

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100319\
 Data File : BP000493.D
 Acq On : 03 Oct 2019 14:20
 Operator : JU
 Sample : K4663-12MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-093019MS

Manual Integrations
 APPROVED

mohammad
 10/7/2019 8:28:19 AM

Quant Time: Oct 04 01:37:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	302296	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1088867	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	605982	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1076990	20.00	ng	0.00
76) Chrysene-d12	13.99	240	802315	20.00	ng	0.00
87) Perylene-d12	15.46	264	902332	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2298168	122.20	ng	0.02
7) Phenol-d6	6.42	99	2731813	120.55	ng	0.01
23) Nitrobenzene-d5	7.33	82	1619314	90.83	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	893095	138.30	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	3513435	93.81	ng	0.00
79) Terphenyl-d14	12.92	244	3742920	94.46	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	256019	34.091	ng	# 89
3) Pyridine	3.43	79	583231m	28.425	ng	
4) n-Nitrosodimethylamine	3.32	42	243625	42.194	ng	98
6) Aniline	6.43	93	352405	12.800	ng	# 1
8) 2-Chlorophenol	6.56	128	840180	45.268	ng	98
9) Benzaldehyde	6.32	77	343316	29.084	ng	99
10) Phenol	6.43	94	979733	42.225	ng	96
11) bis(2-Chloroethyl)ether	6.51	93	892480	49.995	ng	95
12) 1,3-Dichlorobenzene	6.71	146	895061	39.783	ng	98
13) 1,4-Dichlorobenzene	6.79	146	910524	40.219	ng	99
14) 1,2-Dichlorobenzene	6.94	146	833126	39.859	ng	99
15) Benzyl Alcohol	6.92	79	654066	44.690	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	697853	42.381	ng	90
17) 2-Methylphenol	7.03	107	725268	47.283	ng	96
18) Hexachloroethane	7.28	117	319487	39.651	ng	99
19) n-Nitroso-di-n-propylamine	7.19	70	474823	45.456	ng	98
20) 3+4-Methylphenols	7.19	107	862096	48.032	ng	# 74
22) Acetophenone	7.18	105	1153689	45.854	ng	# 98
24) Nitrobenzene	7.35	77	828157	48.163	ng	99
25) Isophorone	7.59	82	1561770	49.358	ng	98
26) 2-Nitrophenol	7.67	139	473452	52.359	ng	98
27) 2,4-Dimethylphenol	7.71	122	796004	57.428	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	1047993	48.737	ng	99
29) 2,4-Dichlorophenol	7.92	162	809889	51.676	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	846170	45.972	ng	99
31) Naphthalene	8.08	128	2461974	48.413	ng	99
32) Benzoic acid	7.84	122	536269	61.272	ng	99
33) 4-Chloroaniline	8.12	127	225436	10.096	ng	98
34) Hexachlorobutadiene	8.20	225	496205	44.609	ng	98
35) Caprolactam	8.49	113	247133m	47.079	ng	
36) 4-Chloro-3-methylphenol	8.62	107	802670	52.291	ng	98
37) 2-Methylnaphthalene	8.77	142	1737821	50.905	ng	100
38) 1-Methylnaphthalene	8.87	142	1618821	50.185	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	864509	45.073	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	767701	98.171	nq	99
43) 2,4,6-Trichlorophenol	9.05	196	594997	50.394	nq	98
44) 2,4,5-Trichlorophenol	9.10	196	632538	51.888	nq	100
46) 1,1'-Biphenyl	9.24	154	2103685	45.991	nq	97
47) 2-Chloronaphthalene	9.26	162	1654625	46.781	nq	99
48) 2-Nitroaniline	9.36	65	375948	43.903	nq	90
49) Acenaphthylene	9.68	152	2559123	47.957	nq	99
50) Dimethylphthalate	9.55	163	2328999	55.312	nq	99
51) 2,6-Dinitrotoluene	9.60	165	454497	49.498	nq	96
52) Acenaphthene	9.85	154	1482409	45.796	nq	99
53) 3-Nitroaniline	9.77	138	247572	23.531	nq	93
54) 2,4-Dinitrophenol	9.89	184	420741	137.318	nq	# 89
55) Dibenzofuran	10.03	168	2303403	47.603	nq	100
56) 4-Nitrophenol	9.95	139	676893	100.770	nq	94
57) 2,4-Dinitrotoluene	10.01	165	592368	48.655	nq	97
58) Fluorene	10.38	166	1725227	50.026	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	523374	50.788	nq	98
60) Diethylphthalate	10.25	149	1875999	46.935	nq	99
61) 4-Chlorophenyl-phenylether	10.36	204	919690	49.593	nq	96
62) 4-Nitroaniline	10.39	138	443006	43.780	nq	98
63) Azobenzene	10.53	77	1531704	49.913	nq	94
65) 4,6-Dinitro-2-methylphenol	10.43	198	291217	60.998	nq	86
66) n-Nitrosodiphenylamine	10.49	169	1588072	50.628	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	599074	49.415	nq	95
68) Hexachlorobenzene	10.93	284	644753	46.800	nq	97
69) Atrazine	11.02	200	493838	47.975	nq	98
70) Pentachlorophenol	11.13	266	707248	127.815	nq	97
71) Phenanthrene	11.34	178	2634824	48.713	nq	99
72) Anthracene	11.39	178	2633151	49.098	nq	99
73) Carbazole	11.55	167	2418046	48.638	nq	98
74) Di-n-butylphthalate	11.89	149	2916612	48.159	nq	99
75) Fluoranthene	12.54	202	2875790	47.339	nq	99
77) Benzidine	12.66	184	107427	4.624	nq	99
78) Pyrene	12.77	202	2879345	52.034	nq	98
80) Butylbenzylphthalate	13.40	149	1252356	51.937	nq	98
81) Benzo(a)anthracene	13.97	228	2375909	48.535	nq	97
82) 3,3'-Dichlorobenzidine	13.93	252	555418	28.564	nq	98
83) Chrysene	14.02	228	2380544	49.546	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1525614	50.307	nq	99
85) Di-n-octyl phthalate	14.59	149	2883298	52.455	nq	99
86) Indeno(1,2,3-cd)pyrene	16.95	276	2872026	47.853	nq	99
88) Benzo(b)fluoranthene	15.03	252	2756218	53.841	nq	97
89) Benzo(k)fluoranthene	15.06	252	2276055	46.701	nq	99
90) Benzo(a)pyrene	15.40	252	2483860	52.050	nq	99
91) Dibenzo(a,h)anthracene	16.96	278	2323702	50.207	nq	99
92) Benzo(g,h,i)perylene	17.39	276	2418316	51.421	nq	98

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

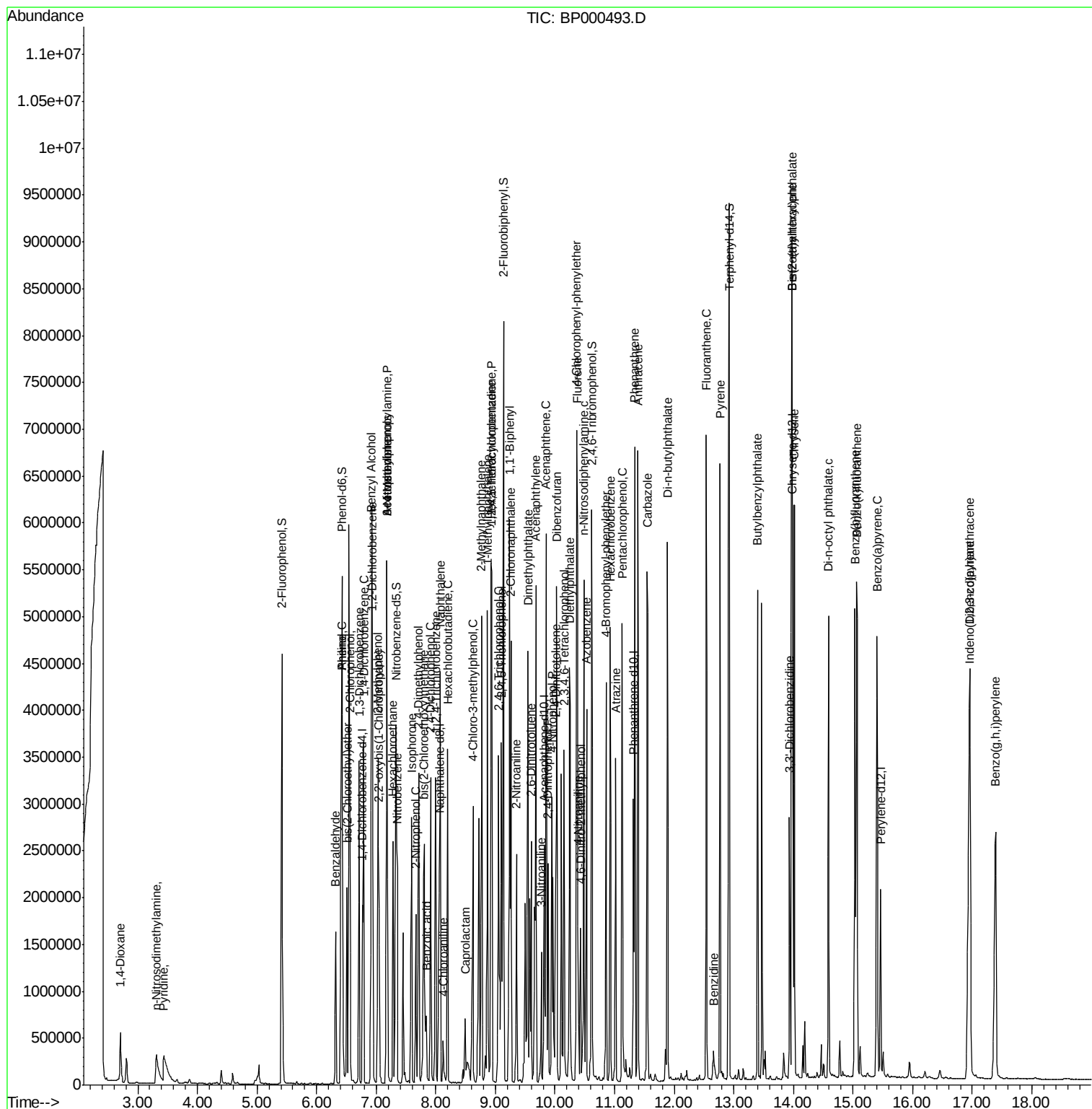
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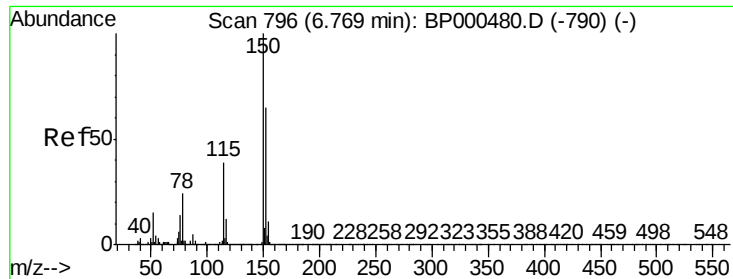
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#1

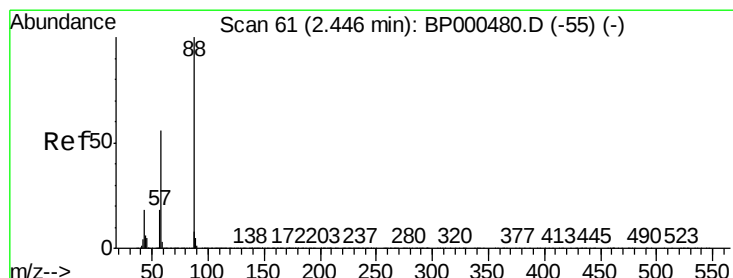
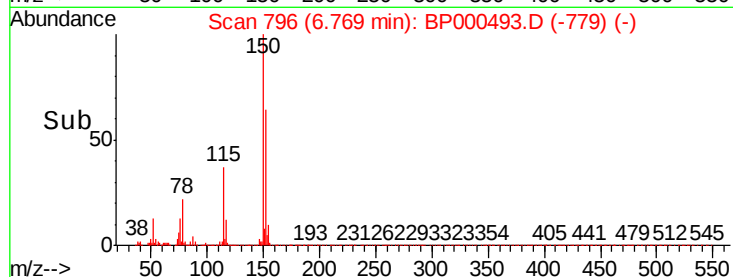
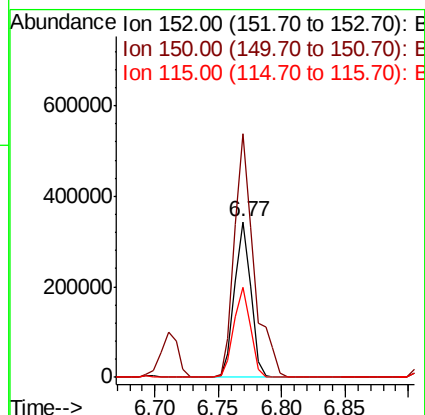
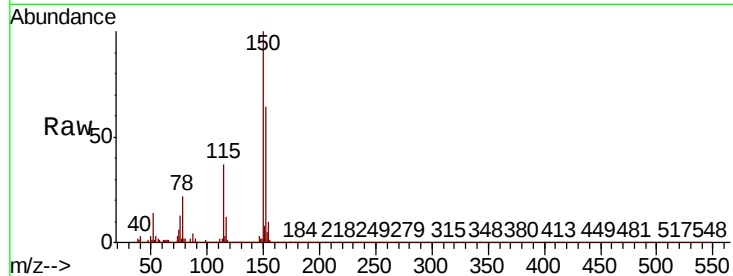
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.1	186.1
115	57.7	48.7	73.1

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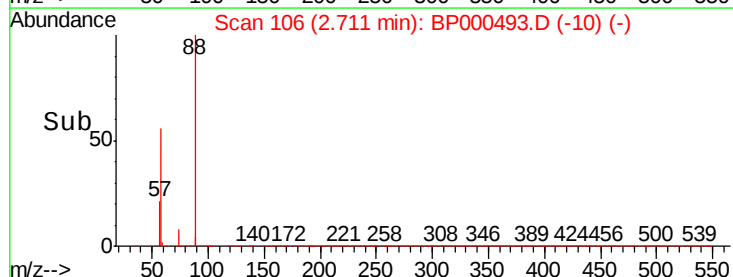
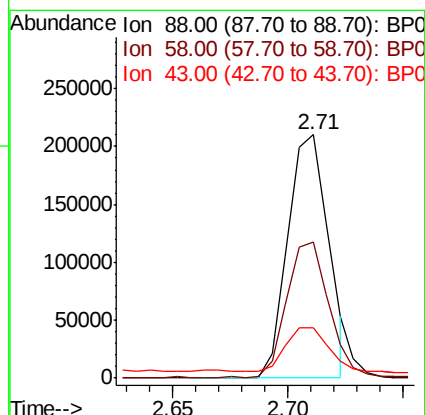
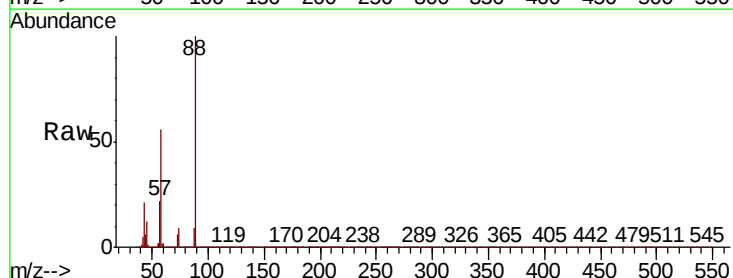
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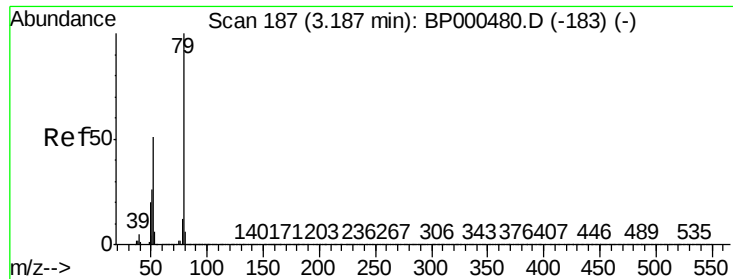


#2

1,4-Dioxane
Concen: 34.091 ng
RT: 2.71 min Scan# 106
Delta R.T. 0.26 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.8	45.3	67.9
43	0.0	14.5	21.7





#3

Pvridine

Concen: 28.425 ng/ml

RT: 3.43 min Scan# 229

Delta R.T. 0.25 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Instrument :

BNA_P

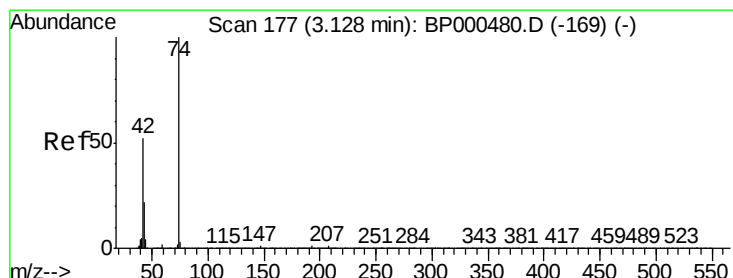
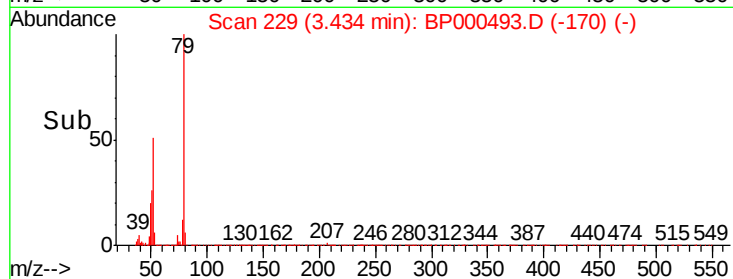
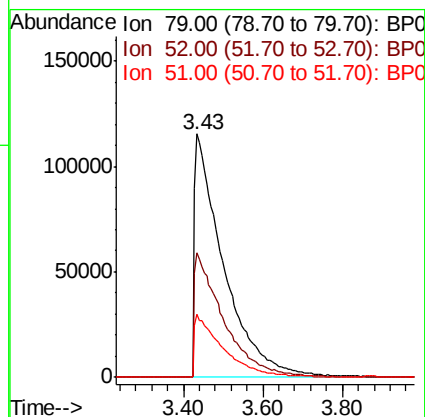
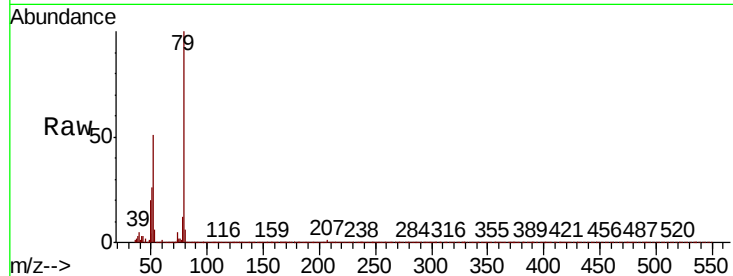
ClientSampleId :

OK-01-093019MS

Tot Ion:	79	Resp:	583231
Ion Ratio	Lower	Upper	
79	100		
52	51.0	40.7	61.1
51	25.7	20.5	30.7

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#4

n-Nitrosodimethylamine

Concen: 42.194 ng/ml

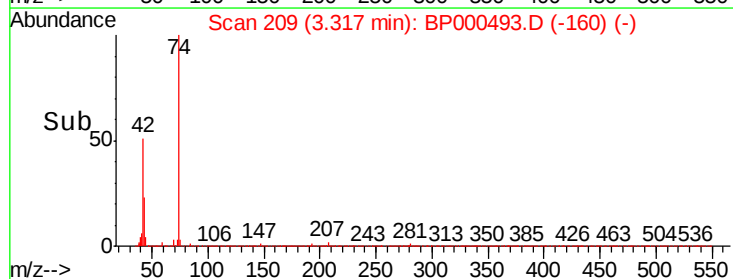
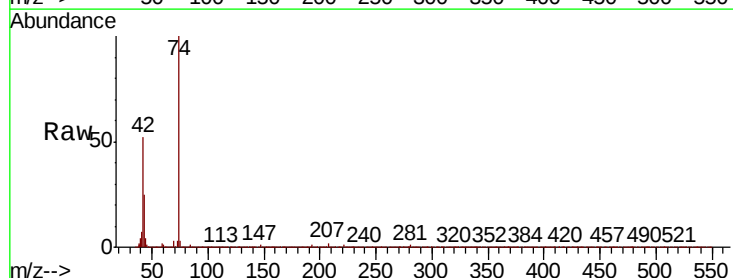
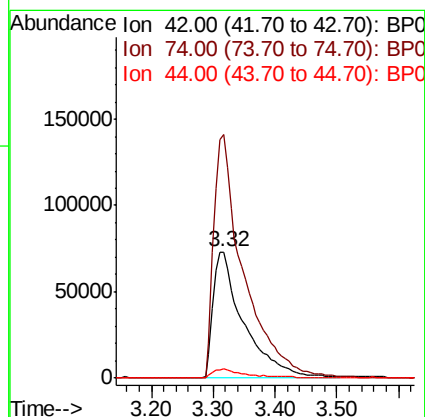
RT: 3.32 min Scan# 209

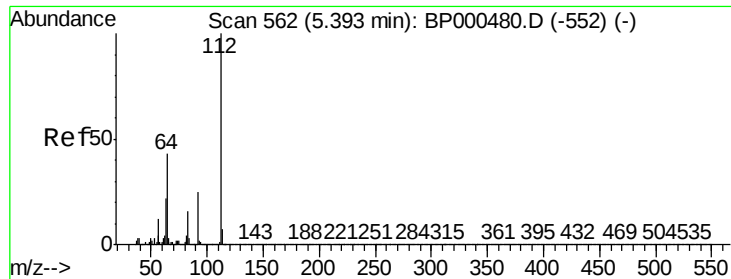
Delta R.T. 0.19 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Tgt Ion:	42	Resp:	243625
Ion Ratio	Lower	Upper	
42	100		
74	192.9	152.4	228.6
44	7.3	5.6	8.4





#5

2-Fluorophenol

Concen: 122.204 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.02 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Instrument :

BNA_P

ClientSampleId :

OK-01-093019MS

Tot Ion: 112 Resp: 2298168

Ion Ratio Lower Upper

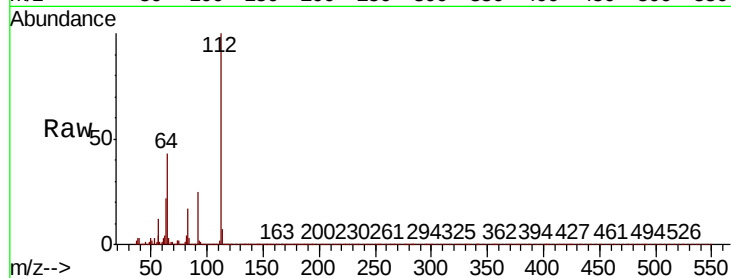
112 100

64 42.9 34.2 51.4

63 22.1 17.9 26.9

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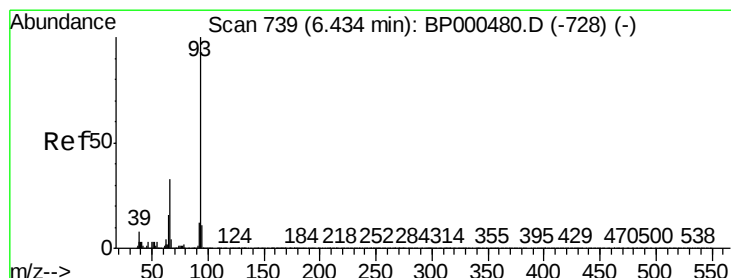
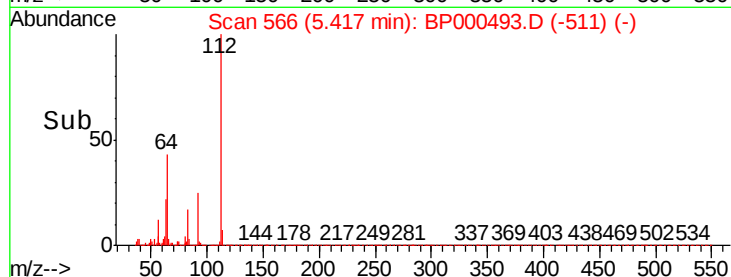
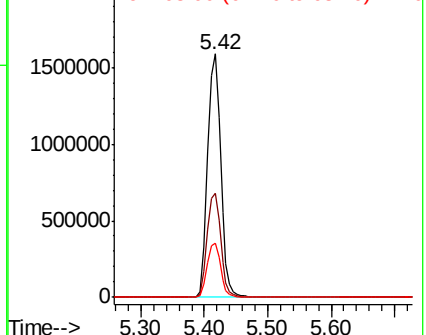
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 12.800 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

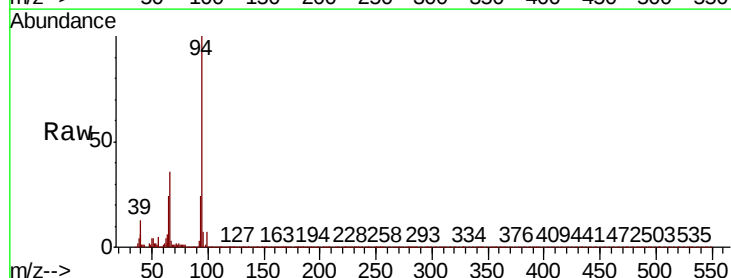
Tgt Ion: 93 Resp: 352405

Ion Ratio Lower Upper

93 100

66 149.9 26.3 39.5#

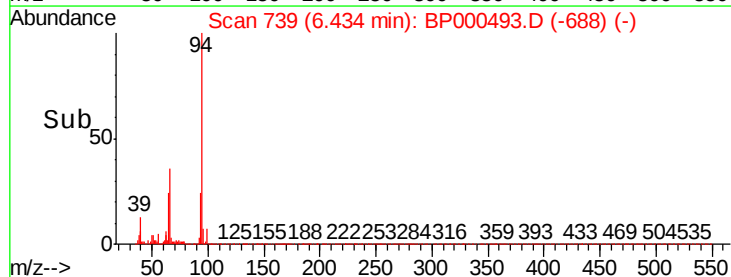
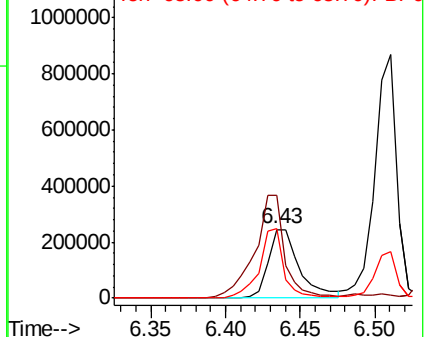
65 101.7 13.2 19.8#

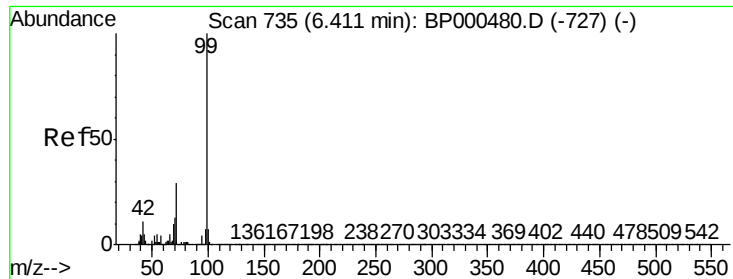


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 120.546 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.01 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Instrument :

BNA_P

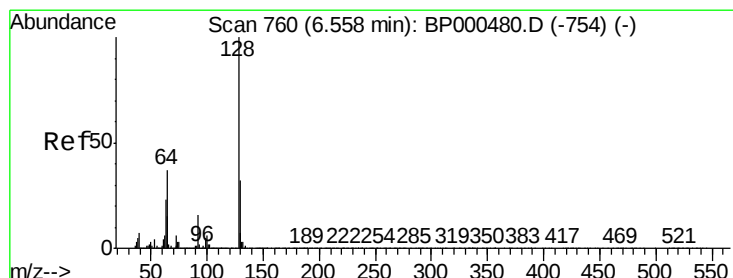
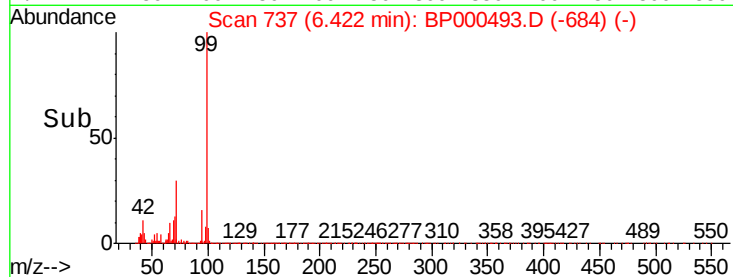
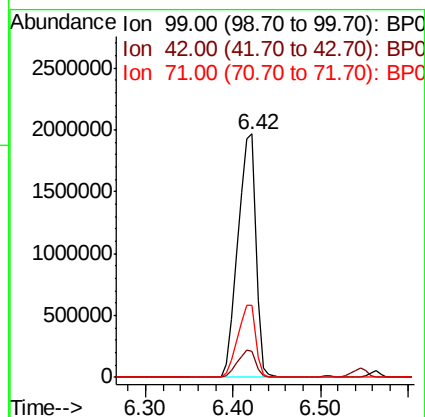
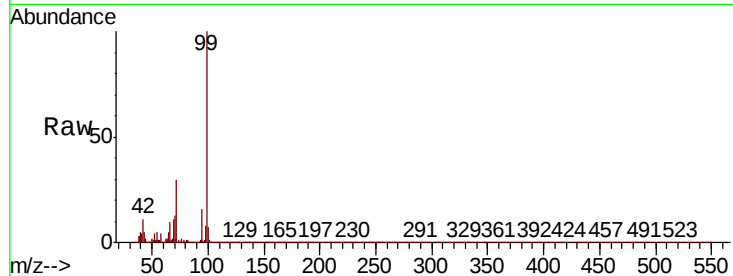
ClientSampleId :

OK-01-093019MS

Tot Ion:	99	Resp:	2731813
Ion	Ratio	Lower	Upper
99	100		
42	10.6	8.6	12.8
71	29.8	23.0	34.4

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#8

2-Chlorophenol

Concen: 45.268 ng

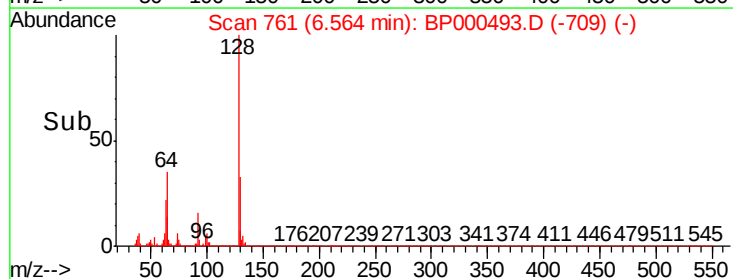
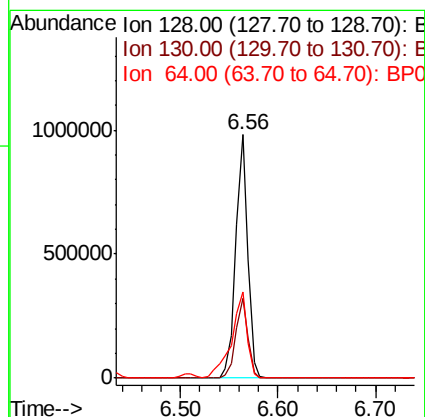
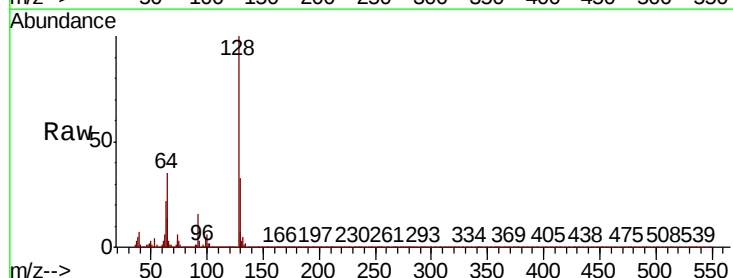
RT: 6.56 min Scan# 761

