

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082420\
 Data File : BP003095.D
 Acq On : 24 Aug 2020 17:20
 Operator : CG/JU
 Sample : L3506-10MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

Quant Time: Aug 24 18:03:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	264667	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1036703	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	630269	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1350196	20.00	ng	0.00
76) Chrysene-d12	21.16	240	1356502	20.00	ng	0.00
86) Perylene-d12	23.39	264	1475062	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1700909	113.62	ng	0.00
7) Phenol-d6	6.85	99	1814752	96.71	ng	0.00
23) Nitrobenzene-d5	8.81	82	1280304	89.03	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1091445	128.04	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3593901	83.51	ng	0.00
79) Terphenyl-d14	19.64	244	4906919	79.60	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	221290	38.667	ng	# 53
3) Pyridine	3.61	79	424942	28.214	ng	99
4) n-Nitrosodimethylamine	3.52	42	184146	46.821	ng	93
6) Aniline	7.00	93	430099	21.051	ng	100
8) 2-Chlorophenol	7.23	128	831625	49.832	ng	98
9) Benzaldehyde	6.80	77	313363	35.818	ng	99
10) Phenol	6.88	94	731342	42.054	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	655791	47.644	ng	99
12) 1,3-Dichlorobenzene	7.56	146	945745	46.607	ng	100
13) 1,4-Dichlorobenzene	7.70	146	957185	46.725	ng	99
14) 1,2-Dichlorobenzene	8.02	146	911215	46.918	ng	99
15) Benzyl Alcohol	7.90	79	552978	52.301	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	519485	44.536	ng	100
17) 2-Methylphenol	8.12	107	605336	48.862	ng	98
18) Hexachloroethane	8.74	117	316382	47.208	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	404707	47.735	ng	99
20) 3+4-Methylphenols	8.44	107	804847	48.217	ng	99
22) Acetophenone	8.48	105	1054927	45.693	ng	100
24) Nitrobenzene	8.85	77	671478	47.540	ng	99
25) Isophorone	9.38	82	1278905	50.404	ng	99
26) 2-Nitrophenol	9.56	139	454990	54.046	ng	100
27) 2,4-Dimethylphenol	9.63	122	705281	55.729	ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	847537	44.847	ng	99
29) 2,4-Dichlorophenol	10.10	162	794722	50.615	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	856757	45.828	ng	99
31) Naphthalene	10.49	128	2479794	46.558	ng	99
32) Benzoic acid	9.79	122	399163	42.126	ng	97
33) 4-Chloroaniline	10.60	127	161207	7.244	ng	99
34) Hexachlorobutadiene	10.79	225	507080	45.195	ng	98
35) Caprolactam	11.38	113	80970	17.161	ng	99
36) 4-Chloro-3-methylphenol	11.75	107	750235	51.175	ng	99
37) 2-Methylnaphthalene	12.12	142	1805605	47.389	ng	99
38) 1-Methylnaphthalene	12.33	142	1689563	46.654	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	881641	47.195	ng	99

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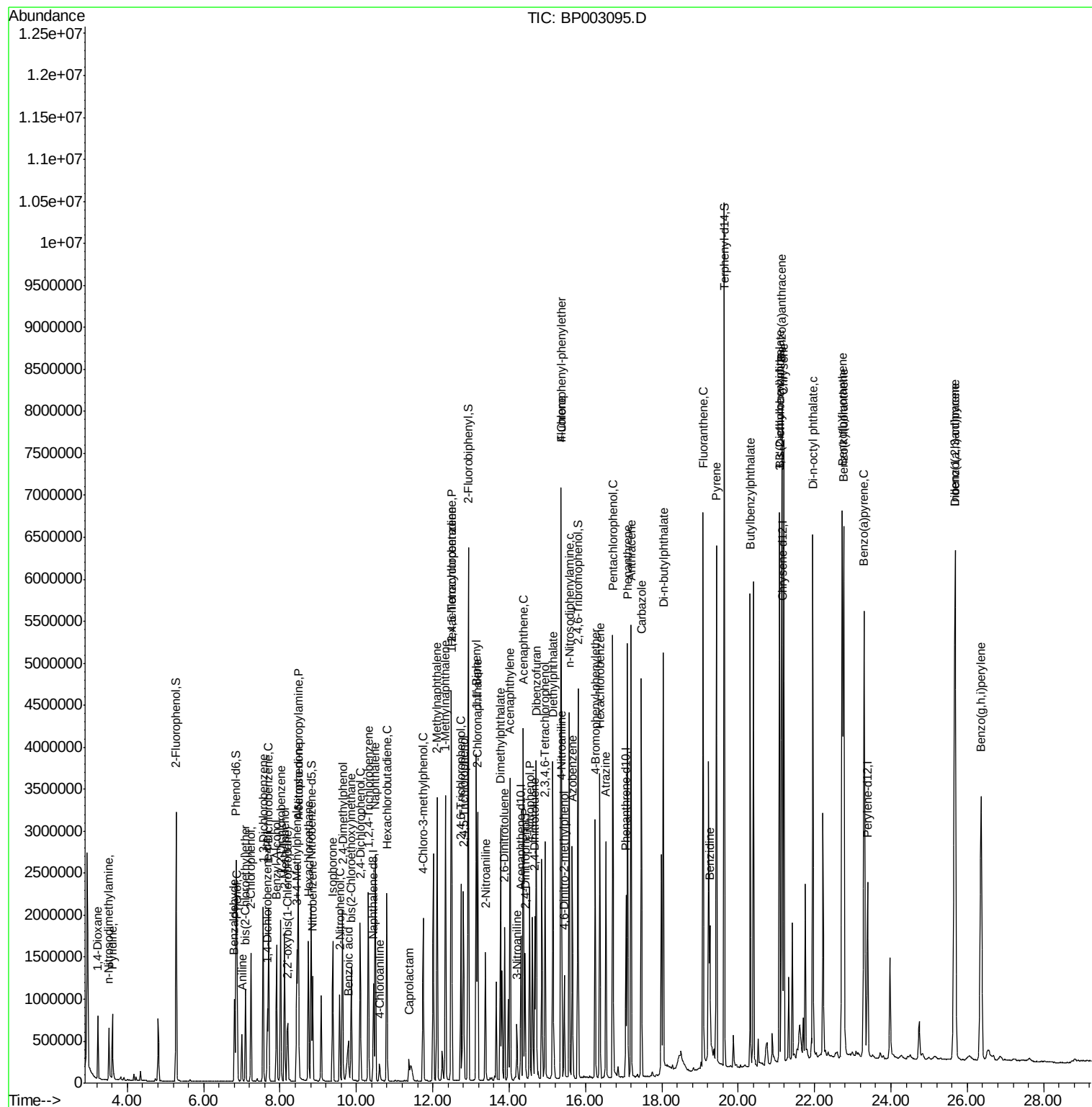
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	939618	106.405	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	632295	51.476	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	688145	52.964	ng	99
46) 1,1'-Biphenyl	13.14	154	2268396	47.983	ng	99
47) 2-Chloronaphthalene	13.17	162	1737226	44.892	ng	99
48) 2-Nitroaniline	13.37	65	352375	48.633	ng	95
49) Acenaphthylene	14.02	152	2838111	48.502	ng	99
50) Dimethylphthalate	13.77	163	2281241	47.463	ng	100
51) 2,6-Dinitrotoluene	13.88	165	513736	51.429	ng	99
52) Acenaphthene	14.37	154	1645434	45.772	ng	100
53) 3-Nitroaniline	14.20	138	228766	20.213	ng	96
54) 2,4-Dinitrophenol	14.42	184	428093	78.601	ng	100
55) Dibenzofuran	14.71	168	2622695	46.455	ng	99
56) 4-Nitrophenol	14.53	139	831656	102.141	ng	98
57) 2,4-Dinitrotoluene	14.67	165	702097	52.273	ng	98
58) Fluorene	15.36	166	1969000	45.275	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	607303	51.663	ng	99
60) Diethylphthalate	15.15	149	2433397	51.604	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	1003096	44.663	ng	98
62) 4-Nitroaniline	15.38	138	511138	43.936	ng	98
63) Azobenzene	15.65	77	1495422	47.782	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	350360	54.259	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1883002	47.695	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	701778	47.095	ng	99
68) Hexachlorobenzene	16.37	284	822741	46.375	ng	98
69) Atrazine	16.53	200	600855	45.124	ng	100
70) Pentachlorophenol	16.72	266	1048498	123.589	ng	99
71) Phenanthrene	17.10	178	3379743	46.195	ng	99
72) Anthracene	17.19	178	3441882	49.156	ng	100
73) Carbazole	17.46	167	3283146	48.856	ng	99
74) Di-n-butylphthalate	18.04	149	3994419	50.565	ng	100
75) Fluoranthene	19.08	202	4014199	47.472	ng	99
77) Benzidine	19.26	184	776554	25.048	ng	97
78) Pyrene	19.43	202	4057601	46.088	ng	99
80) Butylbenzylphthalate	20.32	149	1881184	51.895	ng	95
81) Benzo(a)anthracene	21.14	228	4029606	47.424	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	730217	23.363	ng	100
83) Chrysene	21.19	228	3796967	46.672	ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2731139	52.171	ng	99
85) Di-n-octyl phthalate	21.96	149	4738822	52.798	ng	99
87) Indeno(1,2,3-cd)pyrene	25.67	276	4703431	42.758	ng	99
88) Benzo(b)fluoranthene	22.72	252	4293391	46.830	ng	99
89) Benzo(k)fluoranthene	22.76	252	4137382	47.233	ng	99
90) Benzo(a)pyrene	23.29	252	3905573	45.919	ng	99
91) Dibenzo(a,h)anthracene	25.68	278	3943515	43.640	ng	100
92) Benzo(g,h,i)perylene	26.36	276	4046722	44.624	ng	99

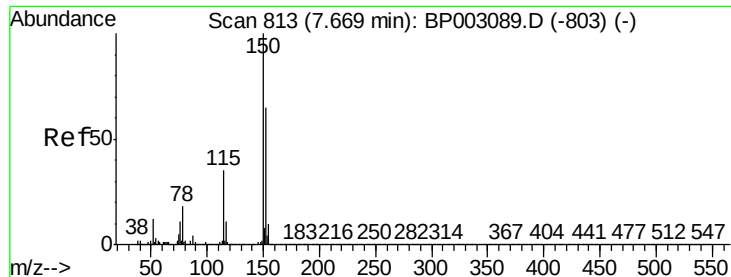
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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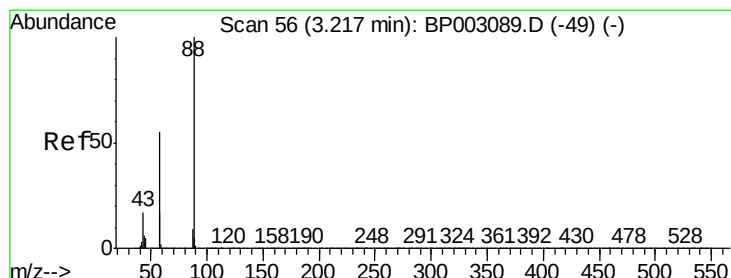
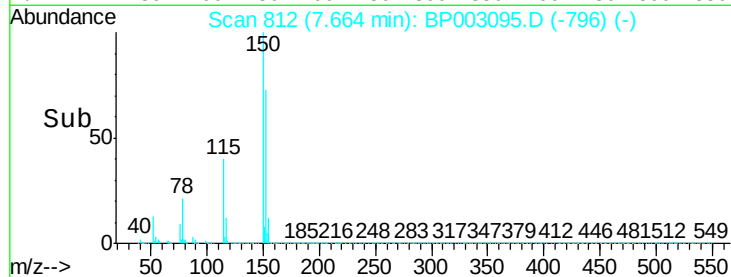
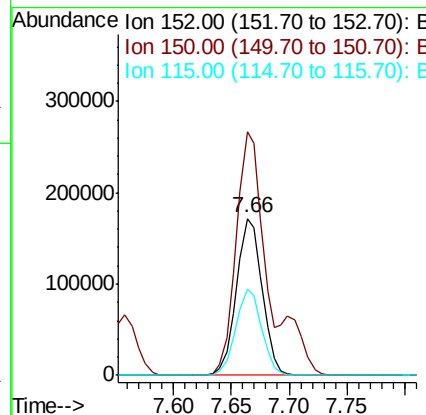
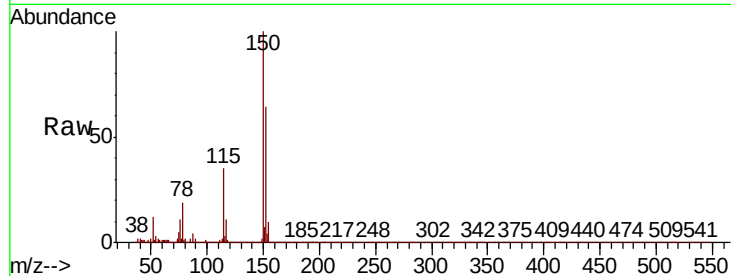


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Instrument :
BNA_P
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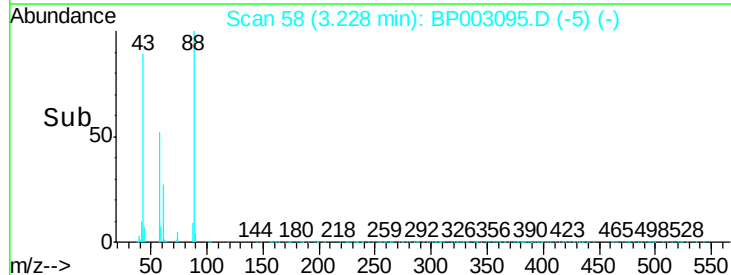
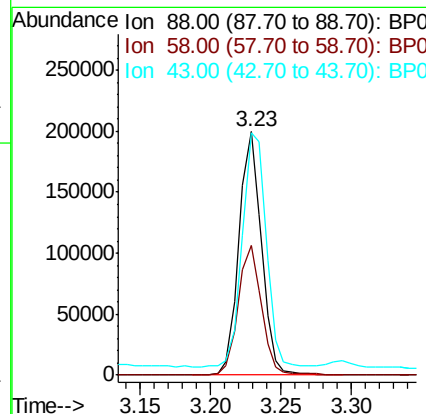
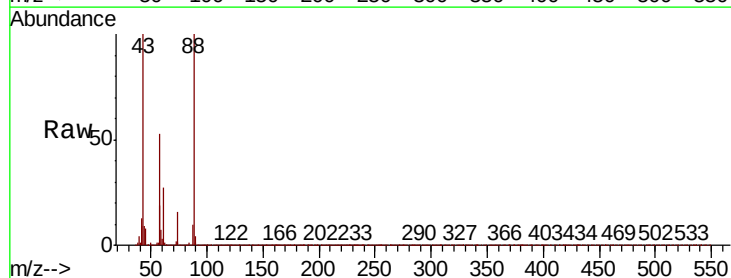
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.1	184.7
115	54.7	42.8	64.2

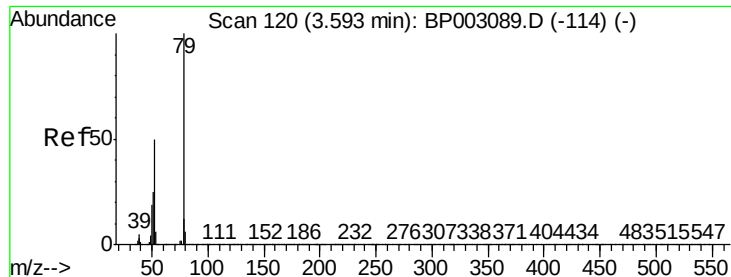


#2

1,4-Dioxane
Concen: 38.667 ng
RT: 3.23 min Scan# 58
Delta R.T. 0.01 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	54.5	44.3	66.5
43	101.4	14.3	21.5





#3

Pvridine

Concen: 28.214 ng

RT: 3.61 min Scan# 123

Delta R.T. 0.02 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

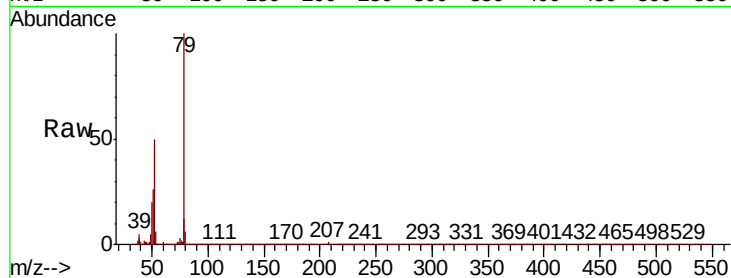
Tot Ion: 79 Resp: 424942

Ion Ratio Lower Upper

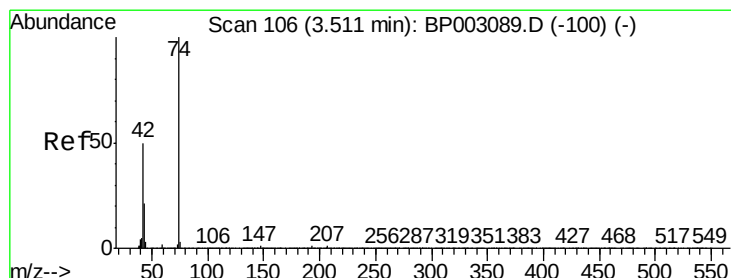
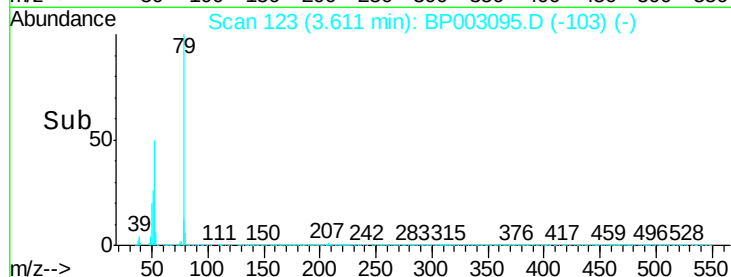
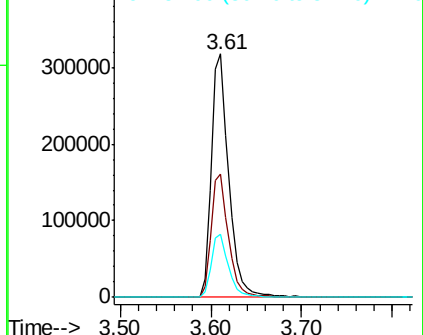
79 100

52 50.4 39.8 59.8

51 26.0 20.2 30.2



Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 52.00 (51.70 to 52.70): BP0
Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 46.821 ng

RT: 3.52 min Scan# 107

Delta R.T. 0.01 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

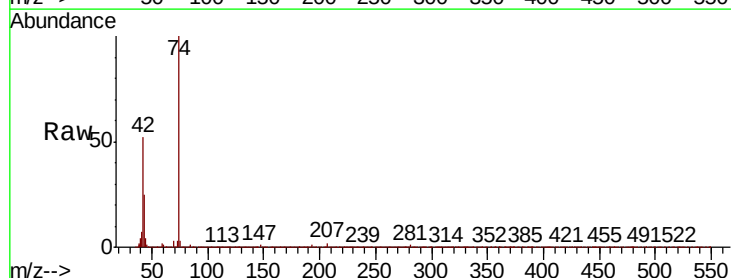
Tgt Ion: 42 Resp: 184146

Ion Ratio Lower Upper

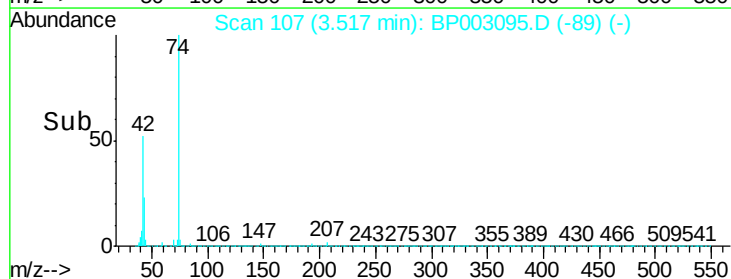
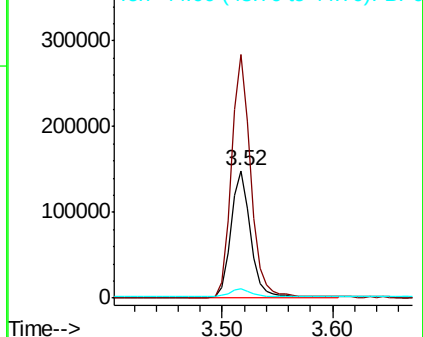
42 100

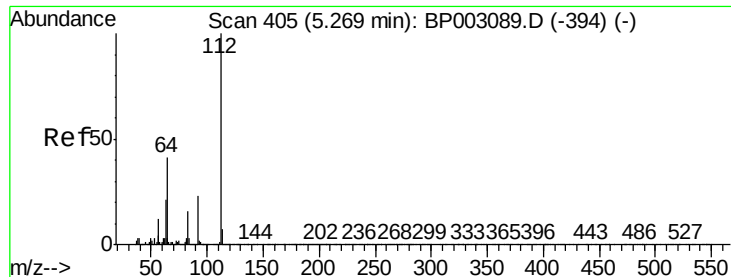
74 191.0 161.0 241.6

44 7.2 5.6 8.4



Abundance Ion 42.00 (41.70 to 42.70): BP0
Ion 74.00 (73.70 to 74.70): BP0
Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 113.624 ng

RT: 5.28 min Scan# 406

Delta R.T. 0.01 min

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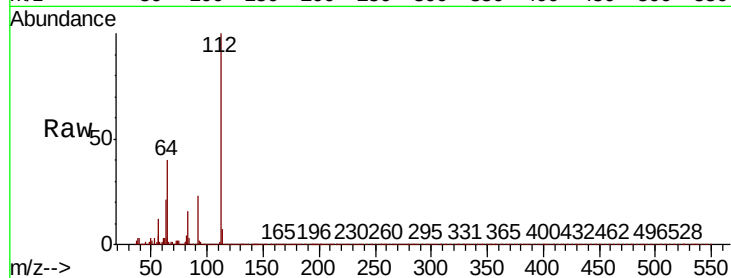
Tot Ion:112 Resp: 1700909

Ion Ratio Lower Upper

112 100

64 40.4 33.0 49.6

63 21.5 16.9 25.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP

Ion 63.00 (62.70 to 63.70): BP

1500000

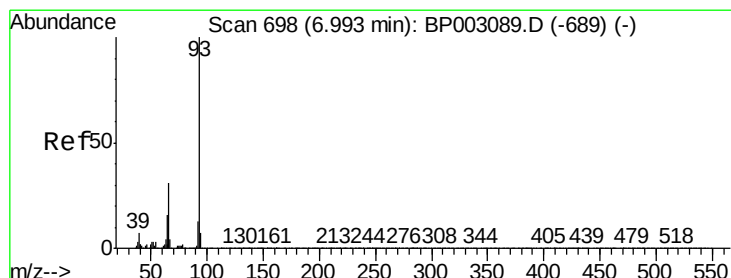
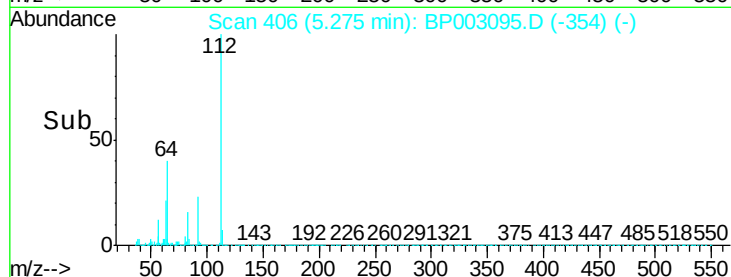
1000000

500000

0

5.10 5.20 5.30 5.40 5.50

Time-->



#6

Aniline

Concen: 21.051 ng

RT: 7.00 min Scan# 699

Delta R.T. 0.01 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

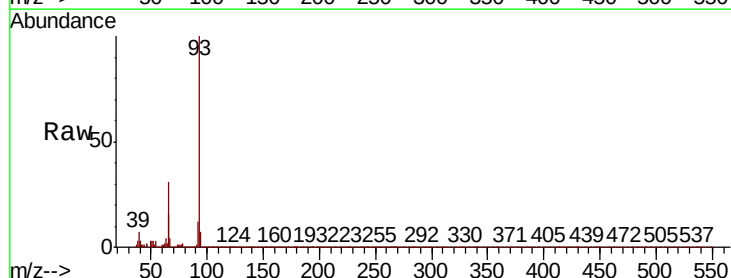
Tgt Ion: 93 Resp: 430099

Ion Ratio Lower Upper

93 100

66 31.2 25.0 37.4

65 15.7 12.6 18.8



Abundance Ion 93.00 (92.70 to 93.70): BP

Ion 66.00 (65.70 to 66.70): BP

Ion 65.00 (64.70 to 65.70): BP

600000

500000

400000

300000

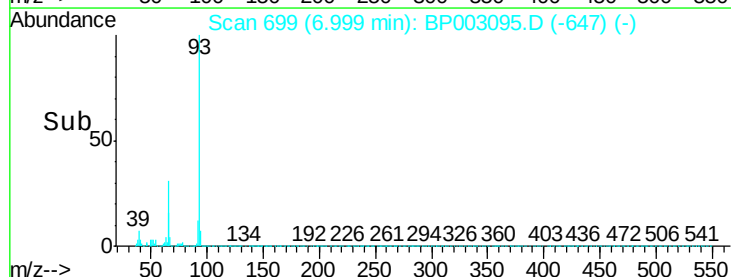
200000

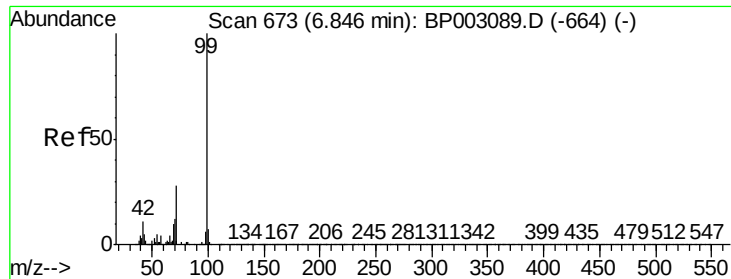
100000

0

6.95 7.00 7.05

Time-->





#7

Phenol-d6

Concen: 96.707 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.01 min

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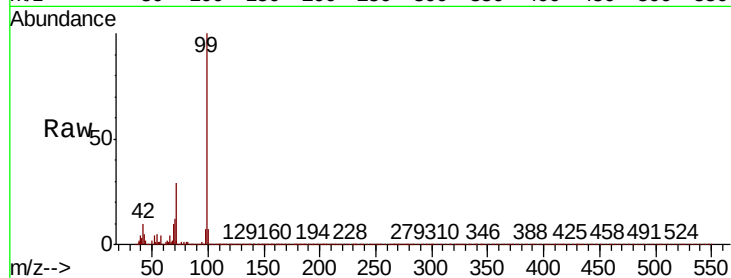
Tot Ion: 99 Resp: 1814752

Ion Ratio Lower Upper

99 100

42 10.3 8.5 12.7

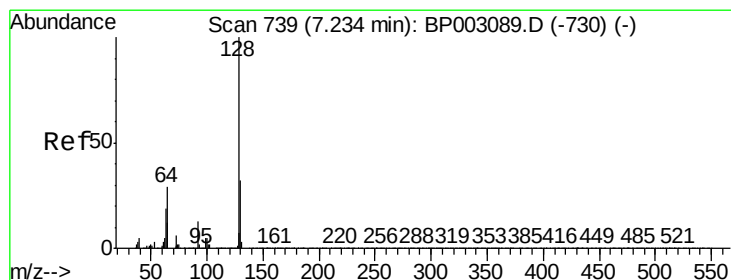
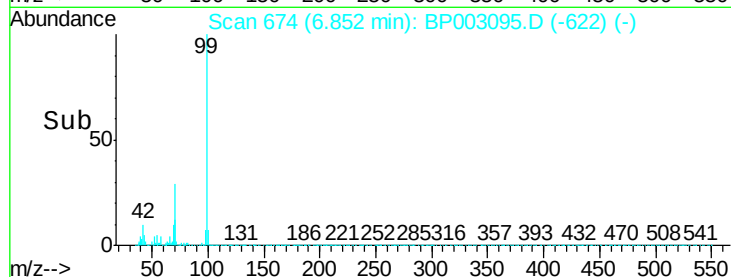
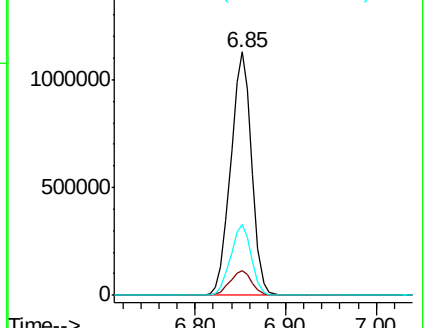
71 29.1 22.8 34.2



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 49.832 ng

RT: 7.23 min Scan# 739

Delta R.T. 0.00 min

Lab File: BP003095.D

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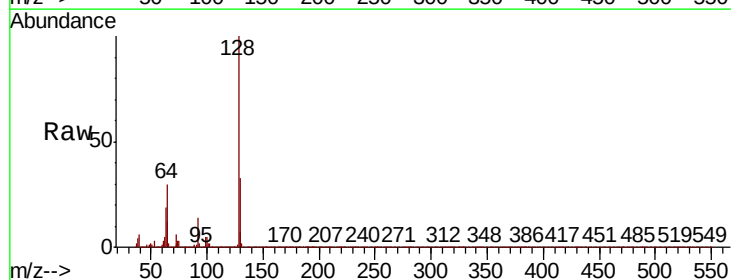
Tgt Ion: 128 Resp: 831625

Ion Ratio Lower Upper

128 100

130 33.1 12.2 52.2

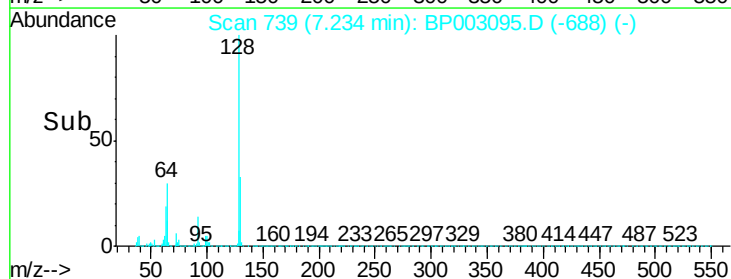
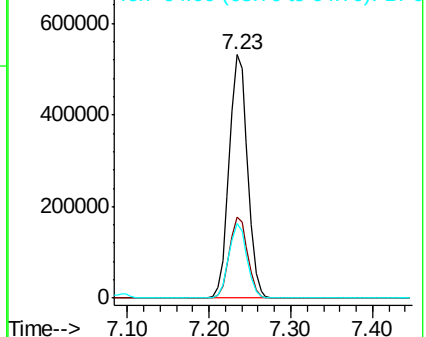
64 30.4 9.7 49.7

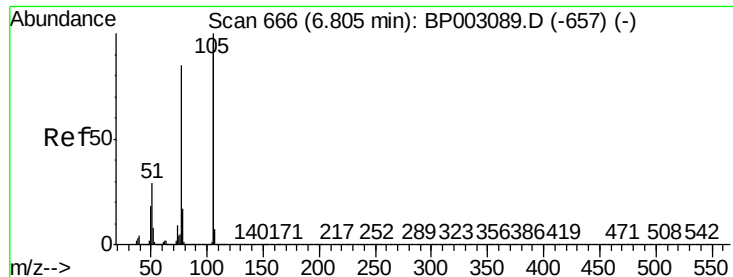


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 35.818 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.00 min

