

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082420\
 Data File : BP003096.D
 Acq On : 24 Aug 2020 17:54
 Operator : CG/JU
 Sample : L3506-10MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MSD

Quant Time: Aug 24 18:38:22 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	252573	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	983319	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	595874	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1302416	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1349627	20.00	ng	0.00
86) Perylene-d12	23.38	264	1566355	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	1592702	111.49	ng	0.00
7) Phenol-d6	6.85	99	1714716	95.75	ng	0.00
23) Nitrobenzene-d5	8.81	82	1207217	88.51	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	1042977	129.42	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	3405660	83.70	ng	0.00
79) Terphenyl-d14	19.63	244	4845881	79.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	208075	38.099	ng	# 52
3) Pyridine	3.61	79	392606	27.315	ng	100
4) n-Nitrosodimethylamine	3.52	42	171335	45.649	ng	98
6) Aniline	7.00	93	411050	21.082	ng	99
8) 2-Chlorophenol	7.23	128	795492	49.949	ng	99
9) Benzaldehyde	6.80	77	296088	35.464	ng	98
10) Phenol	6.88	94	687769	41.442	ng	97
11) bis(2-Chloroethyl)ether	7.09	93	619525	47.164	ng	99
12) 1,3-Dichlorobenzene	7.56	146	890855	46.004	ng	99
13) 1,4-Dichlorobenzene	7.70	146	904996	46.293	ng	99
14) 1,2-Dichlorobenzene	8.02	146	863547	46.592	ng	100
15) Benzyl Alcohol	7.90	79	521555	51.691	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	485760	43.639	ng	97
17) 2-Methylphenol	8.12	107	576680	48.778	ng	99
18) Hexachloroethane	8.74	117	295785	46.248	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	381171	47.111	ng	99
20) 3+4-Methylphenols	8.44	107	768193	48.225	ng	100
22) Acetophenone	8.48	105	995358	45.453	ng	100
24) Nitrobenzene	8.85	77	631642	47.147	ng	99
25) Isophorone	9.38	82	1211304	50.332	ng	99
26) 2-Nitrophenol	9.56	139	431416	54.028	ng	99
27) 2,4-Dimethylphenol	9.63	122	670094	55.823	ng	99
28) bis(2-Chloroethoxy)methane	9.86	93	800584	44.663	ng	99
29) 2,4-Dichlorophenol	10.10	162	761264	51.116	ng	99
30) 1,2,4-Trichlorobenzene	10.31	180	810514	45.709	ng	99
31) Naphthalene	10.49	128	2350480	46.526	ng	99
32) Benzoic acid	9.79	122	364938	40.930	ng	96
33) 4-Chloroaniline	10.60	127	143822	6.813	ng	98
34) Hexachlorobutadiene	10.79	225	483300	45.414	ng	99
35) Caprolactam	11.37	113	84903	18.971	ng	98
36) 4-Chloro-3-methylphenol	11.75	107	713852	51.337	ng	99
37) 2-Methylnaphthalene	12.11	142	1705524	47.193	ng	99
38) 1-Methylnaphthalene	12.33	142	1617372	47.085	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	842180	47.685	ng	99

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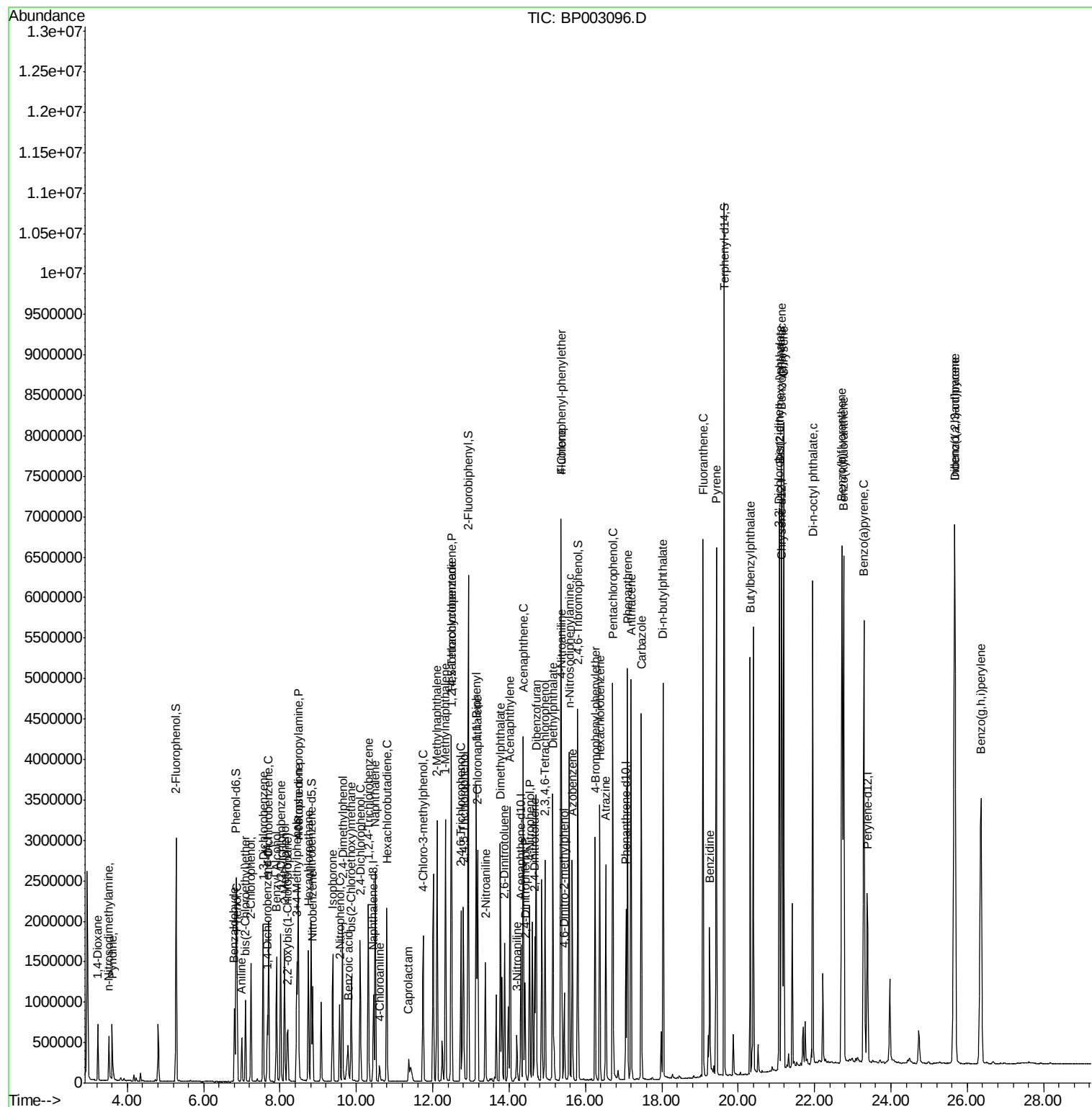
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41) Hexachlorocyclopentadiene	12.47	237	822289	98.493	ng	99
43) 2,4,6-Trichlorophenol	12.73	196	596833	51.394	ng	98
44) 2,4,5-Trichlorophenol	12.80	196	655944	53.400	ng	100
46) 1,1'-Biphenyl	13.13	154	2149010	48.081	ng	99
47) 2-Chloronaphthalene	13.17	162	1646799	45.012	ng	99
48) 2-Nitroaniline	13.37	65	340237	49.669	ng	96
49) Acenaphthylene	14.02	152	2702843	48.857	ng	100
50) Dimethylphthalate	13.77	163	2153956	47.401	ng	100
51) 2,6-Dinitrotoluene	13.88	165	489811	51.864	ng	95
52) Acenaphthene	14.37	154	1575781	46.365	ng	99
53) 3-Nitroaniline	14.20	138	197014	18.413	ng	99
54) 2,4-Dinitrophenol	14.42	184	342504	67.709	ng	99
55) Dibenzofuran	14.70	168	2505198	46.935	ng	99
56) 4-Nitrophenol	14.53	139	803428	104.370	ng	97
57) 2,4-Dinitrotoluene	14.67	165	672643	52.971	ng	98
58) Fluorene	15.36	166	1885834	45.865	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.94	232	587926	52.901	ng	100
60) Diethylphthalate	15.15	149	2218476	49.762	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	963080	45.357	ng	99
62) 4-Nitroaniline	15.37	138	471209	42.842	ng	99
63) Azobenzene	15.65	77	1414834	47.817	ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	315723	50.689	ng	98
66) n-Nitrosodiphenylamine	15.57	169	1808382	47.485	ng	100
67) 4-Bromophenyl-phenylether	16.25	248	671580	46.721	ng	98
68) Hexachlorobenzene	16.37	284	788811	46.093	ng	100
69) Atrazine	16.53	200	595178	46.337	ng	99
70) Pentachlorophenol	16.72	266	1010715	123.506	ng	99
71) Phenanthrene	17.10	178	3274715	46.402	ng	99
72) Anthracene	17.19	178	3297677	48.824	ng	100
73) Carbazole	17.46	167	3161579	48.773	ng	99
74) Di-n-butylphthalate	18.03	149	3809085	49.987	ng	99
75) Fluoranthene	19.07	202	3972361	48.701	ng	99
77) Benzidine	19.25	184	1065652	34.548	ng	99
78) Pyrene	19.43	202	4031779	46.028	ng	99
80) Butylbenzylphthalate	20.31	149	1842933	51.099	ng	97
81) Benzo(a)anthracene	21.13	228	4063286	48.064	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	800479	25.742	ng	99
83) Chrysene	21.19	228	3790745	46.832	ng	99
84) Bis(2-ethylhexyl)phthalate	21.08	149	2628905	50.474	ng	98
85) Di-n-octyl phthalate	21.95	149	4686437	52.480	ng	99
87) Indeno(1,2,3-cd)pyrene	25.67	276	5197945	44.499	ng	98
88) Benzo(b)fluoranthene	22.72	252	4457819	45.790	ng	99
89) Benzo(k)fluoranthene	22.76	252	4388761	47.183	ng	99
90) Benzo(a)pyrene	23.29	252	4130772	45.736	ng	99
91) Dibenzo(a,h)anthracene	25.67	278	4335169	45.178	ng	99
92) Benzo(g,h,i)perylene	26.36	276	4383182	45.517	ng	99

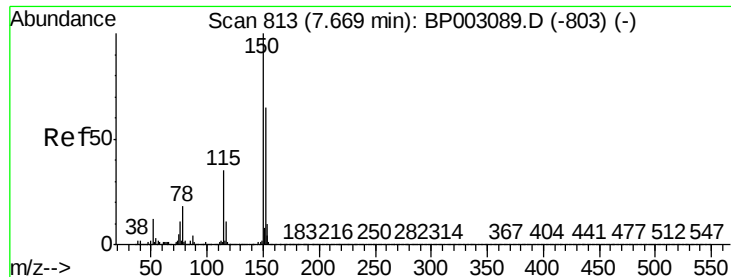
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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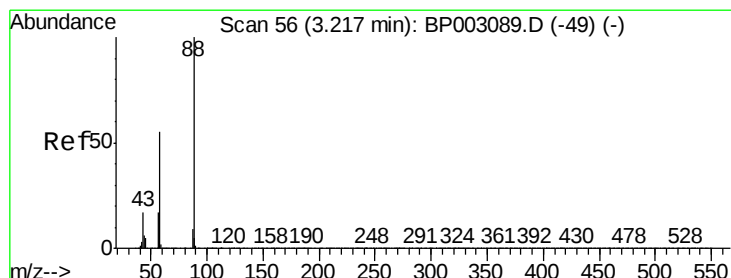
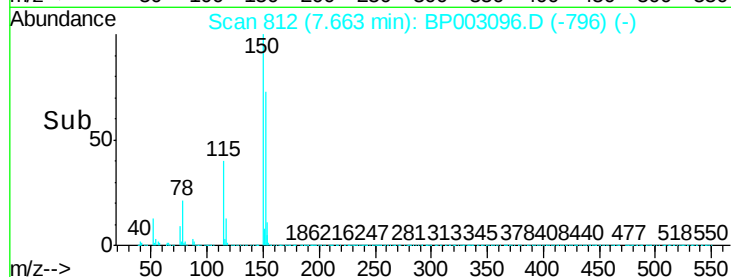
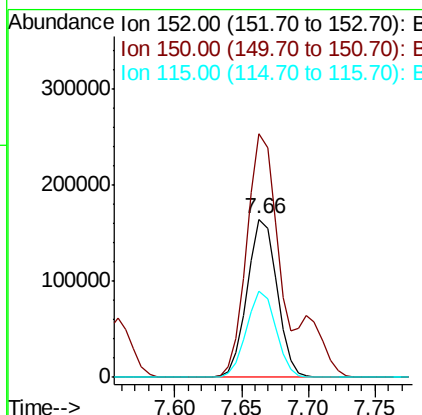
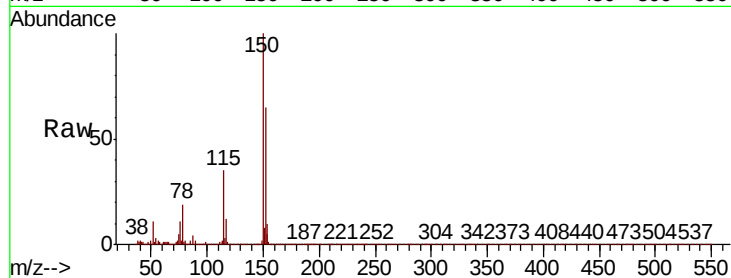


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

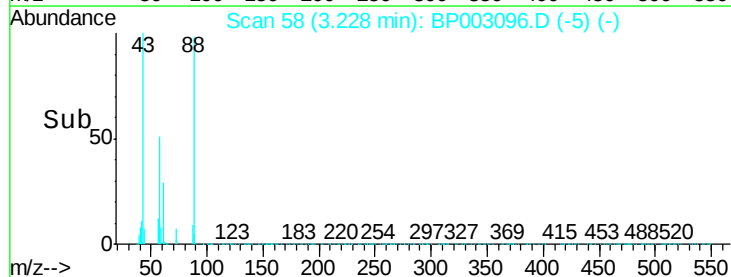
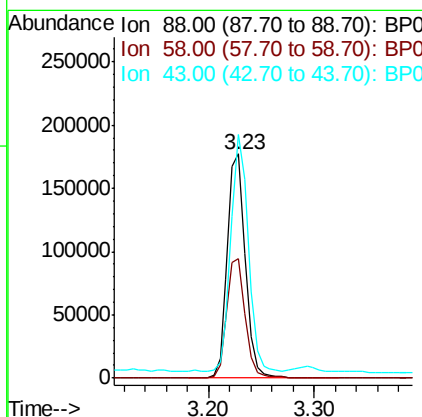
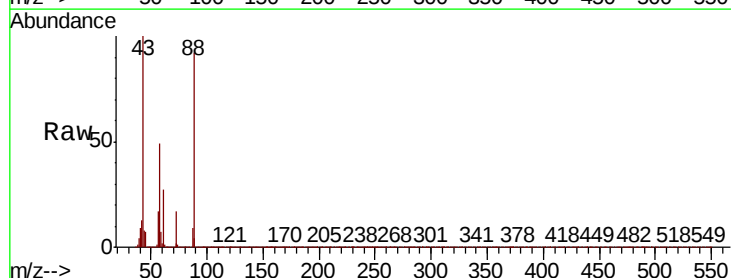
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.1	184.7
115	54.3	42.8	64.2

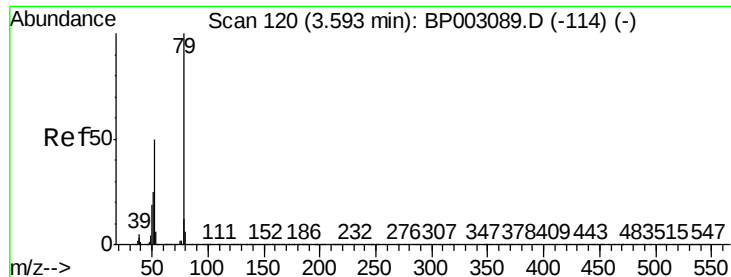


#2

1,4-Dioxane
Concen: 38.099 ng
RT: 3.23 min Scan# 58
Delta R.T. 0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.8	44.3	66.5
43	101.0	14.3	21.5





#3

Pvridine

Concen: 27.315 ng

RT: 3.61 min Scan# 123

Delta R.T. 0.02 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

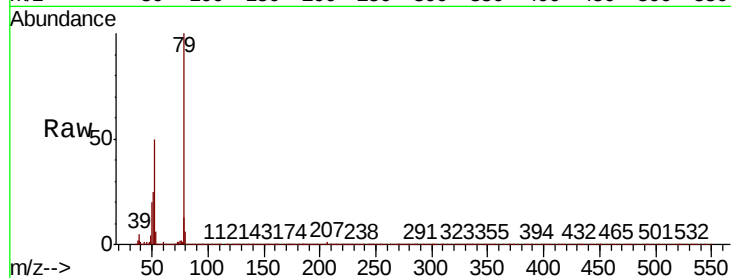
Tot Ion: 79 Resp: 392606

Ion Ratio Lower Upper

79 100

52 49.9 39.8 59.8

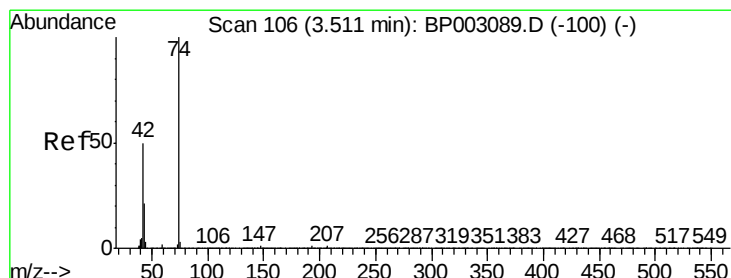
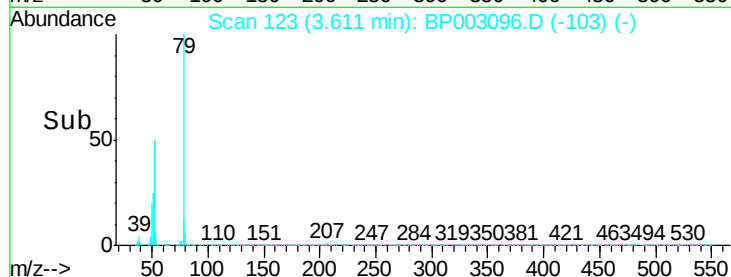
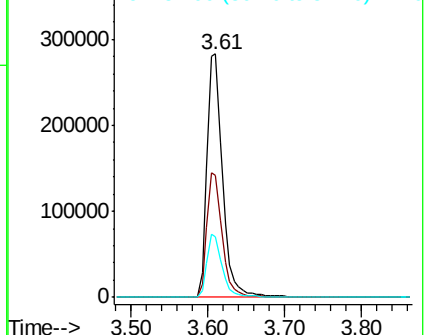
51 25.1 20.2 30.2



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: 45.649 ng

RT: 3.52 min Scan# 107

Delta R.T. 0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

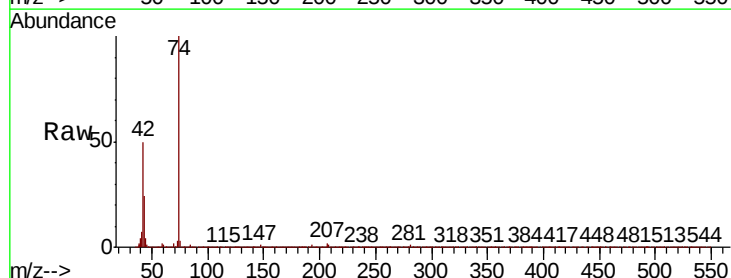
Tgt Ion: 42 Resp: 171335

Ion Ratio Lower Upper

42 100

74 198.7 161.0 241.6

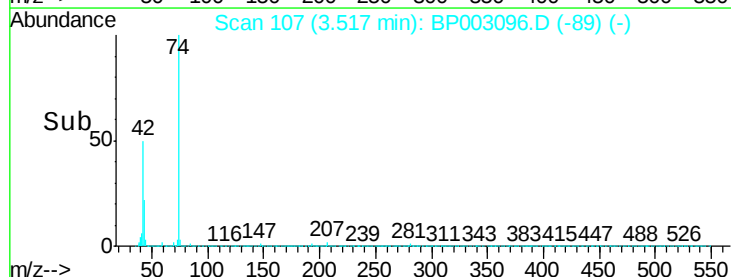
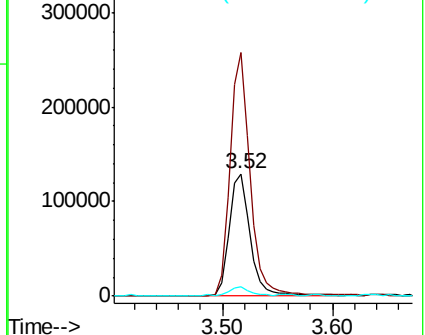
44 7.2 5.6 8.4

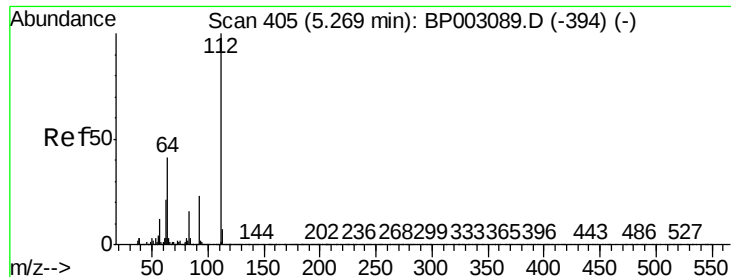


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 111.490 ng

RT: 5.28 min Scan# 406

Delta R.T. 0.01 min

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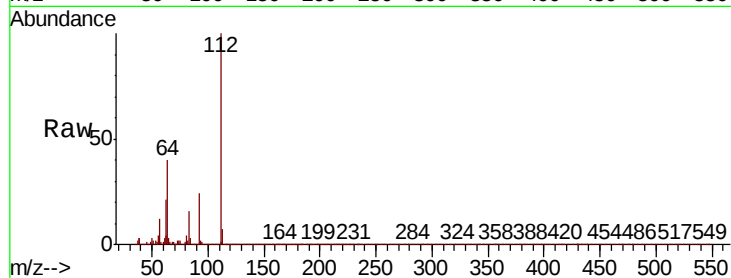
Tot Ion:112 Resp: 1592702

Ion Ratio Lower Upper

112 100

64 40.4 33.0 49.6

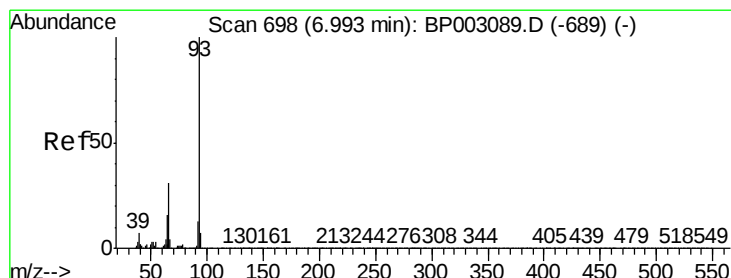
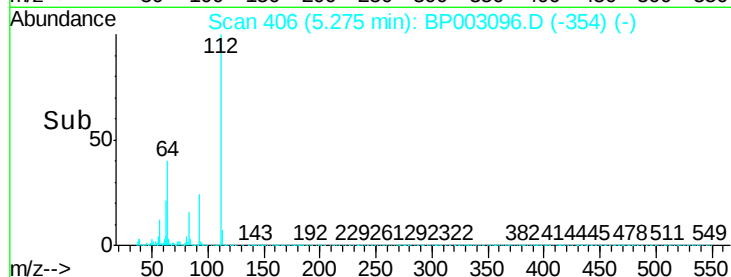
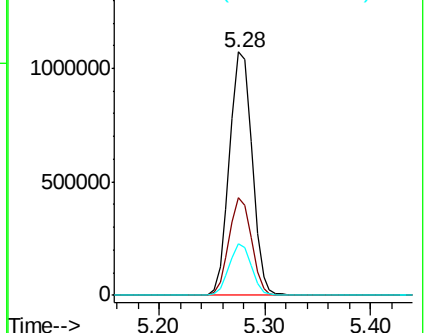
63 21.0 16.9 25.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 21.082 ng

RT: 7.00 min Scan# 699

Delta R.T. 0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

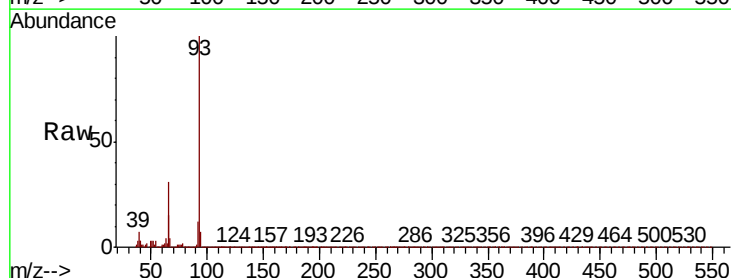
Tgt Ion: 93 Resp: 411050

Ion Ratio Lower Upper

93 100

66 30.6 25.0 37.4

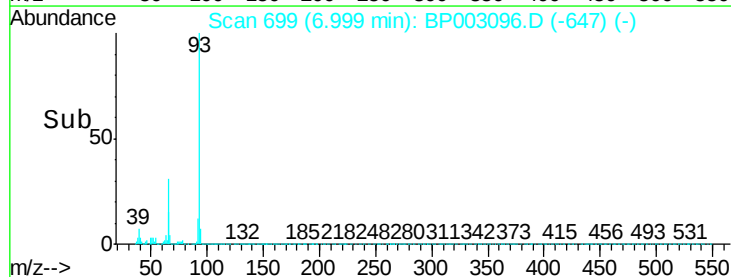
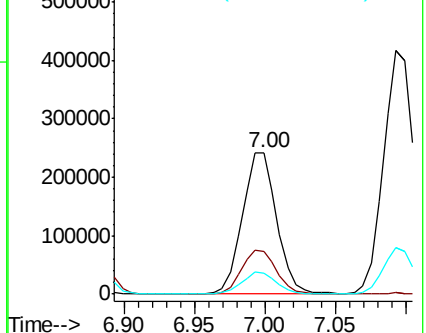
65 15.2 12.6 18.8

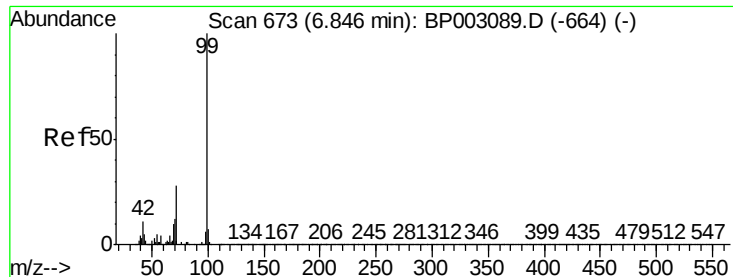


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 95.751 ng

RT: 6.85 min Scan# 674

Delta R.T. 0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

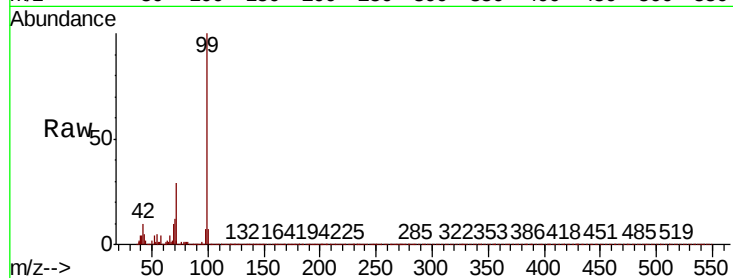
BNA_P

ClientSampleId :

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Tot Ion: 99 Resp: 1714716

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.5	12.7
71	29.5	22.8	34.2

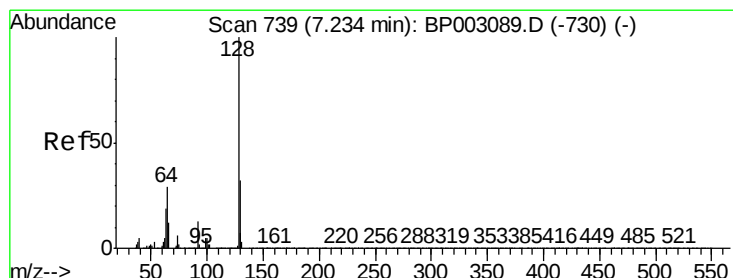
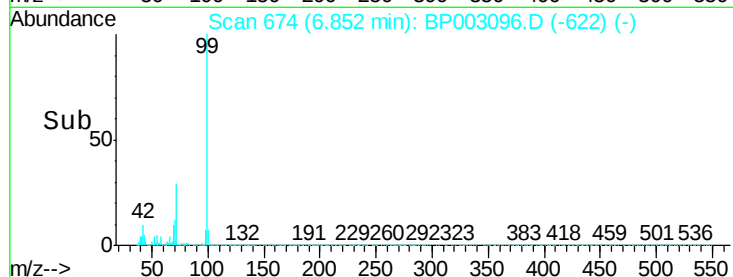
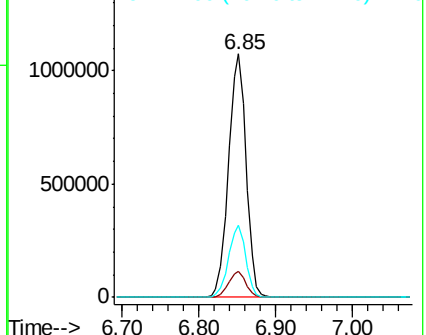


Abundance

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: 49.949 ng

RT: 7.23 min Scan# 739

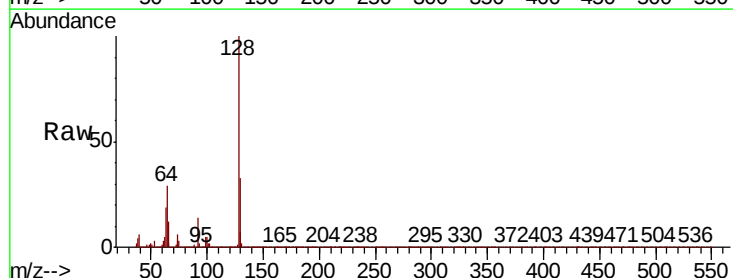
Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Tgt Ion: 128 Resp: 795492

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.2	52.2
64	29.5	9.7	49.7

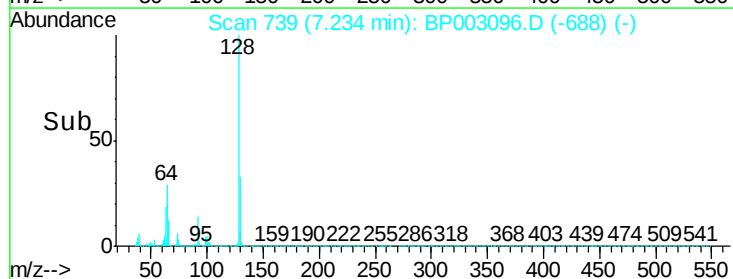
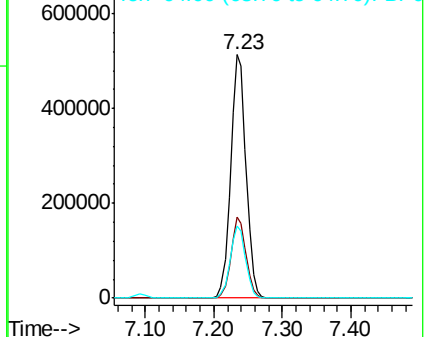