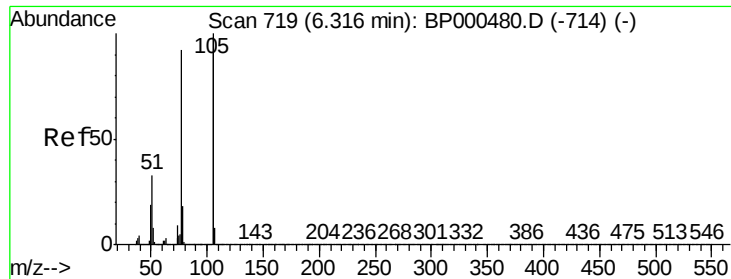
Delta R.T. 0.01 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Tgt Ion:	128	Resp:	840180
Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.2	52.2
64	35.2	17.2	57.2





#9

Benzaldehyde

Concen: 29.084 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.00 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Instrument :

BNA_P

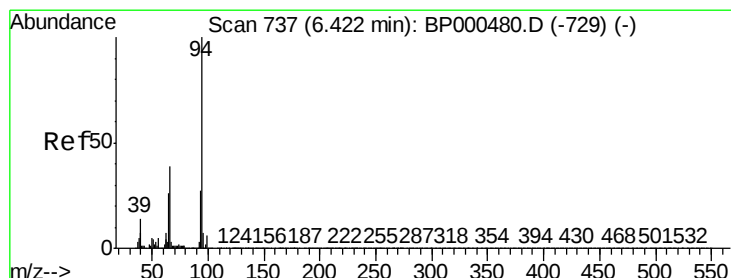
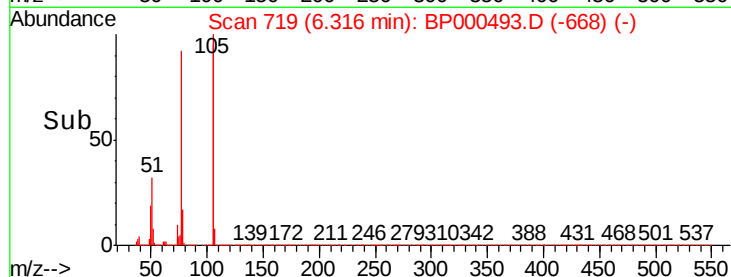
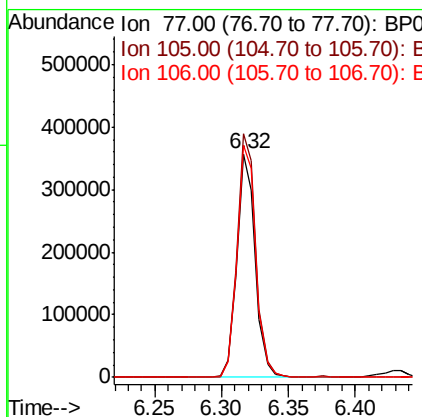
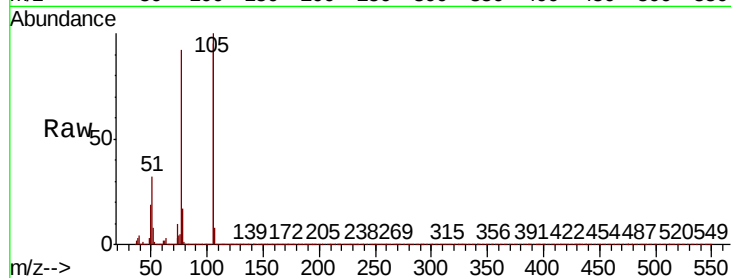
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Tot Ion:	77	Resp:	343316
Ion Ratio	Lower	Upper	
77	100		
105	109.0	88.3	128.3
106	103.8	85.7	125.7

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#10

Phenol

Concen: 42.225 ng

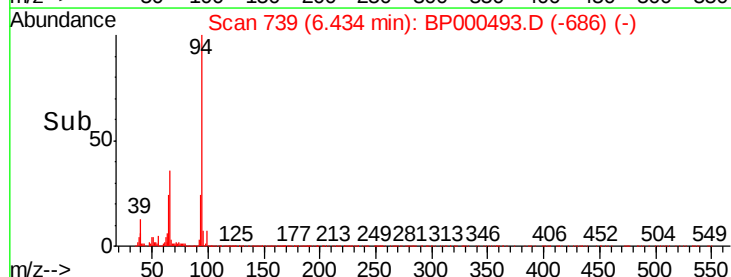
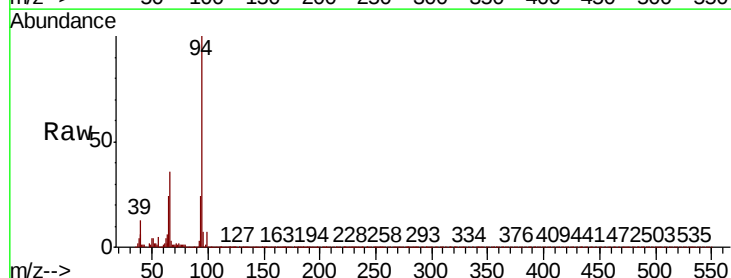
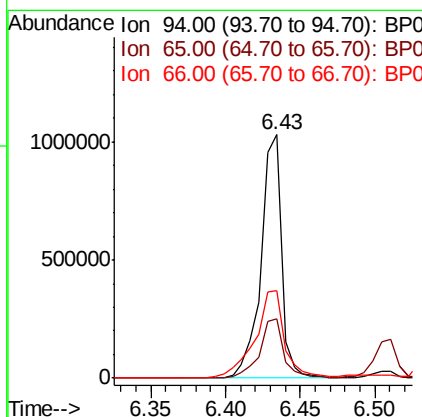
RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Tgt Ion:	94	Resp:	979733
Ion Ratio	Lower	Upper	
94	100		
65	24.2	5.9	45.9
66	35.7	18.8	58.8





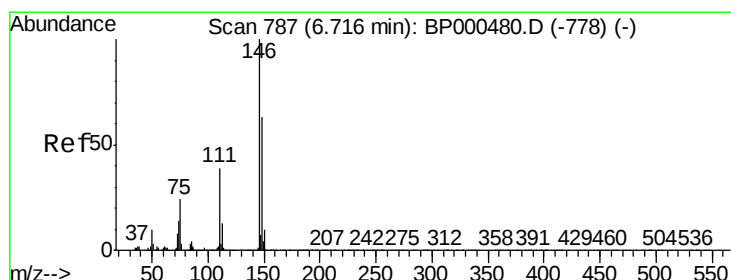
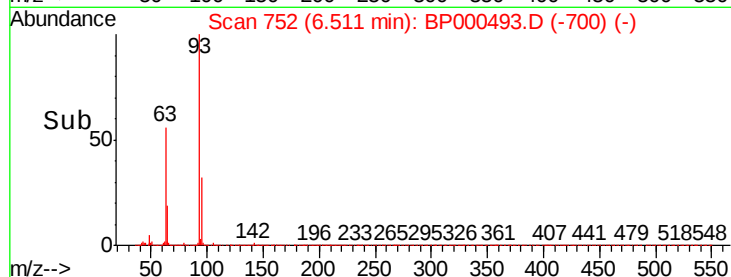
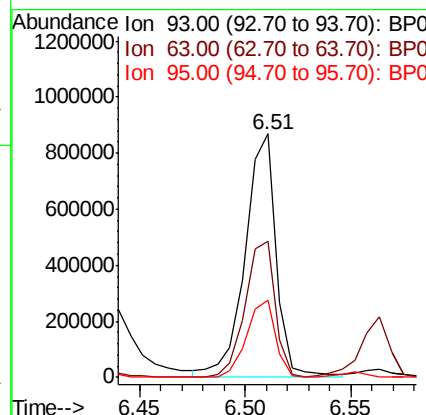
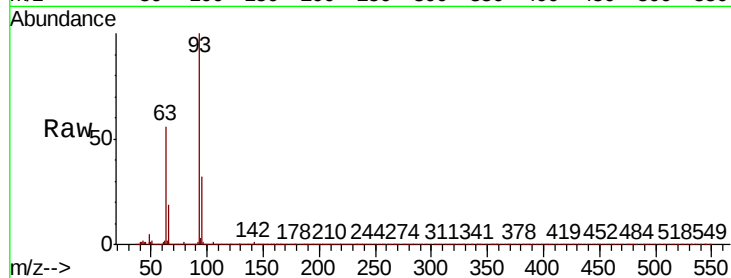
#11
bis(2-Chloroethyl)ether
Concen: 49.995 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		892480		
63	56.0	41.1	81.1		
95	31.6	12.2	52.2		

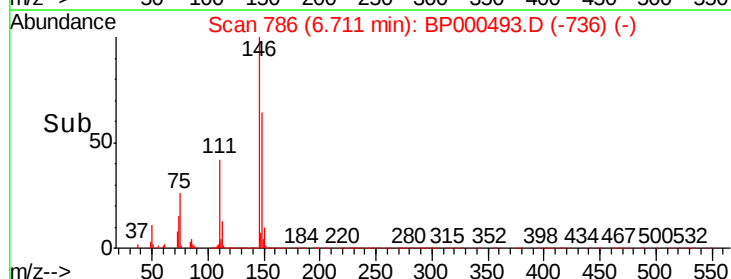
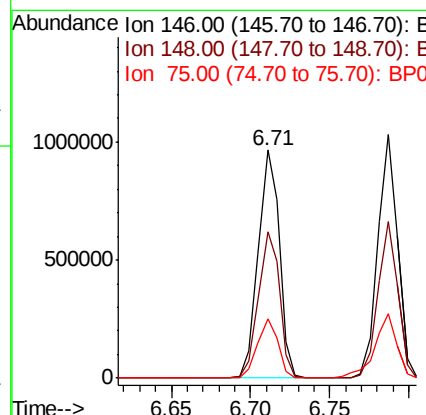
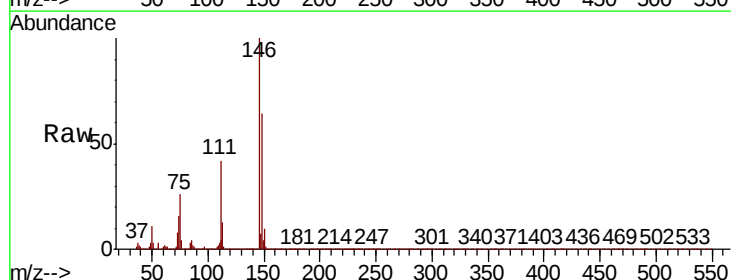
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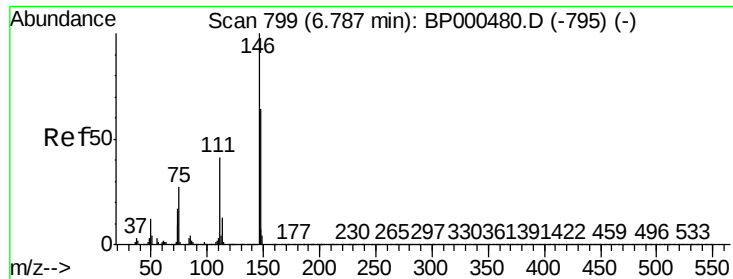
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#12
1,3-Dichlorobenzene
Concen: 39.783 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		895061		
148	63.9	50.7	76.1		
75	26.2	19.1	28.7		





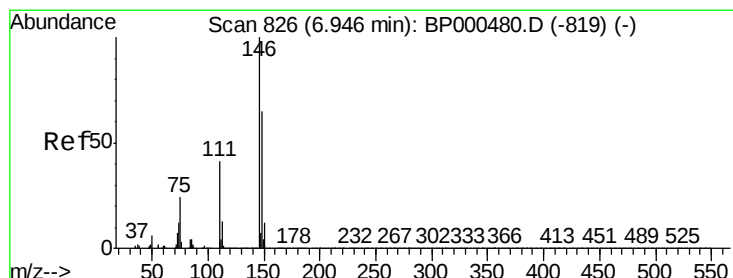
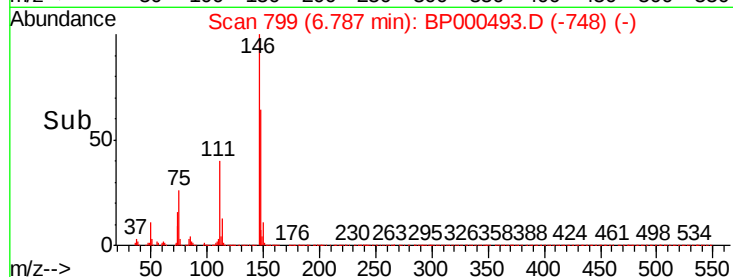
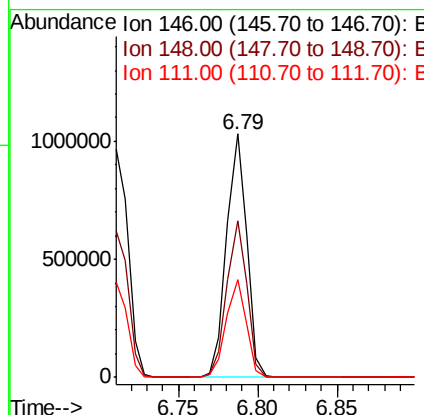
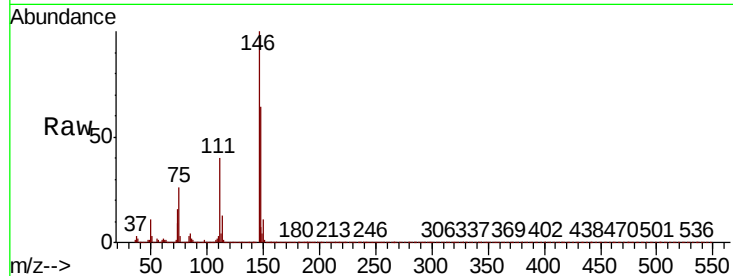
#13
1,4-Dichlorobenzene
Concen: 40.219 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	40.0	33.0	49.4

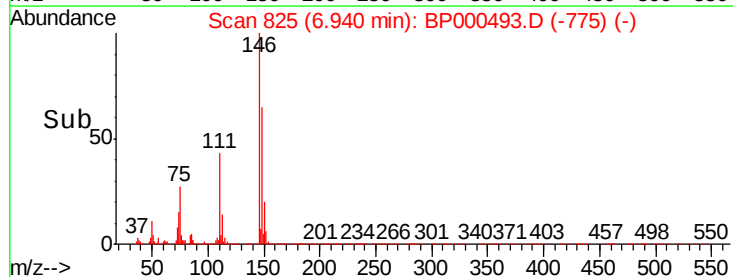
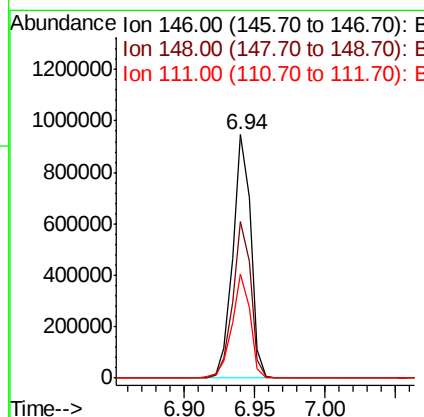
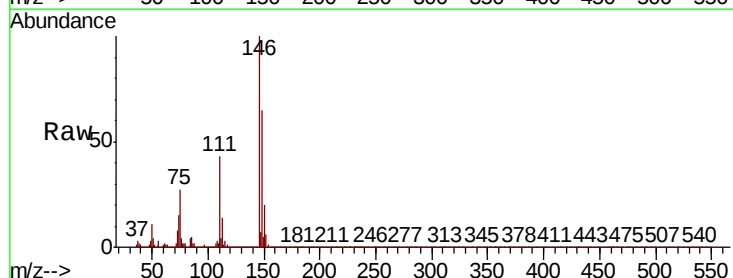
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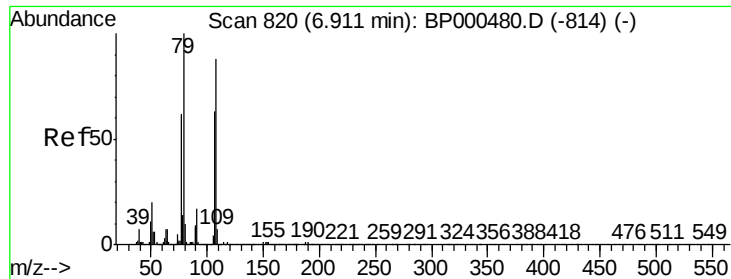
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#14
1,2-Dichlorobenzene
Concen: 39.859 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.6
111	42.5	32.8	49.2





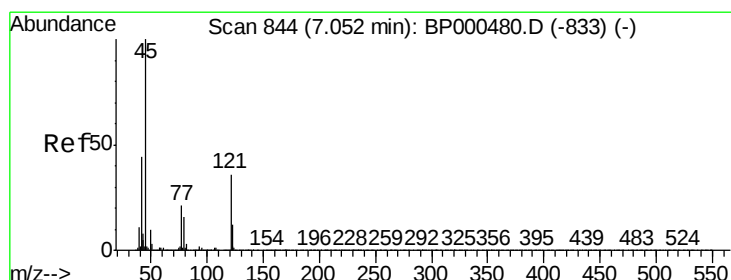
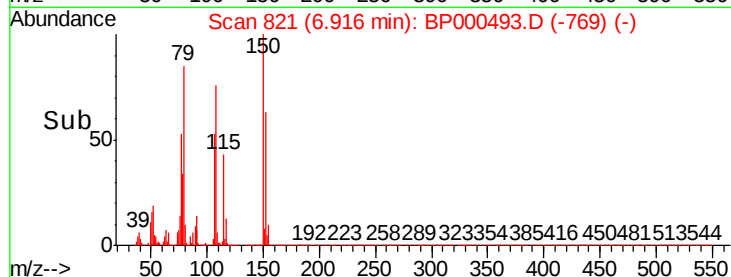
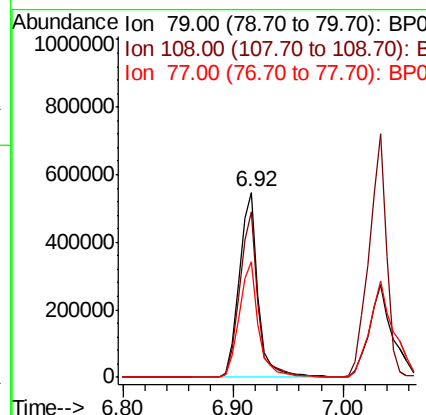
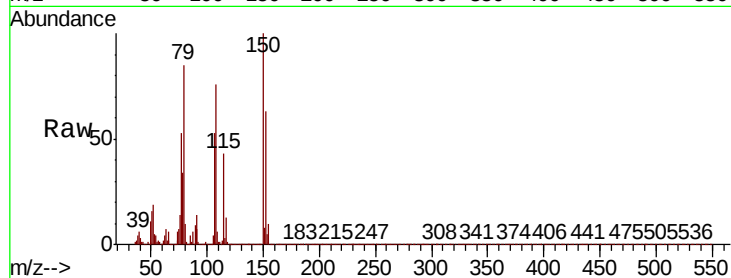
#15
Benzyl Alcohol
Concen: 44.690 ng
RT: 6.92 min Scan# 821
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	89.6	70.8	106.2
77	62.4	50.0	75.0

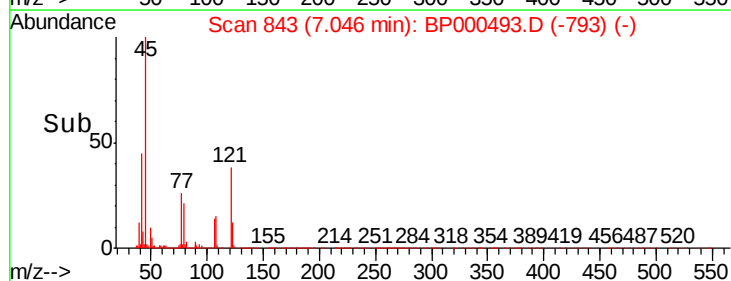
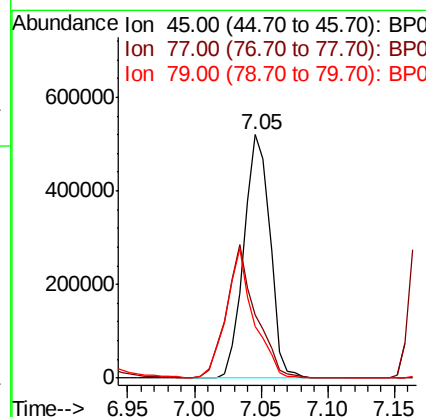
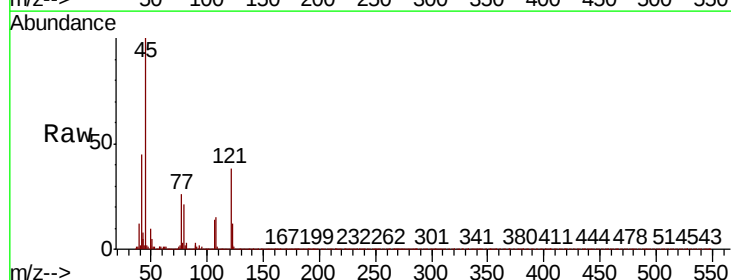
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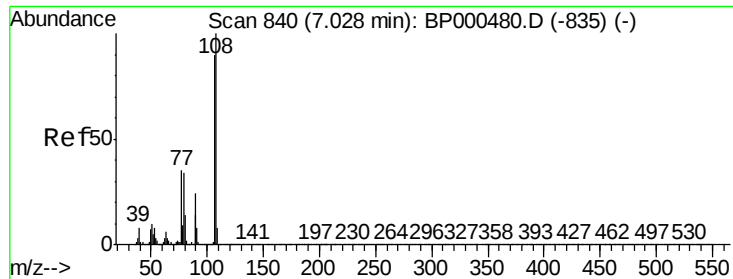
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.381 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.9	1.1	41.1
79	21.1	0.0	36.8





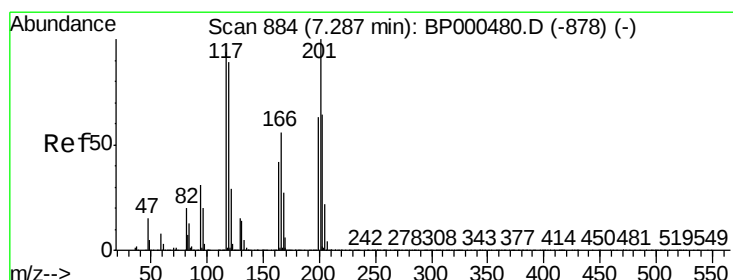
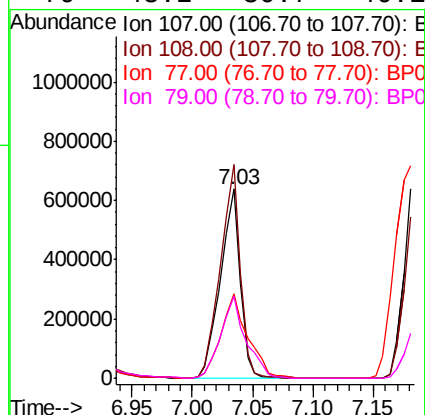
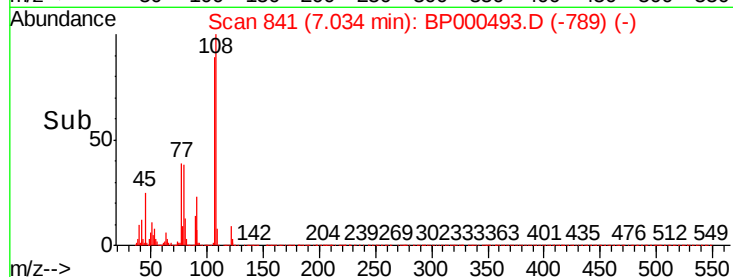
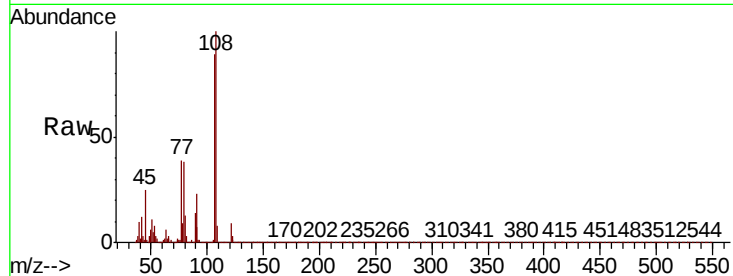
#17
2-Methylphenol
Concen: 47.283 ng
RT: 7.03 min Scan# 841
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	89.0	133.4	
77	44.6	31.2	46.8	
79	43.2	30.7	46.1	

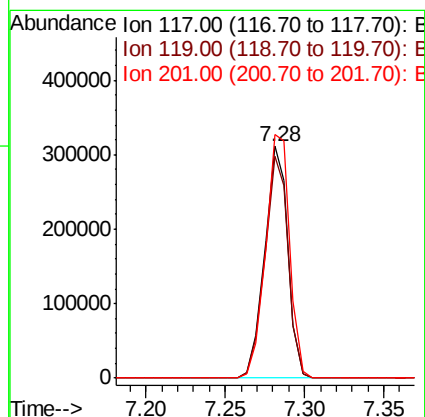
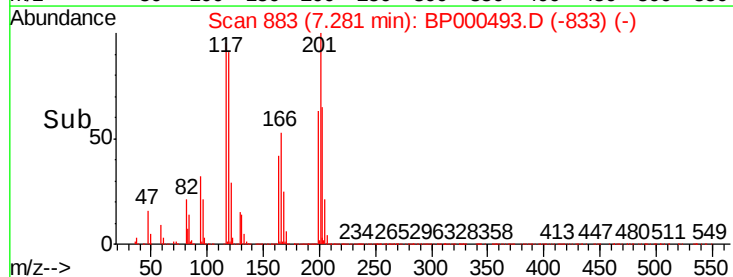
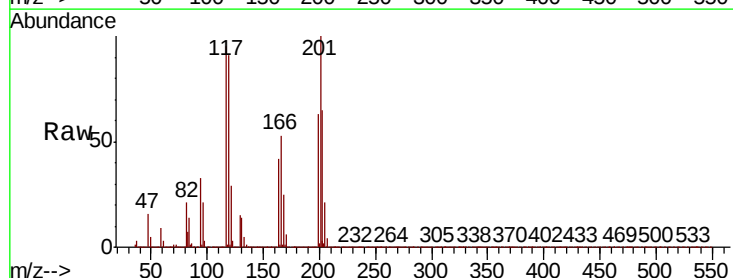
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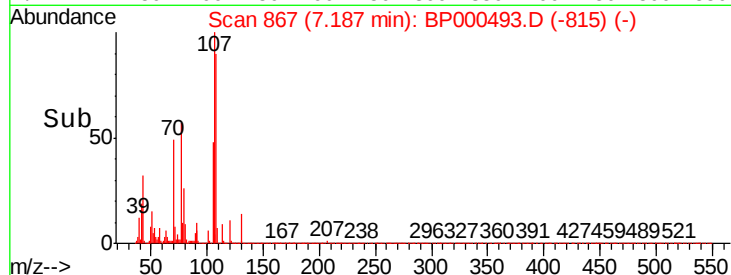
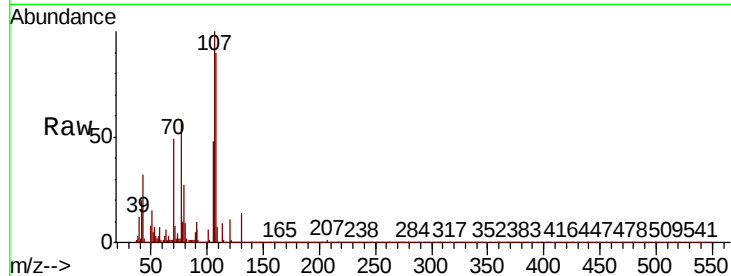
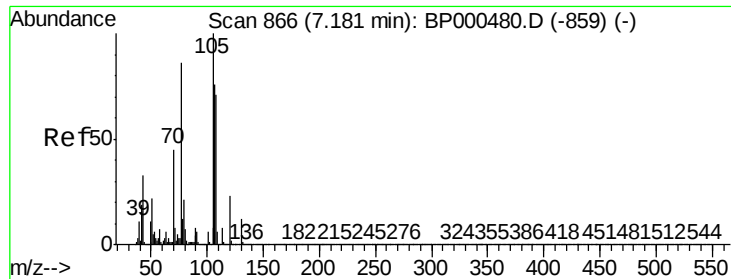
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#18
Hexachloroethane
Concen: 39.651 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	76.3	114.5	
201	105.1	85.4	128.0	





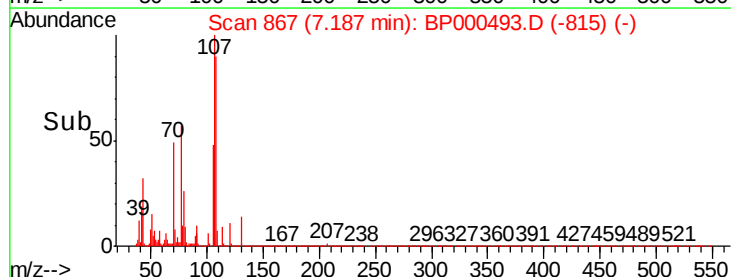
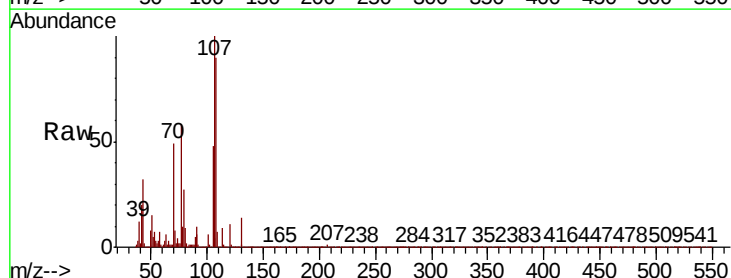
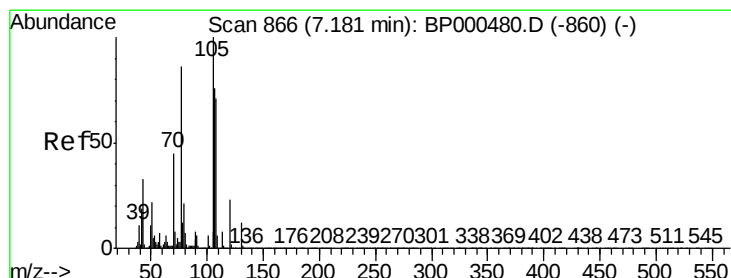
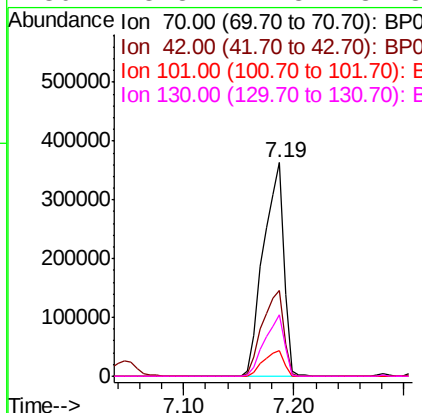
#19
n-Nitroso-di-n-propylamine
Concen: 45.456 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.0	33.2	49.8		
101	12.1	9.9	14.9		
130	28.8	21.8	32.8		