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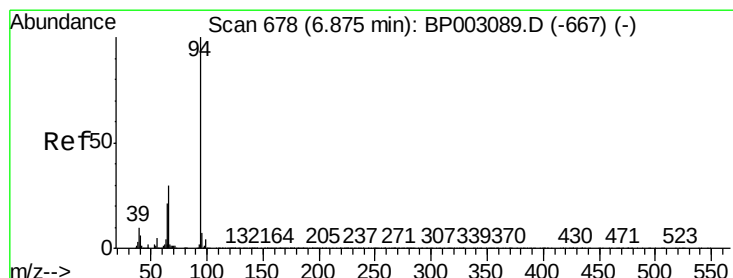
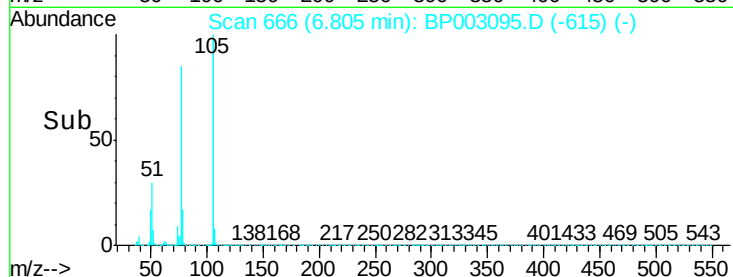
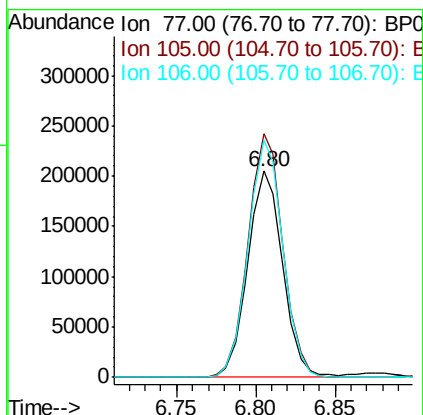
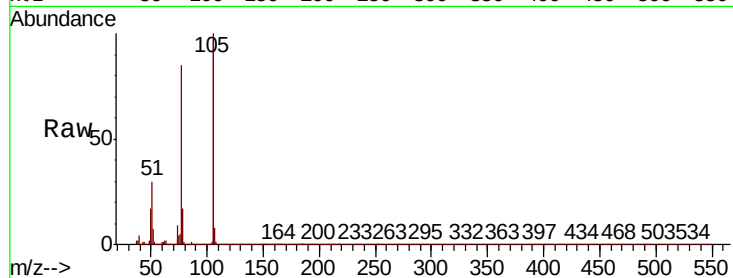
Tot Ion: 77 Resp: 313363

Ion Ratio Lower Upper

77 100

105 118.0 98.3 138.3

106 114.7 93.9 133.9



#10

Phenol

Concen: 42.054 ng

RT: 6.88 min Scan# 678

Delta R.T. 0.00 min

Lab File: BP003095.D

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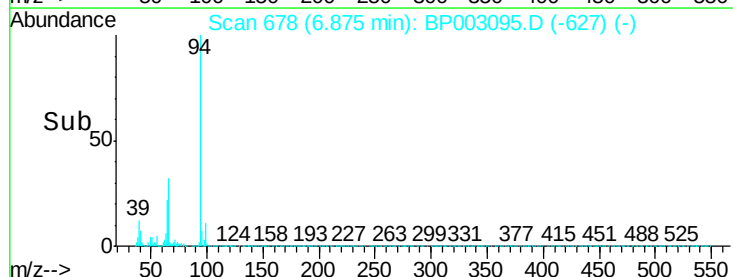
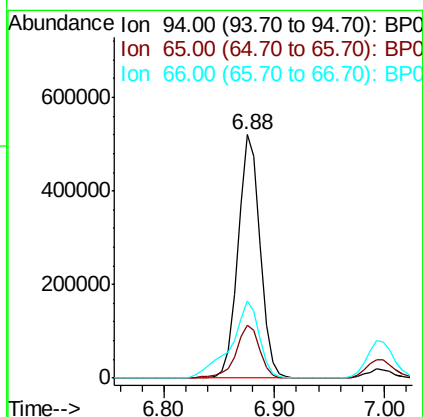
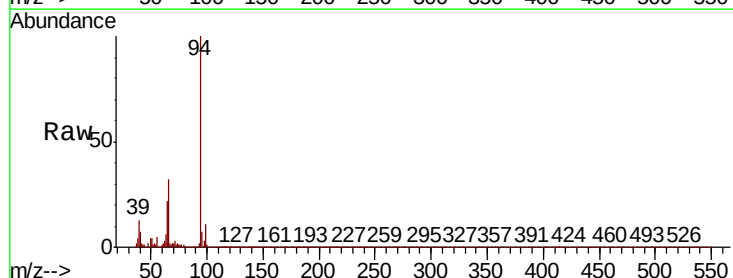
Tgt Ion: 94 Resp: 731342

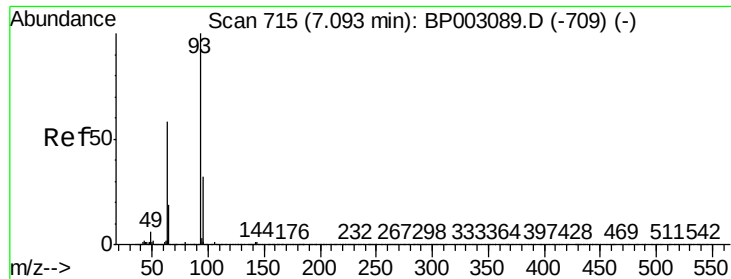
Ion Ratio Lower Upper

94 100

65 21.7 1.0 41.0

66 31.5 9.7 49.7

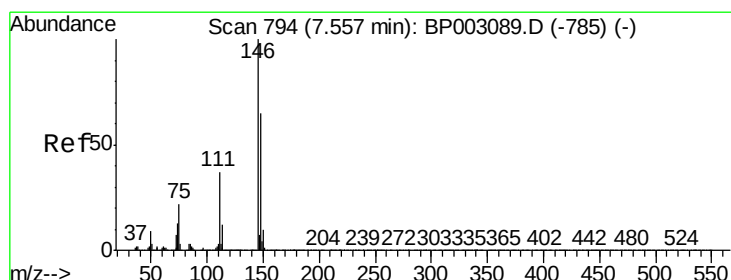
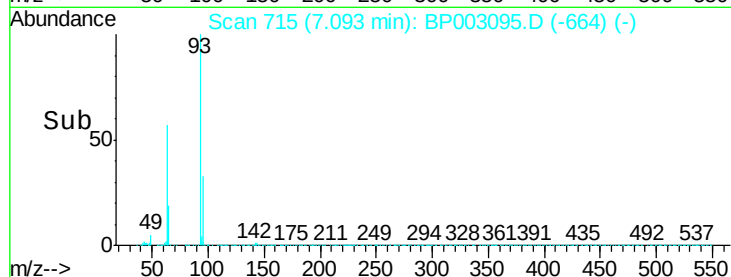
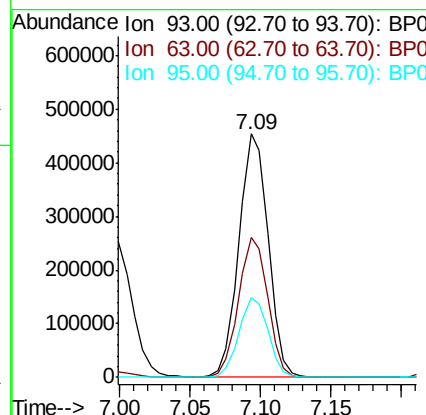
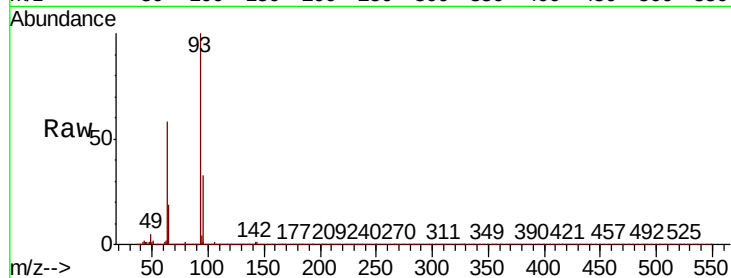




#11
bis(2-Chloroethyl)ether
Concen: 47.644 ng
RT: 7.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

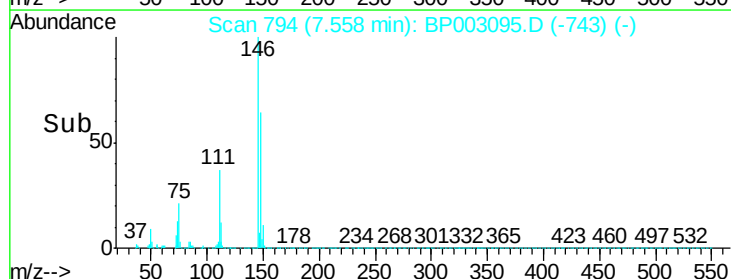
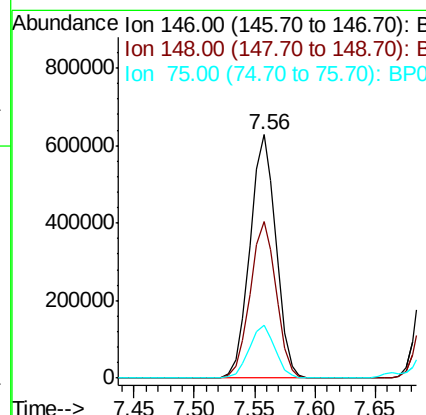
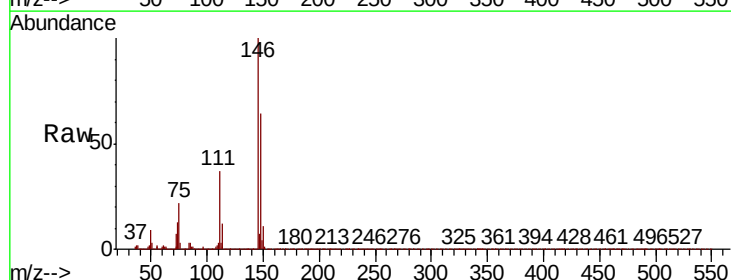
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

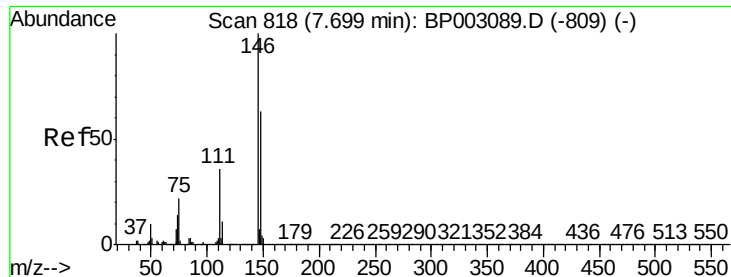
Tot Ion:	93	Resp:	655791
Ion	Ratio	Lower	Upper
93	100		
63	57.5	37.8	77.8
95	32.9	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 46.607 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion:	146	Resp:	945745
Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.6
75	21.7	17.4	26.2

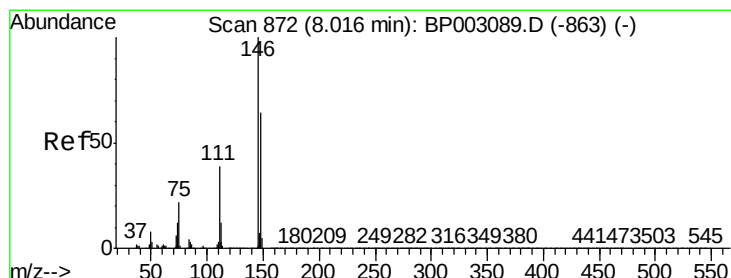
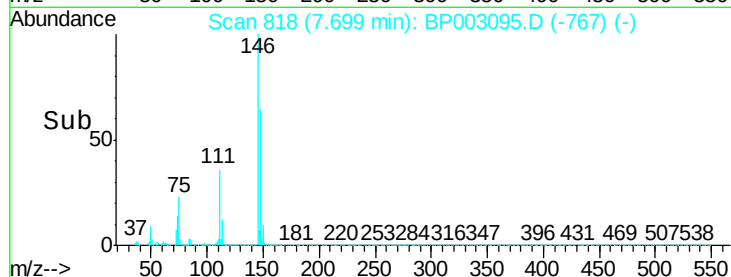
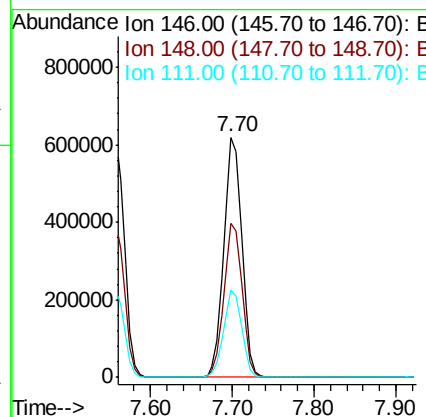
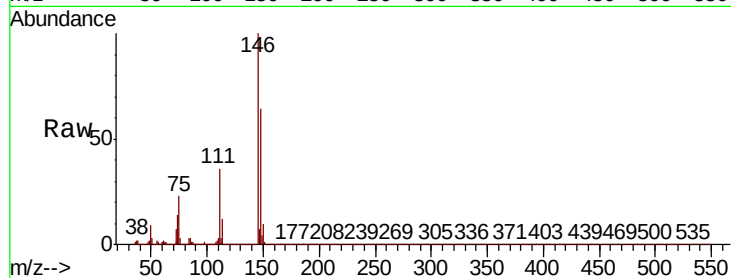




#13
1,4-Dichlorobenzene
Concen: 46.725 ng
RT: 7.70 min Scan# 818
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

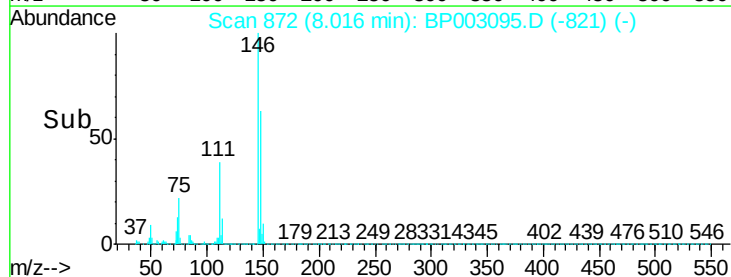
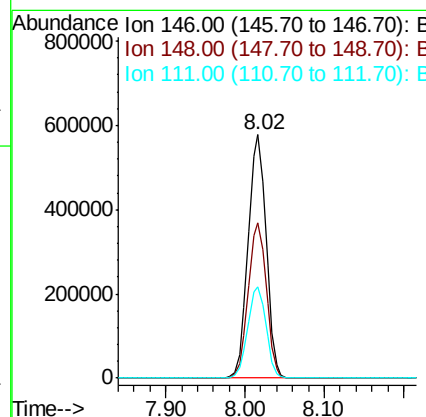
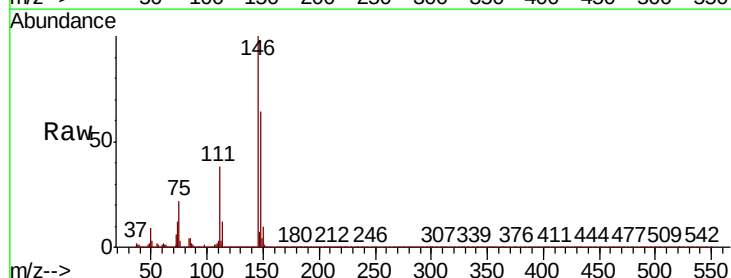
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

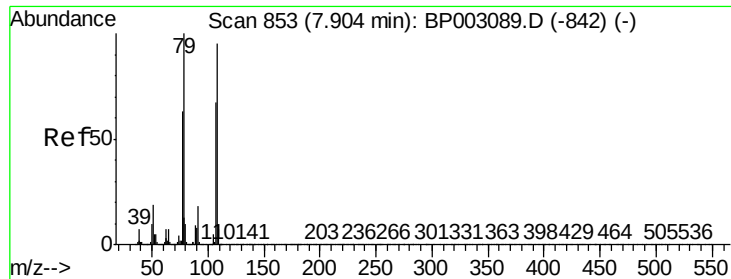
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	36.3	28.5	42.7



#14
1,2-Dichlorobenzene
Concen: 46.918 ng
RT: 8.02 min Scan# 872
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	37.7	31.0	46.4

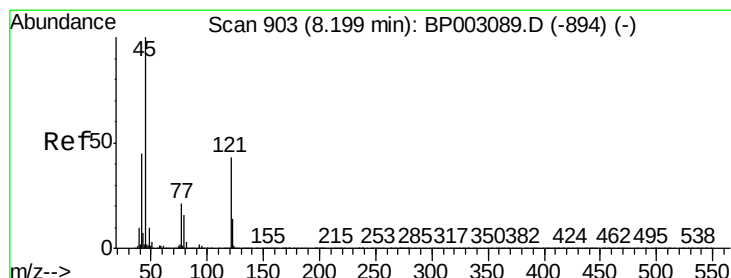
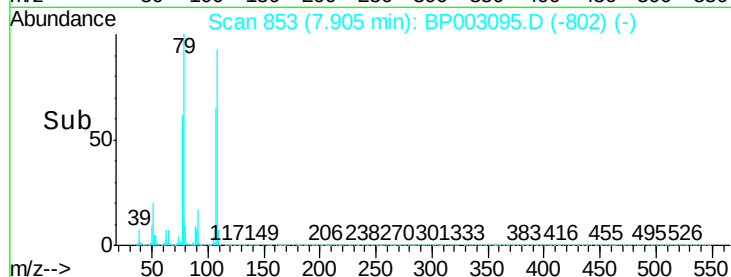
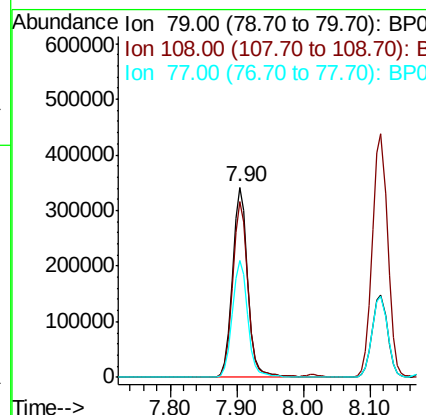
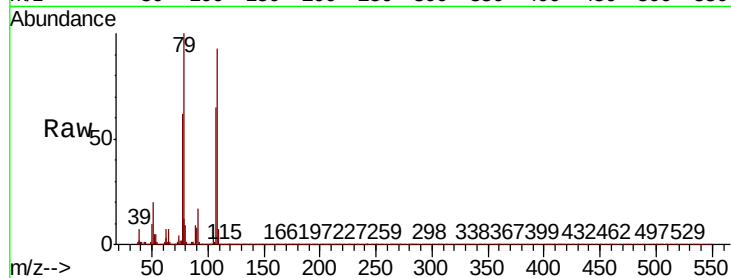




#15
Benzyl Alcohol
Concen: 52.301 ng
RT: 7.90 min Scan# 853
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

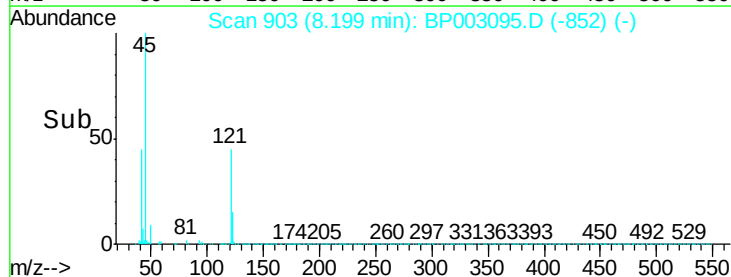
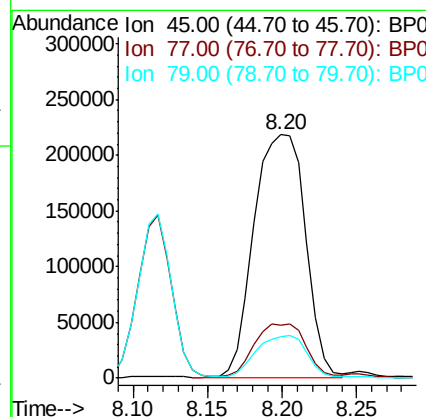
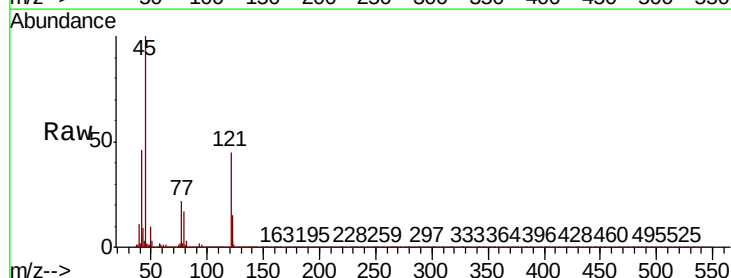
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

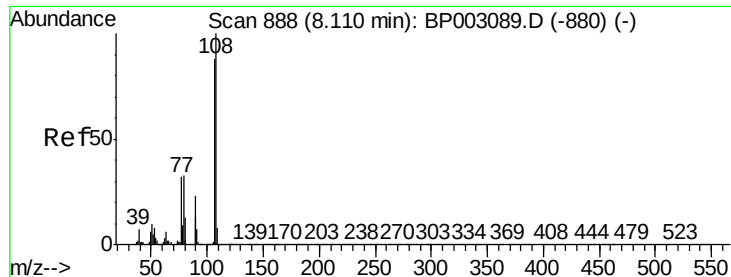
Tot Ion	Ratio	Lower	Upper
79	100		
108	92.5	75.7	113.5
77	61.6	50.2	75.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.536 ng
RT: 8.20 min Scan# 903
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.9	1.6	41.6
79	16.8	0.0	36.7

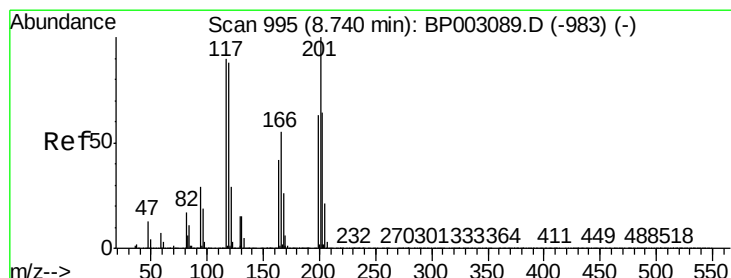
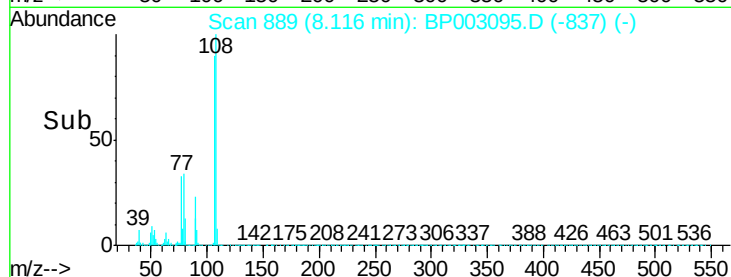
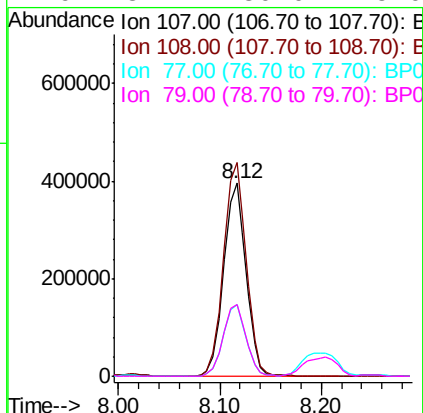
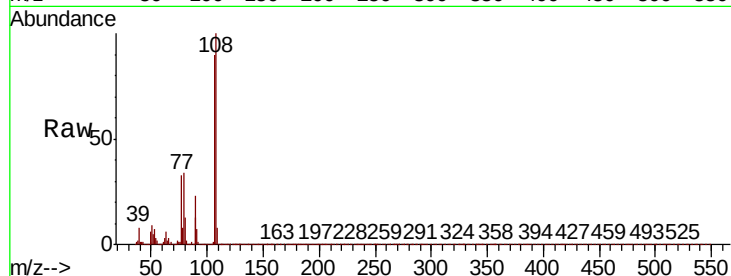




#17
2-Methylphenol
Concen: 48.862 ng
RT: 8.12 min Scan# 889
Delta R.T. 0.01 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

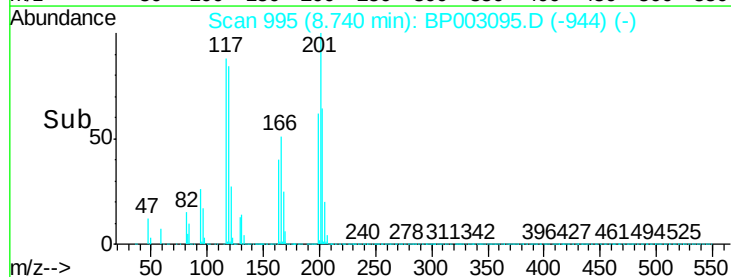
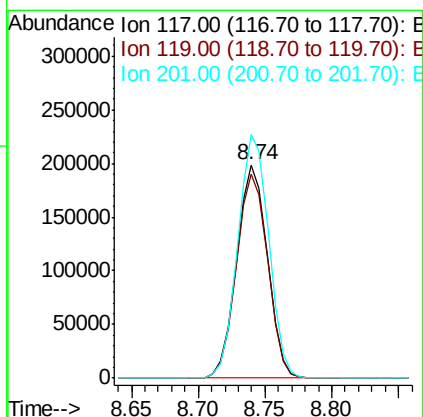
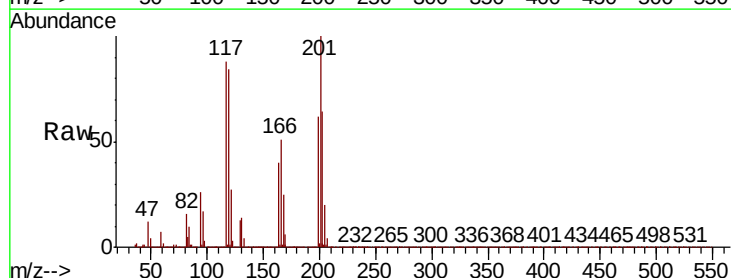
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

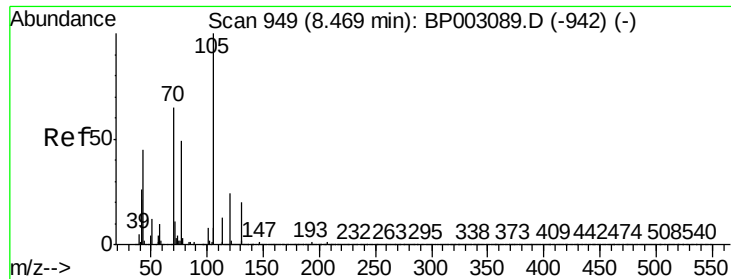
Tot Ion:	107	Resp:	605336
Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.8	136.2
77	36.9	29.4	44.2
79	37.4	30.0	45.0



#18
Hexachloroethane
Concen: 47.208 ng
RT: 8.74 min Scan# 995
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion:	117	Resp:	316382
Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.7	116.5
201	114.2	88.4	132.6

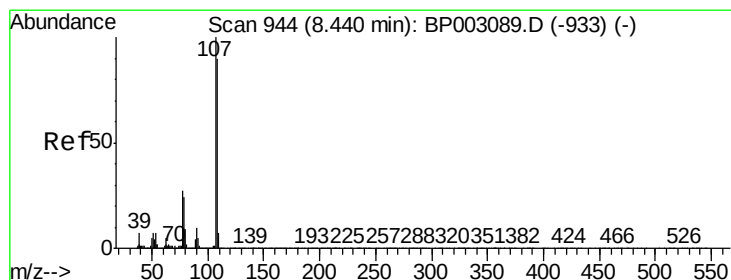
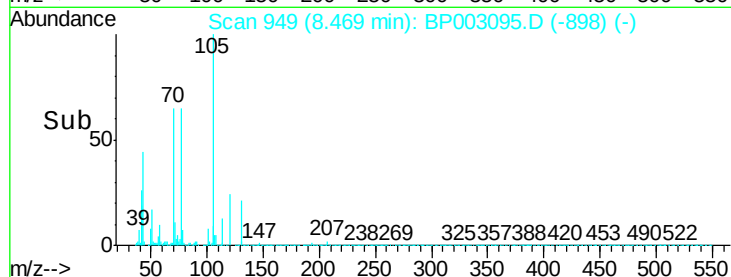
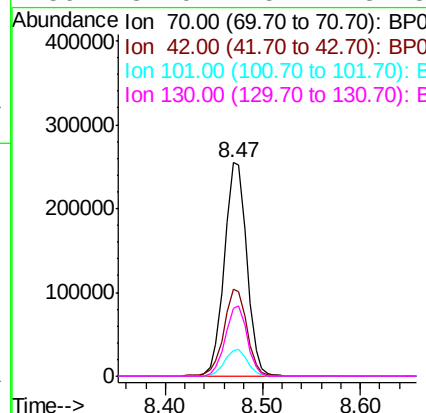
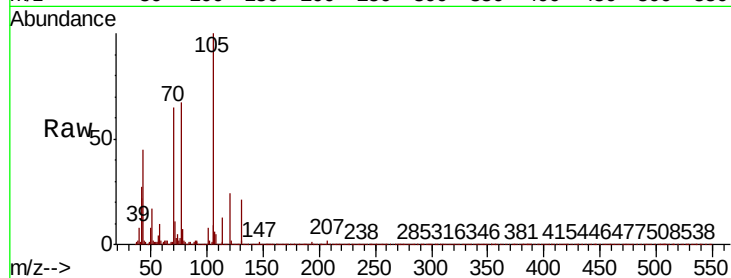




#19
n-Nitroso-di-n-propylamine
Concen: 47.735 ng
RT: 8.47 min Scan# 949
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

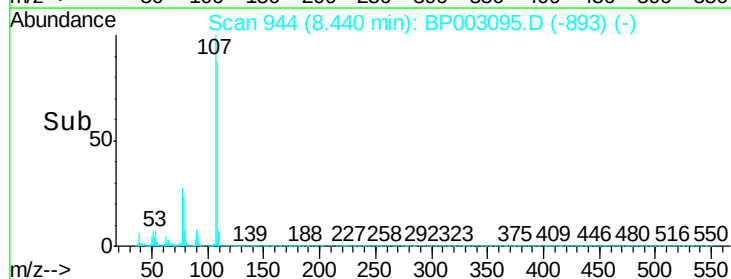
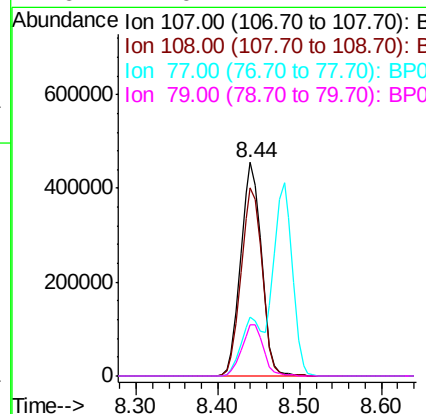
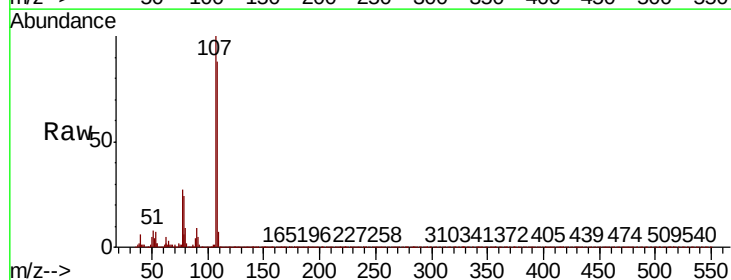
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

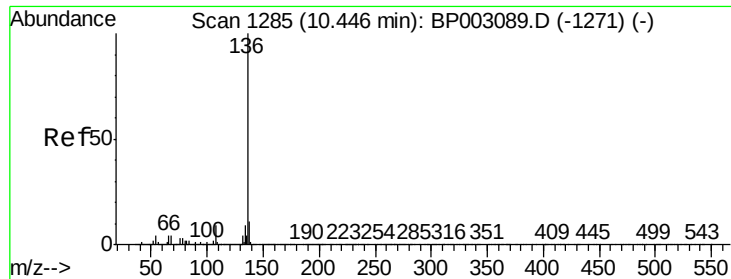
Tot Ion:	70	Resp:	404707
Ion	Ratio	Lower	Upper
70	100		
42	40.9	32.5	48.7
101	12.2	10.2	15.2
130	32.0	25.2	37.8



