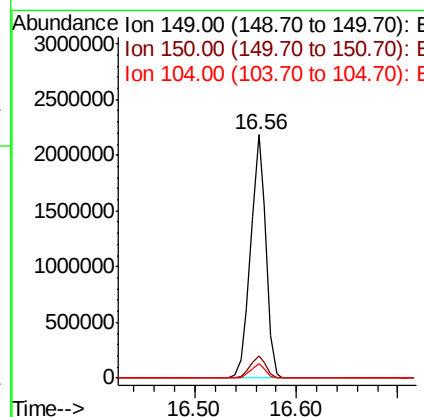
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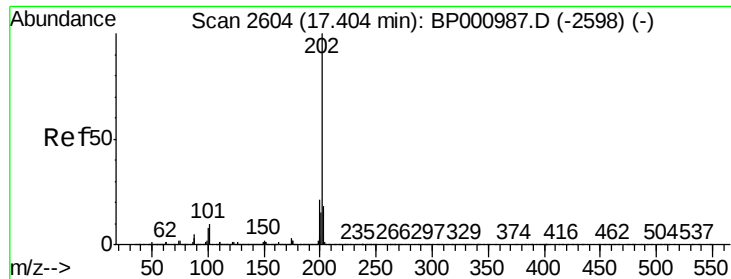
mohammad
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#74
 Di-n-butylphthalate
 Concen: 47.835 ng
 RT: 16.56 min Scan# 2461
 Delta R.T. -0.01 min
 Lab File: BP001044.D
 Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.7	4.2	6.4





#75

Fluoranthene

Concen: 47.440 ng

RT: 17.40 min Scan# 2603

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

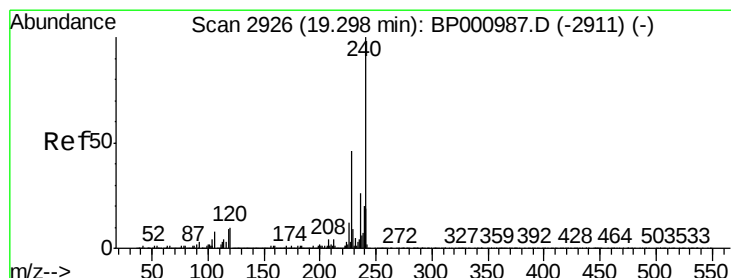
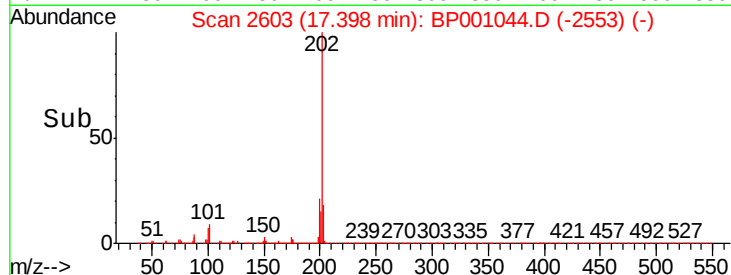
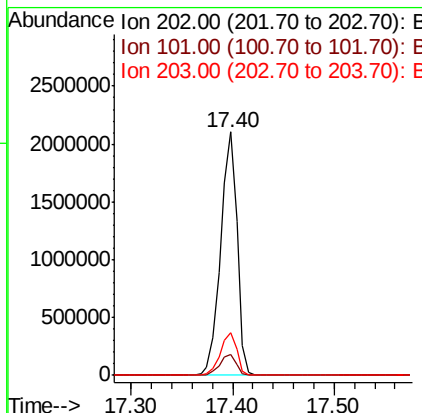
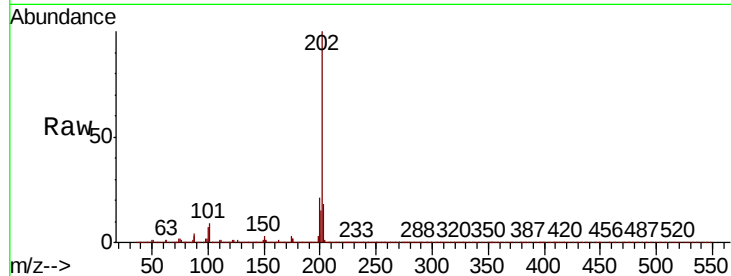
ClientSampleId :

OK-03-111219MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	8.6	0.0	30.1		
203	17.6	0.0	37.7		

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#76

Chrysene-d12

Concen: 20.000 ng

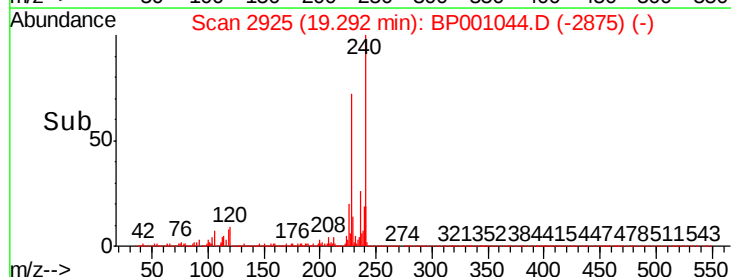
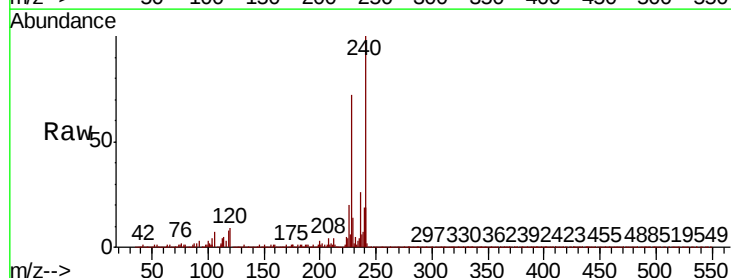
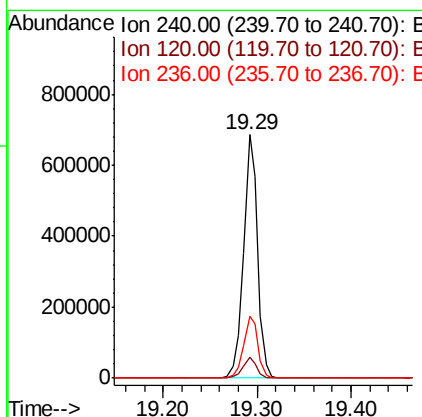
RT: 19.29 min Scan# 2925

