

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000854.D
 Acq On : 17 Oct 2019 23:02
 Operator : JU
 Sample : K5357-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11933MS

Manual Integrations
 APPROVED

mohammad
 10/20/2019 8:16:22 PM

Quant Time: Oct 18 07:07:59 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	6.75	152	191196	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	675252	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	369791	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	681750	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	531687	20.00	ng	0.00
87) Perylene-d12	15.45	264	617058	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1062811	89.35	ng	-0.01
7) Phenol-d6	6.39	99	1326502	92.55	ng	-0.02
23) Nitrobenzene-d5	7.31	82	732501	66.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.60	330	400431	101.62	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1547888	67.73	ng	-0.02
79) Terphenyl-d14	12.90	244	1746892	66.52	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	165111	34.762	ng	99
3) Pyridine	3.22	79	398546	30.710	ng	99
4) n-Nitrosodimethylamine	3.16	42	135418	37.082	ng	98
6) Aniline	6.41	93	440563	25.301	ng	# 37
8) 2-Chlorophenol	6.54	128	487022	41.488	ng	96
9) Benzaldehyde	6.30	77	242485	32.479	ng	93
10) Phenol	6.40	94	600771	40.937	ng	90
11) bis(2-Chloroethyl)ether	6.49	93	441144	39.072	ng	96
12) 1,3-Dichlorobenzene	6.69	146	553913	38.926	ng	98
13) 1,4-Dichlorobenzene	6.76	146	561311	39.201	ng	100
14) 1,2-Dichlorobenzene	6.92	146	521730	39.465	ng	99
15) Benzyl Alcohol	6.89	79	363988	39.322	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.03	45	381019	36.585	ng	93
17) 2-Methylphenol	7.01	107	400817	41.315	ng	98
18) Hexachloroethane	7.26	117	192799	37.832	ng	93
19) n-Nitroso-di-n-propylamine	7.16	70	261091	39.519	ng	99
20) 3+4-Methylphenols	7.16	107	489133	43.088	ng	# 81
22) Acetophenone	7.16	105	647217	41.481	ng	97
24) Nitrobenzene	7.33	77	445111	41.743	ng	96
25) Isophorone	7.57	82	818533	41.715	ng	98
26) 2-Nitrophenol	7.65	139	251367	44.826	ng	96
27) 2,4-Dimethylphenol	7.69	122	410249	47.727	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	546446	40.979	ng	100
29) 2,4-Dichlorophenol	7.90	162	432285	44.478	ng	100
30) 1,2,4-Trichlorobenzene	7.98	180	482738	42.292	ng	100
31) Naphthalene	8.06	128	1379674	43.748	ng	99
32) Benzoic acid	7.82	122	185196	34.121	ng	99
33) 4-Chloroaniline	8.10	127	233461	16.860	ng	99
34) Hexachlorobutadiene	8.18	225	289384	41.951	ng	98
35) Caprolactam	8.47	113	135272m	41.554	ng	
36) 4-Chloro-3-methylphenol	8.60	107	417264	43.834	ng	98
37) 2-Methylnaphthalene	8.75	142	946786	44.721	ng	99
38) 1-Methylnaphthalene	8.85	142	875403	43.762	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	494022	42.208	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	267581	59.202	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	297760	41.327	ng	97
44) 2,4,5-Trichlorophenol	9.08	196	323363	43.469	ng	99
46) 1,1'-Biphenyl	9.22	154	1171432	41.968	ng	97
47) 2-Chloronaphthalene	9.24	162	920619	42.653	ng	98
48) 2-Nitroaniline	9.34	65	207543	39.717	ng	88
49) Acenaphthylene	9.66	152	1431835	43.970	ng	99
50) Dimethylphthalate	9.52	163	1324237	51.537	ng	100
51) 2,6-Dinitrotoluene	9.58	165	247770	44.219	ng	95
52) Acenaphthene	9.83	154	818166	41.419	ng	99
53) 3-Nitroaniline	9.75	138	150475	23.437	ng	93
54) 2,4-Dinitrophenol	9.87	184	138950	74.315	ng	96
55) Dibenzofuran	10.00	168	1288170	43.626	ng	100
56) 4-Nitrophenol	9.93	139	291390	71.087	ng	98
57) 2,4-Dinitrotoluene	9.99	165	315688	42.491	ng	99
58) Fluorene	10.35	166	977468	46.447	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	268243	42.656	ng	97
60) Diethylphthalate	10.23	149	1029100	42.191	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	528105	46.666	ng	97
62) 4-Nitroaniline	10.37	138	247415	40.068	ng	97
63) Azobenzene	10.50	77	821931	43.891	ng	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	129466	42.839	ng	89
66) n-Nitrosodiphenylamine	10.46	169	878856	44.261	ng	97
67) 4-Bromophenyl-phenylether	10.84	248	333611	43.471	ng	98
68) Hexachlorobenzene	10.91	284	362863	41.609	ng	99
69) Atrazine	11.00	200	282263	43.318	ng	99
70) Pentachlorophenol	11.11	266	265830	75.893	ng	97
71) Phenanthrene	11.32	178	1491603	43.564	ng	100
72) Anthracene	11.37	178	1507071	44.392	ng	100
73) Carbazole	11.53	167	1362574	43.297	ng	98
74) Di-n-butylphthalate	11.87	149	1644553	42.898	ng	100
75) Fluoranthene	12.53	202	1680636	43.705	ng	97
77) Benzidine	12.65	184	659430	42.830	ng	100
78) Pyrene	12.76	202	1676570	45.720	ng	99
80) Butylbenzylphthalate	13.39	149	702115	43.939	ng	97
81) Benzo(a)anthracene	13.96	228	1405332	43.320	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	449661	34.896	ng	97
83) Chrysene	14.00	228	1389349	43.635	ng	99
84) Bis(2-ethylhexyl)phthalate	13.96	149	913930	45.476	ng	98
85) Di-n-octyl phthalate	14.58	149	1669498	45.832	ng	99
86) Indeno(1,2,3-cd)pyrene	16.93	276	1719350	43.229	ng	98
88) Benzo(b)fluoranthene	15.03	252	1540685	44.010	ng	97
89) Benzo(k)fluoranthene	15.06	252	1411102	42.339	ng	98
90) Benzo(a)pyrene	15.39	252	1468407	44.997	ng	99
91) Dibenzo(a,h)anthracene	16.95	278	1409424	44.531	ng	98
92) Benzo(g,h,i)perylene	17.38	276	1439060	44.745	ng	97

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

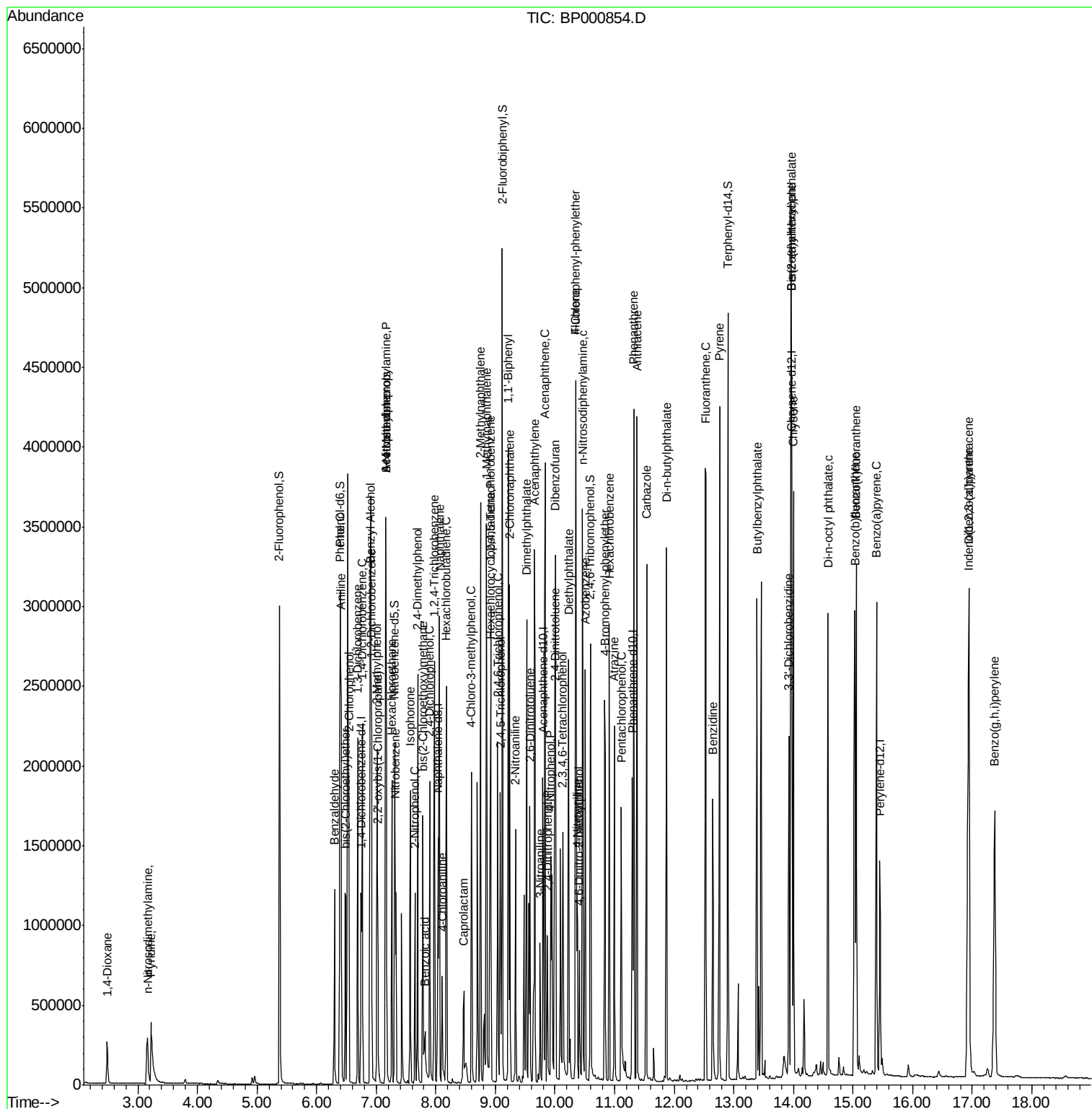
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
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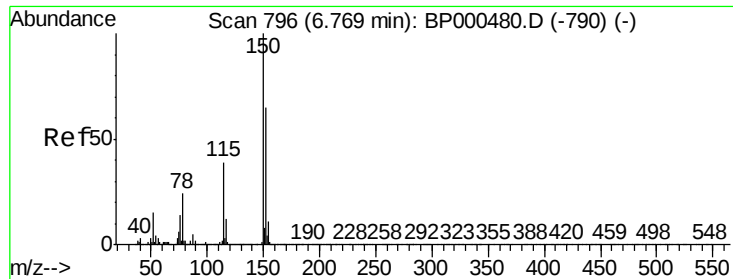
Instrument :
BNA_P
ClientSampled :
72-11933MS

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#1

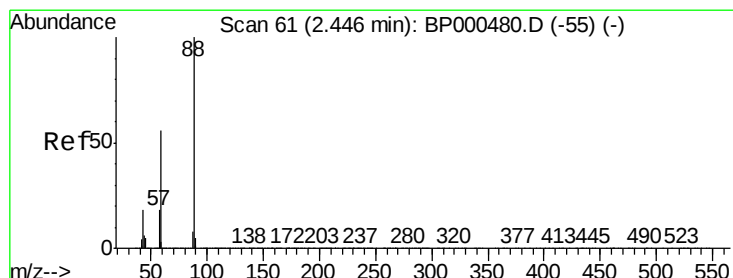
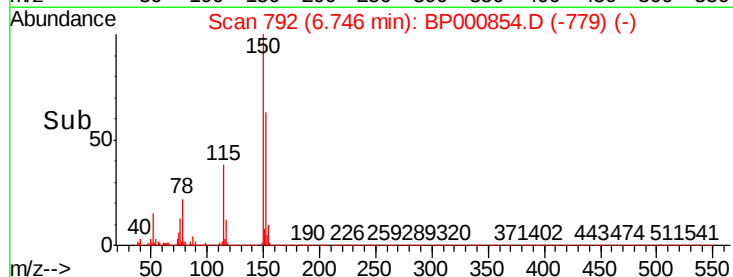
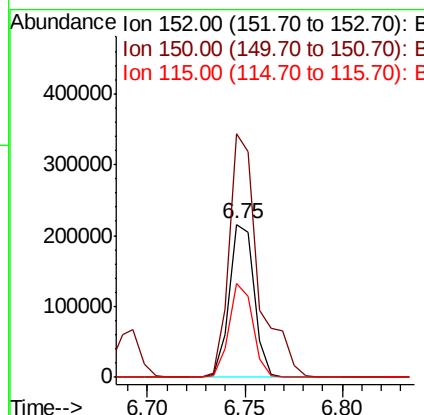
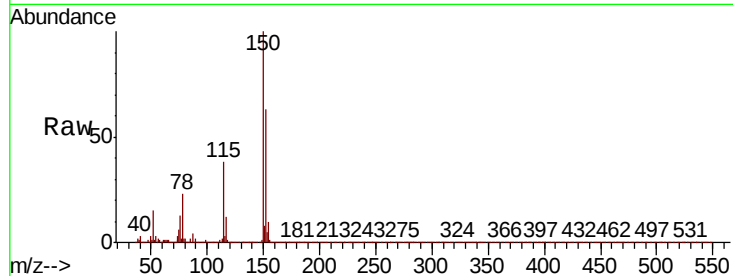
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	124.1	186.1
115	60.9	48.7	73.1

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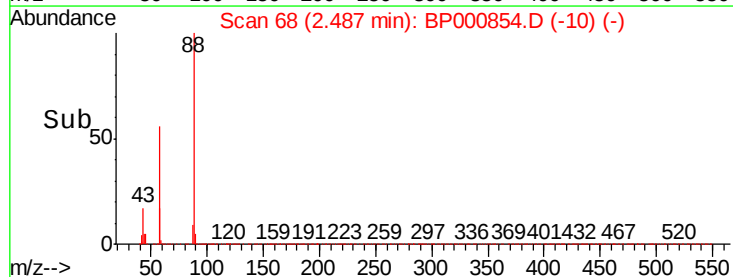
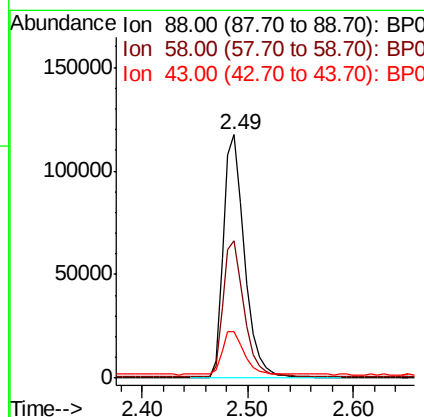
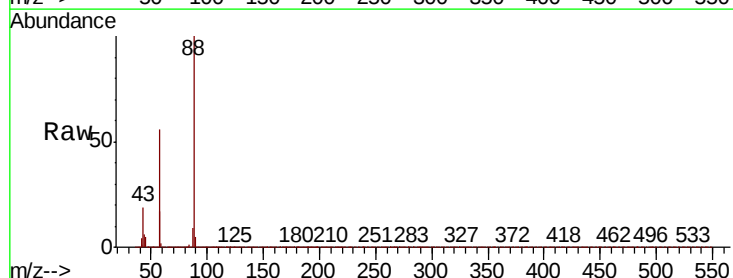
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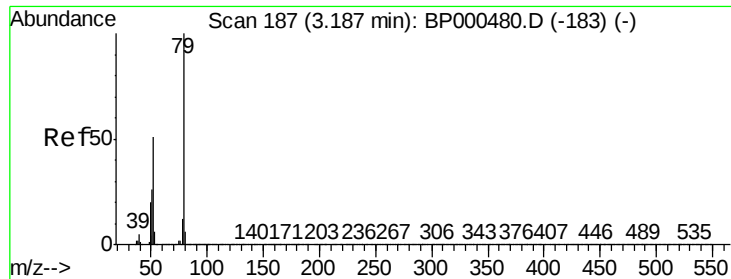


#2

1,4-Dioxane
Concen: 34.762 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.04 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	45.3	67.9
43	18.3	14.5	21.7





#3

Pvridine

Concen: 30.710 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.03 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

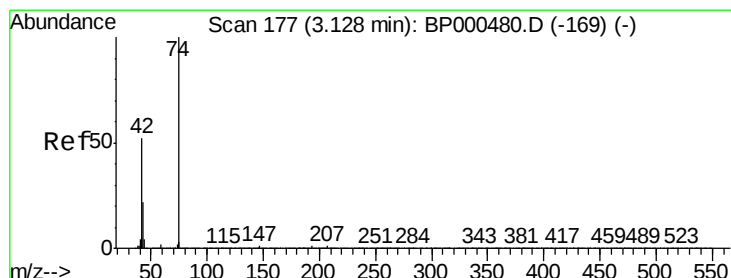
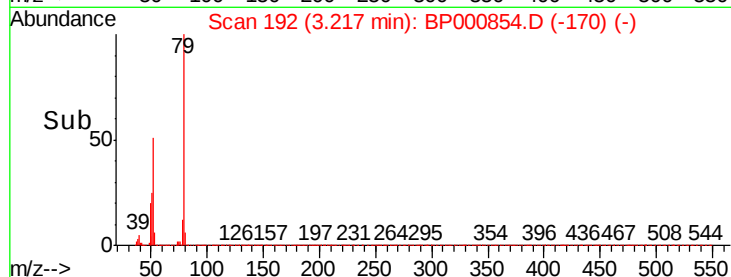
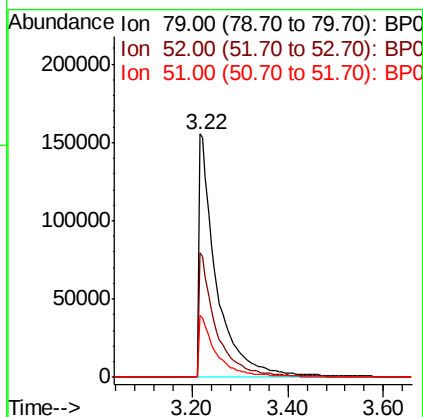
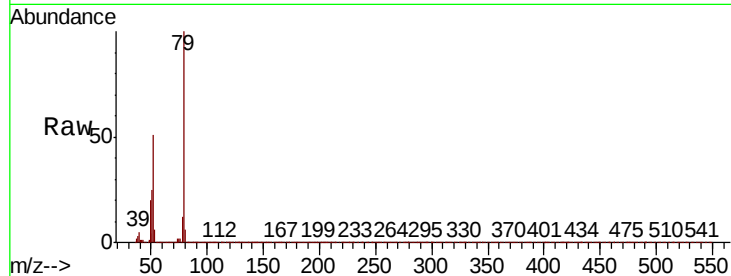
ClientSampleId :

72-11933MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		398546		
52	51.3	40.7	61.1		
51	25.3	20.5	30.7		

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#4

n-Nitrosodimethylamine

Concen: 37.082 ng

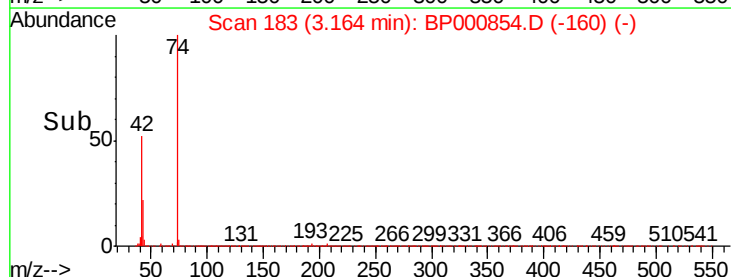
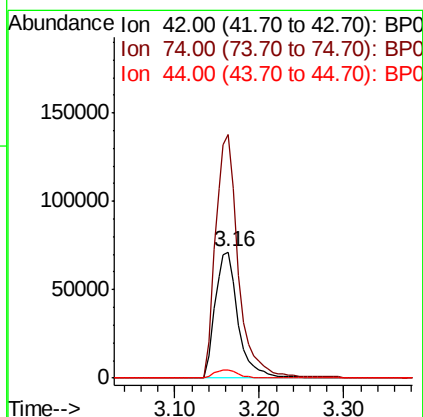
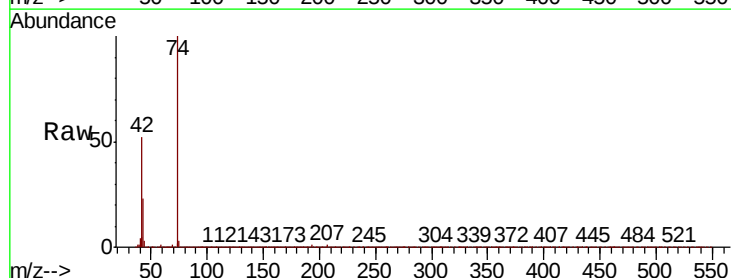
RT: 3.16 min Scan# 183

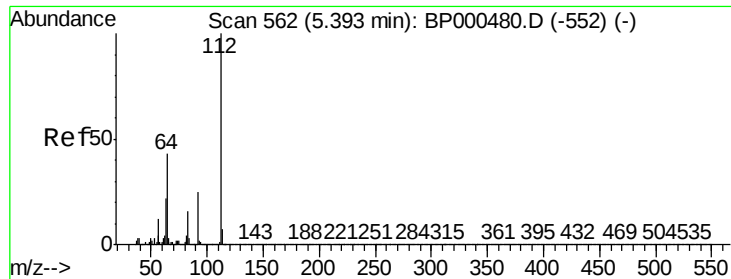
Delta R.T. 0.04 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		135418		
74	192.9	152.4	228.6		
44	6.6	5.6	8.4		





#5

2-Fluorophenol

Concen: 89.354 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

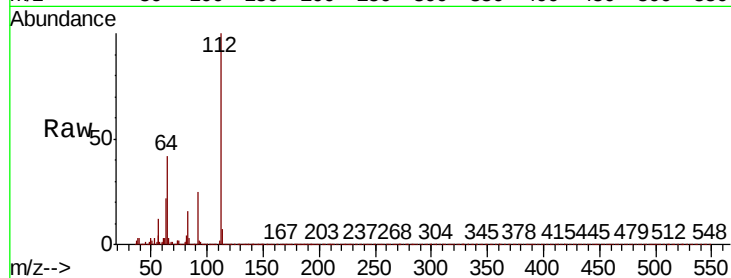
ClientSampleId :

72-11933MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	42.1	34.2	51.4
63	21.6	17.9	26.9

Manual Integrations
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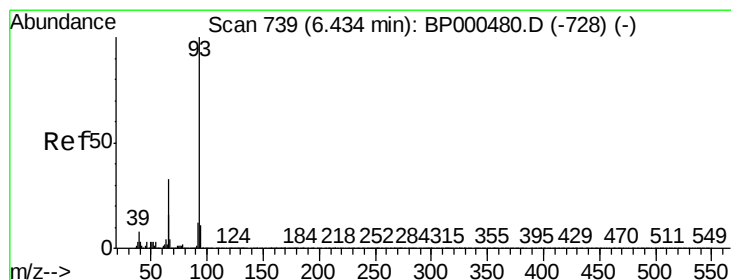
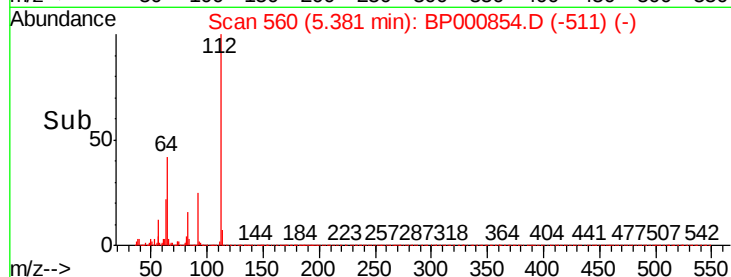
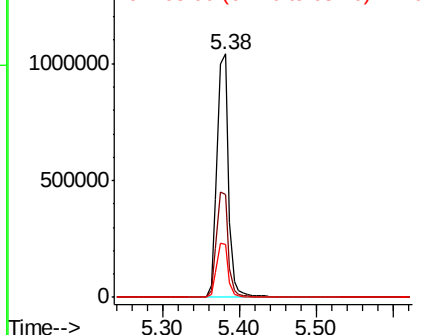
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 25.301 ng

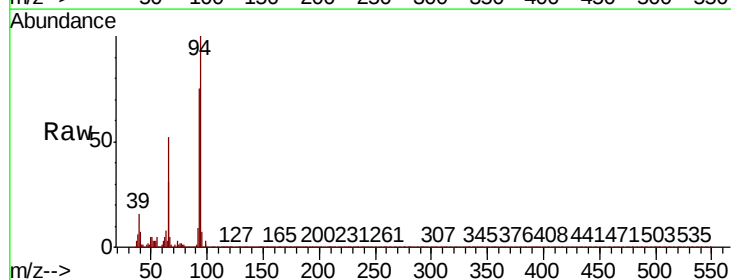
RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

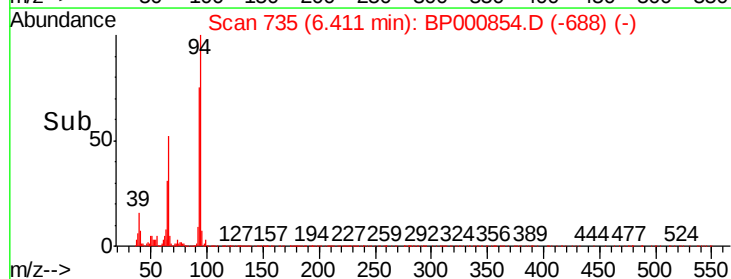
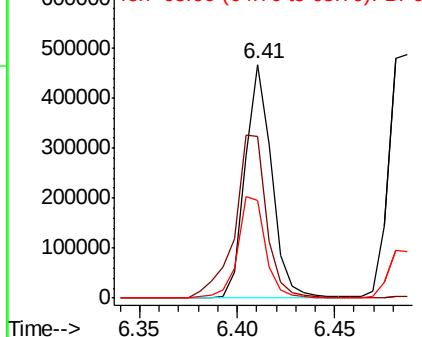
Tgt Ion	Ratio	Lower	Upper
93	100		
66	69.3	26.3	39.5#
65	41.9	13.2	19.8#

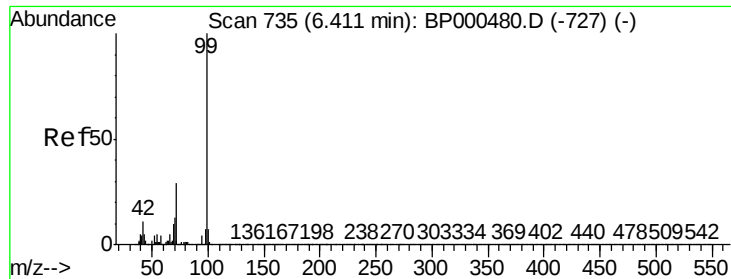


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 92.547 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

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ClientSampleId :

72-11933MS

Tot Ion: 99 Resp: 1326502

Ion Ratio Lower Upper

99 100

42 11.1 8.6 12.8

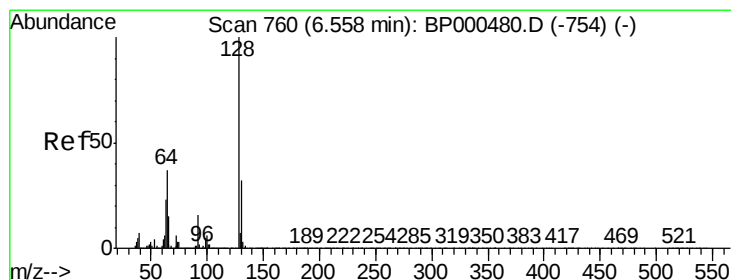
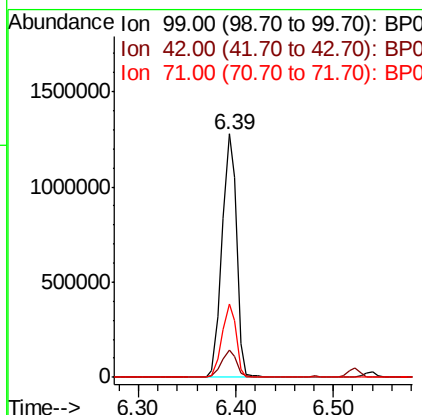
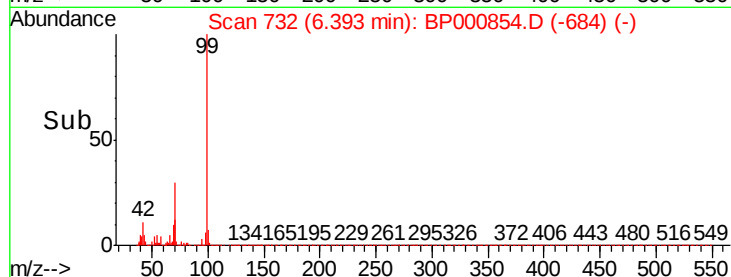
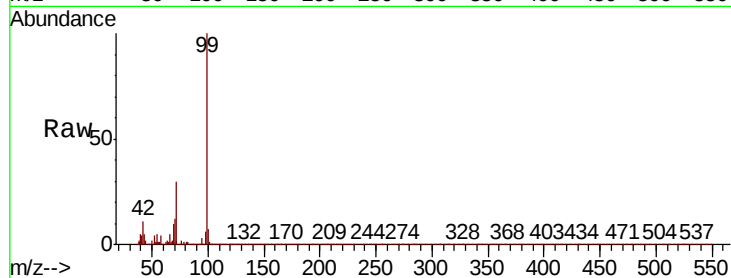
71 30.2 23.0 34.4

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#8

2-Chlorophenol

Concen: 41.488 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

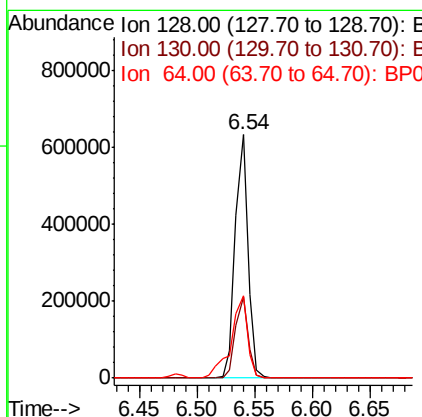
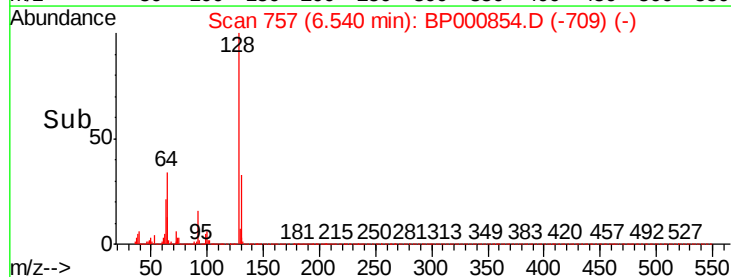
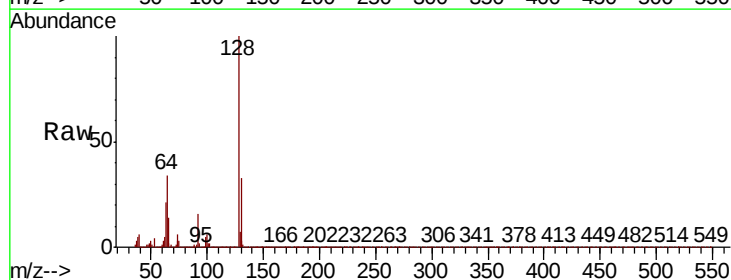
Tgt Ion: 128 Resp: 487022

