

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003083.D
 Acq On : 21 Aug 2020 19:07
 Operator : CG/JU
 Sample : L3506-10MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

Quant Time: Aug 22 00:28:14 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	249987	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1069640	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	675762	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1348450	20.00	ng	-0.01
76) Chrysene-d12	21.17	240	1517740	20.00	ng	0.00
86) Perylene-d12	23.41	264	1900164	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1768379	108.27	ng	0.00
7) Phenol-d6	6.86	99	1984352	87.50	ng	0.00
23) Nitrobenzene-d5	8.83	82	1357411	68.73	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1140756	135.82	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3795861	76.75	ng	-0.01
79) Terphenyl-d14	19.65	244	5324847	70.24	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	195028	27.816	ng	# 61
3) Pyridine	3.62	79	420635	21.533	ng	99
4) n-Nitrosodimethylamine	3.53	42	173784	30.286	ng	100
6) Aniline	7.01	93	657991	25.009	ng	100
8) 2-Chlorophenol	7.25	128	854349	49.057	ng	98
9) Benzaldehyde	6.82	77	353769	29.300	ng	98
10) Phenol	6.89	94	783296	34.297	ng	96
11) bis(2-Chloroethyl)ether	7.10	93	654254	37.244	ng	99
12) 1,3-Dichlorobenzene	7.57	146	871881	44.356	ng	99
13) 1,4-Dichlorobenzene	7.71	146	891285	44.859	ng	100
14) 1,2-Dichlorobenzene	8.03	146	861669	45.477	ng	99
15) Benzyl Alcohol	7.92	79	579282	38.715	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	526448	31.899	ng	99
17) 2-Methylphenol	8.13	107	643233	44.074	ng	99
18) Hexachloroethane	8.75	117	291725	42.096	ng	97
19) n-Nitroso-di-n-propylamine	8.49	70	423299	32.396	ng	99
20) 3+4-Methylphenols	8.45	107	876607	44.567	ng	99
22) Acetophenone	8.49	105	1085107	35.955	ng	# 97
24) Nitrobenzene	8.87	77	695211	32.425	ng	97
25) Isophorone	9.39	82	1377168	32.460	ng	99
26) 2-Nitrophenol	9.58	139	454685	50.542	ng	98
27) 2,4-Dimethylphenol	9.65	122	770758	45.618	ng	99
28) bis(2-Chloroethoxy)methane	9.88	93	894210	37.778	ng	100
29) 2,4-Dichlorophenol	10.11	162	854089	48.030	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	843911	40.598	ng	99
31) Naphthalene	10.51	128	2539338	41.471	ng	99
32) Benzoic acid	9.75	122	65589	13.230	ng	96
33) 4-Chloroaniline	10.62	127	246866	9.729	ng	99
34) Hexachlorobutadiene	10.81	225	478884	37.646	ng	99
35) Caprolactam	11.38	113	148649	27.017	ng	97
36) 4-Chloro-3-methylphenol	11.76	107	823975	44.576	ng	100
37) 2-Methylnaphthalene	12.13	142	1858814	42.677	ng	98
38) 1-Methylnaphthalene	12.35	142	1779332	43.398	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	882804	36.335	ng	99

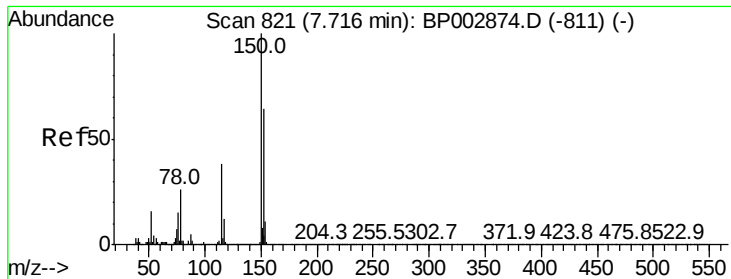
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	1006553	79.860	ng	100
43) 2,4,6-Trichlorophenol	12.75	196	656185	46.599	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	730938	47.317	ng	99
46) 1,1'-Biphenyl	13.15	154	2381783	42.635	ng	99
47) 2-Chloronaphthalene	13.19	162	1830228	41.838	ng	99
48) 2-Nitroaniline	13.39	65	394982	37.175	ng	95
49) Acenaphthylene	14.03	152	3029066	44.152	ng	99
50) Dimethylphthalate	13.78	163	2417650	45.743	ng	99
51) 2,6-Dinitrotoluene	13.89	165	555533	46.711	ng	97
52) Acenaphthene	14.38	154	1769254	40.124	ng	99
53) 3-Nitroaniline	14.22	138	367731	30.663	ng	97
54) 2,4-Dinitrophenol	14.43	184	227650	48.844	ng	96
55) Dibenzofuran	14.72	168	2792131	41.282	ng	99
56) 4-Nitrophenol	14.55	139	908017	96.884	ng	96
57) 2,4-Dinitrotoluene	14.69	165	767041	48.783	ng	98
58) Fluorene	15.37	166	2075292	39.189	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	656089	50.903	ng	98
60) Diethylphthalate	15.16	149	2431831	47.086	ng	100
61) 4-Chlorophenyl-phenylether	15.37	204	1042887	38.265	ng	98
62) 4-Nitroaniline	15.39	138	575091	46.946	ng	93
63) Azobenzene	15.66	77	1623717	31.229	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	270478	39.863	ng	98
66) n-Nitrosodiphenylamine	15.59	169	2050460	45.914	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	750001	45.717	ng	100
68) Hexachlorobenzene	16.39	284	855086	45.064	ng	96
69) Atrazine	16.55	200	670225	44.297	ng	98
70) Pentachlorophenol	16.73	266	1045886	106.292	ng	99
71) Phenanthrene	17.12	178	3310023	41.861	ng	99
72) Anthracene	17.20	178	3377148	43.698	ng	100
73) Carbazole	17.47	167	3204269	42.456	ng	100
74) Di-n-butylphthalate	18.05	149	3818847	48.100	ng	100
75) Fluoranthene	19.09	202	4441709	48.755	ng	98
77) Benzidine	19.27	184	1831189	39.567	ng	99
78) Pyrene	19.44	202	4476619	42.192	ng	99
80) Butylbenzylphthalate	20.33	149	2026187	47.074	ng	99
81) Benzo(a)anthracene	21.15	228	4420033	42.755	ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	1091104	26.665	ng	99
83) Chrysene	21.20	228	4119343	42.241	ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	2804054	47.753	ng	99
85) Di-n-octyl phthalate	21.97	149	5122080	53.099	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	6117666	40.201	ng	97
88) Benzo(b)fluoranthene	22.74	252	5111310	38.118	ng	98
89) Benzo(k)fluoranthene	22.78	252	4929352	38.894	ng	98
90) Benzo(a)pyrene	23.32	252	4806656	39.671	ng	98
91) Dibenzo(a,h)anthracene	25.72	278	5052710	39.011	ng	98
92) Benzo(g,h,i)perylene	26.40	276	5002844	39.944	ng	97

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

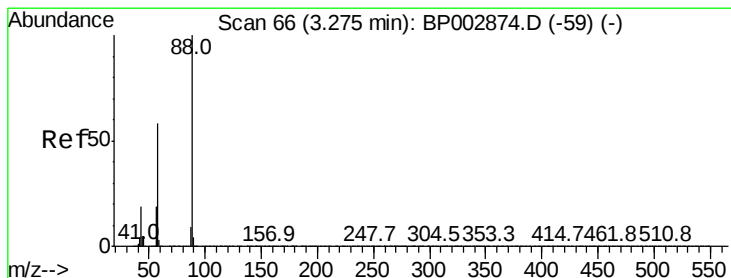
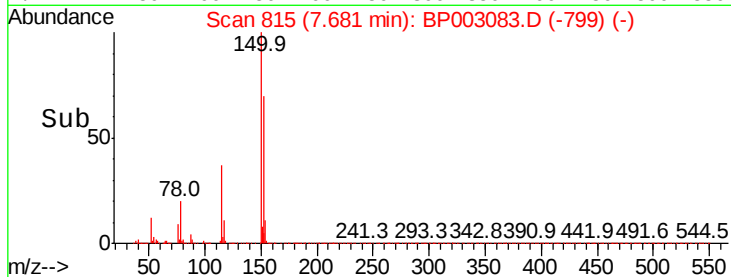
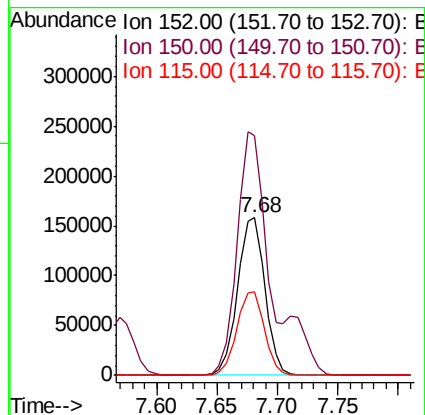
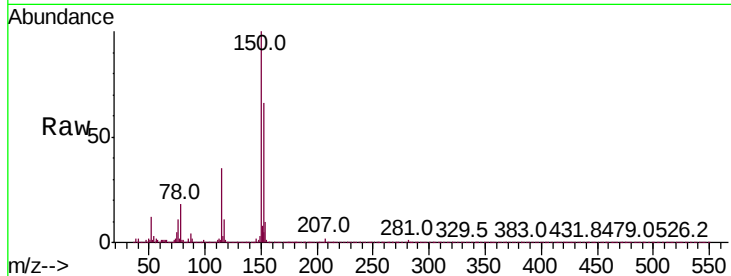


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

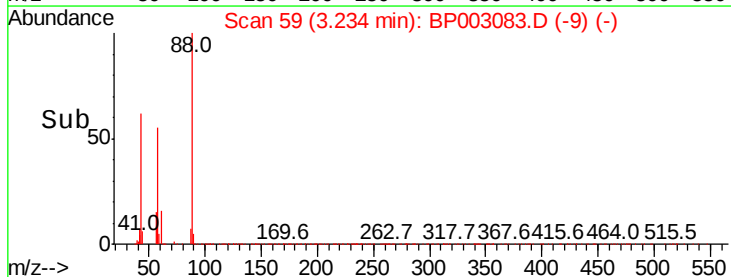
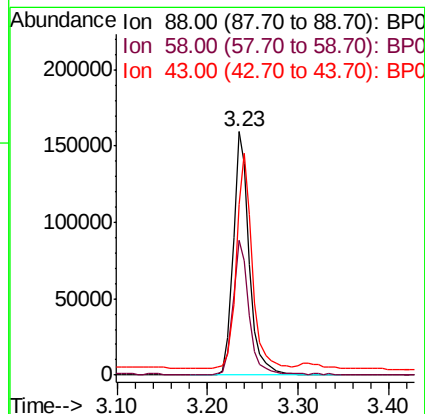
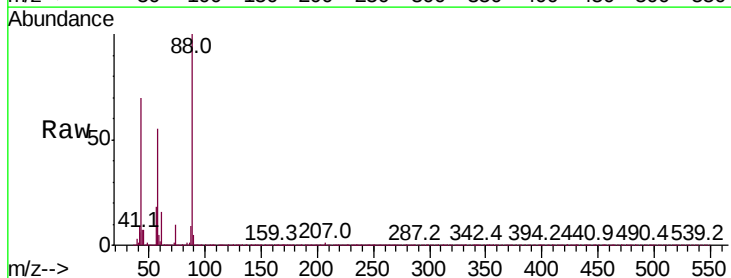
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.1	189.1
115	52.8	43.4	65.2

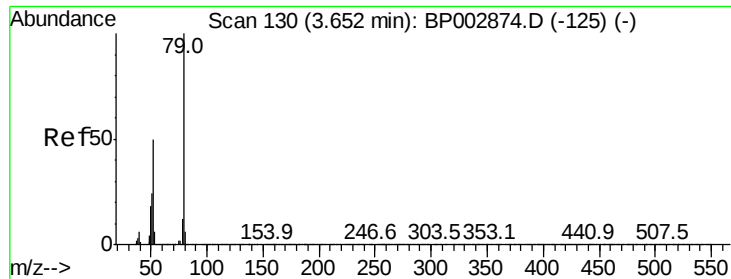


#2

1,4-Dioxane
Concen: 27.816 ng
RT: 3.23 min Scan# 59
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.0	44.5	66.7
43	87.0	14.5	21.7





#3

Pvridine

Concen: 21.533 ng

RT: 3.62 min Scan# 125

Delta R.T. -0.00 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

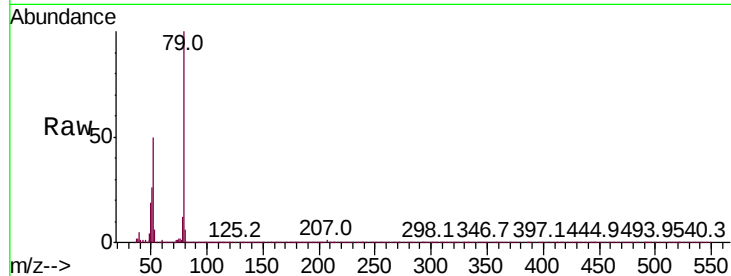
Tot Ion: 79 Resp: 420635

Ion Ratio Lower Upper

79 100

52 50.1 40.5 60.7

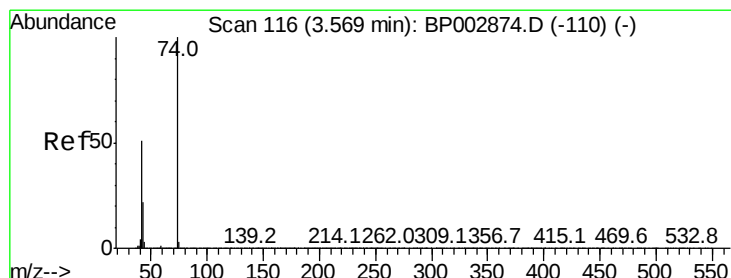
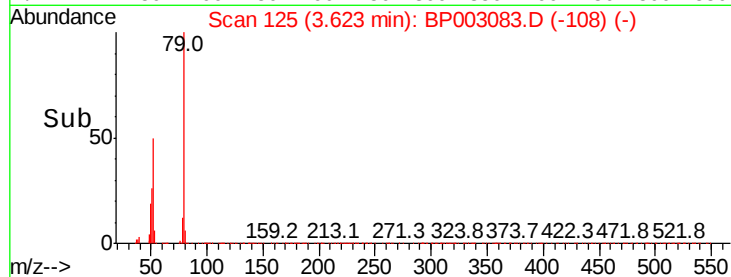
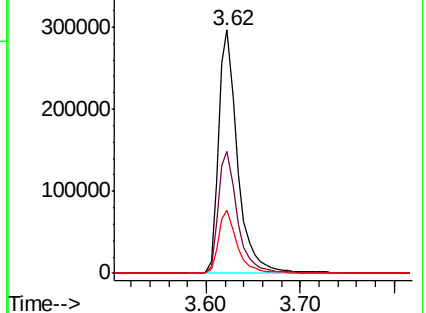
51 25.7 19.9 29.9



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: 30.286 ng

RT: 3.53 min Scan# 109

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

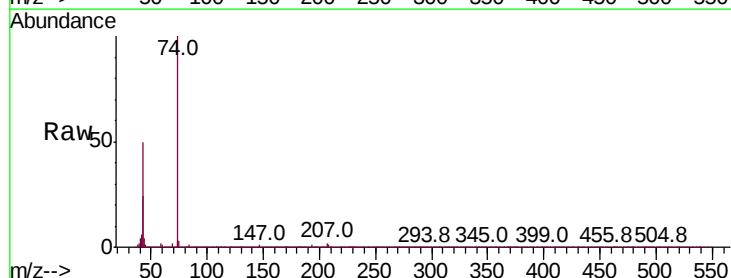
Tgt Ion: 42 Resp: 173784

Ion Ratio Lower Upper

42 100

74 198.8 158.6 238.0

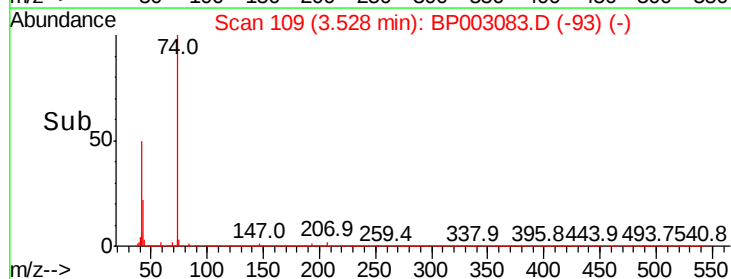
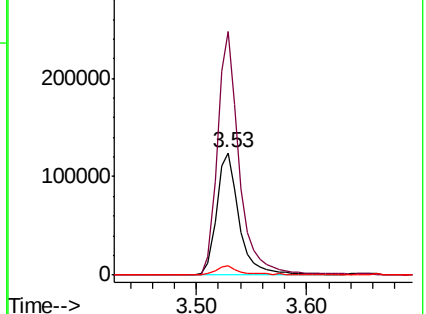
44 7.6 5.8 8.8

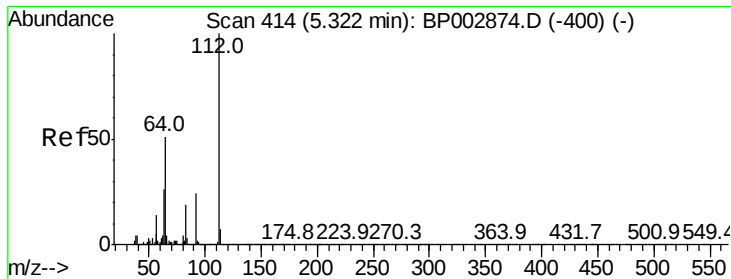


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 108.266 ng

RT: 5.29 min Scan# 409

Delta R.T. -0.00 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

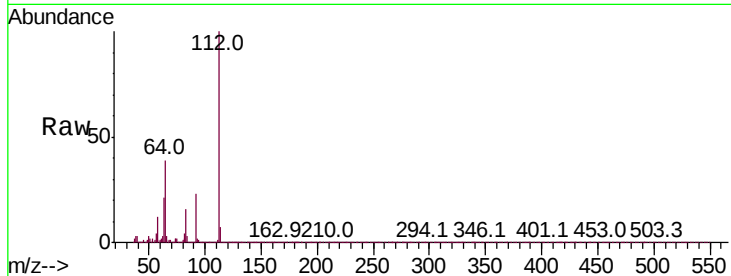
Tot Ion:112 Resp: 1768379

Ion Ratio Lower Upper

112 100

64 39.4 33.4 50.2

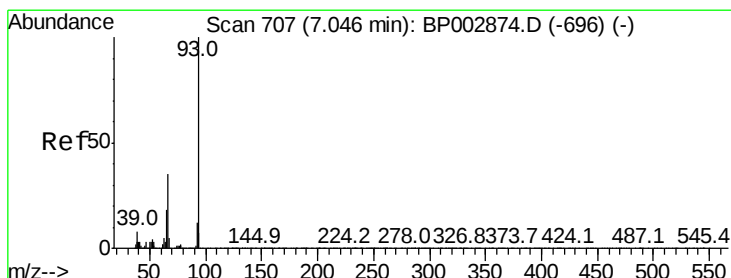
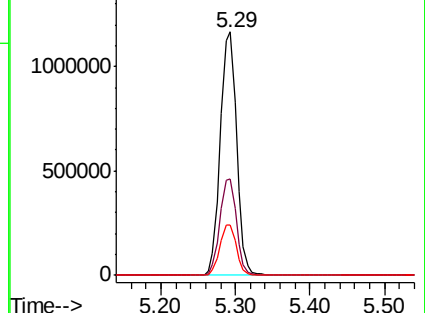
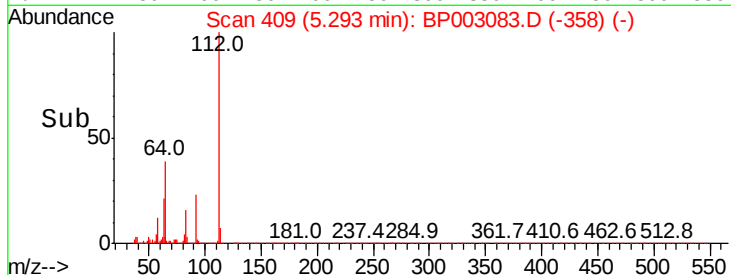
63 20.8 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 25.009 ng

RT: 7.01 min Scan# 701

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

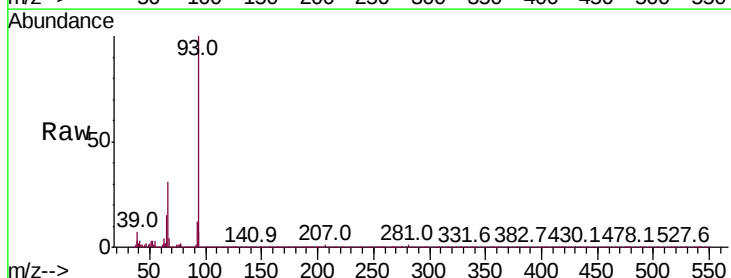
Tgt Ion: 93 Resp: 657991

Ion Ratio Lower Upper

93 100

66 30.9 24.8 37.2

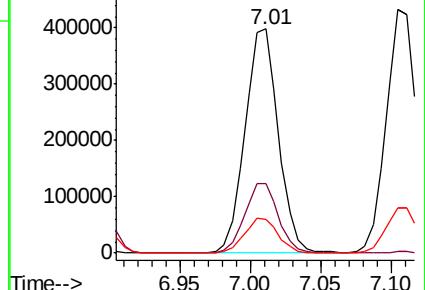
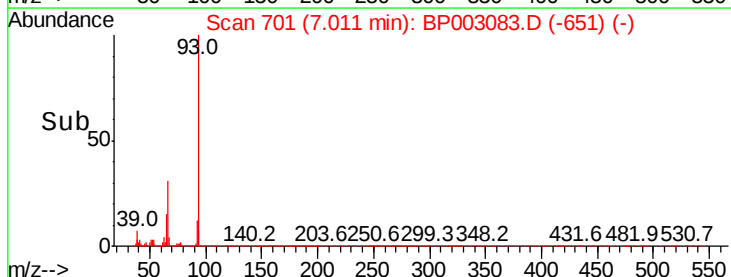
65 15.0 12.2 18.4

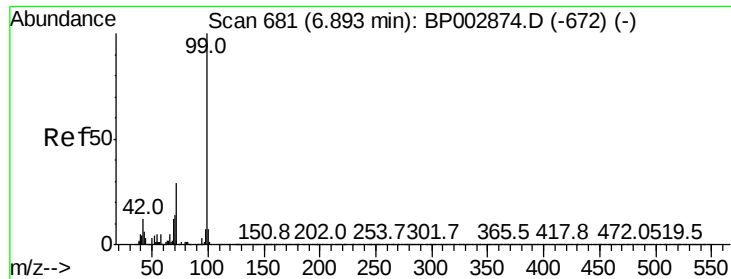


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 87.504 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.01 min

Lab File: BP003083.D

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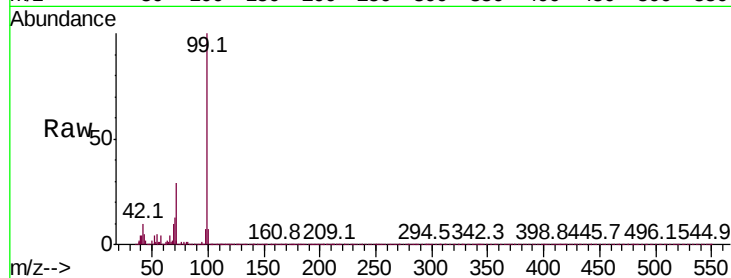
Tot Ion: 99 Resp: 1984352

Ion Ratio Lower Upper

99 100

42 10.4 8.0 12.0

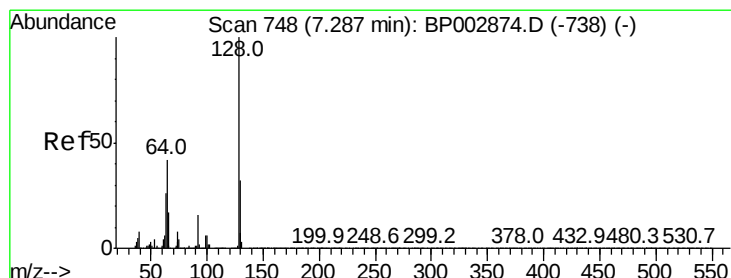
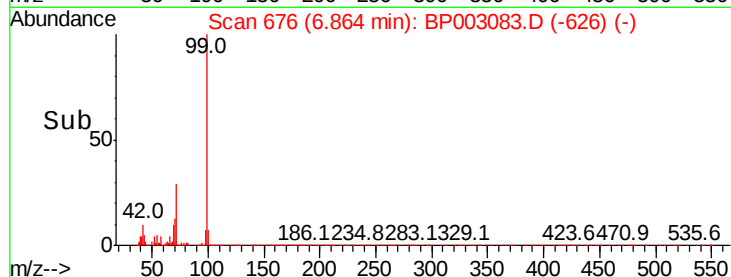
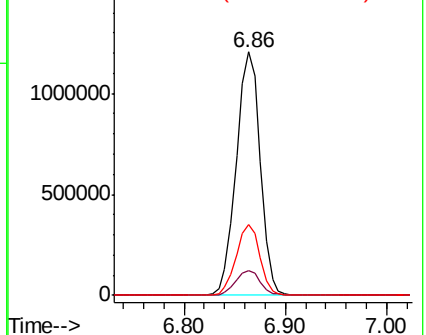
71 29.0 21.3 31.9



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: 49.057 ng

RT: 7.25 min Scan# 742

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

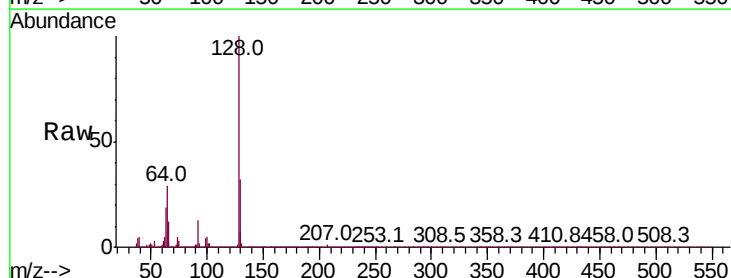
Tgt Ion: 128 Resp: 854349

Ion Ratio Lower Upper

128 100

130 32.5 12.9 52.9

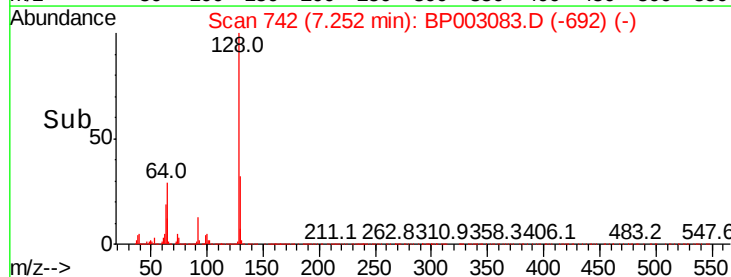
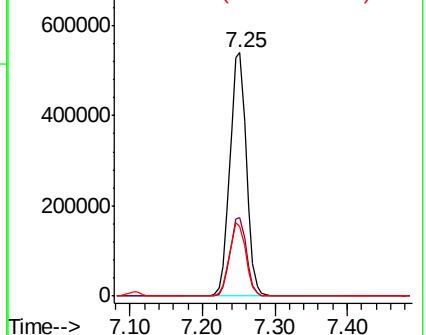
64 28.8 10.7 50.7

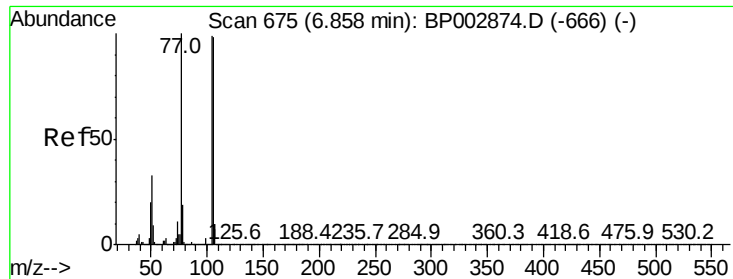


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 29.300 ng

RT: 6.82 min Scan# 668

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

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ClientSampleId :

OR-03-082020MS

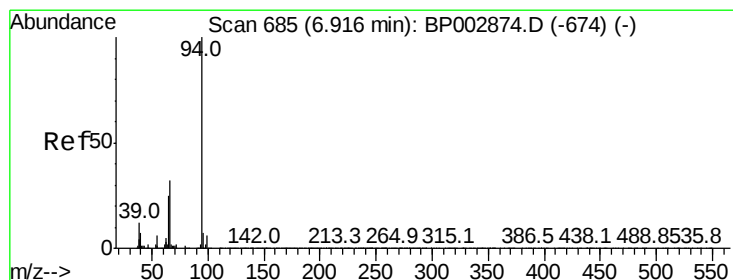
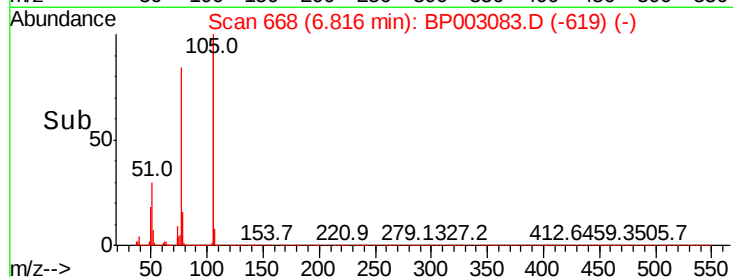
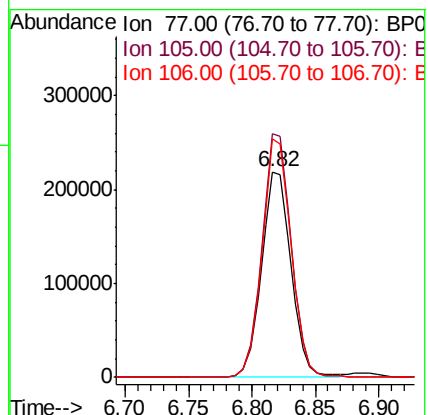
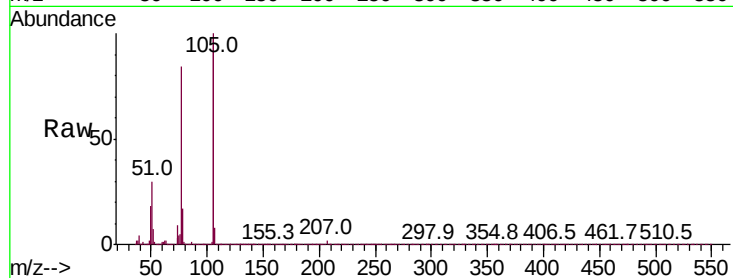
Tot Ion: 77 Resp: 353769

Ion Ratio Lower Upper

77 100

105 118.7 97.5 137.5

106 116.3 93.1 133.1



#10

Phenol

Concen: 34.297 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

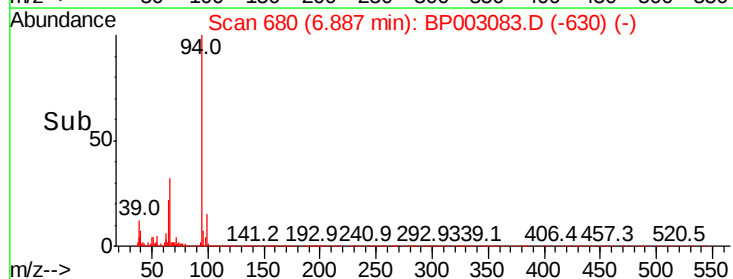
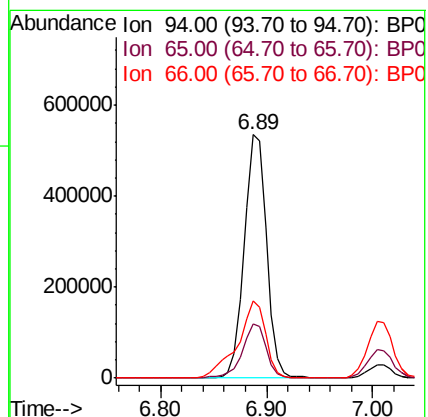
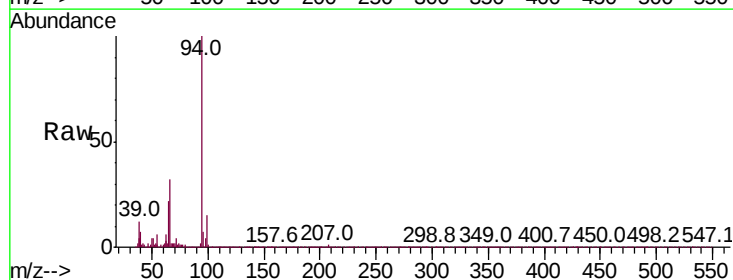
Tgt Ion: 94 Resp: 783296