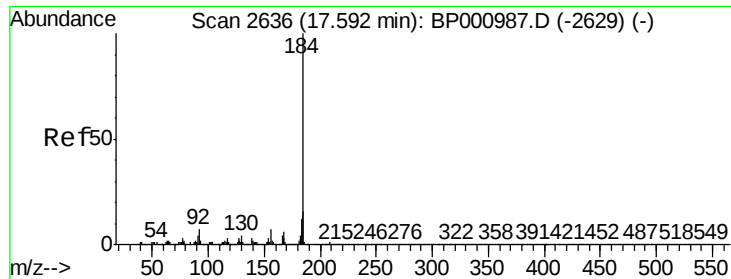
Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	8.7	8.2	12.2		
236	25.5	20.5	30.7		





#77

Benzidine

Concen: 18.915 ng

RT: 17.58 min Scan# 2634

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

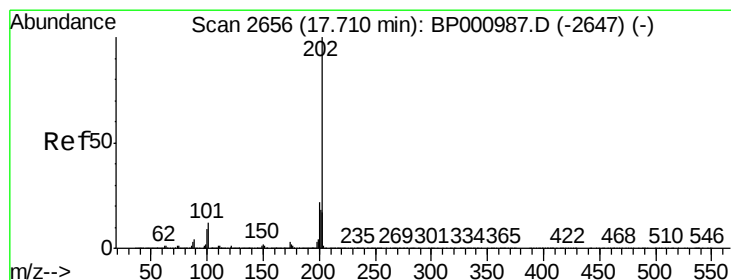
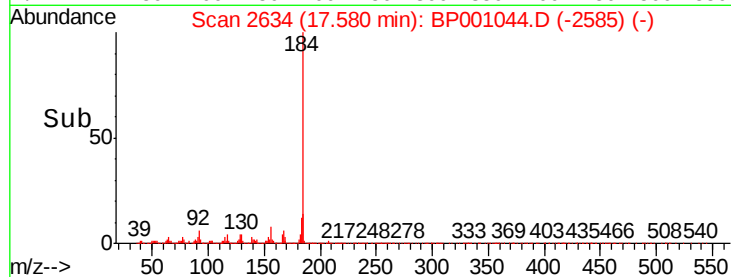
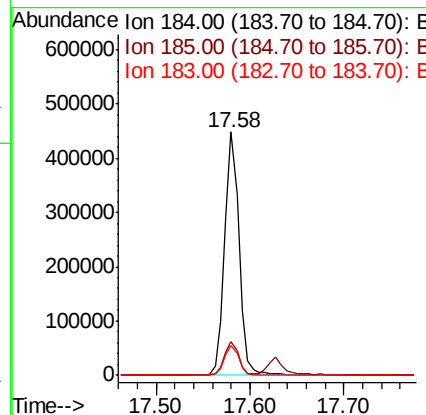
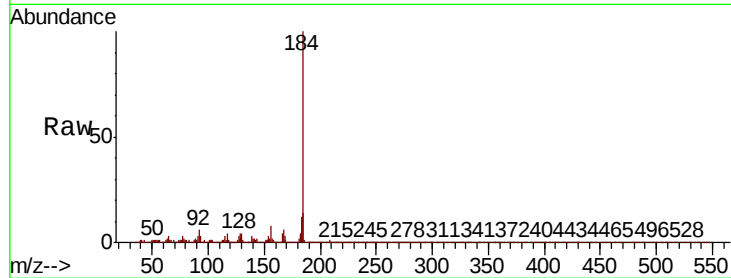
ClientSampleId :

OK-03-111219MSD

Tot Ion:	184	Resp:	488578
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.6	18.8
183	12.4	9.8	14.6

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#78

Pyrene

Concen: 46.623 ng

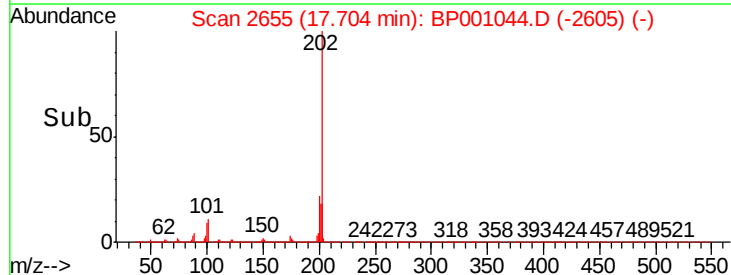
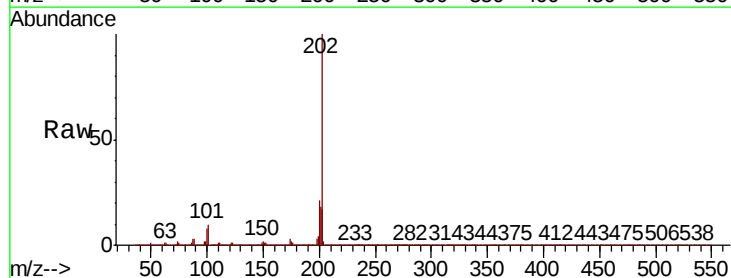
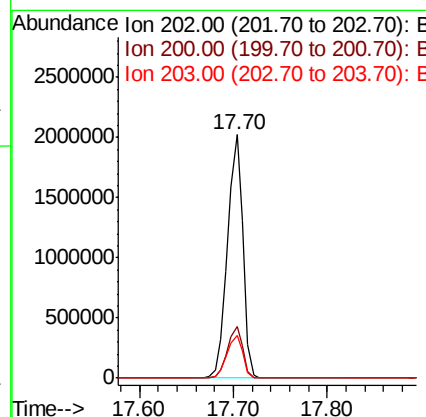
RT: 17.70 min Scan# 2655