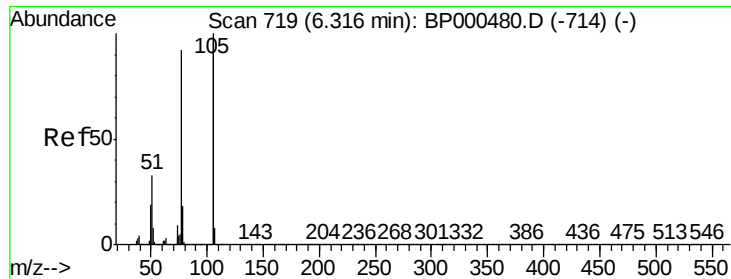
Ion Ratio Lower Upper

128 100

130 33.3 12.2 52.2

64 33.7 17.2 57.2





#9

Benzaldehyde

Concen: 32.479 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

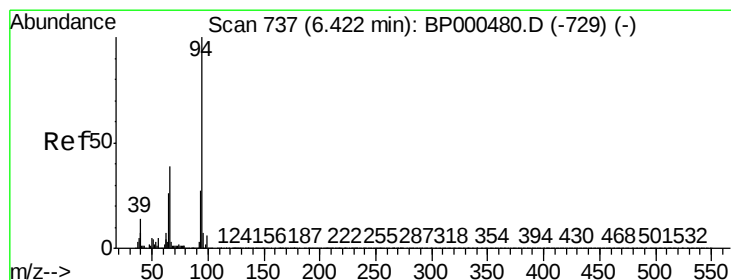
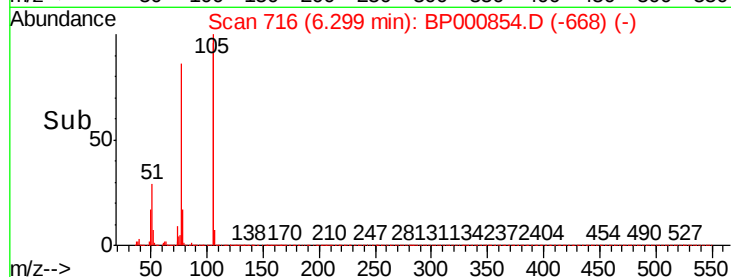
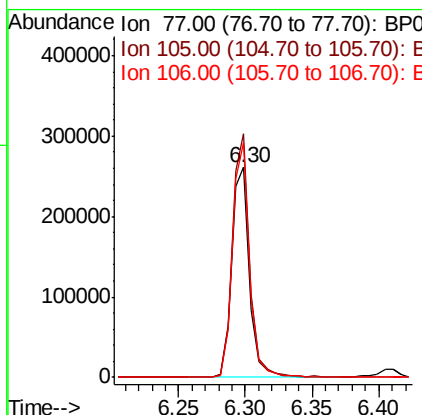
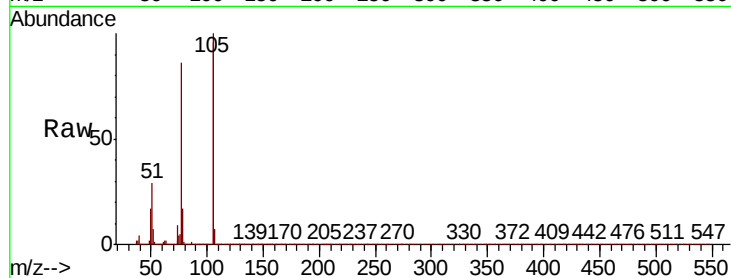
ClientSampleId :

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Tot Ion:	77	Resp:	242485
Ion Ratio	Lower	Upper	
77	100		
105	115.8	88.3	128.3
106	111.7	85.7	125.7

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#10

Phenol

Concen: 40.937 ng

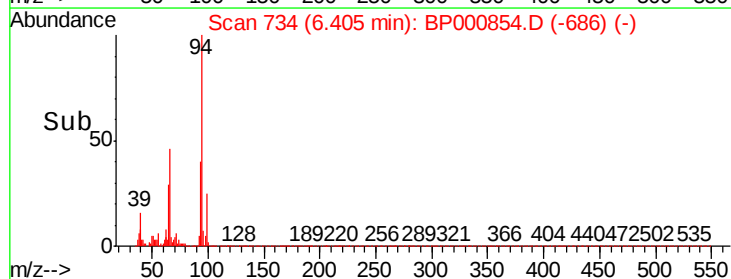
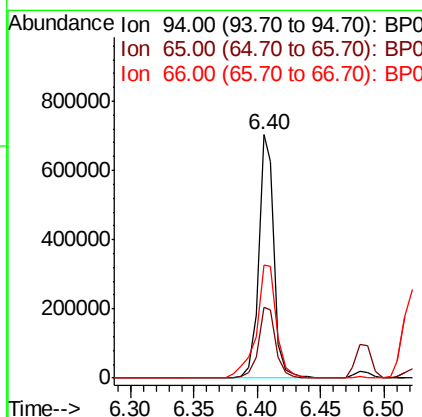
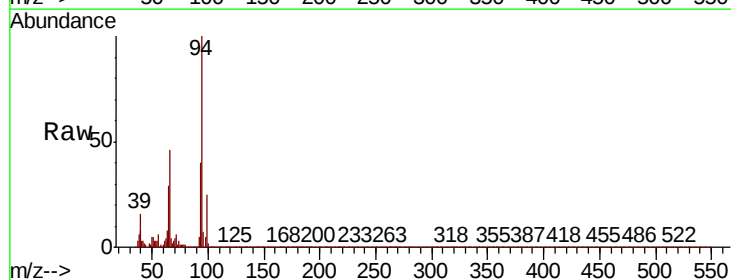
RT: 6.40 min Scan# 734

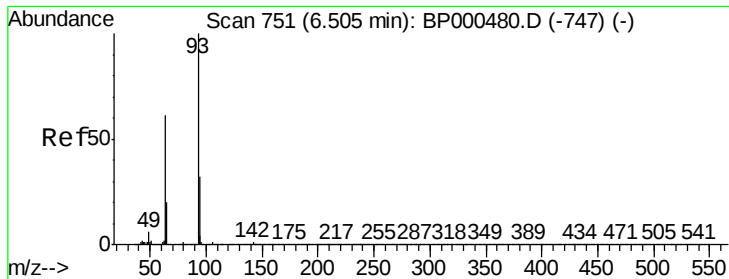
Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Tgt Ion:	94	Resp:	600771
Ion Ratio	Lower	Upper	
94	100		
65	29.0	5.9	45.9
66	46.5	18.8	58.8





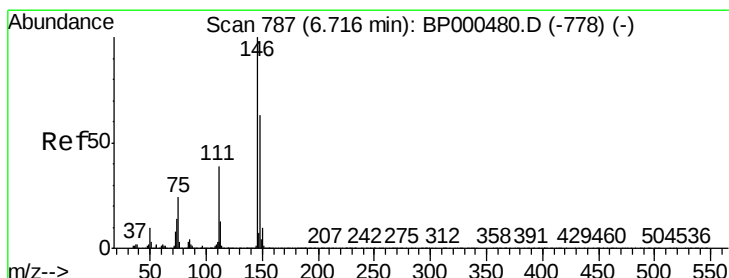
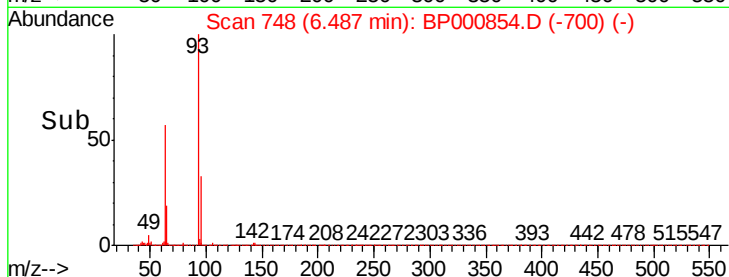
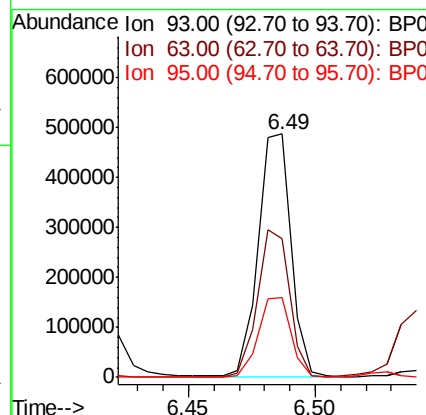
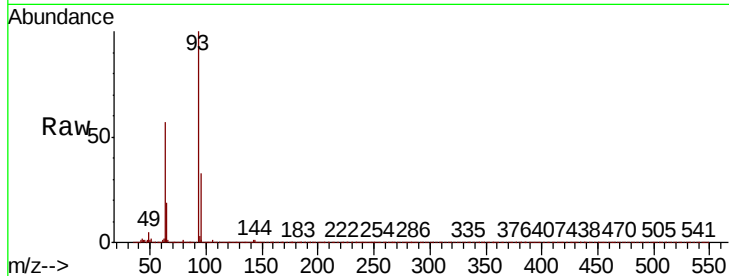
#11
bis(2-Chloroethyl)ether
Concen: 39.072 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion:	93	Resp:	441144
Ion Ratio	Lower	Upper	
93	100		
63	56.9	41.1	81.1
95	32.6	12.2	52.2

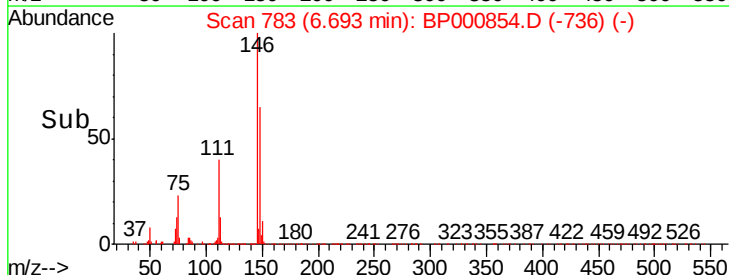
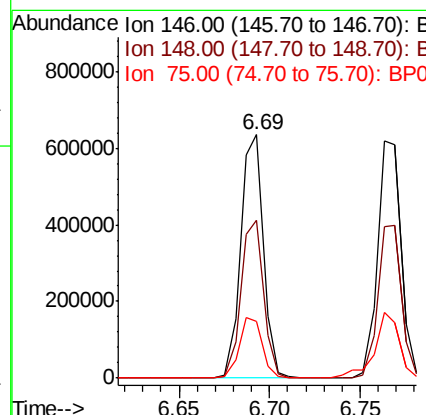
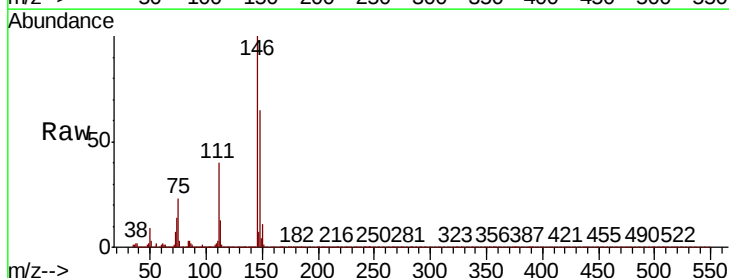
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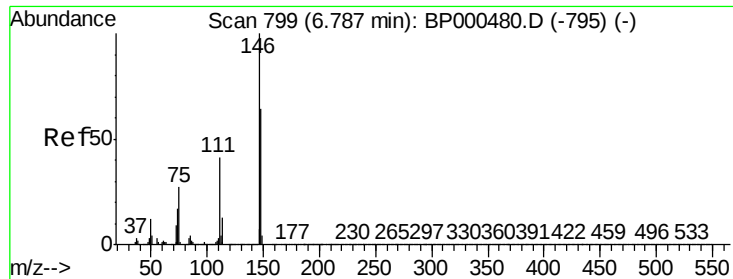
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.926 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion:	146	Resp:	553913
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.7	76.1
75	23.2	19.1	28.7





#13

1,4-Dichlorobenzene

Concen: 39.201 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

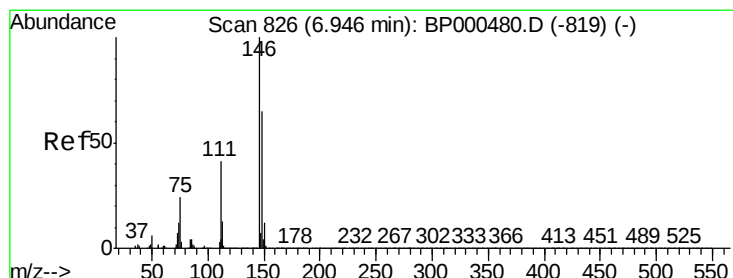
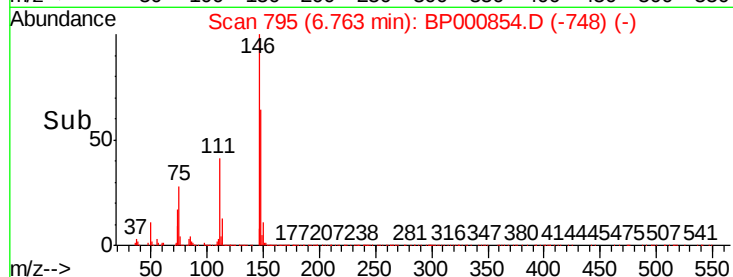
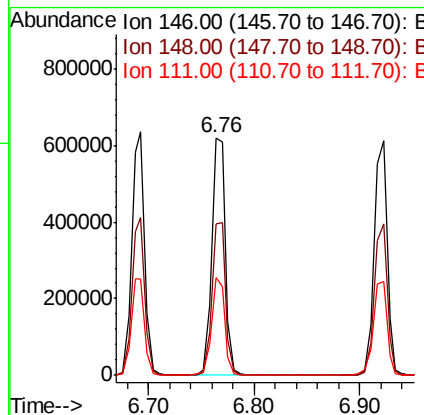
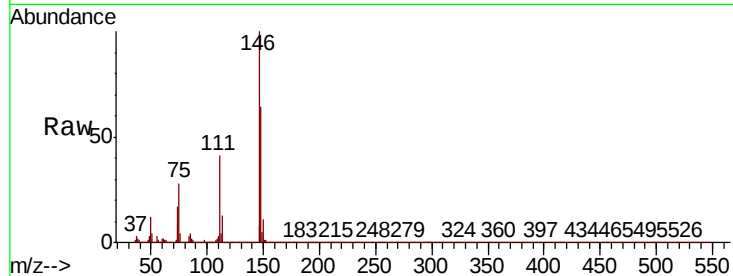
ClientSampleId :

72-11933MS

Tot Ion:	146	Resp:	561311
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.1	76.7
111	40.9	33.0	49.4

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#14

1,2-Dichlorobenzene

Concen: 39.465 ng

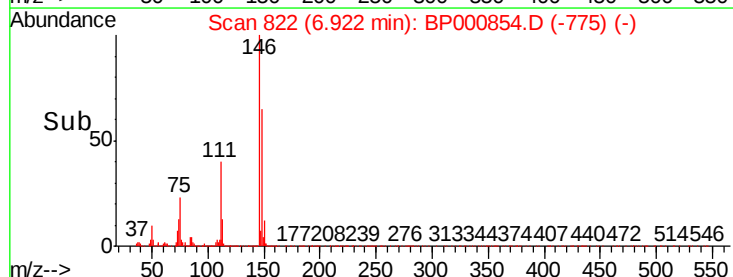
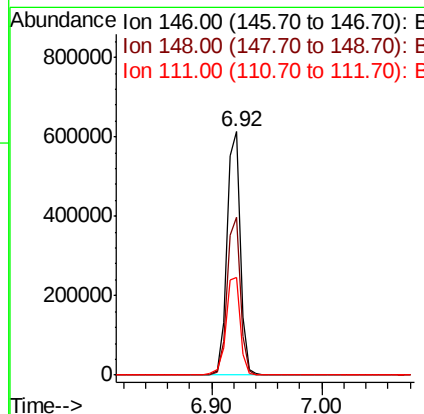
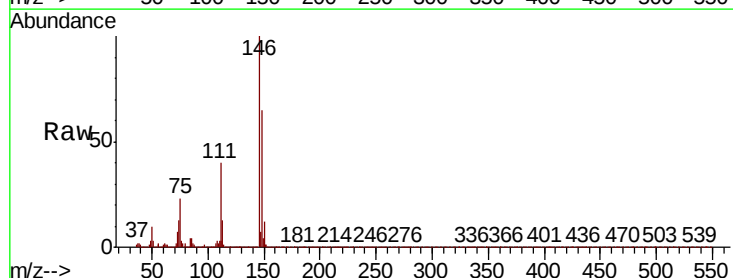
RT: 6.92 min Scan# 822

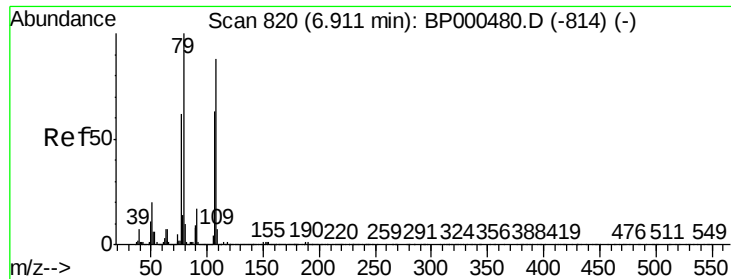
Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Tgt Ion:	146	Resp:	521730
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.6
111	39.9	32.8	49.2





#15

Benzyl Alcohol

Concen: 39.322 ng

RT: 6.89 min Scan# 817

Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

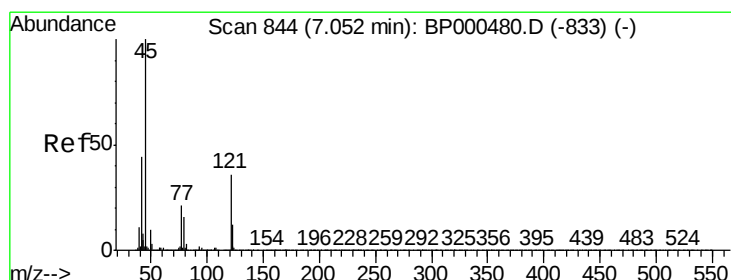
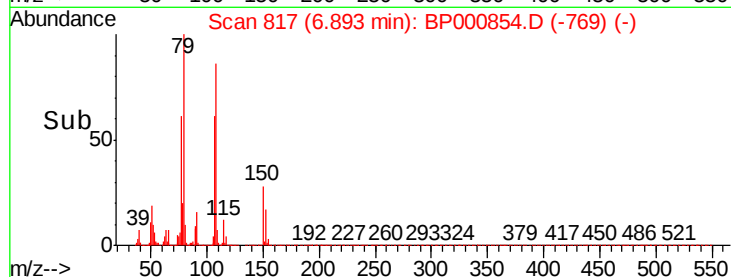
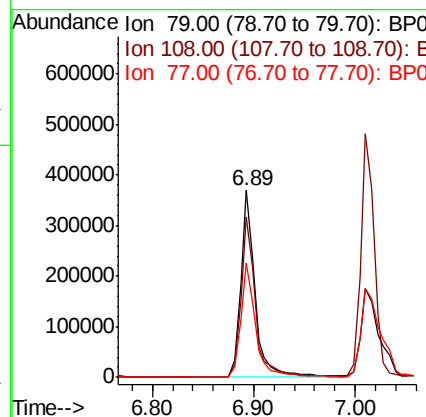
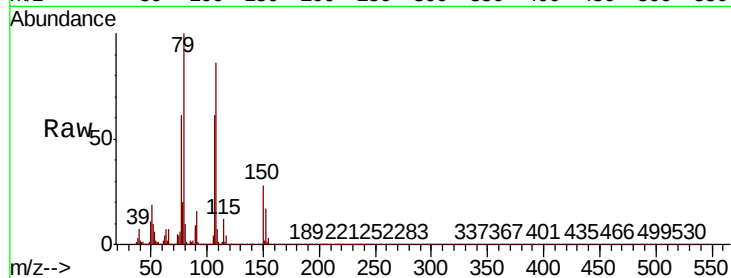
ClientSampleId :

72-11933MS

Tot Ion:	79	Resp:	363988
Ion Ratio	Lower	Upper	
79	100		
108	85.6	70.8	106.2
77	61.3	50.0	75.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.585 ng

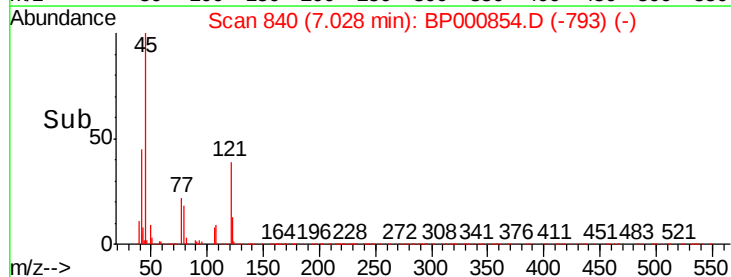
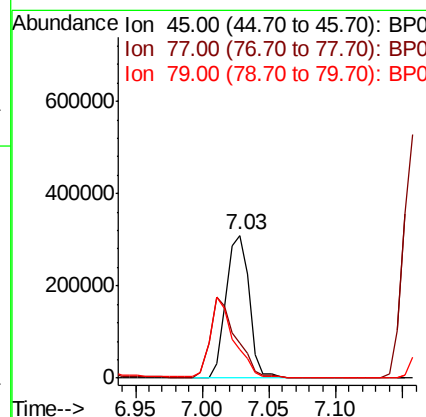
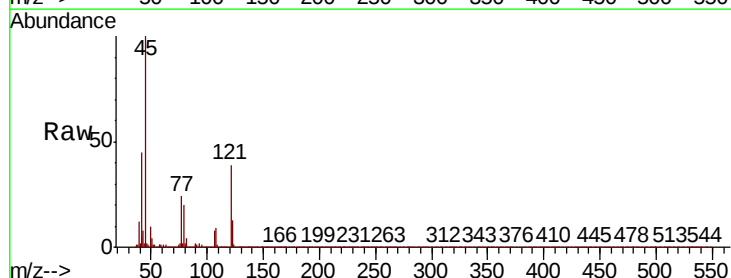
RT: 7.03 min Scan# 840

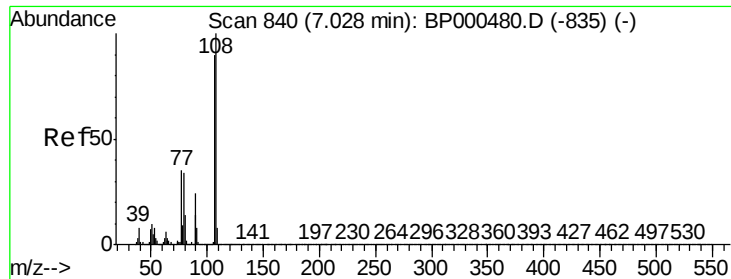
Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Tgt Ion:	45	Resp:	381019
Ion Ratio	Lower	Upper	
45	100		
77	24.1	1.1	41.1
79	19.7	0.0	36.8





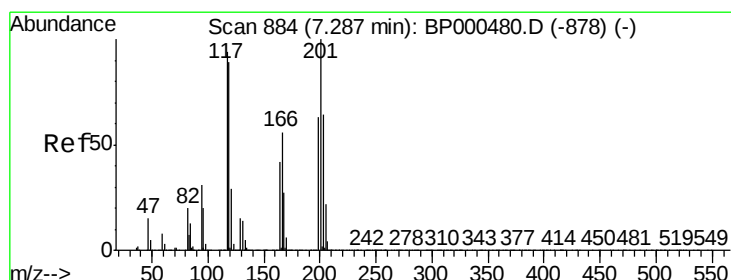
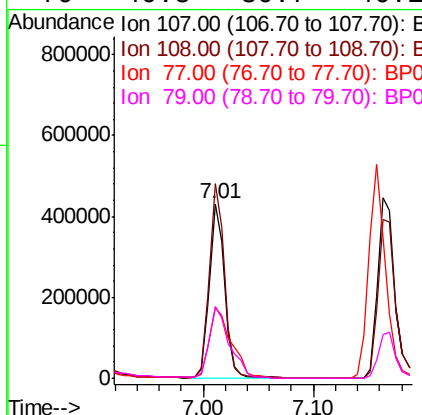
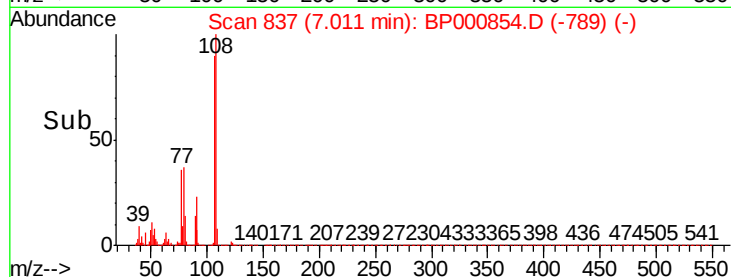
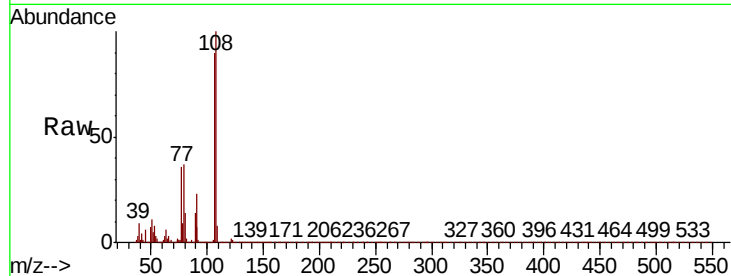
#17
2-Methylphenol
Concen: 41.315 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	89.0	133.4	
77	40.6	31.2	46.8	
79	40.8	30.7	46.1	

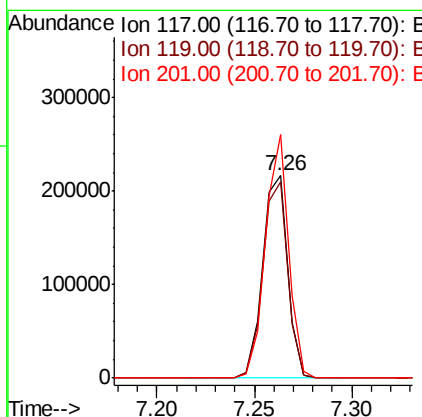
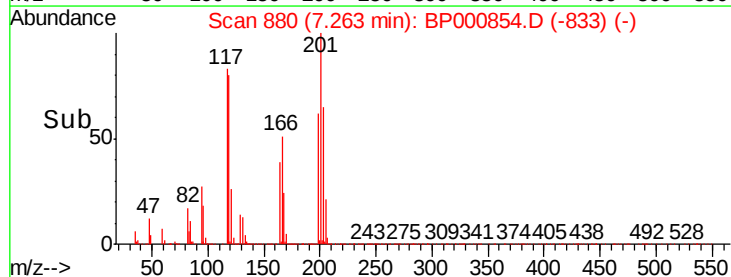
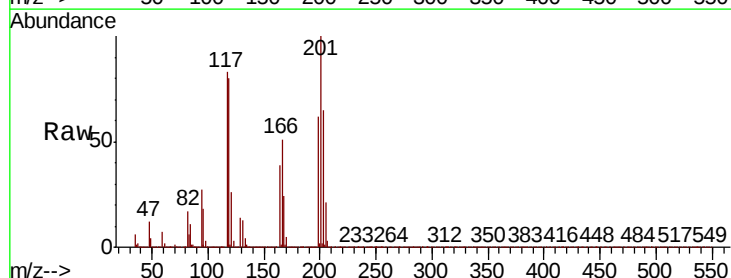
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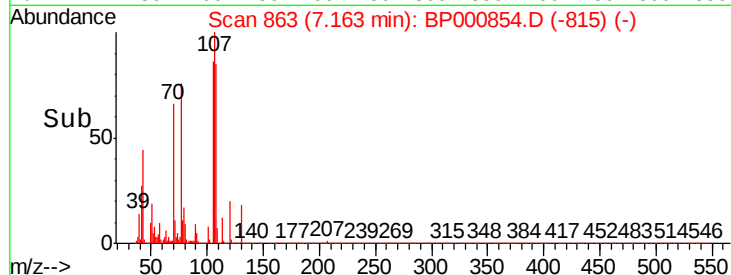
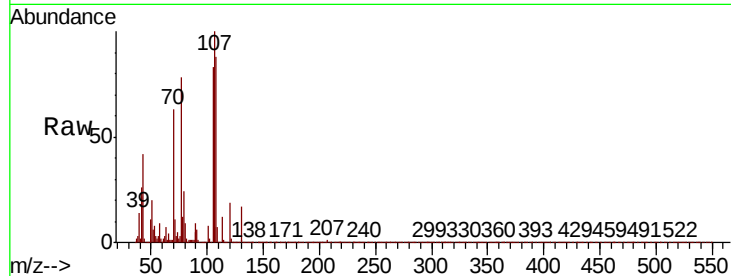
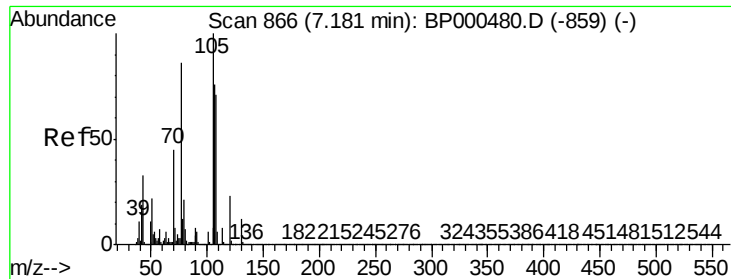
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#18
Hexachloroethane
Concen: 37.832 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	76.3	114.5	
201	120.2	85.4	128.0	





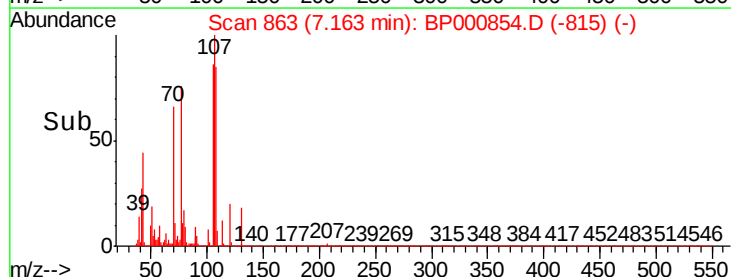
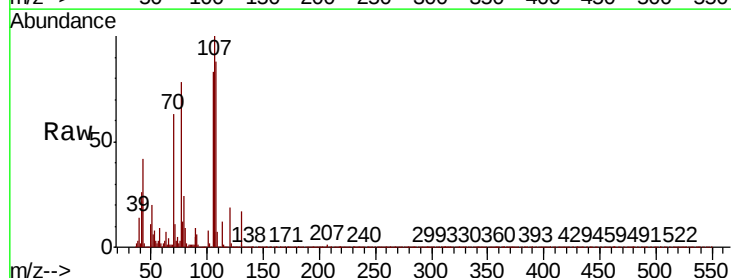
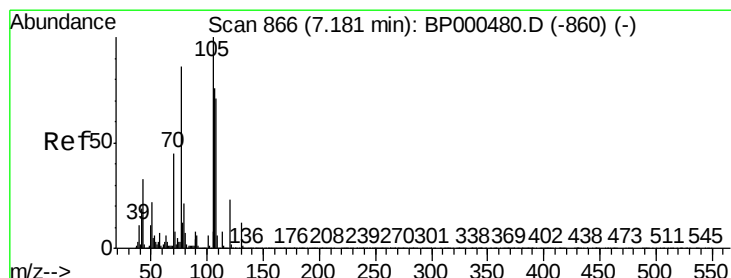
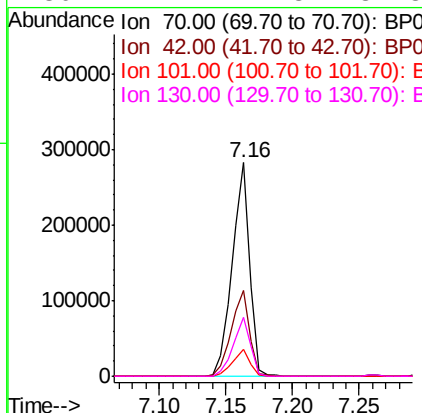
#19
n-Nitroso-di-n-propylamine
Concen: 39.519 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.4	33.2	49.8		
101	12.7	9.9	14.9		
130	27.4	21.8	32.8		