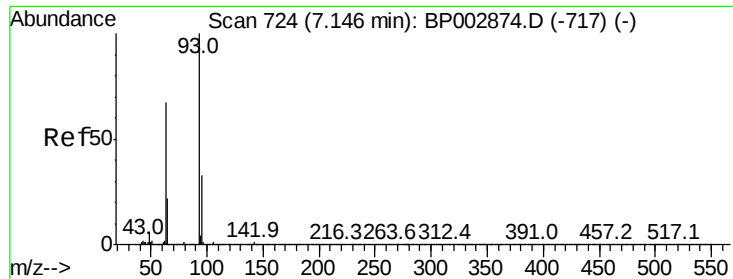
Ion Ratio Lower Upper

94 100

65 22.3 1.7 41.7

66 31.6 8.6 48.6

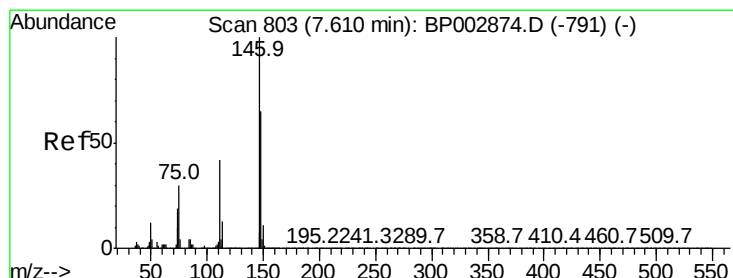
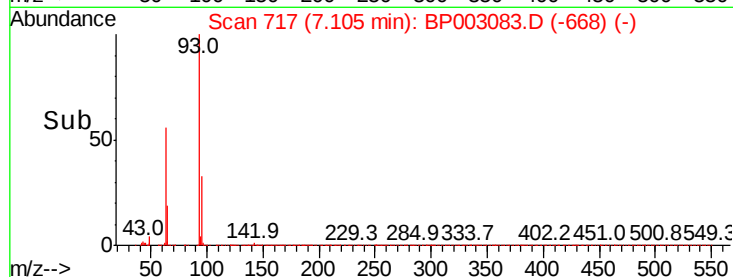
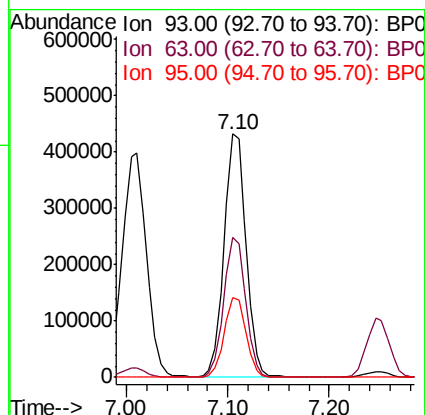
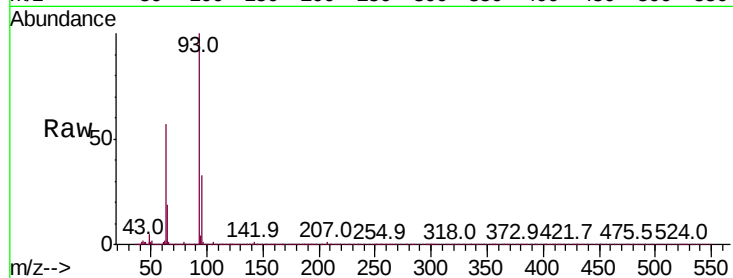




#11
 bis(2-Chloroethyl)ether
 Concen: 37.244 ng
 RT: 7.10 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

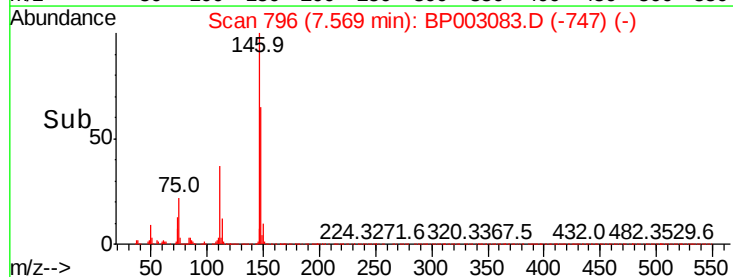
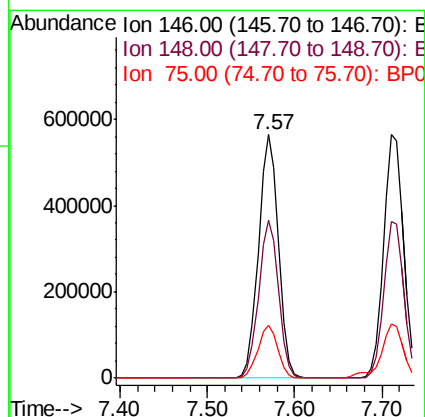
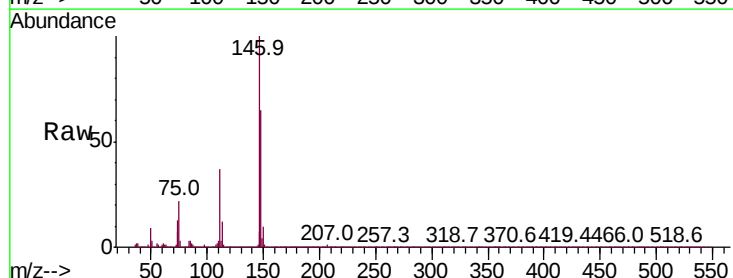
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

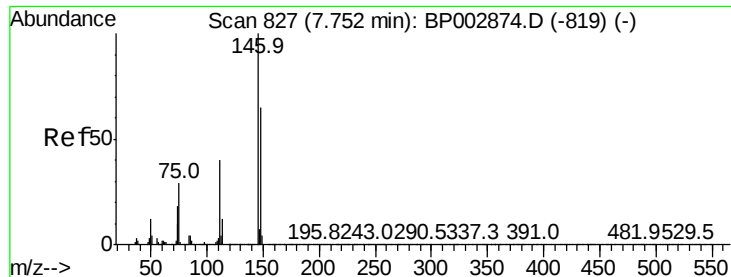
Tot Ion	Ratio	Lower	Upper
93	100		
63	57.4	38.4	78.4
95	32.8	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 44.356 ng
 RT: 7.57 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.4	77.0
75	21.8	17.4	26.0





#13

1,4-Dichlorobenzene

Concen: 44.859 ng

RT: 7.71 min Scan# 820

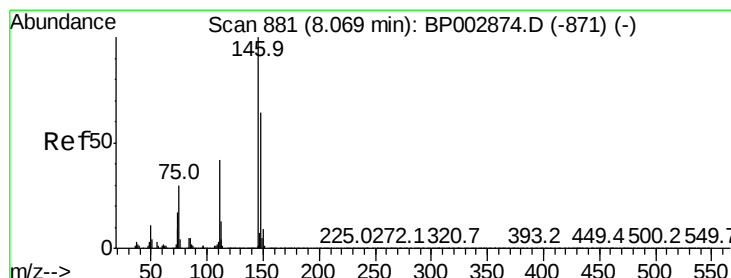
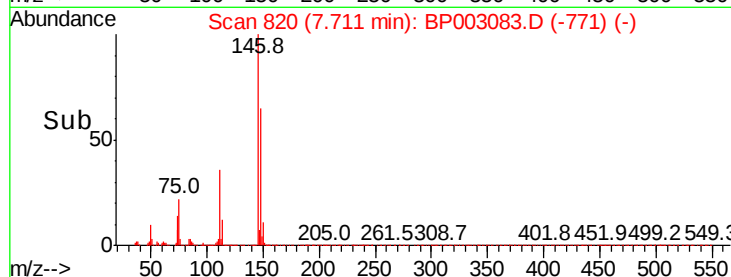
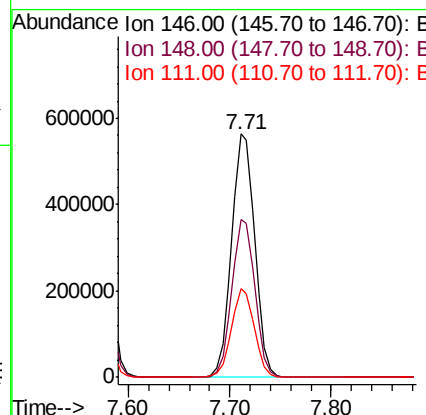
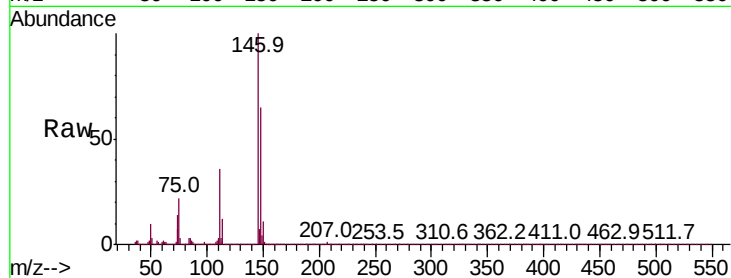
Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.2
111	36.2	29.0	43.4



#14

1,2-Dichlorobenzene

Concen: 45.477 ng

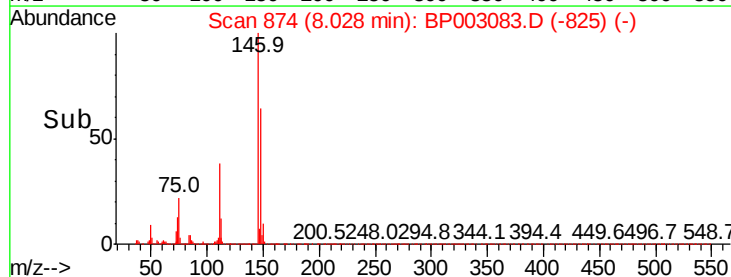
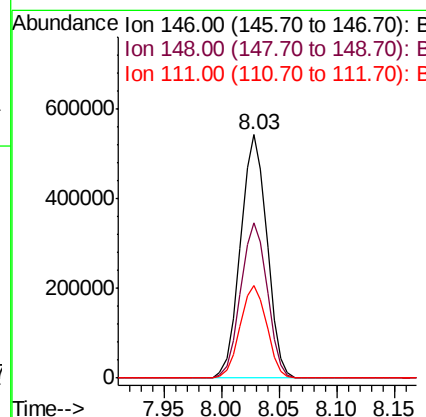
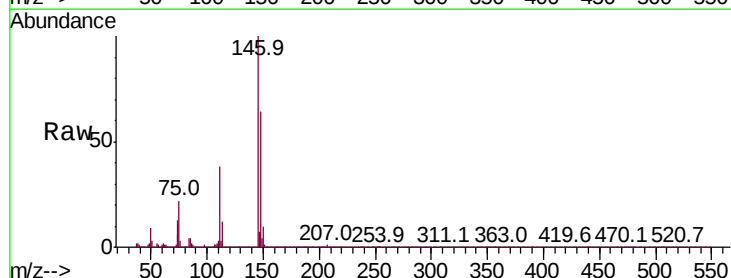
RT: 8.03 min Scan# 874

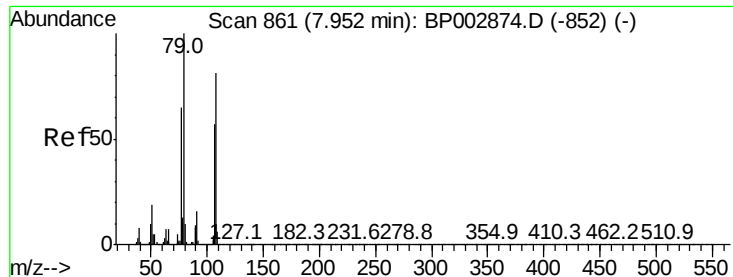
Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	37.8	30.5	45.7





#15

Benzyl Alcohol

Concen: 38.715 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

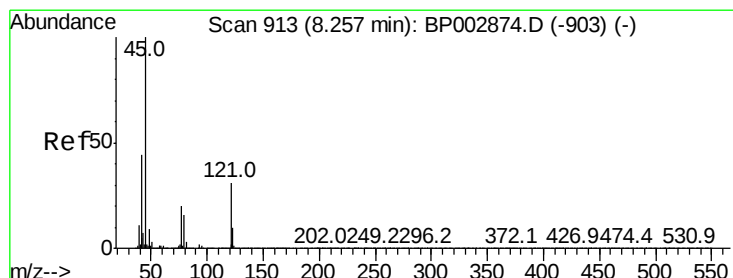
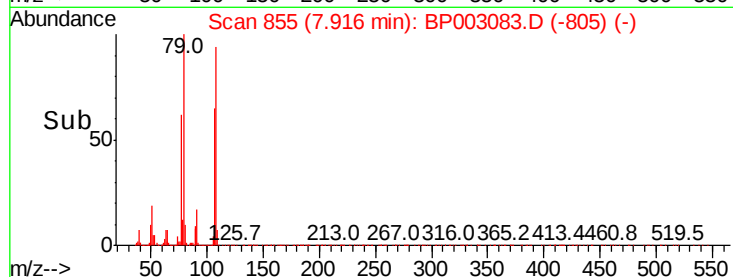
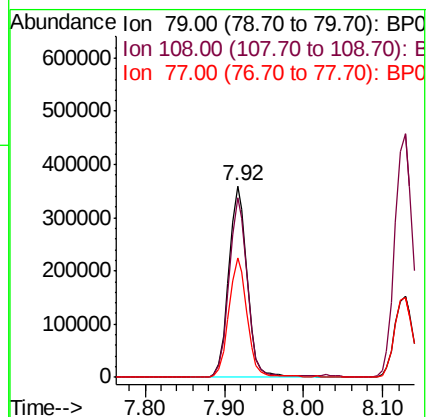
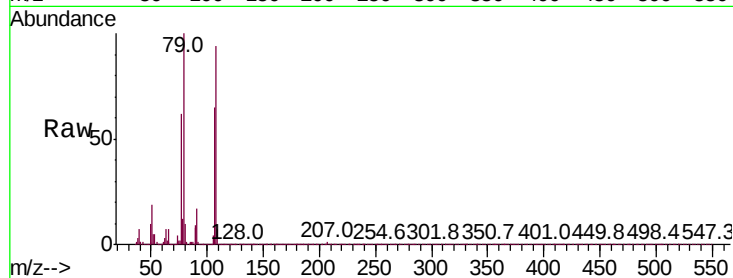
Tot Ion: 79 Resp: 579282

Ion Ratio Lower Upper

79 100

108 93.8 75.7 113.5

77 62.2 49.8 74.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.899 ng

RT: 8.21 min Scan# 905

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

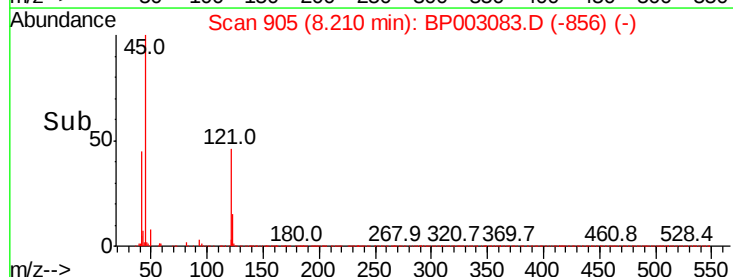
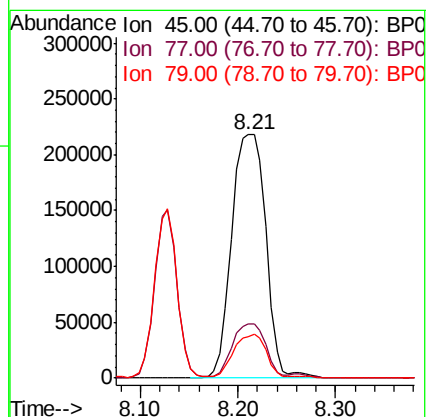
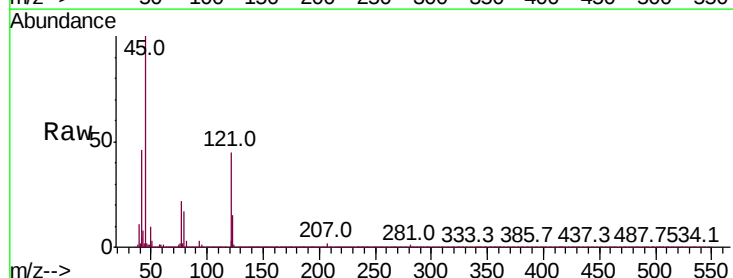
Tgt Ion: 45 Resp: 526448

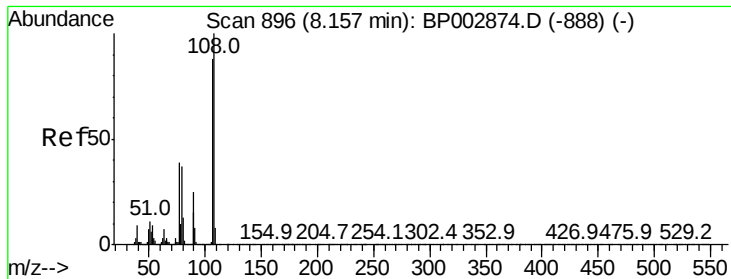
Ion Ratio Lower Upper

45 100

77 22.2 1.2 41.2

79 16.7 0.0 37.0

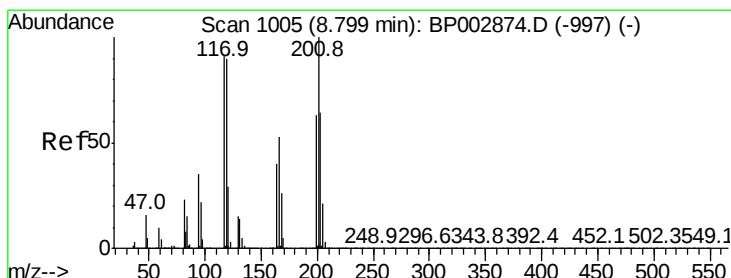
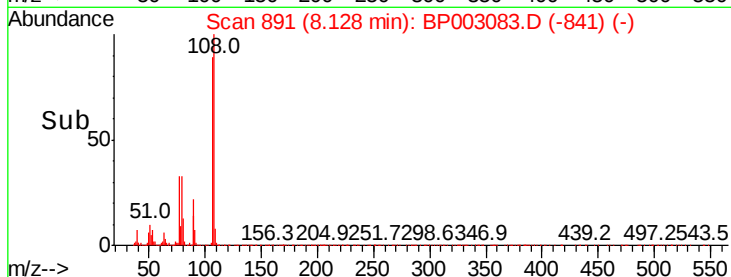
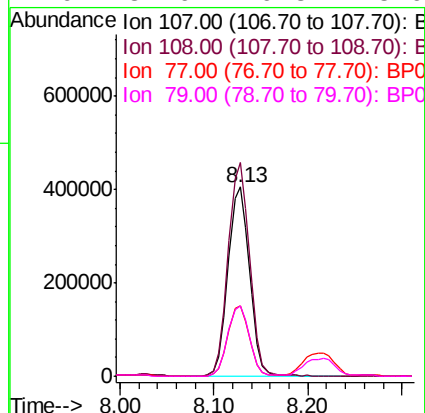
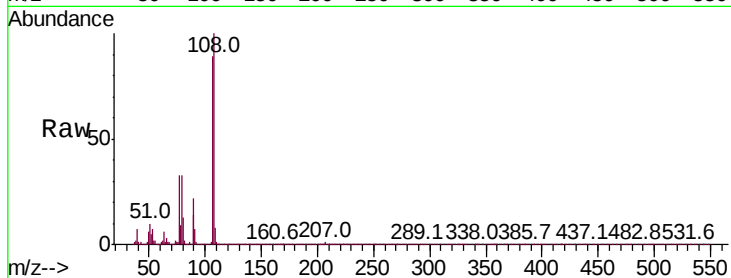




#17
2-Methylphenol
Concen: 44.074 ng
RT: 8.13 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

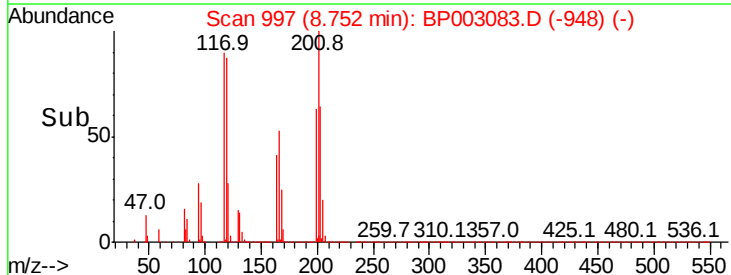
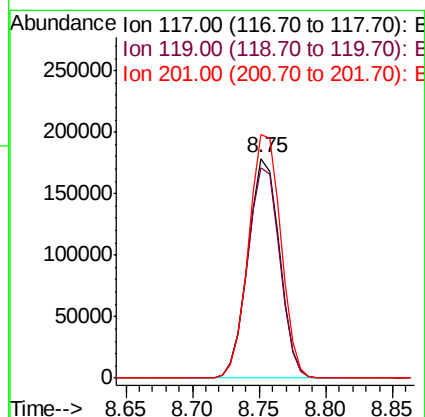
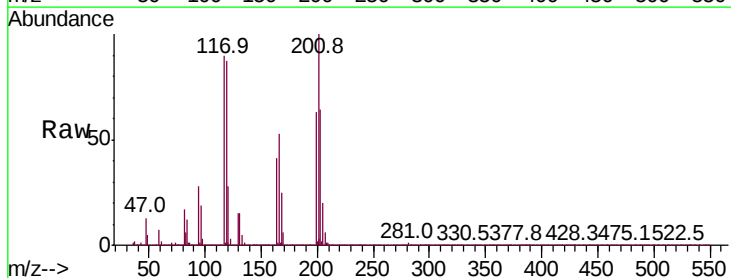
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

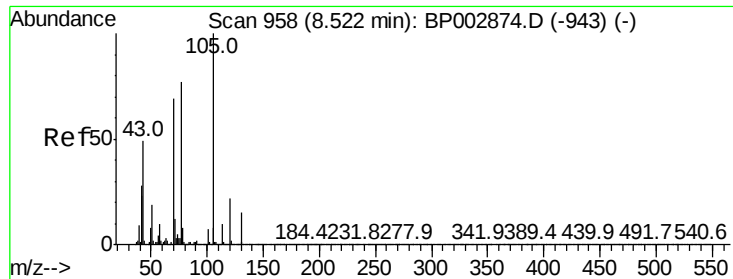
Tot Ion:	107	Resp:	643233
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.0	135.0
77	37.0	29.3	43.9
79	37.6	29.3	43.9



#18
Hexachloroethane
Concen: 42.096 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion:	117	Resp:	291725
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.1	115.7
201	110.8	84.3	126.5

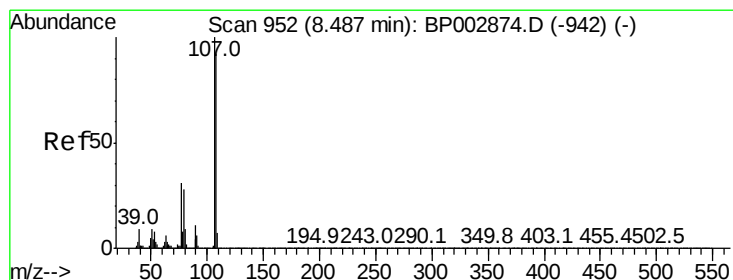
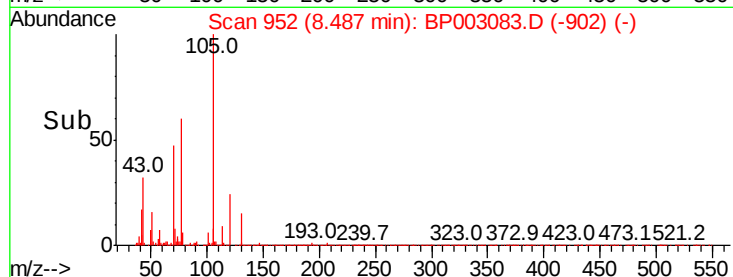
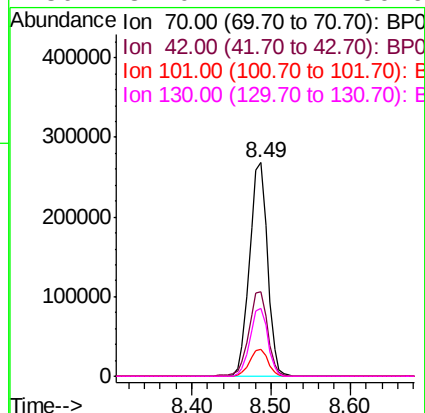
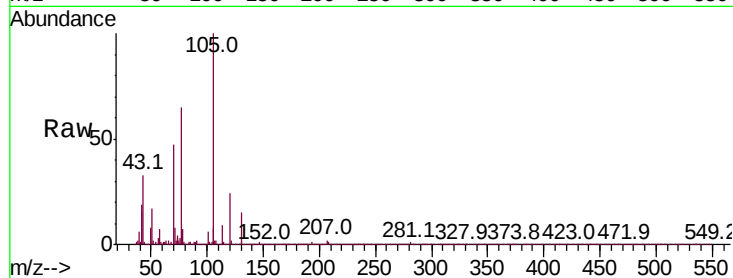




#19
n-Nitroso-di-n-propylamine
Concen: 32.396 ng
RT: 8.49 min Scan# 952
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

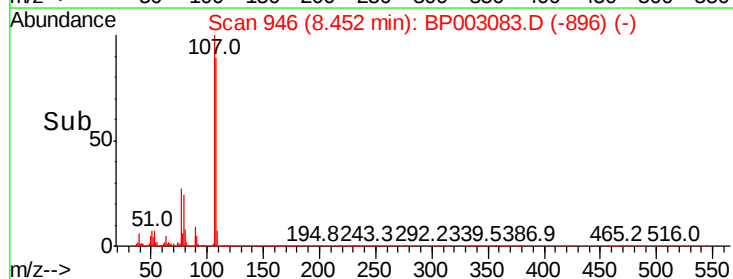
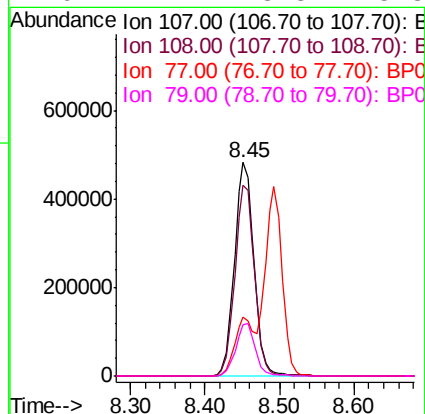
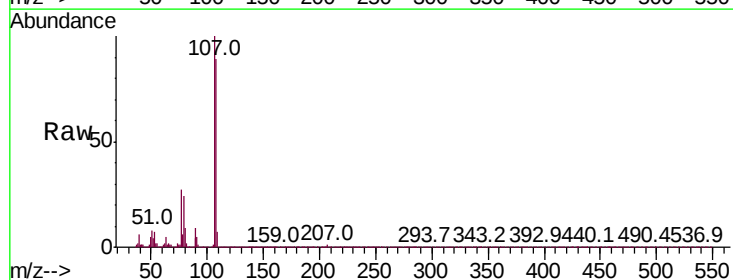
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

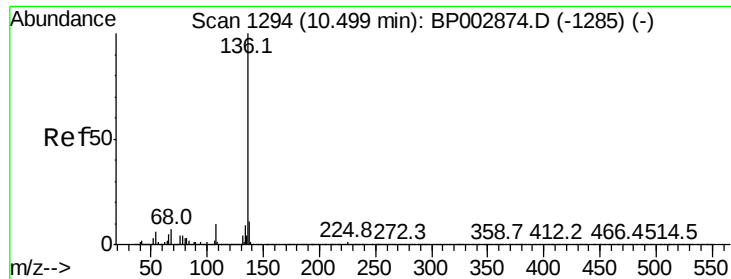
Tot Ion:	70	Resp:	423299
Ion	Ratio	Lower	Upper
70	100		
42	39.8	31.8	47.8
101	12.5	9.8	14.8
130	32.0	24.4	36.6



#20
3+4-Methylphenols
Concen: 44.567 ng
RT: 8.45 min Scan# 946
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion:	107	Resp:	876607
Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.1	109.1
77	27.3	7.2	47.2
79	24.1	3.3	43.3

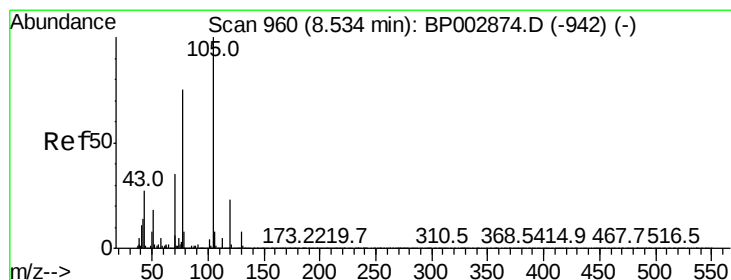
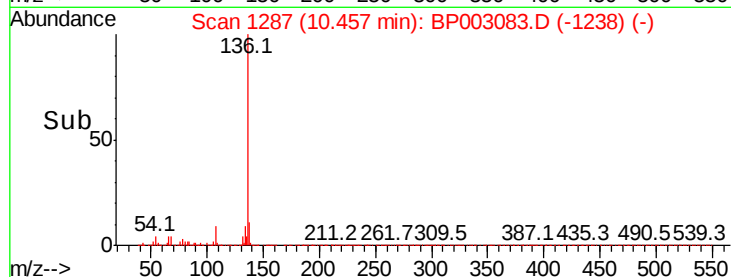
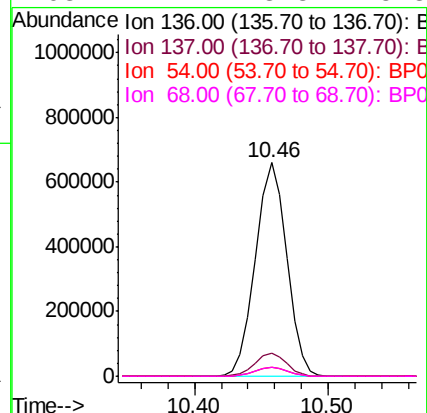
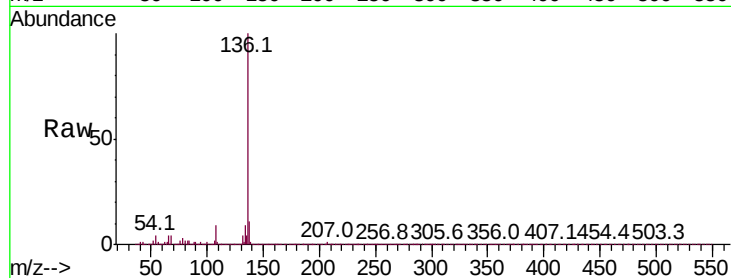




