

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002857.D
 Acq On : 24 Jul 2020 17:07
 Operator : CG/JU
 Sample : L3382-05MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MSD

Quant Time: Jul 24 18:13:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 15:50:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	48753	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	214913	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	157167	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	409990	20.00	ng	0.00
76) Chrysene-d12	21.06	240	485101	20.00	ng	0.00
86) Perylene-d12	23.23	264	586310	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	416085	143.99	ng	0.00
7) Phenol-d6	6.74	99	579613	140.55	ng	0.00
23) Nitrobenzene-d5	8.68	82	351095	87.37	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	244560	149.07	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	783925	77.16	ng	0.00
79) Terphenyl-d14	19.53	244	1546978	73.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	52278	41.497	ng	100
3) Pyridine	3.48	79	140208	37.345	ng	98
4) n-Nitrosodimethylamine	3.40	42	69592	49.204	ng	99
6) Aniline	6.87	93	182958	35.045	ng	99
8) 2-Chlorophenol	7.11	128	163486	50.851	ng	100
9) Benzaldehyde	6.68	77	122059	54.476	ng	97
10) Phenol	6.76	94	228429	54.072	ng	98
11) bis(2-Chloroethyl)ether	6.97	93	156755	44.612	ng	98
12) 1,3-Dichlorobenzene	7.42	146	155085	42.068	ng	97
13) 1,4-Dichlorobenzene	7.57	146	164500	44.463	ng	98
14) 1,2-Dichlorobenzene	7.88	146	157619	44.179	ng	99
15) Benzyl Alcohol	7.78	79	154497	55.984	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	217754	43.090	ng	99
17) 2-Methylphenol	8.00	107	149661	49.727	ng	99
18) Hexachloroethane	8.59	117	57876	44.166	ng	94
19) n-Nitroso-di-n-propylamine	8.34	70	130142	51.822	ng	99
20) 3+4-Methylphenols	8.33	107	200645	50.419	ng	98
22) Acetophenone	8.35	105	244369	46.123	ng	# 99
24) Nitrobenzene	8.72	77	192727	44.286	ng	98
25) Isophorone	9.25	82	382868	46.750	ng	98
26) 2-Nitrophenol	9.43	139	88240	46.946	ng	96
27) 2,4-Dimethylphenol	9.52	122	166054	54.416	ng	99
28) bis(2-Chloroethoxy)methane	9.73	93	227526	45.739	ng	97
29) 2,4-Dichlorophenol	9.98	162	168338	50.036	ng	98
30) 1,2,4-Trichlorobenzene	10.17	180	156605	40.639	ng	97
31) Naphthalene	10.35	128	494875	43.615	ng	99
32) Benzoic acid	9.69	122	78676	35.484	ng	96
33) 4-Chloroaniline	10.48	127	118369	24.346	ng	99
34) Hexachlorobutadiene	10.65	225	86169	38.687	ng	96
35) Caprolactam	11.25	113	29520	25.095	ng	99
36) 4-Chloro-3-methylphenol	11.63	107	203420	56.093	ng	97
37) 2-Methylnaphthalene	11.98	142	376760	47.055	ng	94
38) 1-Methylnaphthalene	12.20	142	360341	47.582	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	190216	39.381	ng	100

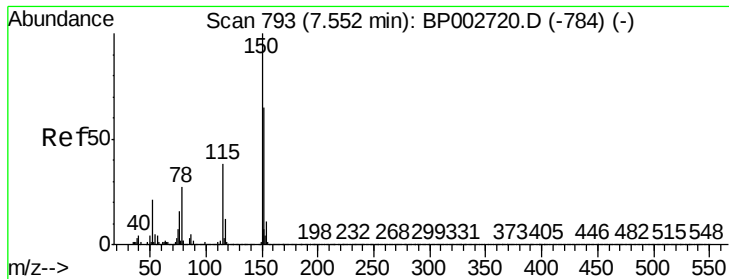
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	75095	39.271	ng	97
43) 2,4,6-Trichlorophenol	12.62	196	139412	45.092	ng	95
44) 2,4,5-Trichlorophenol	12.70	196	155633	43.401	ng	98
46) 1,1'-Biphenyl	13.01	154	496240	42.352	ng	97
47) 2-Chloronaphthalene	13.05	162	391689	41.157	ng	96
48) 2-Nitroaniline	13.26	65	147498	50.139	ng	99
49) Acenaphthylene	13.90	152	681765	45.442	ng	99
50) Dimethylphthalate	13.66	163	681821	56.884	ng	100
51) 2,6-Dinitrotoluene	13.77	165	123193	48.008	ng	98
52) Acenaphthene	14.25	154	390529	43.556	ng	99
53) 3-Nitroaniline	14.10	138	87915	30.622	ng	99
54) 2,4-Dinitrophenol	14.33	184	137805	93.958	ng	96
55) Dibenzofuran	14.59	168	637786	44.352	ng	99
56) 4-Nitrophenol	14.46	139	210862	90.929	ng	98
57) 2,4-Dinitrotoluene	14.58	165	179145	53.010	ng	97
58) Fluorene	15.25	166	509474	47.880	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.83	232	146356	51.778	ng	99
60) Diethylphthalate	15.03	149	592510	50.985	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	259900	45.969	ng	98
62) 4-Nitroaniline	15.28	138	153550	49.996	ng	98
63) Azobenzene	15.54	77	599361	50.160	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	104290	43.154	ng	97
66) n-Nitrosodiphenylamine	15.46	169	502192	41.465	ng	97
67) 4-Bromophenyl-phenylether	16.14	248	166155	37.204	ng	99
68) Hexachlorobenzene	16.26	284	190243	40.431	ng	95
69) Atrazine	16.43	200	175099	52.958	ng	100
70) Pentachlorophenol	16.62	266	196460	85.737	ng	96
71) Phenanthrene	16.99	178	966921	43.558	ng	99
72) Anthracene	17.08	178	995231	45.688	ng	99
73) Carbazole	17.36	167	996615	46.623	ng	99
74) Di-n-butylphthalate	17.93	149	1187544	51.224	ng	99
75) Fluoranthene	18.97	202	1323265	51.446	ng	98
77) Benzidine	19.16	184	967202	80.438	ng	99
78) Pyrene	19.33	202	1355711	40.477	ng	97
80) Butylbenzylphthalate	20.22	149	641085	48.505	ng	99
81) Benzo(a)anthracene	21.04	228	1390089	44.268	ng	100
82) 3,3'-Dichlorobenzidine	20.98	252	384220	36.945	ng	98
83) Chrysene	21.09	228	1299745	43.483	ng	97
84) Bis(2-ethylhexyl)phthalate	20.99	149	921569	50.133	ng	99
85) Di-n-octyl phthalate	21.84	149	1770086	53.559	ng	99
87) Indeno(1,2,3-cd)pyrene	25.44	276	1899998	44.836	ng	99
88) Benzo(b)fluoranthene	22.59	252	1585810	43.558	ng	95
89) Benzo(k)fluoranthene	22.63	252	1466435	40.893	ng	96
90) Benzo(a)pyrene	23.14	252	1443063	41.828	ng	100
91) Dibenzo(a,h)anthracene	25.45	278	1567518	45.867	ng	98
92) Benzo(g,h,i)perylene	26.12	276	1646387	47.515	ng	99

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

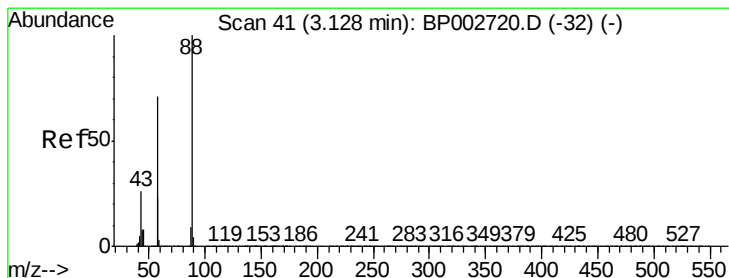
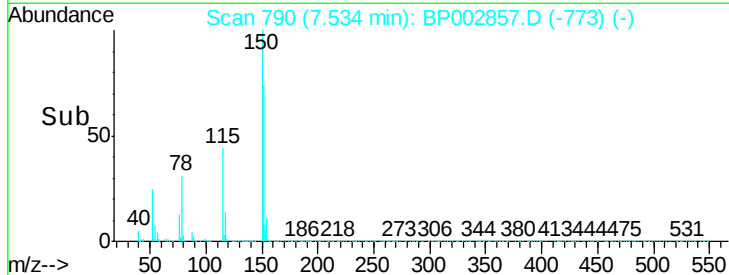
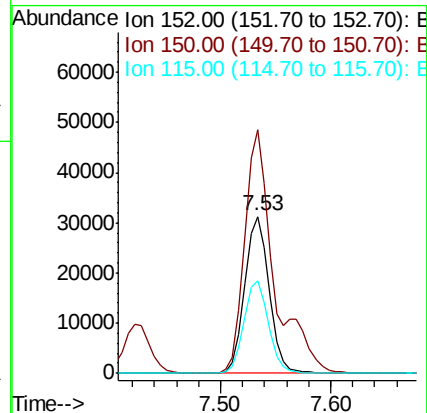
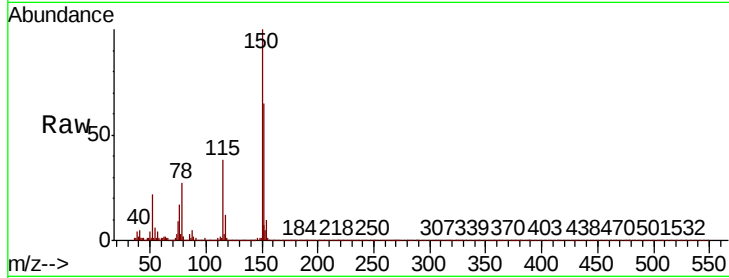


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

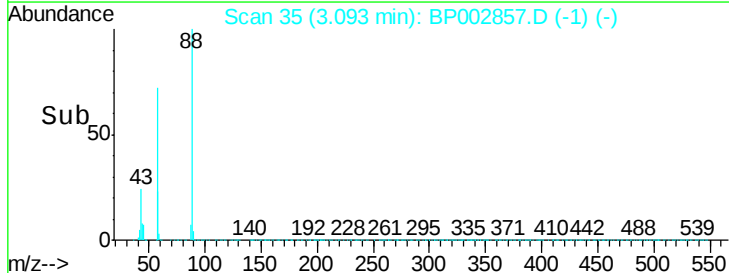
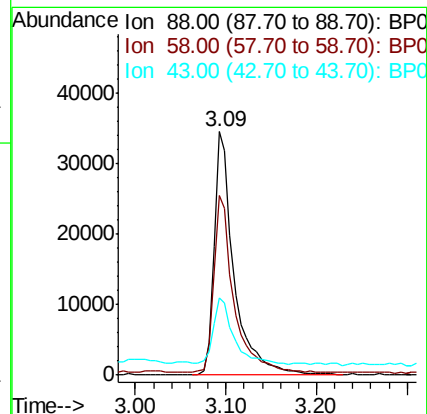
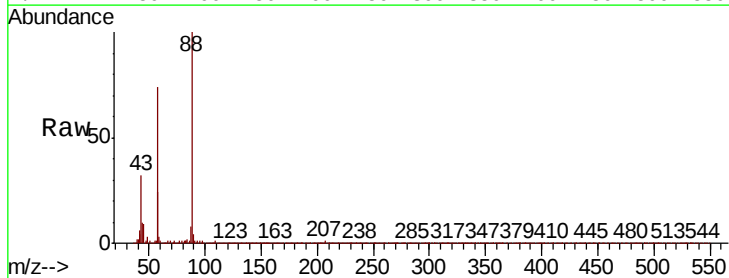
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.5	183.7
115	58.8	48.5	72.7

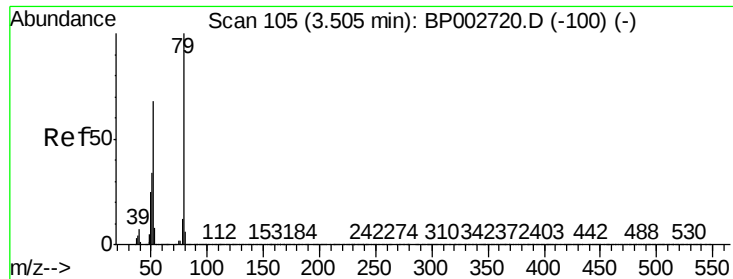


#2

1,4-Dioxane
Concen: 41.497 ng
RT: 3.09 min Scan# 35
Delta R.T. -0.02 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.9	58.9	88.3
43	28.6	22.6	33.8





#3

Pvridine

Concen: 37.345 ng

RT: 3.48 min Scan# 101

Delta R.T. -0.01 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

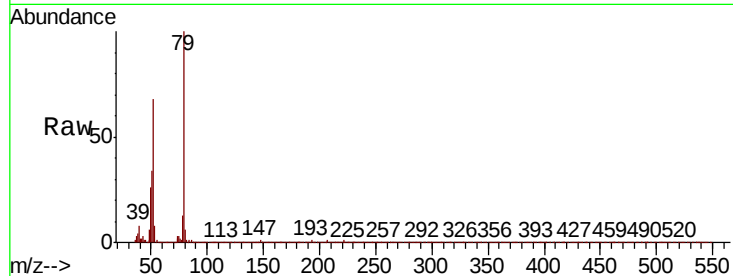
Tot Ion: 79 Resp: 140208

Ion Ratio Lower Upper

79 100

52 68.0 55.4 83.0

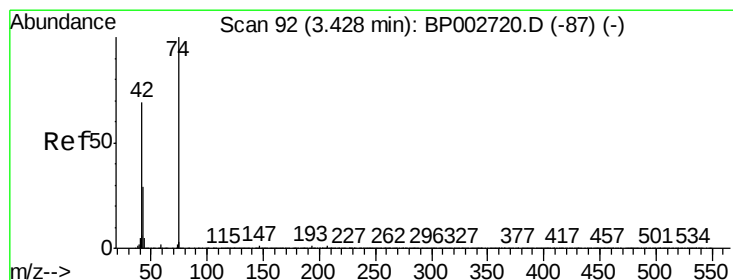
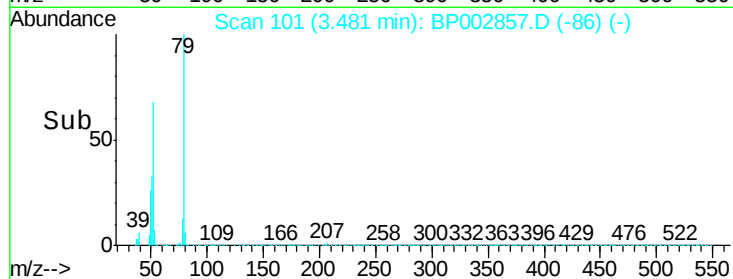
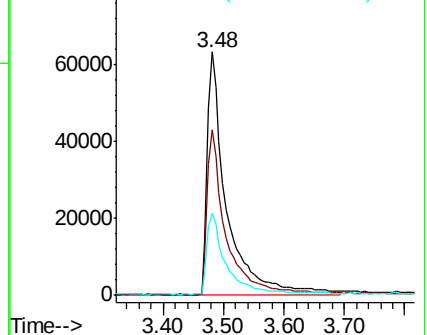
51 33.7 27.8 41.8



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: 49.204 ng

RT: 3.40 min Scan# 87

Delta R.T. -0.01 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

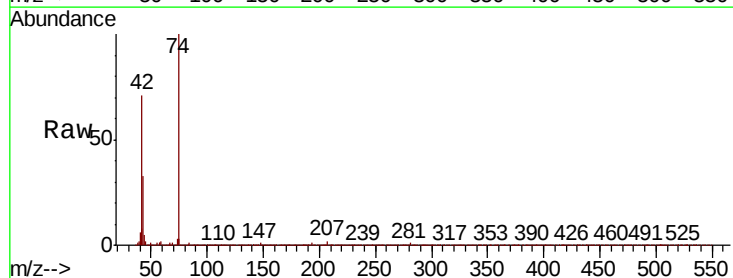
Tgt Ion: 42 Resp: 69592

Ion Ratio Lower Upper

42 100

74 140.2 111.2 166.8

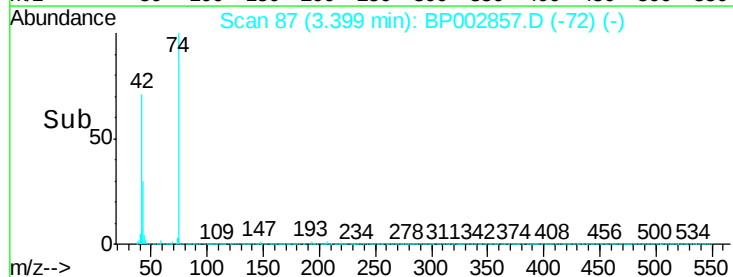
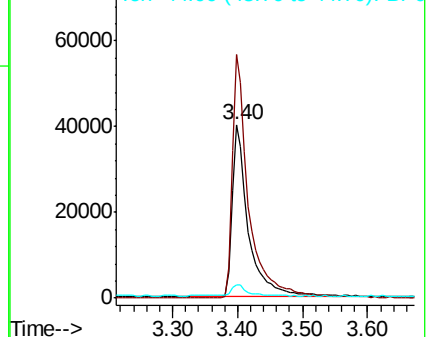
44 7.3 5.5 8.3

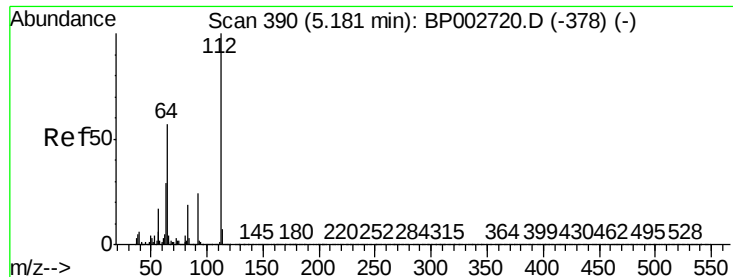


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 143.994 ng

RT: 5.16 min Scan# 387

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

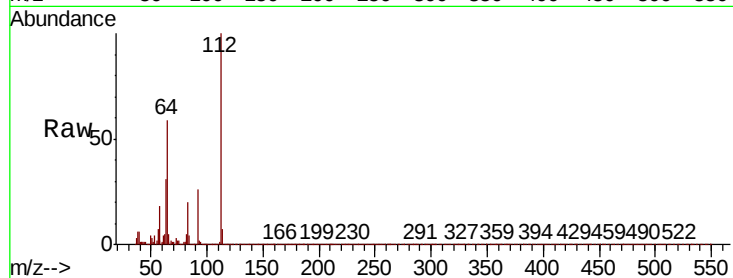
Tot Ion:112 Resp: 416085

Ion Ratio Lower Upper

112 100

64 58.7 48.1 72.1

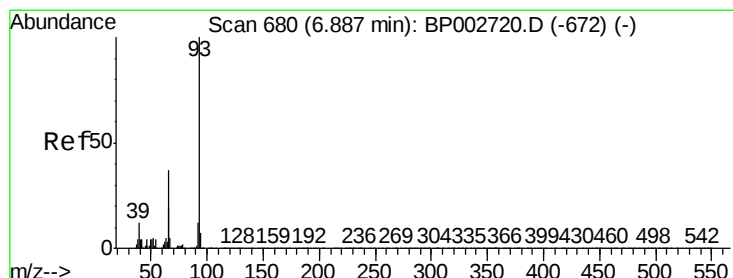
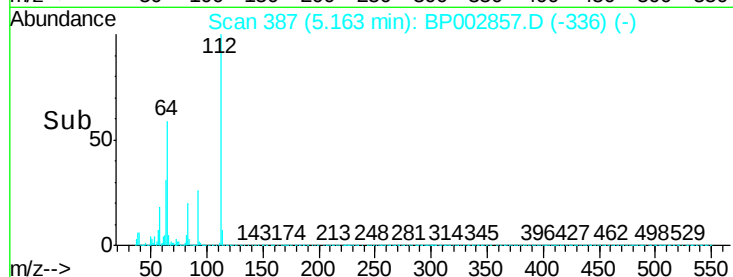
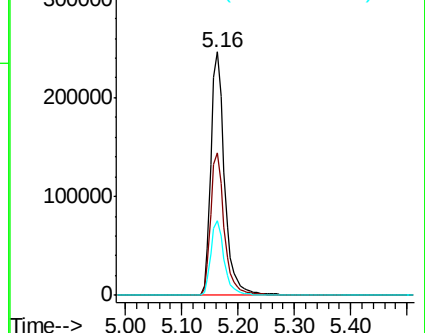
63 30.5 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 35.045 ng

RT: 6.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

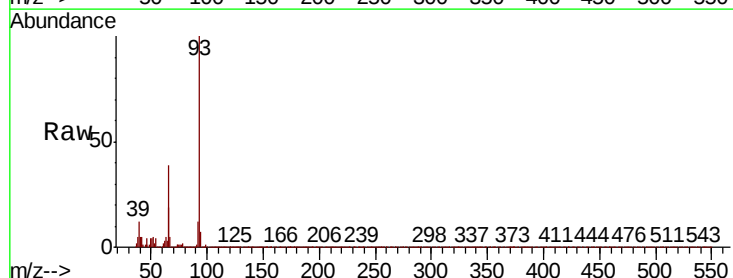
Tgt Ion: 93 Resp: 182958

Ion Ratio Lower Upper

93 100

66 39.3 31.1 46.7

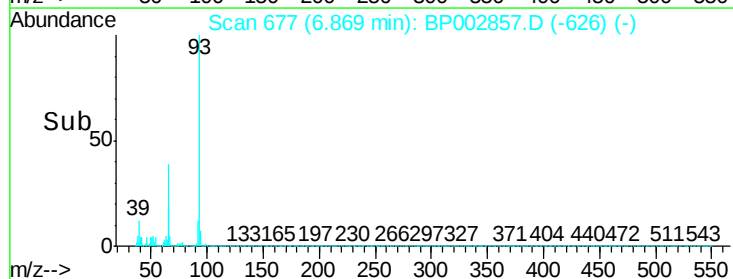
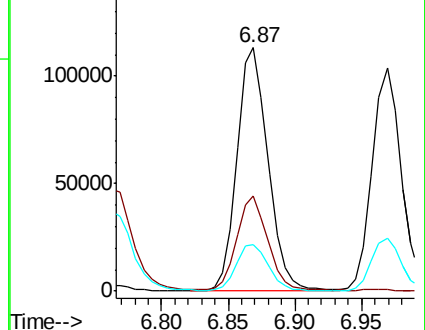
65 19.3 16.1 24.1

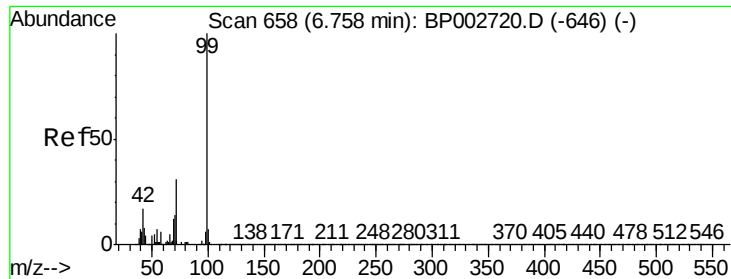


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 140.548 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

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ClientSampleId :

CTR-020MSD

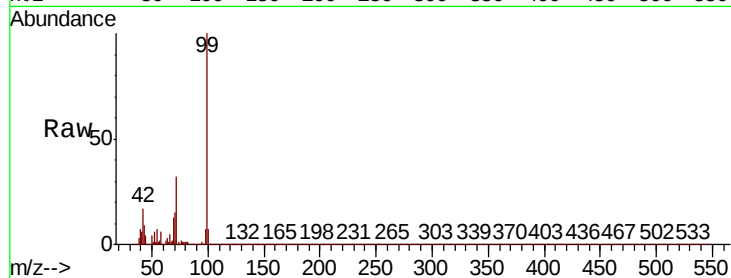
Tot Ion: 99 Resp: 579613

Ion Ratio Lower Upper

99 100

42 17.3 14.2 21.4

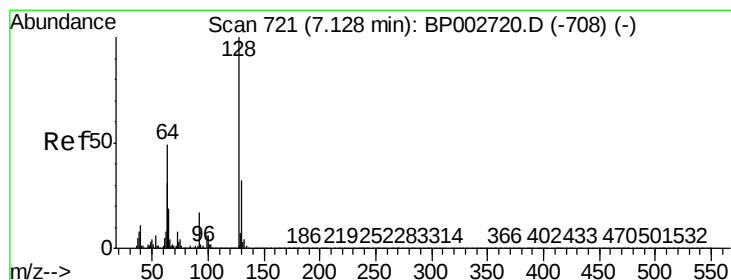
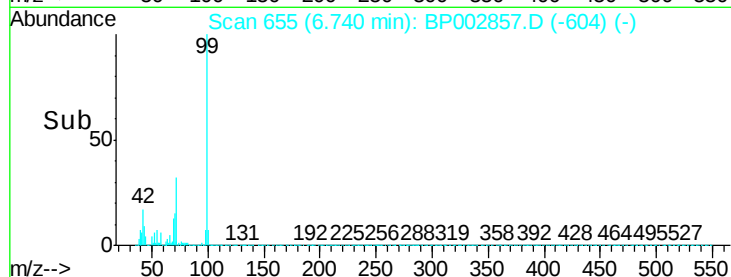
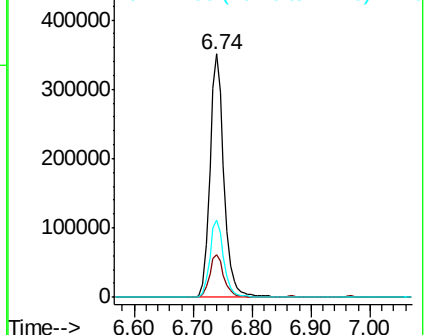
71 31.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 50.851 ng