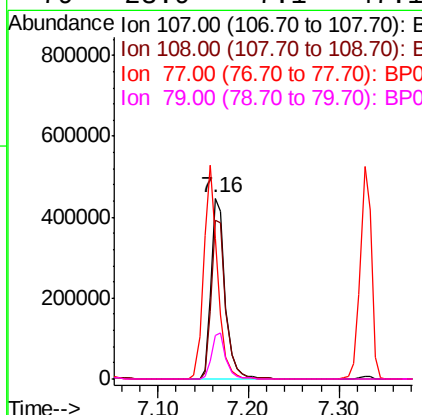
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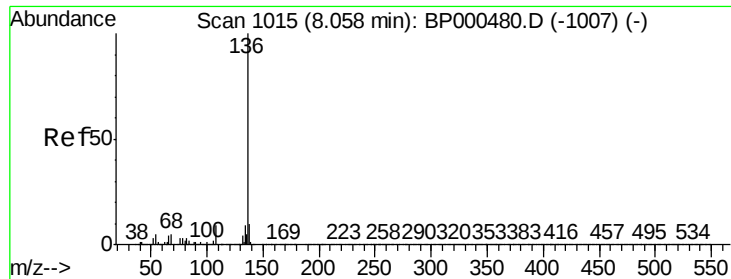
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#20
3+4-Methylphenols
Concen: 43.088 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.6	72.6	112.6		
77	77.7	93.3	133.3#		
79	23.9	7.1	47.1		





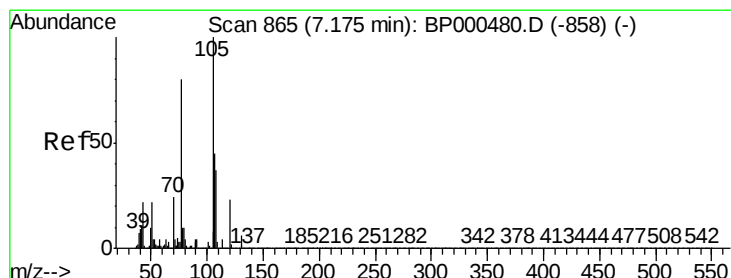
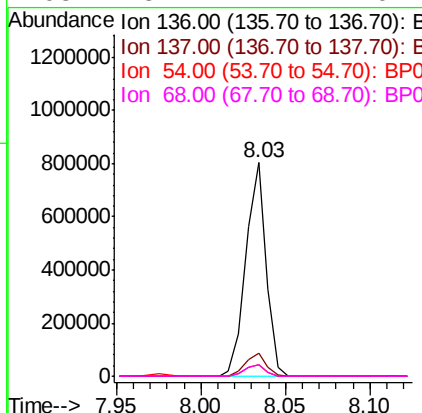
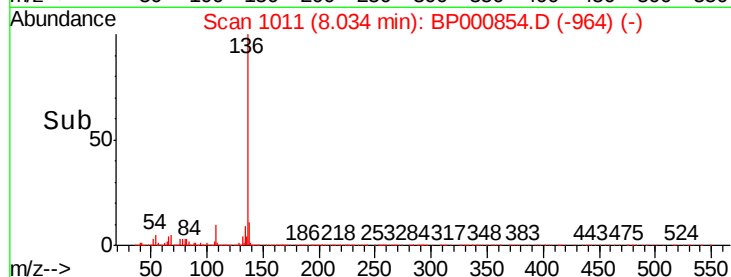
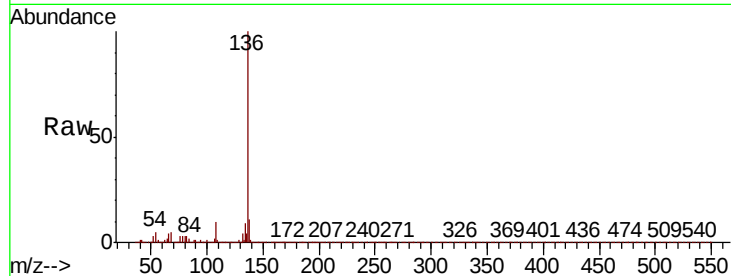
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		675252		
137	10.9		8.2	12.4	
54	5.3		4.1	6.1	
68	5.2		4.1	6.1	

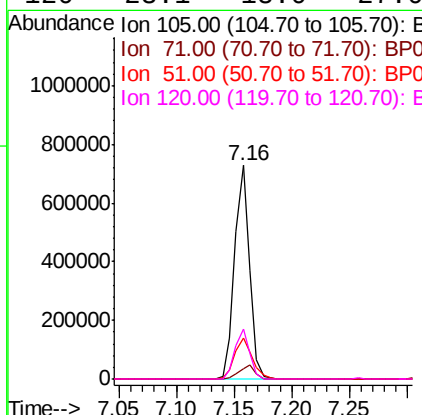
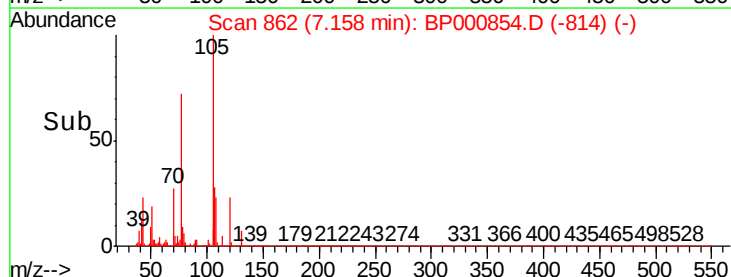
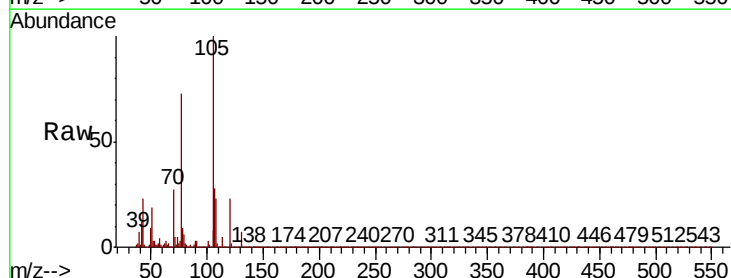
Manual Integrations
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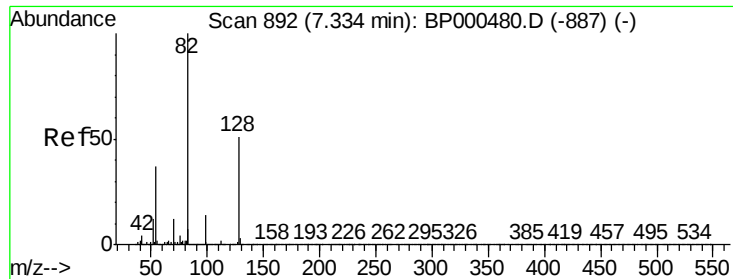
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#22
Acetophenone
Concen: 41.481 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		647217		
71	4.7		3.3	4.9	
51	19.3		17.4	26.2	
120	23.1		18.0	27.0	





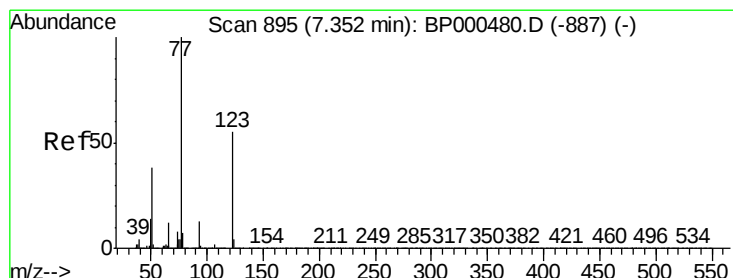
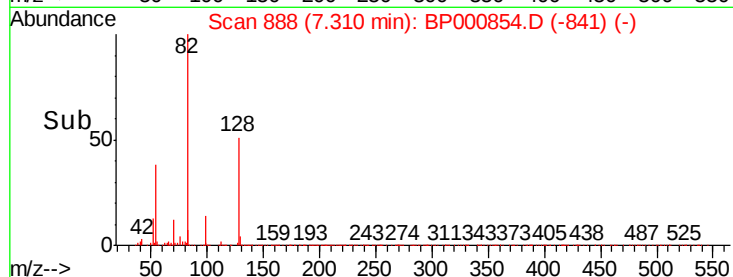
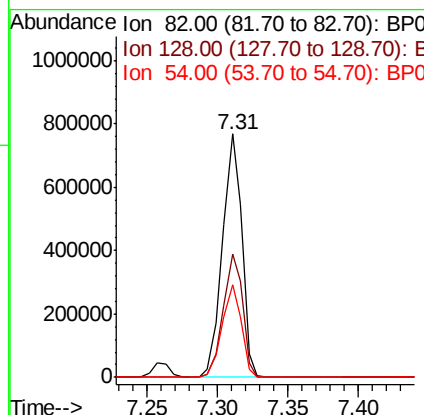
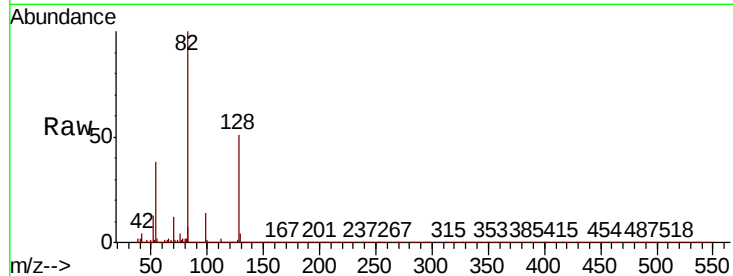
#23
Nitrobenzene-d5
Concen: 66.253 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion:	82	Resp:	732501
Ion Ratio	Lower	Upper	
82	100		
128	50.8	40.9	61.3
54	37.9	29.4	44.2

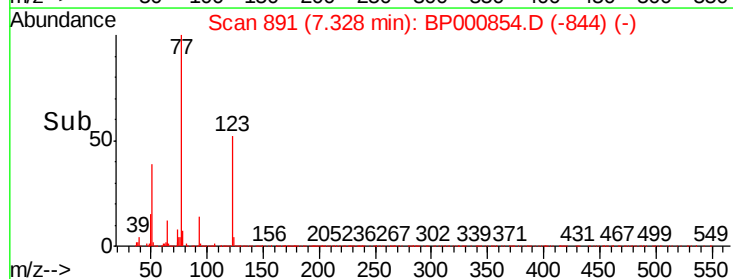
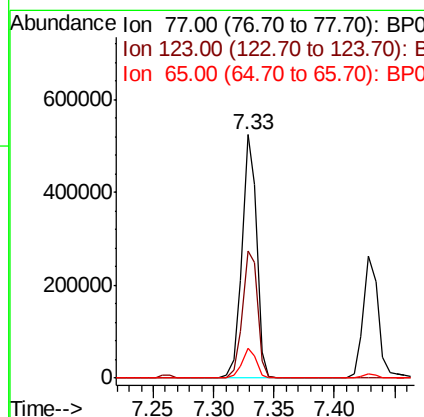
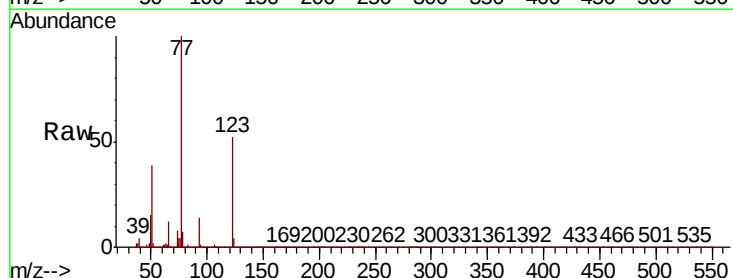
Manual Integrations
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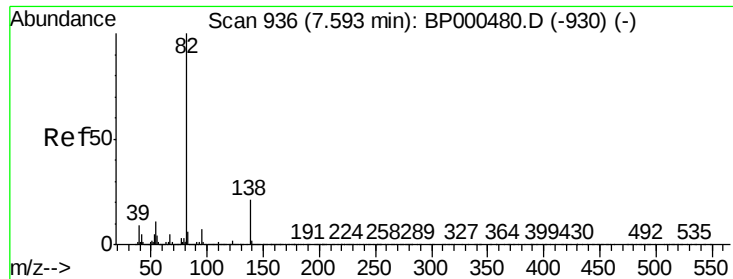
mohammad
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#24
Nitrobenzene
Concen: 41.743 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion:	77	Resp:	445111
Ion Ratio	Lower	Upper	
77	100		
123	52.0	44.1	66.1
65	12.3	9.7	14.5





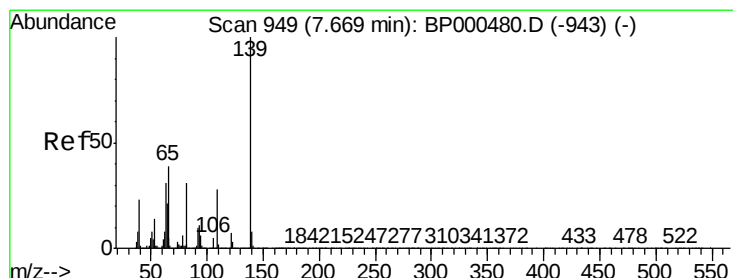
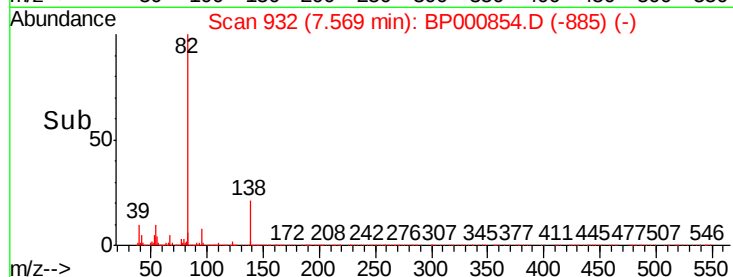
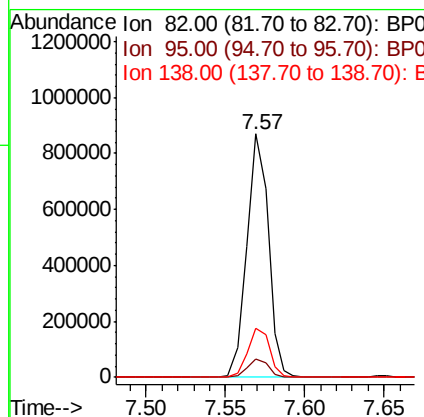
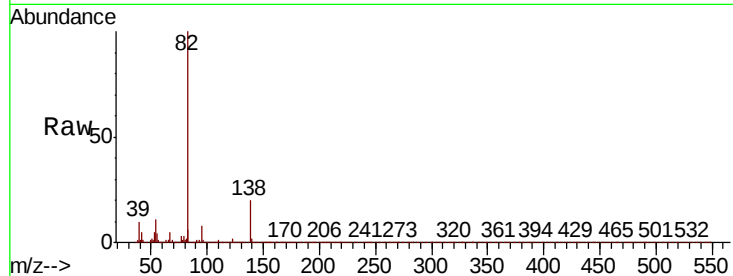
#25
Isophorone
Concen: 41.715 ng
RT: 7.57 min Scan# 932
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.6	5.8	8.6	
138	20.4	17.0	25.4	

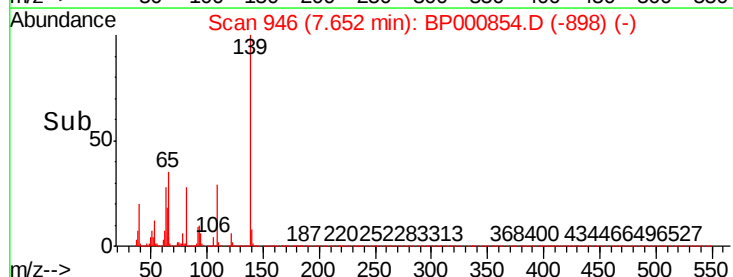
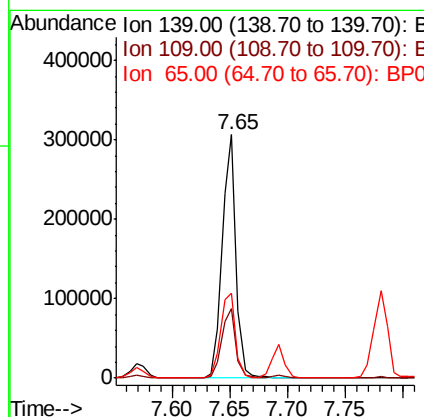
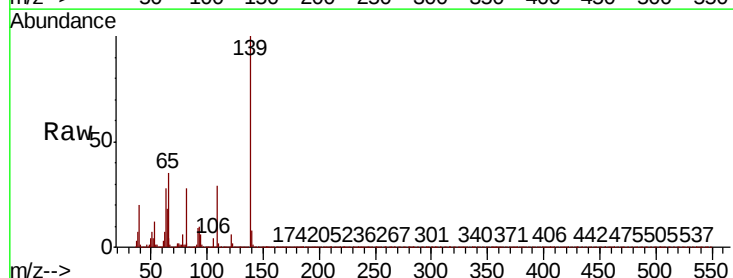
Manual Integrations
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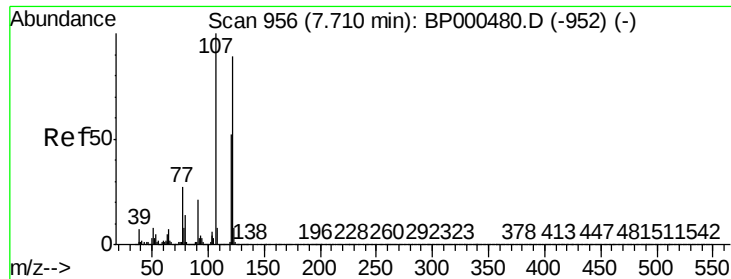
mohammad
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#26
2-Nitrophenol
Concen: 44.826 ng
RT: 7.65 min Scan# 946
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	28.7	22.8	34.2	
65	34.9	31.5	47.3	





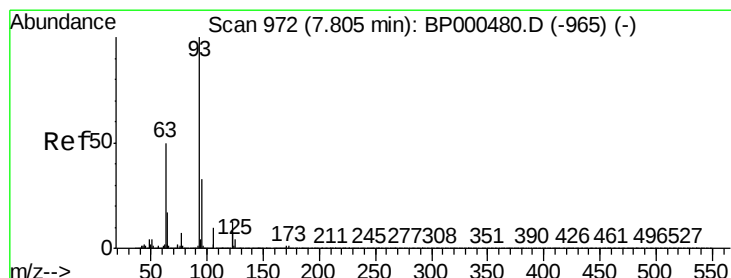
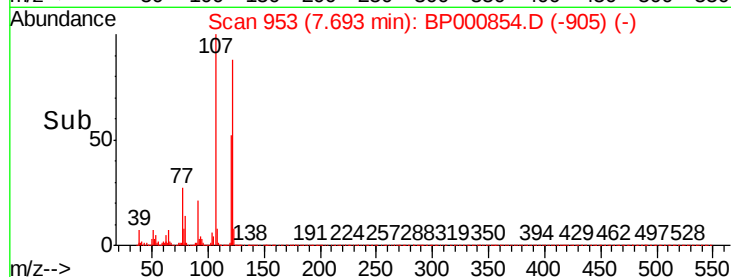
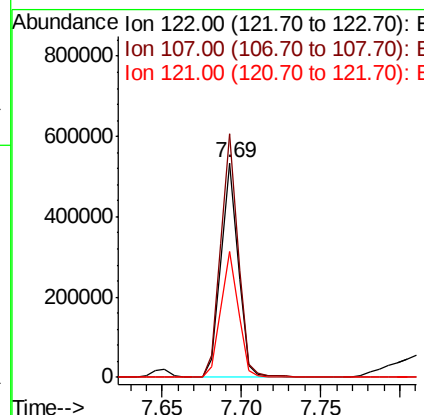
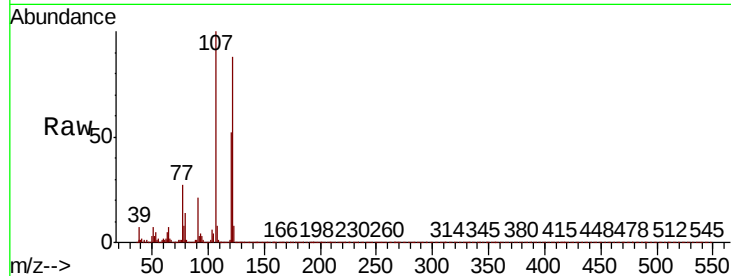
#27
2,4-Dimethylphenol
Concen: 47.727 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	410249		
107	113.5	89.9	134.9	
121	58.7	46.6	70.0	

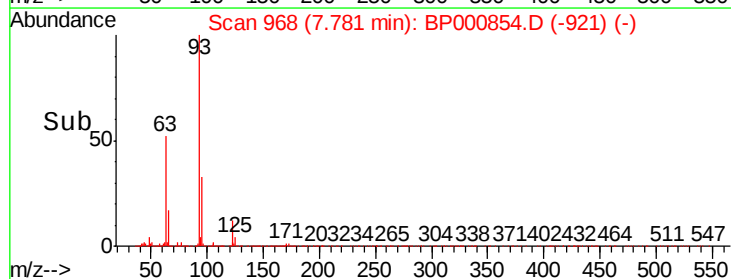
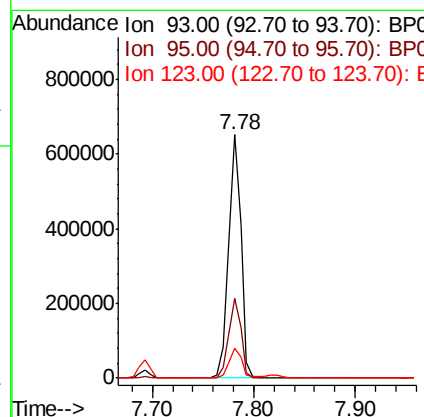
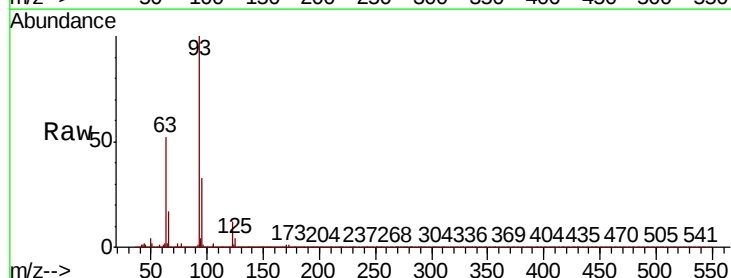
Manual Integrations
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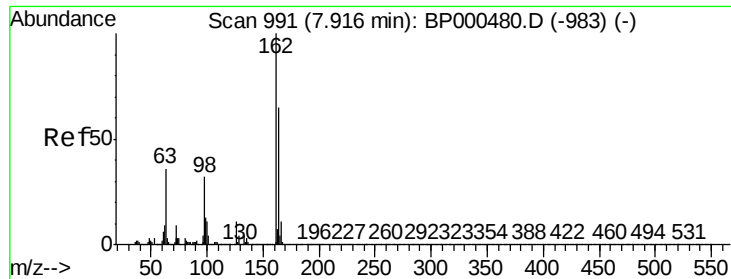
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#28
bis(2-Chloroethoxy)methane
Concen: 40.979 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	546446		
95	32.7	26.2	39.2	
123	12.1	10.2	15.2	





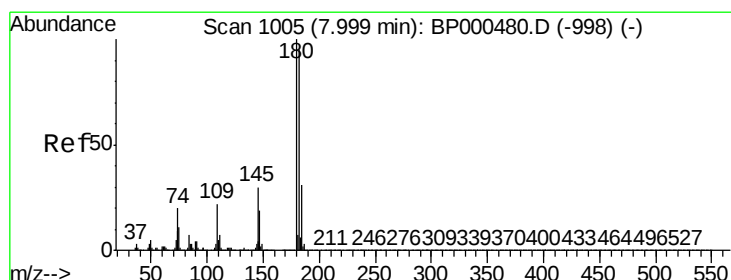
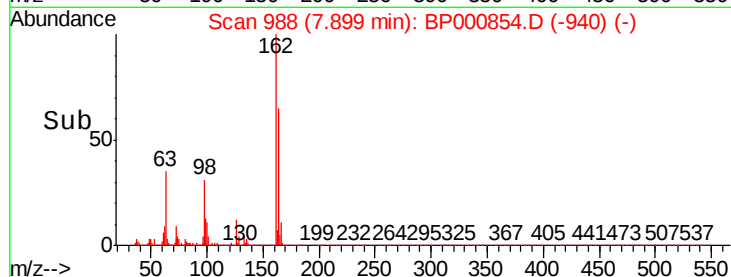
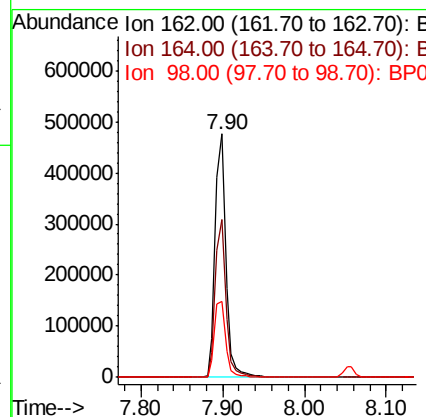
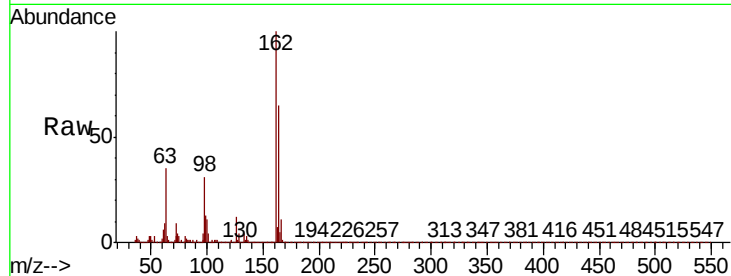
#29
2,4-Dichlorophenol
Concen: 44.478 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.8	44.6	84.6
98	31.4	11.6	51.6

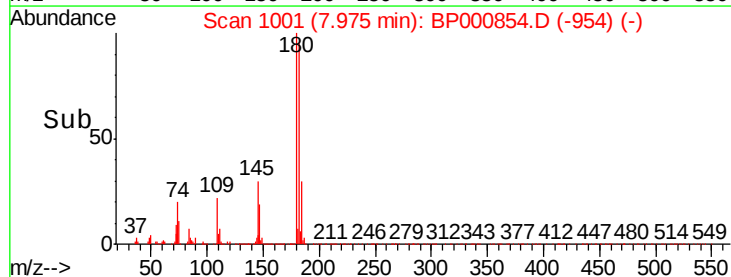
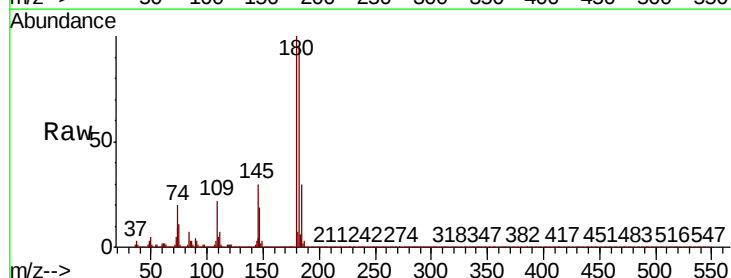
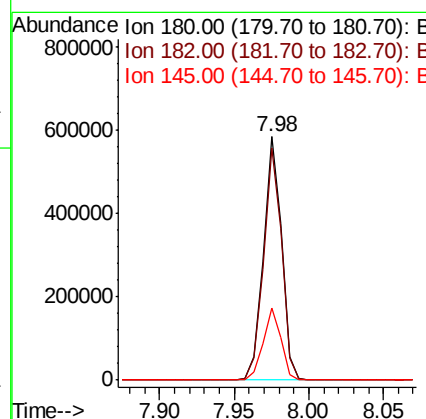
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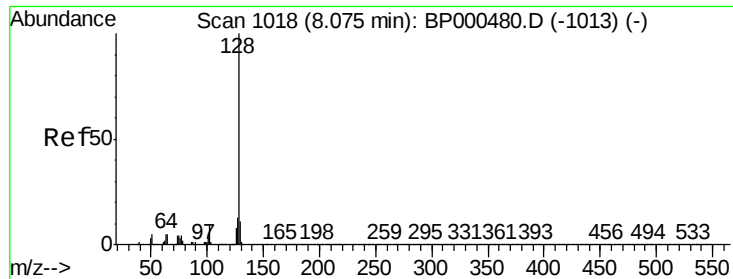
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#30
1,2,4-Trichlorobenzene
Concen: 42.292 ng
RT: 7.98 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.2	76.2	114.4
145	29.8	23.6	35.4





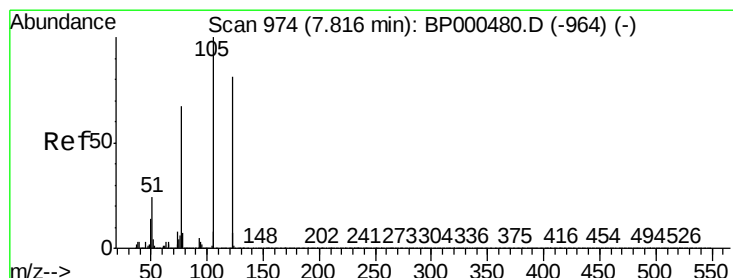
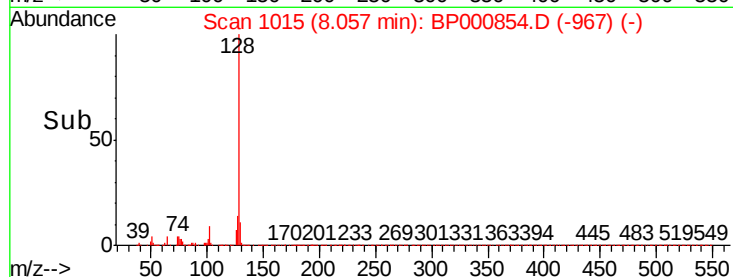
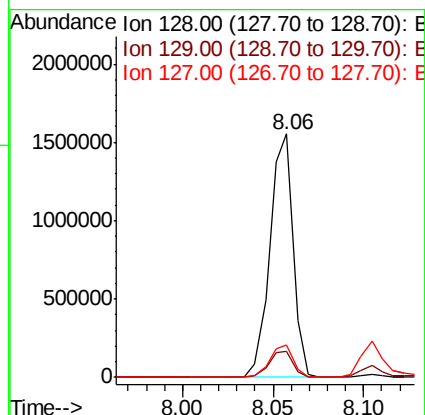
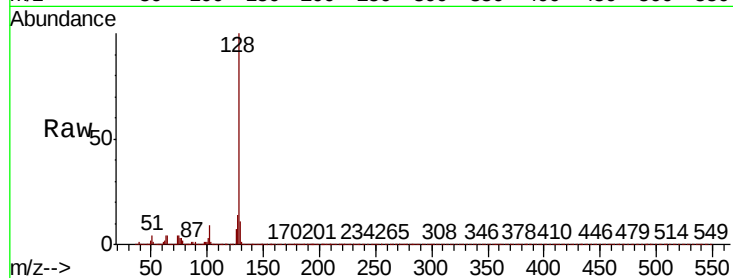
#31
Naphthalene
Concen: 43.748 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.5	10.5	15.7

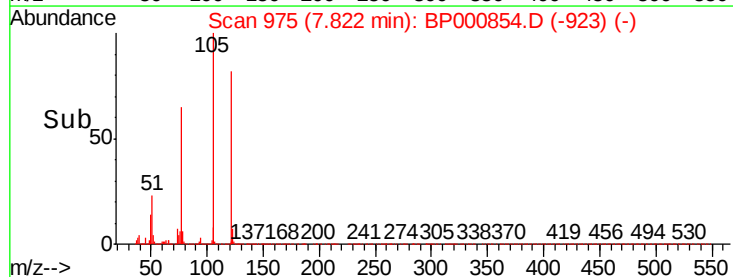
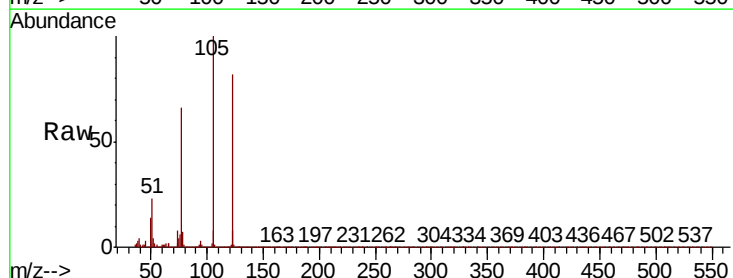
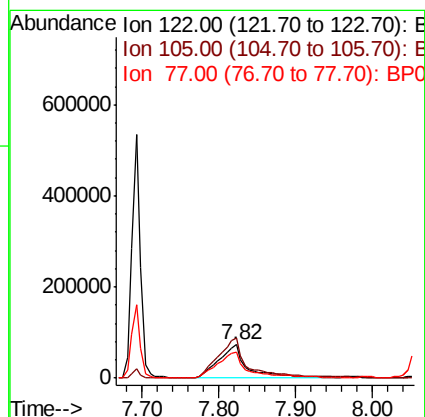
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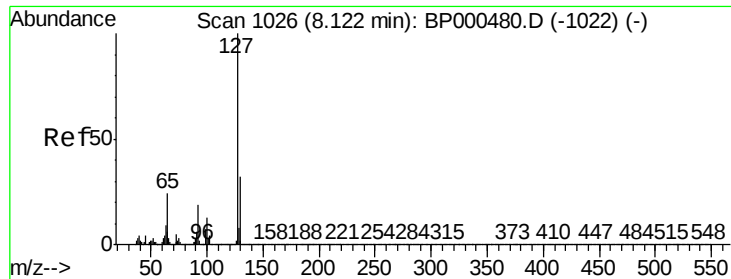
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#32
Benzoic acid
Concen: 34.121 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.4	101.4	141.4
77	80.0	62.1	102.1