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

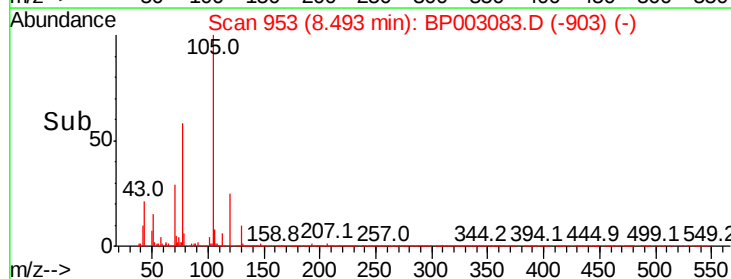
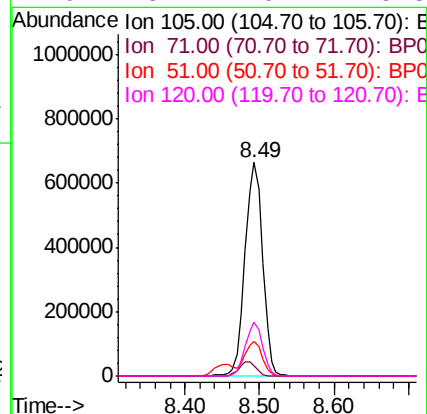
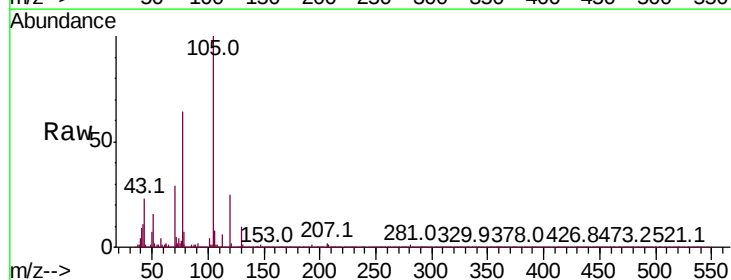
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

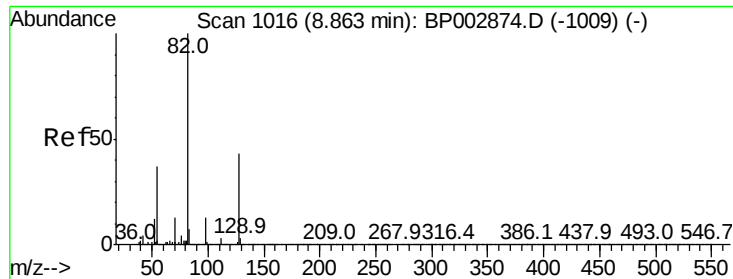
Tot Ion:136	Resp: 1069640
Ion Ratio	Lower Upper
136 100	
137 10.6	8.8 13.2
54 4.5	3.8 5.8
68 4.4	3.8 5.8



#22
Acetophenone
Concen: 35.955 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt	Ion:105	Resp:	1085107
Ion	Ratio	Lower	Upper
105	100		
71	4.6	5.4	8.0#
51	16.2	13.5	20.3
120	25.1	19.2	28.8

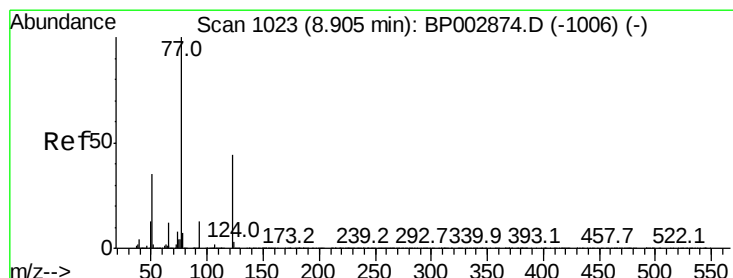
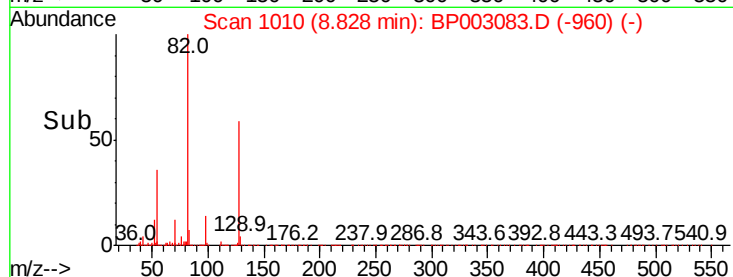
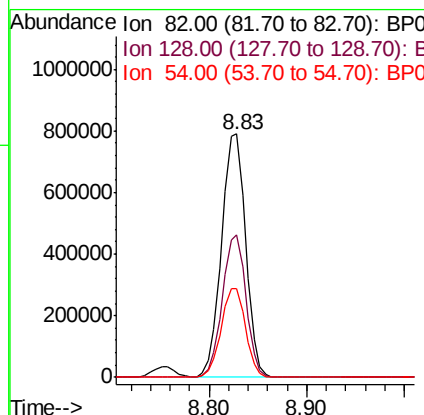
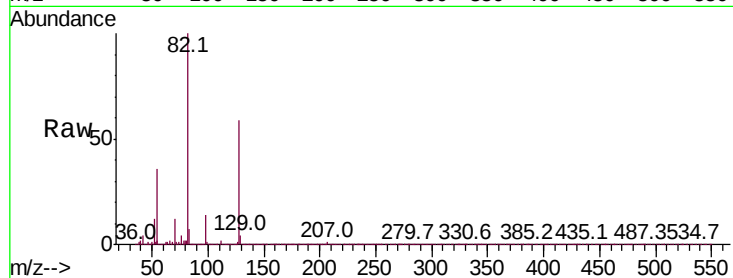




#23
Nitrobenzene-d5
Concen: 68.734 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

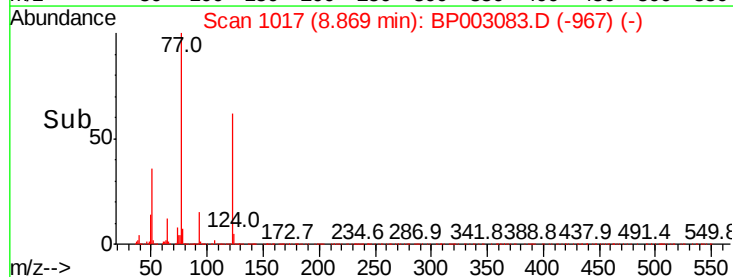
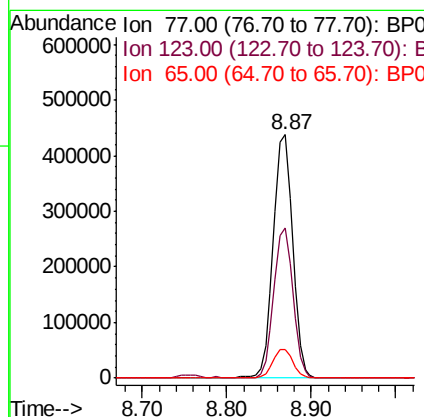
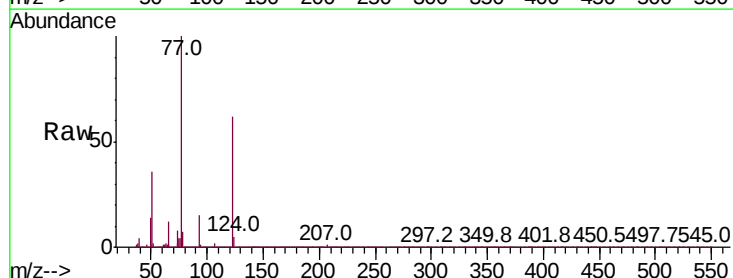
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

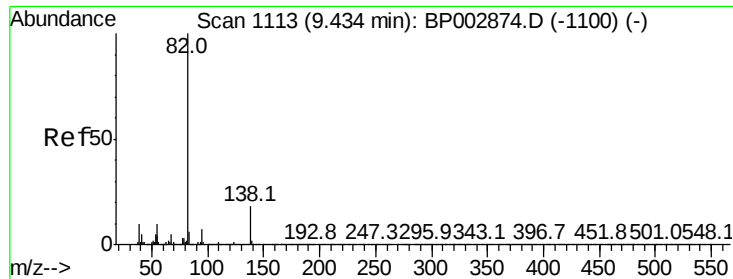
Tot Ion: 82 Resp: 1357411
Ion Ratio Lower Upper
82 100
128 58.7 45.1 67.7
54 36.5 28.8 43.2



#24
Nitrobenzene
Concen: 32.425 ng
RT: 8.87 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion: 77 Resp: 695211
Ion Ratio Lower Upper
77 100
123 61.8 47.5 71.3
65 11.8 9.2 13.8

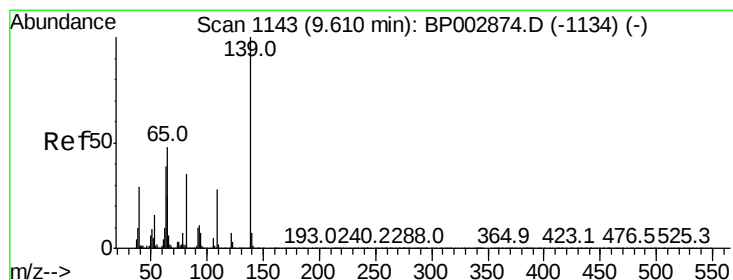
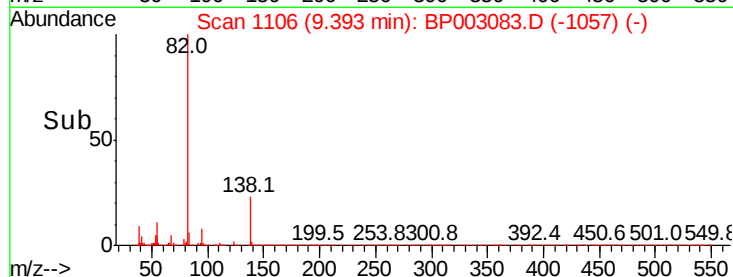
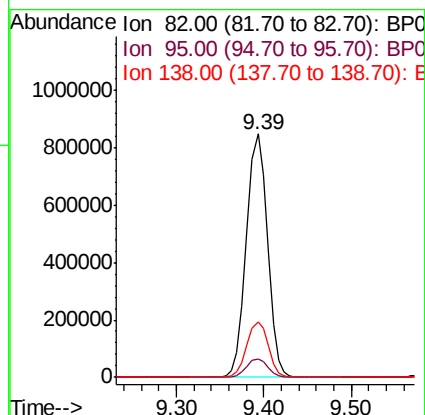
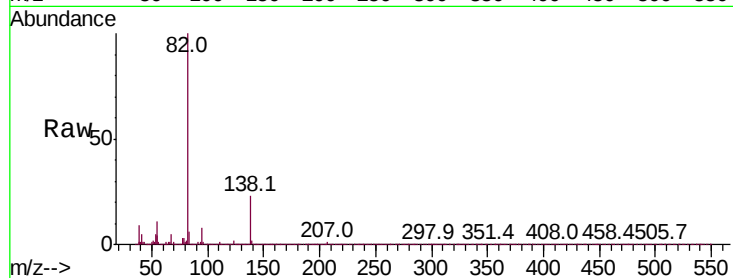




#25
Isophorone
Concen: 32.460 ng
RT: 9.39 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

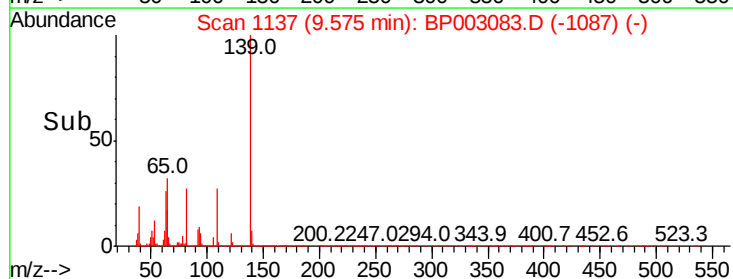
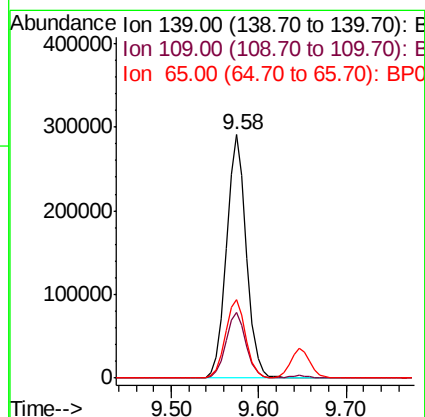
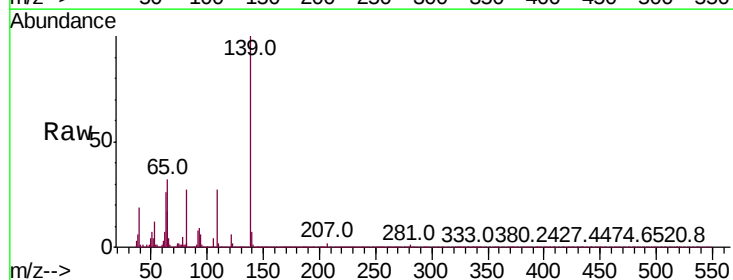
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

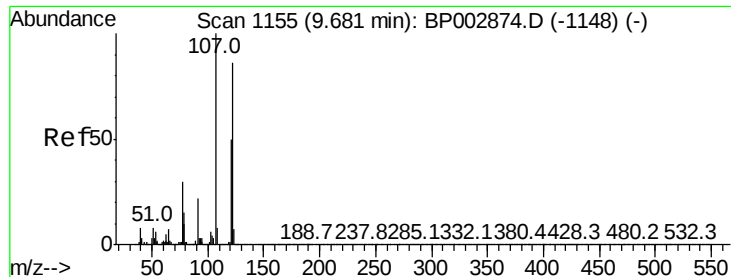
Tot Ion: 82 Resp: 1377168
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 23.0 18.8 28.2



#26
2-Nitrophenol
Concen: 50.542 ng
RT: 9.58 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion: 139 Resp: 454685
Ion Ratio Lower Upper
139 100
109 26.9 21.0 31.6
65 32.4 27.2 40.8

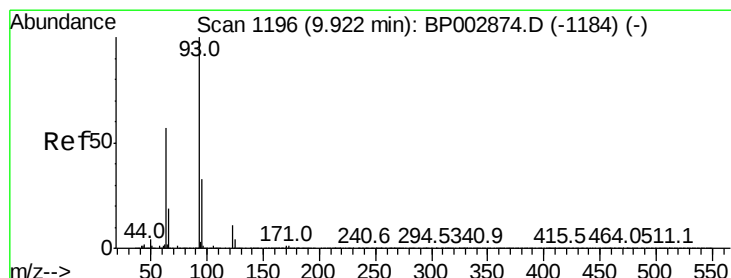
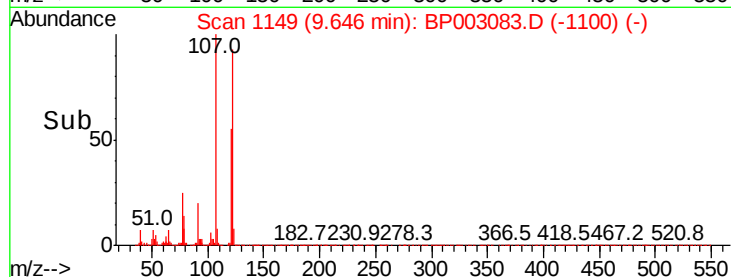
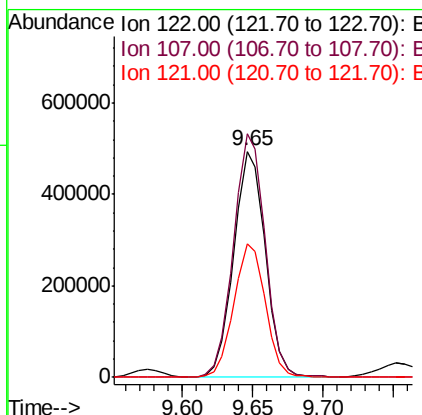
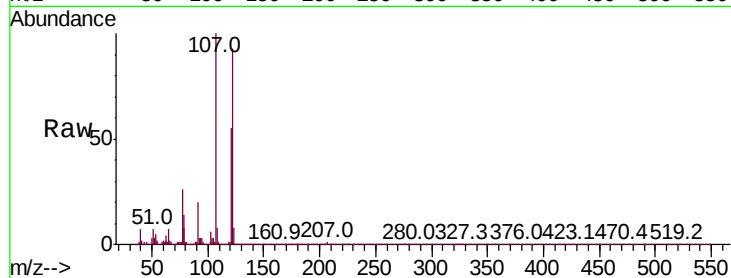




#27
2,4-Dimethylphenol
Concen: 45.618 ng
RT: 9.65 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

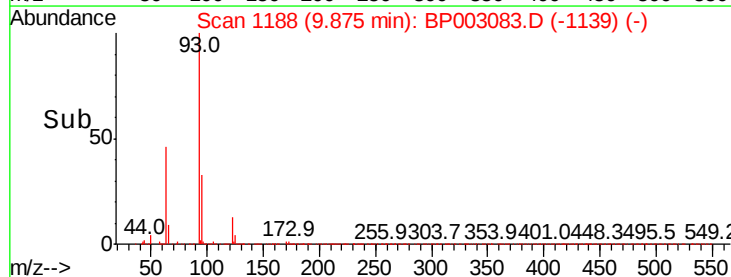
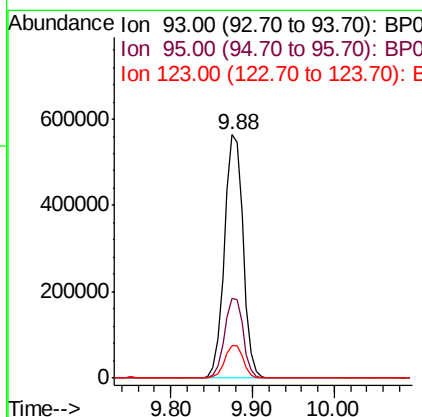
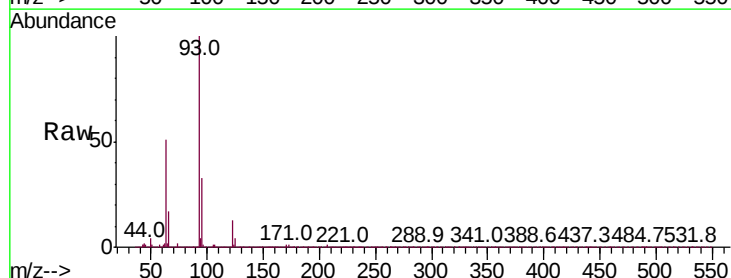
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

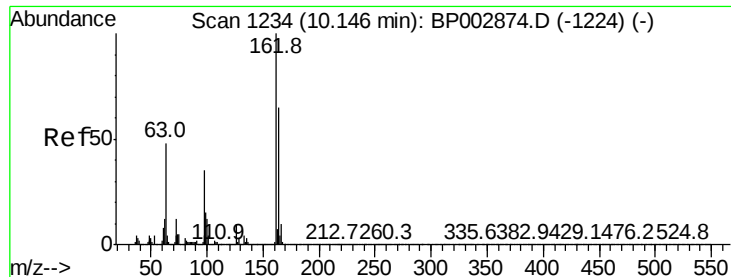
Tot Ion	Ratio	Lower	Upper
122	100		
107	107.9	85.4	128.0
121	59.4	47.0	70.4



#28
bis(2-Chloroethoxy)methane
Concen: 37.778 ng
RT: 9.88 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	13.3	10.5	15.7





#29

2,4-Dichlorophenol

Concen: 48.030 ng

RT: 10.11 min Scan# 1228

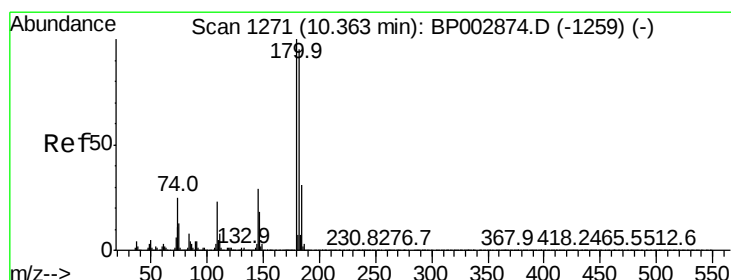
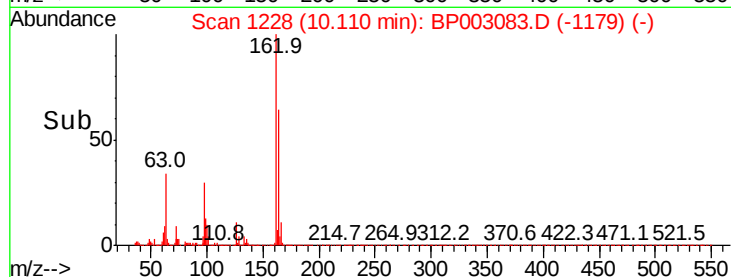
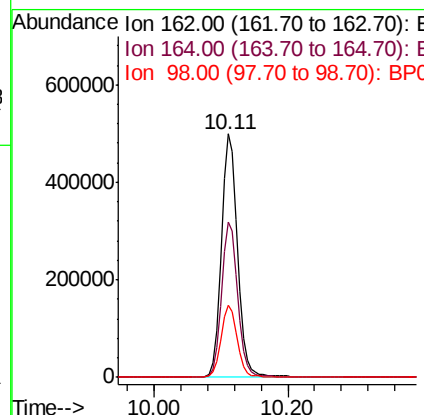
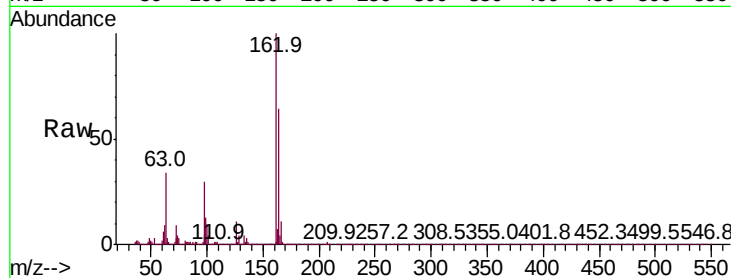
Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	43.9	83.9
98	29.8	10.0	50.0



#30

1,2,4-Trichlorobenzene

Concen: 40.598 ng

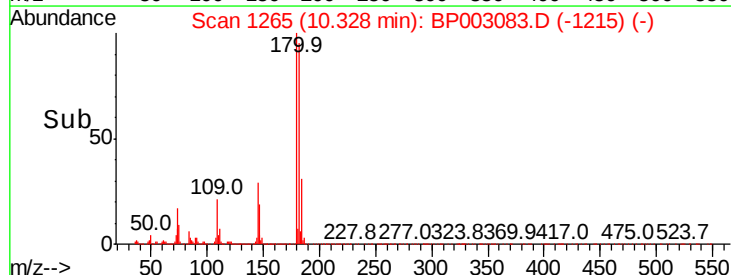
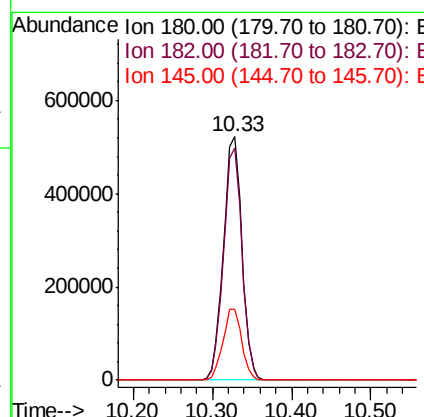
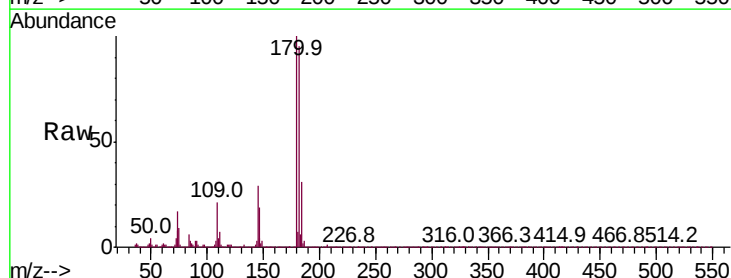
RT: 10.33 min Scan# 1265

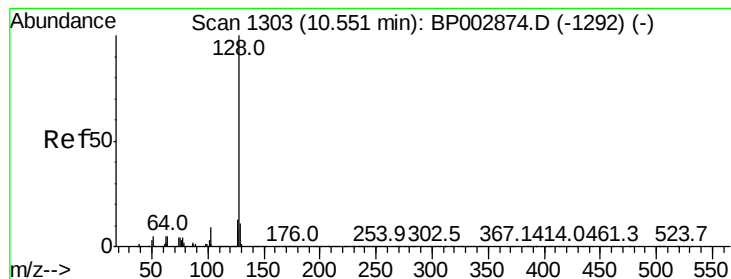
Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.3	114.5
145	29.2	24.4	36.6





#31

Naphthalene

Concen: 41.471 ng

RT: 10.51 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

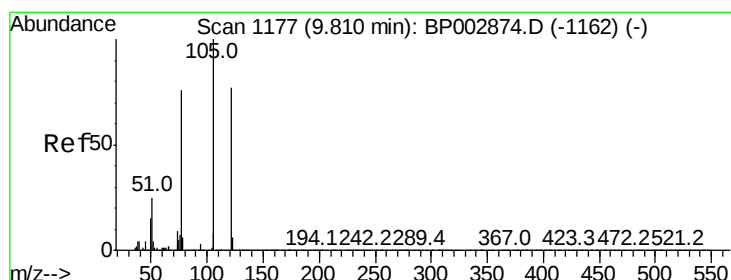
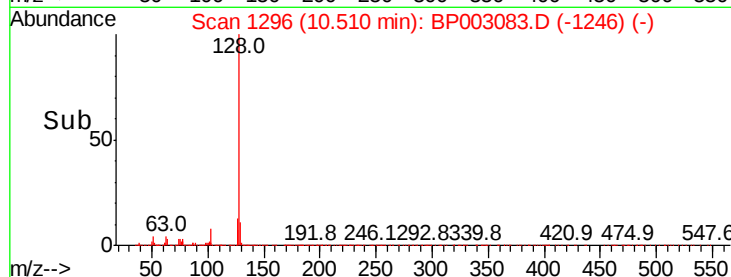
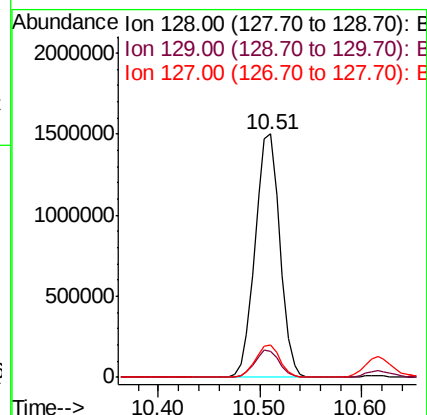
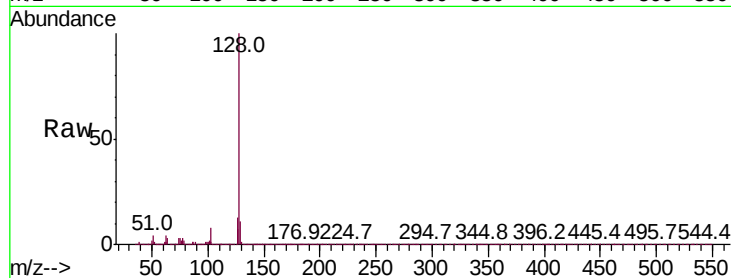
Tot Ion:128 Resp: 2539338

Ion Ratio Lower Upper

128 100

129 10.9 9.1 13.7

127 13.1 10.6 16.0



#32

Benzoic acid

Concen: 13.230 ng

RT: 9.75 min Scan# 1167

Delta R.T. -0.06 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

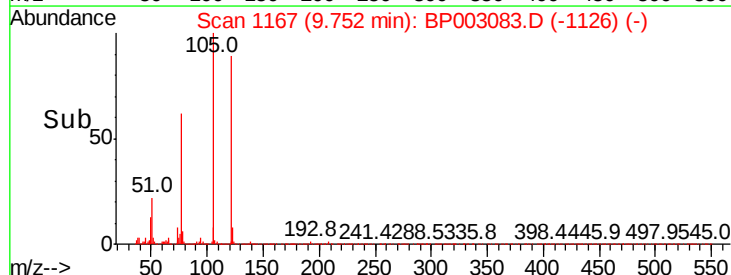
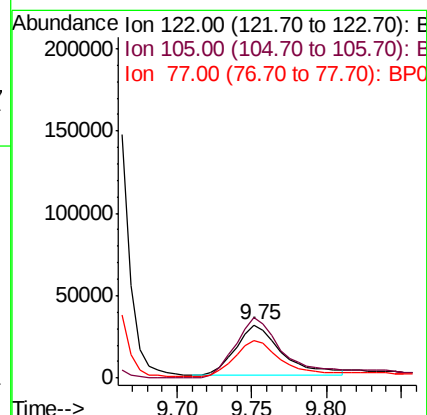
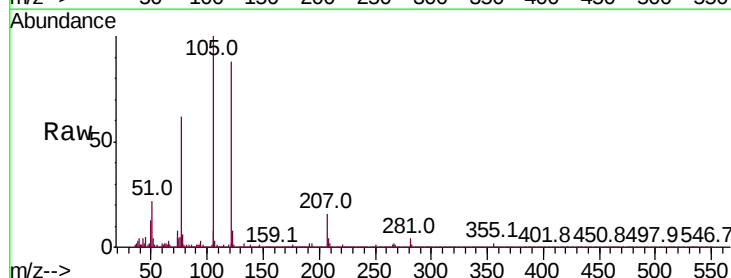
Tgt Ion:122 Resp: 65589

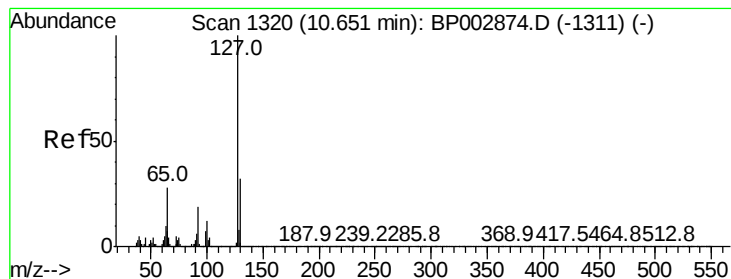
Ion Ratio Lower Upper

122 100

105 113.3 96.2 136.2

77 70.2 55.6 95.6





#33

4-Chloroaniline

Concen: 9.729 ng

RT: 10.62 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

Tot Ion:127 Resp: 246866

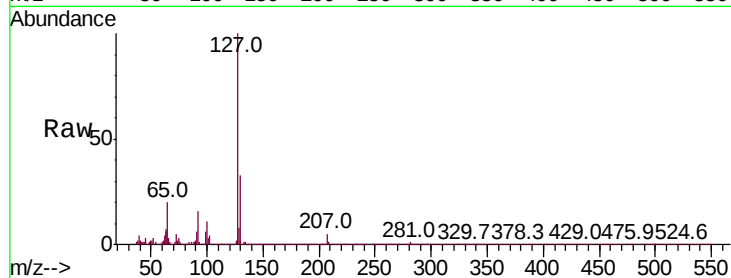
Ion Ratio Lower Upper

127 100

129 33.0 25.8 38.6

65 20.3 16.7 25.1

92 16.1 12.8 19.2

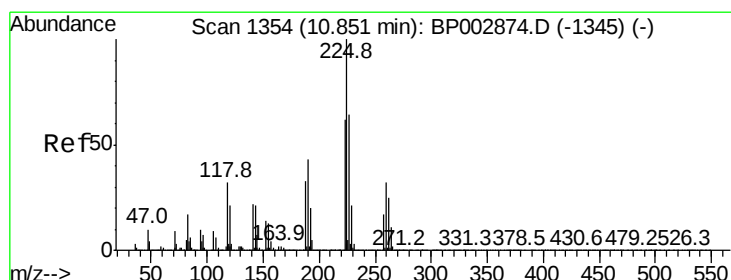
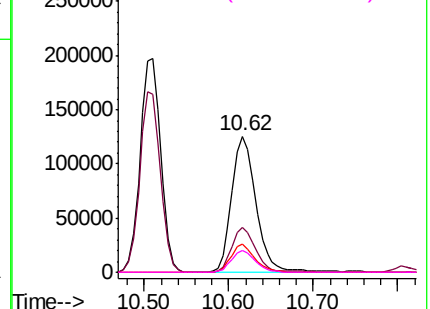
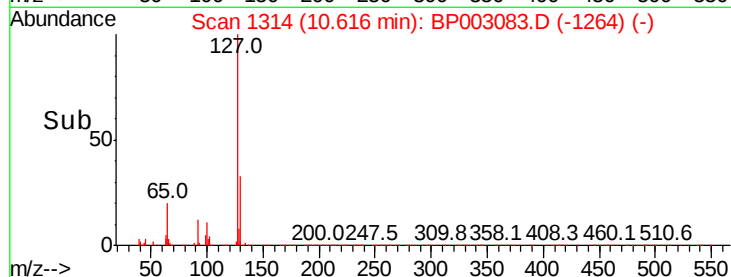