RT: 7.11 min Scan# 718

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

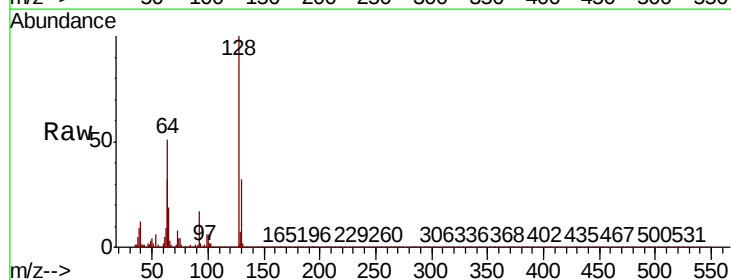
Tgt Ion: 128 Resp: 163486

Ion Ratio Lower Upper

128 100

130 32.3 12.5 52.5

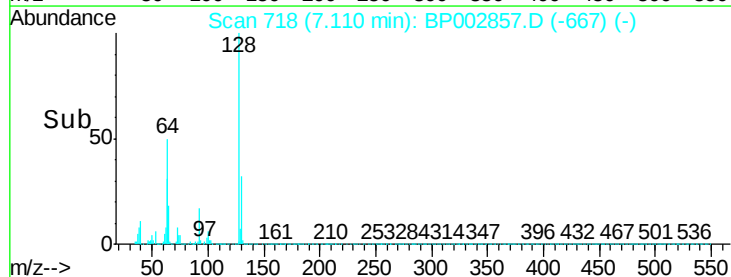
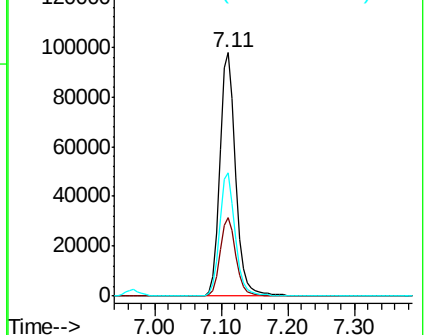
64 50.6 30.8 70.8

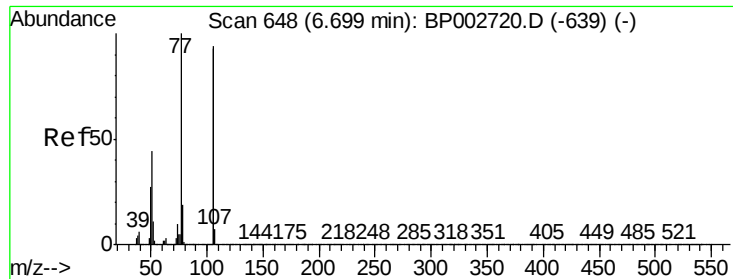


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 54.476 ng

RT: 6.68 min Scan# 645

Delta R.T. -0.01 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

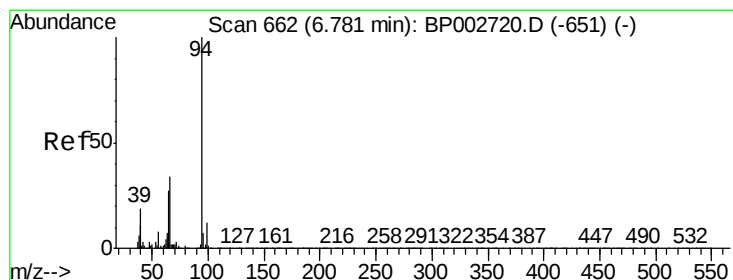
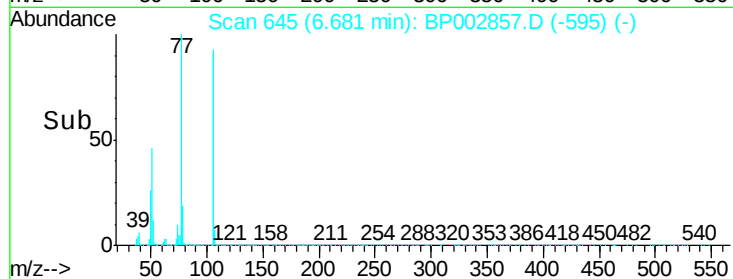
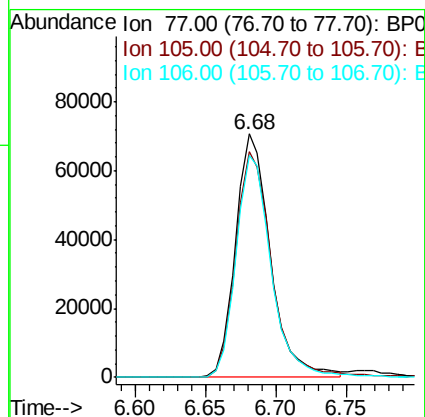
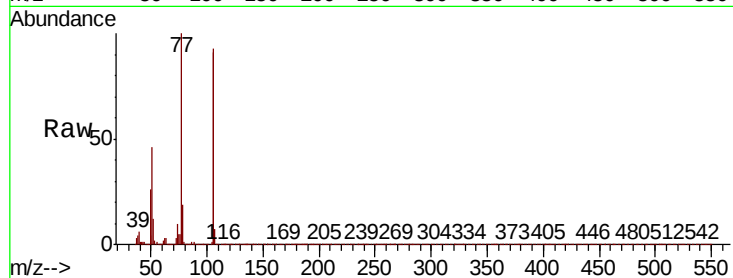
Tot Ion: 77 Resp: 122059

Ion Ratio Lower Upper

77 100

105 92.7 75.8 115.8

106 91.0 74.1 114.1



#10

Phenol

Concen: 54.072 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

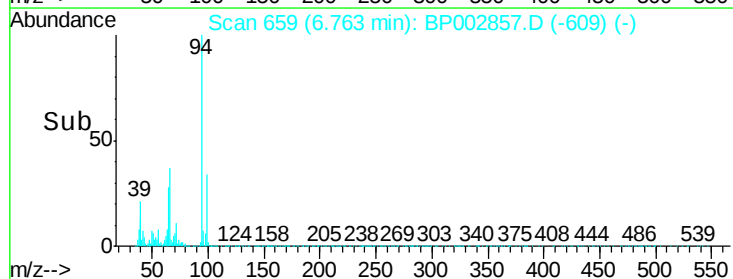
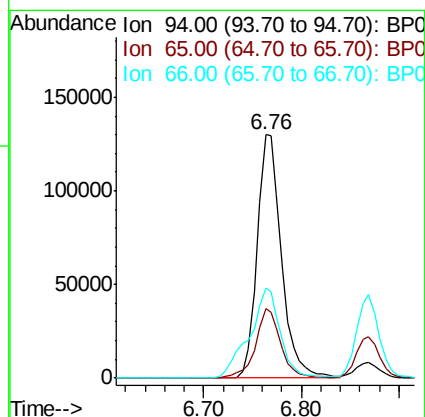
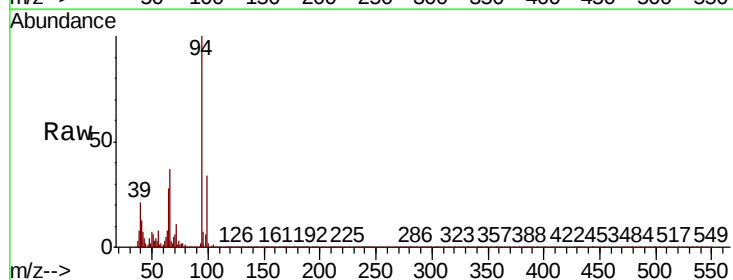
Tgt Ion: 94 Resp: 228429

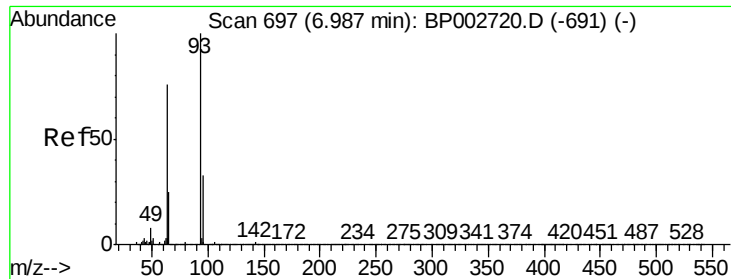
Ion Ratio Lower Upper

94 100

65 28.4 7.6 47.6

66 36.8 15.5 55.5

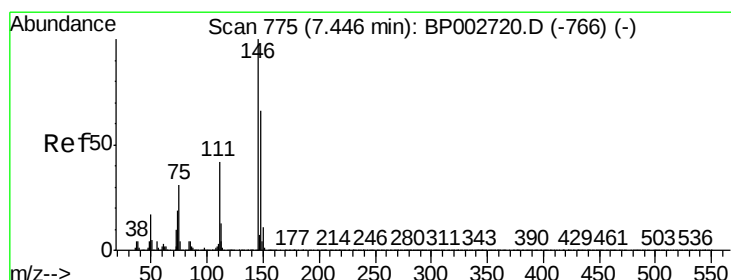
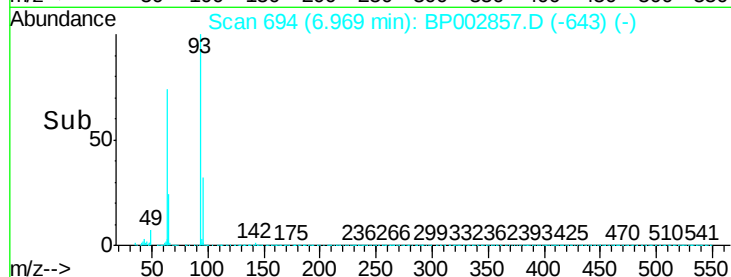
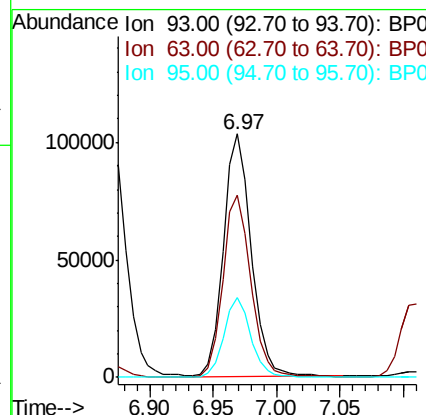
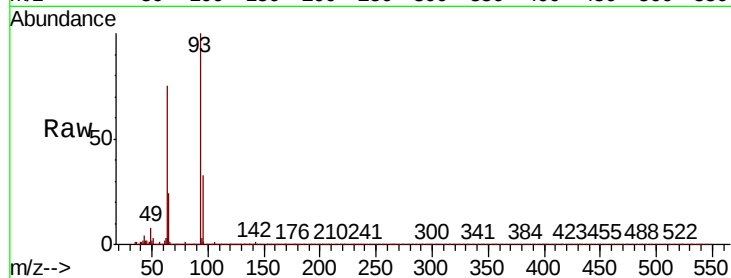




#11
bis(2-Chloroethyl)ether
Concen: 44.612 ng
RT: 6.97 min Scan# 694
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

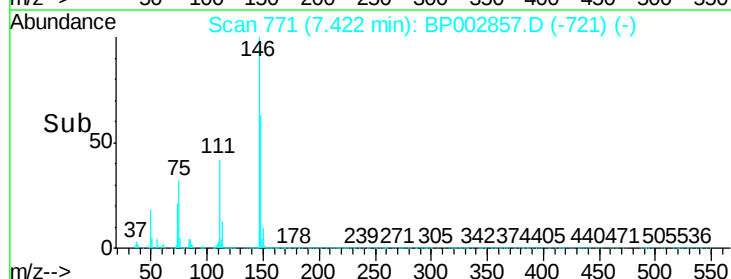
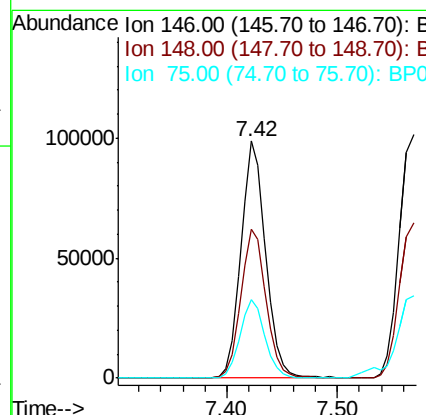
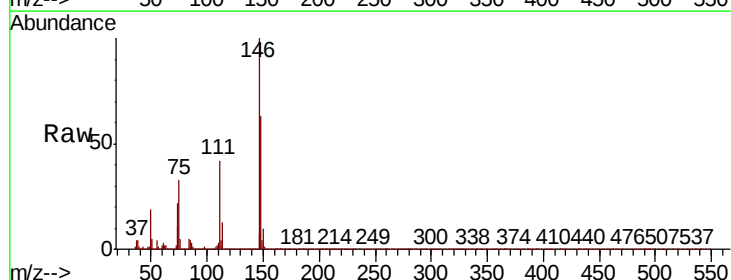
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

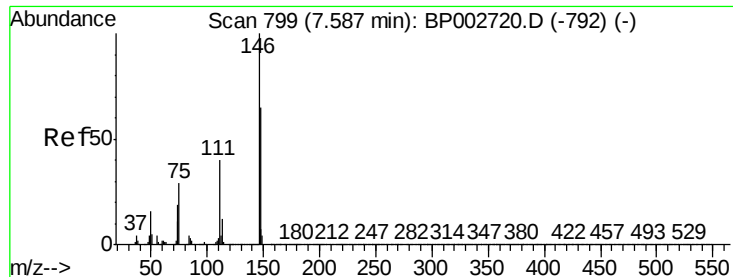
Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	56.6	96.6
95	32.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 42.068 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	52.6	78.8
75	33.3	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 44.463 ng

RT: 7.57 min Scan# 796

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

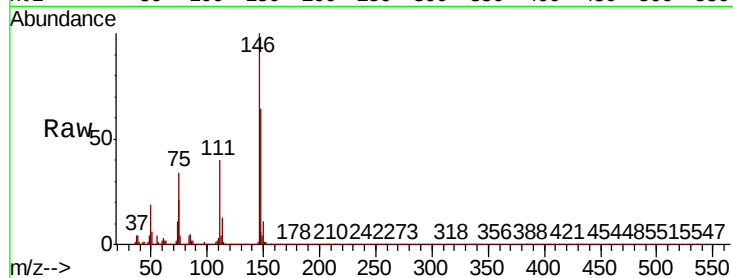
Tot Ion:146 Resp: 164500

Ion Ratio Lower Upper

146 100

148 63.7 52.1 78.1

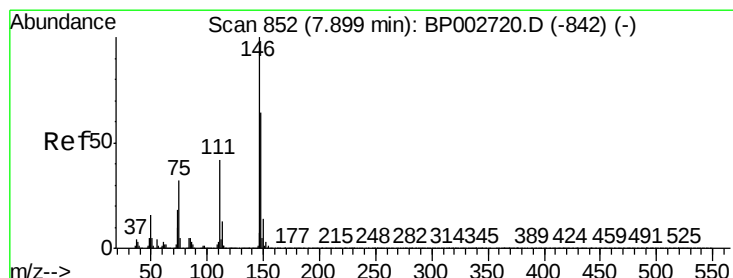
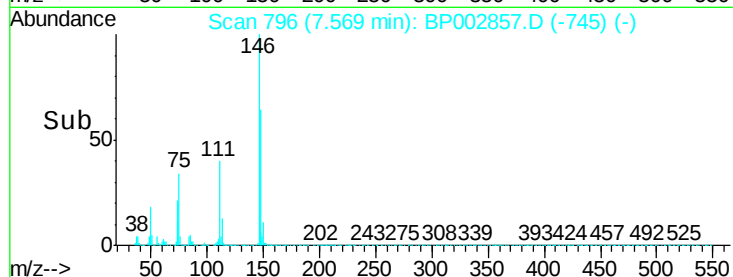
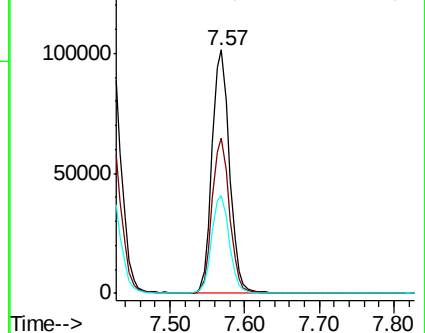
111 40.1 33.2 49.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.179 ng

RT: 7.88 min Scan# 849

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

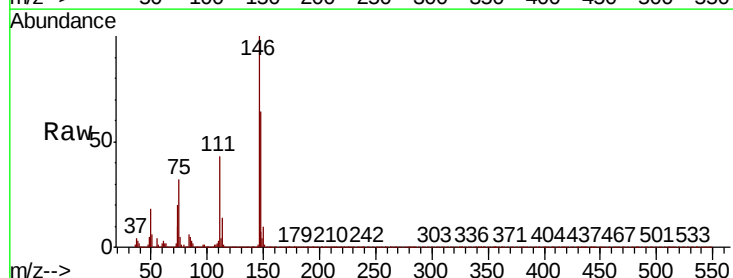
Tgt Ion:146 Resp: 157619

Ion Ratio Lower Upper

146 100

148 64.1 51.6 77.4

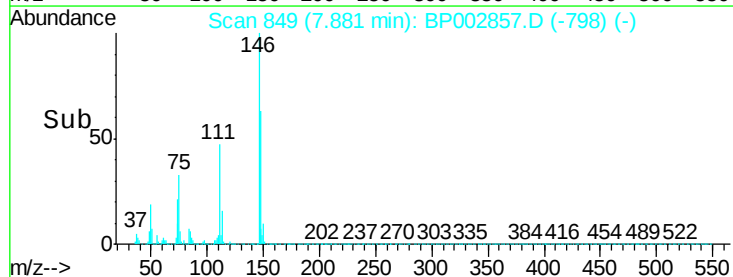
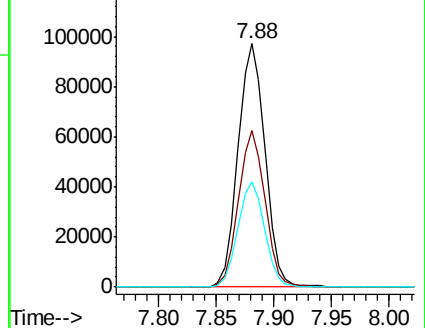
111 43.2 35.2 52.8

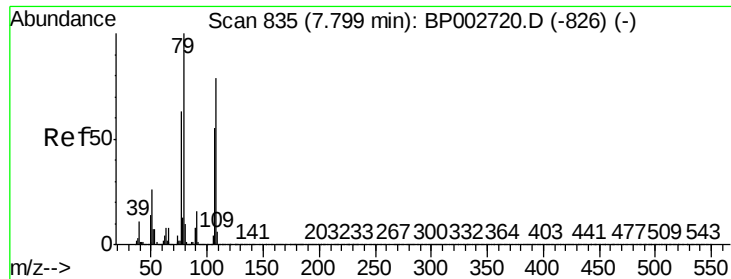


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.984 ng

RT: 7.78 min Scan# 832

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

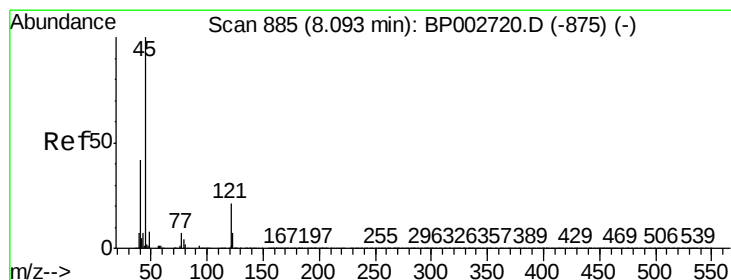
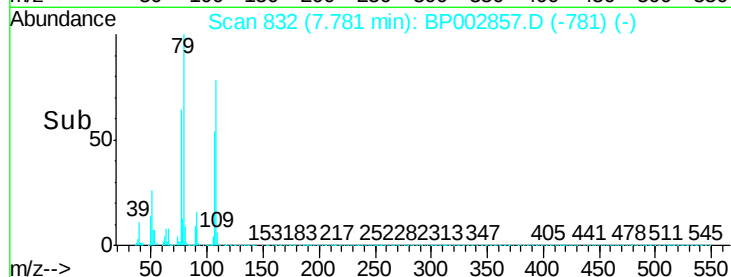
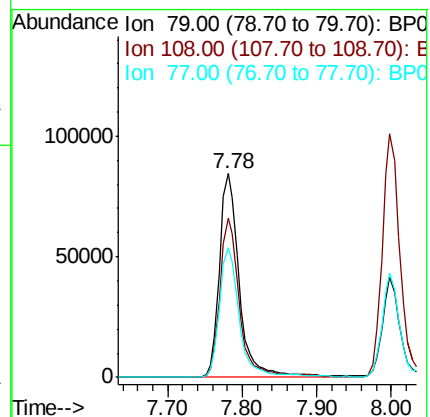
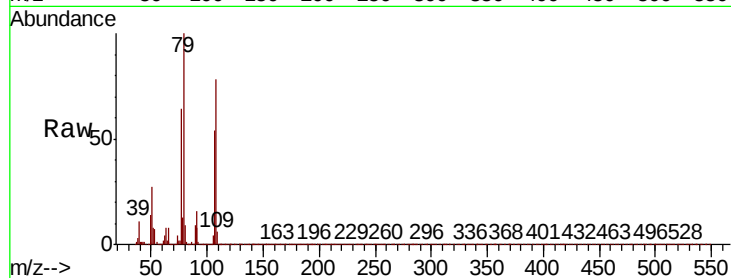
Tot Ion: 79 Resp: 154497

Ion Ratio Lower Upper

79 100

108 78.1 60.7 91.1

77 63.9 50.5 75.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.090 ng

RT: 8.06 min Scan# 880

Delta R.T. -0.01 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

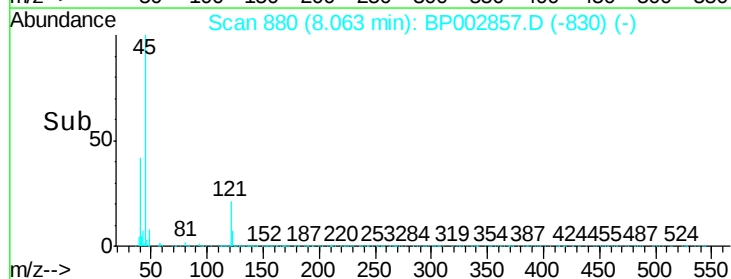
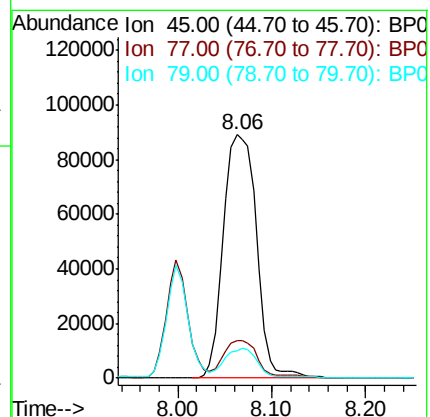
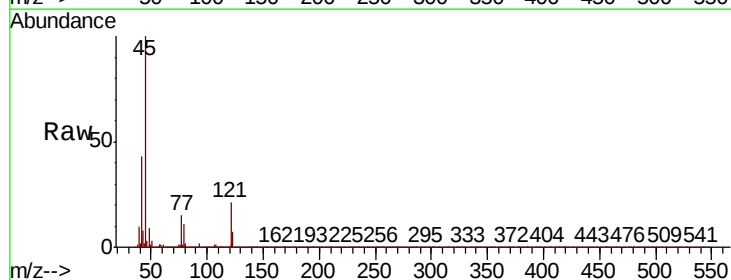
Tgt Ion: 45 Resp: 217754

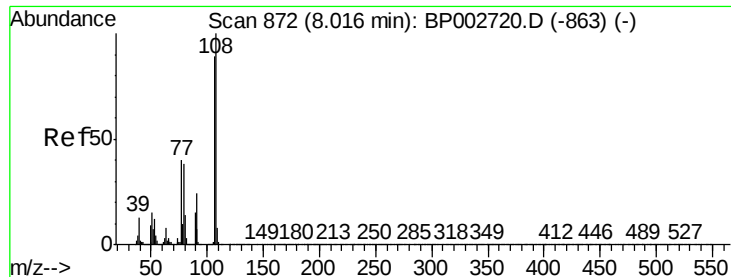
Ion Ratio Lower Upper

45 100

77 15.4 0.0 34.9

79 11.2 0.0 31.3

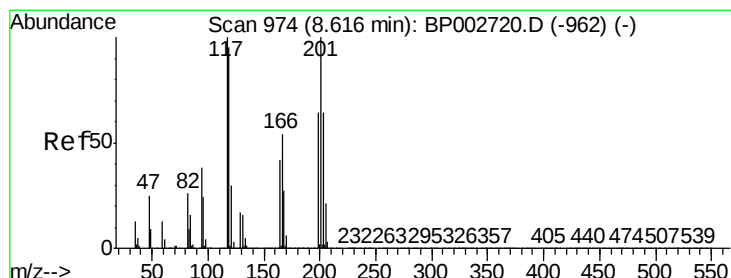
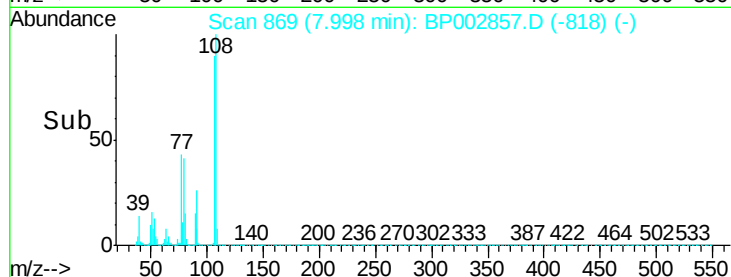
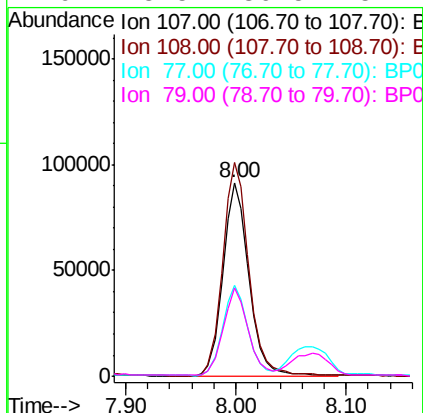
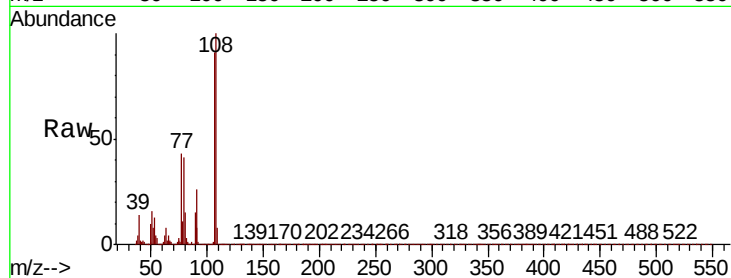