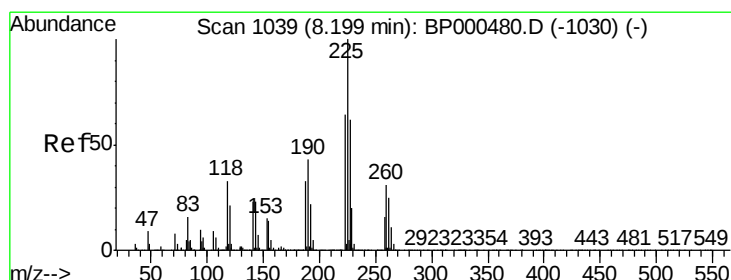
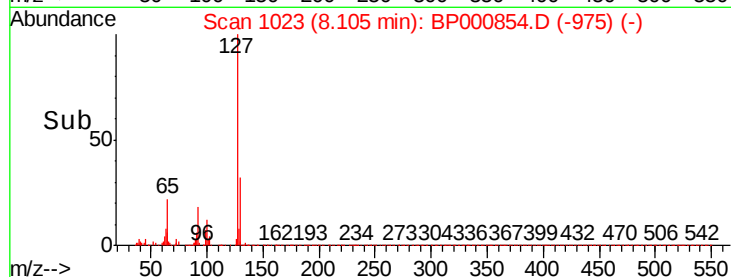
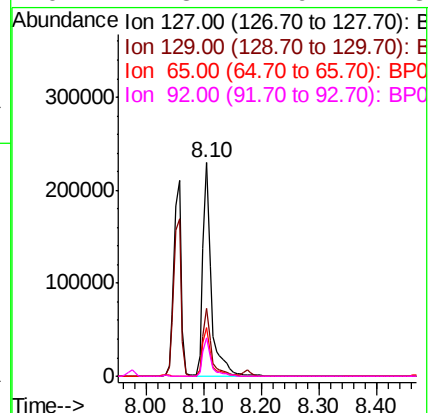
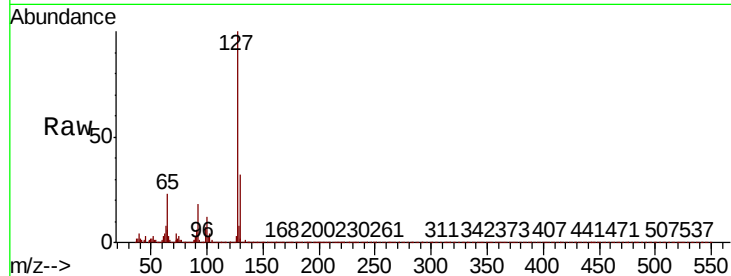
#33
4-Chloroaniline
Concen: 16.860 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	233461		
129	32.0	25.6	38.4	
65	23.0	19.2	28.8	
92	17.8	14.9	22.3	

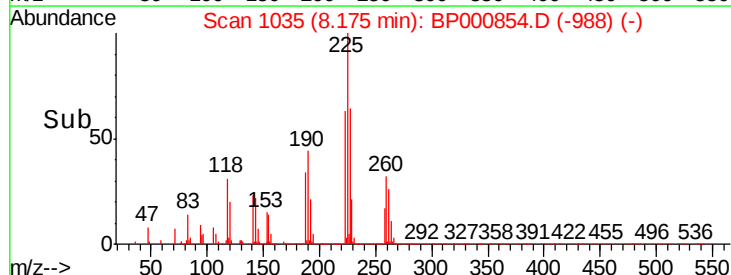
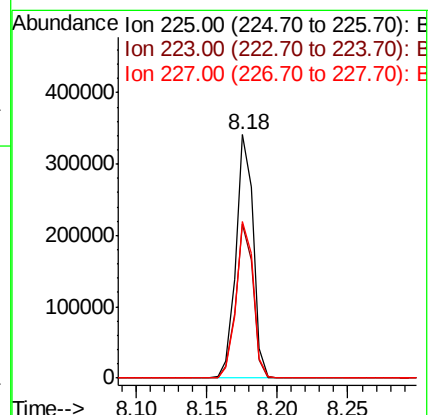
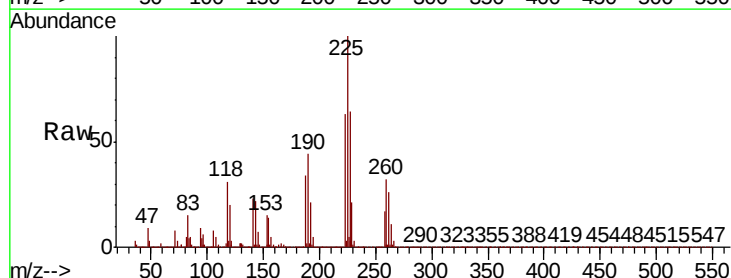
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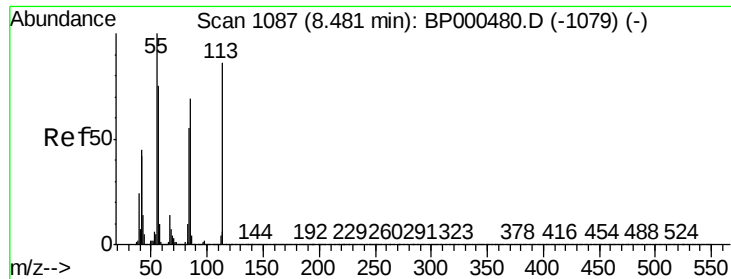
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#34
Hexachlorobutadiene
Concen: 41.951 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	289384		
223	63.4	51.4	77.0	
227	64.2	49.7	74.5	





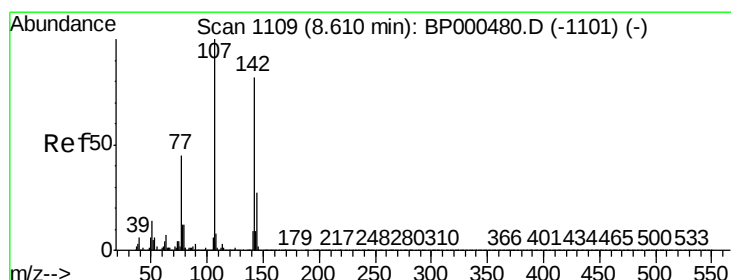
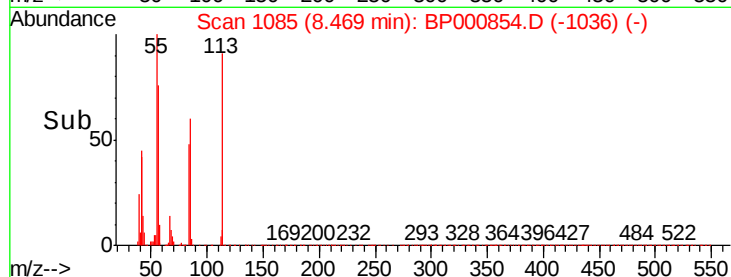
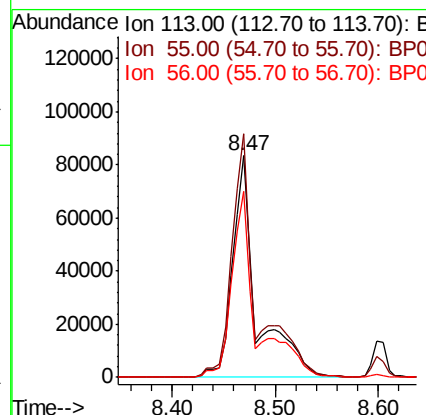
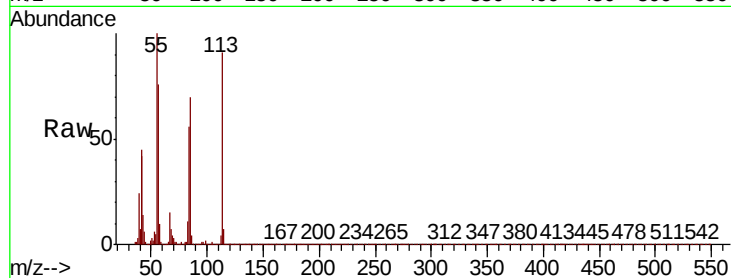
#35
Caprolactam
Concen: 41.554 ng m
RT: 8.47 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	110.0	95.9	135.9
56	84.0	67.2	107.2

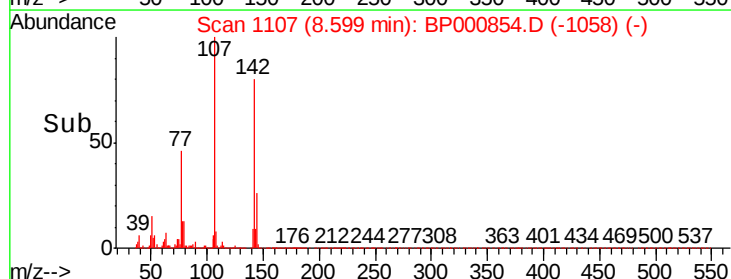
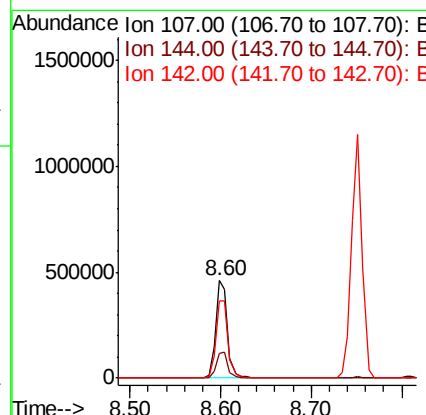
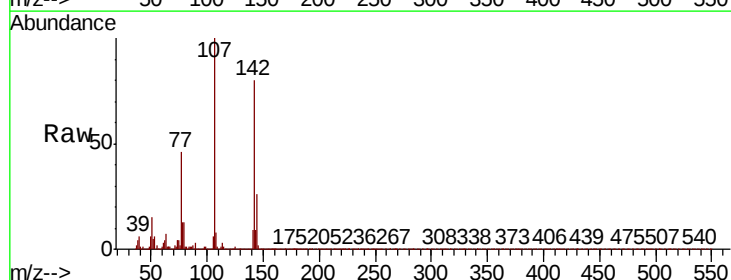
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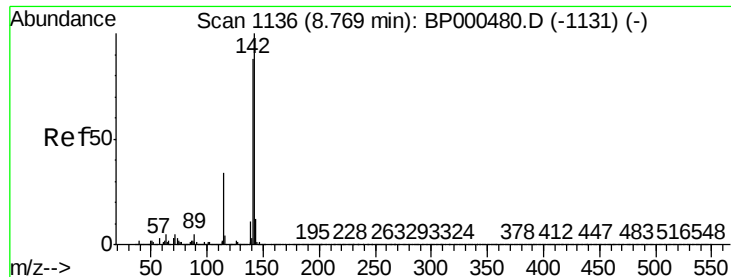
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.834 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.0	21.8	32.8
142	79.8	65.5	98.3





#37

2-Methylnaphthalene

Concen: 44.721 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

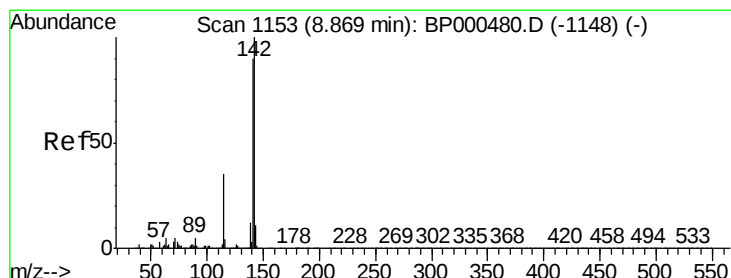
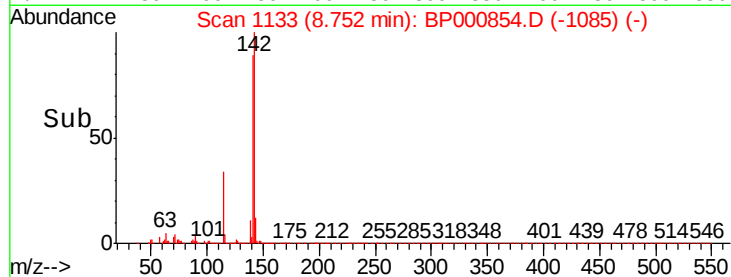
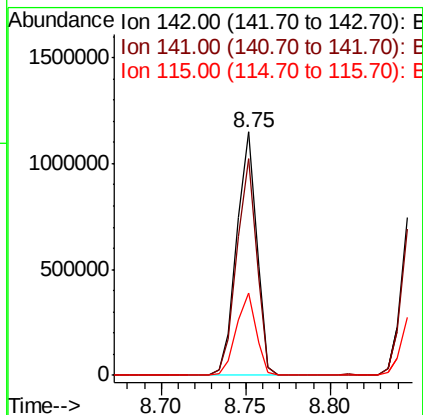
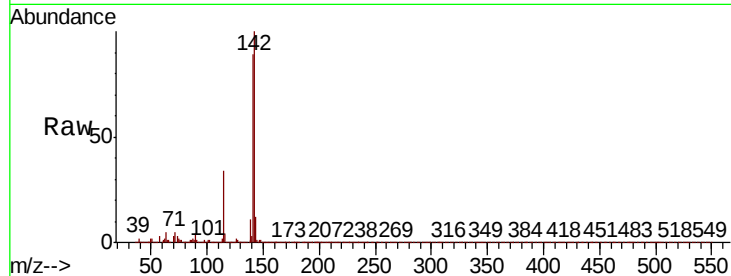
ClientSampleId :

72-11933MS

Tot Ion:	142	Resp:	946786
Ion Ratio	Lower	Upper	
142	100		
141	89.2	70.6	106.0
115	33.8	27.4	41.0

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#38

1-Methylnaphthalene

Concen: 43.762 ng

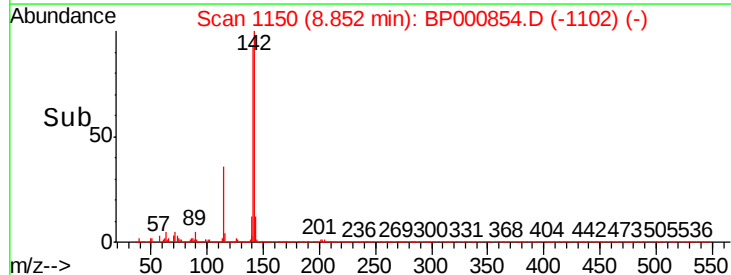
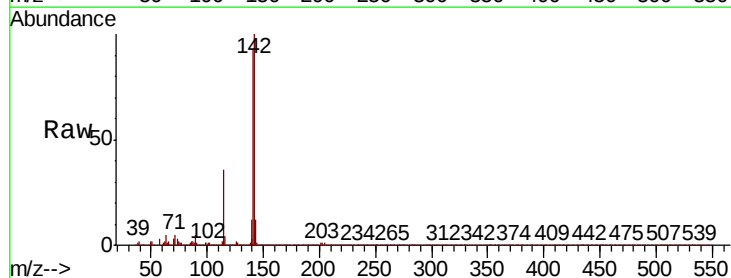
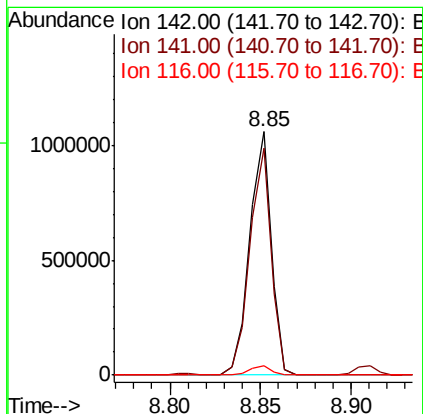
RT: 8.85 min Scan# 1150

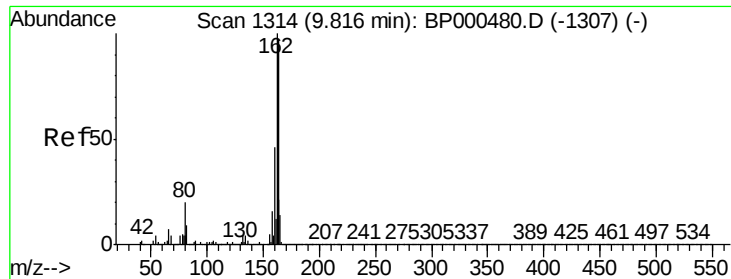
Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Tgt Ion:	142	Resp:	875403
Ion Ratio	Lower	Upper	
142	100		
141	93.2	71.9	107.9
116	3.7	3.0	4.4





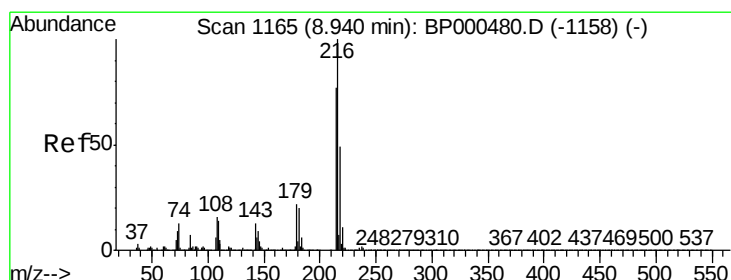
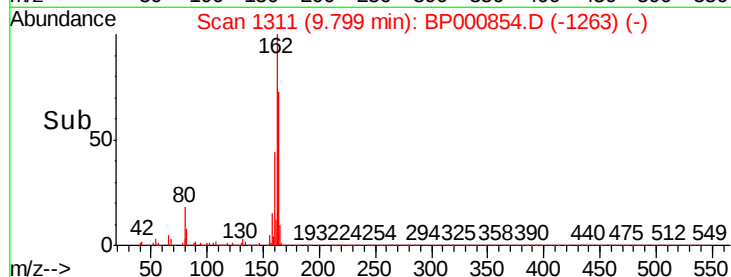
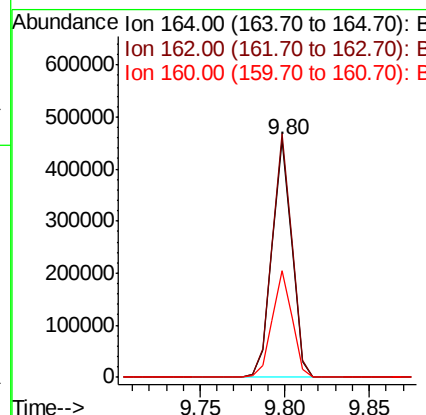
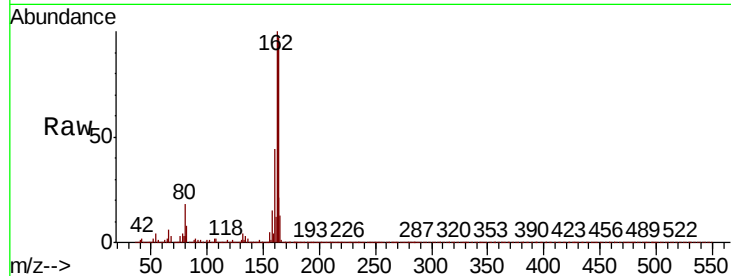
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.2	123.2
160	44.8	37.6	56.4

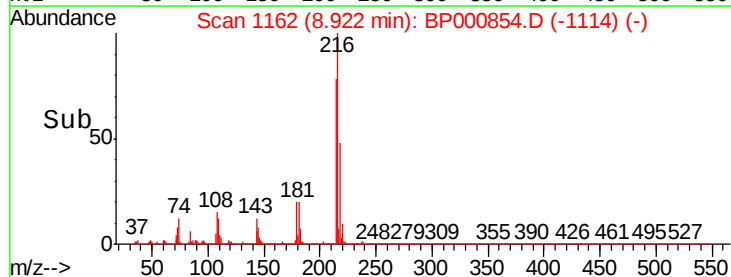
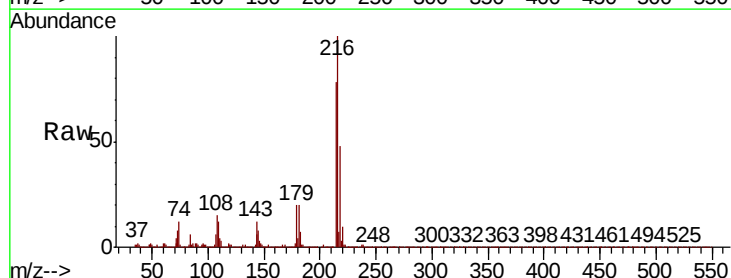
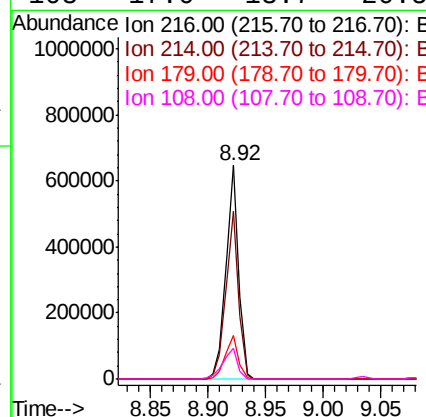
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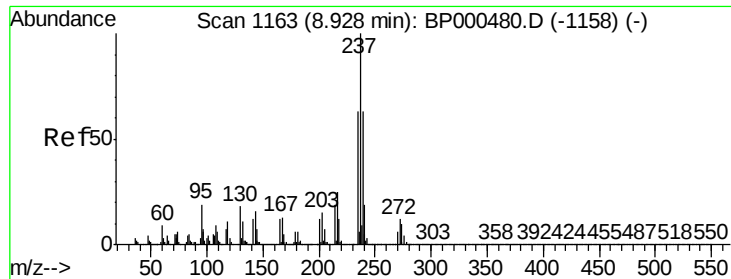
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.208 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	62.7	94.1
179	20.6	16.7	25.1
108	17.0	13.7	20.5





#41

Hexachlorocyclopentadiene

Concen: 59.202 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

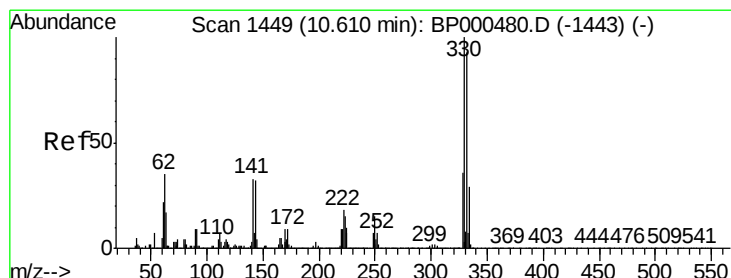
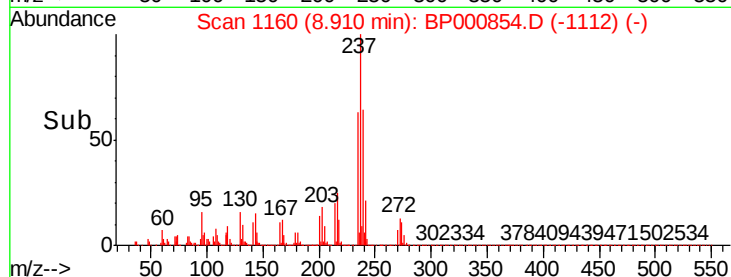
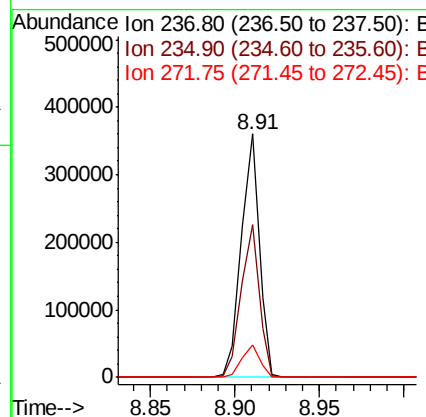
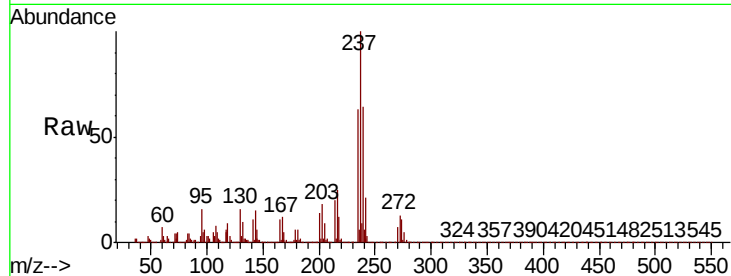
ClientSampleId :

72-11933MS

Tot Ion:	237	Resp:	267581
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.9	82.9
272	13.3	0.0	32.4

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#42

2,4,6-Tribromophenol

Concen: 101.618 ng

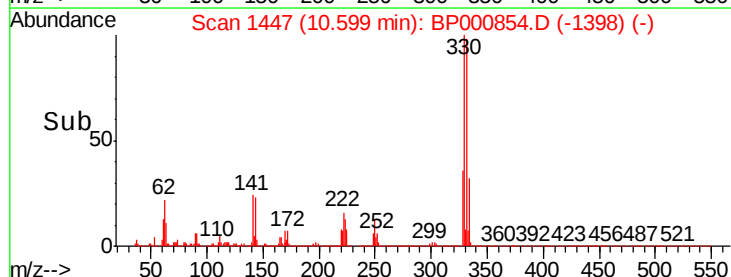
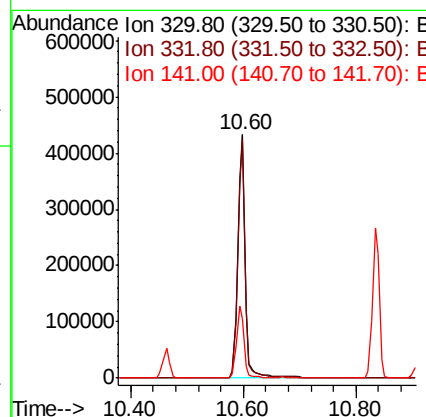
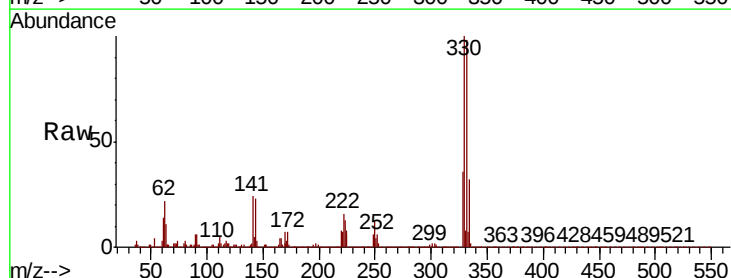
RT: 10.60 min Scan# 1447

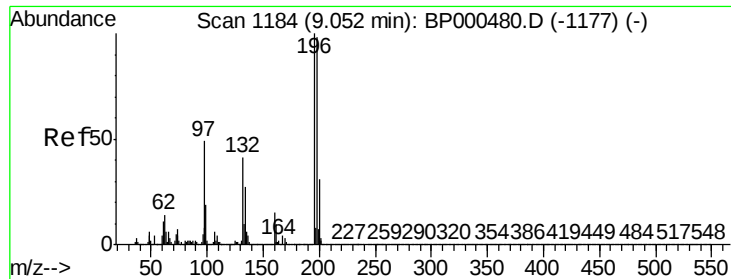
Delta R.T. -0.01 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Tgt Ion:	330	Resp:	400431
Ion Ratio	Lower	Upper	
330	100		
332	98.0	77.1	115.7
141	29.8	26.0	39.0





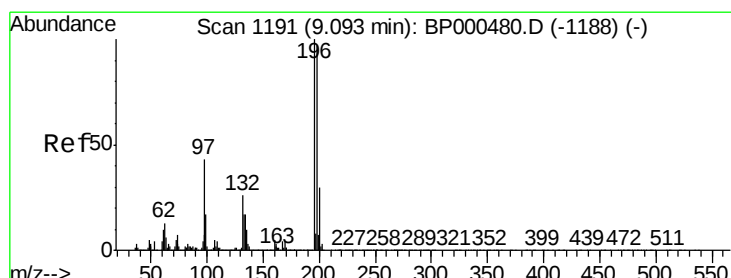
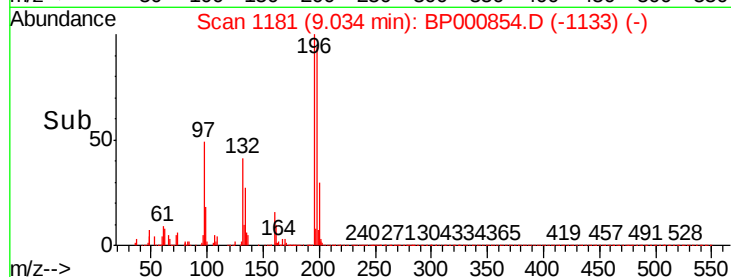
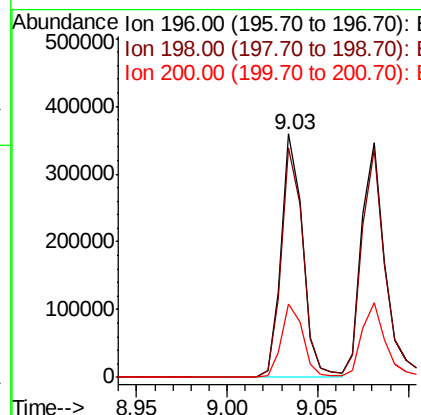
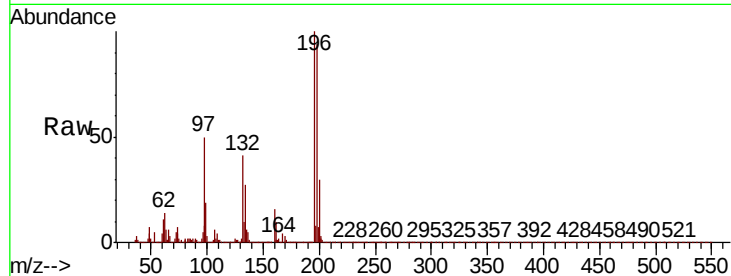
#43
 2,4,6-Trichlorophenol
 Concen: 41.327 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BP000854.D
 Acq: 17 Oct 2019 23:02

Instrument :
 BNA_P
 ClientSampleId :
 72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	297760		
198	94.5	78.2	117.2	
200	30.2	24.9	37.3	