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34

Hexachlorobutadiene

Concen: 37.646 ng

RT: 10.81 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

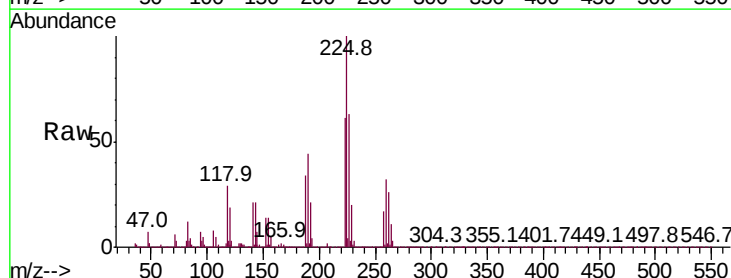
Tgt Ion:225 Resp: 478884

Ion Ratio Lower Upper

225 100

223 61.4 50.4 75.6

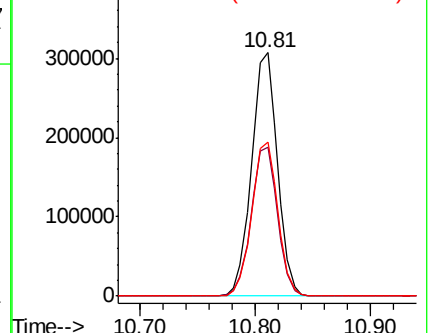
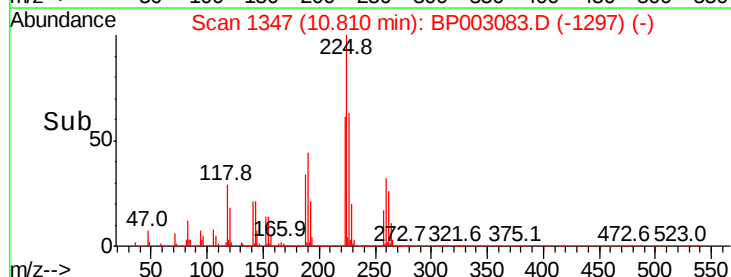
227 63.4 51.0 76.6

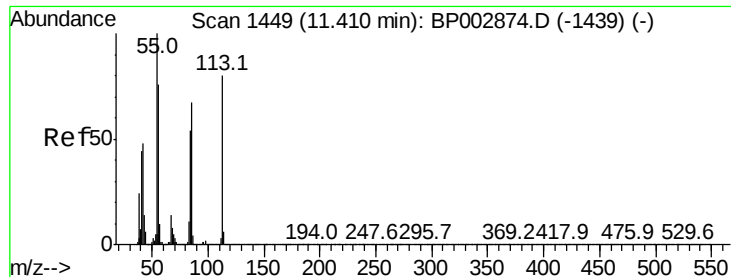


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

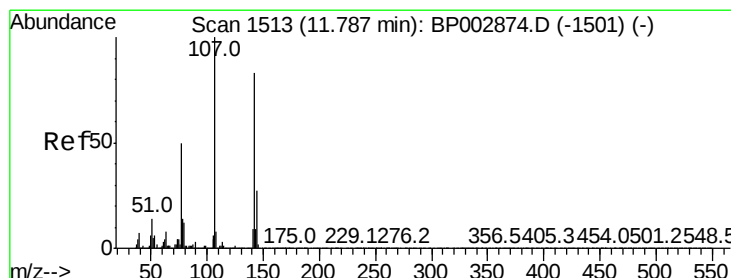
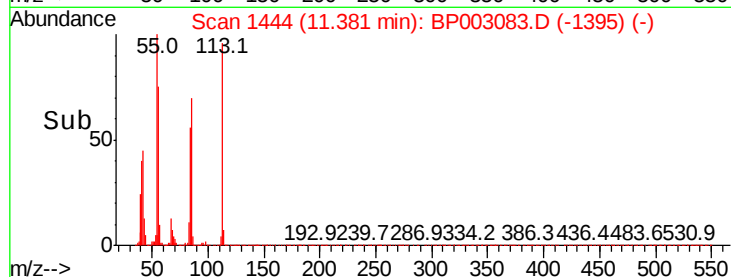
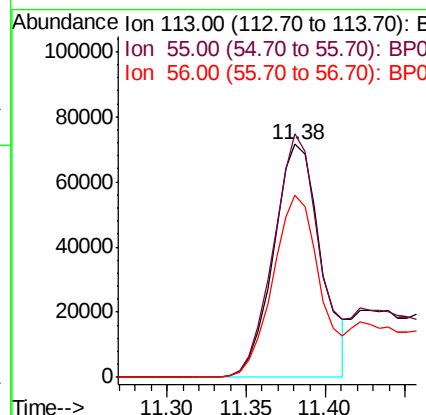
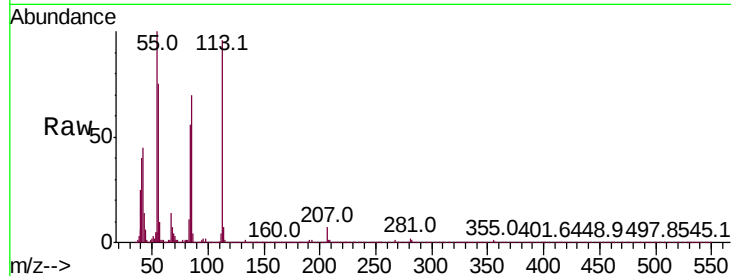




#35
 Caprolactam
 Concen: 27.017 ng
 RT: 11.38 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

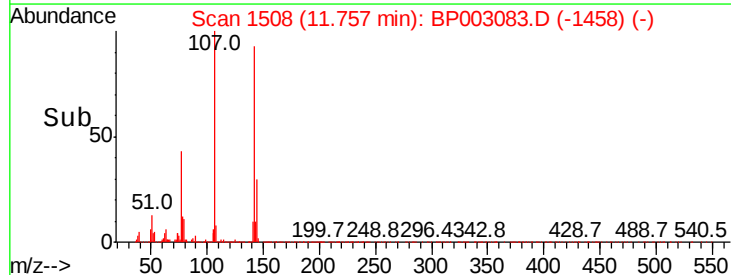
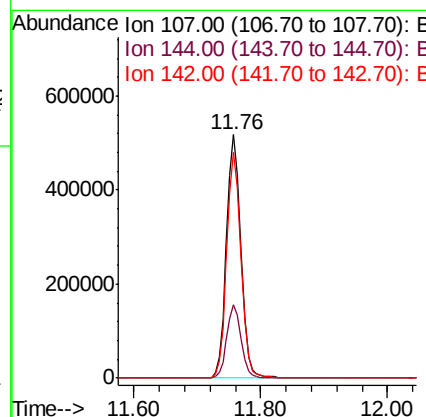
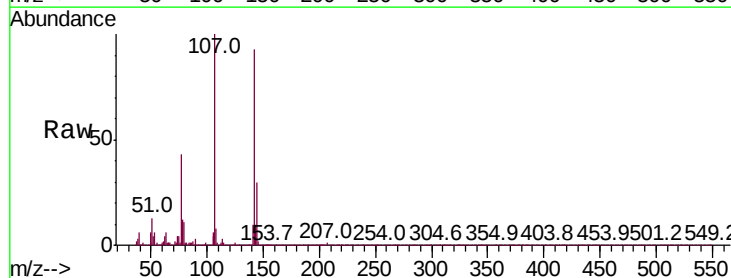
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

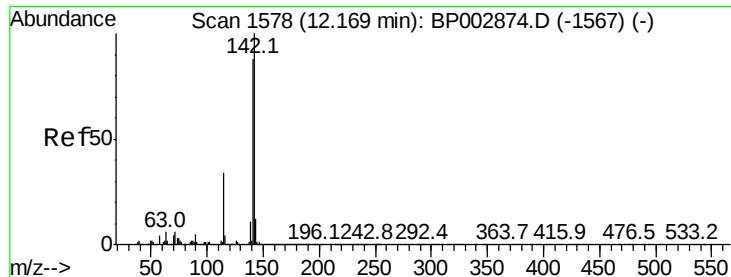
Tot Ion:113 Resp: 148649
 Ion Ratio Lower Upper
 113 100
 55 104.4 87.1 127.1
 56 78.0 61.0 101.0



#36
 4-Chloro-3-methylphenol
 Concen: 44.576 ng
 RT: 11.76 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

Tgt Ion:107 Resp: 823975
 Ion Ratio Lower Upper
 107 100
 144 30.3 23.8 35.6
 142 92.6 74.2 111.4

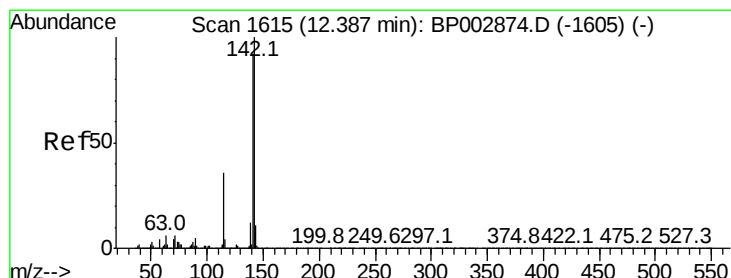
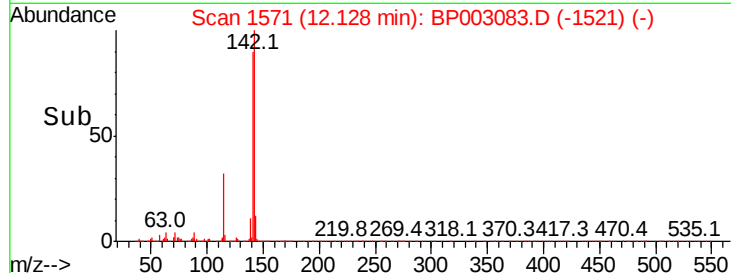
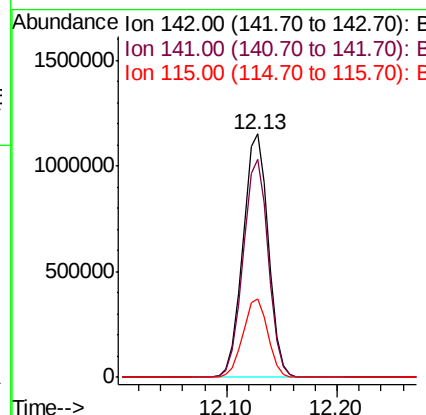
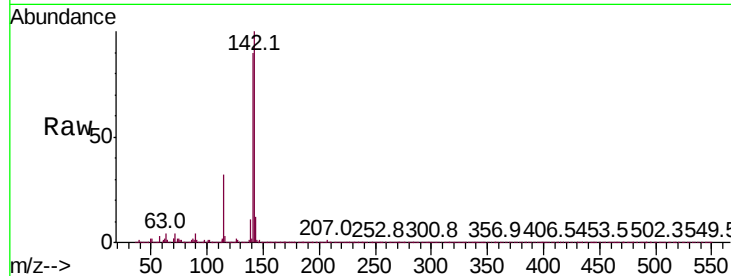




#37
2-Methylnaphthalene
Concen: 42.677 ng
RT: 12.13 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

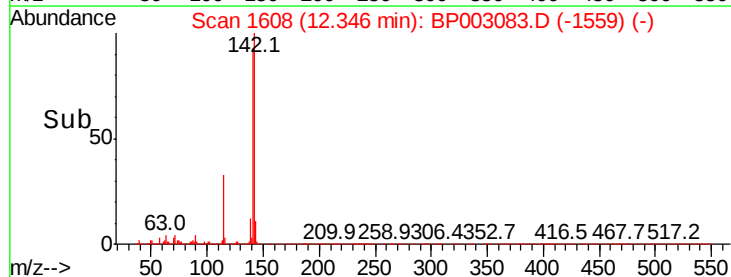
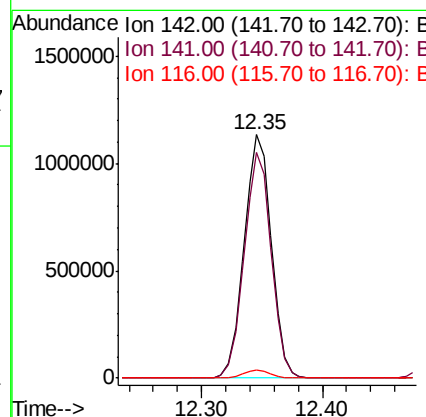
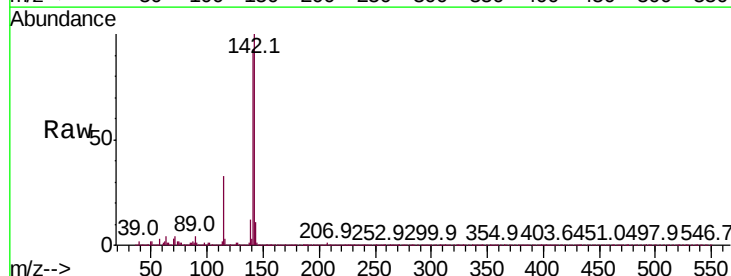
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

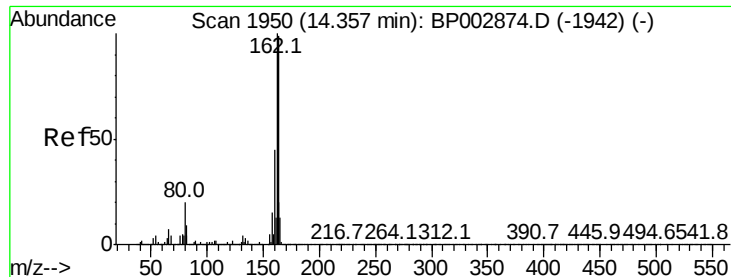
Tot Ion:142 Resp: 1858814
Ion Ratio Lower Upper
142 100
141 89.7 70.5 105.7
115 32.1 25.0 37.4



#38
1-Methylnaphthalene
Concen: 43.398 ng
RT: 12.35 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion:142 Resp: 1779332
Ion Ratio Lower Upper
142 100
141 92.6 73.5 110.3
116 3.5 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

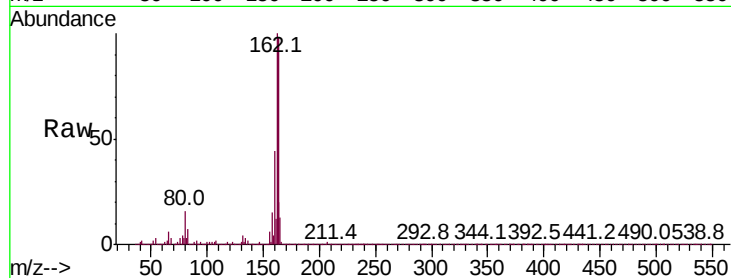
Tot Ion:164 Resp: 675762

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

160 45.3 35.5 53.3

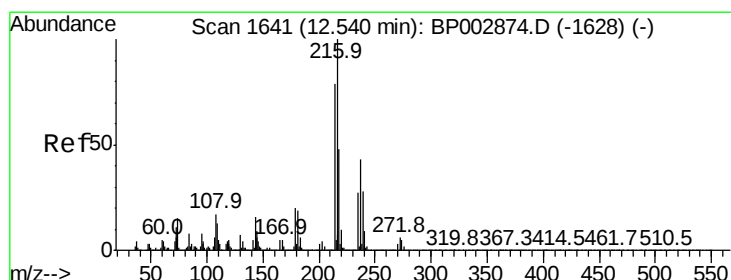
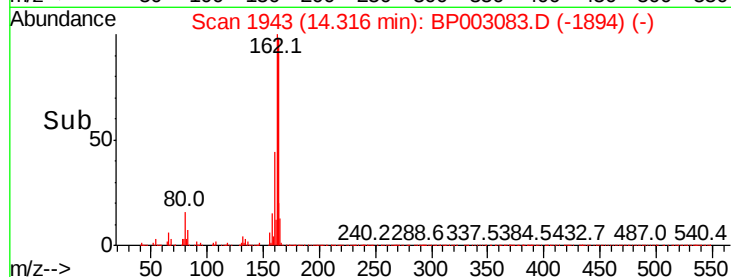
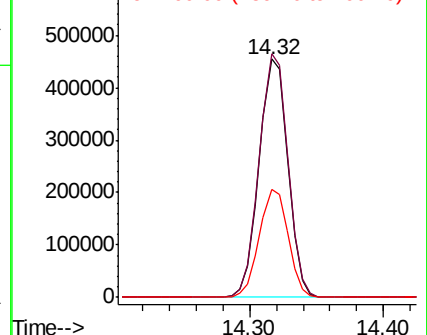


Abundance

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: 36.335 ng

RT: 12.50 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Tgt Ion:216 Resp: 882804

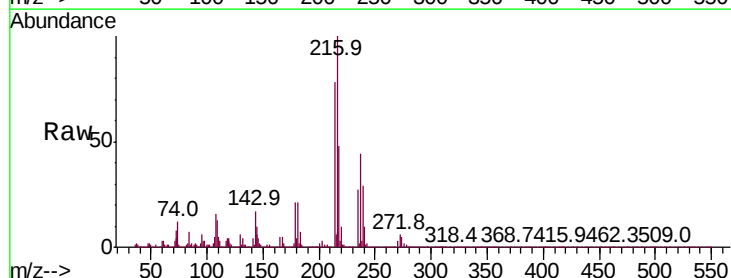
Ion Ratio Lower Upper

216 100

214 78.0 62.6 94.0

179 21.1 17.3 25.9

108 18.1 13.6 20.4



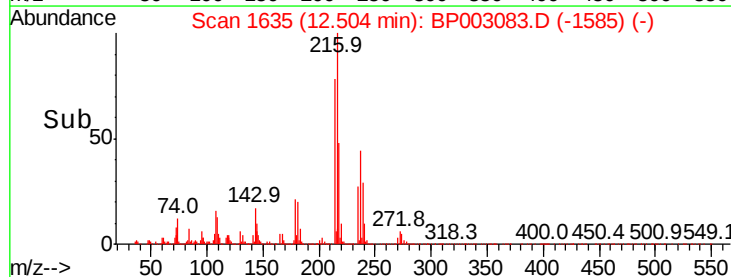
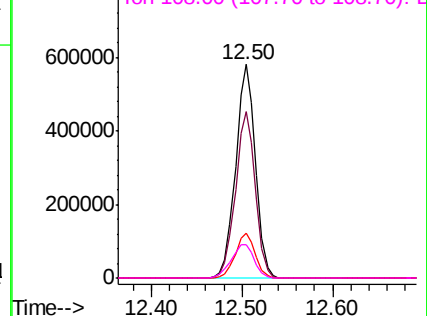
Abundance

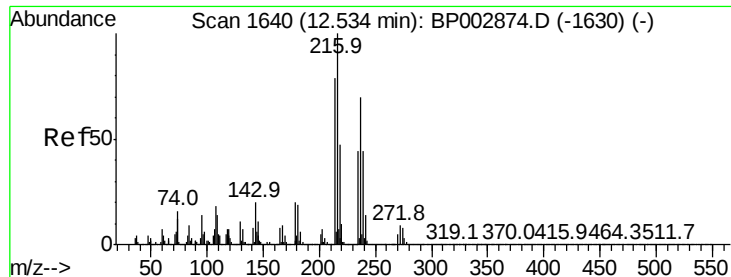
Ion 216.00 (215.70 to 216.70): E

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: 79.860 ng

RT: 12.49 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

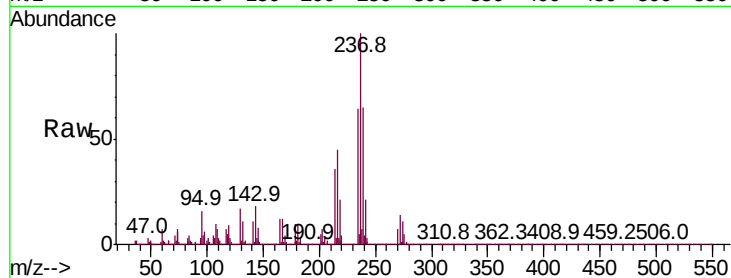
Tot Ion:237 Resp: 1006553

Ion Ratio Lower Upper

237 100

235 63.7 43.8 83.8

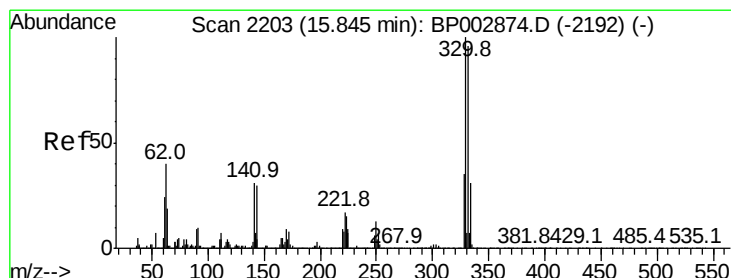
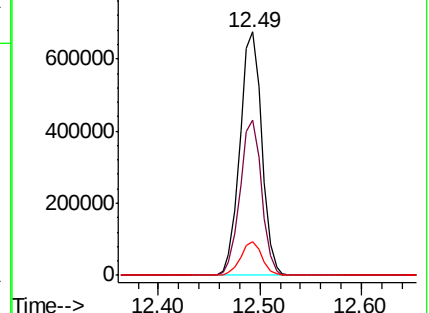
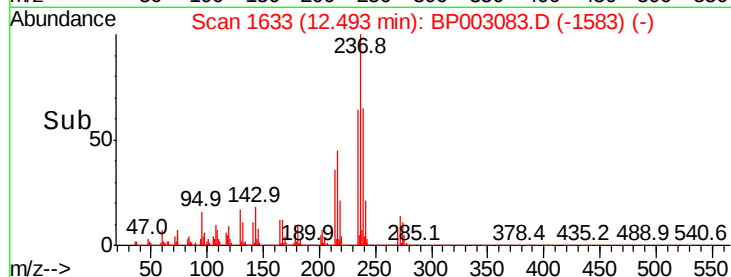
272 13.6 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 135.821 ng

RT: 15.82 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

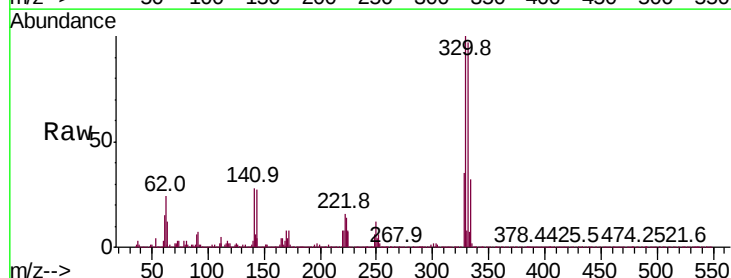
Tgt Ion:330 Resp: 1140756

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

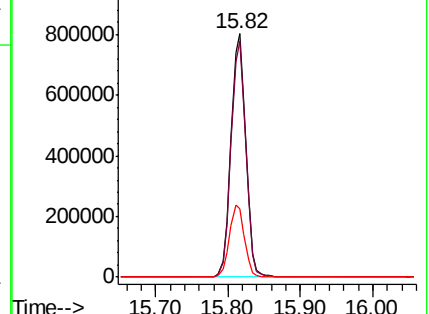
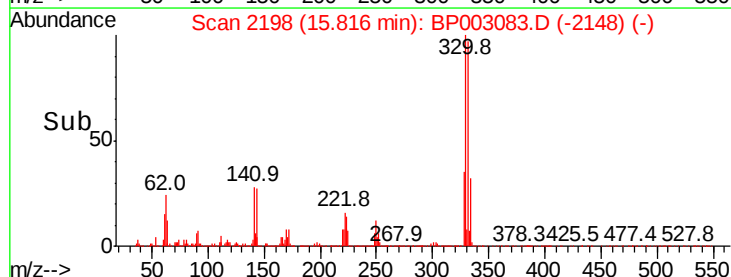
141 30.0 26.7 40.1

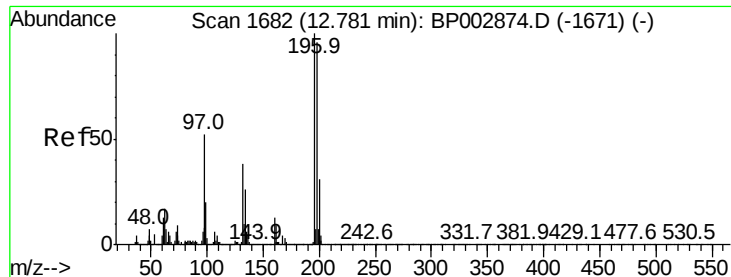


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

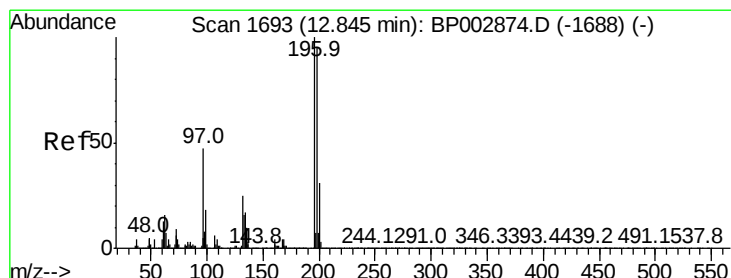
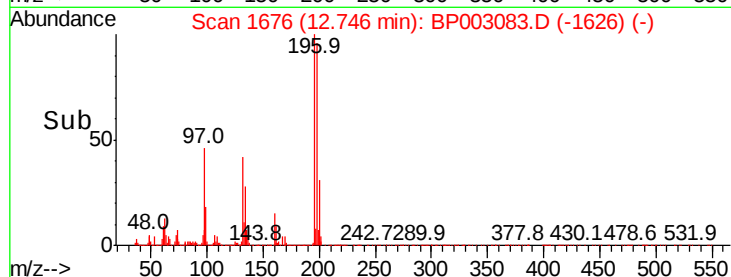
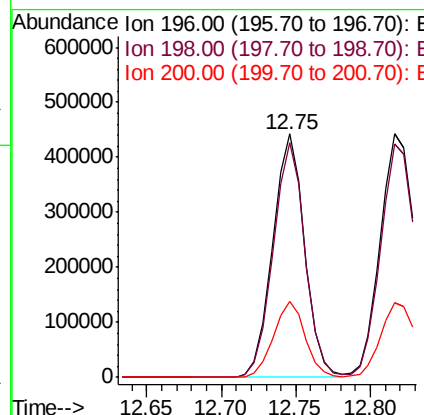
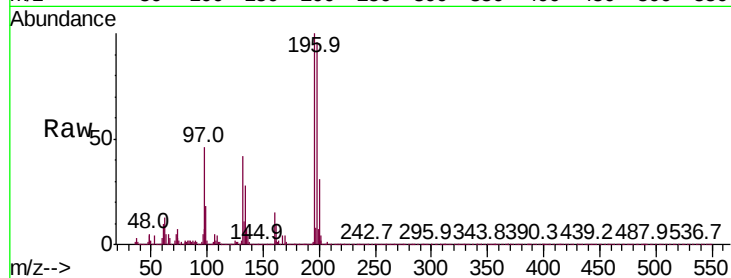




#43
 2,4,6-Trichlorophenol
 Concen: 46.599 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

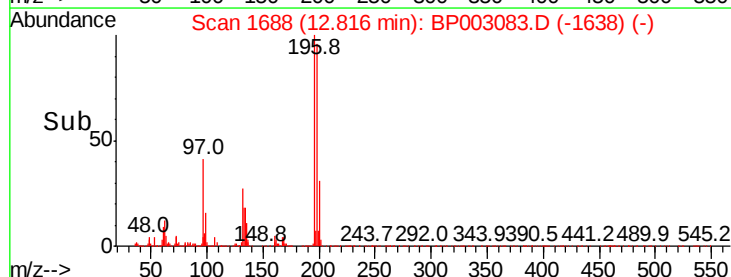
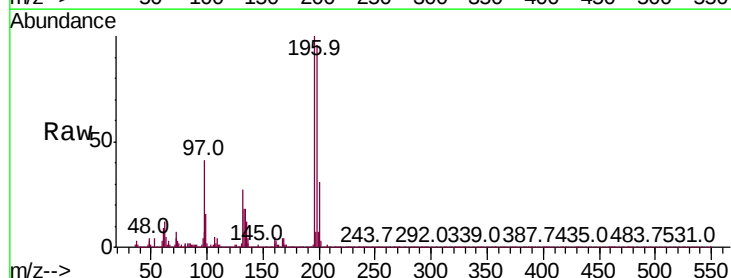
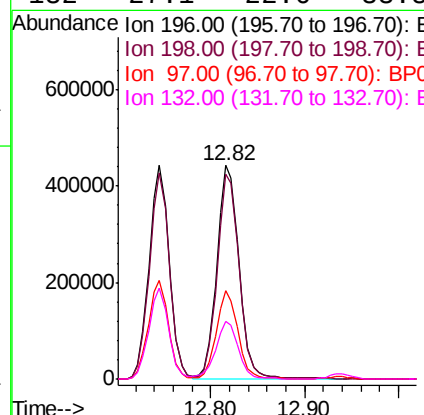
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

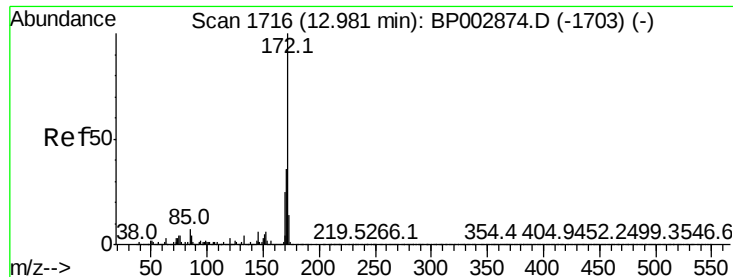
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.2	114.2
200	31.0	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 47.317 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.8	115.2
97	41.2	33.6	50.4
132	27.1	22.6	33.8



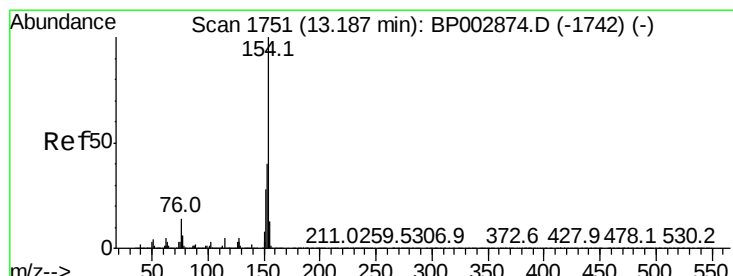
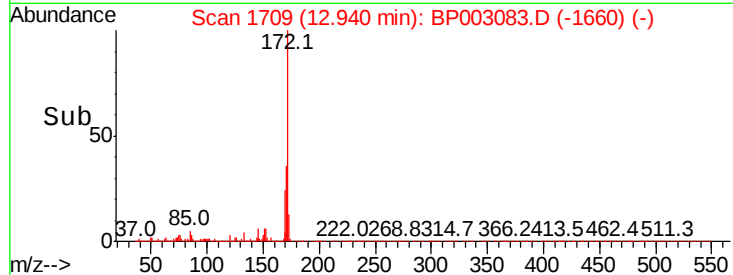
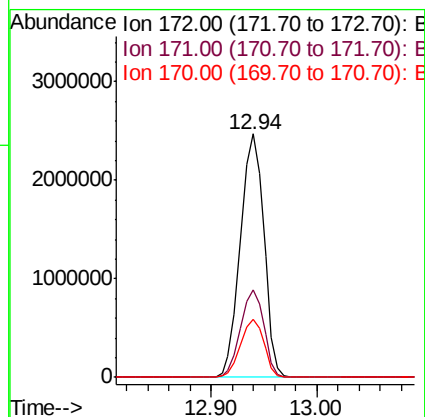
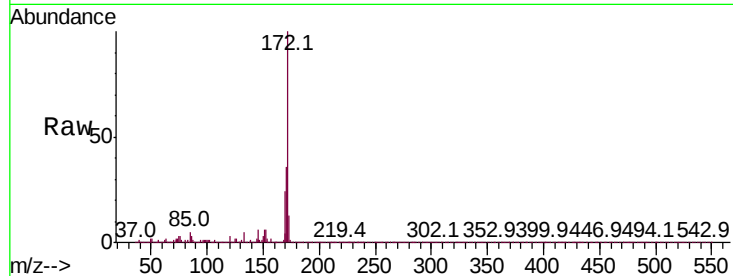