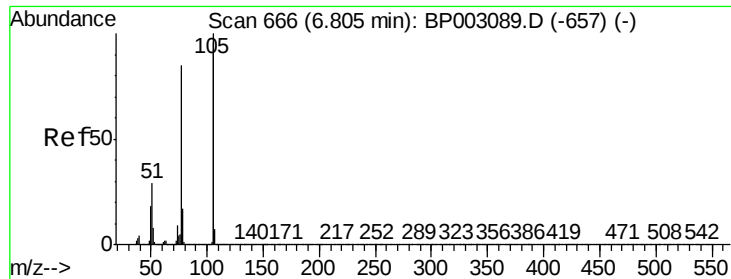
Abundance

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: 35.464 ng

RT: 6.80 min Scan# 666

Delta R.T. 0.00 min

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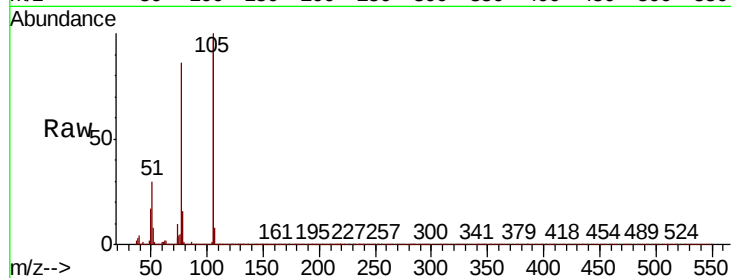
Tot Ion: 77 Resp: 296088

Ion Ratio Lower Upper

77 100

105 116.1 98.3 138.3

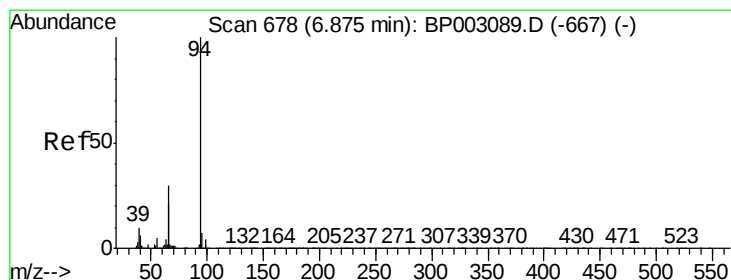
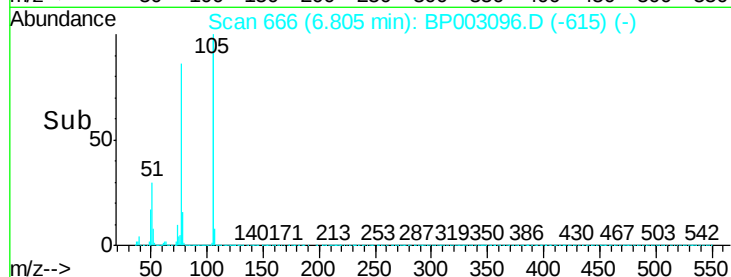
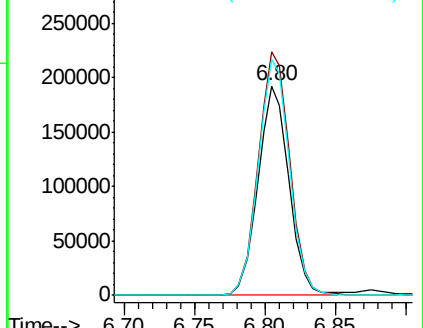
106 112.7 93.9 133.9



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.442 ng

RT: 6.88 min Scan# 678

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

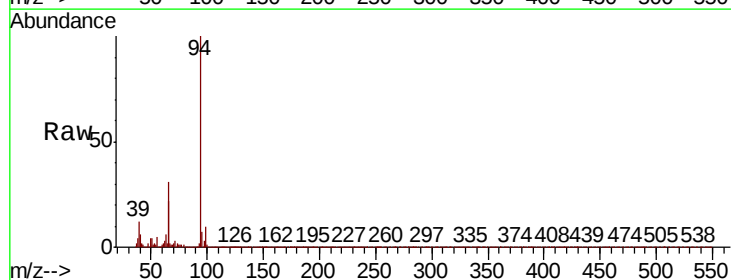
Tgt Ion: 94 Resp: 687769

Ion Ratio Lower Upper

94 100

65 22.0 1.0 41.0

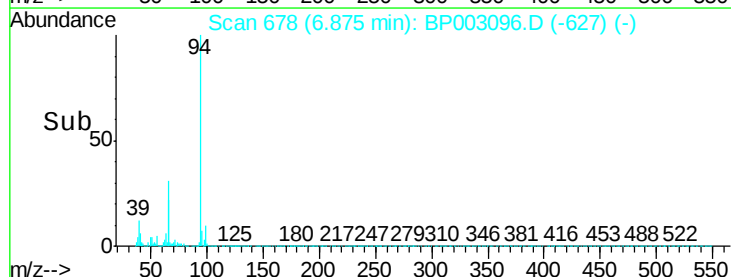
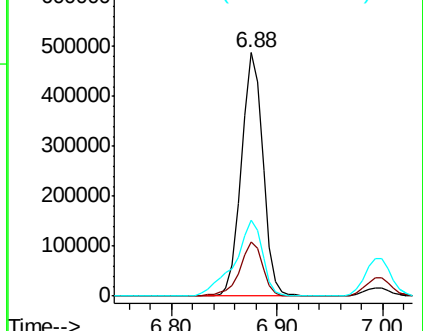
66 31.2 9.7 49.7

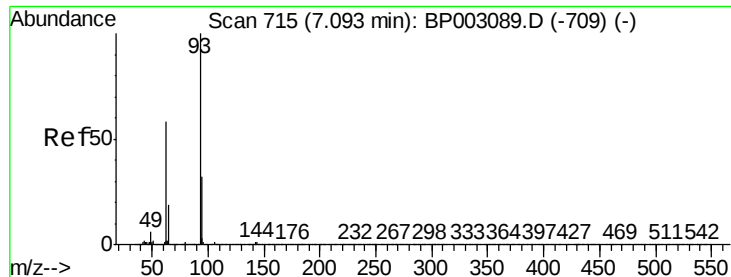


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

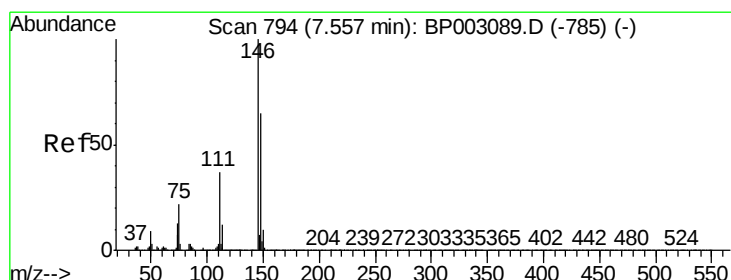
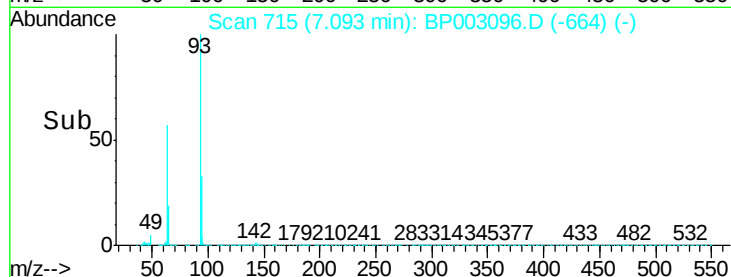
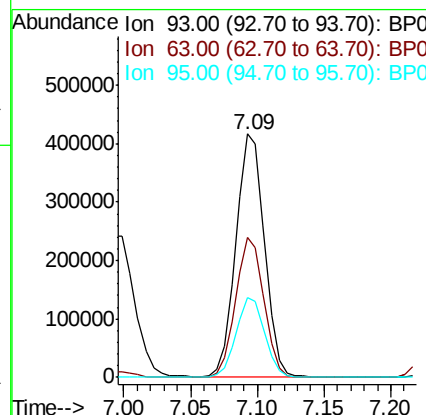
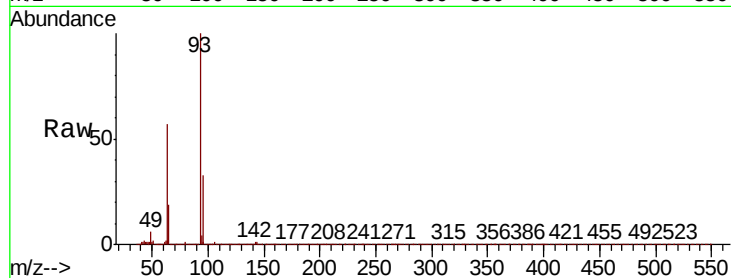




#11
bis(2-Chloroethyl)ether
Concen: 47.164 ng
RT: 7.09 min Scan# 715
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

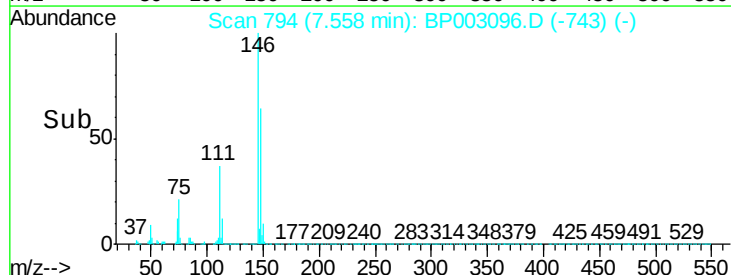
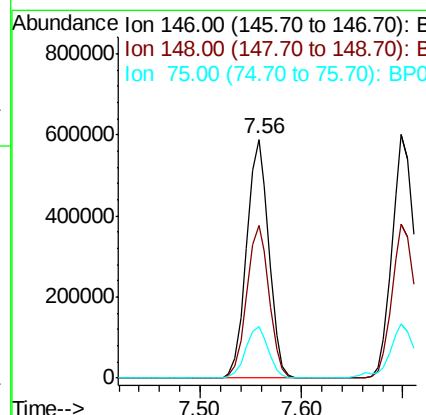
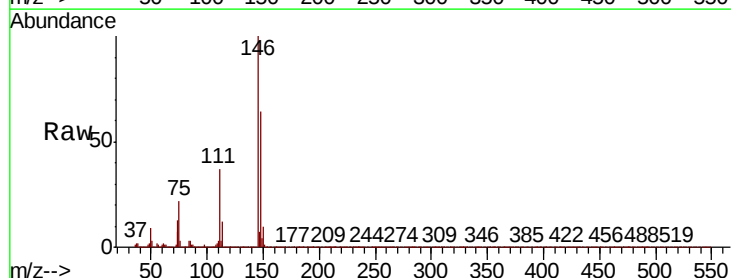
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

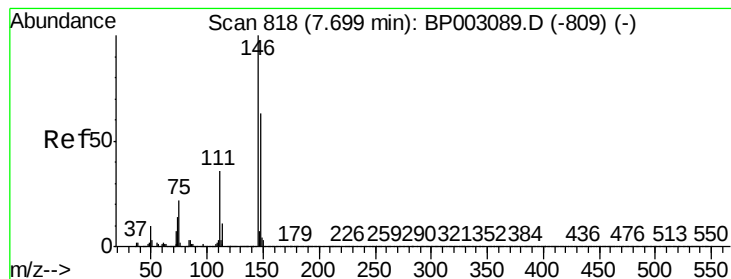
Tot Ion	93	Resp	619525
Ion Ratio	Lower	Upper	
93	100		
63	57.5	37.8	77.8
95	32.6	12.0	52.0



#12
1,3-Dichlorobenzene
Concen: 46.004 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion	146	Resp	890855
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.8	77.6
75	21.5	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 46.293 ng

RT: 7.70 min Scan# 818

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

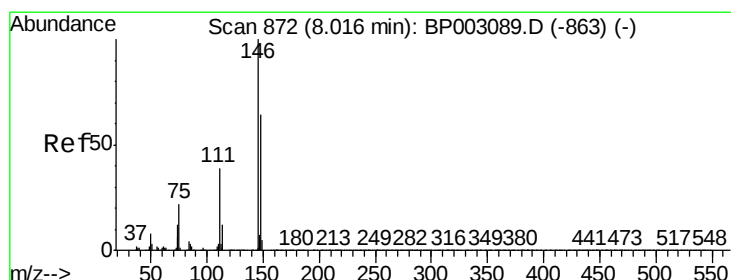
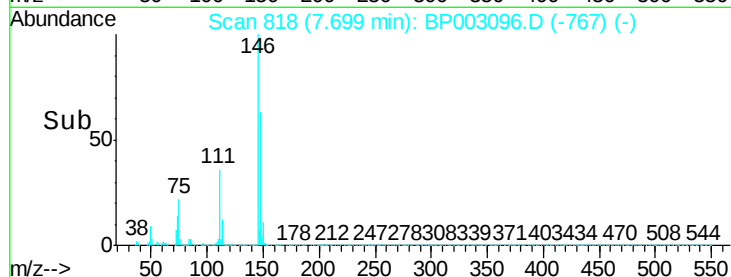
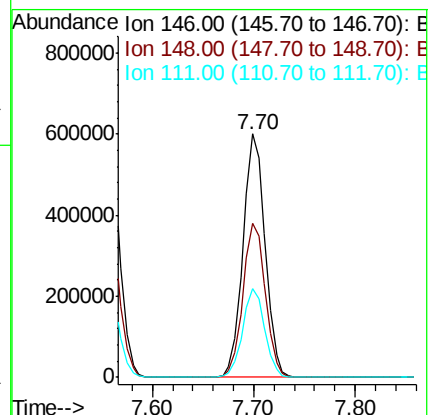
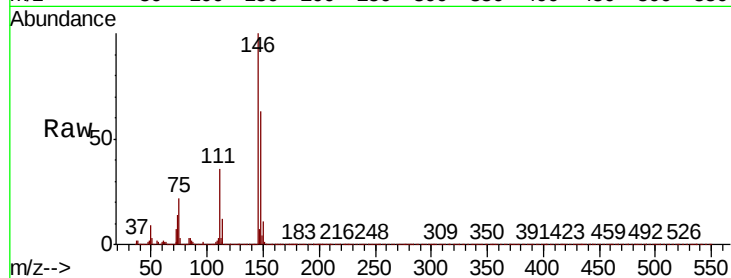
Tot Ion:146 Resp: 904996

Ion Ratio Lower Upper

146 100

148 63.4 50.6 75.8

111 36.2 28.5 42.7



#14

1,2-Dichlorobenzene

Concen: 46.592 ng

RT: 8.02 min Scan# 872

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

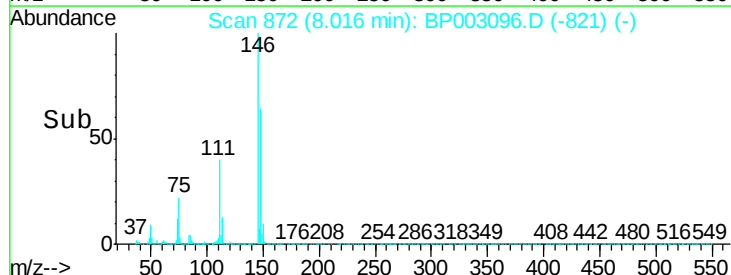
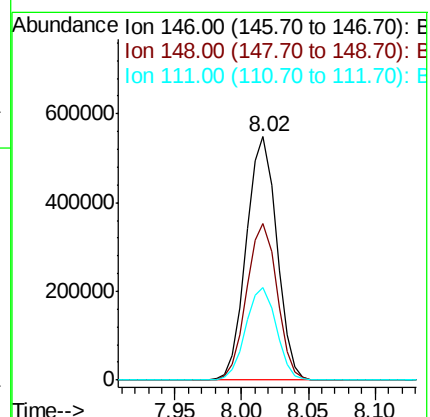
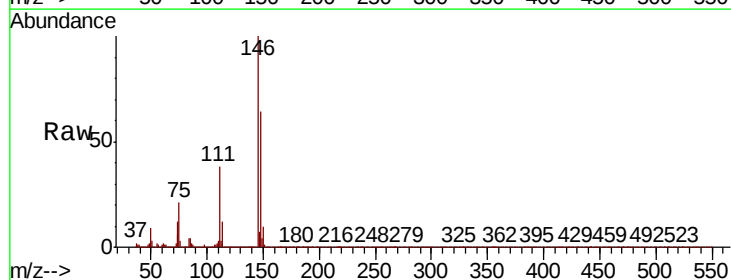
Tgt Ion:146 Resp: 863547

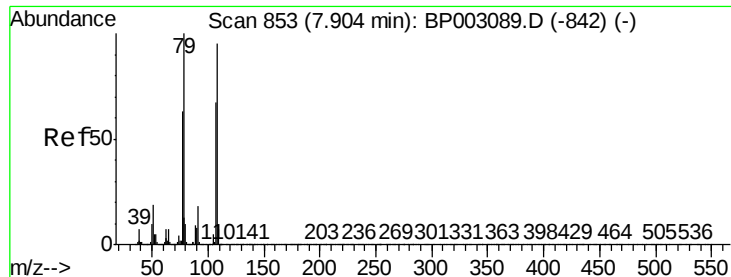
Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.2

111 38.2 31.0 46.4





#15

Benzyl Alcohol

Concen: 51.691 ng

RT: 7.90 min Scan# 853

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

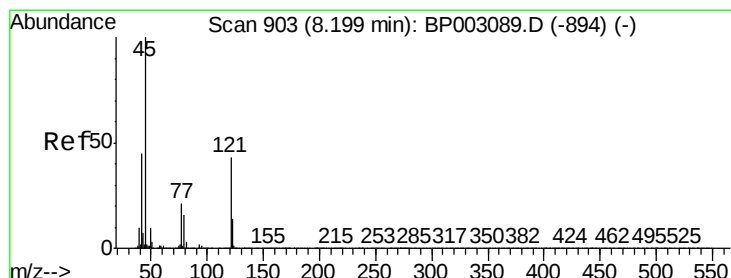
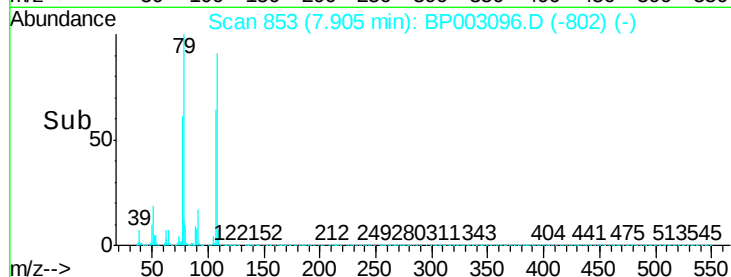
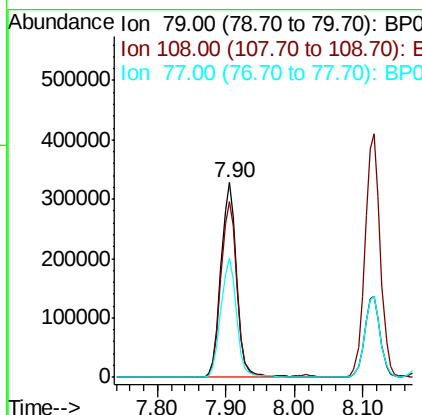
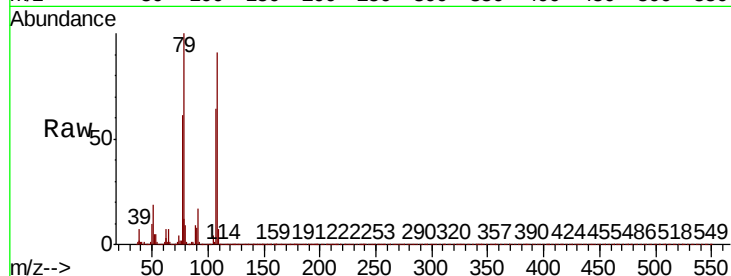
Tot Ion: 79 Resp: 521555

Ion Ratio Lower Upper

79 100

108 90.6 75.7 113.5

77 61.4 50.2 75.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.639 ng

RT: 8.20 min Scan# 904

Delta R.T. 0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

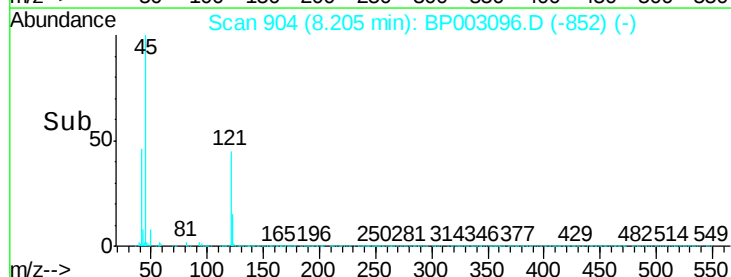
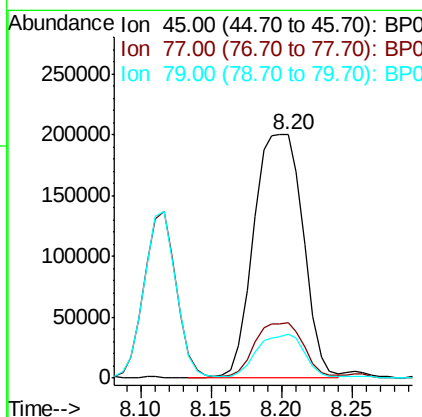
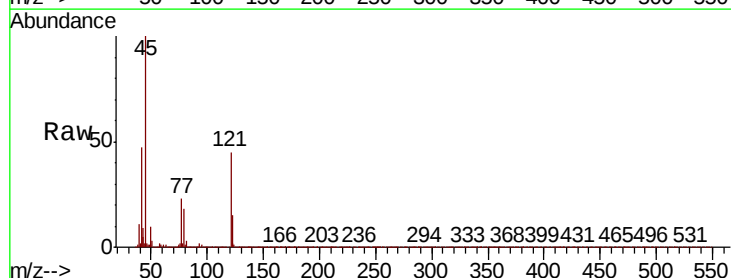
Tgt Ion: 45 Resp: 485760

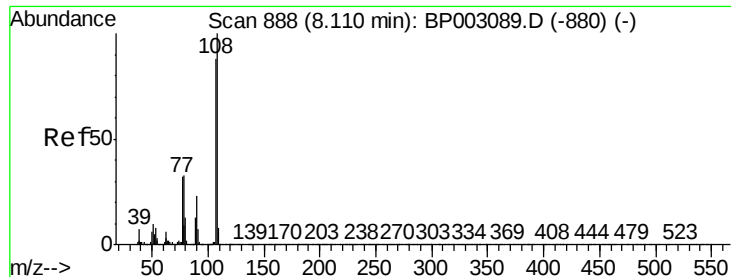
Ion Ratio Lower Upper

45 100

77 22.7 1.6 41.6

79 18.1 0.0 36.7





#17

2-Methylphenol

Concen: 48.778 ng

RT: 8.12 min Scan# 889

Delta R.T. 0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

Tot Ion:107 Resp: 576680

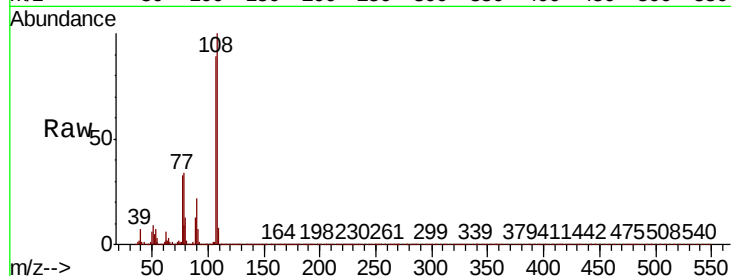
Ion Ratio Lower Upper

107 100

108 112.3 90.8 136.2

77 37.5 29.4 44.2

79 37.6 30.0 45.0



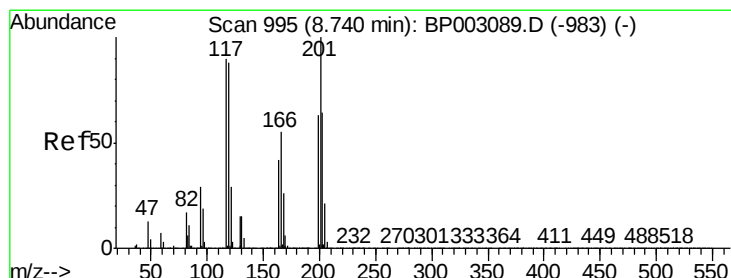
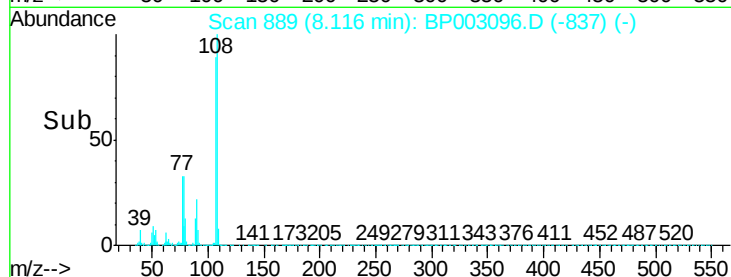
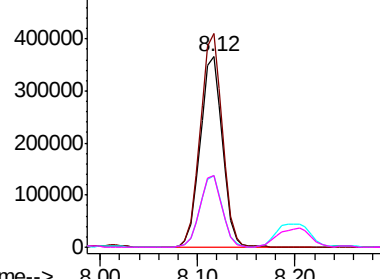
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 46.248 ng

RT: 8.74 min Scan# 995

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

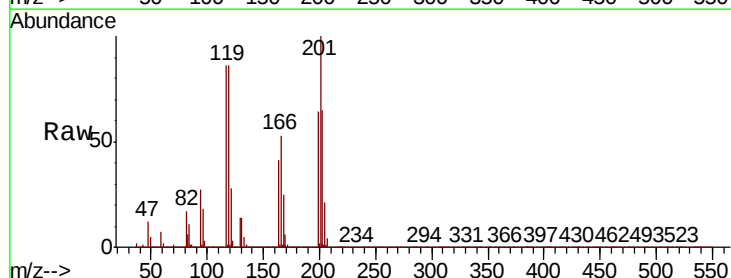
Tgt Ion:117 Resp: 295785

Ion Ratio Lower Upper

117 100

119 100.0 77.7 116.5

201 116.4 88.4 132.6

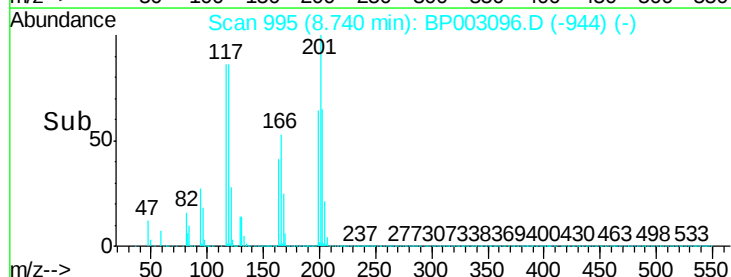
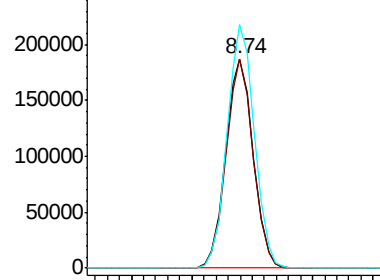


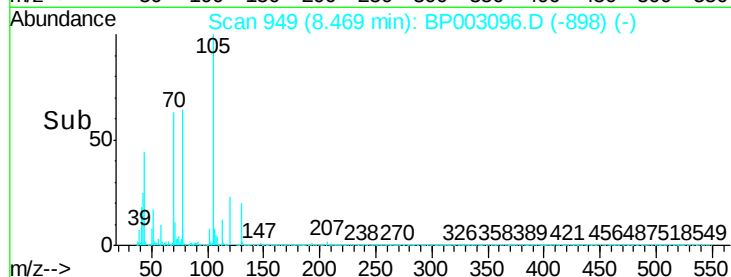
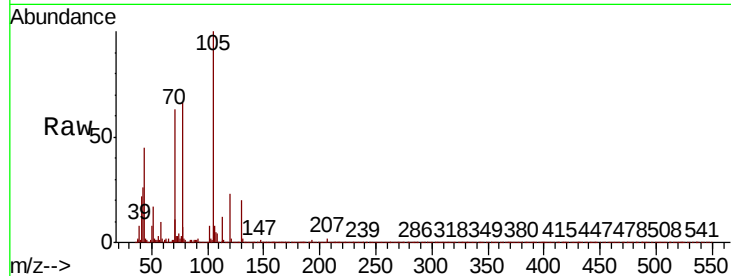
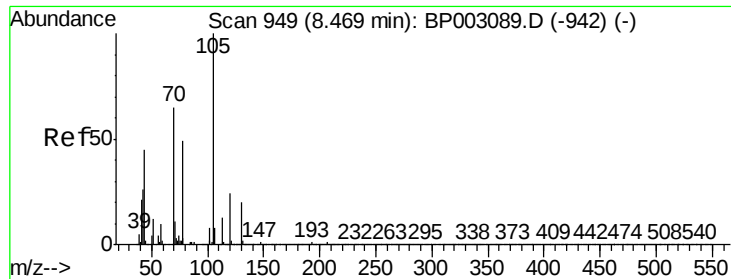
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

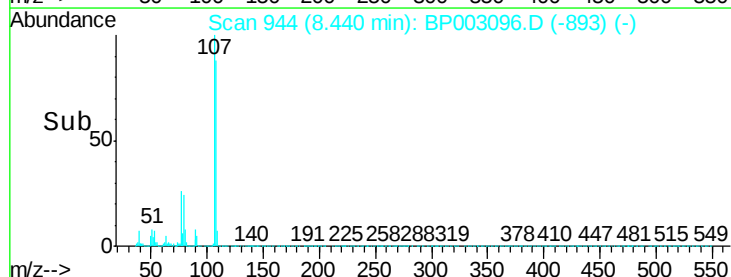
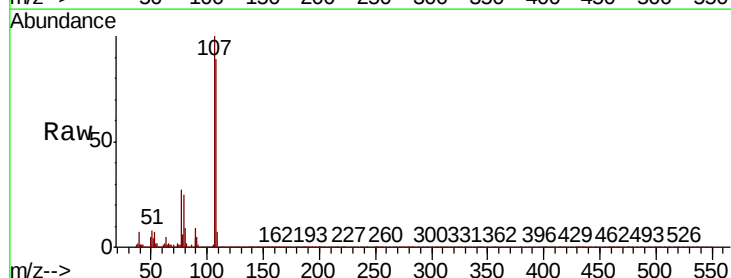
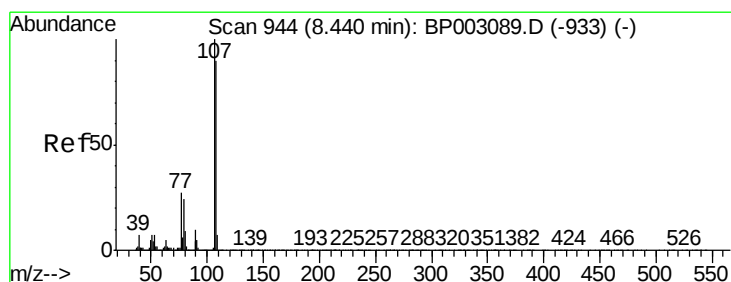
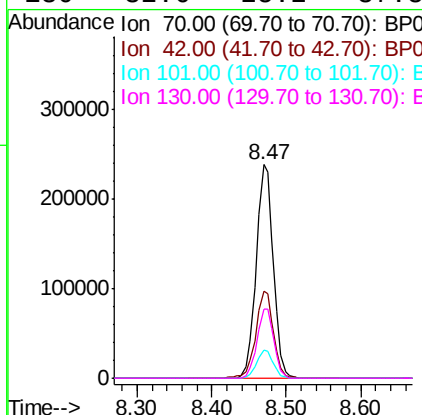




#19
n-Nitroso-di-n-propylamine
Concen: 47.111 ng
RT: 8.47 min Scan# 949
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