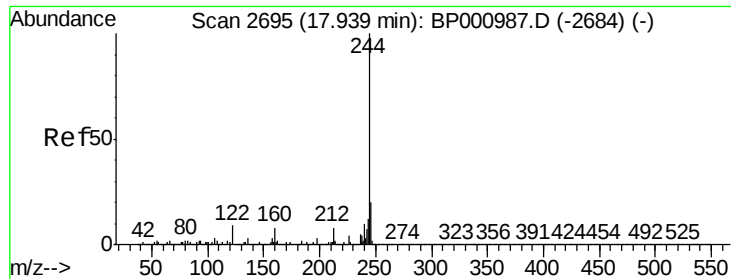
Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Tgt Ion:	202	Resp:	2311039
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.2	25.8
203	17.4	14.0	21.0





#79

Terphenyl-d14

Concen: 100.834 ng

RT: 17.93 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

ClientSampleId :

OK-03-111219MSD

Tot Ion:244 Resp: 355529

Ion Ratio Lower Upper

244 100

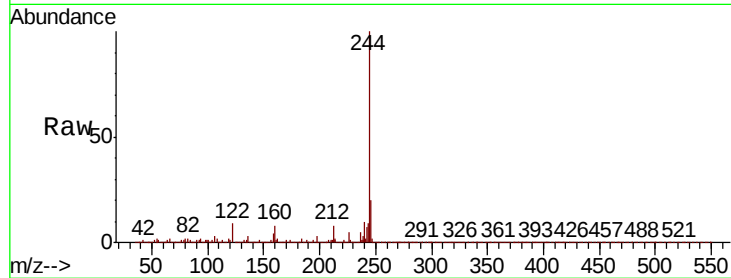
212 7.7 6.0 9.0

122 8.6 7.4 11.2

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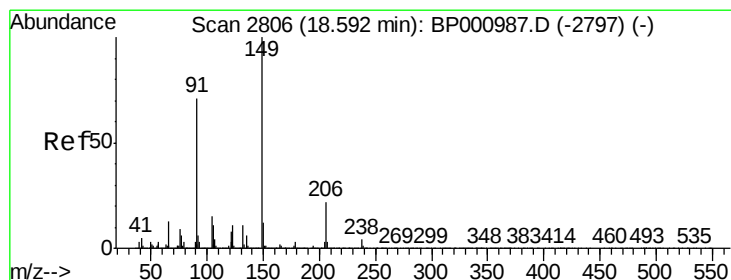
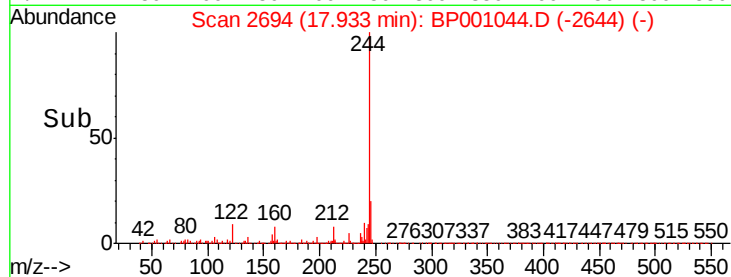
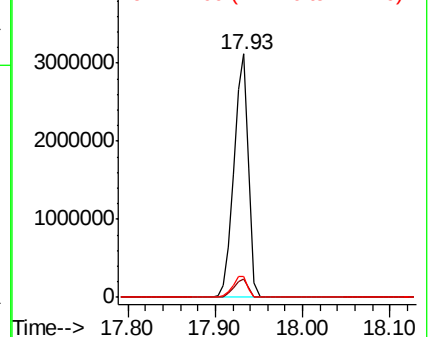


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.462 ng

RT: 18.58 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

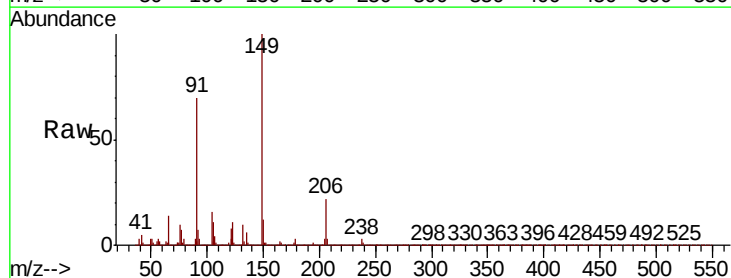
Tgt Ion:149 Resp: 990425

Ion Ratio Lower Upper

149 100

91 70.0 56.6 84.8

206 21.6 18.0 27.0

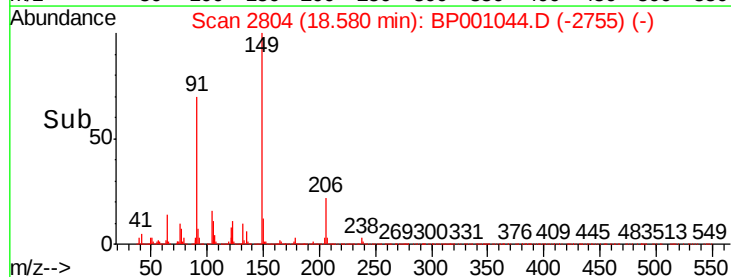
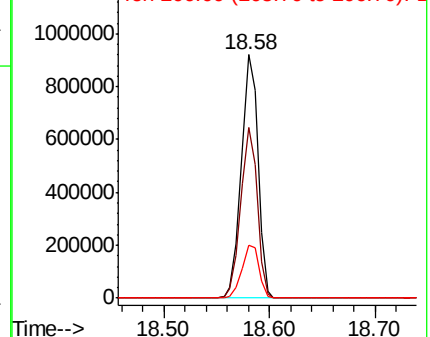


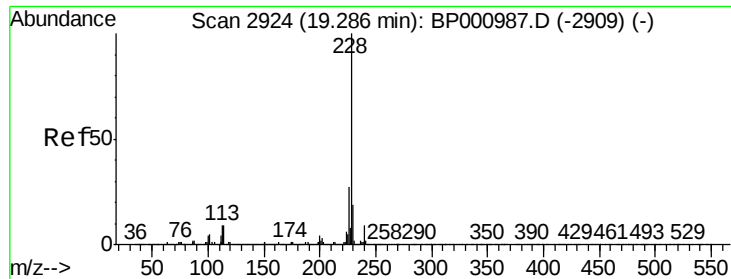
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