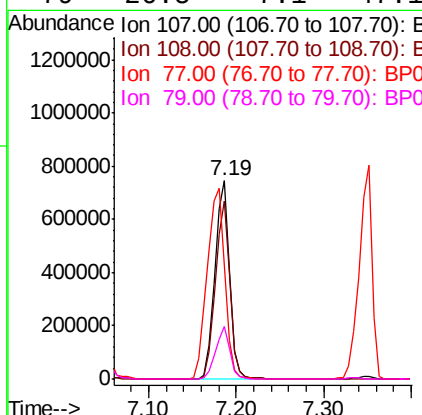
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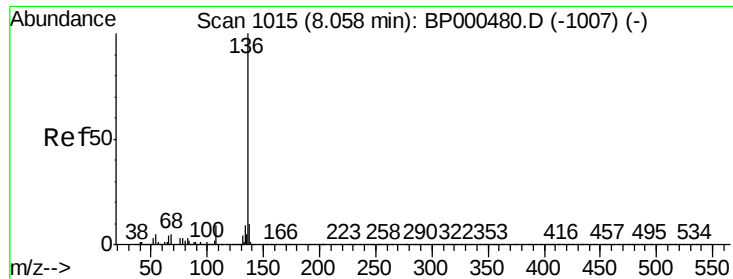
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#20
3+4-Methylphenols
Concen: 48.032 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.0	72.6	112.6		
77	57.5	93.3	133.3		
79	26.5	7.1	47.1		





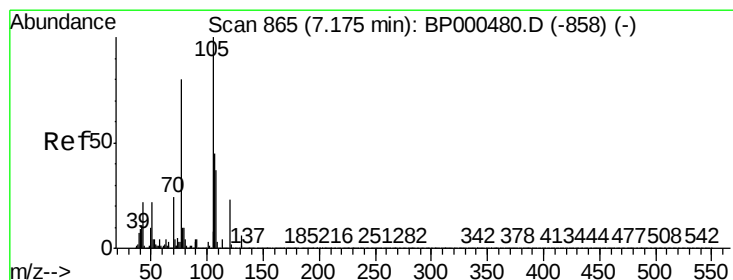
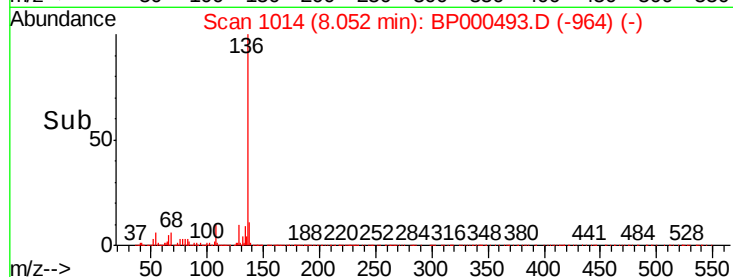
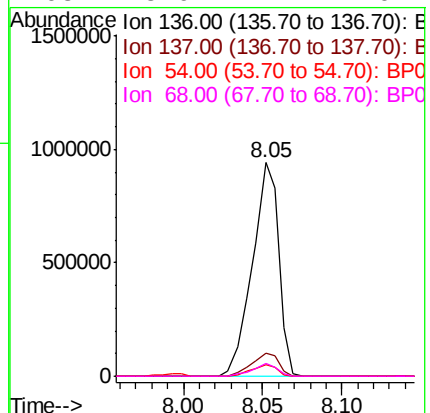
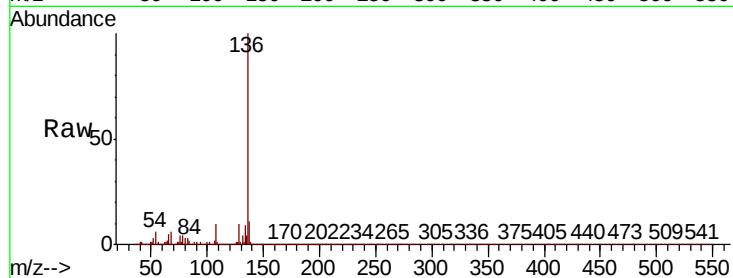
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.7	4.1	6.1
68	5.9	4.1	6.1

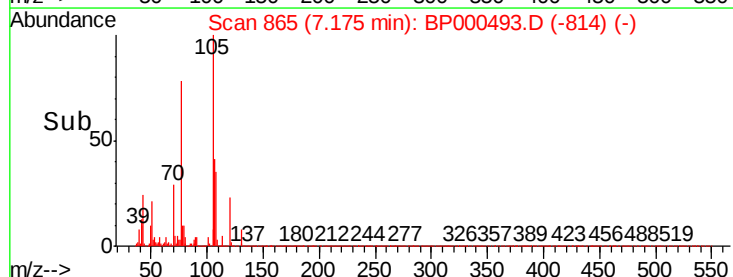
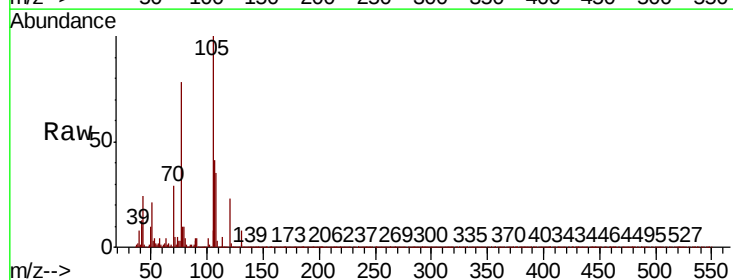
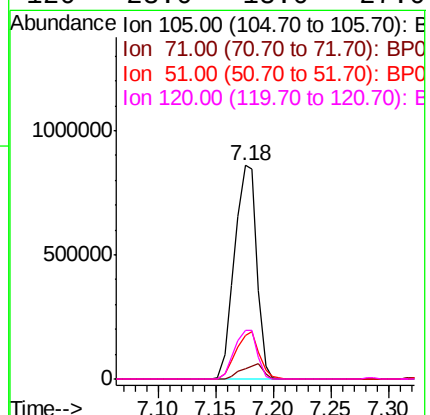
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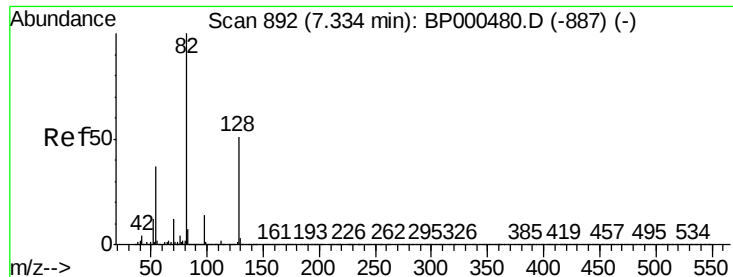
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#22
Acetophenone
Concen: 45.854 ng
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.3	4.9#
51	20.7	17.4	26.2
120	23.0	18.0	27.0





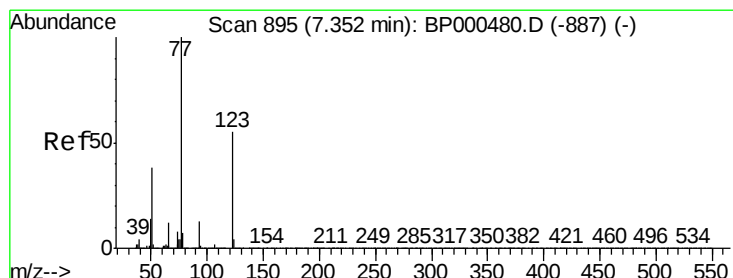
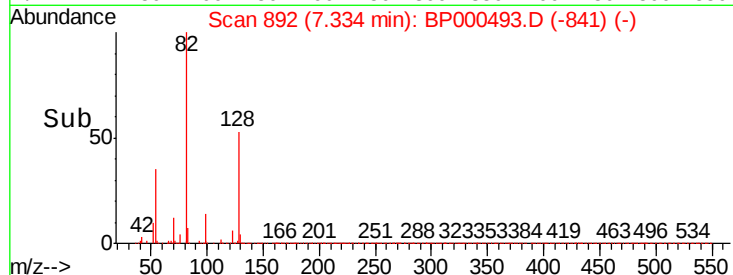
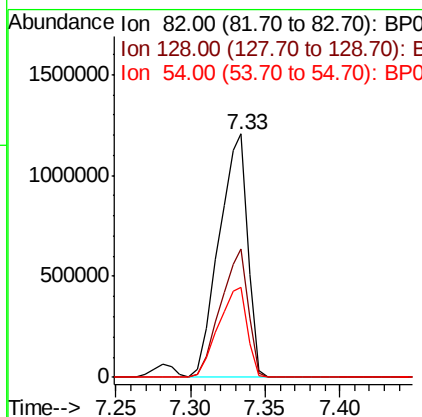
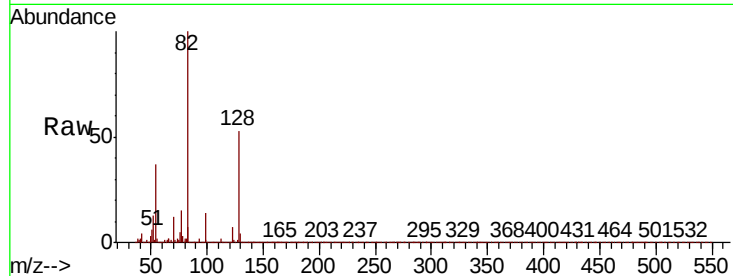
#23
Nitrobenzene-d5
Concen: 90.828 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.7	40.9	61.3
54	36.9	29.4	44.2

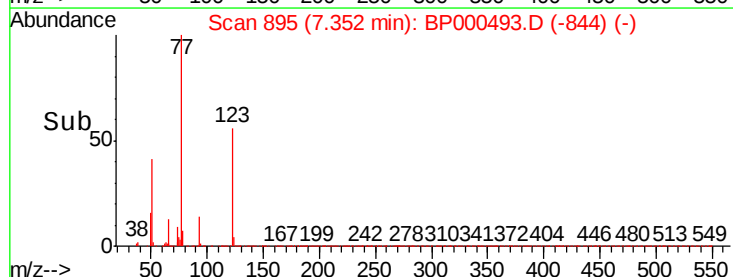
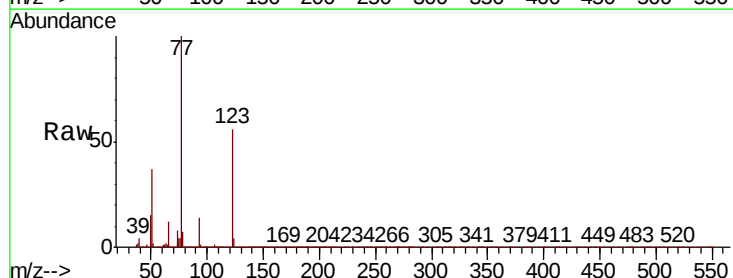
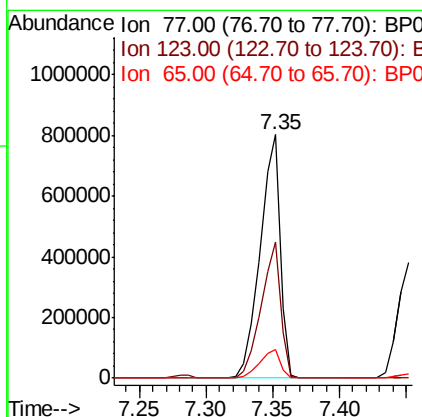
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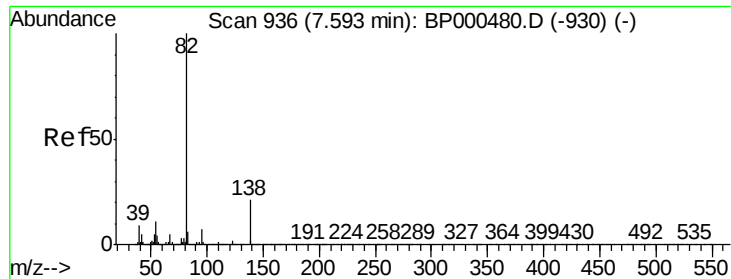
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#24
Nitrobenzene
Concen: 48.163 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.8	44.1	66.1
65	11.8	9.7	14.5





#25

Isophorone

Concen: 49.358 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.00 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Instrument :

BNA_P

ClientSampleId :

OK-01-093019MS

Tot Ion: 82 Resp: 1561770

Ion Ratio Lower Upper

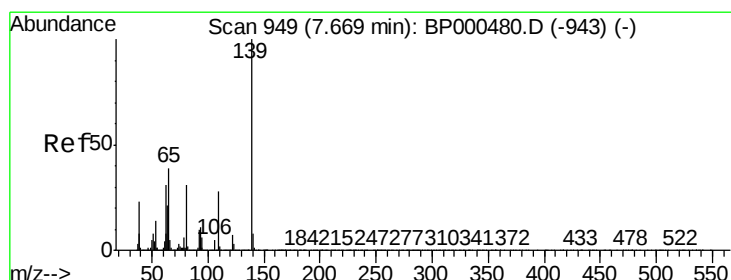
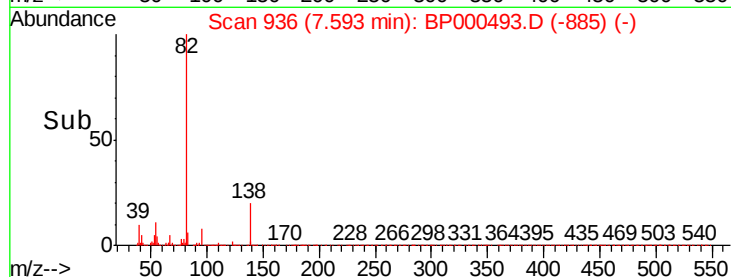
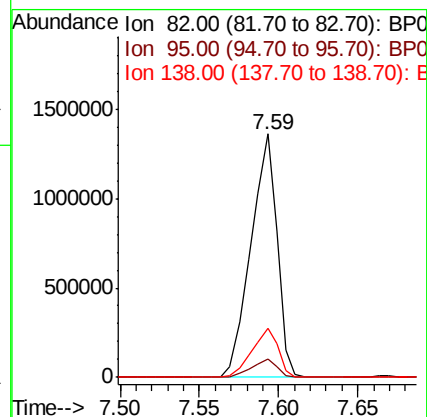
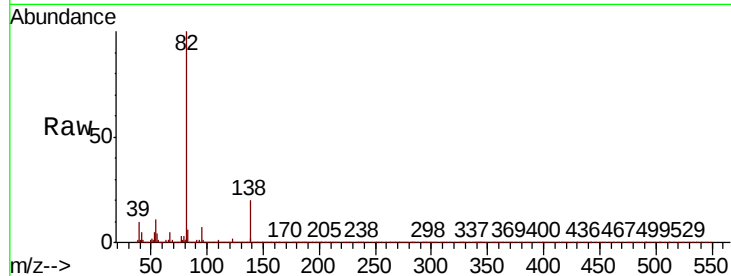
82 100

95 7.5 5.8 8.6

138 20.1 17.0 25.4

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#26

2-Nitrophenol

Concen: 52.359 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

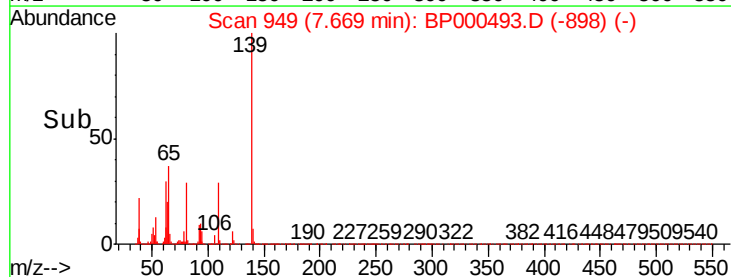
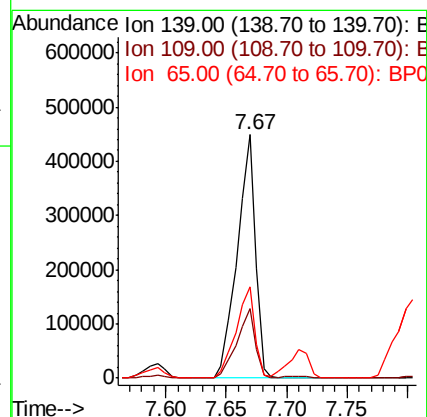
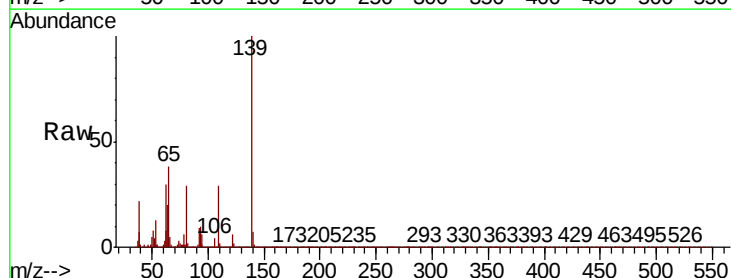
Tgt Ion: 139 Resp: 473452

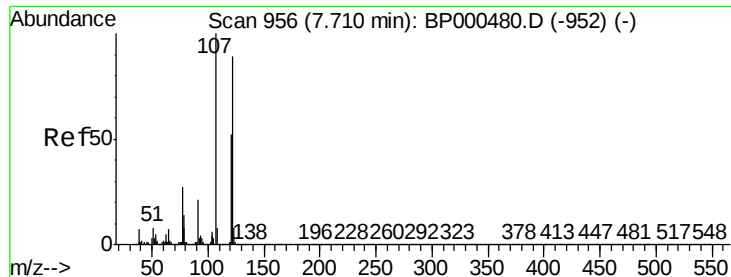
Ion Ratio Lower Upper

139 100

109 28.5 22.8 34.2

65 37.5 31.5 47.3





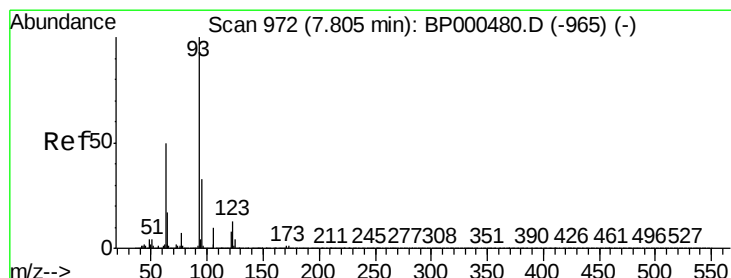
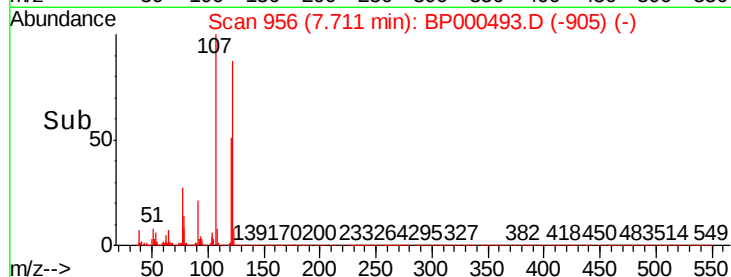
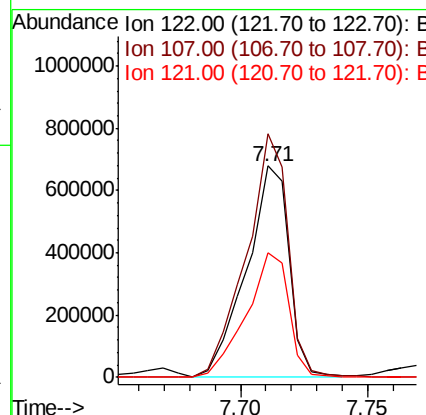
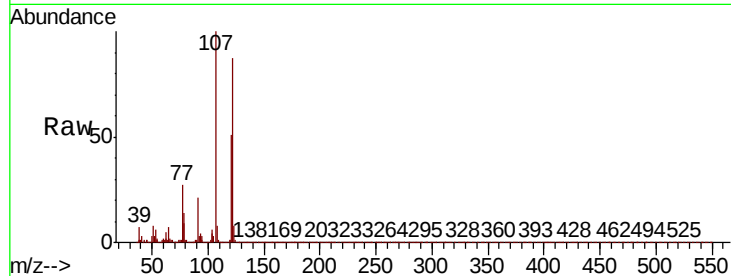
#27
2,4-Dimethylphenol
Concen: 57.428 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	796004		
107	115.3	89.9	134.9	
121	59.2	46.6	70.0	

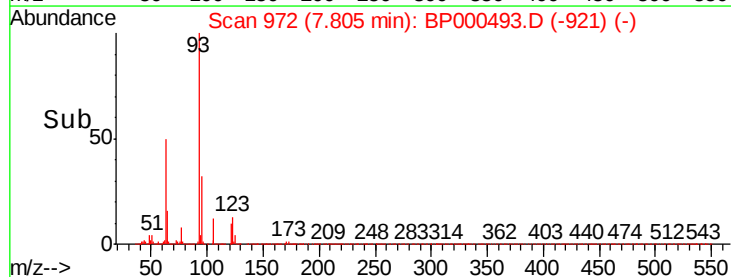
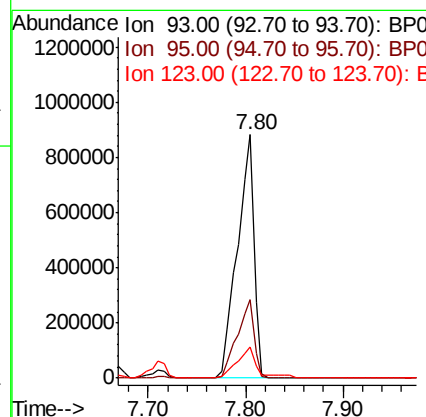
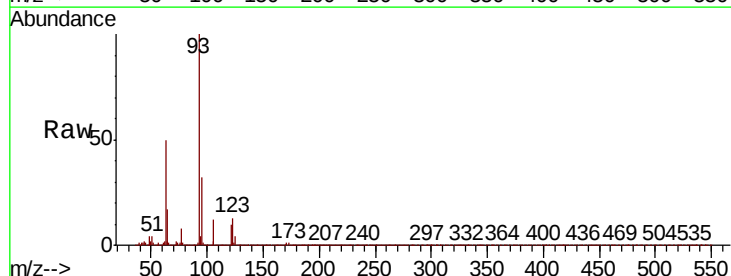
Manual Integrations
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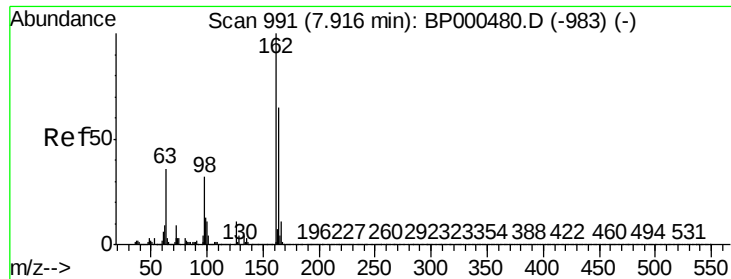
mohammad
10/7/2019 8:28:19 AM



#28
bis(2-Chloroethoxy)methane
Concen: 48.737 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1047993		
95	32.5	26.2	39.2	
123	13.0	10.2	15.2	





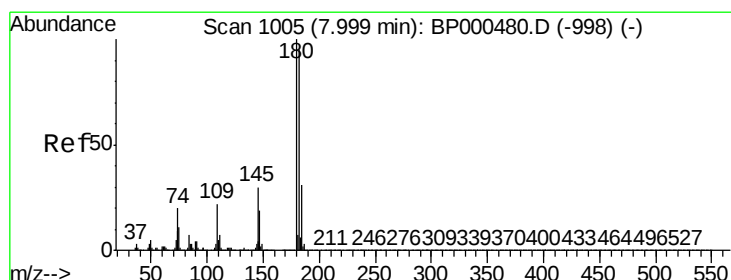
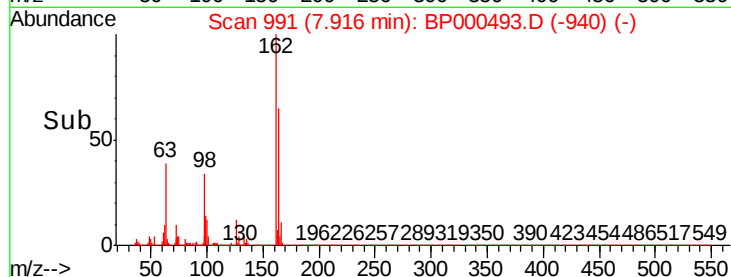
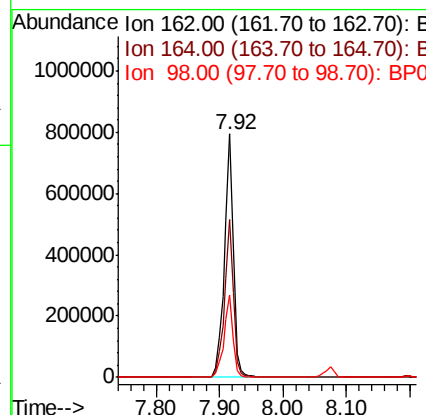
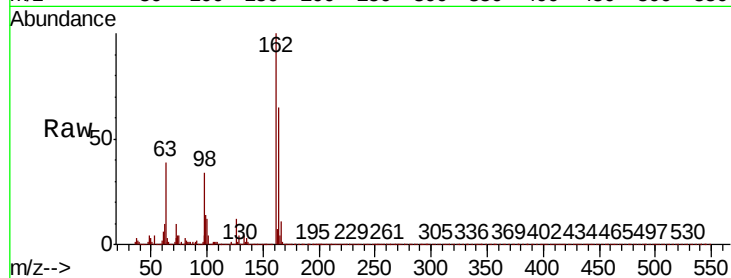
#29
2,4-Dichlorophenol
Concen: 51.676 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	44.6	84.6
98	34.1	11.6	51.6

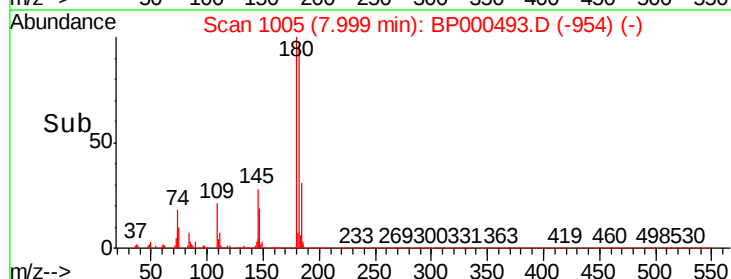
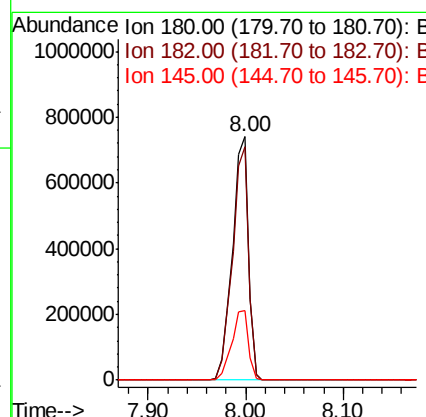
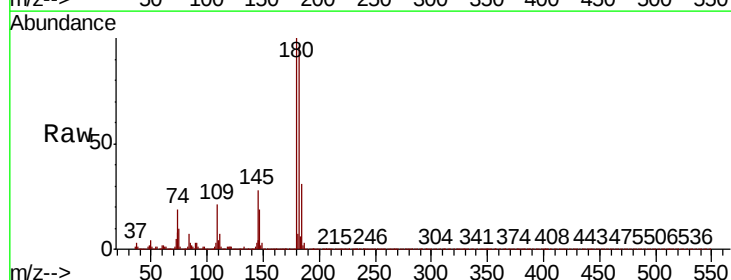
Manual Integrations
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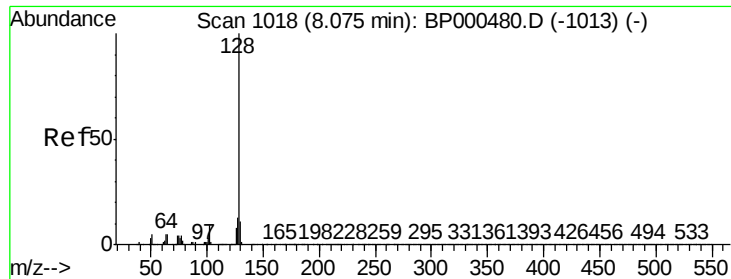
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 45.972 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	76.2	114.4
145	28.4	23.6	35.4





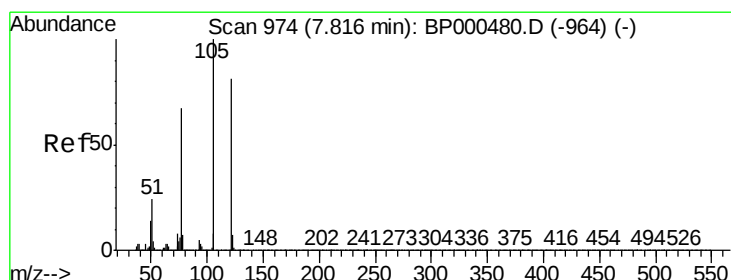
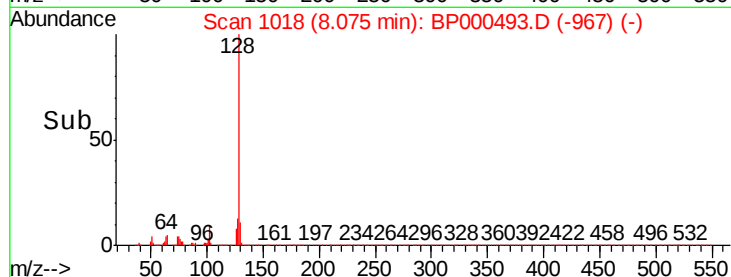
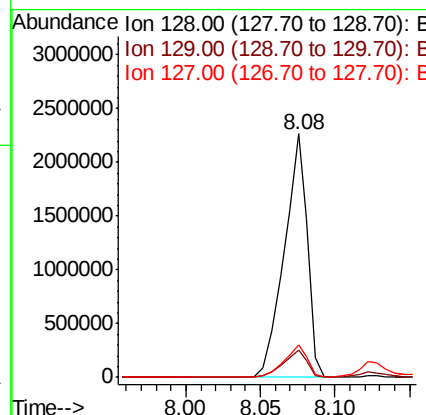
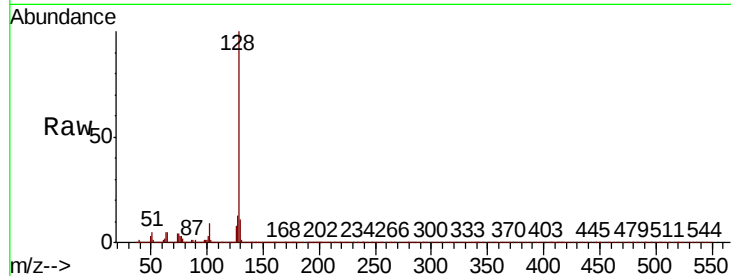
#31
Naphthalene
Concen: 48.413 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.5	10.5	15.7