#20
3+4-Methylphenols
Concen: 48.217 ng
RT: 8.44 min Scan# 944
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion:	107	Resp:	804847
Ion	Ratio	Lower	Upper
107	100		
108	88.2	69.7	109.7
77	27.3	7.2	47.2
79	24.0	4.4	44.4

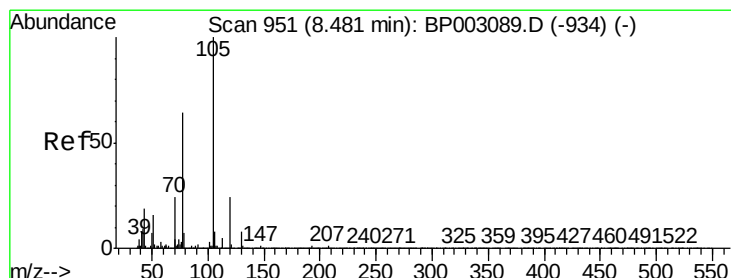
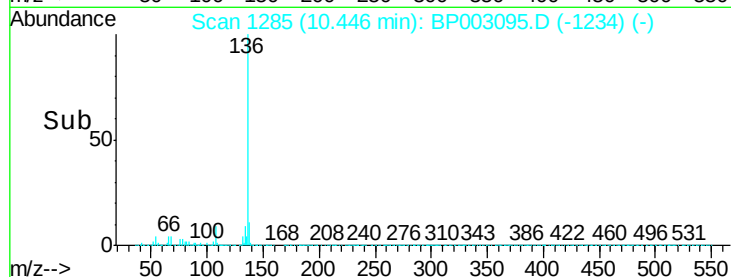
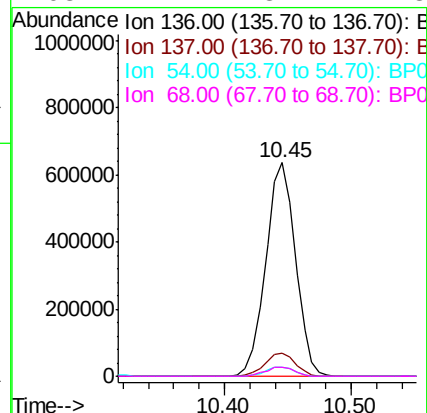
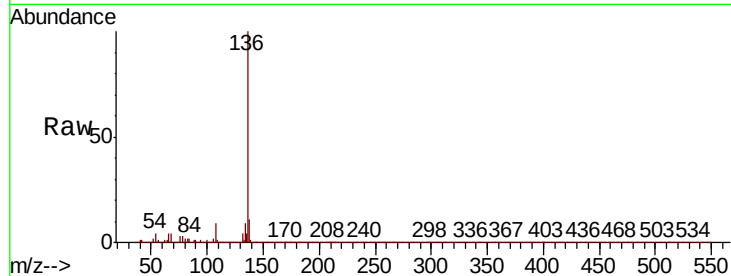




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

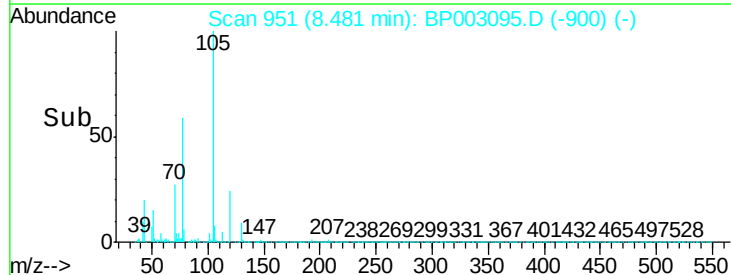
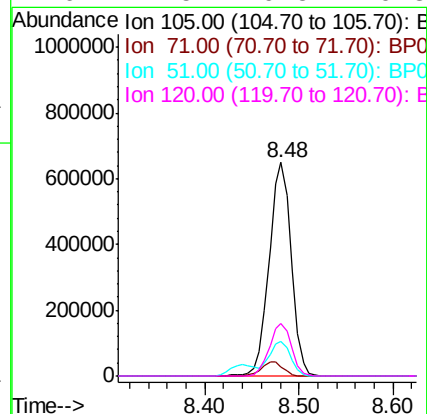
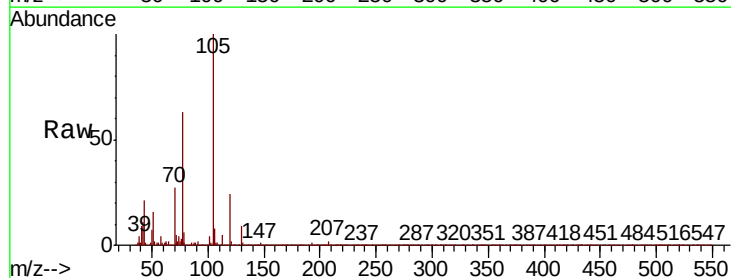
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

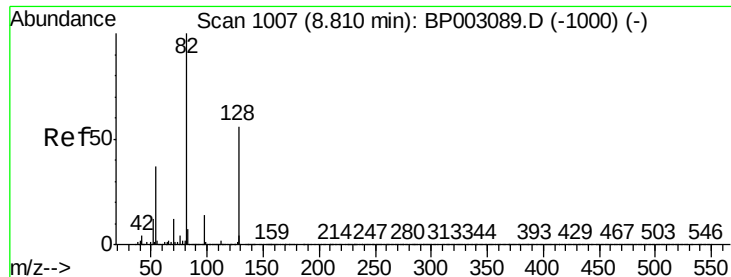
Tot Ion:136	Resp: 1036703
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 4.4	3.5 5.3
68 4.1	3.2 4.8



#22
Acetophenone
Concen: 45.693 ng
RT: 8.48 min Scan# 951
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion	Ion:105	Resp: 1054927	
	Ratio	Lower	Upper
105	100		
71	4.5	3.1	4.7
51	16.1	13.0	19.6
120	24.5	19.5	29.3

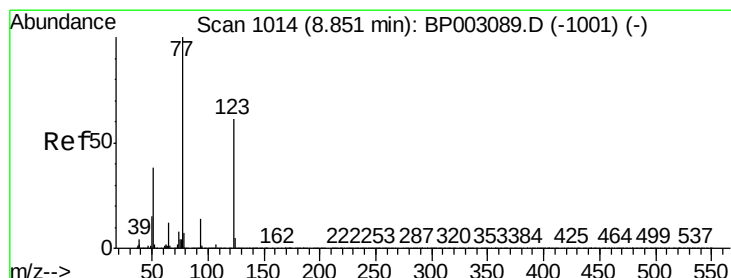
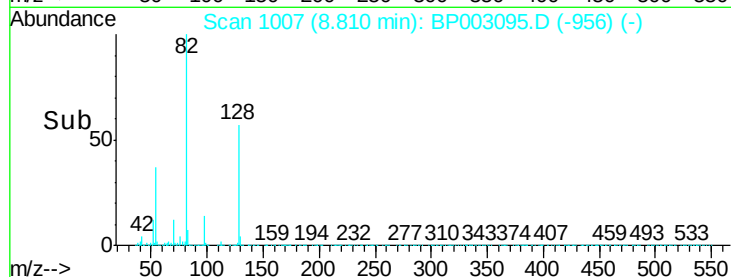
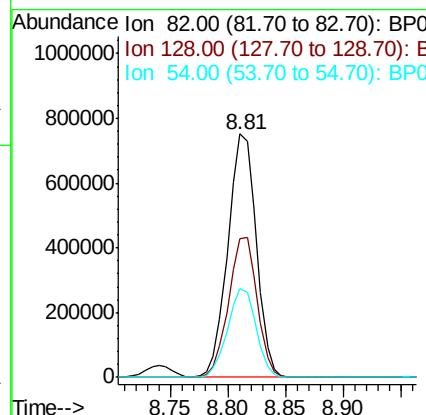
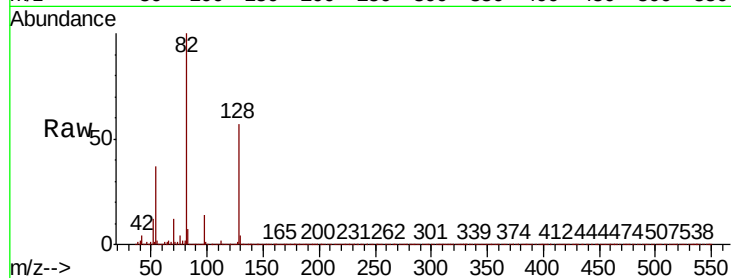




#23
 Nitrobenzene-d5
 Concen: 89.030 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

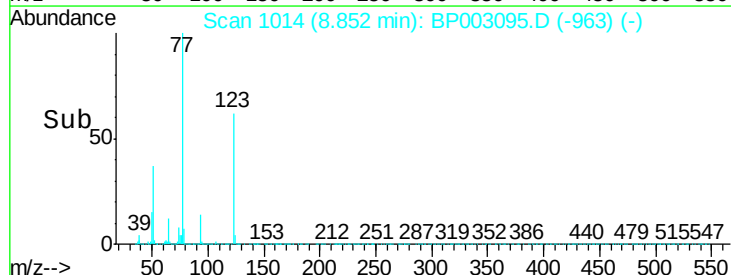
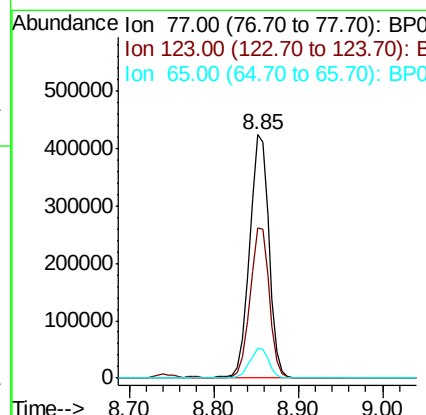
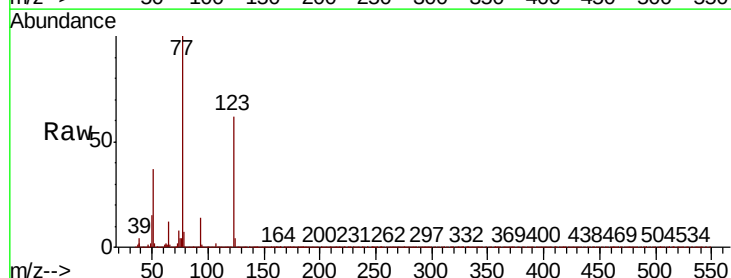
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

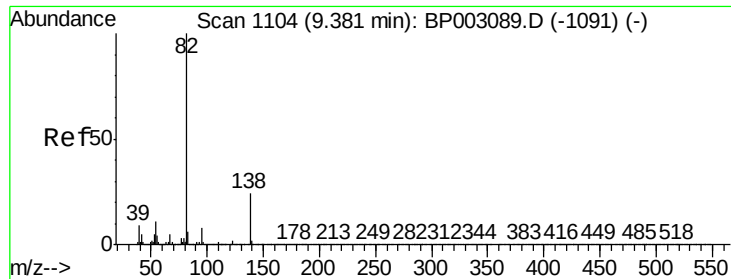
Tot Ion: 82 Resp: 1280304
 Ion Ratio Lower Upper
 82 100
 128 57.2 44.9 67.3
 54 36.7 29.4 44.2



#24
 Nitrobenzene
 Concen: 47.540 ng
 RT: 8.85 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

Tgt Ion: 77 Resp: 671478
 Ion Ratio Lower Upper
 77 100
 123 61.9 49.0 73.4
 65 12.2 9.6 14.4





#25

Isophorone

Concen: 50.404 ng

RT: 9.38 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

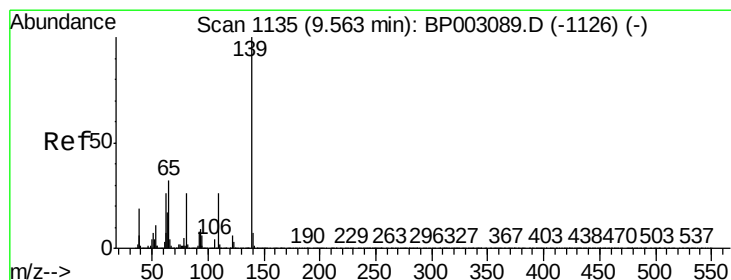
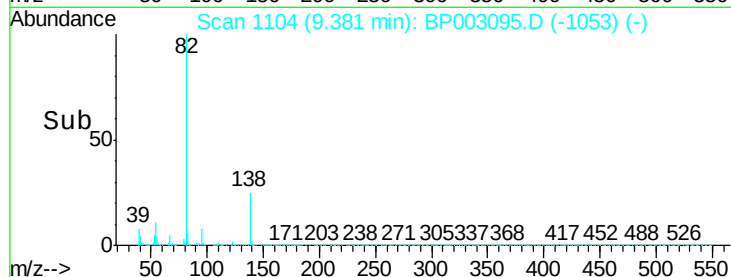
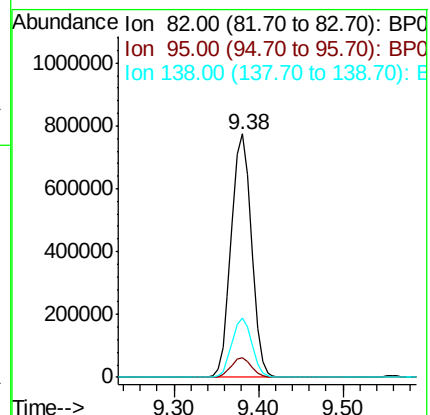
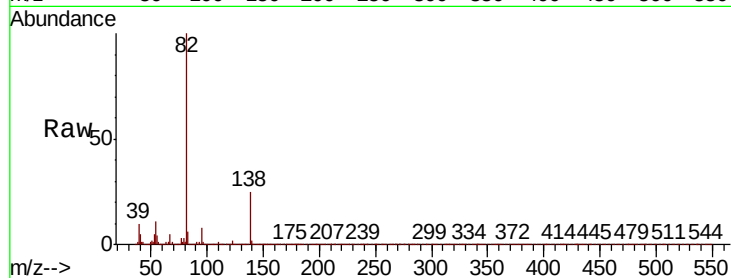
Tot Ion: 82 Resp: 1278905

Ion Ratio Lower Upper

82 100

95 8.0 6.0 9.0

138 24.5 19.1 28.7



#26

2-Nitrophenol

Concen: 54.046 ng

RT: 9.56 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

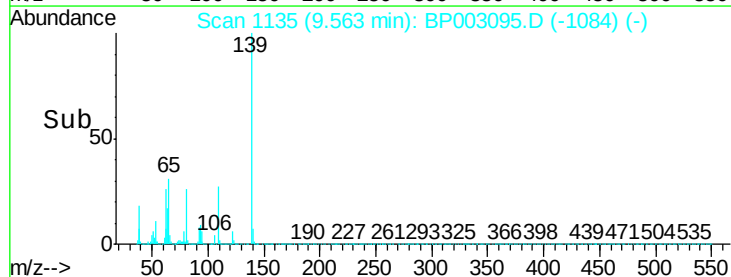
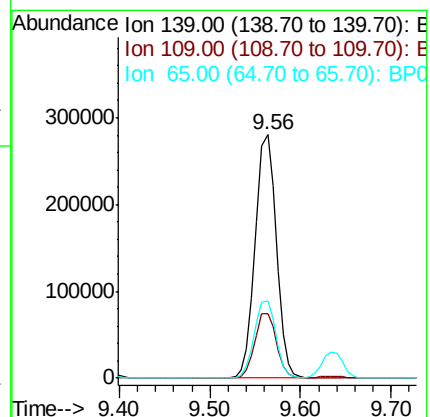
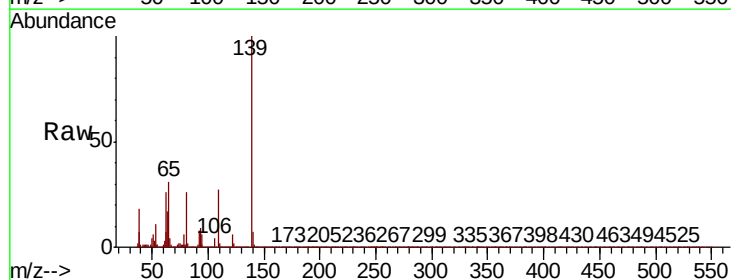
Tgt Ion: 139 Resp: 454990

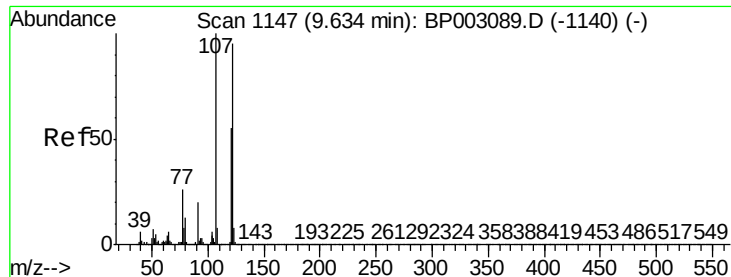
Ion Ratio Lower Upper

139 100

109 26.7 21.2 31.8

65 31.5 25.4 38.0

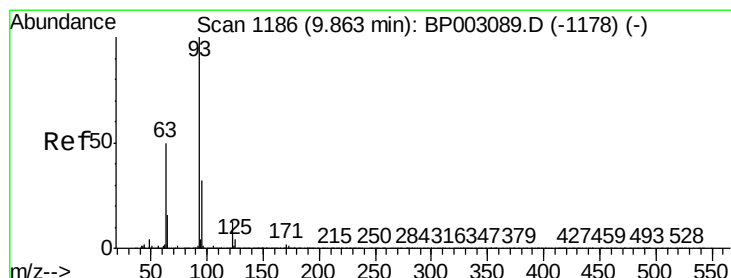
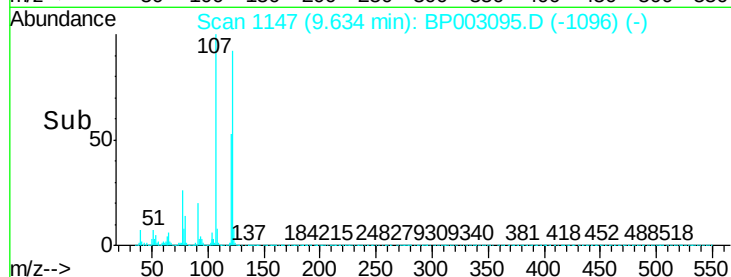
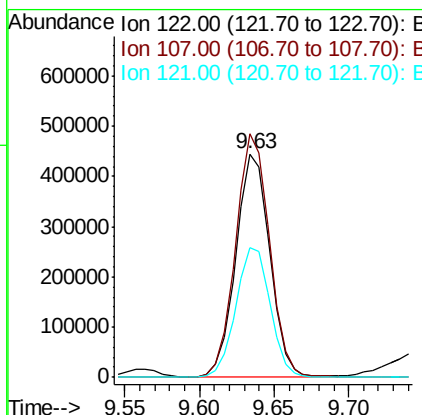
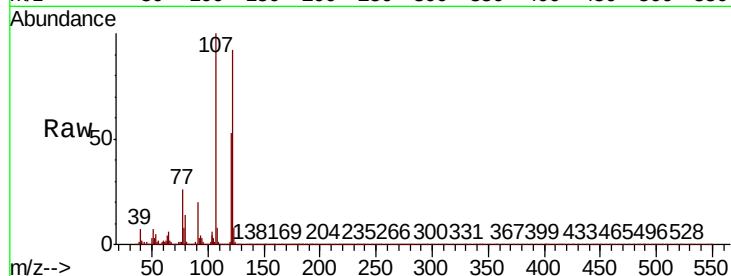




#27
2,4-Dimethylphenol
Concen: 55.729 ng
RT: 9.63 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

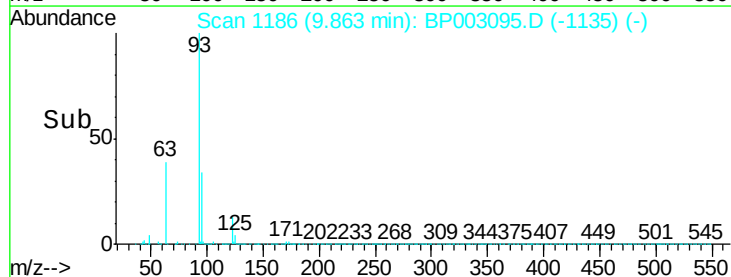
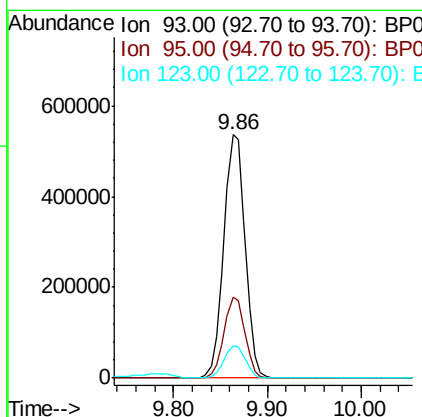
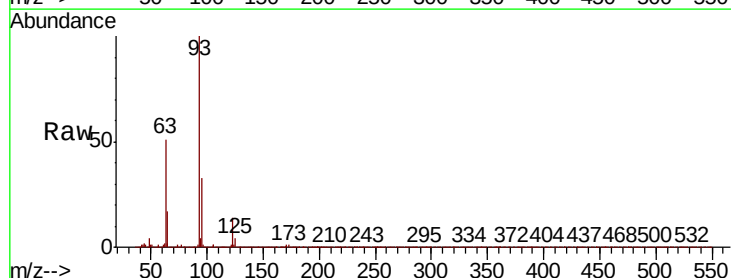
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

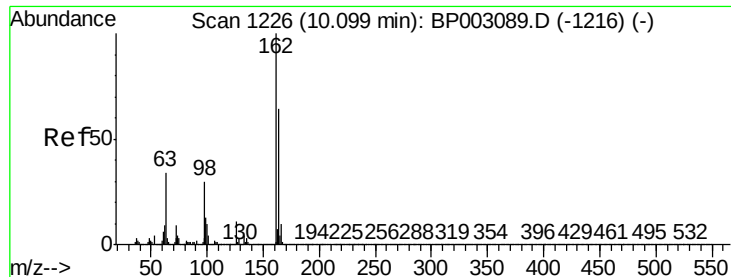
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.8	84.3	126.5
121	58.1	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.847 ng
RT: 9.86 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	25.8	38.8
123	13.6	10.6	15.8





#29

2,4-Dichlorophenol

Concen: 50.615 ng

RT: 10.10 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

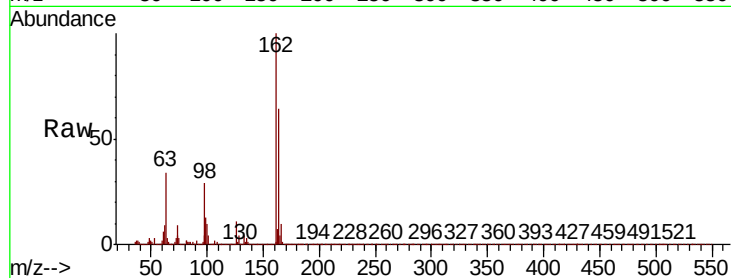
Tot Ion:162 Resp: 794722

Ion Ratio Lower Upper

162 100

164 64.2 43.6 83.6

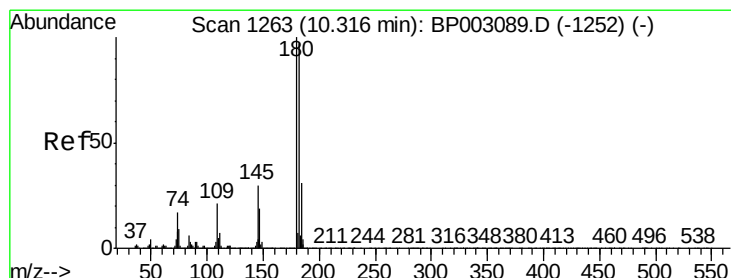
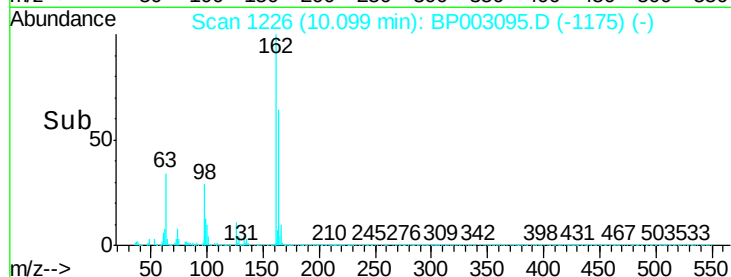
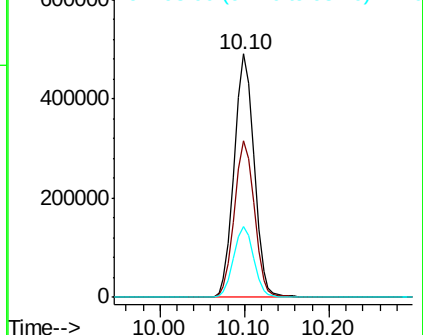
98 29.2 10.1 50.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 45.828 ng

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

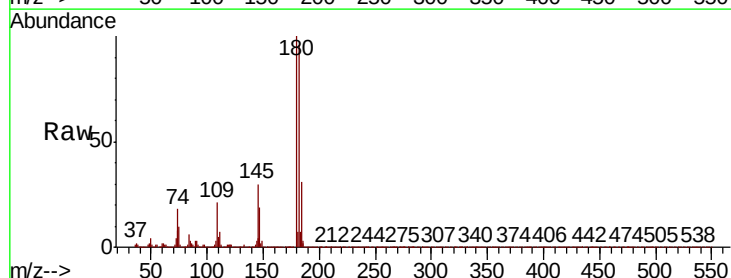
Tgt Ion:180 Resp: 856757

Ion Ratio Lower Upper

180 100

182 95.9 77.6 116.4

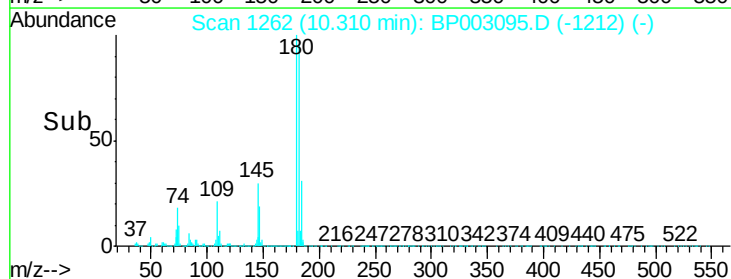
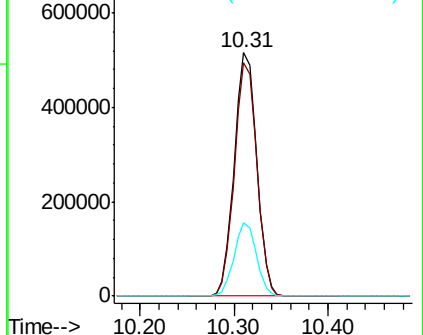
145 30.2 23.7 35.5

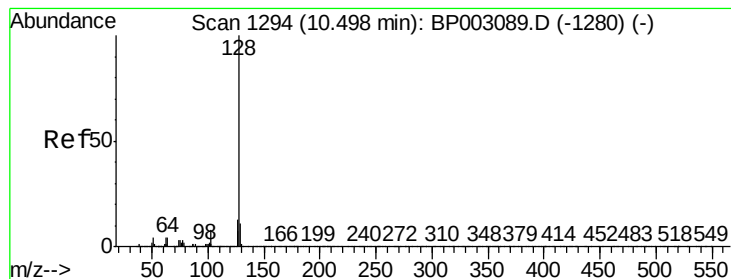


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 46.558 ng

RT: 10.49 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

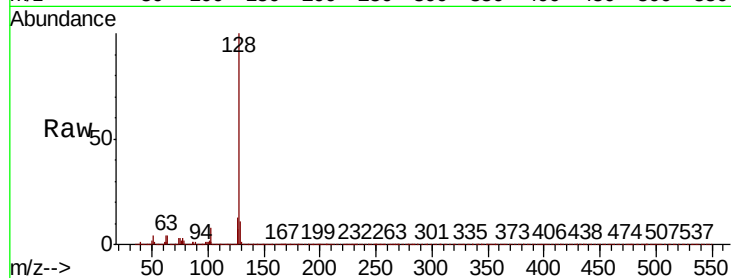
BNA_P

ClientSampleId :

OR-03-082020MS

Tot Ion:128 Resp: 2479794

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	13.0
127	13.2	10.5	15.7

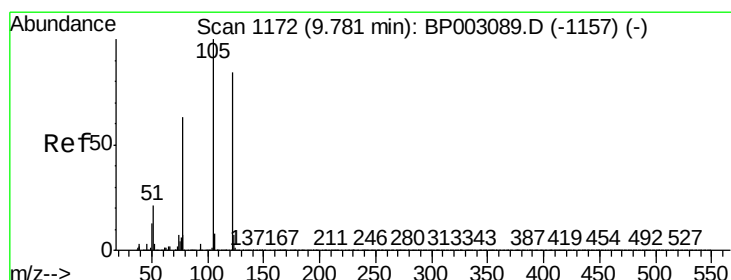
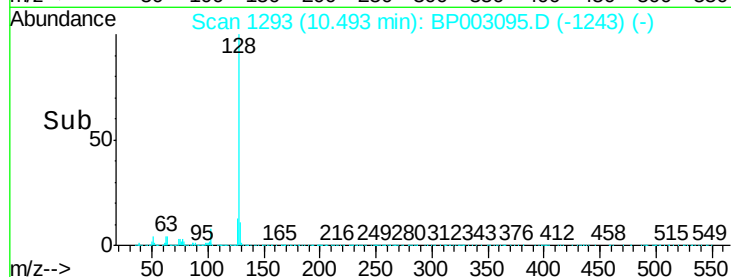
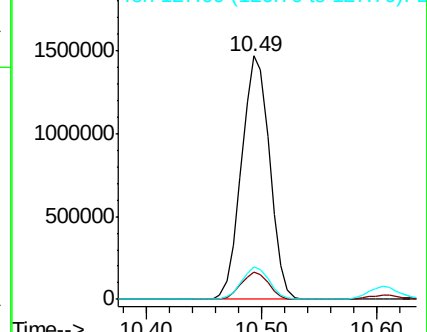


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.126 ng

RT: 9.79 min Scan# 1174

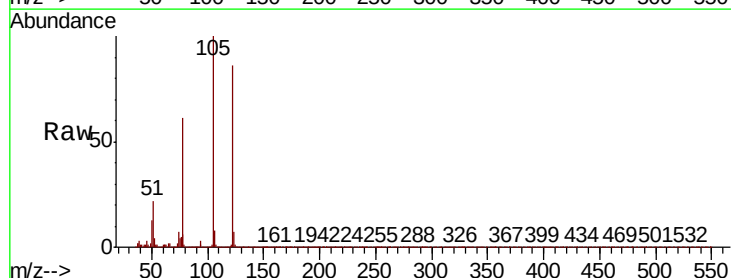
Delta R.T. 0.01 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Tgt Ion:122 Resp: 399163

Ion	Ratio	Lower	Upper
122	100		
105	116.8	98.1	138.1
77	71.3	55.3	95.3

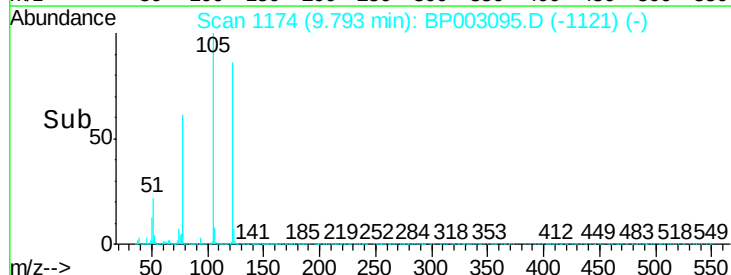
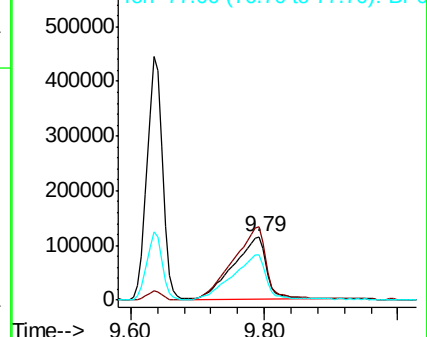