#17
2-Methylphenol
Concen: 49.727 ng
RT: 8.00 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

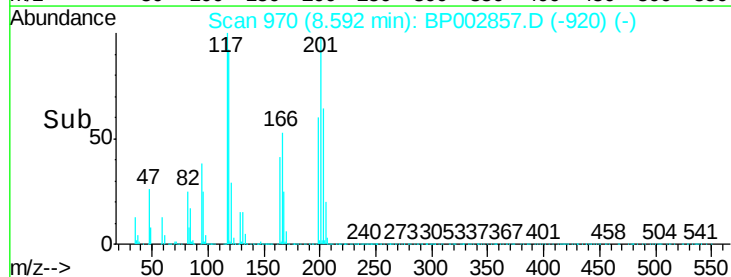
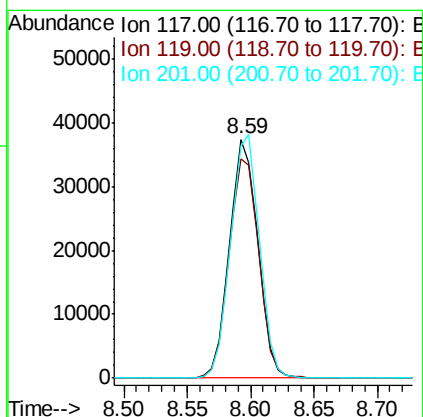
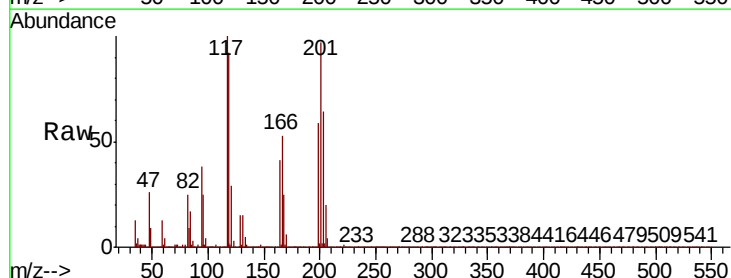
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

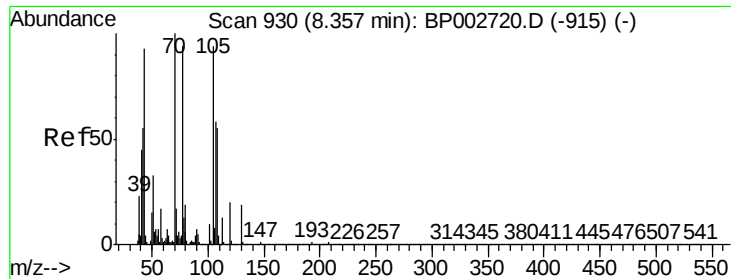
Tot Ion:	107	Resp:	149661
Ion	Ratio	Lower	Upper
107	100		
108	110.5	89.7	134.5
77	47.1	38.4	57.6
79	45.5	36.5	54.7



#18
Hexachloroethane
Concen: 44.166 ng
RT: 8.59 min Scan# 970
Delta R.T. -0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:	117	Resp:	57876
Ion	Ratio	Lower	Upper
117	100		
119	91.8	76.3	114.5
201	97.4	84.7	127.1

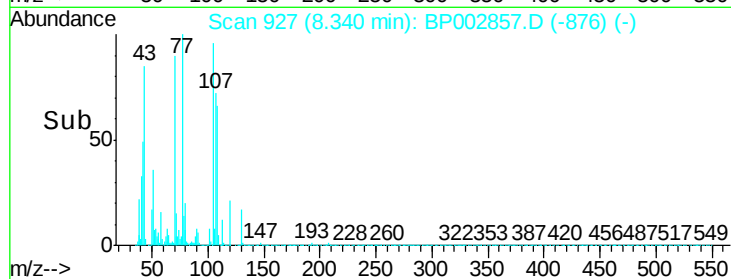
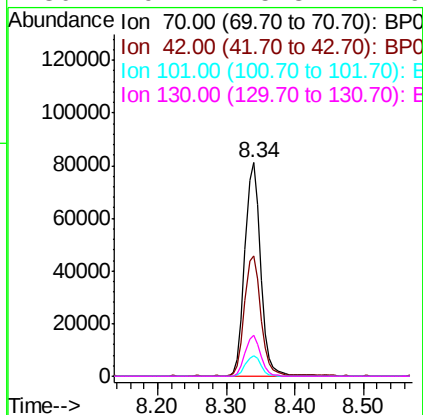
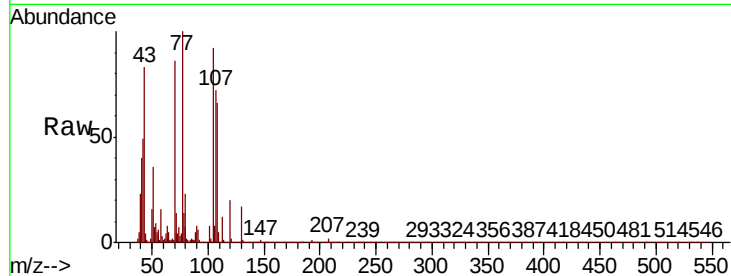




#19
n-Nitroso-di-n-propylamine
Concen: 51.822 ng
RT: 8.34 min Scan# 927
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

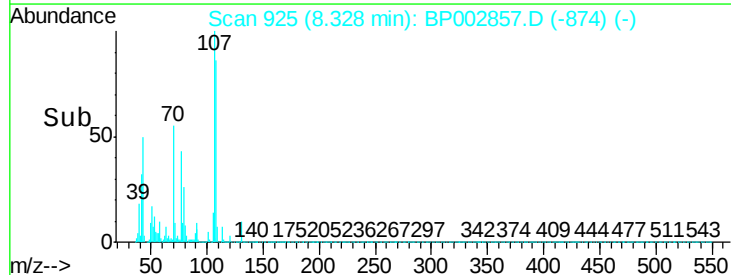
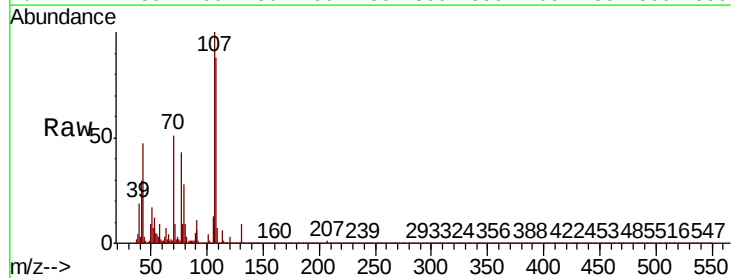
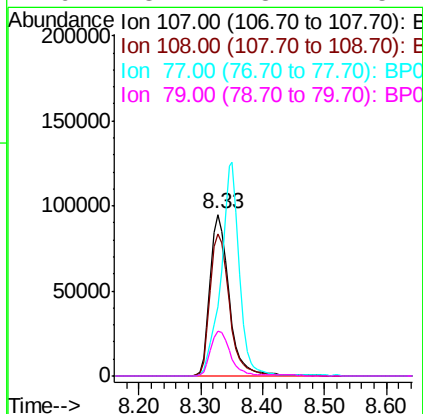
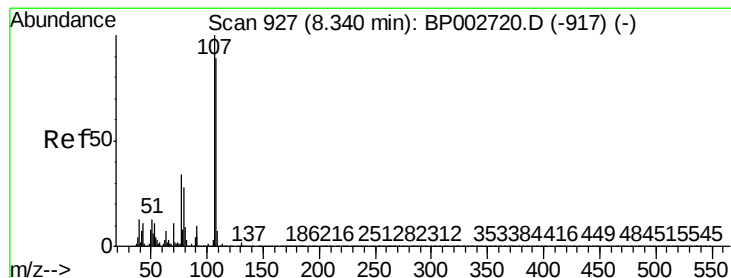
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

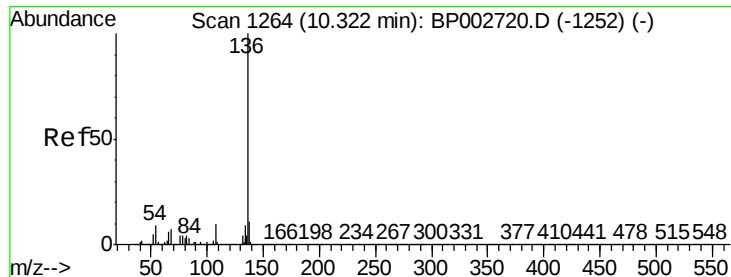
Tot Ion:	70	Resp:	130142
Ion	Ratio	Lower	Upper
70	100		
42	56.2	45.4	68.0
101	9.5	7.8	11.8
130	19.4	15.3	22.9



#20
3+4-Methylphenols
Concen: 50.419 ng
RT: 8.33 min Scan# 925
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:	107	Resp:	200645
Ion	Ratio	Lower	Upper
107	100		
108	87.7	68.6	108.6
77	43.1	18.7	58.7
79	28.2	8.4	48.4

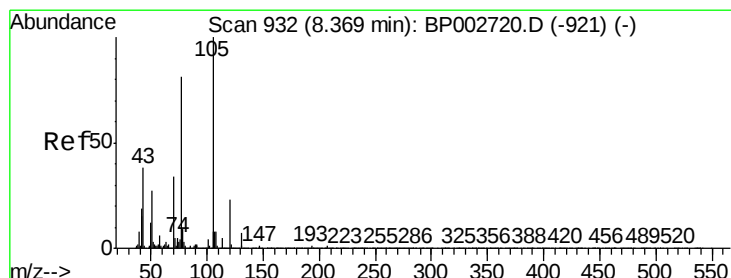
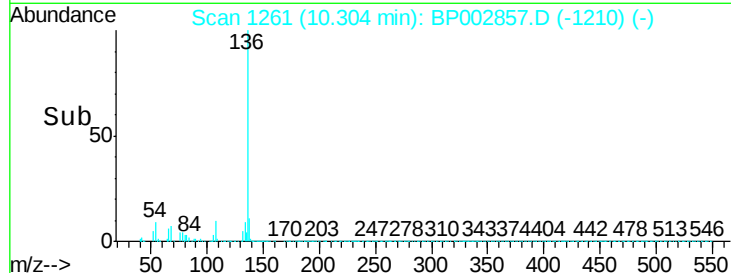
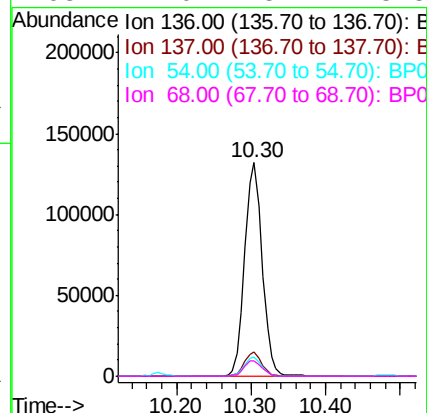
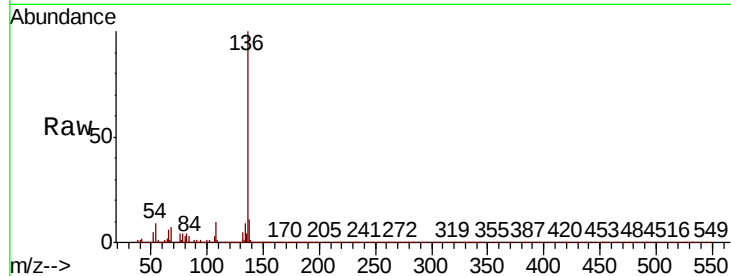




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

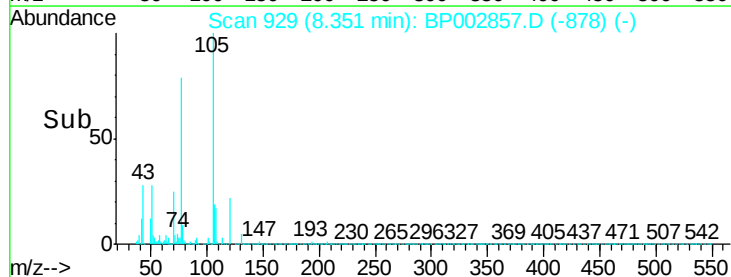
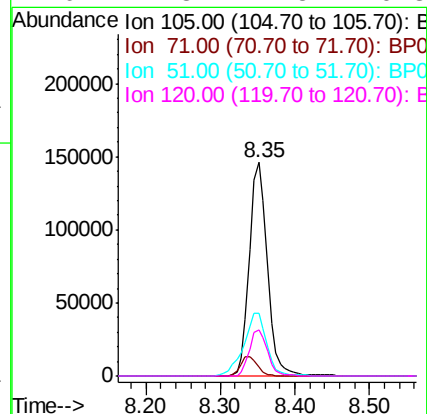
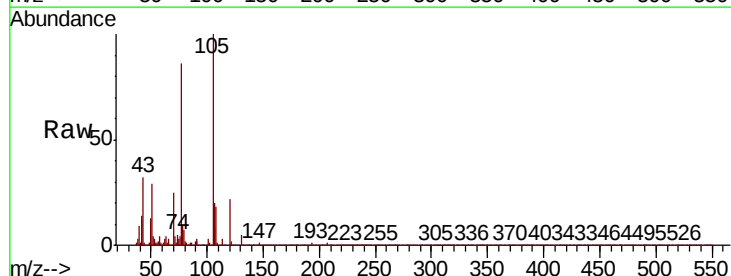
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

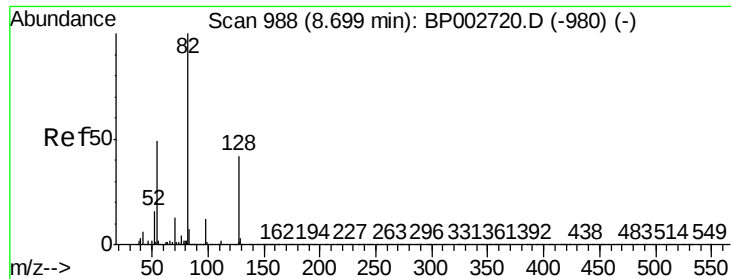
Tot Ion:136	Resp:	214913
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.8	13.2
54 8.7	7.3	10.9
68 7.0	5.7	8.5



#22
Acetophenone
Concen: 46.123 ng
RT: 8.35 min Scan# 929
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt	Ion:105	Resp:	244369
Ion	Ratio	Lower	Upper
105	100		
71	4.2	4.6	6.8#
51	29.4	23.8	35.8
120	21.8	17.5	26.3

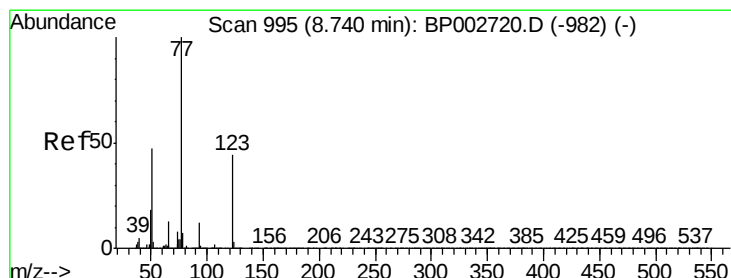
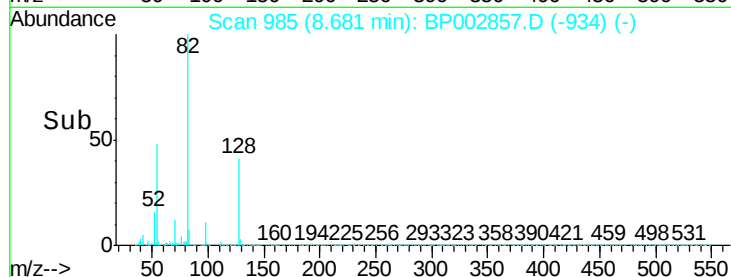
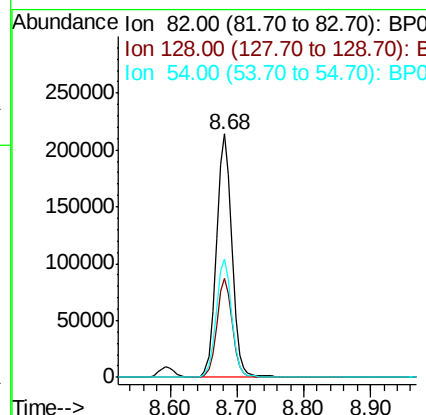
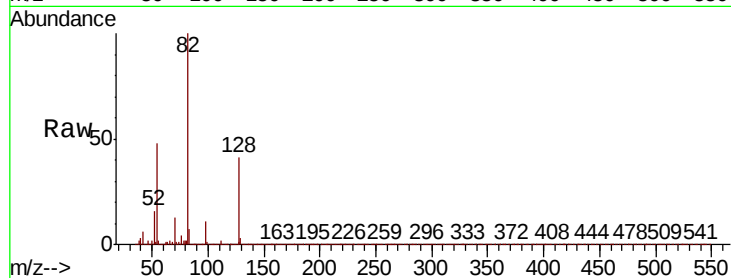




#23
 Nitrobenzene-d5
 Concen: 87.374 ng
 RT: 8.68 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

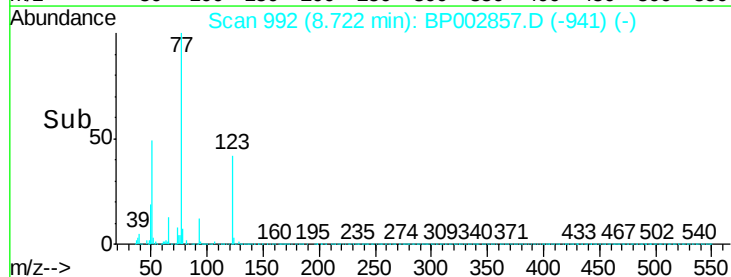
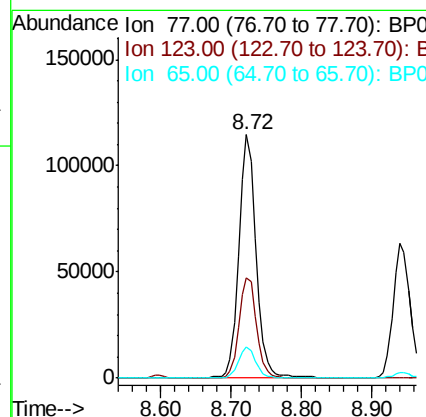
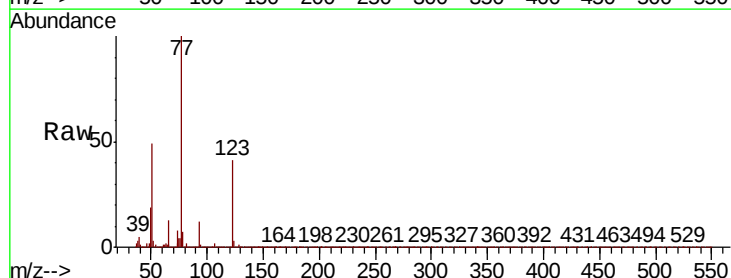
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MSD

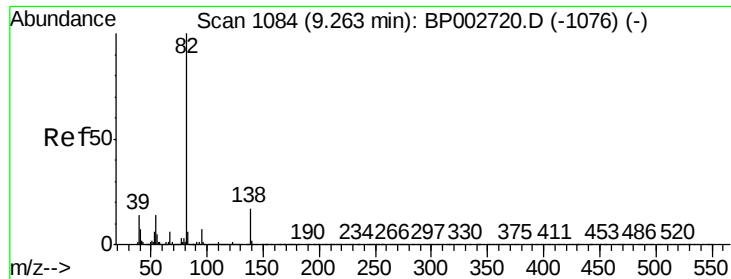
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.6	49.0
54	48.3	38.9	58.3



#24
 Nitrobenzene
 Concen: 44.286 ng
 RT: 8.72 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.3	33.8	50.8
65	12.9	10.9	16.3





#25

Isophorone

Concen: 46.750 ng

RT: 9.25 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

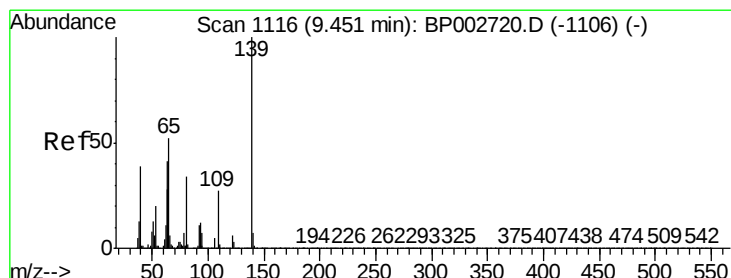
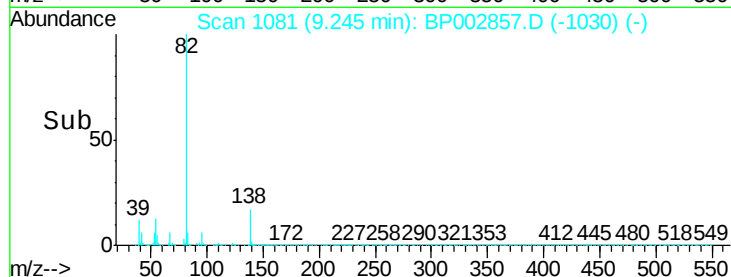
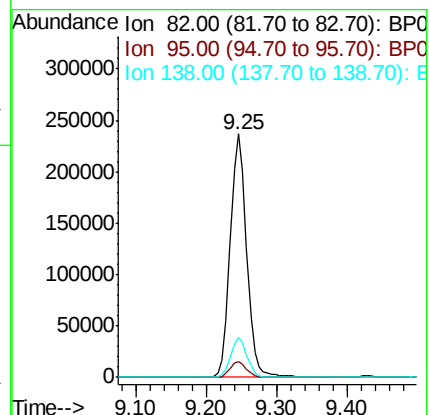
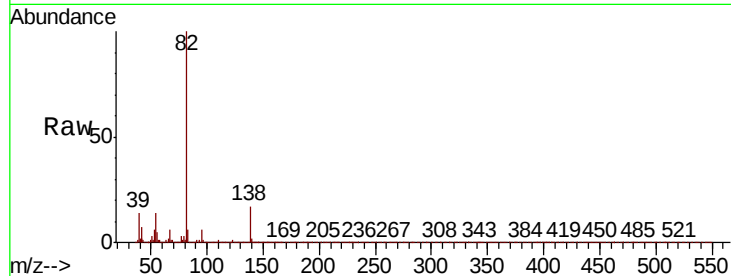
Tot Ion: 82 Resp: 382868

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 16.6 12.6 18.8



#26

2-Nitrophenol

Concen: 46.946 ng

RT: 9.43 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

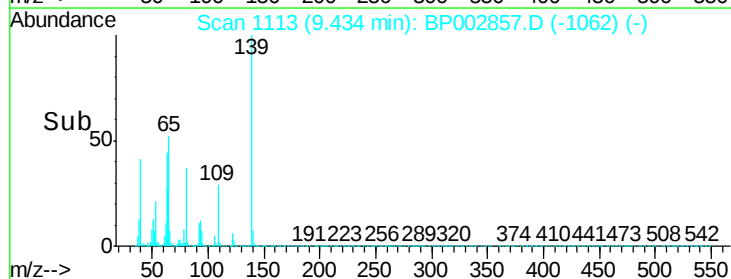
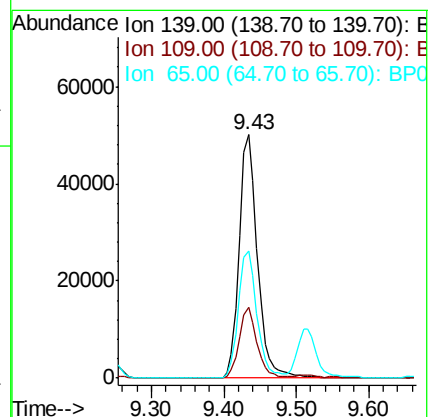
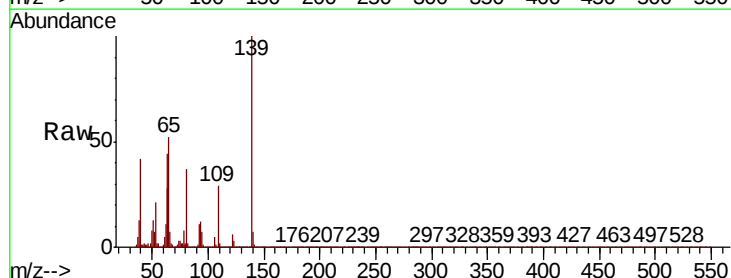
Tgt Ion: 139 Resp: 88240