#45
2-Fluorobiphenyl
Concen: 76.747 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

Tot Ion:172 Resp: 3795861

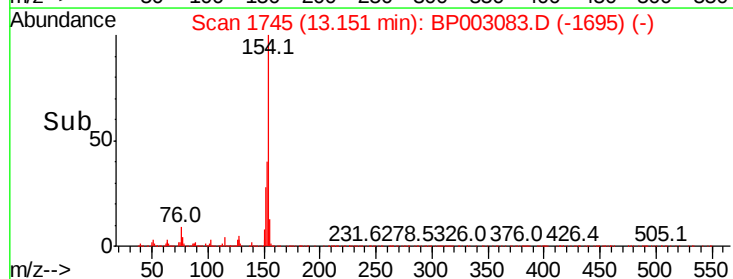
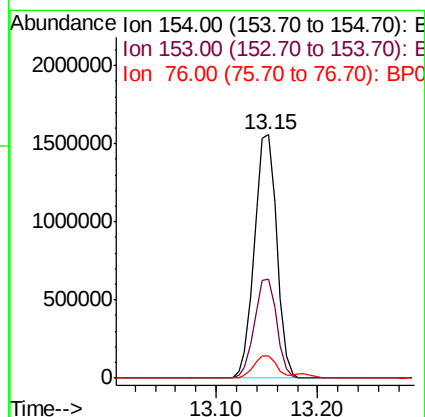
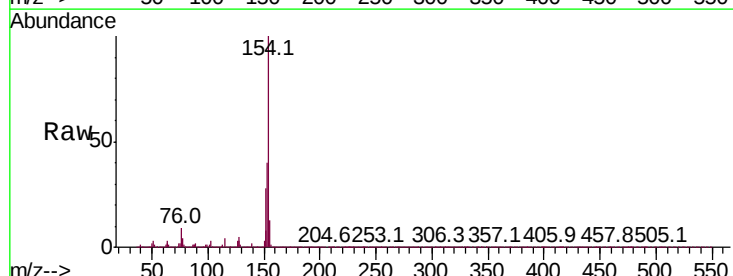
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	23.9	19.1	28.7

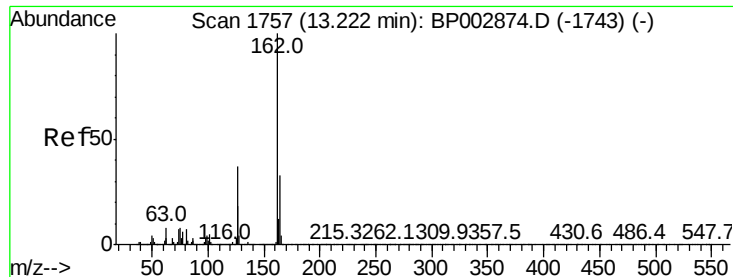


#46
1,1'-Biphenyl
Concen: 42.635 ng
RT: 13.15 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion:154 Resp: 2381783

Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.5	60.5
76	9.1	0.0	30.1

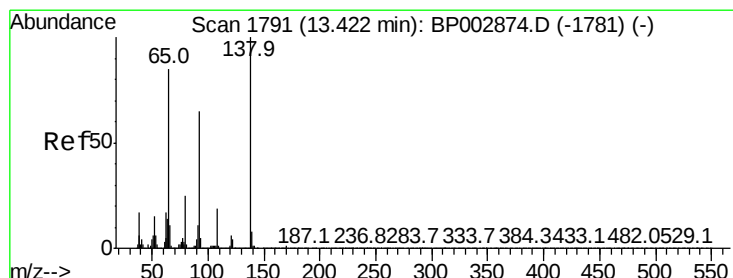
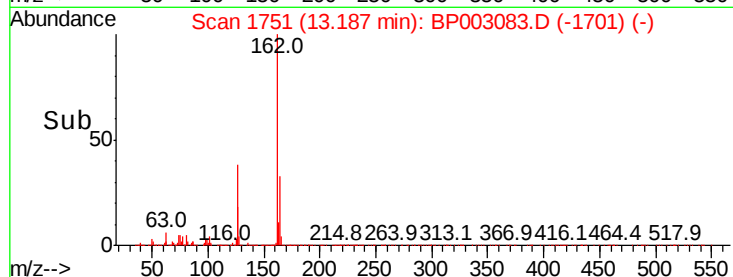
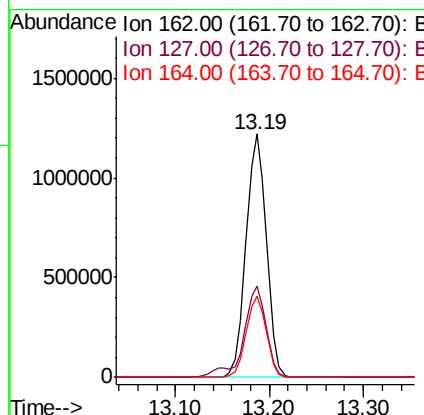
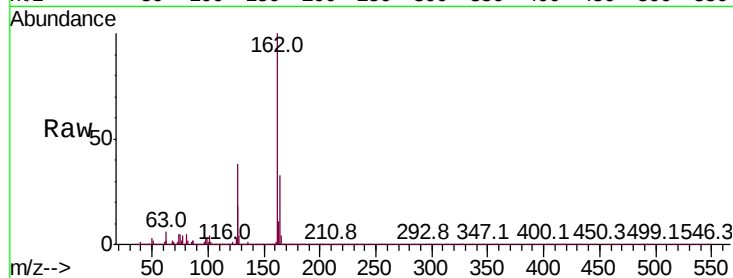




#47
2-Chloronaphthalene
Concen: 41.838 ng
RT: 13.19 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

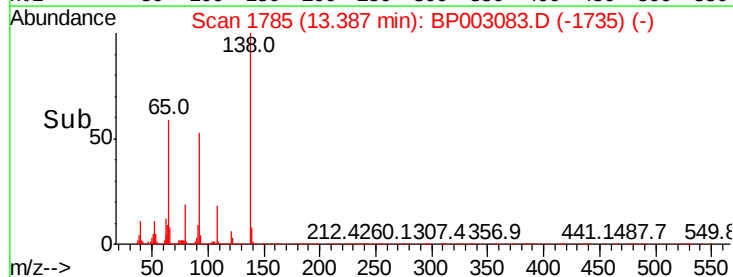
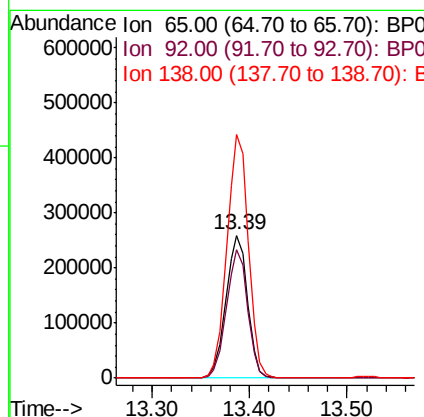
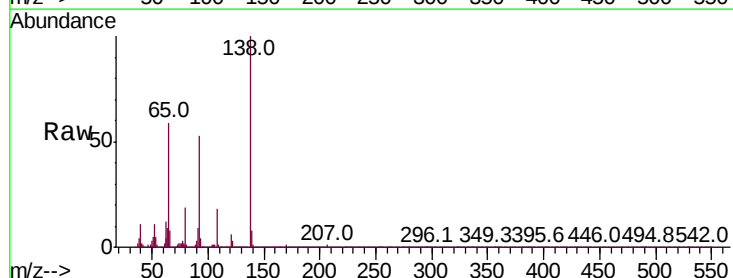
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

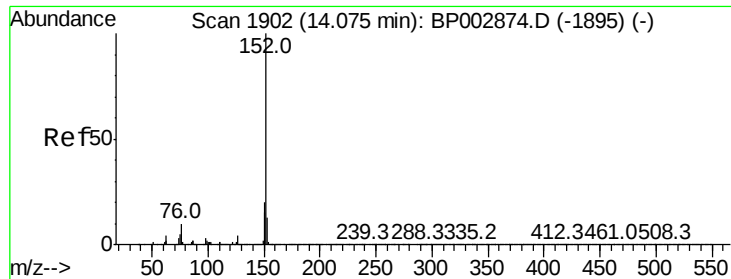
Tot Ion:162 Resp: 1830228
Ion Ratio Lower Upper
162 100
127 37.6 30.6 46.0
164 33.5 26.5 39.7



#48
2-Nitroaniline
Concen: 37.175 ng
RT: 13.39 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion: 65 Resp: 394982
Ion Ratio Lower Upper
65 100
92 89.9 70.1 105.1
138 170.9 129.7 194.5





#49

Acenaphthylene

Concen: 44.152 ng

RT: 14.03 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

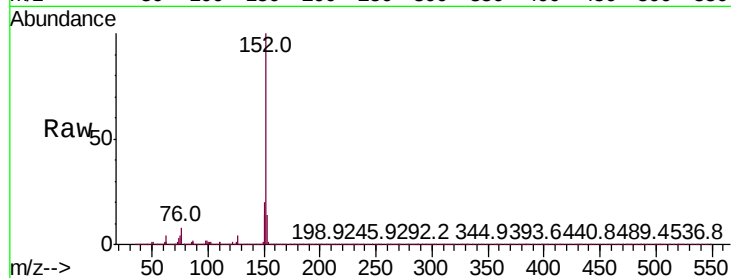
BNA_P

ClientSampleId :

OR-03-082020MS

Tot Ion:152 Resp: 3029066

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.5	24.7
153	13.7	10.7	16.1

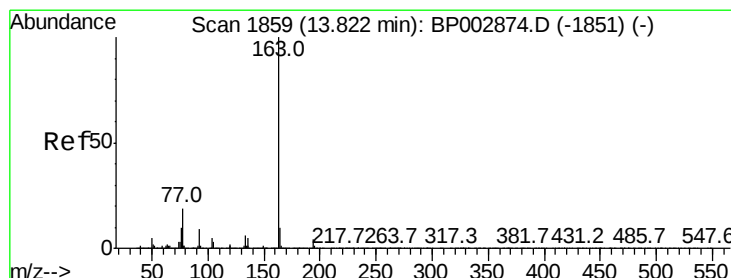
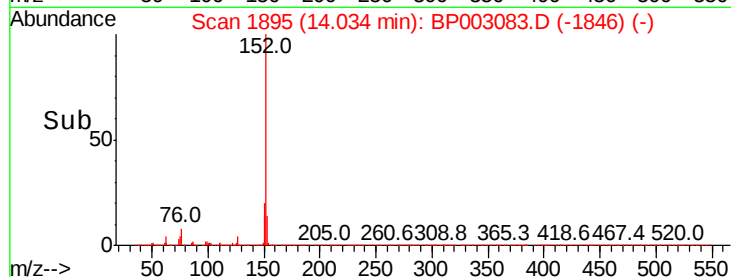
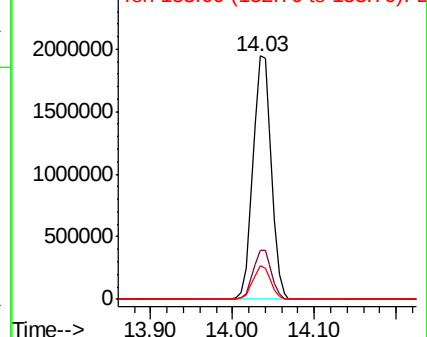


Abundance

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: 45.743 ng

RT: 13.78 min Scan# 1852

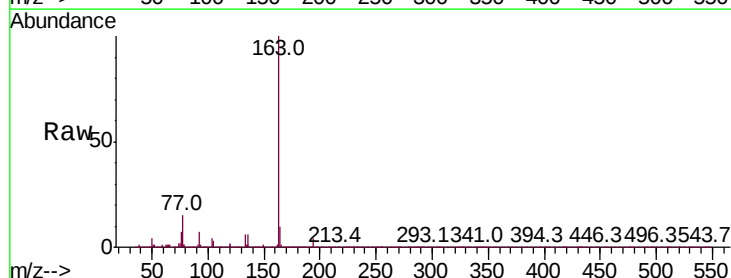
Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Tgt Ion:163 Resp: 2417650

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.4	8.1	12.1

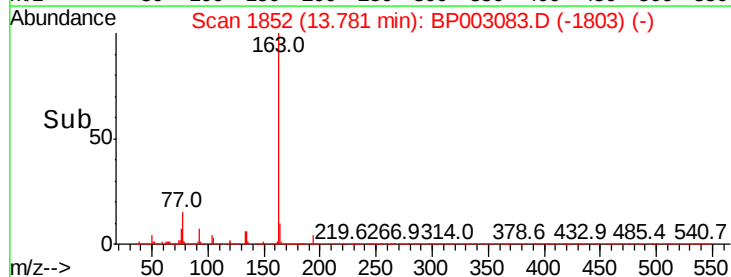
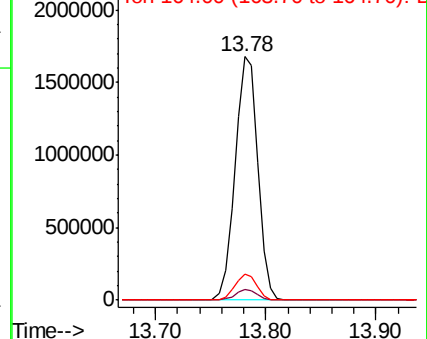


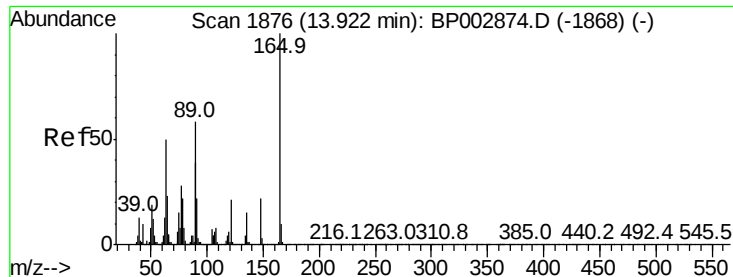
Abundance

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: 46.711 ng

RT: 13.89 min Scan# 1871

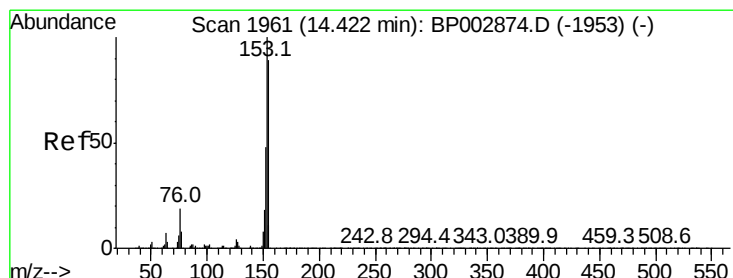
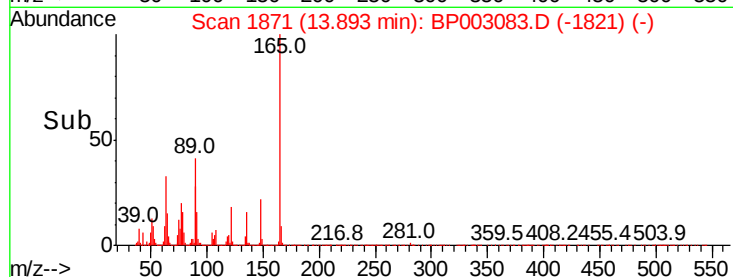
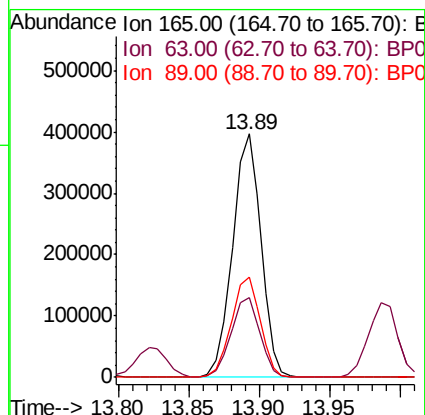
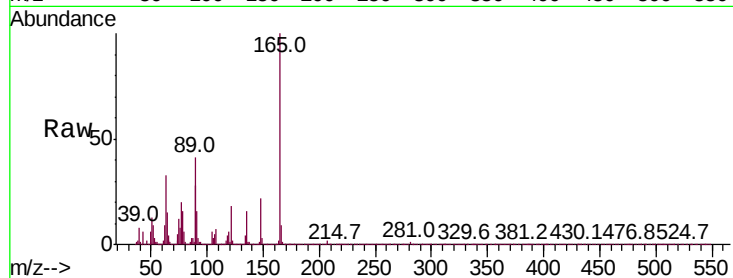
Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	32.9	28.1	42.1
89	41.3	34.5	51.7



#52

Acenaphthene

Concen: 40.124 ng

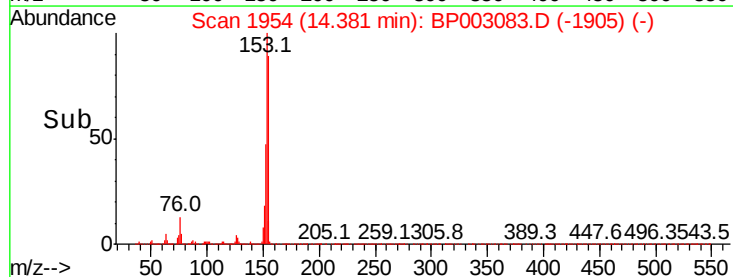
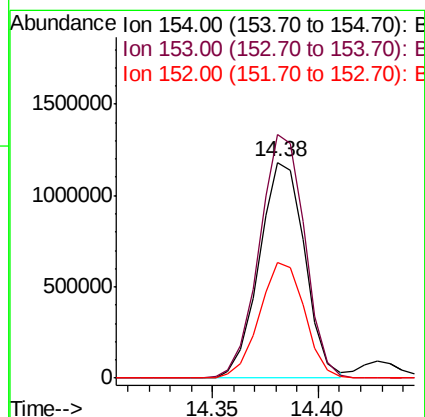
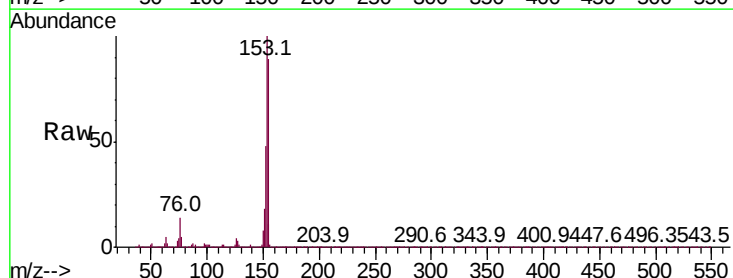
RT: 14.38 min Scan# 1954

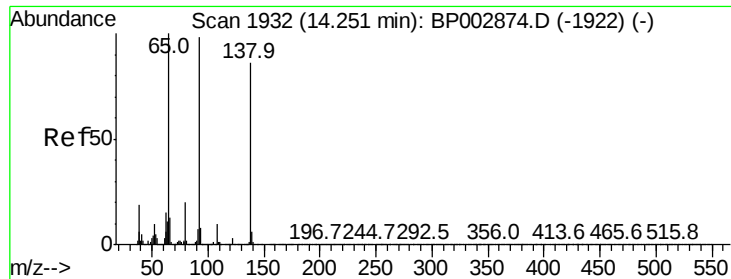
Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.0	89.5	134.3
152	53.8	42.7	64.1

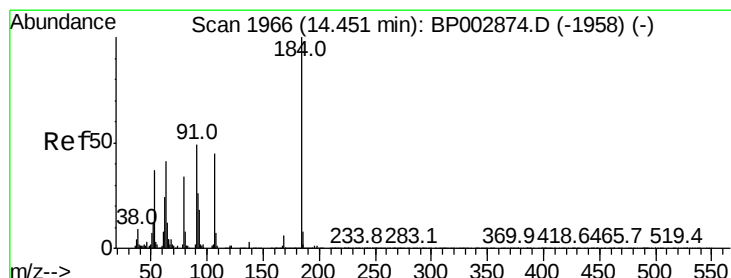
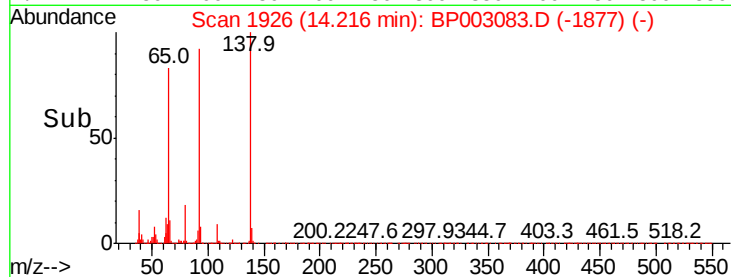
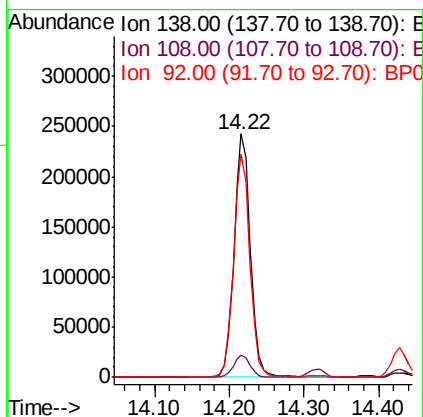
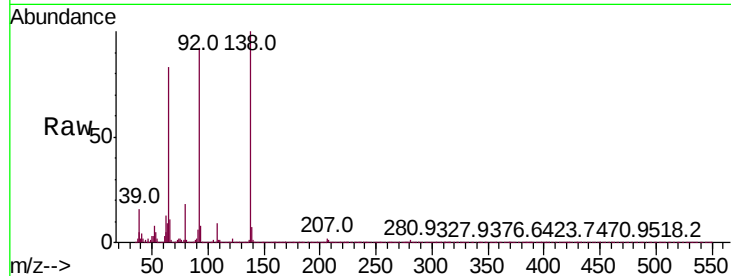




#53
3-Nitroaniline
Concen: 30.663 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

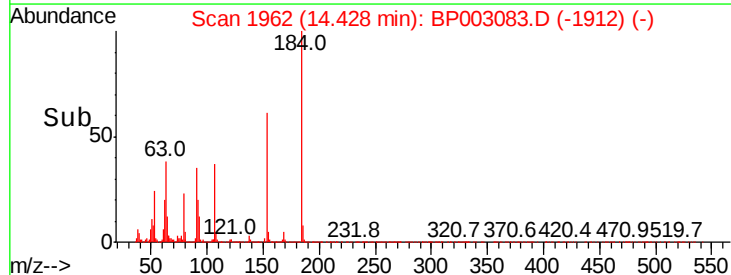
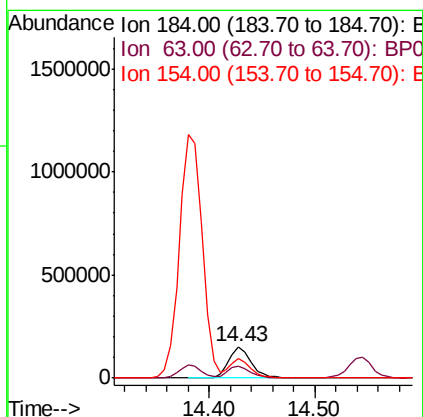
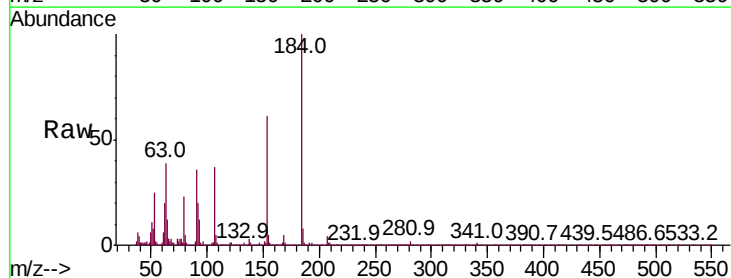
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

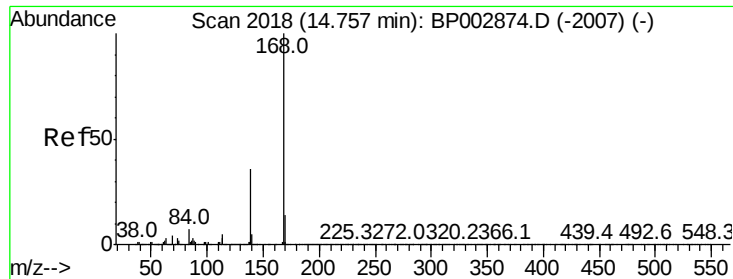
Tot Ion:138 Resp: 367731
Ion Ratio Lower Upper
138 100
108 9.2 7.7 11.5
92 91.7 75.6 113.4



#54
2,4-Dinitrophenol
Concen: 48.844 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion:184 Resp: 227650
Ion Ratio Lower Upper
184 100
63 38.5 33.0 49.6
154 61.0 46.8 70.2





#55

Dibenzofuran

Concen: 41.282 ng

RT: 14.72 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

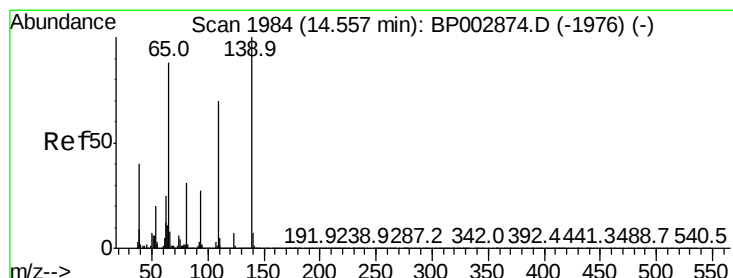
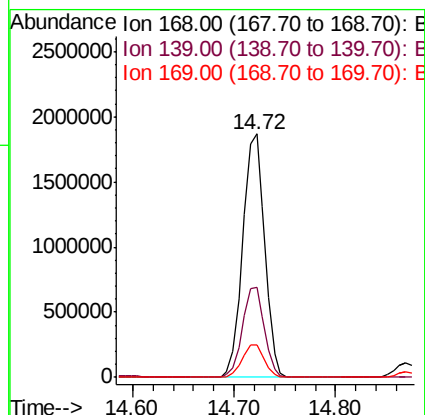
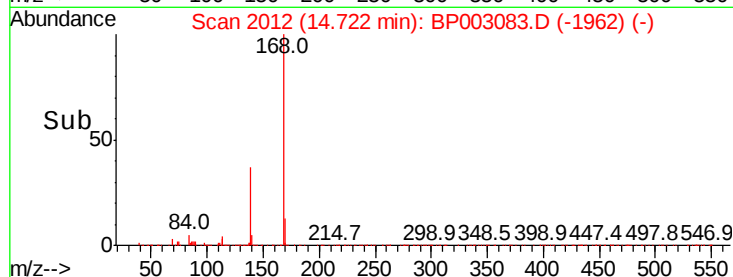
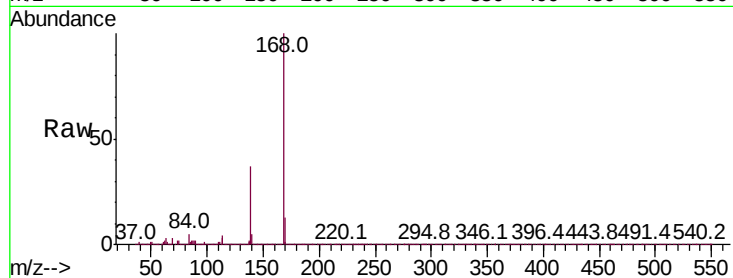
Tot Ion:168 Resp: 2792131

Ion Ratio Lower Upper

168 100

139 37.0 30.4 45.6

169 13.4 11.0 16.4



#56

4-Nitrophenol

Concen: 96.884 ng

RT: 14.55 min Scan# 1982

Delta R.T. 0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

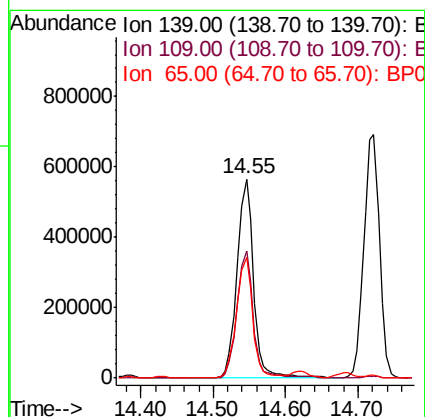
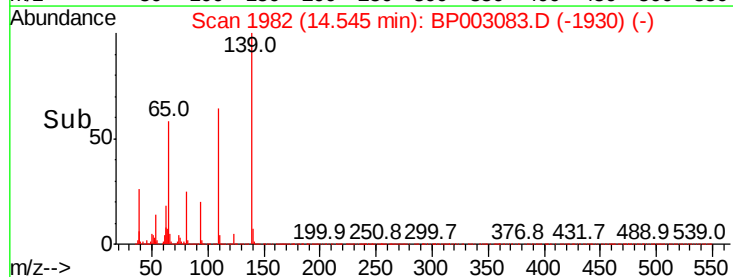
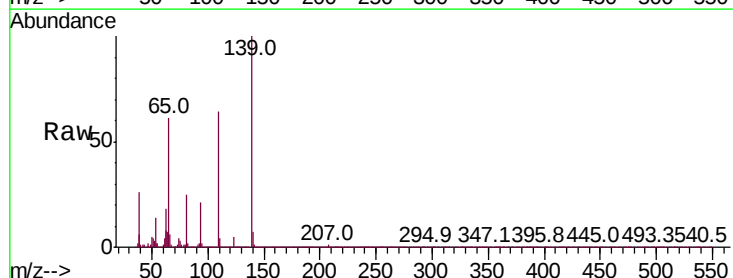
Tgt Ion:139 Resp: 908017

