

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082120\
 Data File : BP003084.D
 Acq On : 21 Aug 2020 19:41
 Operator : CG/JU
 Sample : L3506-10MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MSD

Quant Time: Aug 22 00:28:34 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	130453	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	620645	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	461889	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1129547	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1330503	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1701399	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1069433	125.47	ng	0.00
7) Phenol-d6	6.86	99	1287378	108.79	ng	-0.01
23) Nitrobenzene-d5	8.82	82	790850	69.02	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	886906	154.49	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	2606313	77.10	ng	-0.02
79) Terphenyl-d14	19.65	244	4563088	68.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	91402	24.981	ng	# 62
3) Pyridine	3.62	79	223185	21.894	ng	99
4) n-Nitrosodimethylamine	3.52	42	91837	30.670	ng	95
6) Aniline	7.00	93	418577	30.488	ng	99
8) 2-Chlorophenol	7.25	128	504211	55.481	ng	100
9) Benzaldehyde	6.82	77	203926	32.366	ng	100
10) Phenol	6.89	94	503031	42.207	ng	97
11) bis(2-Chloroethyl)ether	7.10	93	351094	38.300	ng	100
12) 1,3-Dichlorobenzene	7.57	146	449075	43.781	ng	99
13) 1,4-Dichlorobenzene	7.72	146	465130	44.862	ng	99
14) 1,2-Dichlorobenzene	8.03	146	460265	46.550	ng	100
15) Benzyl Alcohol	7.92	79	363195	46.515	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	283864	32.961	ng	99
17) 2-Methylphenol	8.12	107	404710	53.140	ng	99
18) Hexachloroethane	8.75	117	148832	41.155	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	259779	38.099	ng	99
20) 3+4-Methylphenols	8.45	107	575067	56.026	ng	98
22) Acetophenone	8.49	105	654367	37.369	ng	# 97
24) Nitrobenzene	8.86	77	404940	32.550	ng	98
25) Isophorone	9.39	82	894989	36.355	ng	99
26) 2-Nitrophenol	9.58	139	269215	51.482	ng	97
27) 2,4-Dimethylphenol	9.65	122	501305	51.135	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	535352	38.979	ng	99
29) 2,4-Dichlorophenol	10.11	162	573295	55.563	ng	100
30) 1,2,4-Trichlorobenzene	10.32	180	478440	39.667	ng	99
31) Naphthalene	10.50	128	1492260	42.002	ng	100
32) Benzoic acid	9.75	122	63583	16.948	ng	95
33) 4-Chloroaniline	10.61	127	272490	18.507	ng	99
34) Hexachlorobutadiene	10.80	225	262749	35.598	ng	99
35) Caprolactam	11.38	113	182171	57.062	ng	90
36) 4-Chloro-3-methylphenol	11.75	107	594024	55.384	ng	99
37) 2-Methylnaphthalene	12.12	142	1165870	46.132	ng	98
38) 1-Methylnaphthalene	12.35	142	1120812	47.113	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	569797	34.311	ng	100

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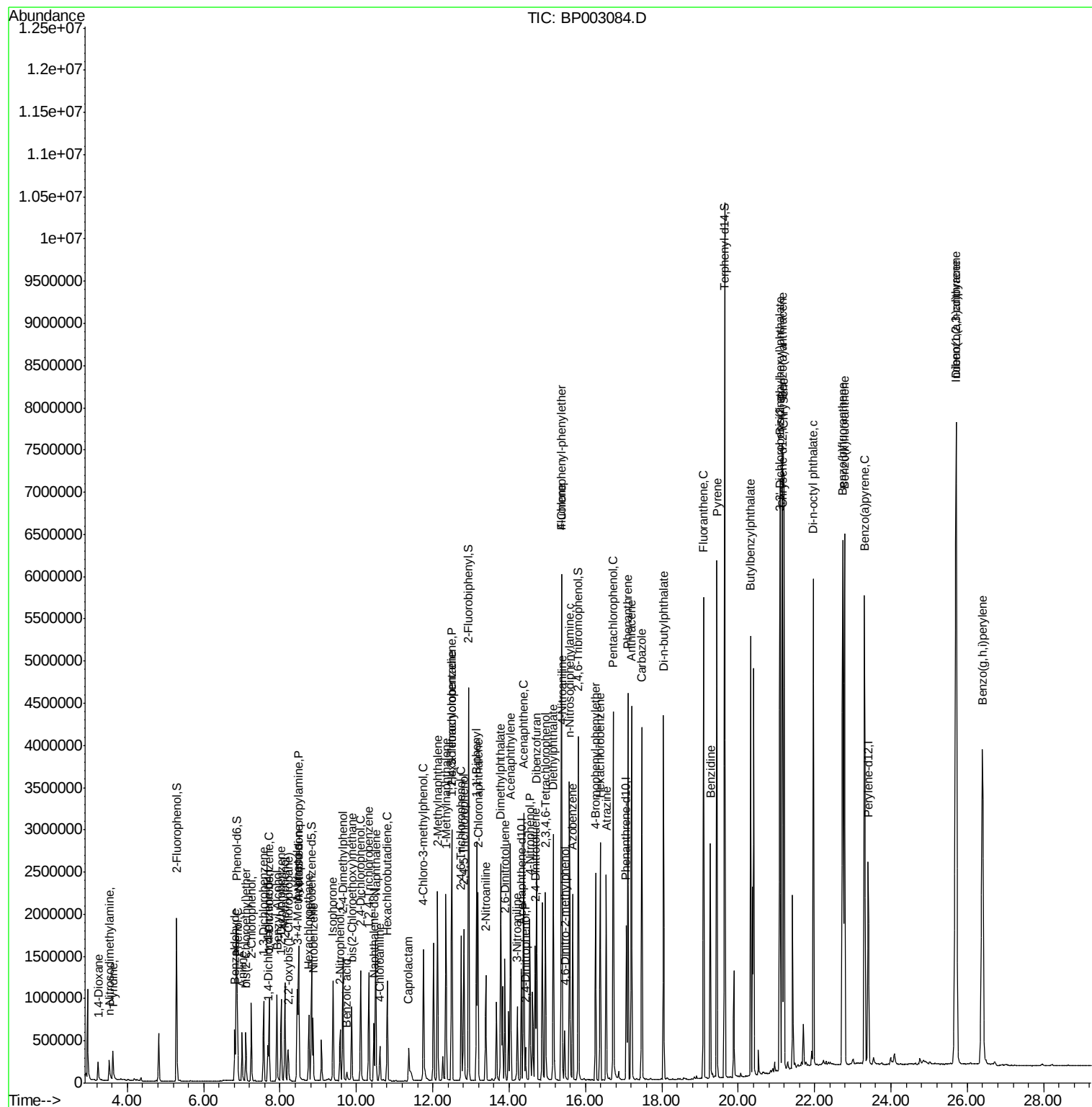
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	545062	63.269	ng	99
43) 2,4,6-Trichlorophenol	12.75	196	471611	48.999	ng	99
44) 2,4,5-Trichlorophenol	12.82	196	548692	51.966	ng	98
46) 1,1'-Biphenyl	13.15	154	1574932	41.246	ng	100
47) 2-Chloronaphthalene	13.19	162	1210343	40.479	ng	98
48) 2-Nitroaniline	13.39	65	290666	39.720	ng	94
49) Acenaphthylene	14.03	152	2113373	45.069	ng	99
50) Dimethylphthalate	13.78	163	1810627	50.120	ng	100
51) 2,6-Dinitrotoluene	13.89	165	401889	49.270	ng	99
52) Acenaphthene	14.38	154	1213095	40.250	ng	99
53) 3-Nitroaniline	14.22	138	291785	35.070	ng	97
54) 2,4-Dinitrophenol	14.43	184	117206	38.780	ng	97
55) Dibenzofuran	14.72	168	2005199	43.375	ng	99
56) 4-Nitrophenol	14.54	139	740611	115.612	ng	96
57) 2,4-Dinitrotoluene	14.68	165	578653	53.448	ng	98
58) Fluorene	15.37	166	1554616	42.951	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	504201	57.232	ng	98
60) Diethylphthalate	15.16	149	1815426	51.428	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	778083	41.768	ng	99
62) 4-Nitroaniline	15.39	138	461396	54.685	ng	95
63) Azobenzene	15.66	77	1175701	33.083	ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	171122	31.796	ng	95
66) n-Nitrosodiphenylamine	15.58	169	1523858	40.735	ng	100
67) 4-Bromophenyl-phenylether	16.26	248	545251	39.678	ng	98
68) Hexachlorobenzene	16.38	284	639778	40.251	ng	98
69) Atrazine	16.54	200	518773	40.932	ng	99
70) Pentachlorophenol	16.73	266	869154	105.449	ng	100
71) Phenanthrene	17.11	178	2842744	42.918	ng	99
72) Anthracene	17.20	178	2885840	44.578	ng	99
73) Carbazole	17.47	167	2884662	45.628	ng	99
74) Di-n-butylphthalate	18.05	149	3322743	49.962	ng	100
75) Fluoranthene	19.09	202	3630280	47.570	ng	97
77) Benzidine	19.27	184	1622943	40.002	ng	99
78) Pyrene	19.44	202	3737331	40.181	ng	99
80) Butylbenzylphthalate	20.33	149	1693740	45.030	ng	98
81) Benzo(a)anthracene	21.15	228	3898146	43.013	ng	99
82) 3,3'-Dichlorobenzidine	21.08	252	980663	27.339	ng	100
83) Chrysene	21.20	228	3633791	42.506	ng	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2390075	46.431	ng	100
85) Di-n-octyl phthalate	21.97	149	4451851	52.645	ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	5929611	43.517	ng	97
88) Benzo(b)fluoranthene	22.73	252	4693731	39.093	ng	98
89) Benzo(k)fluoranthene	22.78	252	4302875	37.917	ng	98
90) Benzo(a)pyrene	23.31	252	4334070	39.950	ng	98
91) Dibenzo(a,h)anthracene	25.71	278	4911716	42.353	ng	98
92) Benzo(g,h,i)perylene	26.40	276	5064341	45.159	ng	98

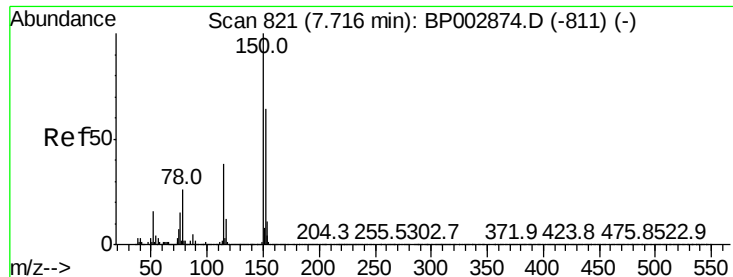
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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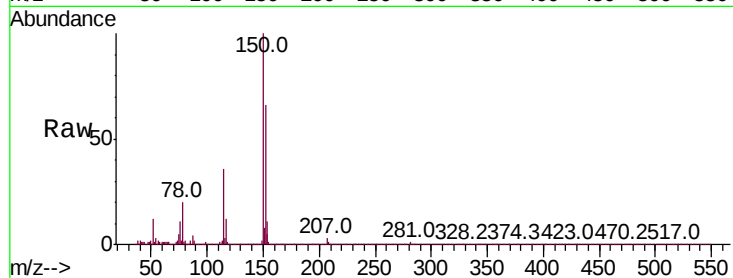


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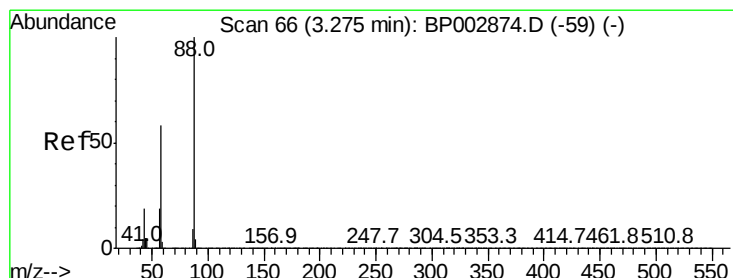
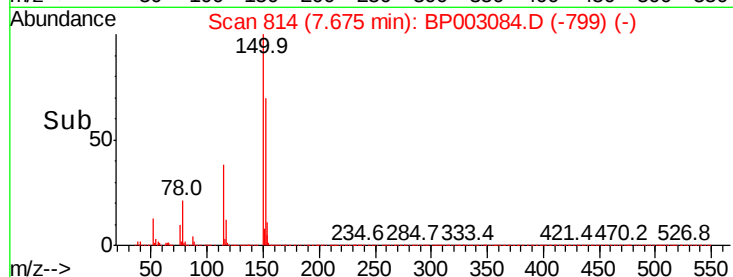
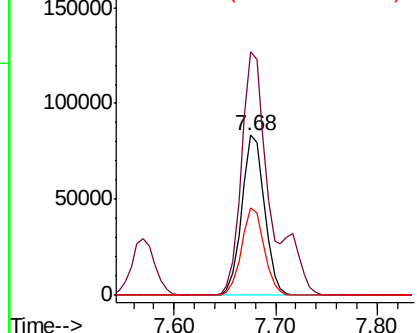
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 814
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.1	189.1
115	54.7	43.4	65.2



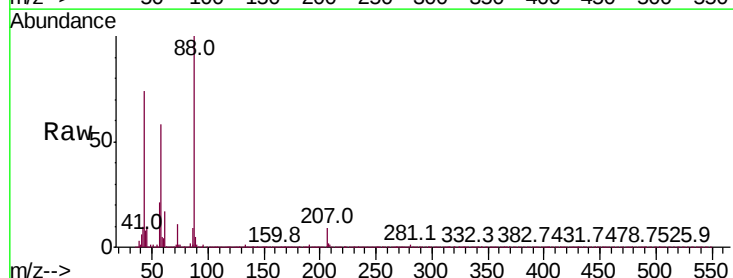
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



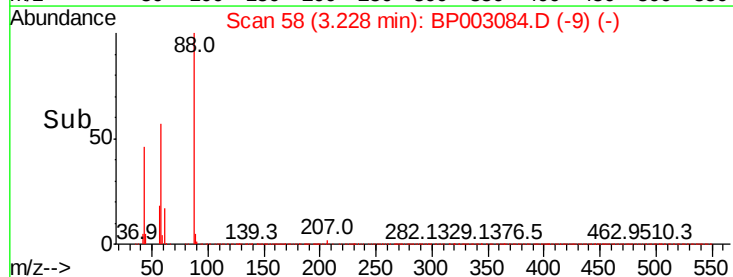
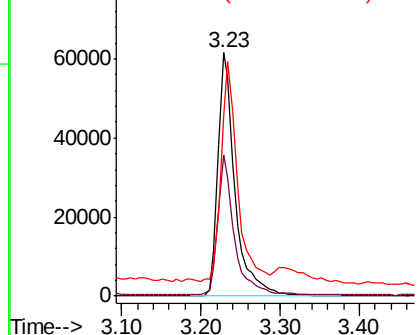
#2

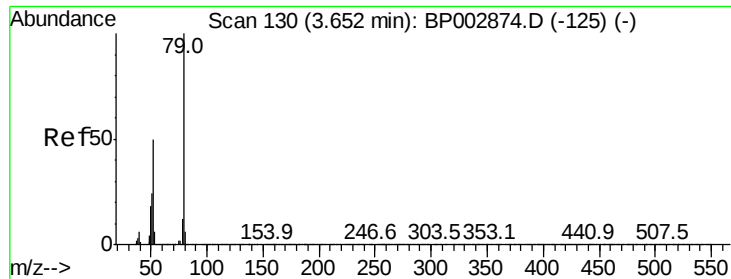
1,4-Dioxane
Concen: 24.981 ng
RT: 3.23 min Scan# 58
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.7	44.5	66.7
43	86.9	14.5	21.7



Abundance Ion 88.00 (87.70 to 88.70): BP0
Ion 58.00 (57.70 to 58.70): BP0
Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 21.894 ng

RT: 3.62 min Scan# 125

Delta R.T. -0.00 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

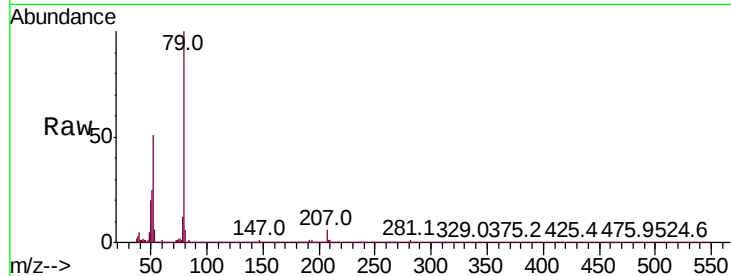
Tot Ion: 79 Resp: 223185

Ion Ratio Lower Upper

79 100

52 51.0 40.5 60.7

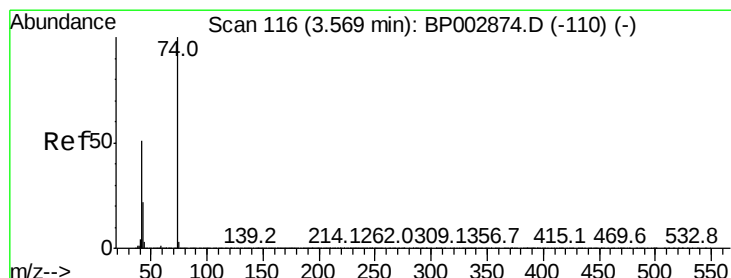
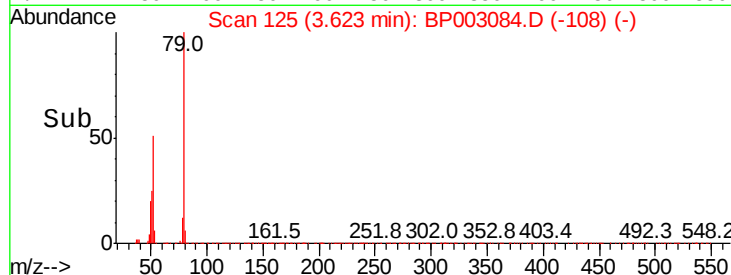
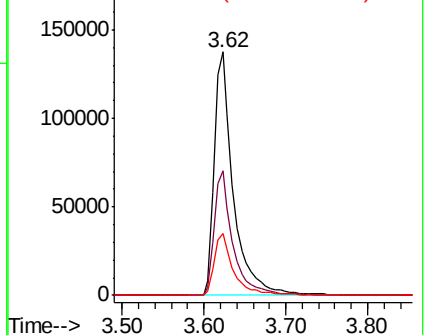
51 25.4 19.9 29.9



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: 30.670 ng

RT: 3.52 min Scan# 108

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

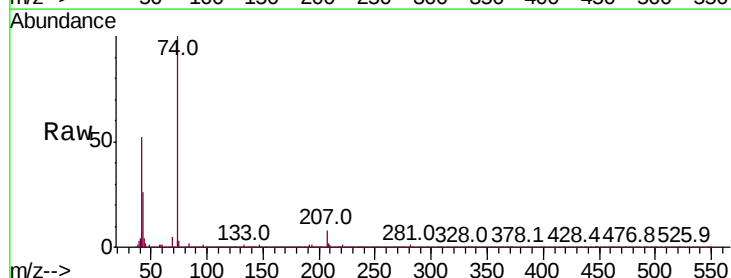
Tgt Ion: 42 Resp: 91837

Ion Ratio Lower Upper

42 100

74 191.3 158.6 238.0

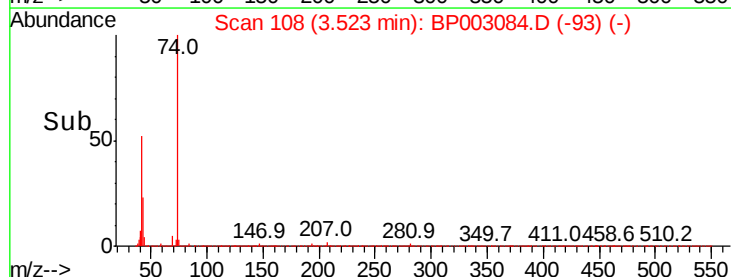
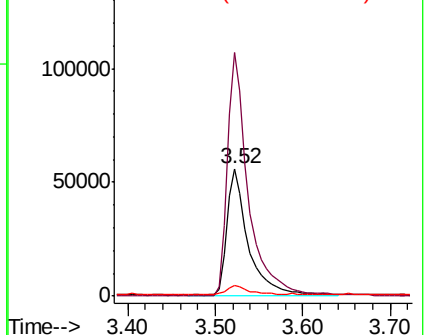
44 8.5 5.8 8.8

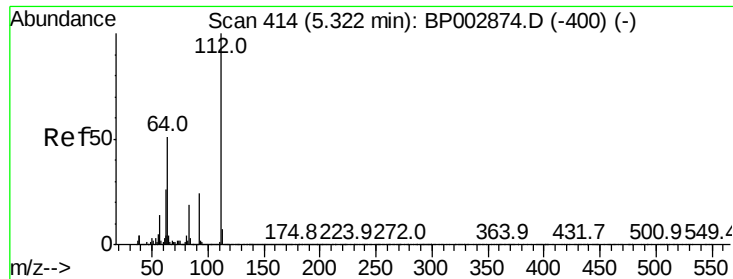


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 125.468 ng

RT: 5.29 min Scan# 408

Delta R.T. -0.01 min

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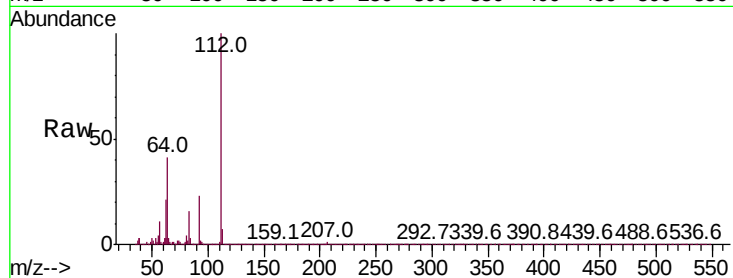
Tot Ion:112 Resp: 1069433

Ion Ratio Lower Upper

112 100

64 40.7 33.4 50.2

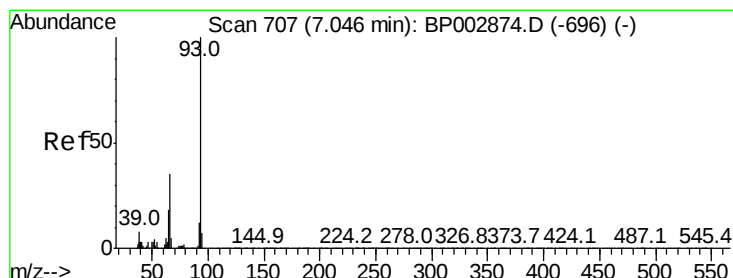
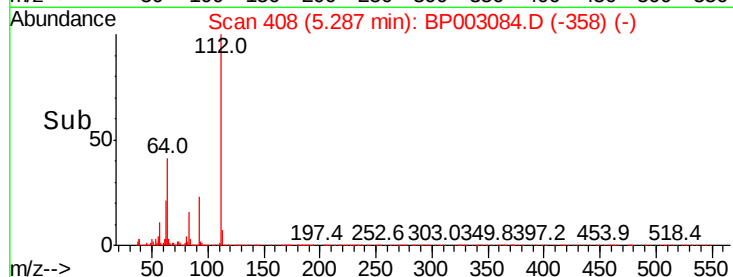
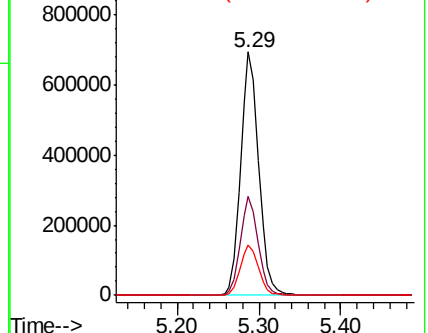
63 20.7 17.4 26.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 30.488 ng

RT: 7.00 min Scan# 700

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

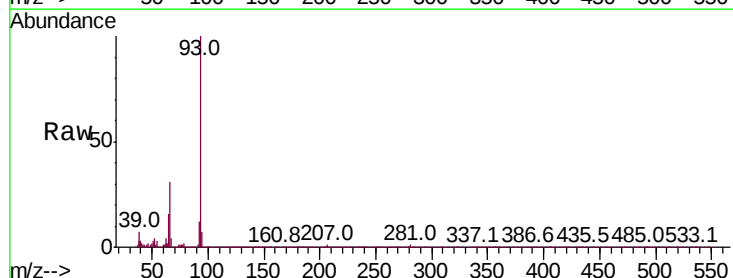
Tgt Ion: 93 Resp: 418577

Ion Ratio Lower Upper

93 100

66 31.4 24.8 37.2

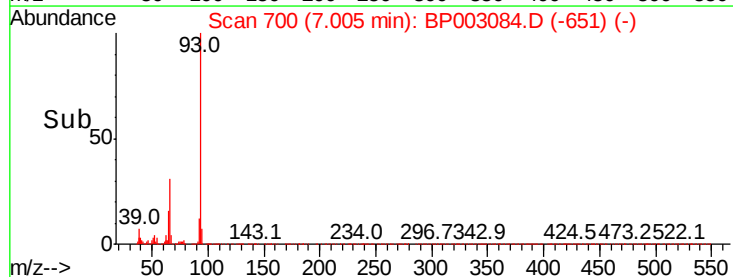
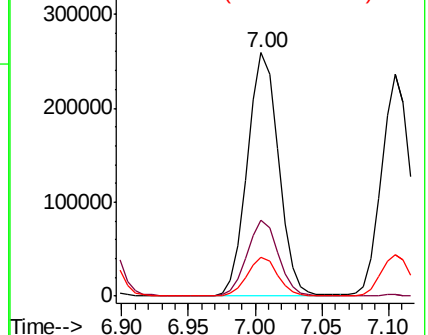
65 15.8 12.2 18.4

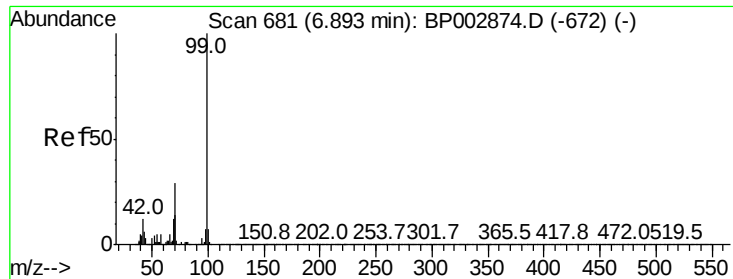


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 108.787 ng

RT: 6.86 min Scan# 675

Delta R.T. -0.01 min

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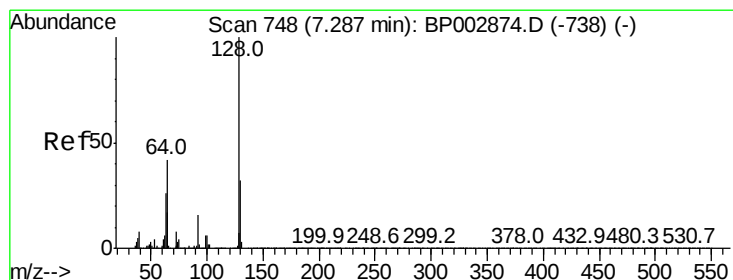
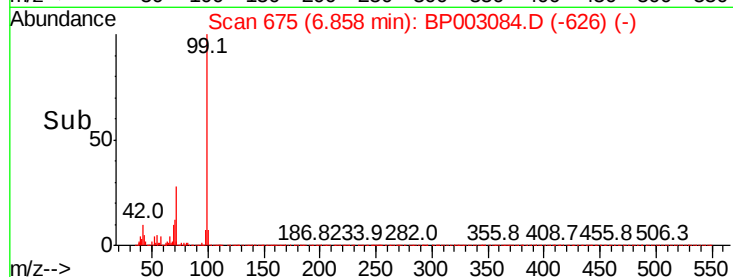
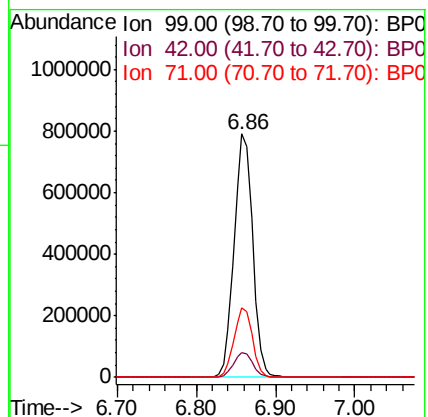
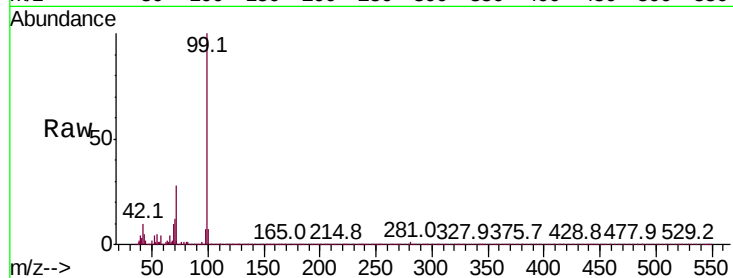
Tot Ion: 99 Resp: 1287378

Ion Ratio Lower Upper

99 100

42 10.3 8.0 12.0

71 28.3 21.3 31.9



#8

2-Chlorophenol

Concen: 55.481 ng

RT: 7.25 min Scan# 741

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

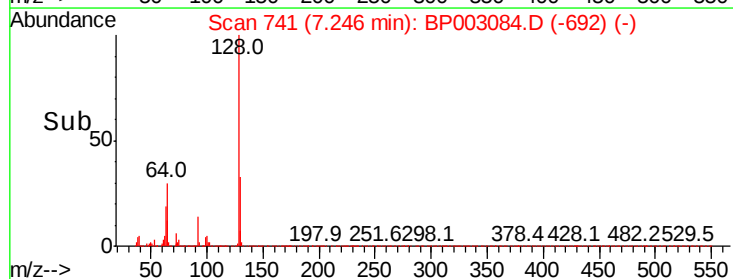
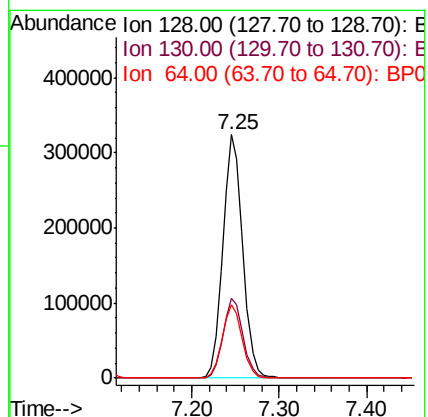
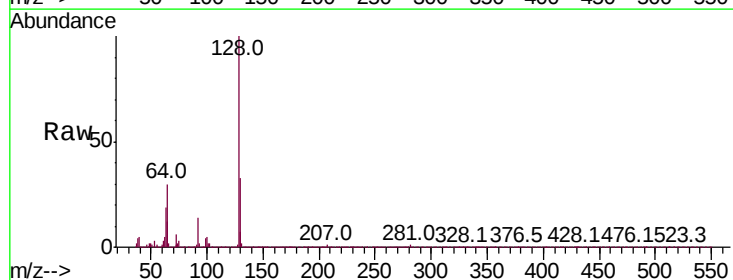
Tgt Ion: 128 Resp: 504211

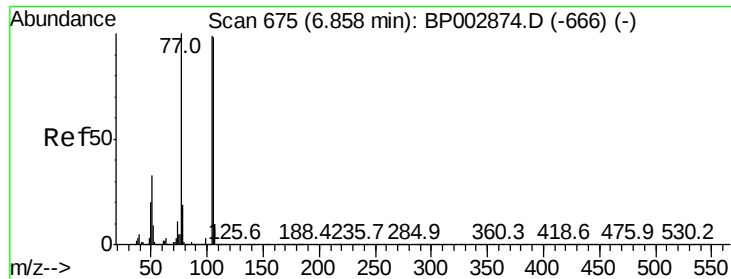
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 30.4 10.7 50.7





#9

Benzaldehyde

Concen: 32.366 ng

RT: 6.82 min Scan# 668

Delta R.T. -0.01 min

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Instrument :