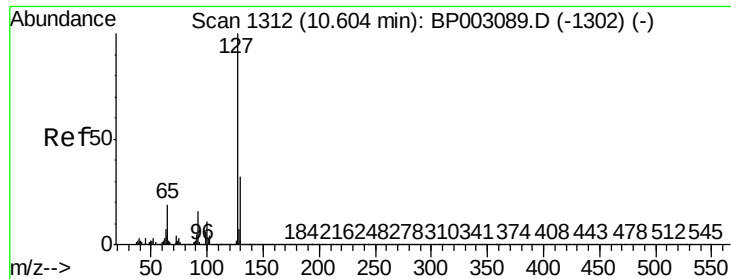
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BPO

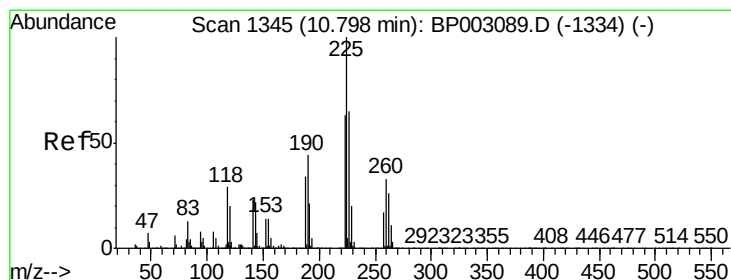
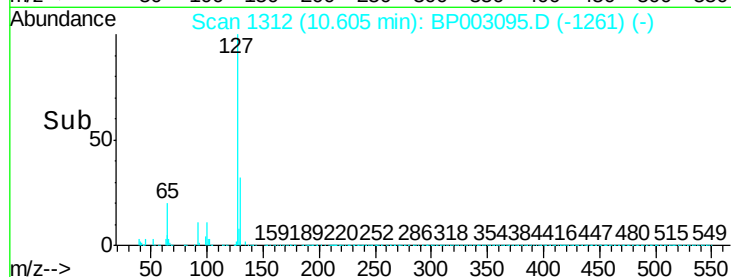
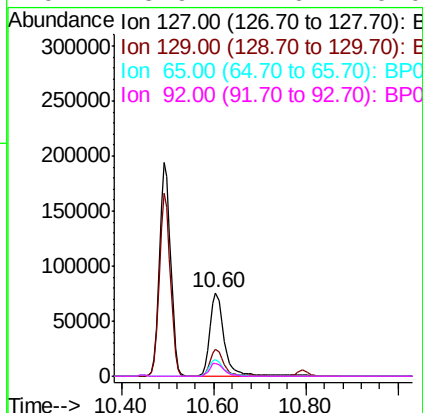
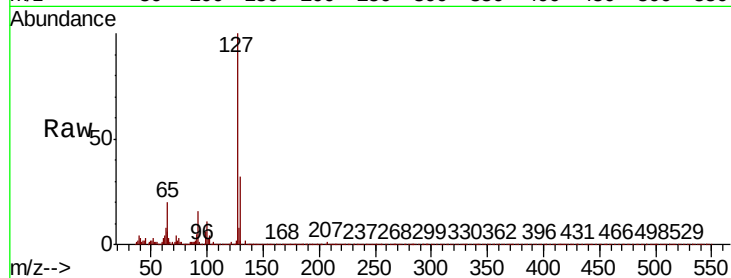




#33
4-Chloroaniline
Concen: 7.244 ng
RT: 10.60 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

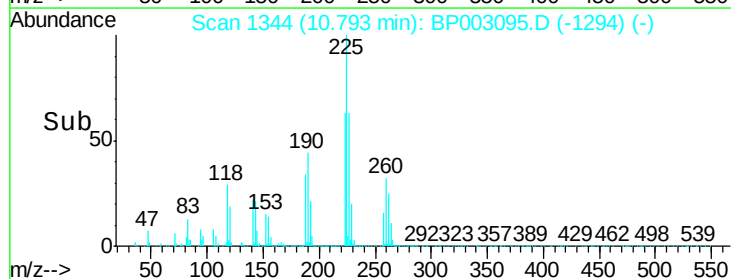
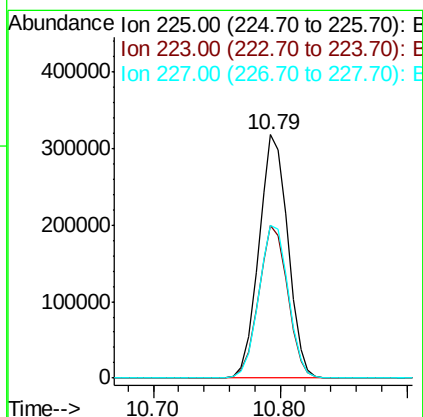
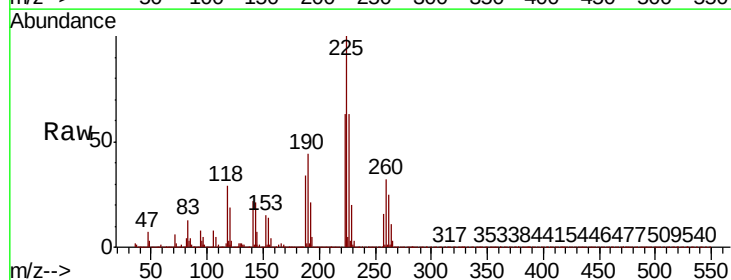
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

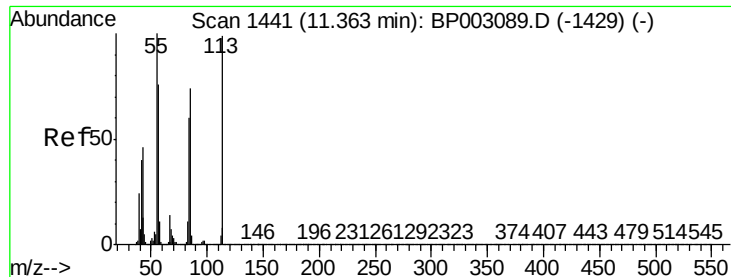
Tot Ion:	127	Resp:	161207
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.0
65	20.0	15.5	23.3
92	15.9	12.6	19.0



#34
Hexachlorobutadiene
Concen: 45.195 ng
RT: 10.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion:	225	Resp:	507080
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	62.6	52.0	78.0

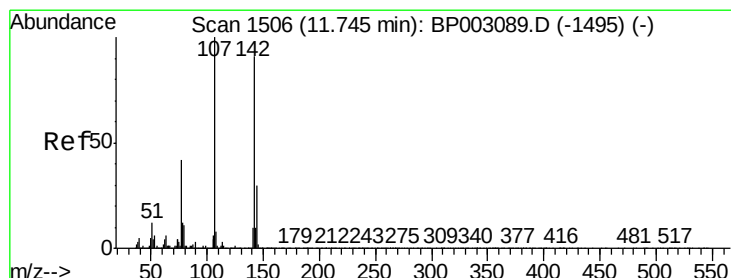
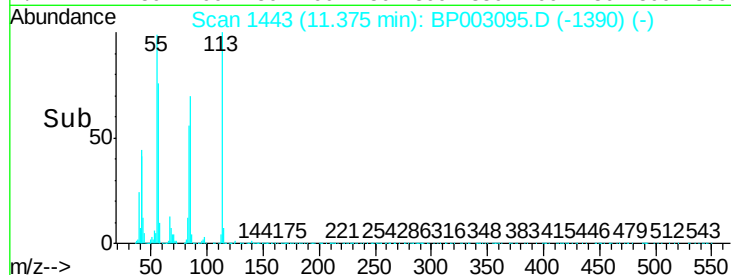
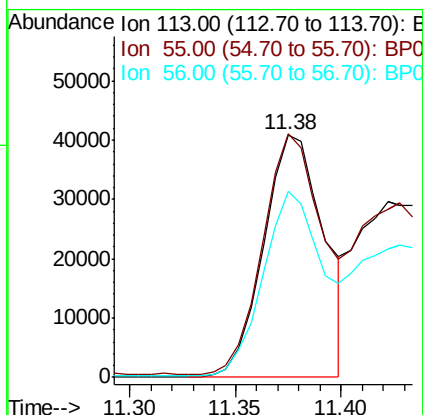
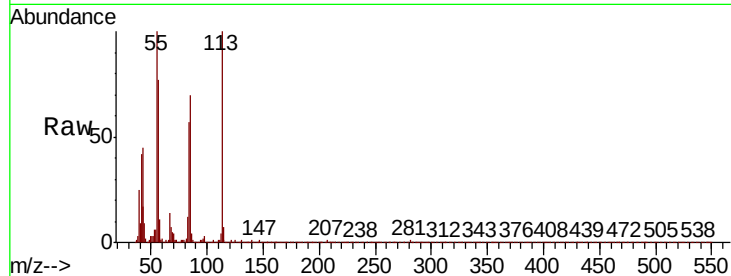




#35
Caprolactam
Concen: 17.161 ng
RT: 11.38 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

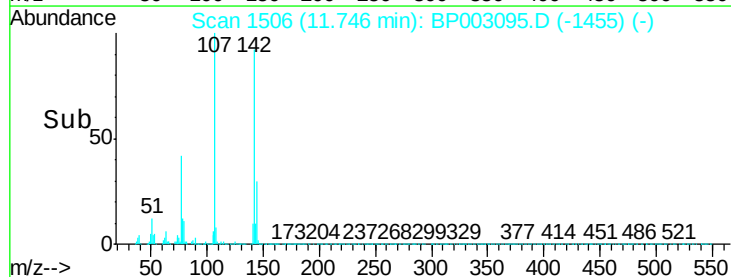
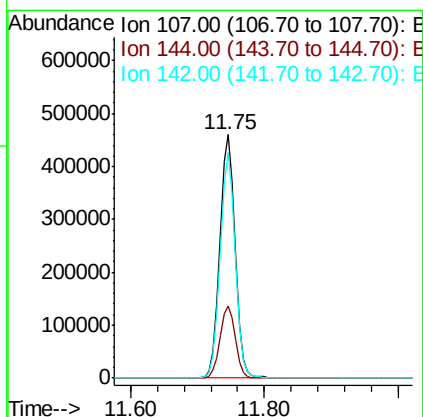
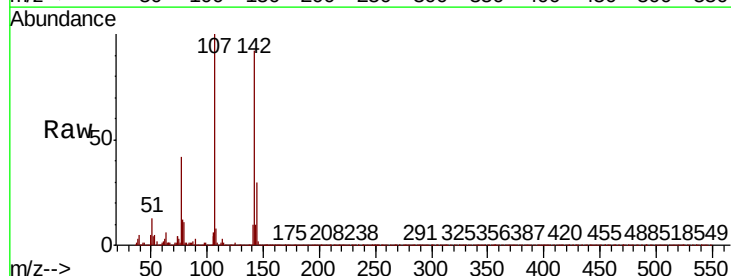
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

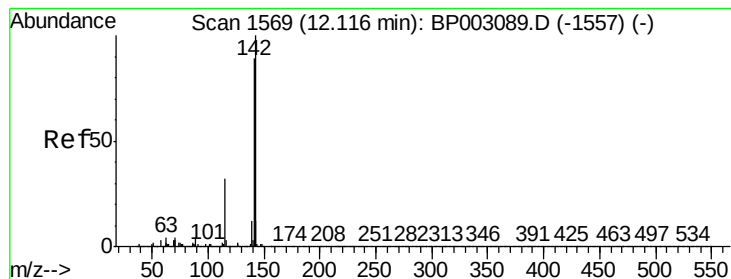
Tot Ion:113 Resp: 80970
Ion Ratio Lower Upper
113 100
55 100.4 81.3 121.3
56 76.9 56.4 96.4



#36
4-Chloro-3-methylphenol
Concen: 51.175 ng
RT: 11.75 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion:107 Resp: 750235
Ion Ratio Lower Upper
107 100
144 29.8 24.2 36.4
142 92.5 73.0 109.6





#37

2-Methylnaphthalene

Concen: 47.389 ng

RT: 12.12 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

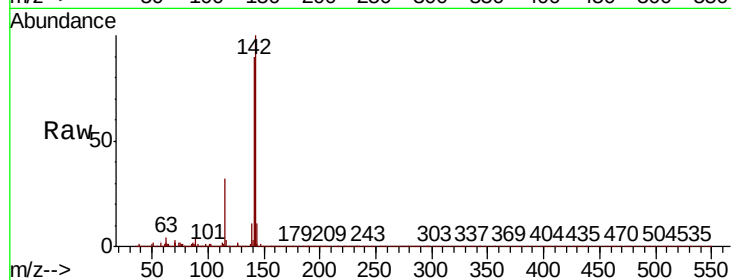
BNA_P

ClientSampleId :

OR-03-082020MS

Tot Ion:142 Resp: 1805605

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.1	106.7
115	31.5	25.2	37.8

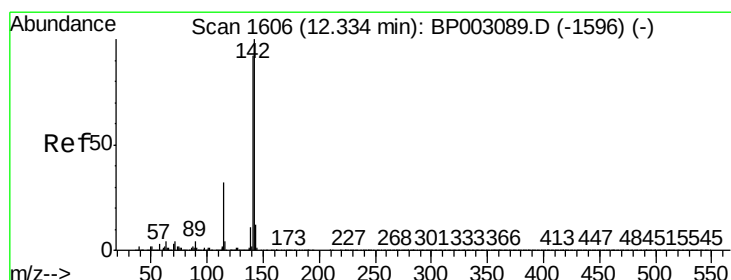
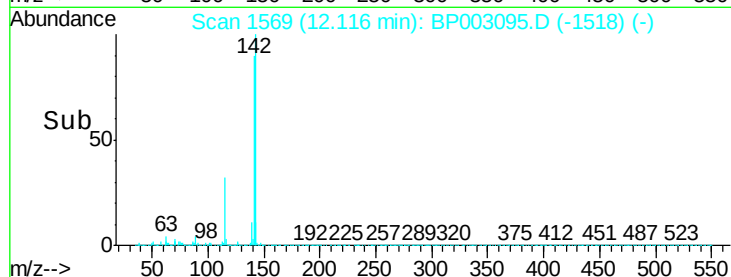
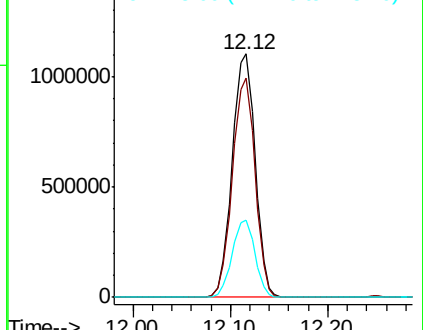


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 46.654 ng

RT: 12.33 min Scan# 1606

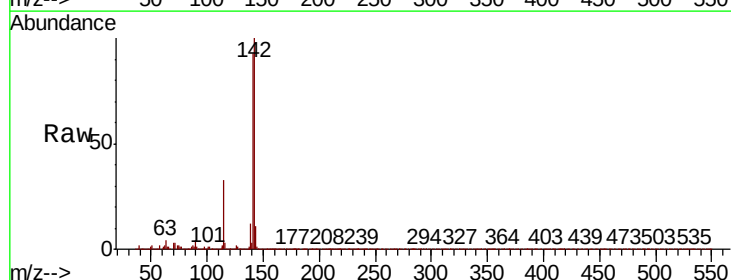
Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Tgt Ion:142 Resp: 1689563

Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.8	110.8
116	3.4	2.8	4.2

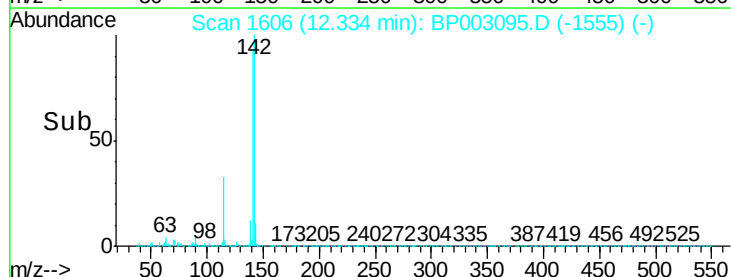
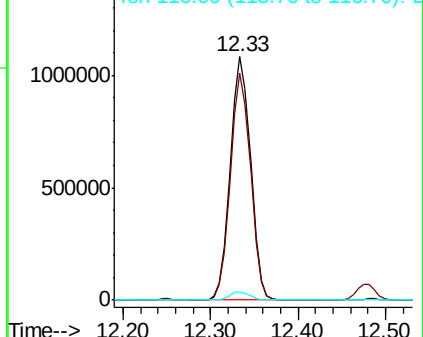


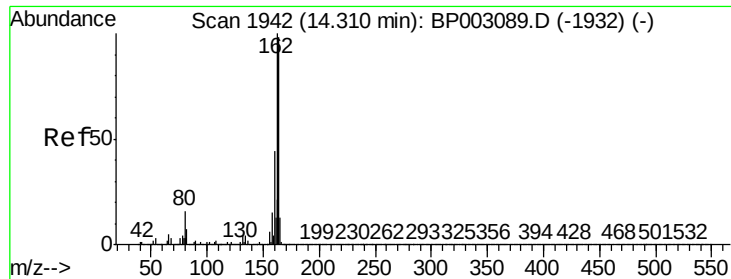
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

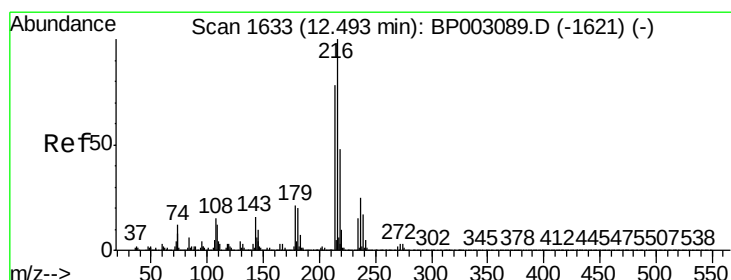
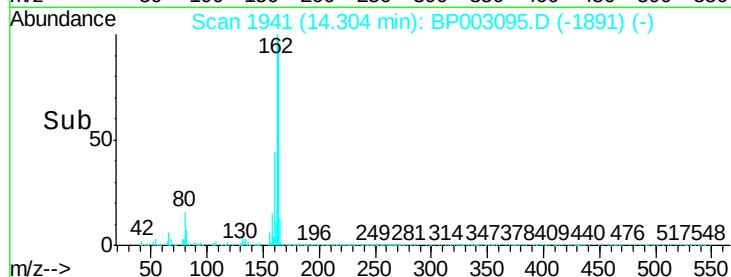
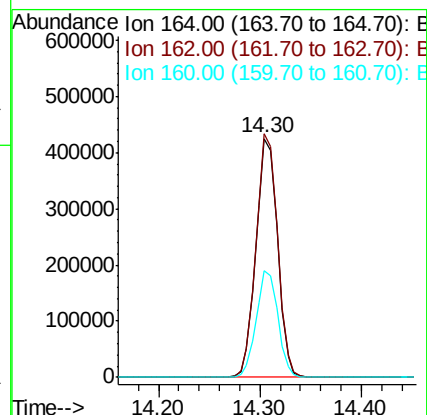
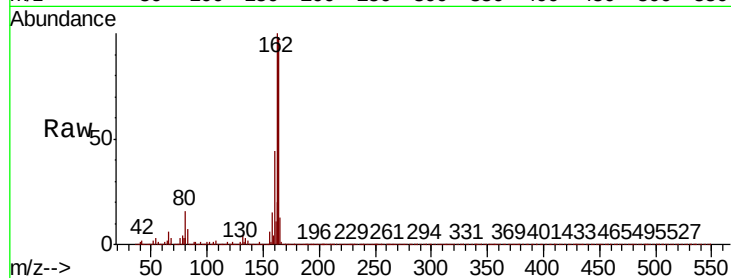
Tot Ion:164 Resp: 630269

Ion Ratio Lower Upper

164 100

162 102.0 81.2 121.8

160 44.8 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.195 ng

RT: 12.49 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Tgt Ion:216 Resp: 881641

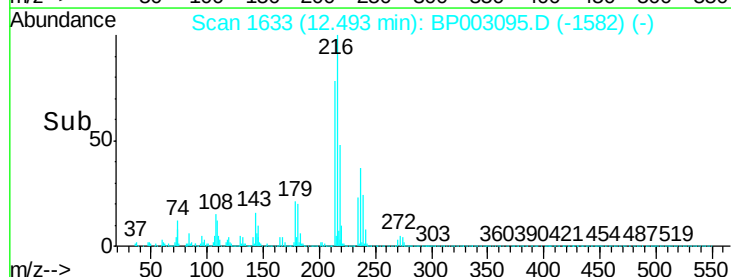
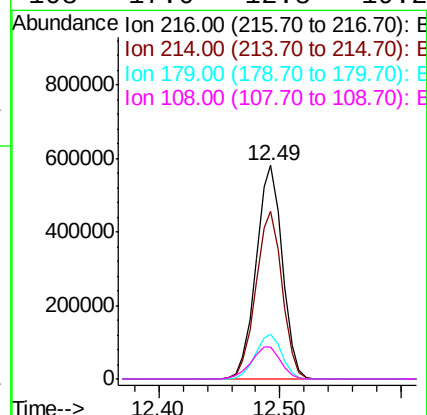
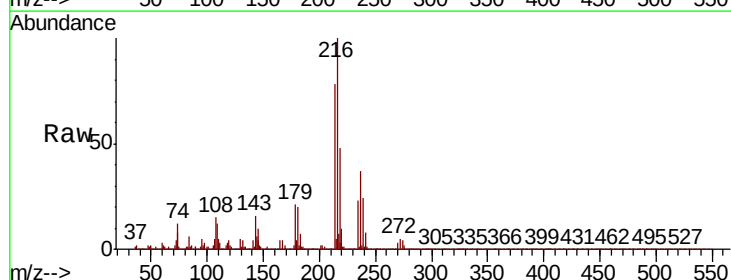
Ion Ratio Lower Upper

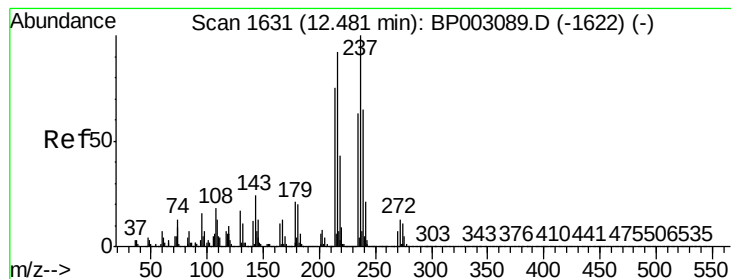
216 100

214 78.6 62.4 93.6

179 21.1 16.9 25.3

108 17.0 12.8 19.2





#41

Hexachlorocyclopentadiene

Concen: 106.405 ng

RT: 12.48 min Scan# 1631

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

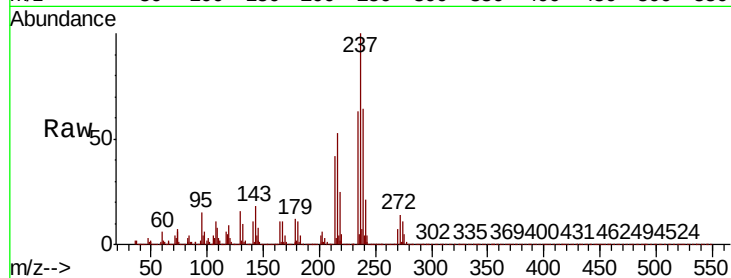
Tot Ion:237 Resp: 939618

Ion Ratio Lower Upper

237 100

235 62.8 43.0 83.0

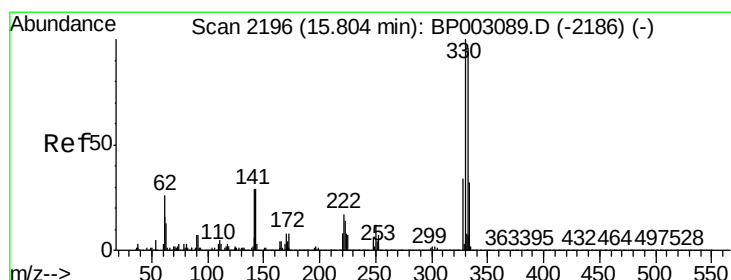
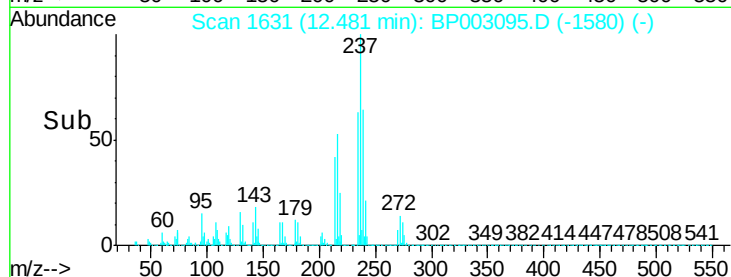
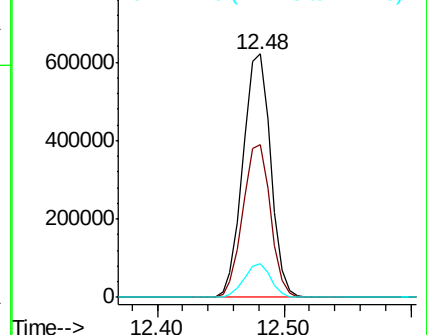
272 13.7 0.0 33.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.040 ng

RT: 15.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

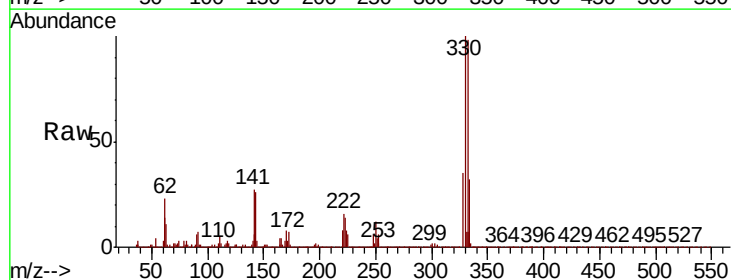
Tgt Ion:330 Resp: 1091445

Ion Ratio Lower Upper

330 100

332 96.6 77.3 115.9

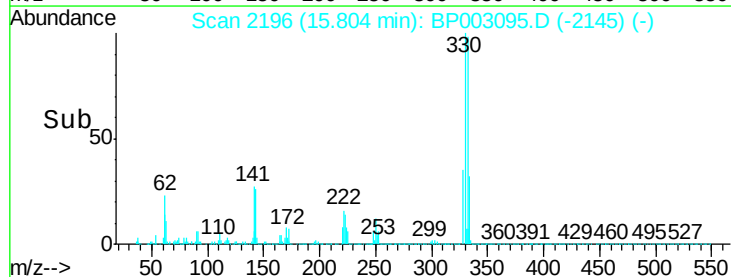
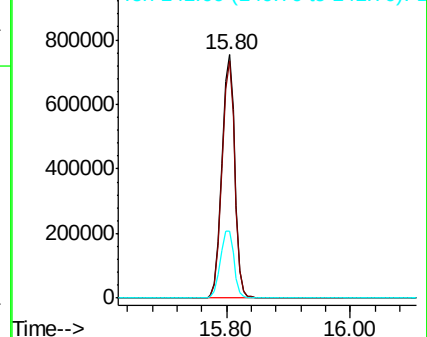
141 28.8 24.4 36.6

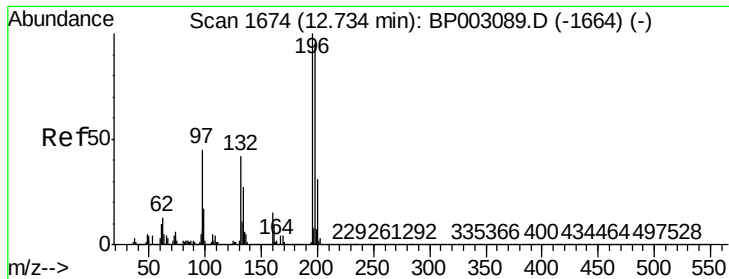


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

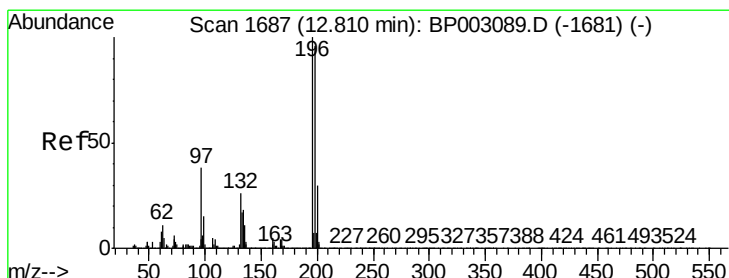
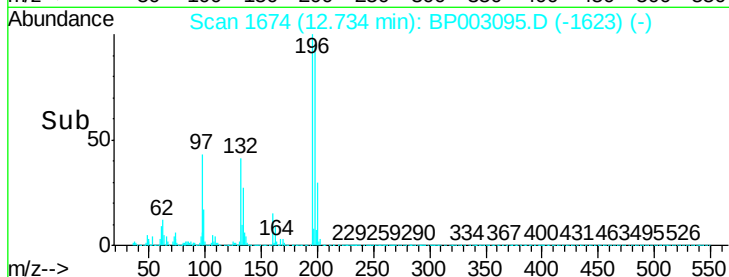
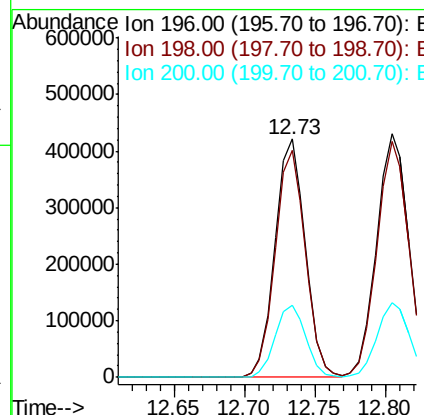
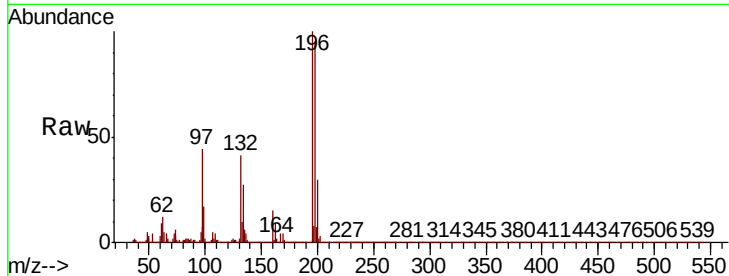




#43
 2,4,6-Trichlorophenol
 Concen: 51.476 ng
 RT: 12.73 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

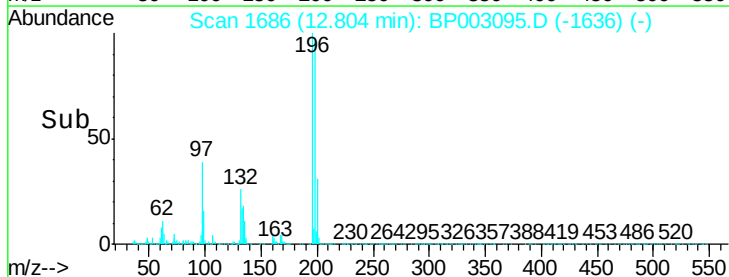
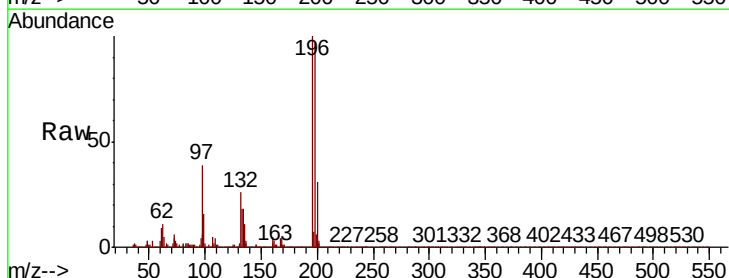
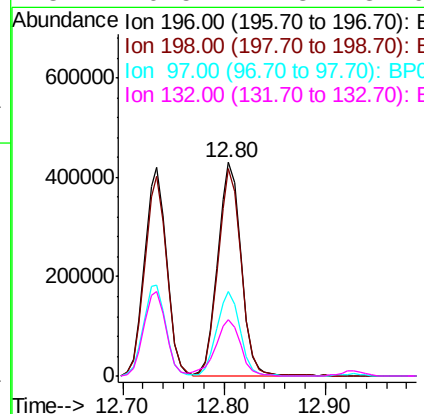
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