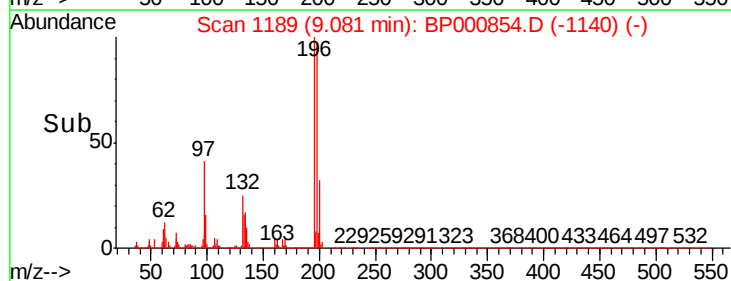
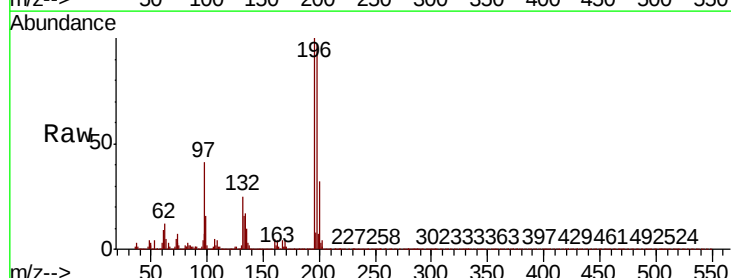
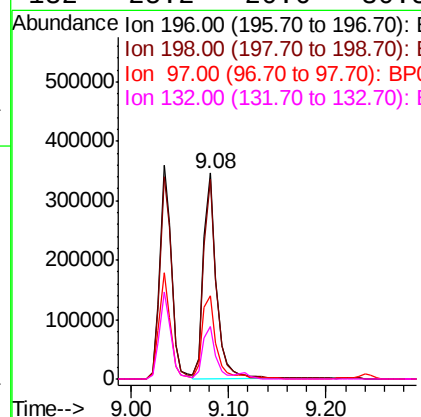
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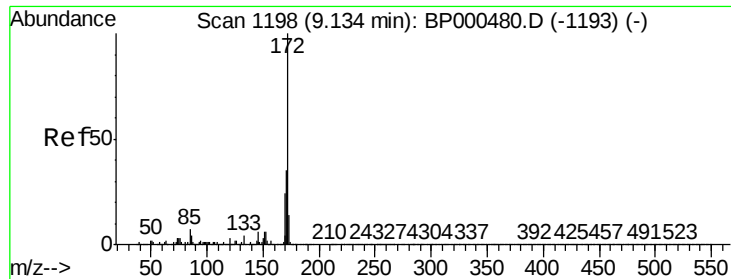
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.469 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BP000854.D
 Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	323363		
198	97.0	77.4	116.0	
97	40.6	34.6	51.8	
132	25.2	20.6	30.8	





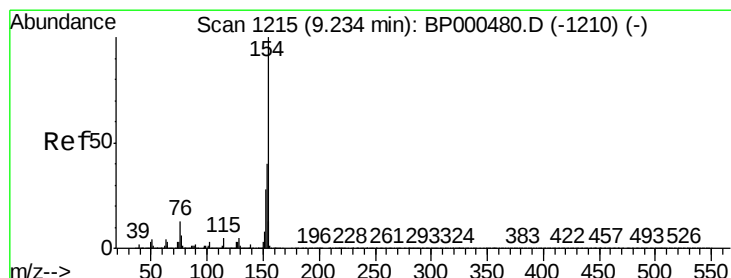
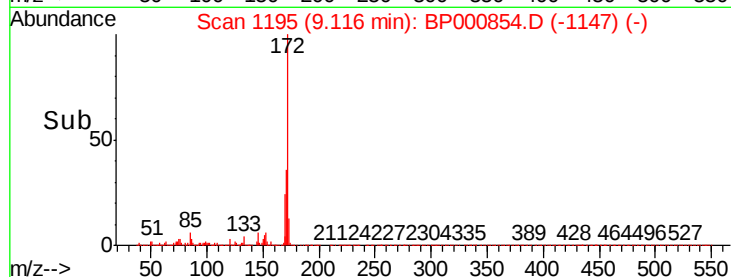
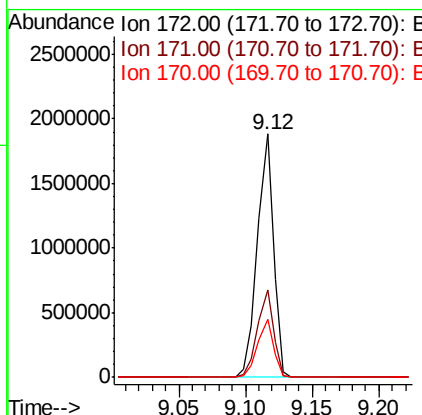
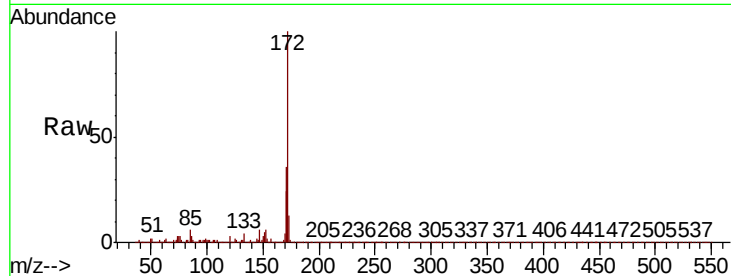
#45
2-Fluorobiphenyl
Concen: 67.727 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.4	42.6
170	23.9	19.1	28.7

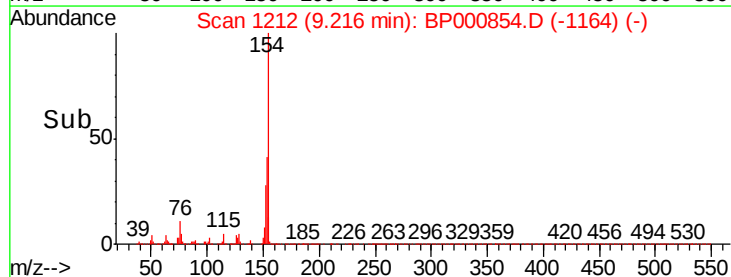
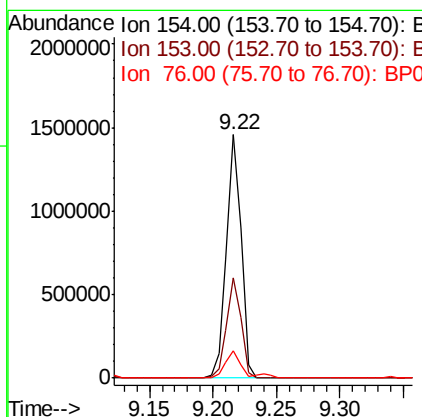
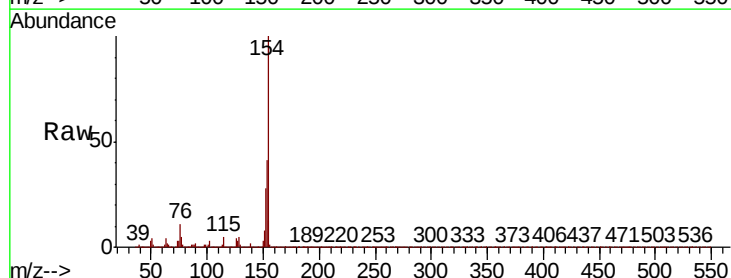
Manual Integrations
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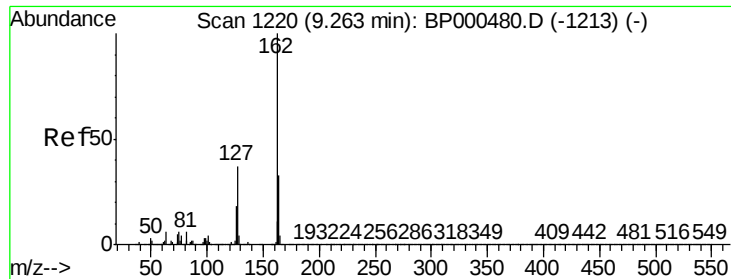
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#46
1,1'-Biphenyl
Concen: 41.968 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	19.9	59.9
76	11.3	0.0	32.8





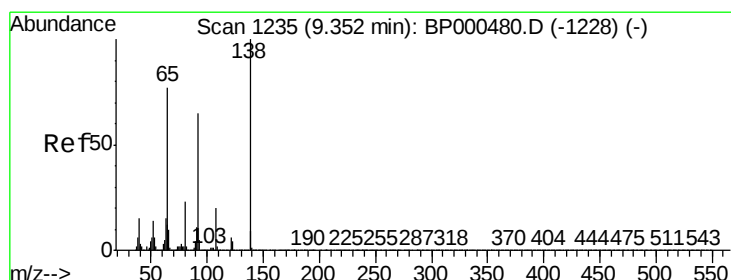
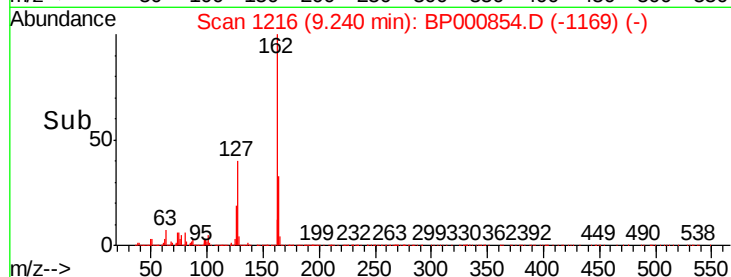
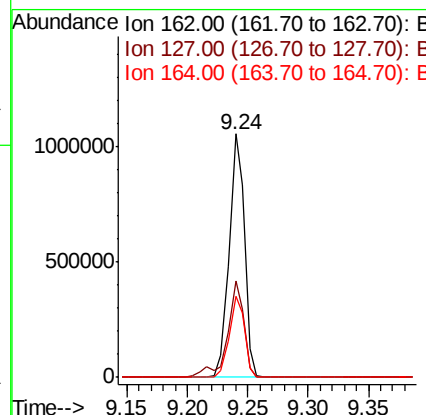
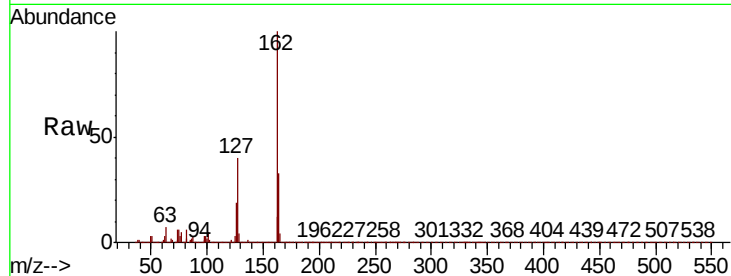
#47
2-Chloronaphthalene
Concen: 42.653 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.7	29.8	44.6	
164	33.4	26.6	39.8	

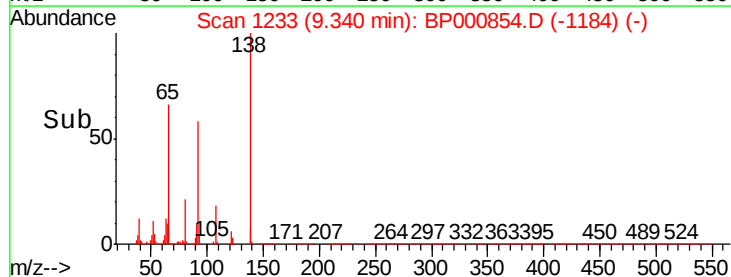
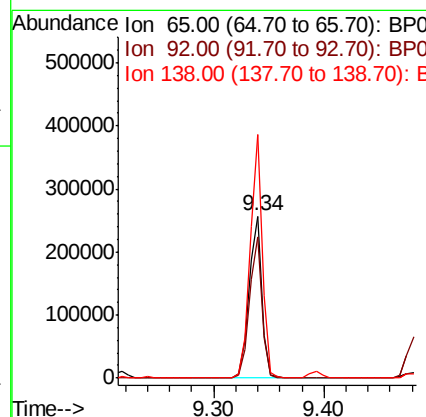
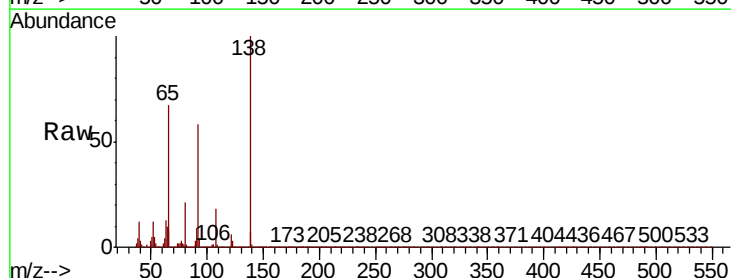
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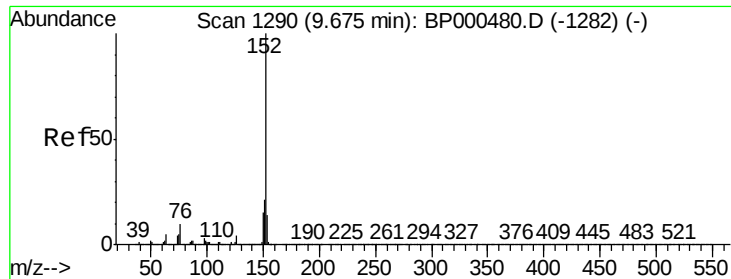
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#48
2-Nitroaniline
Concen: 39.717 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	87.5	67.0	100.4	
138	150.2	103.5	155.3	





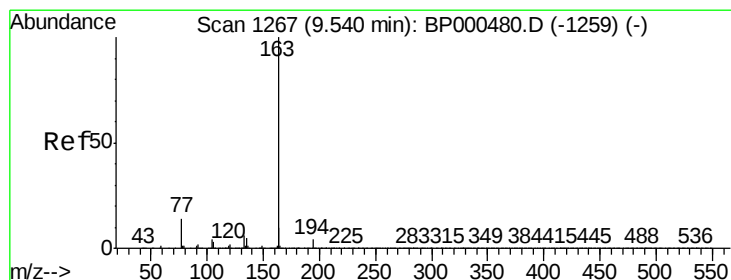
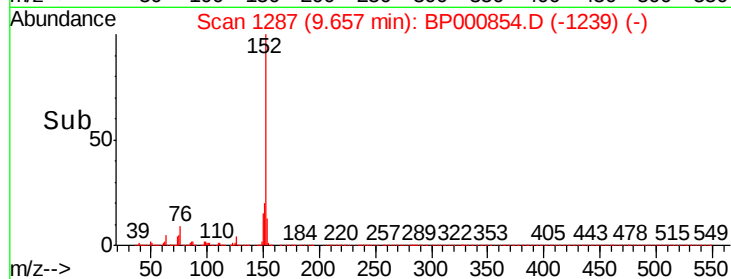
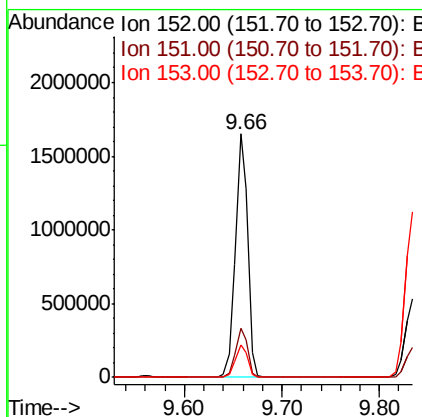
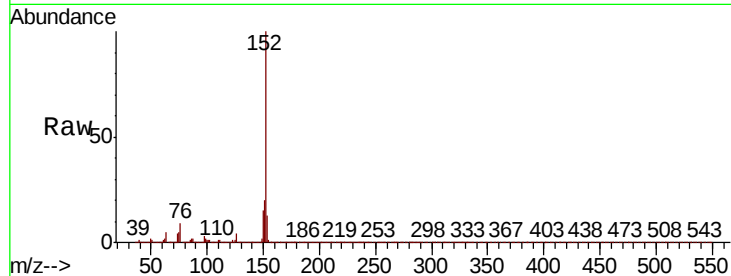
#49
Acenaphthylene
Concen: 43.970 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	25.0
153	13.5	11.0	16.6

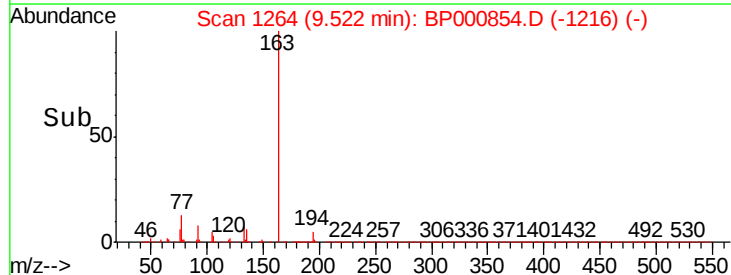
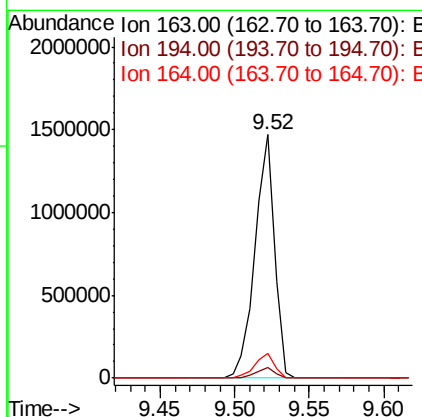
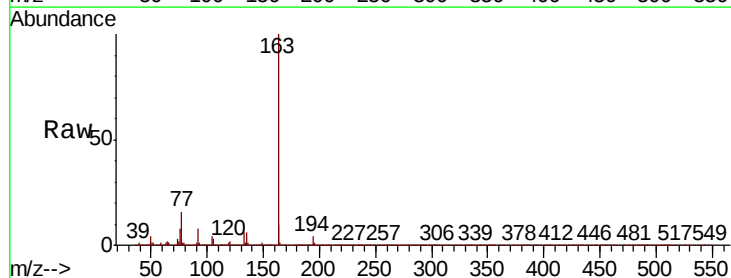
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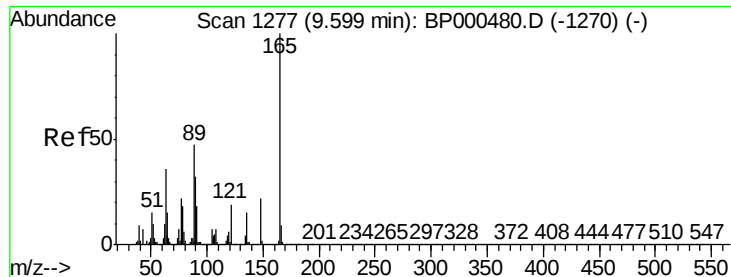
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#50
Dimethylphthalate
Concen: 51.537 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.2	8.0	12.0





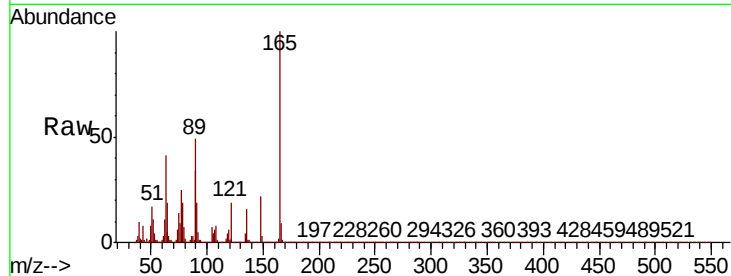
#51
2,6-Dinitrotoluene
Concen: 44.219 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

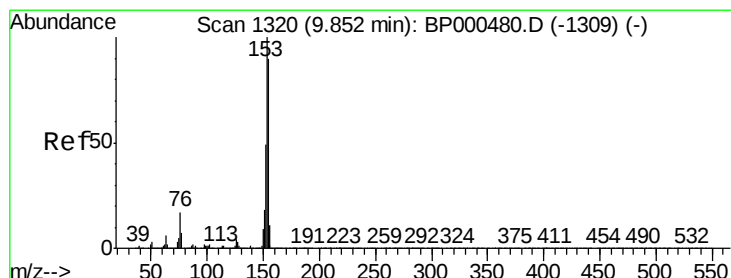
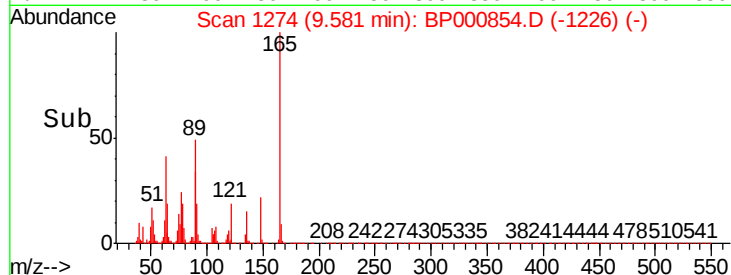
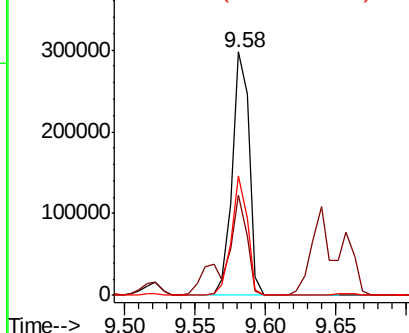
Tot Ion	Ratio	Resp	Lower	Upper
165	100	247770		
63	41.1	29.9	44.9	
89	49.1	37.3	55.9	

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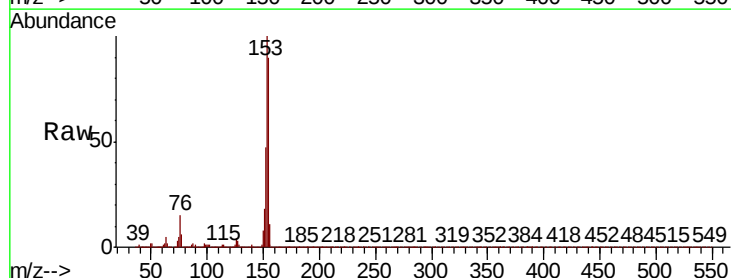


Abundance Ion 165.00 (164.70 to 165.70): E
400000
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

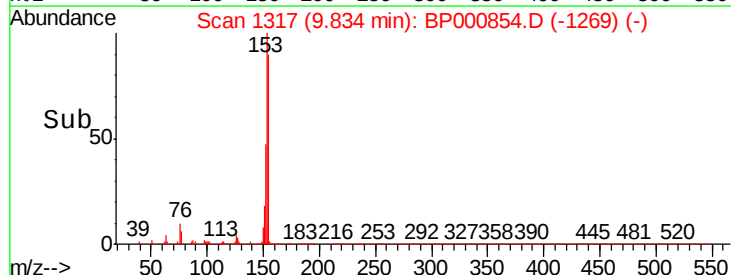
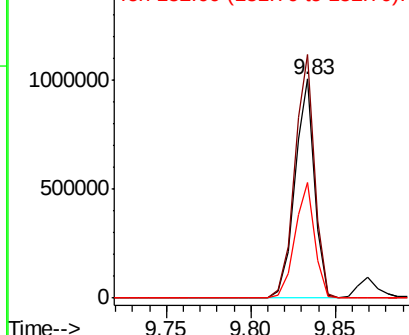


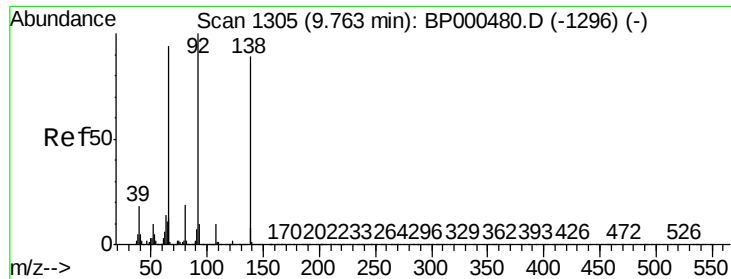
#52
Acenaphthene
Concen: 41.419 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	818166		
153	111.3	89.4	134.0	
152	52.7	43.8	65.8	



Abundance Ion 154.00 (153.70 to 154.70): E
1500000
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





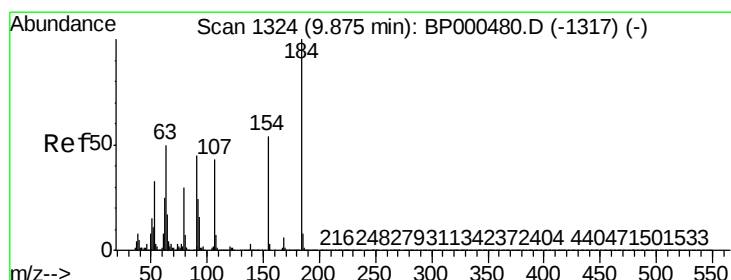
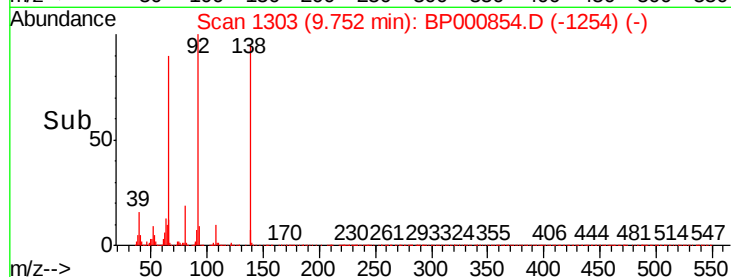
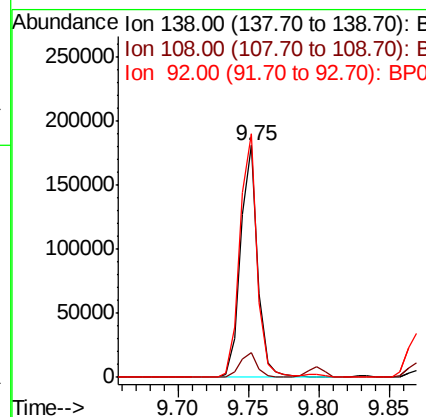
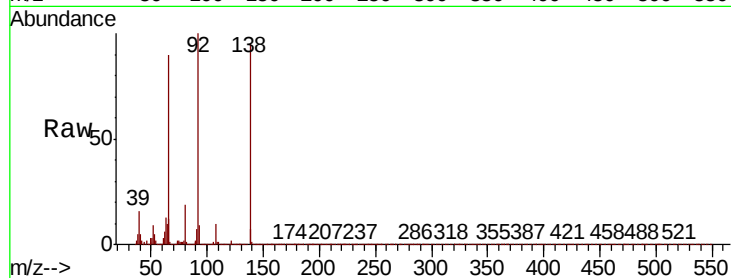
#53
3-Nitroaniline
Concen: 23.437 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.8	13.2
92	105.1	90.4	135.6

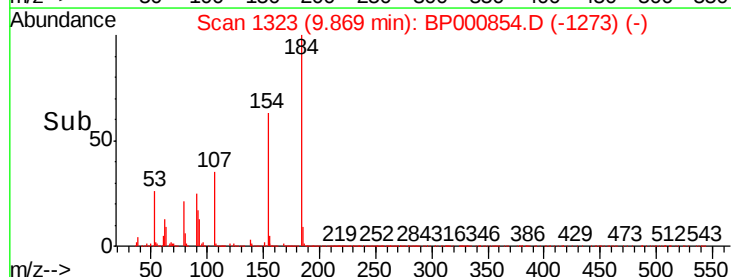
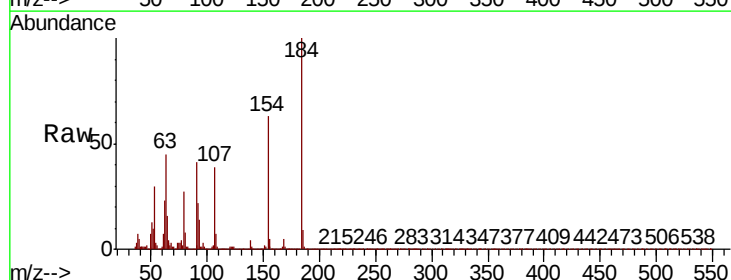
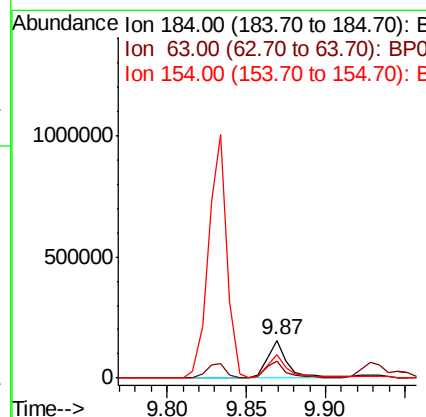
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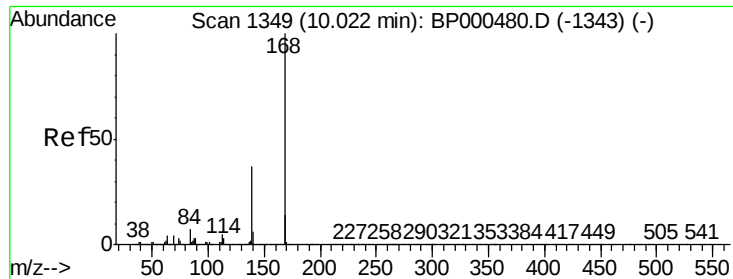
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#54
2,4-Dinitrophenol
Concen: 74.315 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	45.2	41.0	61.4
154	63.1	49.8	74.8





#55

Dibenzofuran

Concen: 43.626 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

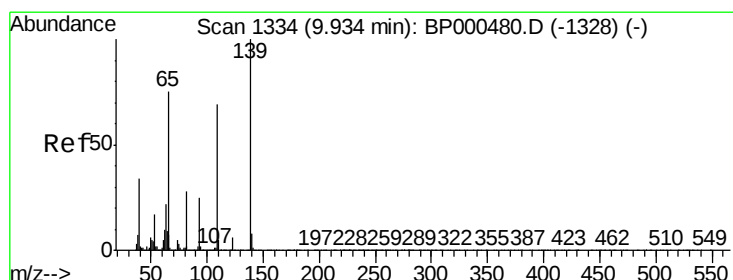
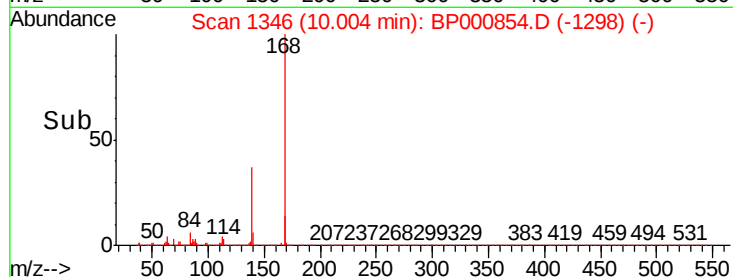
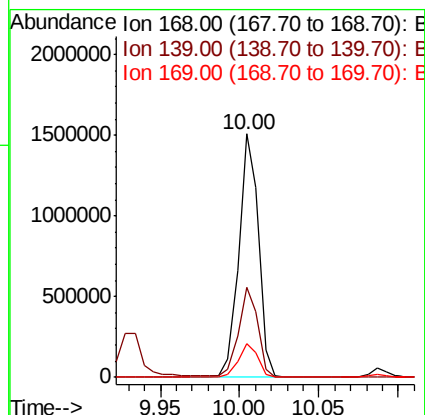
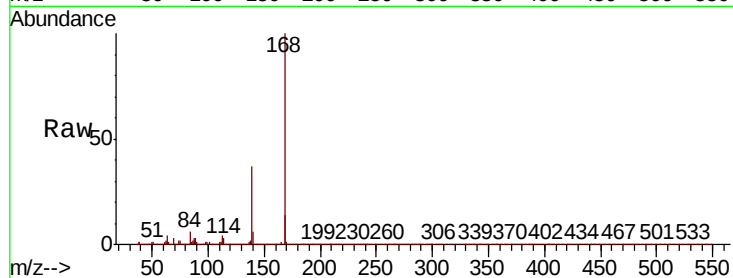
ClientSampleId :

72-11933MS

Tot Ion:	168	Resp:	1288170
Ion	Ratio	Lower	Upper
168	100		
139	37.0	29.5	44.3
169	13.8	11.1	16.7