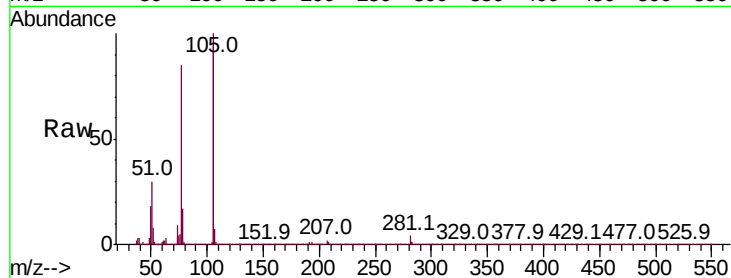
BNA_P

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Tot Ion: 77 Resp: 203926

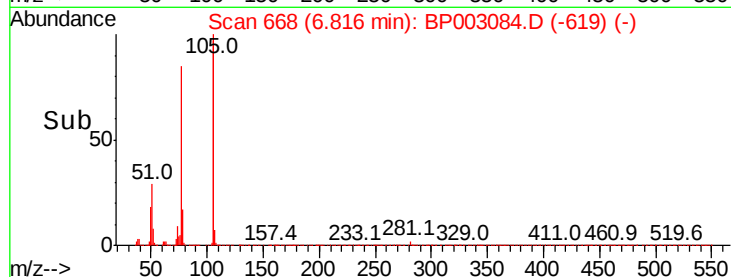
Ion	Ratio	Lower	Upper
77	100		
105	117.8	97.5	137.5
106	113.6	93.1	133.1



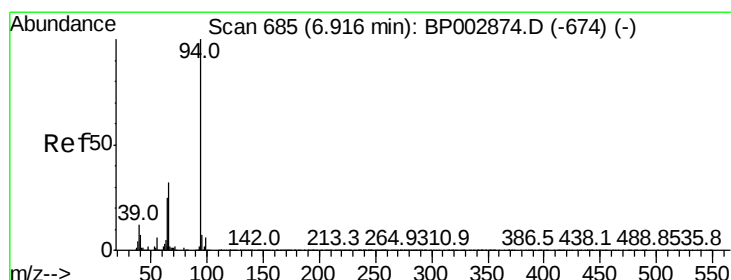
Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



Time-->



#10

Phenol

Concen: 42.207 ng

RT: 6.89 min Scan# 680

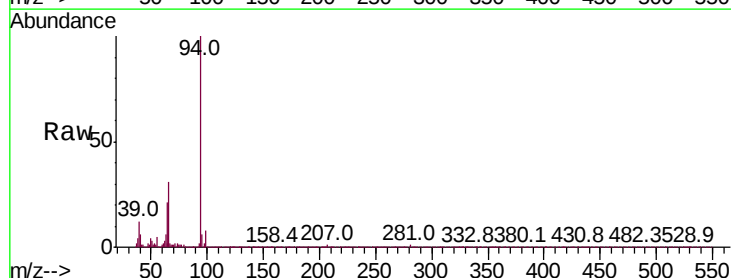
Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Tgt Ion: 94 Resp: 503031

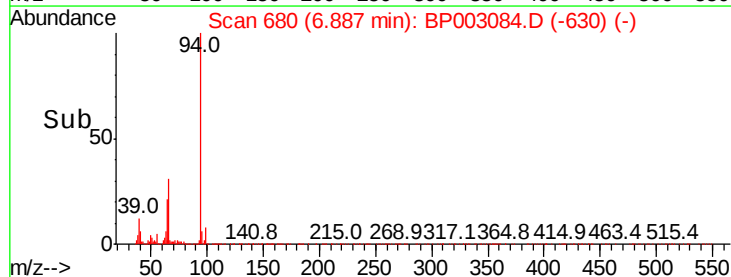
Ion	Ratio	Lower	Upper
94	100		
65	21.5	1.7	41.7
66	30.9	8.6	48.6



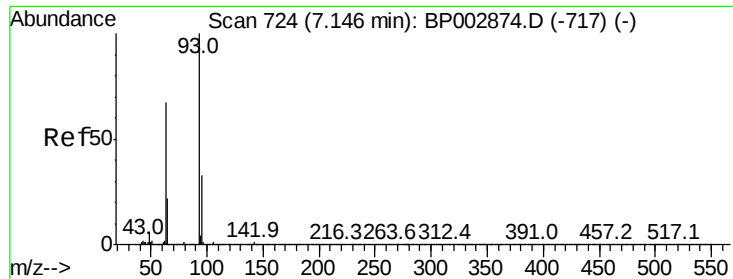
Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



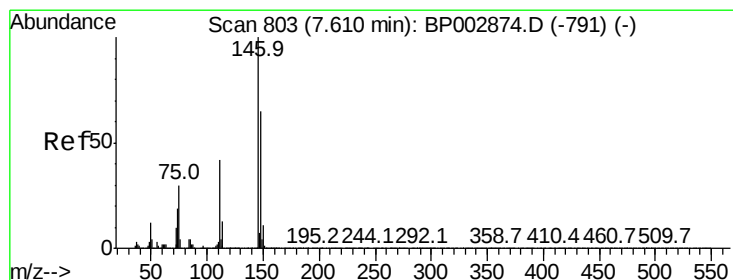
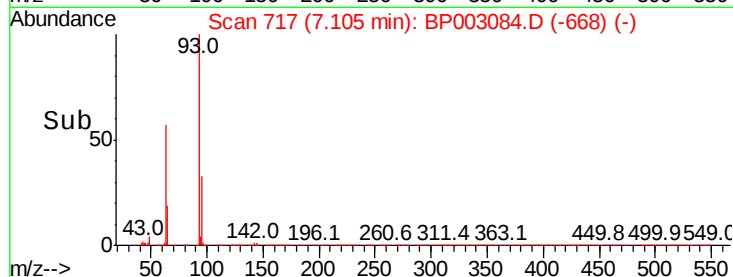
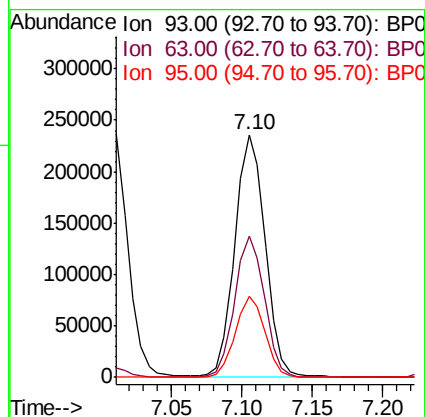
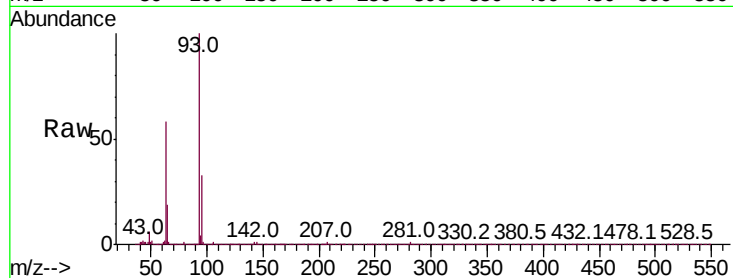
Time-->



#11
bis(2-Chloroethyl)ether
Concen: 38.300 ng
RT: 7.10 min Scan# 717
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

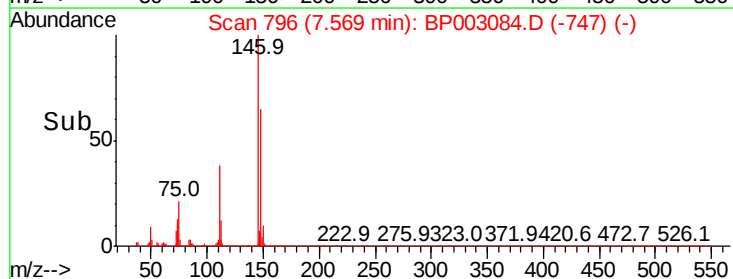
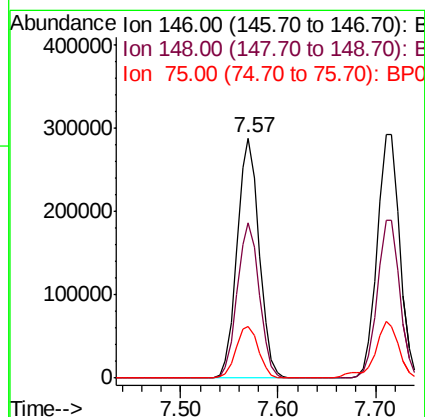
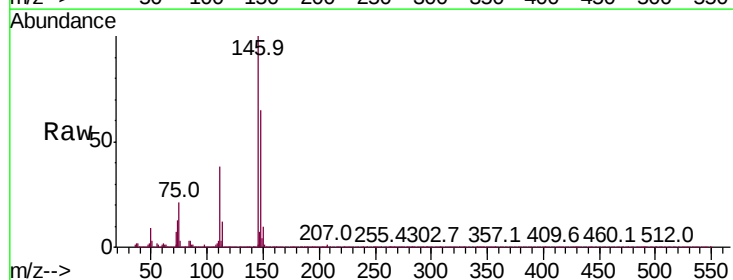
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

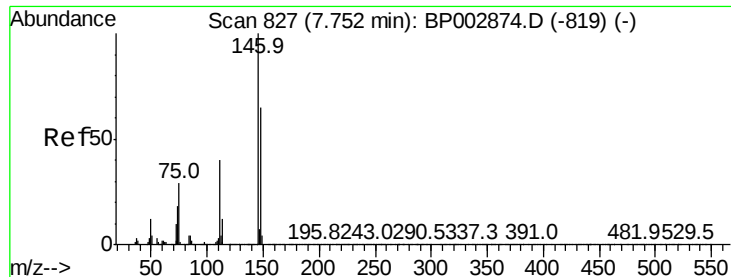
Tot Ion	Ratio	Lower	Upper
93	100		
63	58.2	38.4	78.4
95	33.3	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 43.781 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.4	77.0
75	21.4	17.4	26.0





#13

1,4-Dichlorobenzene

Concen: 44.862 ng

RT: 7.72 min Scan# 821

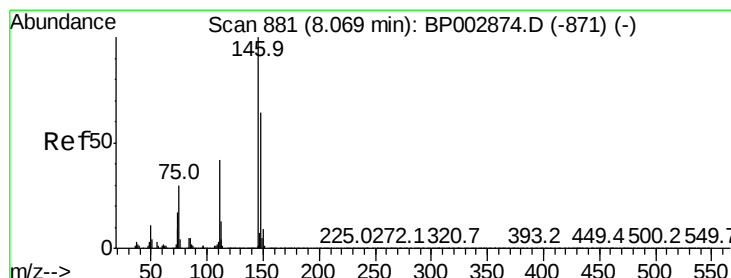
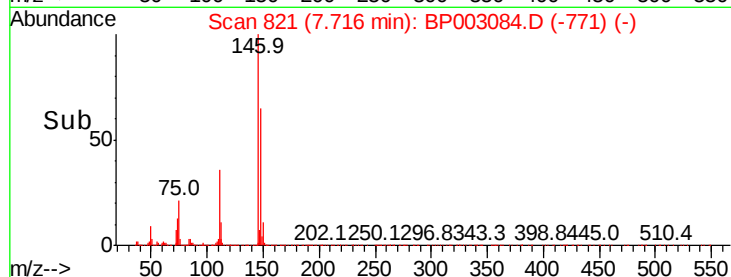
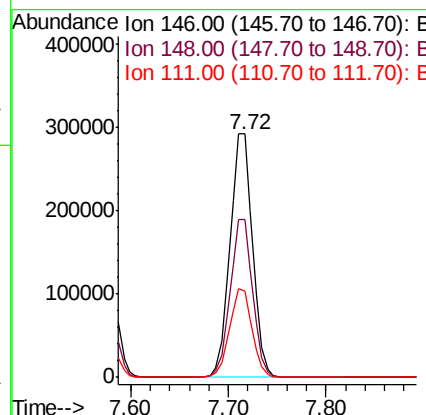
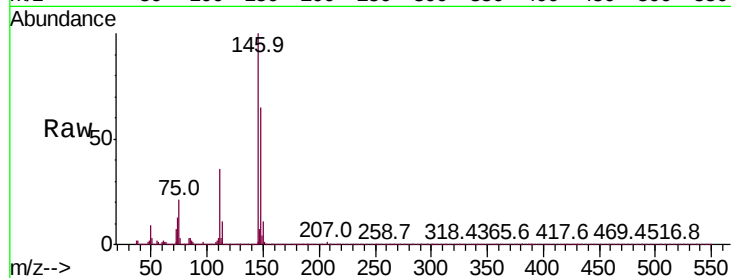
Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
111	35.6	29.0	43.4



#14

1,2-Dichlorobenzene

Concen: 46.550 ng

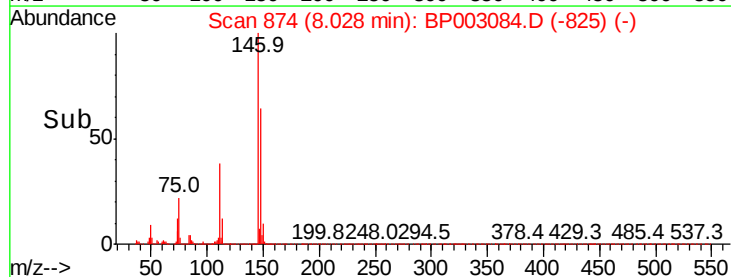
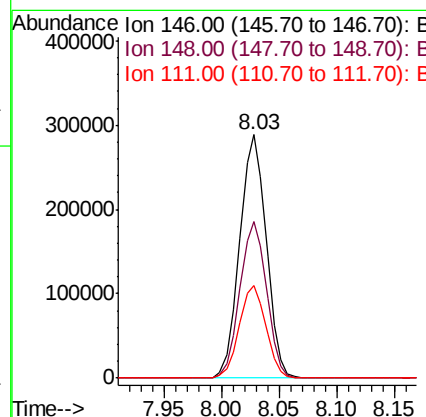
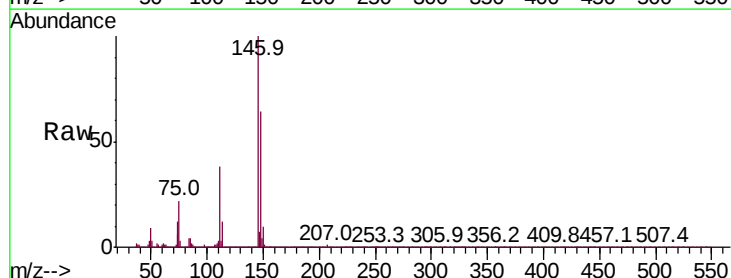
RT: 8.03 min Scan# 874

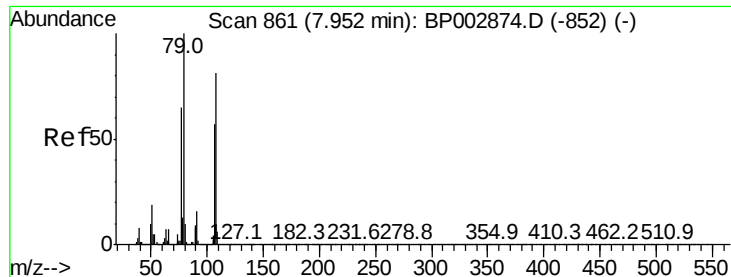
Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.5	77.3
111	38.1	30.5	45.7





#15

Benzyl Alcohol

Concen: 46.515 ng

RT: 7.92 min Scan# 855

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

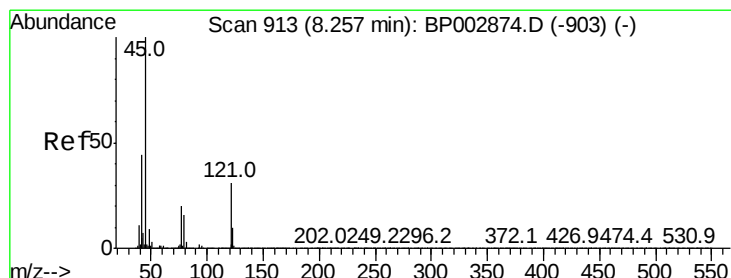
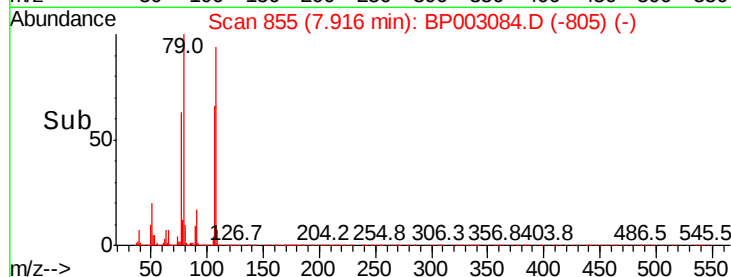
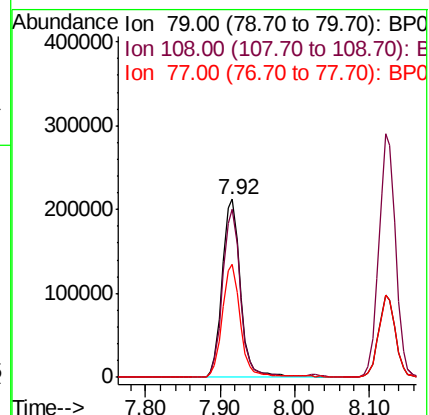
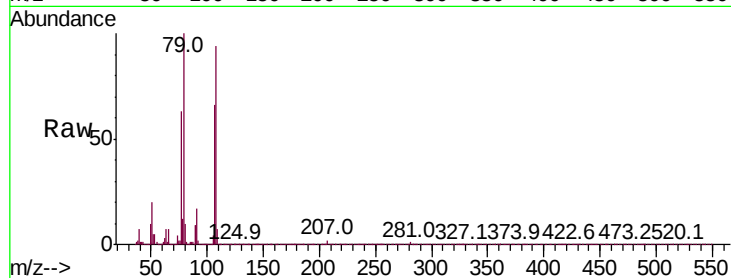
Tot Ion: 79 Resp: 363195

Ion	Ratio	Lower	Upper
79	100		
108	94.2	75.7	113.5
77	63.3	49.8	74.6

79 100

108 94.2 75.7 113.5

77 63.3 49.8 74.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.961 ng

RT: 8.21 min Scan# 905

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

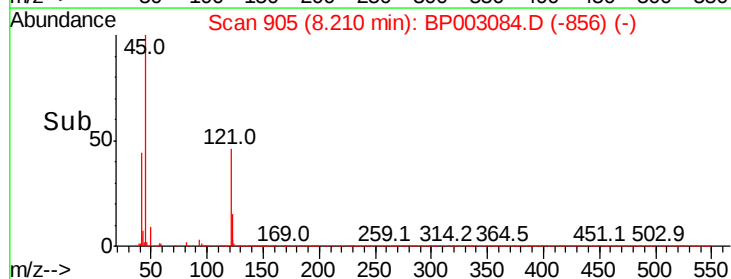
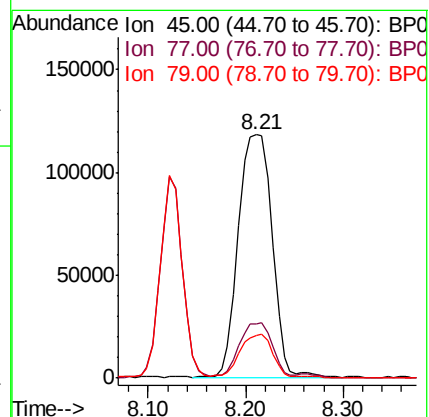
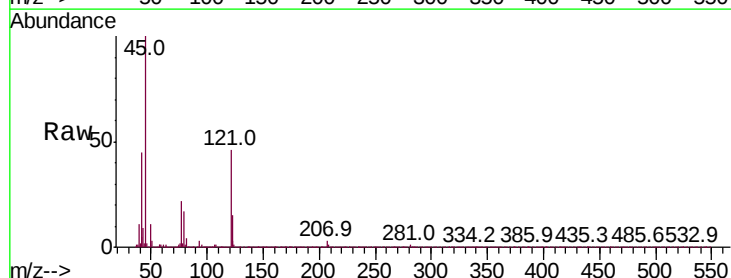
Tgt Ion: 45 Resp: 283864

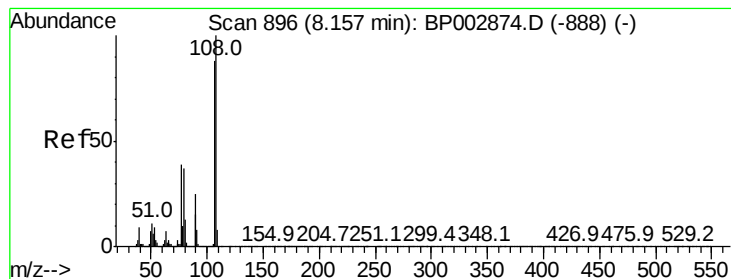
Ion	Ratio	Lower	Upper
45	100		
77	22.1	1.2	41.2
79	17.3	0.0	37.0

45 100

77 22.1 1.2 41.2

79 17.3 0.0 37.0





#17

2-Methylphenol

Concen: 53.140 ng

RT: 8.12 min Scan# 890

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

Tot Ion:107 Resp: 404710

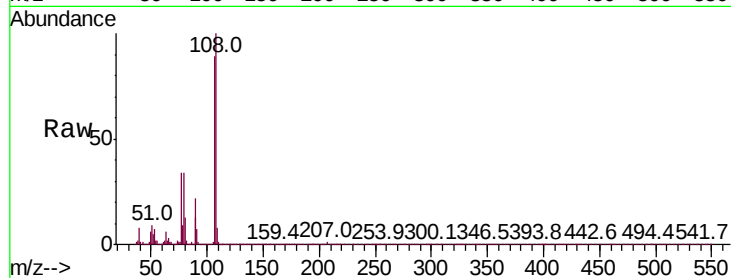
Ion Ratio Lower Upper

107 100

108 112.5 90.0 135.0

77 37.9 29.3 43.9

79 38.3 29.3 43.9



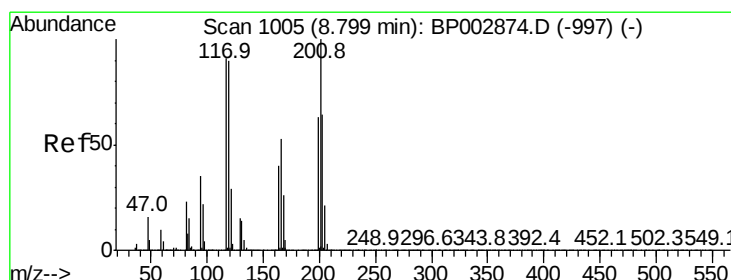
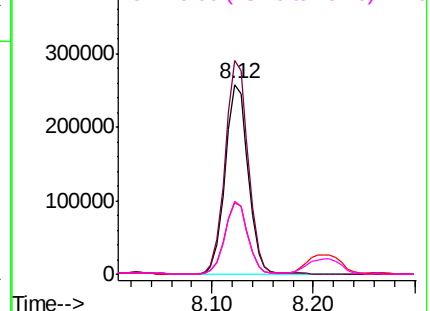
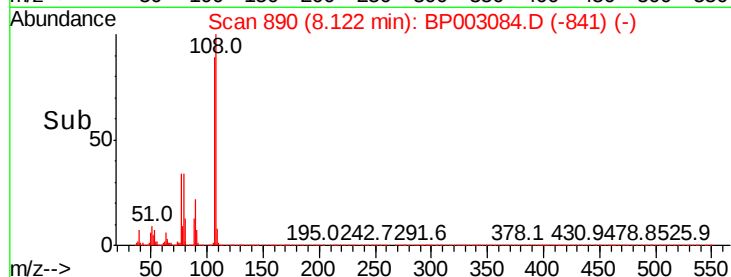
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 41.155 ng

RT: 8.75 min Scan# 997

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

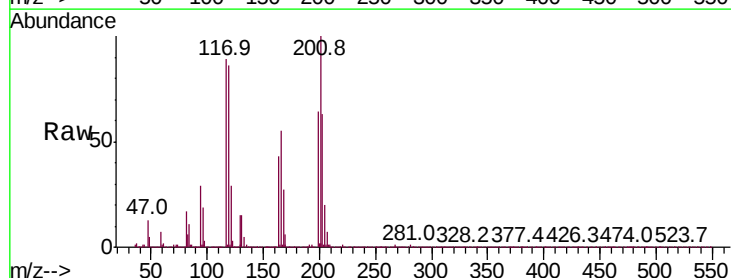
Tgt Ion:117 Resp: 148832

Ion Ratio Lower Upper

117 100

119 96.5 77.1 115.7

201 112.0 84.3 126.5

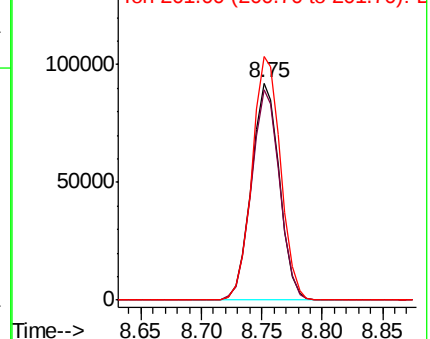
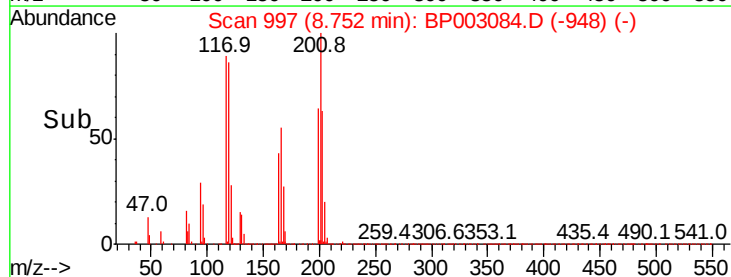


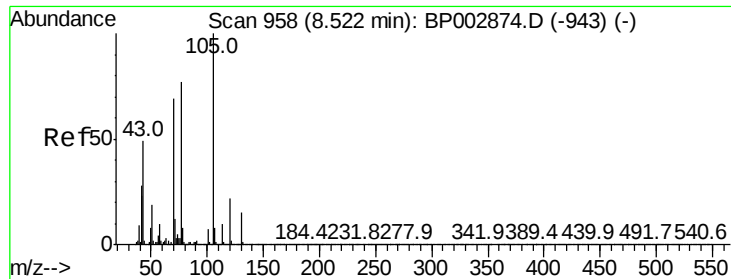
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.099 ng

RT: 8.48 min Scan# 951

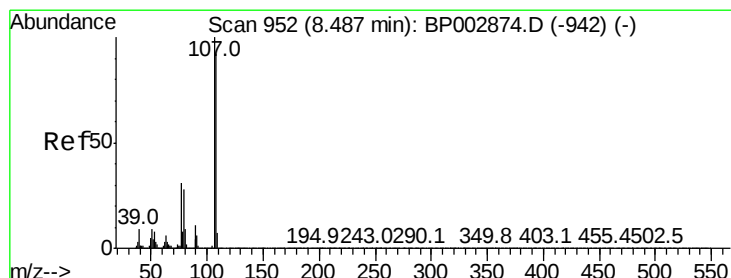
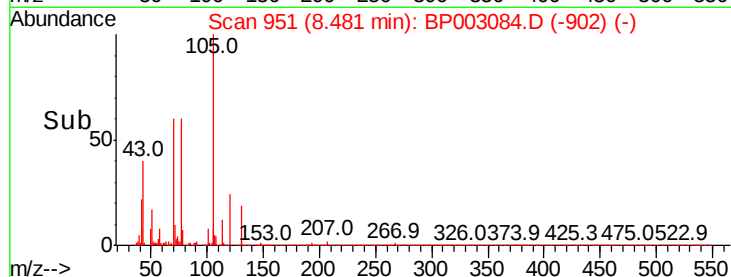
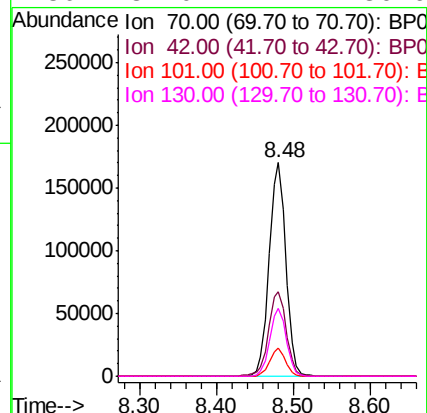
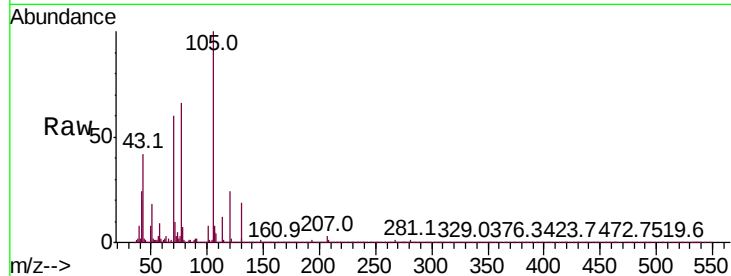
Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

Tot Ion:	70	Resp:	259779
Ion	Ratio	Lower	Upper
70	100		
42	39.8	31.8	47.8
101	13.1	9.8	14.8
130	32.0	24.4	36.6



#20

3+4-Methylphenols

Concen: 56.026 ng

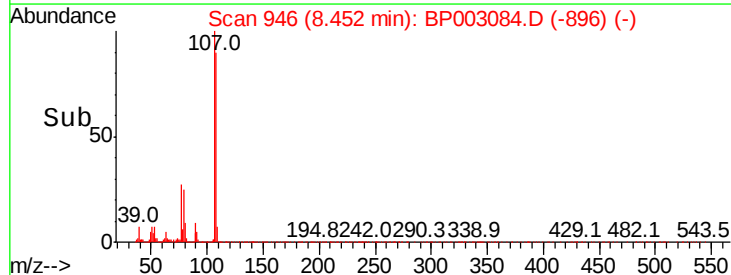
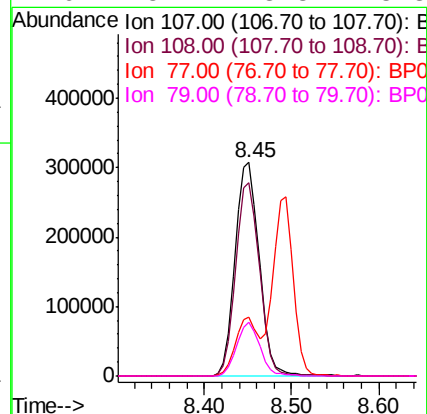
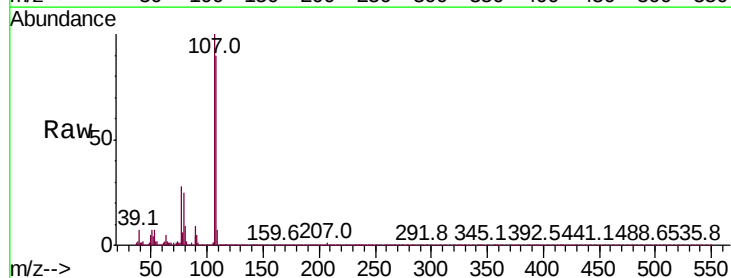
RT: 8.45 min Scan# 946

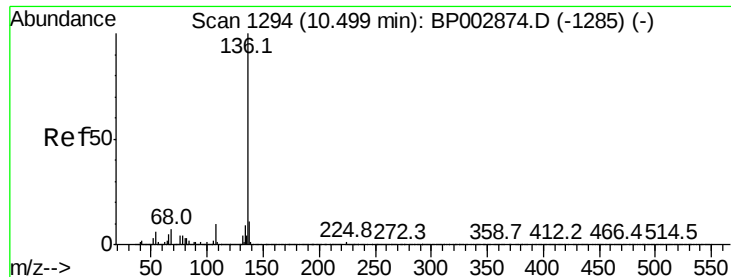
Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Tgt Ion:	107	Resp:	575067
Ion	Ratio	Lower	Upper
107	100		
108	90.4	69.1	109.1
77	27.6	7.2	47.2
79	25.4	3.3	43.3