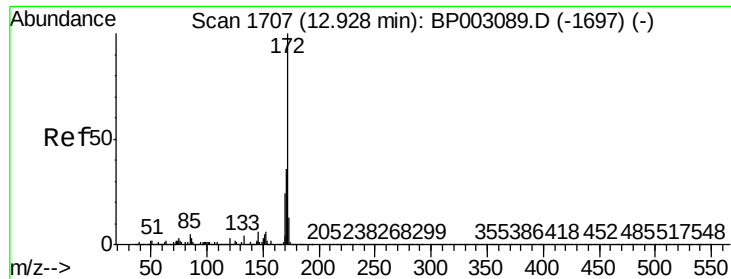
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.4	75.8	113.6
200	30.4	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 52.964 ng
 RT: 12.80 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.6	115.0
97	39.3	30.3	45.5
132	26.5	21.3	31.9

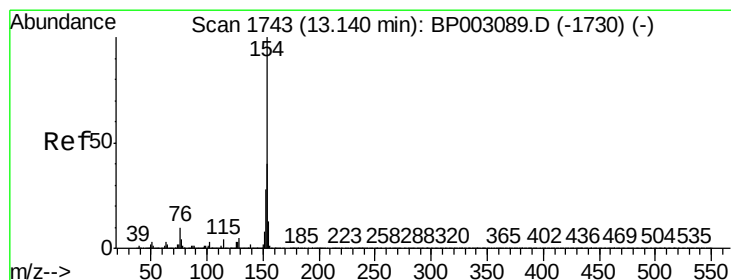
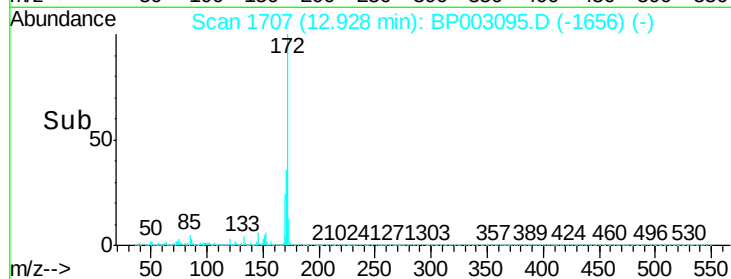
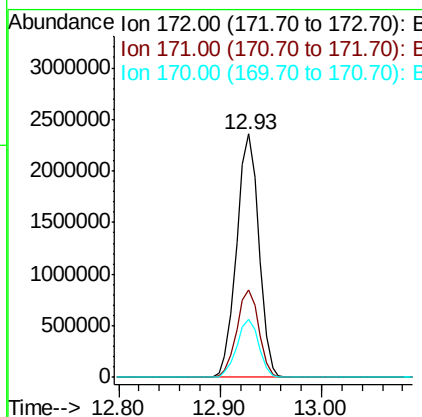
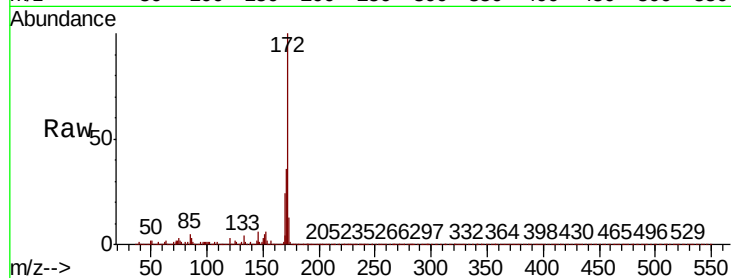




#45
2-Fluorobiphenyl
Concen: 83.506 ng
RT: 12.93 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

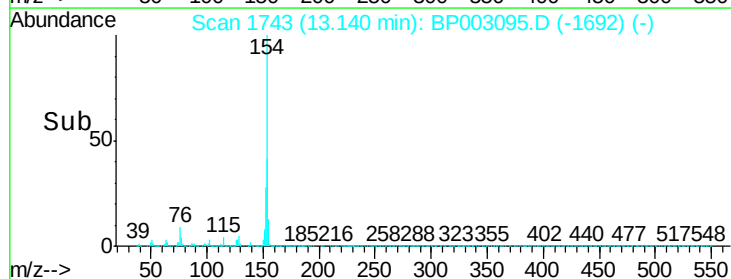
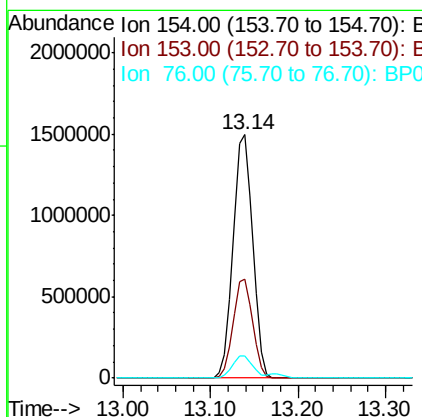
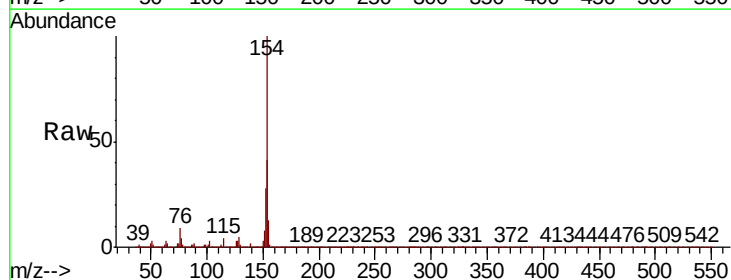
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

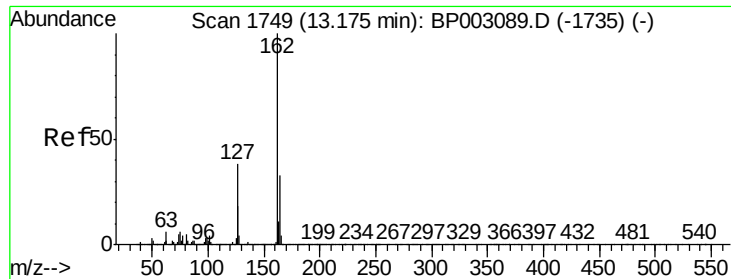
Tot Ion:172 Resp: 3593901
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.8 19.0 28.4



#46
1,1'-Biphenyl
Concen: 47.983 ng
RT: 13.14 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion:154 Resp: 2268396
Ion Ratio Lower Upper
154 100
153 40.8 20.3 60.3
76 8.9 0.0 29.7

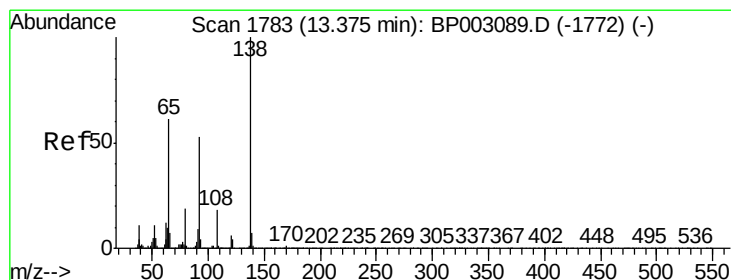
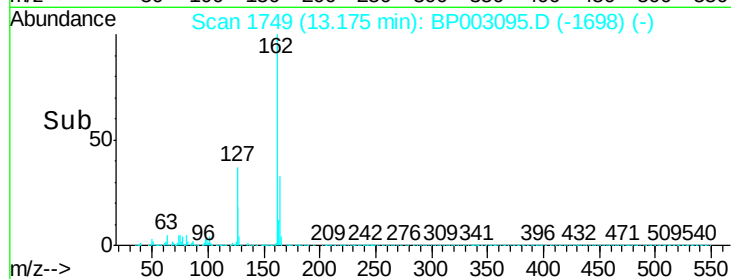
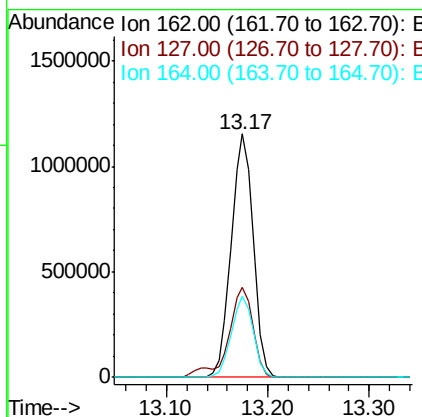
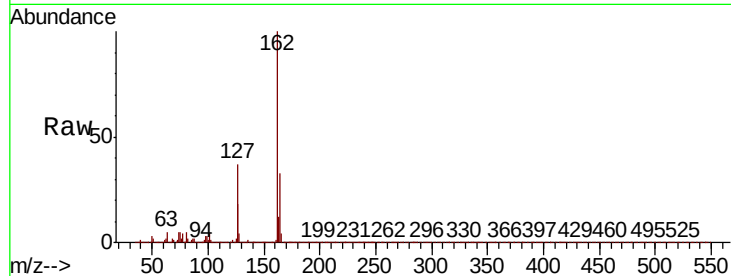




#47
2-Chloronaphthalene
Concen: 44.892 ng
RT: 13.17 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

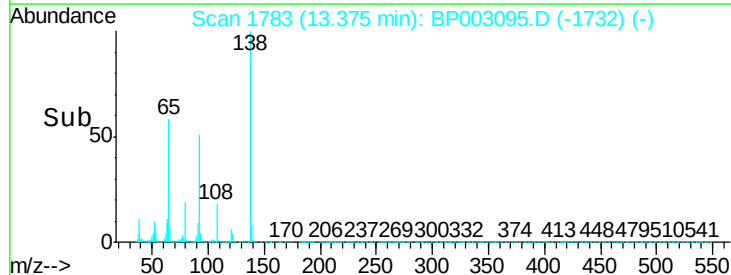
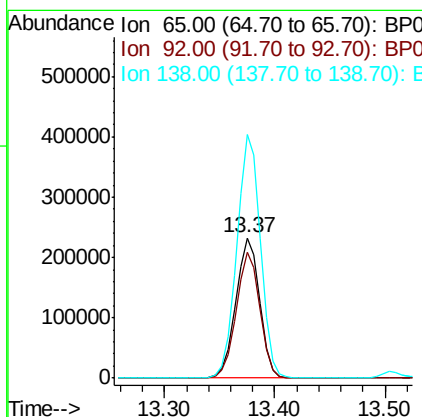
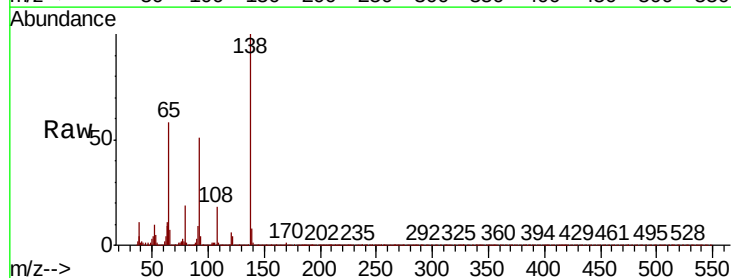
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

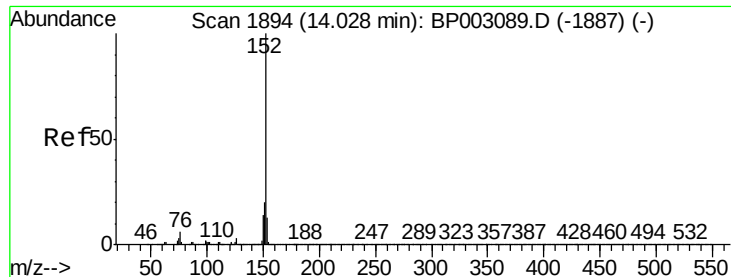
Tot Ion:162 Resp: 1737226
Ion Ratio Lower Upper
162 100
127 37.2 30.6 45.8
164 33.5 26.3 39.5



#48
2-Nitroaniline
Concen: 48.633 ng
RT: 13.37 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion: 65 Resp: 352375
Ion Ratio Lower Upper
65 100
92 89.2 70.2 105.4
138 173.4 131.7 197.5





#49

Acenaphthylene

Concen: 48.502 ng

RT: 14.02 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

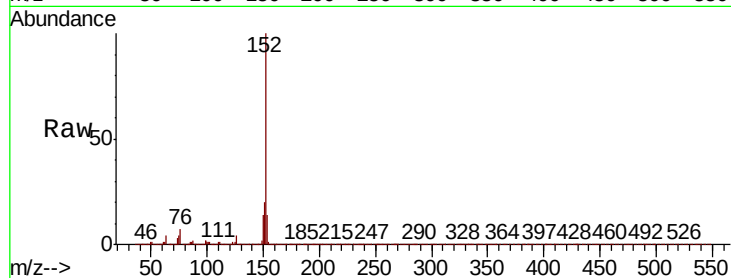
BNA_P

ClientSampleId :

OR-03-082020MS

Tot Ion:152 Resp: 2838111

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	13.6	10.5	15.7

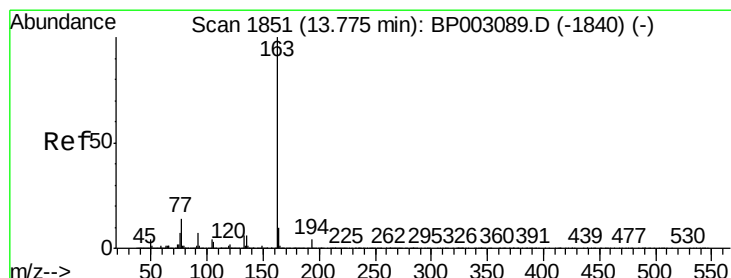
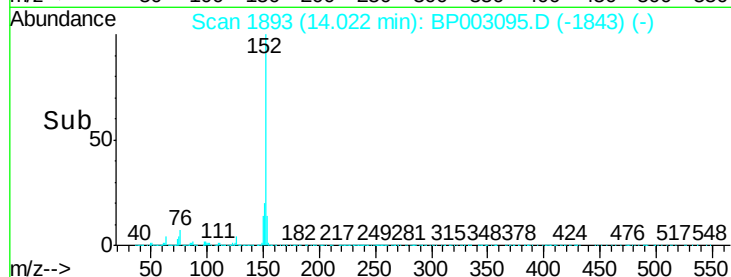
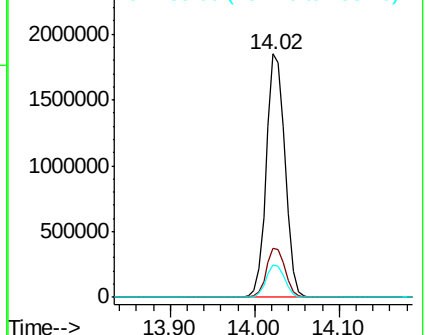


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.463 ng

RT: 13.77 min Scan# 1851

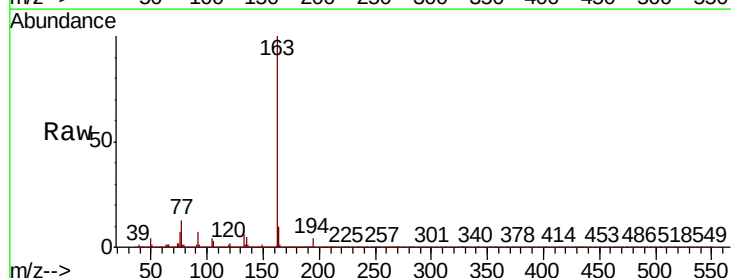
Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Tgt Ion:163 Resp: 2281241

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.0	8.1	12.1

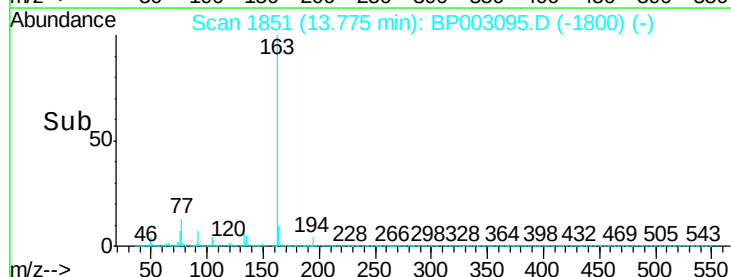
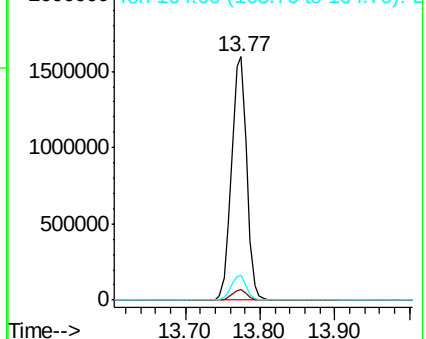


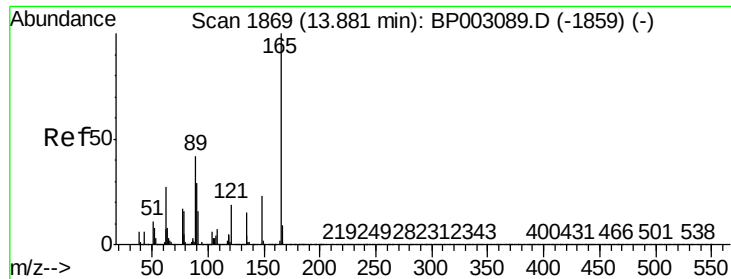
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

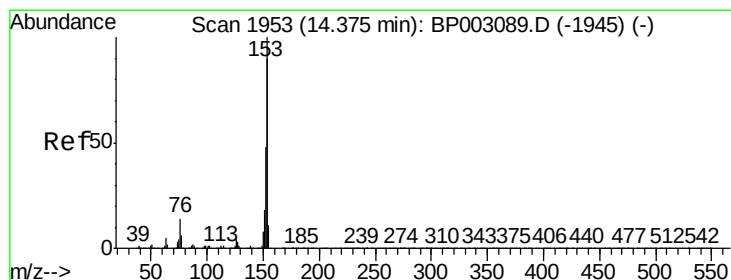
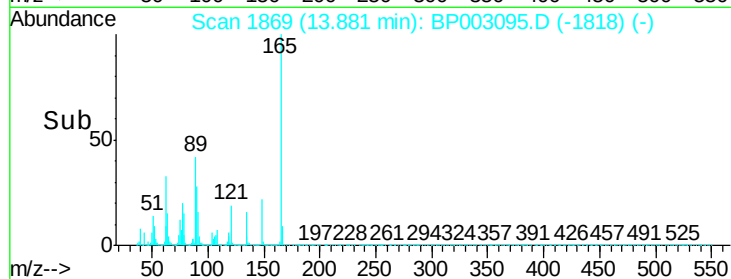
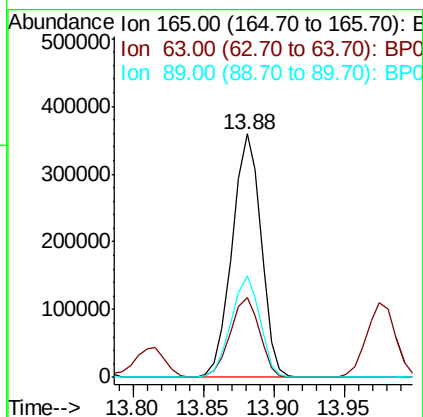
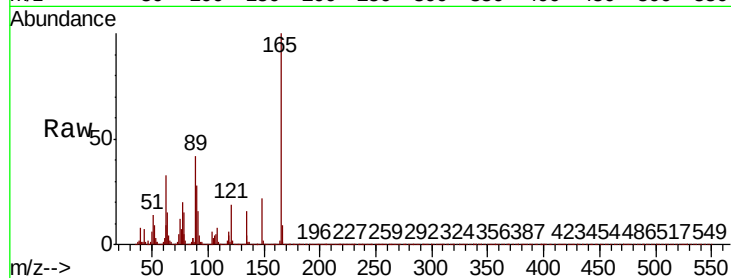




#51
 2,6-Dinitrotoluene
 Concen: 51.429 ng
 RT: 13.88 min Scan# 1869
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

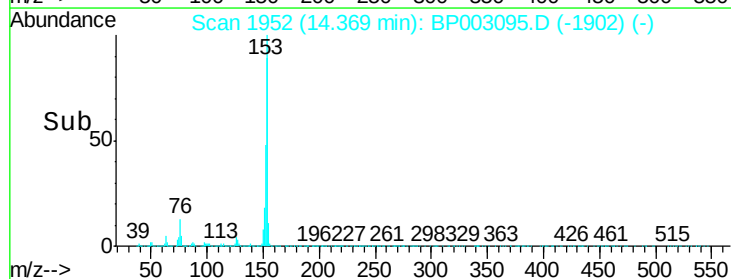
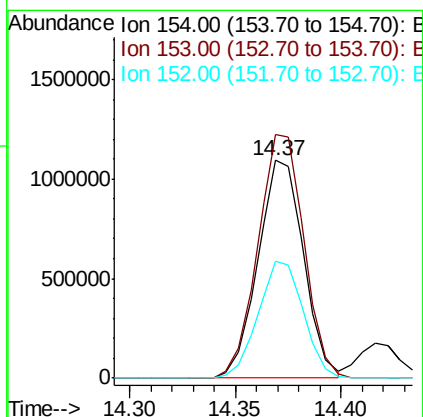
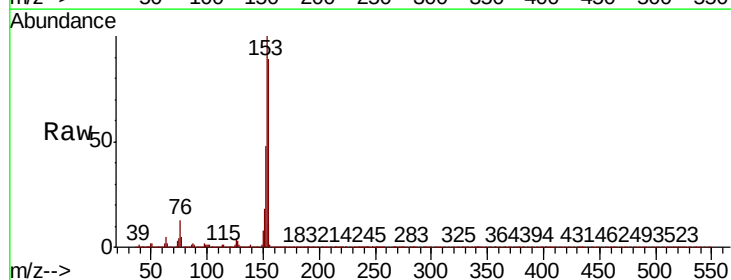
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

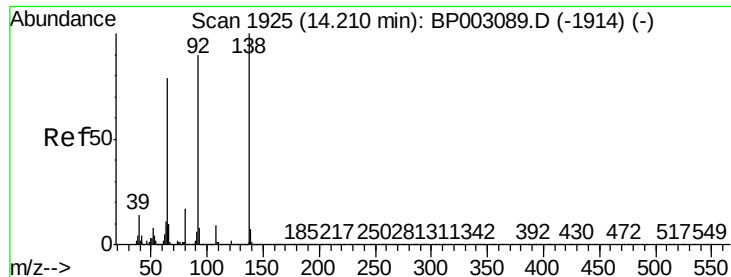
Tot Ion	Ratio	Lower	Upper
165	100		
63	32.6	27.5	41.3
89	41.9	33.6	50.4



#52
 Acenaphthene
 Concen: 45.772 ng
 RT: 14.37 min Scan# 1952
 Delta R.T. -0.01 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.7	89.2	133.8
152	53.4	42.5	63.7

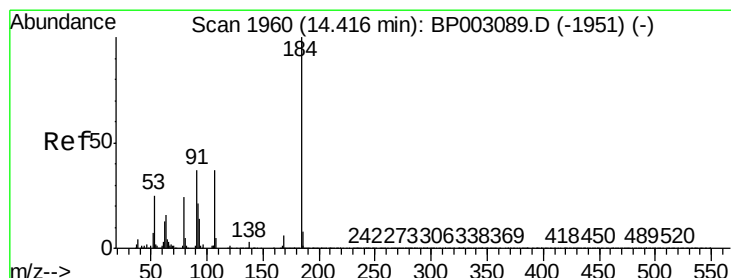
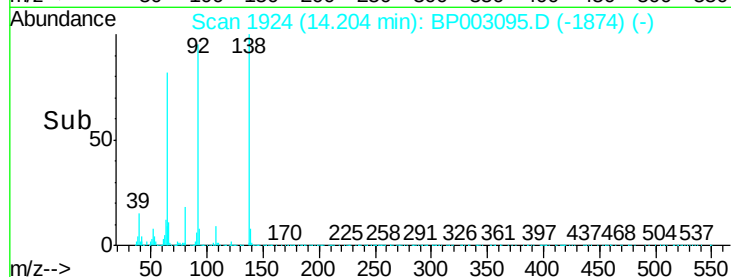
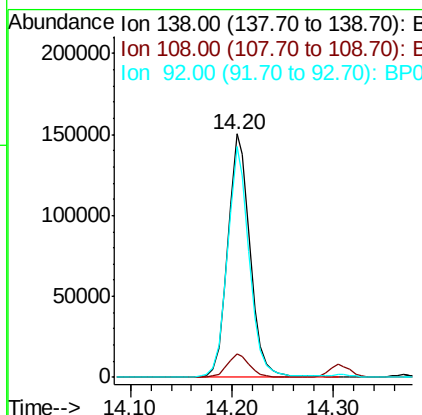
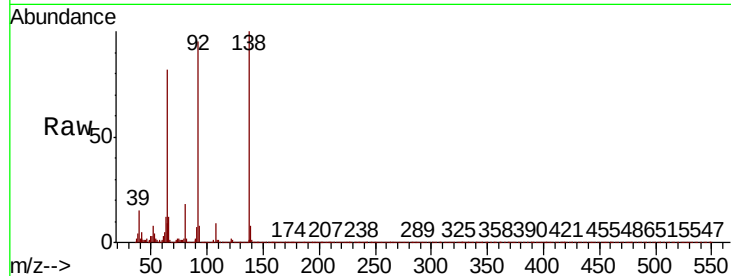




#53
 3-Nitroaniline
 Concen: 20.213 ng
 RT: 14.20 min Scan# 1924
 Delta R.T. -0.01 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

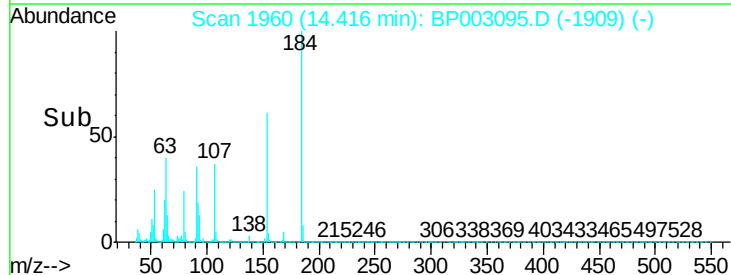
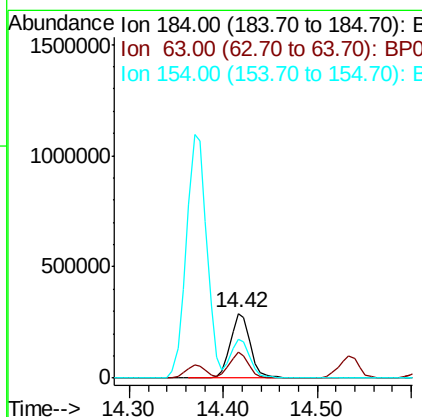
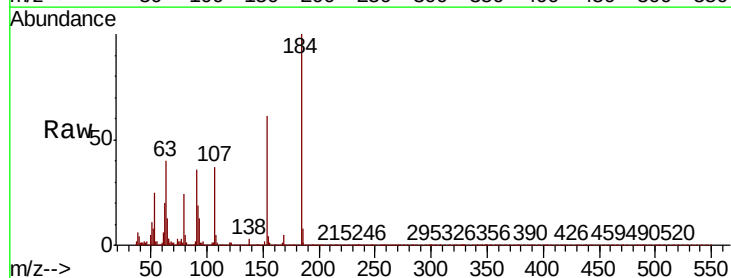
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

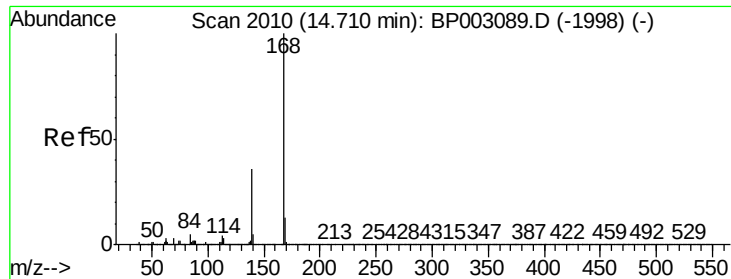
Tot Ion:138 Resp: 228766
 Ion Ratio Lower Upper
 138 100
 108 9.5 7.4 11.0
 92 94.7 72.2 108.2



#54
 2,4-Dinitrophenol
 Concen: 78.601 ng
 RT: 14.42 min Scan# 1960
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

Tgt Ion:184 Resp: 428093
 Ion Ratio Lower Upper
 184 100
 63 39.8 32.0 48.0
 154 60.6 48.2 72.2

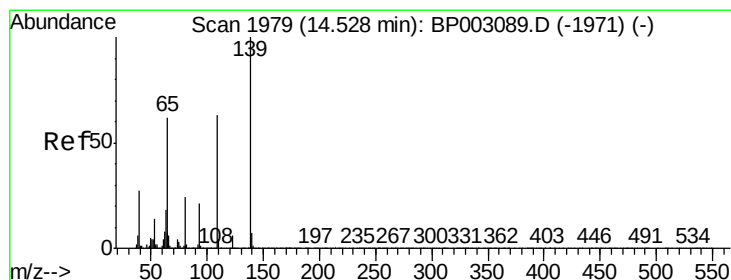
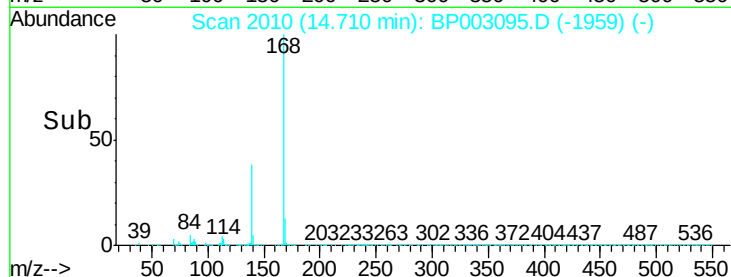
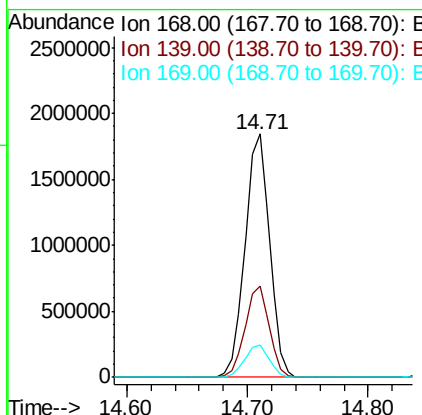
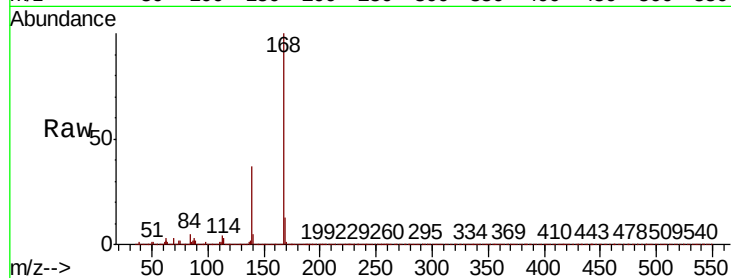




#55
Dibenzofuran
Concen: 46.455 ng
RT: 14.71 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