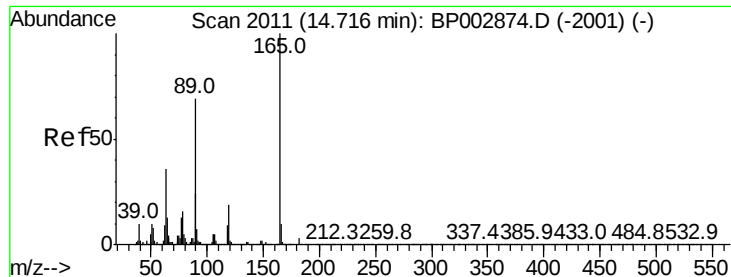
Ion Ratio Lower Upper

139 100

109 63.8 41.1 81.1

65 60.9 44.4 84.4

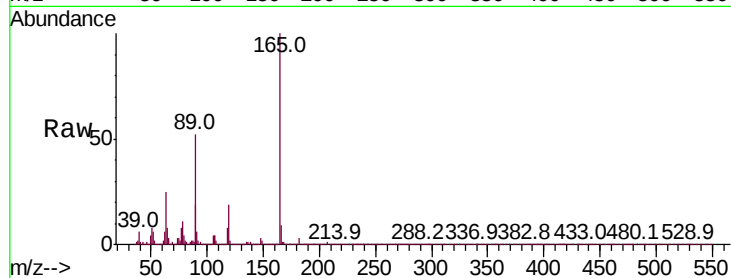




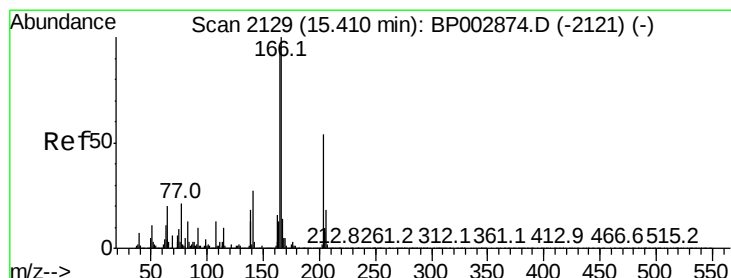
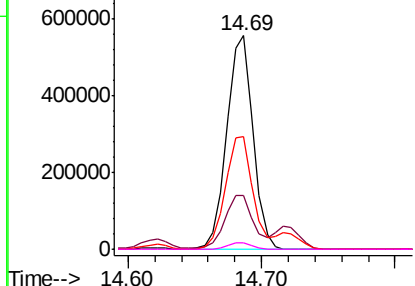
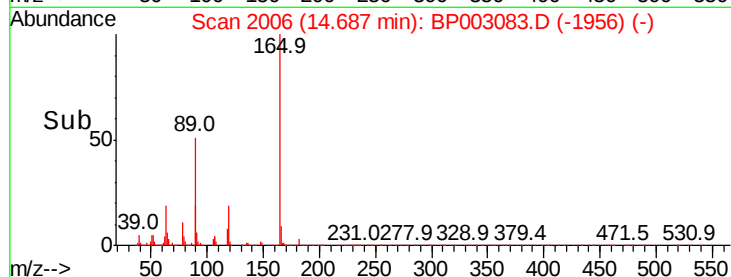
#57
2,4-Dinitrotoluene
Concen: 48.783 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

Tot Ion:165	Resp:	767041
Ion	Ratio	Lower Upper
165	100	
63	25.1	20.6 31.0
89	52.5	43.4 65.0
182	3.0	2.3 3.5

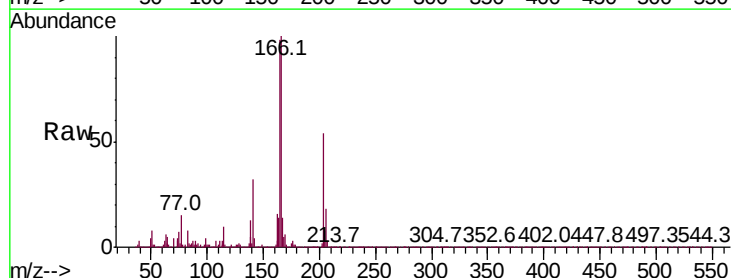


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

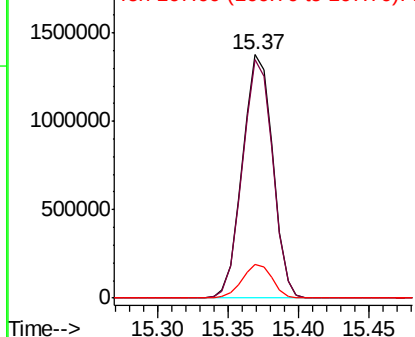
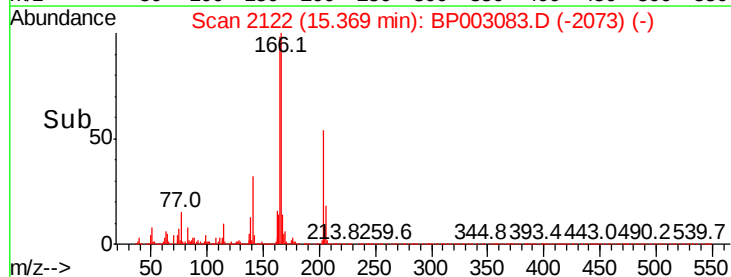


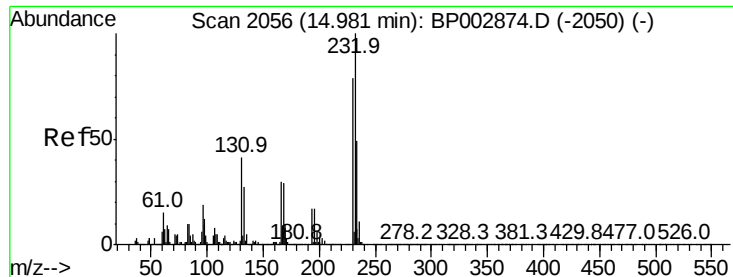
#58
Fluorene
Concen: 39.189 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion:166	Resp:	2075292
Ion	Ratio	Lower Upper
166	100	
165	98.0	78.1 117.1
167	13.8	10.9 16.3



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

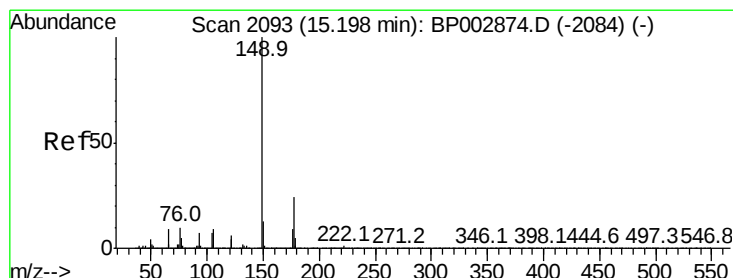
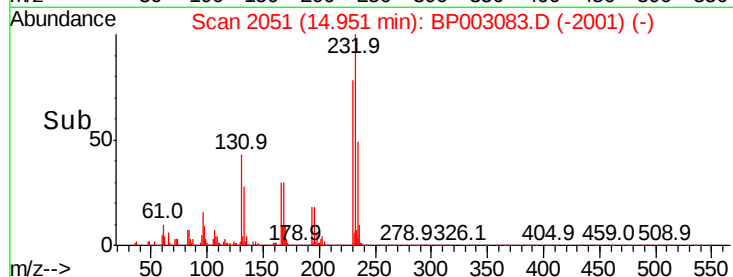
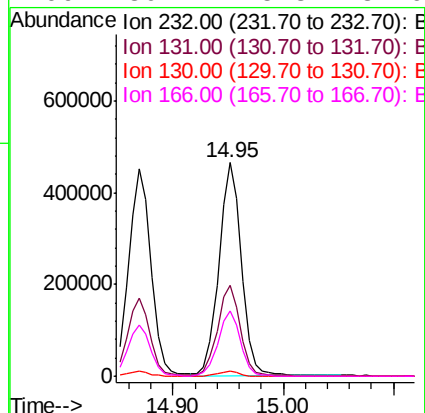
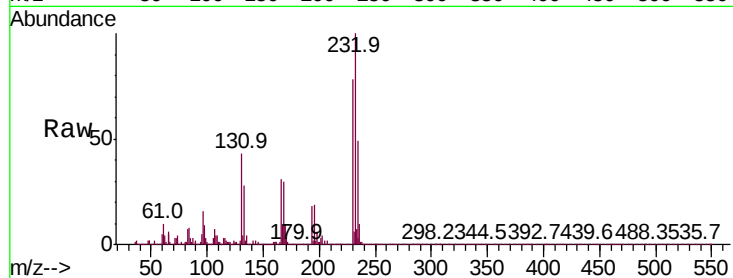




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.903 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

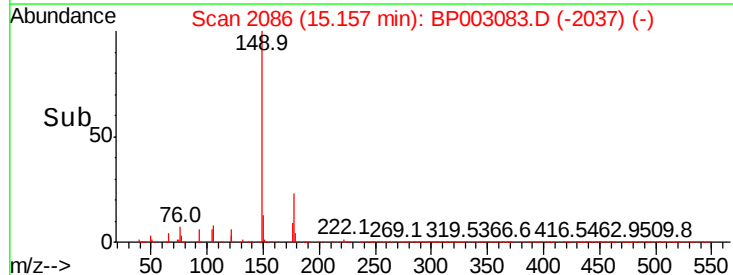
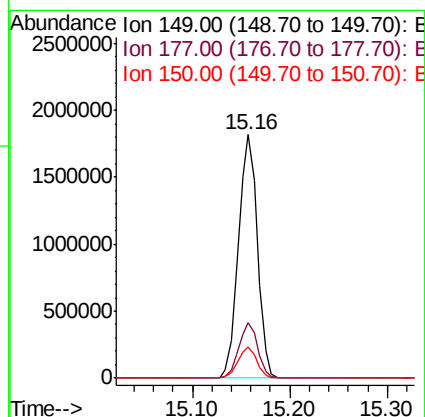
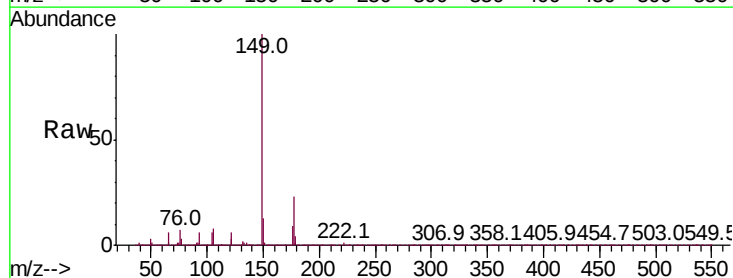
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

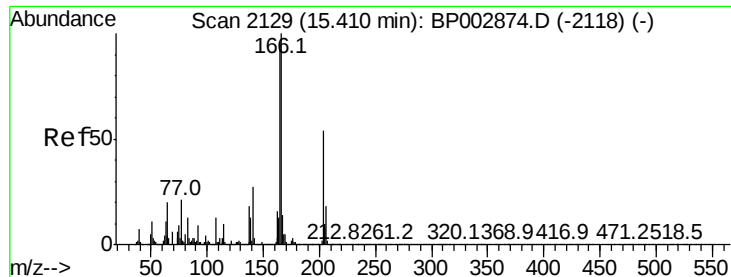
Tot Ion:	232	Resp:	656089
Ion	Ratio	Lower	Upper
232	100		
131	43.0	35.4	53.2
130	2.1	1.8	2.6
166	30.7	25.3	37.9



#60
 Diethylphthalate
 Concen: 47.086 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

Tgt Ion:	149	Resp:	2431831
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.6	27.8
150	12.7	10.2	15.4

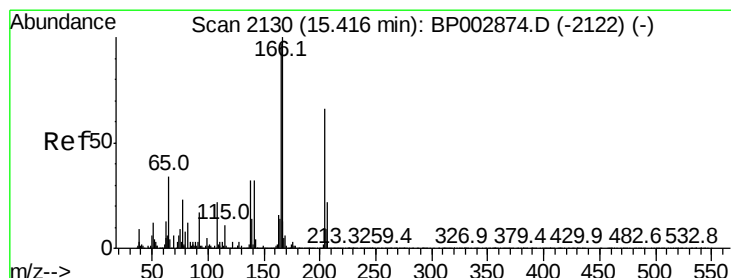
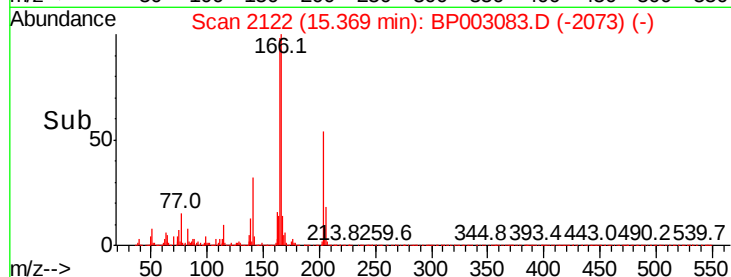
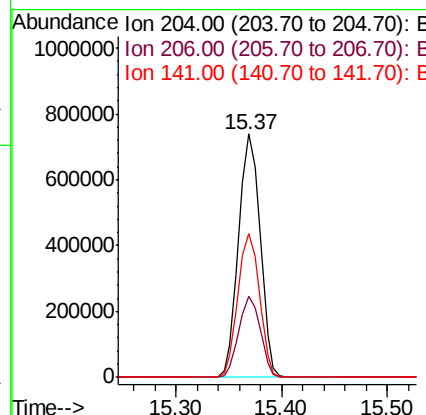
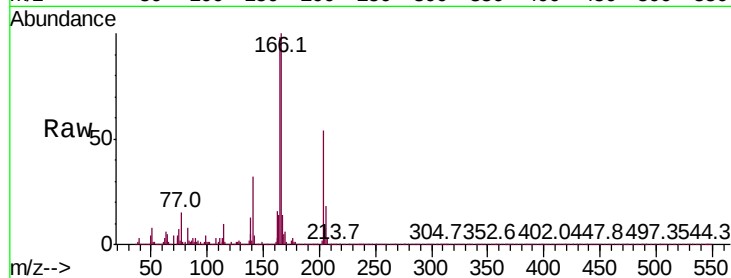




#61
4-Chlorophenyl-phenylether
Concen: 38.265 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

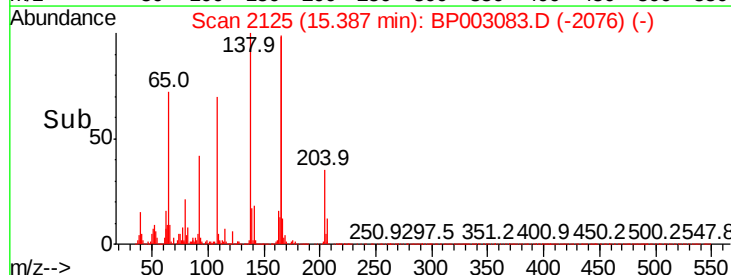
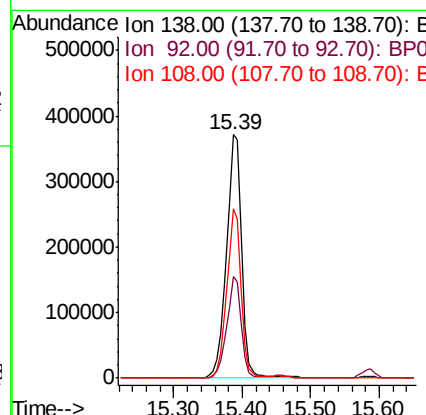
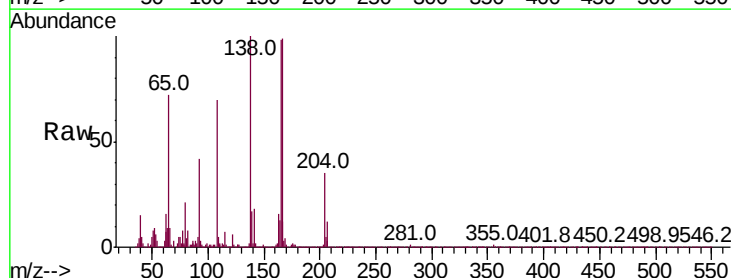
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

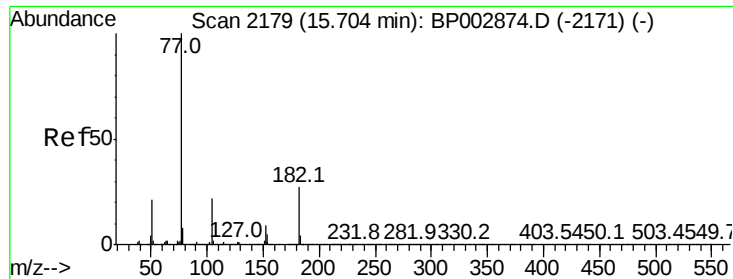
Tot Ion:204 Resp: 1042887
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 59.1 45.9 68.9



#62
4-Nitroaniline
Concen: 46.946 ng
RT: 15.39 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion:138 Resp: 575091
Ion Ratio Lower Upper
138 100
92 41.6 21.4 61.4
108 69.6 40.8 80.8



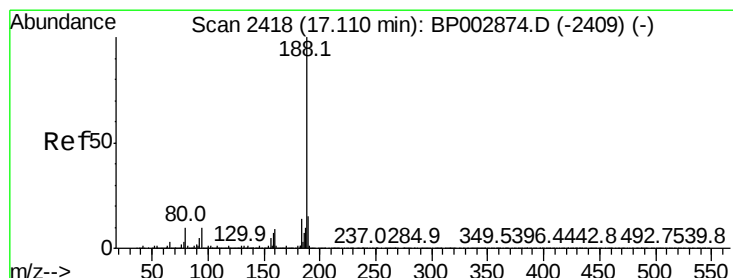
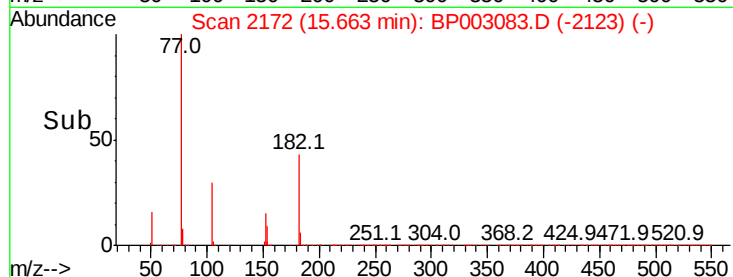
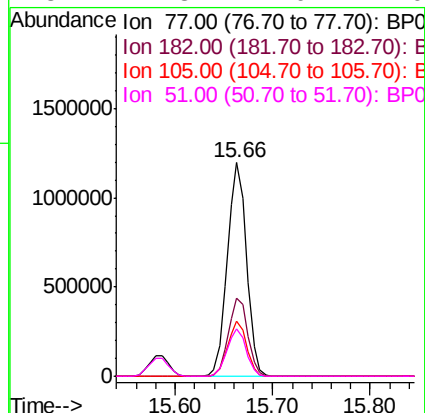
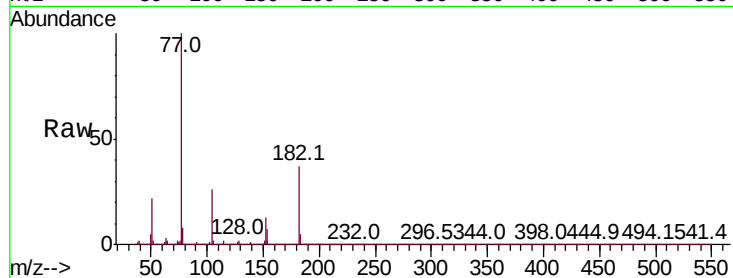


#63
Azobenzene
Concen: 31.229 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

Tot Ion: 77 Resp: 1623717

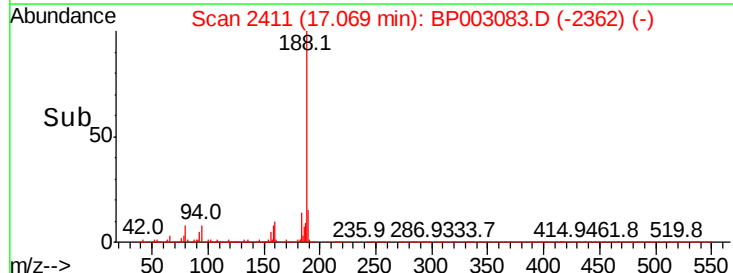
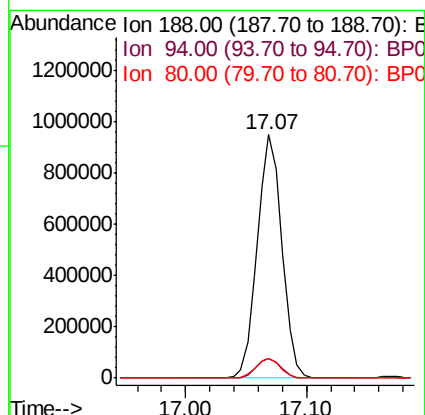
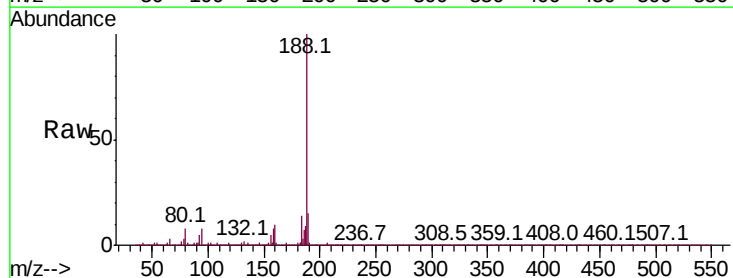
Ion	Ratio	Lower	Upper
77	100		
182	36.5	15.4	55.4
105	25.8	5.8	45.8
51	22.3	1.0	41.0

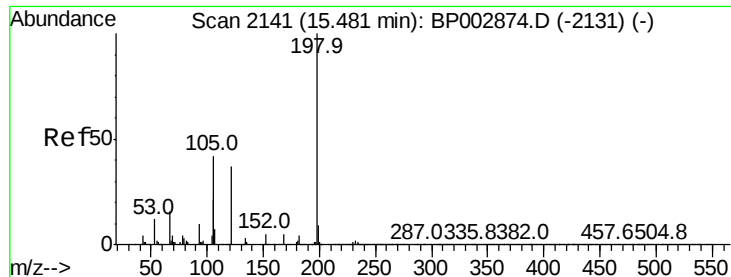


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion: 188 Resp: 1348450

Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.1	10.7
80	8.2	6.7	10.1

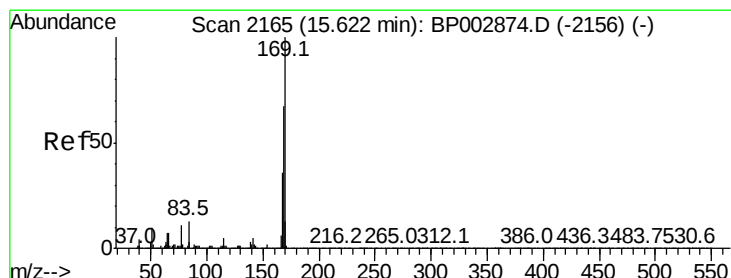
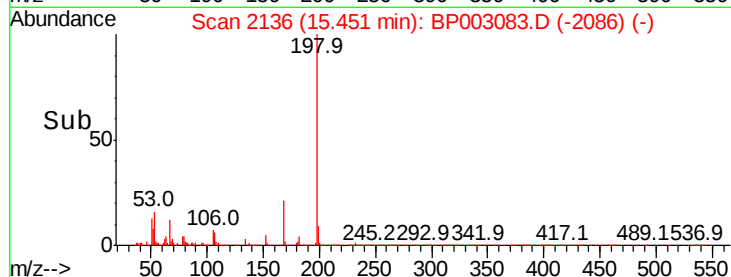
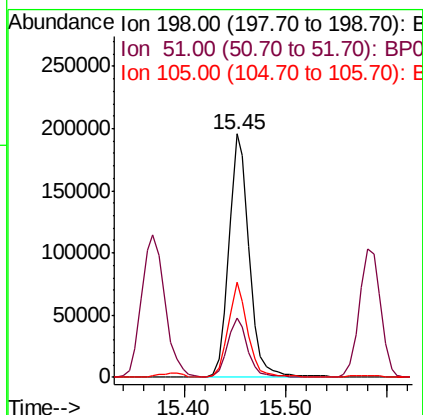
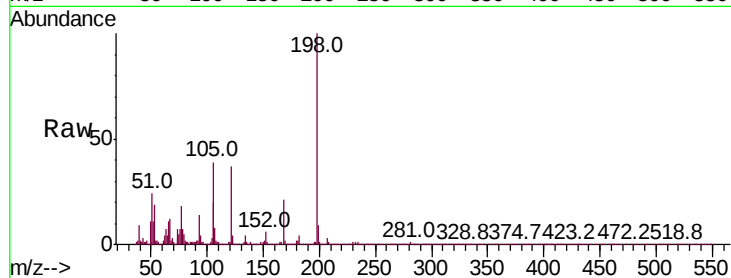




#65
4,6-Dinitro-2-methylphenol
Concen: 39.863 ng
RT: 15.45 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

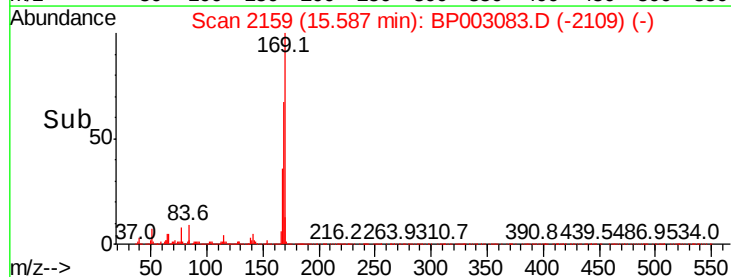
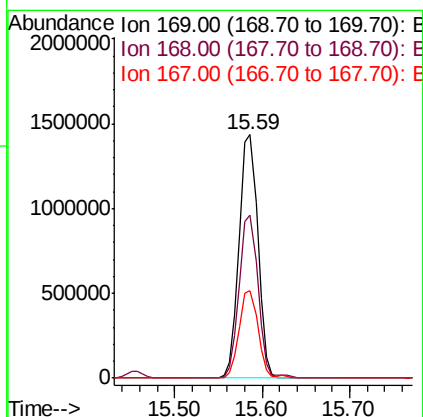
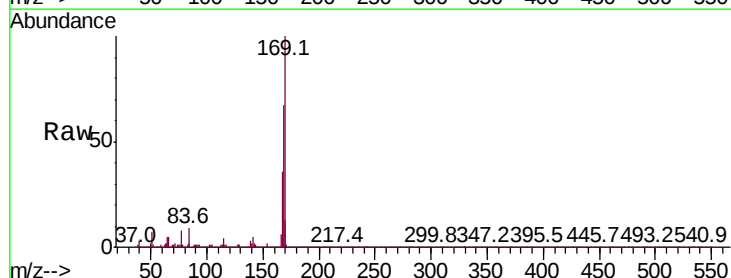
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

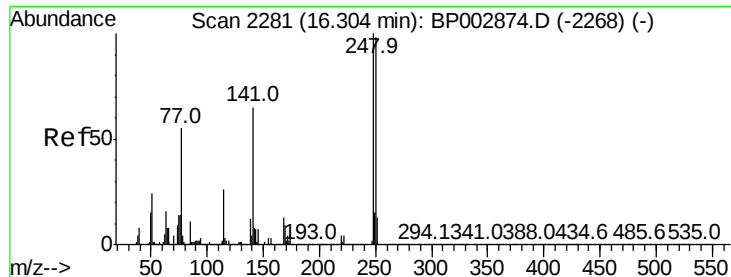
Tot Ion:198 Resp: 270478
Ion Ratio Lower Upper
198 100
51 24.4 6.2 46.2
105 39.0 19.9 59.9



#66
n-Nitrosodiphenylamine
Concen: 45.914 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion:169 Resp: 2050460
Ion Ratio Lower Upper
169 100
168 67.1 53.4 80.2
167 36.1 28.8 43.2

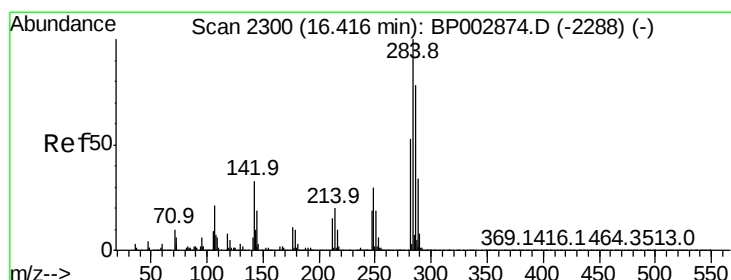
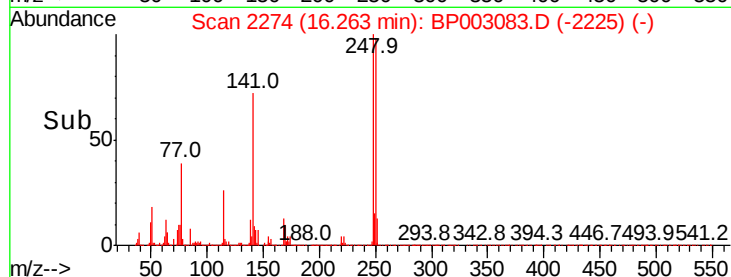
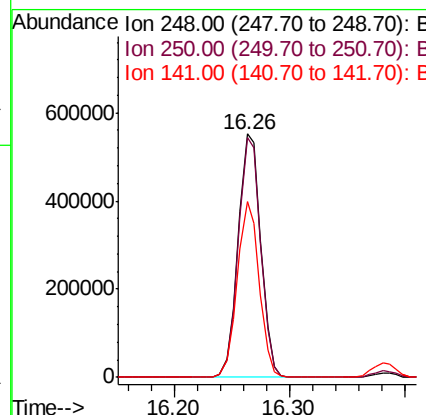
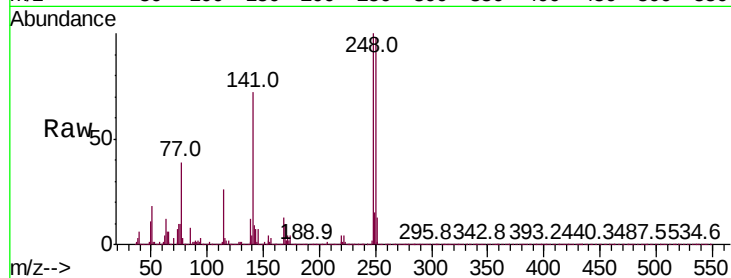




#67
4-Bromophenyl-phenylether
Concen: 45.717 ng
RT: 16.26 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

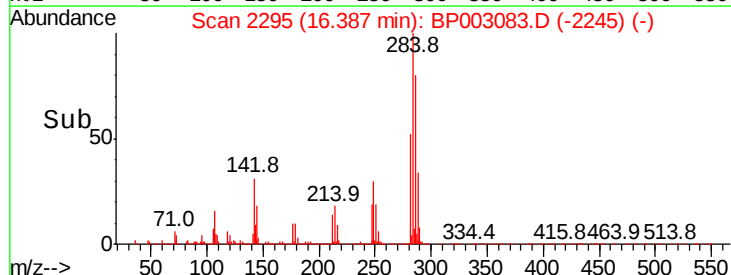
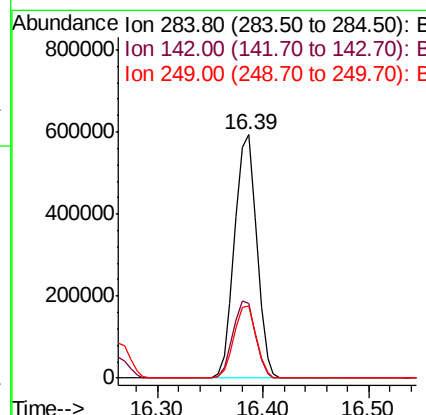
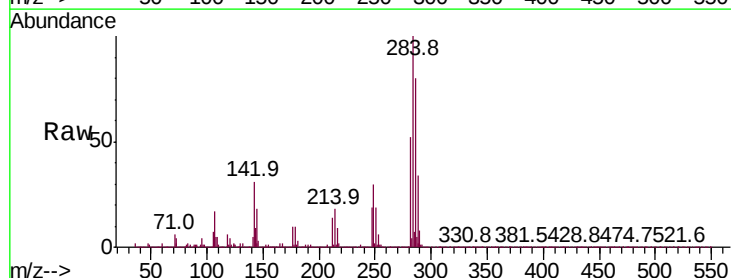
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

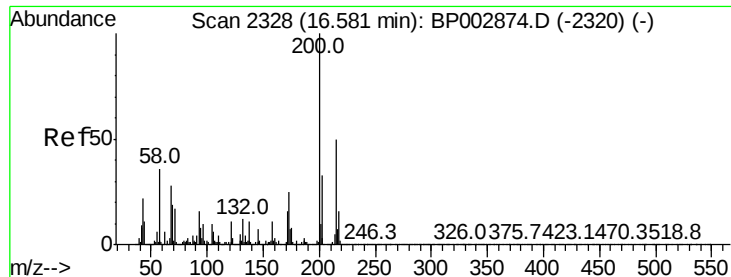
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	78.7	118.1
141	72.4	57.8	86.6