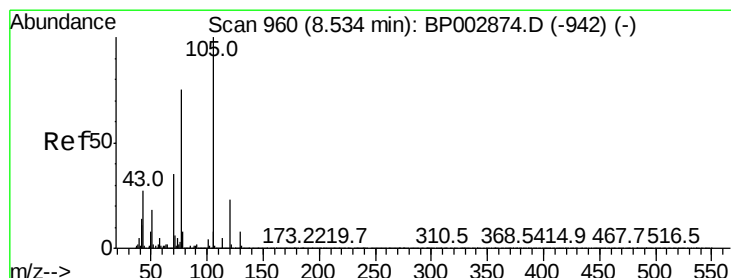
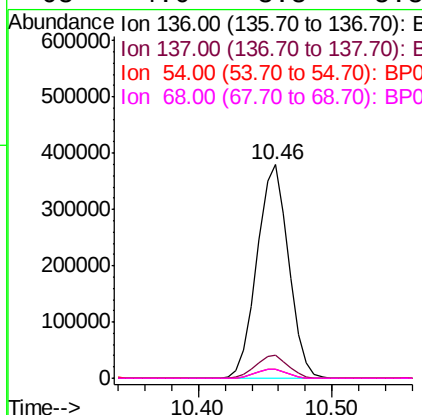
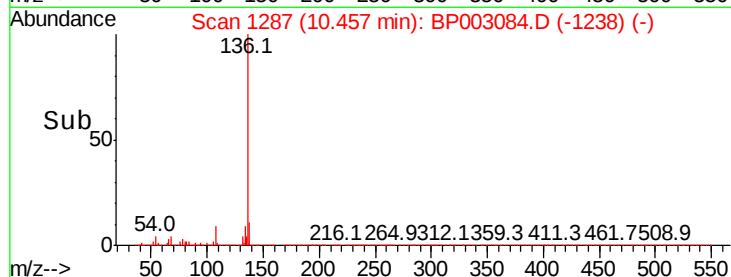
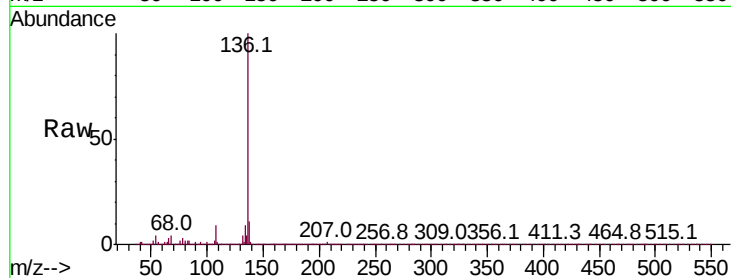




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

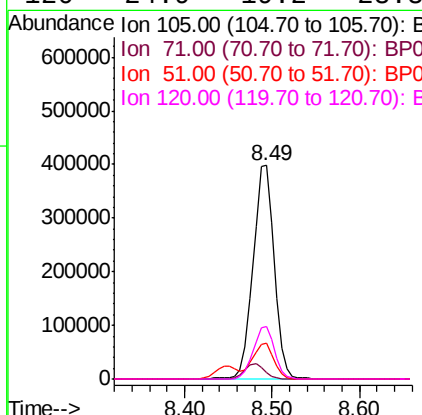
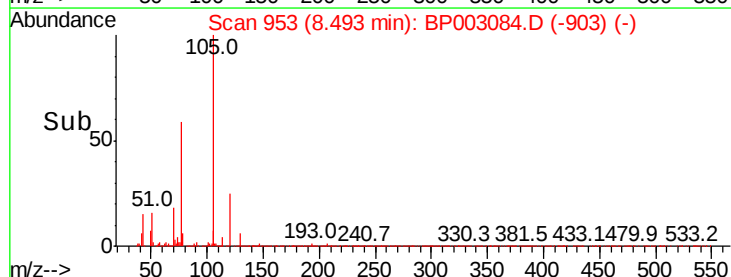
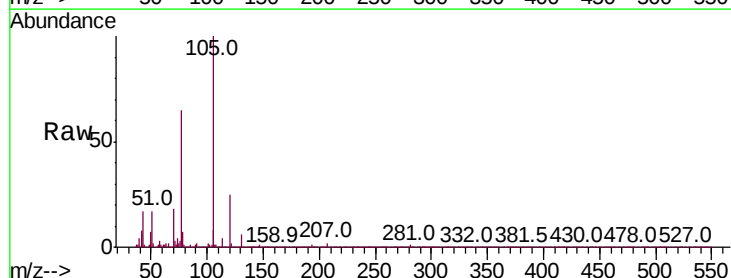
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

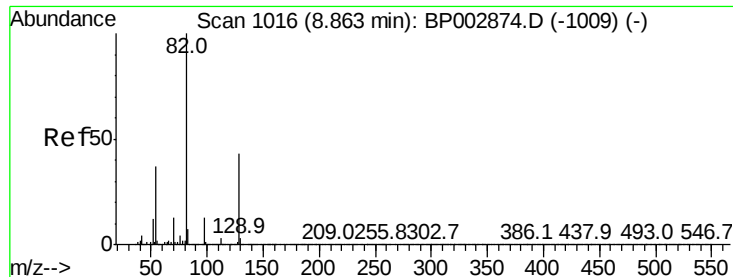
Tot Ion:136	Resp: 620645
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 4.4	3.8 5.8
68 4.0	3.8 5.8



#22
Acetophenone
Concen: 37.369 ng
RT: 8.49 min Scan# 953
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt	Ion:105	Resp:	654367
Ion	Ratio	Lower	Upper
105	100		
71	2.9	5.4	8.0#
51	16.7	13.5	20.3
120	24.9	19.2	28.8

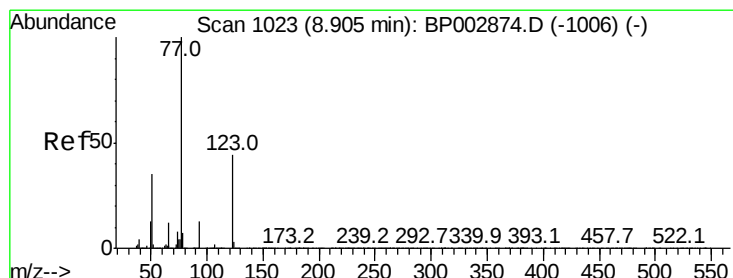
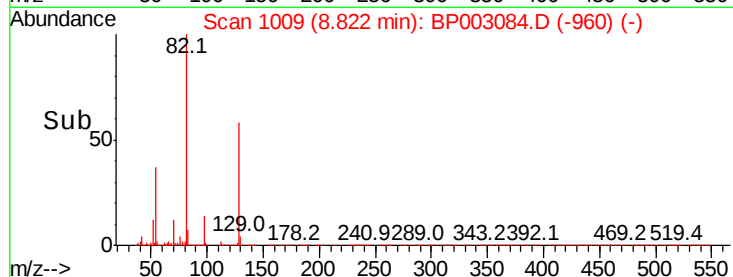
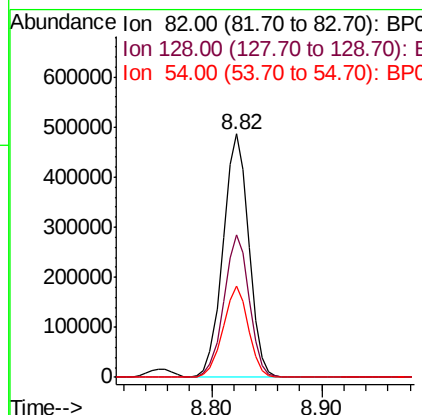
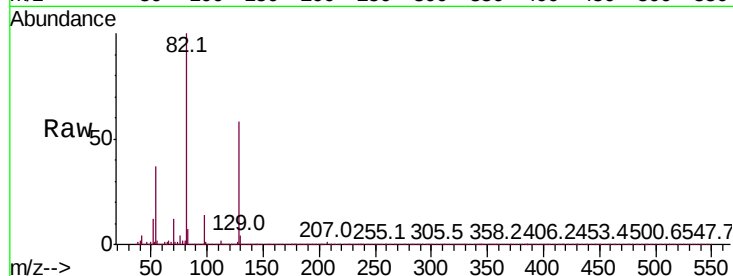




#23
 Nitrobenzene-d5
 Concen: 69.016 ng
 RT: 8.82 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BP003084.D
 Acq: 21 Aug 2020 19:41

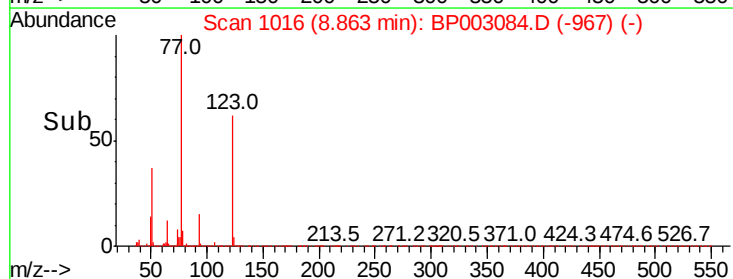
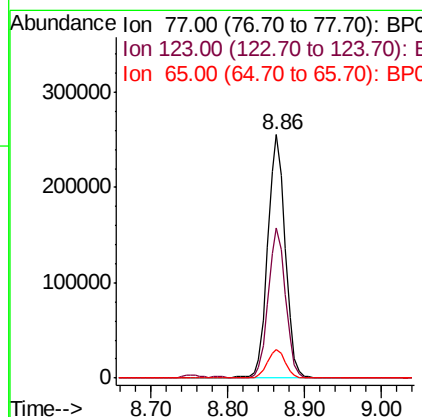
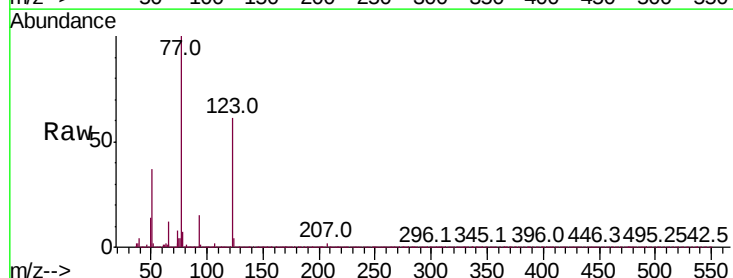
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MSD

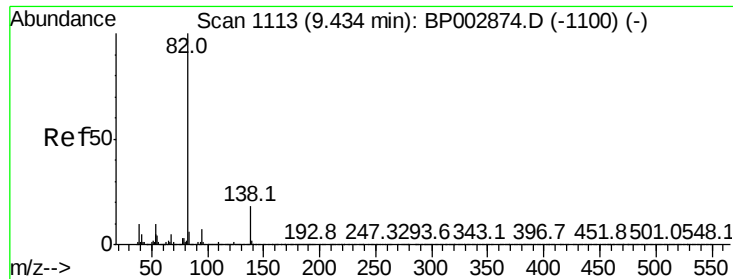
Tot Ion	82	Resp	790850
Ion Ratio	100		
Lower	45.1		
Upper	67.7		
54	37.4	28.8	43.2



#24
 Nitrobenzene
 Concen: 32.550 ng
 RT: 8.86 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BP003084.D
 Acq: 21 Aug 2020 19:41

Tgt Ion	77	Resp	404940
Ion Ratio	100		
Lower	47.5		
Upper	71.3		
65	11.9	9.2	13.8

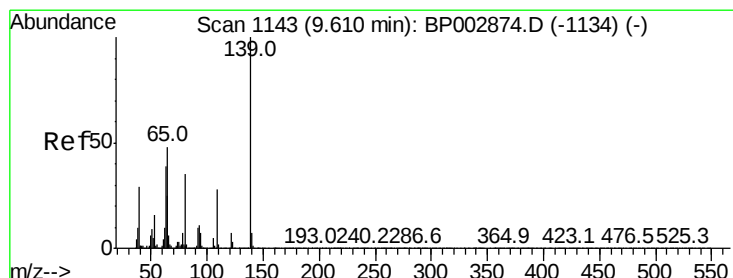
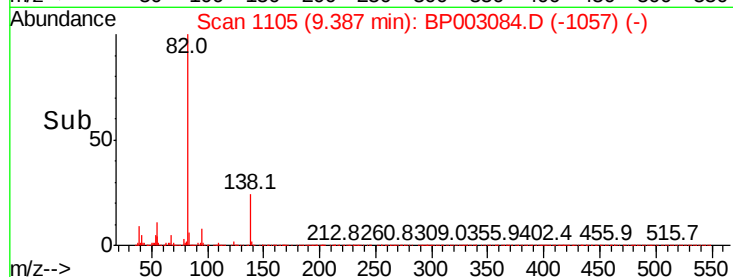
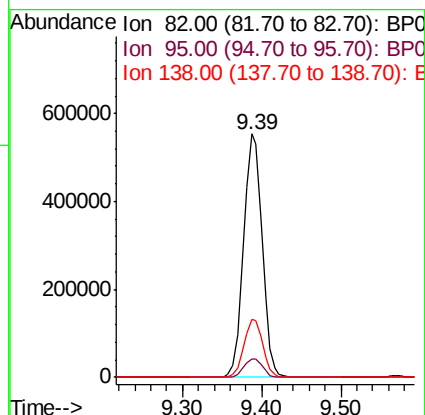
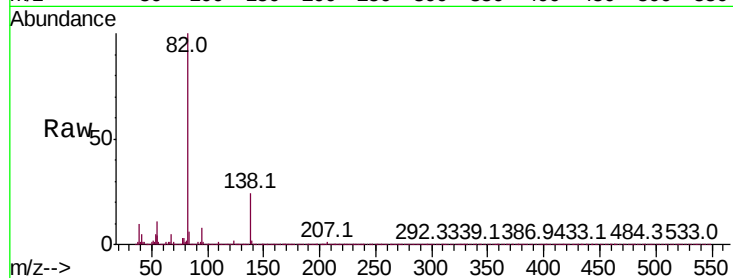




#25
Isophorone
Concen: 36.355 ng
RT: 9.39 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

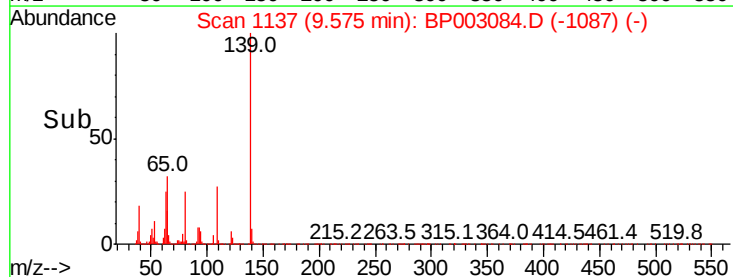
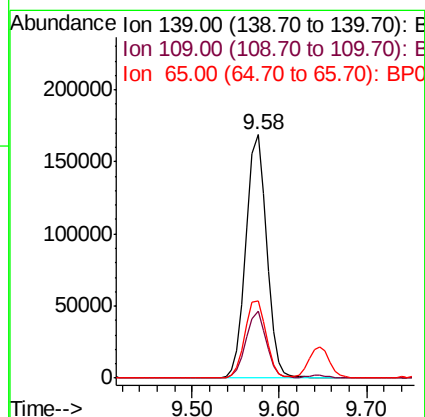
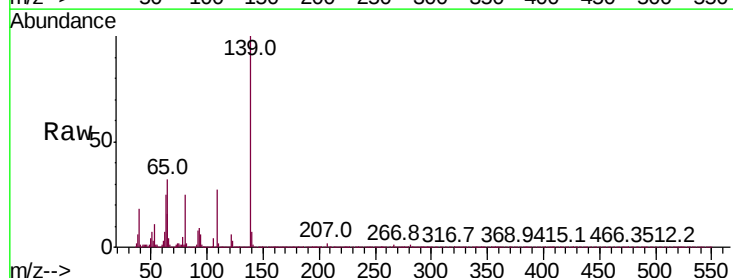
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

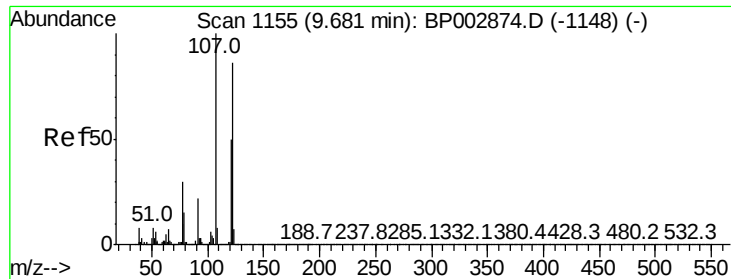
Tot Ion: 82 Resp: 894989
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 23.9 18.8 28.2



#26
2-Nitrophenol
Concen: 51.482 ng
RT: 9.58 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion: 139 Resp: 269215
Ion Ratio Lower Upper
139 100
109 27.3 21.0 31.6
65 31.7 27.2 40.8

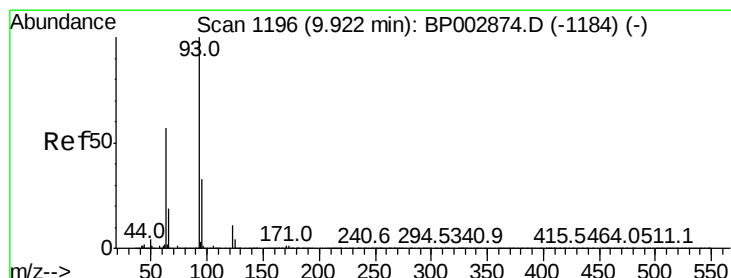
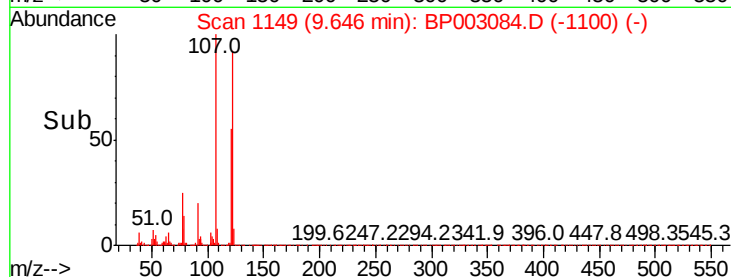
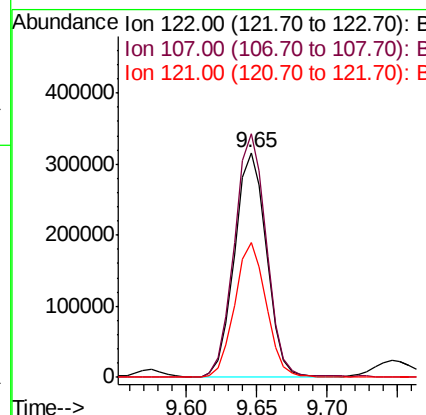
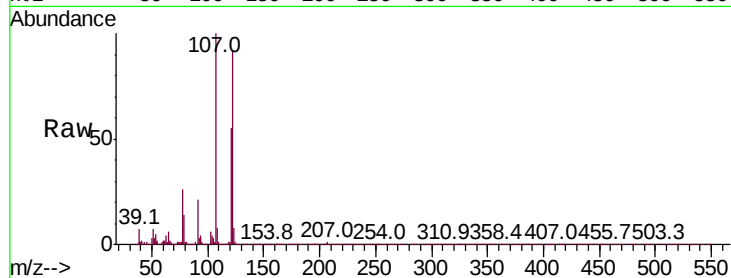




#27
2,4-Dimethylphenol
Concen: 51.135 ng
RT: 9.65 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

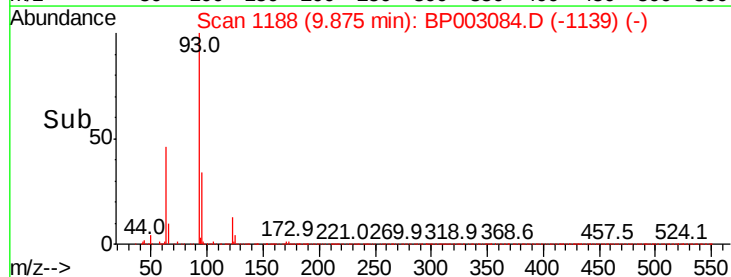
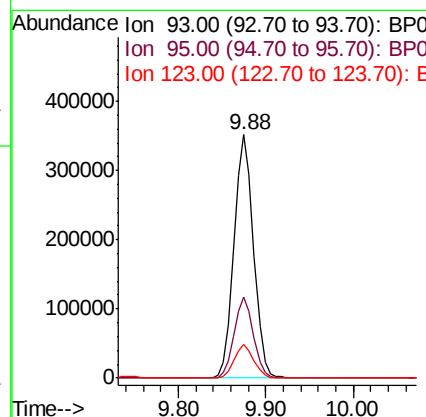
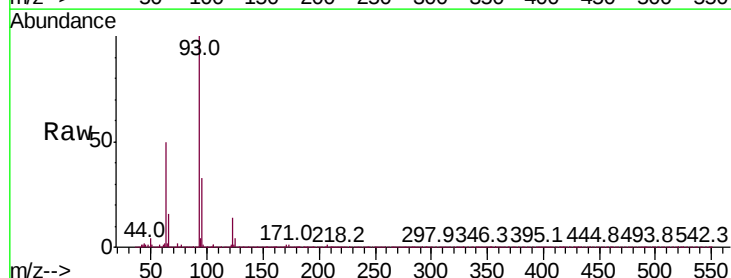
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

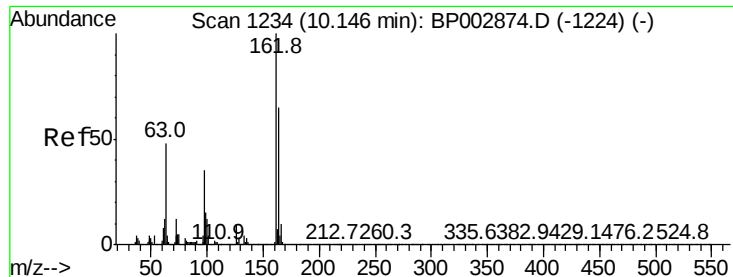
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.3	85.4	128.0
121	60.0	47.0	70.4



#28
bis(2-Chloroethoxy)methane
Concen: 38.979 ng
RT: 9.88 min Scan# 1188
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.1	39.1
123	13.6	10.5	15.7

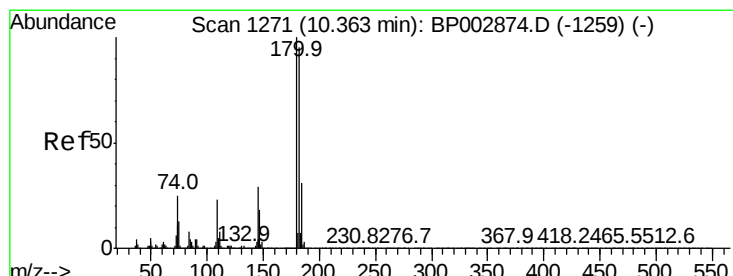
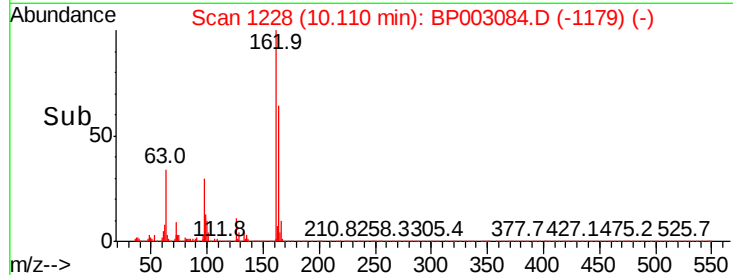
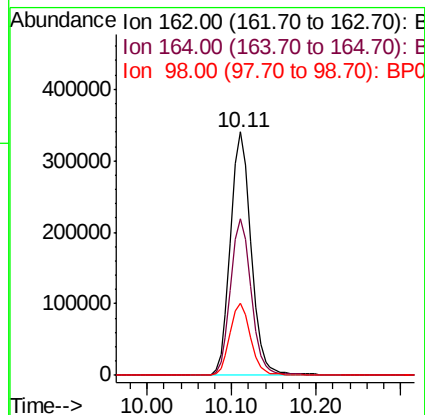
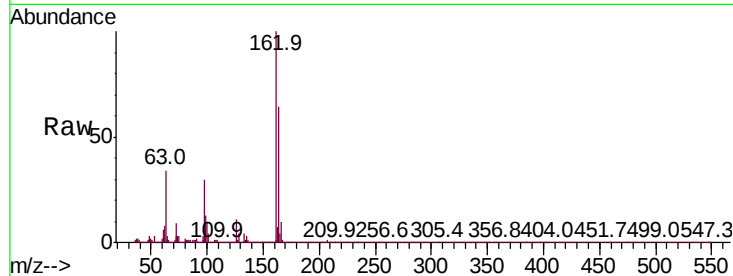




#29
2,4-Dichlorophenol
Concen: 55.563 ng
RT: 10.11 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

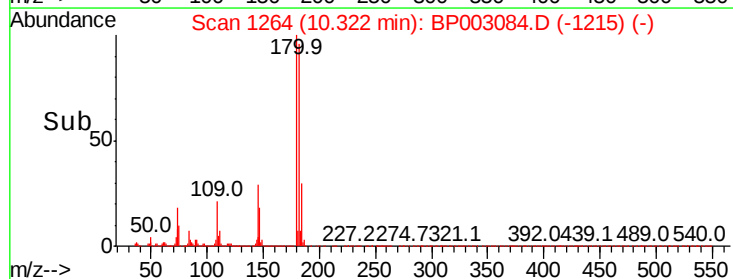
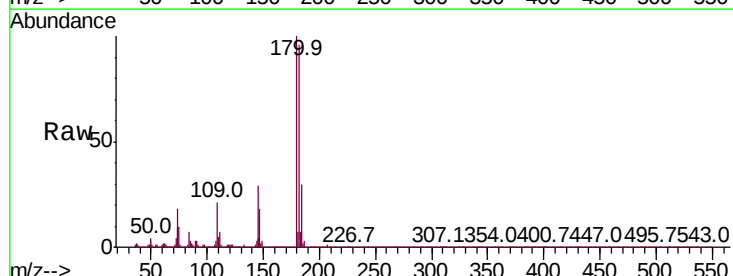
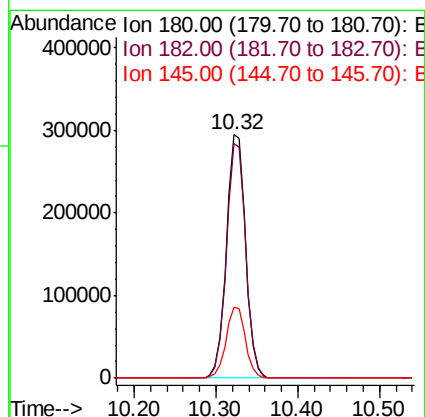
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

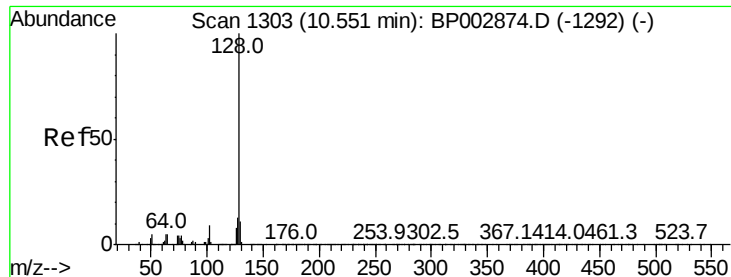
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	43.9	83.9
98	29.5	10.0	50.0



#30
1,2,4-Trichlorobenzene
Concen: 39.667 ng
RT: 10.32 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.3	114.5
145	29.1	24.4	36.6

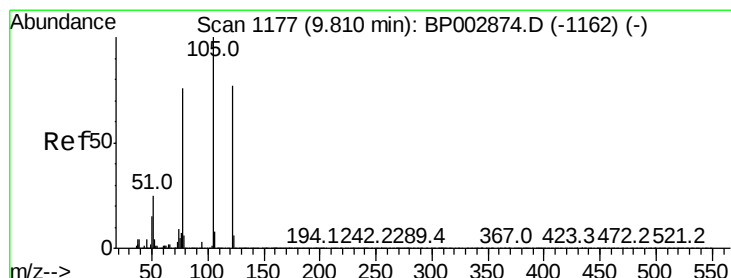
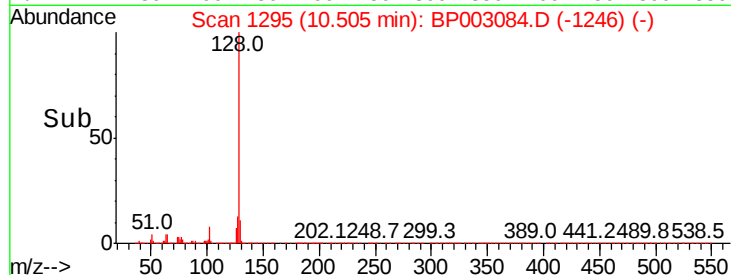
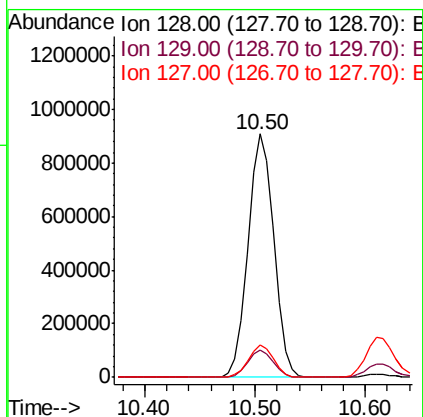
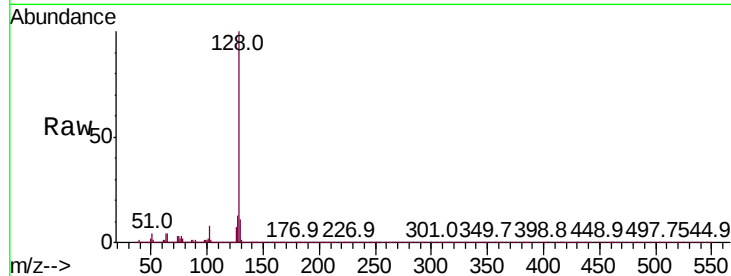




#31
Naphthalene
Concen: 42.002 ng
RT: 10.50 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

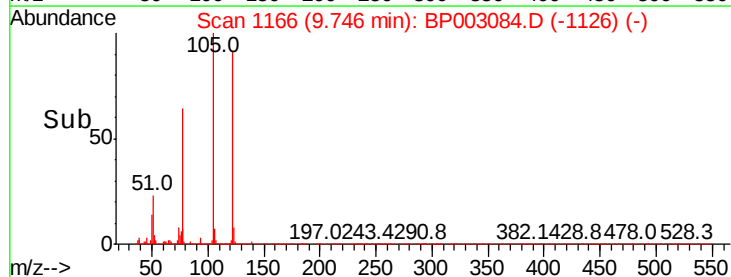
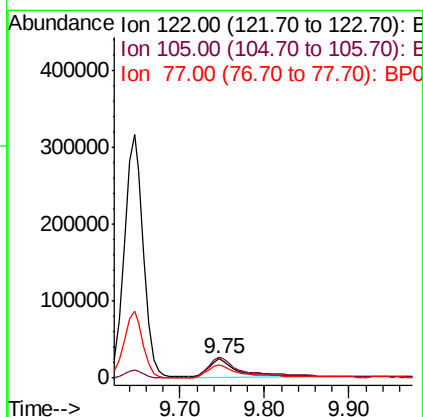
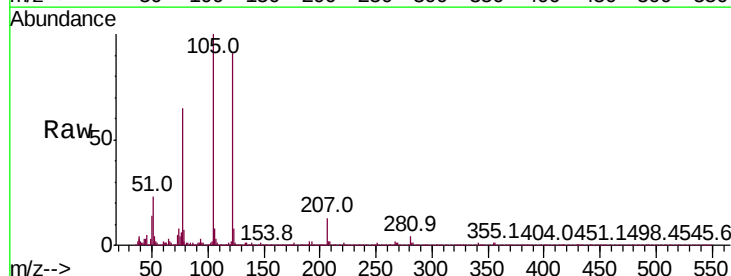
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

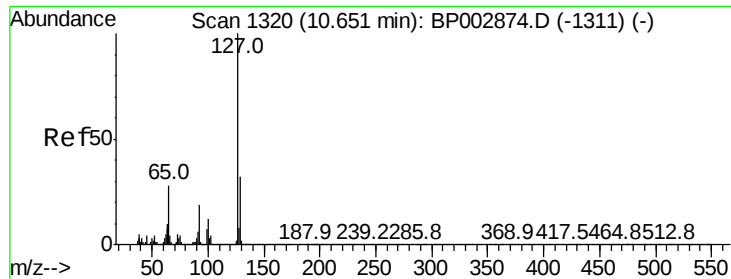
Tot Ion:128 Resp: 1492260
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 16.948 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.06 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion:122 Resp: 63583
Ion Ratio Lower Upper
122 100
105 109.9 96.2 136.2
77 71.2 55.6 95.6