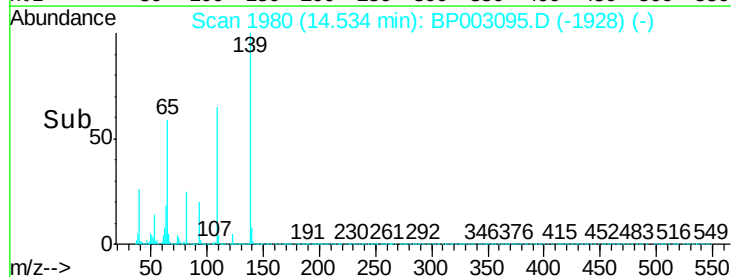
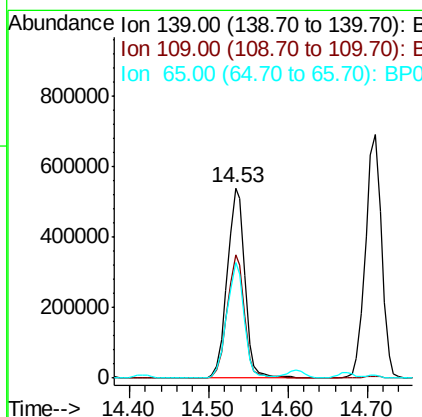
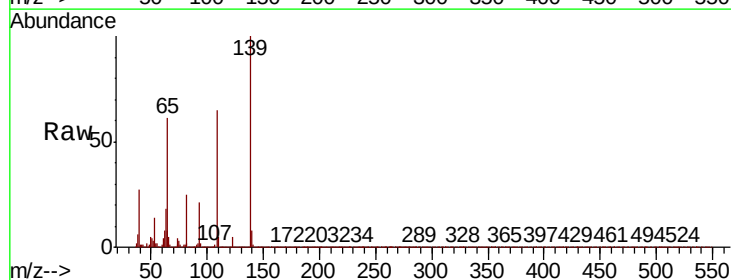
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

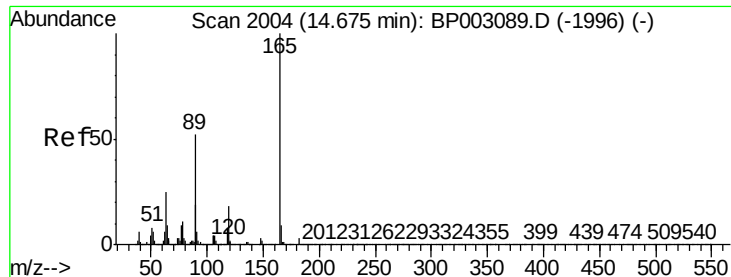
Tot Ion:168 Resp: 2622695
Ion Ratio Lower Upper
168 100
139 37.4 29.3 43.9
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 102.141 ng
RT: 14.53 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion:139 Resp: 831656
Ion Ratio Lower Upper
139 100
109 64.8 42.8 82.8
65 61.0 41.7 81.7

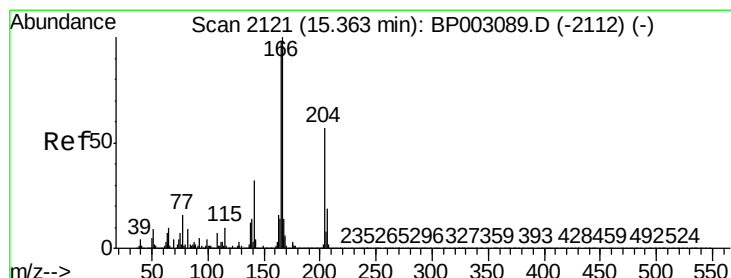
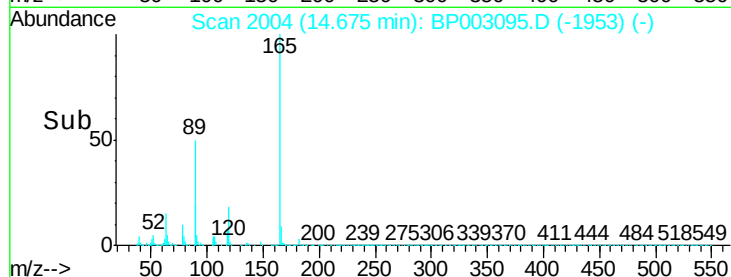
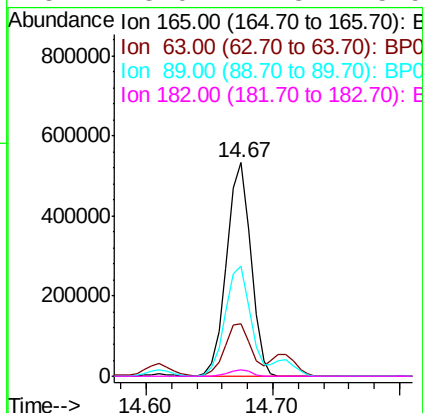
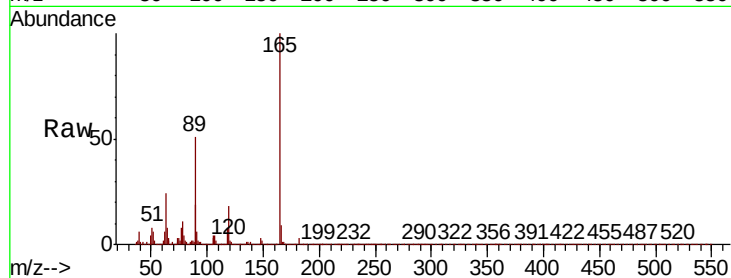




#57
2,4-Dinitrotoluene
Concen: 52.273 ng
RT: 14.67 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

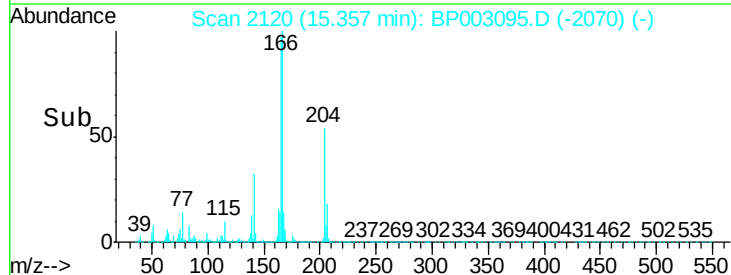
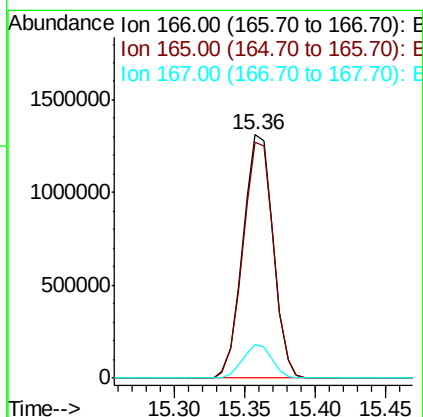
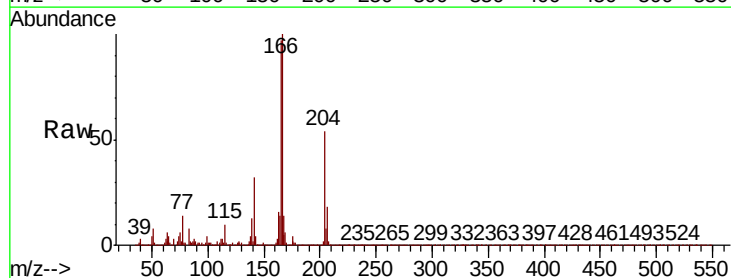
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

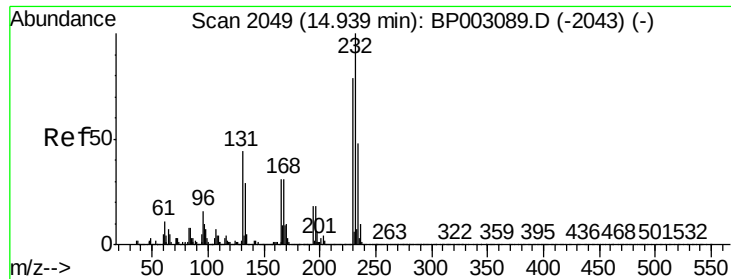
Tot Ion:165	Resp: 702097
Ion Ratio	Lower Upper
165 100	
63 24.4	20.3 30.5
89 51.5	42.0 63.0
182 3.0	2.3 3.5



#58
Fluorene
Concen: 45.275 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt	Ion:166	Resp:	1969000
Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.3	117.5
167	13.7	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.663 ng

RT: 14.94 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

Tot Ion:232 Resp: 607303

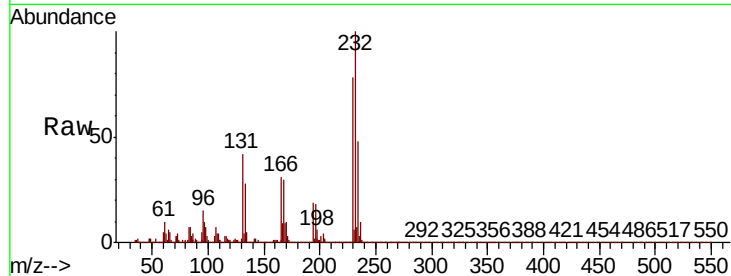
Ion Ratio Lower Upper

232 100

131 42.6 34.3 51.5

130 2.2 1.8 2.6

166 30.9 24.2 36.2

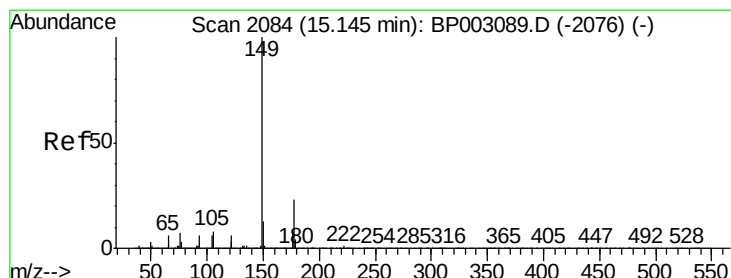
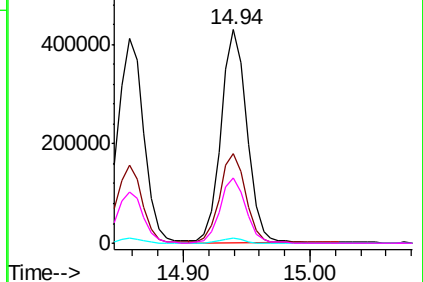
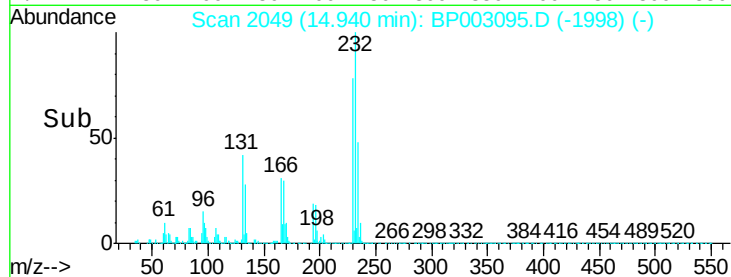


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 51.604 ng

RT: 15.15 min Scan# 2084

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

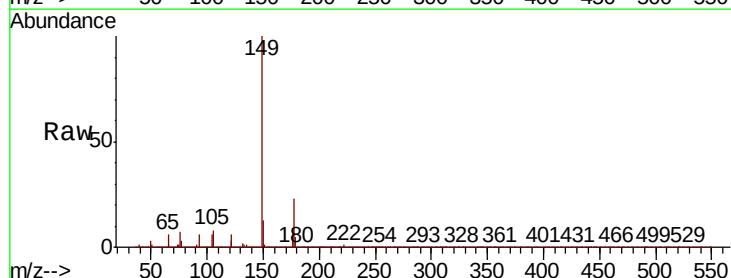
Tgt Ion:149 Resp: 2433397

Ion Ratio Lower Upper

149 100

177 22.6 18.1 27.1

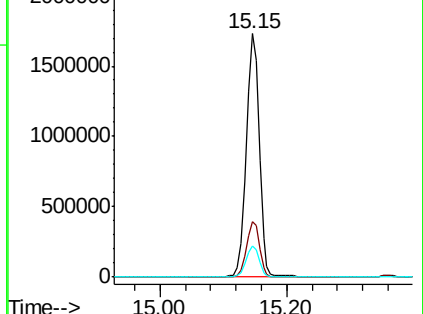
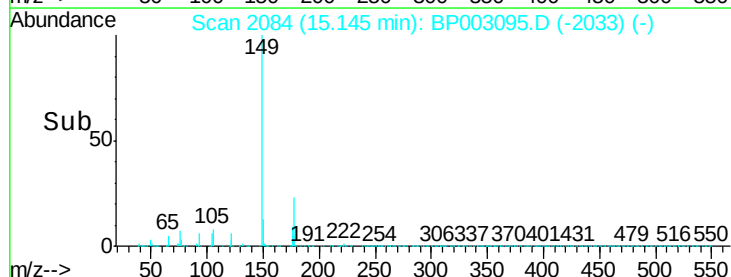
150 12.8 10.2 15.4

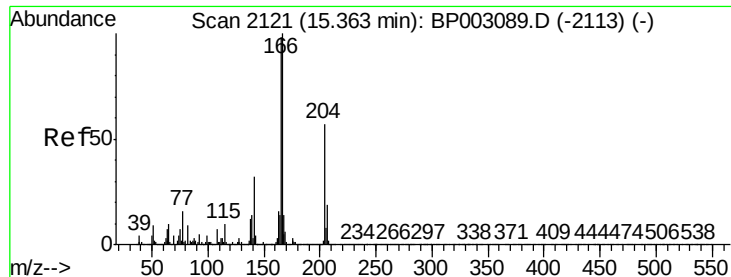


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

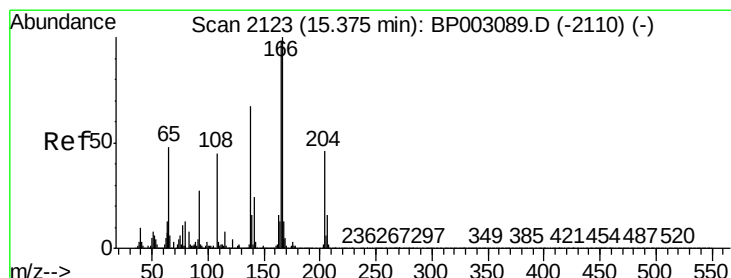
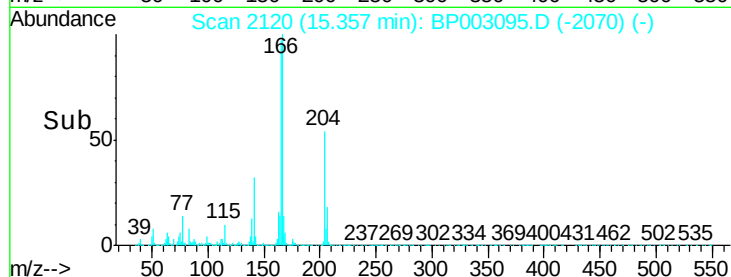
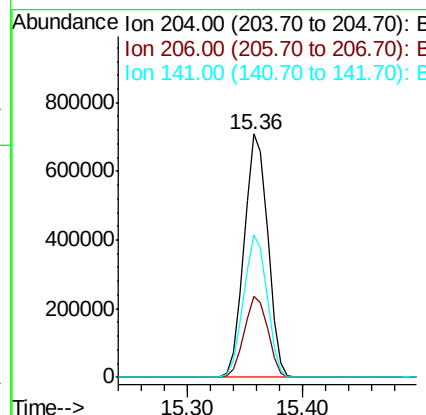
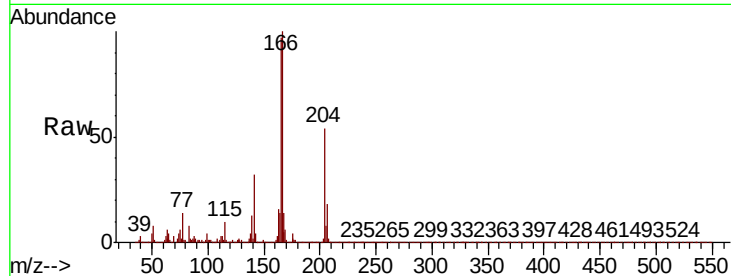




#61
4-Chlorophenyl-phenylether
Concen: 44.663 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

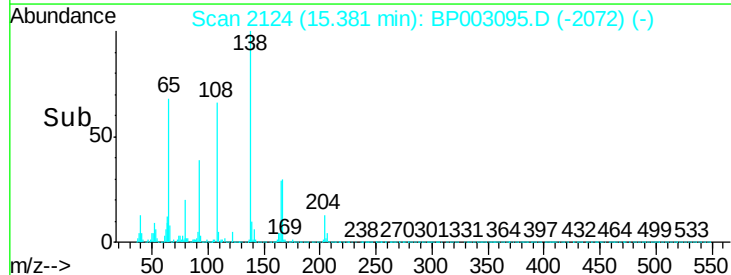
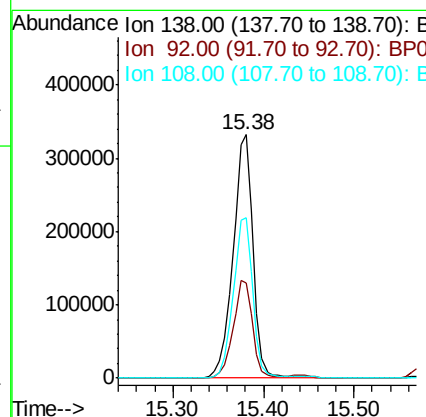
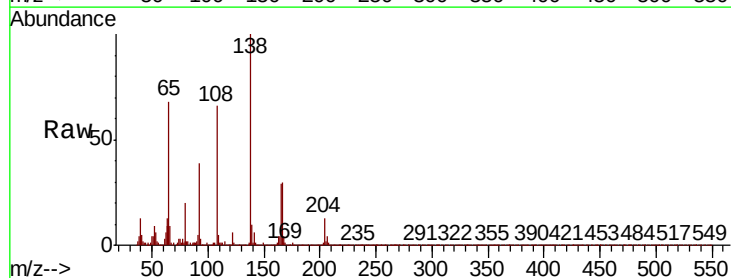
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

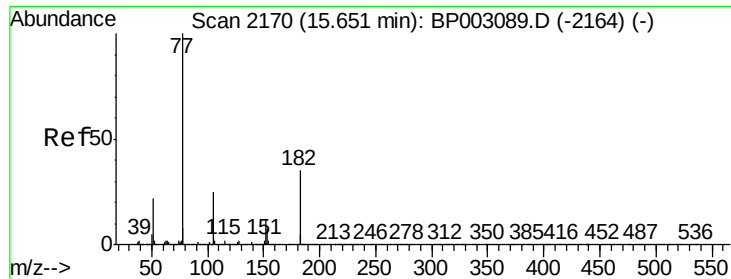
Tot Ion:204 Resp: 1003096
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 58.6 45.5 68.3



#62
4-Nitroaniline
Concen: 43.936 ng
RT: 15.38 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion:138 Resp: 511138
Ion Ratio Lower Upper
138 100
92 39.2 21.1 61.1
108 66.1 46.6 86.6



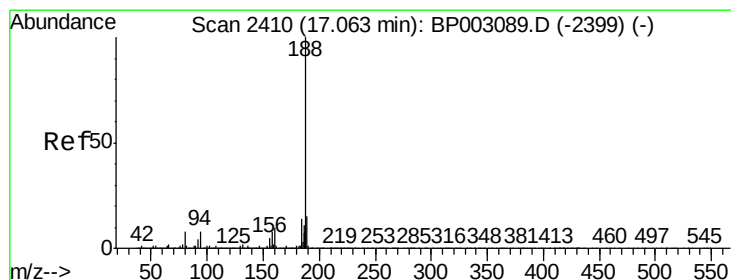
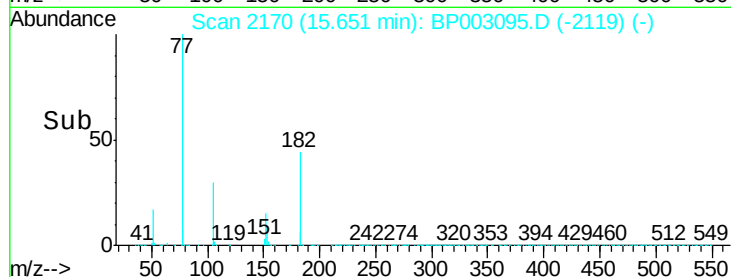
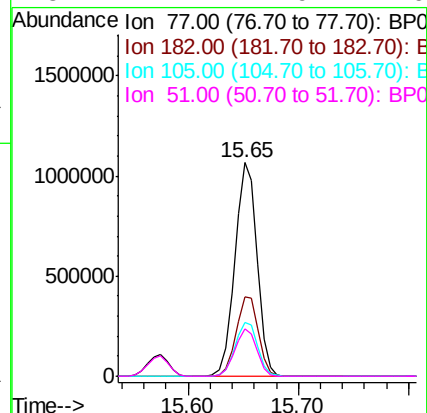
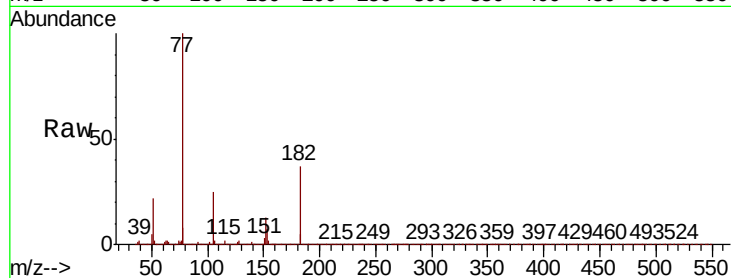


#63
Azobenzene
Concen: 47.782 ng
RT: 15.65 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

Tot Ion: 77 Resp: 1495422

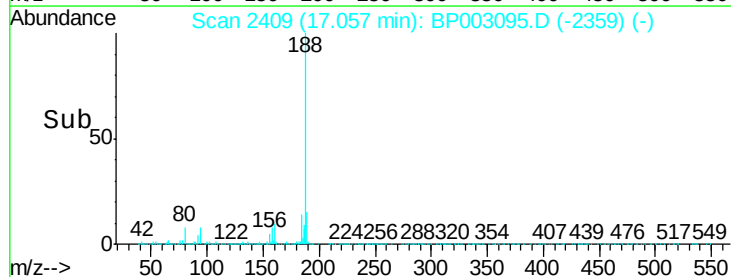
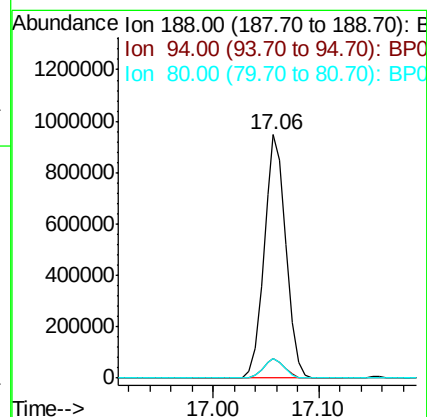
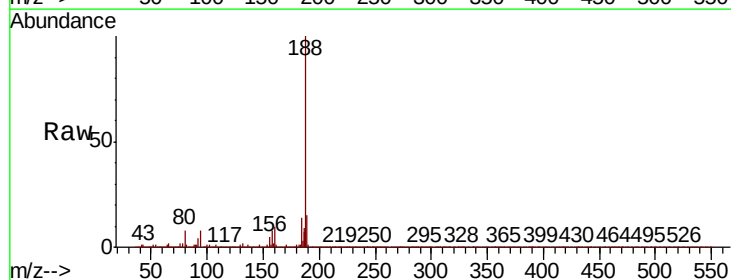
Ion	Ratio	Lower	Upper
77	100		
182	37.4	15.4	55.4
105	25.5	5.1	45.1
51	22.4	1.9	41.9

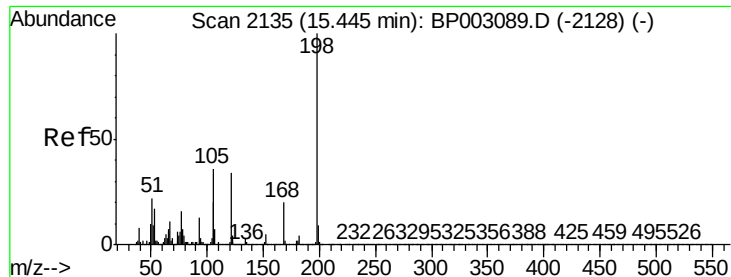


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion: 188 Resp: 1350196

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.2	9.4
80	8.0	6.4	9.6

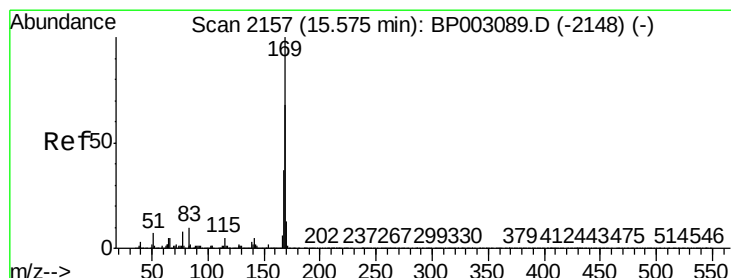
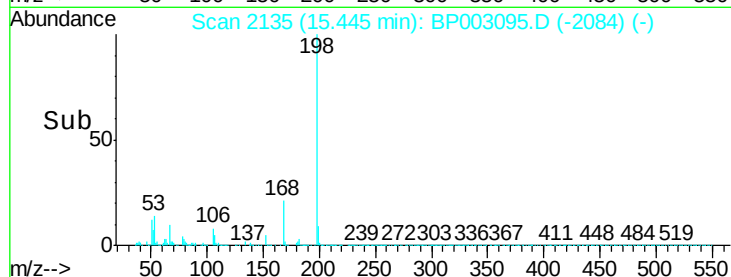
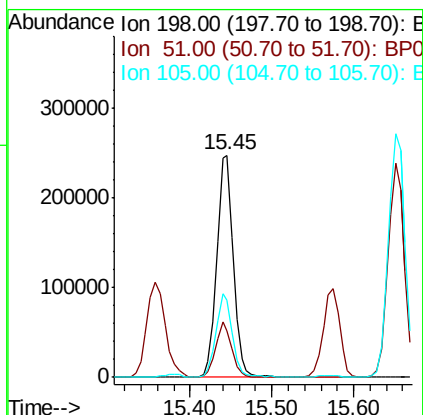
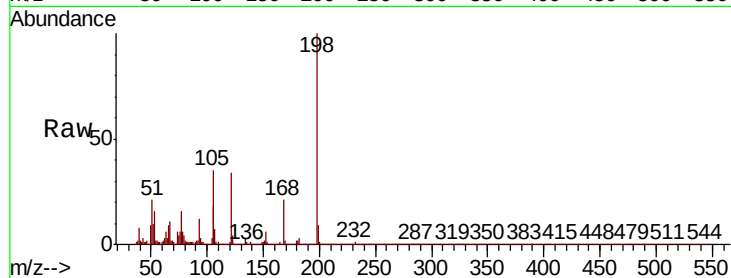




#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.259 ng
 RT: 15.45 min Scan# 2135
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

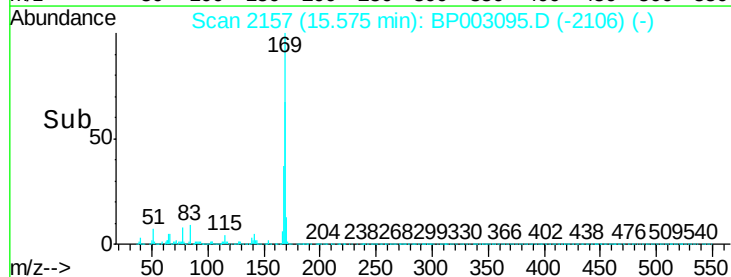
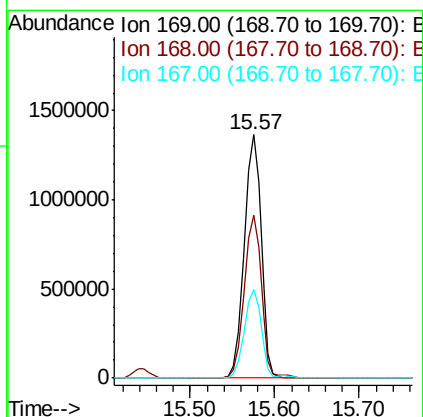
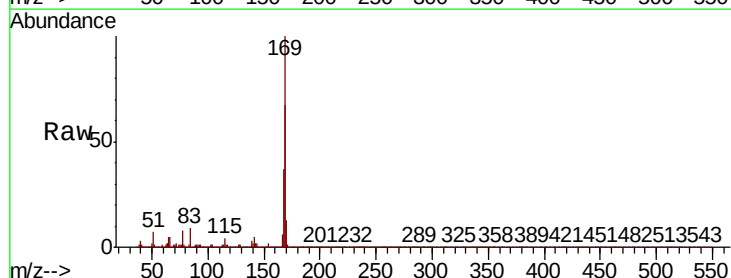
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

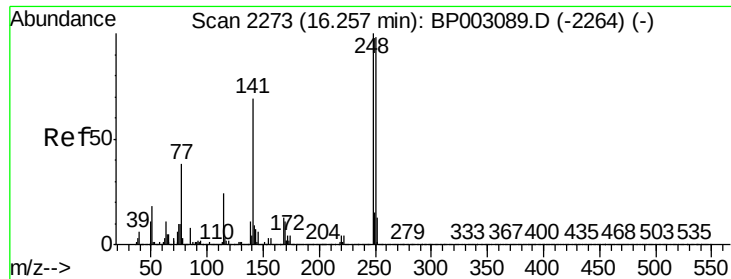
Tot Ion	Ratio	Lower	Upper
198	100		
51	21.0	2.4	42.4
105	34.9	16.1	56.1



#66
 n-Nitrosodiphenylamine
 Concen: 47.695 ng
 RT: 15.57 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.2	81.4
167	36.5	29.4	44.2

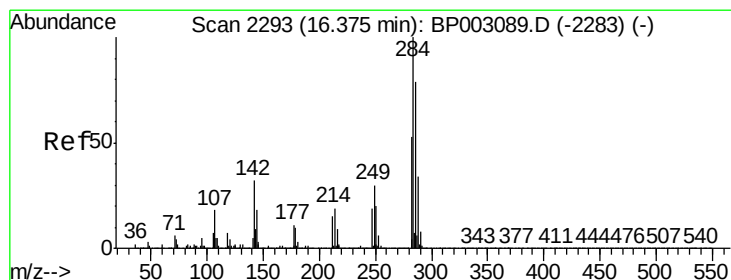
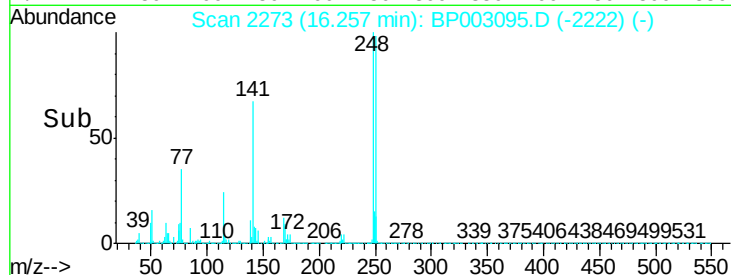
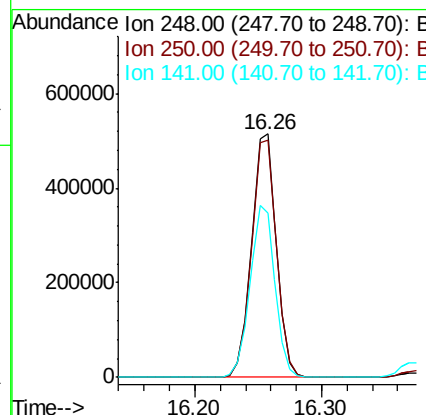
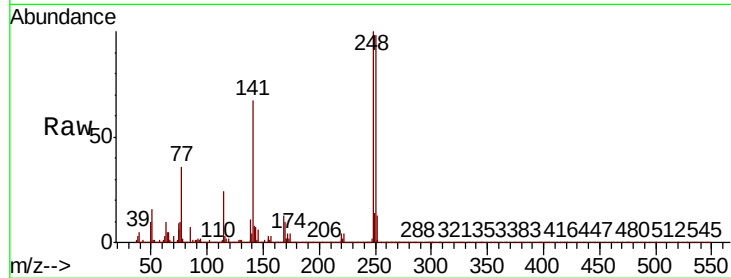




#67
4-Bromophenyl-phenylether
Concen: 47.095 ng
RT: 16.26 min Scan# 2273
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