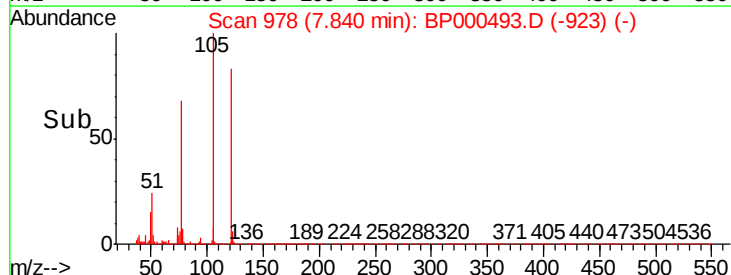
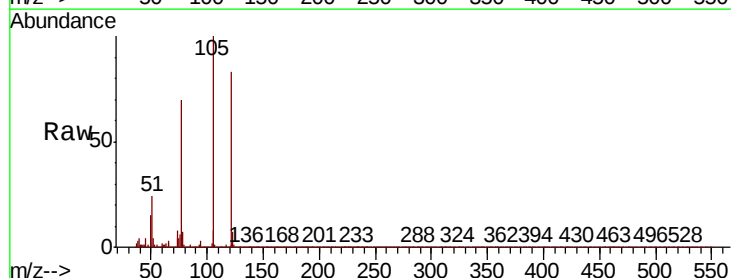
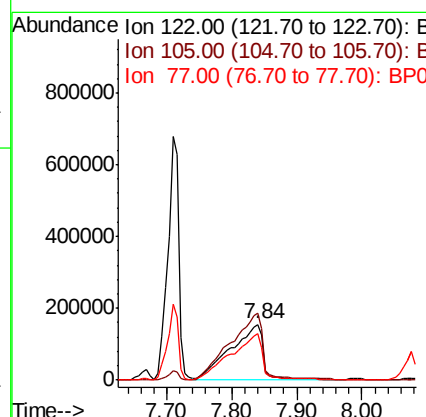
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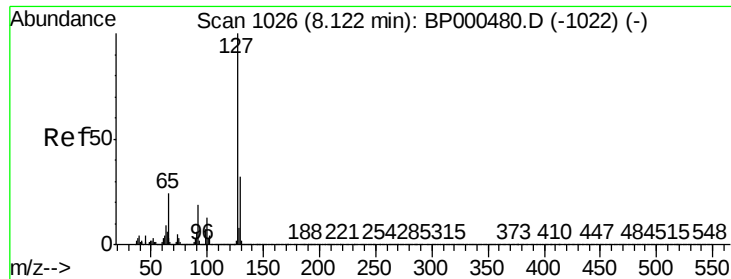
mohammad
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#32
Benzoic acid
Concen: 61.272 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.02 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	101.4	141.4
77	84.1	62.1	102.1





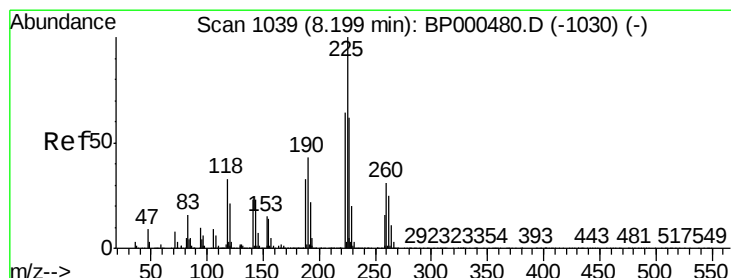
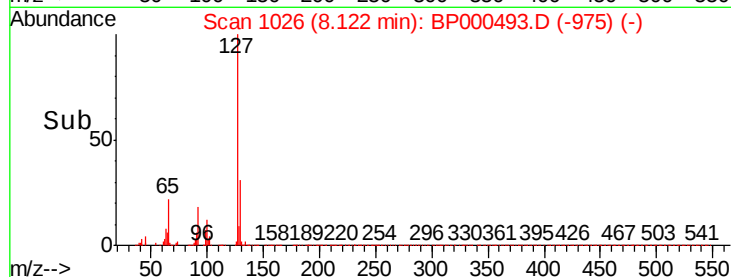
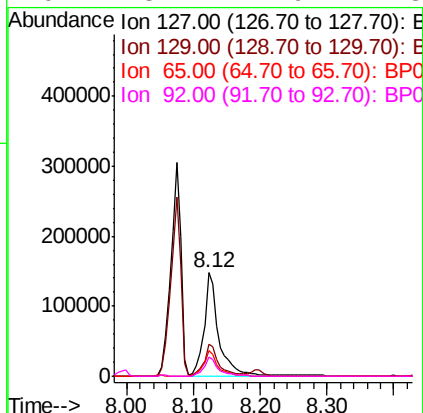
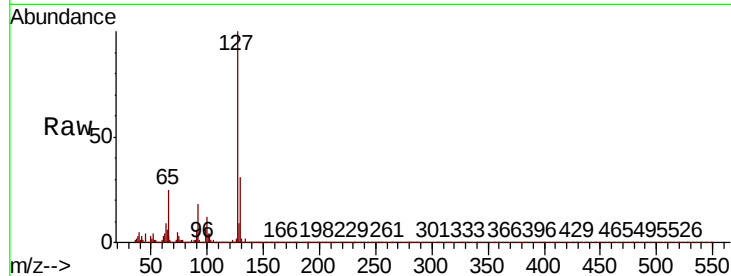
#33
4-Chloroaniline
Concen: 10.096 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.0	25.6	38.4	
65	25.0	19.2	28.8	
92	18.4	14.9	22.3	

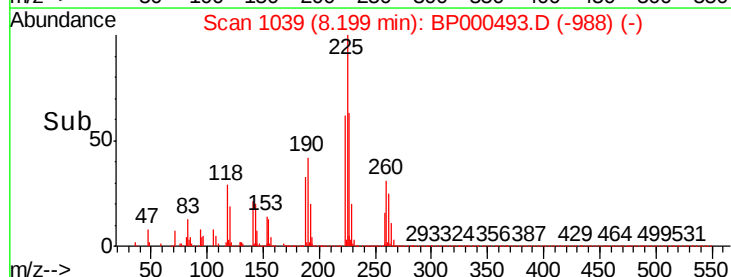
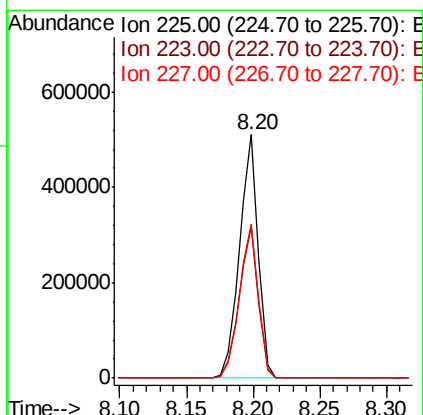
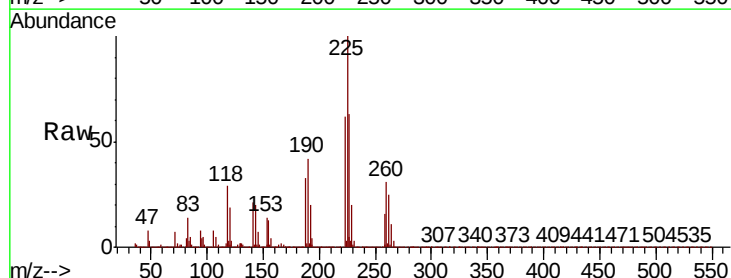
Manual Integrations
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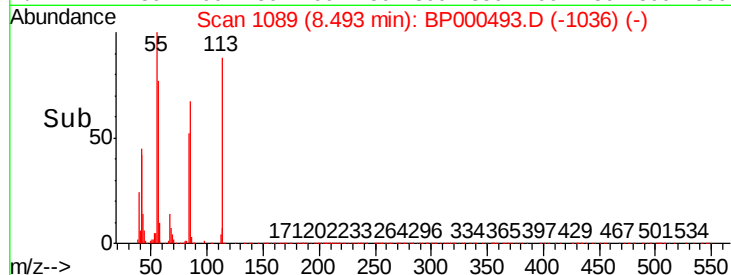
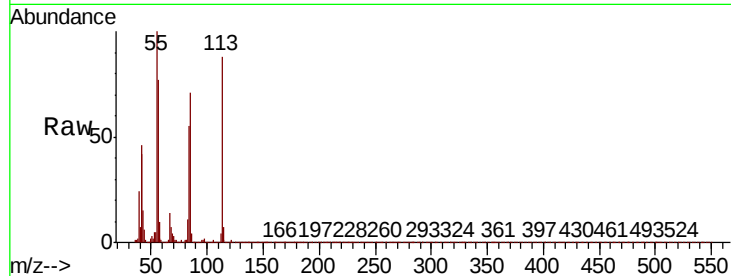
mohammad
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#34
Hexachlorobutadiene
Concen: 44.609 ng
RT: 8.20 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.0	51.4	77.0	
227	63.1	49.7	74.5	





#35

Caprolactam

Concen: 47.079 ng/ml

RT: 8.49 min Scan# 1089

Delta R.T. 0.01 min

Lab File: BP000493.D

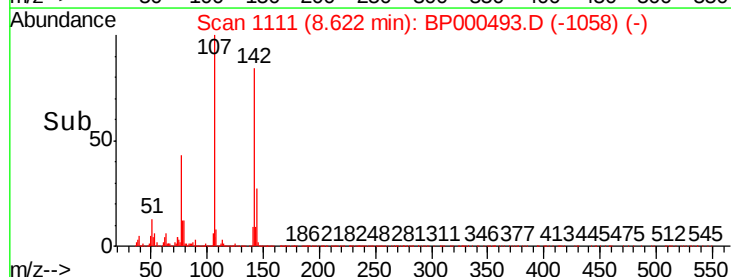
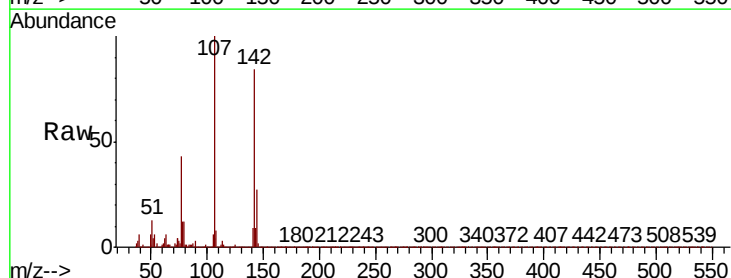
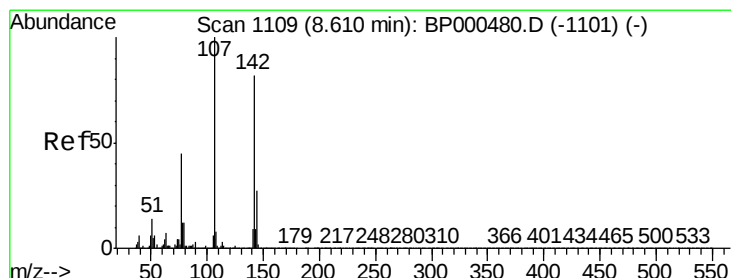
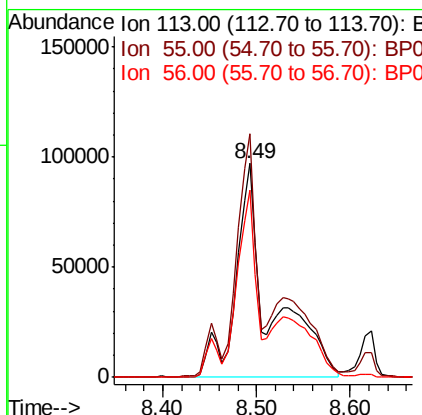
Acq: 03 Oct 2019 14:20

Tot Ion:	113	Resp:	247133
Ion Ratio	Lower	Upper	
113	100		
55	113.9	95.9	135.9
56	87.5	67.2	107.2

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

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#36

4-Chloro-3-methylphenol

Concen: 52.291 ng/ml

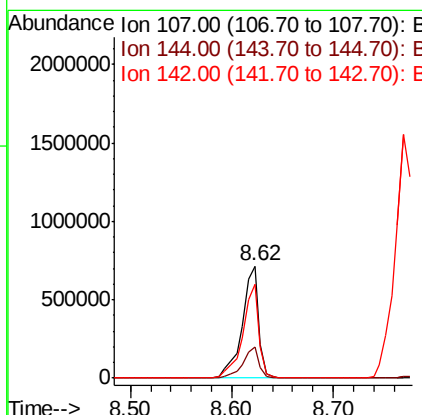
RT: 8.62 min Scan# 1111

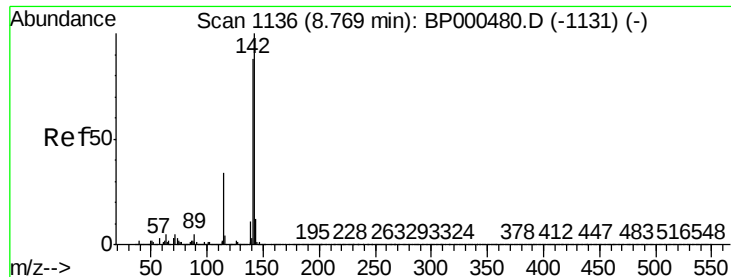
Delta R.T. 0.01 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Tgt Ion:	107	Resp:	802670
Ion Ratio	Lower	Upper	
107	100		
144	27.4	21.8	32.8
142	83.9	65.5	98.3





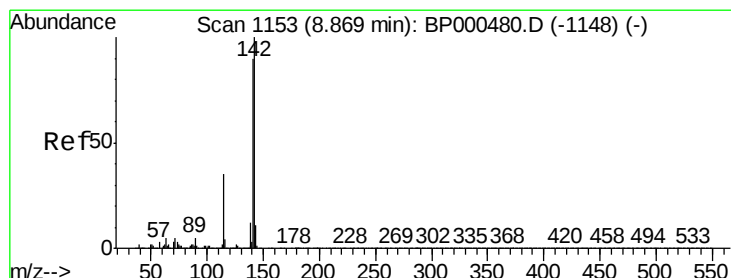
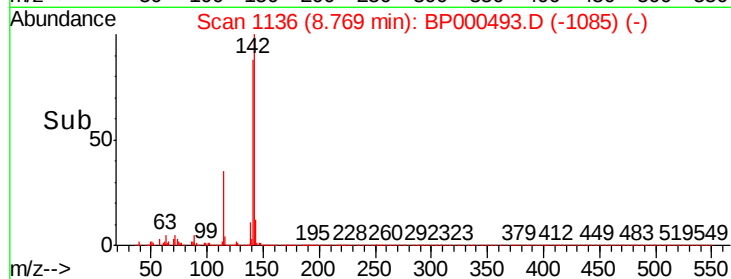
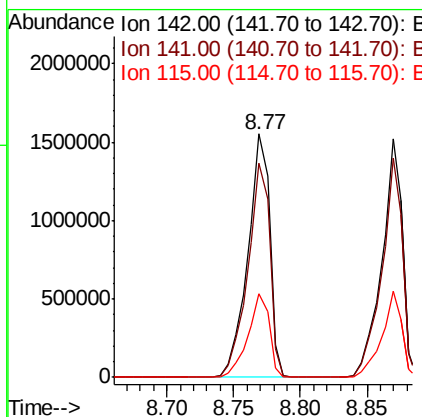
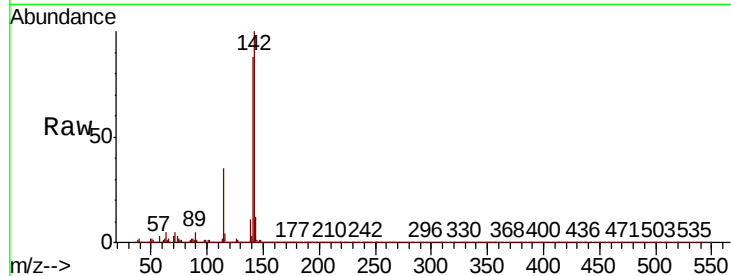
#37
2-Methylnaphthalene
Concen: 50.905 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	106.0
115	34.6	27.4	41.0

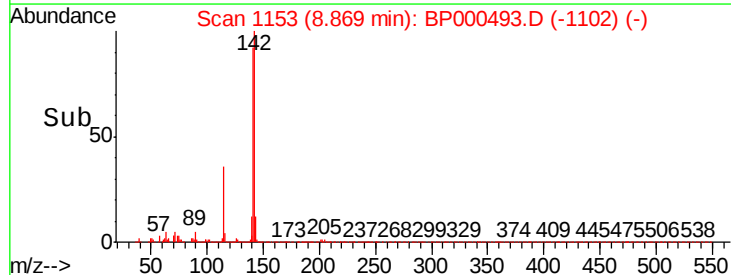
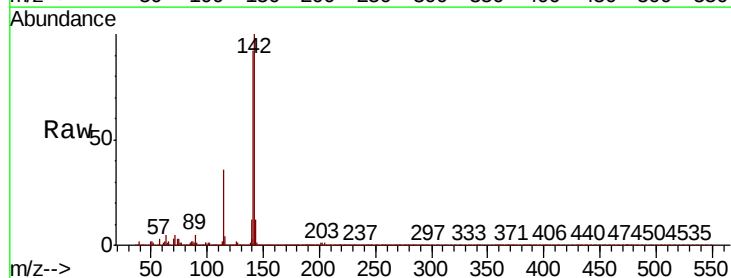
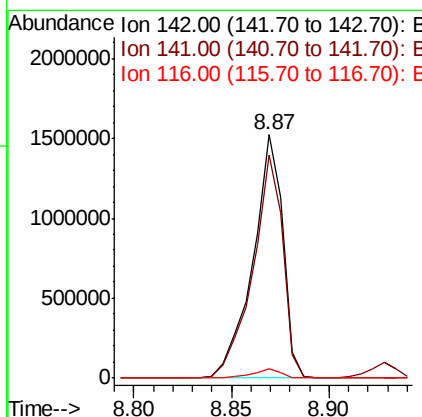
Manual Integrations
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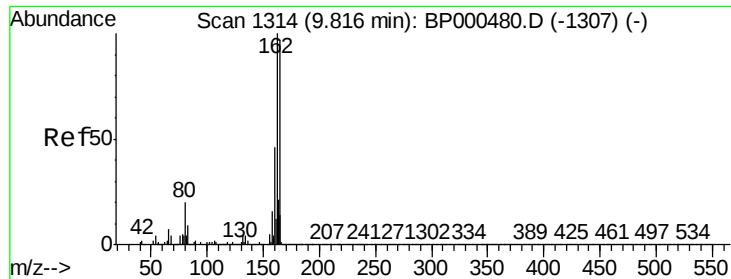
mohammad
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#38
1-Methylnaphthalene
Concen: 50.185 ng
RT: 8.87 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.9	107.9
116	3.8	3.0	4.4





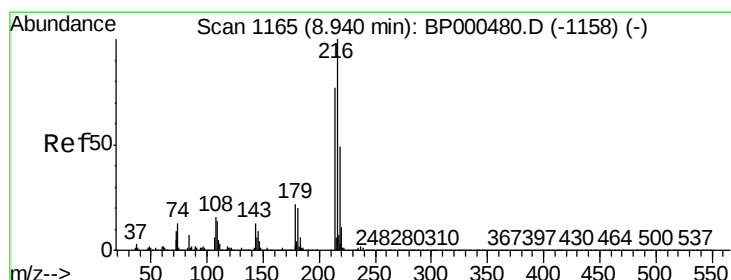
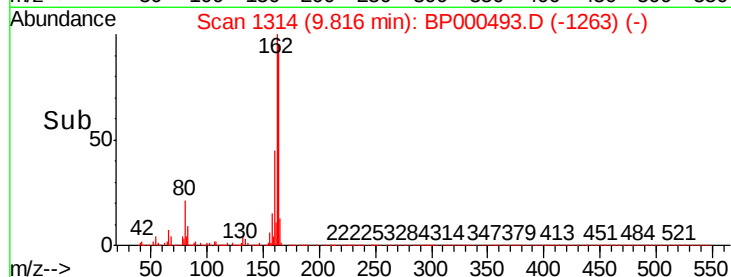
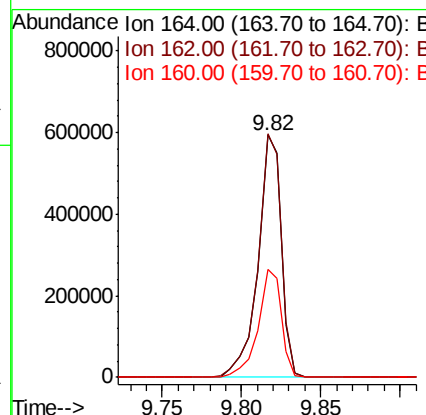
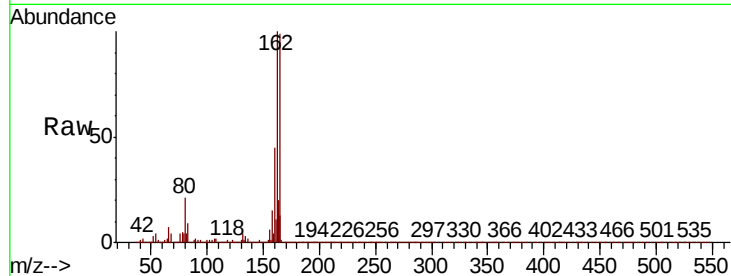
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.2	123.2
160	44.8	37.6	56.4

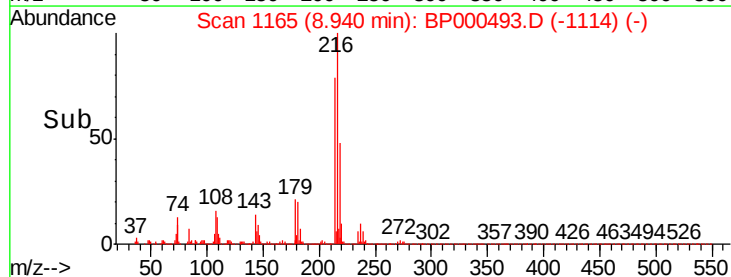
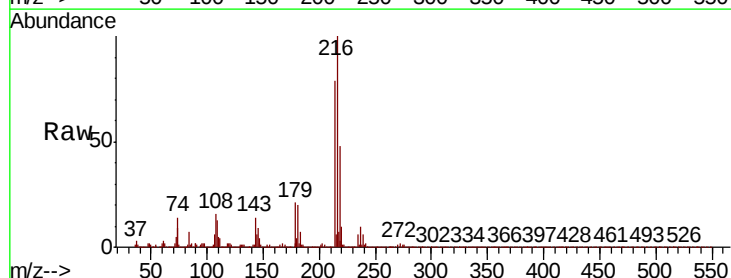
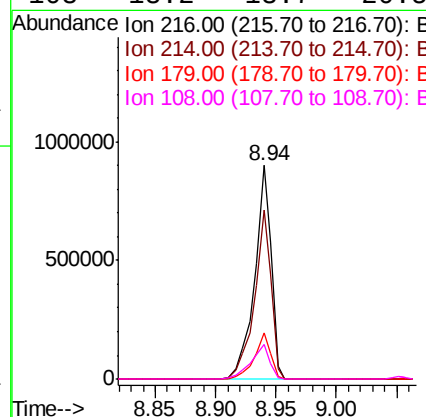
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.073 ng
RT: 8.94 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.7	94.1
179	21.0	16.7	25.1
108	18.2	13.7	20.5





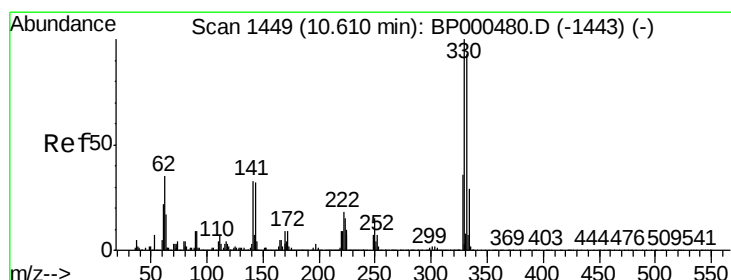
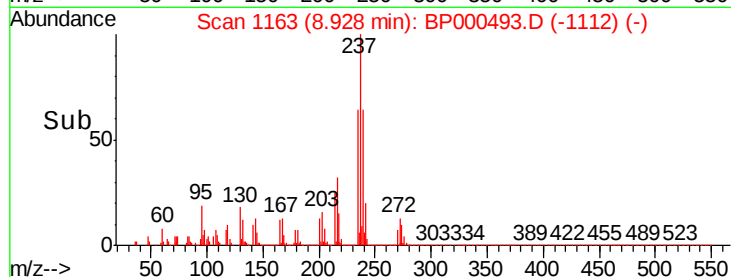
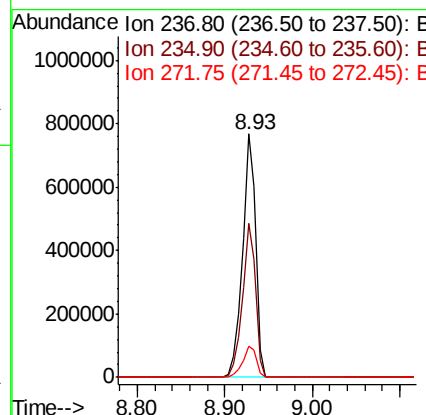
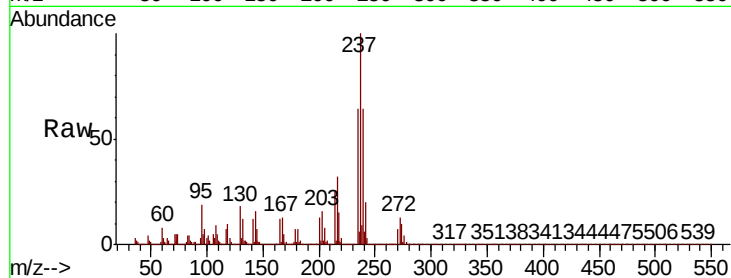
#41
Hexachlorocyclopentadiene
Concen: 98.171 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.5	42.9	82.9
272	12.9	0.0	32.4

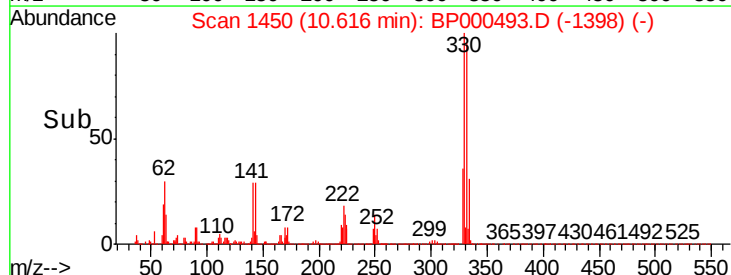
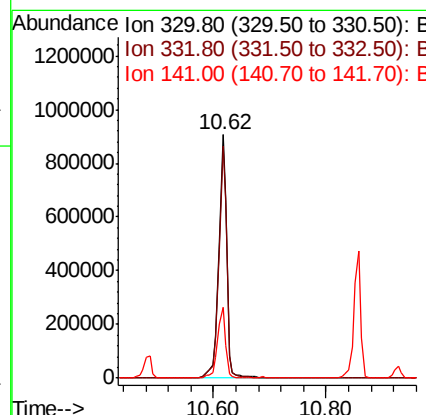
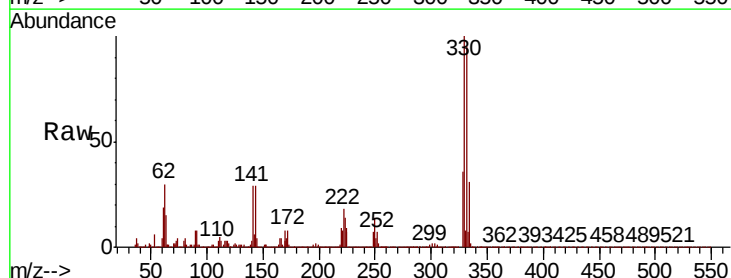
Manual Integrations
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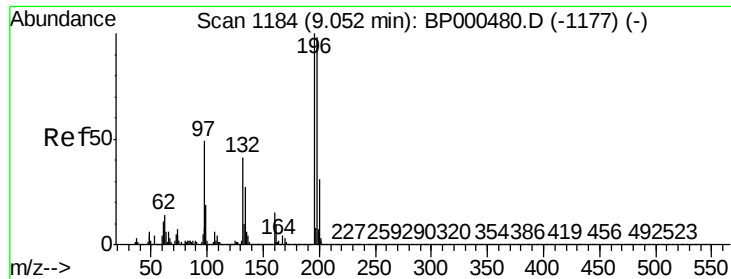
mohammad
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#42
2,4,6-Tribromophenol
Concen: 138.305 ng
RT: 10.62 min Scan# 1450
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	77.1	115.7
141	29.5	26.0	39.0





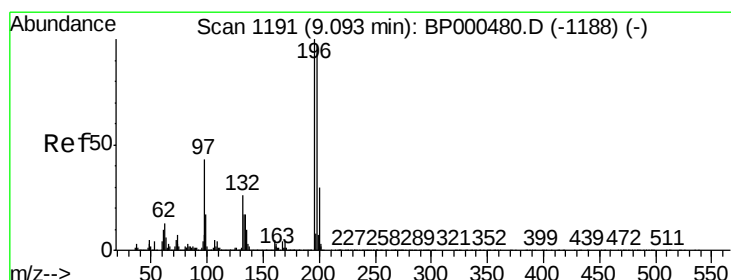
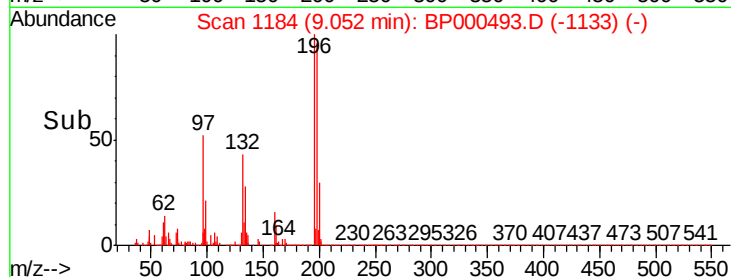
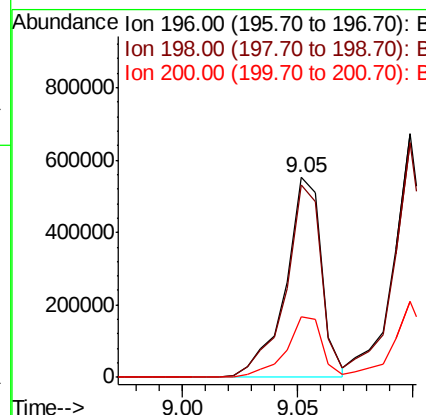
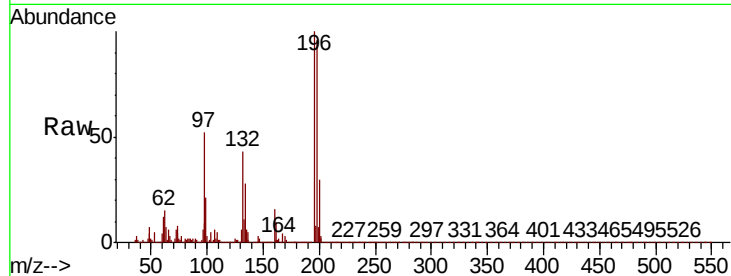
#43
2,4,6-Trichlorophenol
Concen: 50.394 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	594997		
198	96.1	78.2	117.2	
200	30.3	24.9	37.3	

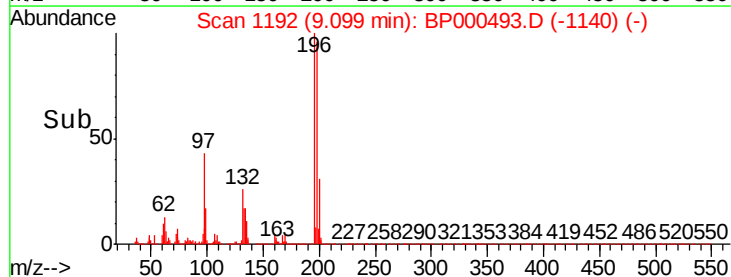
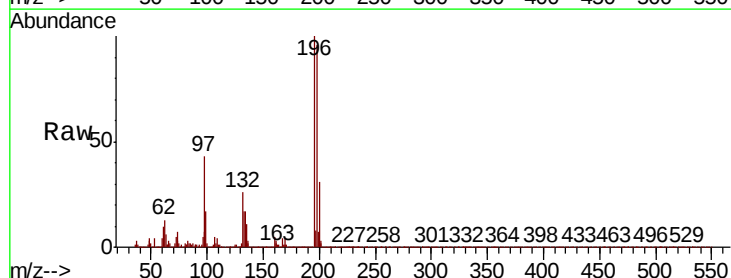
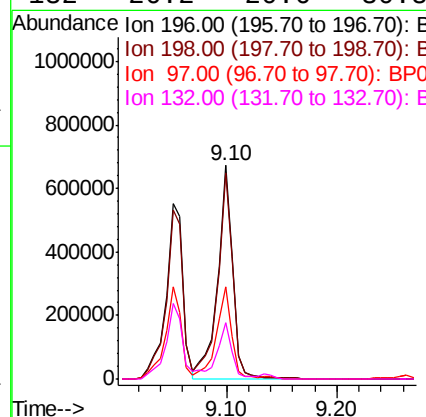
Manual Integrations
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#44
2,4,5-Trichlorophenol
Concen: 51.888 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	632538		
198	96.4	77.4	116.0	
97	43.3	34.6	51.8	
132	26.2	20.6	30.8	