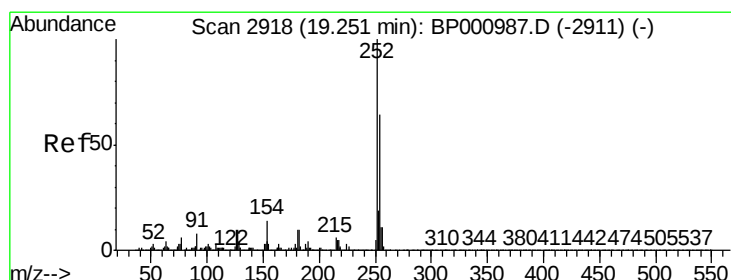
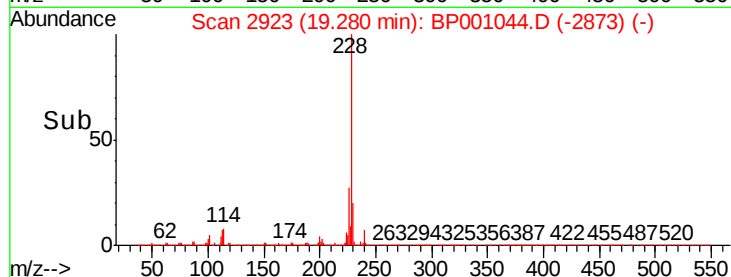
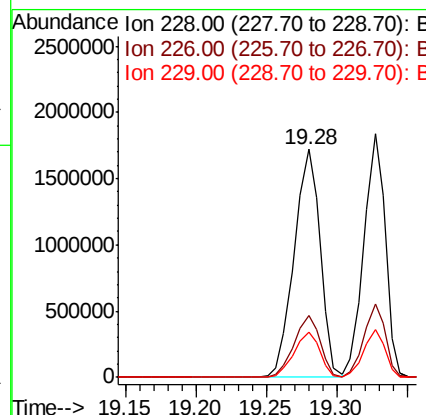
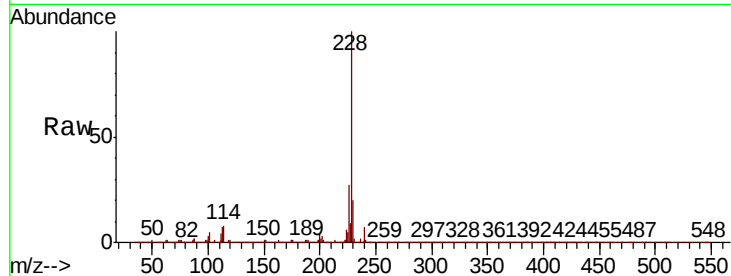
#81
Benzo(a)anthracene
Concen: 46.747 ng
RT: 19.28 min Scan# 2923
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.9	15.6	23.4

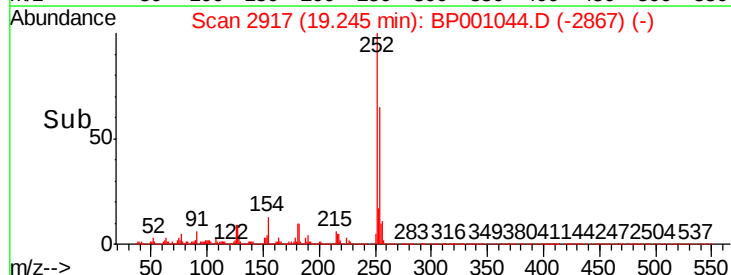
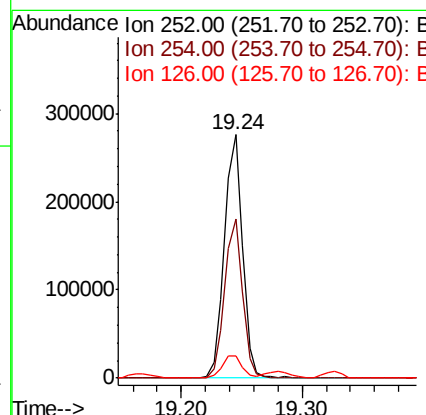
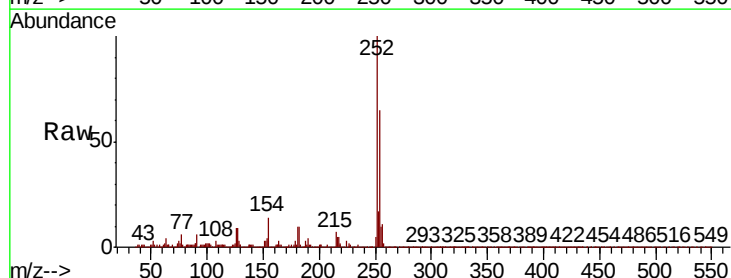
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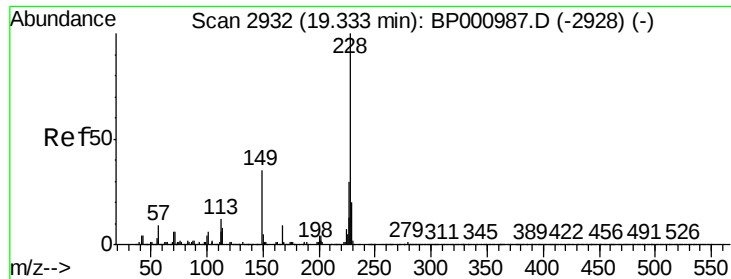
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#82
3,3'-Dichlorobenzidine
Concen: 16.592 ng
RT: 19.24 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.1	76.7
126	9.1	8.3	12.5