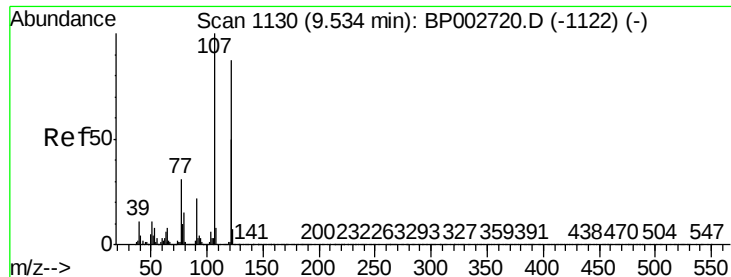
Ion Ratio Lower Upper

139 100

109 29.1 25.0 37.6

65 52.2 44.2 66.2

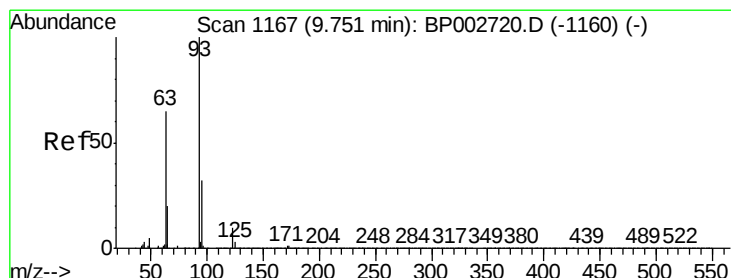
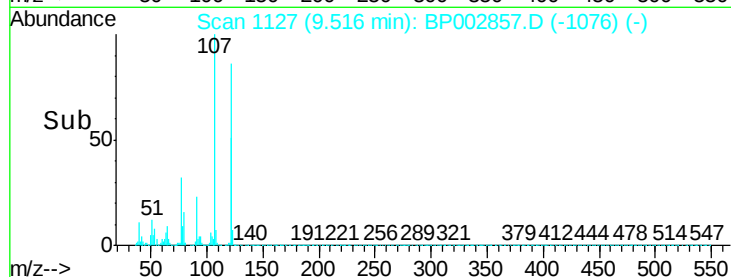
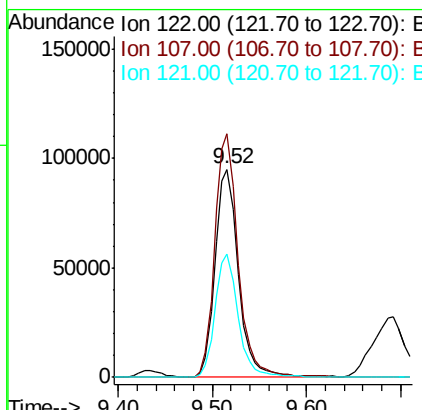
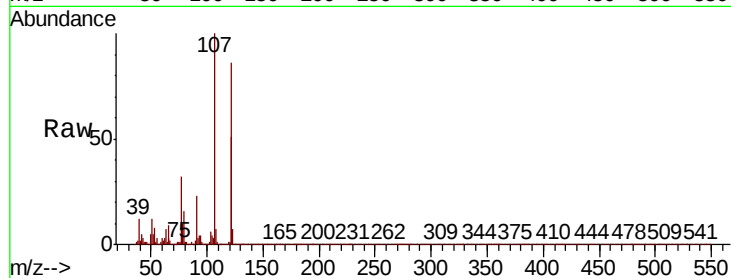




#27
2,4-Dimethylphenol
Concen: 54.416 ng
RT: 9.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

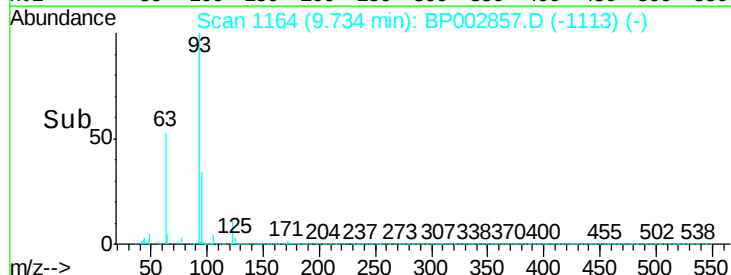
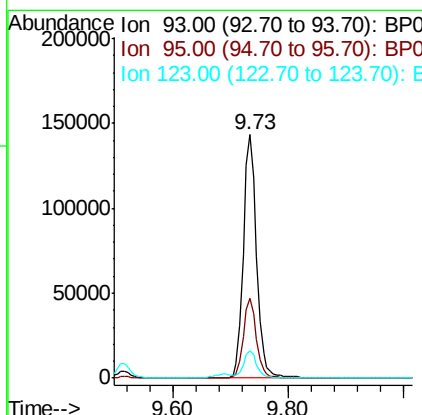
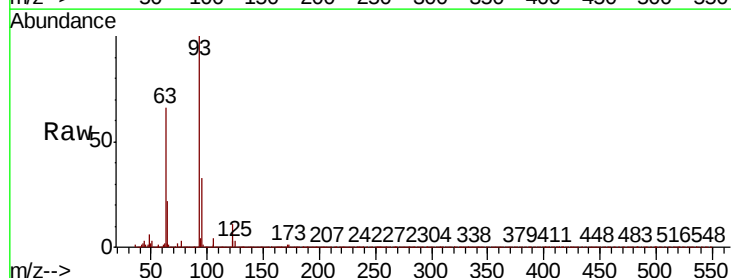
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

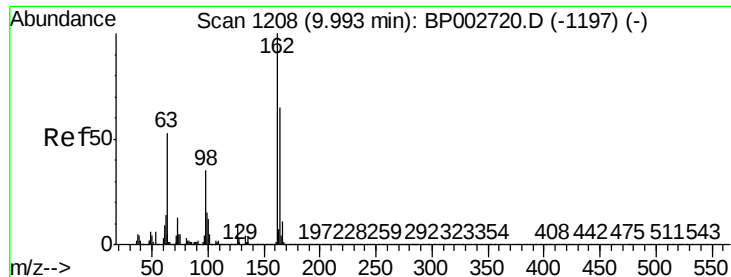
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	94.9	142.3
121	59.2	47.1	70.7



#28
bis(2-Chloroethoxy)methane
Concen: 45.739 ng
RT: 9.73 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	24.9	37.3
123	11.3	8.4	12.6

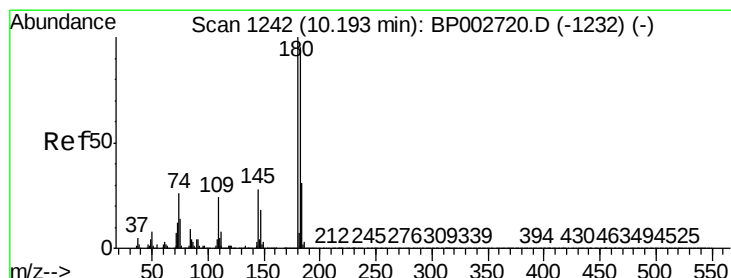
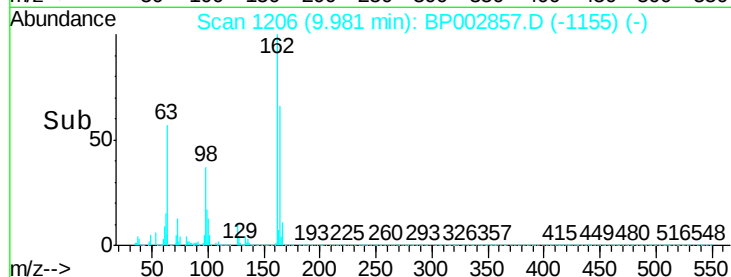
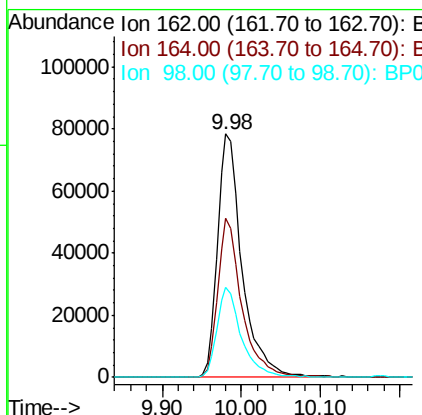
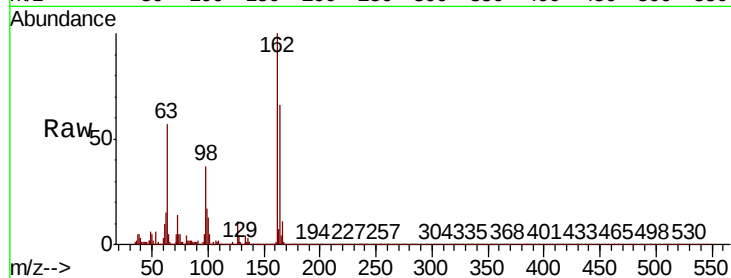




#29
2,4-Dichlorophenol
Concen: 50.036 ng
RT: 9.98 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

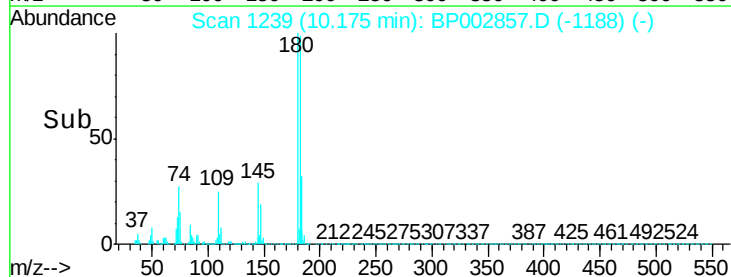
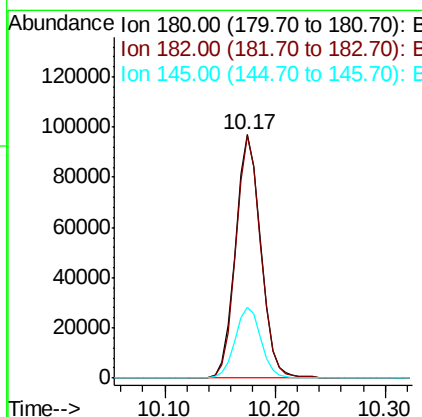
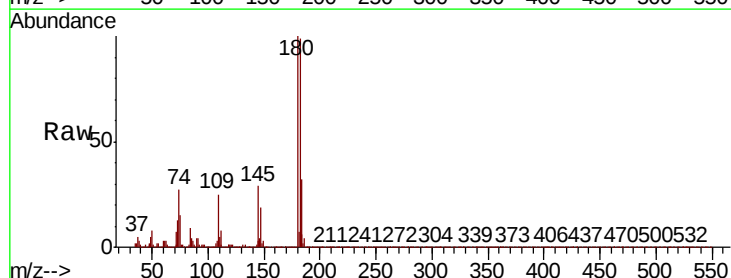
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

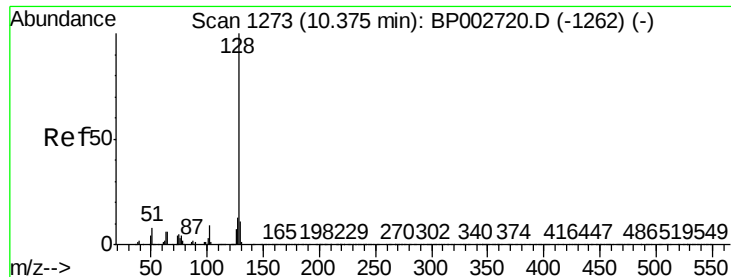
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.1	84.1
98	36.8	18.0	58.0



#30
1,2,4-Trichlorobenzene
Concen: 40.639 ng
RT: 10.17 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	77.0	115.6
145	29.0	22.7	34.1

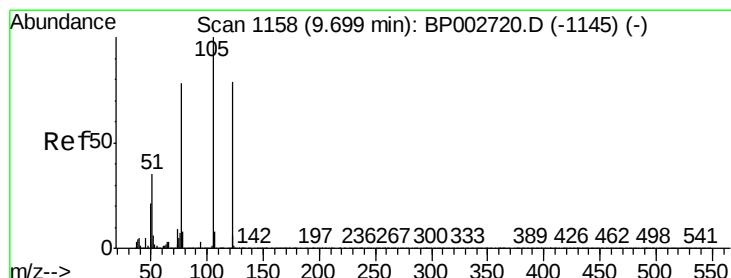
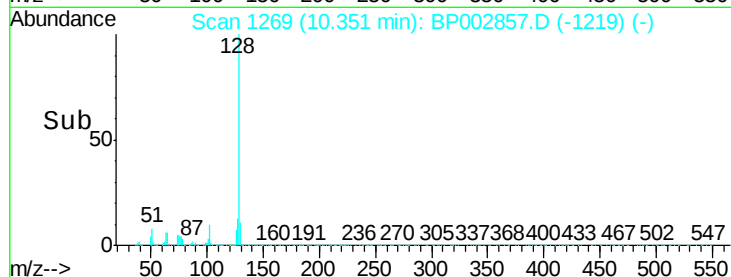
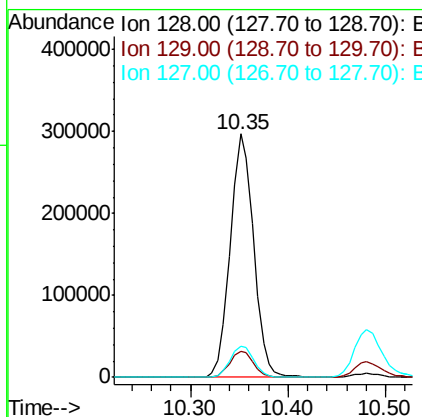
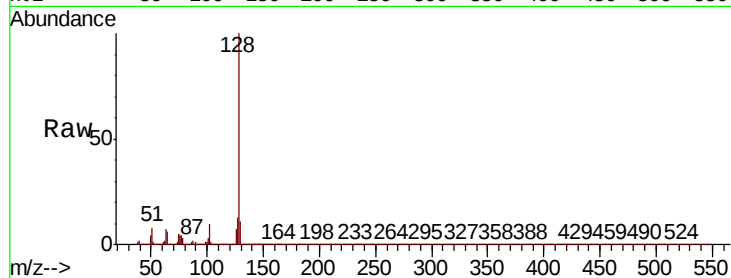




#31
Naphthalene
Concen: 43.615 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

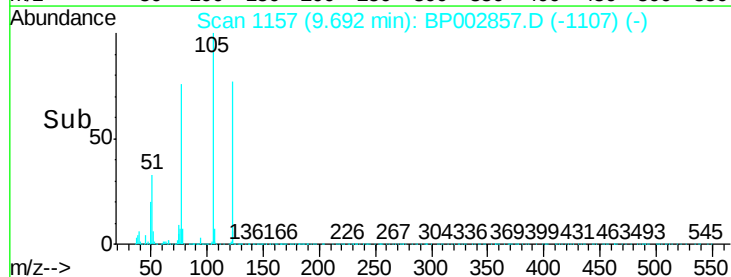
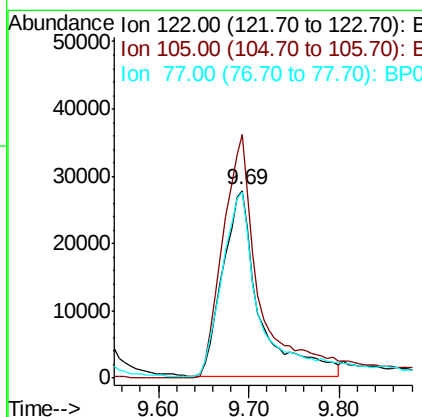
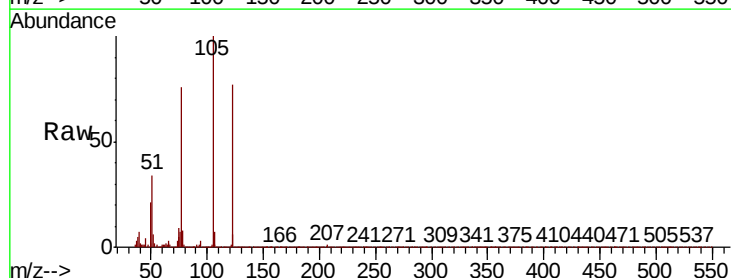
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

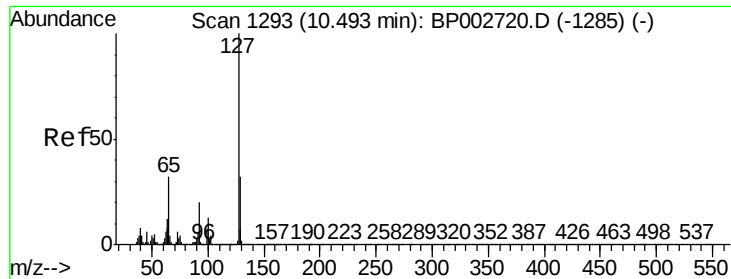
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	12.7	10.6	15.8



#32
Benzoic acid
Concen: 35.484 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.9	101.9	141.9
77	98.9	78.0	118.0

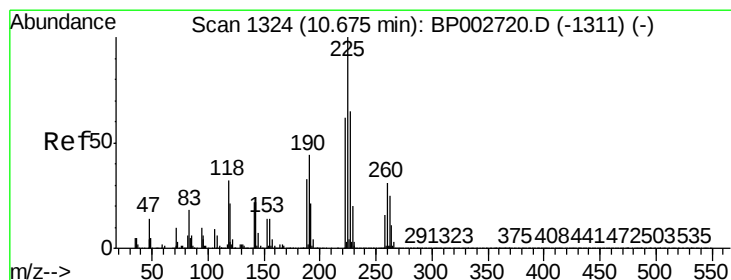
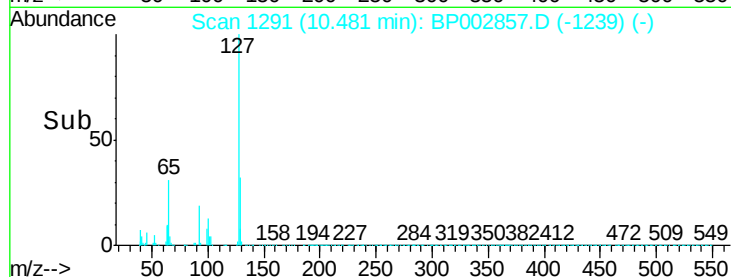
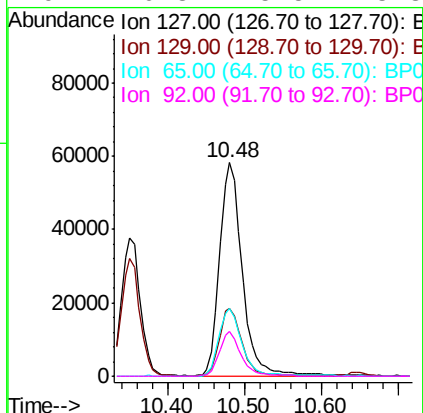
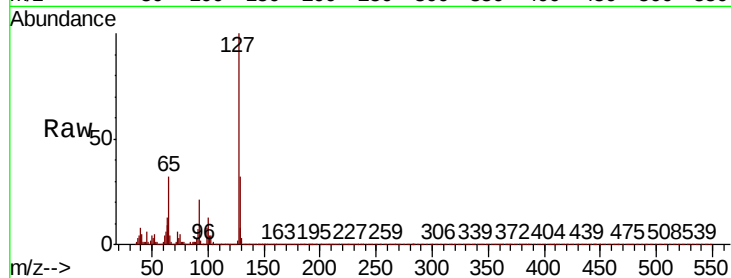




#33
4-Chloroaniline
Concen: 24.346 ng
RT: 10.48 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

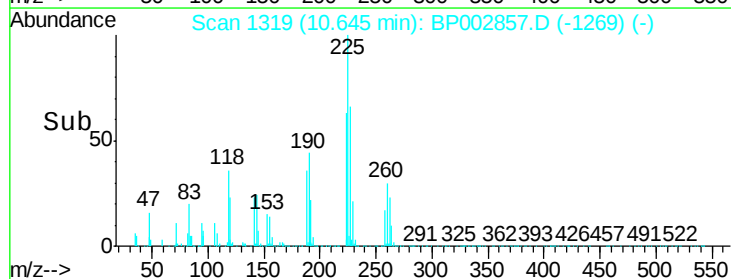
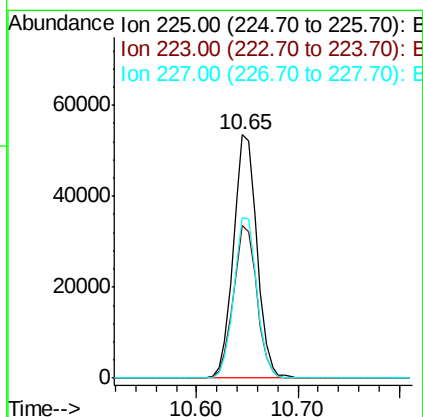
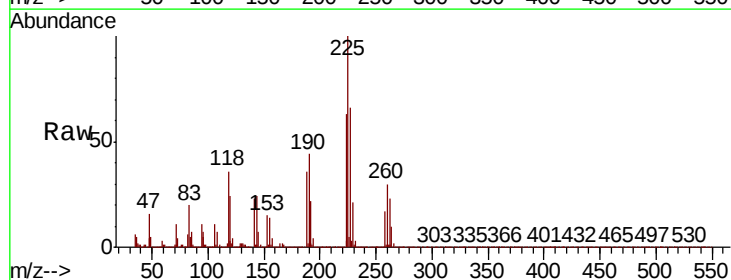
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

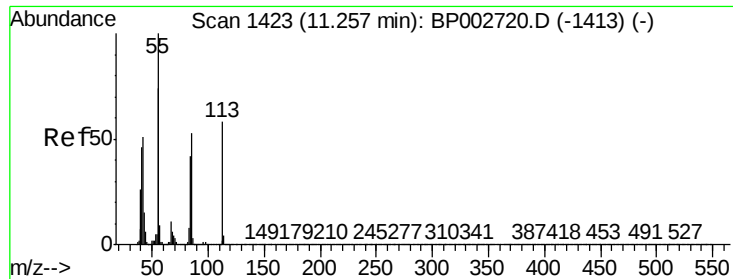
Tot Ion:	127	Resp:	118369
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.4	38.2
65	31.6	25.4	38.0
92	20.8	15.5	23.3



#34
Hexachlorobutadiene
Concen: 38.687 ng
RT: 10.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:	225	Resp:	86169
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.0	73.6
227	65.6	56.6	85.0

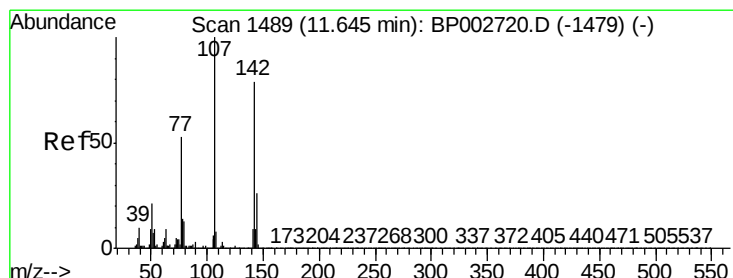
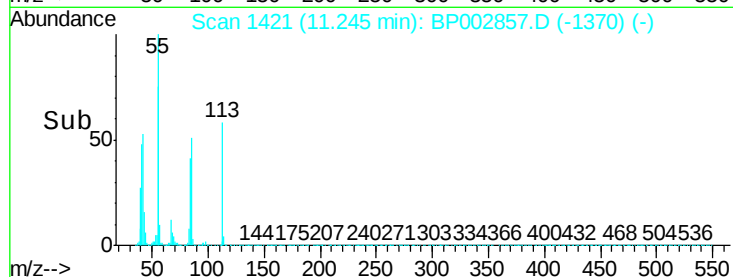
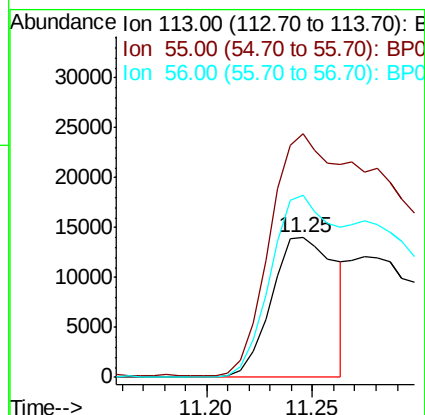
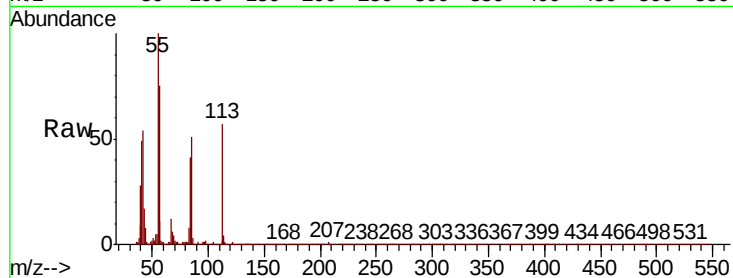




#35
Caprolactam
Concen: 25.095 ng
RT: 11.25 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

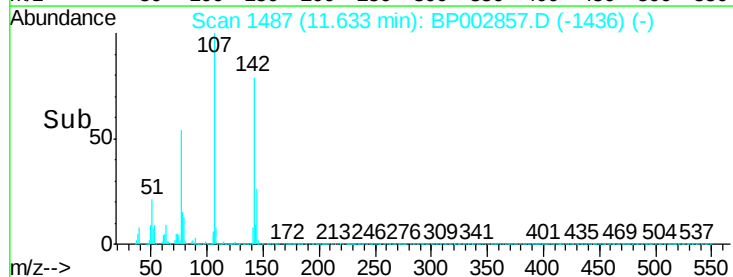
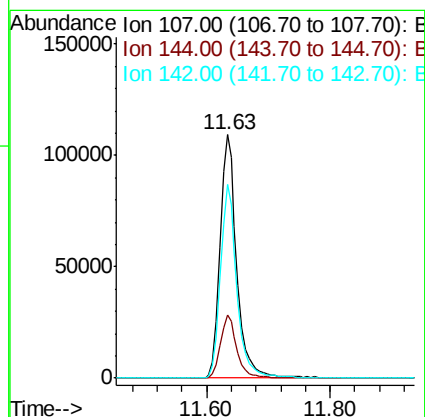
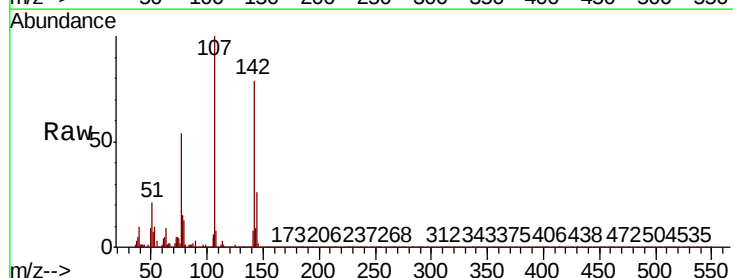
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