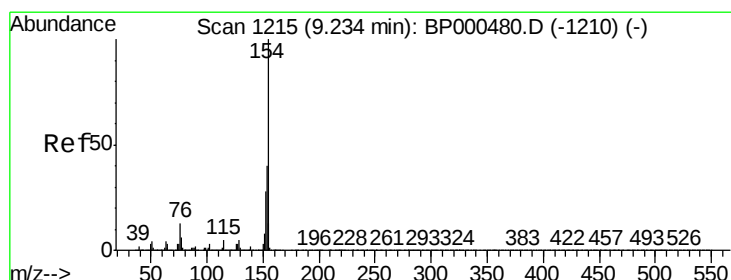
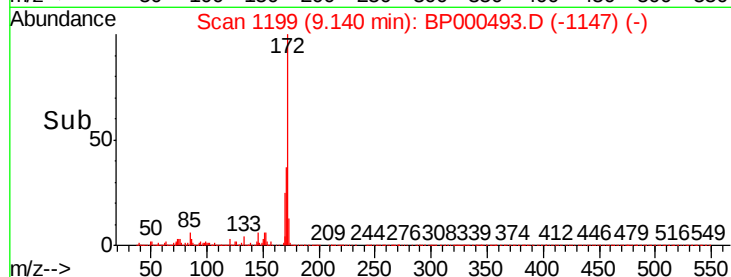
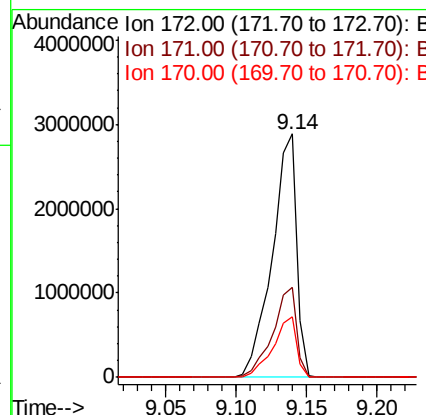
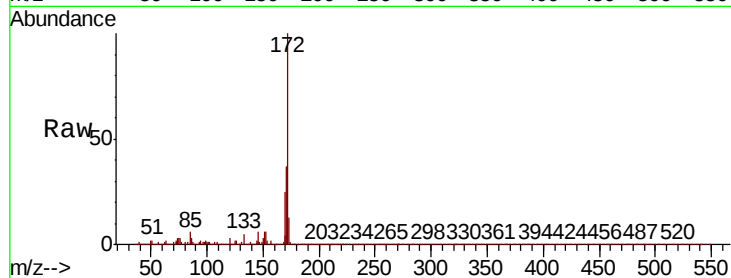
#45
2-Fluorobiphenyl
Concen: 93.810 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.4	42.6
170	24.7	19.1	28.7

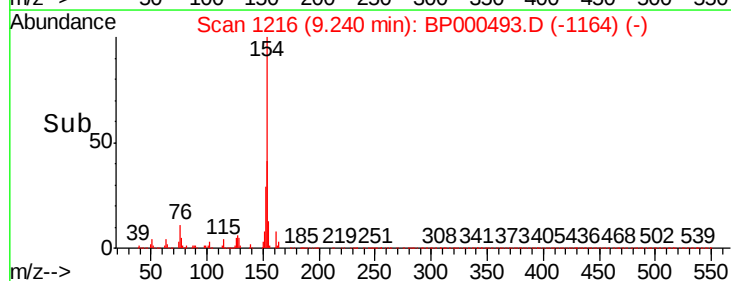
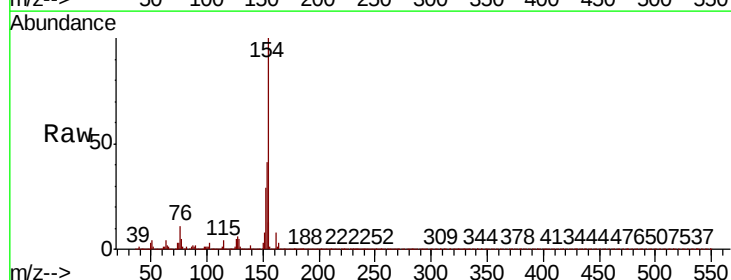
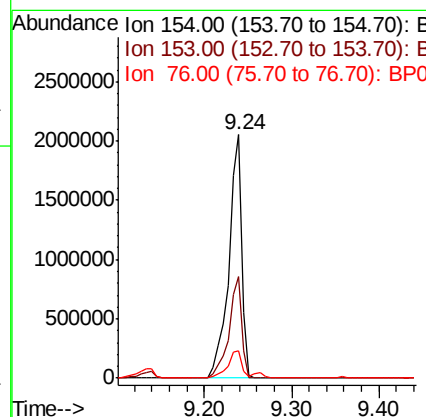
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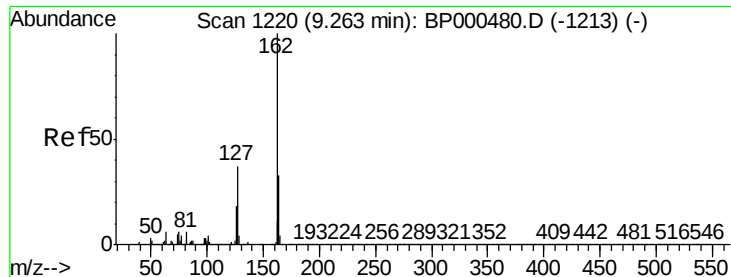
mohammad
10/7/2019 8:28:19 AM



#46
1,1'-Biphenyl
Concen: 45.991 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.9	59.9
76	11.0	0.0	32.8





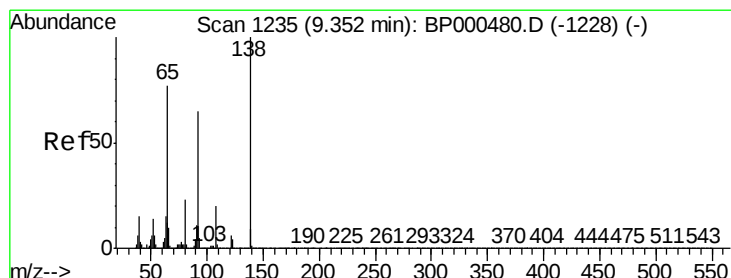
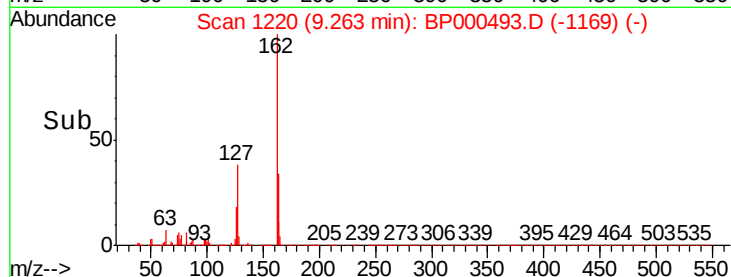
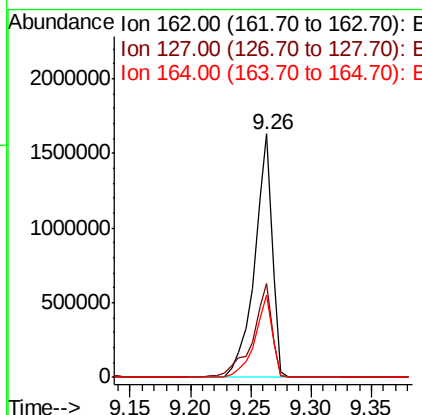
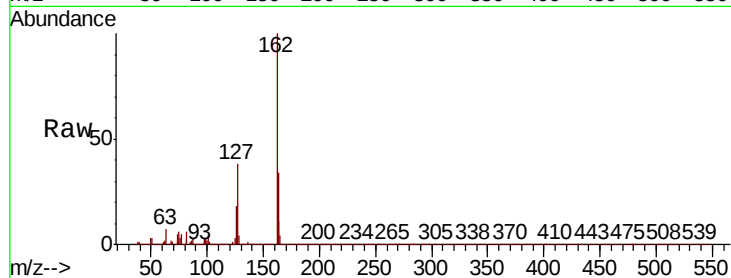
#47
2-Chloronaphthalene
Concen: 46.781 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	29.8	44.6
164	33.7	26.6	39.8

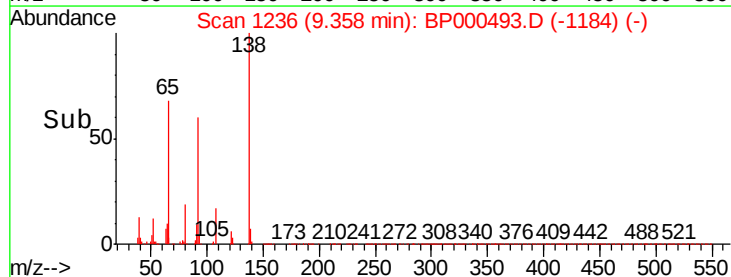
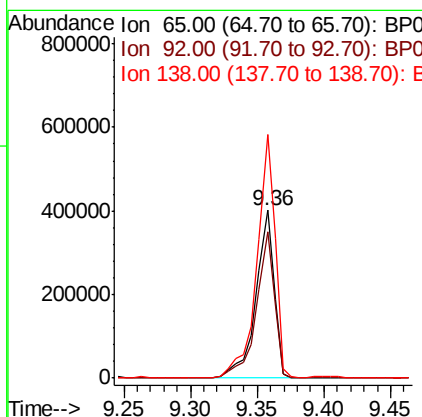
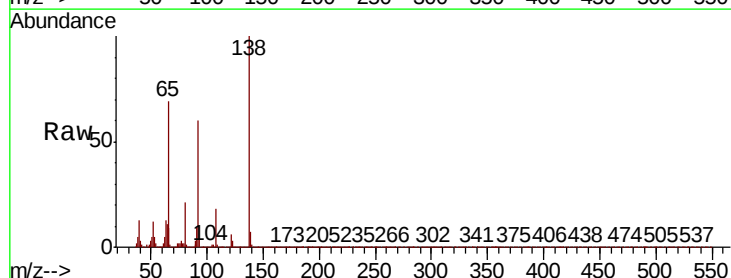
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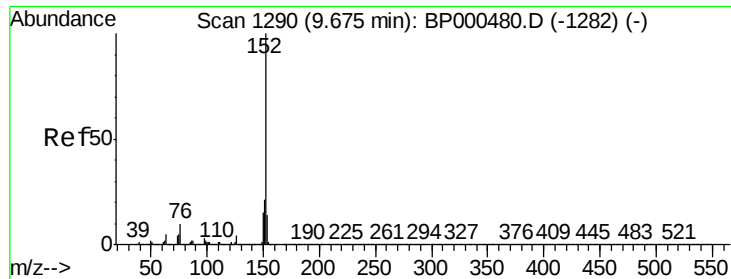
mohammad
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#48
2-Nitroaniline
Concen: 43.903 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	87.2	67.0	100.4
138	145.4	103.5	155.3





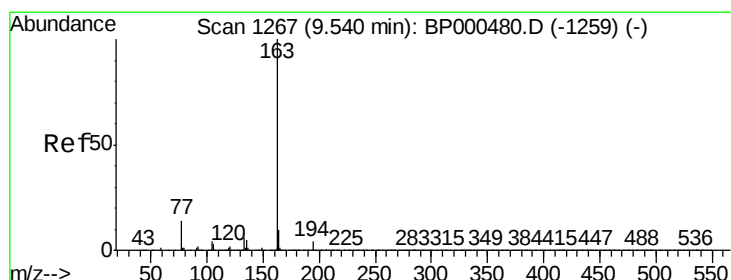
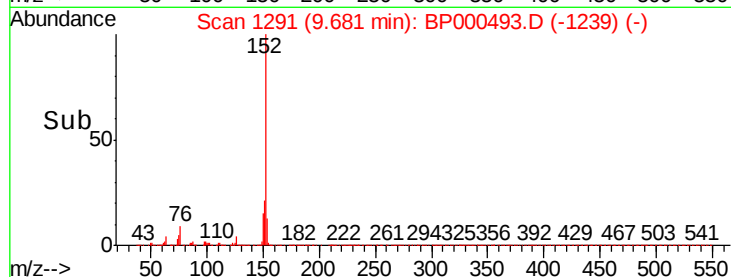
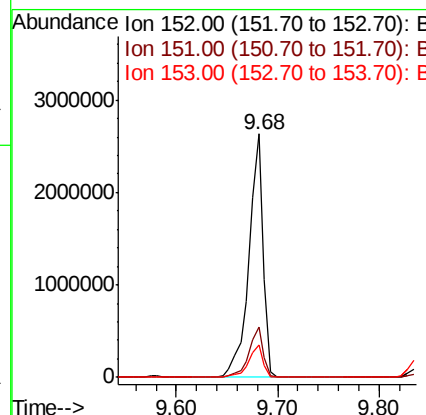
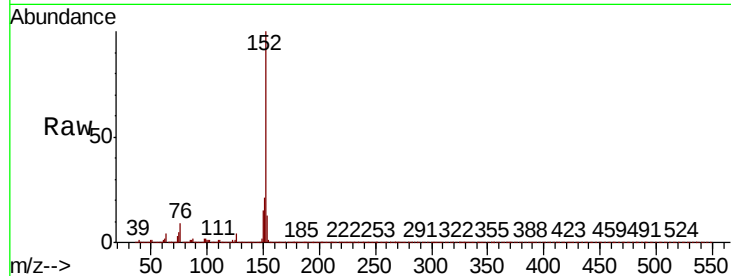
#49
Acenaphthylene
Concen: 47.957 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.6	25.0
153	13.4	11.0	16.6

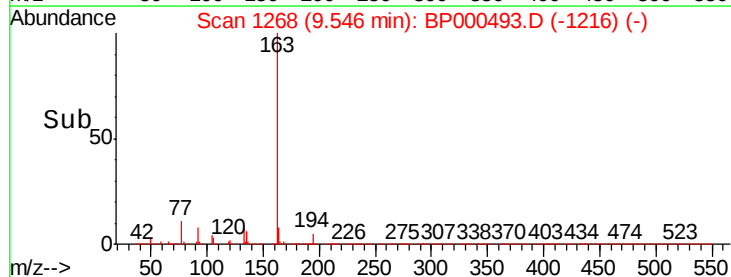
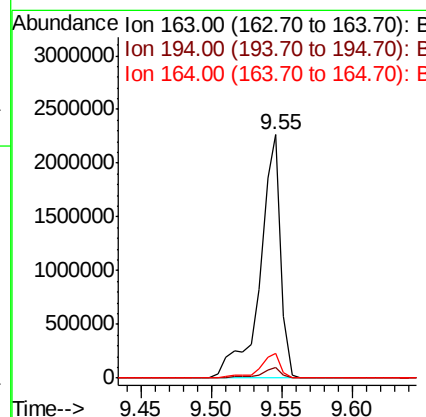
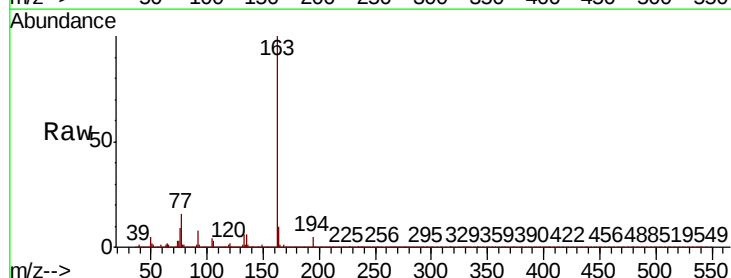
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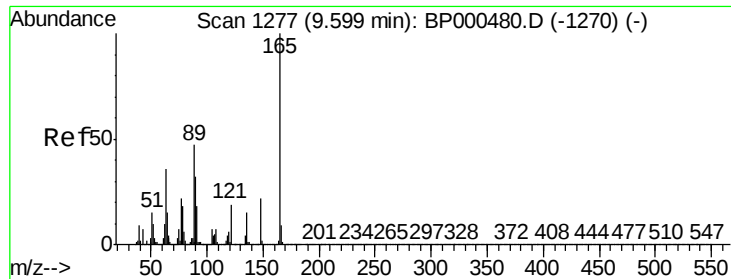
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#50
Dimethylphthalate
Concen: 55.312 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.4	8.0	12.0





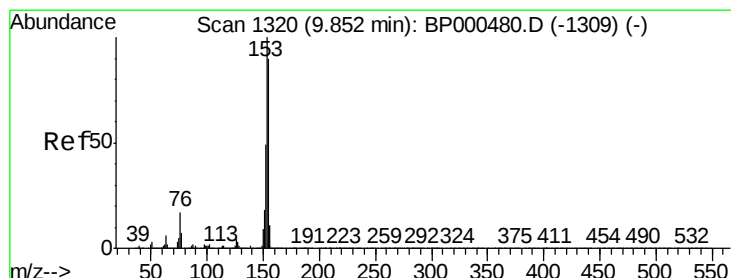
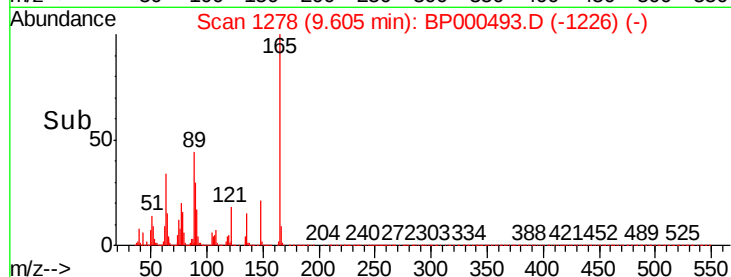
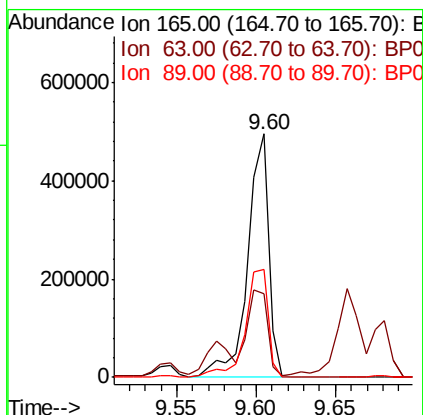
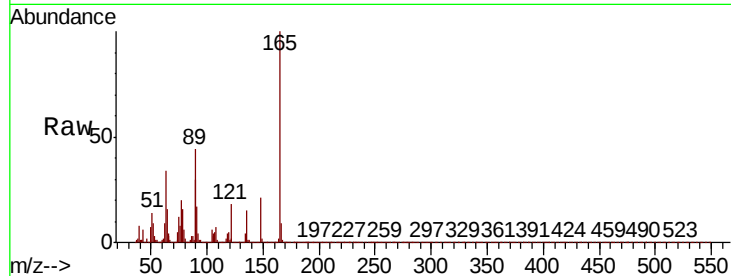
#51
2,6-Dinitrotoluene
Concen: 49.498 ng
RT: 9.60 min Scan# 1278
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		454497		
63	34.5	29.9	44.9		
89	44.1	37.3	55.9		

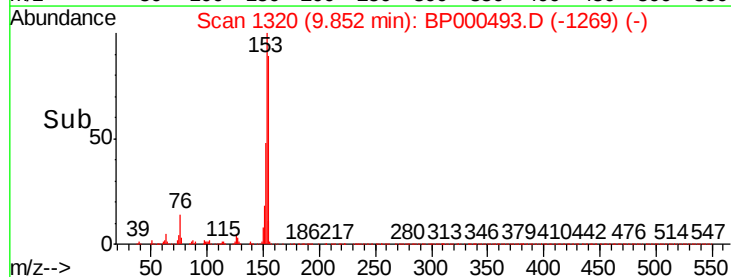
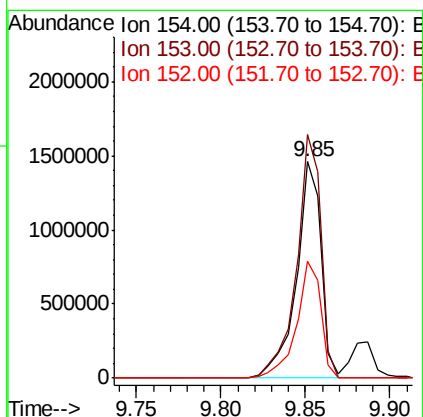
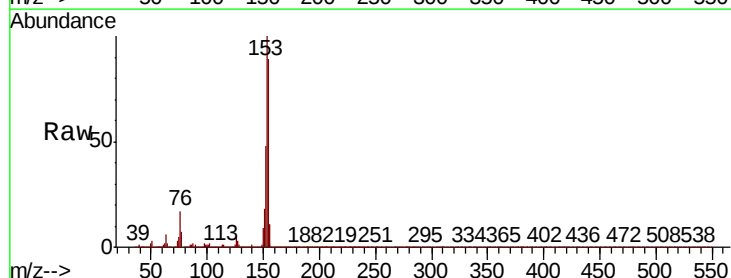
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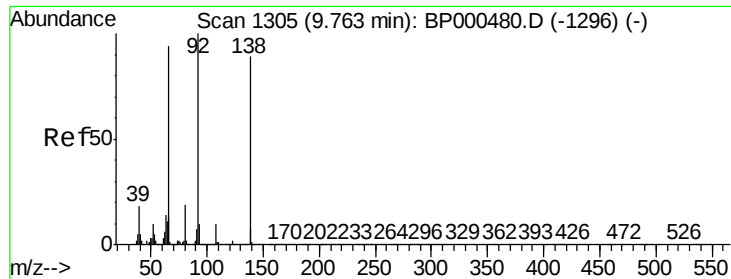
mohammad
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#52
Acenaphthene
Concen: 45.796 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		1482409		
153	112.6	89.4	134.0		
152	54.0	43.8	65.8		





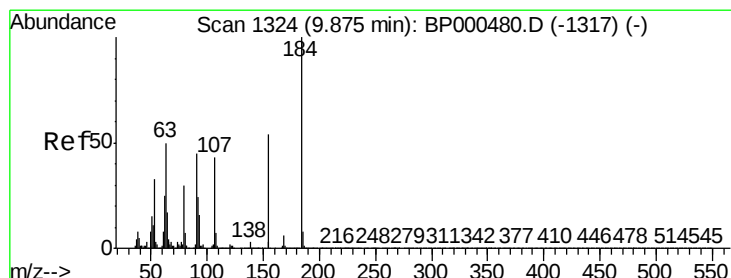
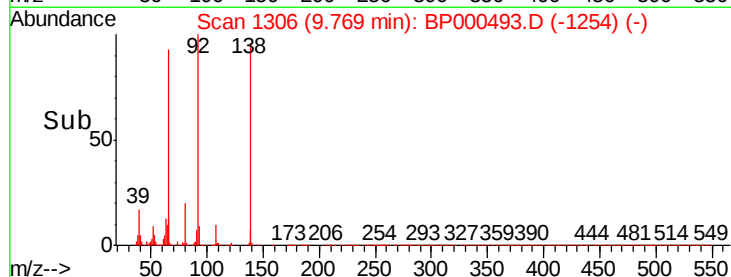
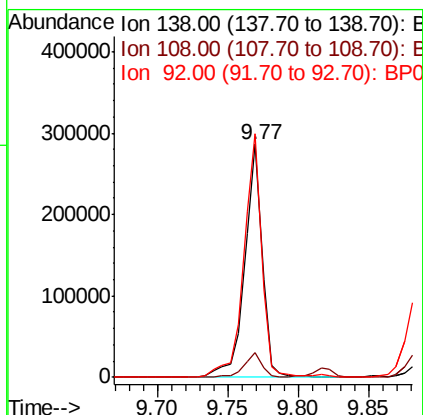
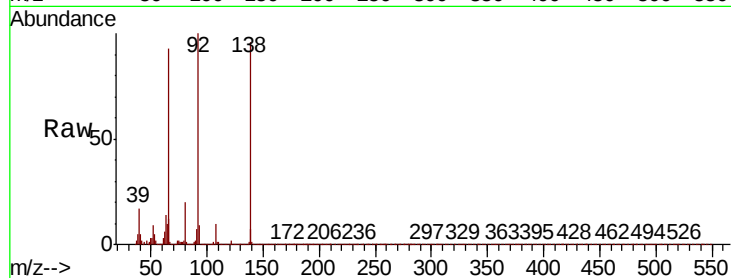
#53
3-Nitroaniline
Concen: 23.531 ng
RT: 9.77 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.8	13.2
92	104.4	90.4	135.6

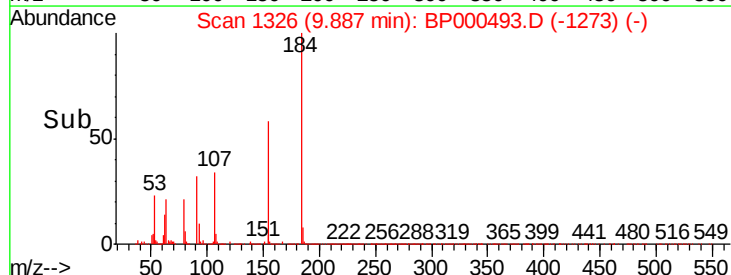
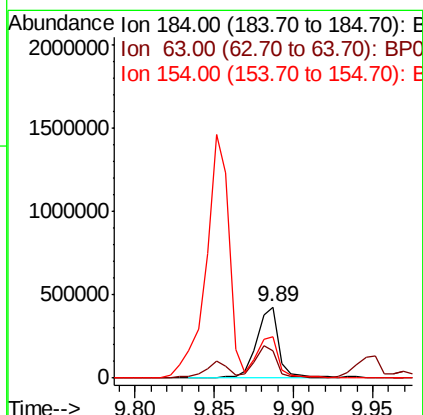
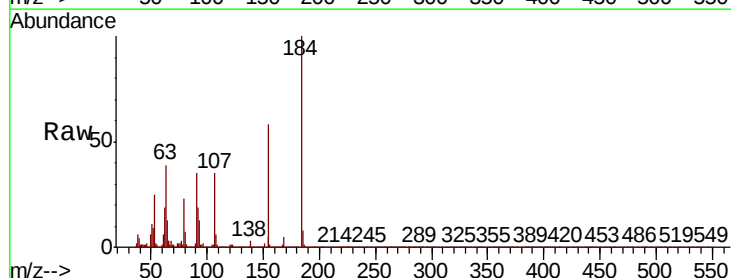
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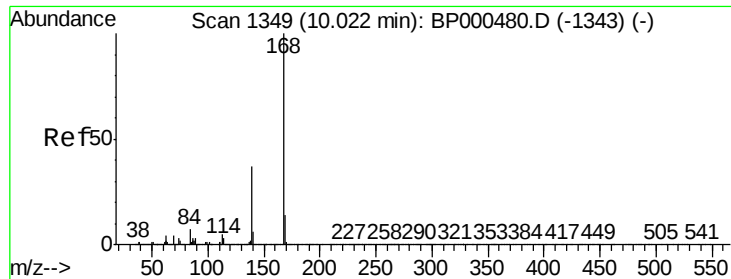
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#54
2,4-Dinitrophenol
Concen: 137.318 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	38.7	41.0	61.4#
154	58.4	49.8	74.8





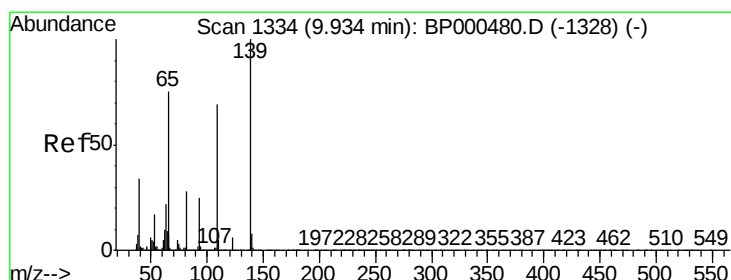
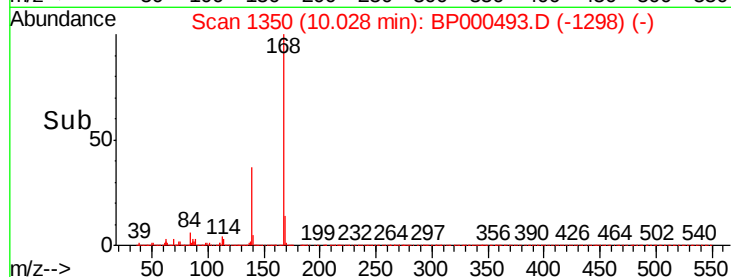
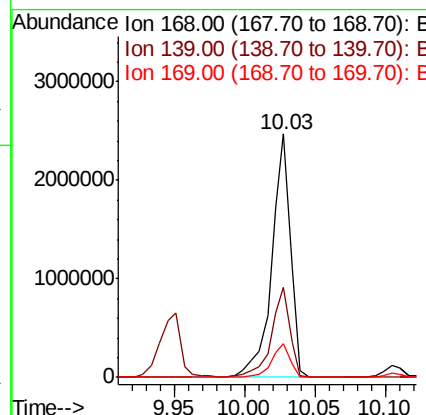
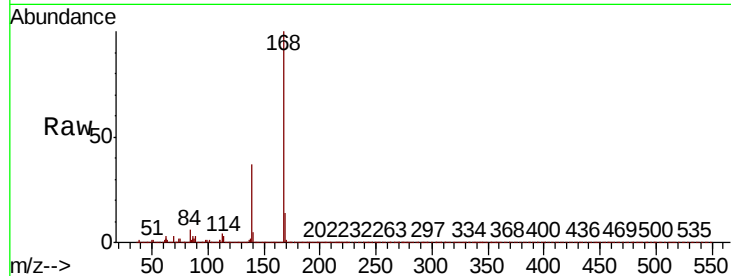
#55
Dibenzofuran
Concen: 47.603 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.1	29.5	44.3
169	13.8	11.1	16.7