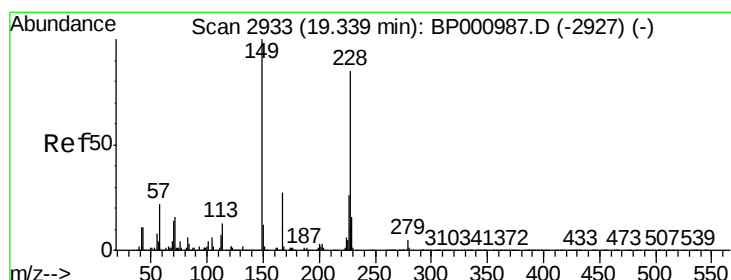
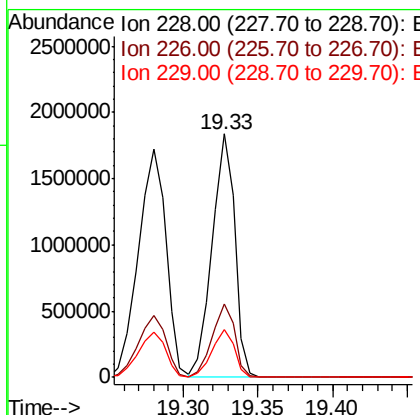
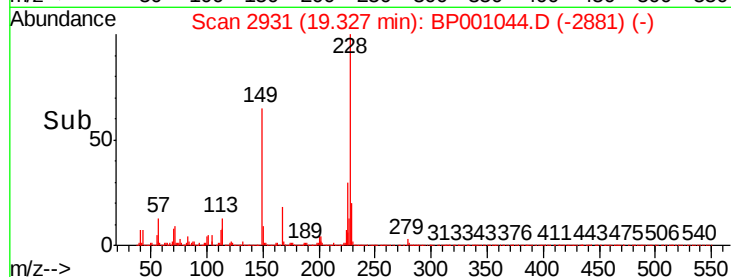
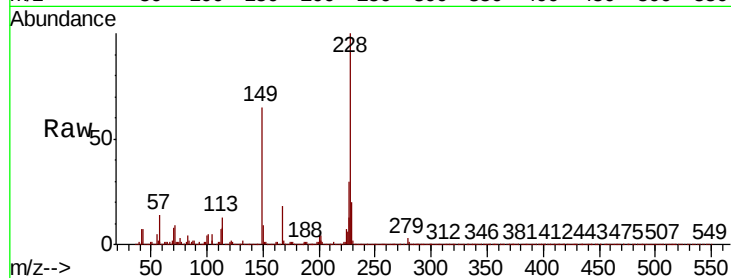
#83
Chrysene
Concen: 47.029 ng
RT: 19.33 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion:228 Resp: 1950424
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.8 15.8 23.6

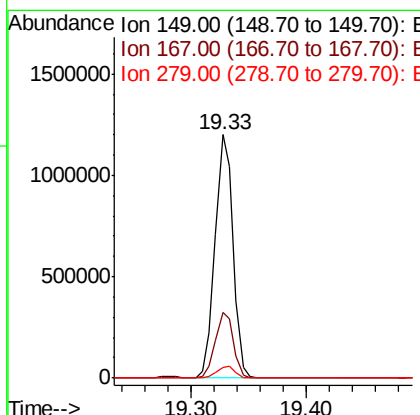
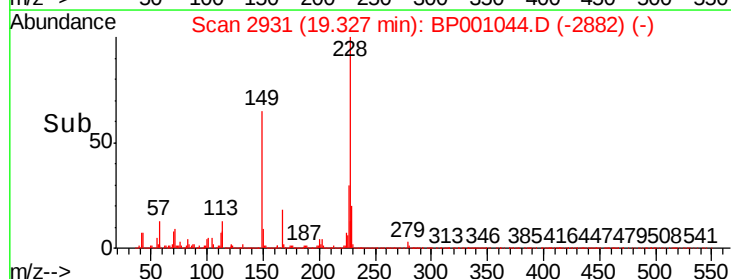
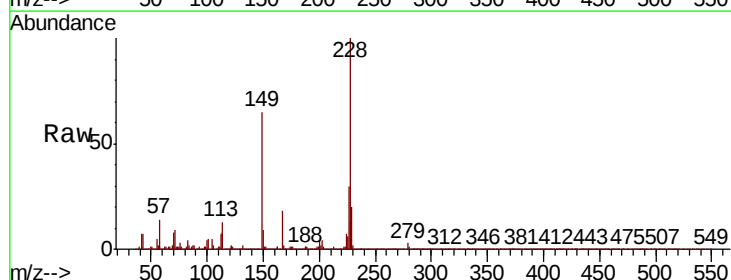
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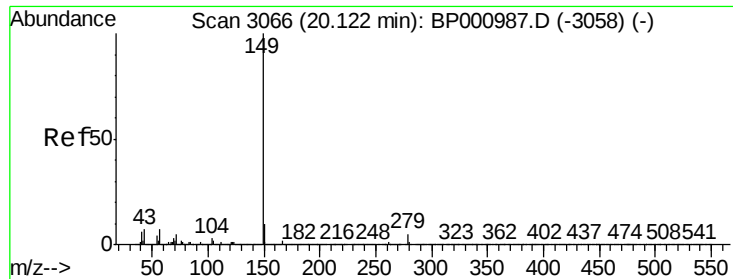
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.677 ng
RT: 19.33 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion:149 Resp: 1289593
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.2
279 4.6 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 50.957 ng