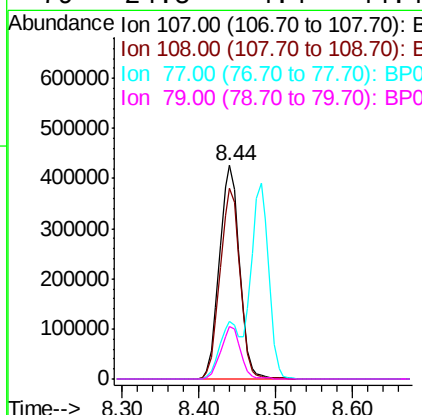
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

Tot Ion:	70	Resp:	381171
Ion	Ratio	Lower	Upper
70	100		
42	40.9	32.5	48.7
101	12.9	10.2	15.2
130	32.6	25.2	37.8



#20
3+4-Methylphenols
Concen: 48.225 ng
RT: 8.44 min Scan# 944
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion:	107	Resp:	768193
Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.7	109.7
77	27.0	7.2	47.2
79	24.5	4.4	44.4

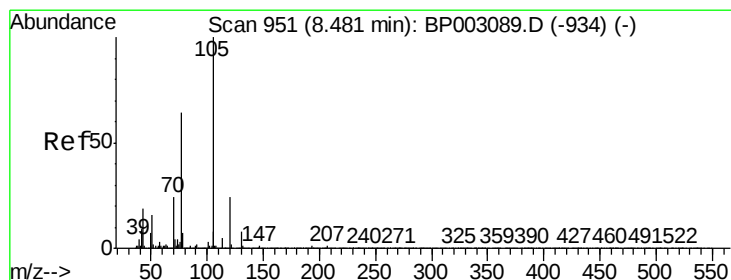
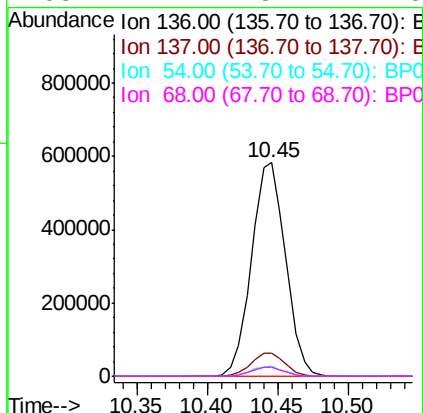
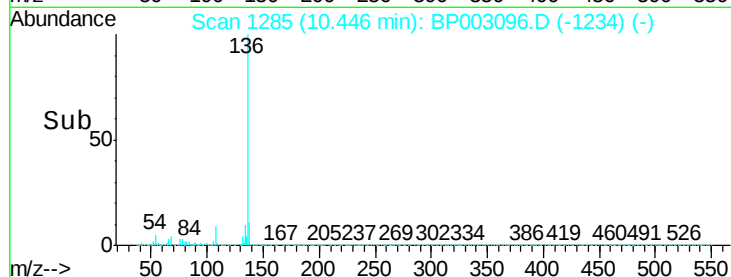
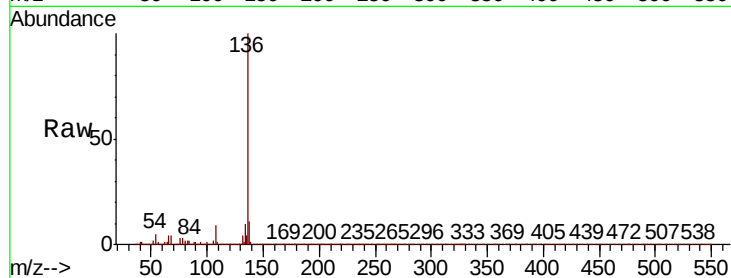




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

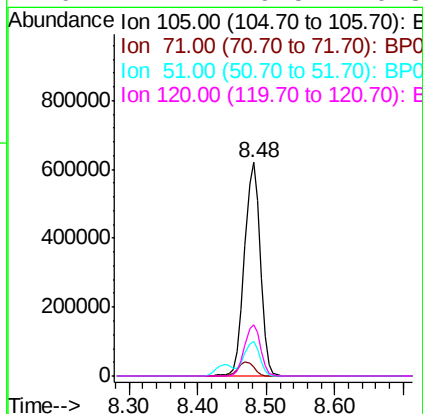
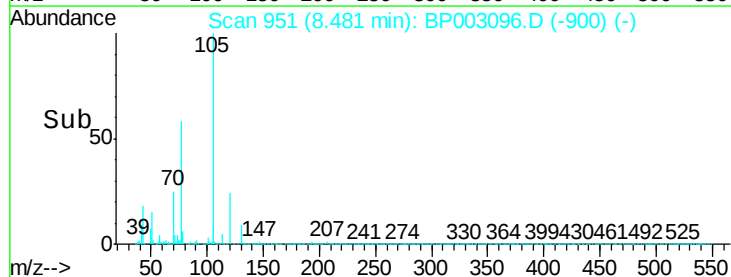
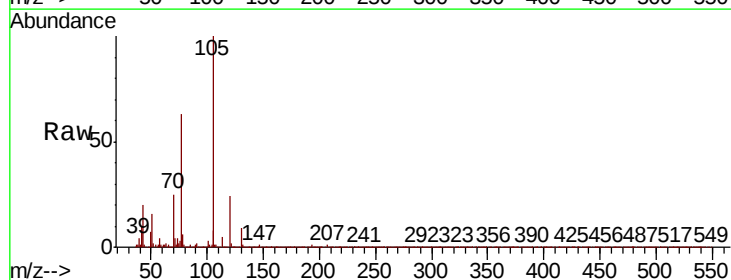
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

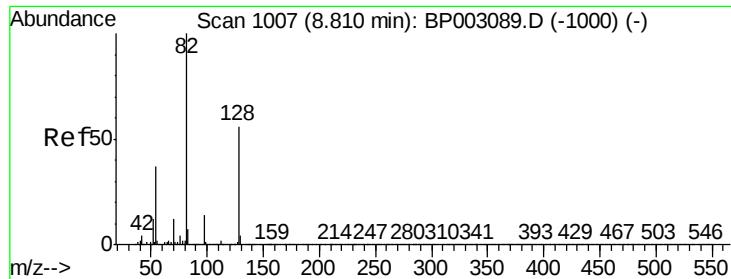
Tot Ion:136	Resp:	983319	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	8.8	13.2	
54 4.5	3.5	5.3	
68 4.1	3.2	4.8	



#22
Acetophenone
Concen: 45.453 ng
RT: 8.48 min Scan# 951
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt	Ion:105	Resp:	995358
Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.1	4.7
51	16.0	13.0	19.6
120	24.2	19.5	29.3

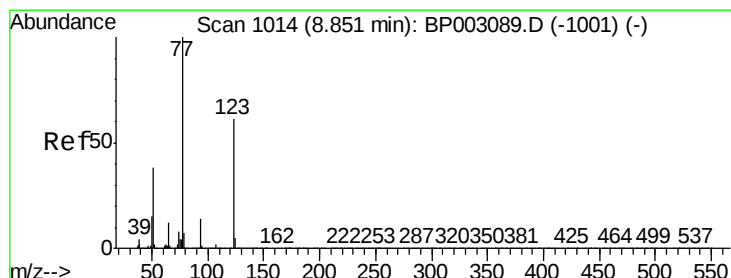
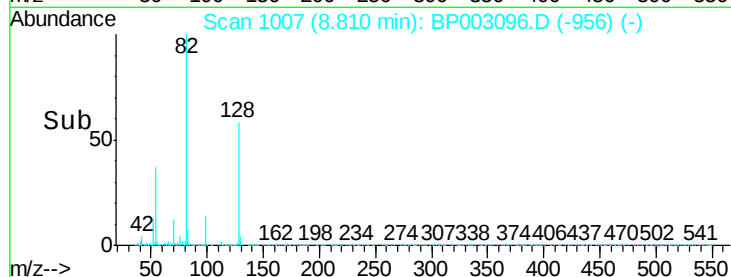
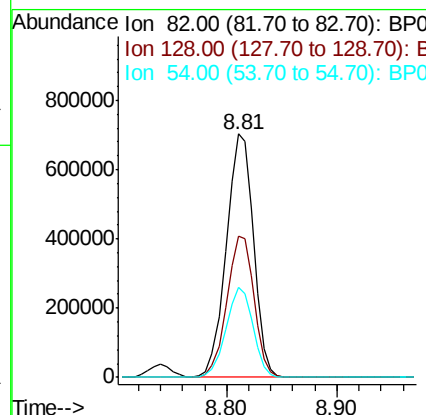
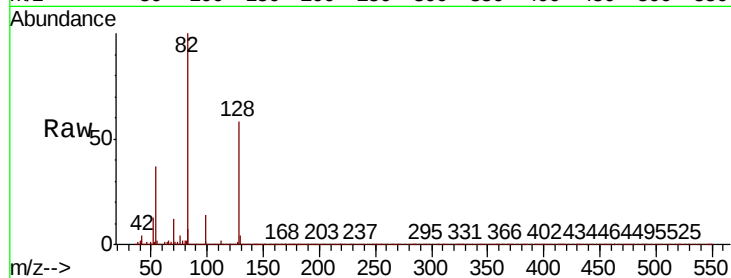




#23
Nitrobenzene-d5
Concen: 88.505 ng
RT: 8.81 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

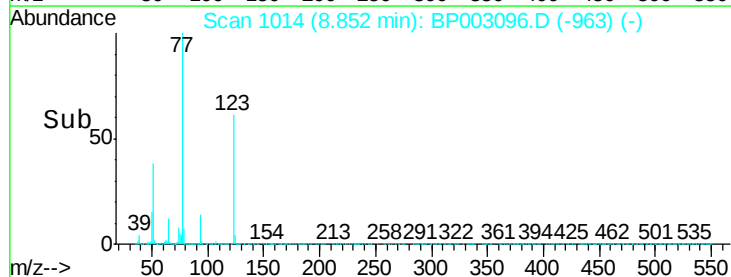
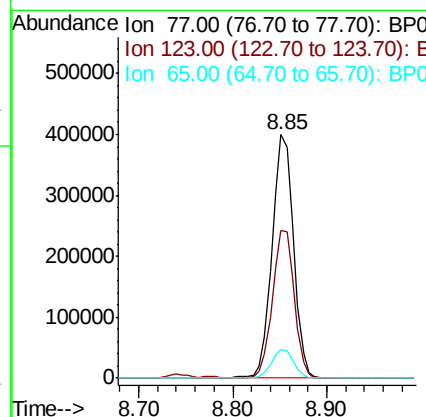
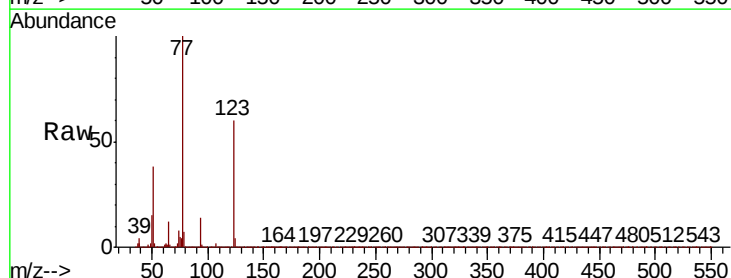
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

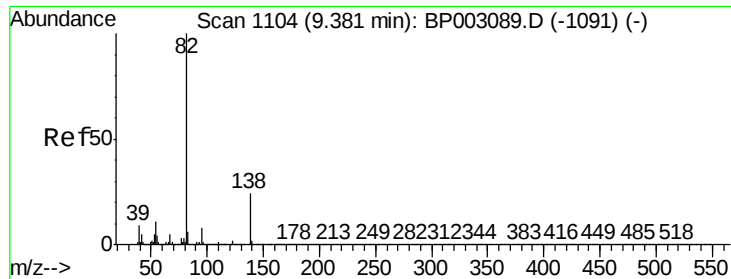
Tot Ion: 82 Resp: 1207217
Ion Ratio Lower Upper
82 100
128 58.0 44.9 67.3
54 37.0 29.4 44.2



#24
Nitrobenzene
Concen: 47.147 ng
RT: 8.85 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion: 77 Resp: 631642
Ion Ratio Lower Upper
77 100
123 60.4 49.0 73.4
65 12.0 9.6 14.4

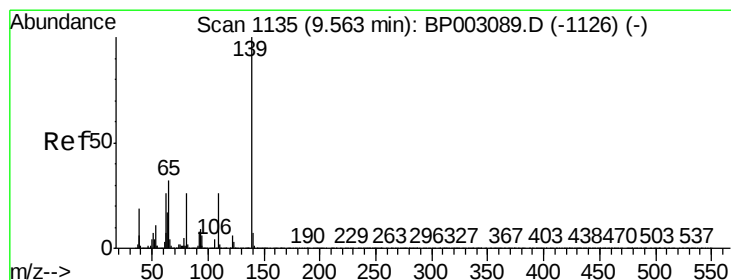
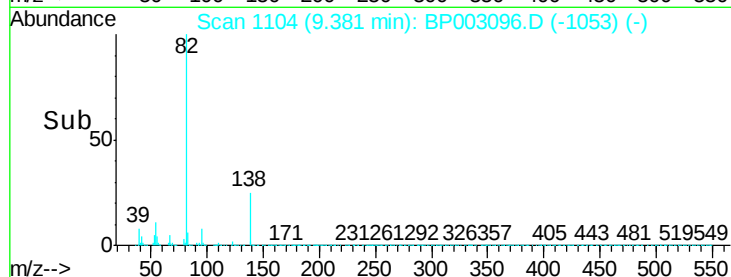
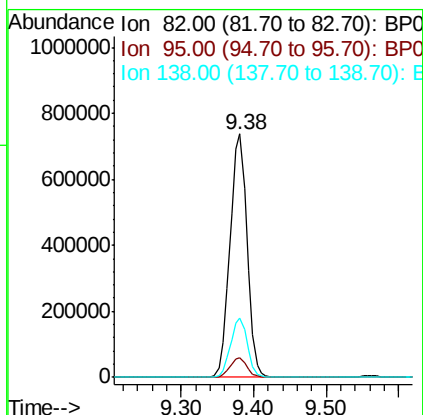
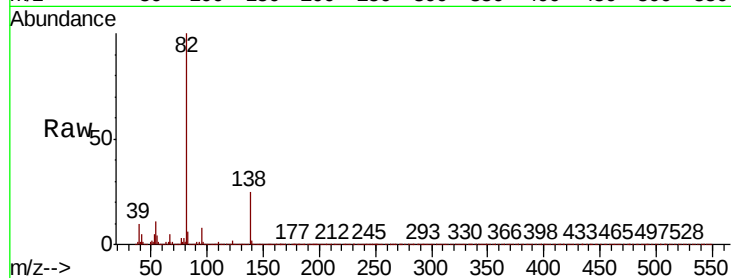




#25
Isophorone
Concen: 50.332 ng
RT: 9.38 min Scan# 1104
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

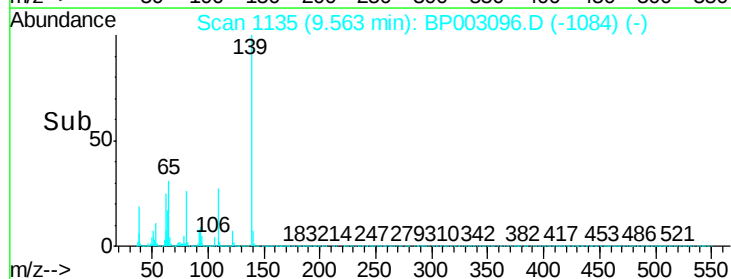
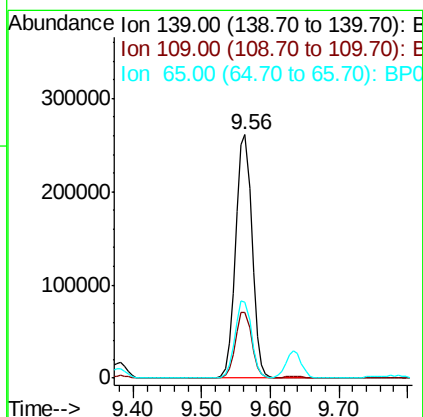
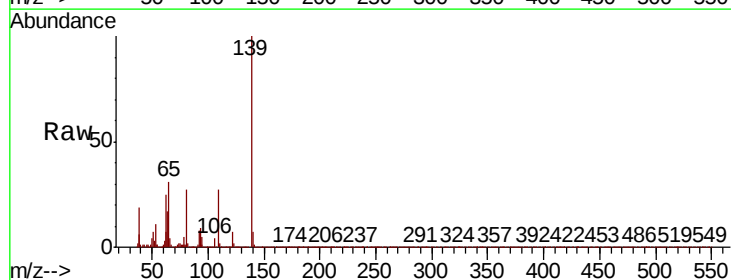
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

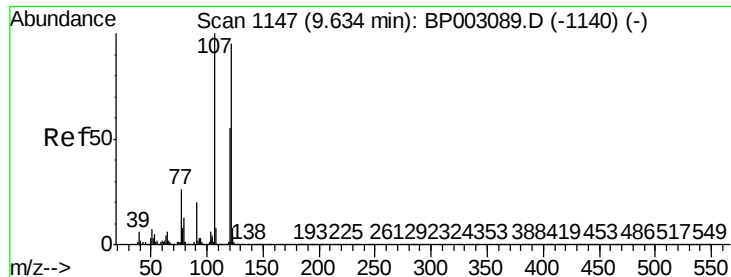
Tot Ion: 82 Resp: 1211304
Ion Ratio Lower Upper
82 100
95 8.0 6.0 9.0
138 24.5 19.1 28.7



#26
2-Nitrophenol
Concen: 54.028 ng
RT: 9.56 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion: 139 Resp: 431416
Ion Ratio Lower Upper
139 100
109 26.9 21.2 31.8
65 31.2 25.4 38.0





#27

2,4-Dimethylphenol

Concen: 55.823 ng

RT: 9.63 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

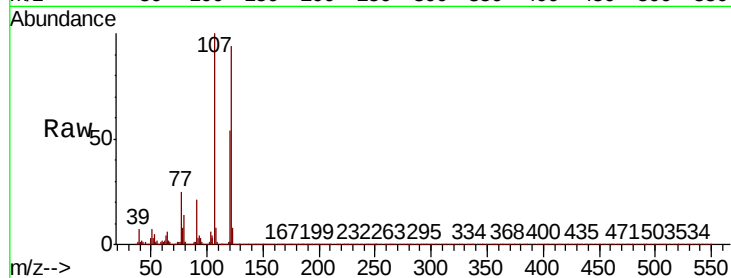
Tot Ion:122 Resp: 670094

Ion Ratio Lower Upper

122 100

107 106.5 84.3 126.5

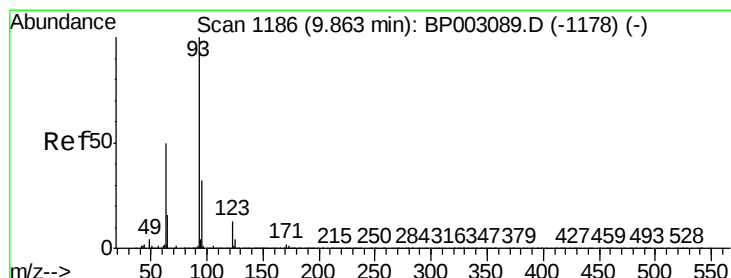
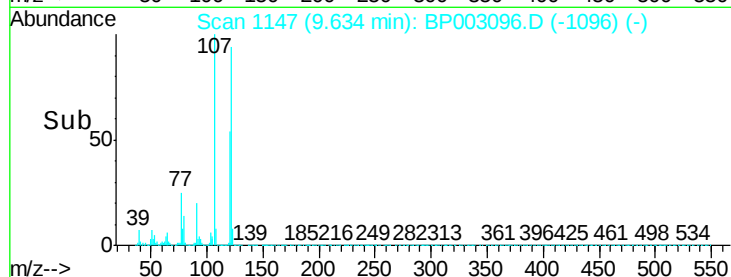
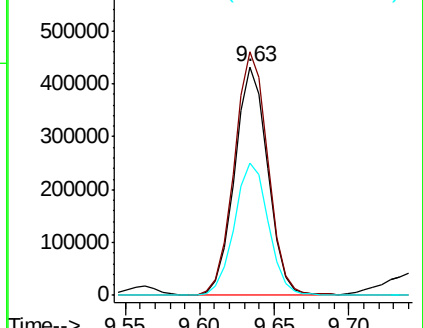
121 57.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.663 ng

RT: 9.86 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

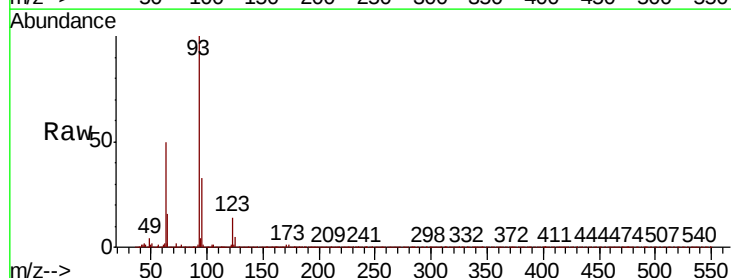
Tgt Ion: 93 Resp: 800584

Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.8

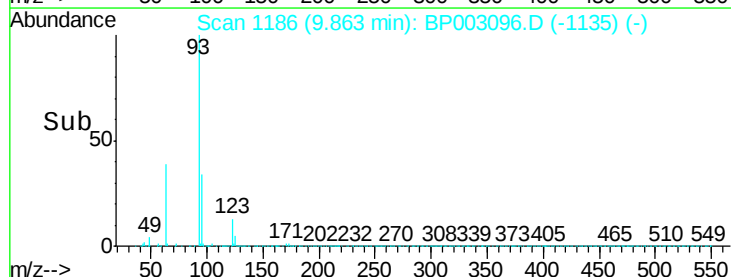
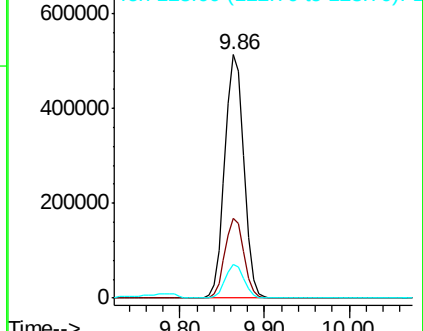
123 13.9 10.6 15.8

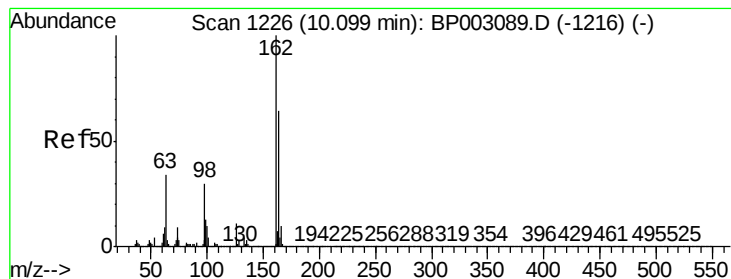


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 51.116 ng

RT: 10.10 min Scan# 1226

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

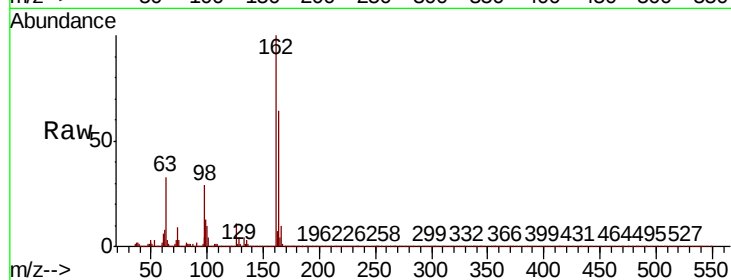
Tot Ion:162 Resp: 761264

Ion Ratio Lower Upper

162 100

164 64.2 43.6 83.6

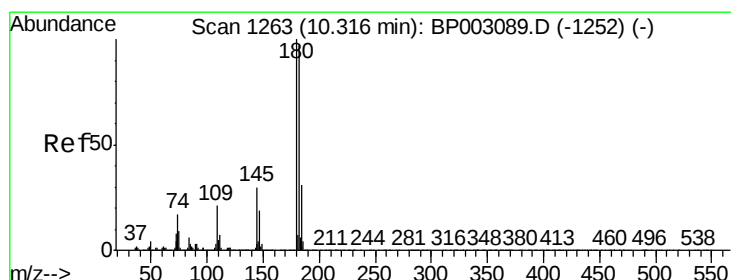
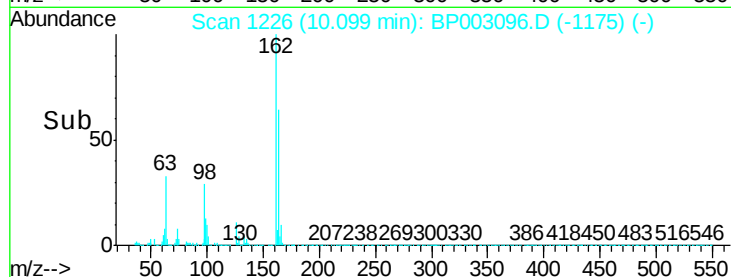
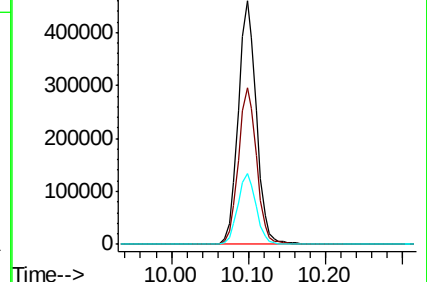
98 29.1 10.1 50.1



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: 45.709 ng

RT: 10.31 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

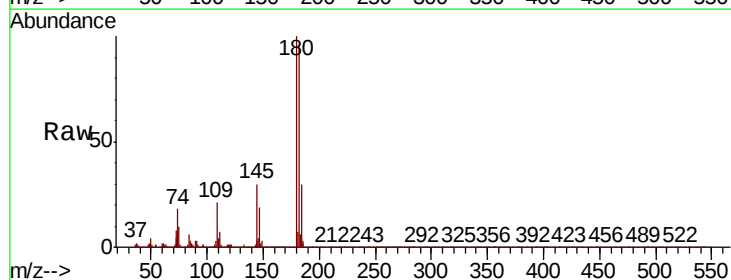
Tgt Ion:180 Resp: 810514

Ion Ratio Lower Upper

180 100

182 96.0 77.6 116.4

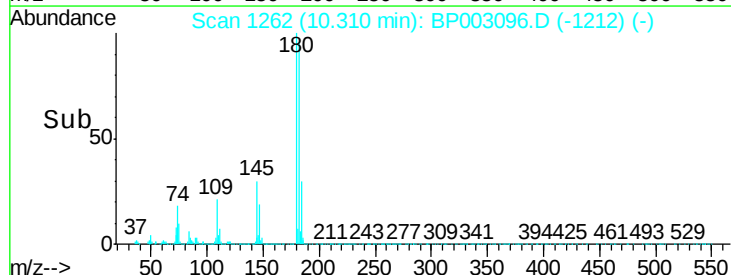
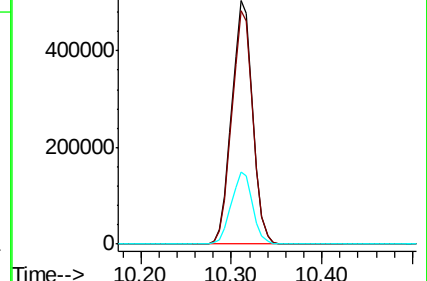
145 29.8 23.7 35.5

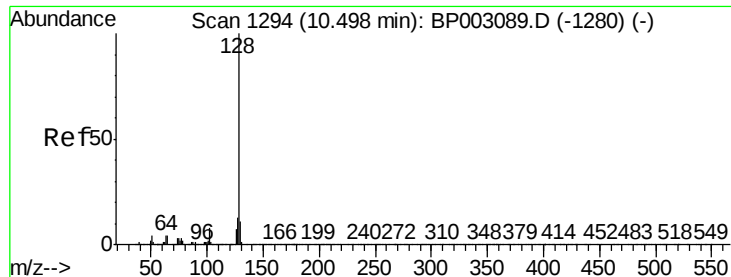


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

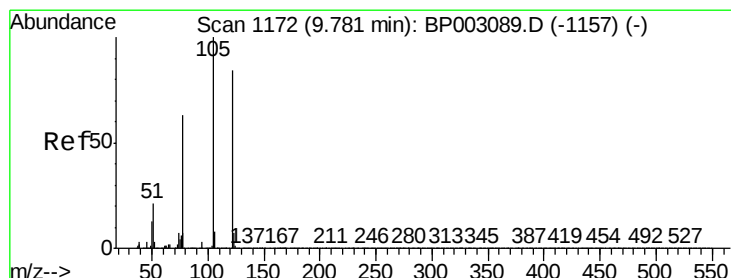
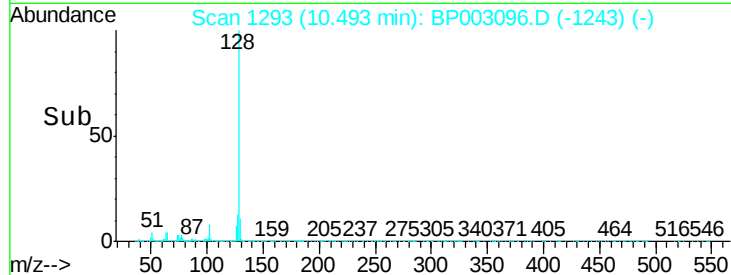
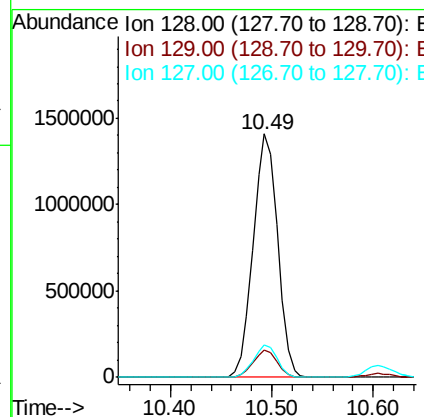
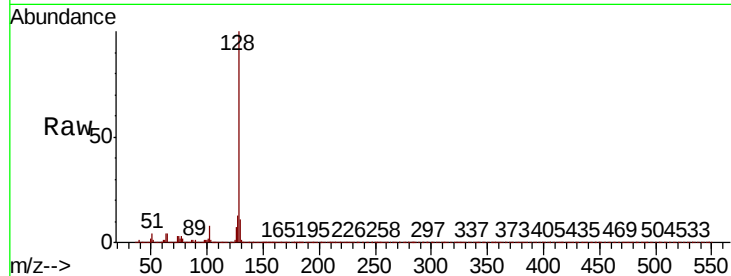




#31
Naphthalene
Concen: 46.526 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

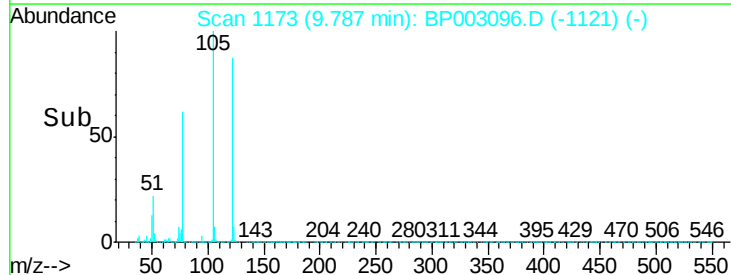
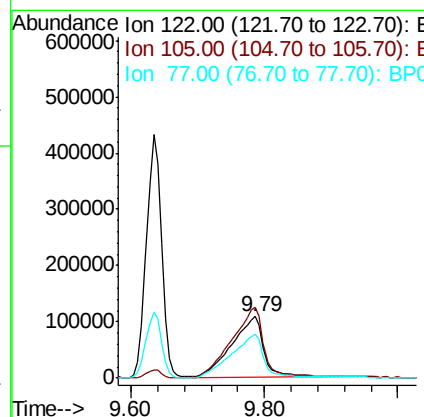
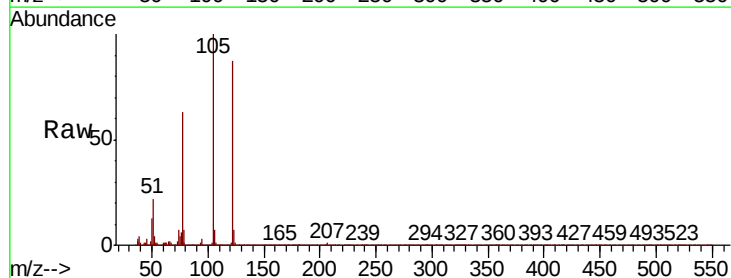
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