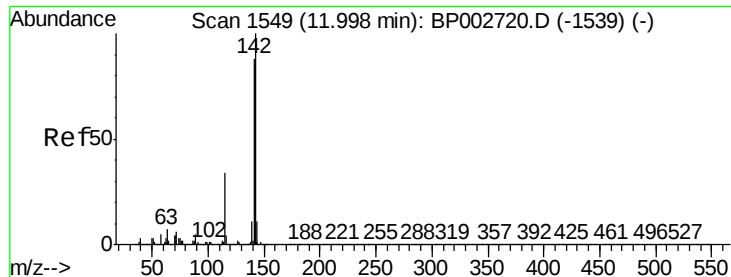
Tot Ion:113 Resp: 29520
Ion Ratio Lower Upper
113 100
55 174.2 155.6 195.6
56 129.9 111.2 151.2



#36
4-Chloro-3-methylphenol
Concen: 56.093 ng
RT: 11.63 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:107 Resp: 203420
Ion Ratio Lower Upper
107 100
144 26.0 20.2 30.2
142 79.3 61.4 92.2

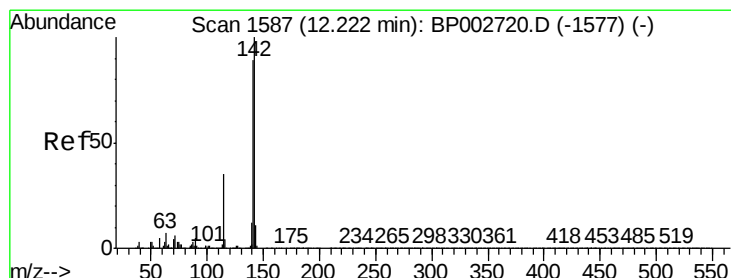
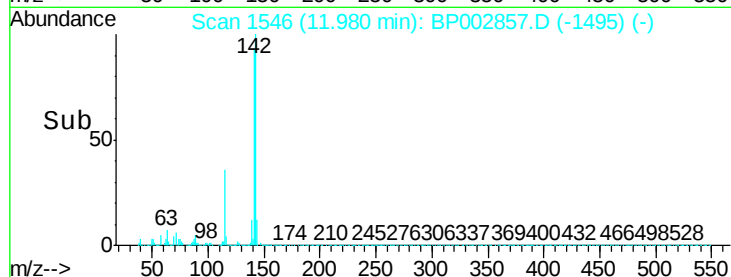
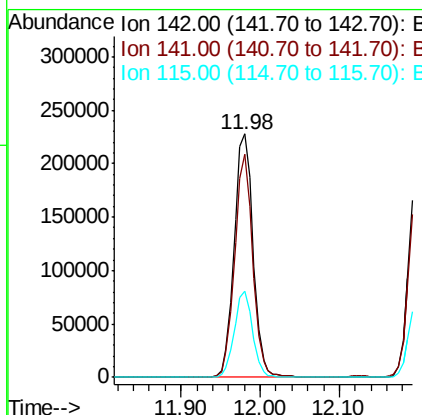
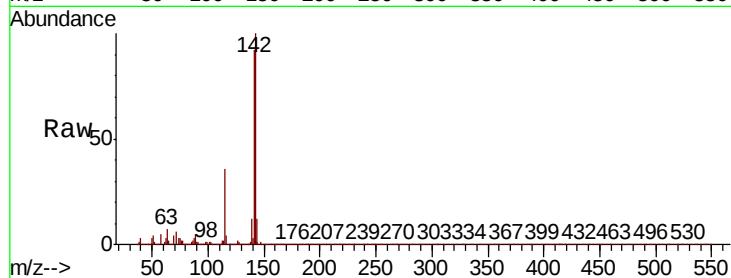




#37
2-Methylnaphthalene
Concen: 47.055 ng
RT: 11.98 min Scan# 1546
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

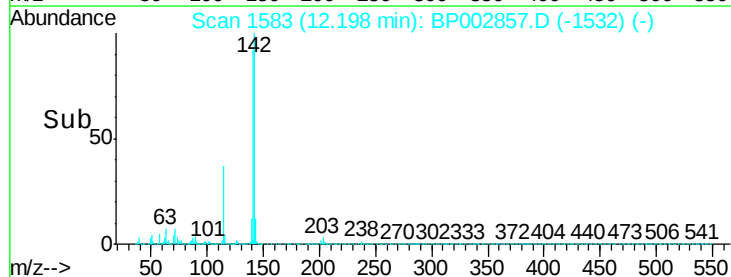
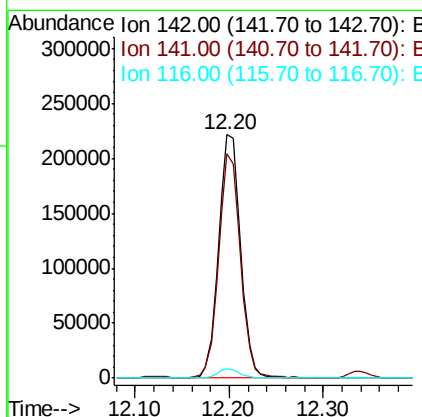
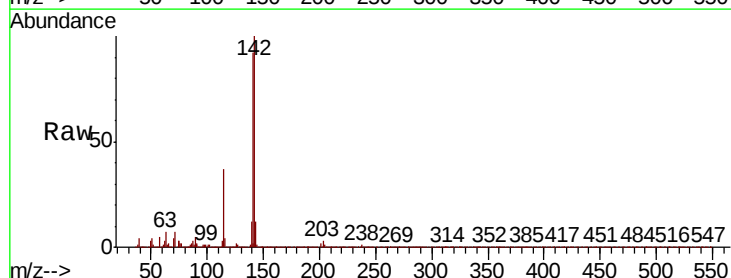
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

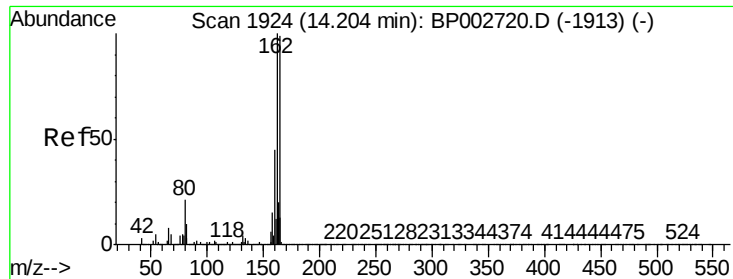
Tot Ion:142 Resp: 376760
Ion Ratio Lower Upper
142 100
141 91.7 67.4 101.0
115 35.6 27.5 41.3



#38
1-Methylnaphthalene
Concen: 47.582 ng
RT: 12.20 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:142 Resp: 360341
Ion Ratio Lower Upper
142 100
141 92.0 70.9 106.3
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

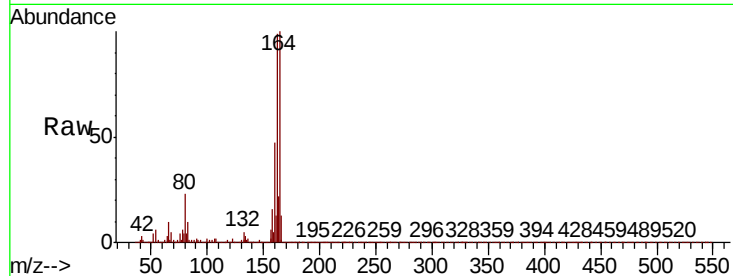
Tot Ion:164 Resp: 157167

Ion Ratio Lower Upper

164 100

162 99.2 78.4 117.6

160 46.6 36.1 54.1

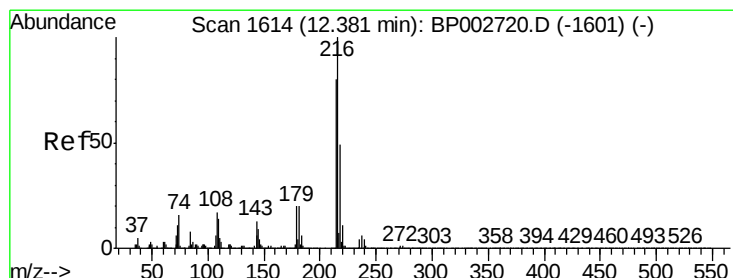
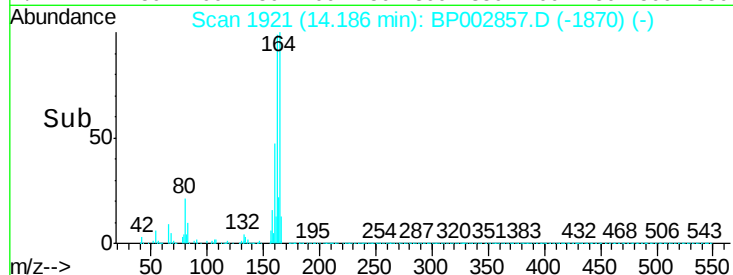
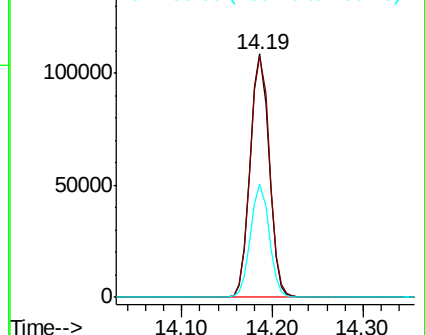


Abundance

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: 39.381 ng

RT: 12.36 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Tgt Ion:216 Resp: 190216

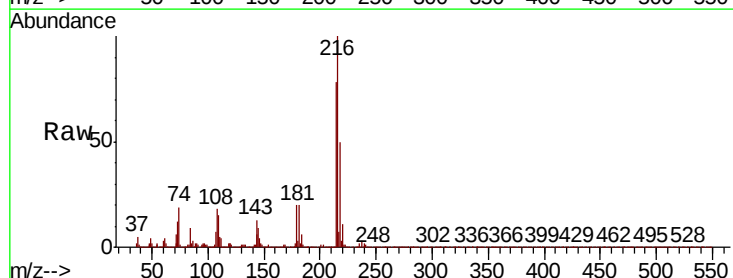
Ion Ratio Lower Upper

216 100

214 78.8 62.8 94.2

179 20.3 16.4 24.6

108 19.0 14.9 22.3



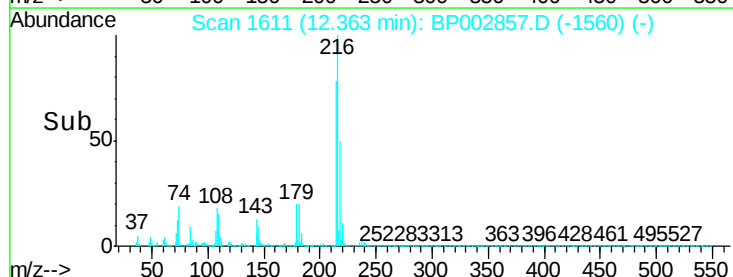
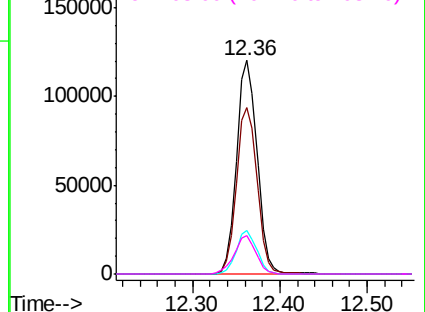
Abundance

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: 39.271 ng

RT: 12.34 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

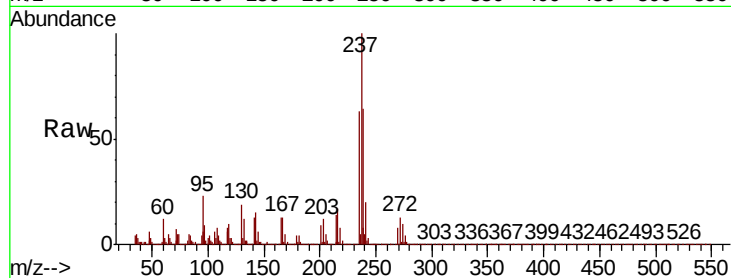
Tot Ion:237 Resp: 75095

Ion Ratio Lower Upper

237 100

235 62.8 40.9 80.9

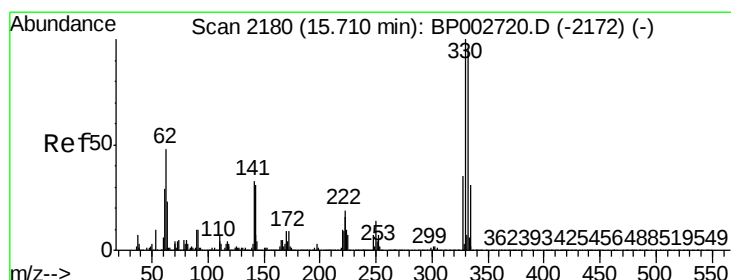
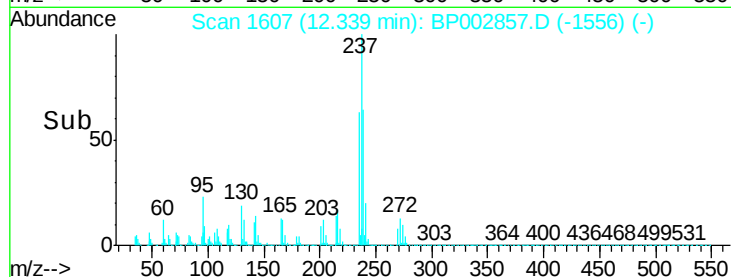
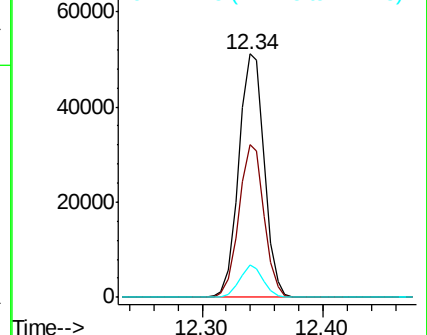
272 13.5 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 149.070 ng

RT: 15.69 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

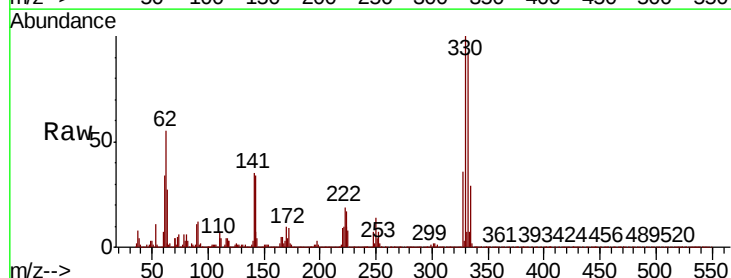
Tgt Ion:330 Resp: 244560

Ion Ratio Lower Upper

330 100

332 94.8 77.6 116.4

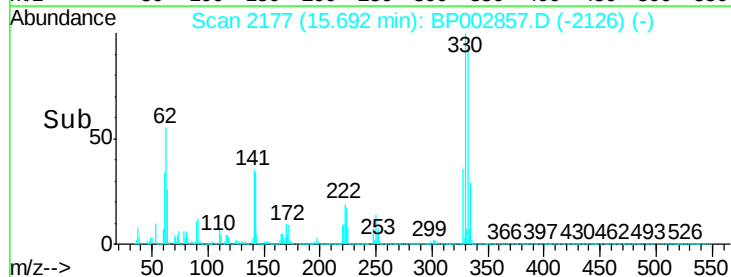
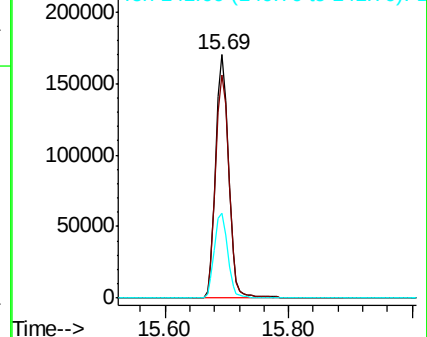
141 36.2 29.0 43.6

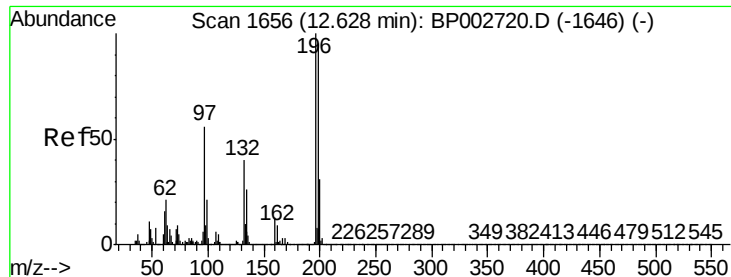


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

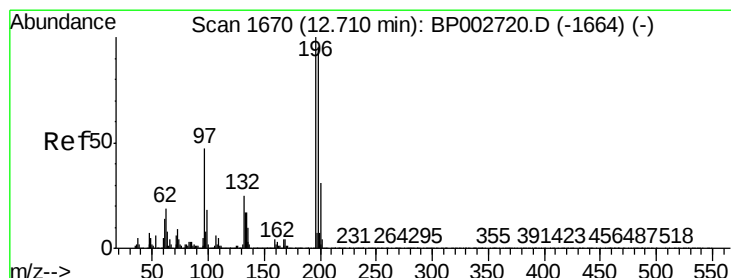
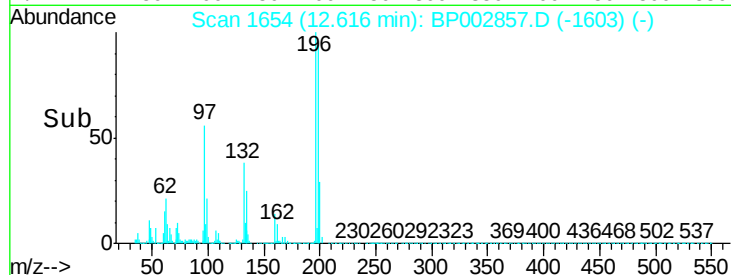
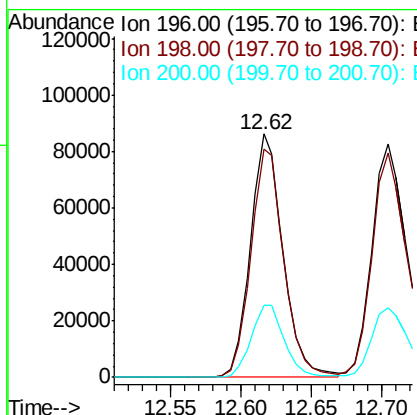
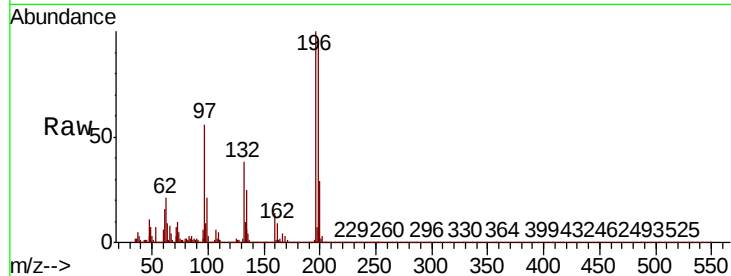




#43
 2,4,6-Trichlorophenol
 Concen: 45.092 ng
 RT: 12.62 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

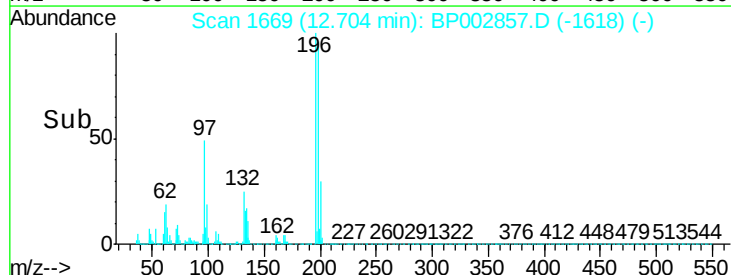
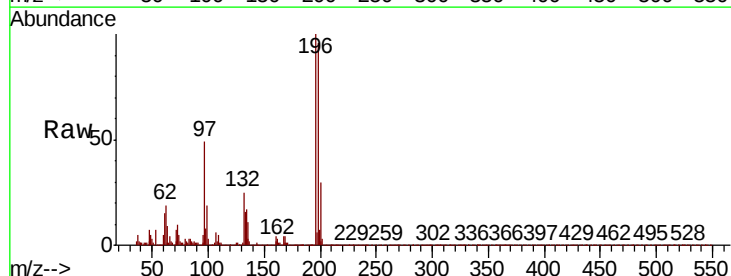
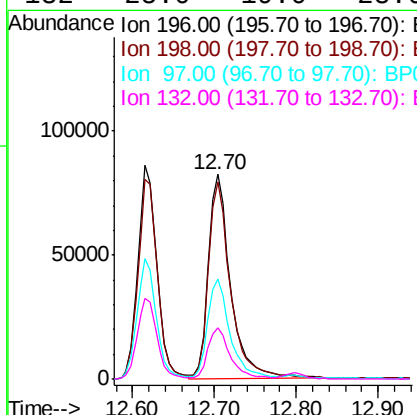
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MSD

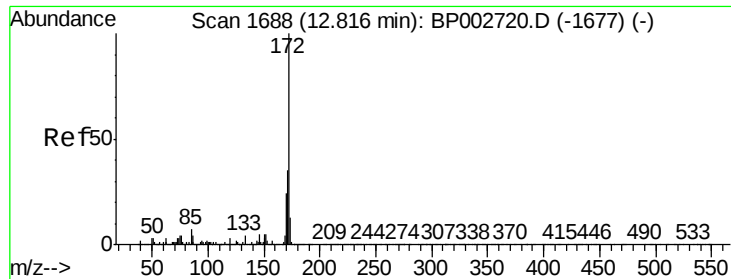
Tot Ion	196	Resp	139412
Ion Ratio	Lower	Upper	
196	100		
198	93.7	79.3	118.9
200	29.5	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.401 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

Tgt Ion	196	Resp	155633
Ion Ratio	Lower	Upper	
196	100		
198	96.1	74.9	112.3
97	48.7	38.6	57.8
132	25.0	19.0	28.6

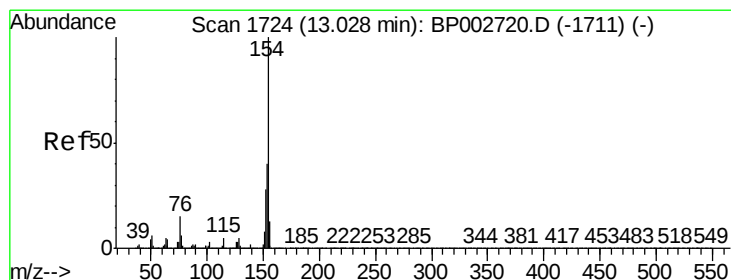
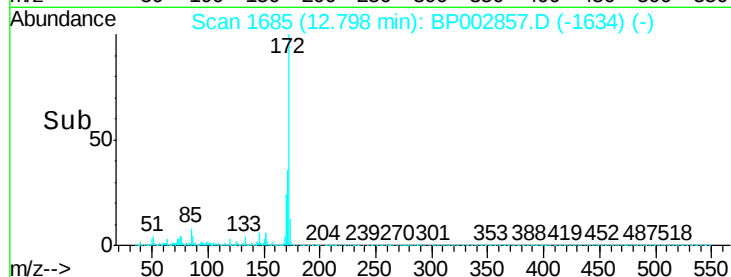
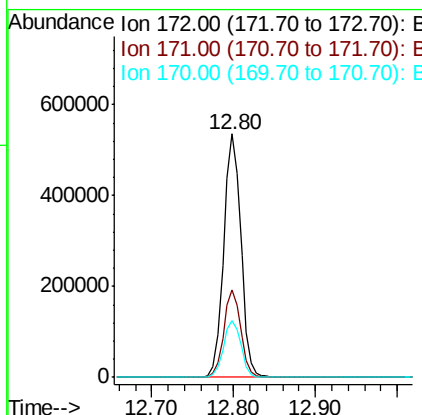
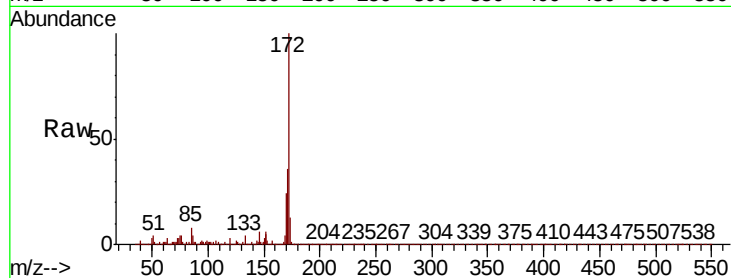




#45
2-Fluorobiphenyl
Concen: 77.161 ng
RT: 12.80 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

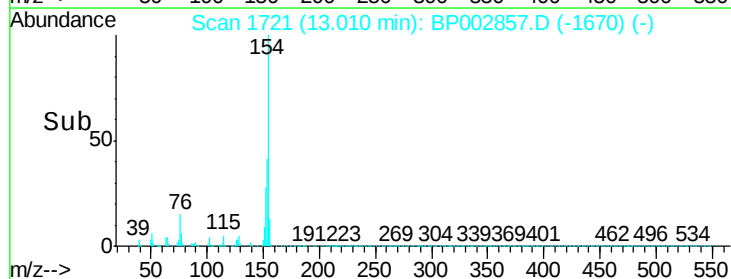
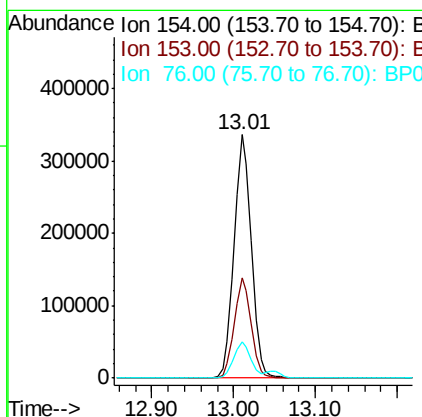
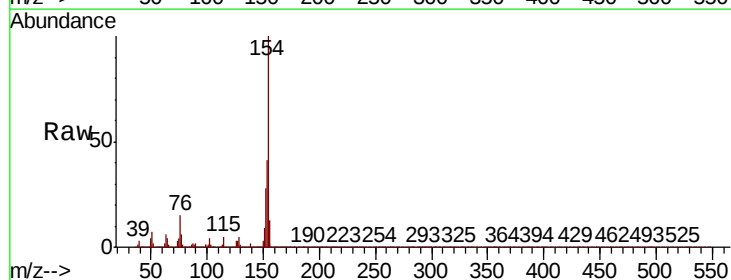
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