#68
Hexachlorobenzene
Concen: 45.064 ng
RT: 16.39 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.7	27.6	41.4
249	29.8	24.6	37.0





#69

Atrazine

Concen: 44.297 ng

RT: 16.55 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

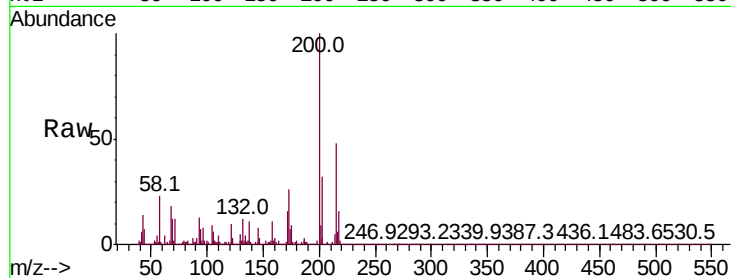
Tot Ion:200 Resp: 670225

Ion Ratio Lower Upper

200 100

173 26.0 7.5 47.5

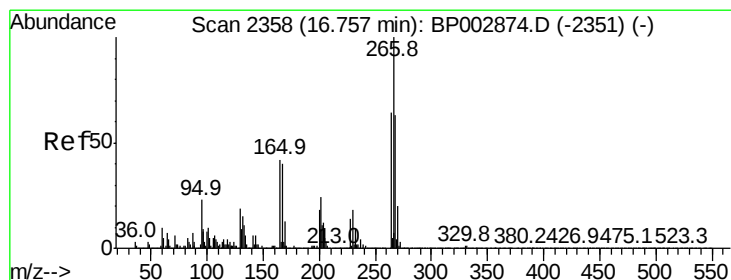
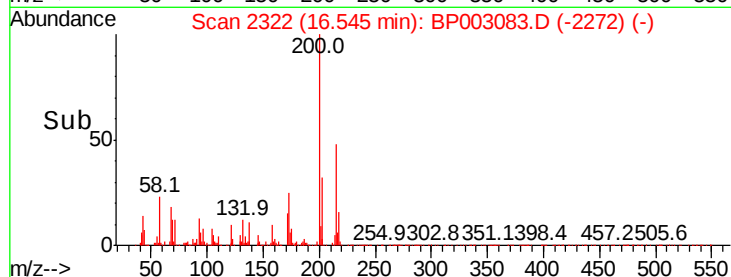
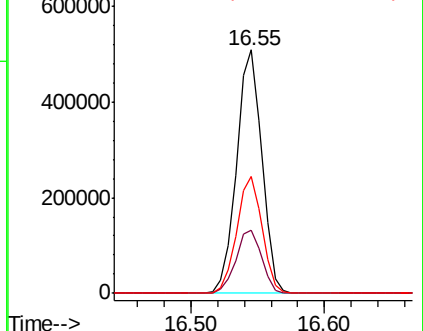
215 48.1 27.6 67.6



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: 106.292 ng

RT: 16.73 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

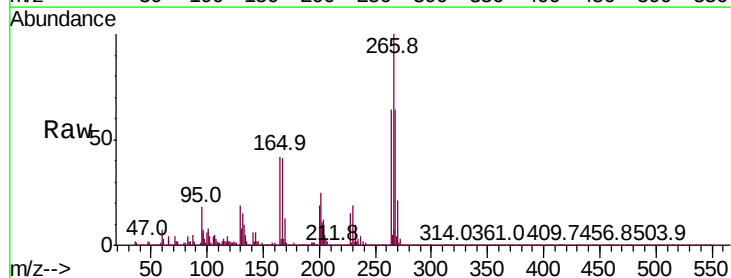
Tgt Ion:266 Resp: 1045886

Ion Ratio Lower Upper

266 100

268 64.0 50.9 76.3

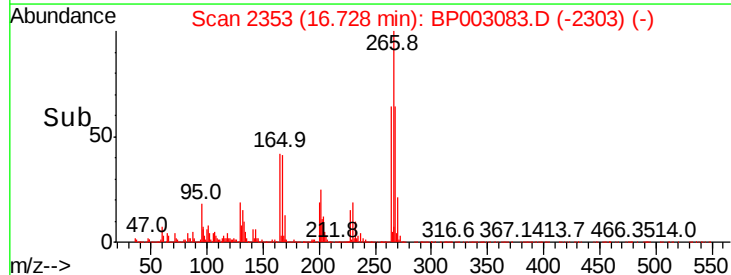
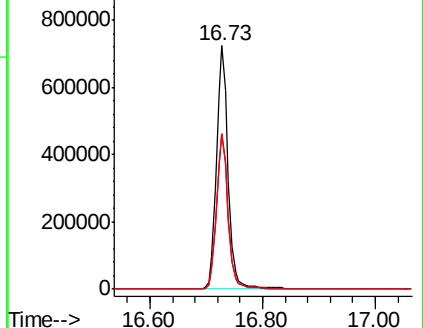
264 63.7 50.4 75.6

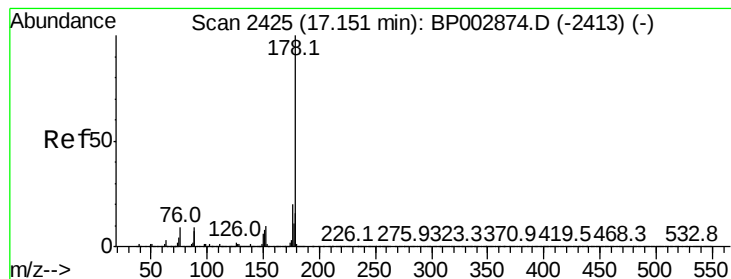


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.861 ng

RT: 17.12 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

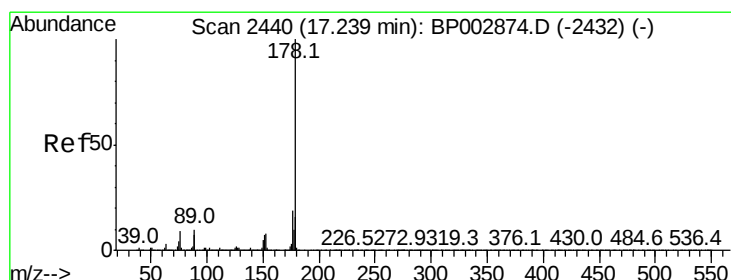
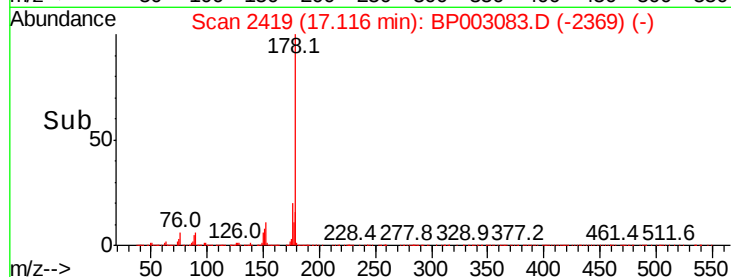
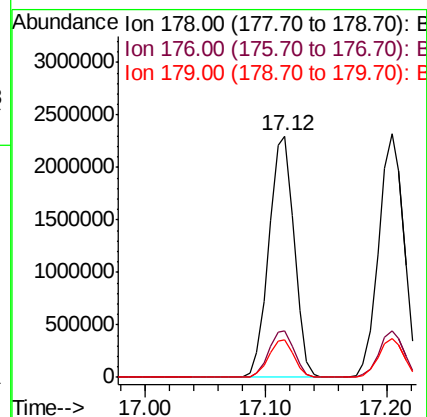
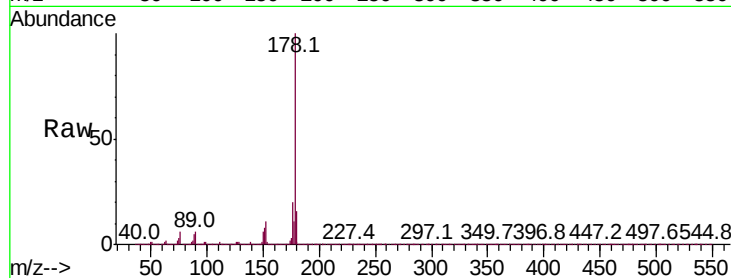
BNA_P

ClientSampleId :

OR-03-082020MS

Tot Ion:178 Resp: 3310023

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.7	12.9	19.3



#72

Anthracene

Concen: 43.698 ng

RT: 17.20 min Scan# 2434

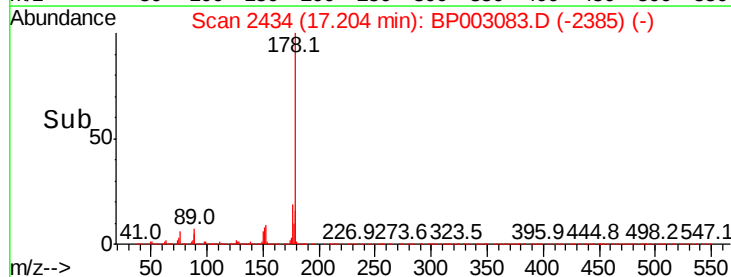
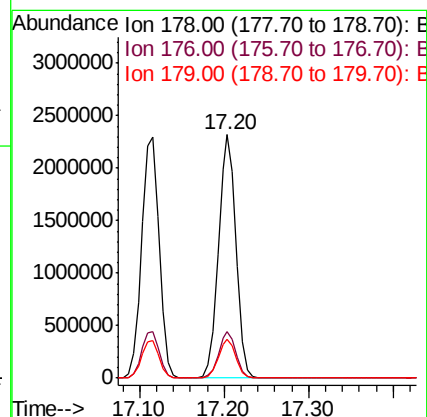
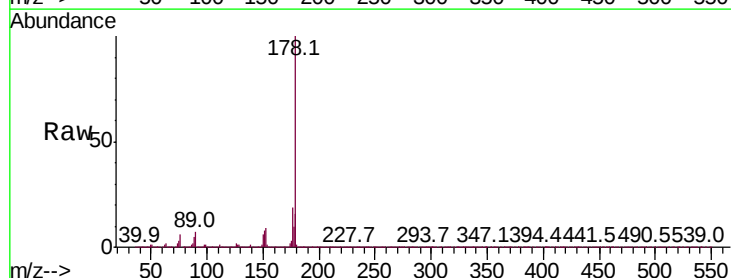
Delta R.T. -0.01 min

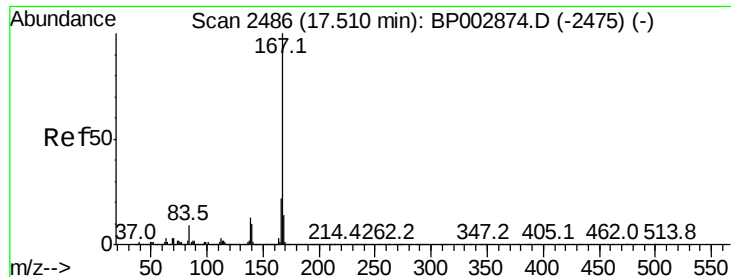
Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Tgt Ion:178 Resp: 3377148

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.0
179	15.8	12.7	19.1





#73

Carbazole

Concen: 42.456 ng

RT: 17.47 min Scan# 2480

Delta R.T. -0.01 min

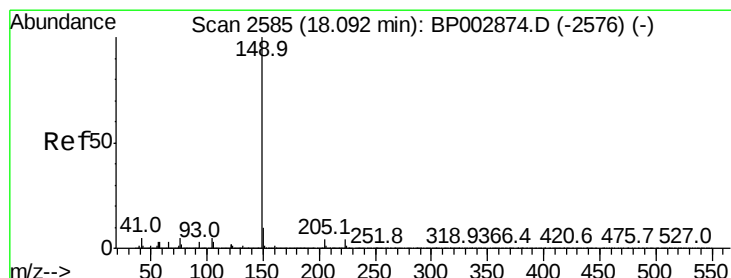
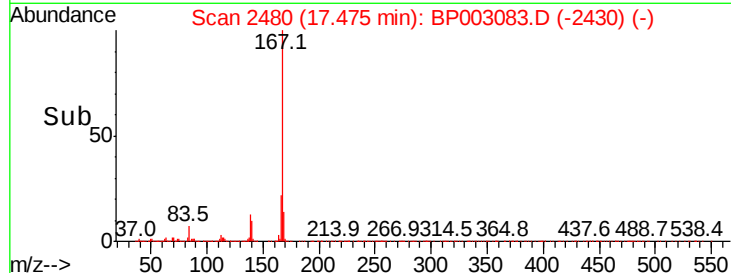
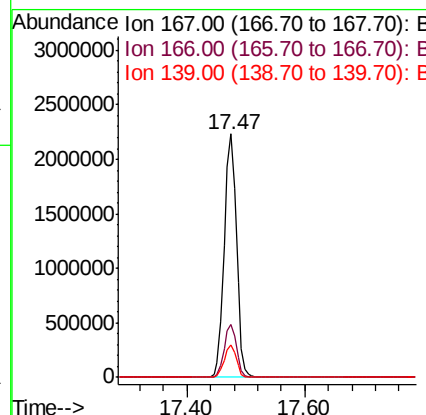
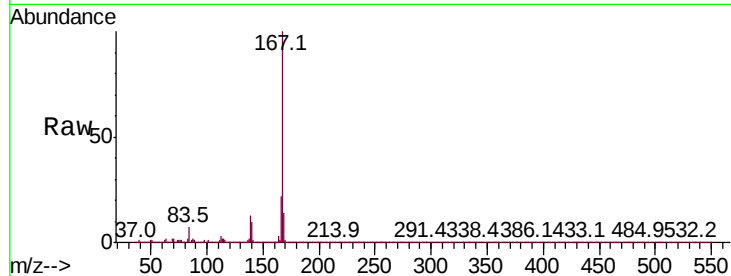
Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

Tot Ion:167 Resp: 3204269

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.5	26.3
139	13.1	10.6	16.0



#74

Di-n-butylphthalate

Concen: 48.100 ng

RT: 18.05 min Scan# 2577

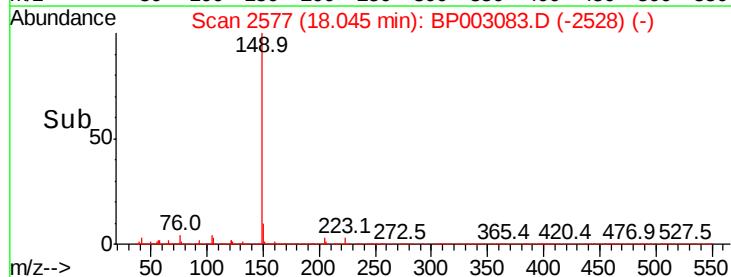
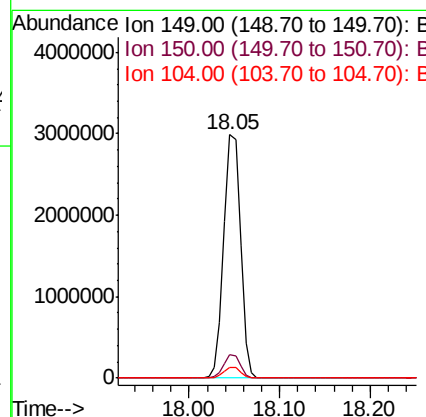
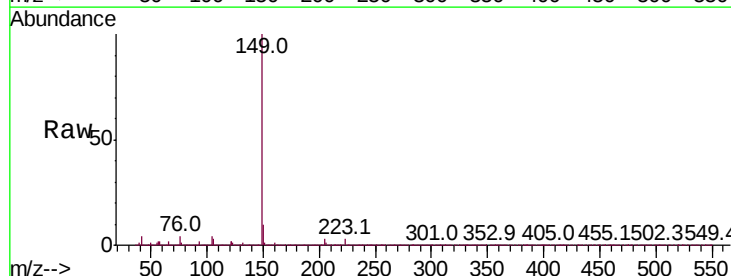
Delta R.T. -0.01 min

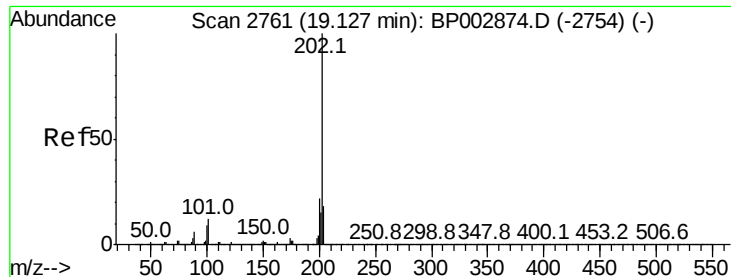
Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Tgt Ion:149 Resp: 3818847

Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.5	3.5	5.3





#75

Fluoranthene

Concen: 48.755 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

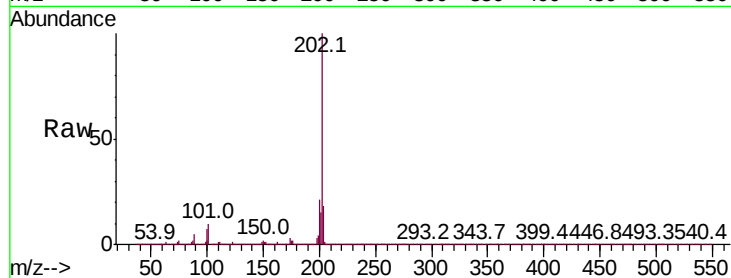
Tot Ion:202 Resp: 4441709

Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.2

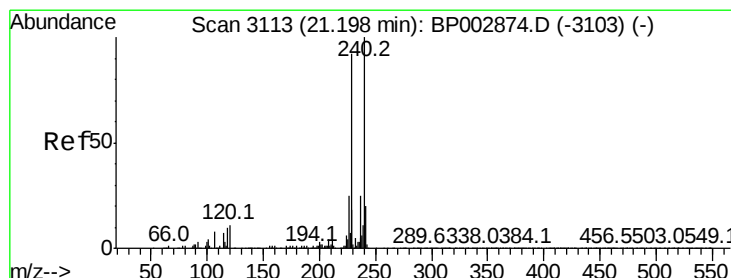
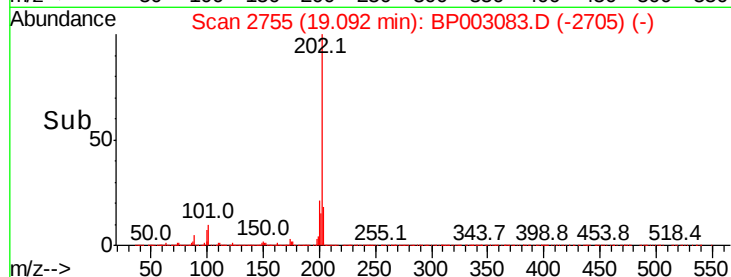
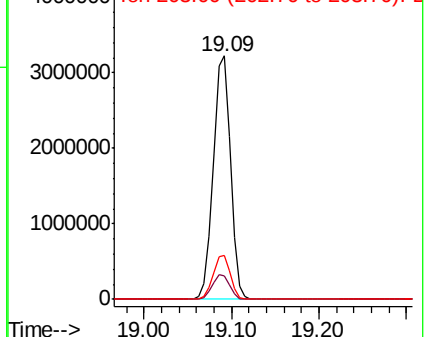
203 17.9 0.0 38.4



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: 21.17 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

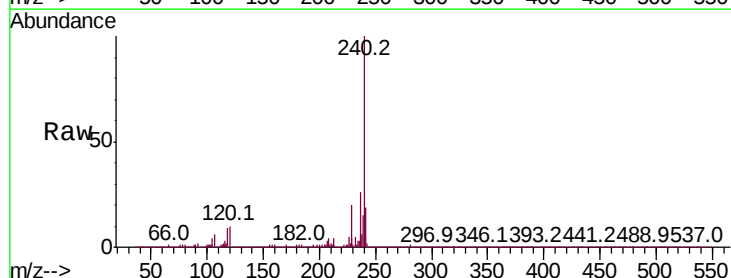
Tgt Ion:240 Resp: 1517740

Ion Ratio Lower Upper

240 100

120 9.7 9.5 14.3

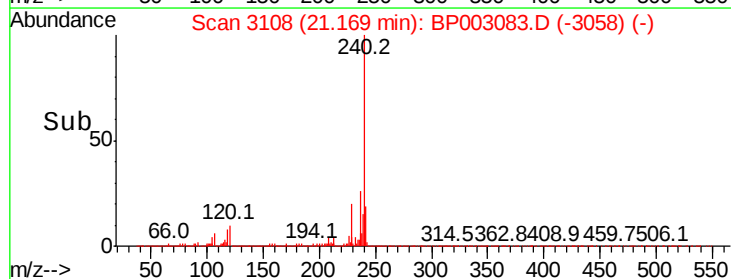
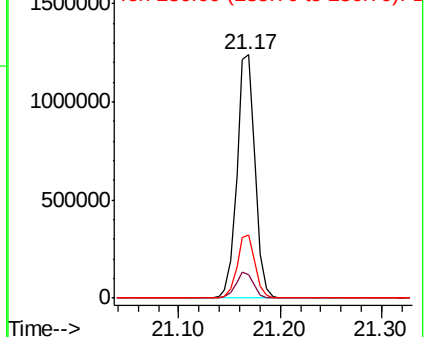
236 26.0 20.8 31.2

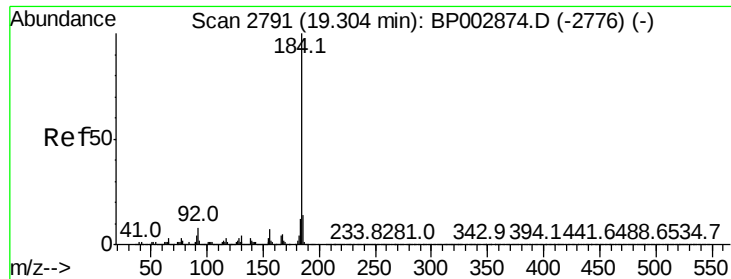


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

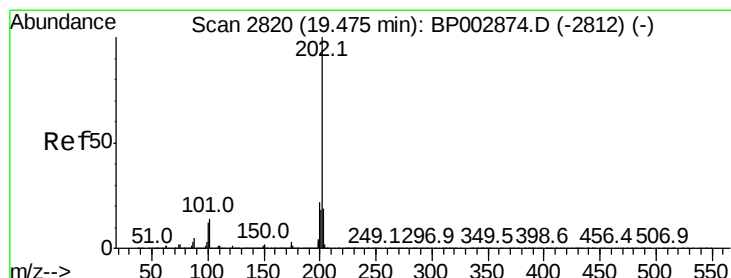
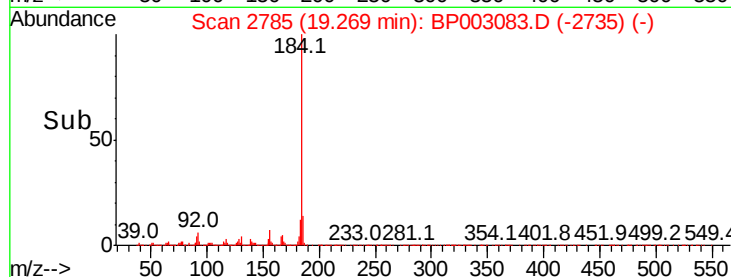
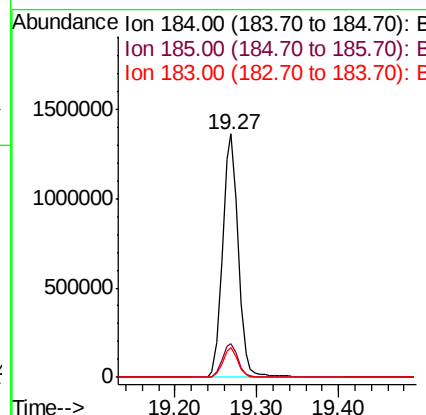
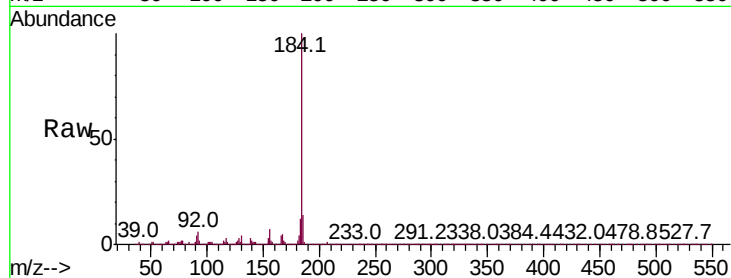




#77
Benzidine
Concen: 39.567 ng
RT: 19.27 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

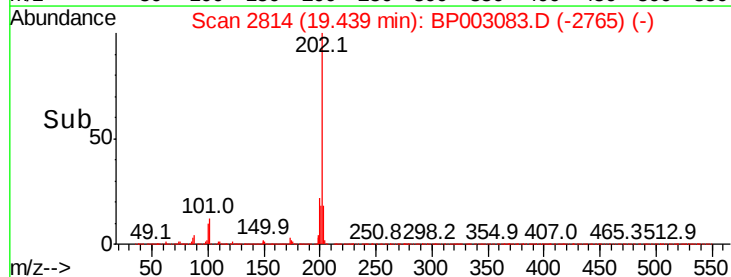
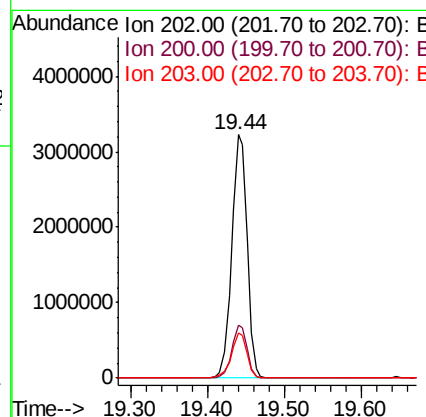
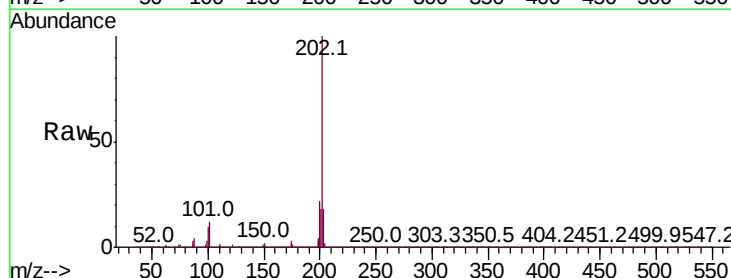
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

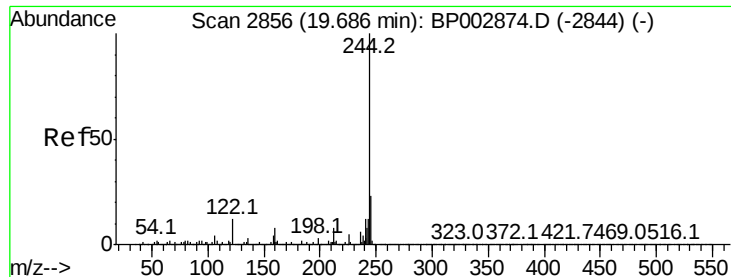
Tot Ion:184 Resp: 1831189
Ion Ratio Lower Upper
184 100
185 13.9 11.5 17.3
183 12.0 9.4 14.0



#78
Pyrene
Concen: 42.192 ng
RT: 19.44 min Scan# 2814
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion:202 Resp: 4476619
Ion Ratio Lower Upper
202 100
200 21.7 17.8 26.6
203 18.4 14.6 22.0

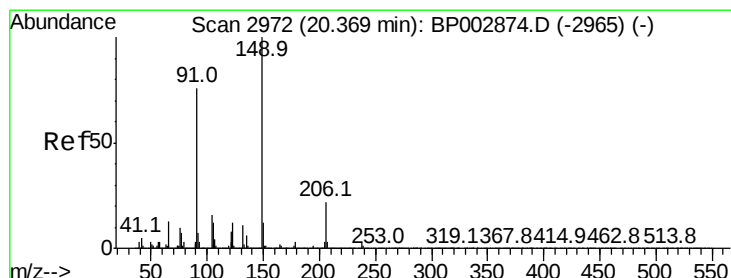
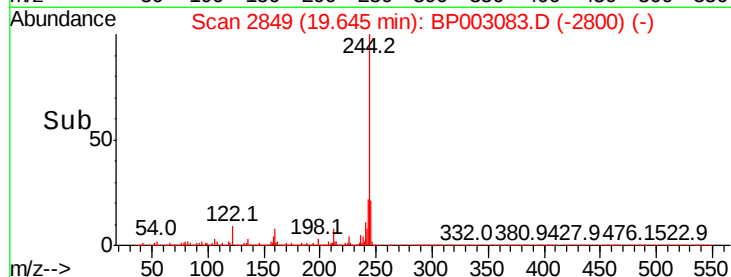
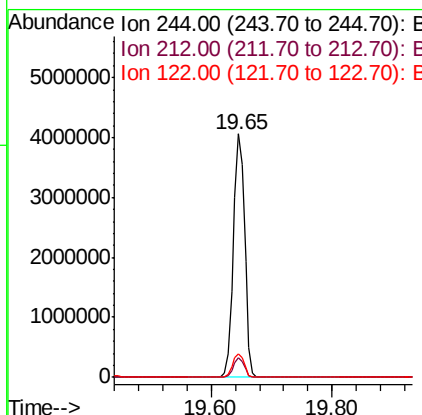
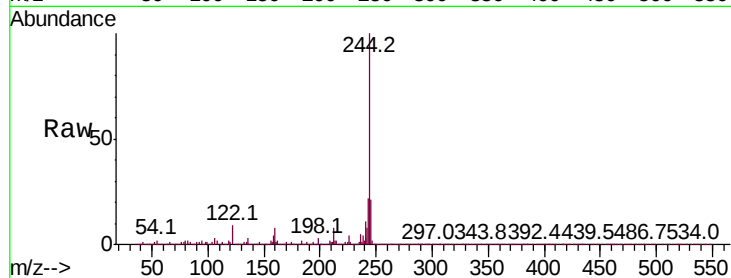




#79
 Terphenyl-d14
 Concen: 70.237 ng
 RT: 19.65 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

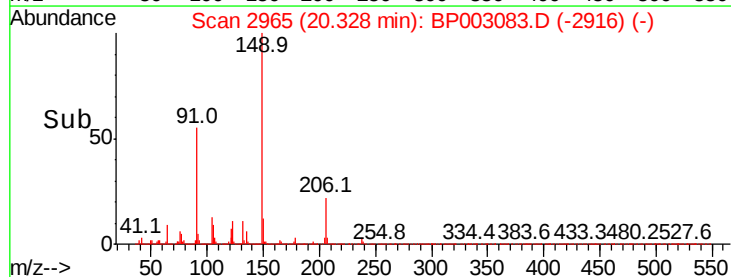
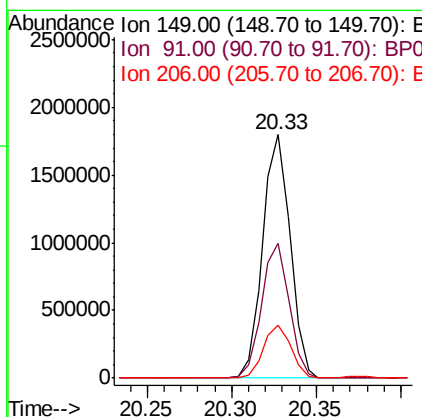
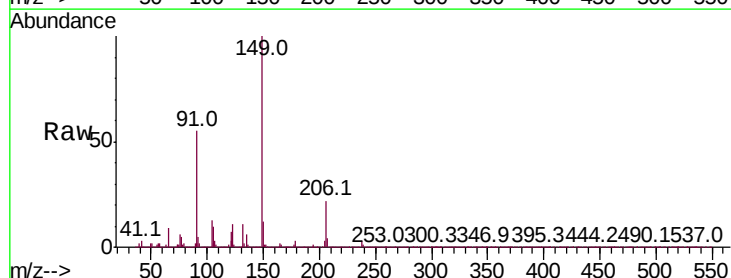
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