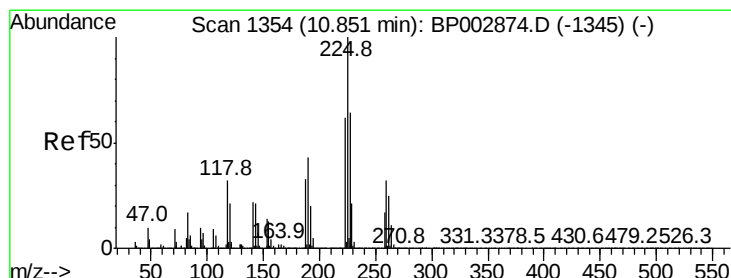
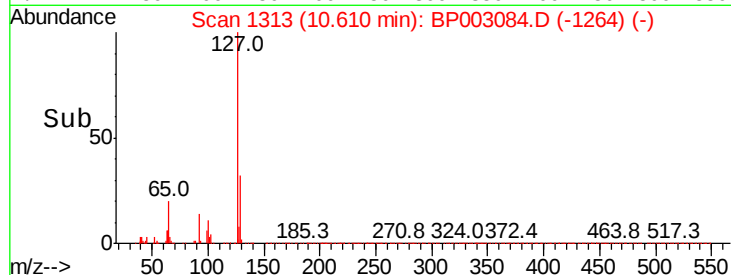
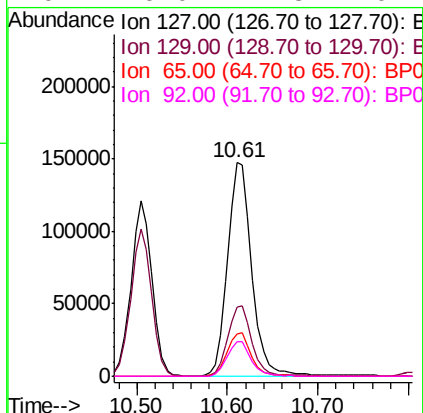
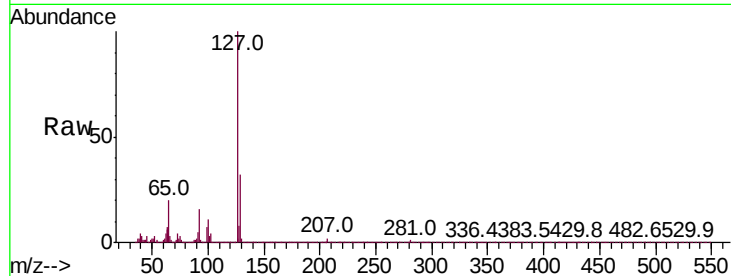




#33
4-Chloroaniline
Concen: 18.507 ng
RT: 10.61 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

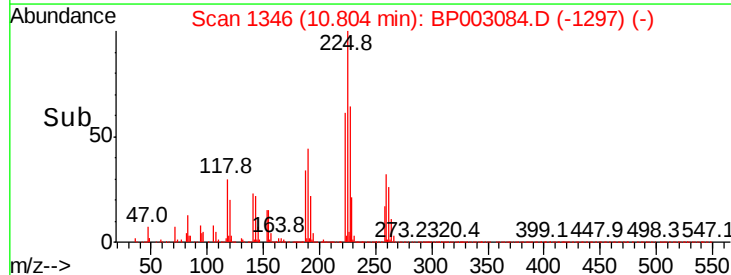
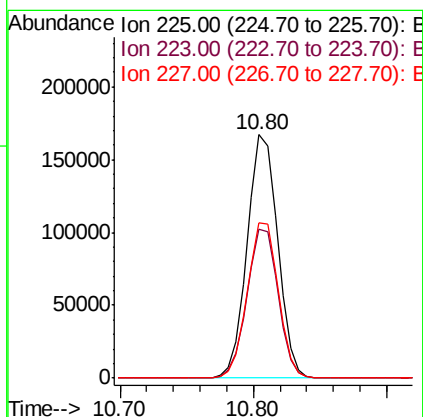
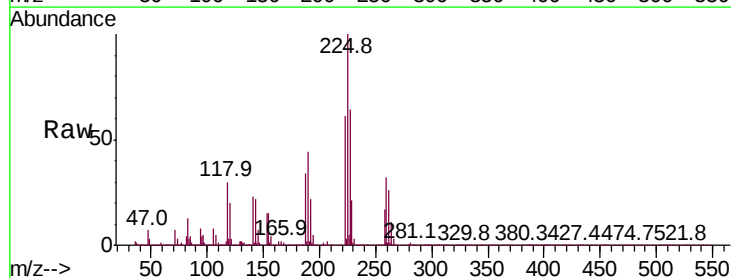
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

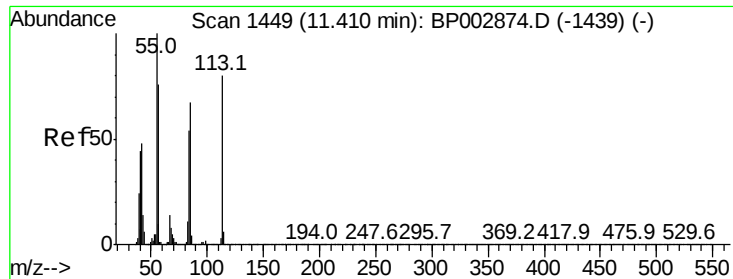
Tot Ion:	127	Resp:	272490
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	19.8	16.7	25.1
92	16.0	12.8	19.2



#34
Hexachlorobutadiene
Concen: 35.598 ng
RT: 10.80 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion:	225	Resp:	262749
Ion	Ratio	Lower	Upper
225	100		
223	61.3	50.4	75.6
227	63.6	51.0	76.6

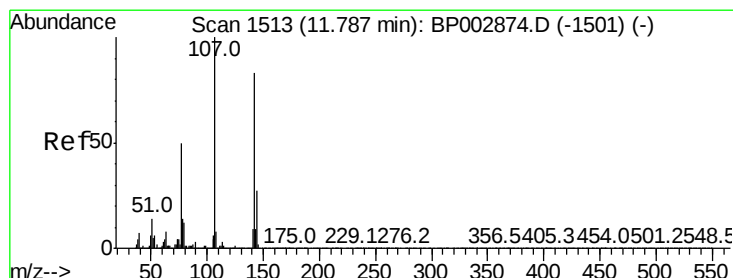
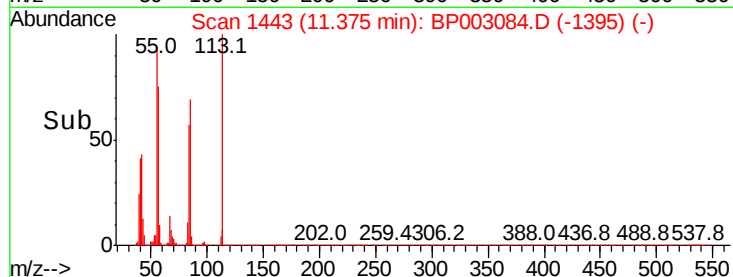
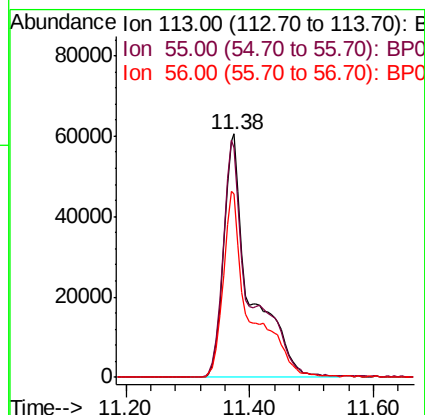
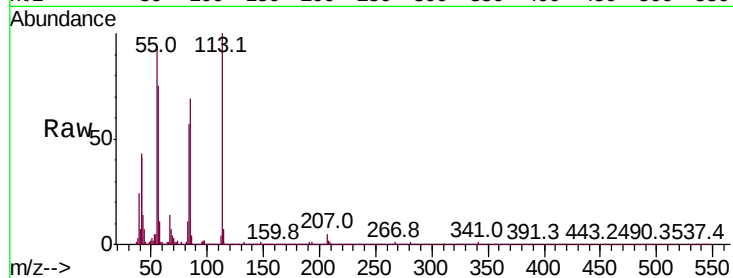




#35
Caprolactam
Concen: 57.062 ng
RT: 11.38 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

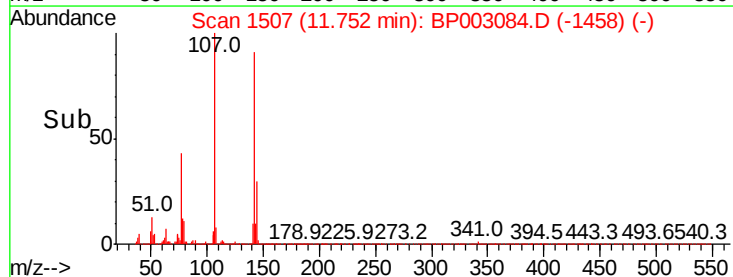
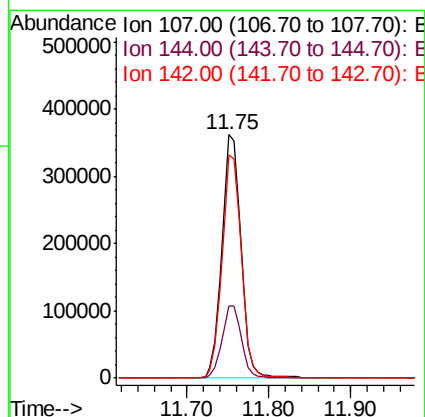
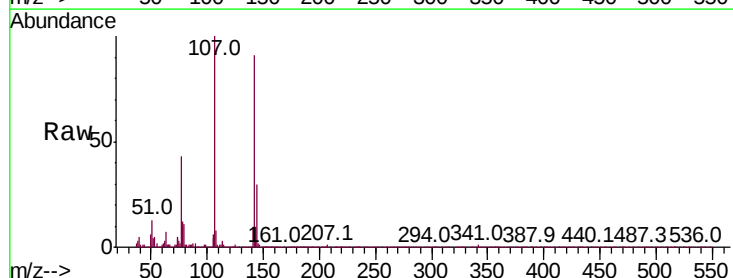
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

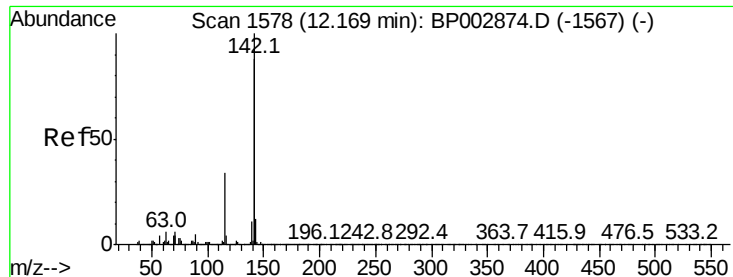
Tot Ion:113 Resp: 182171
Ion Ratio Lower Upper
113 100
55 94.4 87.1 127.1
56 75.3 61.0 101.0



#36
4-Chloro-3-methylphenol
Concen: 55.384 ng
RT: 11.75 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion:107 Resp: 594024
Ion Ratio Lower Upper
107 100
144 29.6 23.8 35.6
142 91.4 74.2 111.4

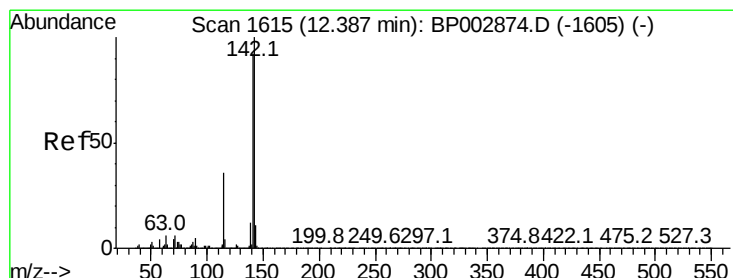
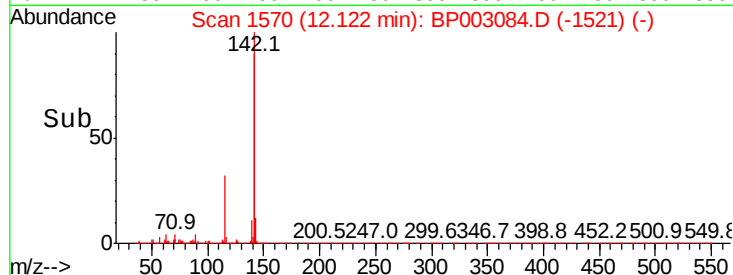
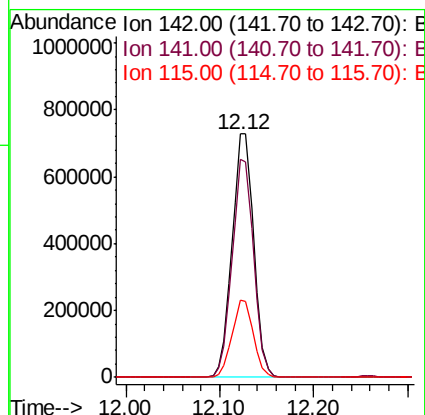
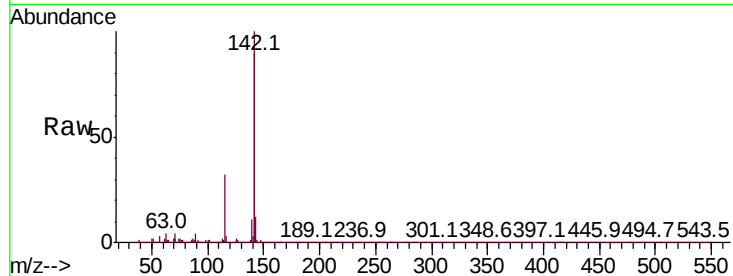




#37
2-Methylnaphthalene
Concen: 46.132 ng
RT: 12.12 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

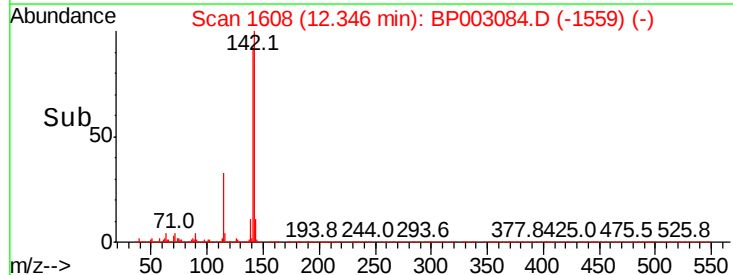
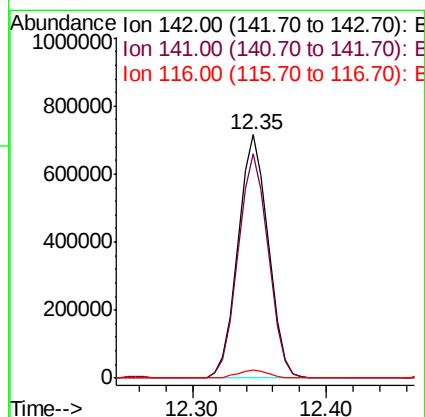
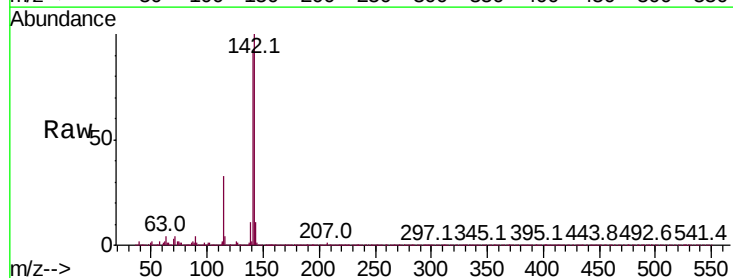
Instrument :
BNA_P
ClientSampleId :
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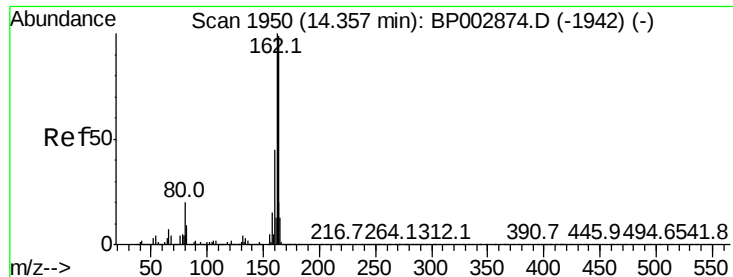
Tot Ion:142 Resp: 1165870
Ion Ratio Lower Upper
142 100
141 89.8 70.5 105.7
115 31.8 25.0 37.4



#38
1-Methylnaphthalene
Concen: 47.113 ng
RT: 12.35 min Scan# 1608
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion:142 Resp: 1120812
Ion Ratio Lower Upper
142 100
141 92.1 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: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

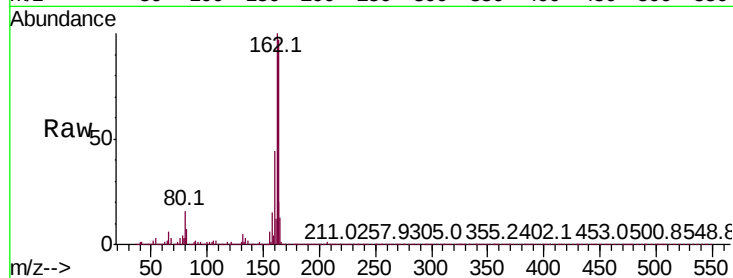
Tot Ion:164 Resp: 461889

Ion Ratio Lower Upper

164 100

162 102.6 81.4 122.0

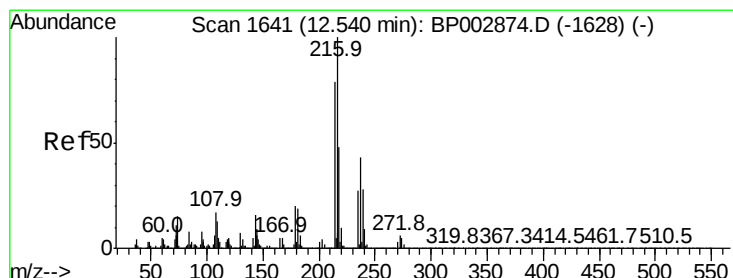
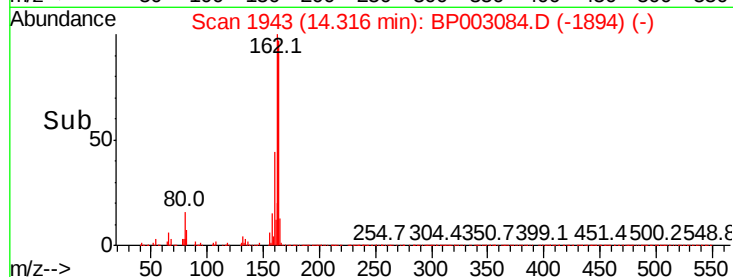
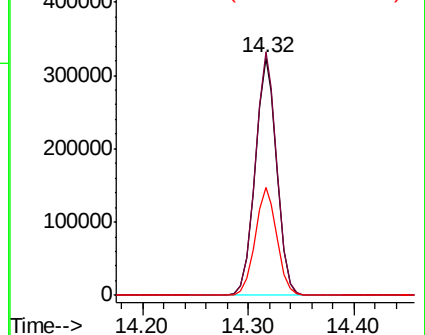
160 45.6 35.5 53.3



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: 34.311 ng

RT: 12.50 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Tgt Ion:216 Resp: 569797

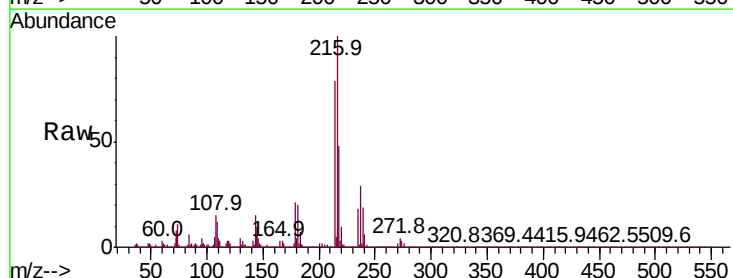
Ion Ratio Lower Upper

216 100

214 78.4 62.6 94.0

179 21.0 17.3 25.9

108 17.0 13.6 20.4

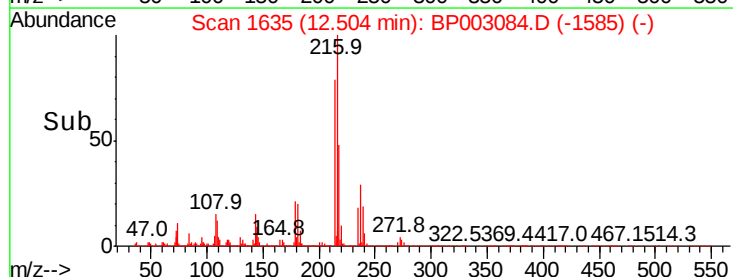
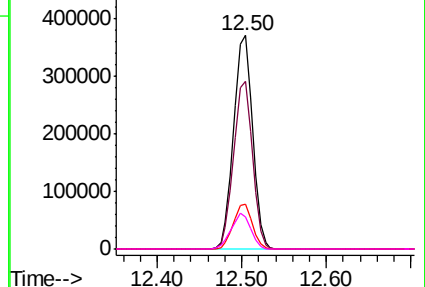


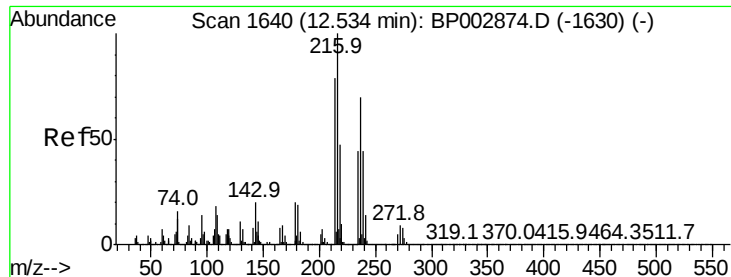
Abundance Ion 216.00 (215.70 to 216.70): E

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

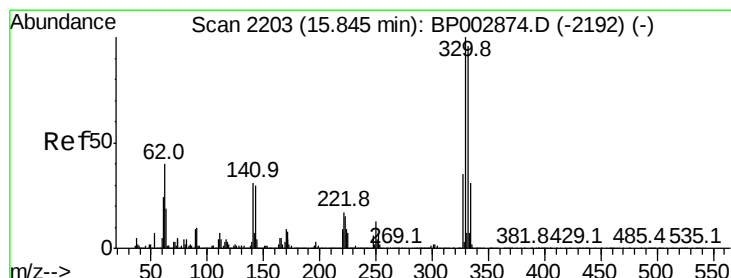
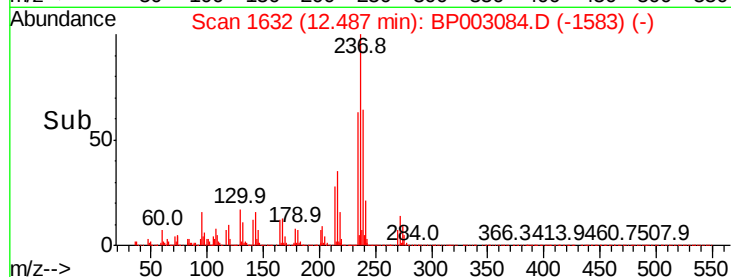
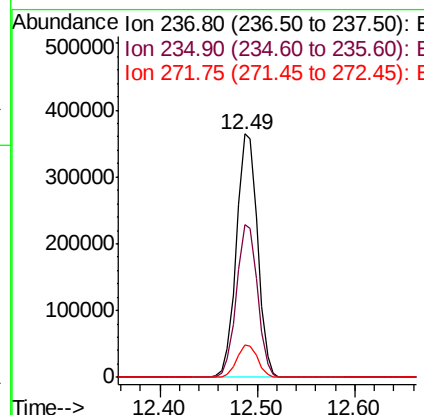
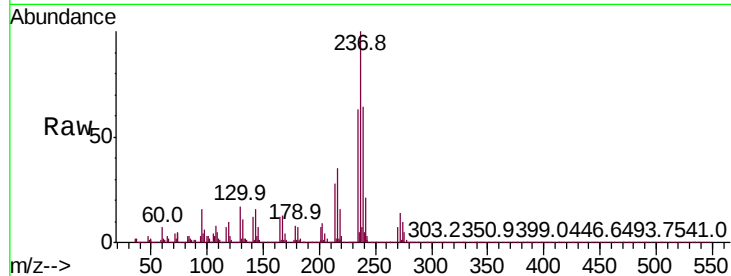




#41
Hexachlorocyclopentadiene
Concen: 63.269 ng
RT: 12.49 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

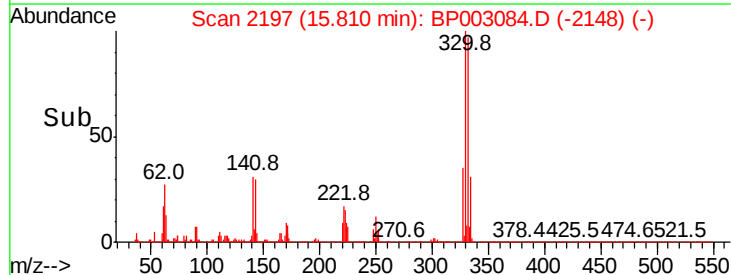
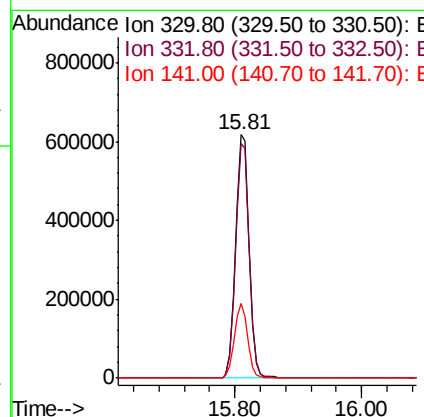
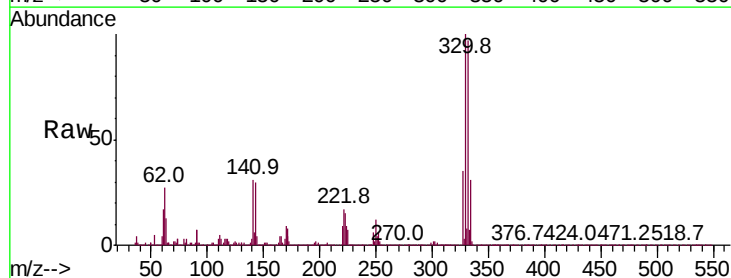
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

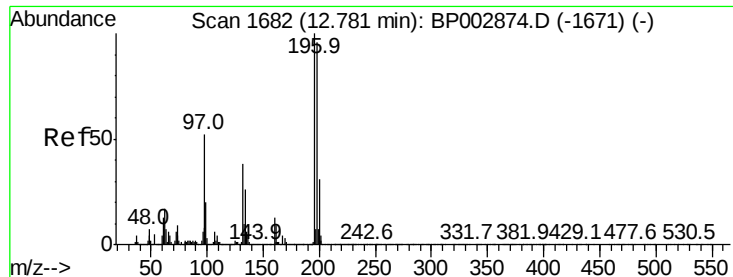
Tot Ion:	237	Resp:	545062
Ion	Ratio	Lower	Upper
237	100		
235	63.0	43.8	83.8
272	13.5	0.0	33.3



#42
2,4,6-Tribromophenol
Concen: 154.493 ng
RT: 15.81 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion:	330	Resp:	886906
Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	29.9	26.7	40.1

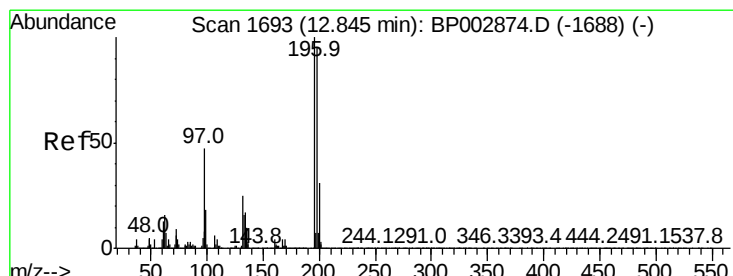
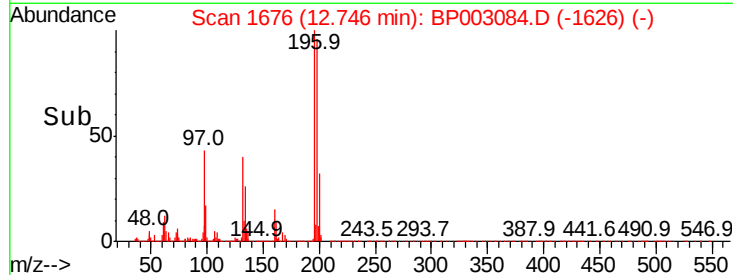
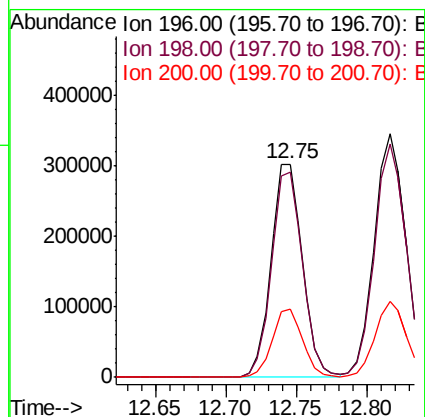
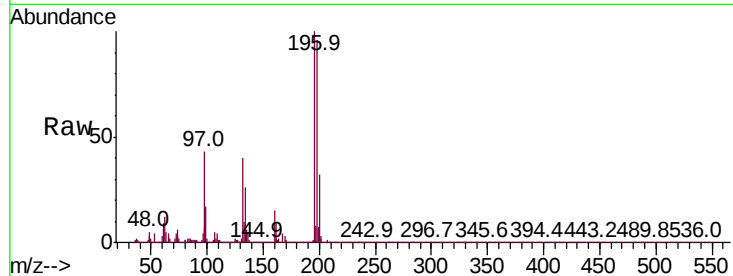




#43
 2,4,6-Trichlorophenol
 Concen: 48.999 ng
 RT: 12.75 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BP003084.D
 Acq: 21 Aug 2020 19:41

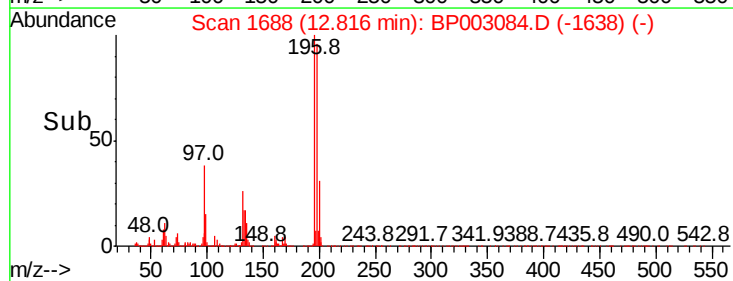
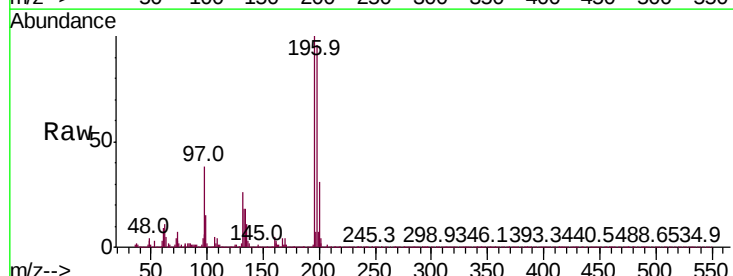
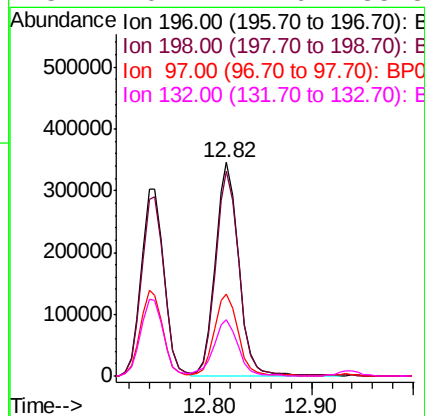
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MSD

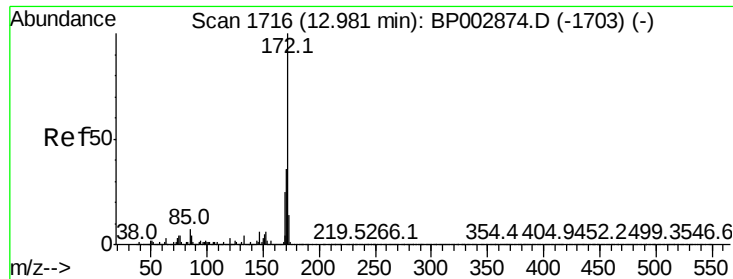
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.2	114.2
200	31.7	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 51.966 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP003084.D
 Acq: 21 Aug 2020 19:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	76.8	115.2
97	38.1	33.6	50.4
132	26.4	22.6	33.8