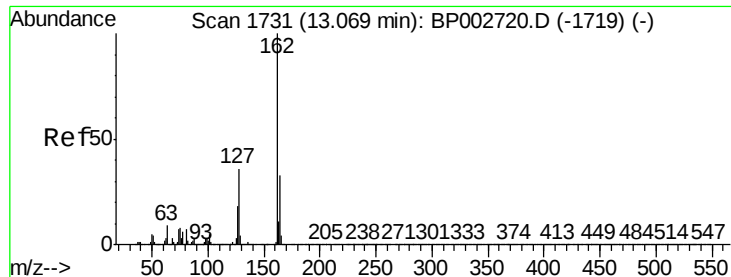
Tot Ion:172 Resp: 783925
Ion Ratio Lower Upper
172 100
171 36.2 27.0 40.4
170 23.5 19.4 29.2



#46
1,1'-Biphenyl
Concen: 42.352 ng
RT: 13.01 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:154 Resp: 496240
Ion Ratio Lower Upper
154 100
153 41.2 18.5 58.5
76 14.8 0.0 34.4

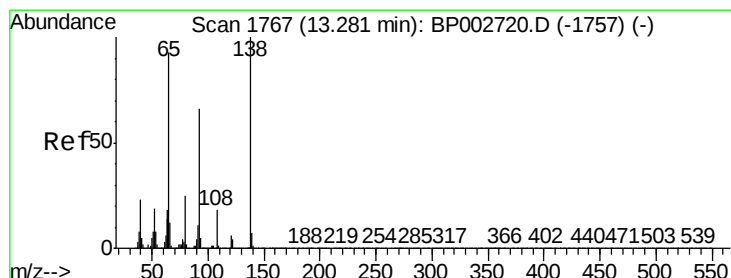
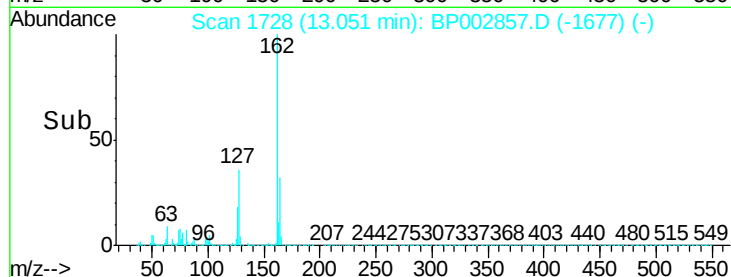
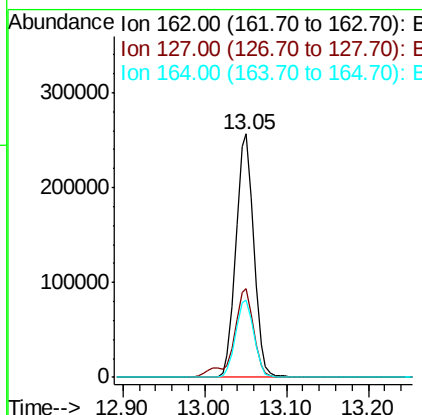
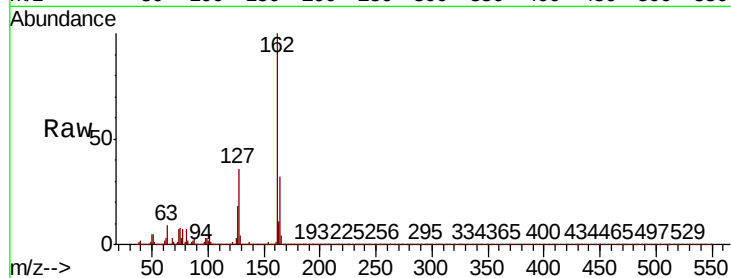




#47
2-Chloronaphthalene
Concen: 41.157 ng
RT: 13.05 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

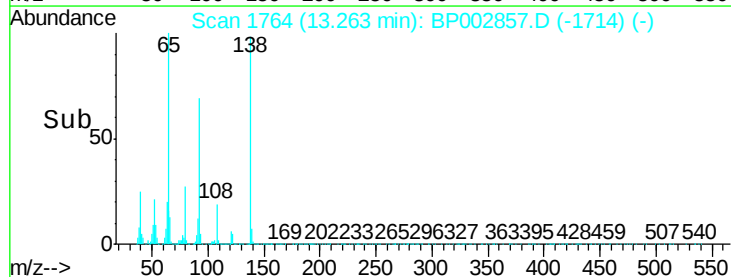
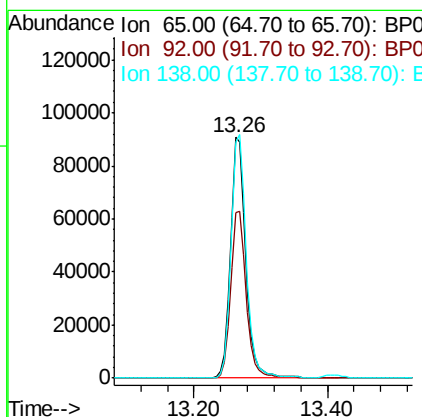
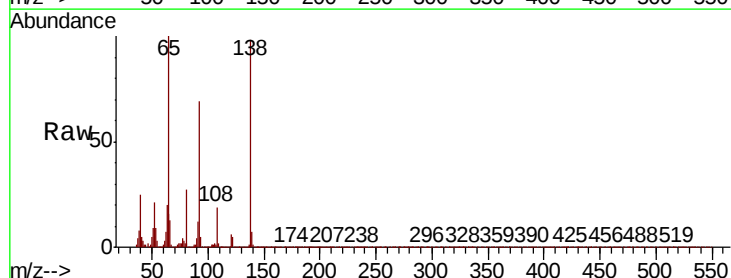
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

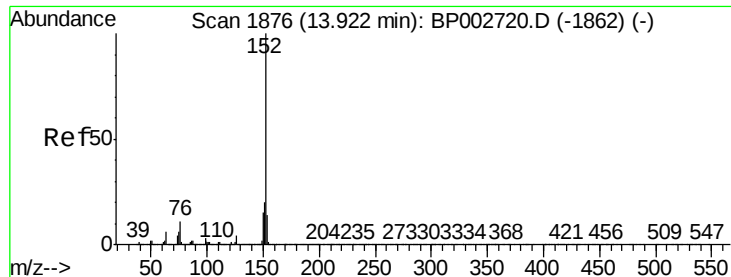
Tot Ion:162 Resp: 391689
Ion Ratio Lower Upper
162 100
127 36.2 30.9 46.3
164 31.7 26.8 40.2



#48
2-Nitroaniline
Concen: 50.139 ng
RT: 13.26 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion: 65 Resp: 147498
Ion Ratio Lower Upper
65 100
92 68.6 55.5 83.3
138 98.2 80.0 120.0





#49

Acenaphthylene

Concen: 45.442 ng

RT: 13.90 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

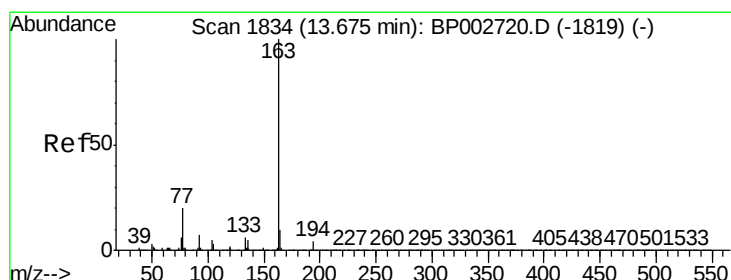
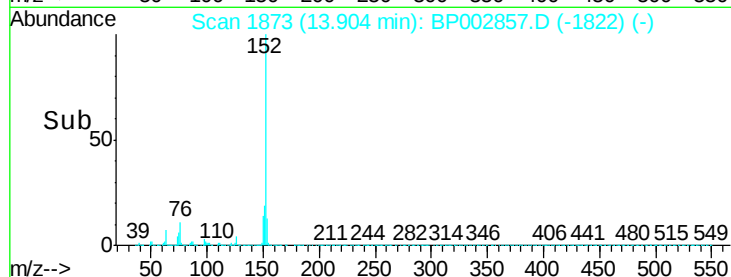
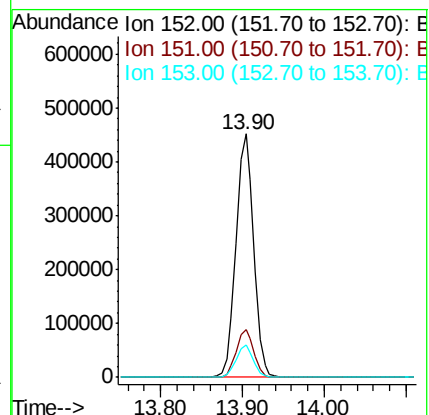
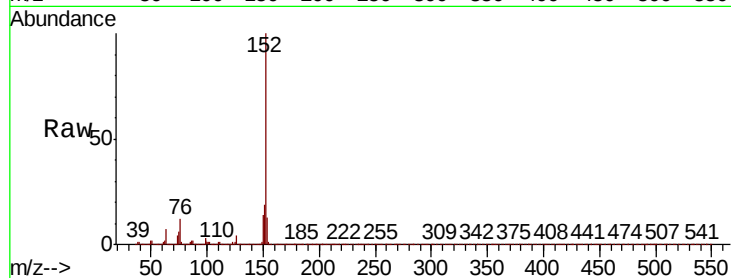
Tot Ion:152 Resp: 681765

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.2	10.6	15.8

152 100

151 19.5 15.9 23.9

153 13.2 10.6 15.8



#50

Dimethylphthalate

Concen: 56.884 ng

RT: 13.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

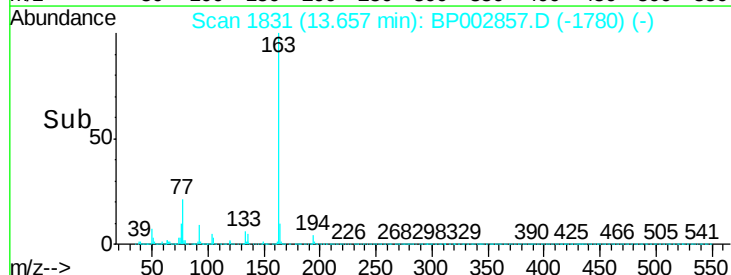
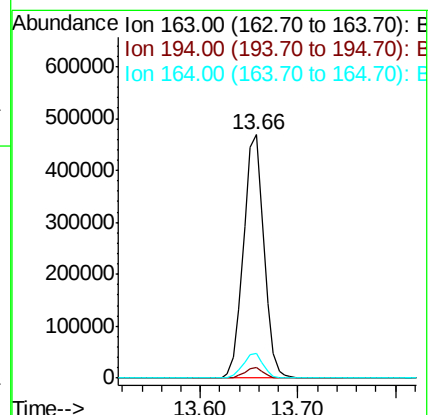
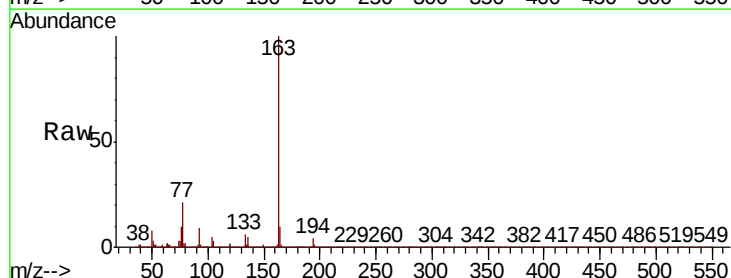
Tgt Ion:163 Resp: 681821

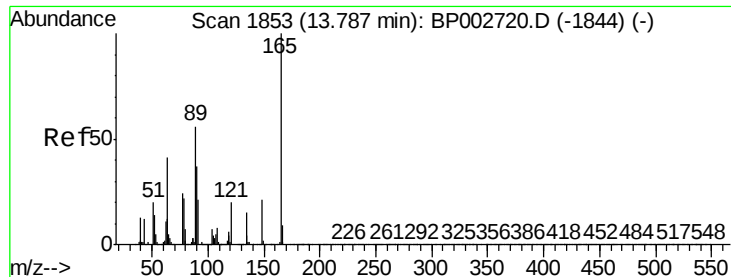
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.1	8.2	12.2

163 100

194 4.2 3.5 5.3

164 10.1 8.2 12.2

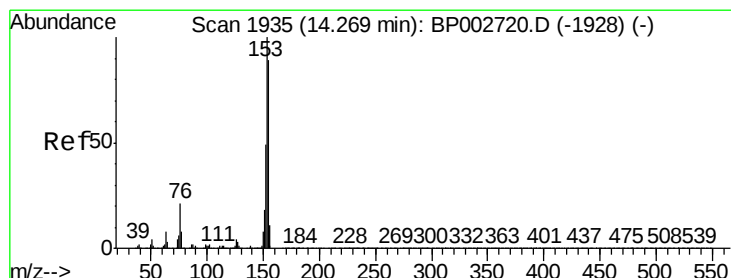
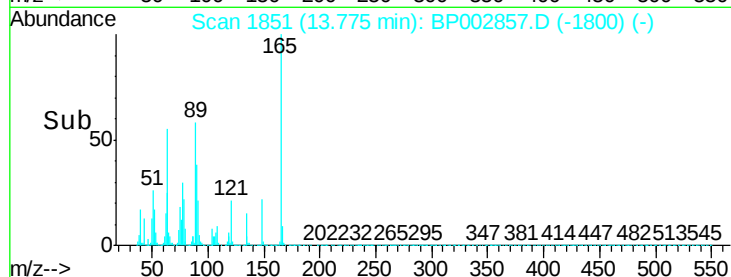
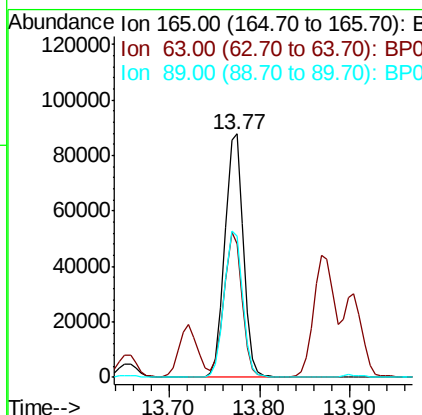
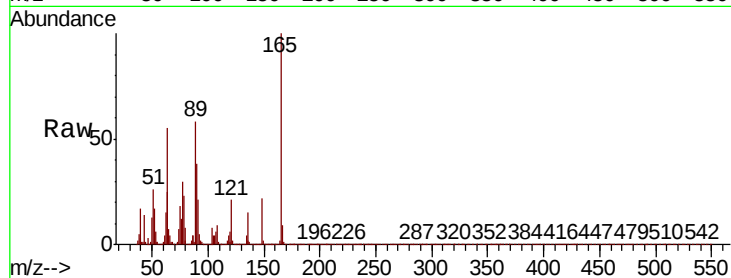




#51
2,6-Dinitrotoluene
Concen: 48.008 ng
RT: 13.77 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

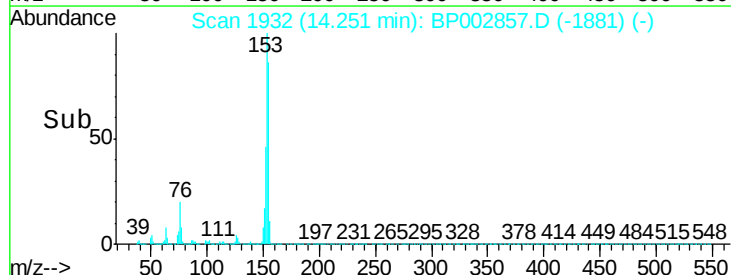
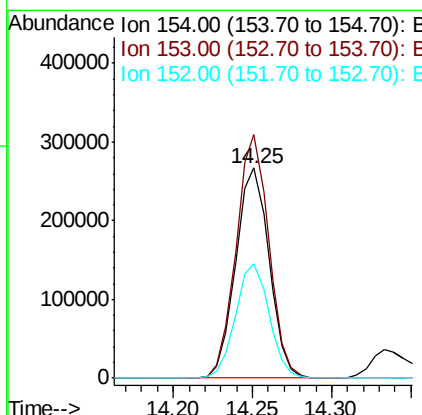
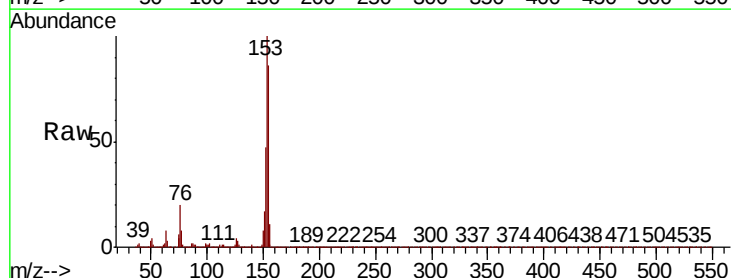
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

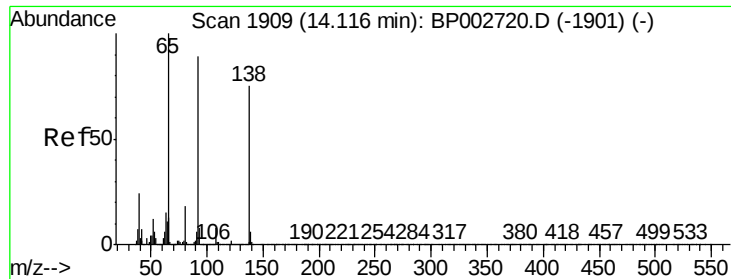
Tot Ion	Ratio	Lower	Upper
165	100		
63	55.1	45.9	68.9
89	57.9	47.2	70.8



#52
Acenaphthene
Concen: 43.556 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.8	91.9	137.9
152	54.3	44.1	66.1

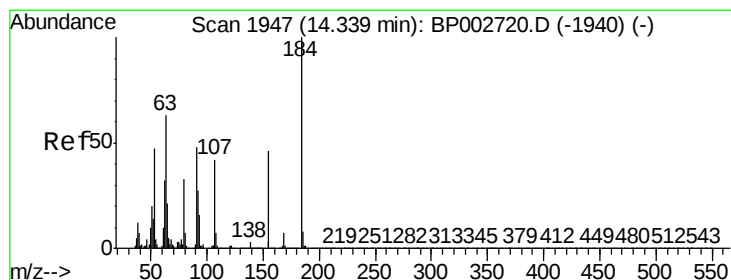
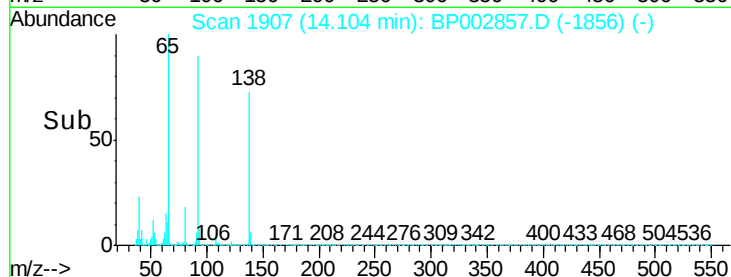
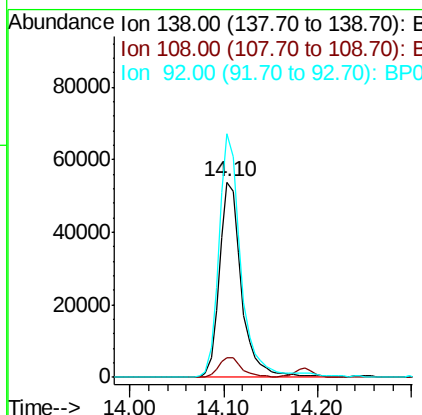
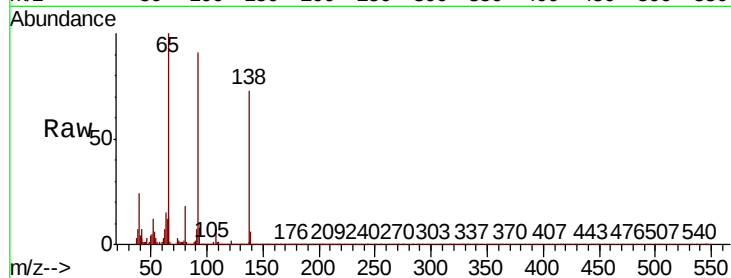




#53
3-Nitroaniline
Concen: 30.622 ng
RT: 14.10 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

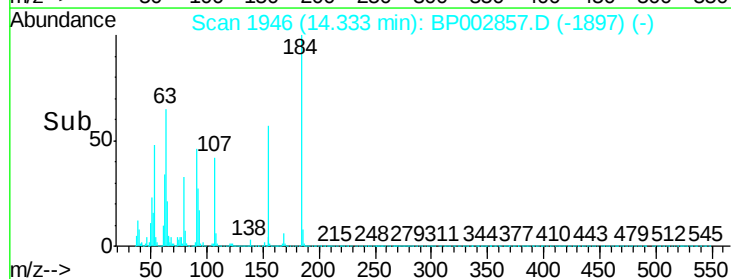
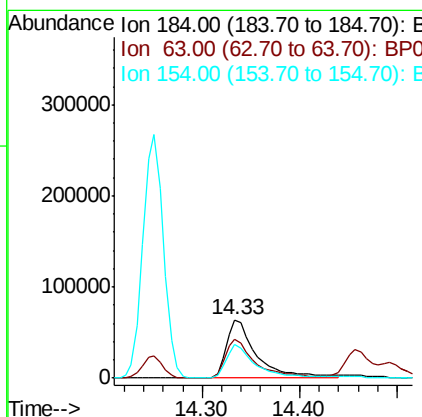
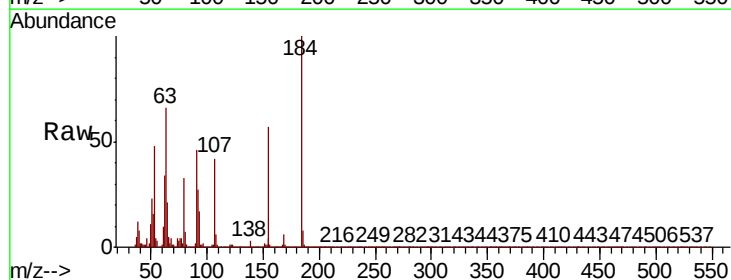
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

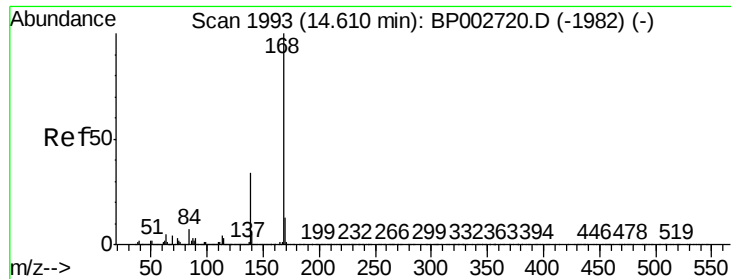
Tot Ion:138 Resp: 87915
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 124.9 99.3 148.9



#54
2,4-Dinitrophenol
Concen: 93.958 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:184 Resp: 137805
Ion Ratio Lower Upper
184 100
63 65.7 55.4 83.0
154 56.9 47.5 71.3

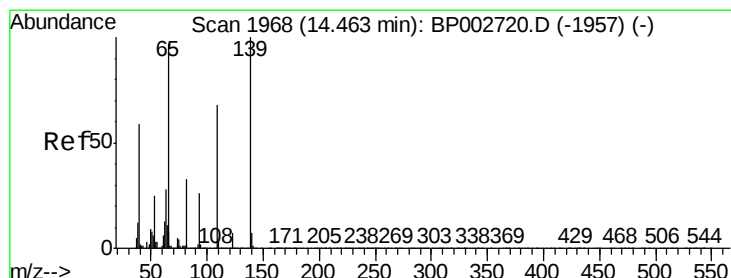
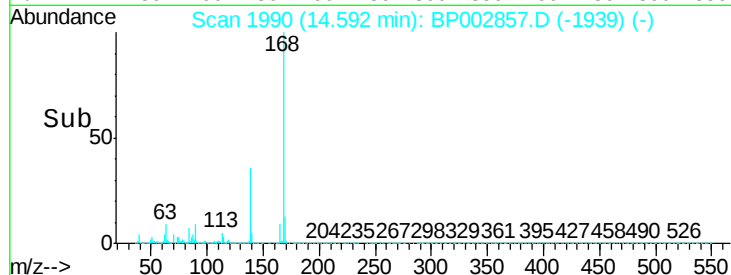
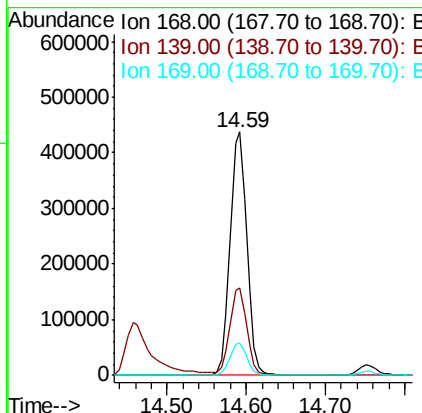
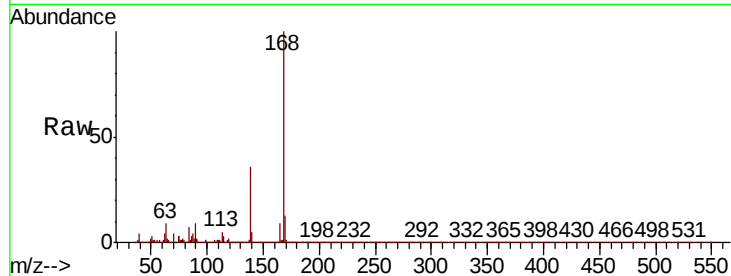




#55
 Dibenzofuran
 Concen: 44.352 ng
 RT: 14.59 min Scan# 1990
 Delta R.T. -0.00 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