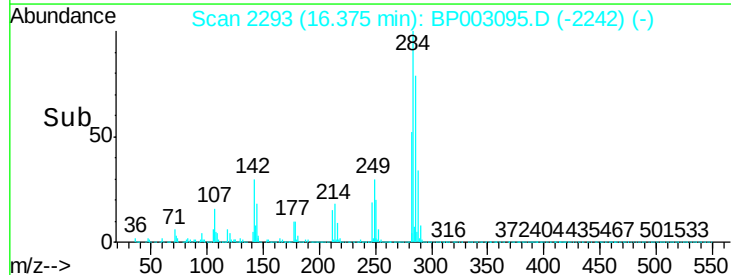
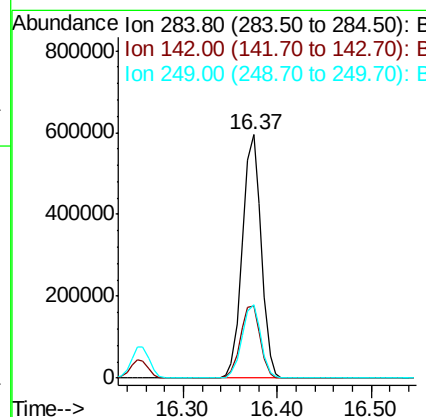
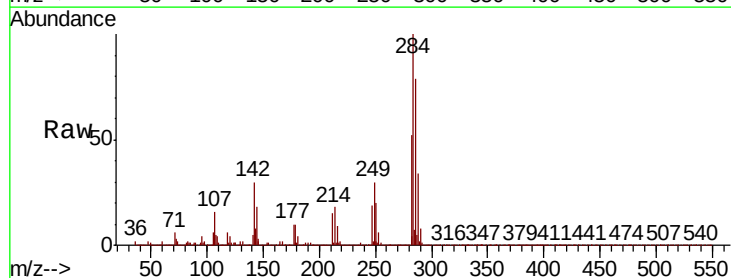
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

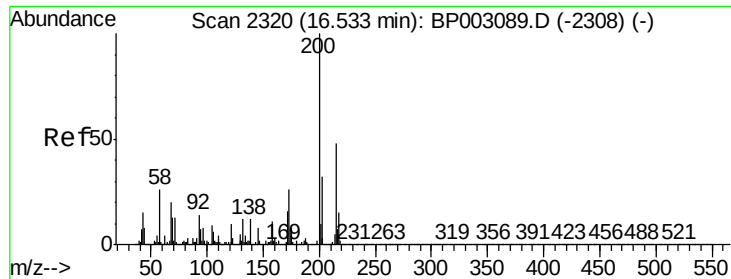
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.3	117.5
141	67.2	54.9	82.3



#68
Hexachlorobenzene
Concen: 46.375 ng
RT: 16.37 min Scan# 2293
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	25.8	38.6
249	30.3	24.3	36.5





#69

Atrazine

Concen: 45.124 ng

RT: 16.53 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

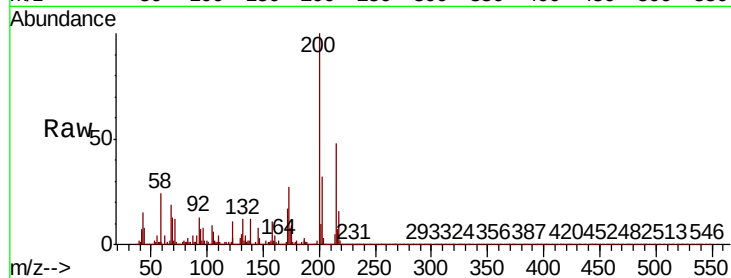
Tot Ion:200 Resp: 600855

Ion Ratio Lower Upper

200 100

173 26.7 6.3 46.3

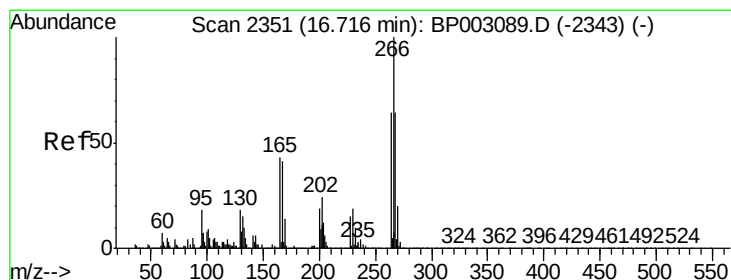
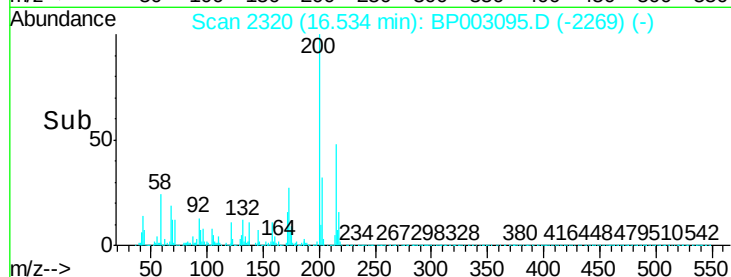
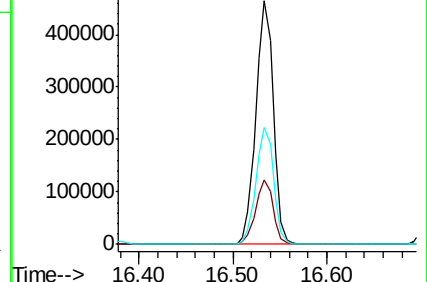
215 47.8 27.9 67.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 123.589 ng

RT: 16.72 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

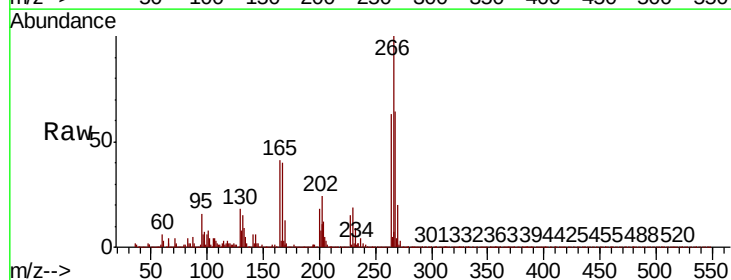
Tgt Ion:266 Resp: 1048498

Ion Ratio Lower Upper

266 100

268 63.6 51.3 76.9

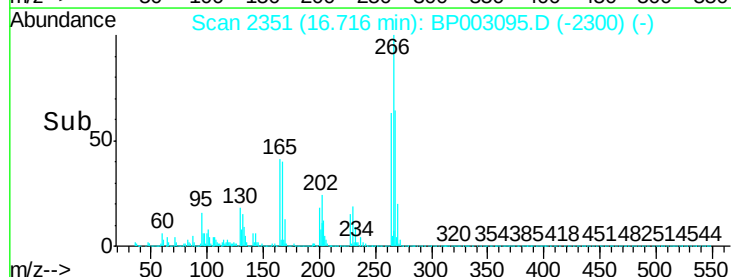
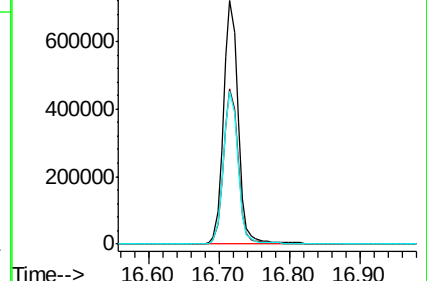
264 62.6 51.0 76.6

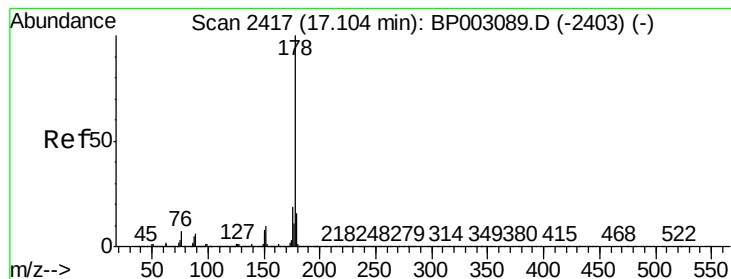


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 46.195 ng

RT: 17.10 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

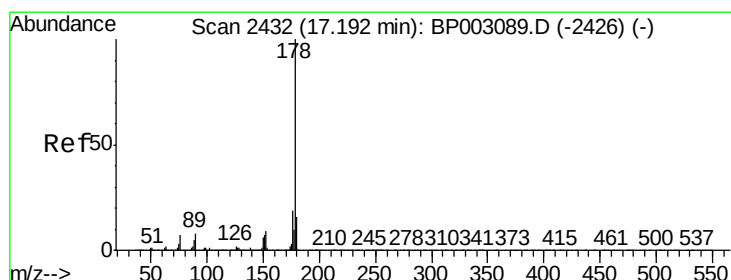
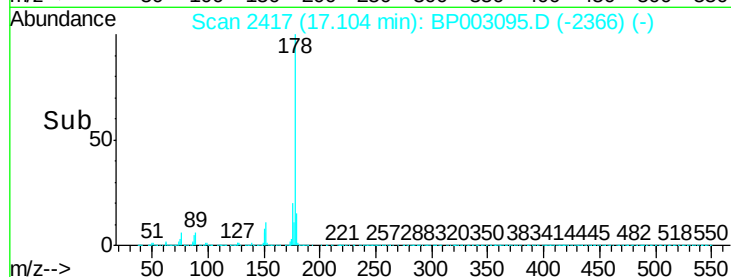
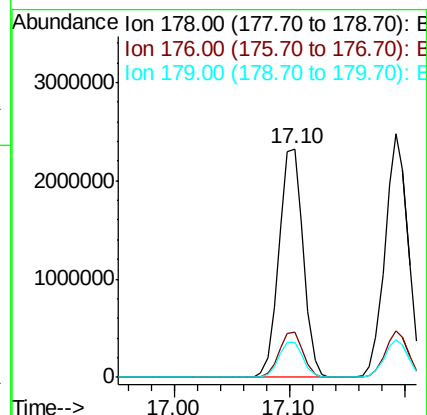
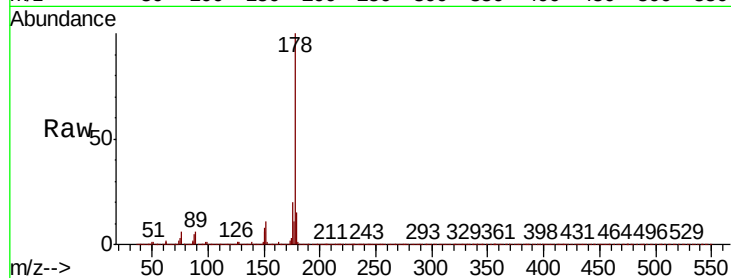
Tot Ion:178 Resp: 3379743

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	15.5	12.4	18.6

178 100

176 19.7 15.4 23.2

179 15.5 12.4 18.6



#72

Anthracene

Concen: 49.156 ng

RT: 17.19 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

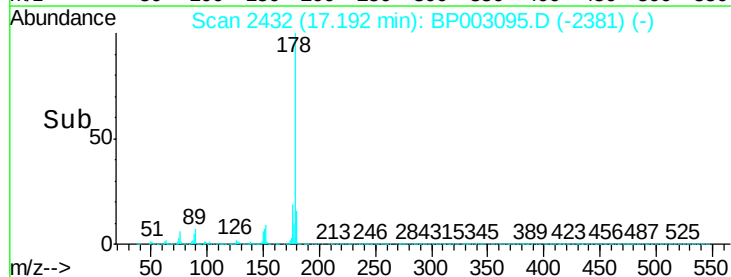
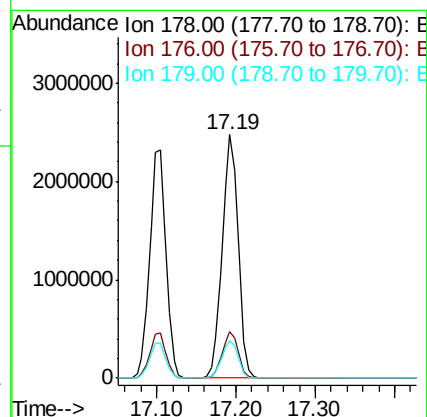
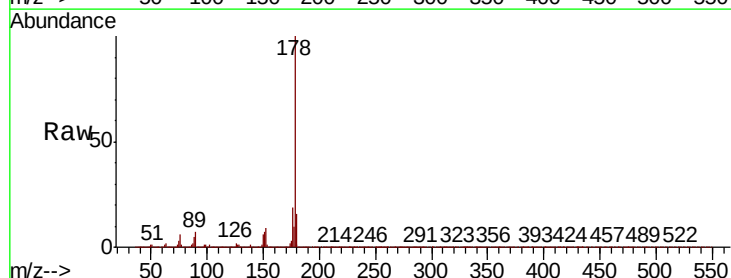
Tgt Ion:178 Resp: 3441882

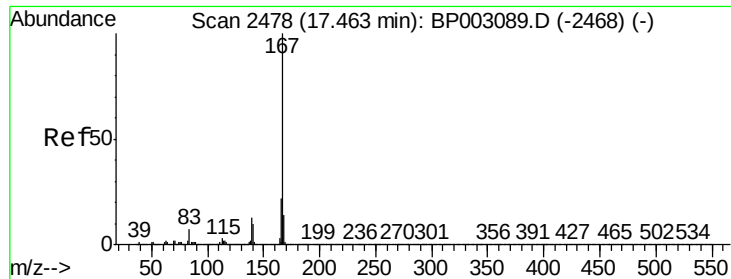
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.7	12.6	19.0

178 100

176 19.0 15.2 22.8

179 15.7 12.6 19.0

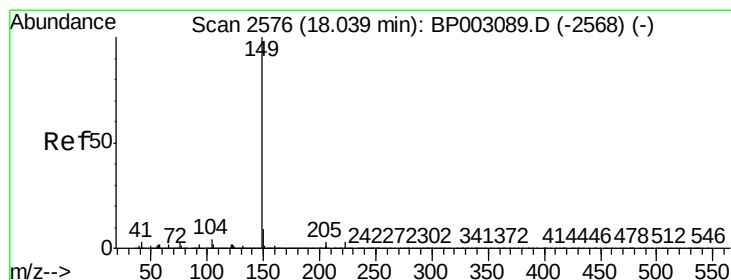
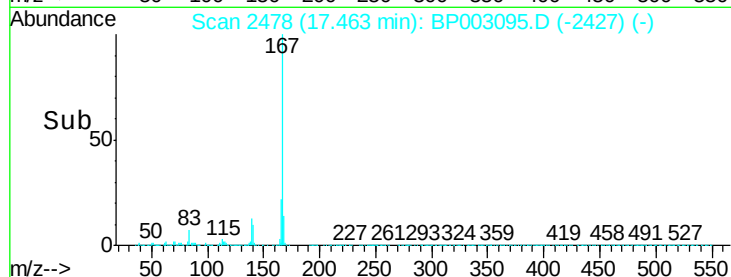
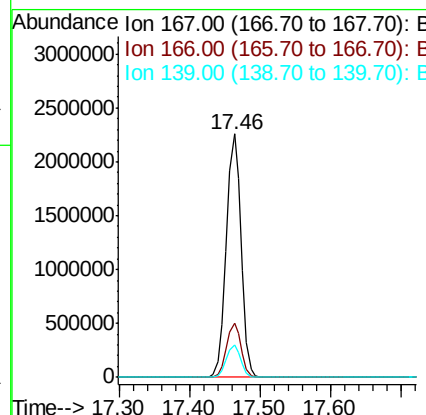
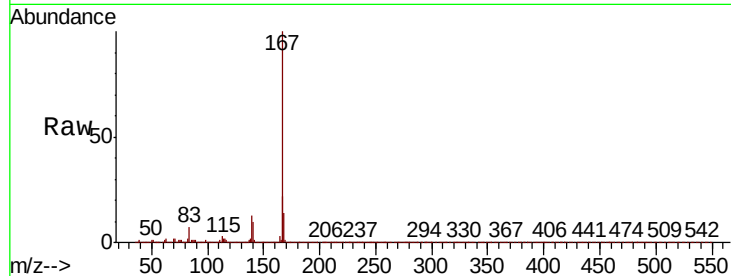




#73
 Carbazole
 Concen: 48.856 ng
 RT: 17.46 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

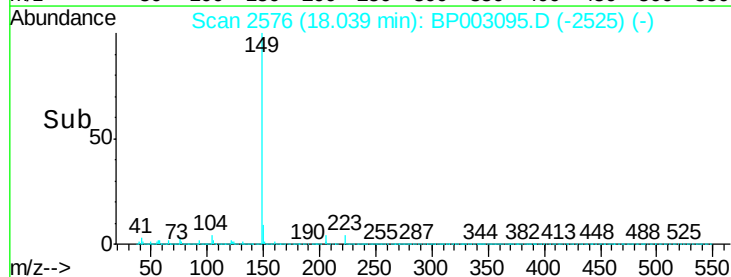
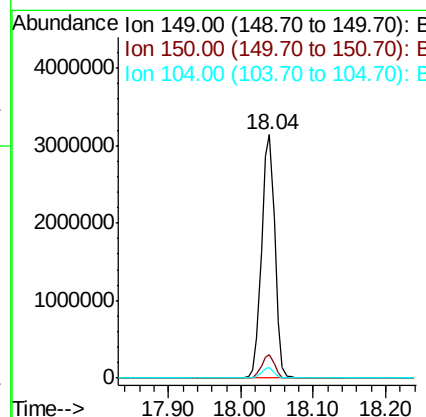
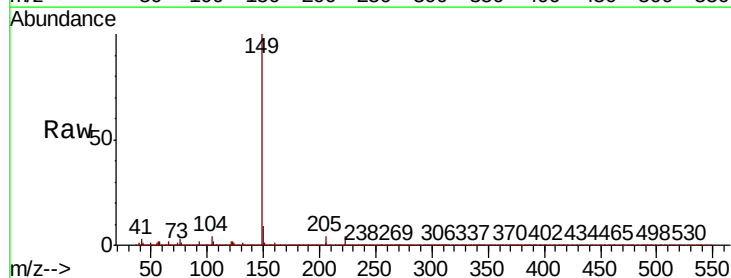
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

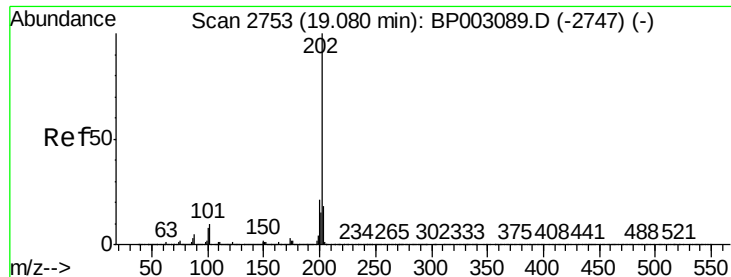
Tot Ion:167 Resp: 3283146
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 13.1 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 50.565 ng
 RT: 18.04 min Scan# 2576
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

Tgt Ion:149 Resp: 3994419
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.3 3.3 4.9





#75

Fluoranthene

Concen: 47.472 ng

RT: 19.08 min Scan# 2753

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

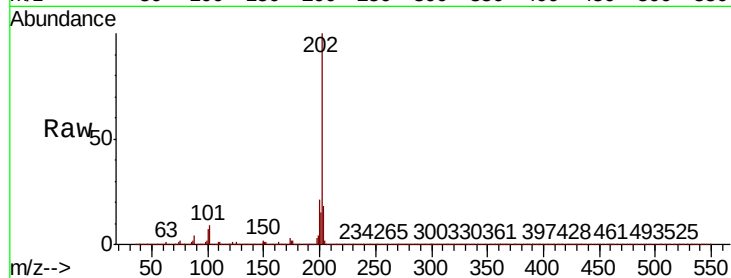
BNA_P

ClientSampleId :

OR-03-082020MS

Tot Ion:202 Resp: 4014199

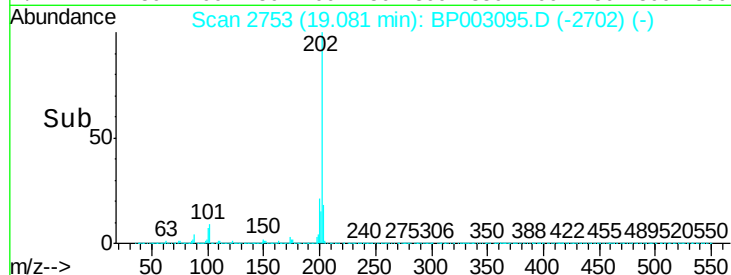
Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.0
203	17.9	0.0	37.7



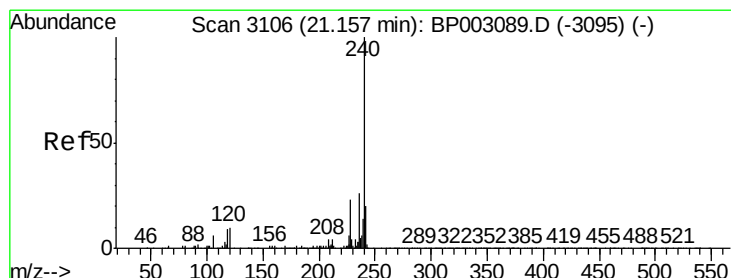
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.16 min Scan# 3106

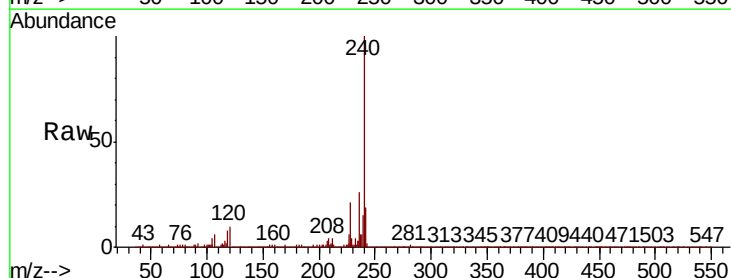
Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Tgt Ion:240 Resp: 1356502

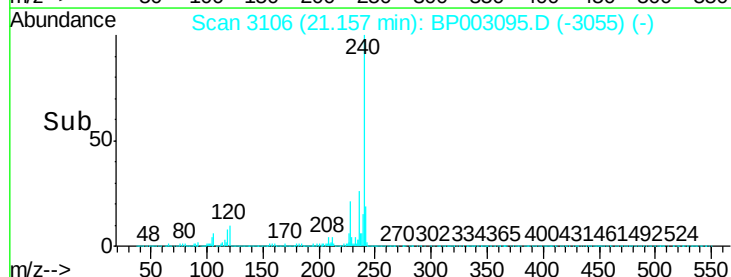
Ion	Ratio	Lower	Upper
240	100		
120	9.6	8.4	12.6
236	26.1	20.6	31.0



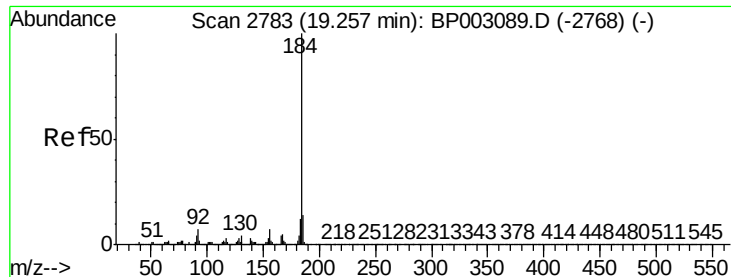
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#77

Benzidine

Concen: 25.048 ng

RT: 19.26 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

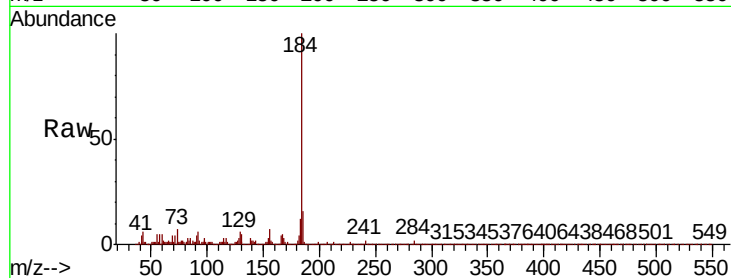
BNA_P

ClientSampleId :

OR-03-082020MS

Tot Ion:184 Resp: 776554

Ion	Ratio	Lower	Upper
184	100		
185	16.5	11.5	17.3
183	12.0	9.4	14.2

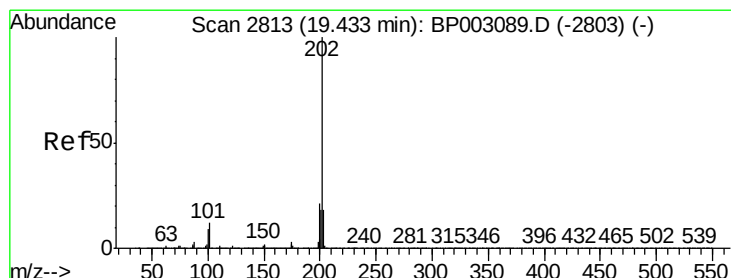
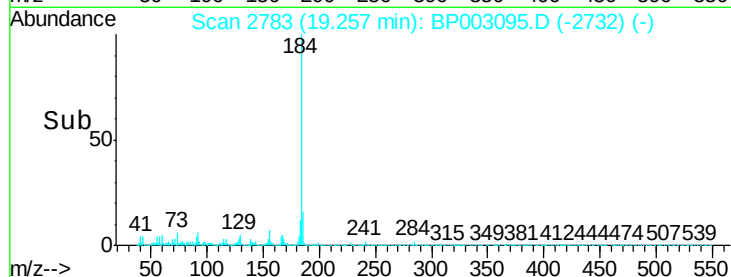
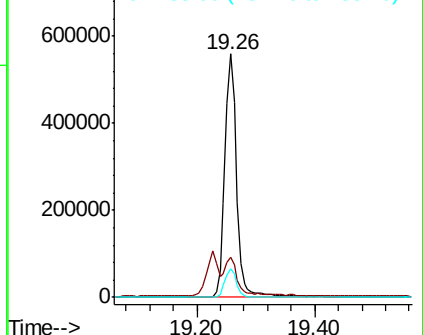


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.088 ng

RT: 19.43 min Scan# 2813

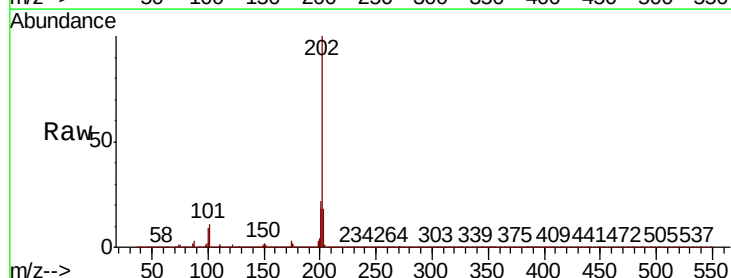
Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Tgt Ion:202 Resp: 4057601

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	17.8	14.0	21.0

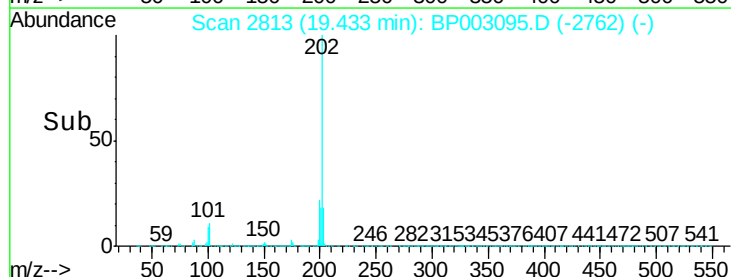
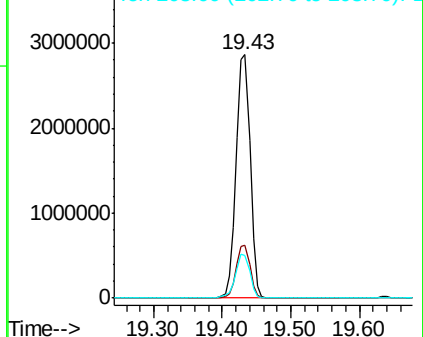


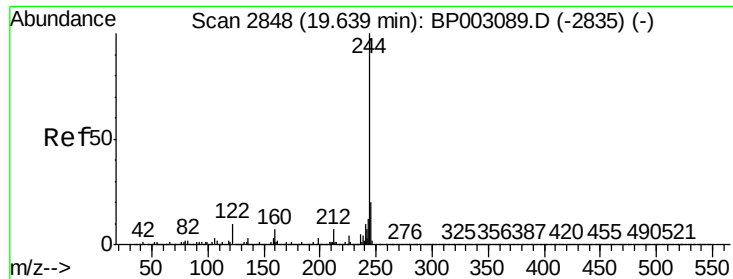
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.597 ng

RT: 19.64 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

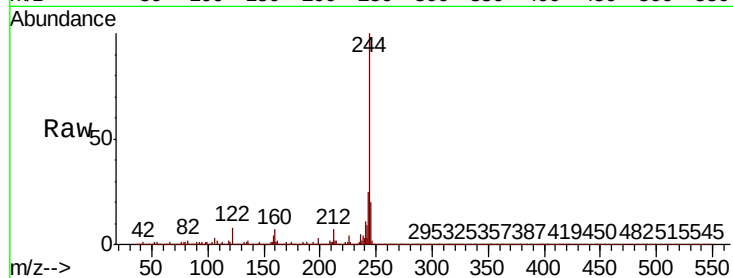
Tot Ion:244 Resp: 4906919

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

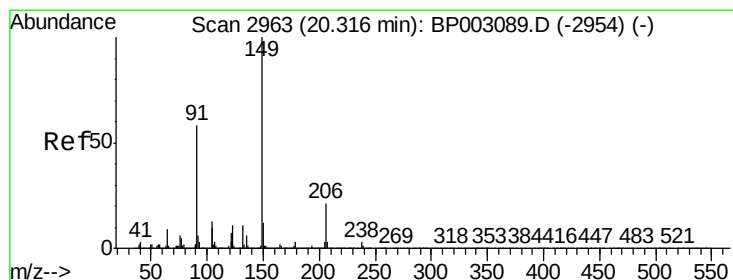
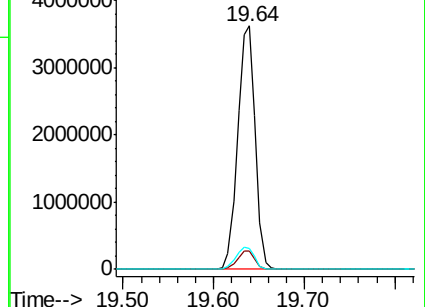
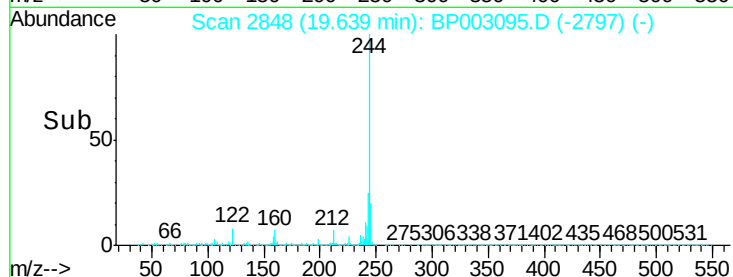
122 8.4 7.7 11.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 51.895 ng

RT: 20.32 min Scan# 2963

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

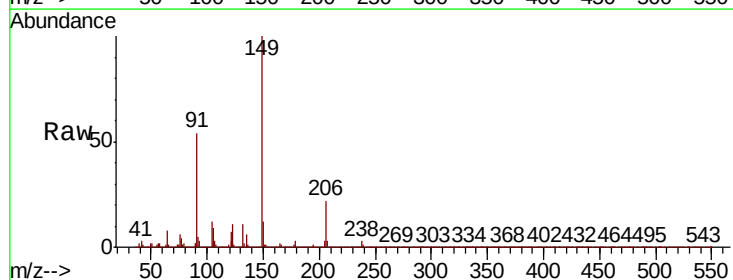
Tgt Ion:149 Resp: 1881184

Ion Ratio Lower Upper

149 100

91 54.1 46.8 70.2

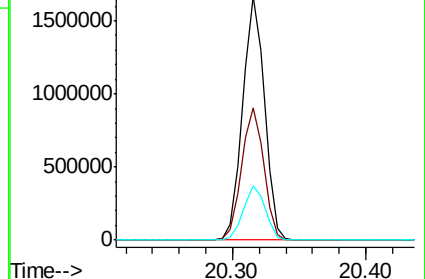
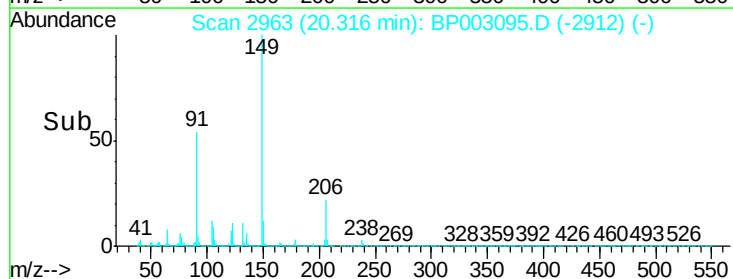
206 22.4 16.8 25.2