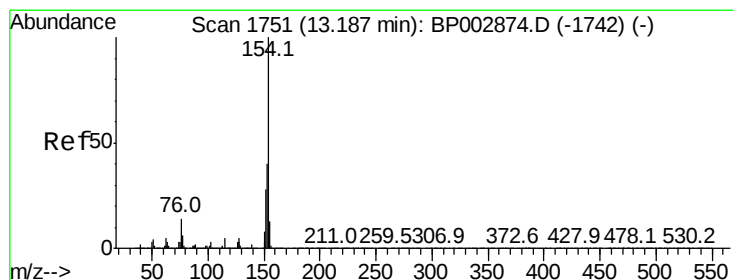
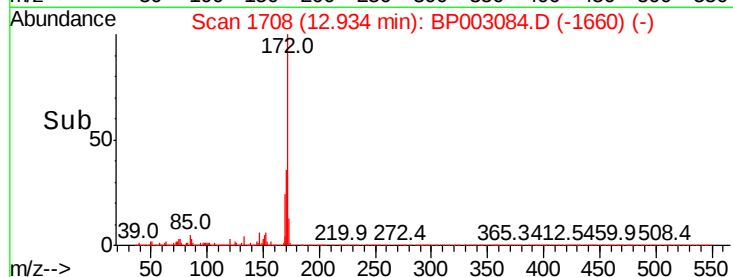
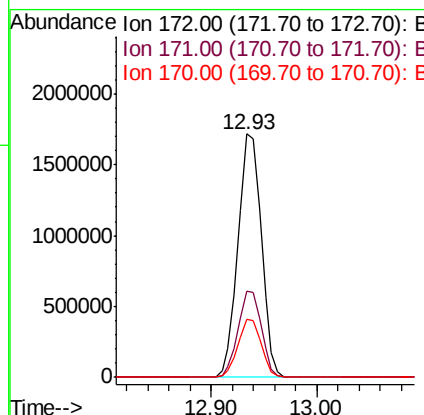
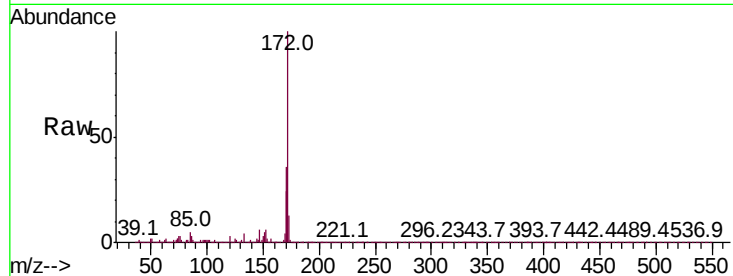


#45
2-Fluorobiphenyl
Concen: 77.096 ng
RT: 12.93 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

Tot Ion:172 Resp: 2606313

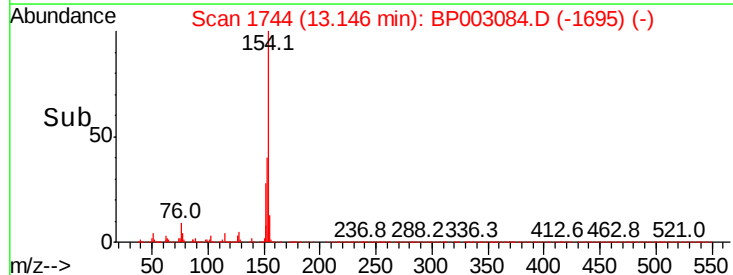
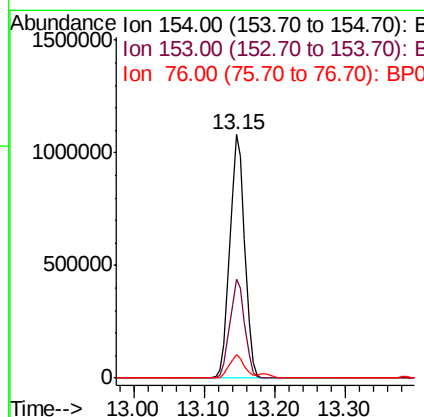
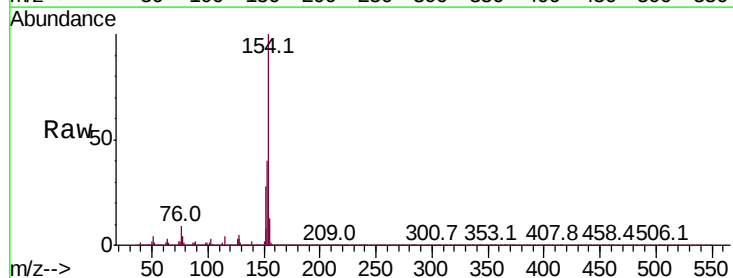
Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.0	43.4
170	23.7	19.1	28.7

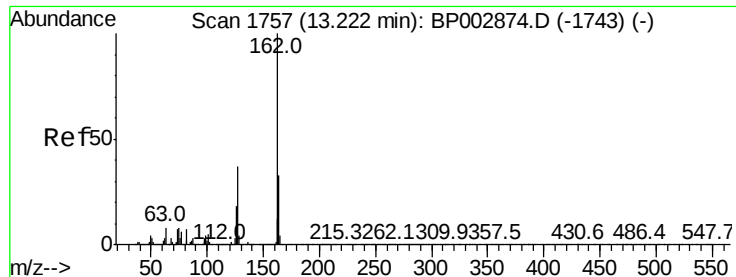


#46
1,1'-Biphenyl
Concen: 41.246 ng
RT: 13.15 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion:154 Resp: 1574932

Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	9.4	0.0	30.1

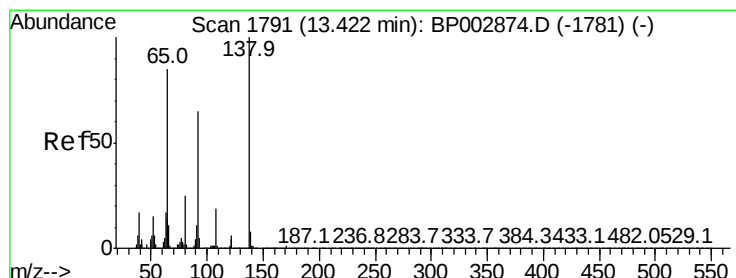
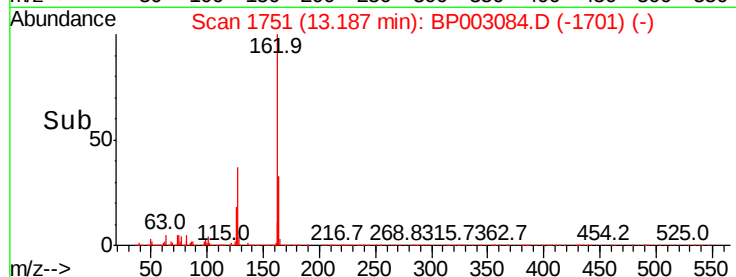
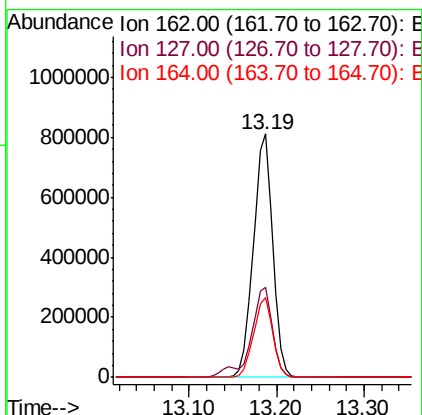
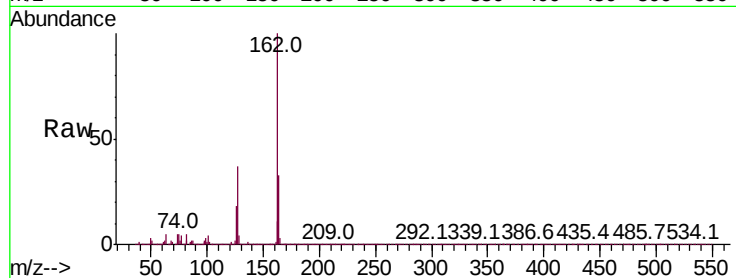




#47
2-Chloronaphthalene
Concen: 40.479 ng
RT: 13.19 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

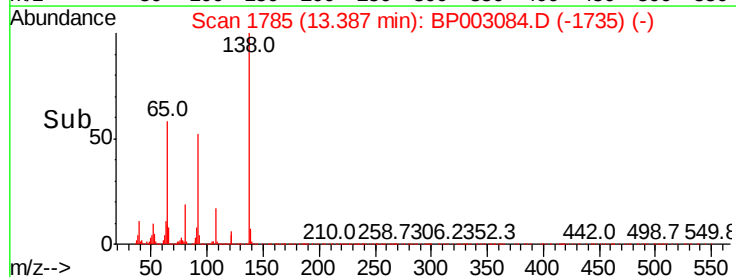
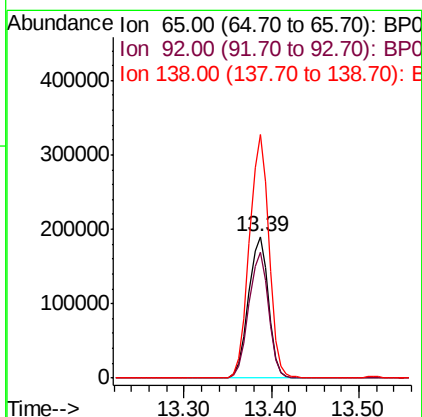
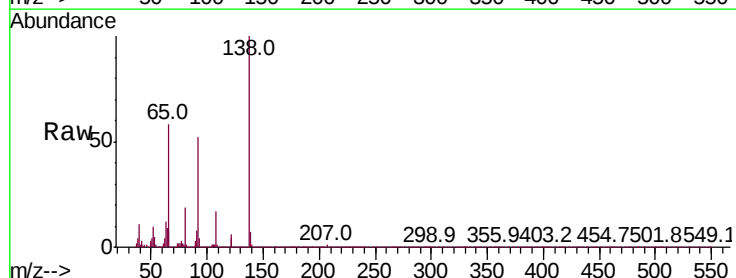
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

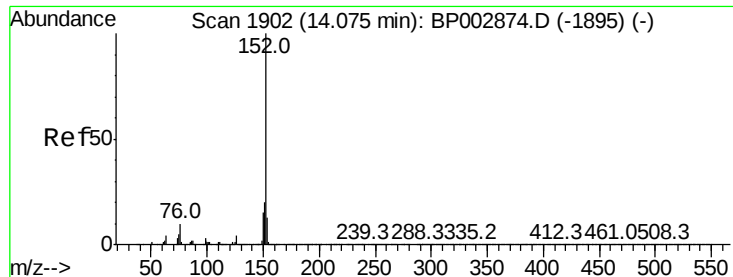
Tot Ion:162 Resp: 1210343
Ion Ratio Lower Upper
162 100
127 36.8 30.6 46.0
164 32.7 26.5 39.7



#48
2-Nitroaniline
Concen: 39.720 ng
RT: 13.39 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion: 65 Resp: 290666
Ion Ratio Lower Upper
65 100
92 89.4 70.1 105.1
138 172.2 129.7 194.5





#49

Acenaphthylene

Concen: 45.069 ng

RT: 14.03 min Scan# 1895

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

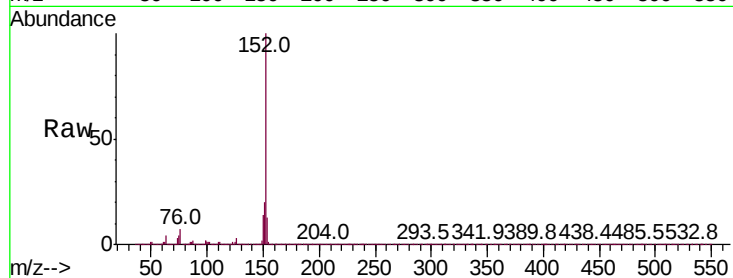
Tot Ion:152 Resp: 2113373

Ion Ratio Lower Upper

152 100

151 19.8 16.5 24.7

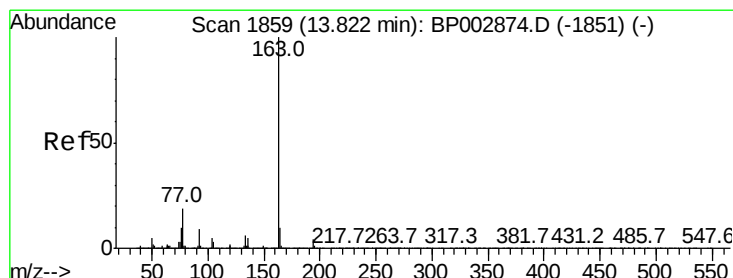
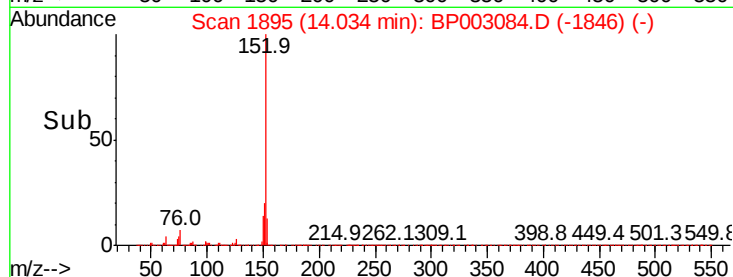
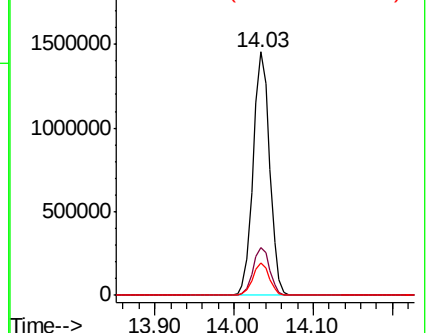
153 13.1 10.7 16.1



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: 50.120 ng

RT: 13.78 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

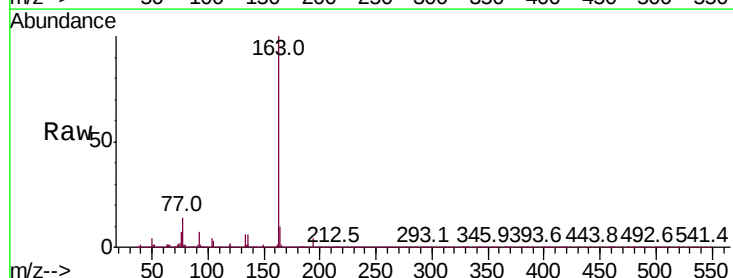
Tgt Ion:163 Resp: 1810627

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

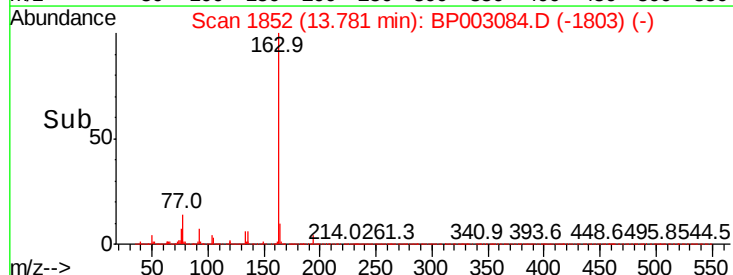
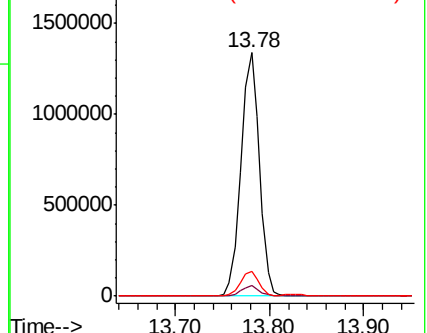
164 9.9 8.1 12.1

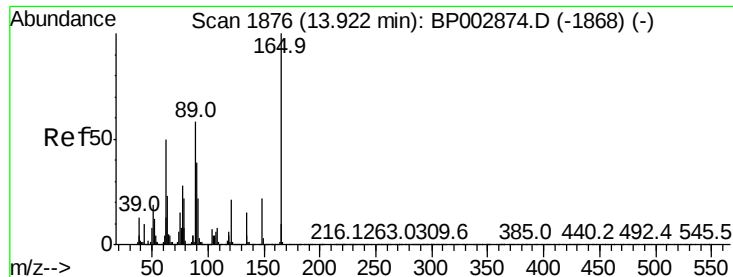


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

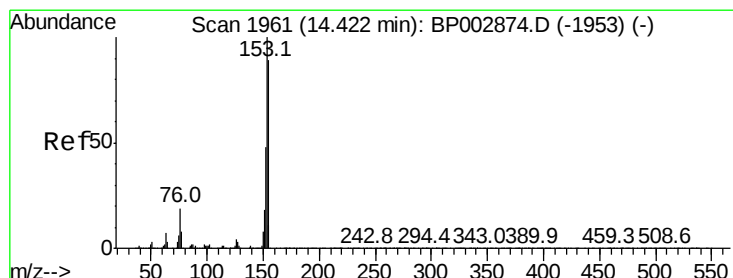
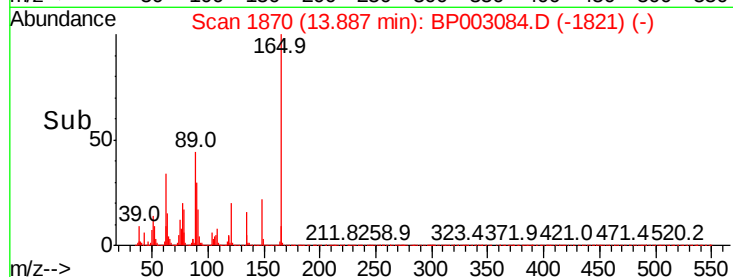
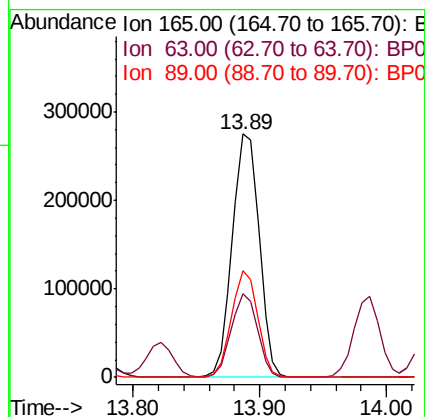
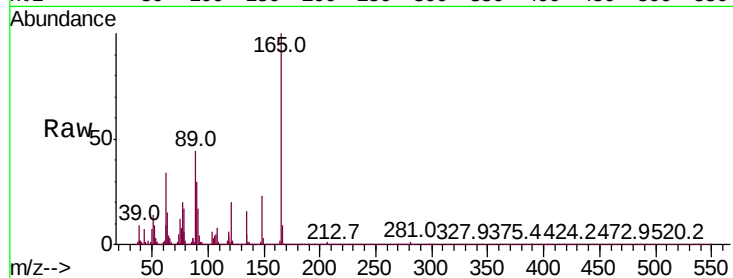




#51
2,6-Dinitrotoluene
Concen: 49.270 ng
RT: 13.89 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

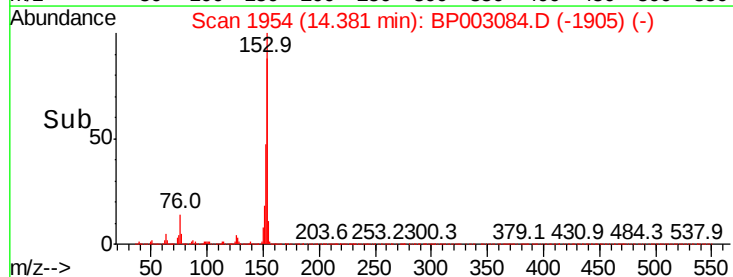
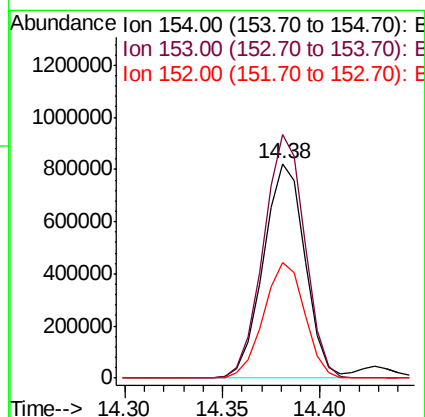
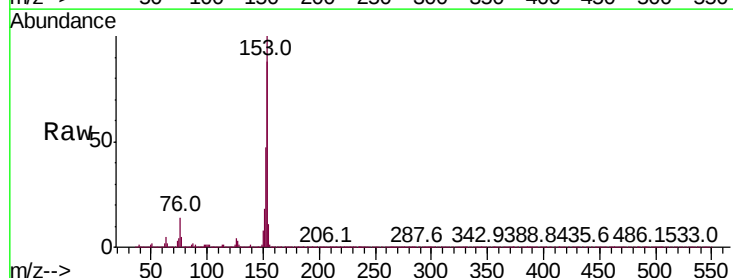
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

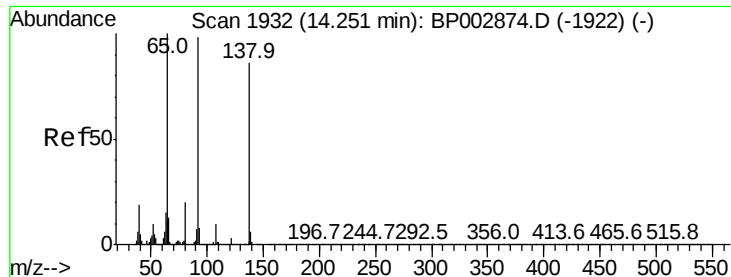
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.2	28.1	42.1
89	43.6	34.5	51.7



#52
Acenaphthene
Concen: 40.250 ng
RT: 14.38 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.5	134.3
152	53.9	42.7	64.1

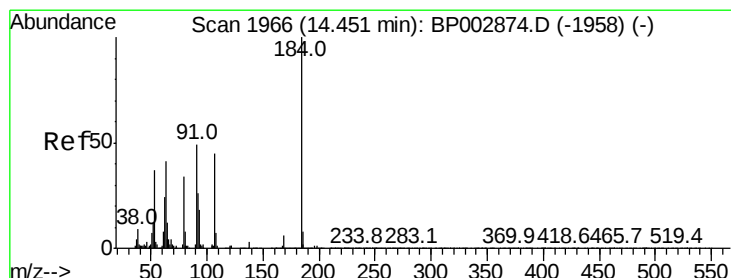
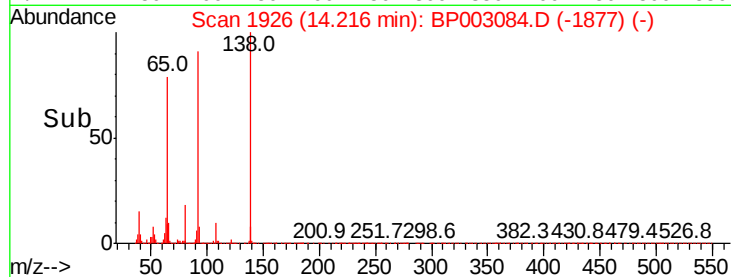
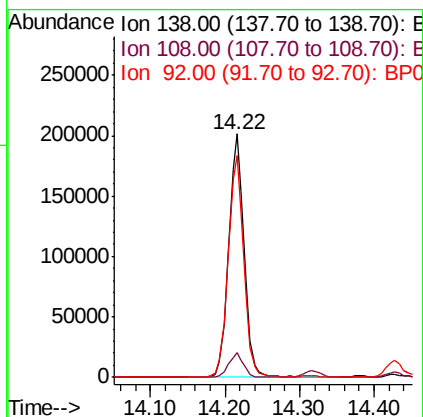
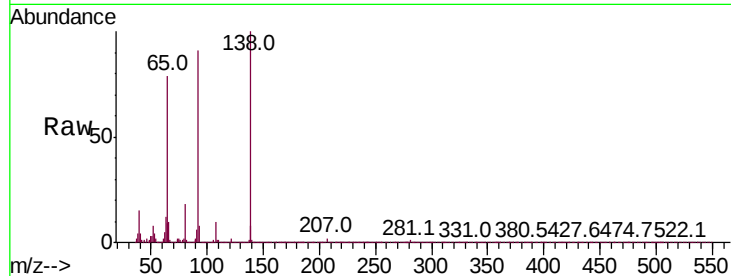




#53
3-Nitroaniline
Concen: 35.070 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

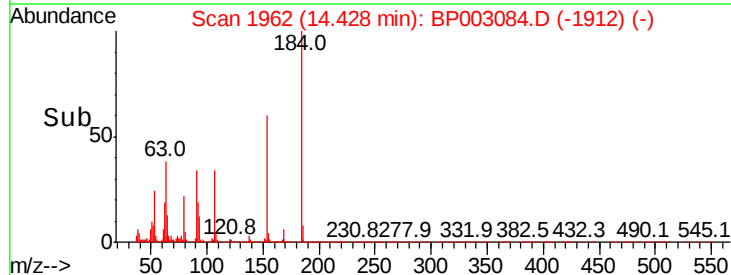
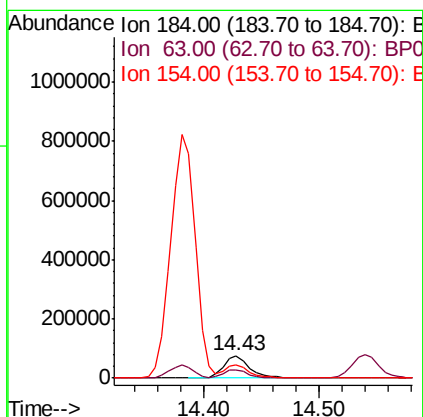
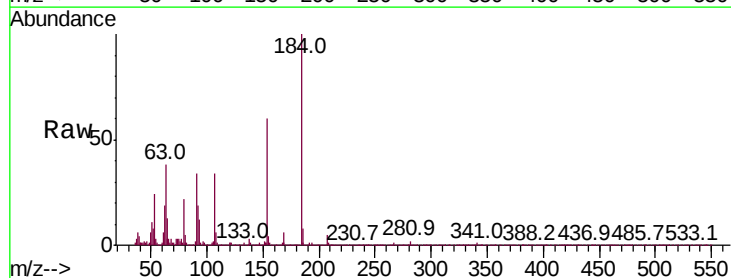
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

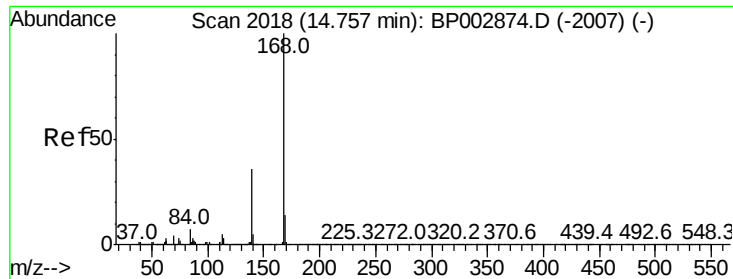
Tot Ion:138 Resp: 291785
Ion Ratio Lower Upper
138 100
108 10.0 7.7 11.5
92 91.2 75.6 113.4



#54
2,4-Dinitrophenol
Concen: 38.780 ng
RT: 14.43 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion:184 Resp: 117206
Ion Ratio Lower Upper
184 100
63 38.1 33.0 49.6
154 60.0 46.8 70.2

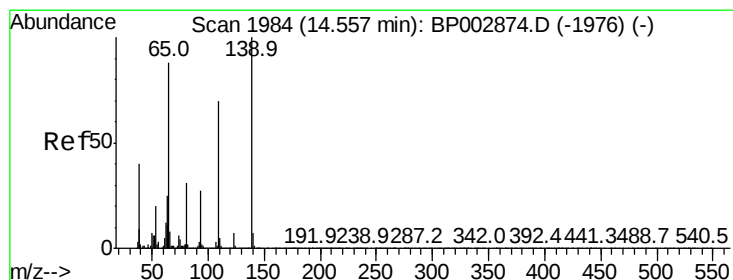
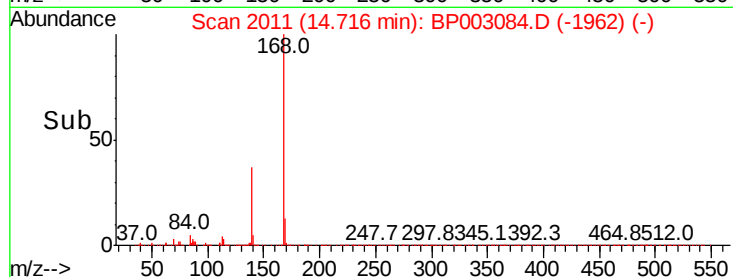
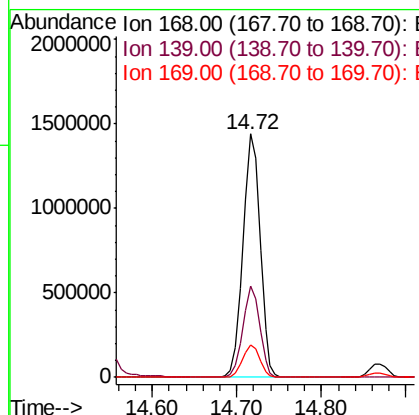
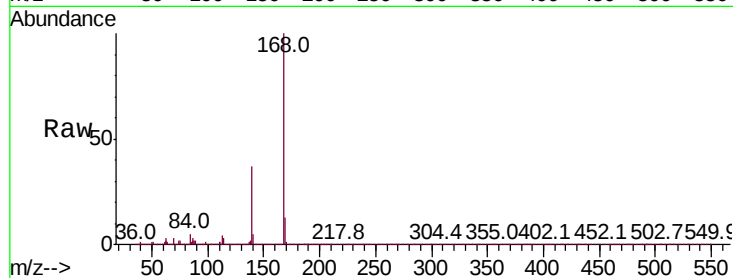




#55
Dibenzenofuran
Concen: 43.375 ng
RT: 14.72 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

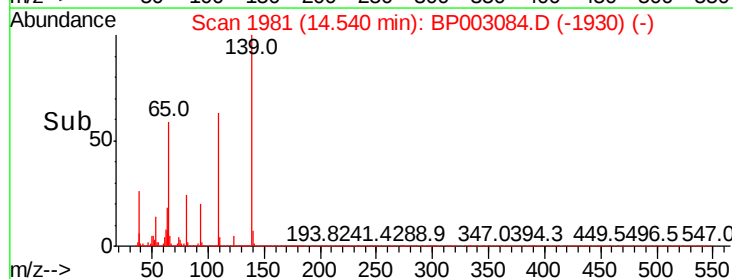
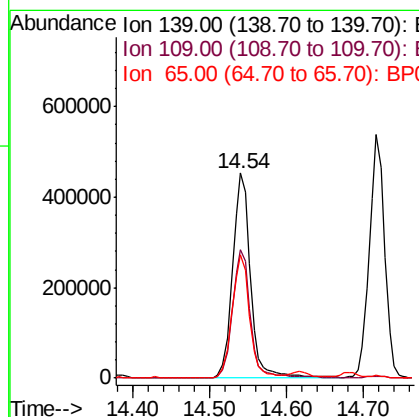
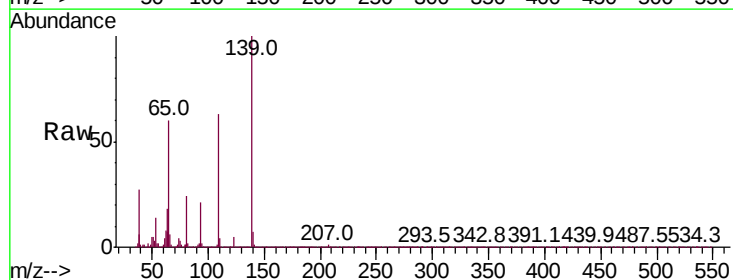
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

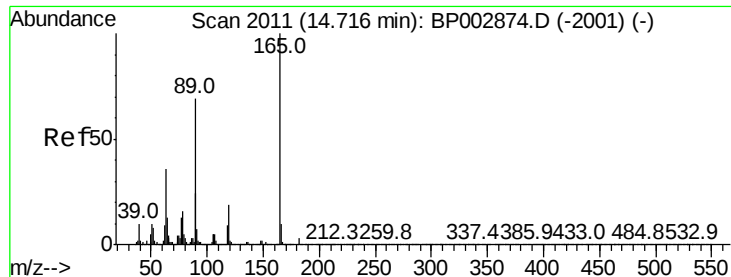
Tot Ion:168 Resp: 2005199
Ion Ratio Lower Upper
168 100
139 37.3 30.4 45.6
169 13.5 11.0 16.4