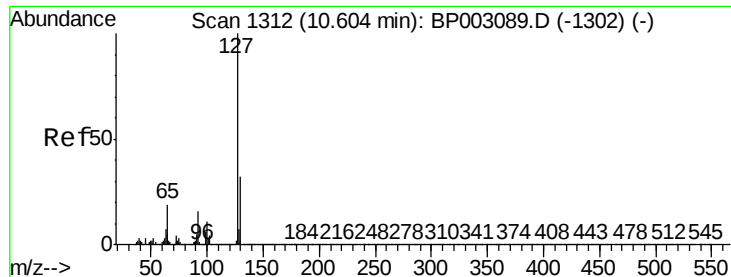
Tot Ion:128 Resp: 2350480
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 40.930 ng
RT: 9.79 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion:122 Resp: 364938
Ion Ratio Lower Upper
122 100
105 114.7 98.1 138.1
77 71.8 55.3 95.3

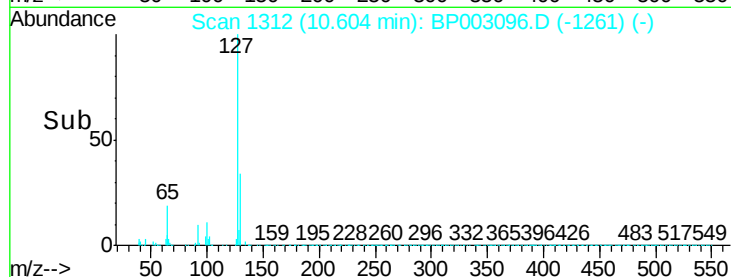
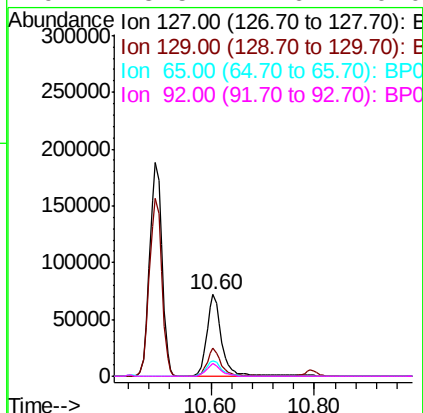
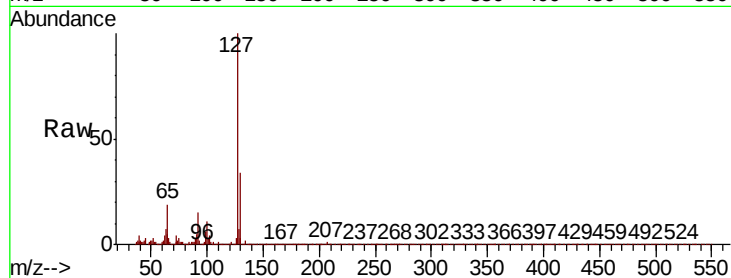




#33
4-Chloroaniline
Concen: 6.813 ng
RT: 10.60 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

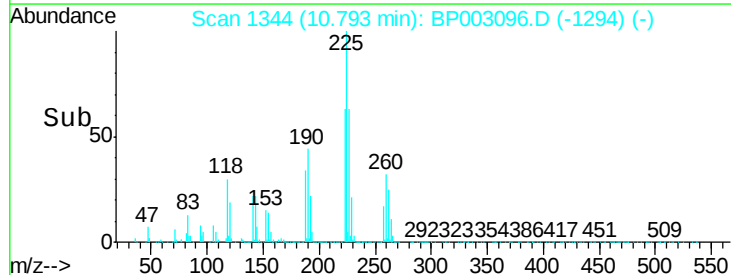
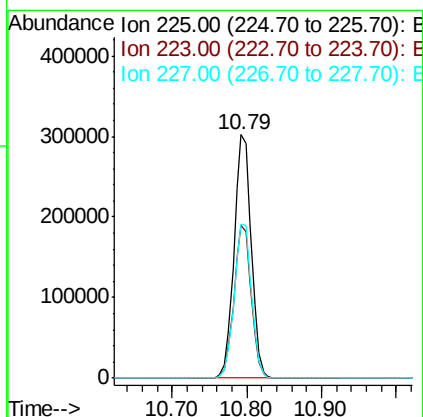
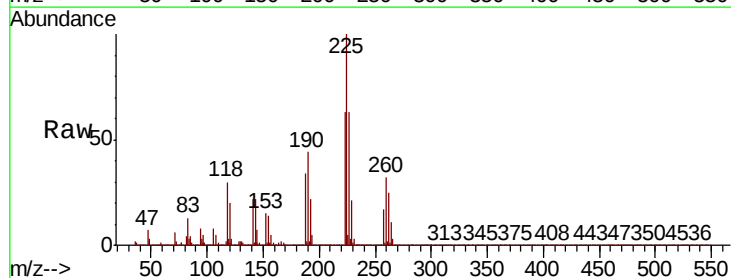
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

Tot Ion:	127	Resp:	143822
Ion	Ratio	Lower	Upper
127	100		
129	33.8	25.4	38.0
65	18.8	15.5	23.3
92	15.5	12.6	19.0



#34
Hexachlorobutadiene
Concen: 45.414 ng
RT: 10.79 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion:	225	Resp:	483300
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	63.2	52.0	78.0

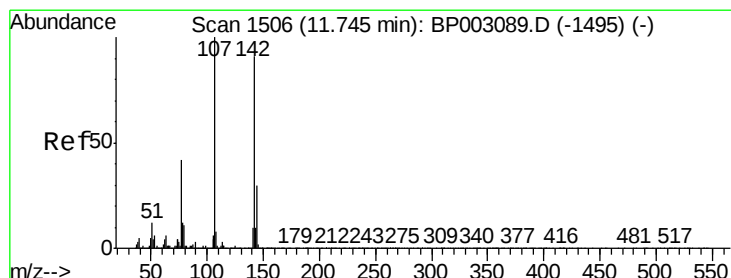
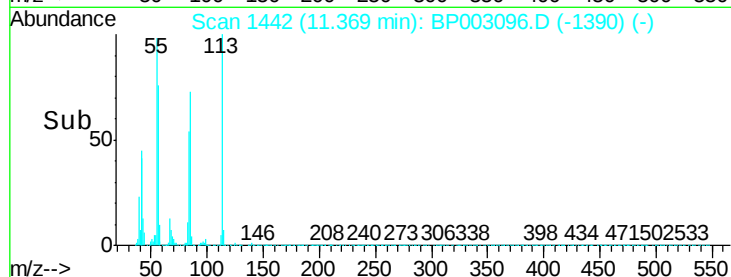
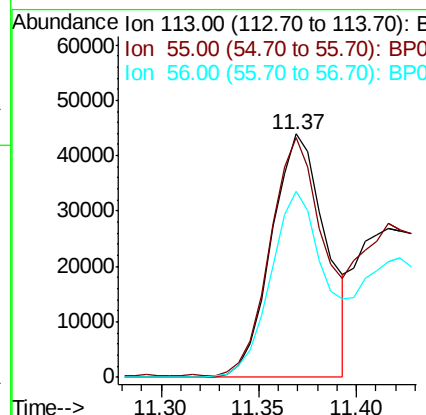
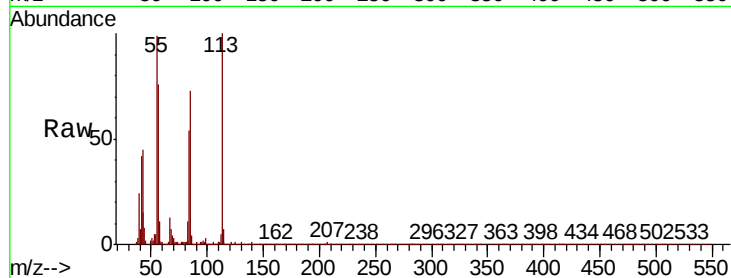




#35
Caprolactam
Concen: 18.971 ng
RT: 11.37 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

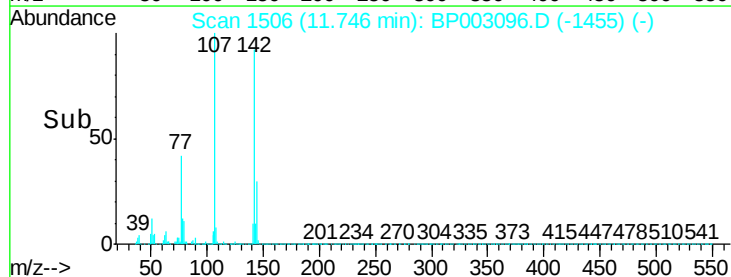
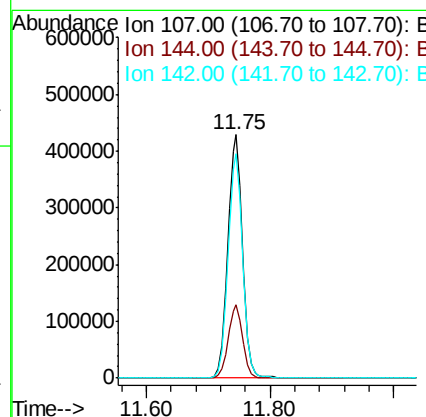
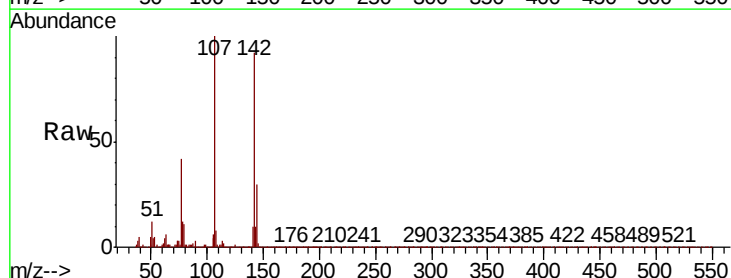
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

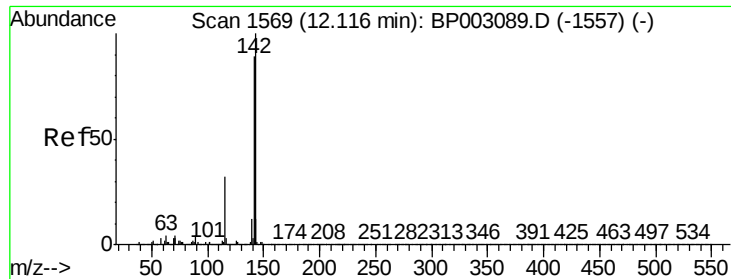
Tot Ion:113 Resp: 84903
Ion Ratio Lower Upper
113 100
55 98.6 81.3 121.3
56 76.4 56.4 96.4



#36
4-Chloro-3-methylphenol
Concen: 51.337 ng
RT: 11.75 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion:107 Resp: 713852
Ion Ratio Lower Upper
107 100
144 30.0 24.2 36.4
142 92.1 73.0 109.6

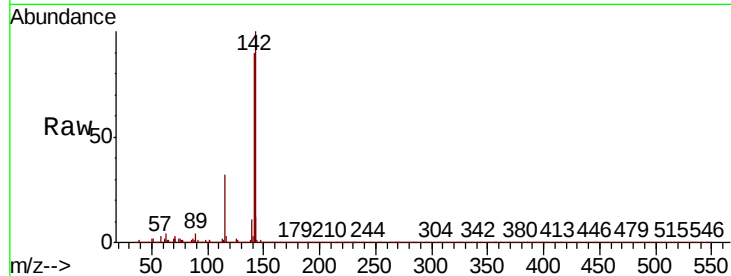




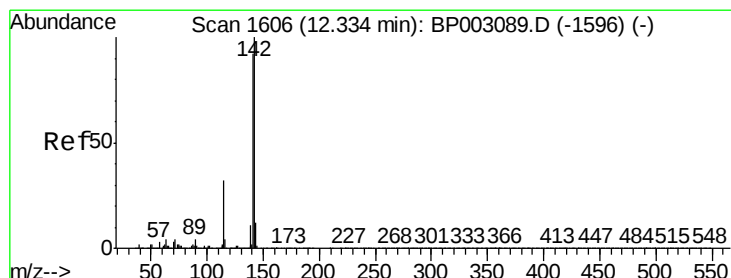
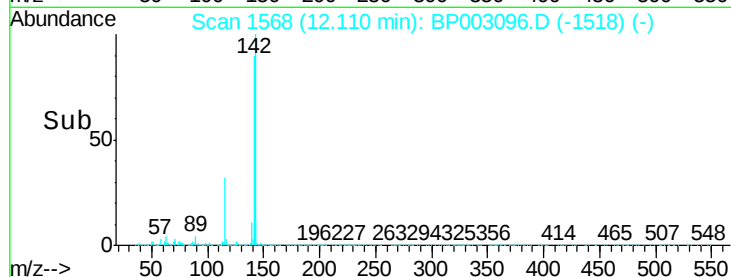
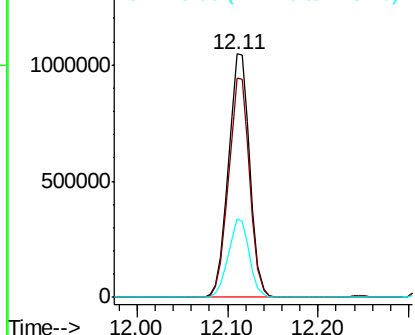
#37
2-Methylnaphthalene
Concen: 47.193 ng
RT: 12.11 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

Tot Ion:142 Resp: 1705524
Ion Ratio Lower Upper
142 100
141 89.8 71.1 106.7
115 32.1 25.2 37.8

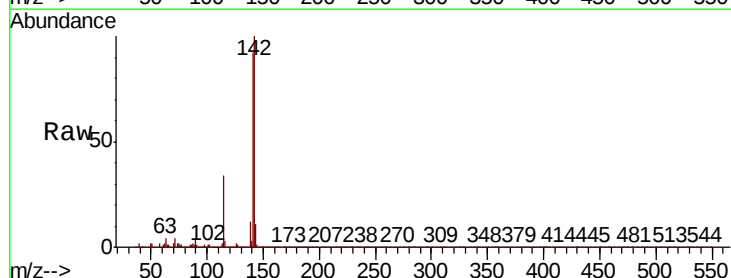


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

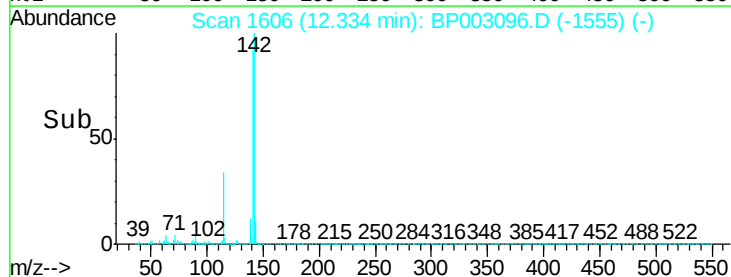
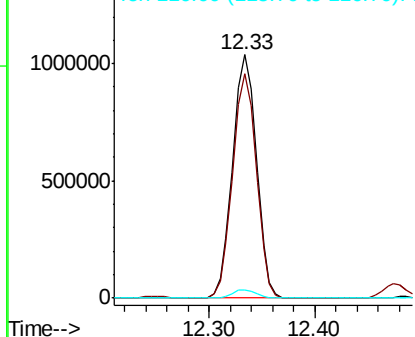


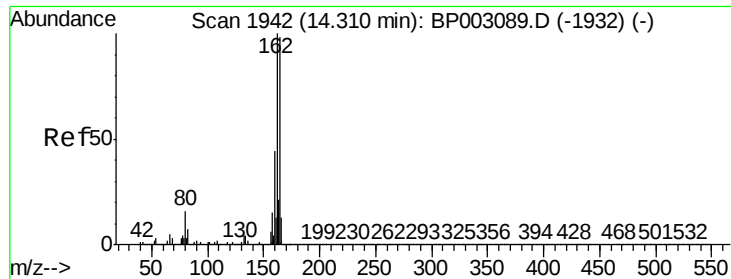
#38
1-Methylnaphthalene
Concen: 47.085 ng
RT: 12.33 min Scan# 1606
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion:142 Resp: 1617372
Ion Ratio Lower Upper
142 100
141 92.0 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: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

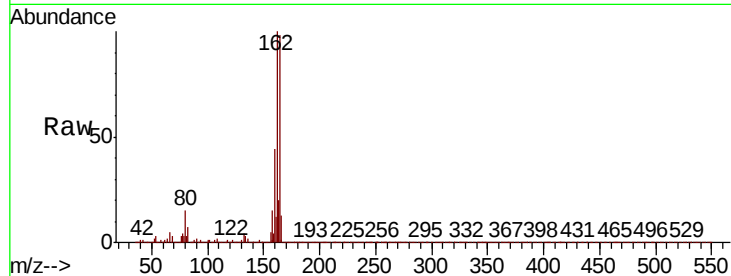
Tot Ion:164 Resp: 595874

Ion Ratio Lower Upper

164 100

162 101.5 81.2 121.8

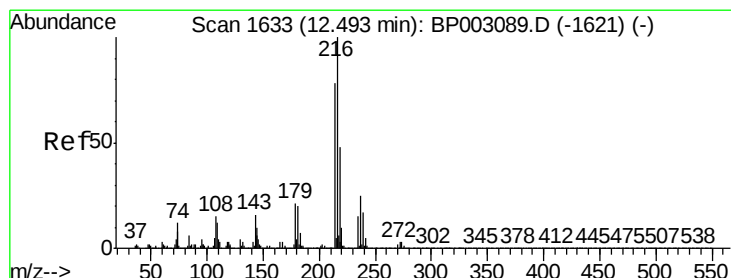
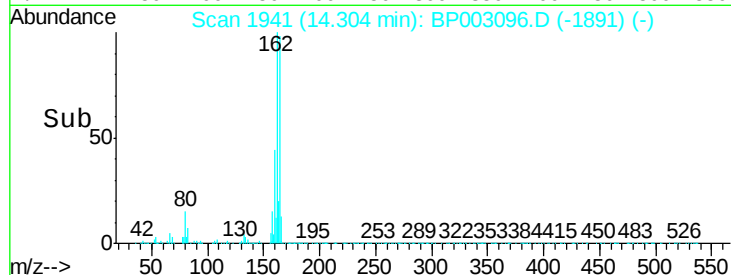
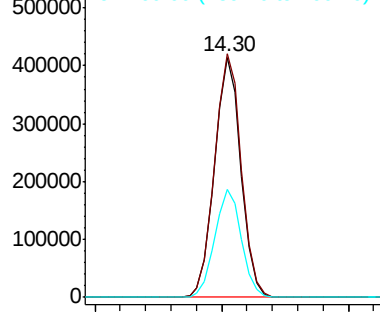
160 44.9 36.0 54.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.685 ng

RT: 12.49 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Tgt Ion:216 Resp: 842180

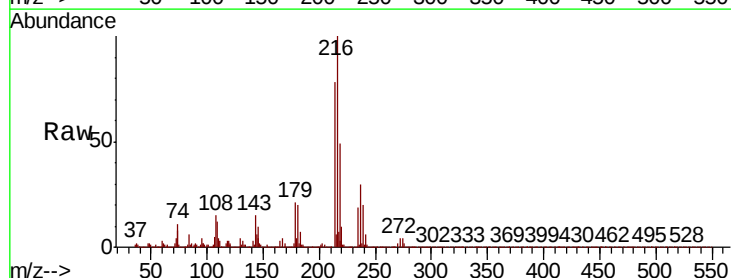
Ion Ratio Lower Upper

216 100

214 78.4 62.4 93.6

179 21.1 16.9 25.3

108 16.9 12.8 19.2

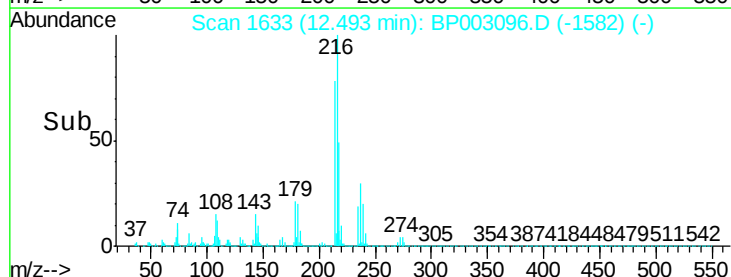
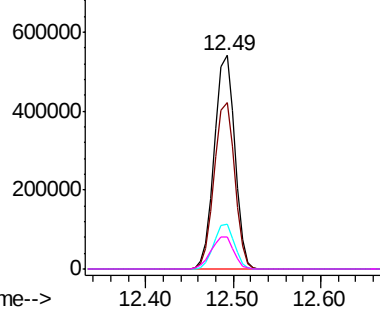


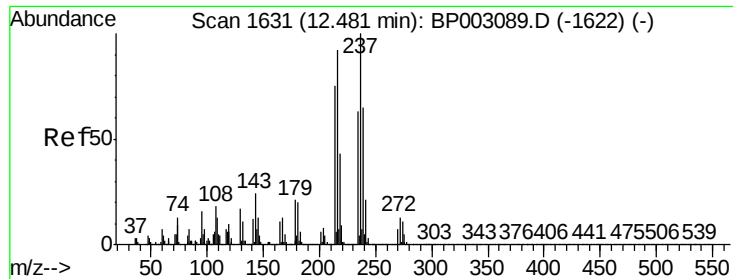
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

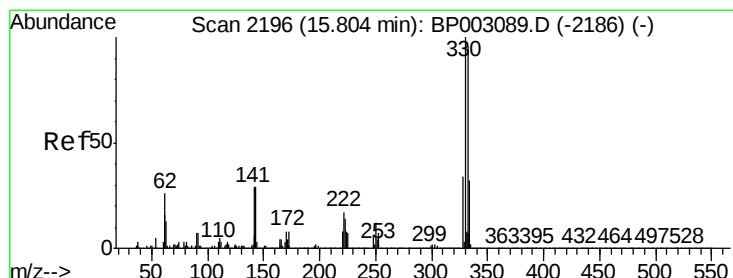
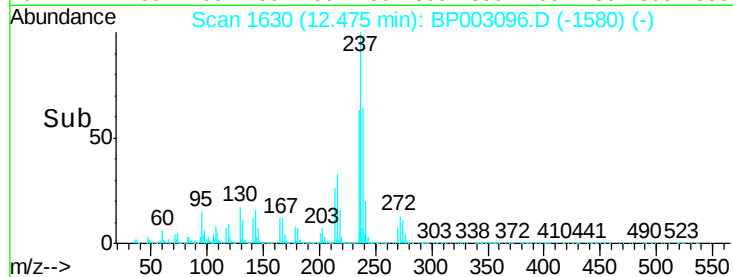
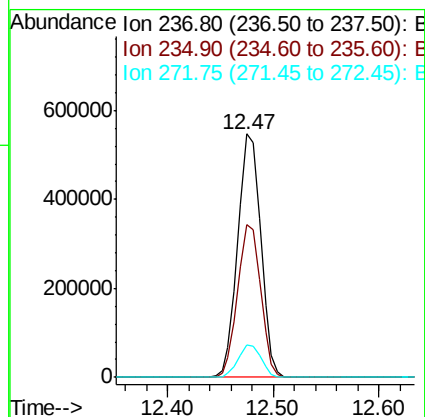
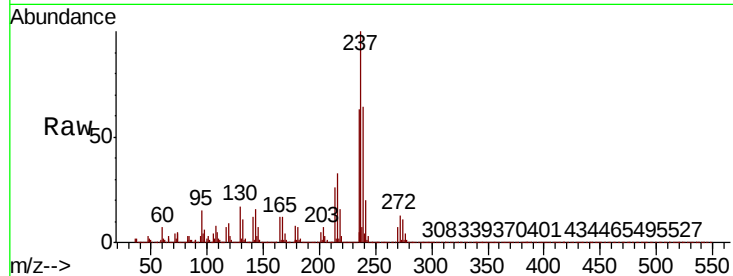




#41
Hexachlorocyclopentadiene
Concen: 98.493 ng
RT: 12.47 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

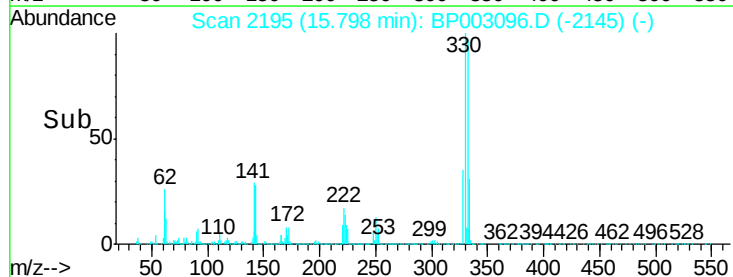
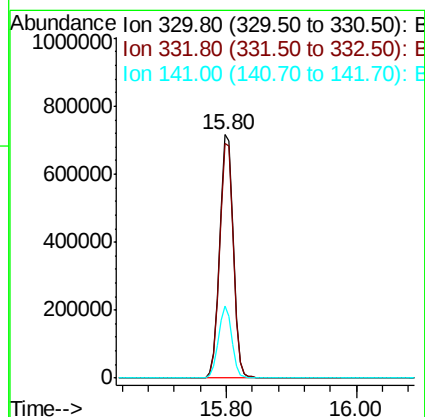
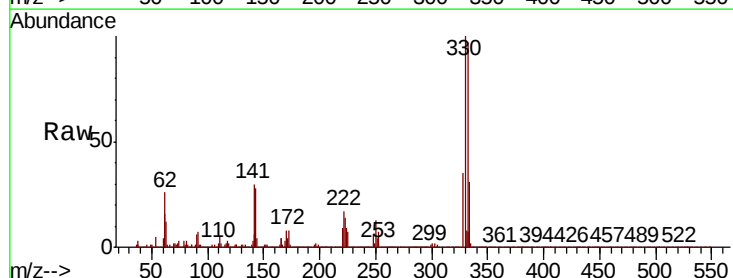
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

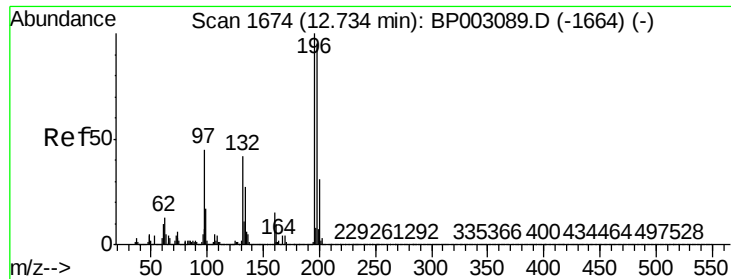
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.6	43.0	83.0
272	13.4	0.0	33.2



#42
2,4,6-Tribromophenol
Concen: 129.417 ng
RT: 15.80 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.3	115.9
141	29.1	24.4	36.6

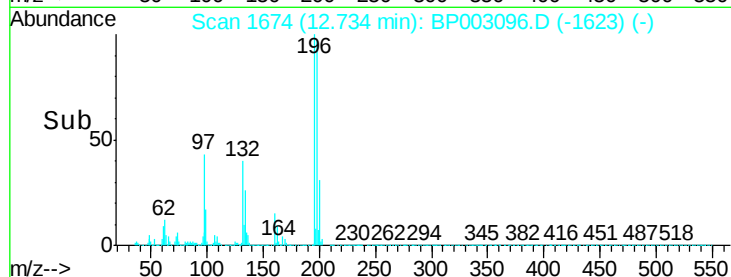
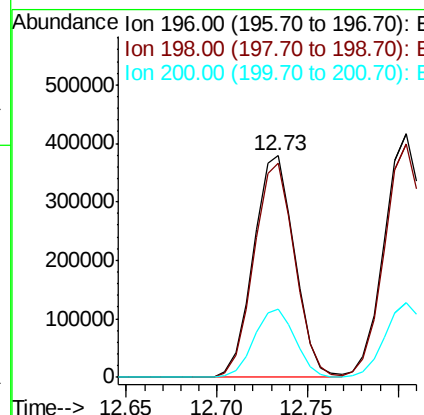
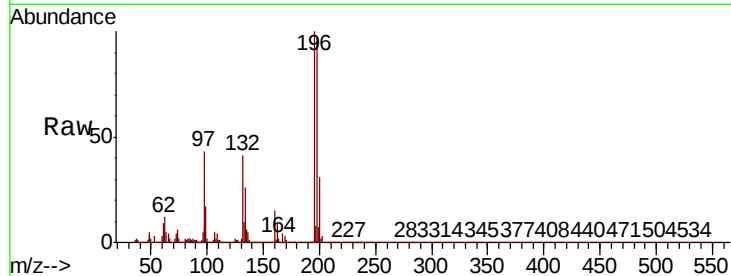




#43
 2,4,6-Trichlorophenol
 Concen: 51.394 ng
 RT: 12.73 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BP003096.D
 Acq: 24 Aug 2020 17:54

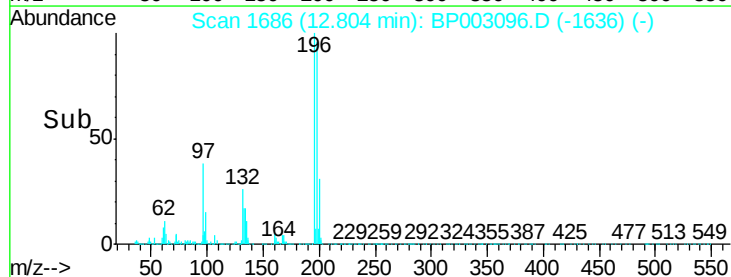
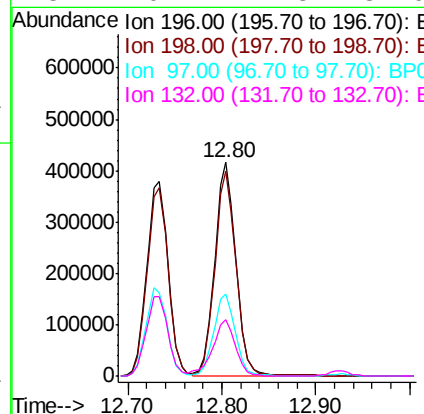
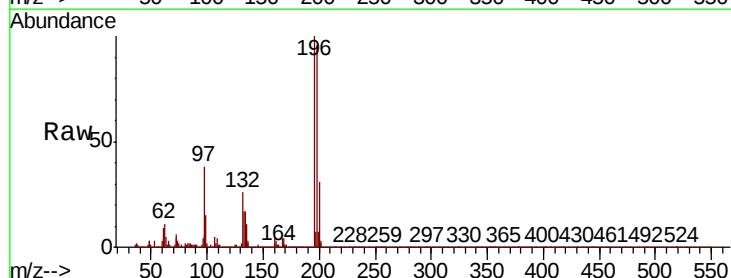
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MSD

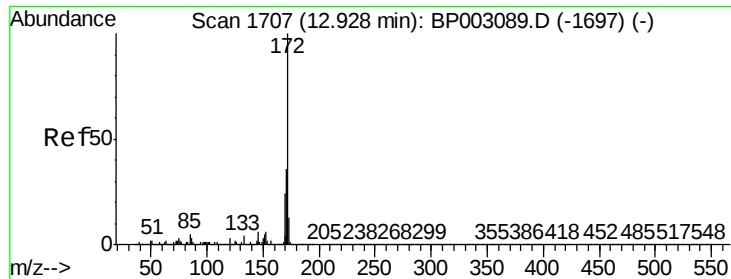
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.8	75.8	113.6
200	31.0	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 53.400 ng
 RT: 12.80 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP003096.D
 Acq: 24 Aug 2020 17:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.6	115.0
97	38.4	30.3	45.5
132	26.4	21.3	31.9