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#56

4-Nitrophenol

Concen: 71.087 ng

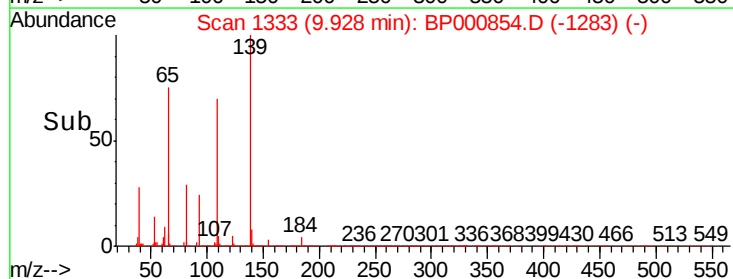
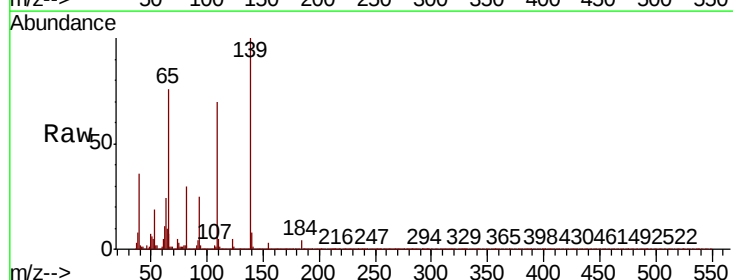
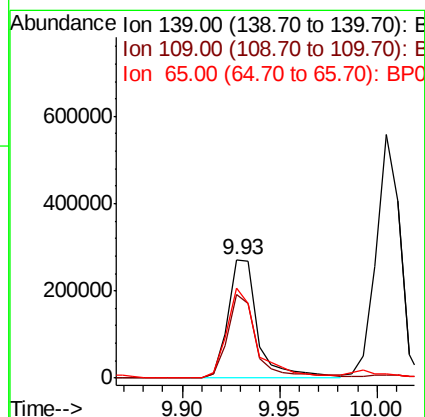
RT: 9.93 min Scan# 1333

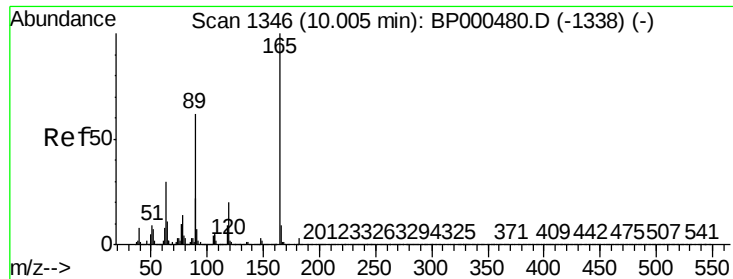
Delta R.T. -0.01 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Tgt Ion:	139	Resp:	291390
Ion	Ratio	Lower	Upper
139	100		
109	70.4	48.6	88.6
65	76.4	55.3	95.3





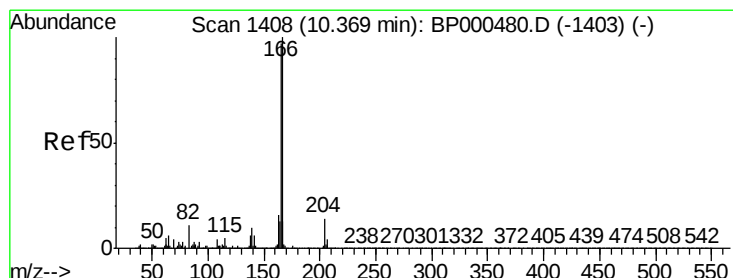
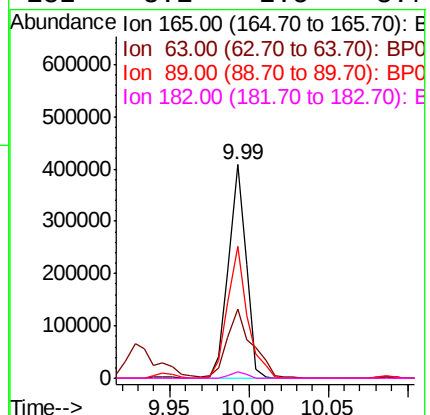
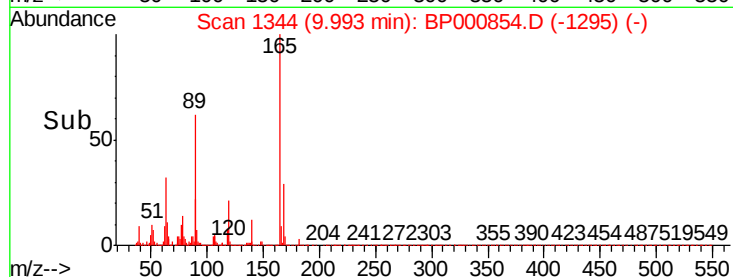
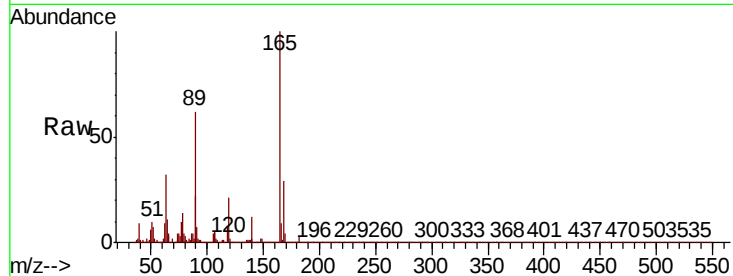
#57
2,4-Dinitrotoluene
Concen: 42.491 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	32.3	24.2	36.4	
89	61.6	49.4	74.0	
182	3.1	2.5	3.7	

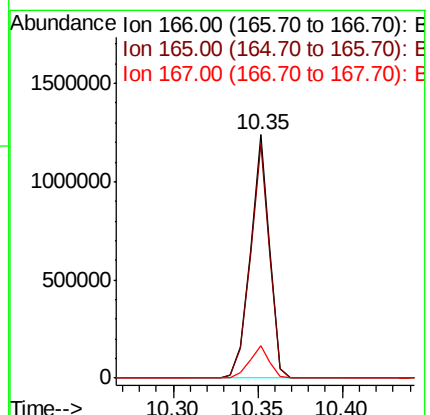
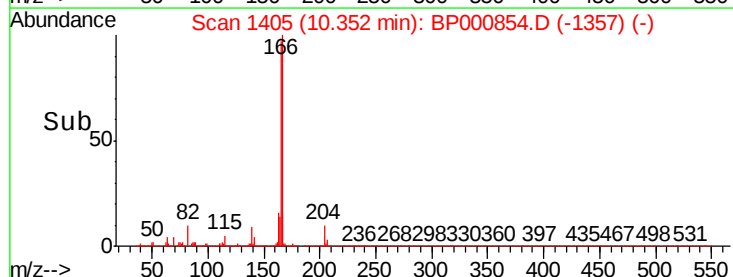
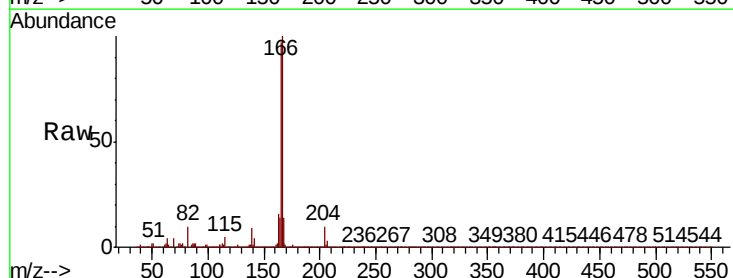
Manual Integrations
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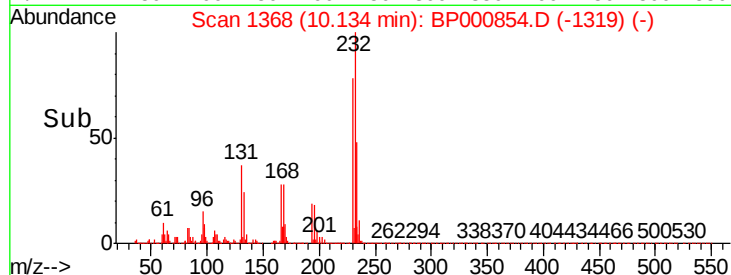
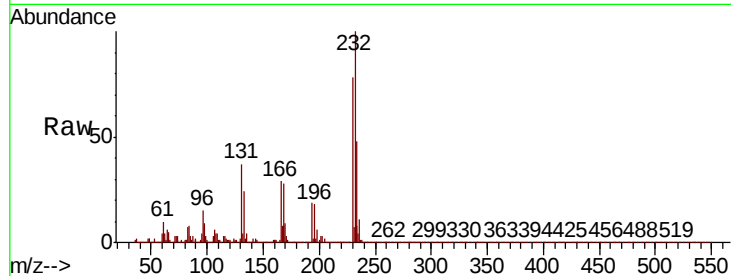
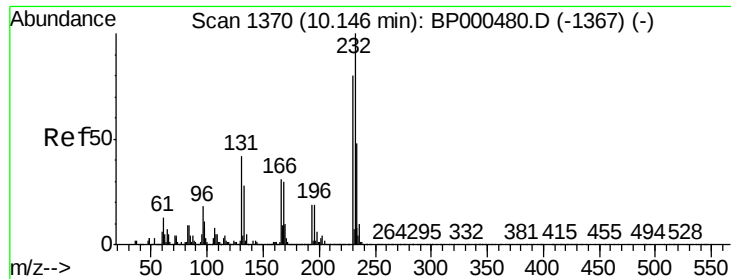
mohammad
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#58
Fluorene
Concen: 46.447 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.5	77.3	115.9	
167	13.5	10.6	16.0	





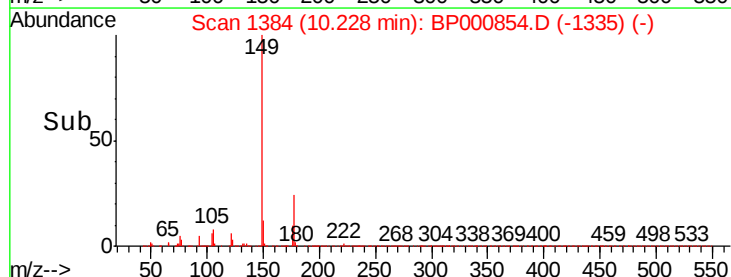
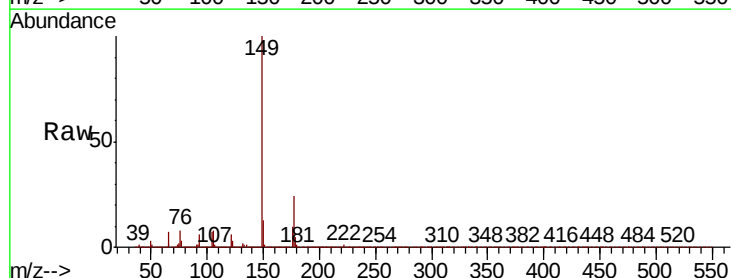
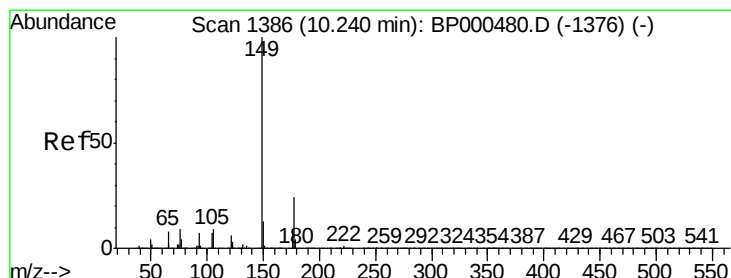
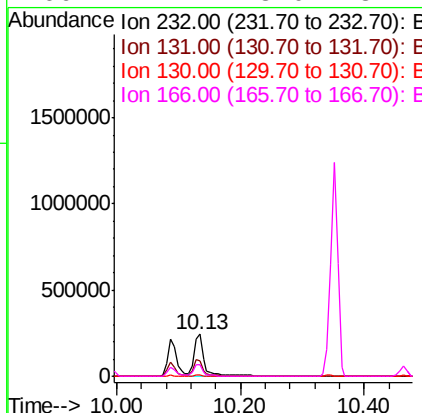
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.656 ng
RT: 10.13 min Scan# 1368
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	268243		
131	37.5	32.1	48.1	
130	1.8	1.6	2.4	
166	27.4	23.0	34.4	

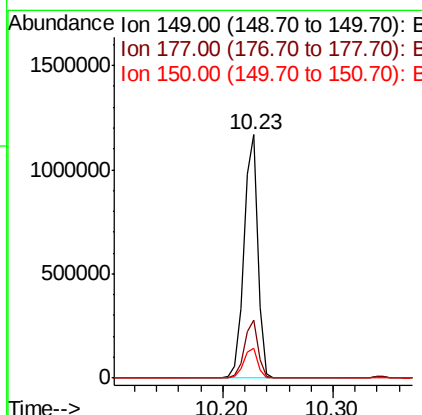
Manual Integrations
APPROVED

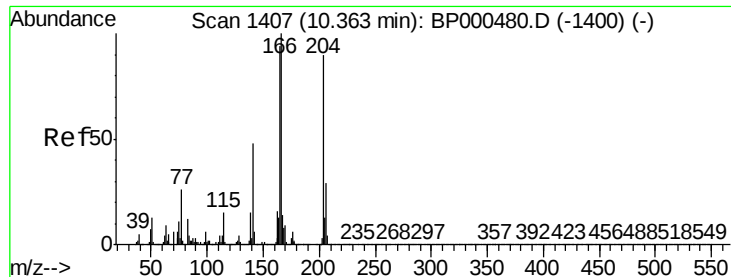
mohammad
10/20/2019 8:16:22 PM



#60
Diethylphthalate
Concen: 42.191 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1029100		
177	23.7	19.0	28.6	
150	12.5	10.8	16.2	





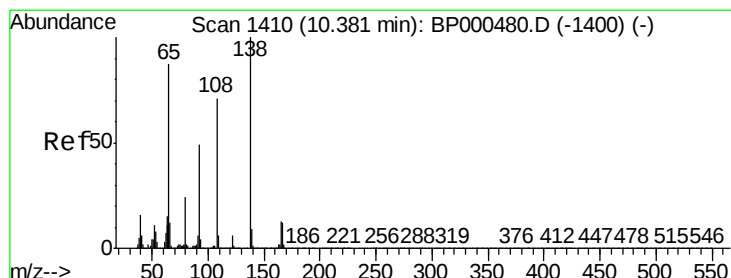
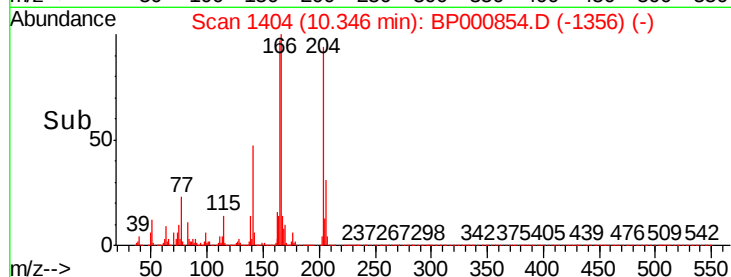
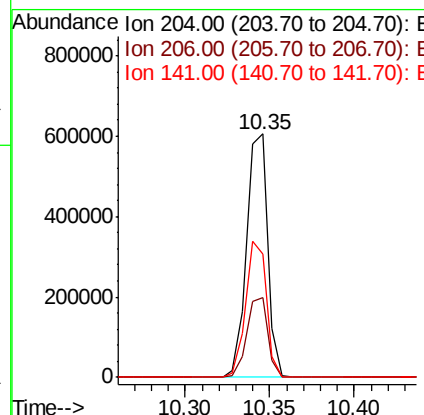
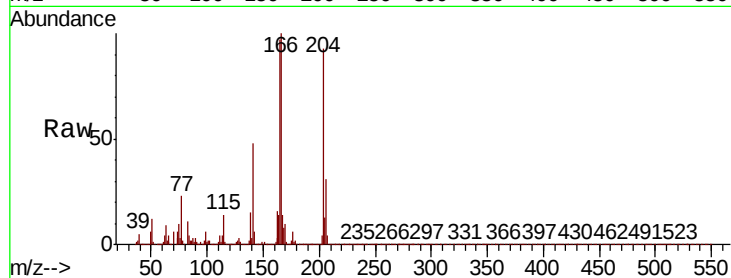
#61
4-Chlorophenyl-phenylether
Concen: 46.666 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.8	38.8
141	50.8	42.8	64.2

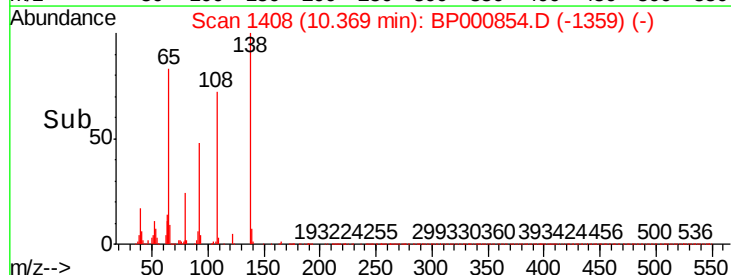
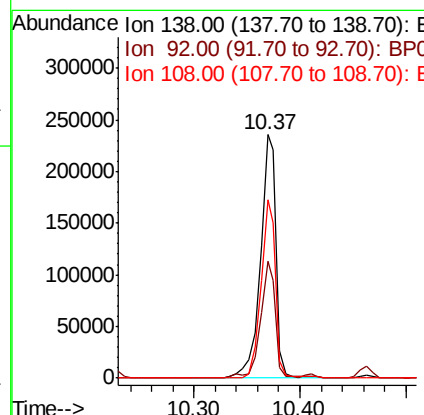
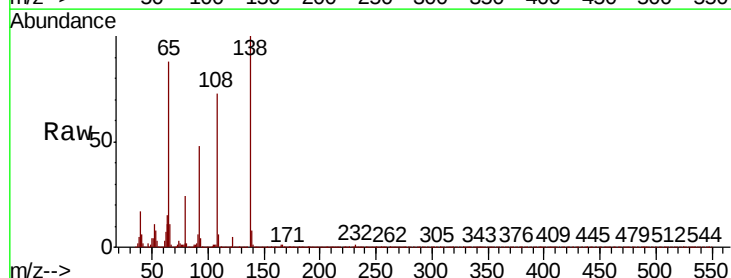
Manual Integrations
APPROVED

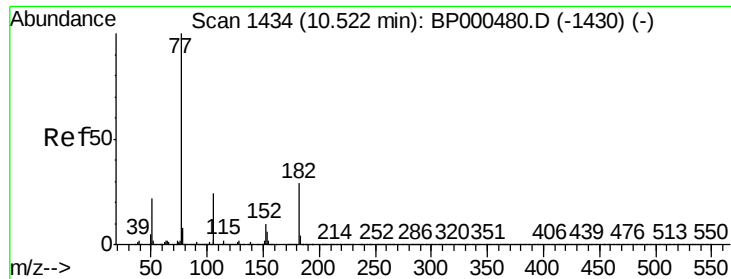
mohammad
10/20/2019 8:16:22 PM



#62
4-Nitroaniline
Concen: 40.068 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	28.7	68.7
108	73.4	50.6	90.6





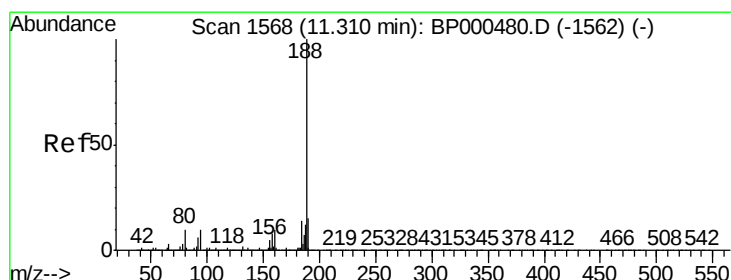
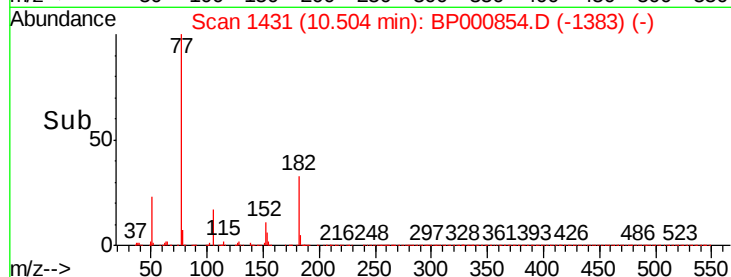
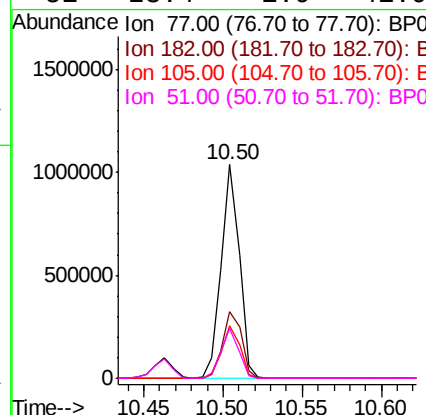
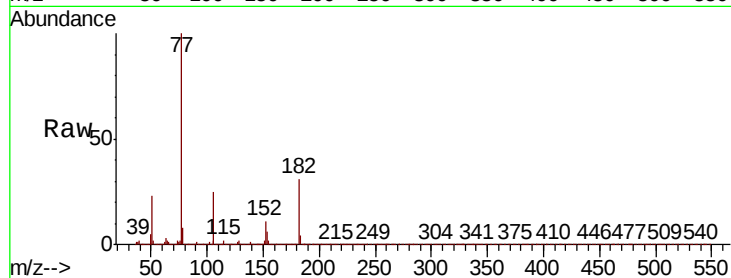
#63
Azobenzene
Concen: 43.891 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	31.3	9.0	49.0		
105	24.6	3.8	43.8		
51	23.4	1.9	41.9		

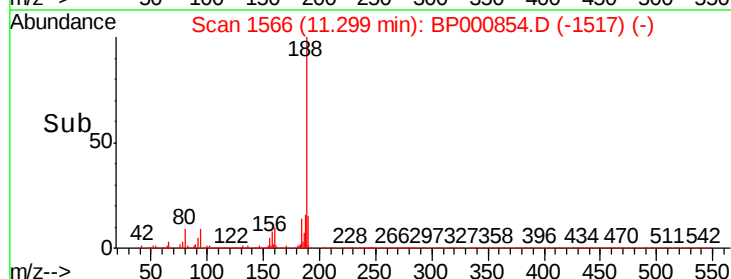
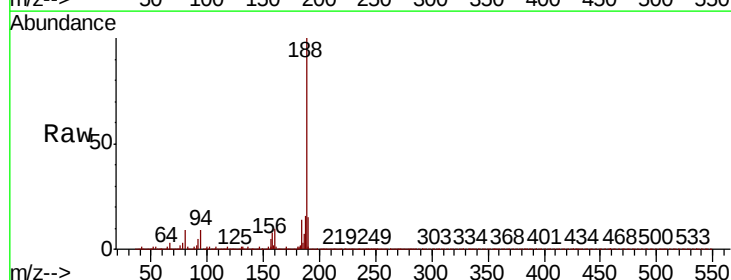
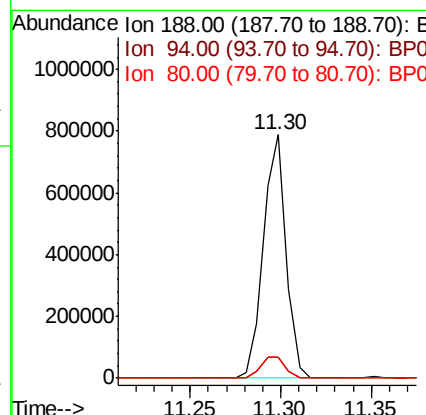
Manual Integrations
APPROVED

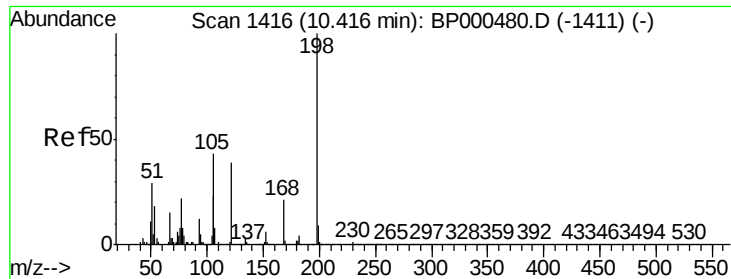
mohammad
10/20/2019 8:16:22 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.8	8.2	12.2		
80	8.8	8.3	12.5		





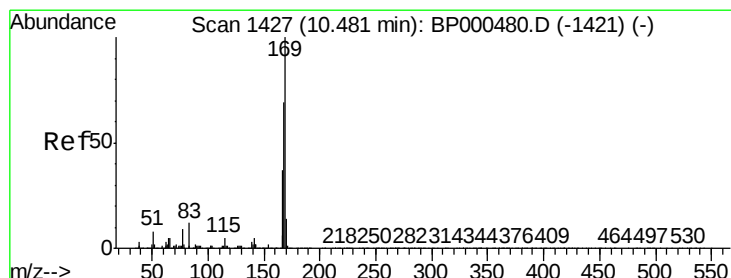
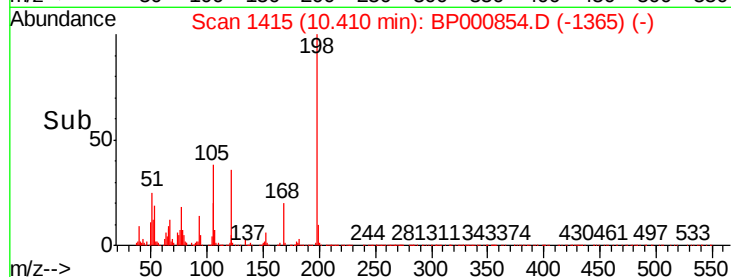
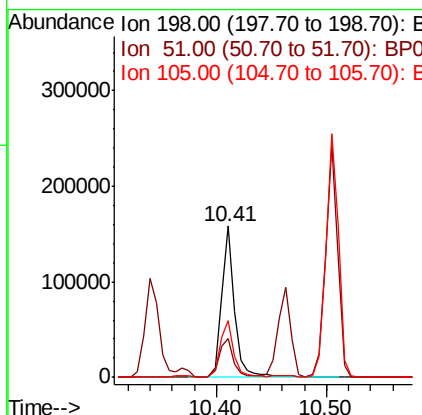
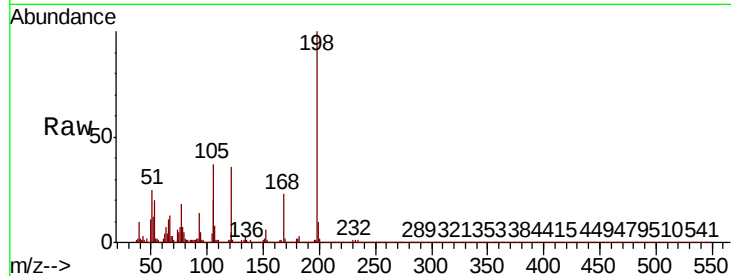
#65
4,6-Dinitro-2-methylphenol
Concen: 42.839 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	129466		
51	25.3	12.8	52.8	
105	37.5	24.0	64.0	

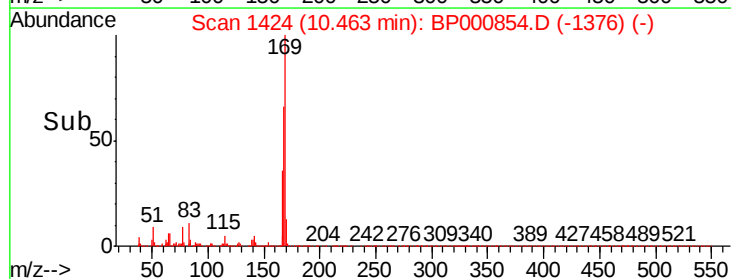
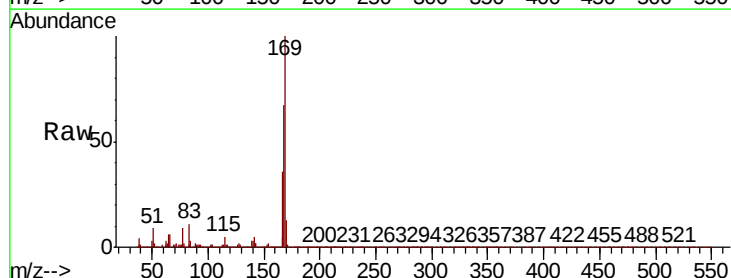
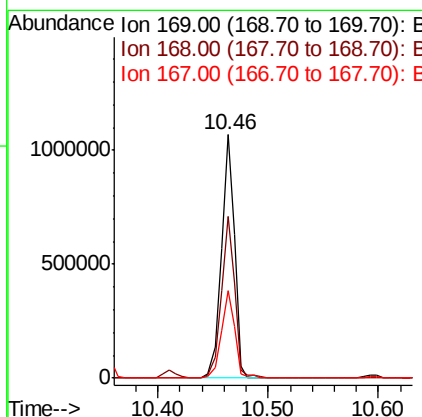
Manual Integrations
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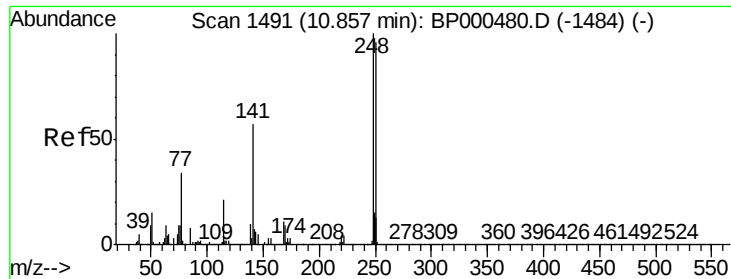
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#66
n-Nitrosodiphenylamine
Concen: 44.261 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	878856		
168	66.6	55.4	83.2	
167	36.0	29.4	44.2	





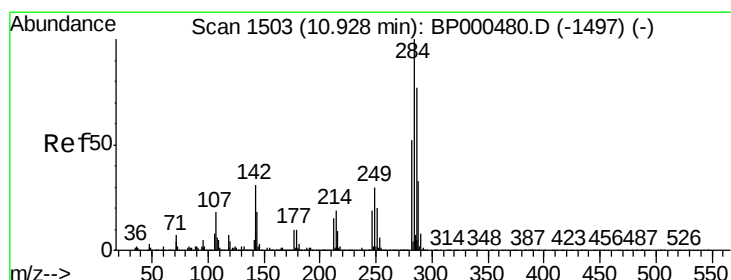
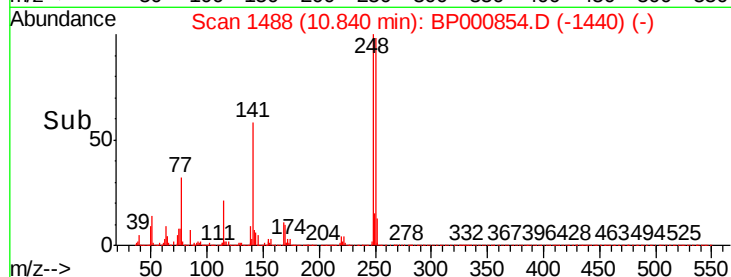
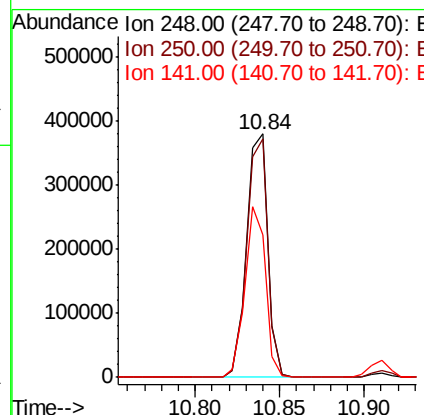
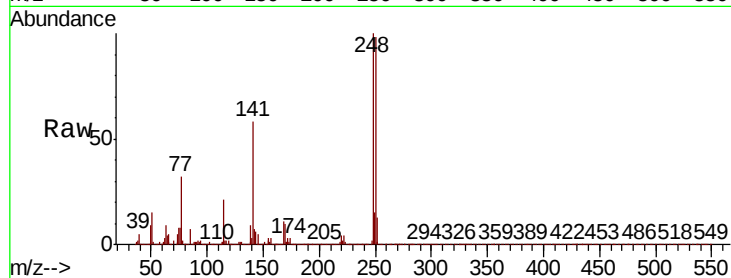
#67
4-Bromophenyl-phenylether
Concen: 43.471 ng
RT: 10.84 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.2	115.8
141	58.4	45.3	67.9