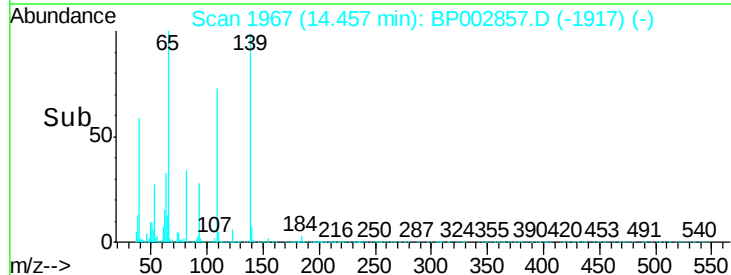
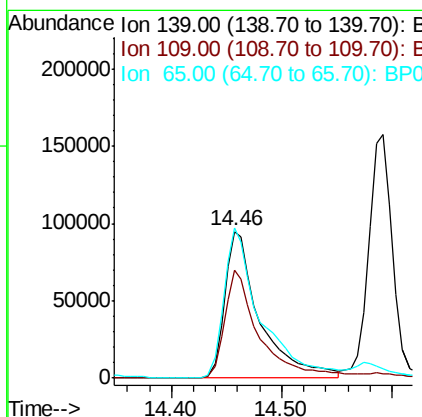
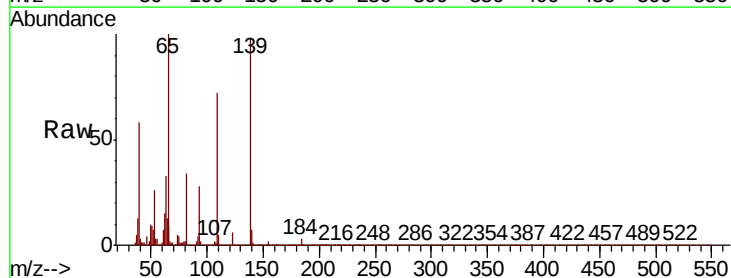
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MSD

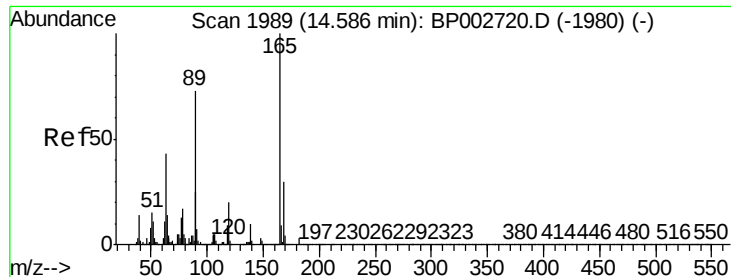
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	29.0	43.6
169	13.4	10.9	16.3



#56
 4-Nitrophenol
 Concen: 90.929 ng
 RT: 14.46 min Scan# 1967
 Delta R.T. -0.01 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.7	55.2	95.2
65	102.1	84.7	124.7

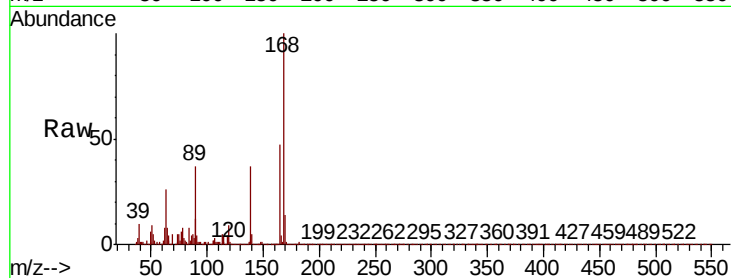




#57
2,4-Dinitrotoluene
Concen: 53.010 ng
RT: 14.58 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.3	45.2	67.8
89	78.9	66.3	99.5
182	2.8	2.2	3.4

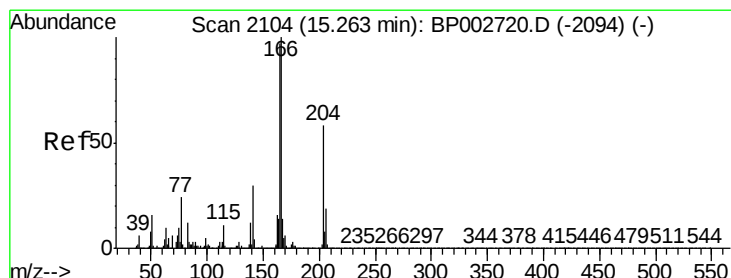
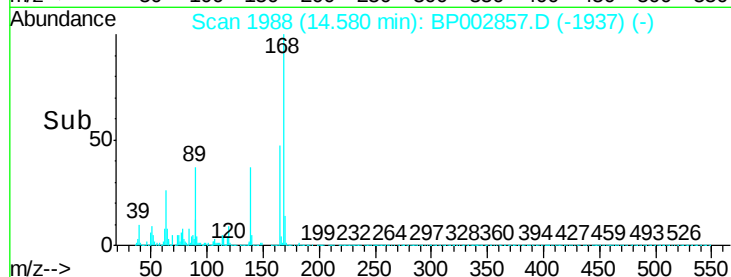
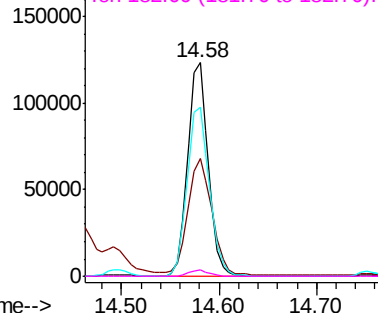


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

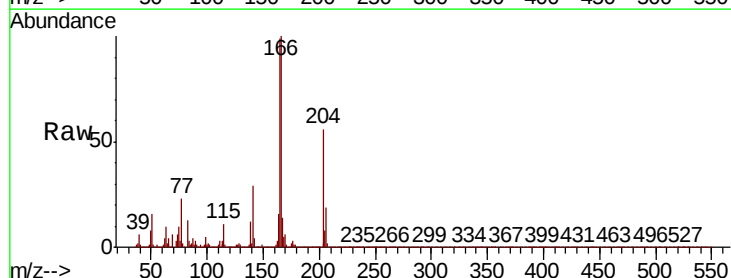
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.880 ng
RT: 15.25 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

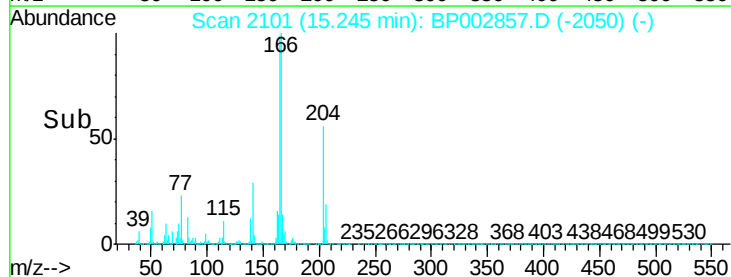
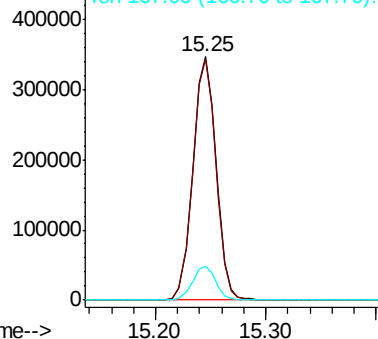
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	75.7	113.5
167	13.7	10.8	16.2

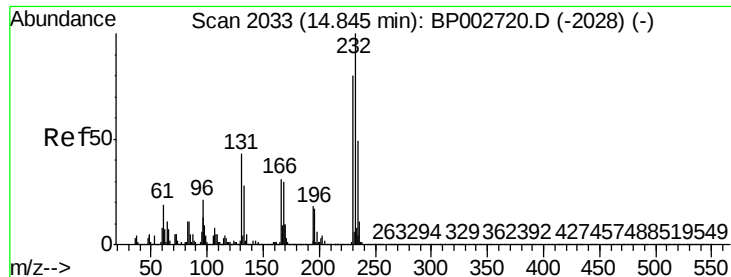


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

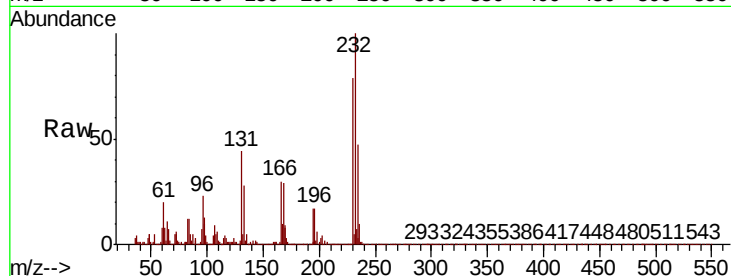




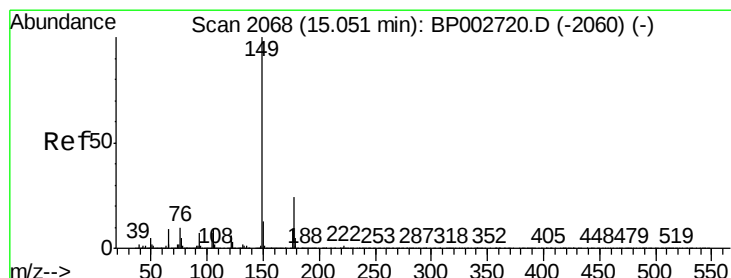
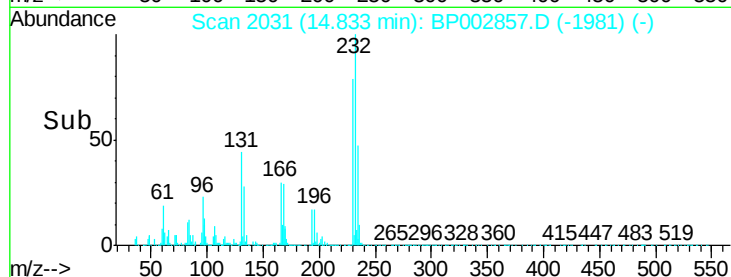
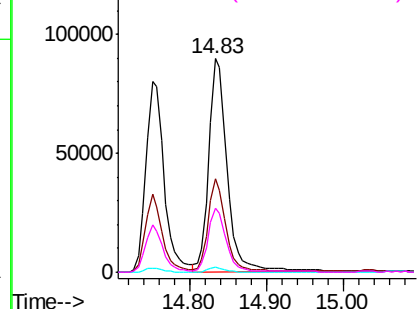
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.778 ng
 RT: 14.83 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MSD

Tot Ion:232	Resp:	146356
Ion Ratio	Lower	Upper
232	100	
131	41.9	34.2 51.2
130	2.2	1.8 2.8
166	29.5	23.4 35.2

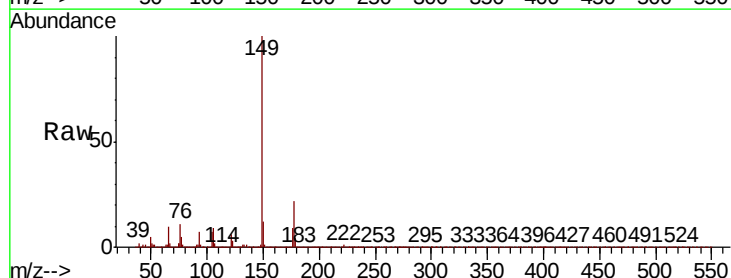


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

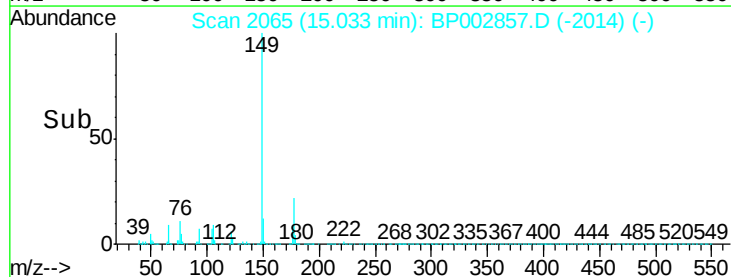
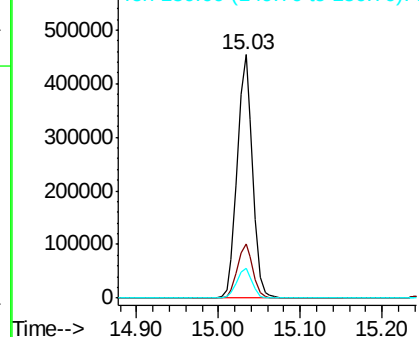


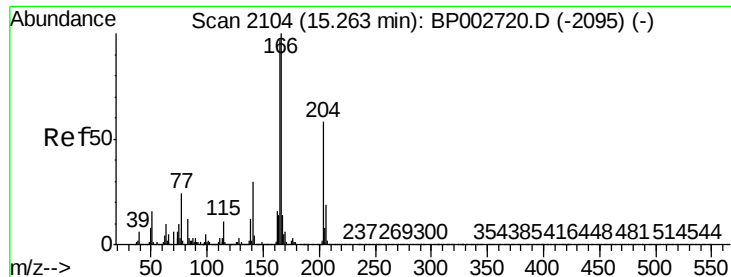
#60
 Diethylphthalate
 Concen: 50.985 ng
 RT: 15.03 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

Tgt Ion:149	Resp:	592510
Ion Ratio	Lower	Upper
149	100	
177	22.3	18.1 27.1
150	12.1	9.9 14.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

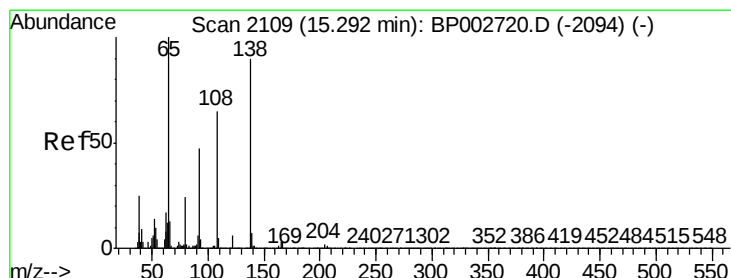
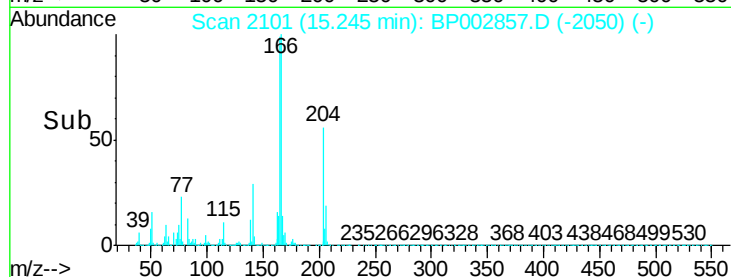
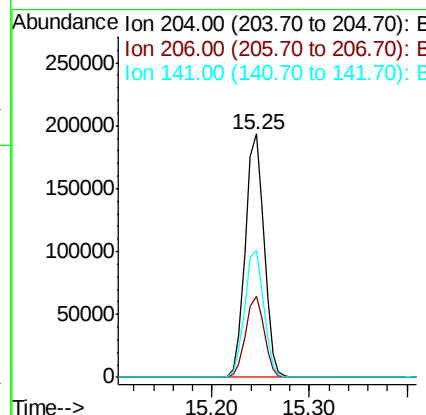
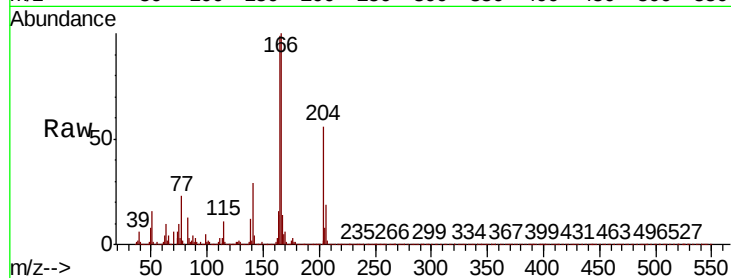




#61
4-Chlorophenyl-phenylether
Concen: 45.969 ng
RT: 15.25 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

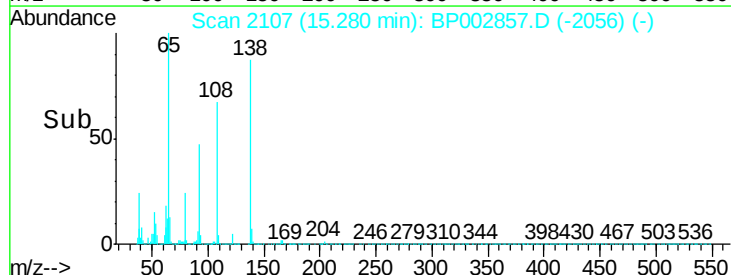
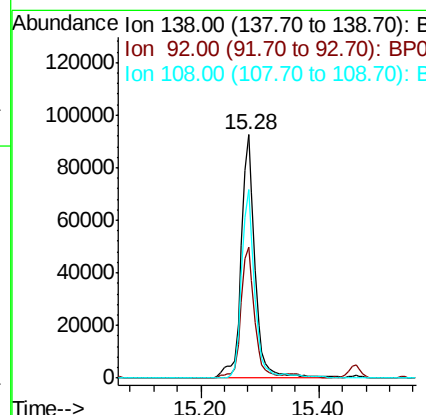
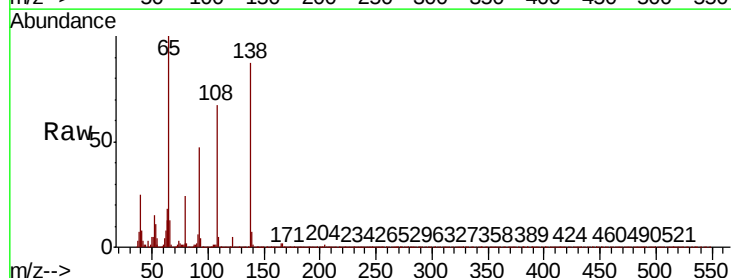
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

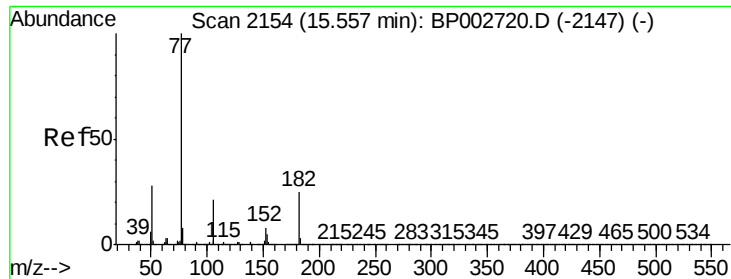
Tot Ion:204 Resp: 259900
Ion Ratio Lower Upper
204 100
206 33.2 25.6 38.4
141 52.2 43.0 64.4



#62
4-Nitroaniline
Concen: 49.996 ng
RT: 15.28 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:138 Resp: 153550
Ion Ratio Lower Upper
138 100
92 53.8 35.1 75.1
108 77.2 54.9 94.9

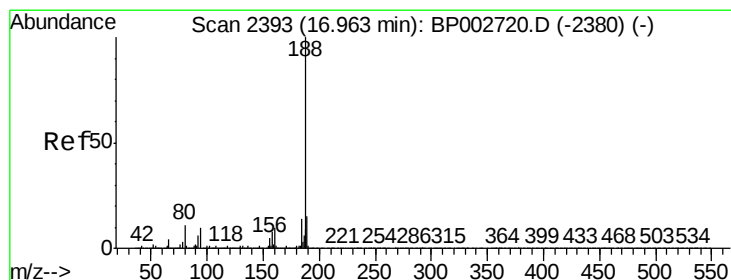
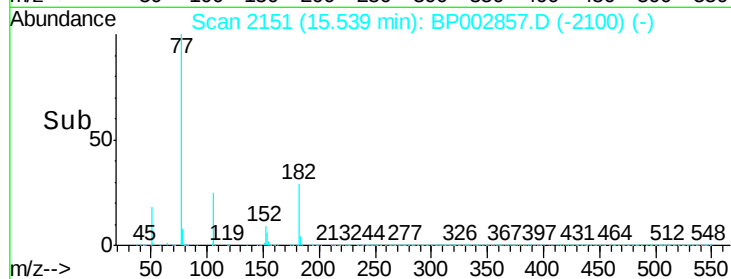
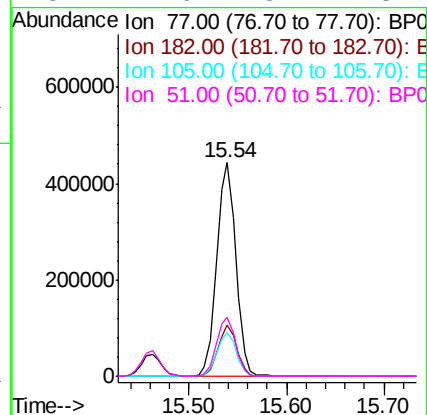
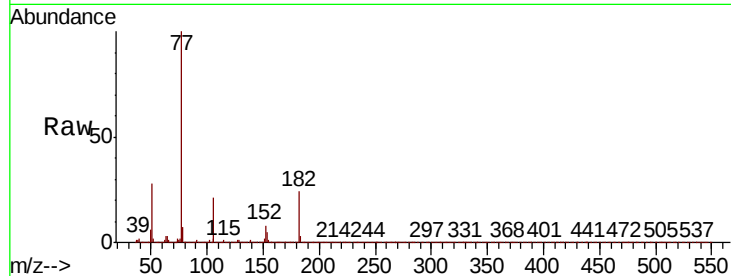




#63
Azobenzene
Concen: 50.160 ng
RT: 15.54 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

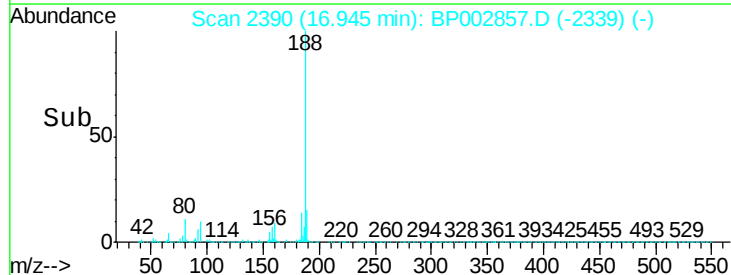
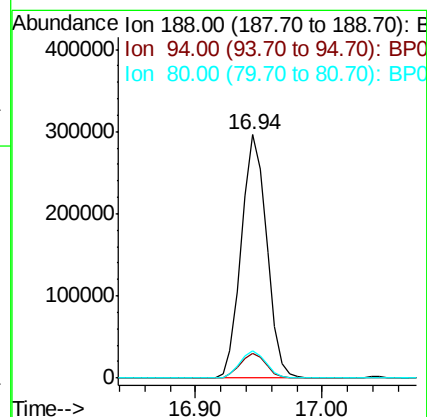
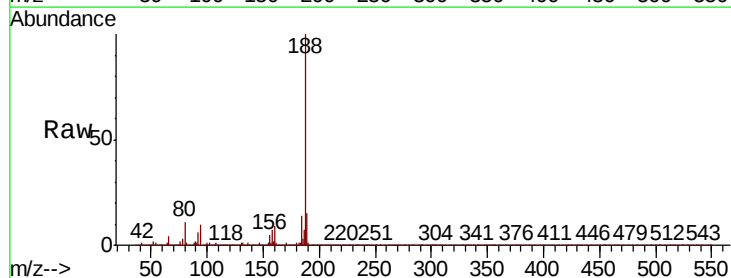
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

Tot Ion:	77	Resp:	599361
Ion	Ratio	Lower	Upper
77	100		
182	23.8	4.7	44.7
105	20.5	0.6	40.6
51	27.6	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:	188	Resp:	409990
Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.3	9.0	13.4

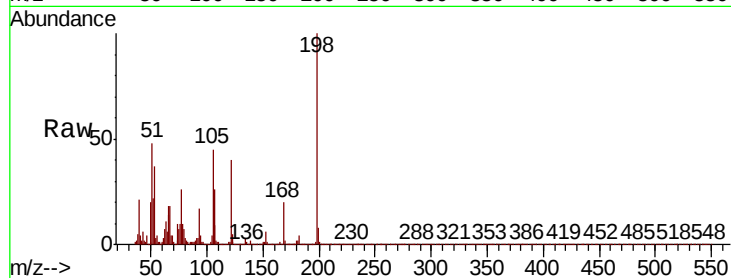




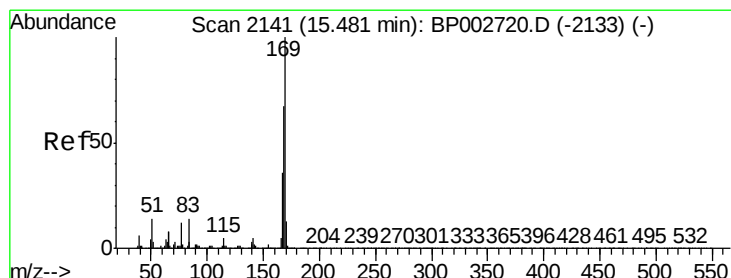
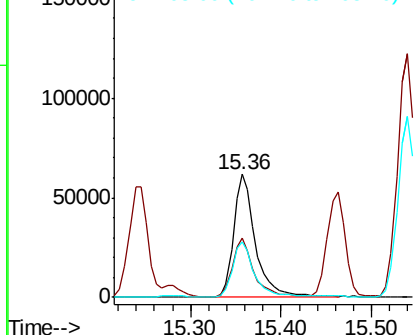
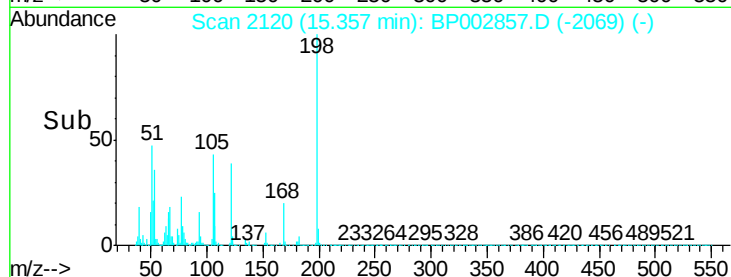
#65
4,6-Dinitro-2-methylphenol
Concen: 43.154 ng
RT: 15.36 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