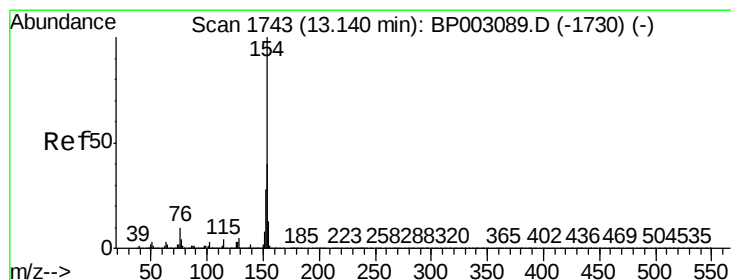
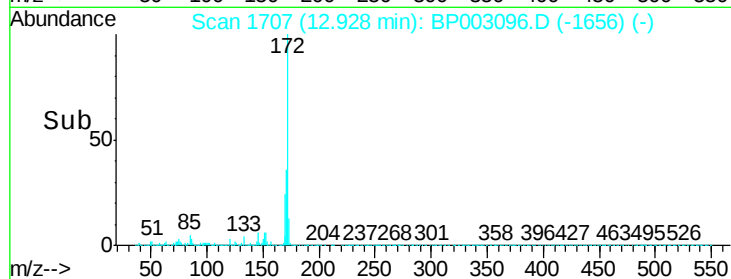
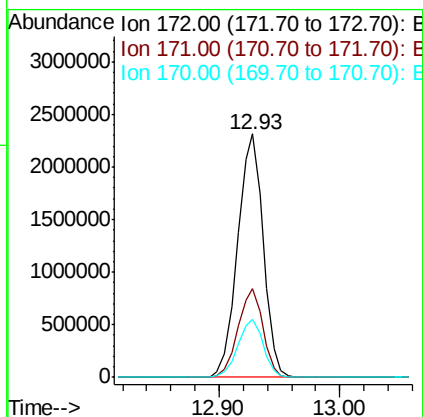
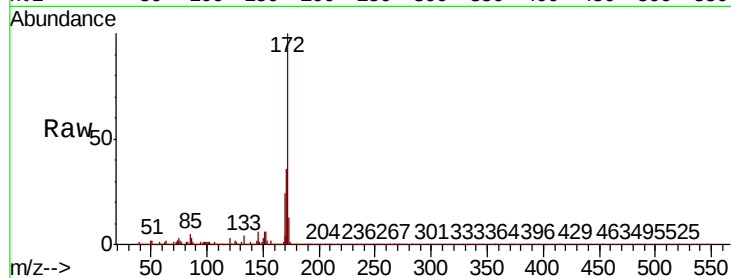




#45
2-Fluorobiphenyl
Concen: 83.699 ng
RT: 12.93 min Scan# 1707
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

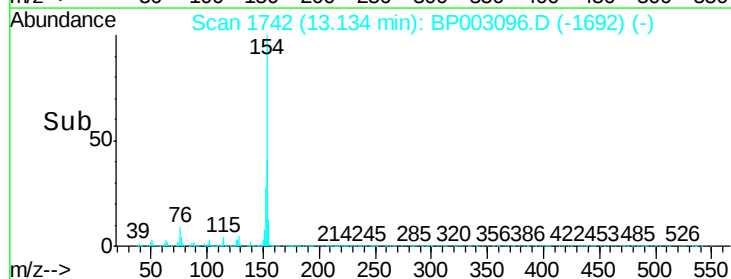
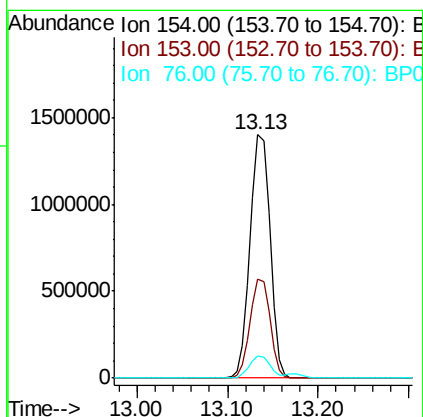
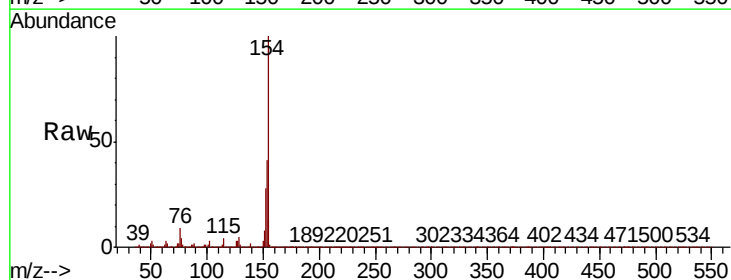
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

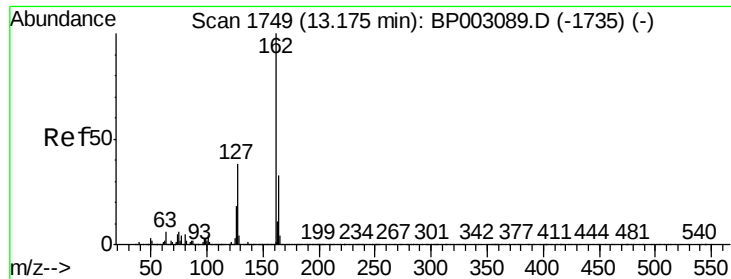
Tot Ion:172 Resp: 3405660
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 48.081 ng
RT: 13.13 min Scan# 1742
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion:154 Resp: 2149010
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 9.2 0.0 29.7

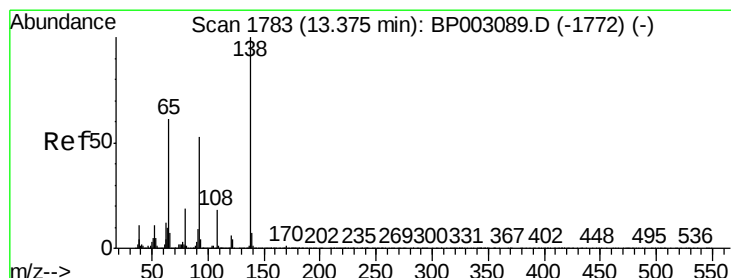
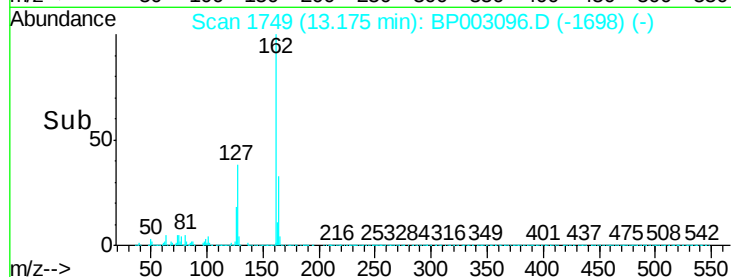
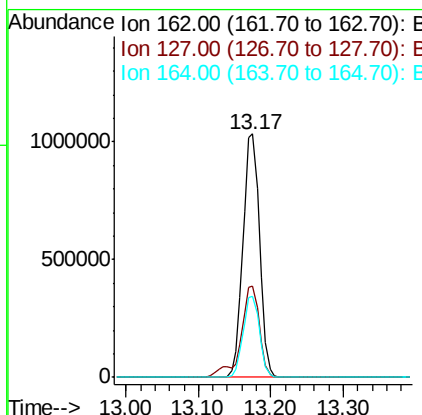
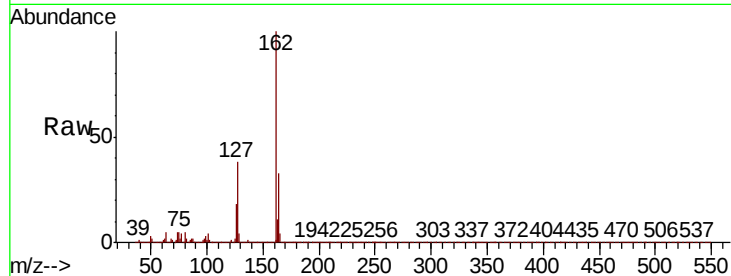




#47
2-Chloronaphthalene
Concen: 45.012 ng
RT: 13.17 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

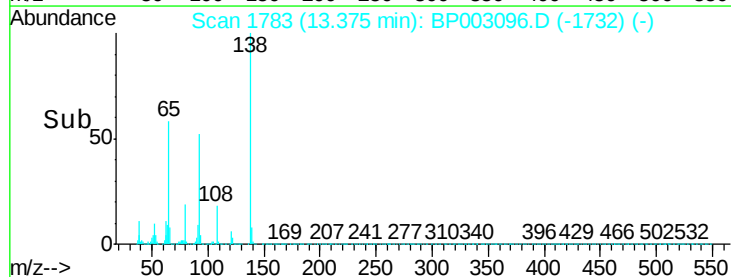
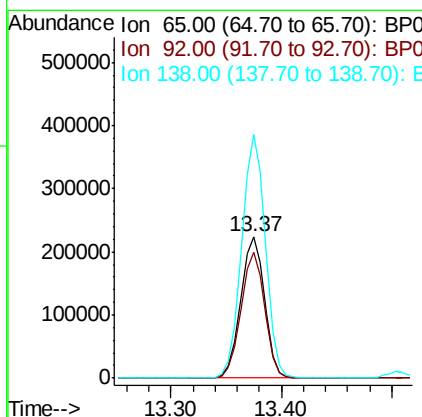
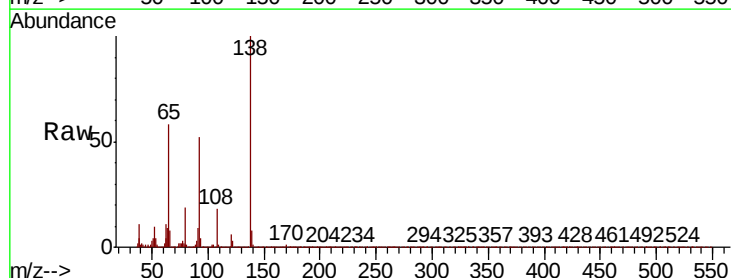
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

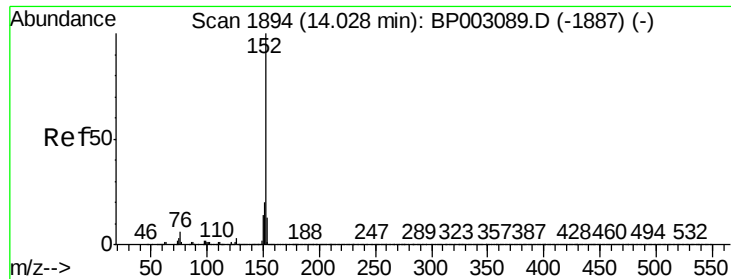
Tot Ion:162 Resp: 1646799
Ion Ratio Lower Upper
162 100
127 37.5 30.6 45.8
164 33.1 26.3 39.5



#48
2-Nitroaniline
Concen: 49.669 ng
RT: 13.37 min Scan# 1783
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion: 65 Resp: 340237
Ion Ratio Lower Upper
65 100
92 89.5 70.2 105.4
138 172.4 131.7 197.5





#49

Acenaphthylene

Concen: 48.857 ng

RT: 14.02 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

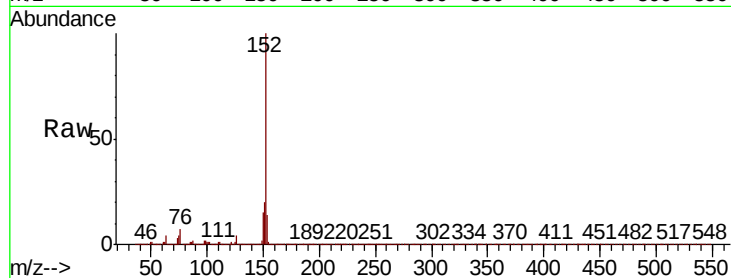
BNA_P

ClientSampleId :

OR-03-082020MSD

Tot Ion:152 Resp: 2702843

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.6	10.5	15.7

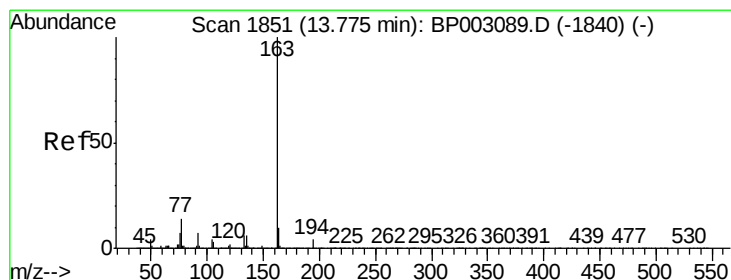
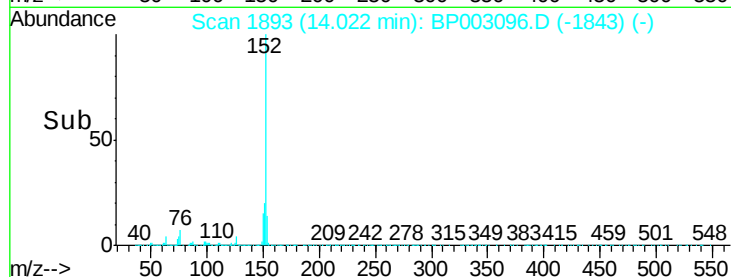
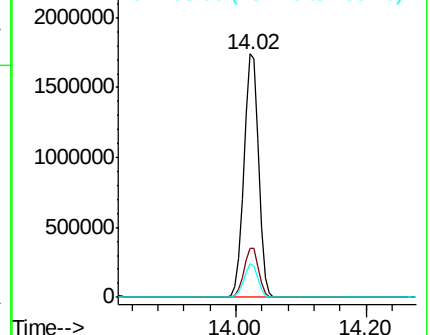


Abundance

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: 47.401 ng

RT: 13.77 min Scan# 1850

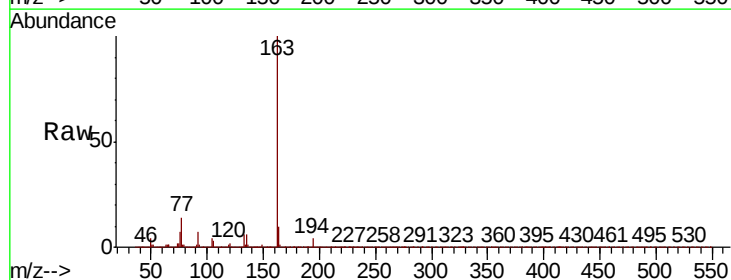
Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Tgt Ion:163 Resp: 2153956

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	10.3	8.1	12.1

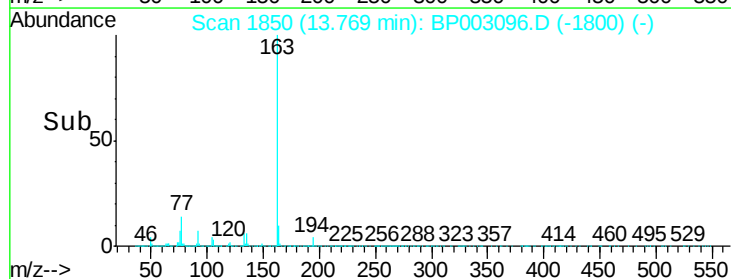
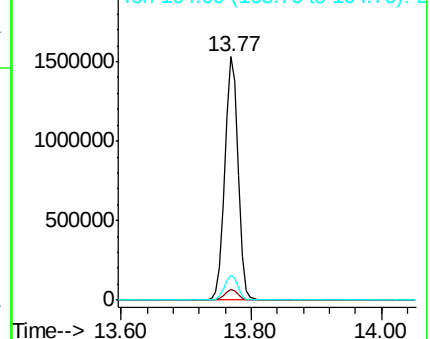


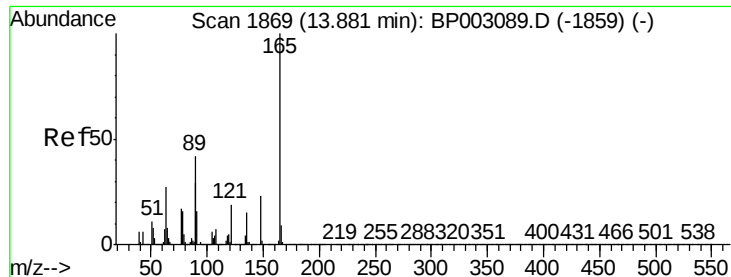
Abundance

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

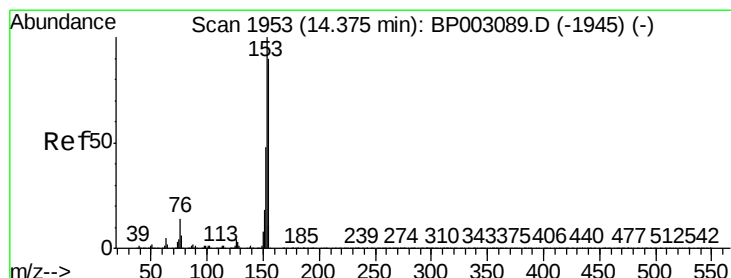
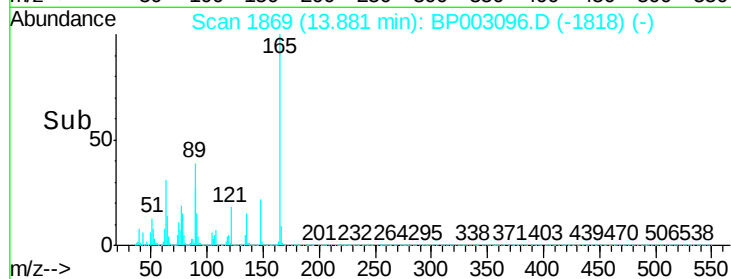
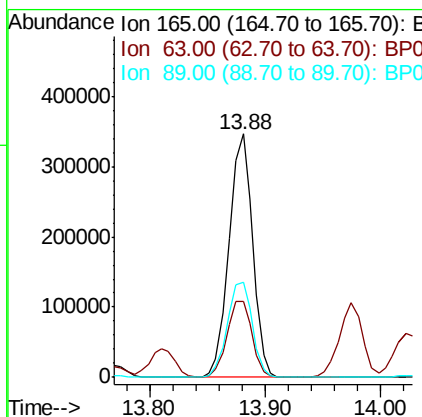
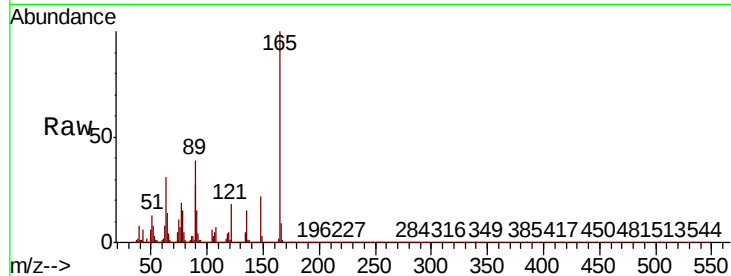




#51
2,6-Dinitrotoluene
Concen: 51.864 ng
RT: 13.88 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

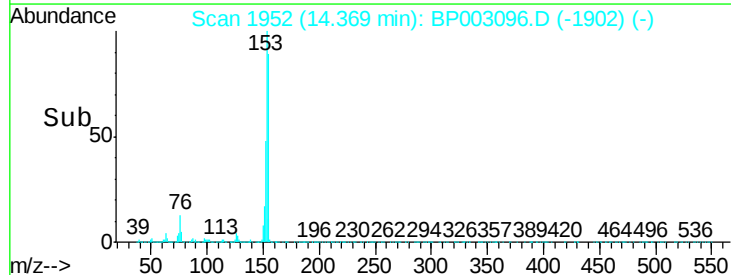
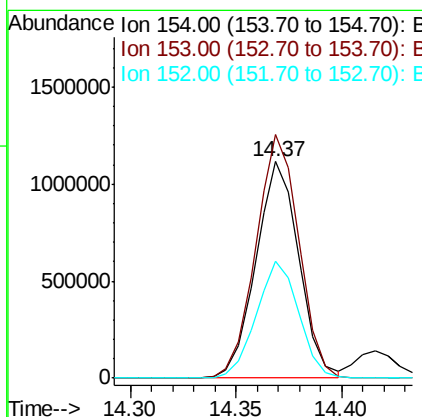
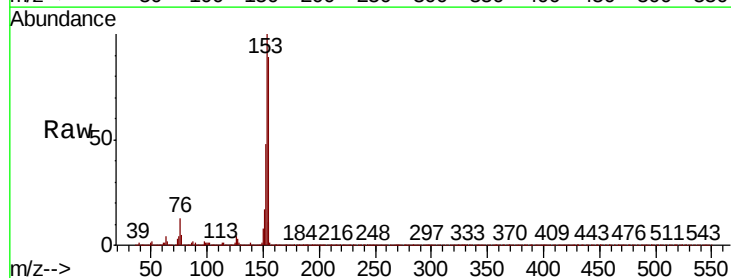
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

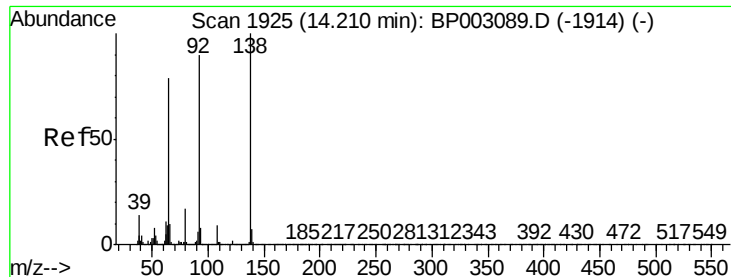
Tot Ion	Ratio	Lower	Upper
165	100		
63	31.1	27.5	41.3
89	39.2	33.6	50.4



#52
Acenaphthene
Concen: 46.365 ng
RT: 14.37 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.2	133.8
152	53.7	42.5	63.7

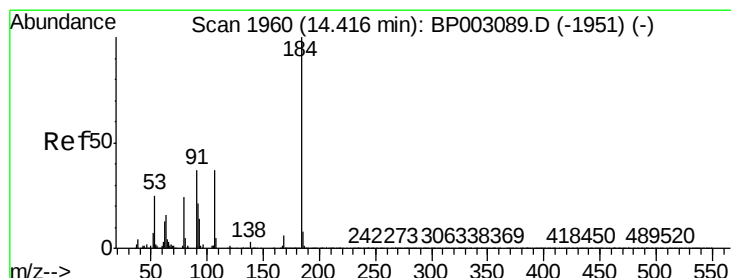
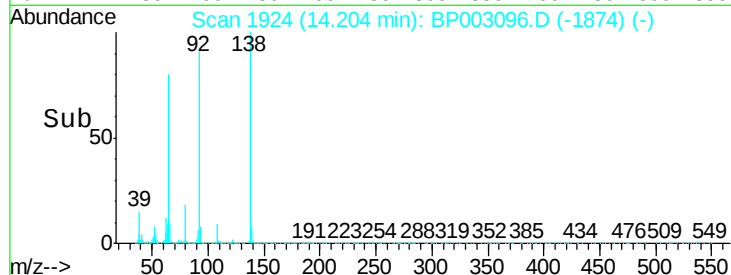
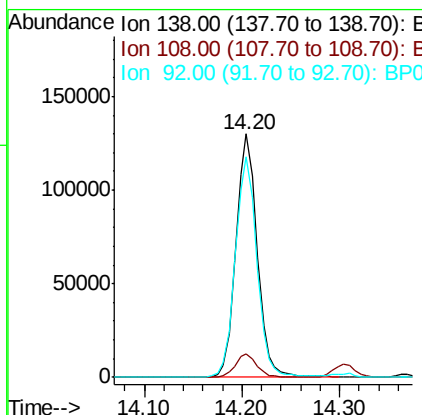
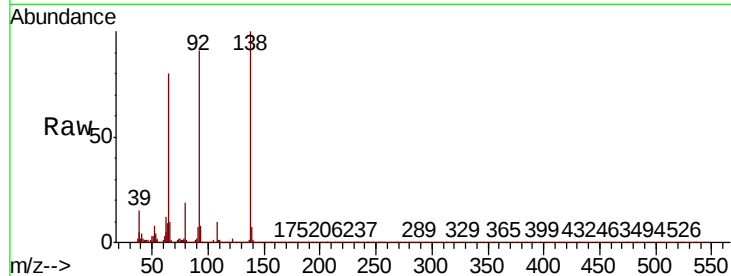




#53
3-Nitroaniline
Concen: 18.413 ng
RT: 14.20 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

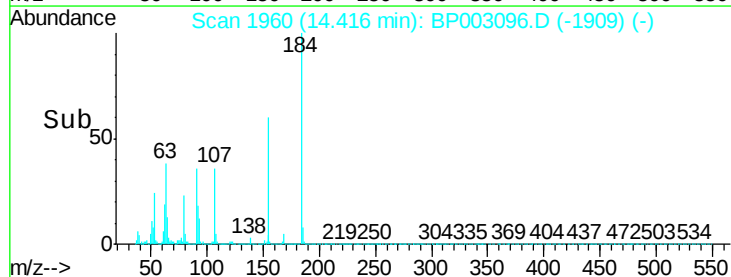
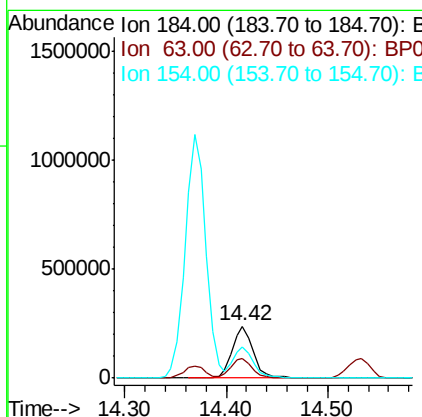
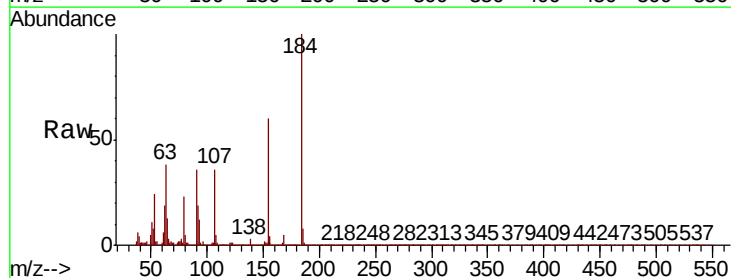
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

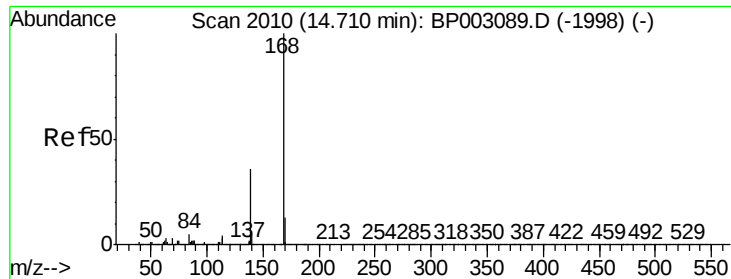
Tot Ion:138 Resp: 197014
Ion Ratio Lower Upper
138 100
108 9.7 7.4 11.0
92 90.7 72.2 108.2



#54
2,4-Dinitrophenol
Concen: 67.709 ng
RT: 14.42 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion:184 Resp: 342504
Ion Ratio Lower Upper
184 100
63 38.1 32.0 48.0
154 60.1 48.2 72.2

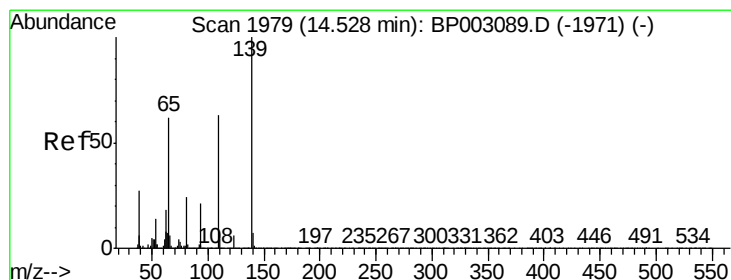
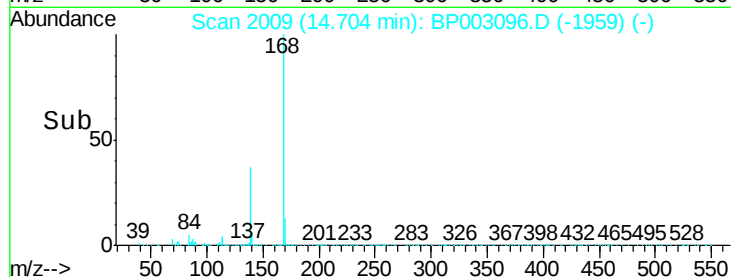
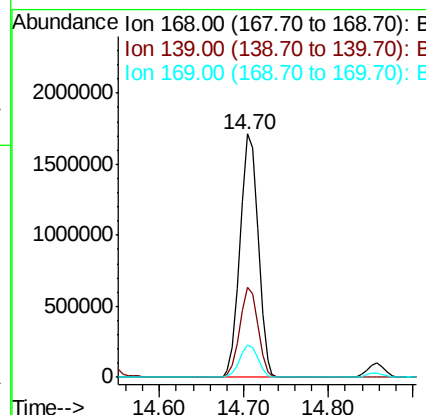
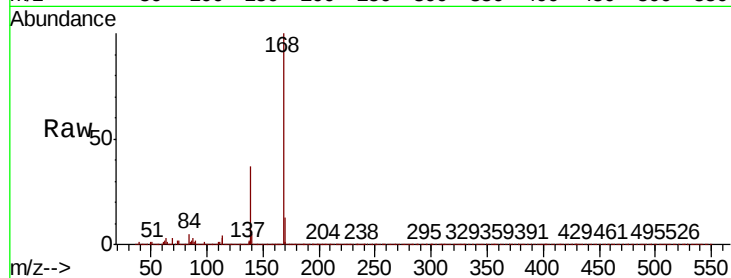




#55
Dibenzenofuran
Concen: 46.935 ng
RT: 14.70 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

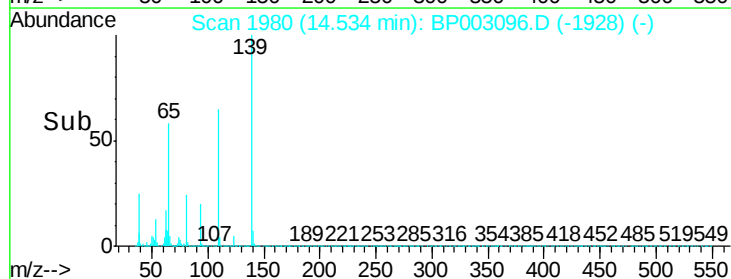
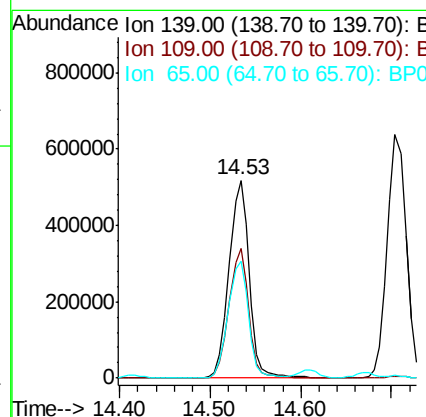
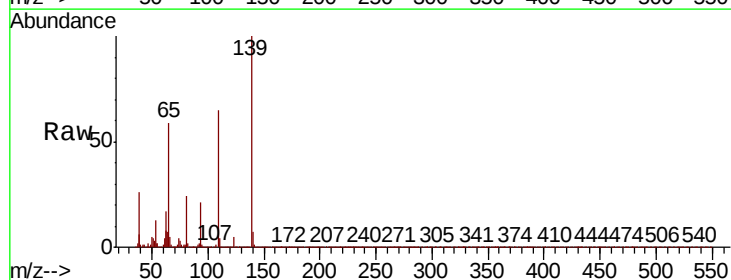
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