RT: 20.11 min Scan# 3064

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

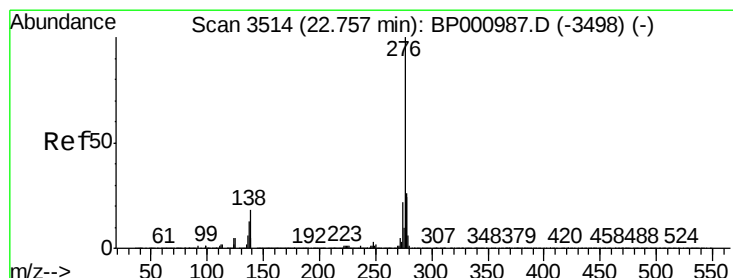
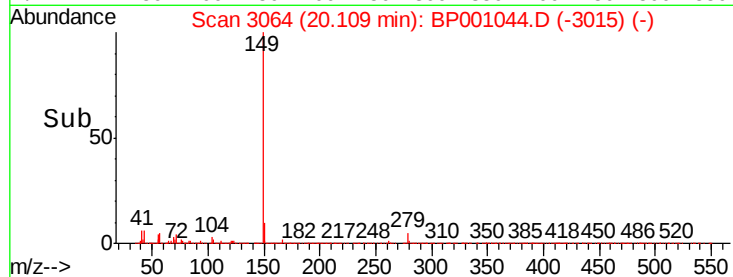
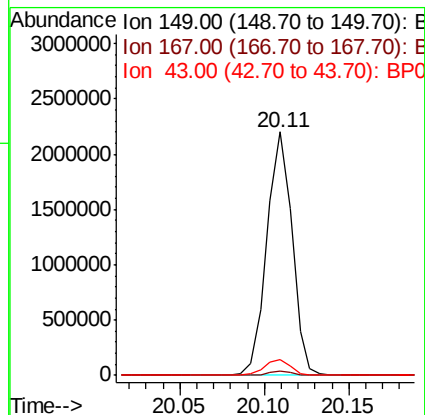
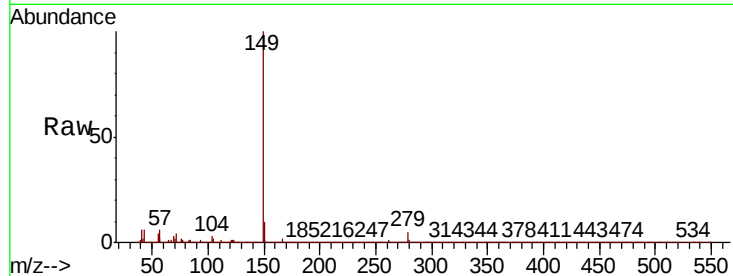
ClientSampleId :

OK-03-111219MSD

Tot Ion:	149	Resp:	2289267
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	6.6	5.6	8.4

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.458 ng

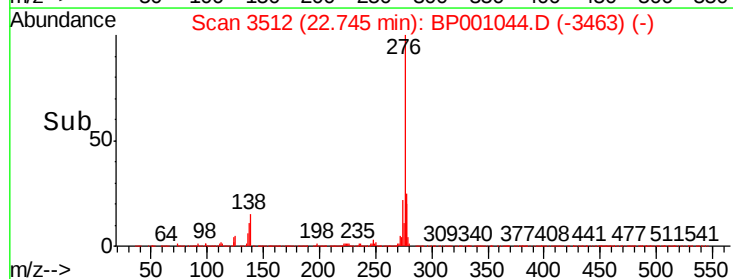
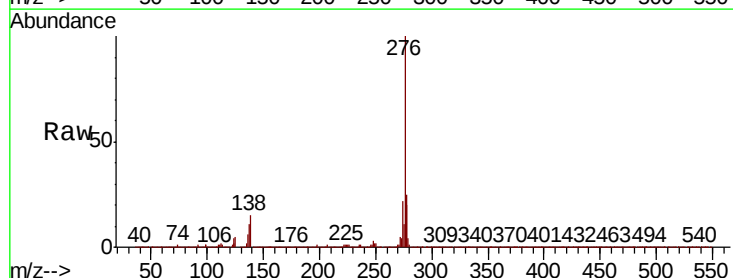
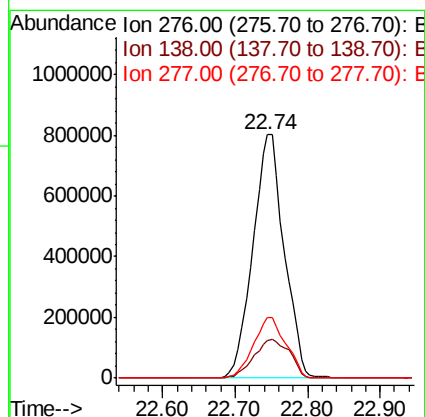
RT: 22.74 min Scan# 3512

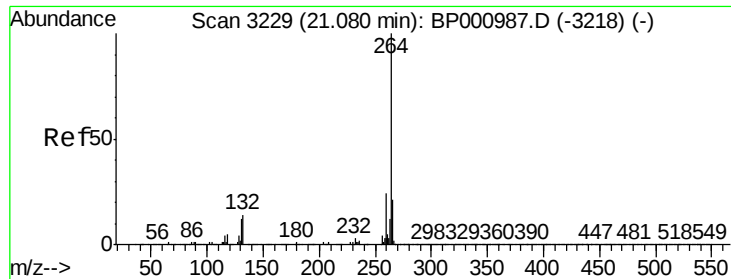
Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Tgt Ion:	276	Resp:	2409318
Ion Ratio	Lower	Upper	
276	100		
138	18.0	17.6	26.4
277	26.0	20.2	30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3227

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

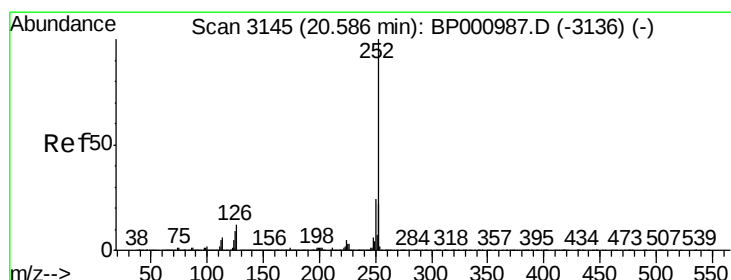
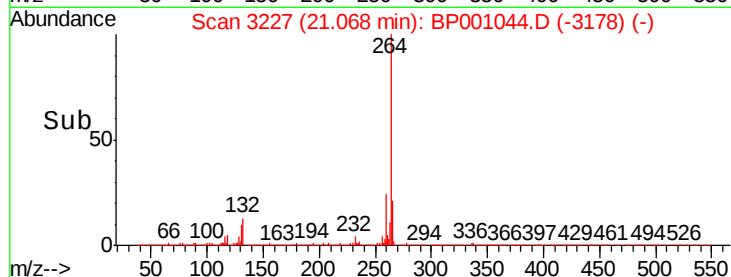
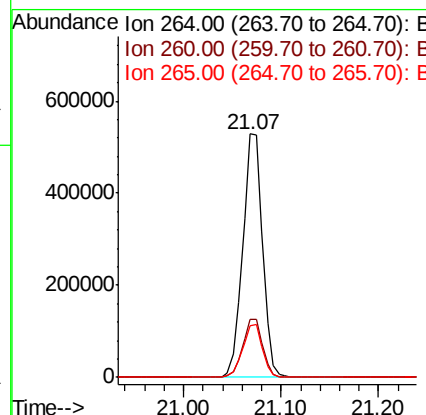
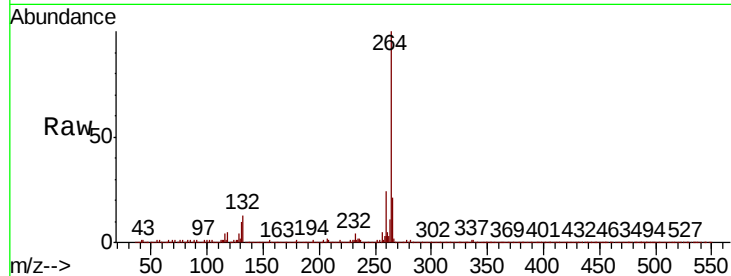
ClientSampleId :