#56
4-Nitrophenol
Concen: 115.612 ng
RT: 14.54 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion:139 Resp: 740611
Ion Ratio Lower Upper
139 100
109 62.9 41.1 81.1
65 60.5 44.4 84.4

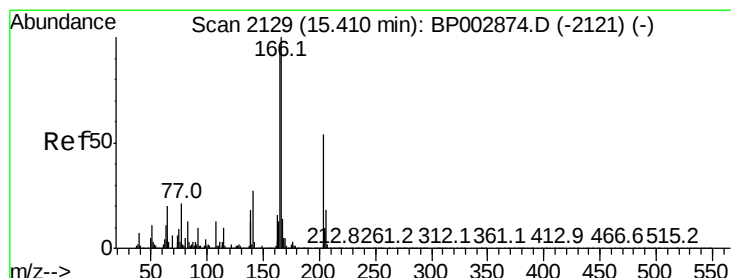
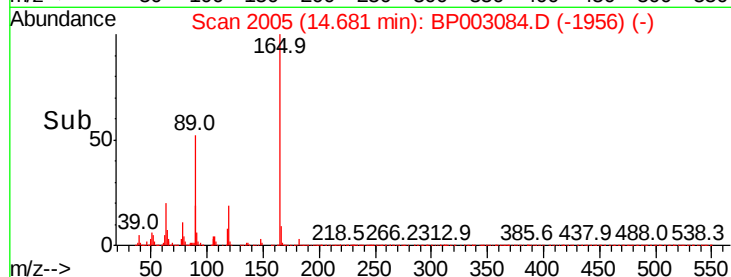
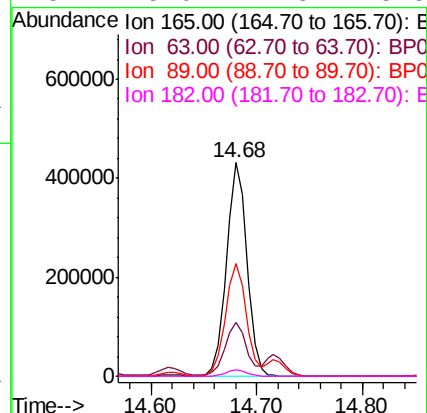
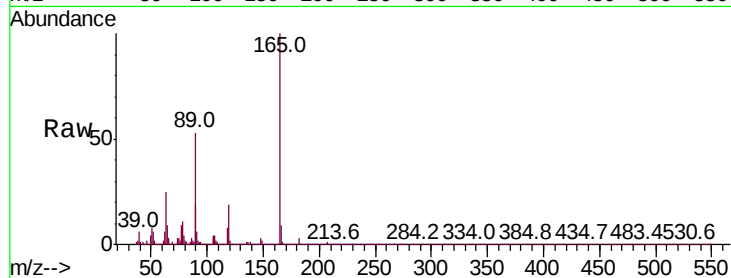




#57
2,4-Dinitrotoluene
Concen: 53.448 ng
RT: 14.68 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

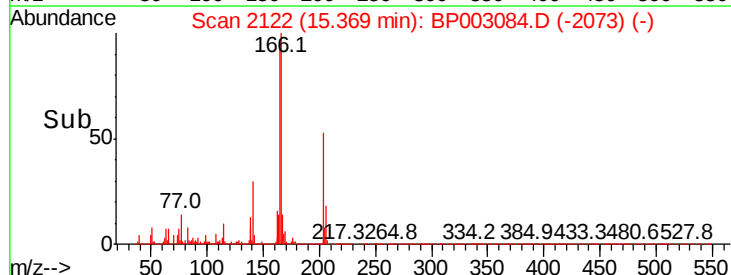
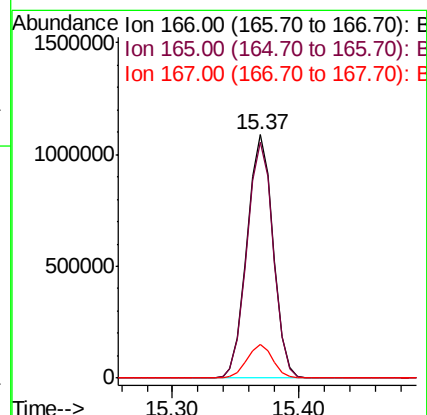
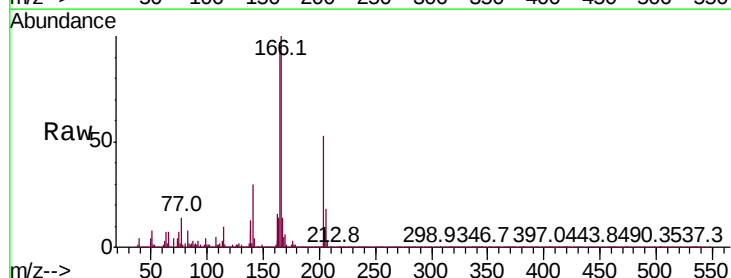
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

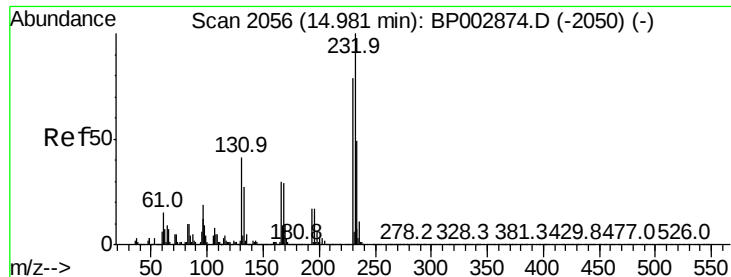
Tot Ion:	165	Resp:	578653
Ion	Ratio	Lower	Upper
165	100		
63	25.1	20.6	31.0
89	52.6	43.4	65.0
182	3.0	2.3	3.5



#58
Fluorene
Concen: 42.951 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion:	166	Resp:	1554616
Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.1	117.1
167	13.6	10.9	16.3

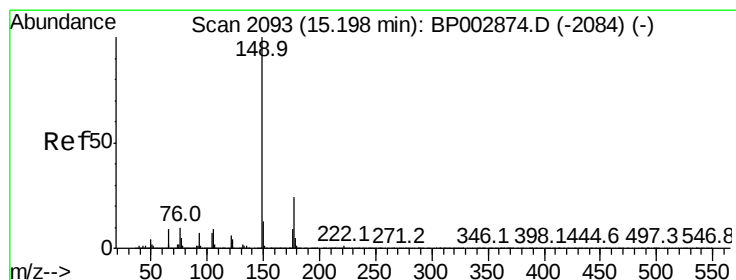
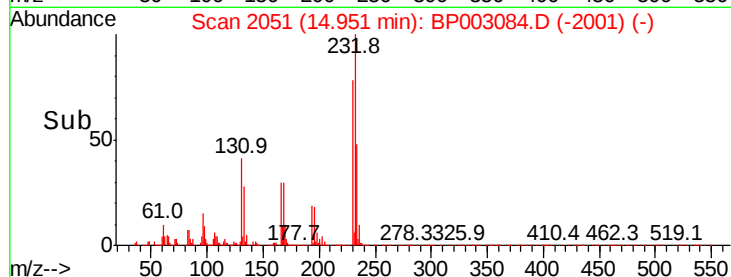
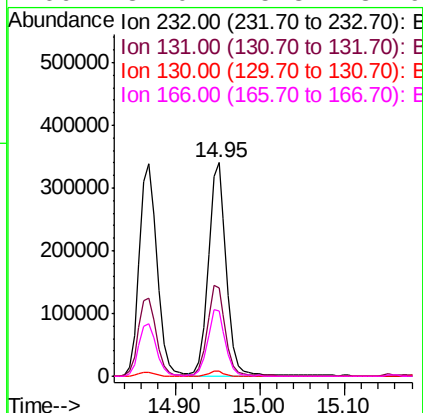
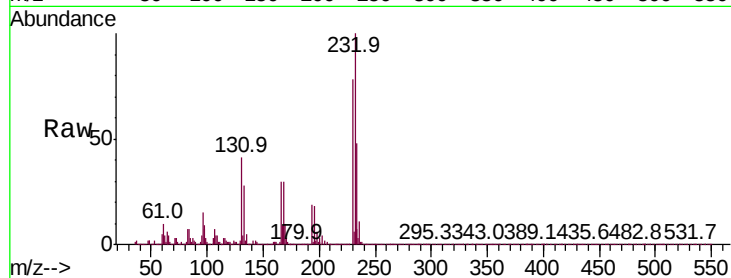




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.232 ng
 RT: 14.95 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BP003084.D
 Acq: 21 Aug 2020 19:41

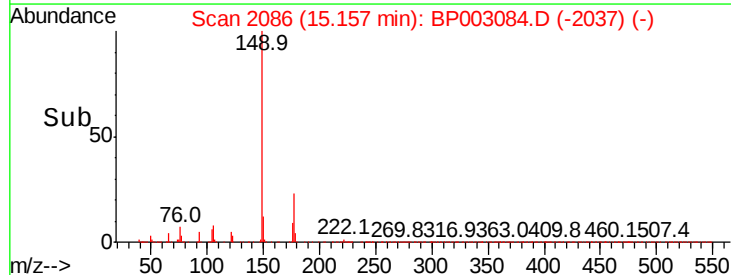
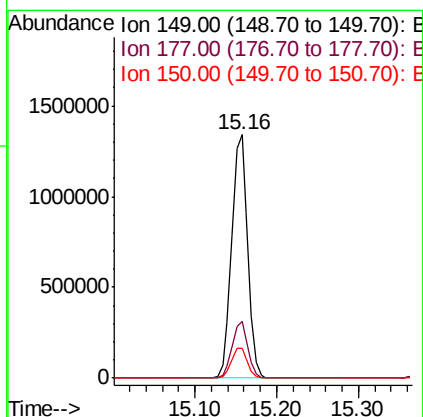
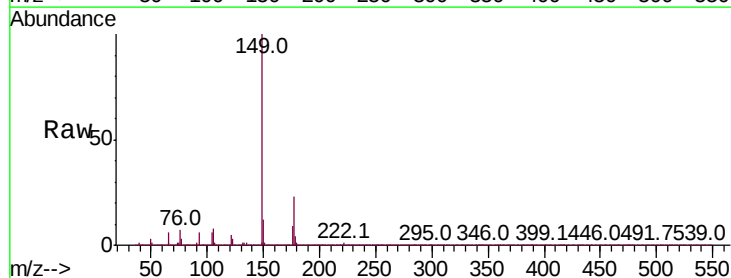
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MSD

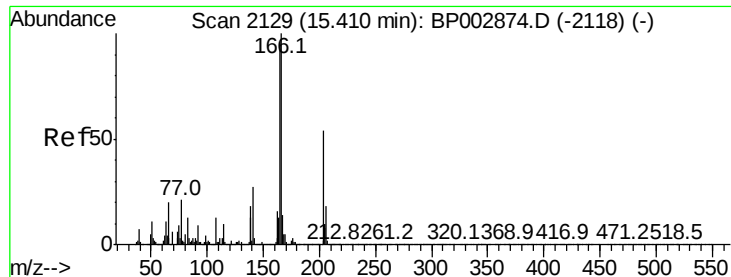
Tot Ion:	232	Resp:	504201
Ion	Ratio	Lower	Upper
232	100		
131	42.9	35.4	53.2
130	2.3	1.8	2.6
166	31.0	25.3	37.9



#60
 Diethylphthalate
 Concen: 51.428 ng
 RT: 15.16 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BP003084.D
 Acq: 21 Aug 2020 19:41

Tgt Ion:	149	Resp:	1815426
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.6	27.8
150	12.4	10.2	15.4





#61

4-Chlorophenyl-phenylether

Concen: 41.768 ng

RT: 15.37 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

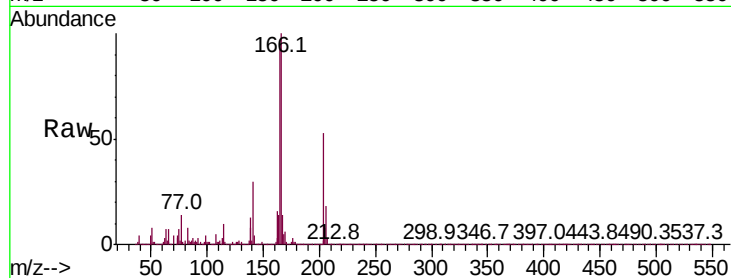
Tot Ion:204 Resp: 778083

Ion Ratio Lower Upper

204 100

206 33.3 26.2 39.2

141 56.6 45.9 68.9

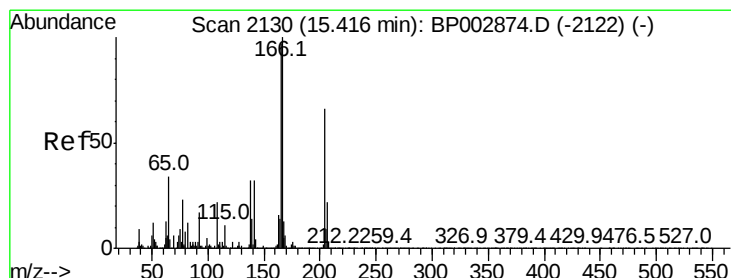
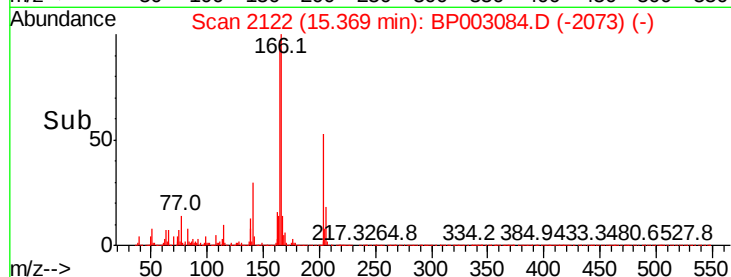
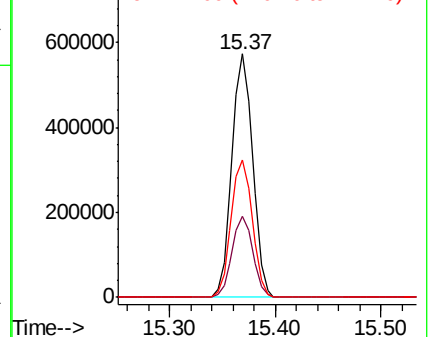


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 54.685 ng

RT: 15.39 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

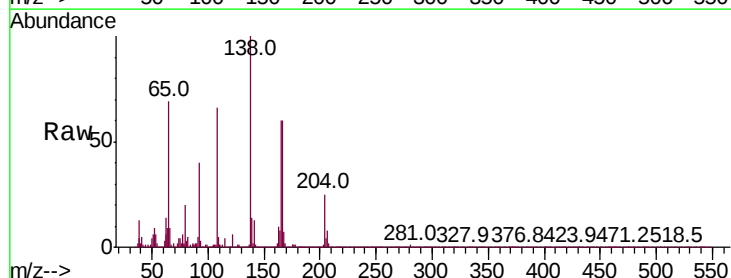
Tgt Ion:138 Resp: 461396

Ion Ratio Lower Upper

138 100

92 40.4 21.4 61.4

108 66.1 40.8 80.8

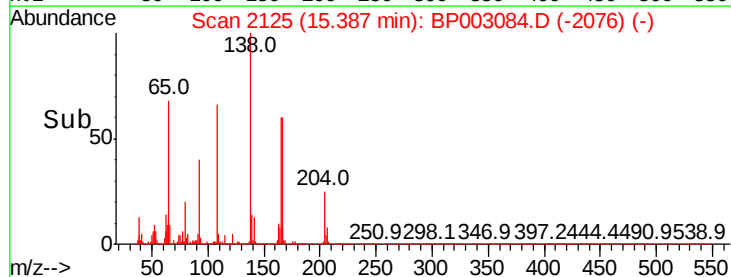
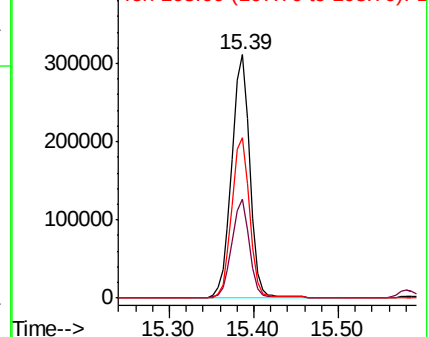


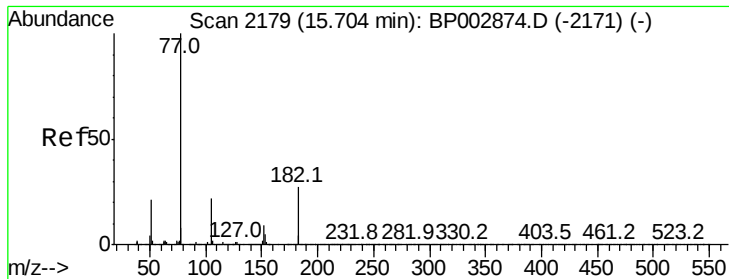
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

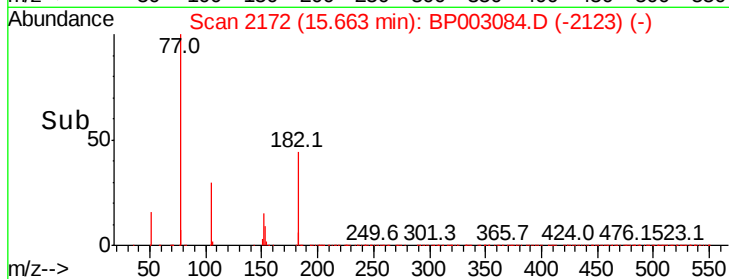
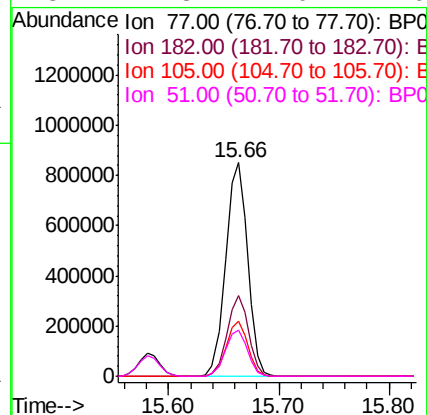
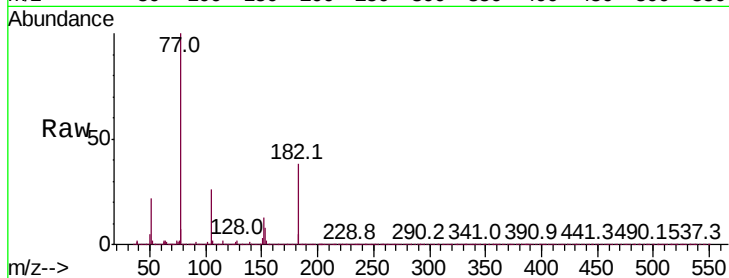




#63
Azobenzene
Concen: 33.083 ng
RT: 15.66 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

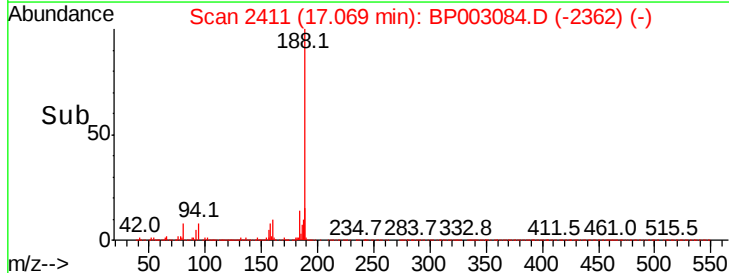
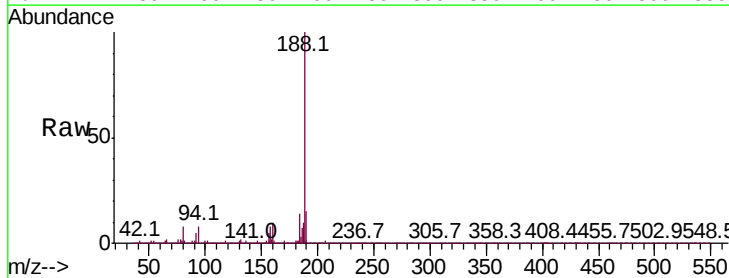
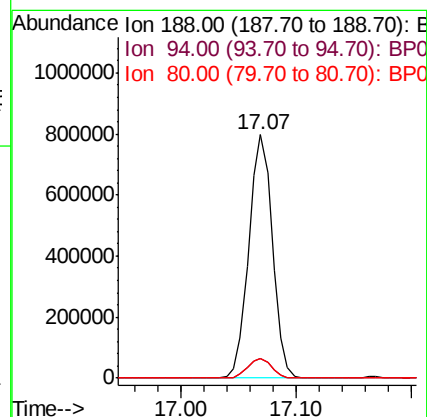
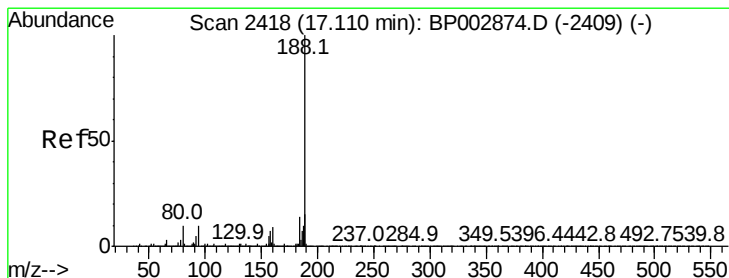
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

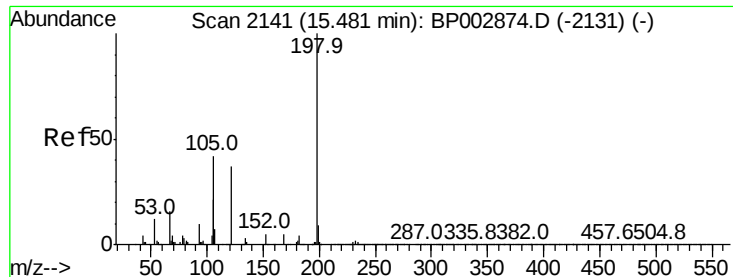
Tot Ion: 77 Resp: 1175701
Ion Ratio Lower Upper
77 100
182 38.0 15.4 55.4
105 25.7 5.8 45.8
51 21.8 1.0 41.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion: 188 Resp: 1129547
Ion Ratio Lower Upper
188 100
94 8.0 7.1 10.7
80 8.2 6.7 10.1





#65

4,6-Dinitro-2-methylphenol

Concen: 31.796 ng

RT: 15.45 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

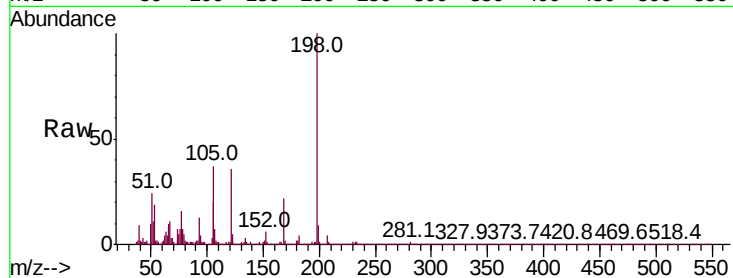
Tot Ion:198 Resp: 171122

Ion Ratio Lower Upper

198 100

51 24.2 6.2 46.2

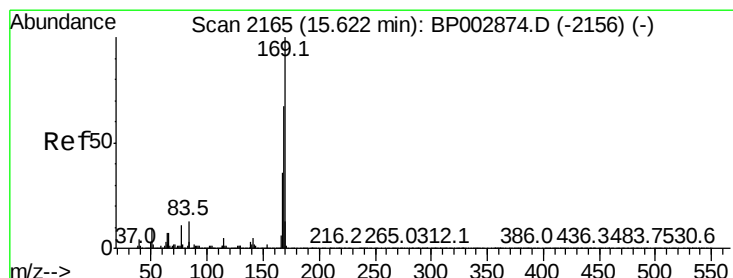
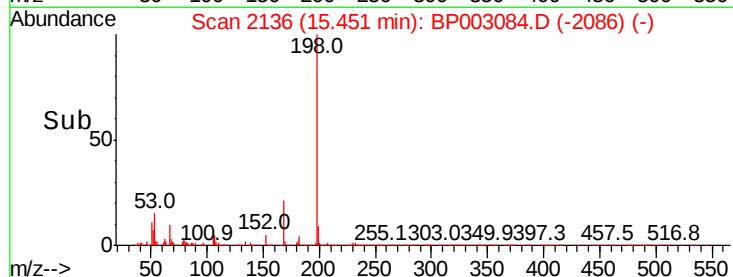
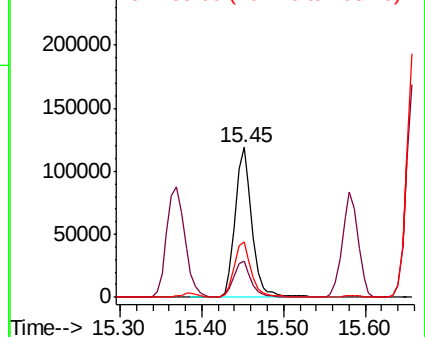
105 36.8 19.9 59.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.735 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

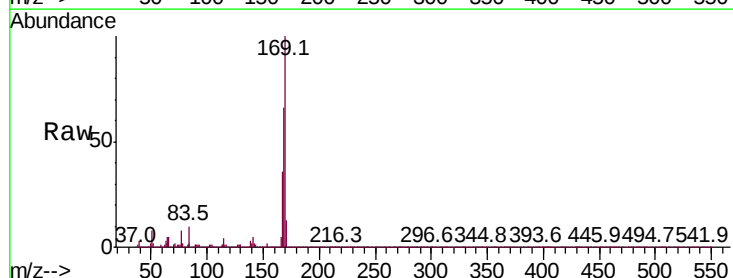
Tgt Ion:169 Resp: 1523858

Ion Ratio Lower Upper

169 100

168 66.4 53.4 80.2

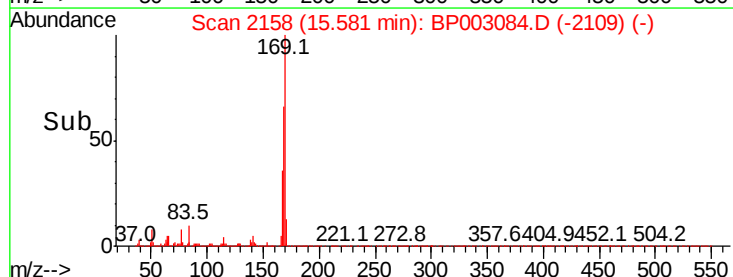
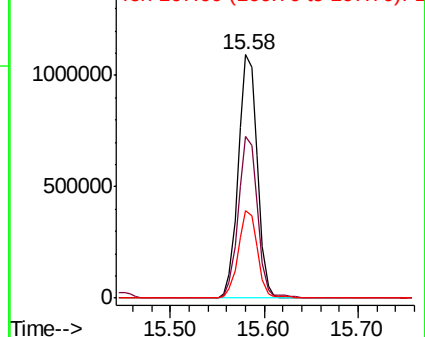
167 36.1 28.8 43.2

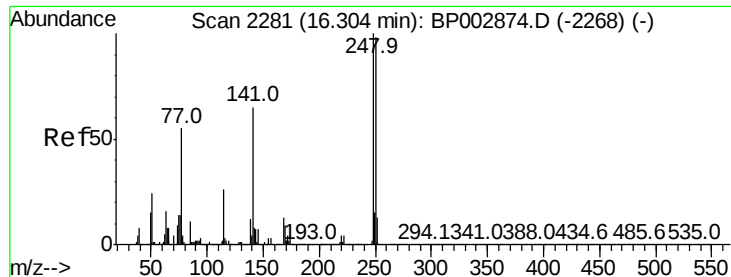


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

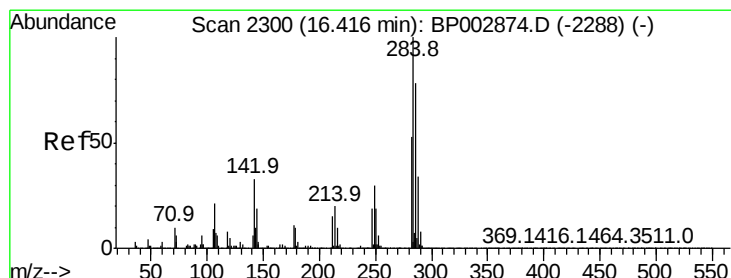
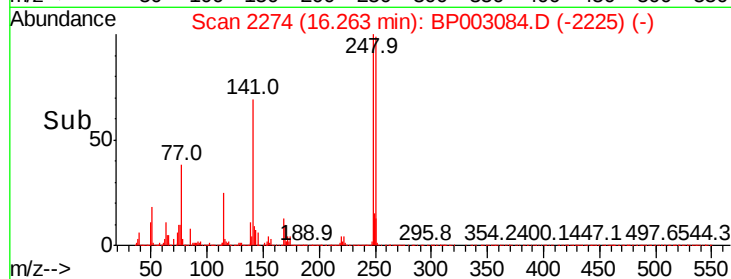
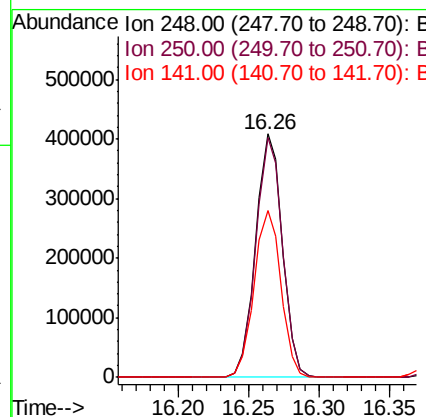
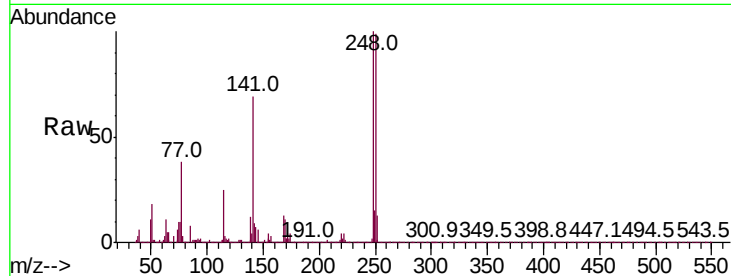




#67
4-Bromophenyl-phenylether
Concen: 39.678 ng
RT: 16.26 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

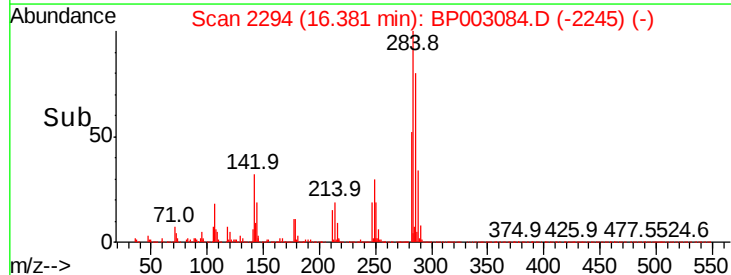
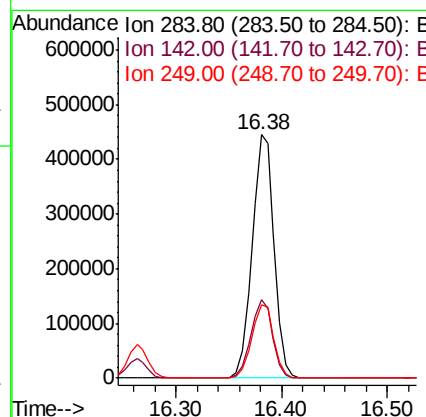
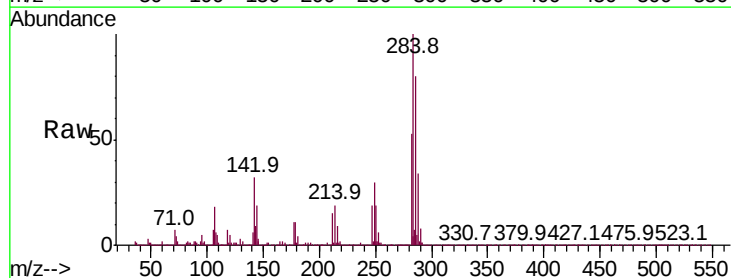
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