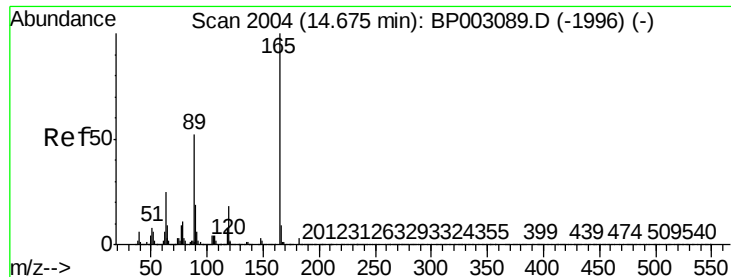
Tot Ion:168 Resp: 2505198
Ion Ratio Lower Upper
168 100
139 37.2 29.3 43.9
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 104.370 ng
RT: 14.53 min Scan# 1980
Delta R.T. 0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion:139 Resp: 803428
Ion Ratio Lower Upper
139 100
109 65.3 42.8 82.8
65 59.4 41.7 81.7

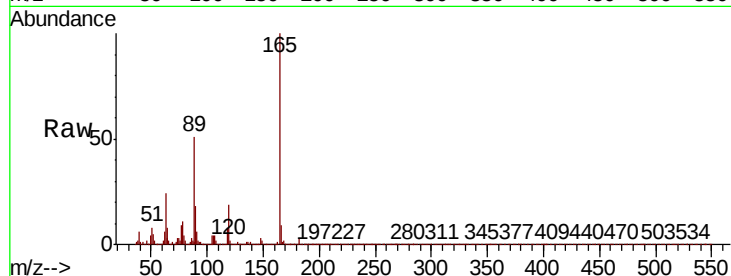




#57
2,4-Dinitrotoluene
Concen: 52.971 ng
RT: 14.67 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

Tot Ion:165	Resp: 672643
Ion Ratio	Lower Upper
165 100	
63 24.4	20.3 30.5
89 51.5	42.0 63.0
182 2.9	2.3 3.5

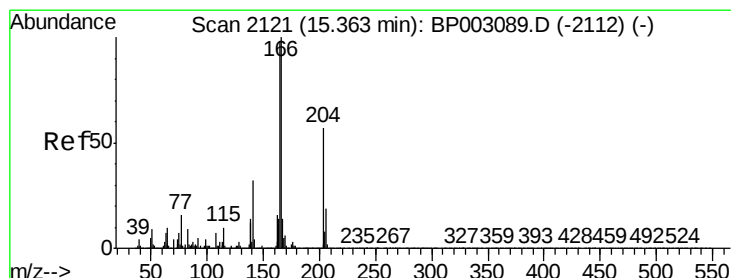
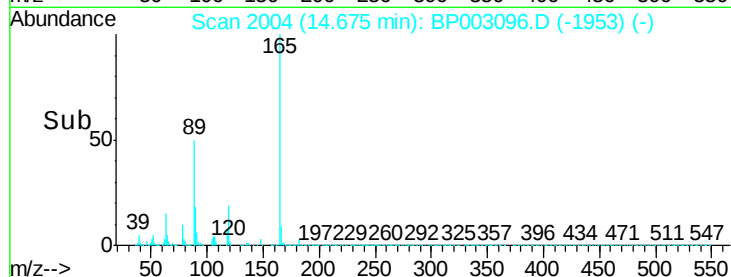
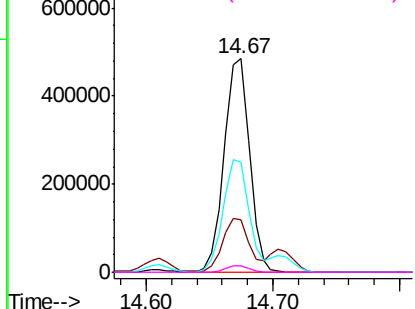


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

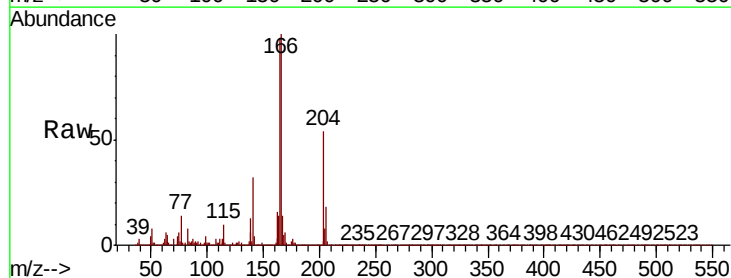
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.865 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

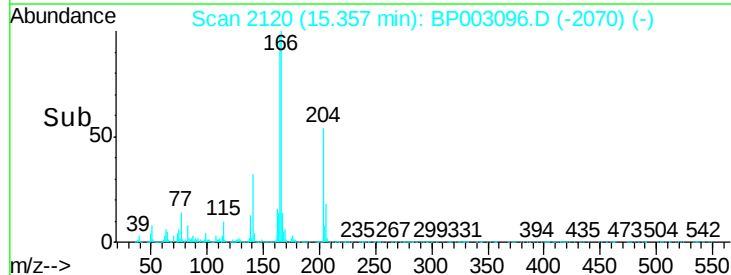
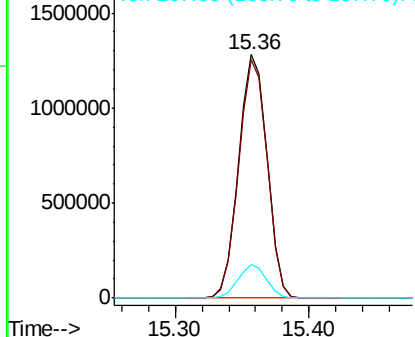
Tgt	Ion:166	Resp:	1885834
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.3	117.5
167	13.9	11.0	16.4

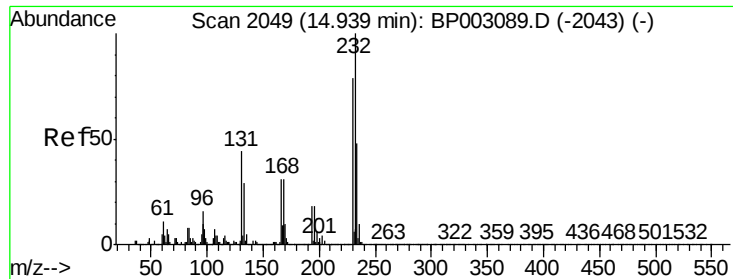


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 52.901 ng

RT: 14.94 min Scan# 2049

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

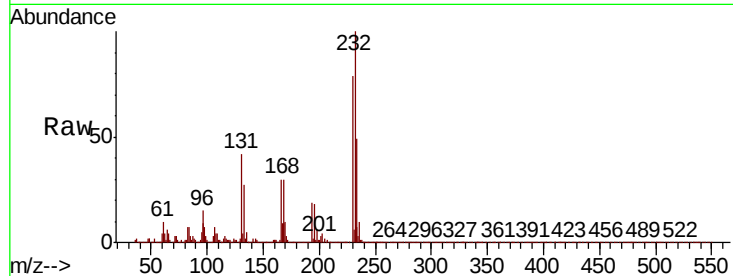
BNA_P

ClientSampleId :

OR-03-082020MSD

Tot Ion:232 Resp: 587926

Ion	Ratio	Lower	Upper
232	100		
131	42.5	34.3	51.5
130	2.1	1.8	2.6
166	30.3	24.2	36.2

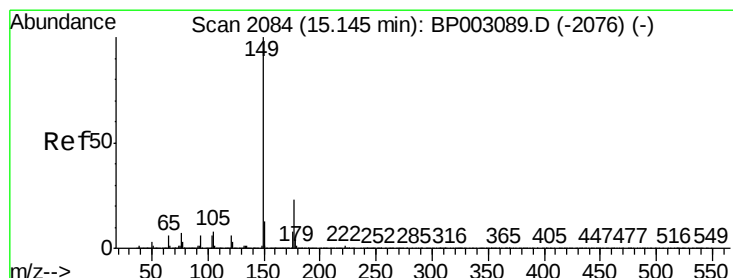
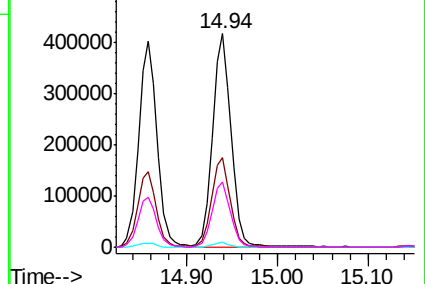
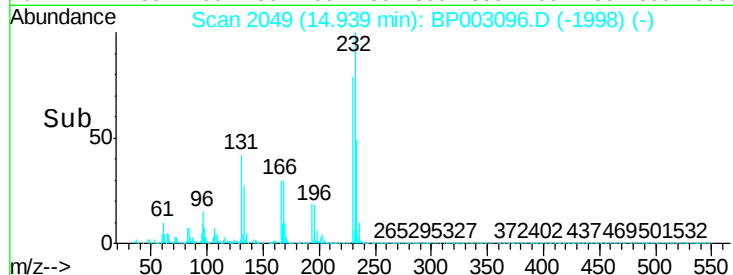


Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.762 ng

RT: 15.15 min Scan# 2084

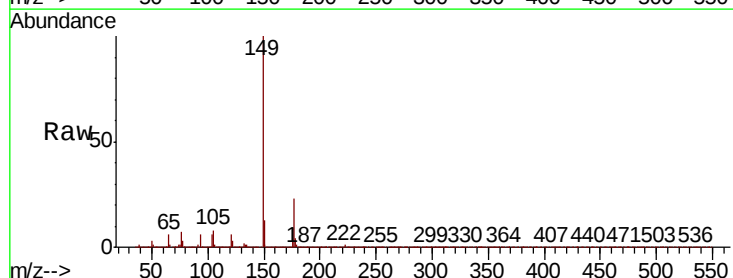
Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Tgt Ion:149 Resp: 2218476

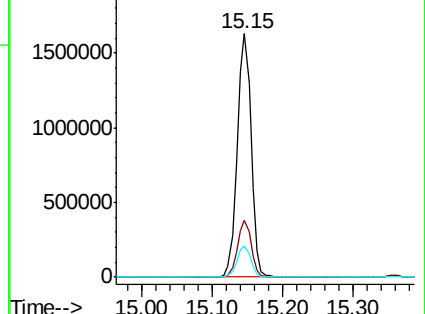
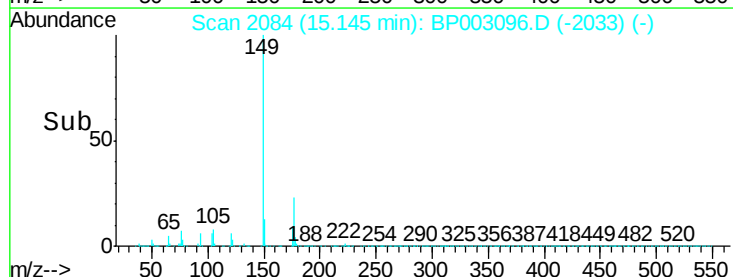
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.1	27.1
150	12.7	10.2	15.4



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

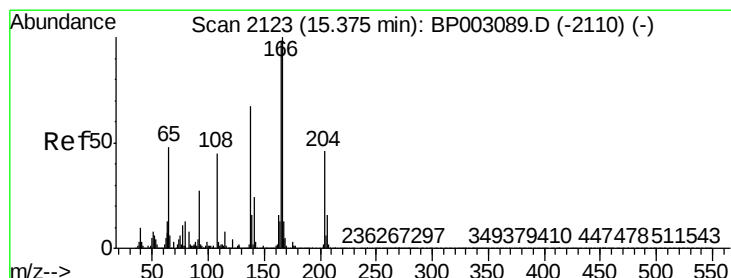
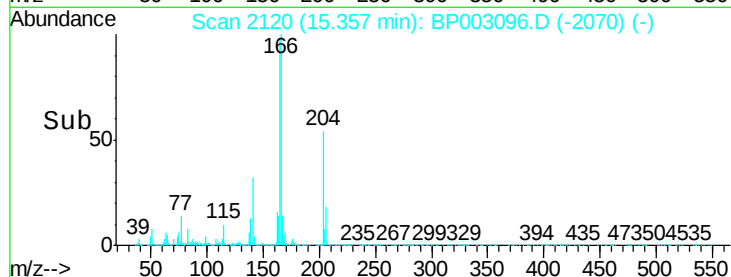
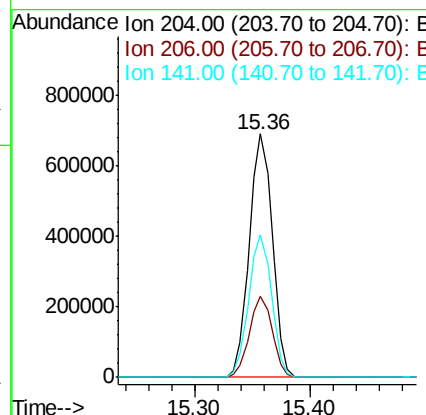
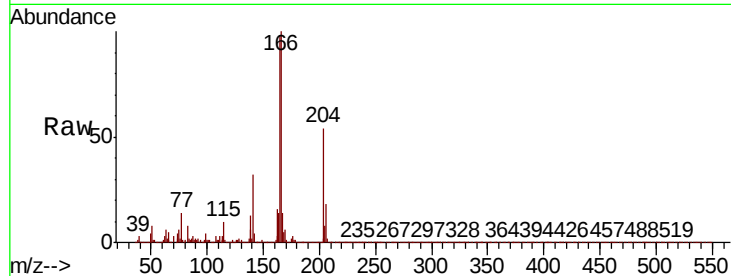




#61
4-Chlorophenyl-phenylether
Concen: 45.357 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

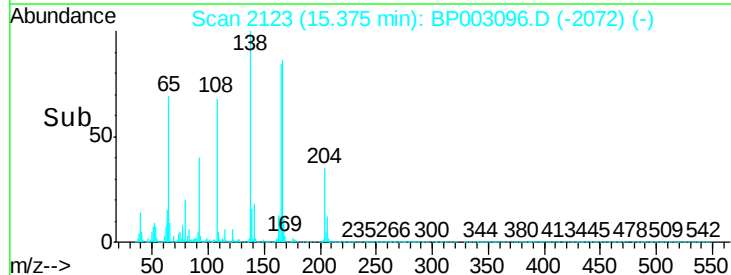
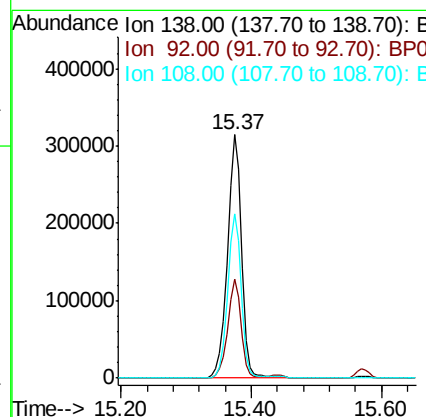
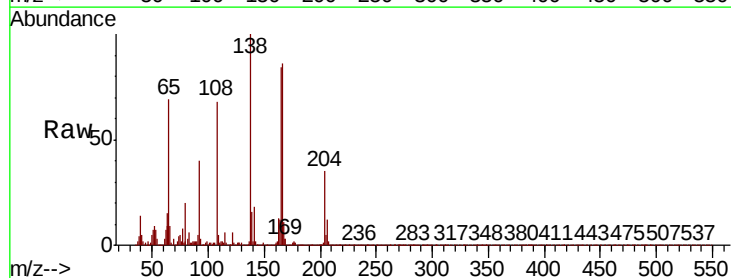
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

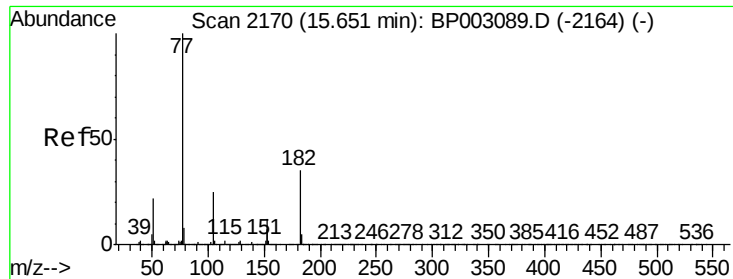
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	58.5	45.5	68.3



#62
4-Nitroaniline
Concen: 42.842 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	40.5	21.1	61.1
108	67.7	46.6	86.6



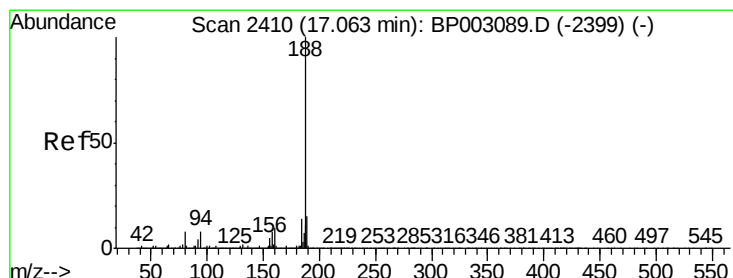
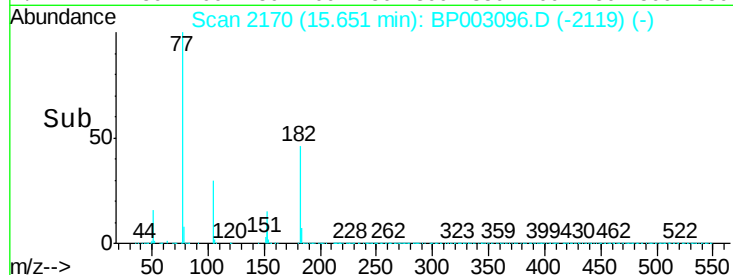
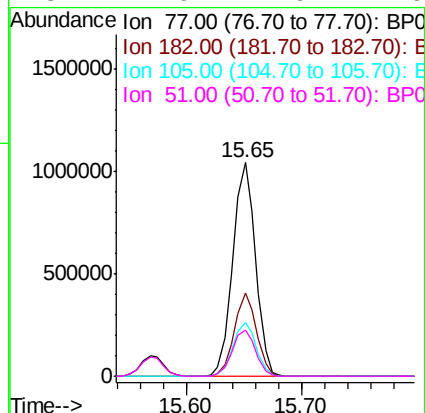
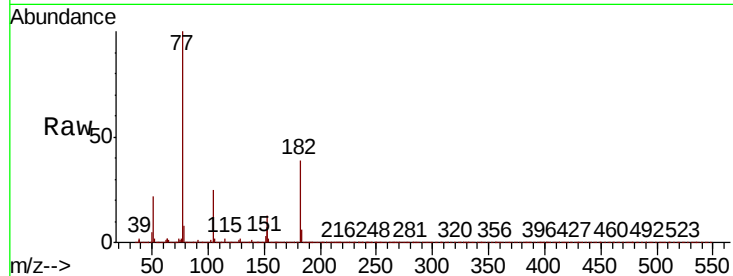


#63
Azobenzene
Concen: 47.817 ng
RT: 15.65 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

Tot Ion: 77 Resp: 1414834

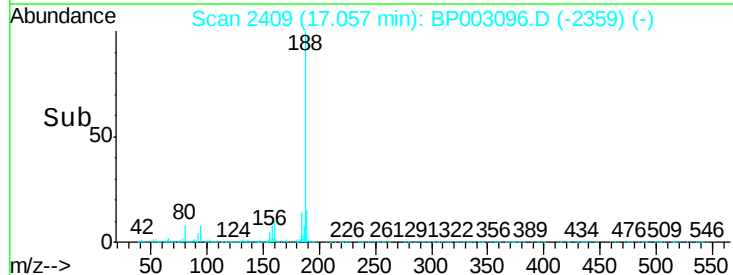
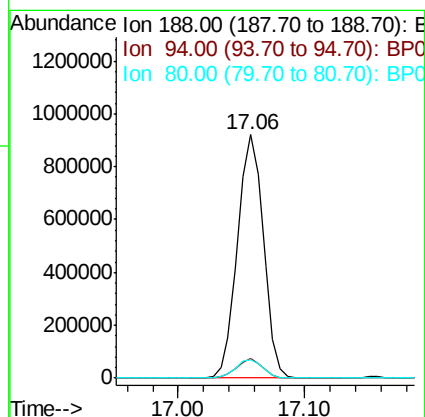
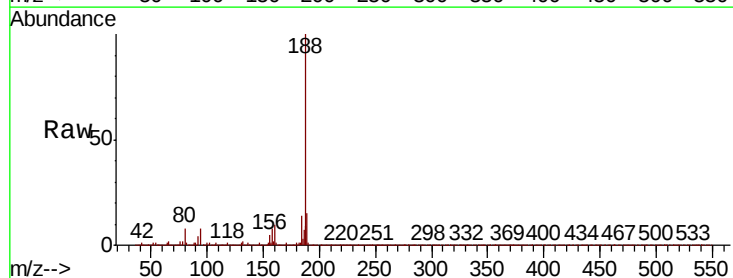
Ion	Ratio	Lower	Upper
77	100		
182	38.9	15.4	55.4
105	25.3	5.1	45.1
51	21.9	1.9	41.9

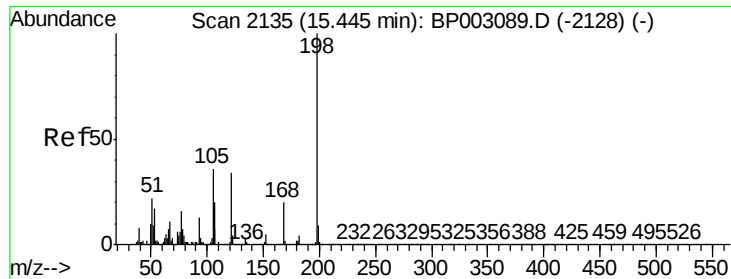


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion: 188 Resp: 1302416

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.2	9.4
80	7.7	6.4	9.6





#65

4,6-Dinitro-2-methylphenol

Concen: 50.689 ng

RT: 15.44 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

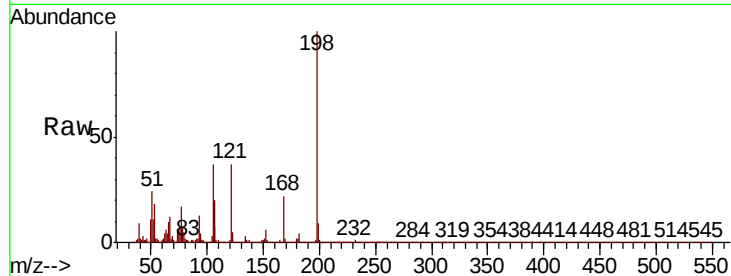
Tot Ion:198 Resp: 315723

Ion Ratio Lower Upper

198 100

51 24.0 2.4 42.4

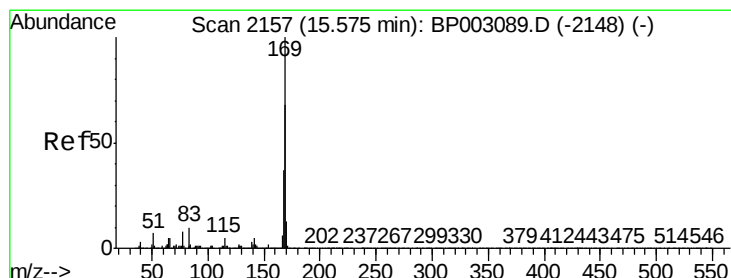
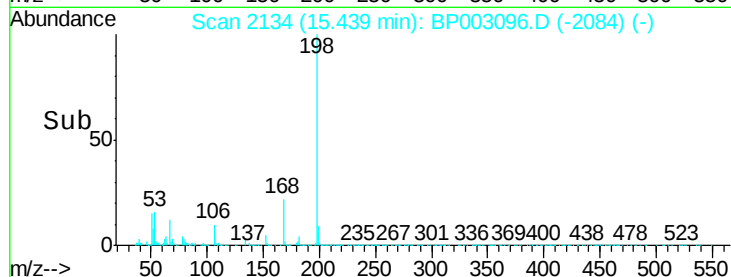
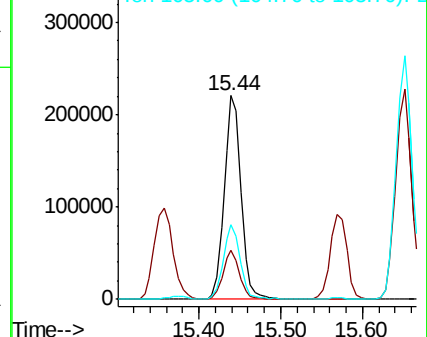
105 36.8 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.485 ng

RT: 15.57 min Scan# 2157

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

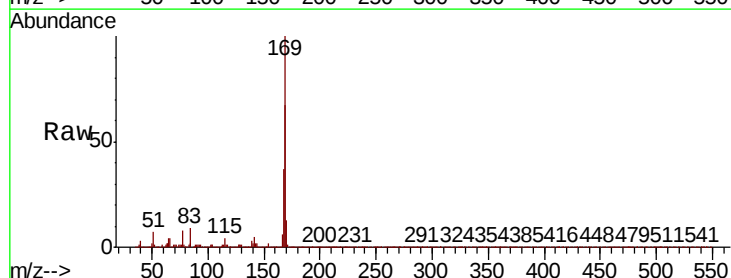
Tgt Ion:169 Resp: 1808382

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.4

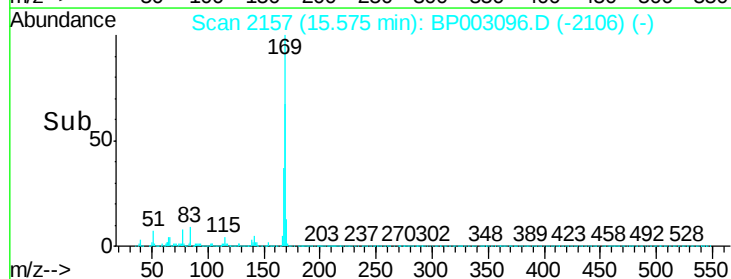
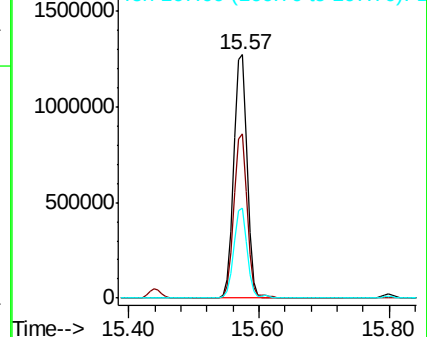
167 36.7 29.4 44.2

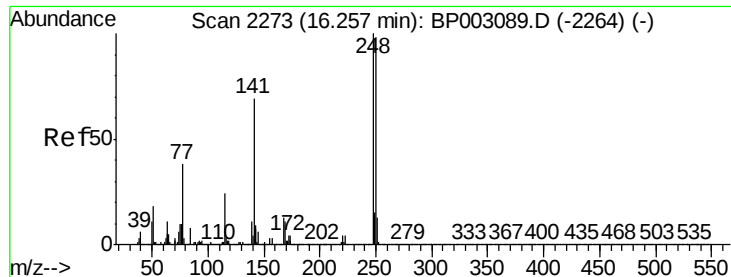


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

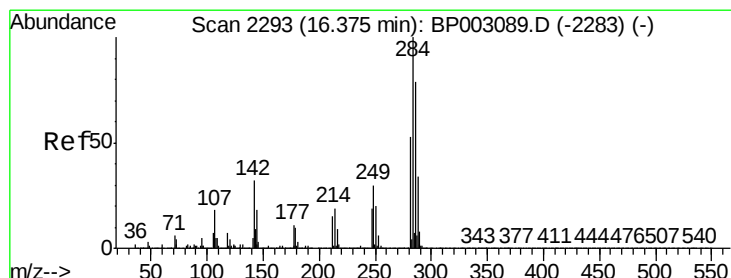
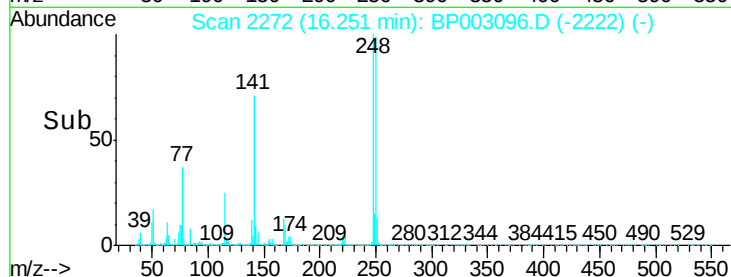
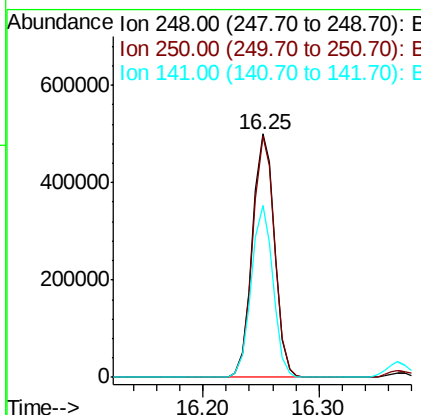
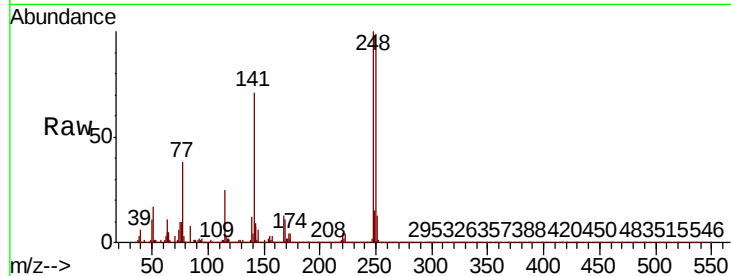




#67
4-Bromophenyl-phenylether
Concen: 46.721 ng
RT: 16.25 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

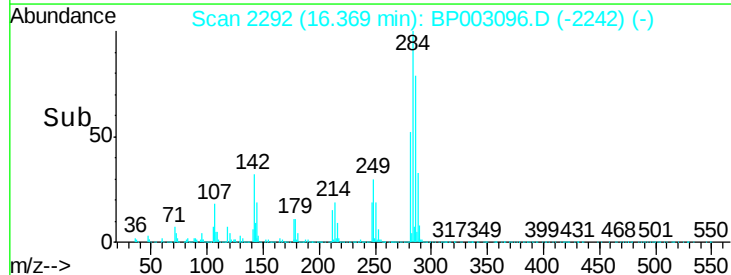
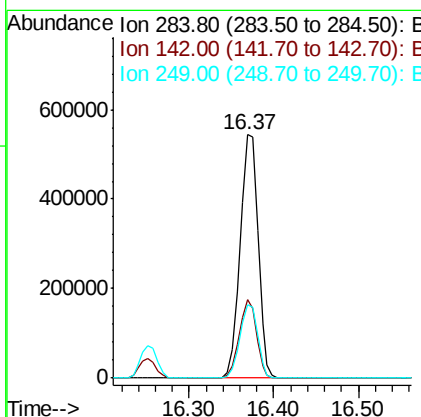
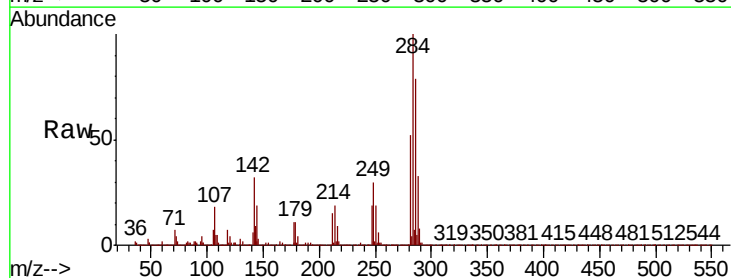
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