OK-03-111219MSD

Tot Ion:	264	Resp:	742413
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.8	28.2
265	21.1	17.1	25.7

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 47.043 ng

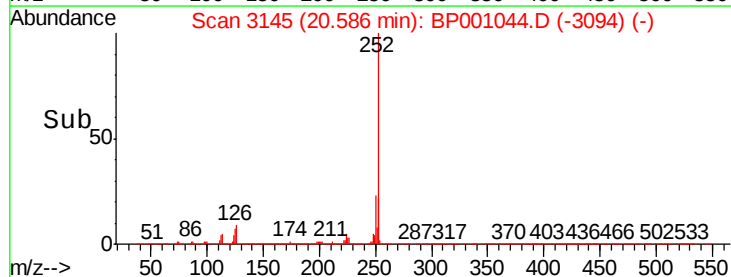
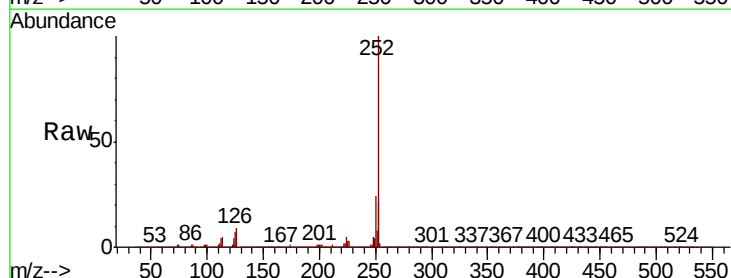
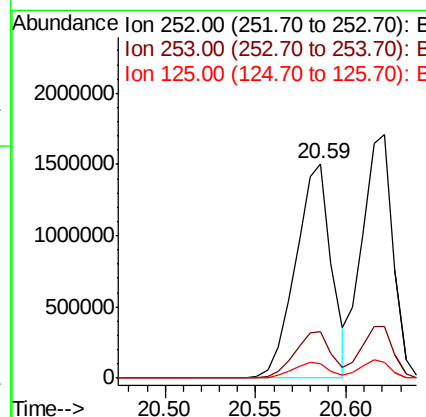
RT: 20.59 min Scan# 3145

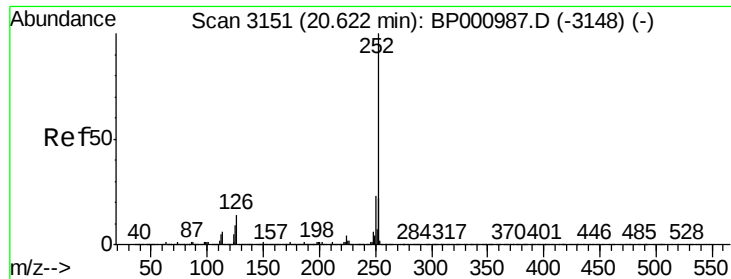
Delta R.T. -0.00 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Tgt Ion:	252	Resp:	2081844
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.9	26.9
125	7.0	7.3	10.9#





#89

Benzo(k)fluoranthene

Concen: 48.982 ng

RT: 20.62 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Instrument :

BNA_P

ClientSampleId :

OK-03-111219MSD

Tot Ion:252 Resp: 2040490

Ion Ratio Lower Upper

252 100

253 21.4 17.7 26.5

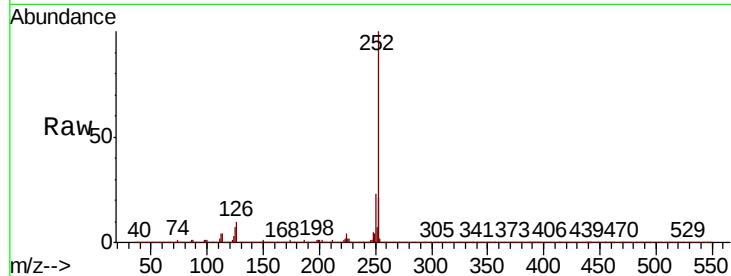
125 6.7 7.3 10.9#

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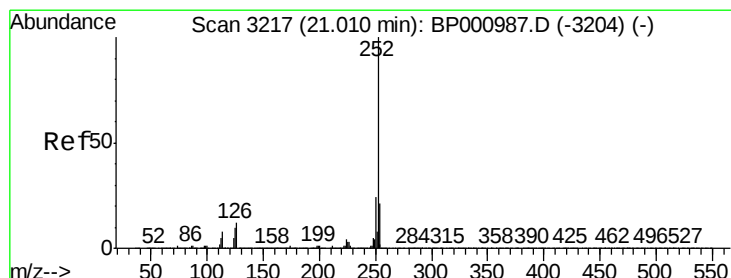
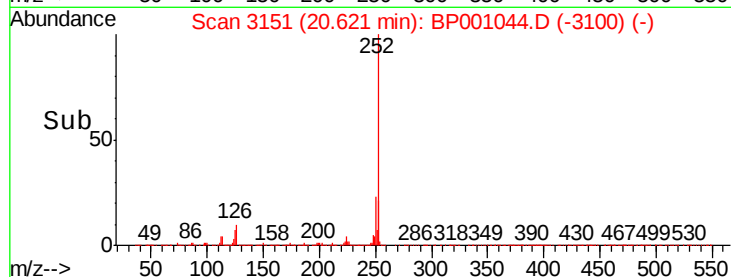
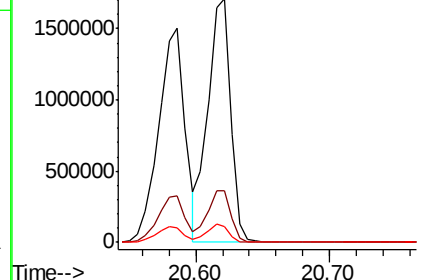
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.215 ng