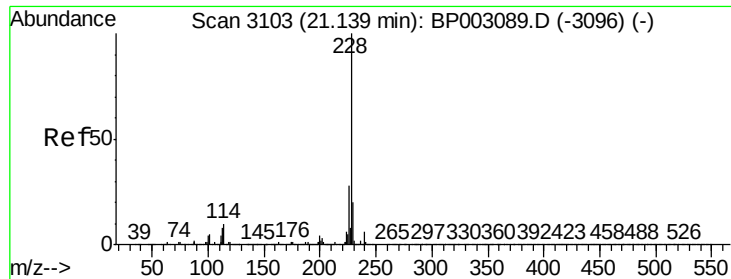


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

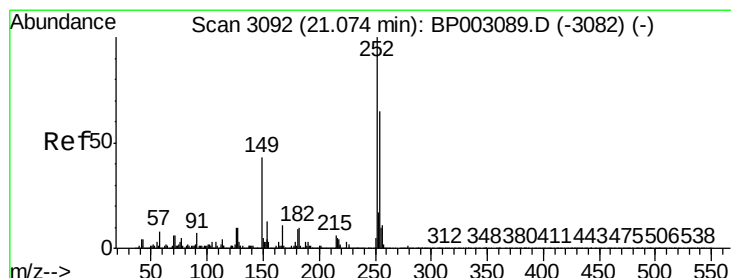
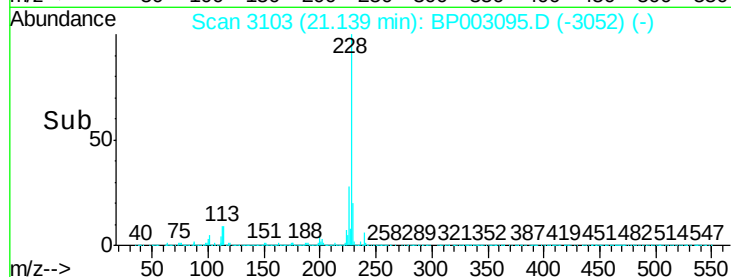
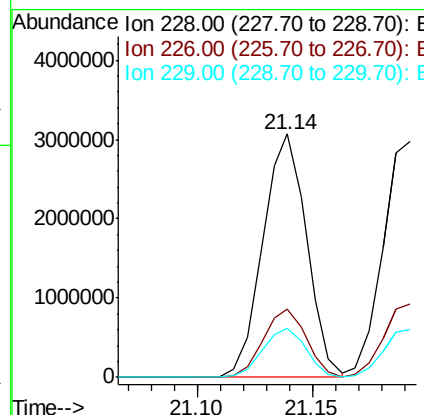
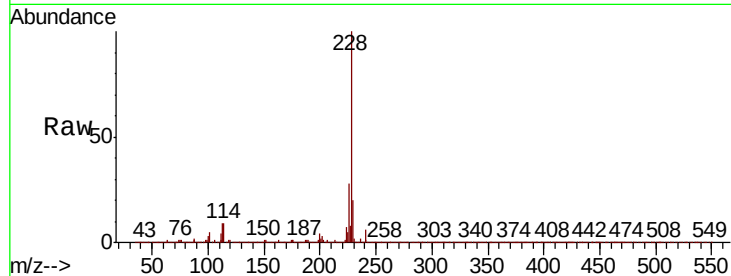




#81
Benzo(a)anthracene
Concen: 47.424 ng
RT: 21.14 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

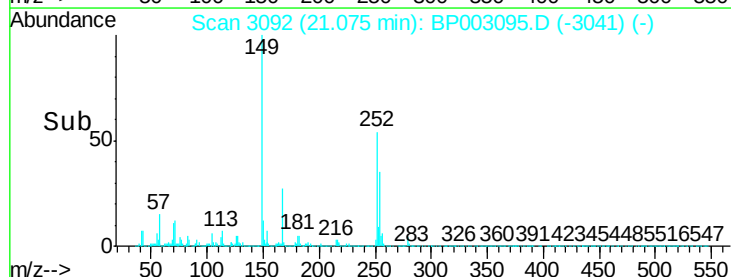
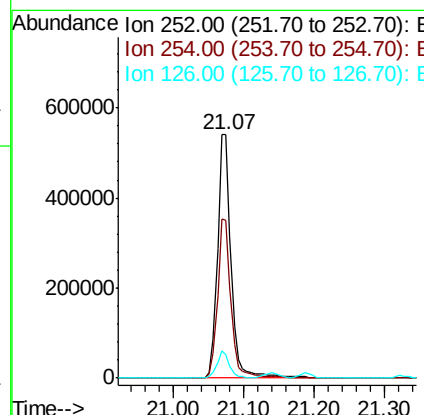
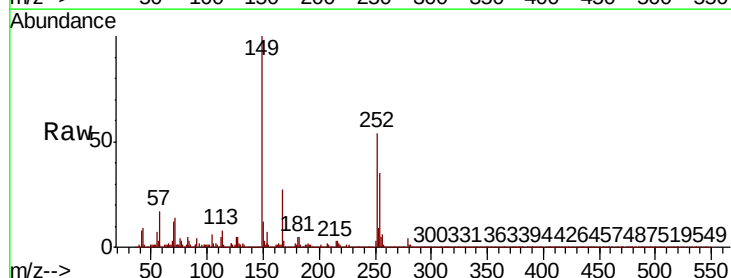
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

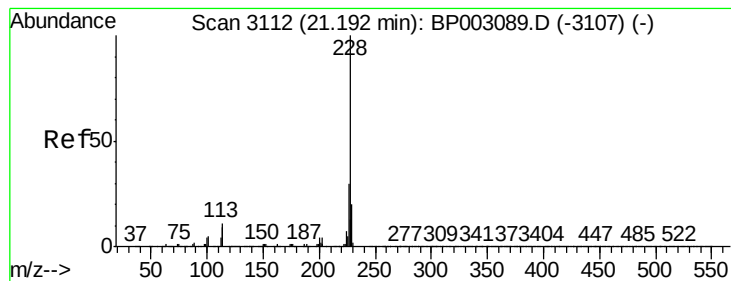
Tot Ion:228 Resp: 4029606
Ion Ratio Lower Upper
228 100
226 28.1 22.0 33.0
229 20.3 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 23.363 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP003095.D
Acq: 24 Aug 2020 17:20

Tgt Ion:252 Resp: 730217
Ion Ratio Lower Upper
252 100
254 64.7 51.9 77.9
126 9.8 8.4 12.6





#83

Chrysene

Concen: 46.672 ng

RT: 21.19 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

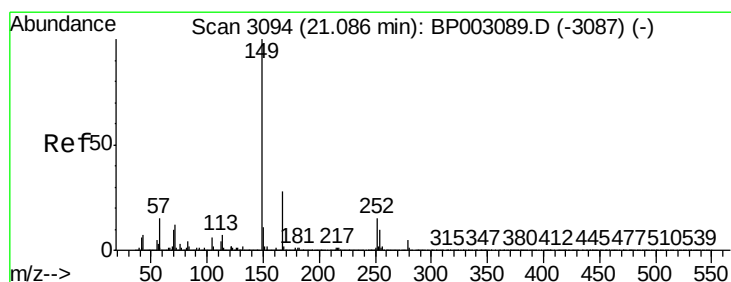
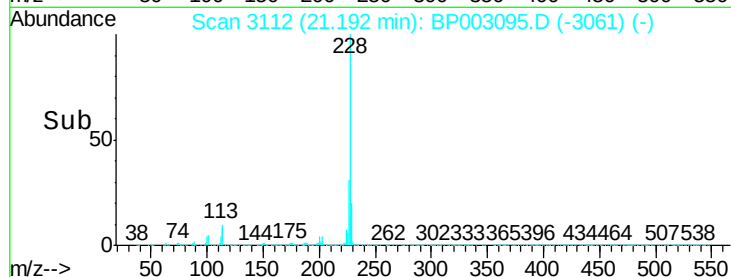
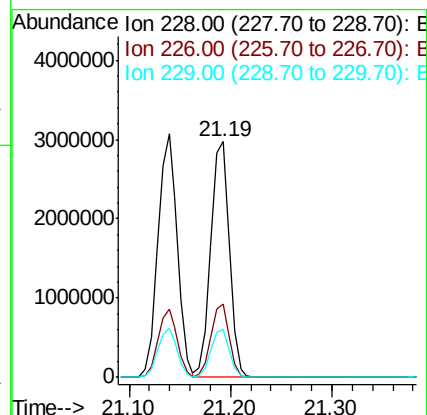
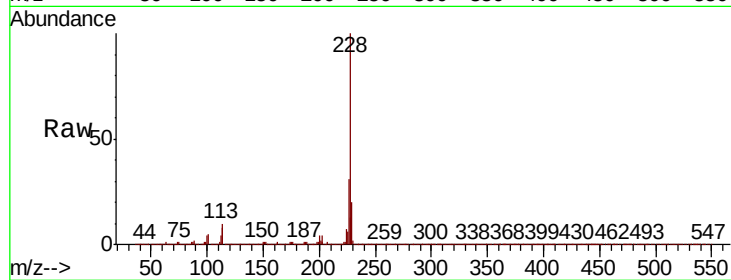
Tot Ion:228 Resp: 3796967

Ion Ratio Lower Upper

228 100

226 30.9 24.2 36.4

229 20.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.171 ng

RT: 21.09 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

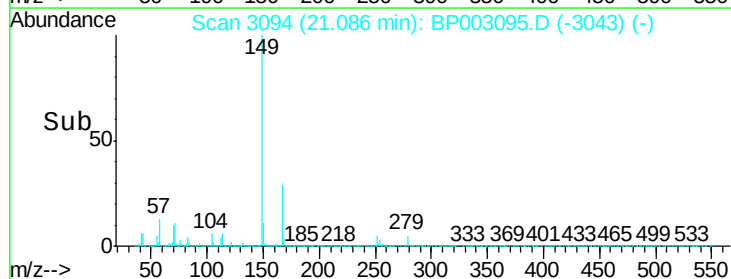
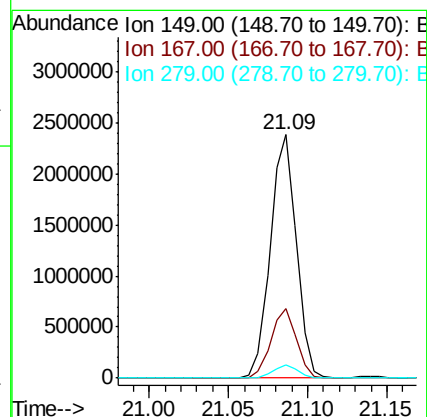
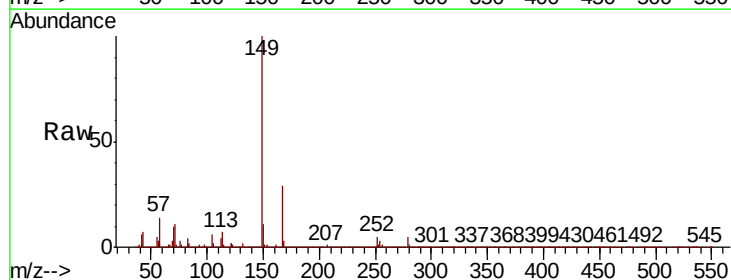
Tgt Ion:149 Resp: 2731139

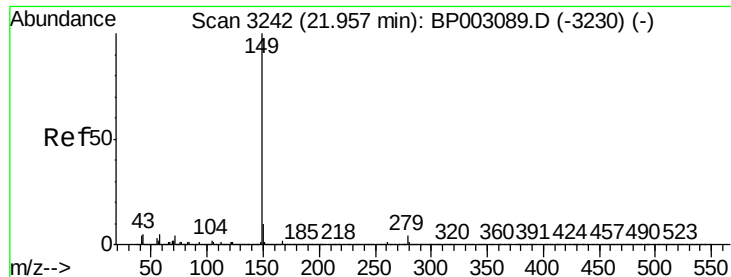
Ion Ratio Lower Upper

149 100

167 28.8 22.5 33.7

279 5.5 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 52.798 ng

RT: 21.96 min Scan# 3242

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

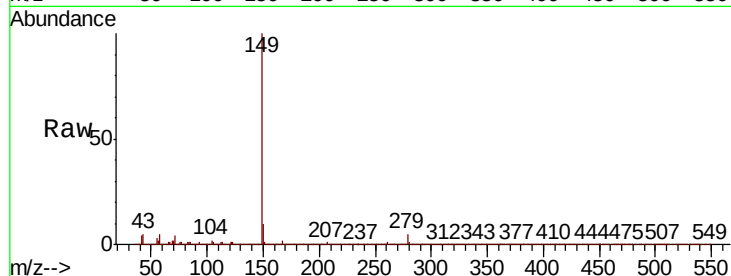
Tot Ion:149 Resp: 4738822

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

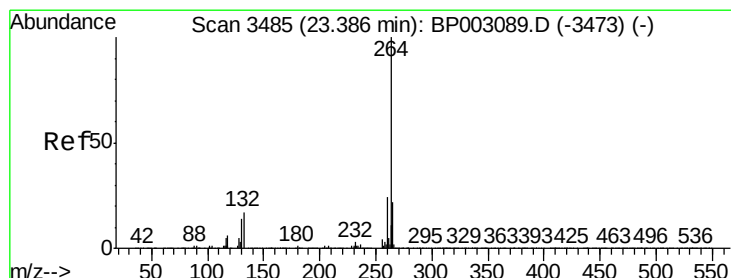
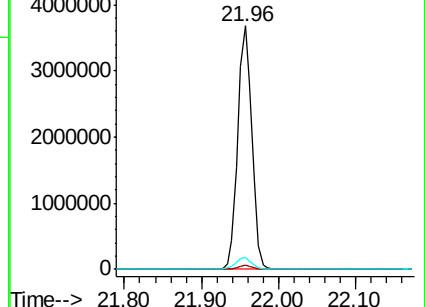
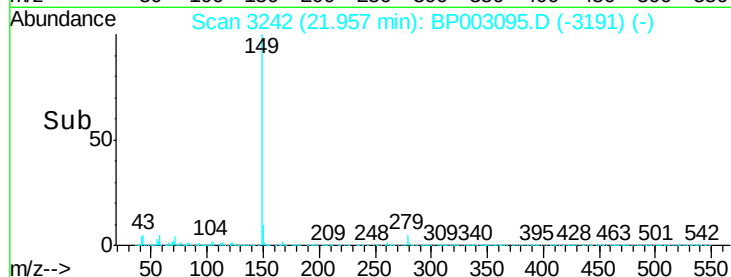
43 5.1 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.39 min Scan# 3485

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

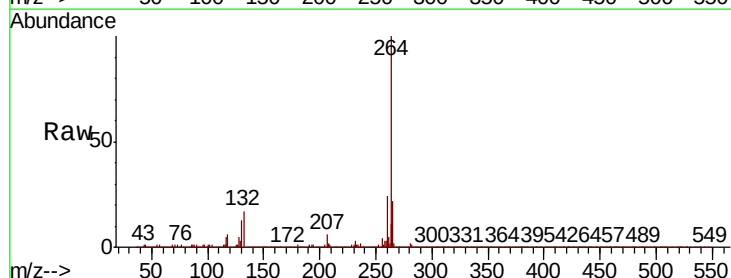
Tgt Ion:264 Resp: 1475062

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

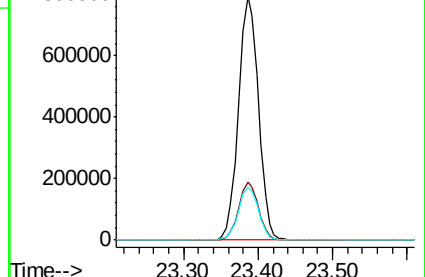
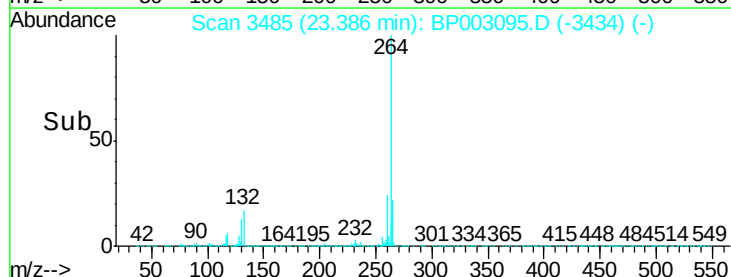
265 21.9 17.7 26.5

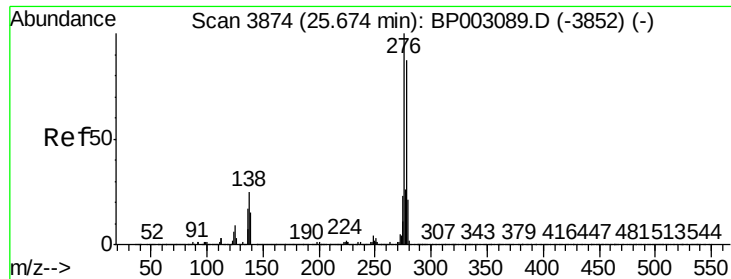


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

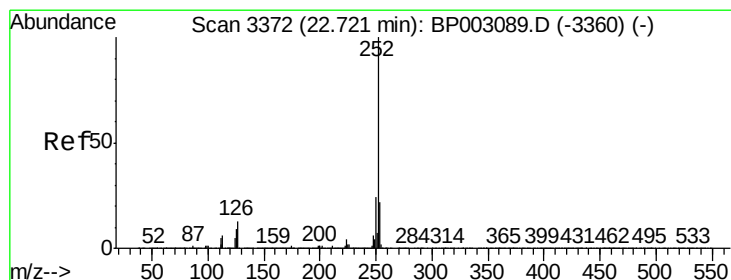
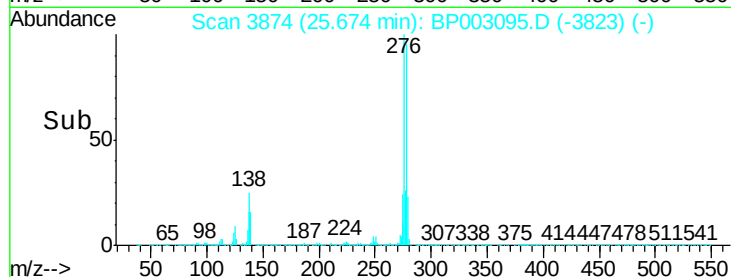
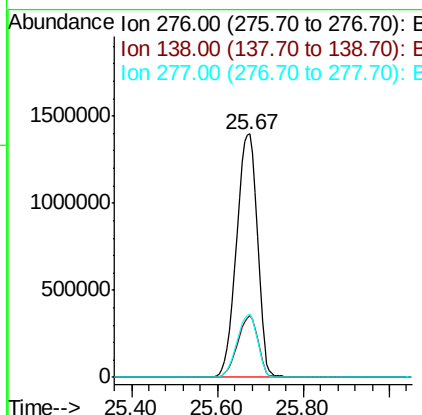
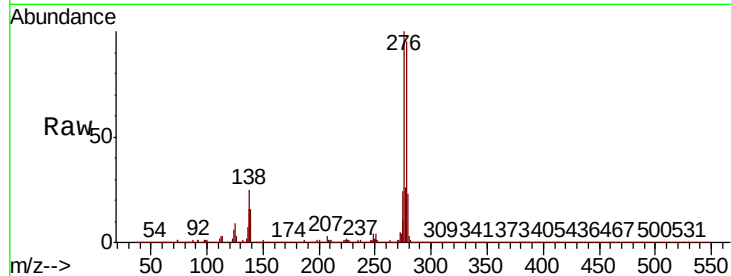




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.758 ng
 RT: 25.67 min Scan# 3874
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

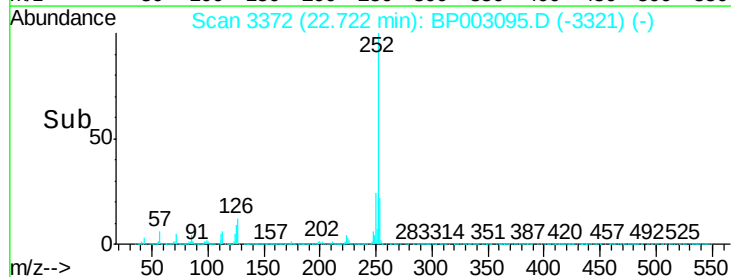
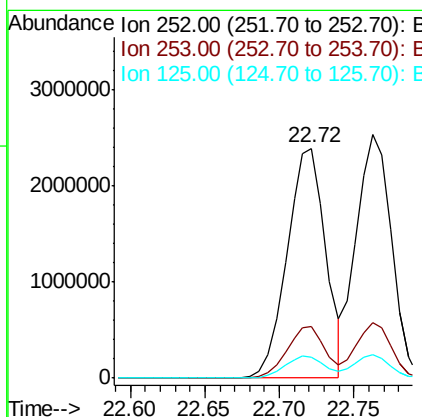
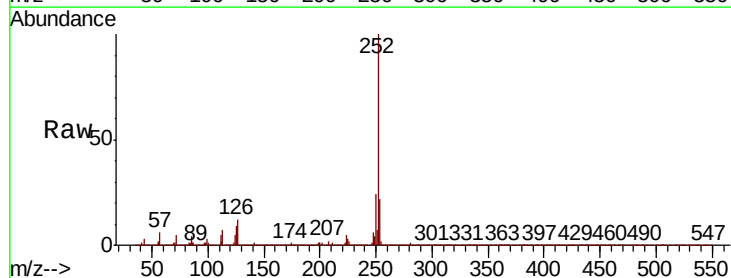
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

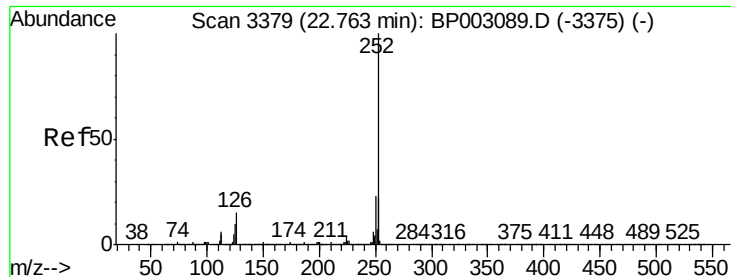
Tot Ion:276 Resp: 4703431
 Ion Ratio Lower Upper
 276 100
 138 24.8 20.2 30.4
 277 25.6 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 46.830 ng
 RT: 22.72 min Scan# 3372
 Delta R.T. 0.00 min
 Lab File: BP003095.D
 Acq: 24 Aug 2020 17:20

Tgt Ion:252 Resp: 4293391
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.5 26.3
 125 9.3 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 47.233 ng

RT: 22.76 min Scan# 3379

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

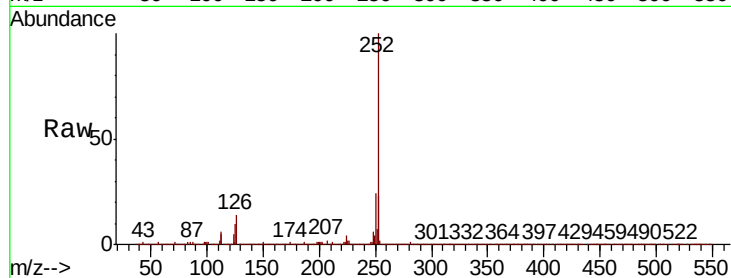
Tot Ion:252 Resp: 4137382

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

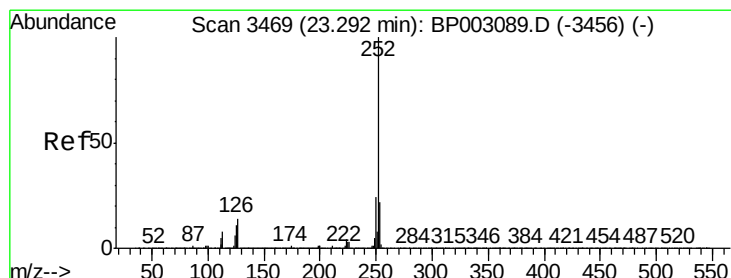
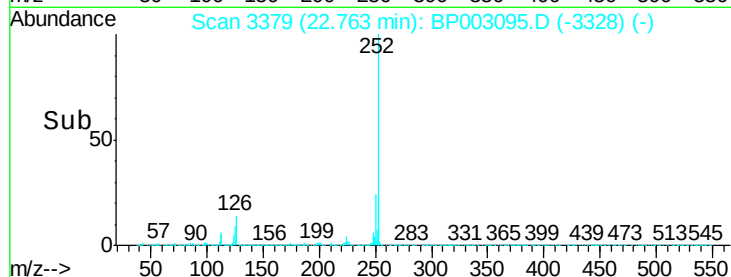
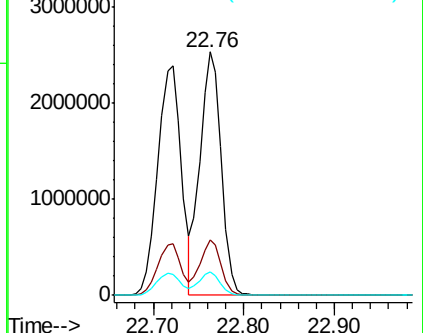
125 9.5 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.919 ng

RT: 23.29 min Scan# 3469

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

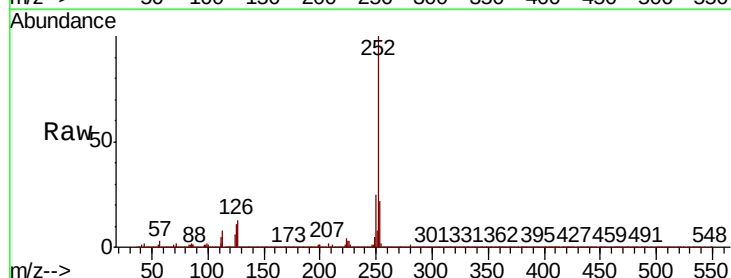
Tgt Ion:252 Resp: 3905573

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

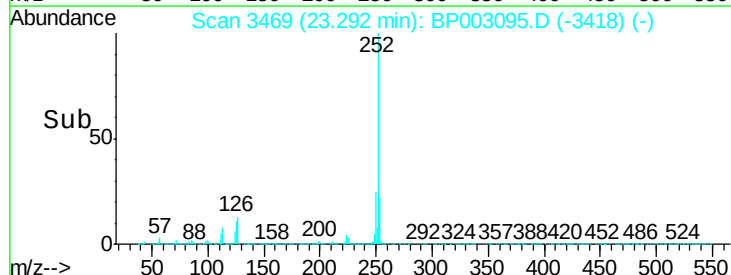
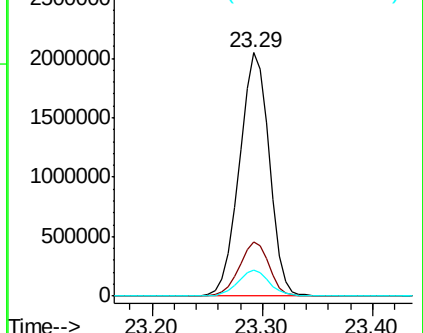
125 10.7 8.8 13.2

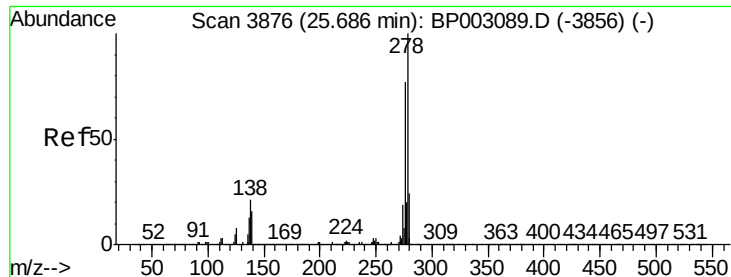


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.640 ng

RT: 25.68 min Scan# 3875

Delta R.T. -0.01 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

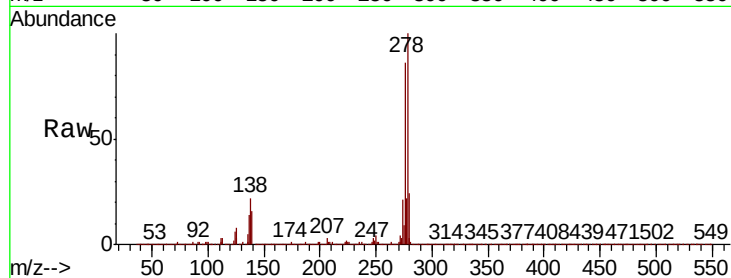
Tot Ion:278 Resp: 3943515

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.8	19.2
279	24.0	19.0	28.6

278 100

139 16.1 12.8 19.2

279 24.0 19.0 28.6

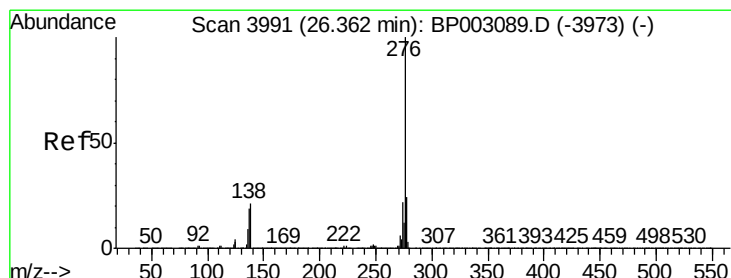
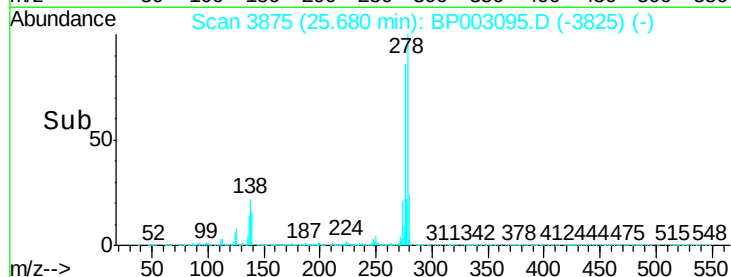
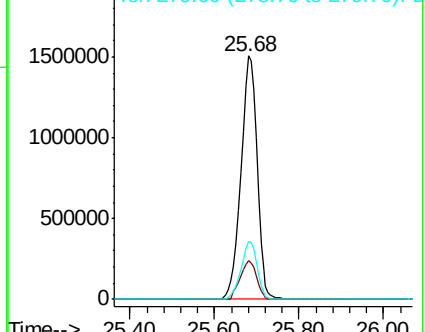


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.624 ng

RT: 26.36 min Scan# 3991

Delta R.T. 0.00 min

Lab File: BP003095.D

Acq: 24 Aug 2020 17:20

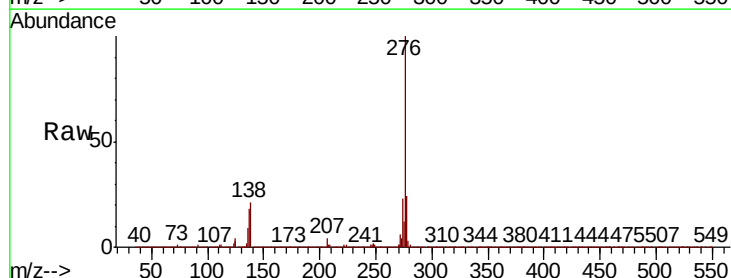
Tgt Ion:276 Resp: 4046722

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	21.4	17.0	25.6

276 100

277 23.9 19.4 29.2

138 21.4 17.0 25.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