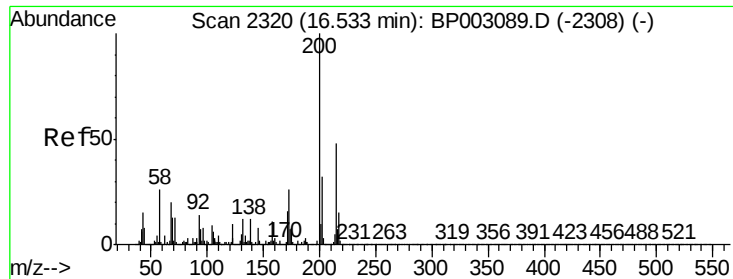
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	78.3	117.5
141	70.8	54.9	82.3



#68
Hexachlorobenzene
Concen: 46.093 ng
RT: 16.37 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.8	38.6
249	30.3	24.3	36.5





#69

Atrazine

Concen: 46.337 ng

RT: 16.53 min Scan# 2320

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

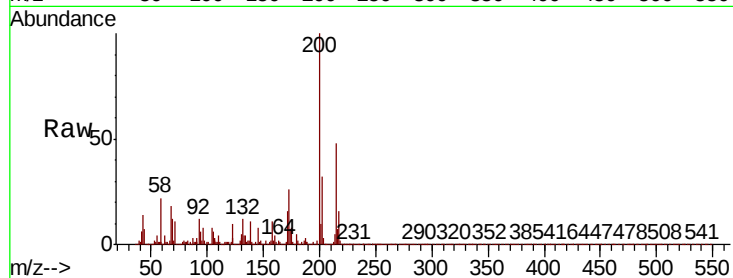
Tot Ion:200 Resp: 595178

Ion Ratio Lower Upper

200 100

173 26.0 6.3 46.3

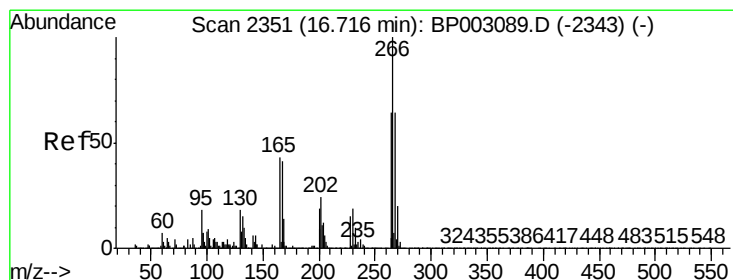
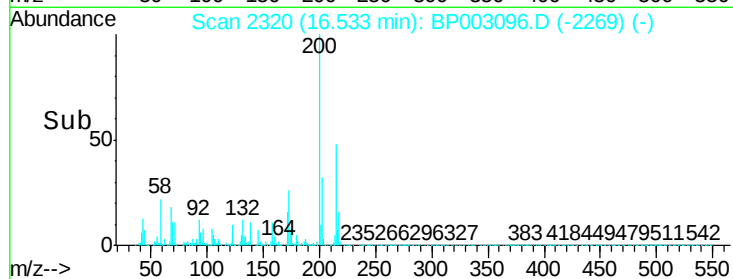
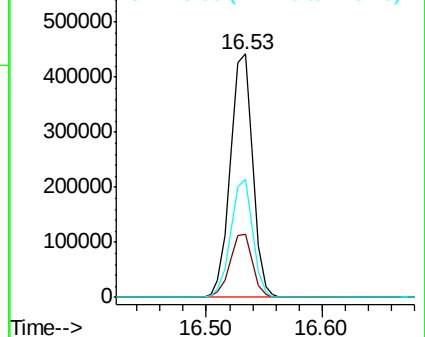
215 48.3 27.9 67.9



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: 123.506 ng

RT: 16.72 min Scan# 2351

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

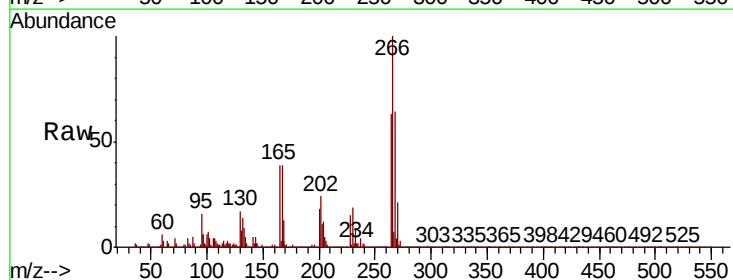
Tgt Ion:266 Resp: 1010715

Ion Ratio Lower Upper

266 100

268 63.7 51.3 76.9

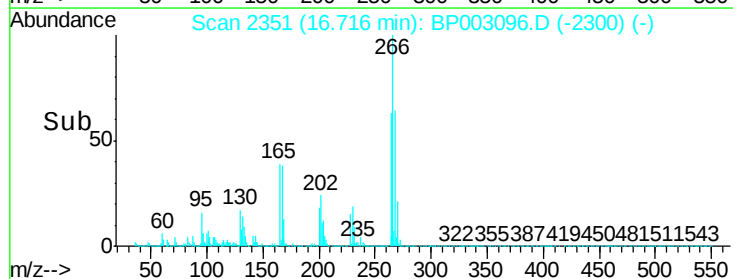
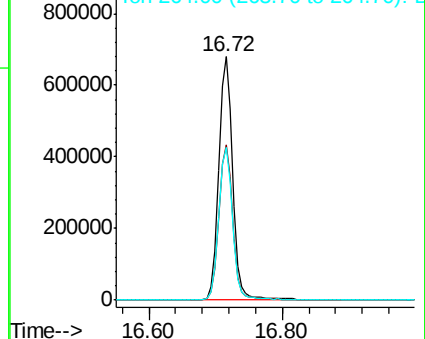
264 62.6 51.0 76.6

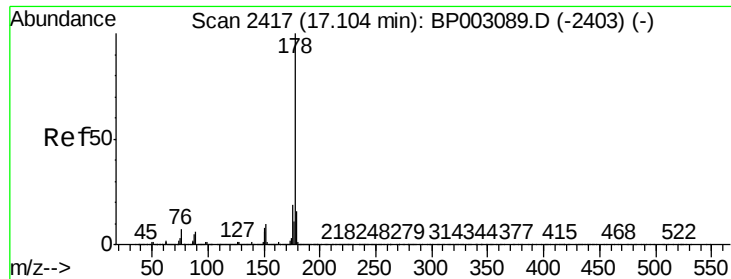


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

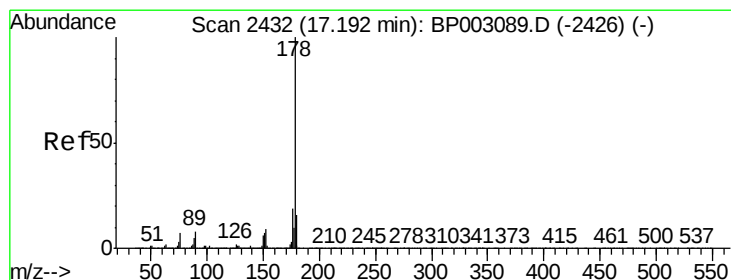
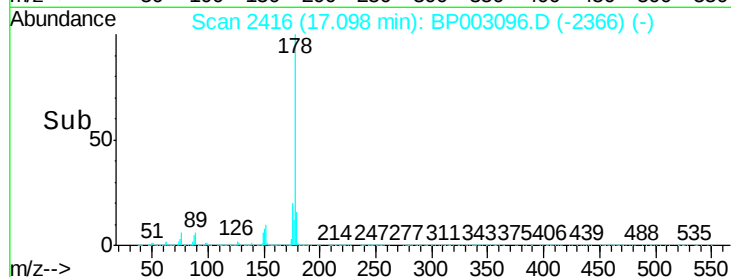
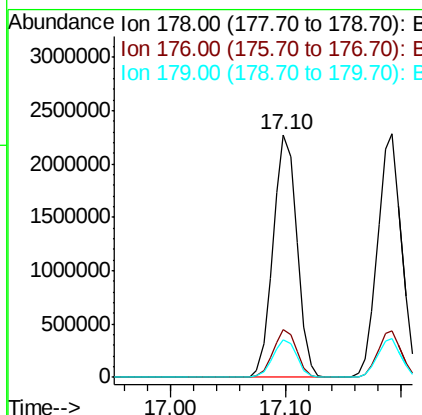
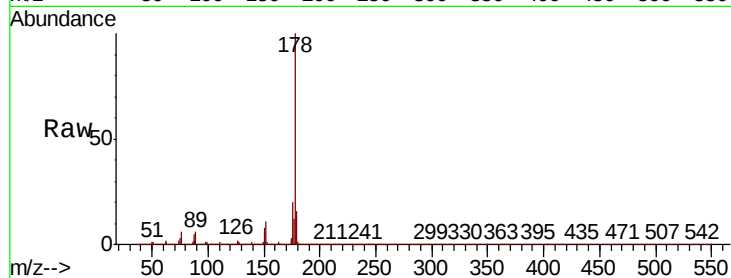




#71
Phenanthrene
Concen: 46.402 ng
RT: 17.10 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

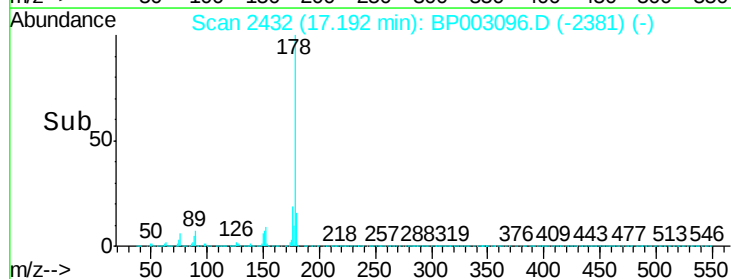
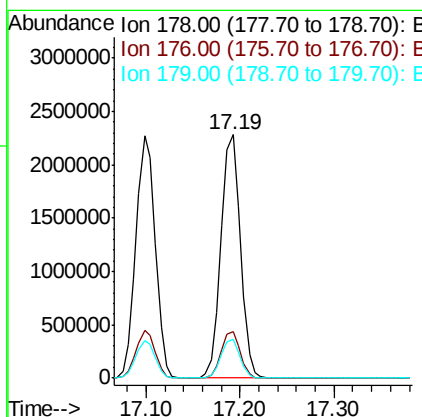
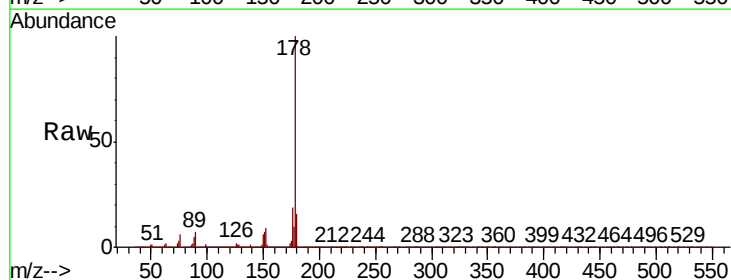
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

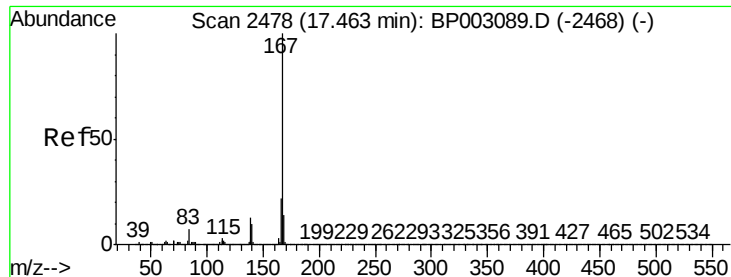
Tot Ion:178 Resp: 3274715
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.7 12.4 18.6



#72
Anthracene
Concen: 48.824 ng
RT: 17.19 min Scan# 2432
Delta R.T. 0.00 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion:178 Resp: 3297677
Ion Ratio Lower Upper
178 100
176 19.0 15.2 22.8
179 15.7 12.6 19.0



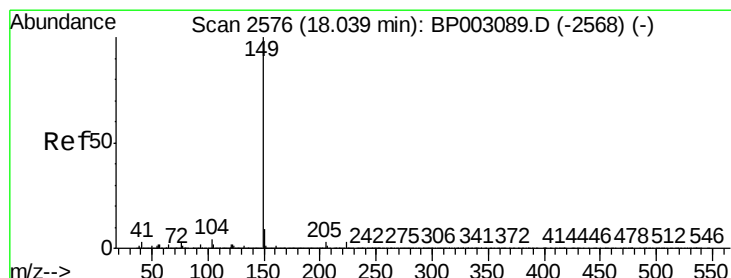
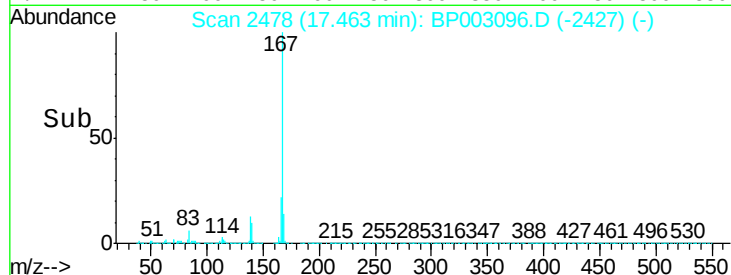
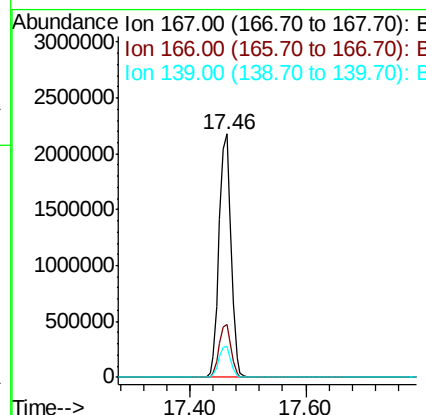
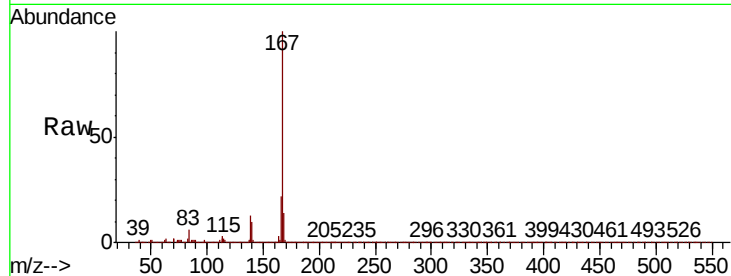


#73
 Carbazole
 Concen: 48.773 ng
 RT: 17.46 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BP003096.D
 Acq: 24 Aug 2020 17:54

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MSD

Tot Ion:167 Resp: 3161579

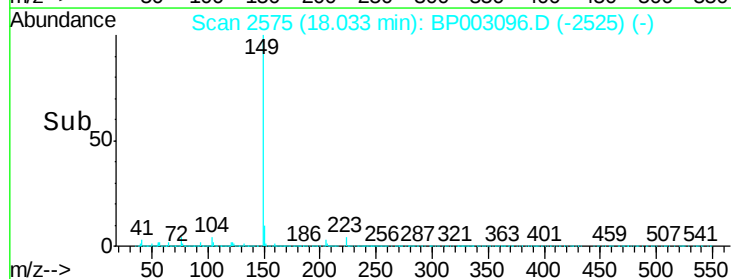
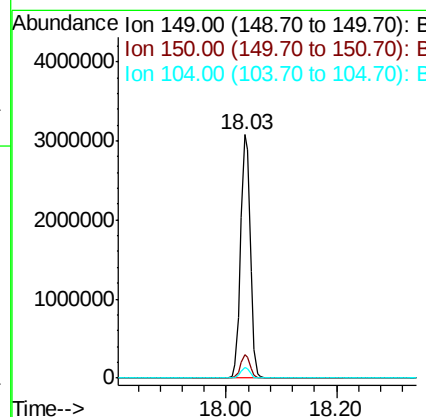
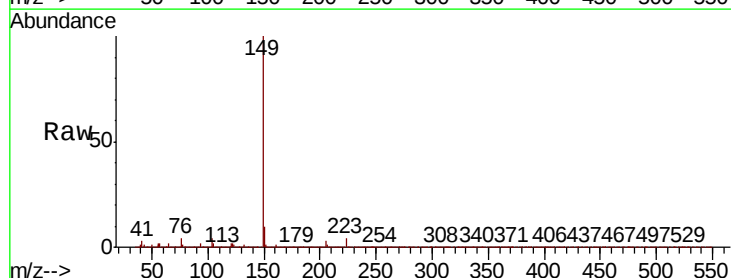
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.6	26.4
139	12.6	10.3	15.5

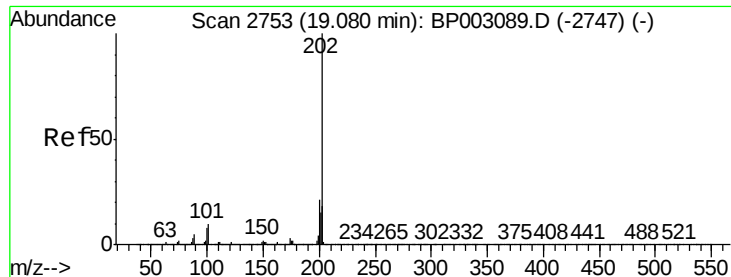


#74
 Di-n-butylphthalate
 Concen: 49.987 ng
 RT: 18.03 min Scan# 2575
 Delta R.T. -0.01 min
 Lab File: BP003096.D
 Acq: 24 Aug 2020 17:54

Tgt Ion:149 Resp: 3809085

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.5	11.3
104	4.4	3.3	4.9





#75

Fluoranthene

Concen: 48.701 ng

RT: 19.07 min Scan# 2752

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

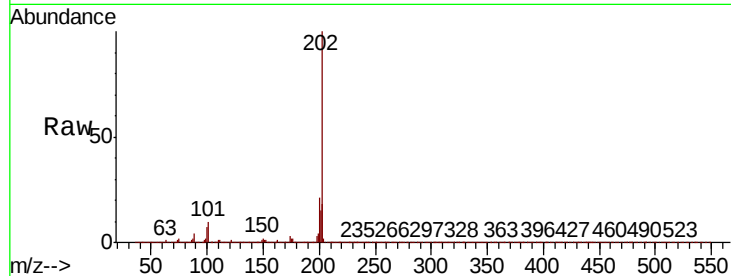
Tot Ion:202 Resp: 3972361

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.0

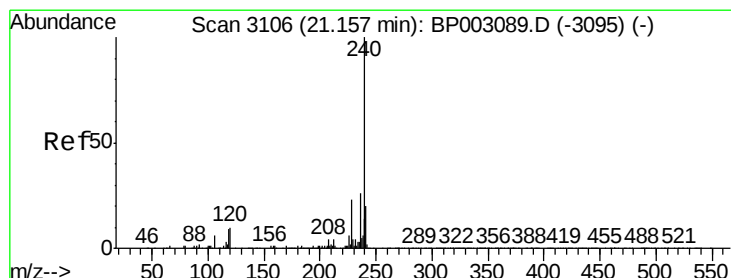
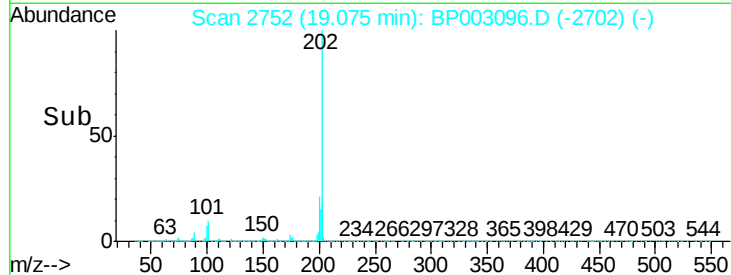
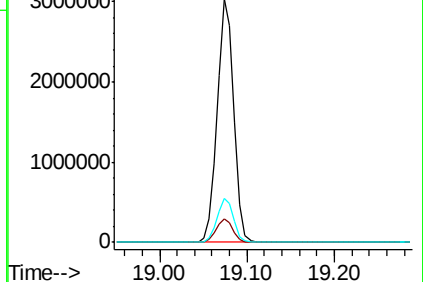
203 18.2 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

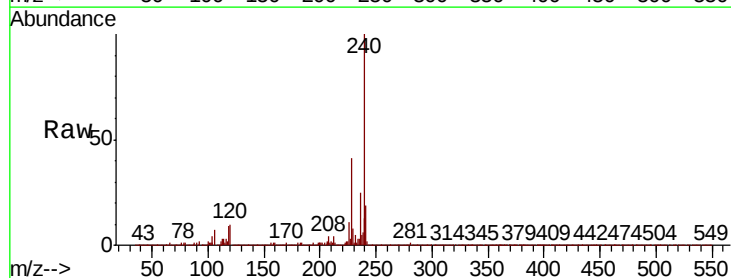
Tgt Ion:240 Resp: 1349627

Ion Ratio Lower Upper

240 100

120 10.1 8.4 12.6

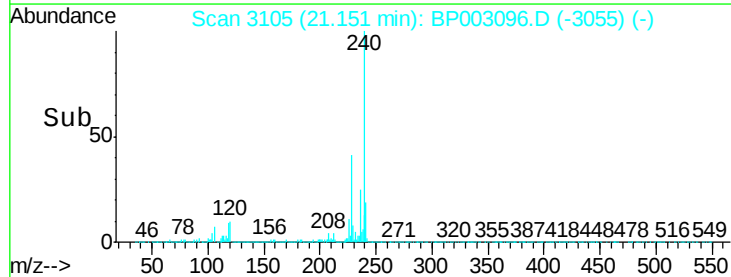
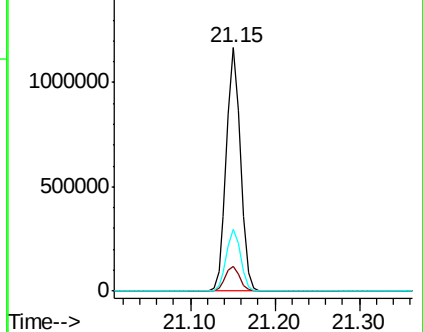
236 25.5 20.6 31.0

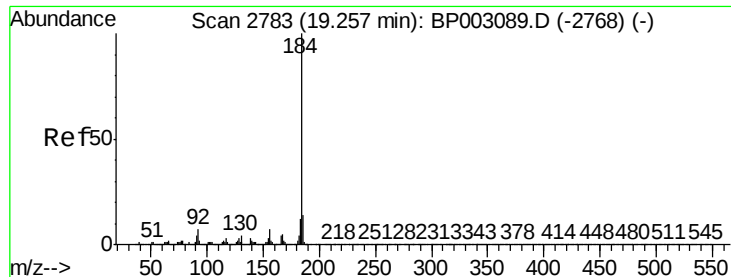


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.548 ng

RT: 19.25 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

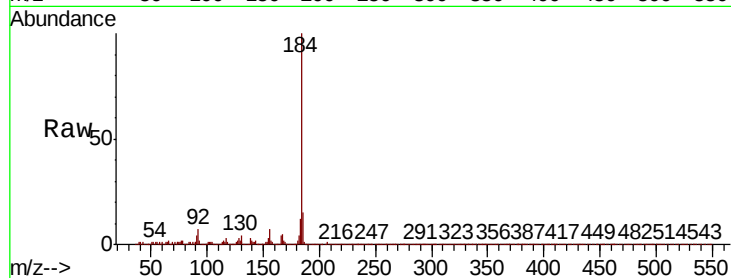
Tot Ion:184 Resp: 1065652

Ion	Ratio	Lower	Upper
184	100		
185	14.8	11.5	17.3
183	11.7	9.4	14.2

184 100

185 14.8 11.5 17.3

183 11.7 9.4 14.2

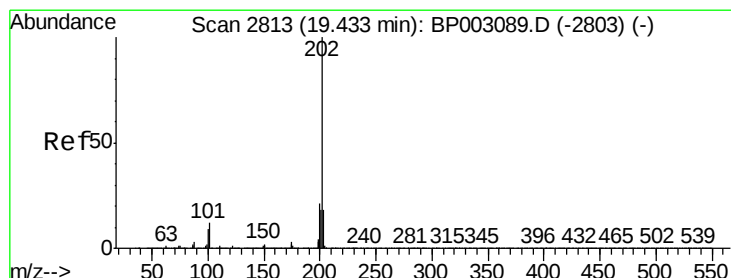
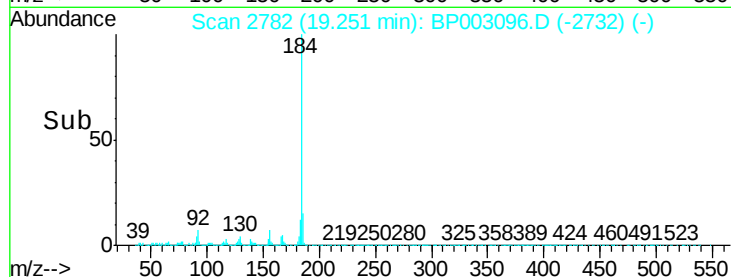
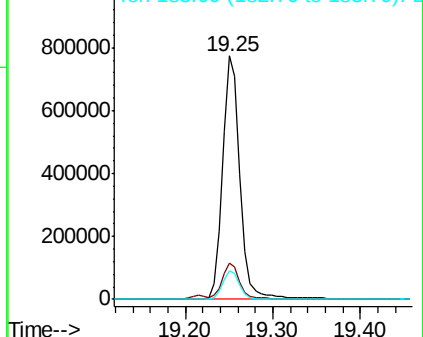


Abundance

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: 46.028 ng

RT: 19.43 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

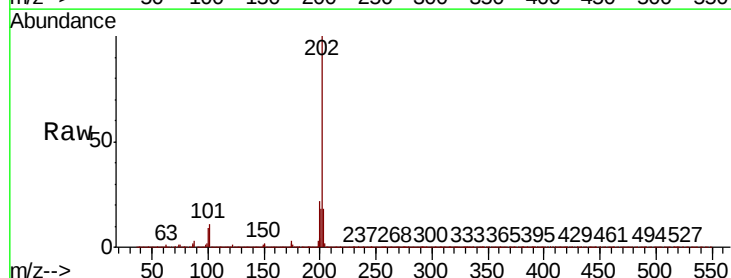
Tgt Ion:202 Resp: 4031779

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	18.1	14.0	21.0

202 100

200 21.9 17.0 25.4

203 18.1 14.0 21.0

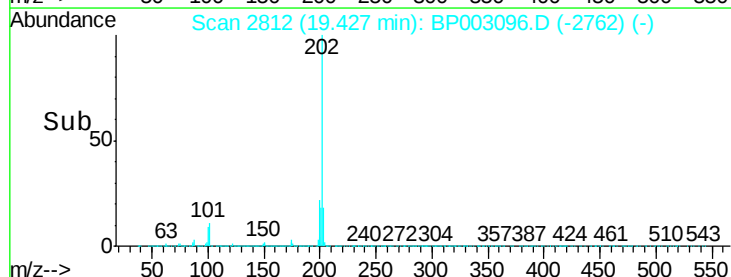
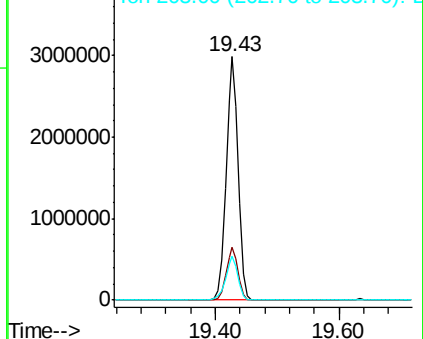


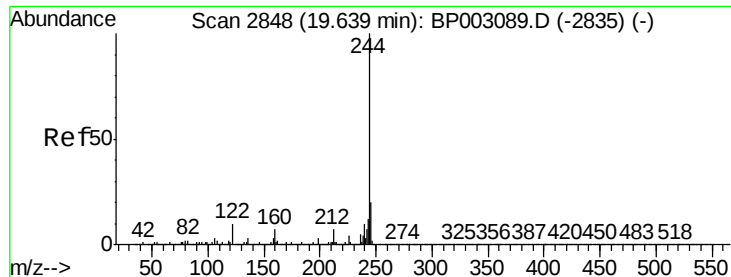
Abundance

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: 79.007 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

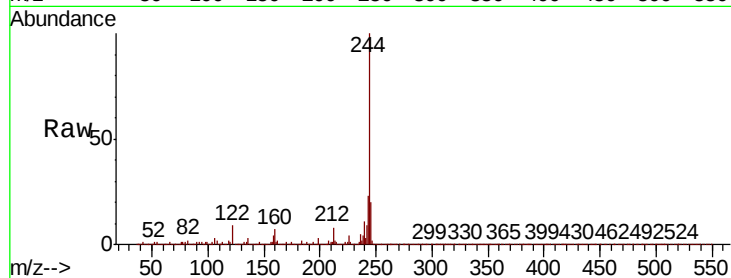
Tot Ion:244 Resp: 4845881

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

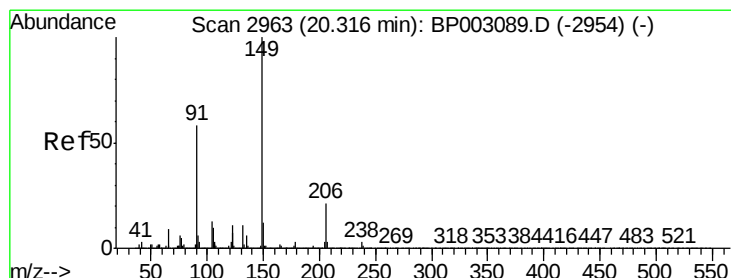
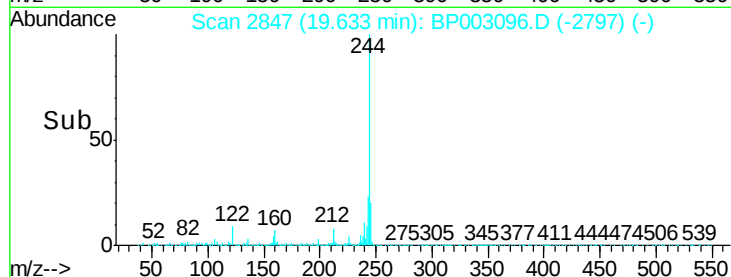
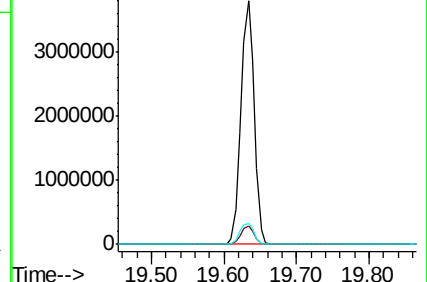
122 8.7 7.7 11.5