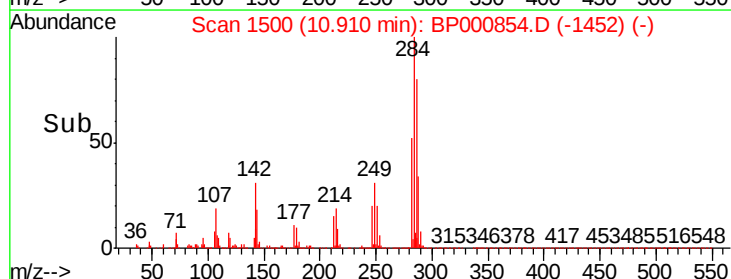
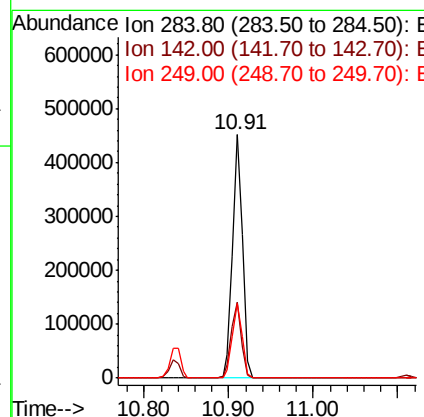
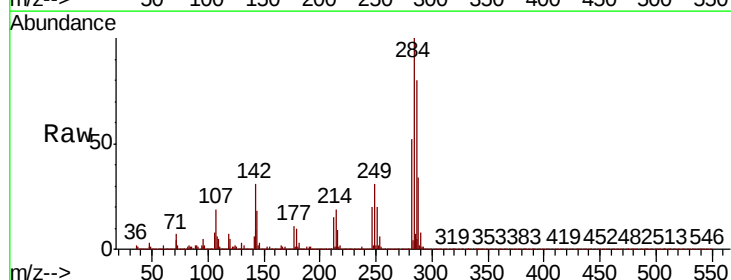
Manual Integrations
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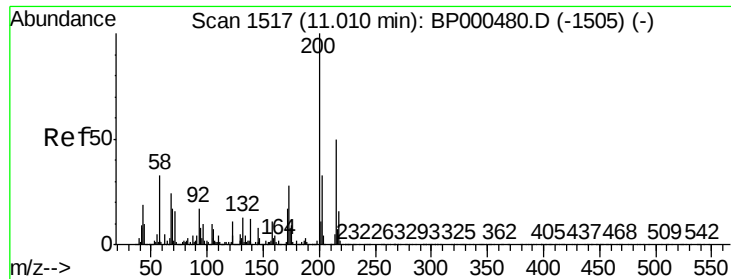
mohammad
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#68
Hexachlorobenzene
Concen: 41.609 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.1	24.6	37.0
249	30.7	24.1	36.1





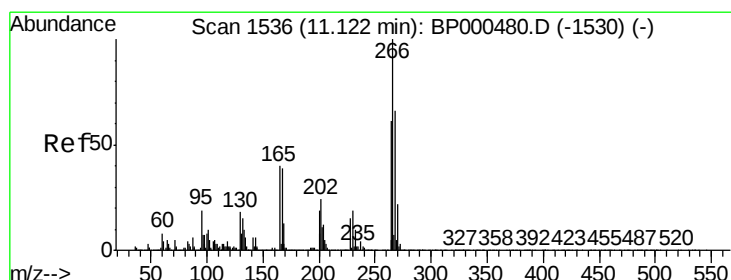
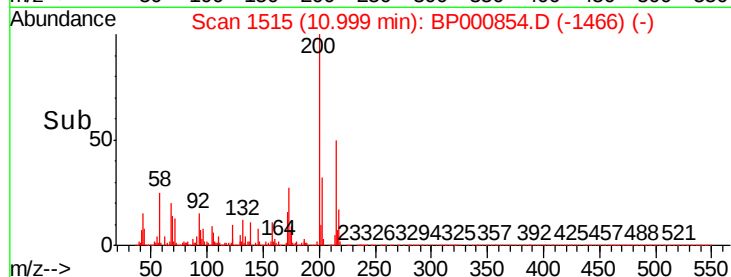
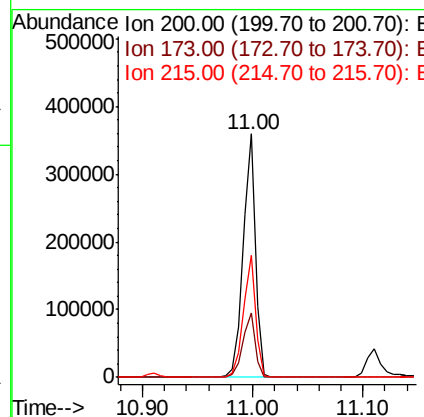
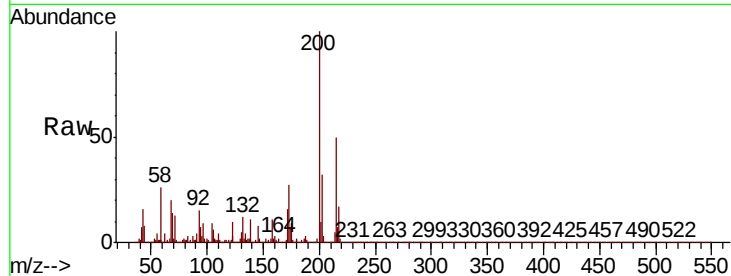
#69
Atrazine
Concen: 43.318 ng
RT: 11.00 min Scan# 1515
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	7.6	47.6
215	50.3	29.5	69.5

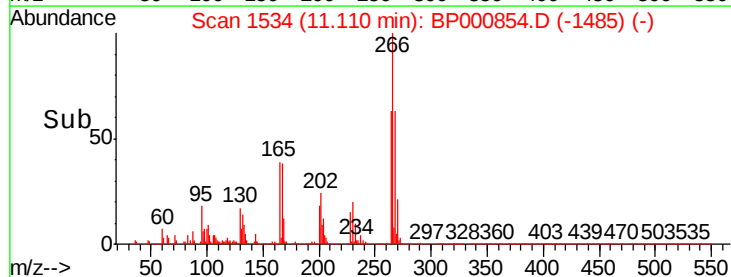
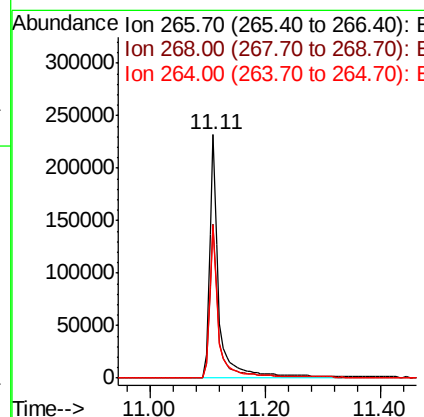
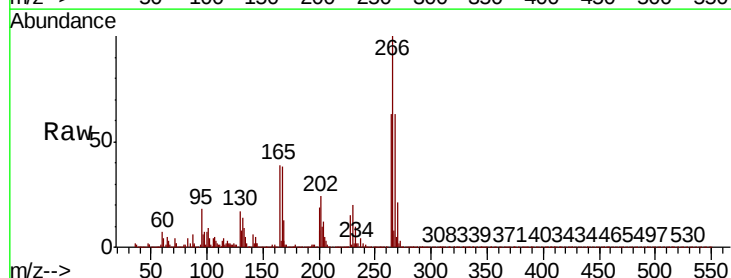
Manual Integrations
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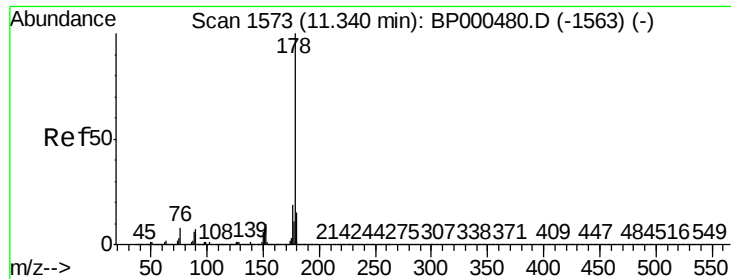
mohammad
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#70
Pentachlorophenol
Concen: 75.893 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	53.2	79.8
264	62.8	49.0	73.4





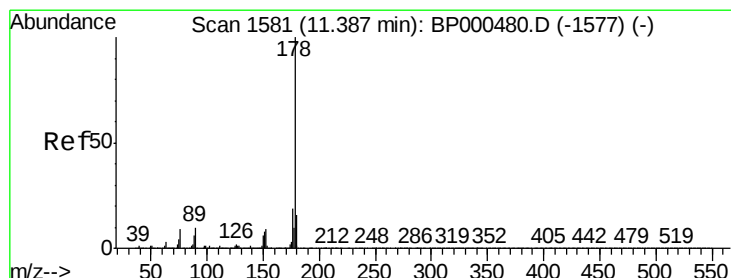
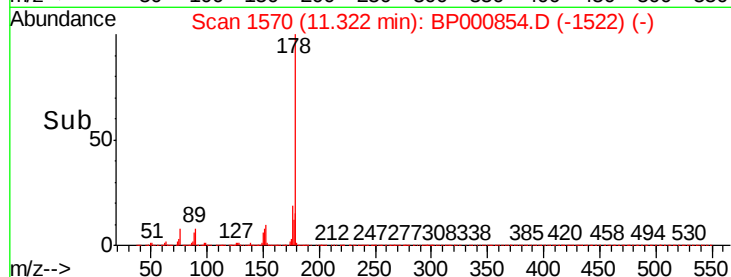
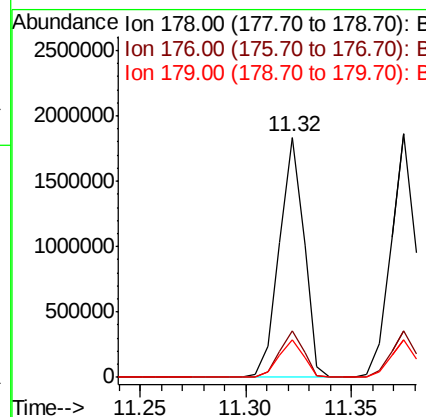
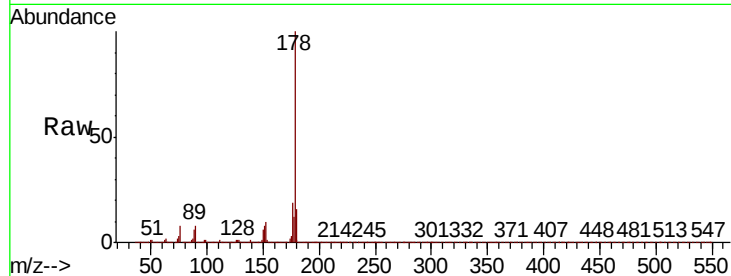
#71
Phenanthrene
Concen: 43.564 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampled :
72-11933MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.5	12.2	18.4

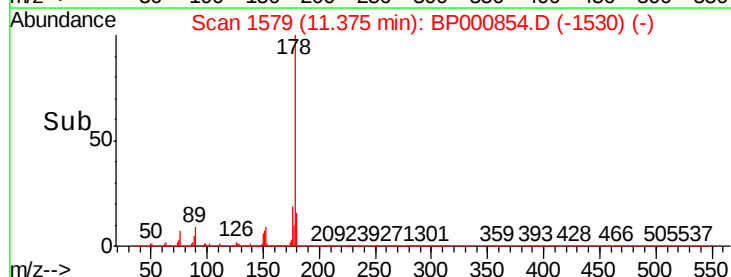
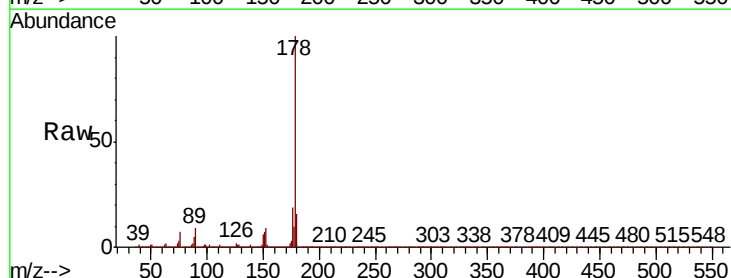
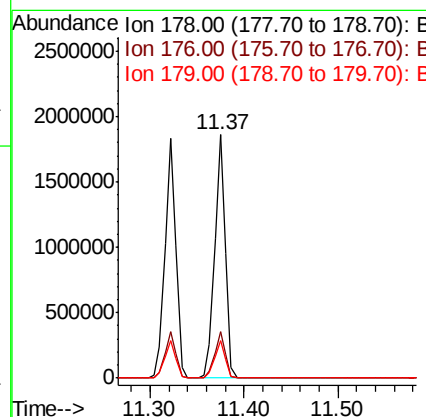
Manual Integrations
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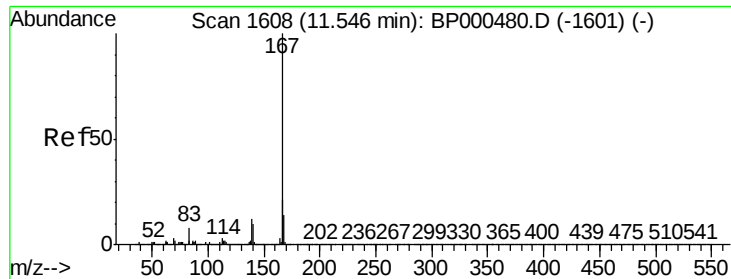
mohammad
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#72
Anthracene
Concen: 44.392 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.7	12.6	19.0





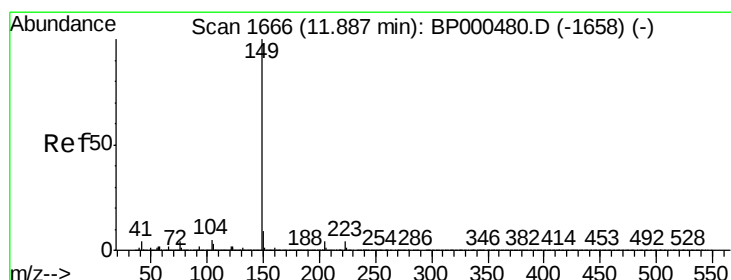
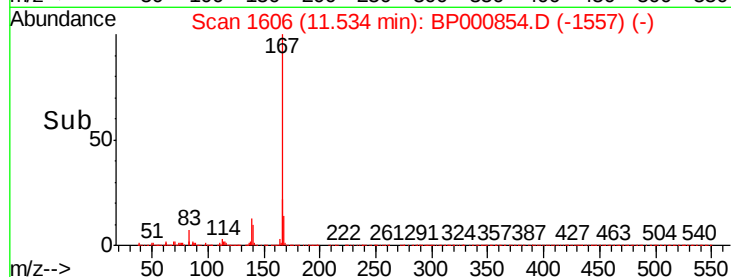
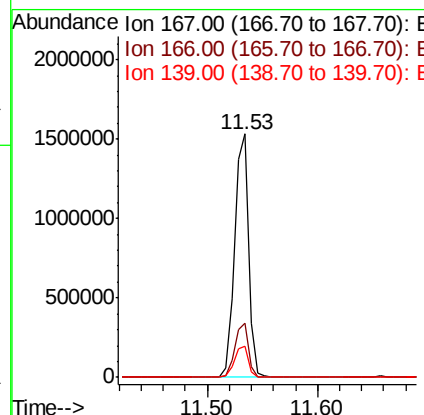
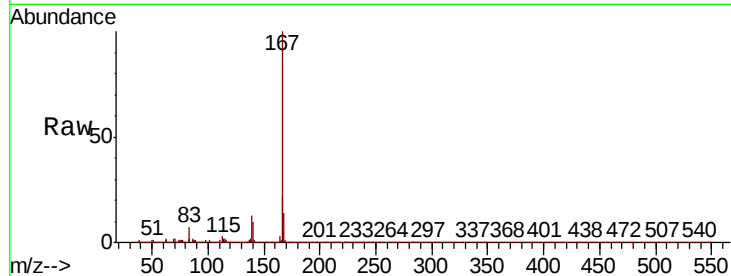
#73
 Carbazole
 Concen: 43.297 ng
 RT: 11.53 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BP000854.D
 Acq: 17 Oct 2019 23:02

Instrument :
 BNA_P
 ClientSampleId :
 72-11933MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	16.9	25.3
139	12.6	9.7	14.5

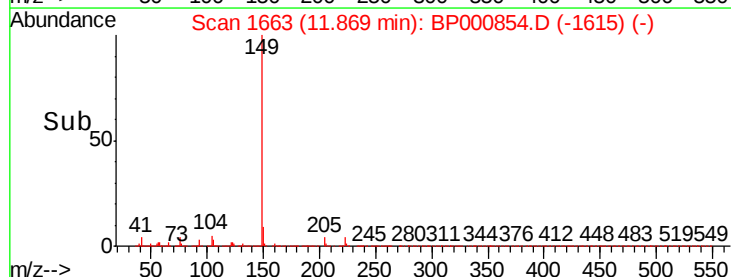
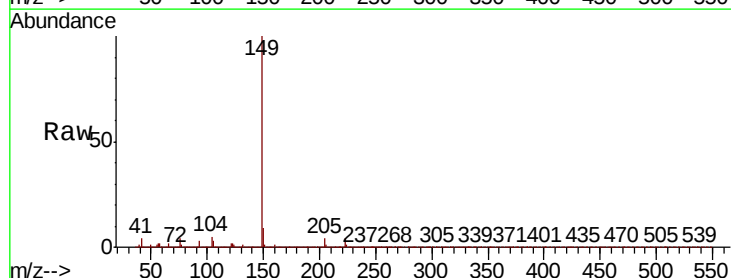
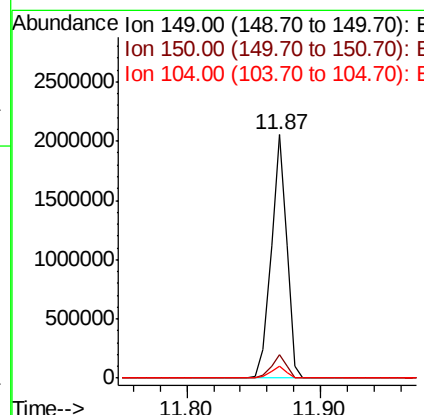
Manual Integrations
 APPROVED

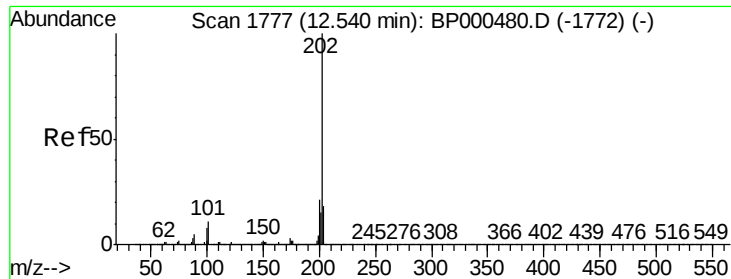
mohammad
 10/20/2019 8:16:22 PM



#74
 Di-n-butylphthalate
 Concen: 42.898 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BP000854.D
 Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 43.705 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

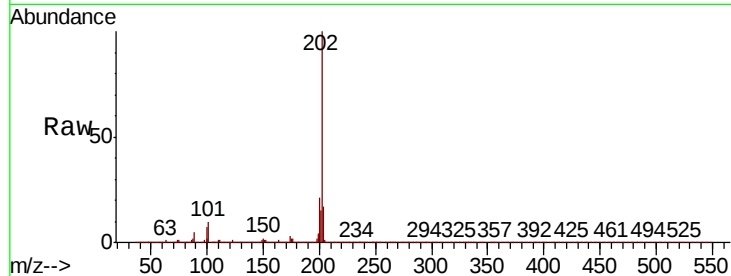
ClientSampleId :

72-11933MS

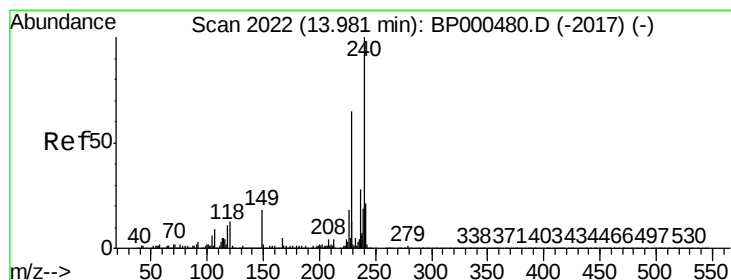
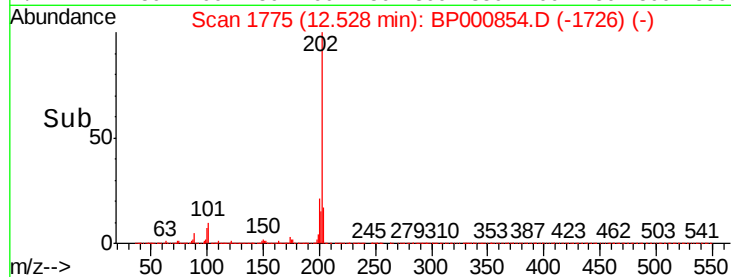
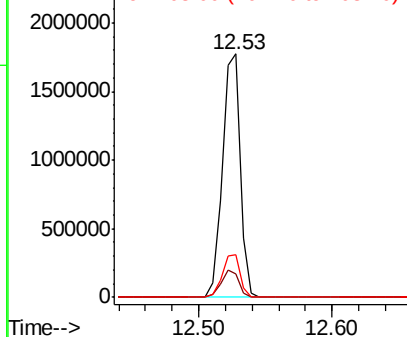
Tot Ion:	202	Resp:	1680636
Ion Ratio	Lower	Upper	
202	100		
101	9.8	0.0	31.3
203	17.3	0.0	38.1

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

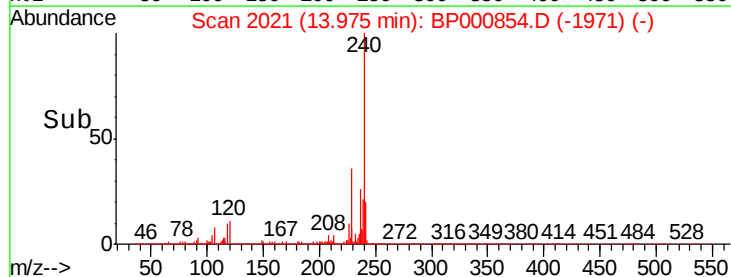
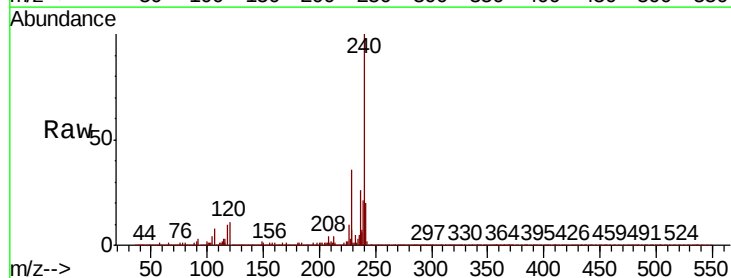
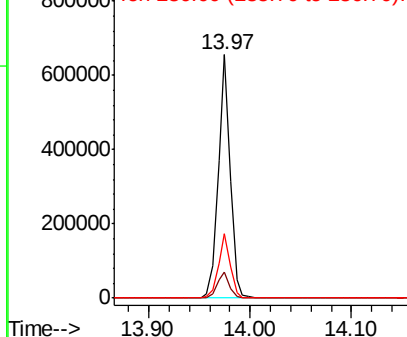
Delta R.T. -0.01 min

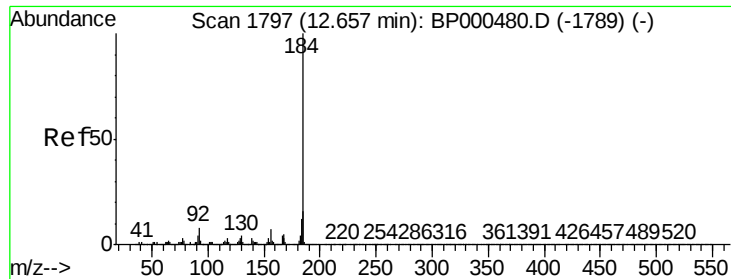
Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Tgt Ion:	240	Resp:	531687
Ion Ratio	Lower	Upper	
240	100		
120	10.6	10.1	15.1
236	26.3	22.7	34.1

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





#77

Benzidine

Concen: 42.830 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

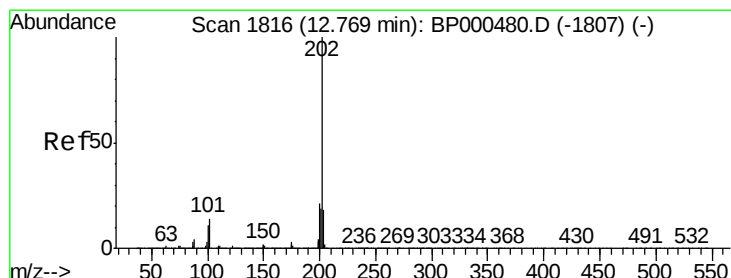
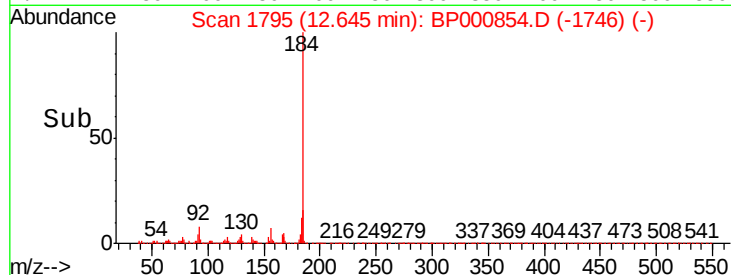
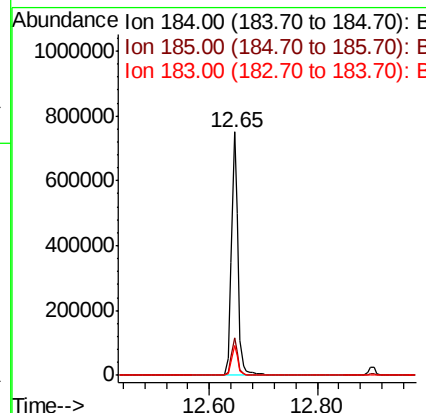
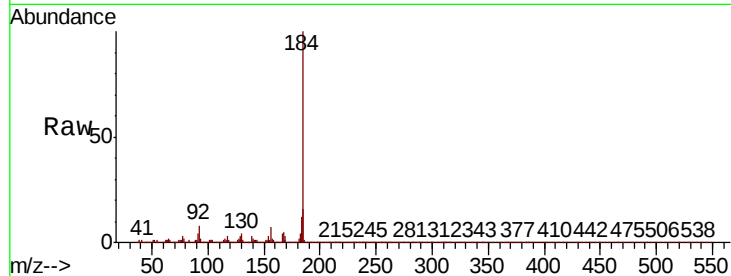
ClientSampleId :

72-11933MS

Tot Ion:	184	Resp:	659430
Ion Ratio	Lower	Upper	
184	100		
185	15.6	12.7	19.1
183	12.1	9.7	14.5

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#78

Pyrene

Concen: 45.720 ng

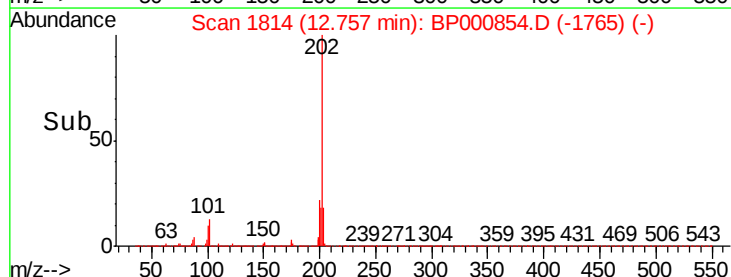
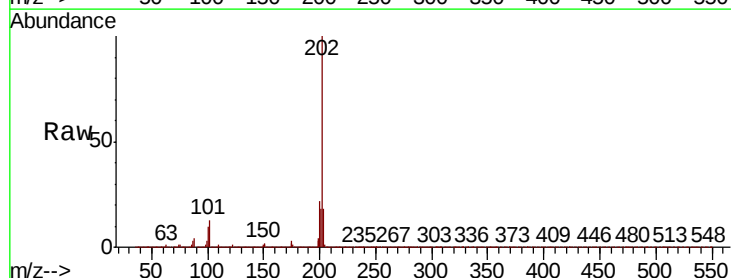
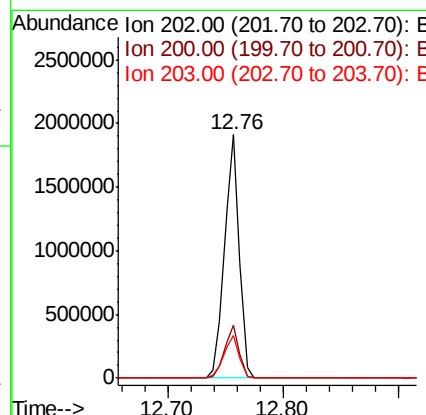
RT: 12.76 min Scan# 1814

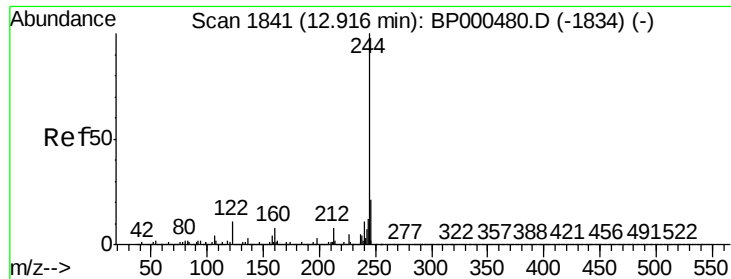
Delta R.T. -0.01 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Tgt Ion:	202	Resp:	1676570
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.1	25.7
203	17.5	14.6	21.8





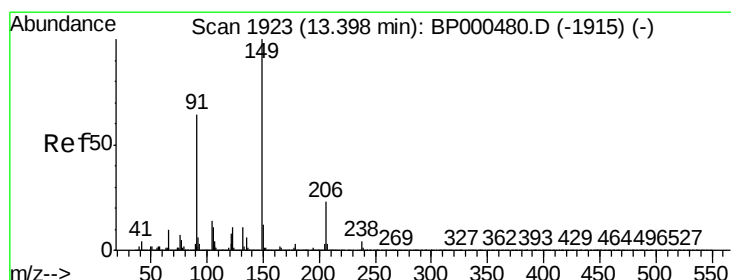
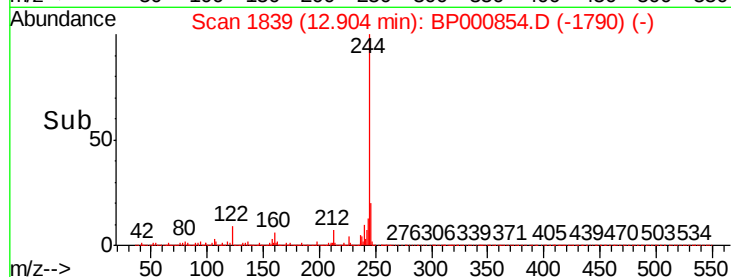
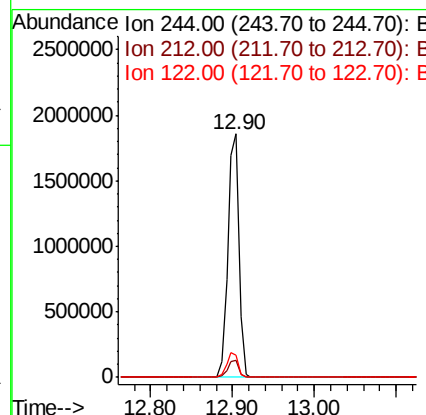
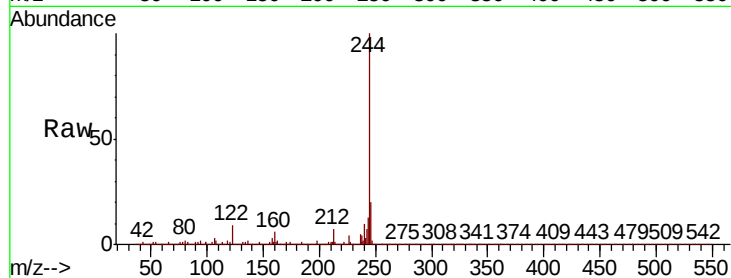
#79
Terphenyl-d14
Concen: 66.524 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	9.3	8.9	13.3