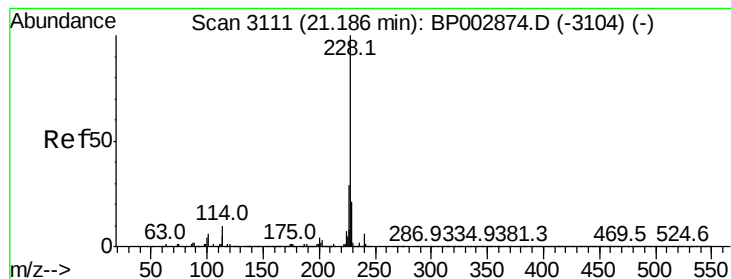
Tot Ion:244 Resp: 5324847
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 9.4 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 47.074 ng
 RT: 20.33 min Scan# 2965
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

Tgt Ion:149 Resp: 2026187
 Ion Ratio Lower Upper
 149 100
 91 55.4 45.3 67.9
 206 21.5 17.5 26.3





#81

Benzo(a)anthracene

Concen: 42.755 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

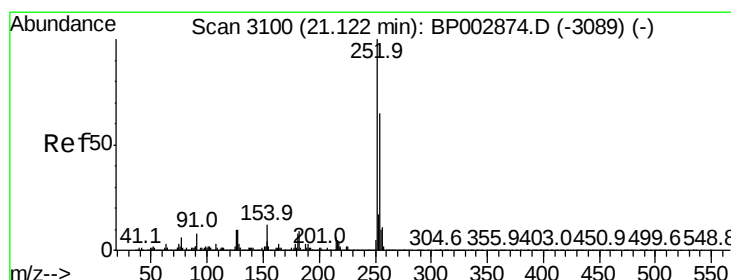
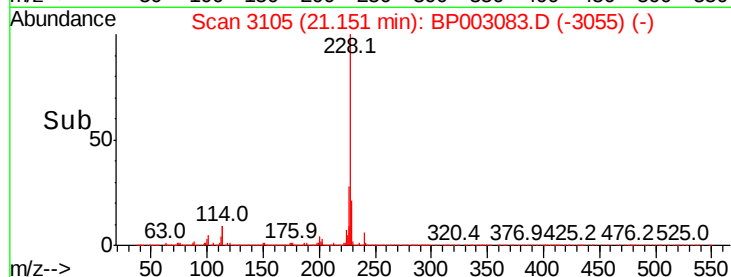
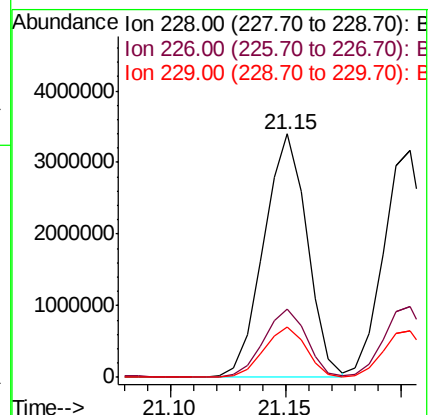
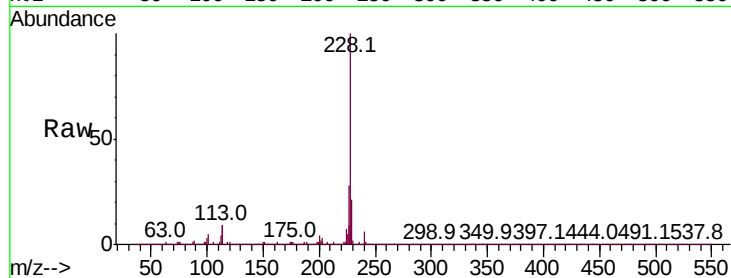
Tot Ion:228 Resp: 4420033

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

229 20.5 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 26.665 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

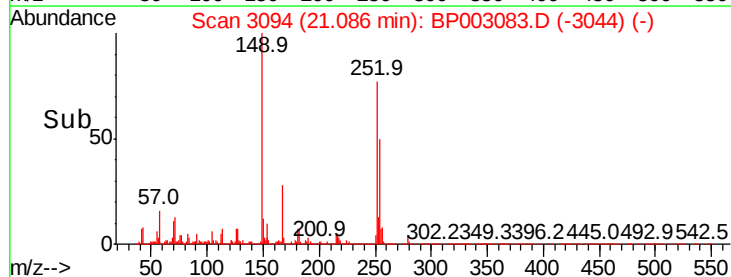
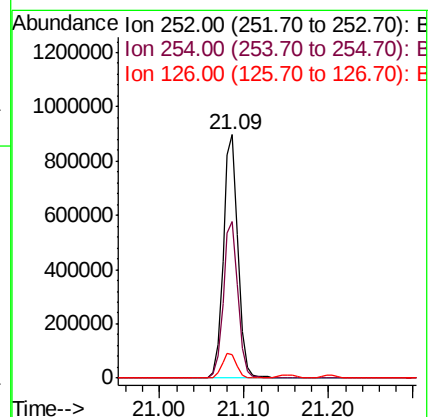
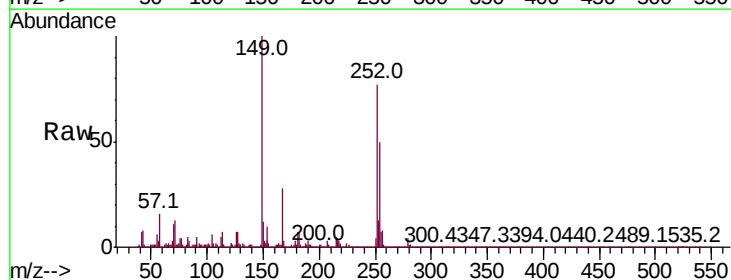
Tgt Ion:252 Resp: 1091104

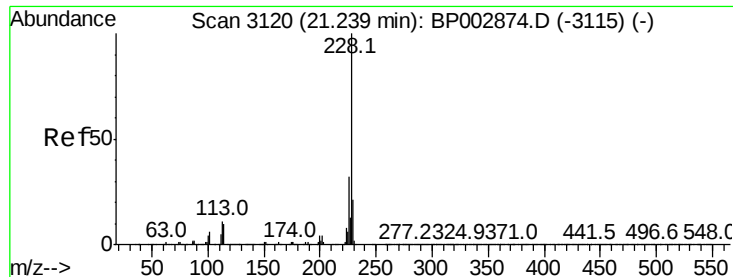
Ion Ratio Lower Upper

252 100

254 64.5 51.8 77.6

126 9.4 9.4 14.0



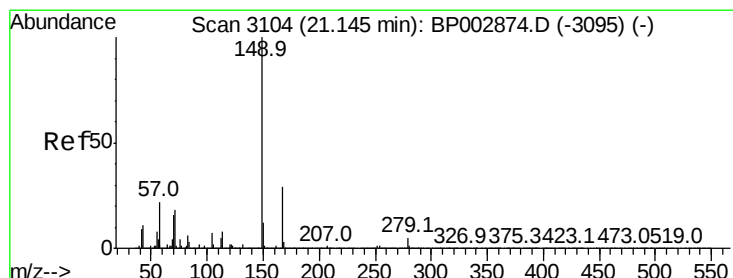
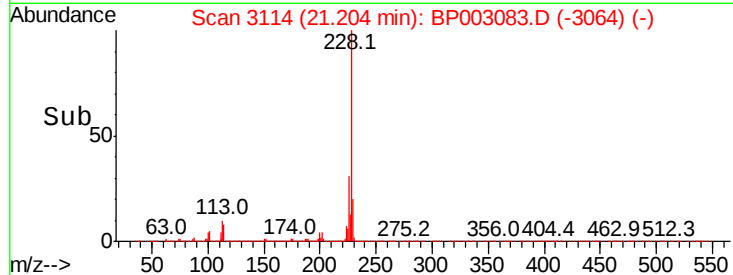
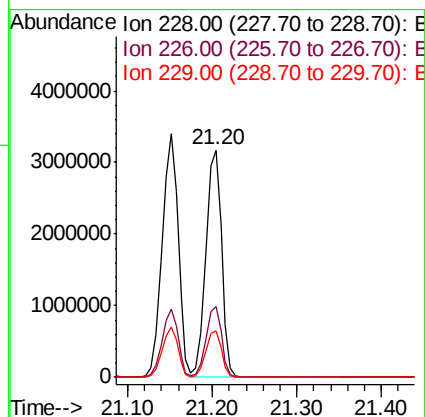
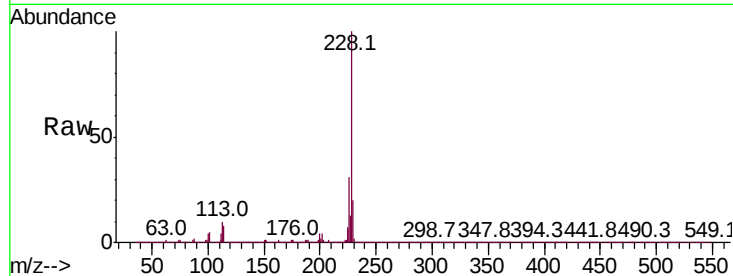


#83
 Chrysene
 Concen: 42.241 ng
 RT: 21.20 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

Tot Ion:228 Resp: 4119343

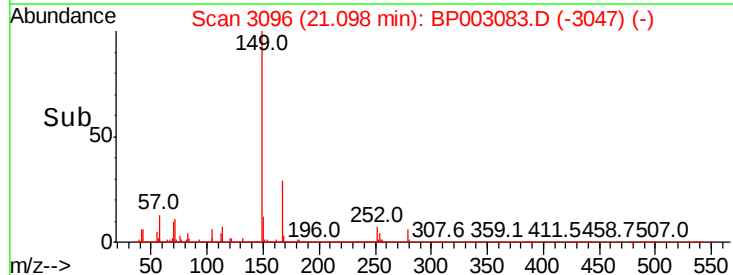
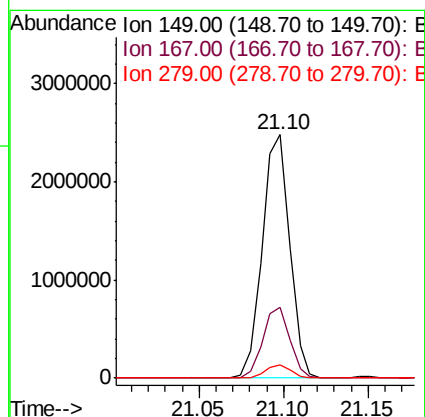
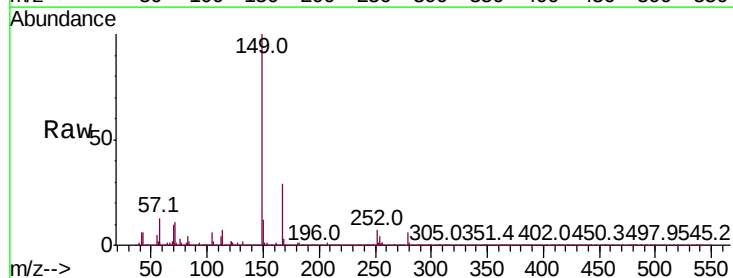
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.4	16.3	24.5

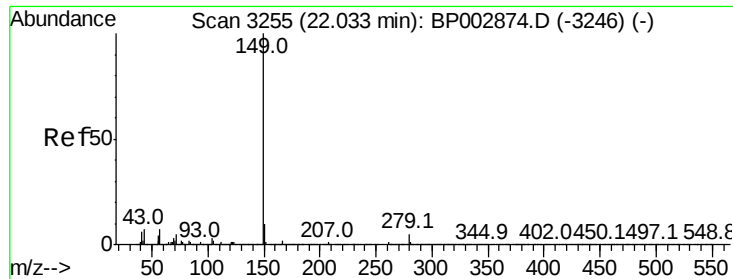


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.753 ng
 RT: 21.10 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

Tgt Ion:149 Resp: 2804054

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.9	34.3
279	5.5	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 53.099 ng

RT: 21.97 min Scan# 3244

Delta R.T. -0.02 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MS

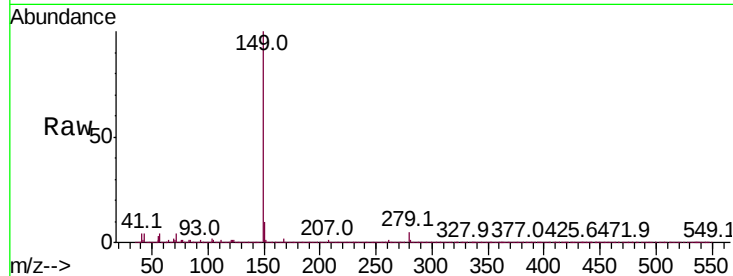
Tot Ion:149 Resp: 5122080

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

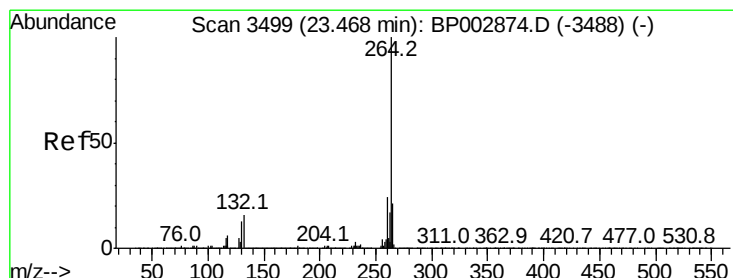
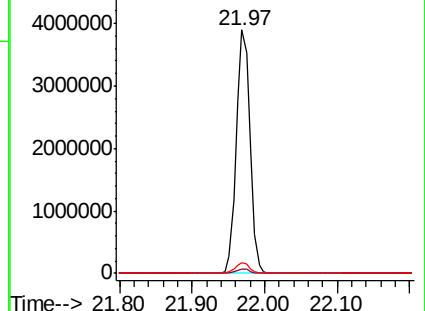
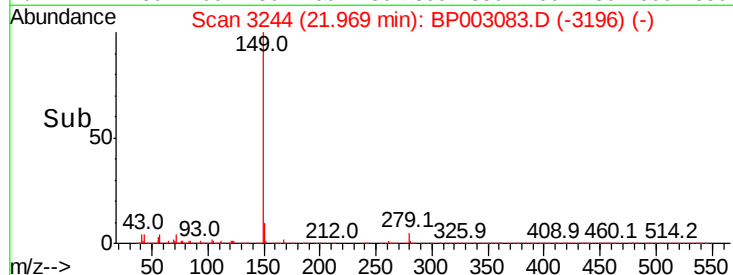
43 4.4 4.0 6.0



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: 23.41 min Scan# 3489

Delta R.T. -0.01 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

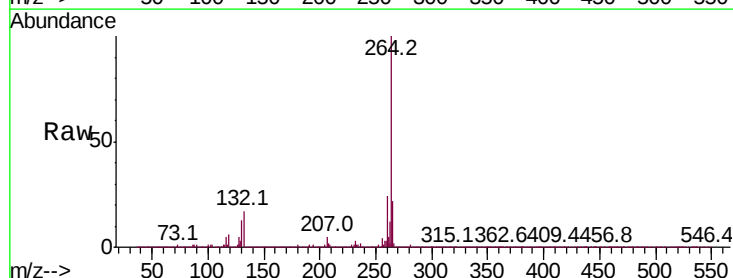
Tgt Ion:264 Resp: 1900164

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

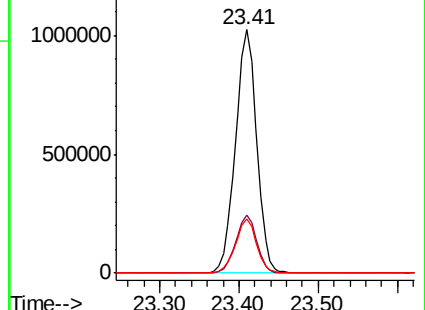
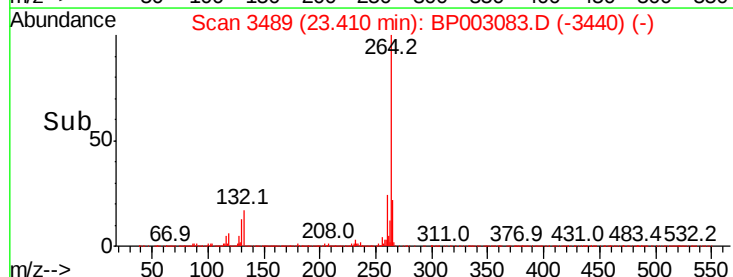
265 22.1 17.3 25.9

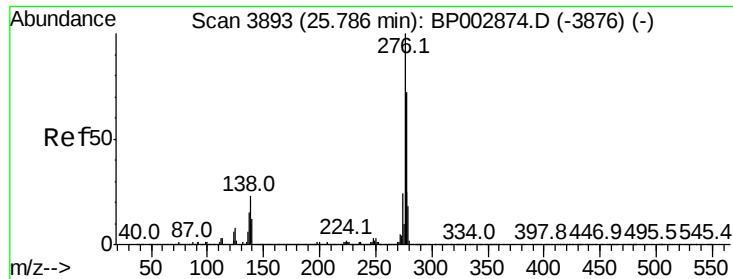


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



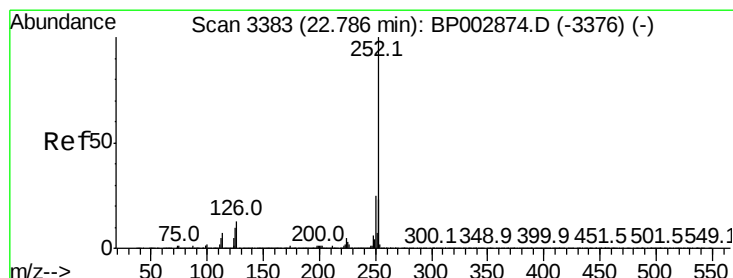
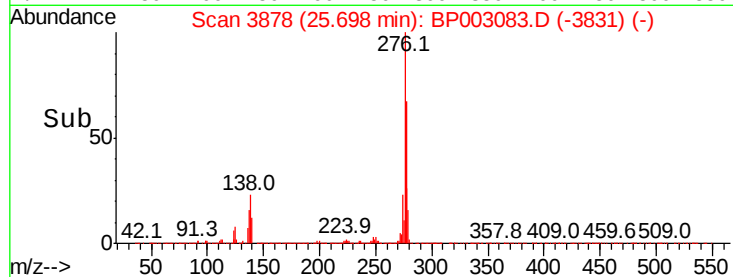
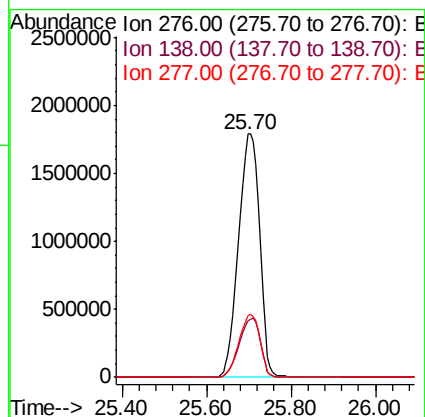
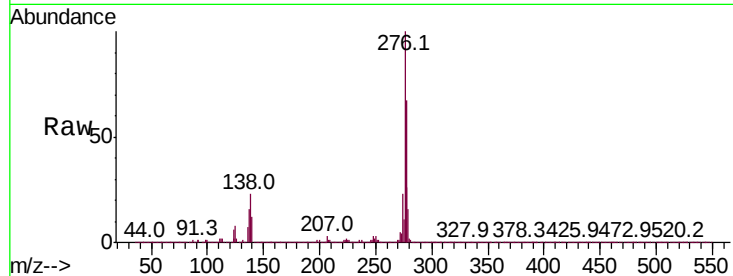


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 40.201 ng
 RT: 25.70 min Scan# 3878
 Delta R.T. -0.02 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MS

Tot Ion:276 Resp: 6117666

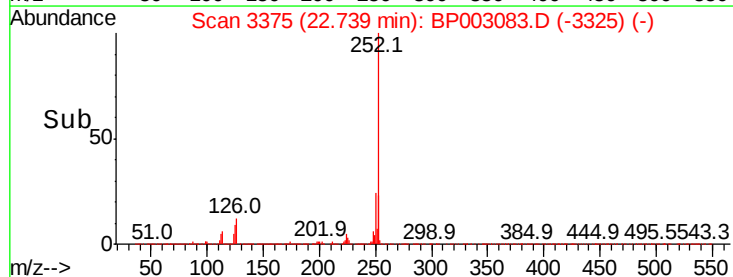
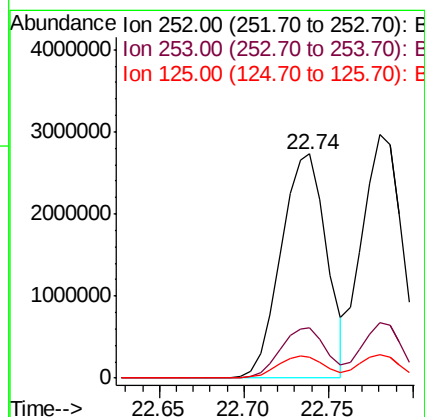
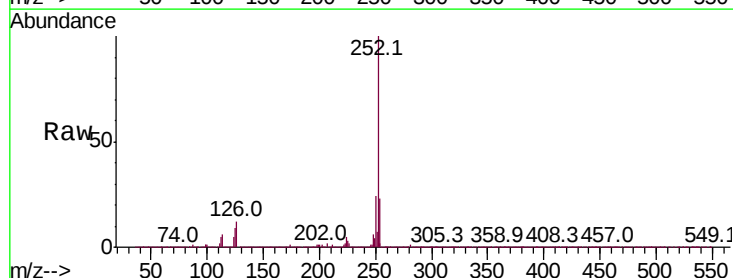
Ion	Ratio	Lower	Upper
276	100		
138	24.5	22.2	33.2
277	25.7	20.4	30.6

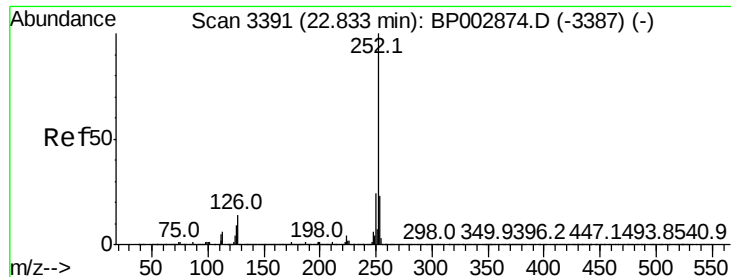


#88
 Benzo(b)fluoranthene
 Concen: 38.118 ng
 RT: 22.74 min Scan# 3375
 Delta R.T. -0.01 min
 Lab File: BP003083.D
 Acq: 21 Aug 2020 19:07

Tgt Ion:252 Resp: 5111310

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.5	9.4	14.2

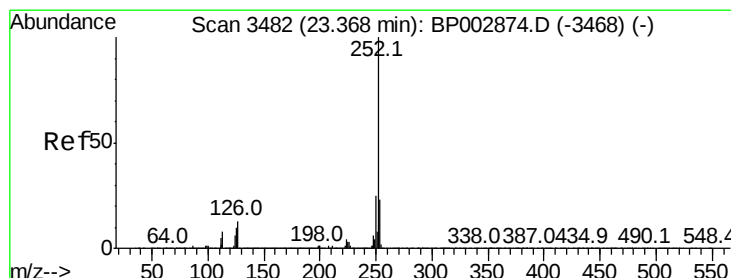
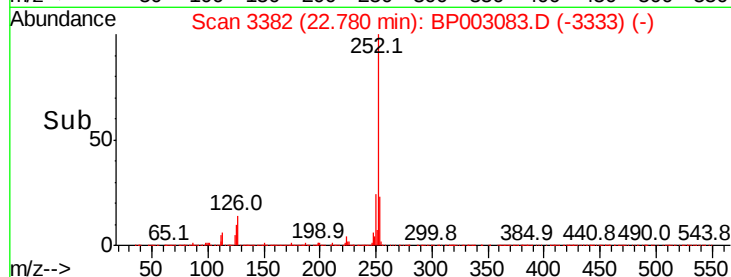
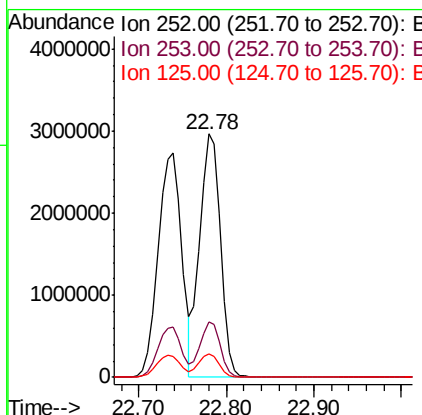
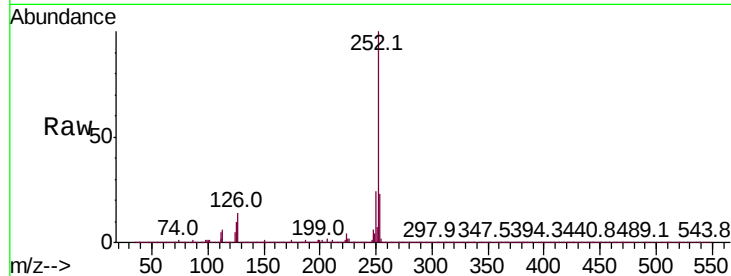




#89
Benzo(k)fluoranthene
Concen: 38.894 ng
RT: 22.78 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

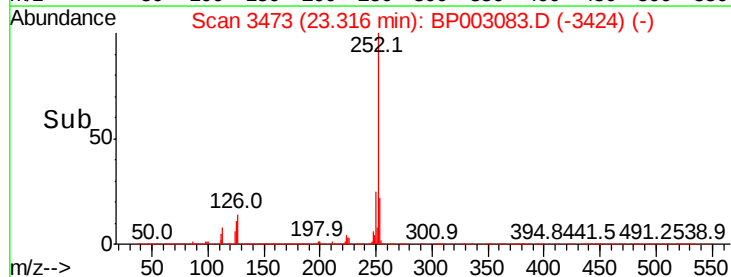
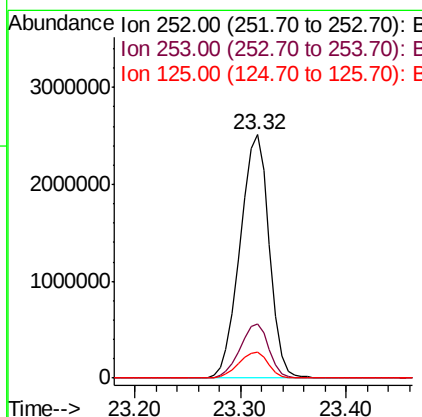
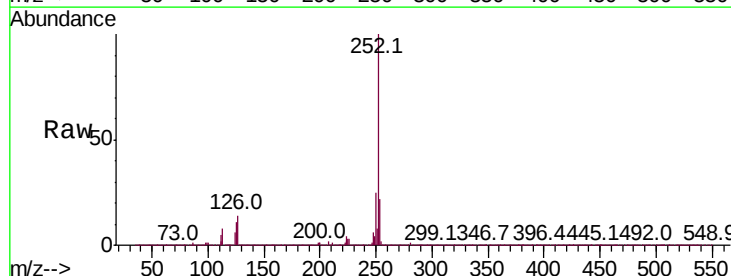
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MS

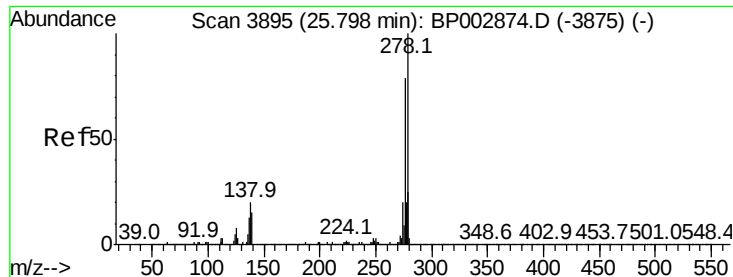
Tot Ion:252 Resp: 4929352
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 9.9 9.3 13.9



#90
Benzo(a)pyrene
Concen: 39.671 ng
RT: 23.32 min Scan# 3473
Delta R.T. -0.01 min
Lab File: BP003083.D
Acq: 21 Aug 2020 19:07

Tgt Ion:252 Resp: 4806656
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.8 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 39.011 ng

RT: 25.72 min Scan# 3881

Delta R.T. -0.02 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Instrument :

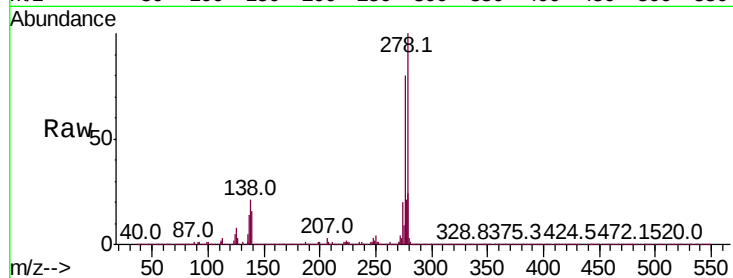
BNA_P

ClientSampleId :

OR-03-082020MS

Tot Ion:278 Resp: 5052710

Ion	Ratio	Lower	Upper
278	100		
139	15.8	14.2	21.4
279	24.0	19.3	28.9

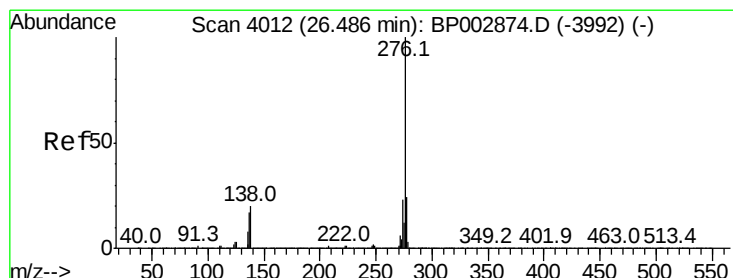
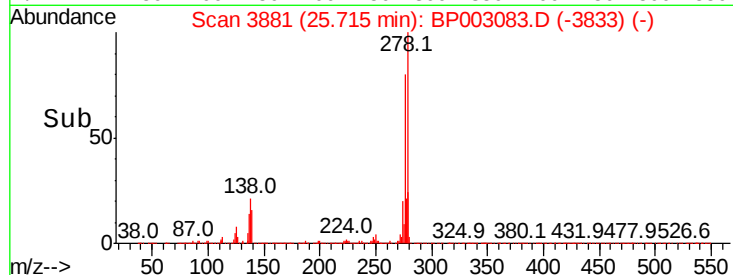
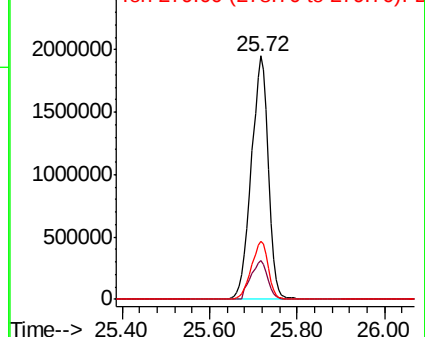


Abundance

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: 39.944 ng

RT: 26.40 min Scan# 3998

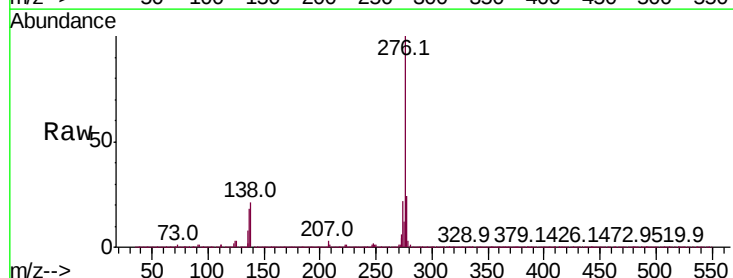
Delta R.T. -0.02 min

Lab File: BP003083.D

Acq: 21 Aug 2020 19:07

Tgt Ion:276 Resp: 5002844

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	21.1	19.3	28.9



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