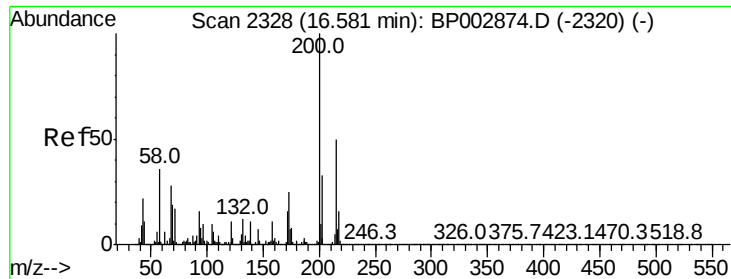
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.7	118.1
141	68.8	57.8	86.6



#68
Hexachlorobenzene
Concen: 40.251 ng
RT: 16.38 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	27.6	41.4
249	30.3	24.6	37.0

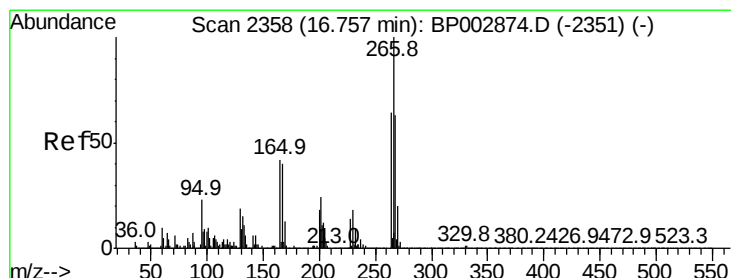
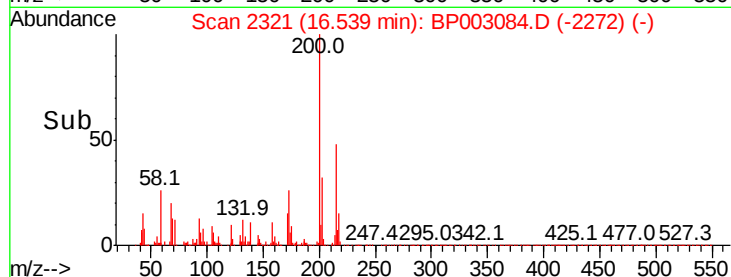
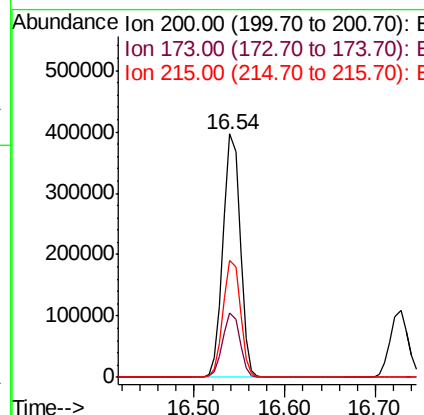
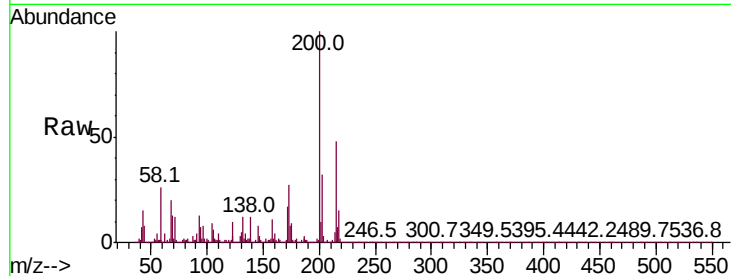




#69
Atrazine
Concen: 40.932 ng
RT: 16.54 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

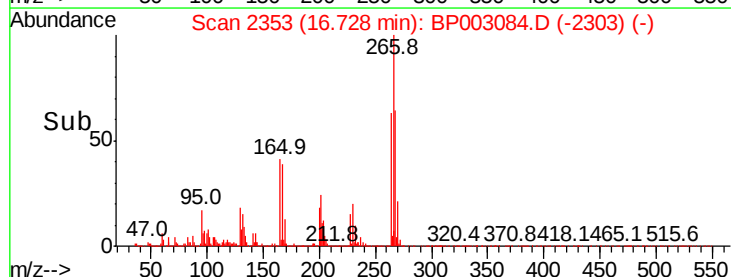
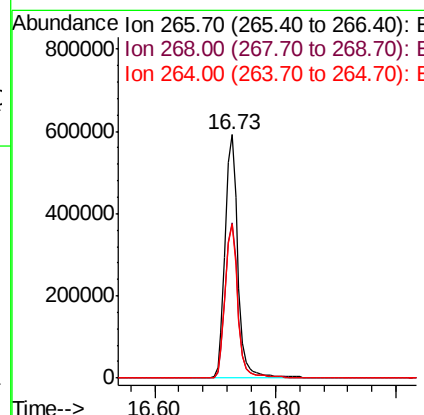
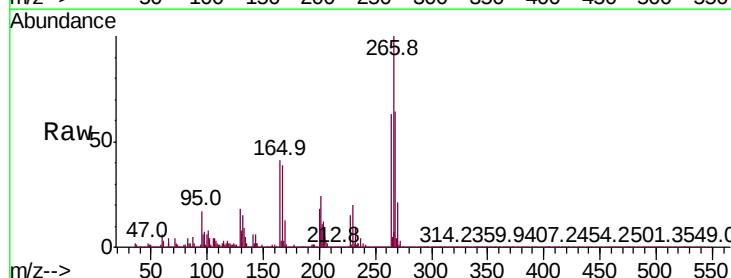
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

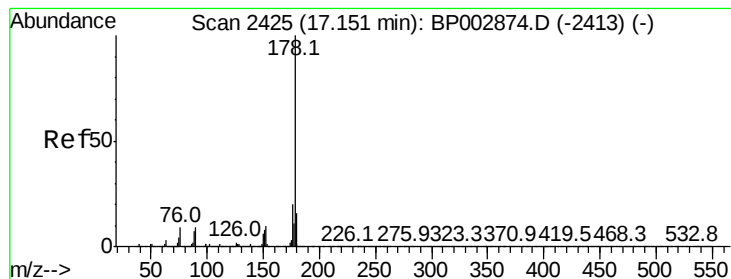
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.5	47.5
215	47.8	27.6	67.6



#70
Pentachlorophenol
Concen: 105.449 ng
RT: 16.73 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.9	76.3
264	63.4	50.4	75.6





#71

Phenanthrene

Concen: 42.918 ng

RT: 17.11 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

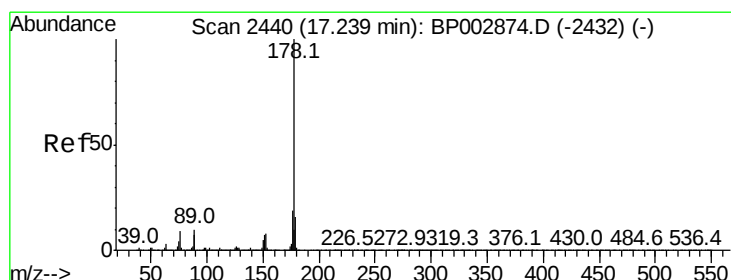
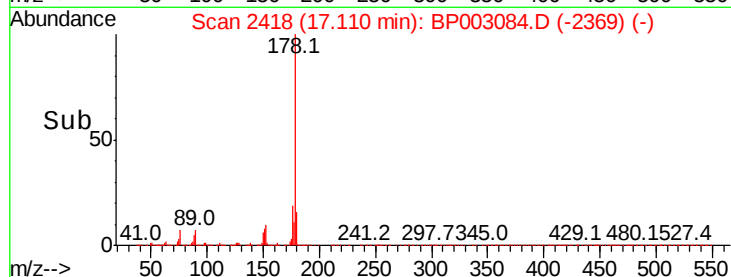
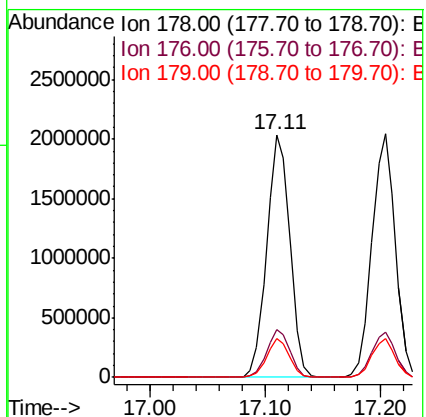
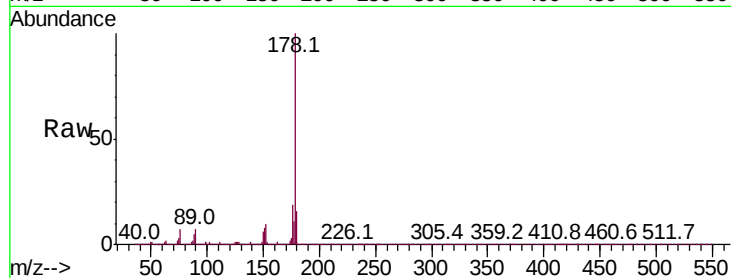
Tot Ion:178 Resp: 2842744

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

178 100

176 19.5 15.8 23.8

179 15.8 12.9 19.3



#72

Anthracene

Concen: 44.578 ng

RT: 17.20 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

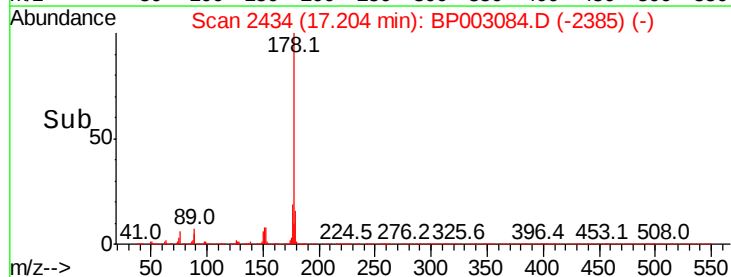
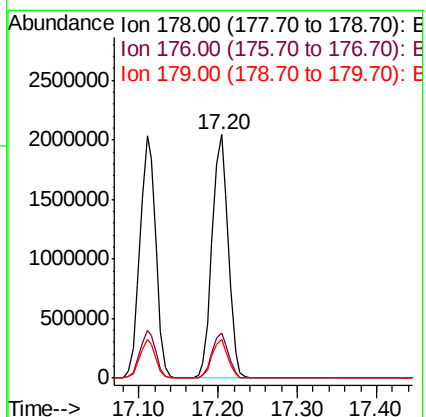
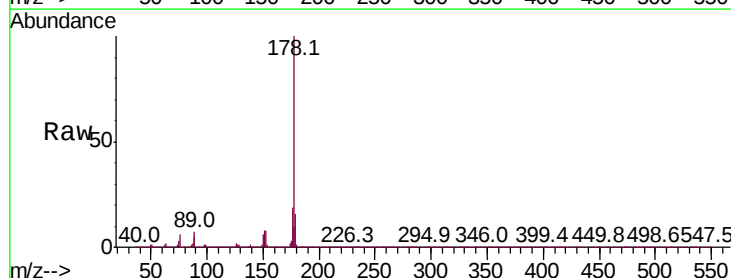
Tgt Ion:178 Resp: 2885840

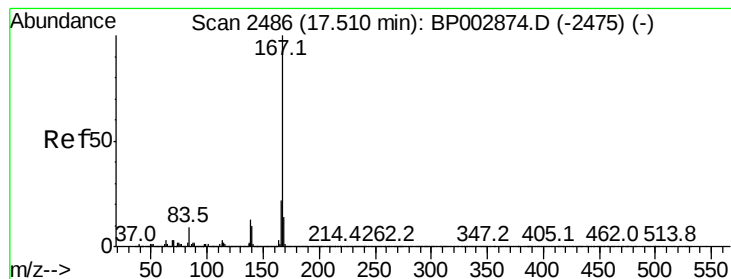
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.0
179	15.8	12.7	19.1

178 100

176 18.8 15.4 23.0

179 15.8 12.7 19.1





#73

Carbazole

Concen: 45.628 ng

RT: 17.47 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

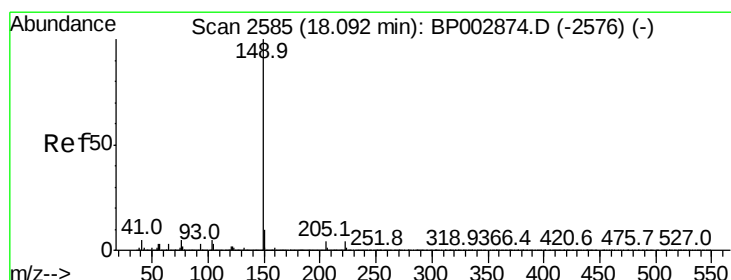
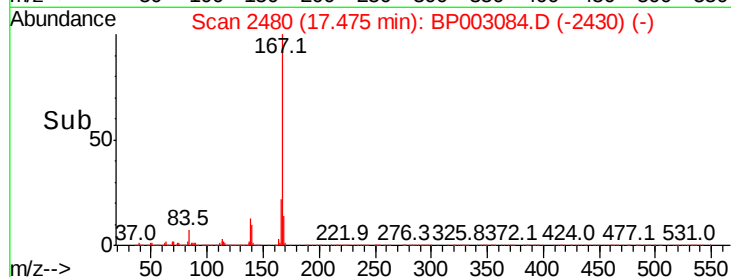
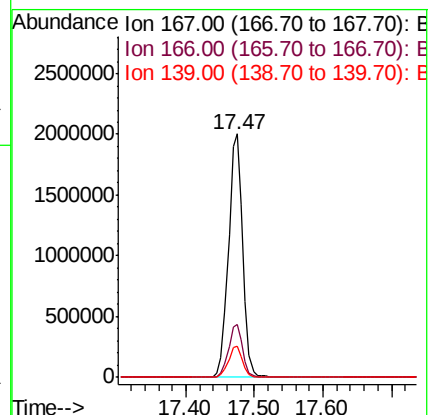
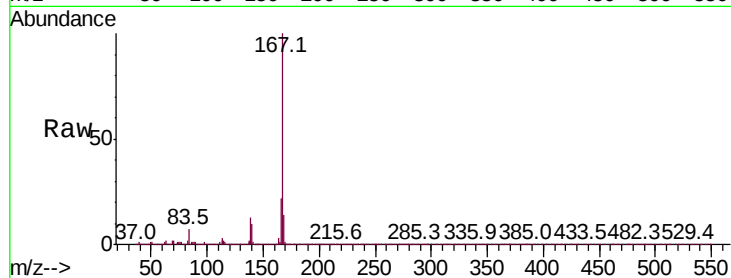
Tot Ion:167 Resp: 2884662

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 12.7 10.6 16.0



#74

Di-n-butylphthalate

Concen: 49.962 ng

RT: 18.05 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

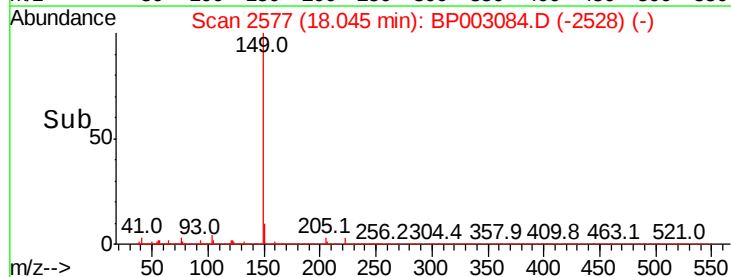
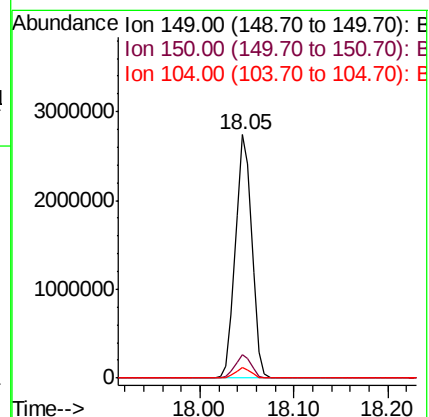
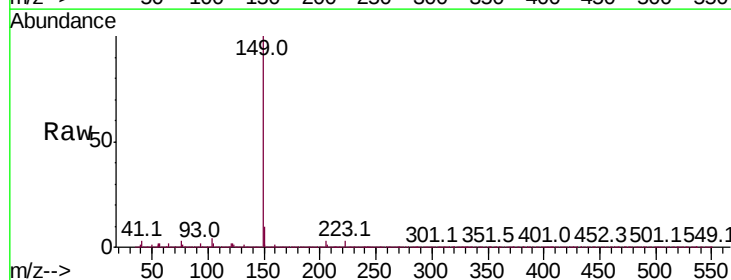
Tgt Ion:149 Resp: 3322743

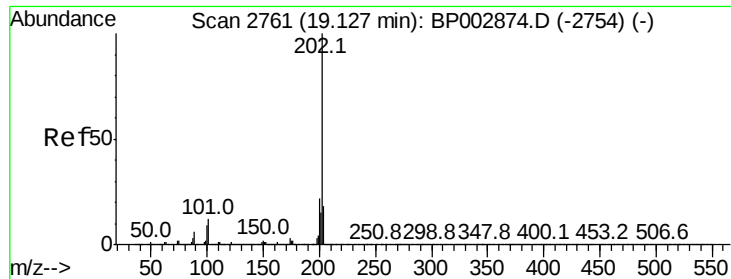
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 4.2 3.5 5.3





#75

Fluoranthene

Concen: 47.570 ng

RT: 19.09 min Scan# 2755

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

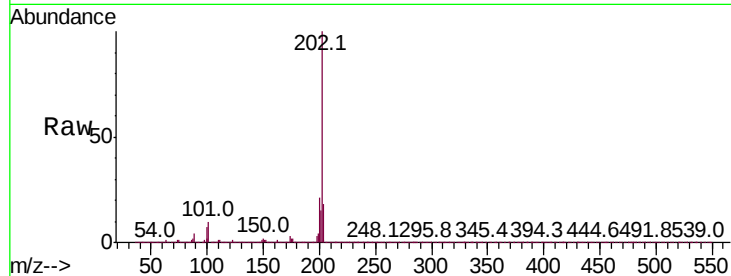
Tot Ion:202 Resp: 3630280

Ion Ratio Lower Upper

202 100

101 9.6 0.0 31.2

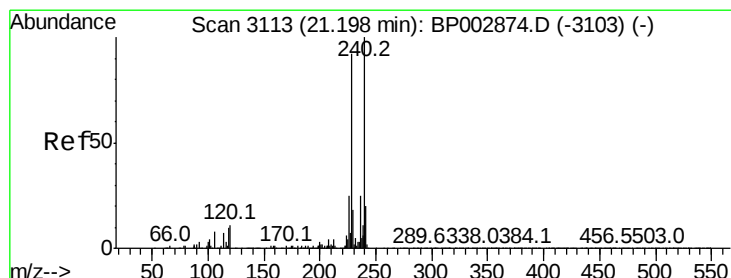
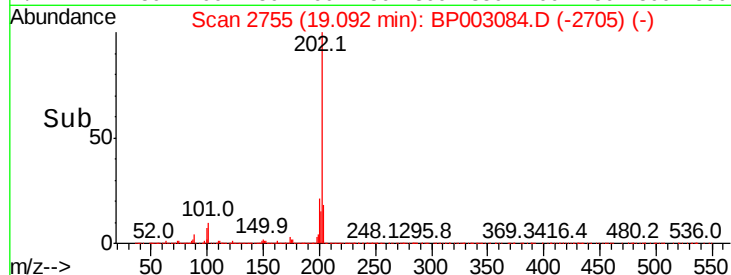
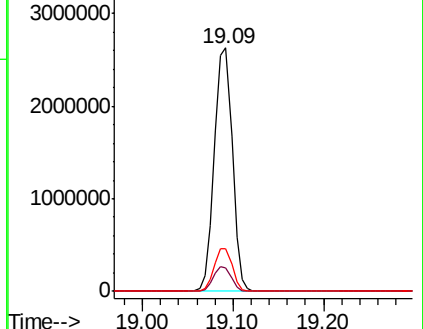
203 17.8 0.0 38.4



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: 21.16 min Scan# 3107

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

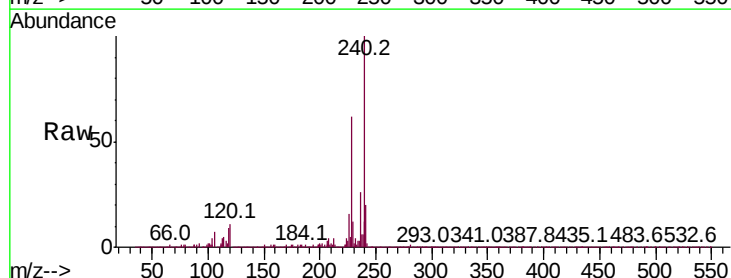
Tgt Ion:240 Resp: 1330503

Ion Ratio Lower Upper

240 100

120 10.6 9.5 14.3

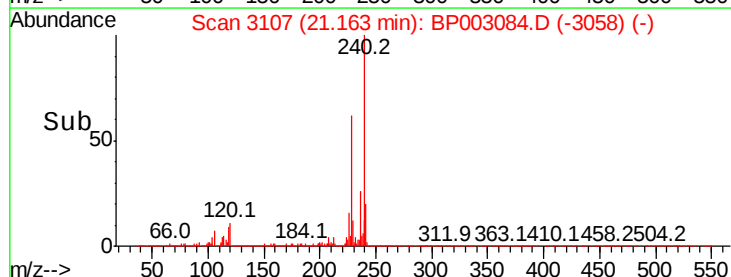
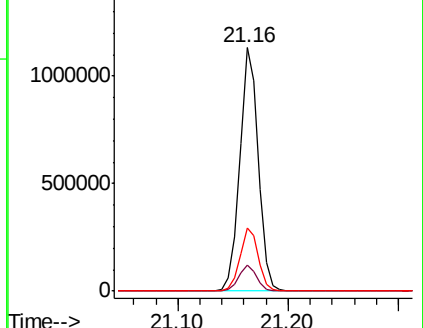
236 26.0 20.8 31.2

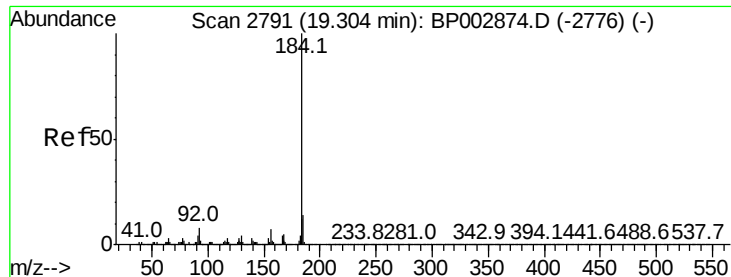


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.002 ng

RT: 19.27 min Scan# 2785

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

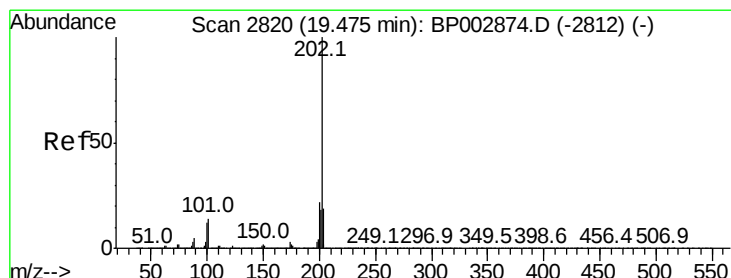
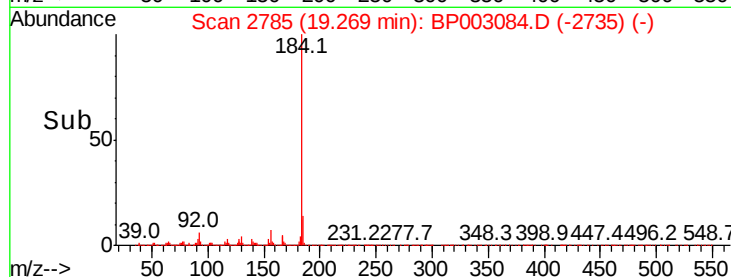
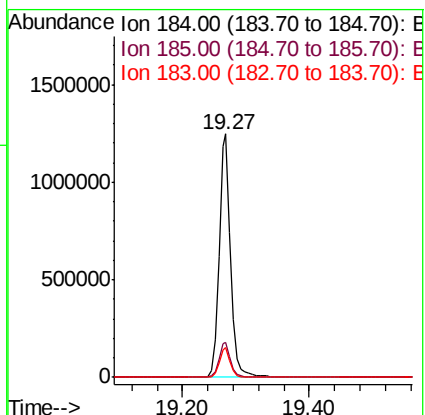
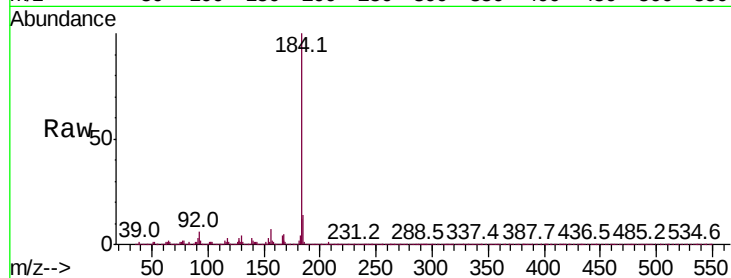
Tot Ion:184 Resp: 1622943

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	12.1	9.4	14.0

184 100

185 14.2 11.5 17.3

183 12.1 9.4 14.0



#78

Pyrene

Concen: 40.181 ng

RT: 19.44 min Scan# 2814

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

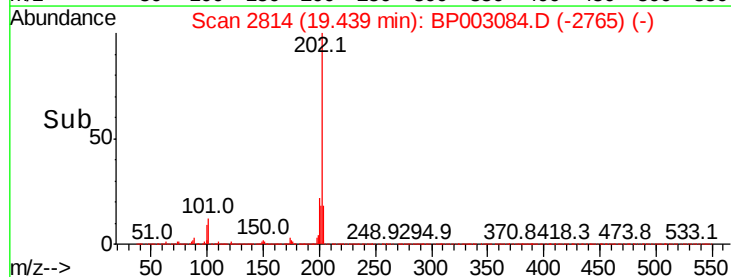
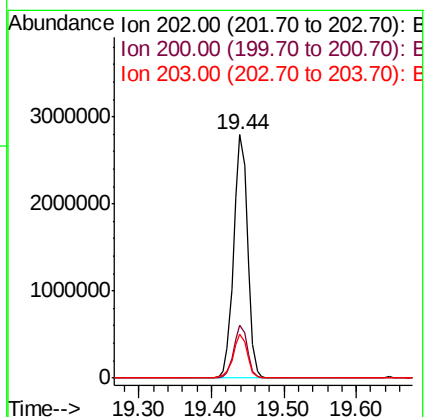
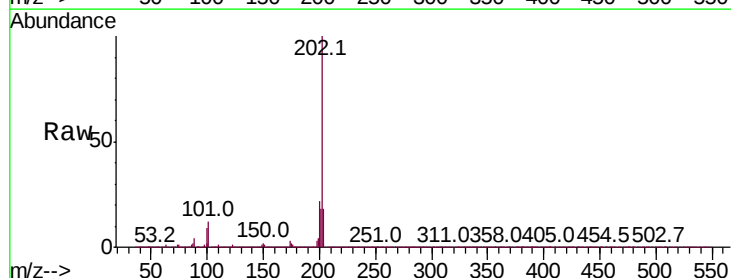
Tgt Ion:202 Resp: 3737331

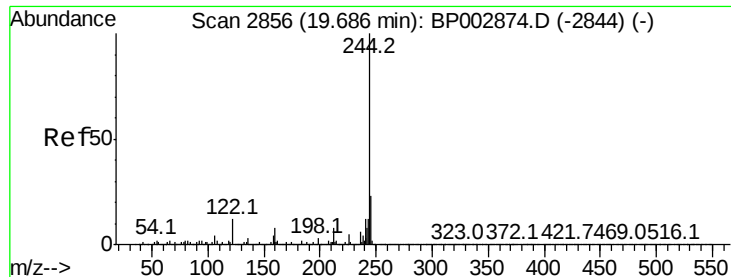
Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.8	26.6
203	18.3	14.6	22.0

202 100

200 21.7 17.8 26.6

203 18.3 14.6 22.0





#79

Terphenyl-d14

Concen: 68.659 ng

RT: 19.65 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

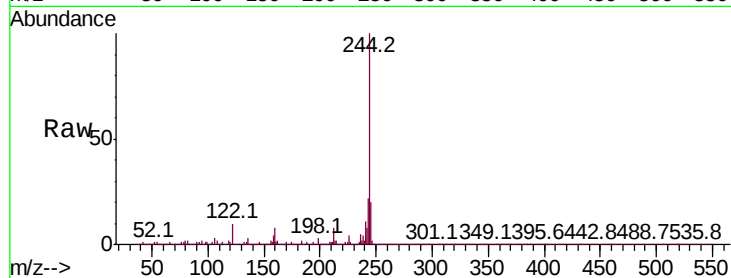
Tot Ion:244 Resp: 4563088

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

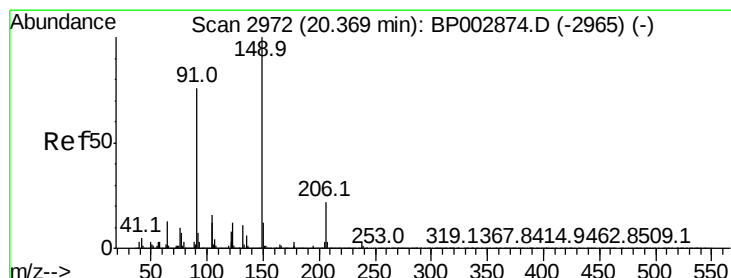
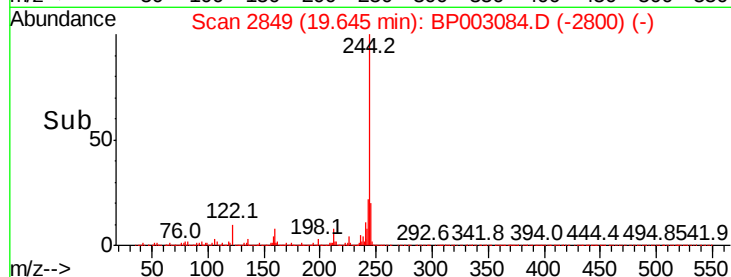
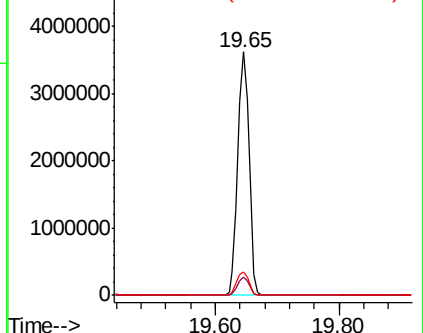
122 9.6 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.030 ng

RT: 20.33 min Scan# 2965

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

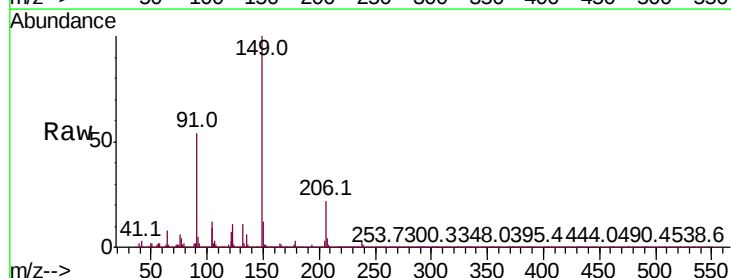
Tgt Ion:149 Resp: 1693740

Ion Ratio Lower Upper

149 100

91 54.4 45.3 67.9

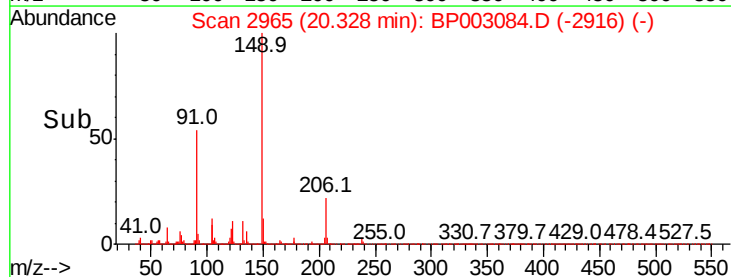
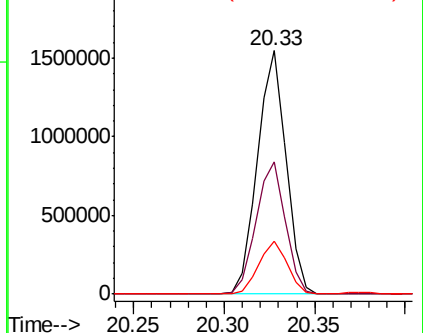
206 22.0 17.5 26.3