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: 51.099 ng

RT: 20.31 min Scan# 2962

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

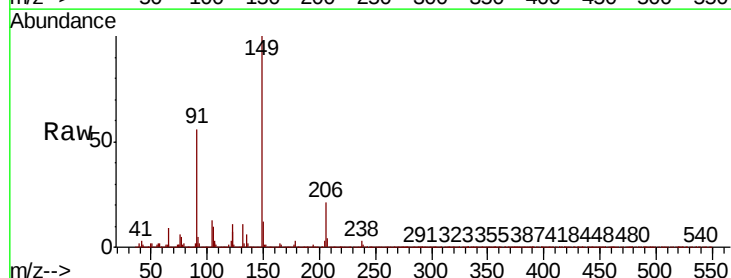
Tgt Ion:149 Resp: 1842933

Ion Ratio Lower Upper

149 100

91 55.7 46.8 70.2

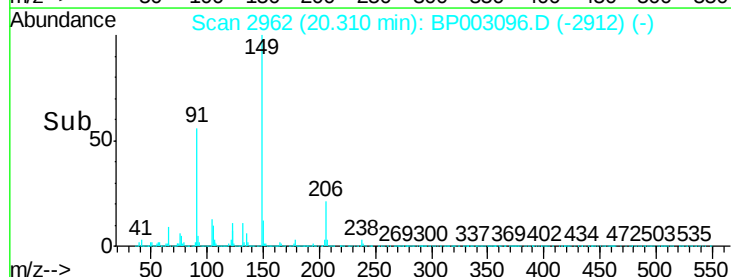
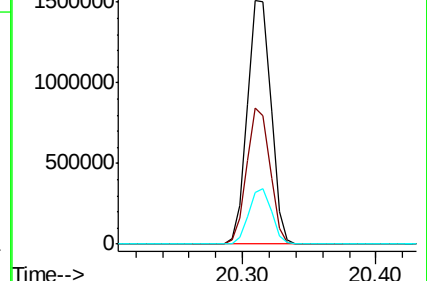
206 21.3 16.8 25.2



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

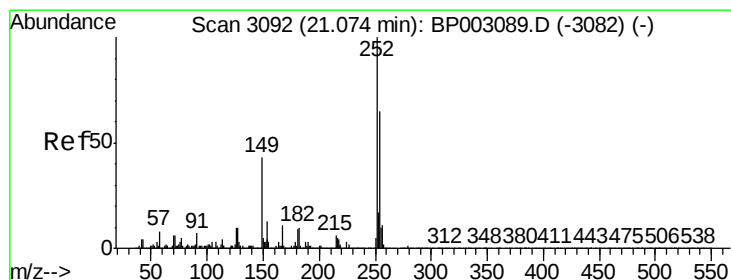
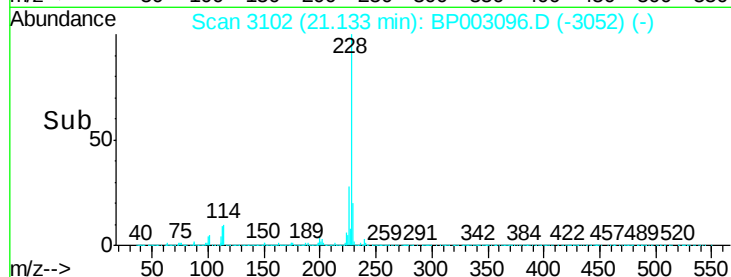
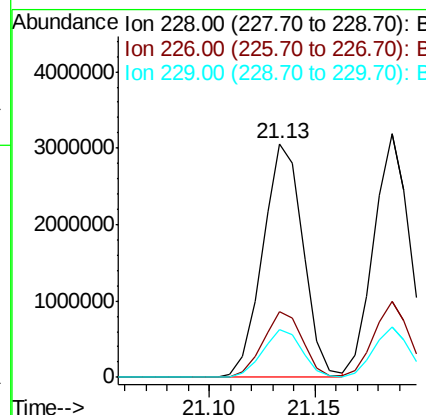
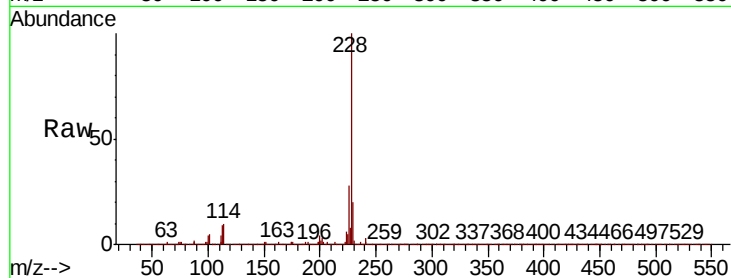




#81
Benzo(a)anthracene
Concen: 48.064 ng
RT: 21.13 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

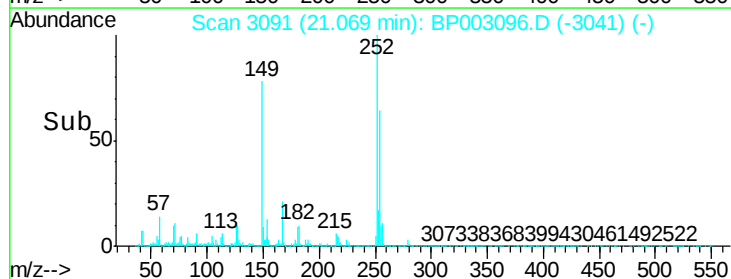
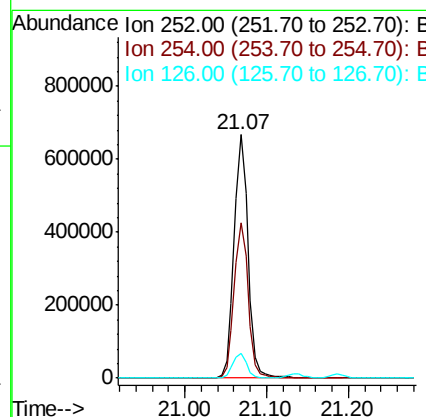
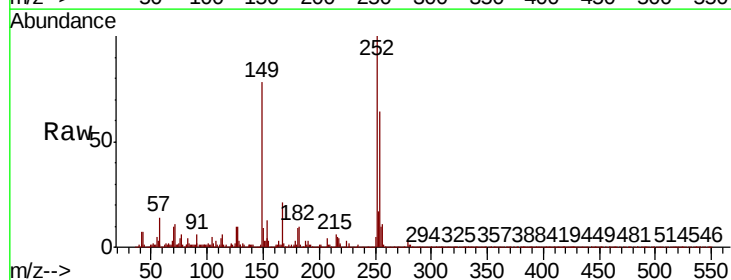
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

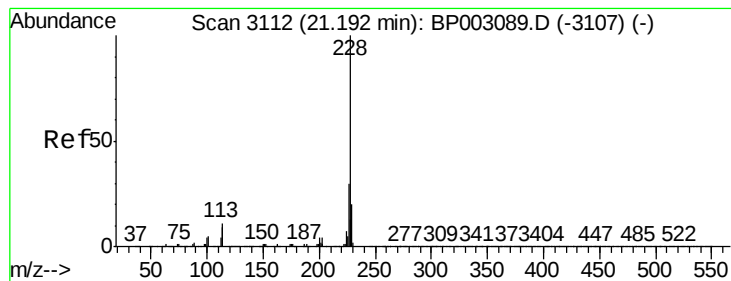
Tot Ion:228 Resp: 4063286
Ion Ratio Lower Upper
228 100
226 28.0 22.0 33.0
229 20.2 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 25.742 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP003096.D
Acq: 24 Aug 2020 17:54

Tgt Ion:252 Resp: 800479
Ion Ratio Lower Upper
252 100
254 64.0 51.9 77.9
126 10.0 8.4 12.6





#83

Chrysene

Concen: 46.832 ng

RT: 21.19 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

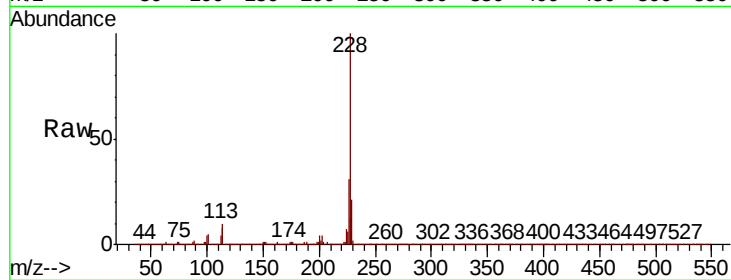
Tot Ion:228 Resp: 3790745

Ion Ratio Lower Upper

228 100

226 31.1 24.2 36.4

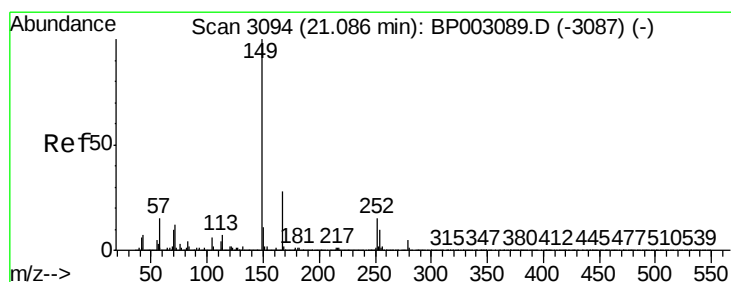
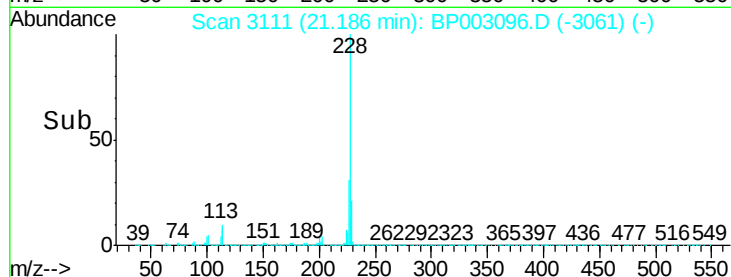
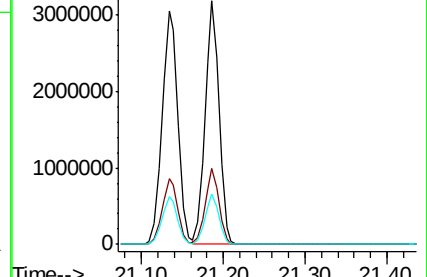
229 20.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.474 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

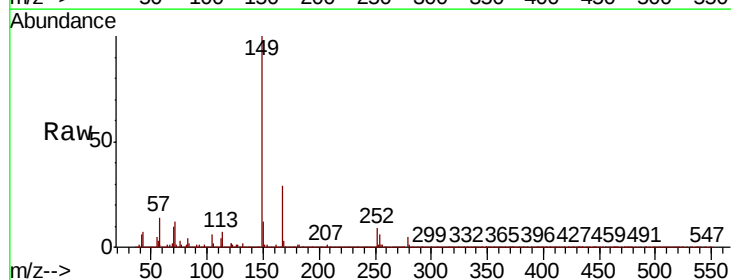
Tgt Ion:149 Resp: 2628905

Ion Ratio Lower Upper

149 100

167 29.0 22.5 33.7

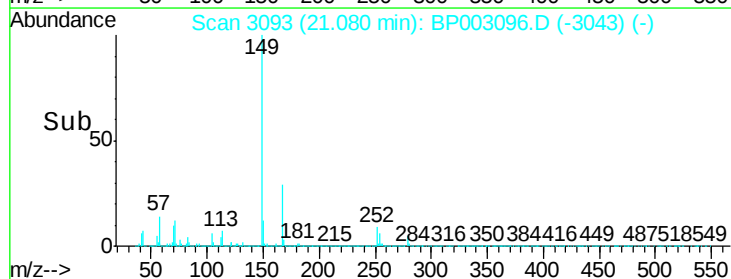
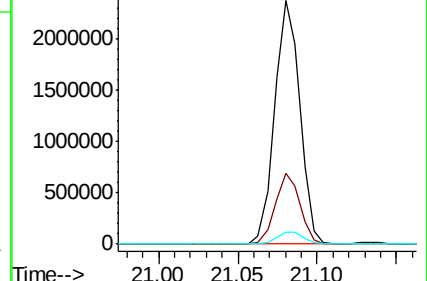
279 5.1 3.8 5.8

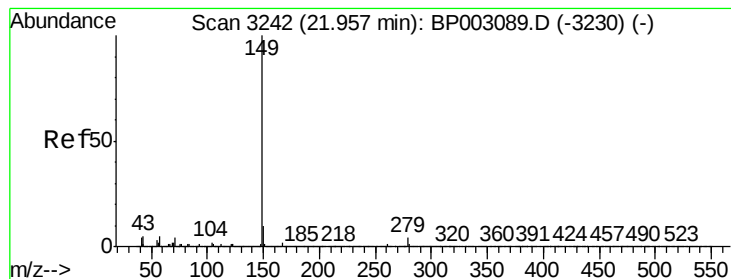


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 52.480 ng

RT: 21.95 min Scan# 3241

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

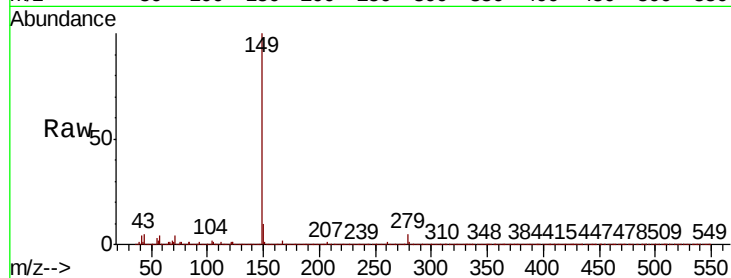
Tot Ion:149 Resp: 4686437

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

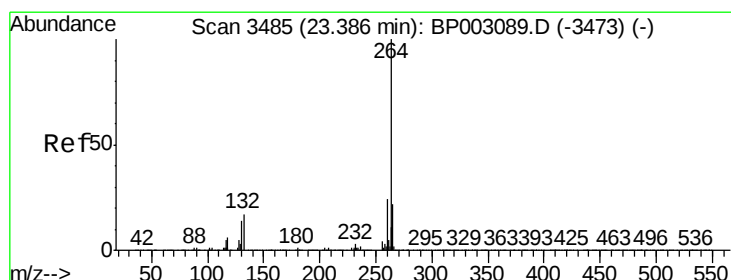
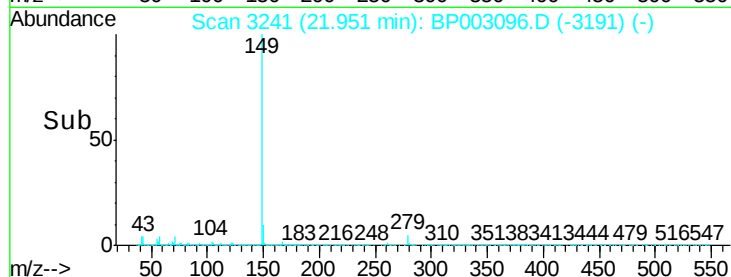
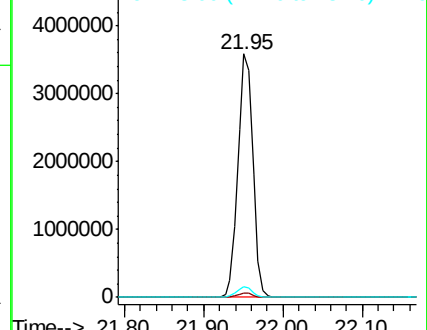
43 4.4 3.8 5.6



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: 23.38 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

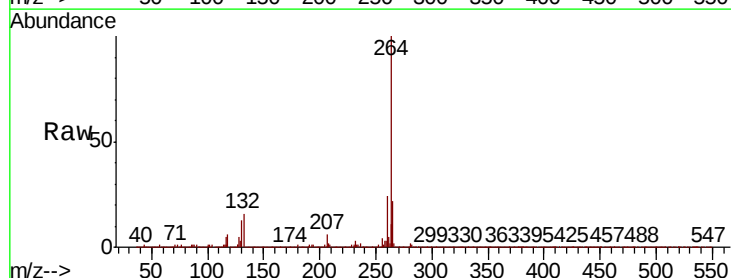
Tgt Ion:264 Resp: 1566355

Ion Ratio Lower Upper

264 100

260 23.8 19.0 28.6

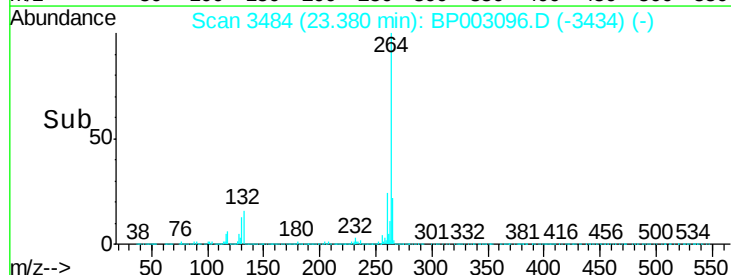
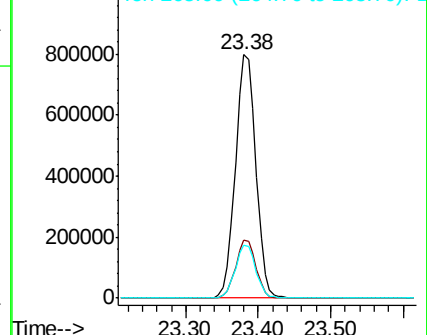
265 21.8 17.7 26.5

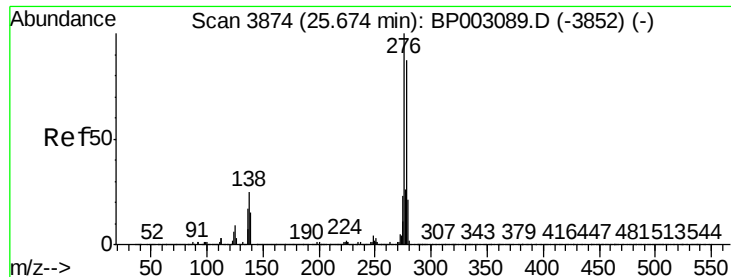


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

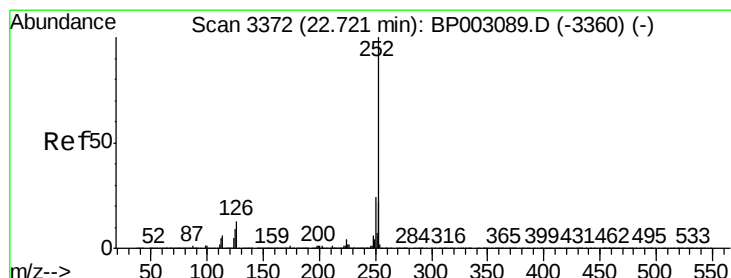
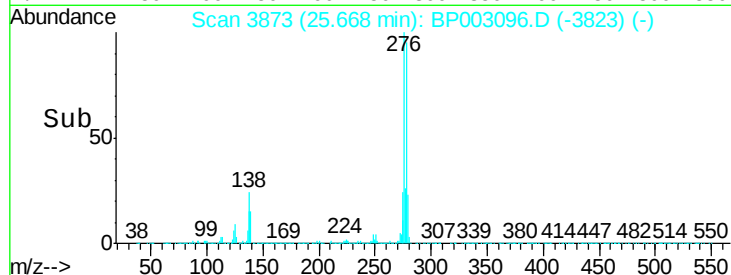
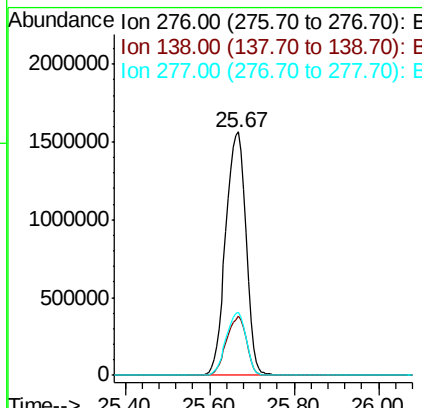
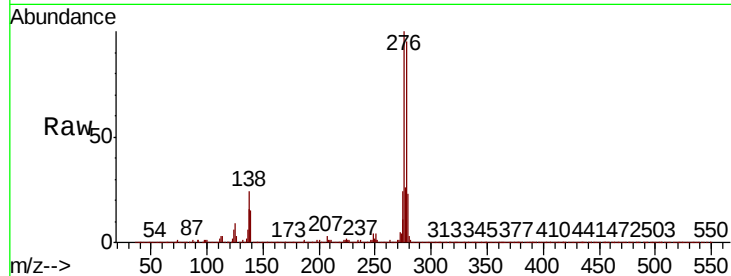




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.499 ng
 RT: 25.67 min Scan# 3873
 Delta R.T. -0.01 min
 Lab File: BP003096.D
 Acq: 24 Aug 2020 17:54

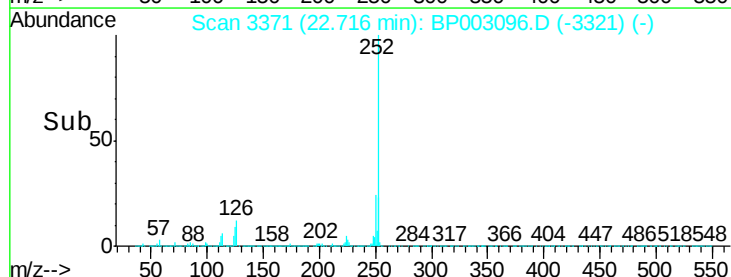
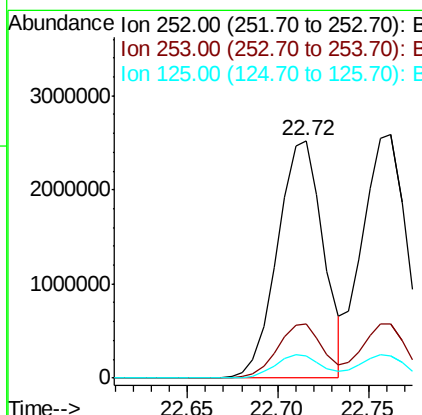
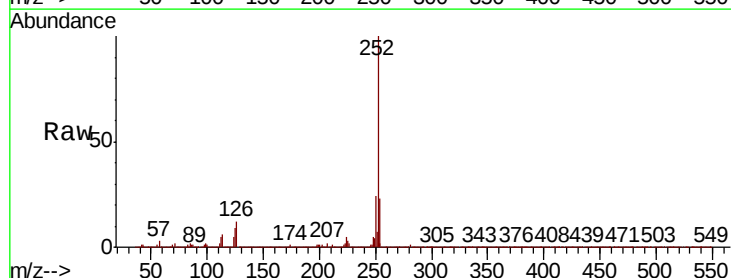
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MSD

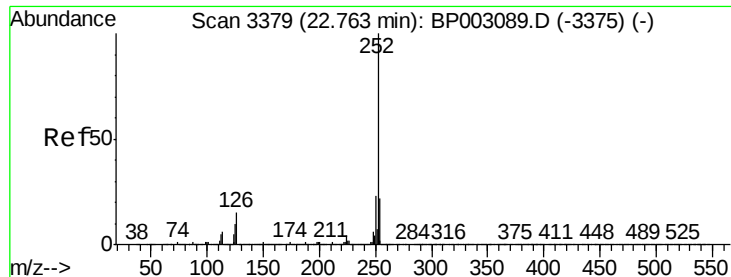
Tot Ion:276 Resp: 5197945
 Ion Ratio Lower Upper
 276 100
 138 23.9 20.2 30.4
 277 25.6 20.4 30.6



#88
 Benzo(b)fluoranthene
 Concen: 45.790 ng
 RT: 22.72 min Scan# 3371
 Delta R.T. -0.01 min
 Lab File: BP003096.D
 Acq: 24 Aug 2020 17:54

Tgt Ion:252 Resp: 4457819
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.5 26.3
 125 9.3 7.6 11.4





#89

Benzo(k)fluoranthene

Concen: 47.183 ng

RT: 22.76 min Scan# 3379

Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

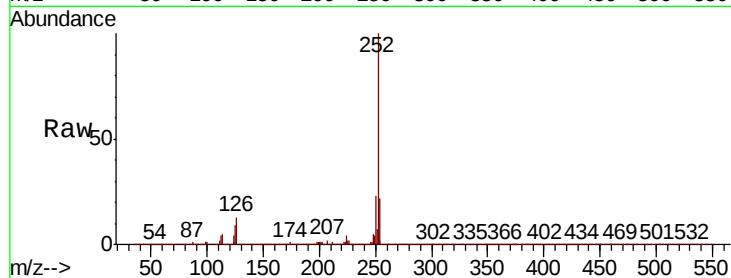
Tot Ion:252 Resp: 4388761

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

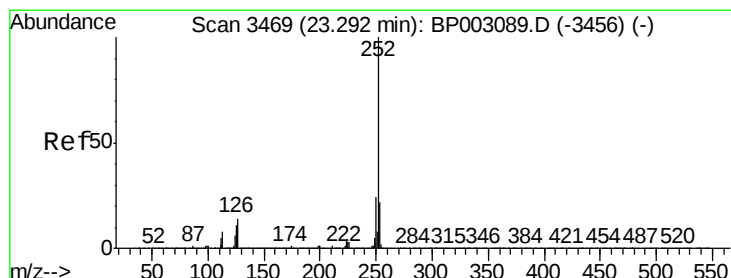
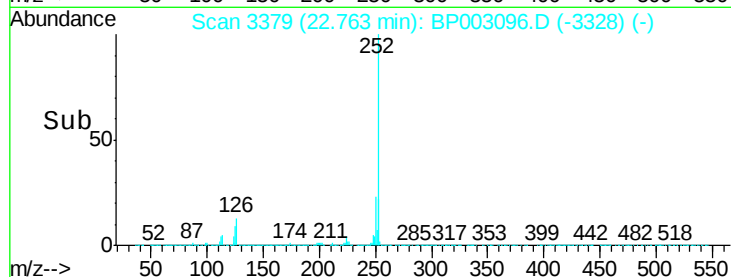
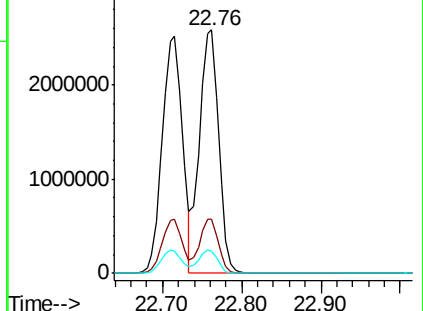
125 9.1 8.0 12.0



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: 45.736 ng

RT: 23.29 min Scan# 3468

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

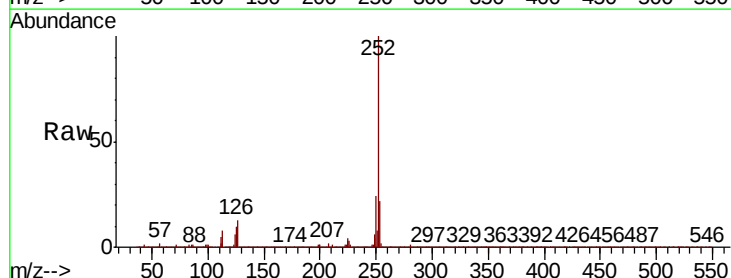
Tgt Ion:252 Resp: 4130772

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

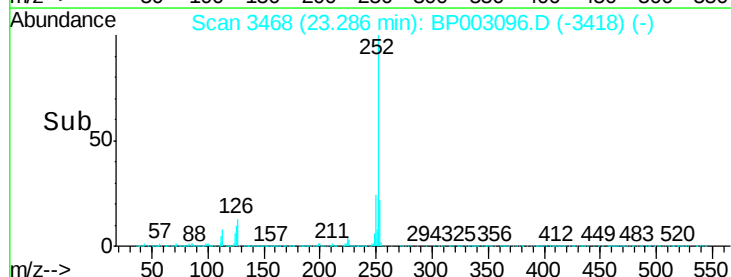
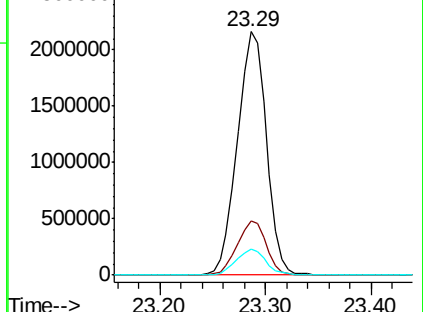
125 10.4 8.8 13.2

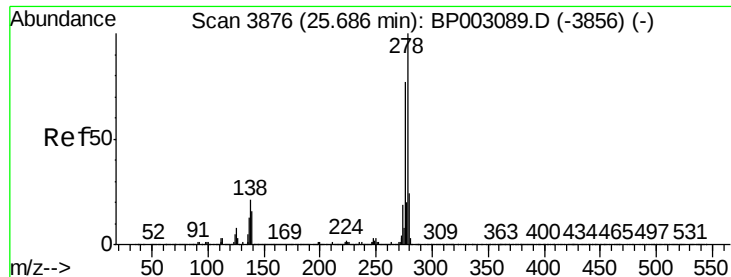


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.178 ng

RT: 25.67 min Scan# 3874

Delta R.T. -0.01 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Instrument :

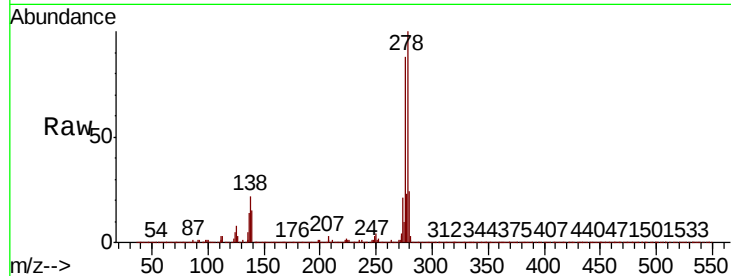
BNA_P

ClientSampleId :

OR-03-082020MSD

Tot Ion:278 Resp: 4335169

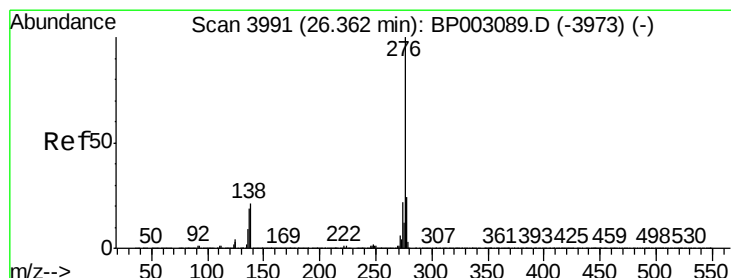
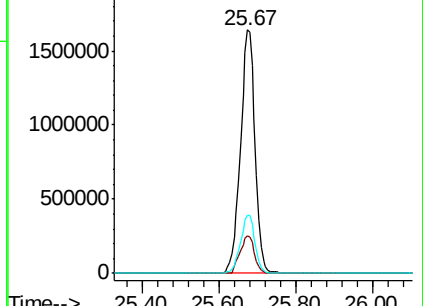
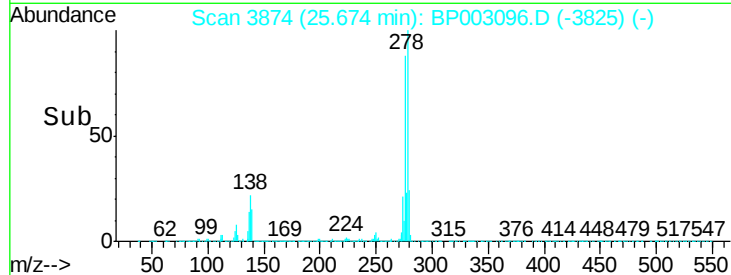
Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.8	19.2
279	24.0	19.0	28.6



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: 45.517 ng

RT: 26.36 min Scan# 3991

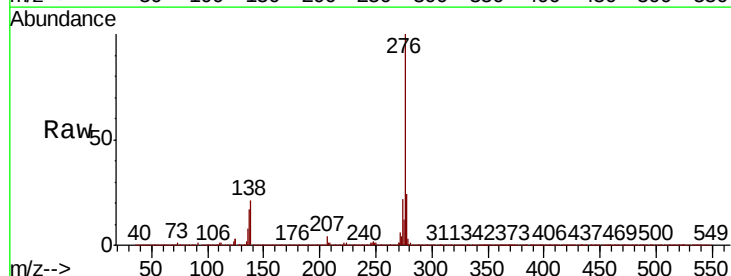
Delta R.T. 0.00 min

Lab File: BP003096.D

Acq: 24 Aug 2020 17:54

Tgt Ion:276 Resp: 4383182

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.4	29.2
138	20.5	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