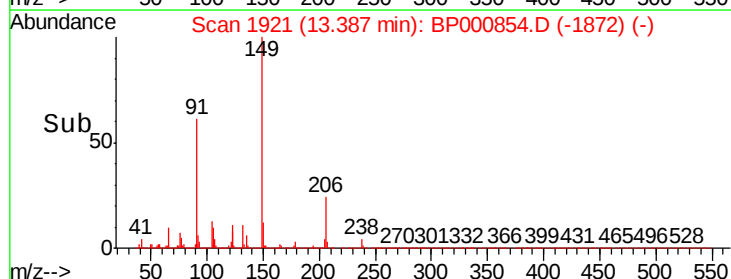
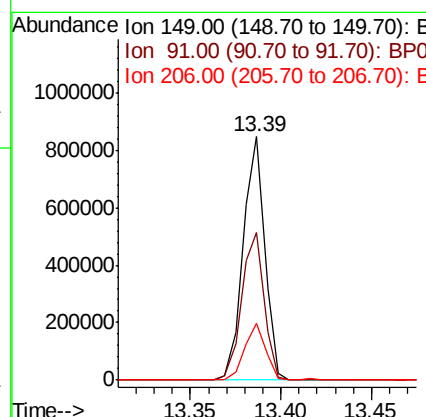
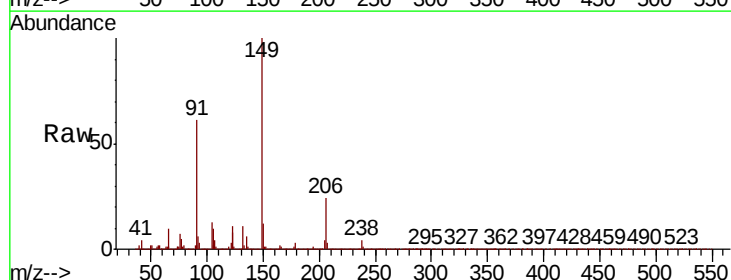
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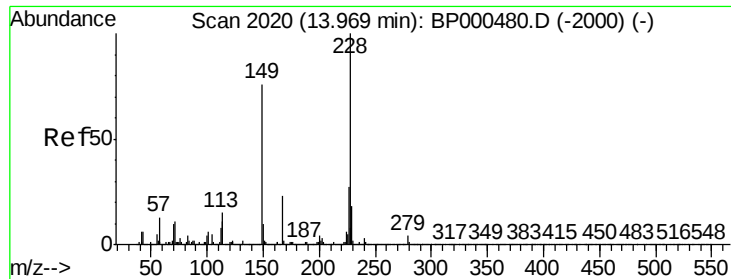
mohammad
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#80
Butylbenzylphthalate
Concen: 43.939 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	60.8	51.0	76.4
206	23.6	18.2	27.4





#81

Benzo(a)anthracene

Concen: 43.320 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Instrument :

BNA_P

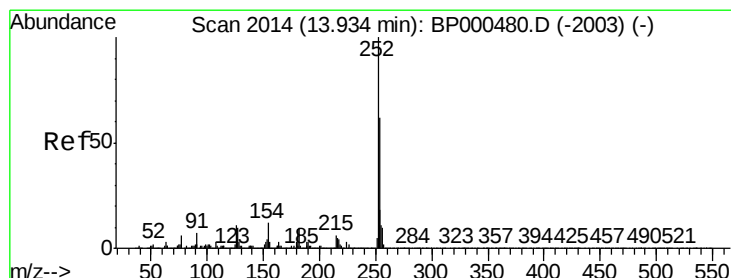
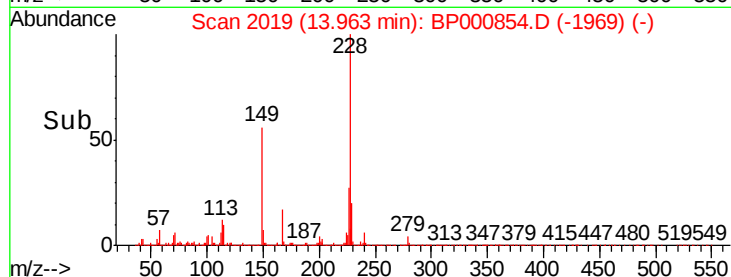
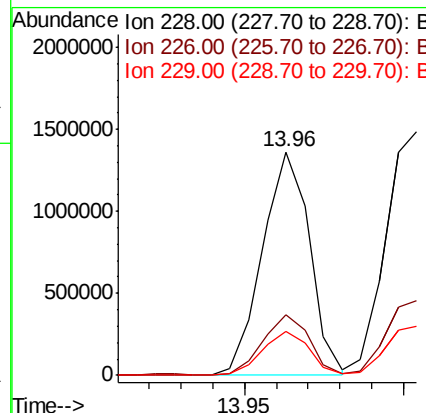
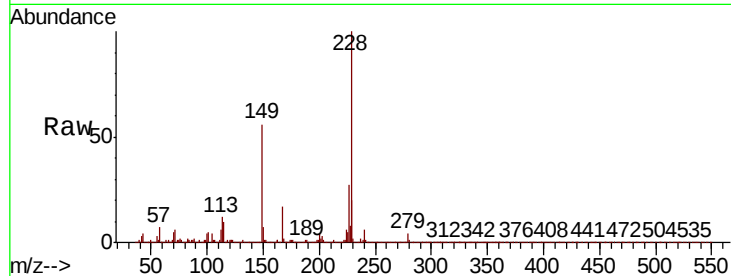
ClientSampleId :

72-11933MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.4	32.2
229	19.9	14.7	22.1

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#82

3,3'-Dichlorobenzidine

Concen: 34.896 ng

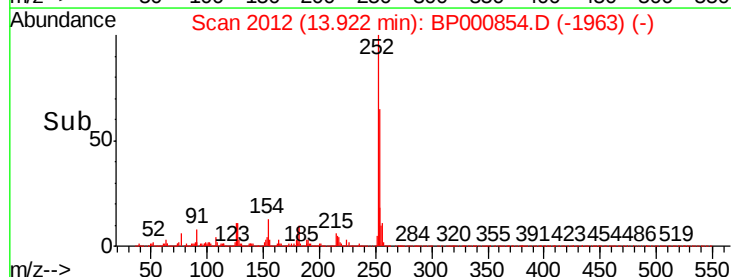
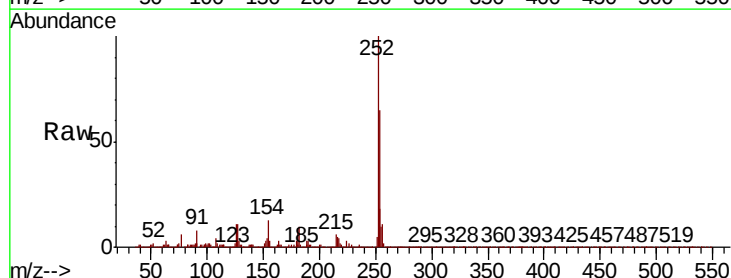
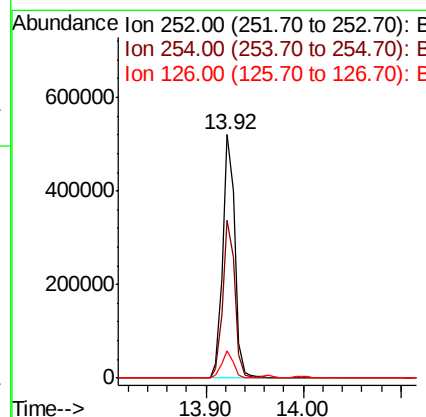
RT: 13.92 min Scan# 2012

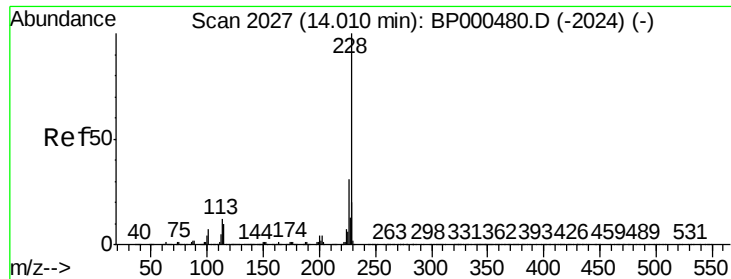
Delta R.T. -0.01 min

Lab File: BP000854.D

Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	49.8	74.8
126	11.2	8.9	13.3





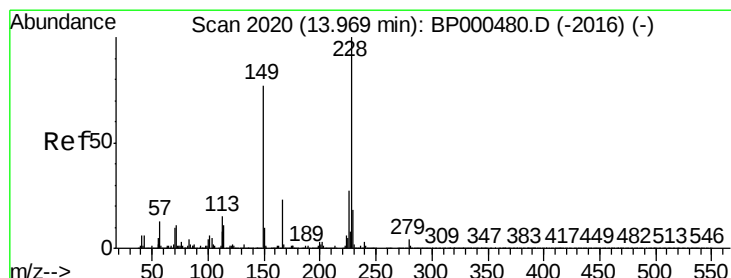
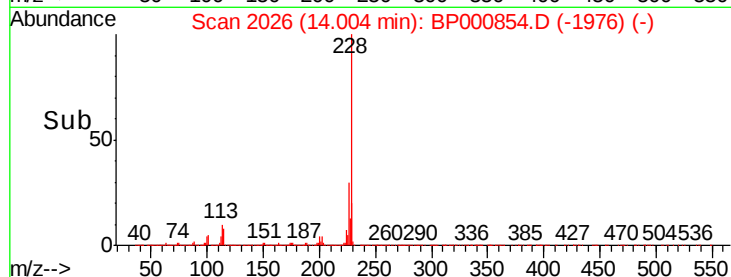
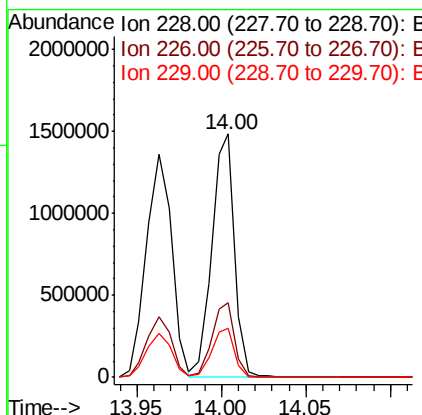
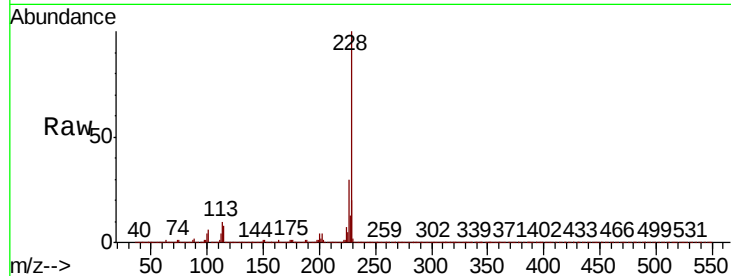
#83
 Chrysene
 Concen: 43.635 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BP000854.D
 Acq: 17 Oct 2019 23:02

Instrument :
 BNA_P
 ClientSampleId :
 72-11933MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.7	37.1
229	19.9	16.3	24.5

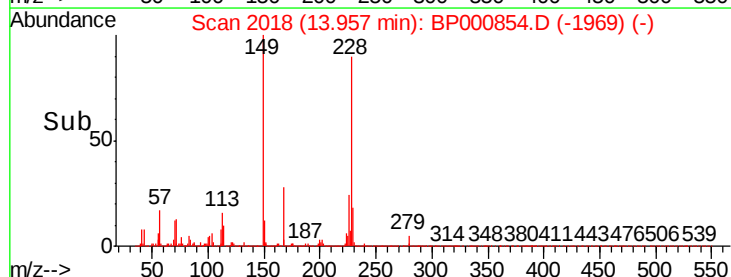
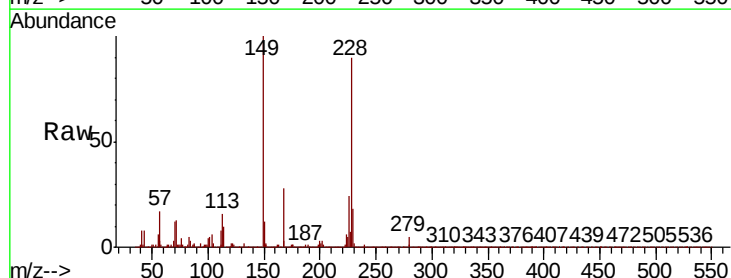
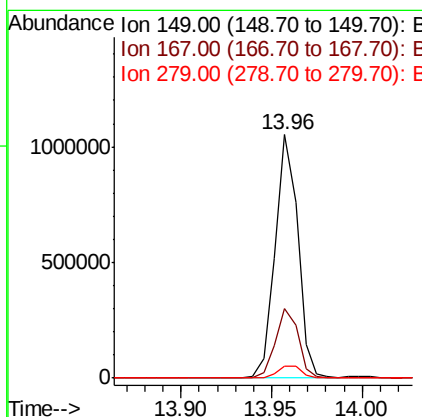
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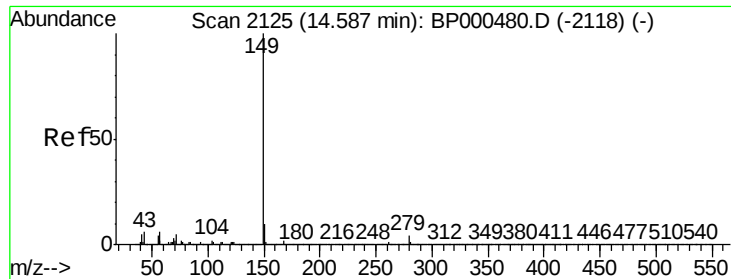
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.476 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000854.D
 Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.6	35.4
279	5.0	3.9	5.9





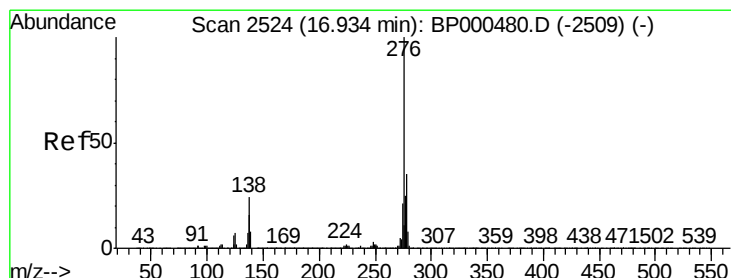
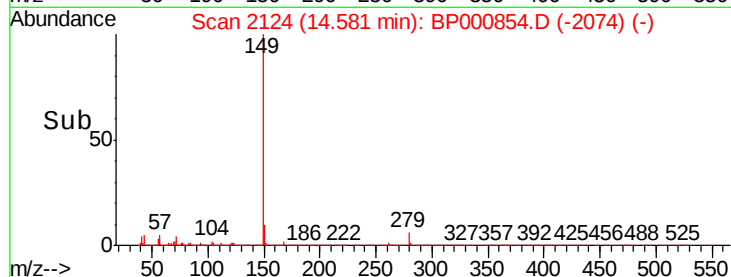
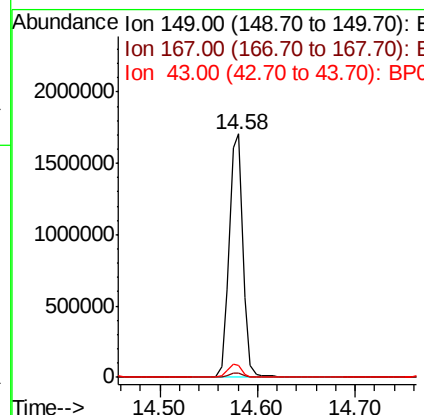
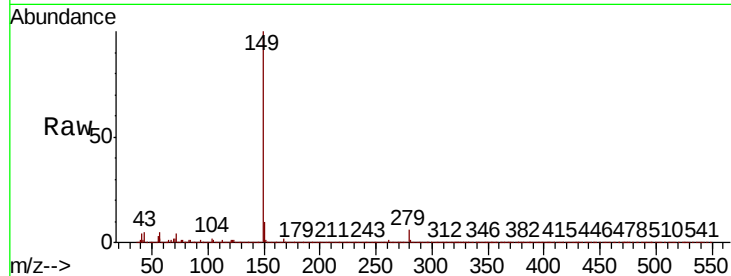
#85
Di-n-octyl phthalate
Concen: 45.832 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	5.4	4.6	7.0

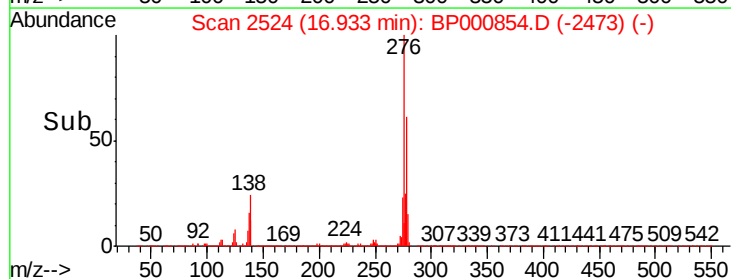
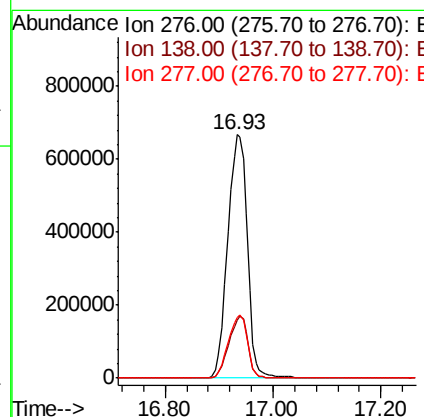
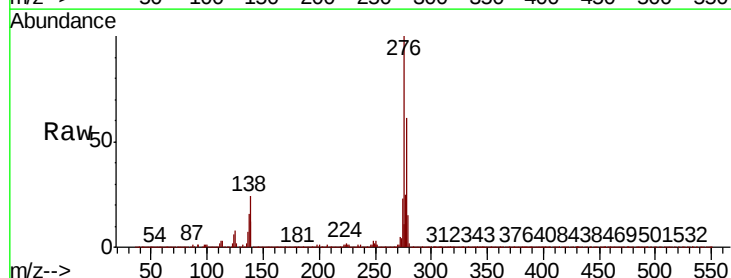
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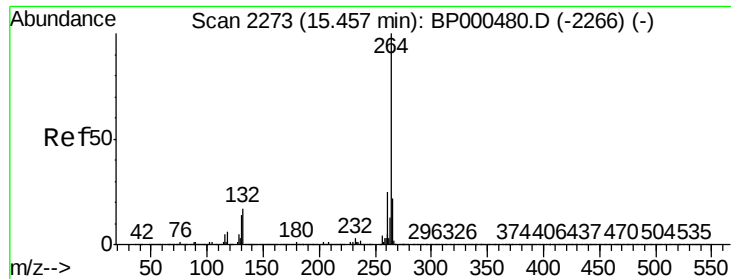
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.229 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.9	31.3
277	25.5	20.6	30.8





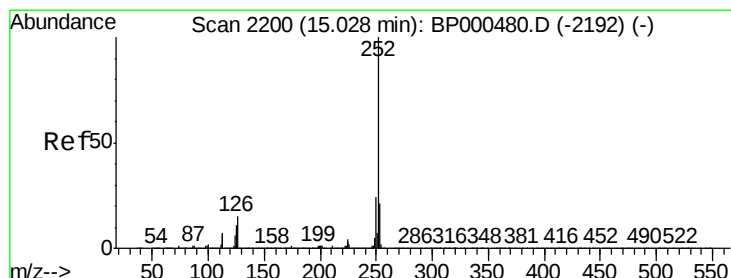
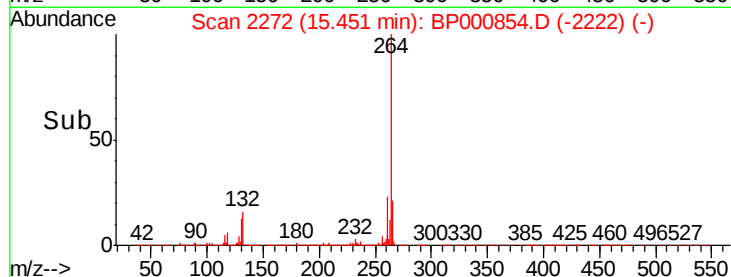
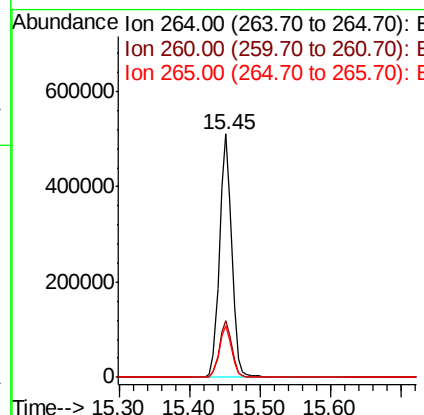
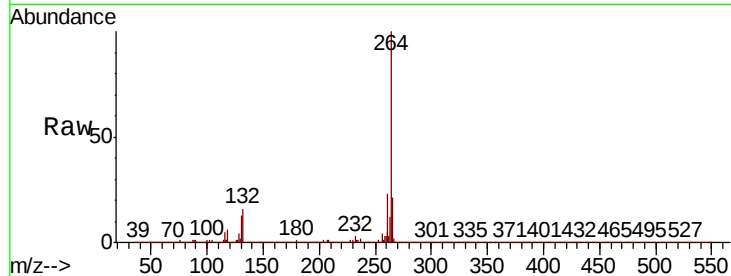
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.3	30.5
265	21.4	18.0	27.0

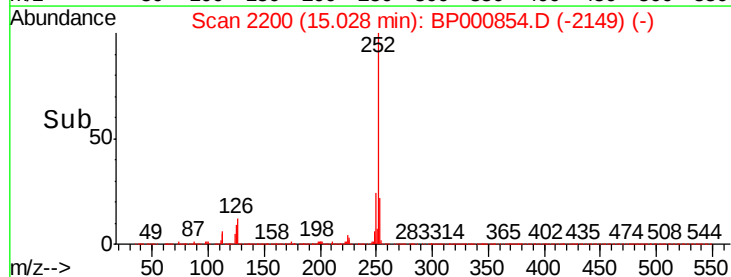
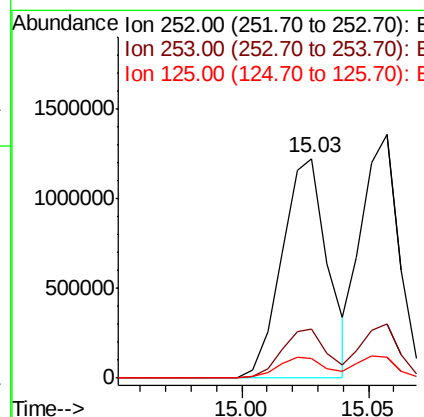
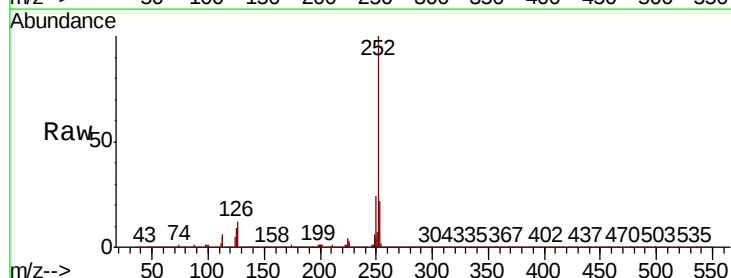
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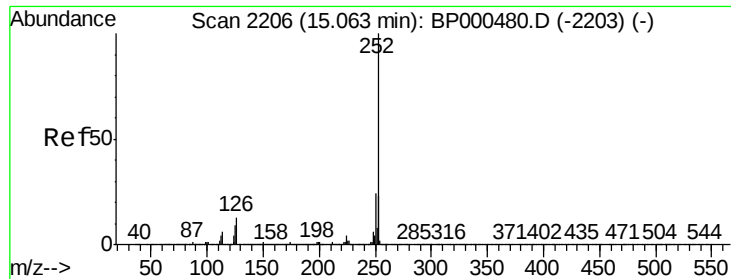
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.010 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	9.2	8.9	13.3





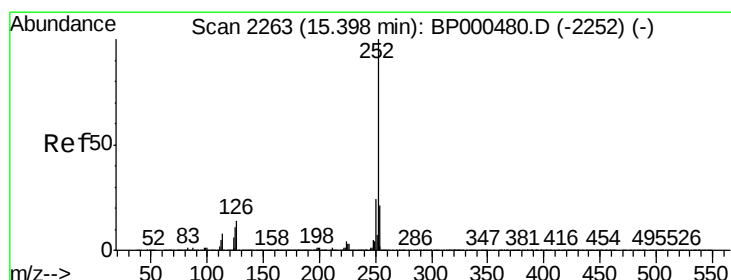
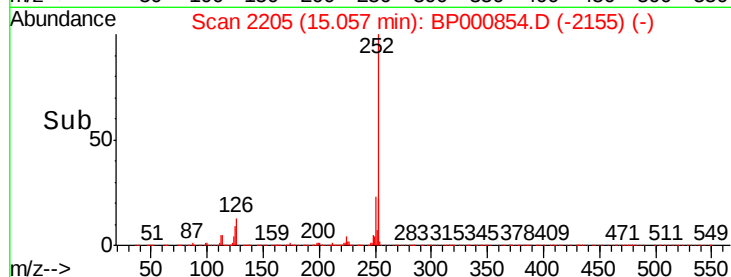
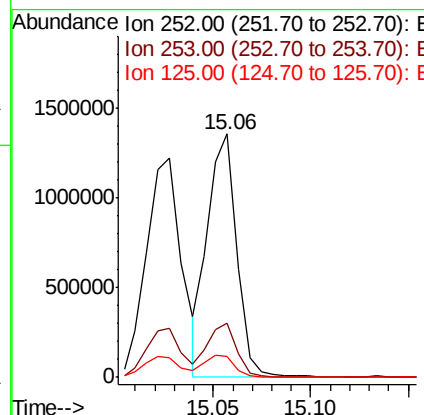
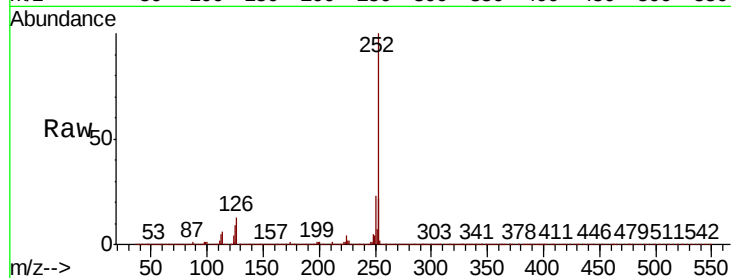
#89
Benzo(k)fluoranthene
Concen: 42.339 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	8.8	7.8	11.8

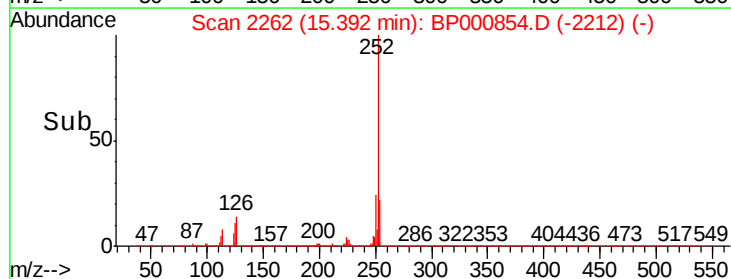
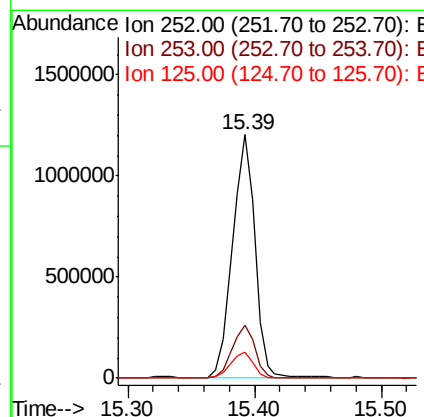
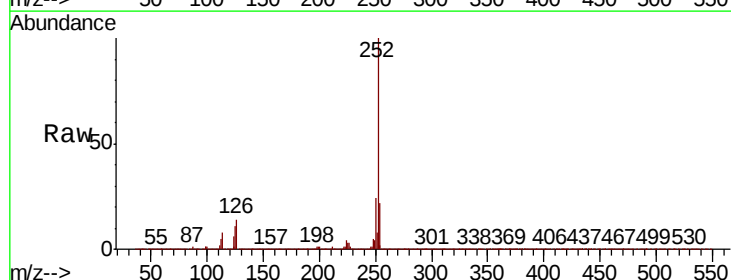
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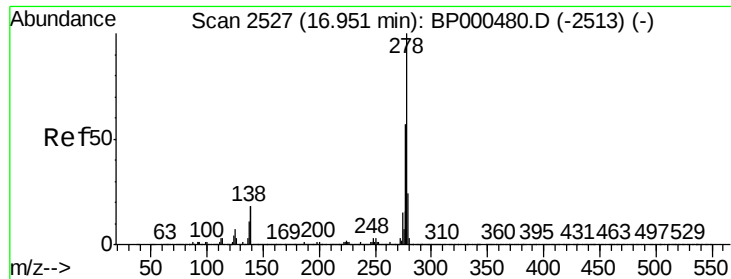
mohammad
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#90
Benzo(a)pyrene
Concen: 44.997 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.9	8.4	12.6





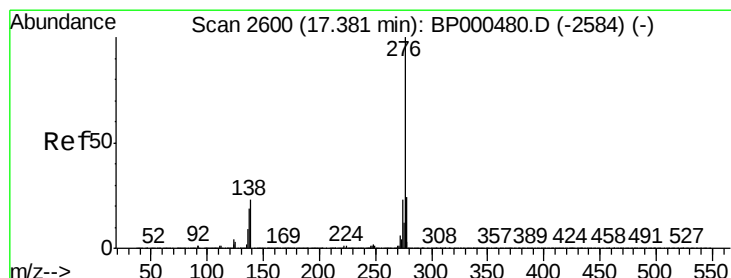
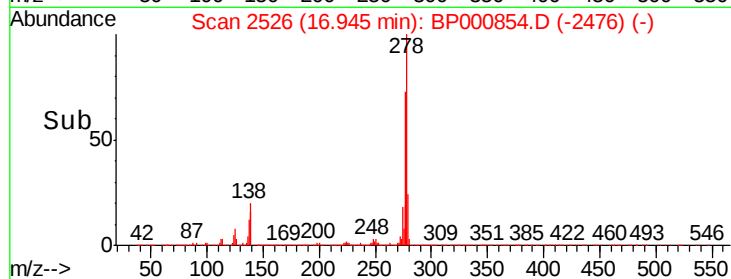
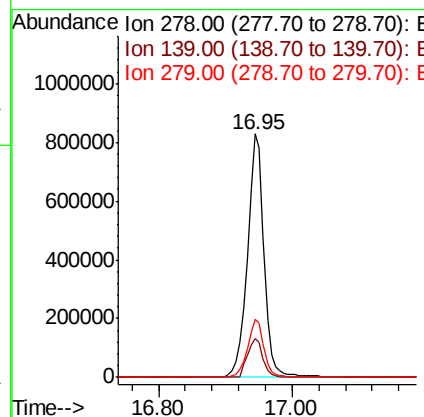
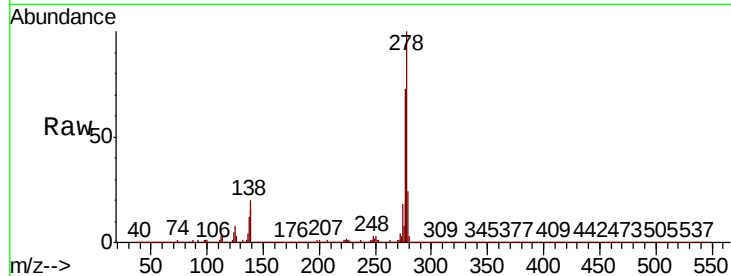
#91
Dibenzo(a,h)anthracene
Concen: 44.531 ng
RT: 16.95 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Instrument :
BNA_P
ClientSampleId :
72-11933MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.1	21.1
279	23.6	19.5	29.3

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.745 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.00 min
Lab File: BP000854.D
Acq: 17 Oct 2019 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.4	29.2
138	20.8	18.5	27.7