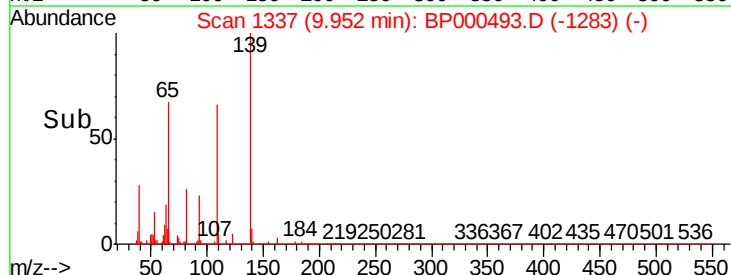
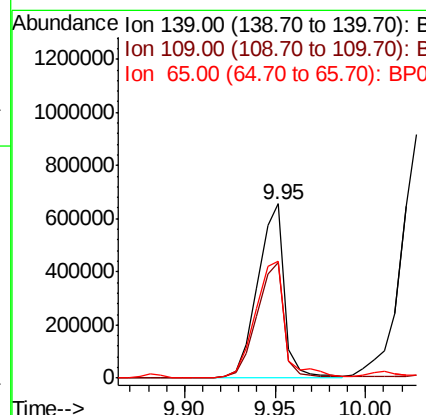
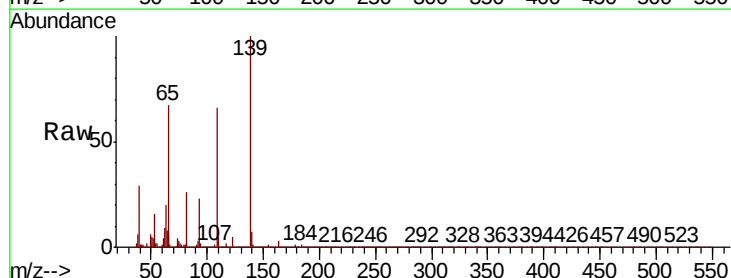
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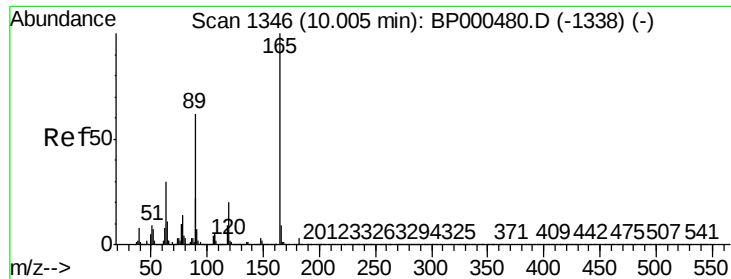
mohammad
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#56
4-Nitrophenol
Concen: 100.770 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.1	48.6	88.6
65	67.4	55.3	95.3





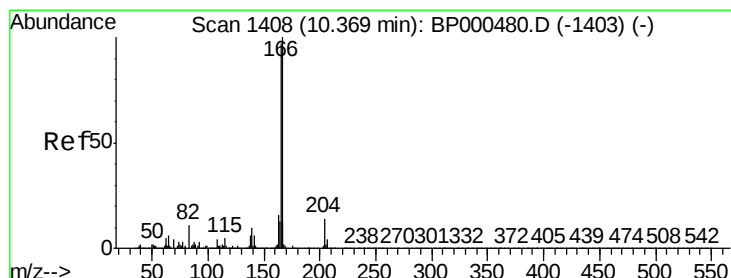
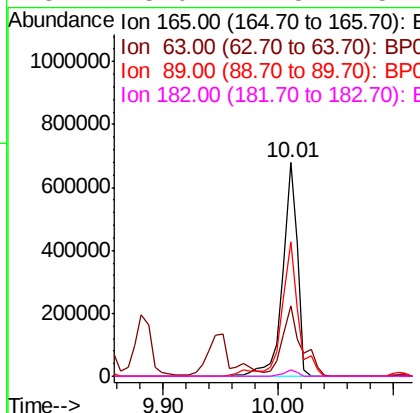
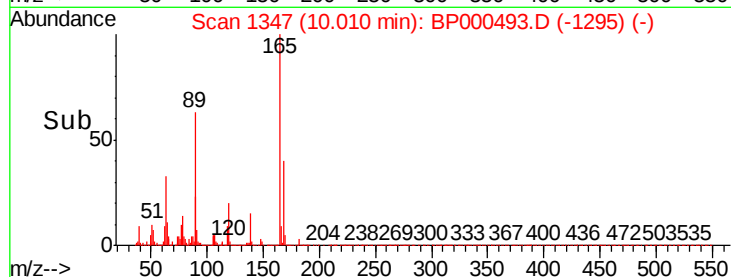
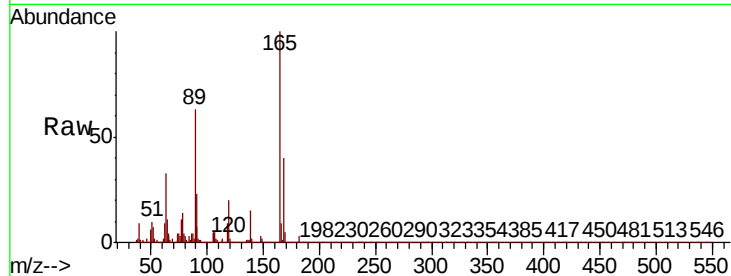
#57
2,4-Dinitrotoluene
Concen: 48.655 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	32.9	24.2	36.4	
89	62.9	49.4	74.0	
182	3.0	2.5	3.7	

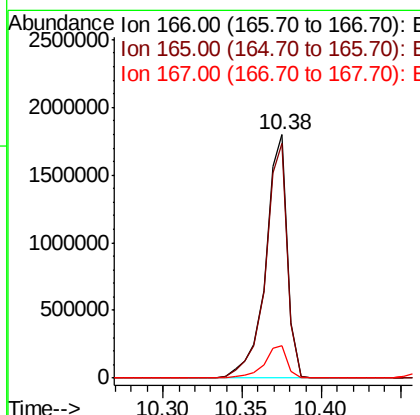
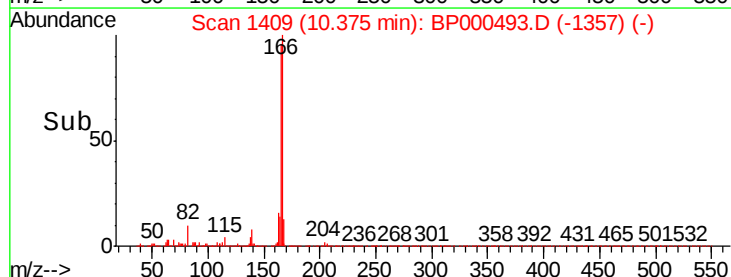
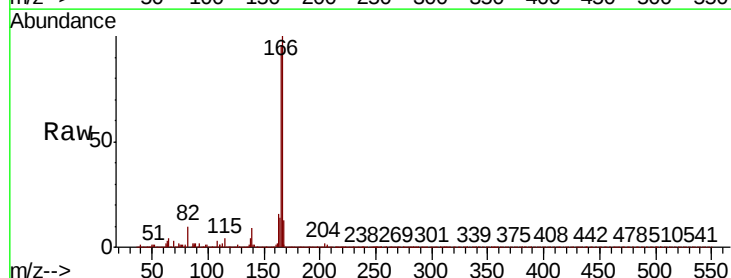
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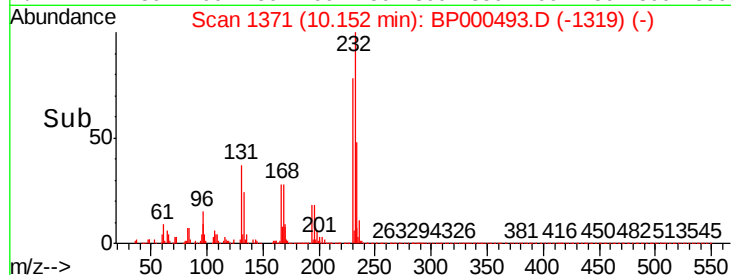
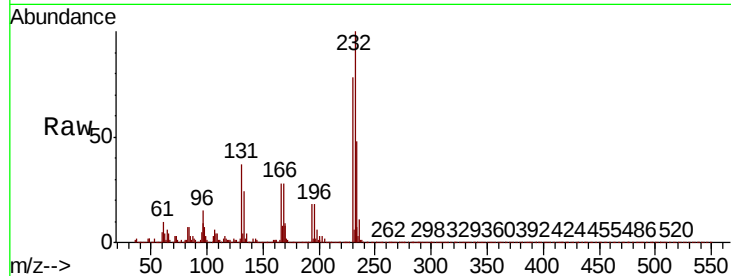
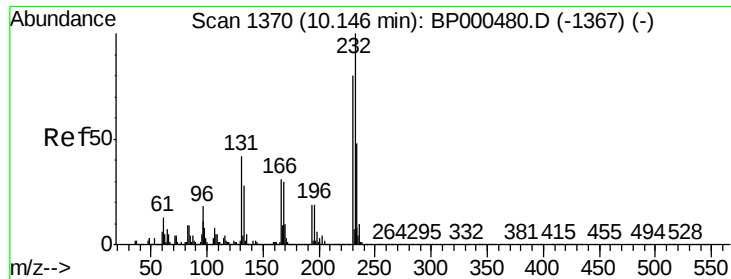
mohammad
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#58
Fluorene
Concen: 50.026 ng
RT: 10.38 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.2	77.3	115.9	
167	13.4	10.6	16.0	





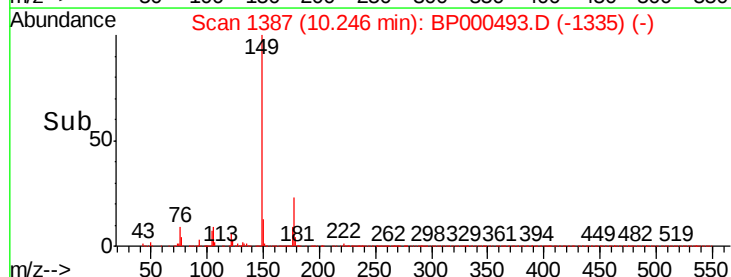
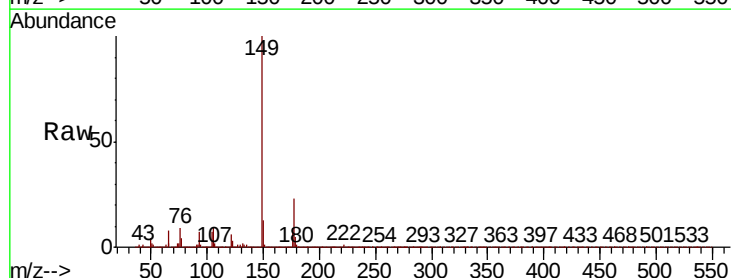
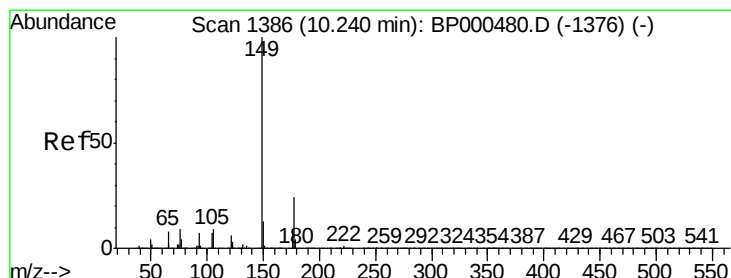
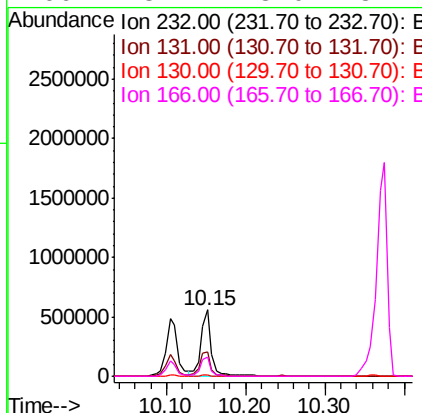
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.788 ng
RT: 10.15 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.5	32.1	48.1
130	2.1	1.6	2.4
166	28.1	23.0	34.4

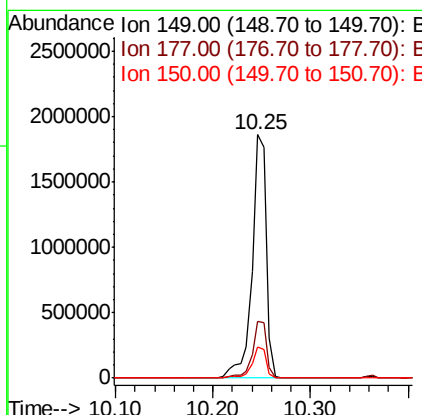
Manual Integrations
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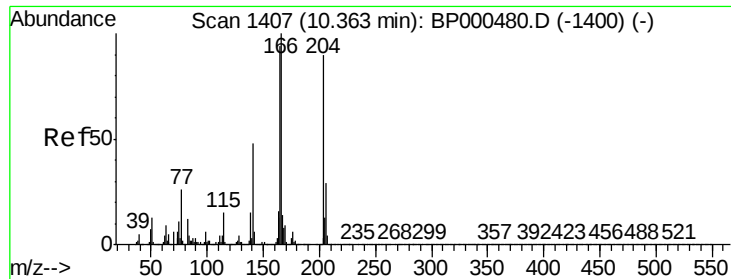
mohammad
10/7/2019 8:28:19 AM



#60
Diethylphthalate
Concen: 46.935 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.6
150	13.0	10.8	16.2





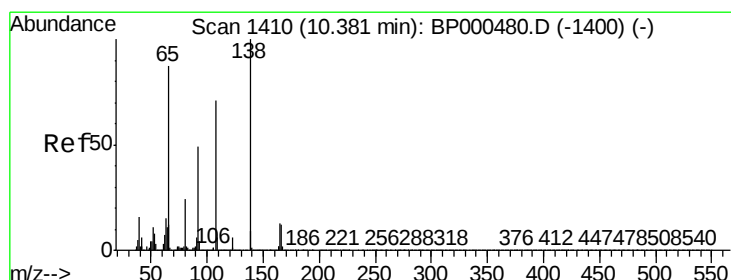
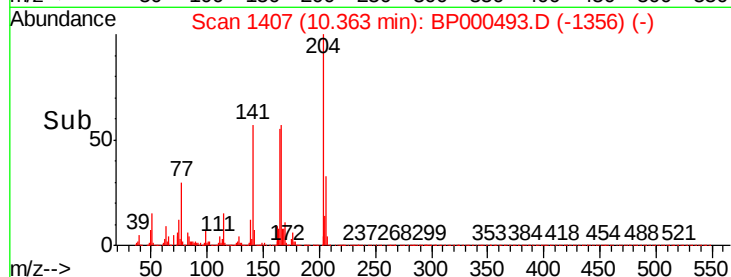
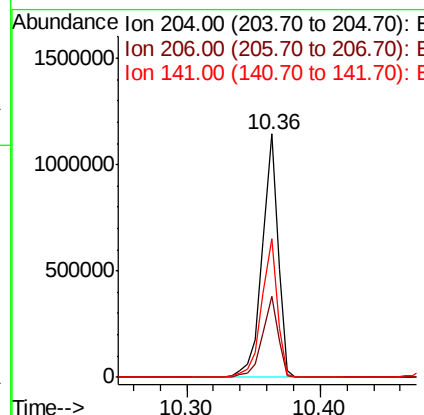
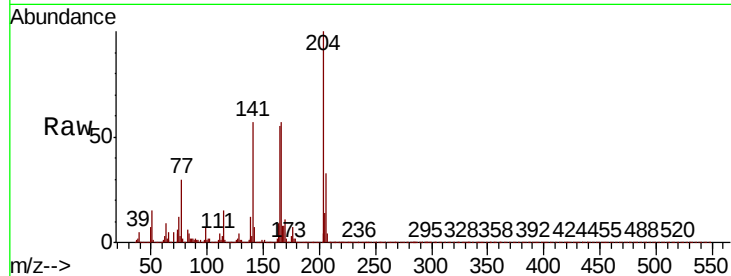
#61
4-Chlorophenyl-phenylether
Concen: 49.593 ng
RT: 10.36 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.8	38.8
141	57.1	42.8	64.2

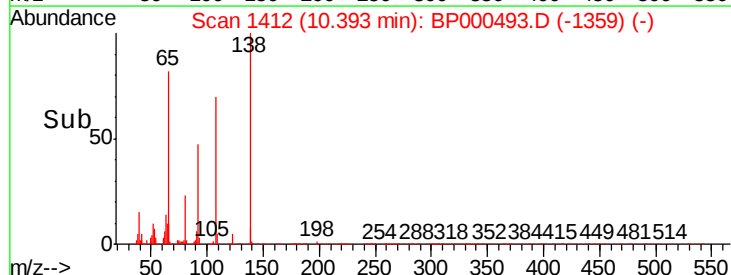
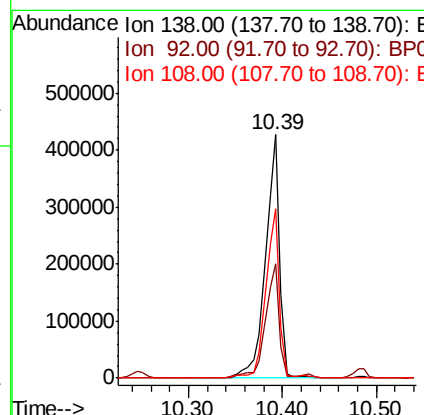
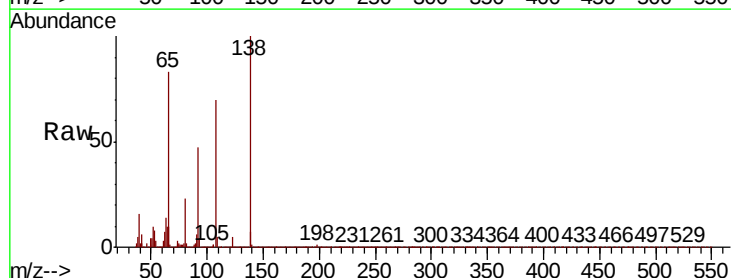
Manual Integrations
APPROVED

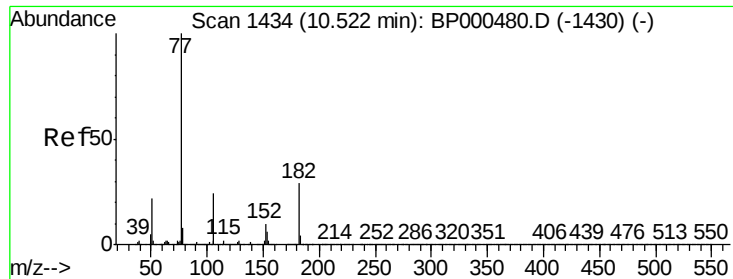
mohammad
10/7/2019 8:28:19 AM



#62
4-Nitroaniline
Concen: 43.780 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.8	28.7	68.7
108	69.7	50.6	90.6





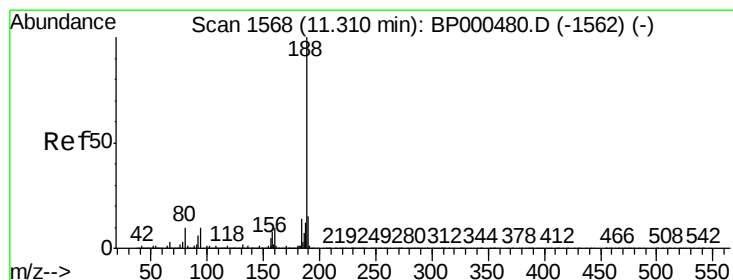
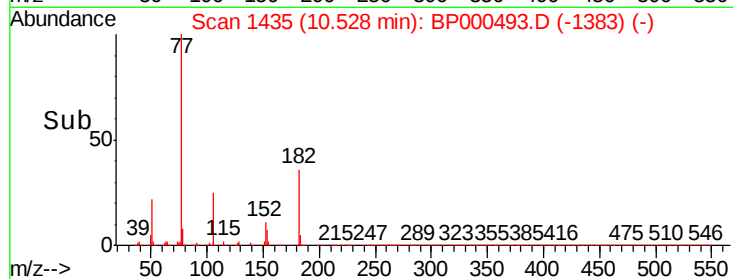
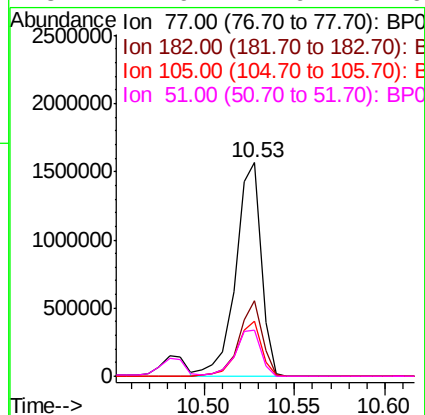
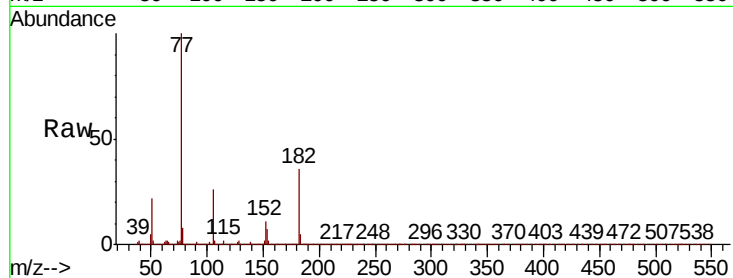
#63
Azobenzene
Concen: 49.913 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	35.5	9.0	49.0
105	25.6	3.8	43.8
51	21.9	1.9	41.9

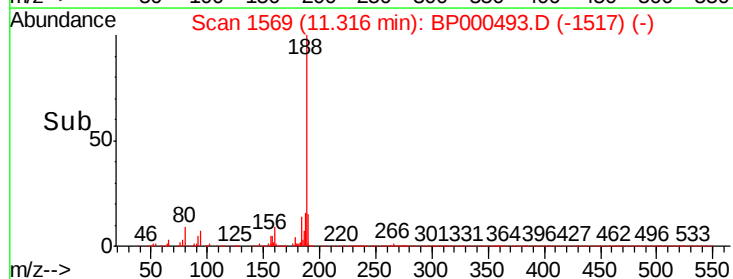
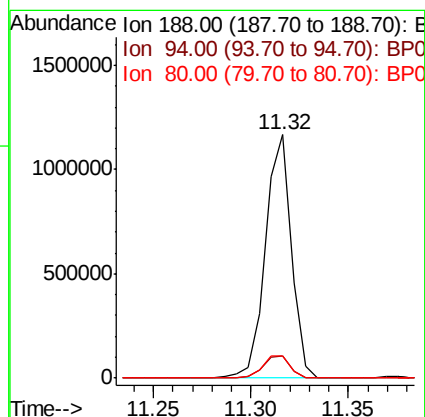
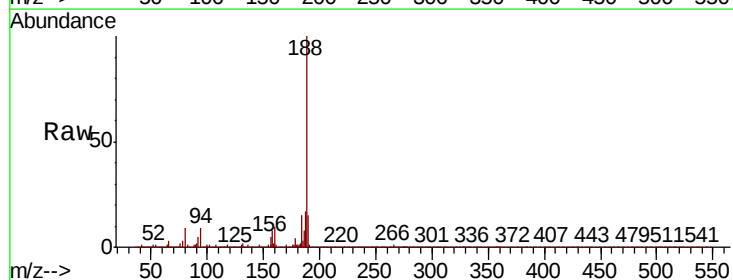
Manual Integrations
APPROVED

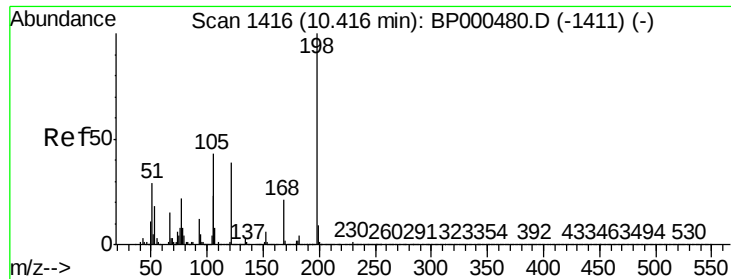
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.3	8.3	12.5





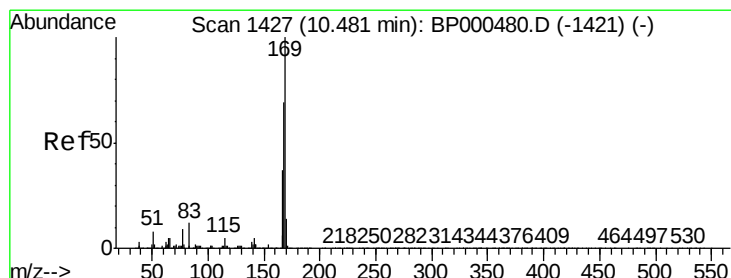
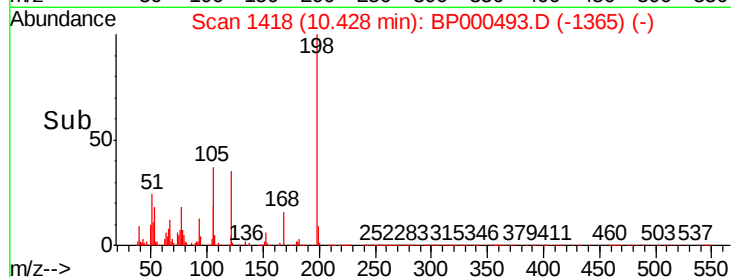
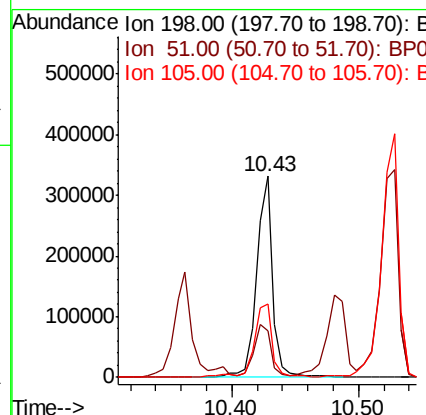
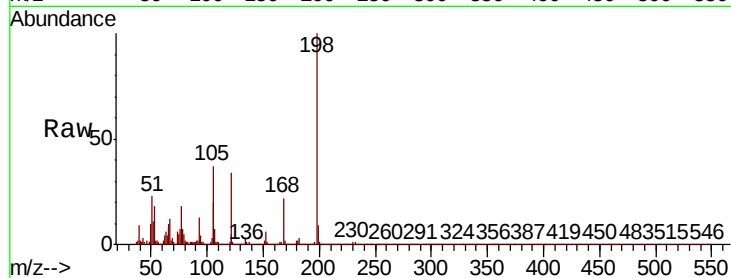
#65
4,6-Dinitro-2-methylphenol
Concen: 60.998 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	291217		
51	23.4	12.8	52.8	
105	36.7	24.0	64.0	

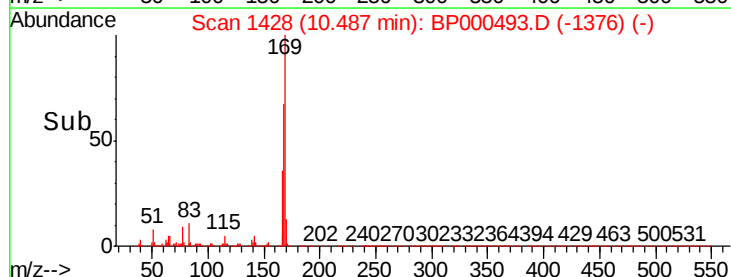
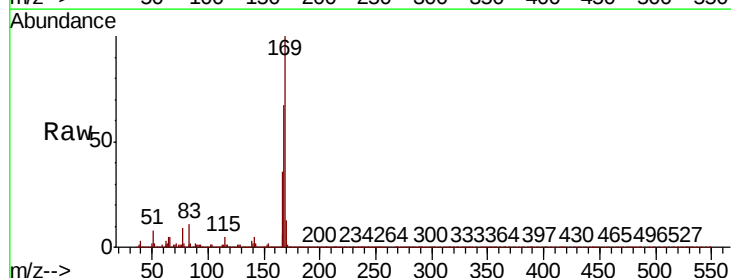
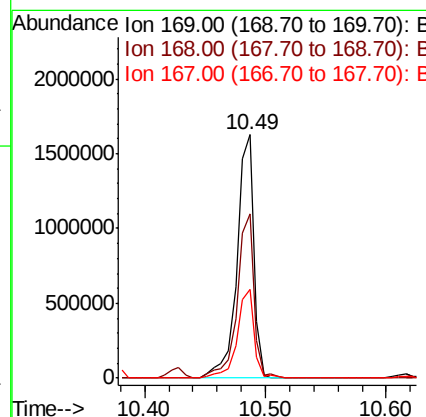
Manual Integrations
APPROVED

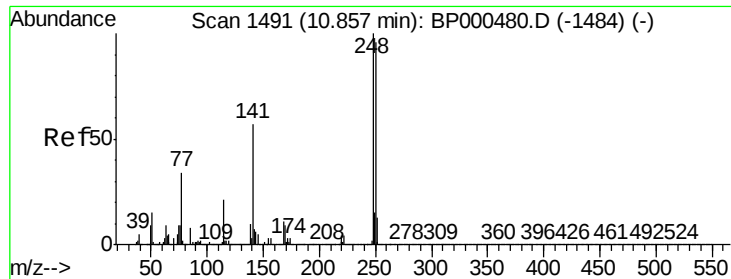
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 50.628 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1588072		
168	67.4	55.4	83.2	
167	36.3	29.4	44.2	





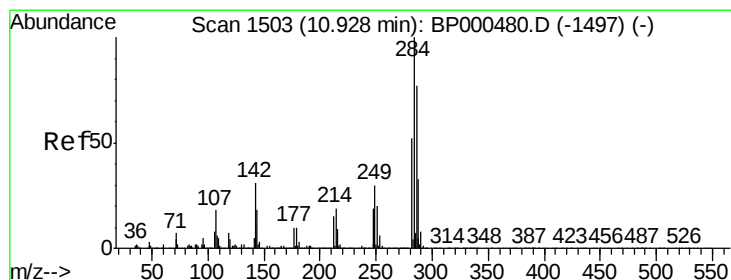
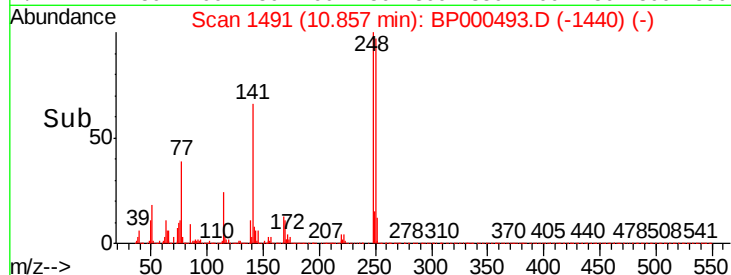
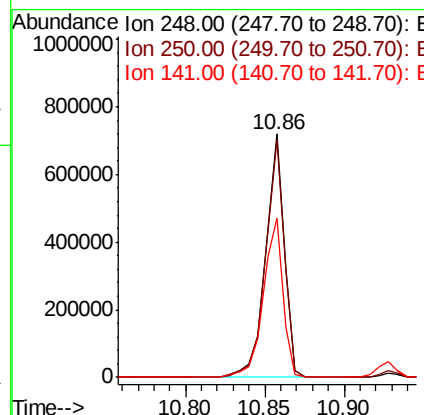
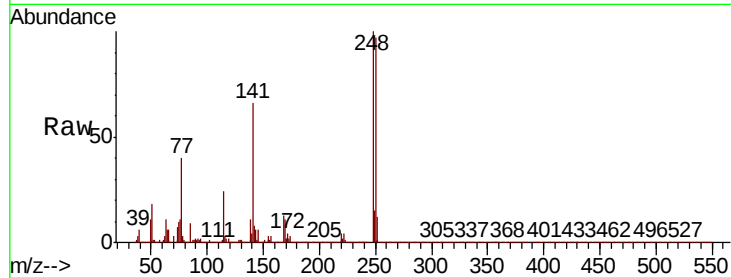
#67
4-Bromophenyl-phenylether
Concen: 49.415 ng
RT: 10.86 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.2	115.8
141	65.6	45.3	67.9