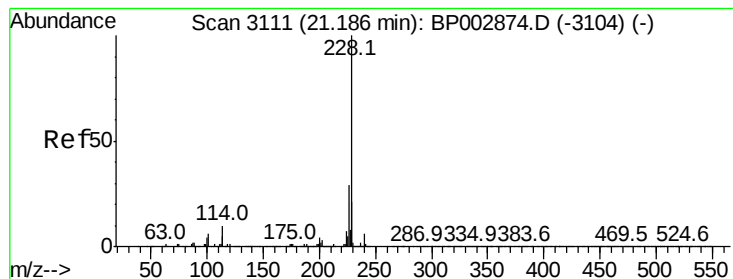


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.013 ng

RT: 21.15 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

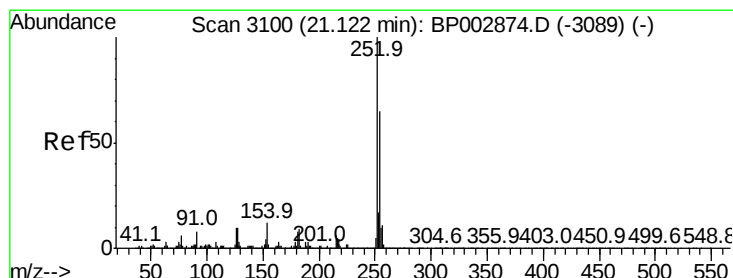
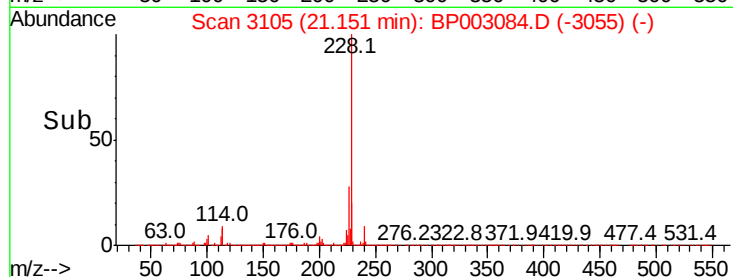
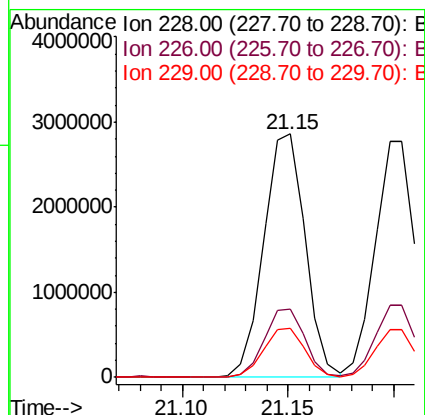
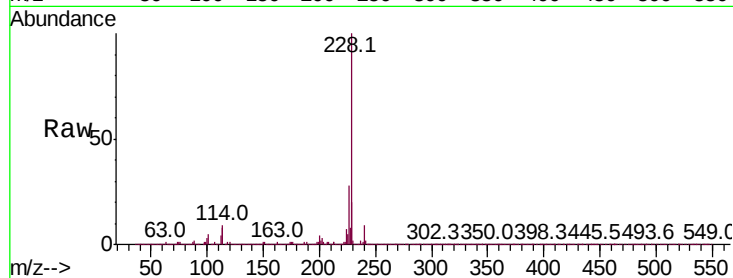
Tot Ion:228 Resp: 3898146

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.3	16.5	24.7

228 100

226 28.0 22.6 33.8

229 20.3 16.5 24.7



#82

3,3'-Dichlorobenzidine

Concen: 27.339 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

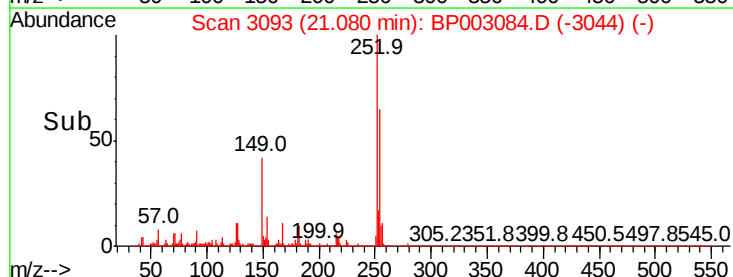
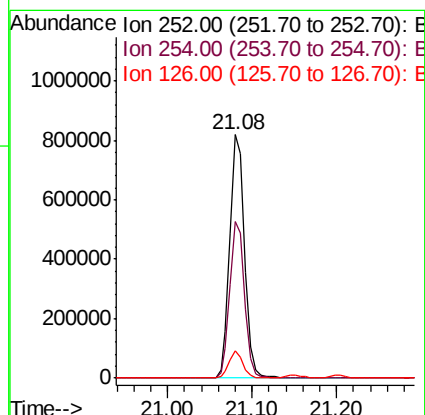
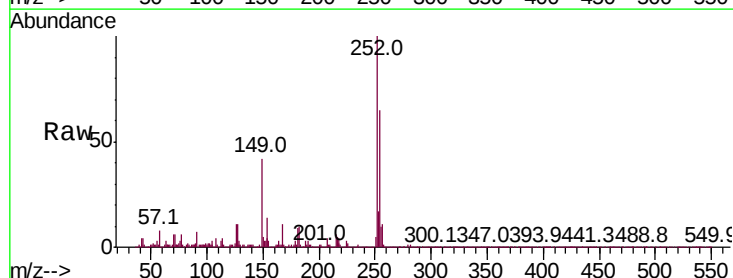
Tgt Ion:252 Resp: 980663

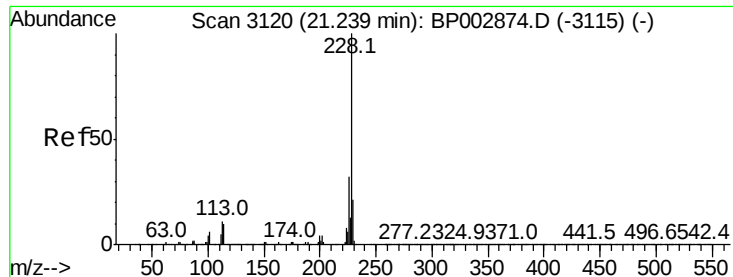
Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.6
126	11.0	9.4	14.0

252 100

254 64.5 51.8 77.6

126 11.0 9.4 14.0

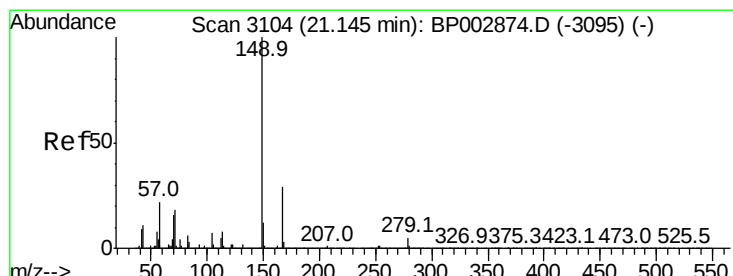
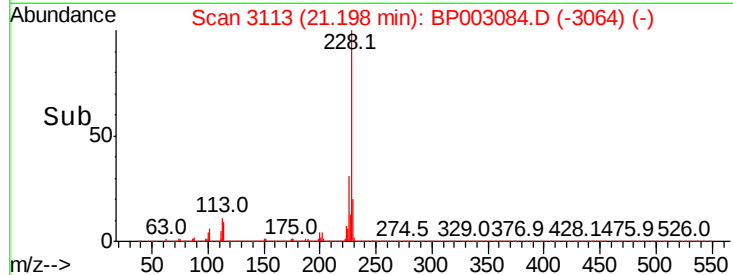
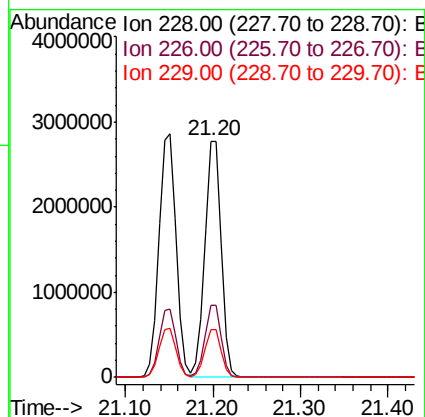
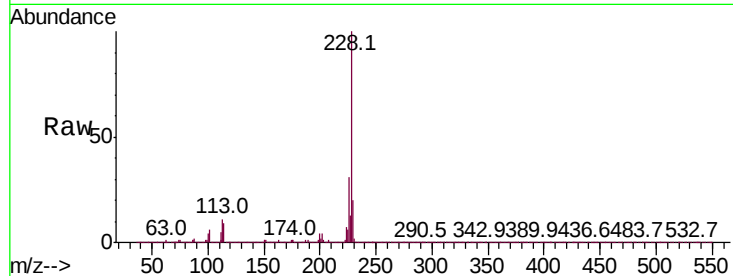




#83
 Chrysene
 Concen: 42.506 ng
 RT: 21.20 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BP003084.D
 Acq: 21 Aug 2020 19:41

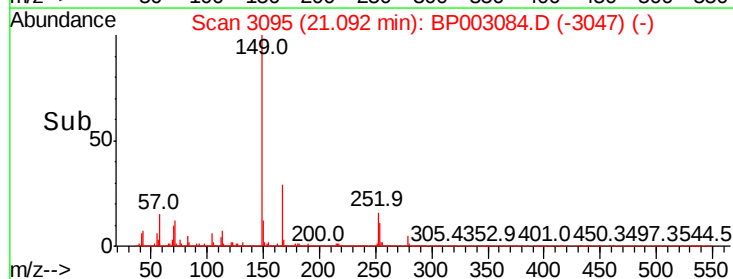
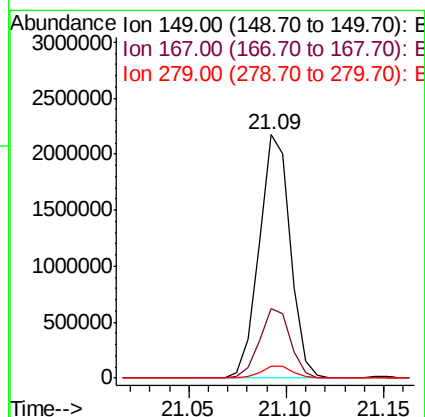
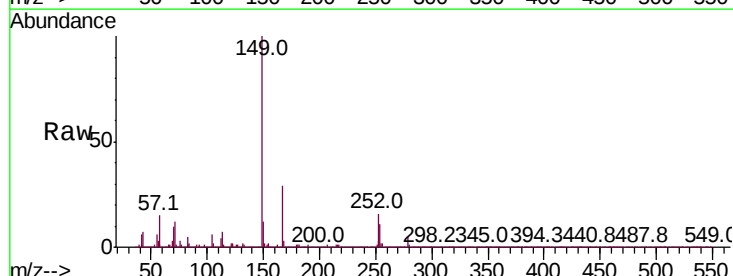
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MSD

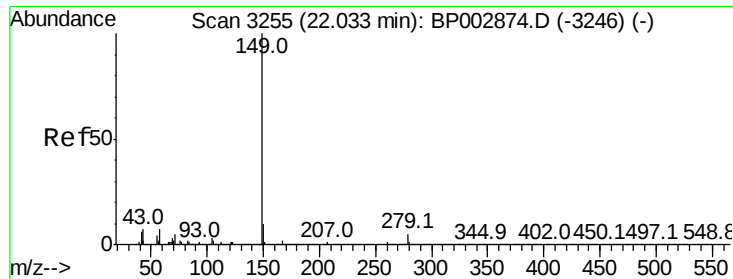
Tot Ion:228 Resp: 3633791
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.9 37.3
 229 20.2 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.431 ng
 RT: 21.09 min Scan# 3095
 Delta R.T. -0.02 min
 Lab File: BP003084.D
 Acq: 21 Aug 2020 19:41

Tgt Ion:149 Resp: 2390075
 Ion Ratio Lower Upper
 149 100
 167 28.7 22.9 34.3
 279 4.8 3.8 5.8





#85

Di-n-octyl phthalate

Concen: 52.645 ng

RT: 21.97 min Scan# 3244

Delta R.T. -0.02 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

BNA_P

ClientSampleId :

OR-03-082020MSD

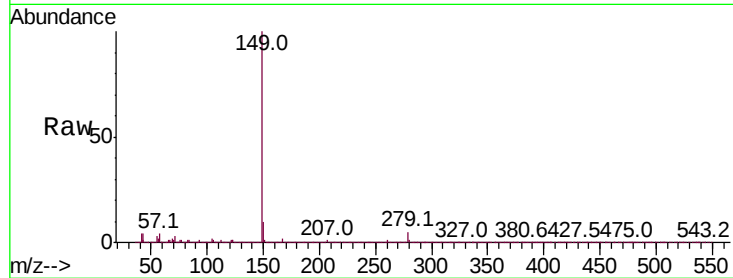
Tot Ion:149 Resp: 4451851

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

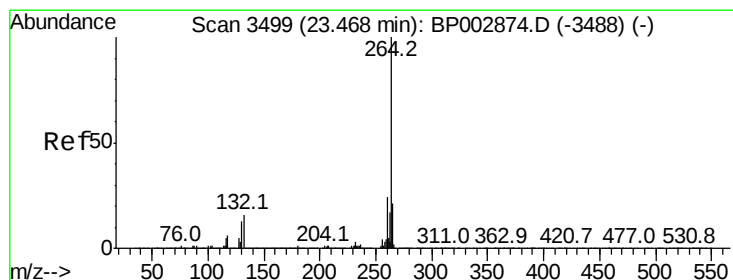
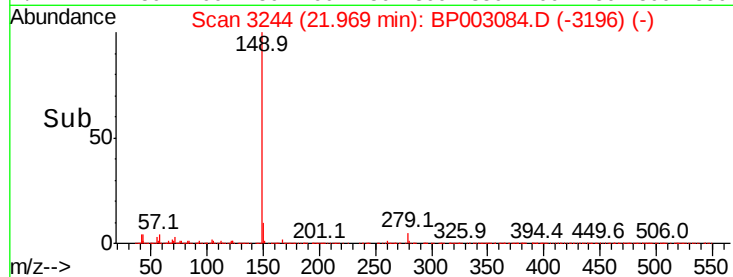
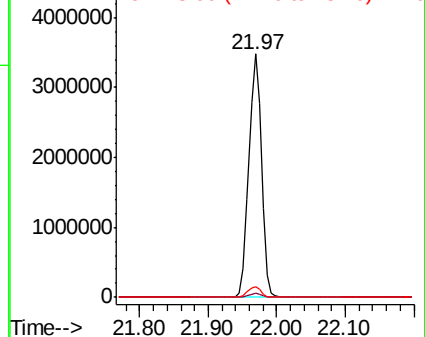
43 4.5 4.0 6.0



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: 23.40 min Scan# 3488

Delta R.T. -0.02 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

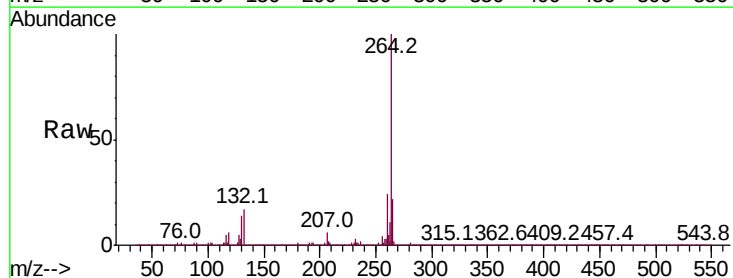
Tgt Ion:264 Resp: 1701399

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

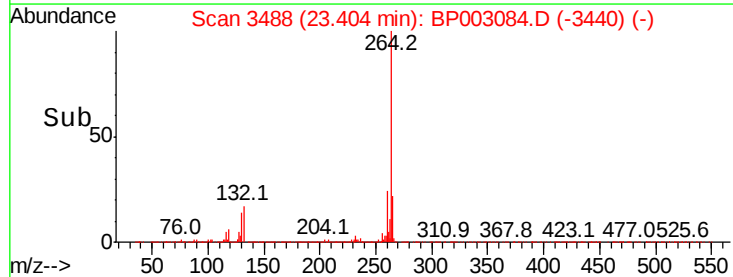
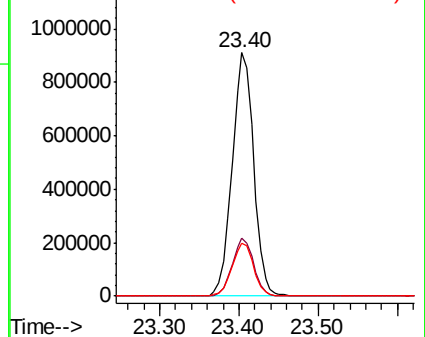
265 21.7 17.3 25.9

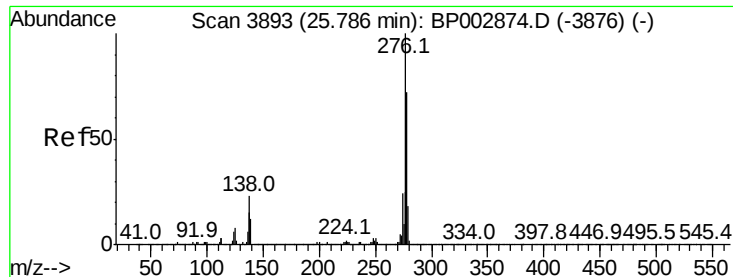


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



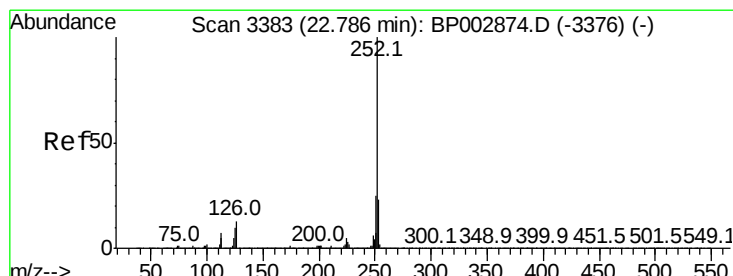
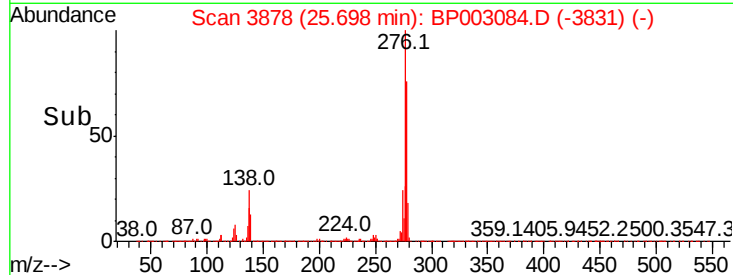
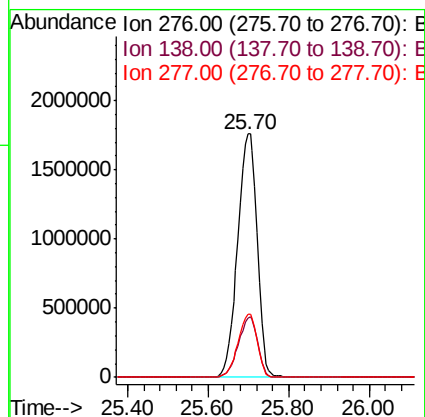
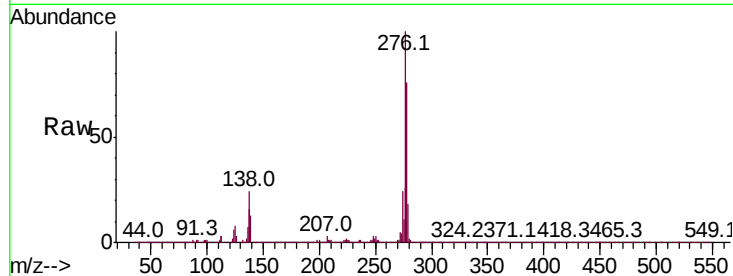


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.517 ng
 RT: 25.70 min Scan# 3878
 Delta R.T. -0.02 min
 Lab File: BP003084.D
 Acq: 21 Aug 2020 19:41

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-082020MSD

Tot Ion:276 Resp: 5929611

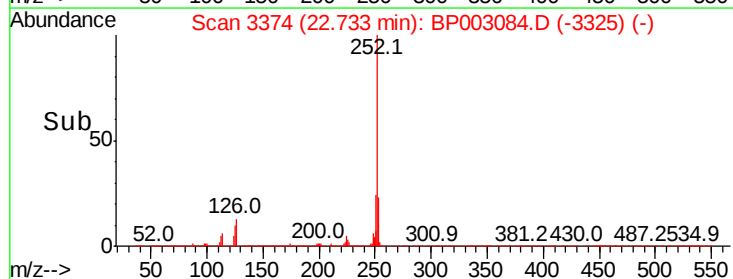
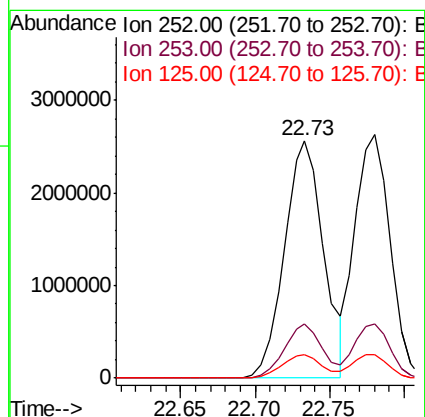
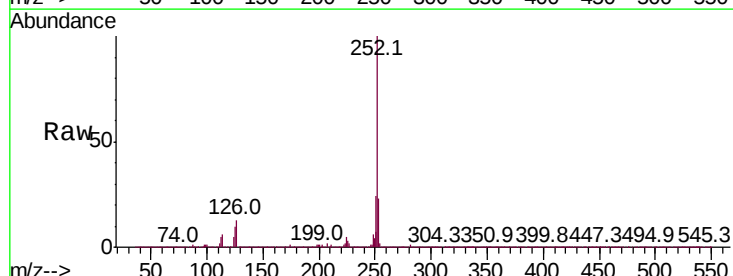
Ion	Ratio	Lower	Upper
276	100		
138	24.6	22.2	33.2
277	25.6	20.4	30.6

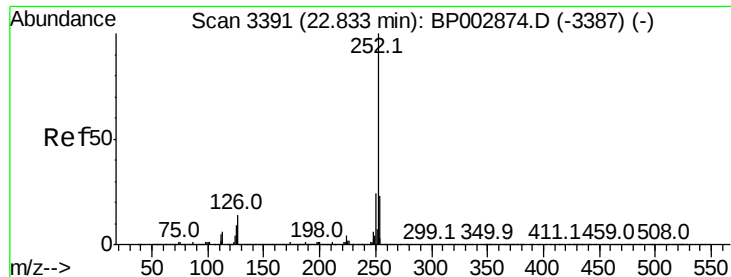


#88
 Benzo(b)fluoranthene
 Concen: 39.093 ng
 RT: 22.73 min Scan# 3374
 Delta R.T. -0.01 min
 Lab File: BP003084.D
 Acq: 21 Aug 2020 19:41

Tgt Ion:252 Resp: 4693731

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	9.8	9.4	14.2

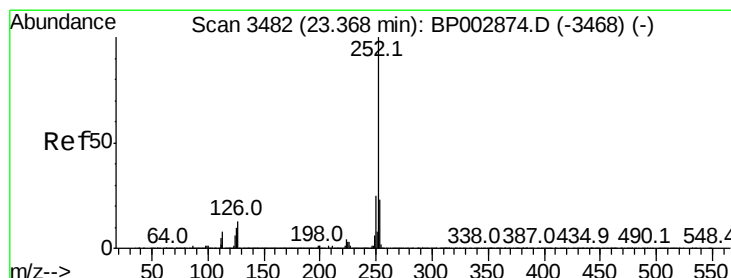
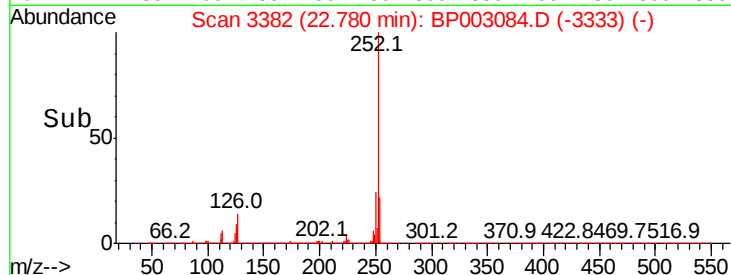
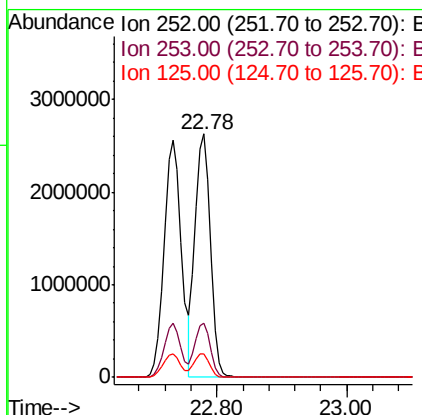
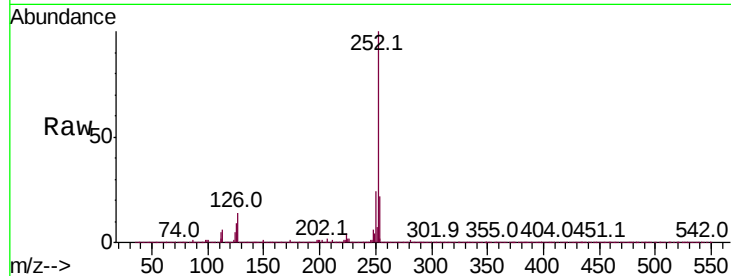




#89
Benzo(k)fluoranthene
Concen: 37.917 ng
RT: 22.78 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

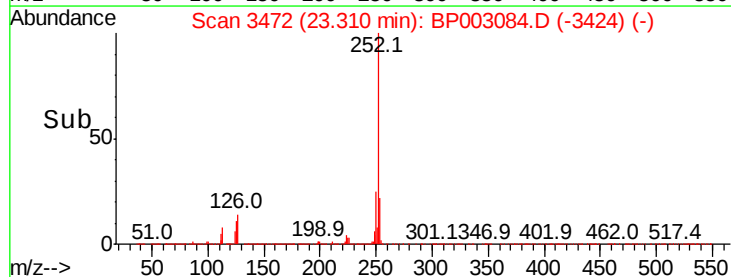
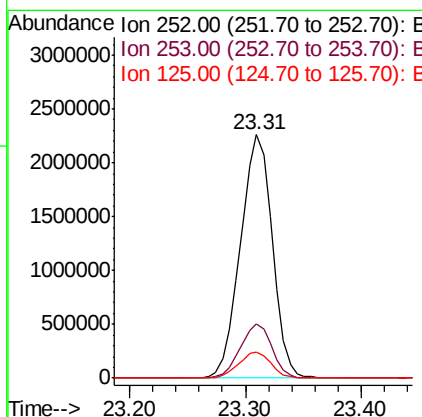
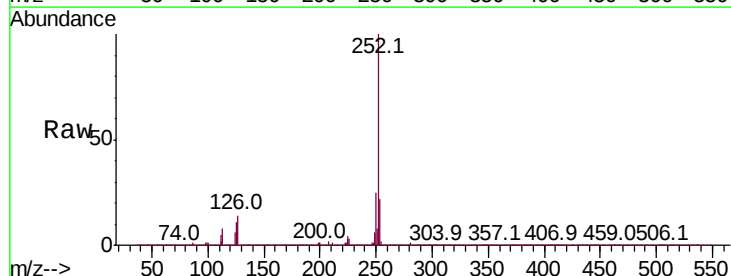
Instrument :
BNA_P
ClientSampleId :
OR-03-082020MSD

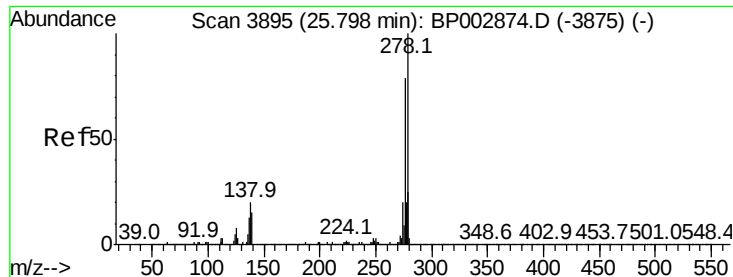
Tot Ion:252 Resp: 4302875
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 9.5 9.3 13.9



#90
Benzo(a)pyrene
Concen: 39.950 ng
RT: 23.31 min Scan# 3472
Delta R.T. -0.02 min
Lab File: BP003084.D
Acq: 21 Aug 2020 19:41

Tgt Ion:252 Resp: 4334070
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.7 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 42.353 ng

RT: 25.71 min Scan# 3880

Delta R.T. -0.02 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Instrument :

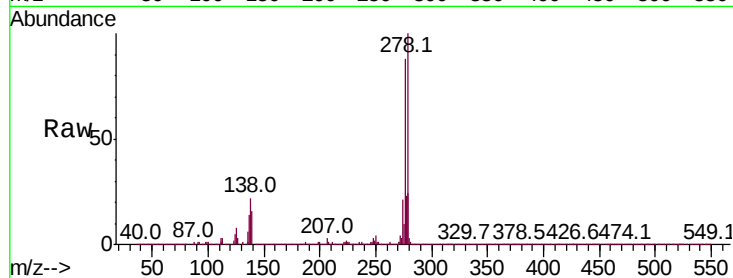
BNA_P

ClientSampleId :

OR-03-082020MSD

Tot Ion:278 Resp: 4911716

Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.2	21.4
279	24.2	19.3	28.9

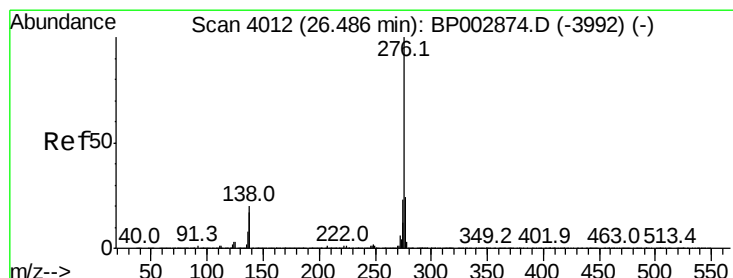
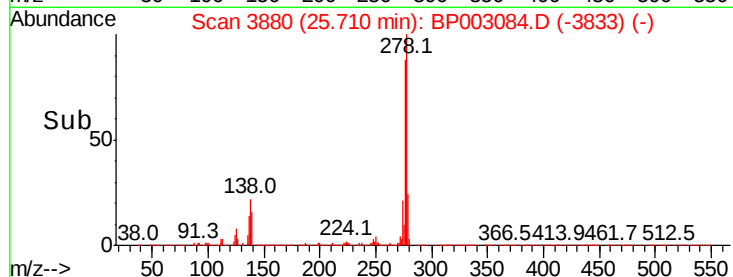
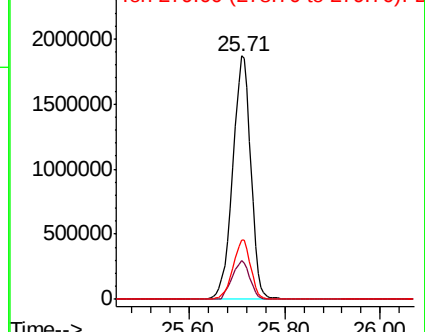


Abundance

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: 45.159 ng

RT: 26.40 min Scan# 3997

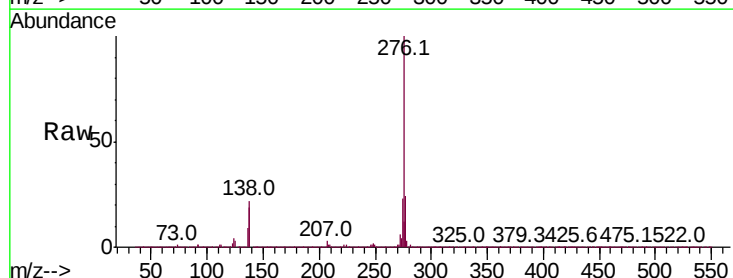
Delta R.T. -0.02 min

Lab File: BP003084.D

Acq: 21 Aug 2020 19:41

Tgt Ion:276 Resp: 5064341

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.1	28.7
138	22.4	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