RT: 21.00 min Scan# 3216

Delta R.T. -0.01 min

Lab File: BP001044.D

Acq: 15 Nov 2019 16:46

Tgt Ion:252 Resp: 1880620

Ion Ratio Lower Upper

252 100

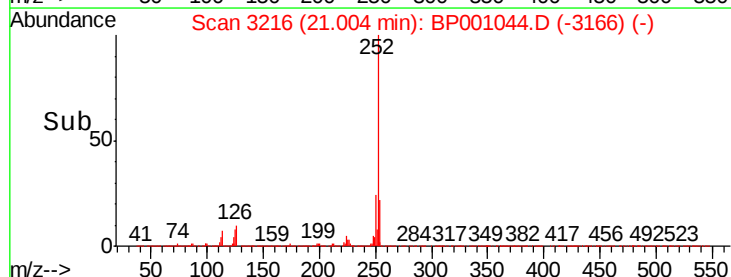
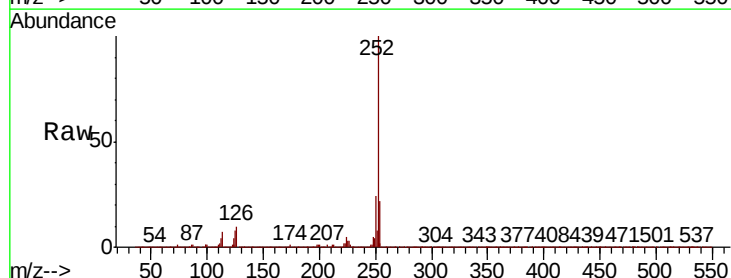
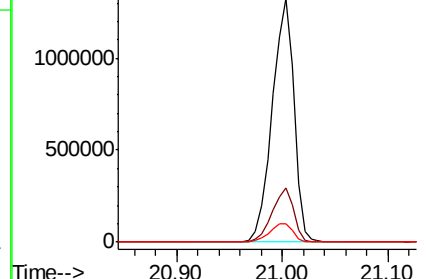
253 22.1 17.1 25.7

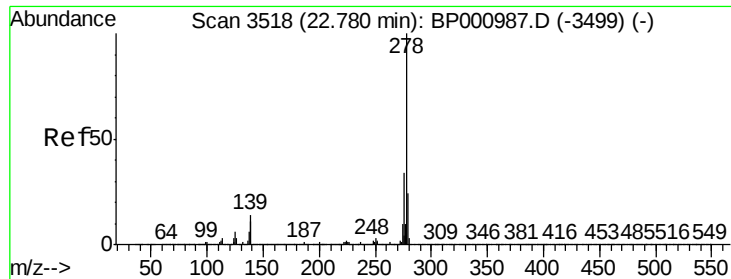
125 7.8 7.6 11.4

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





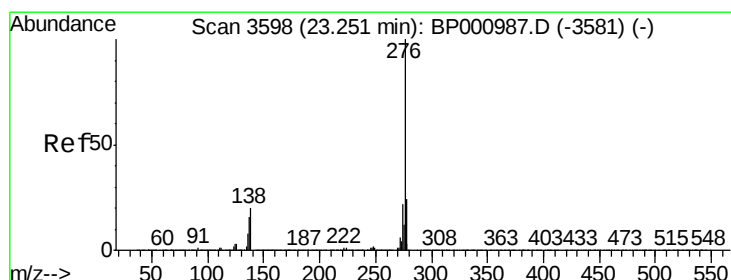
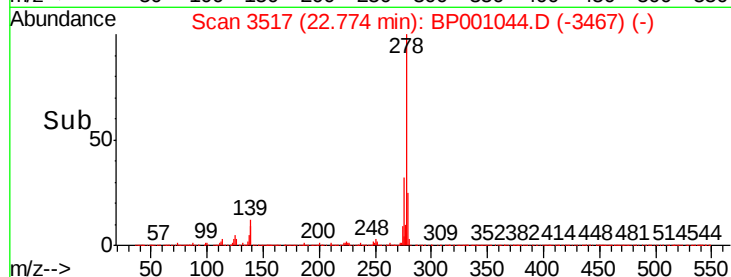
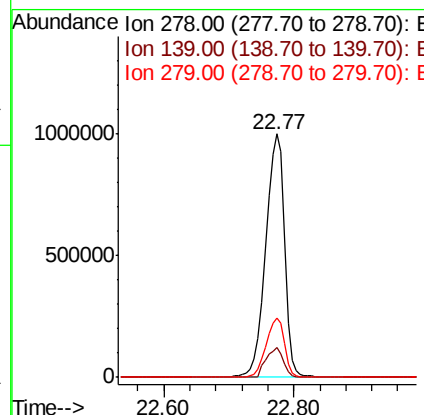
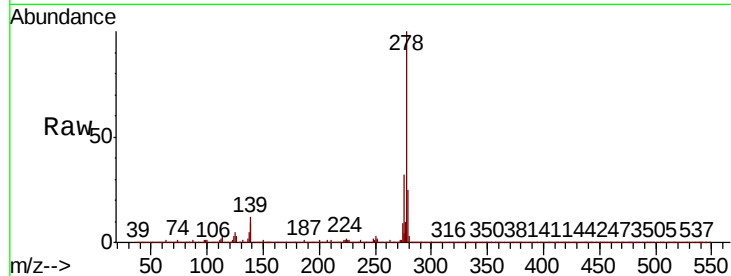
#91
Dibenzo(a,h)anthracene
Concen: 48.246 ng
RT: 22.77 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.3	16.9
279	24.5	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 48.081 ng
RT: 23.25 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BP001044.D
Acq: 15 Nov 2019 16:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	14.7	15.7	23.5#