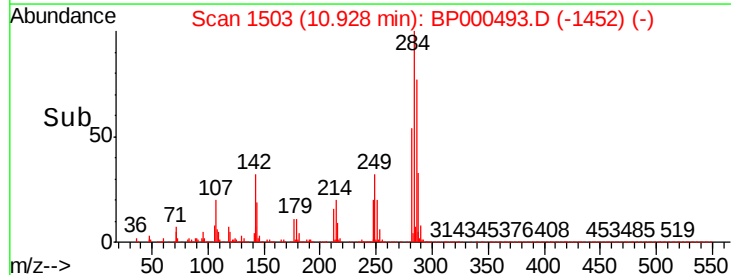
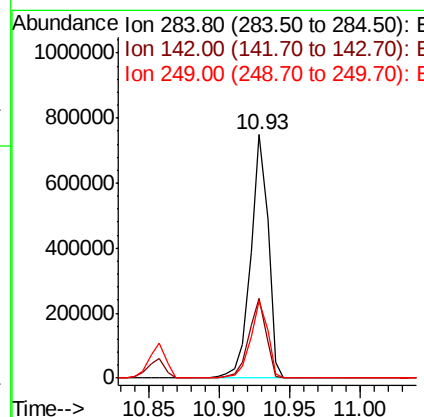
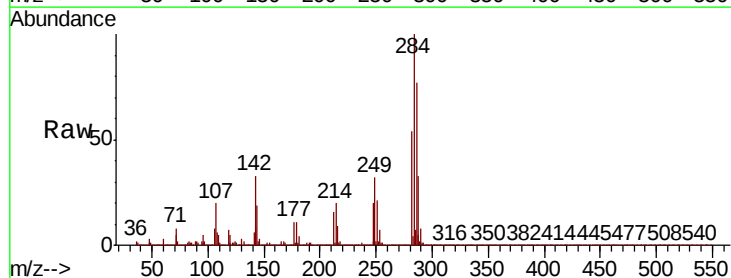
Manual Integrations
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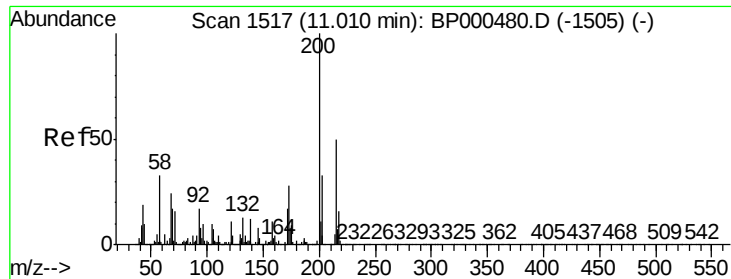
mohammad
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#68
Hexachlorobenzene
Concen: 46.800 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	24.6	37.0
249	31.8	24.1	36.1





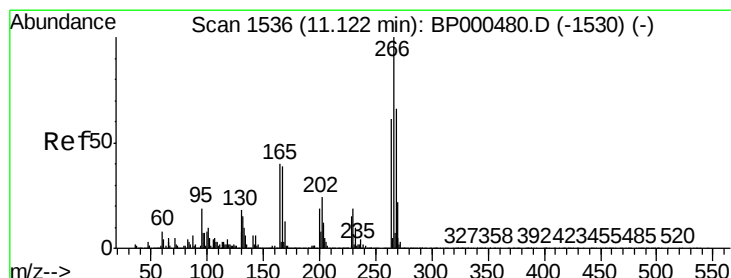
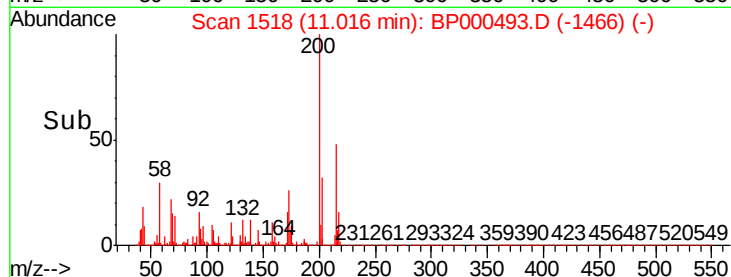
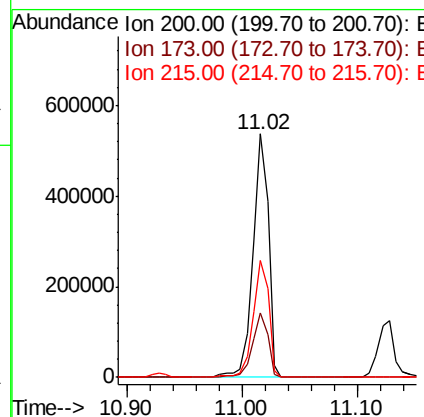
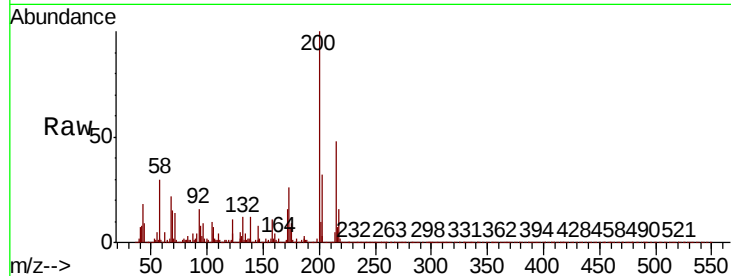
#69
Atrazine
Concen: 47.975 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.4	7.6	47.6
215	48.0	29.5	69.5

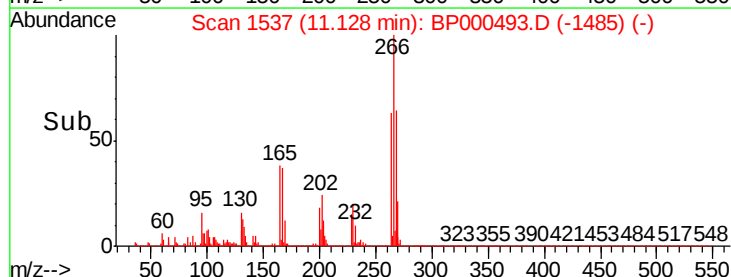
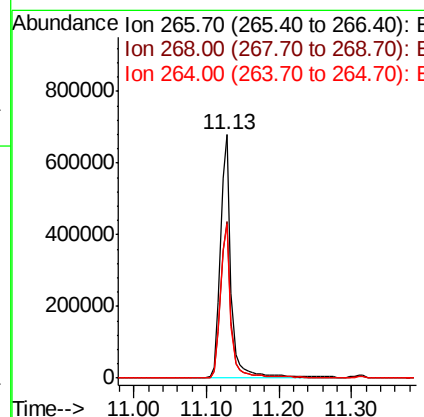
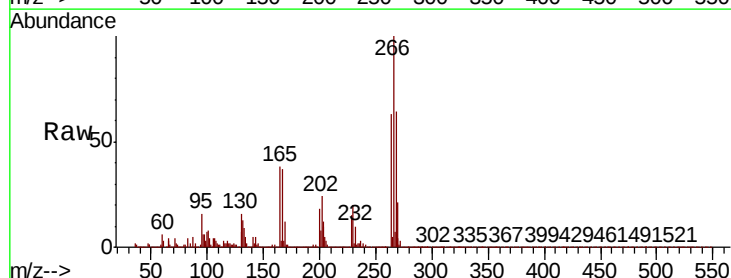
Manual Integrations
APPROVED

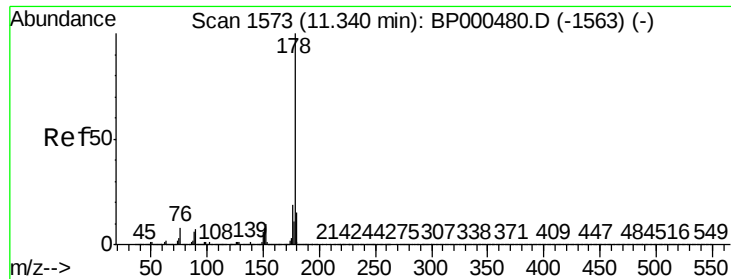
mohammad
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#70
Pentachlorophenol
Concen: 127.815 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	53.2	79.8
264	63.5	49.0	73.4





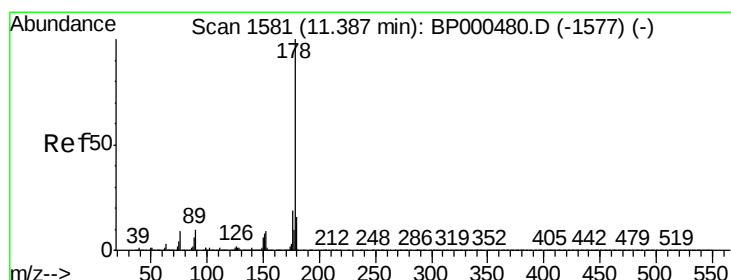
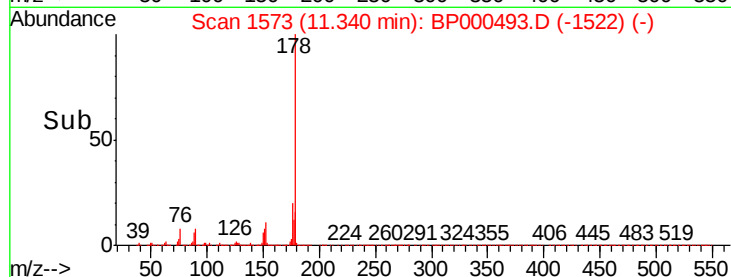
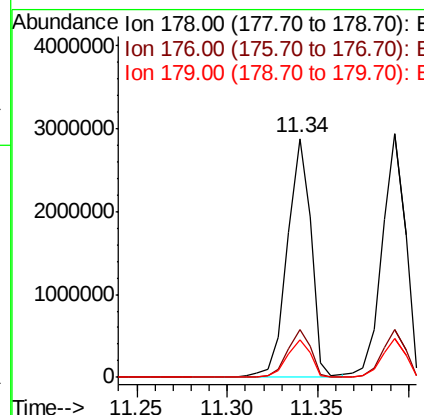
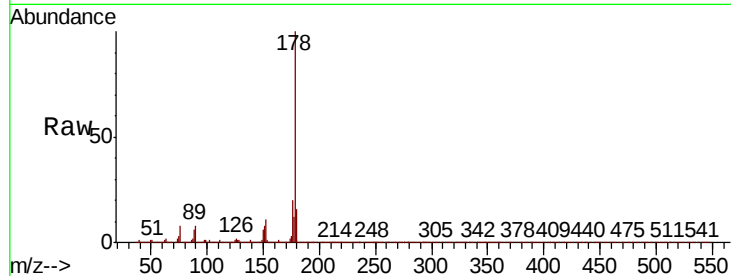
#71
Phenanthrene
Concen: 48.713 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion:178 Resp: 2634824
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.2
179 15.9 12.2 18.4

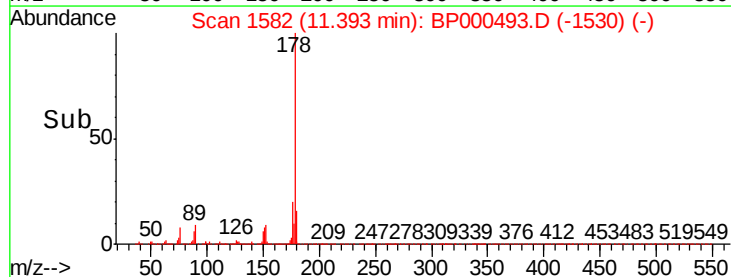
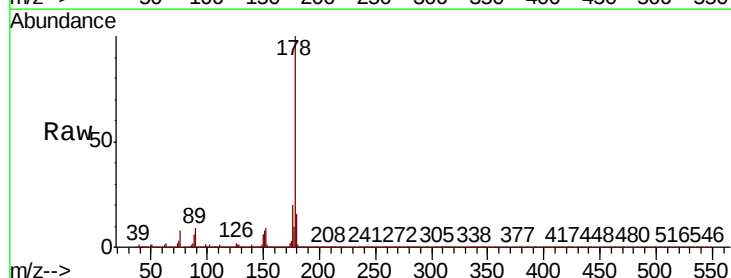
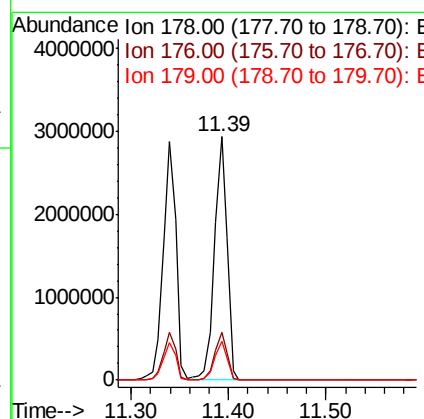
Manual Integrations
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#72
Anthracene
Concen: 49.098 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion:178 Resp: 2633151
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 16.0 12.6 19.0





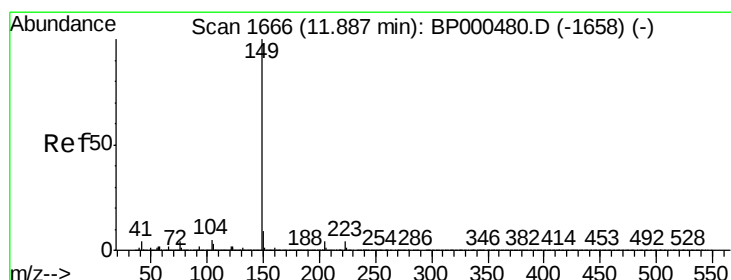
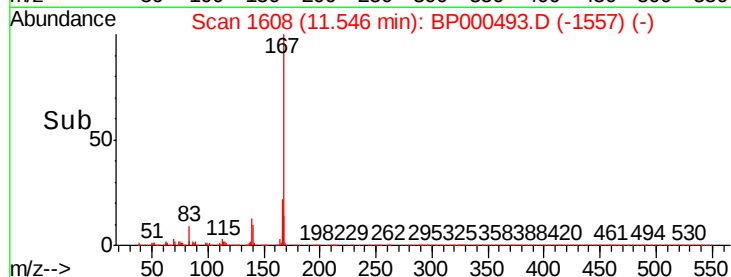
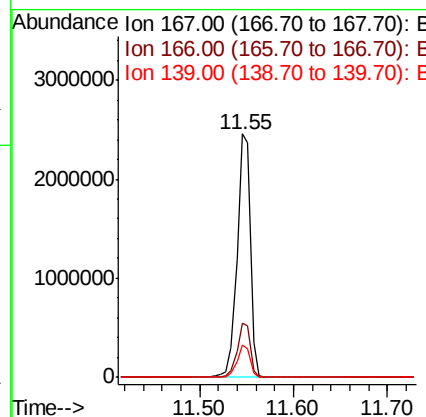
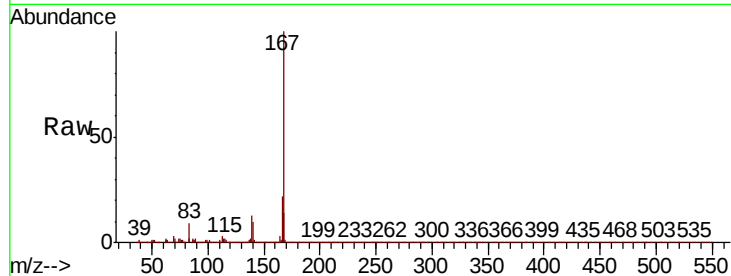
#73
 Carbazole
 Concen: 48.638 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. 0.00 min
 Lab File: BP000493.D
 Acq: 03 Oct 2019 14:20

Instrument :
 BNA_P
 ClientSampleId :
 OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.9	25.3
139	13.2	9.7	14.5

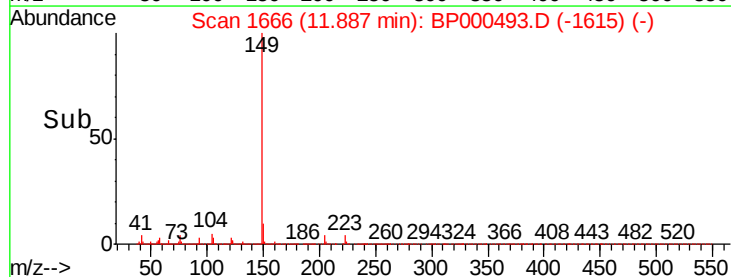
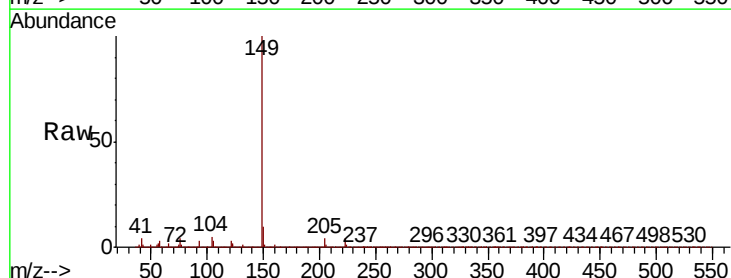
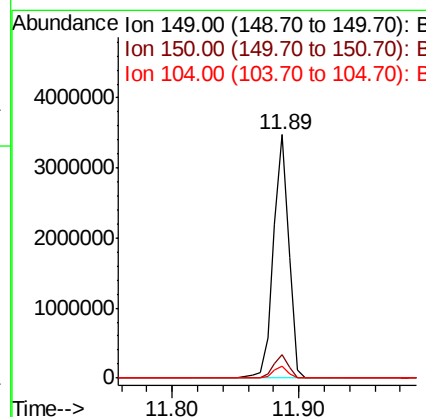
Manual Integrations
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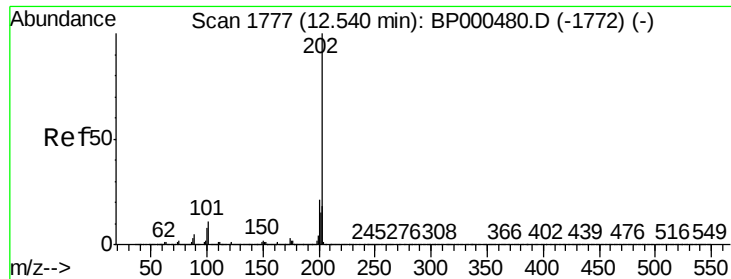
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.159 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. 0.00 min
 Lab File: BP000493.D
 Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.2
104	4.9	3.7	5.5





#75

Fluoranthene

Concen: 47.339 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Instrument :

BNA_P

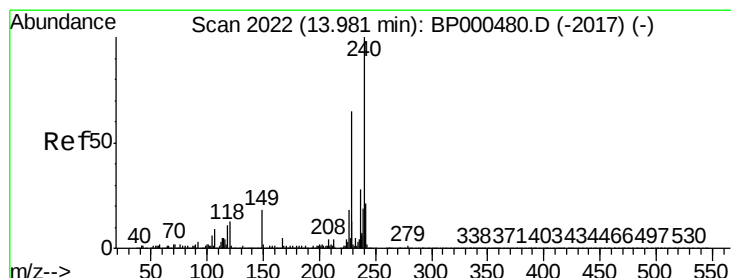
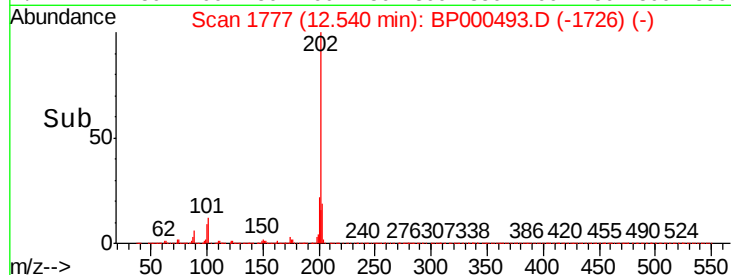
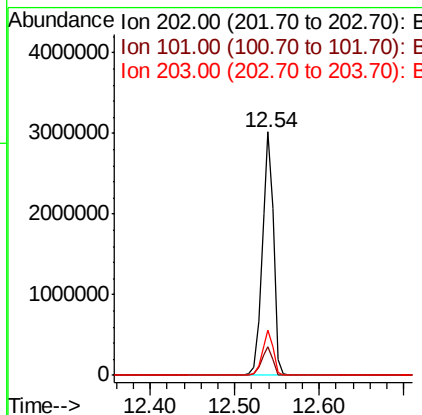
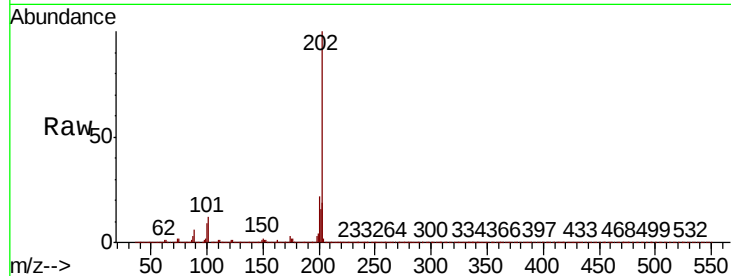
ClientSampleId :

OK-01-093019MS

Tot Ion:	202	Resp:	2875790
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	31.3
203	18.6	0.0	38.1

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

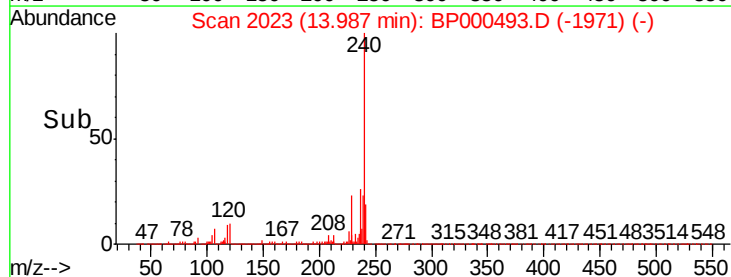
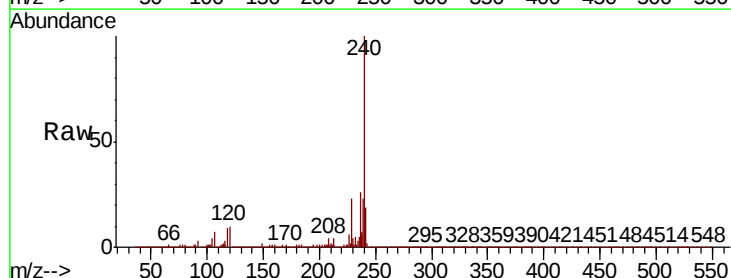
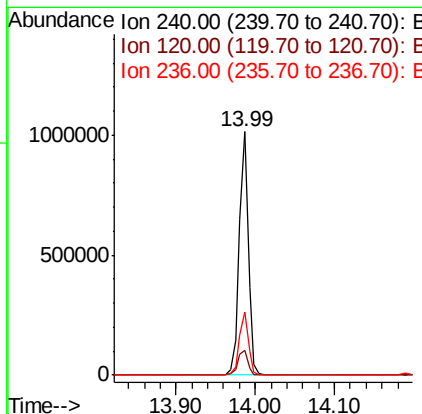
RT: 13.99 min Scan# 2023

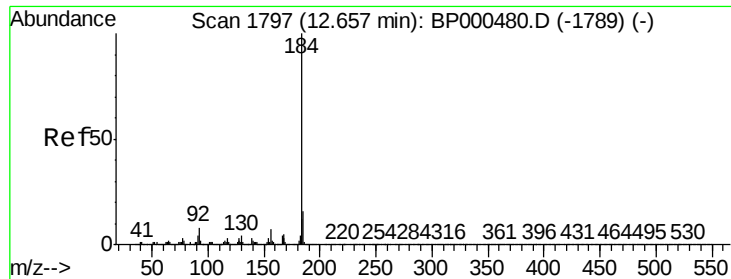
Delta R.T. 0.01 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Tgt Ion:	240	Resp:	802315
Ion Ratio	Lower	Upper	
240	100		
120	10.4	10.1	15.1
236	26.0	22.7	34.1





#77

Benzidine

Concen: 4.624 ng

RT: 12.66 min Scan# 1797

Delta R.T. 0.00 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Instrument :

BNA_P

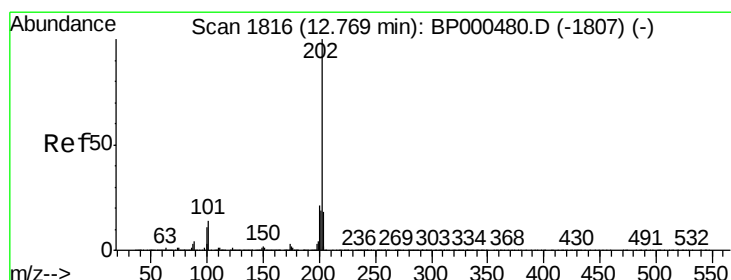
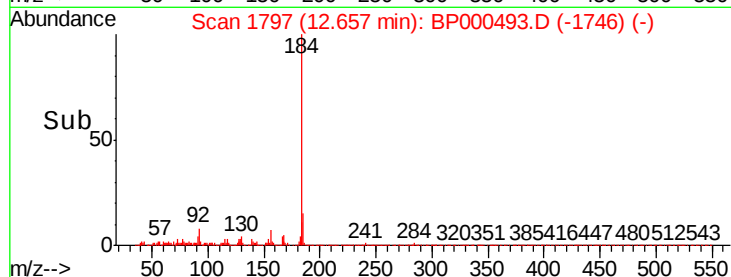
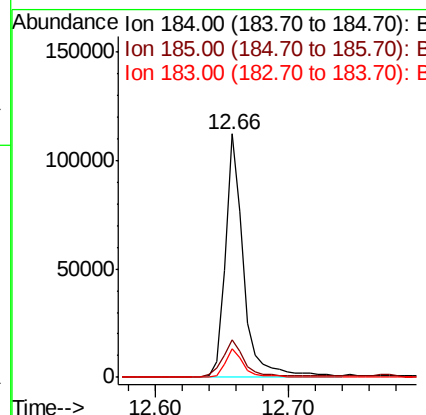
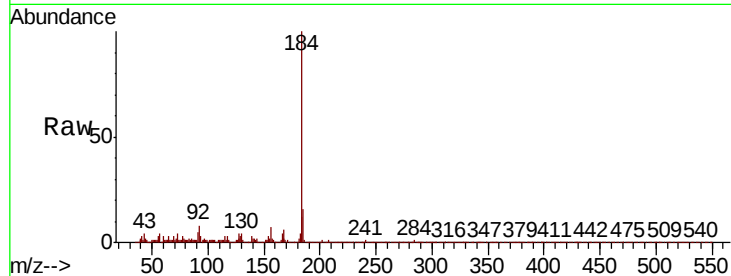
ClientSampleId :

OK-01-093019MS

Tot Ion:	184	Resp:	107427
Ion Ratio	Lower	Upper	
184	100		
185	15.5	12.7	19.1
183	11.5	9.7	14.5

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#78

Pyrene

Concen: 52.034 ng

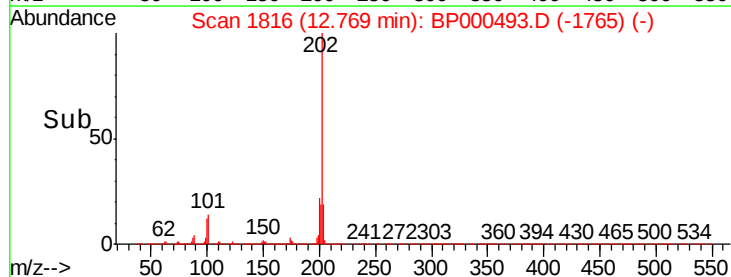
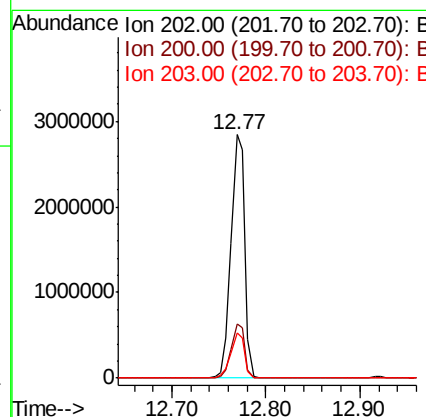
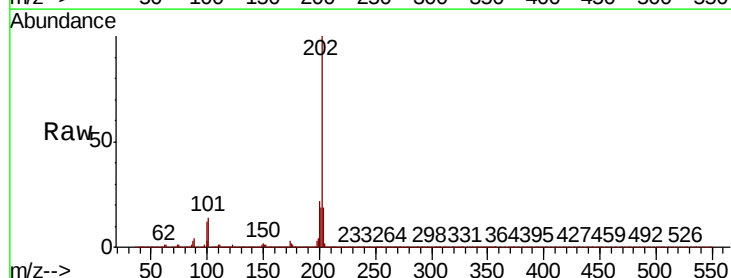
RT: 12.77 min Scan# 1816

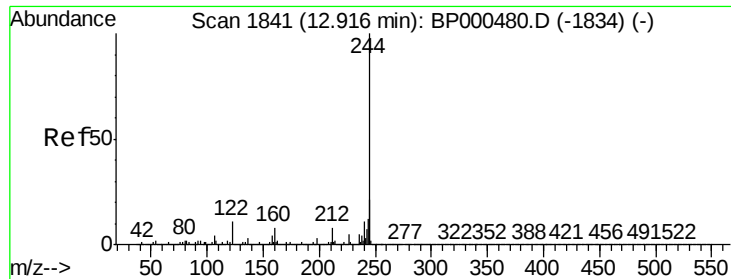
Delta R.T. 0.00 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Tgt Ion:	202	Resp:	2879345
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.1	25.7
203	18.8	14.6	21.8





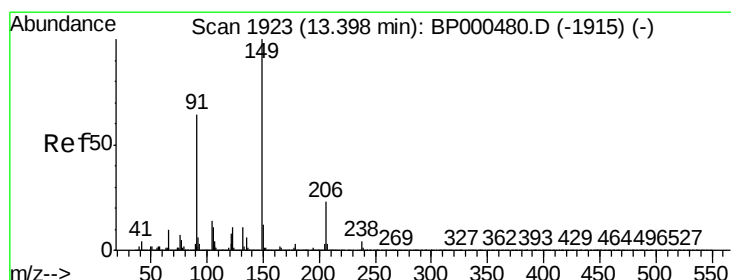
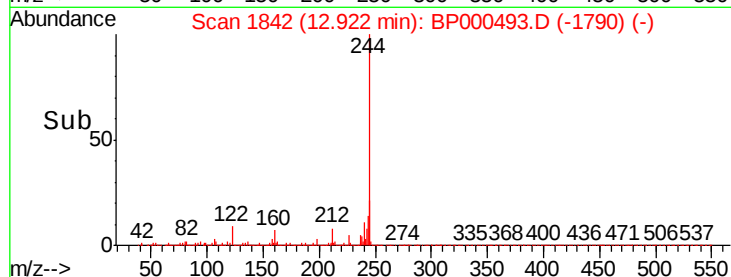
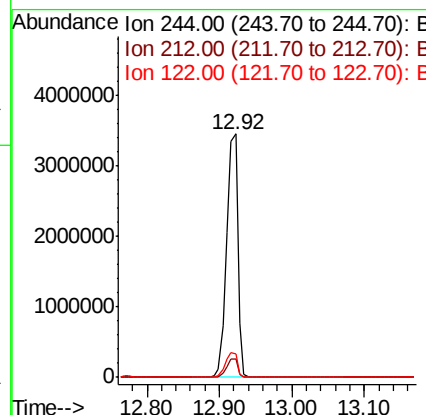
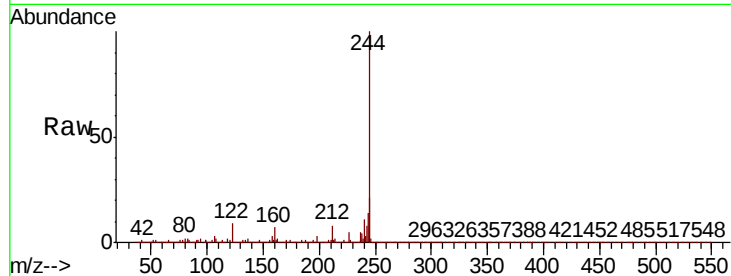
#79
Terphenyl-d14
Concen: 94.457 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	9.5	8.9	13.3

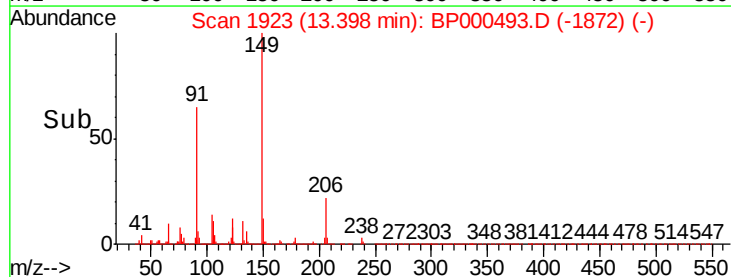
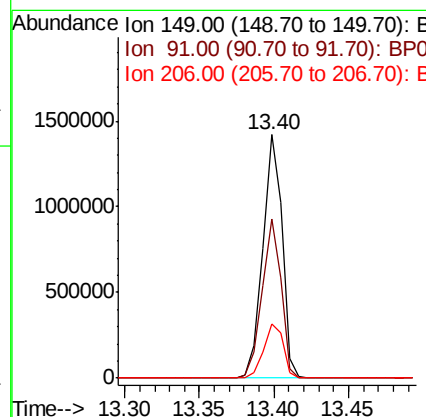
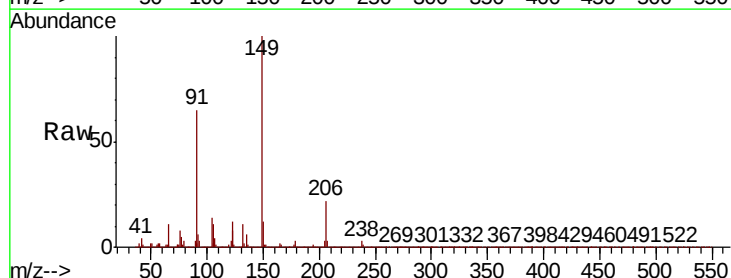
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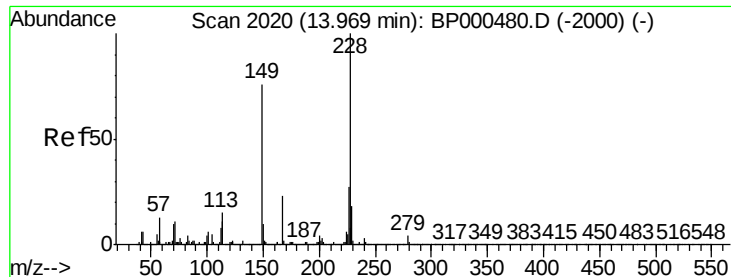
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#80
Butylbenzylphthalate
Concen: 51.937 ng
RT: 13.40 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.1	51.0	76.4
206	22.3	18.2	27.4





#81

Benzo(a)anthracene

Concen: 48.535 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

Instrument :

BNA_P

ClientSampleId :

OK-01-093019MS

Tot Ion:228 Resp: 2375909

Ion Ratio Lower Upper

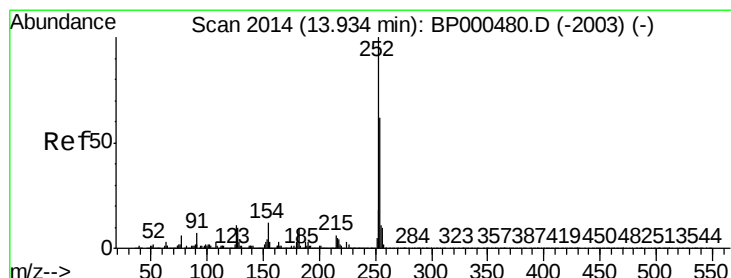
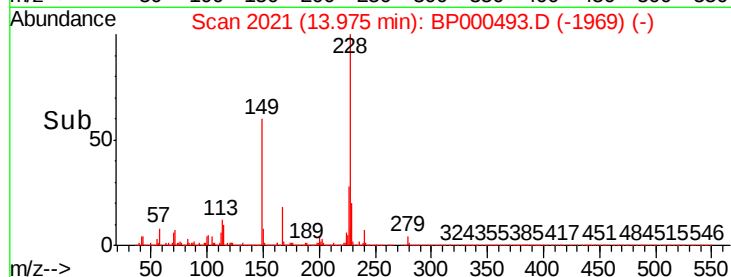
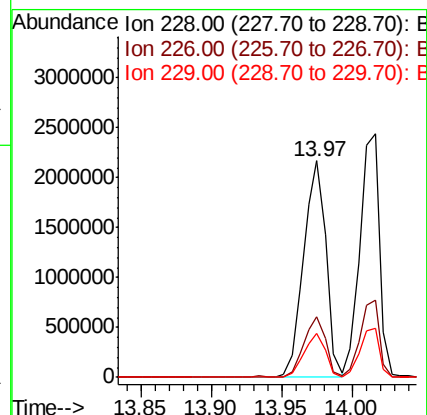
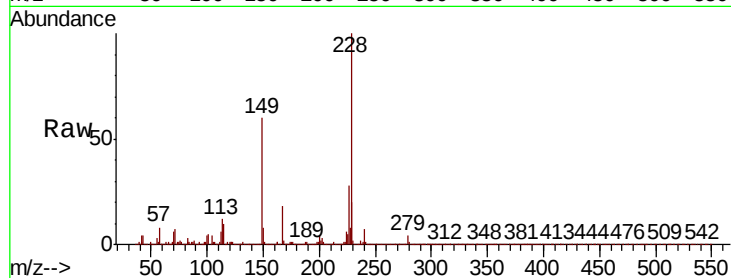
228 100

226 27.8 21.4 32.2

229 20.0 14.7 22.1

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#82

3,3'-Dichlorobenzidine

Concen: 28.564 ng

RT: 13.93 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BP000493.D

Acq: 03 Oct 2019 14:20

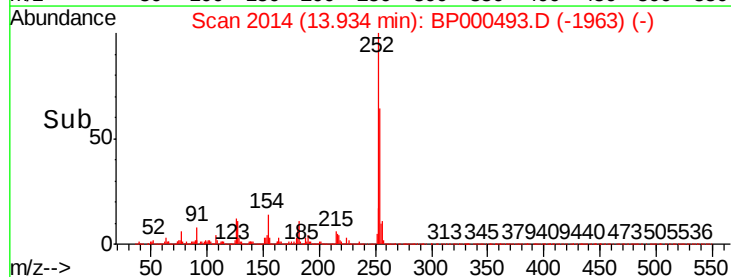
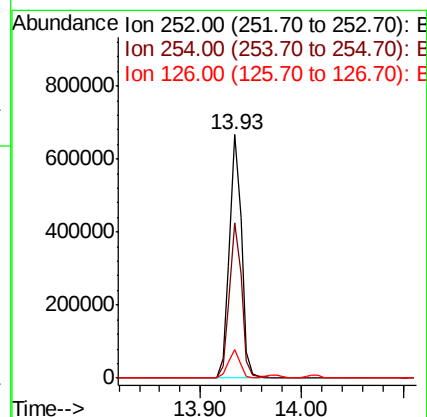
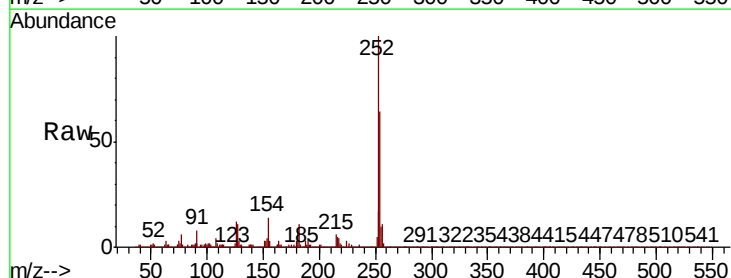
Tgt Ion:252 Resp: 555418

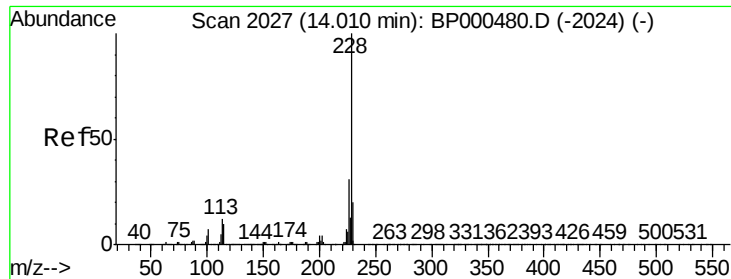
Ion Ratio Lower Upper

252 100

254 63.9 49.8 74.8

126 11.8 8.9 13.3





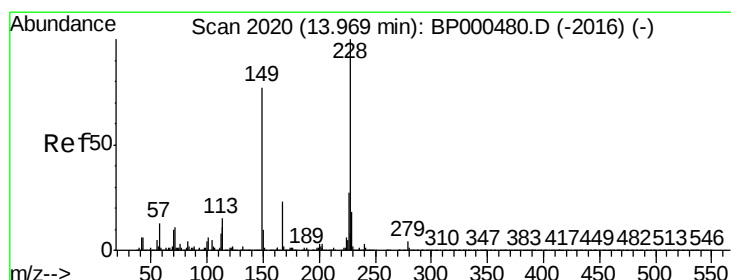
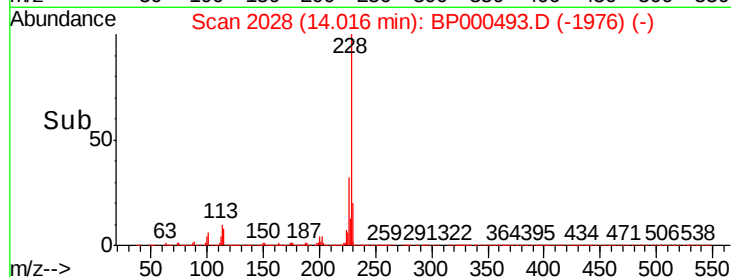
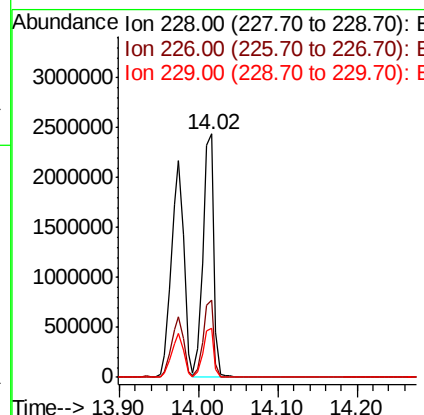
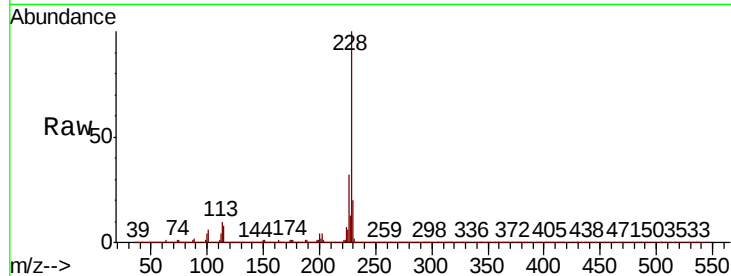
#83
Chrysene
Concen: 49.546 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion: 228 Resp: 2380544
Ion Ratio Lower Upper
228 100
226 31.6 24.7 37.1
229 20.2 16.3 24.5

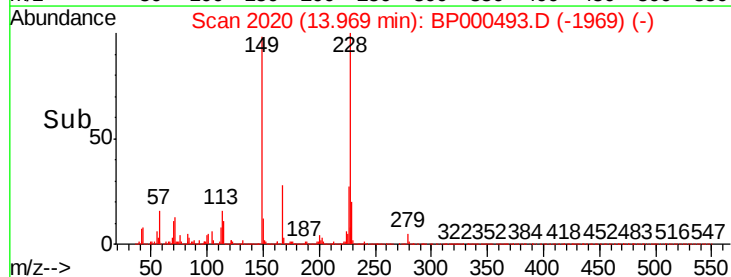
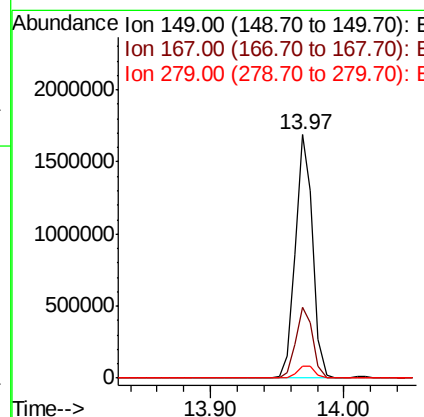
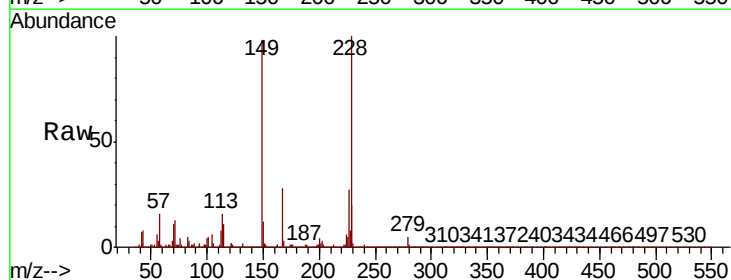
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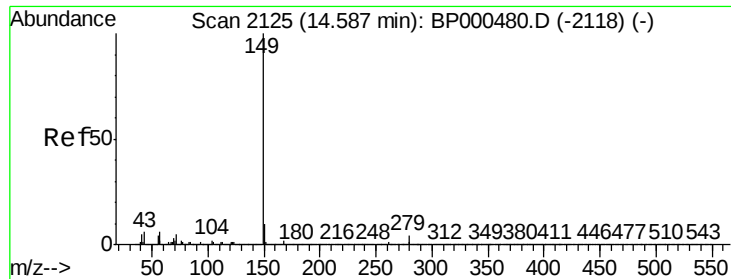
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.307 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion: 149 Resp: 1525614
Ion Ratio Lower Upper
149 100
167 29.1 23.6 35.4
279 5.0 3.9 5.9





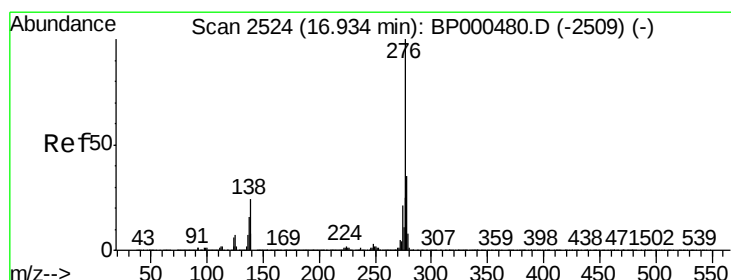
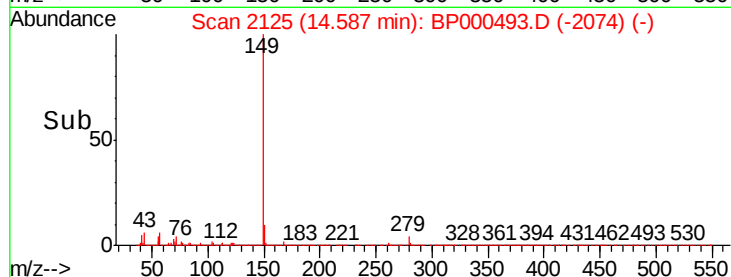
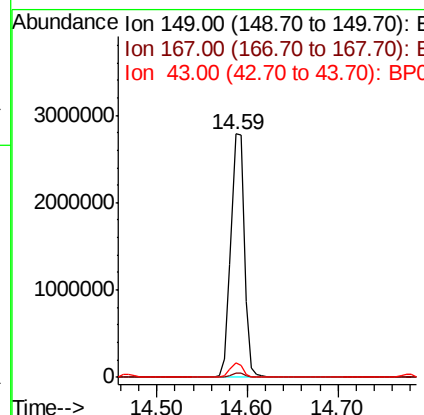
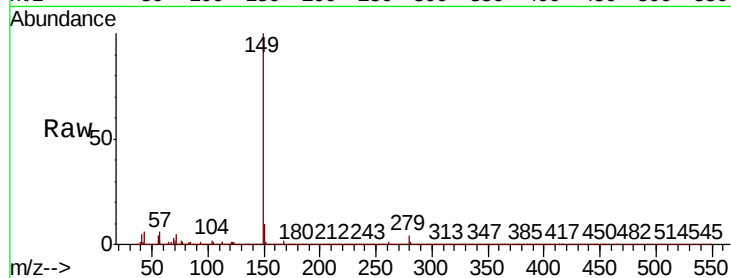
#85
Di-n-octyl phthalate
Concen: 52.455 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	5.5	4.6	7.0

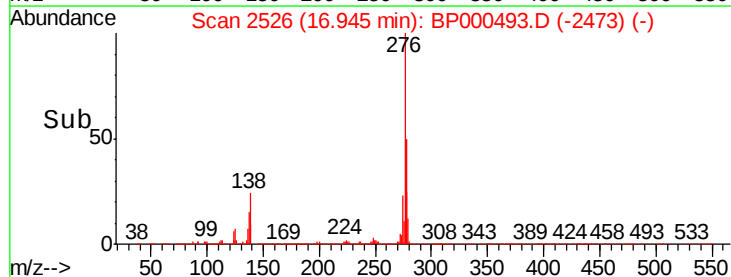
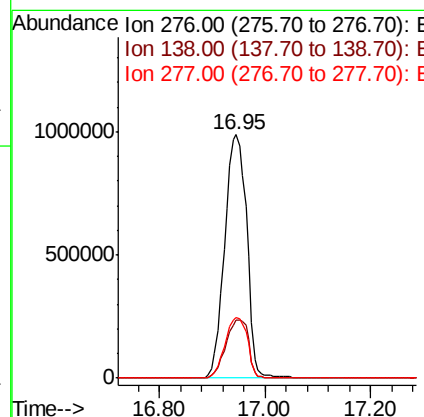
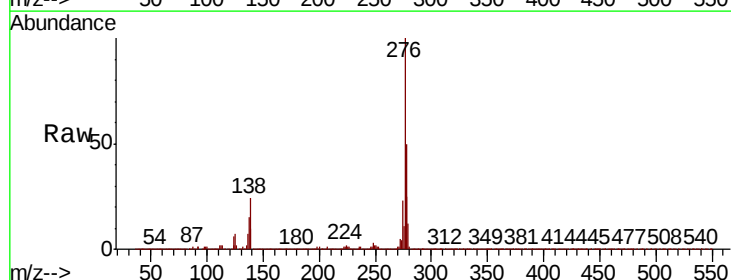
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#86
Indeno(1,2,3-cd)pyrene
Concen: 47.853 ng
RT: 16.95 min Scan# 2526
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.9	31.3
277	25.5	20.6	30.8





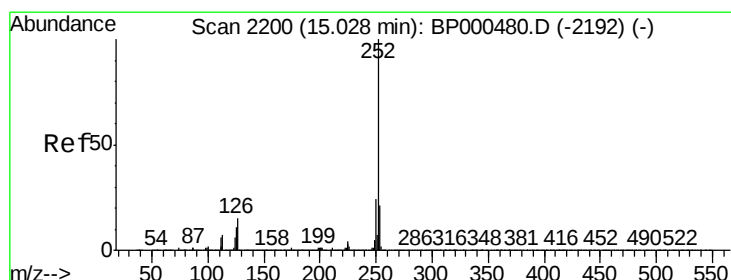
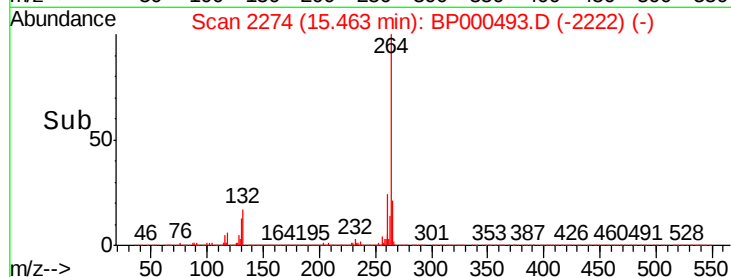
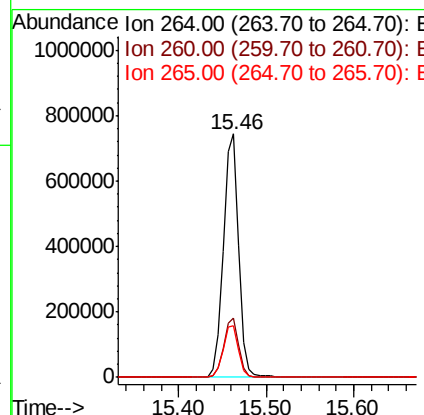
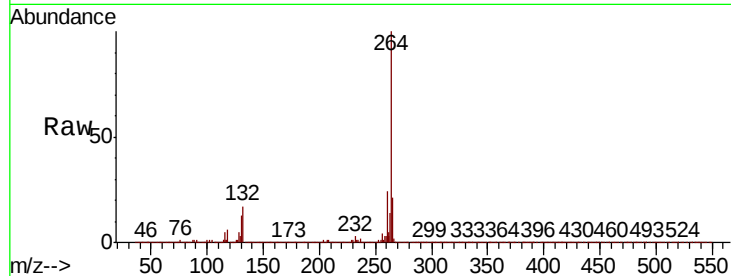
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampled :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	21.4	18.0	27.0

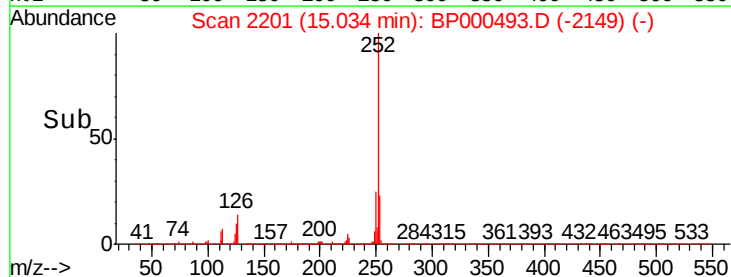
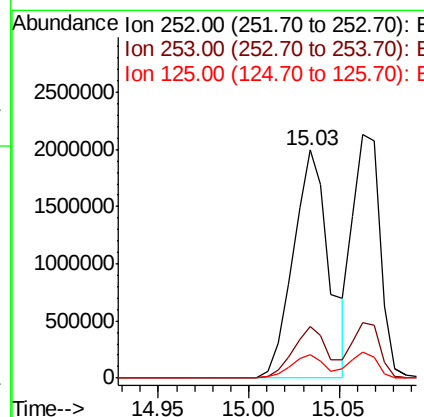
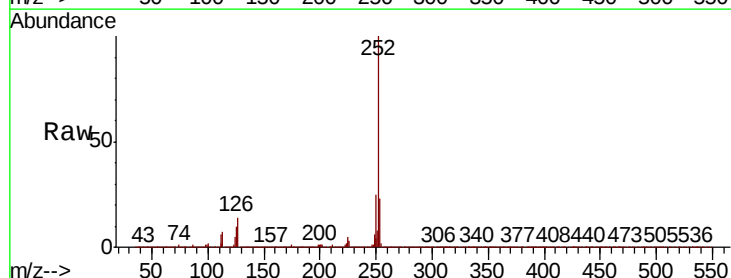
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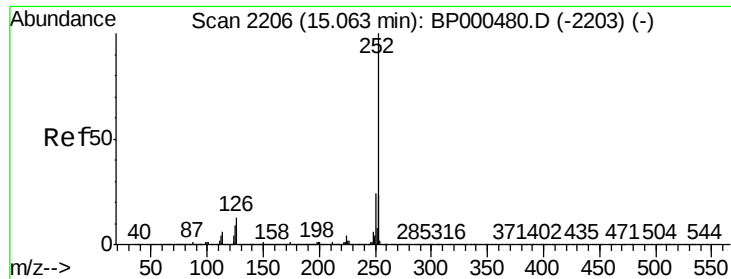
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#88
Benzo(b)fluoranthene
Concen: 53.841 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	10.5	8.9	13.3





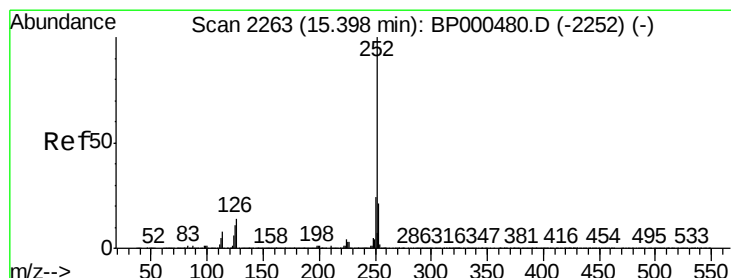
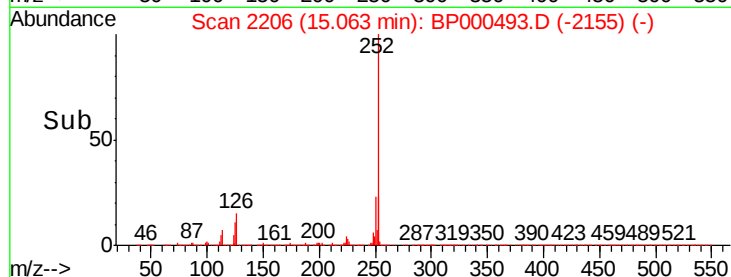
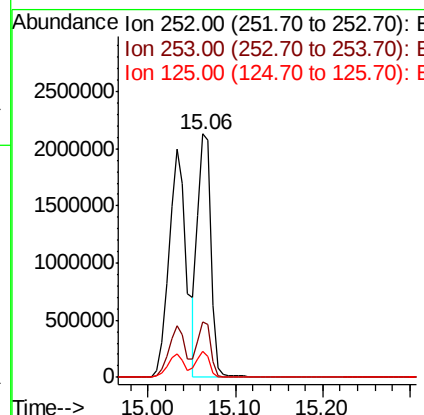
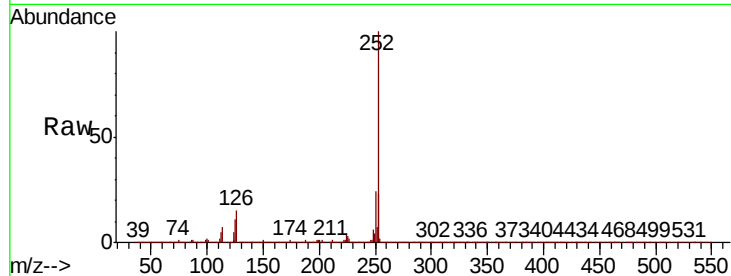
#89
Benzo(k)fluoranthene
Concen: 46.701 ng
RT: 15.06 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	10.6	7.8	11.8

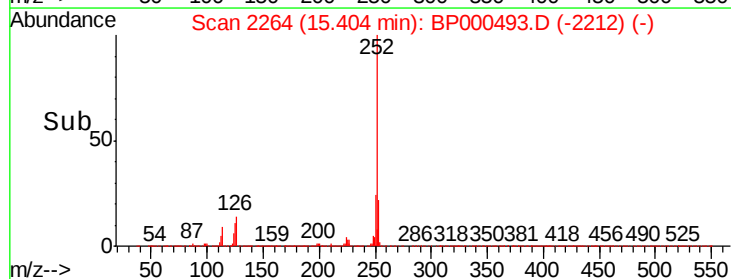
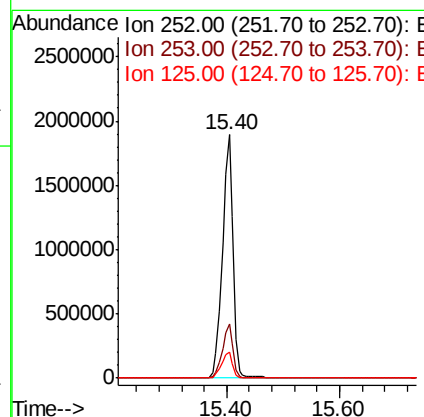
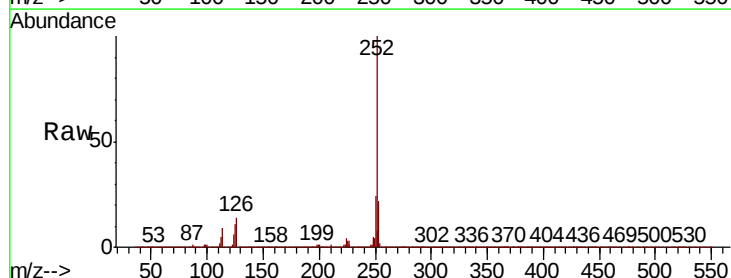
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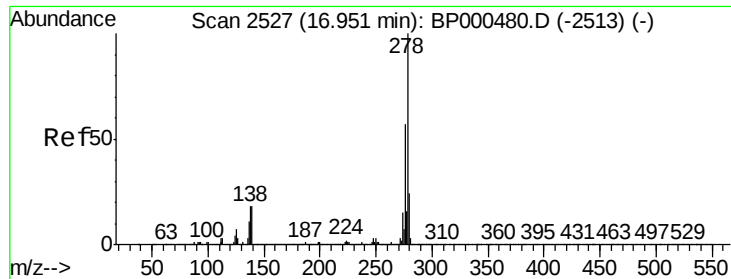
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#90
Benzo(a)pyrene
Concen: 52.050 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.9	8.4	12.6





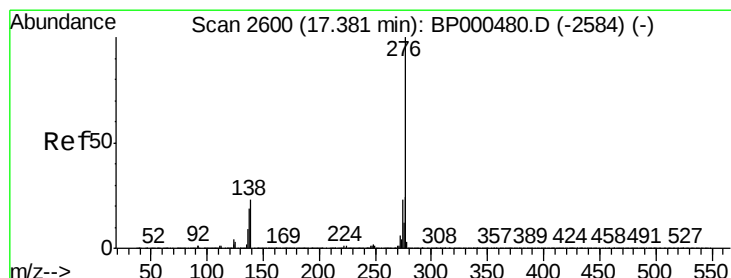
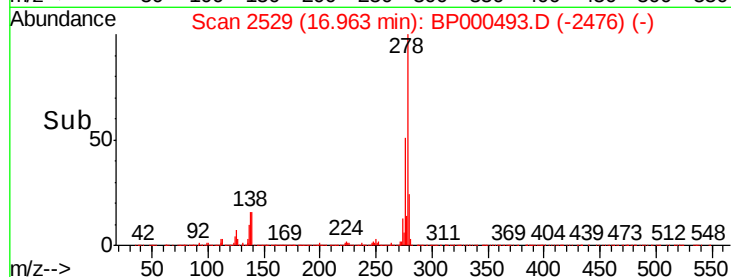
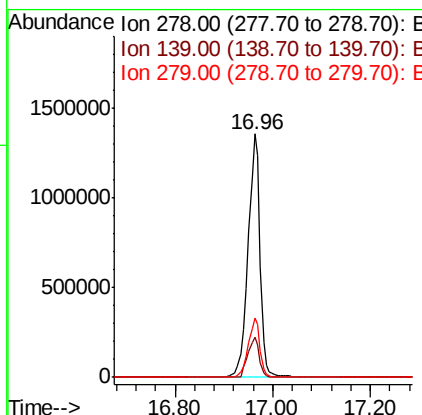
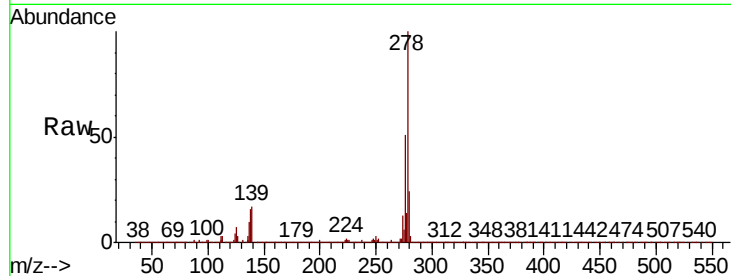
#91
Dibenzo(a,h)anthracene
Concen: 50.207 ng
RT: 16.96 min Scan# 2529
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Instrument :
BNA_P
ClientSampleId :
OK-01-093019MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	14.1	21.1
279	24.2	19.5	29.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 51.421 ng
RT: 17.39 min Scan# 2602
Delta R.T. 0.01 min
Lab File: BP000493.D
Acq: 03 Oct 2019 14:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.4	29.2
138	22.2	18.5	27.7