Tot Ion:198 Resp: 104290
Ion Ratio Lower Upper
198 100
51 48.2 25.1 65.1
105 45.5 24.6 64.6

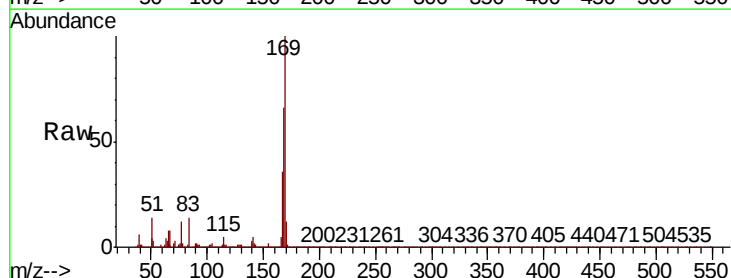


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP
Ion 105.00 (104.70 to 105.70): E

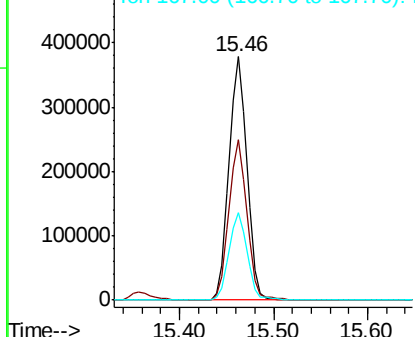
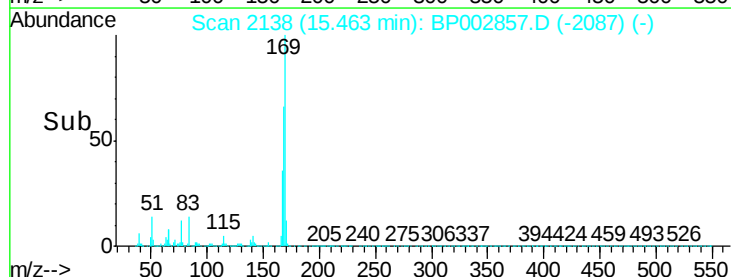


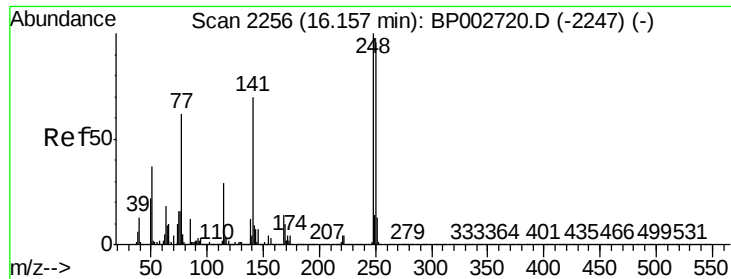
#66
n-Nitrosodiphenylamine
Concen: 41.465 ng
RT: 15.46 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:169 Resp: 502192
Ion Ratio Lower Upper
169 100
168 66.0 50.2 75.4
167 35.7 28.6 42.8



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

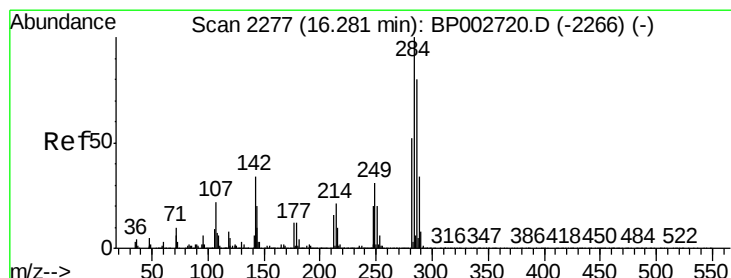
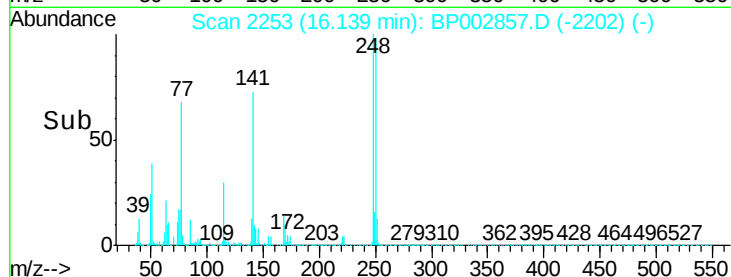
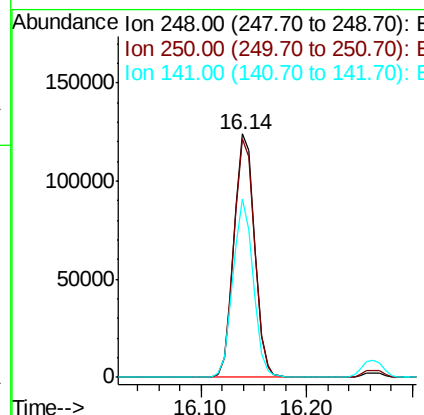
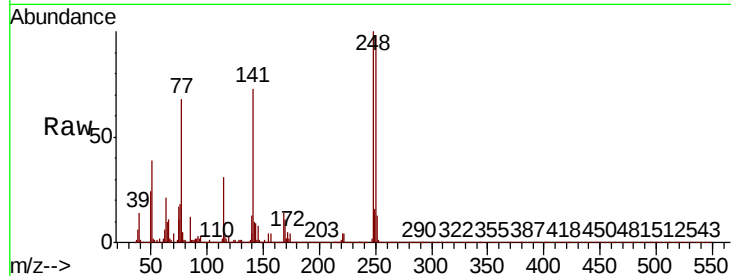




#67
4-Bromophenyl-phenylether
Concen: 37.204 ng
RT: 16.14 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

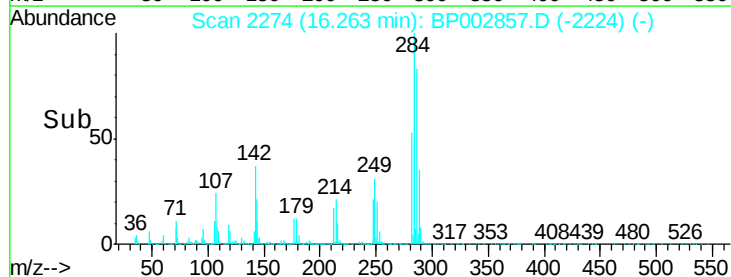
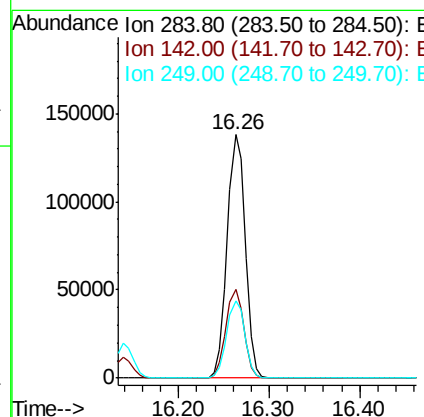
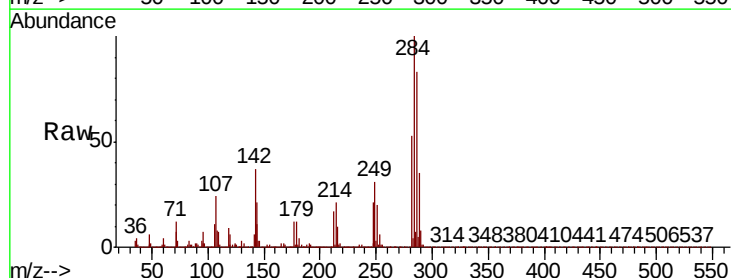
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

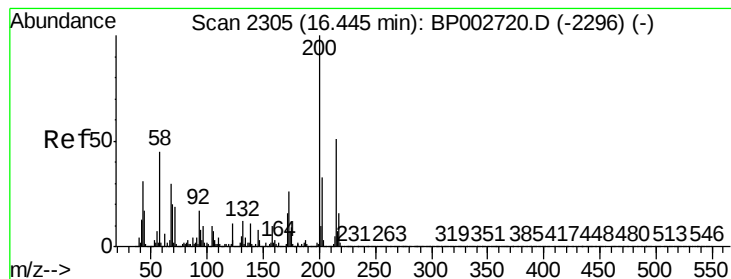
Tot Ion:248 Resp: 166155
Ion Ratio Lower Upper
248 100
250 97.8 78.0 117.0
141 73.1 56.6 84.8



#68
Hexachlorobenzene
Concen: 40.431 ng
RT: 16.26 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:284 Resp: 190243
Ion Ratio Lower Upper
284 100
142 36.6 26.2 39.2
249 31.5 23.5 35.3





#69

Atrazine

Concen: 52.958 ng

RT: 16.43 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

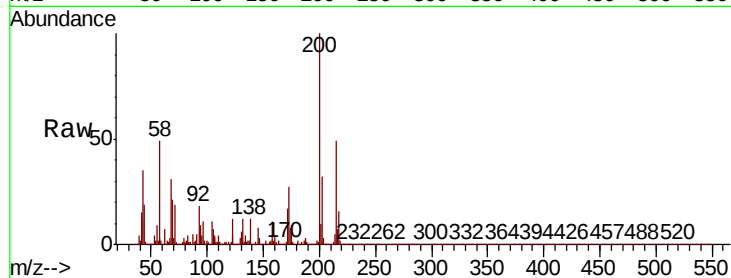
Tot Ion:200 Resp: 175099

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

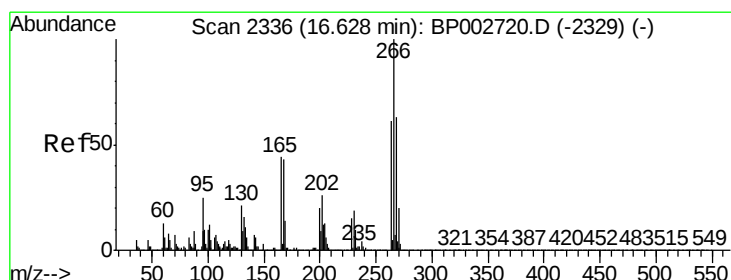
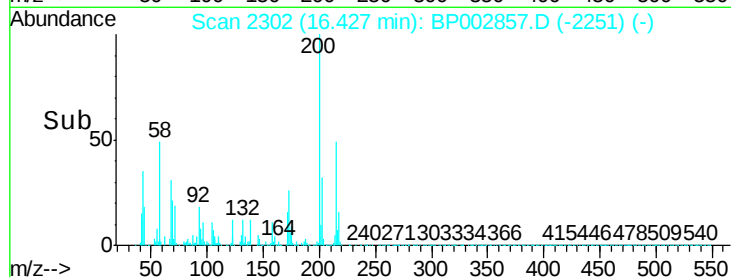
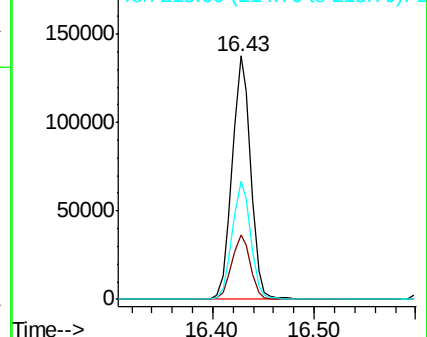
215 48.7 28.5 68.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 85.737 ng

RT: 16.62 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

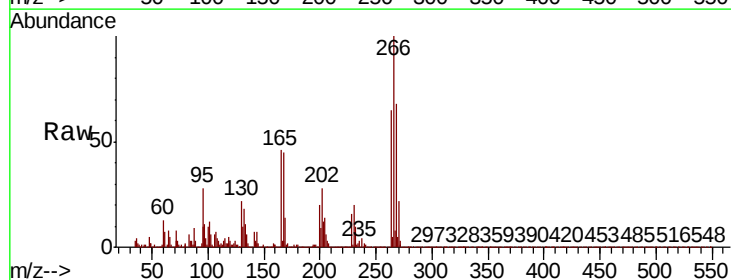
Tgt Ion:266 Resp: 196460

Ion Ratio Lower Upper

266 100

268 67.9 51.2 76.8

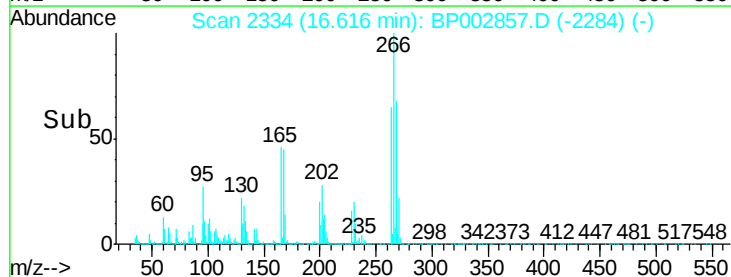
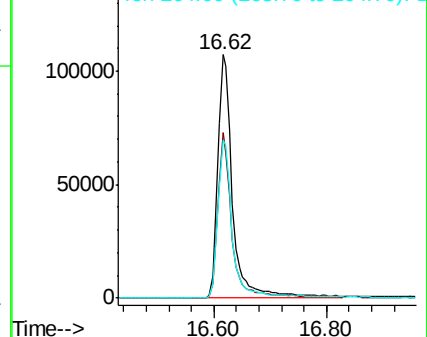
264 65.1 50.2 75.4

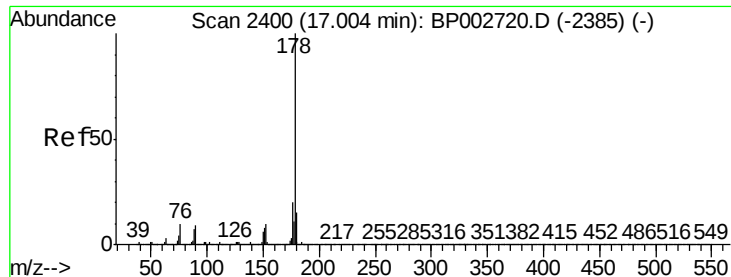


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

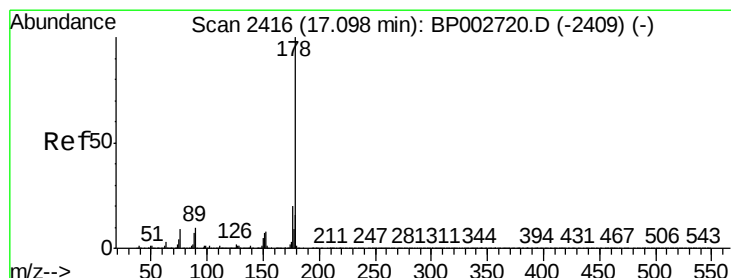
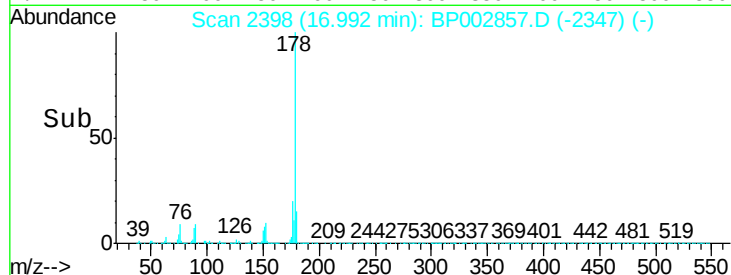
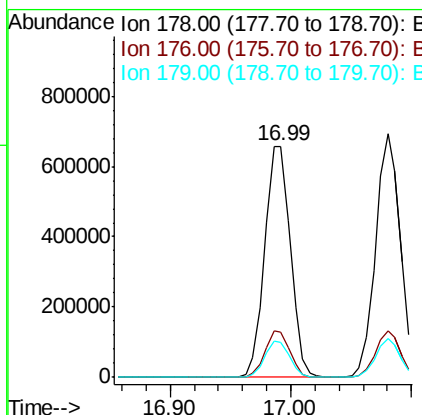
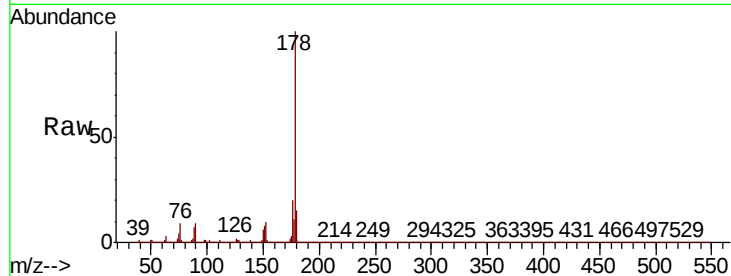




#71
Phenanthrene
Concen: 43.558 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

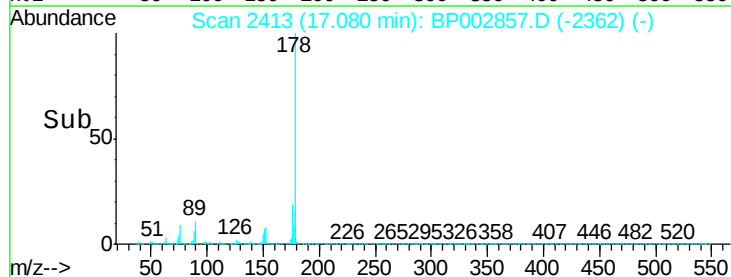
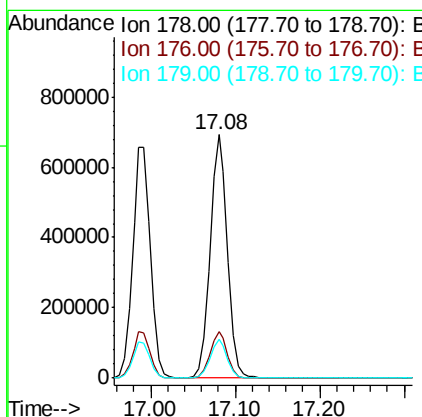
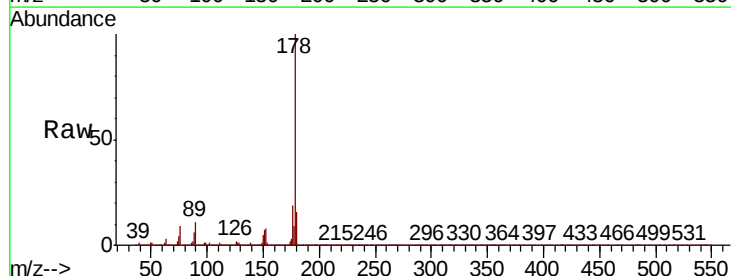
Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

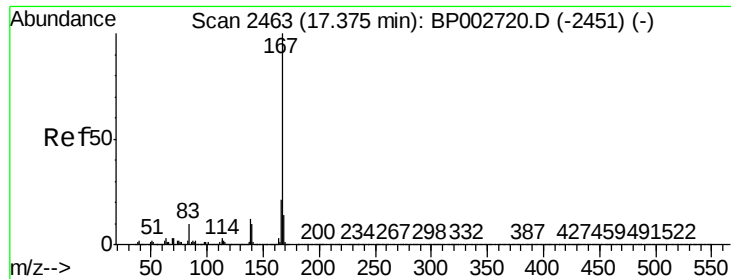
Tot Ion:178 Resp: 966921
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.0
179 15.3 11.8 17.6



#72
Anthracene
Concen: 45.688 ng
RT: 17.08 min Scan# 2413
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:178 Resp: 995231
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.8 12.2 18.2

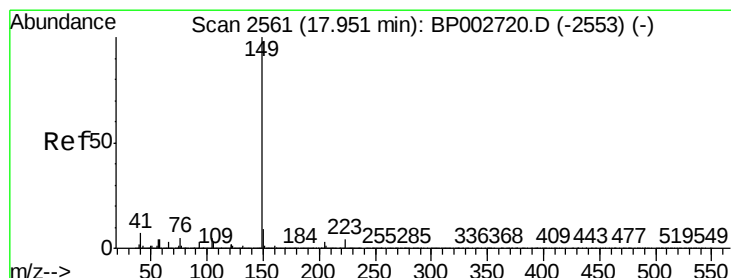
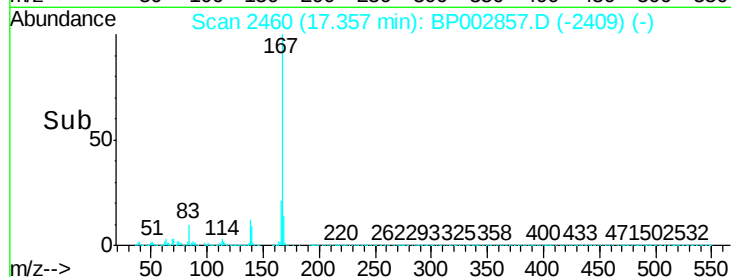
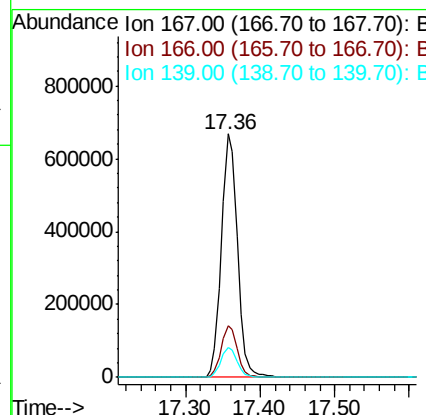
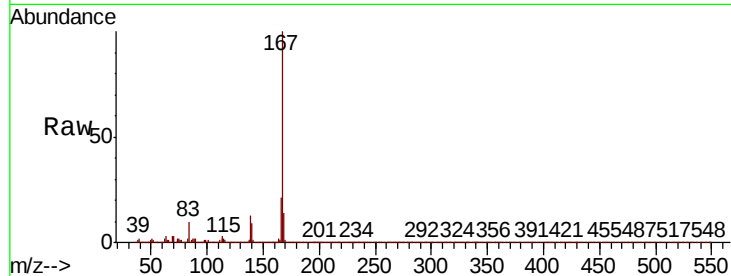




#73
 Carbazole
 Concen: 46.623 ng
 RT: 17.36 min Scan# 2460
 Delta R.T. -0.00 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

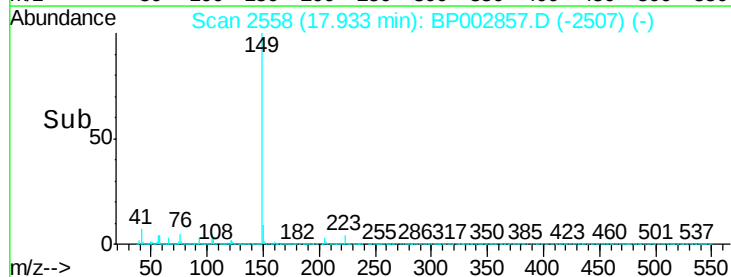
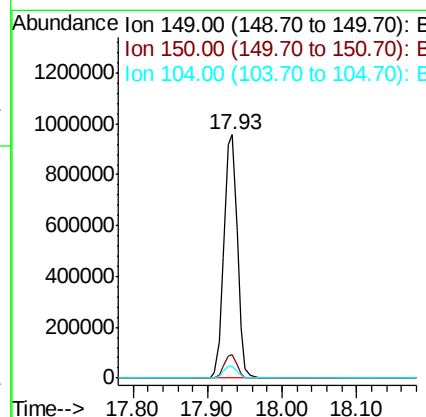
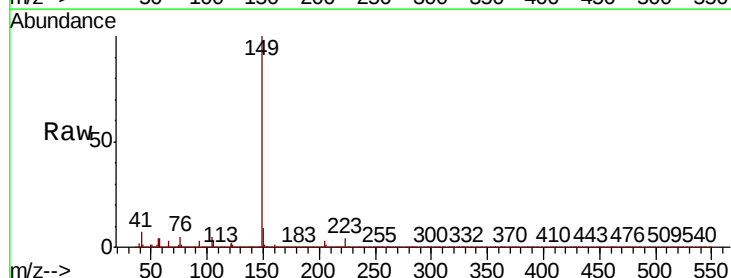
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MSD

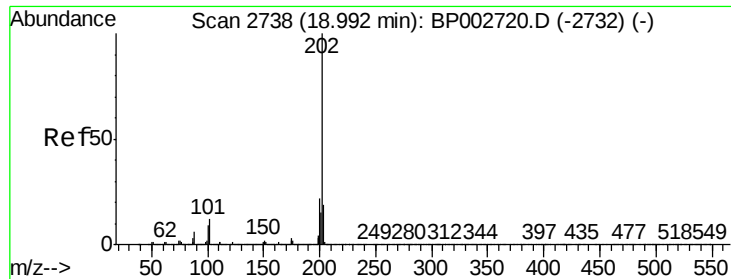
Tot Ion:167 Resp: 996615
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.8 25.2
 139 12.5 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 51.224 ng
 RT: 17.93 min Scan# 2558
 Delta R.T. -0.00 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

Tgt Ion:149 Resp: 1187544
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 51.446 ng

RT: 18.97 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

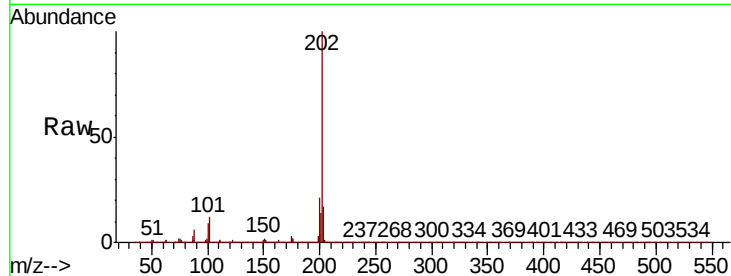
Tot Ion:202 Resp: 1323265

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.0

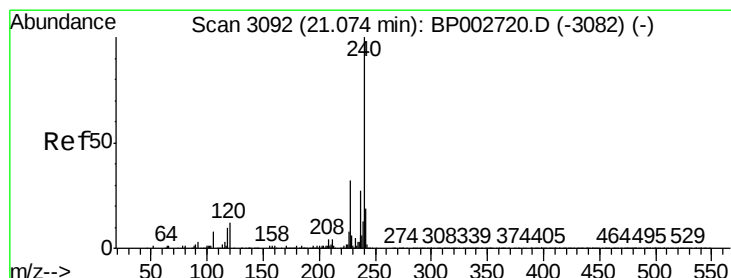
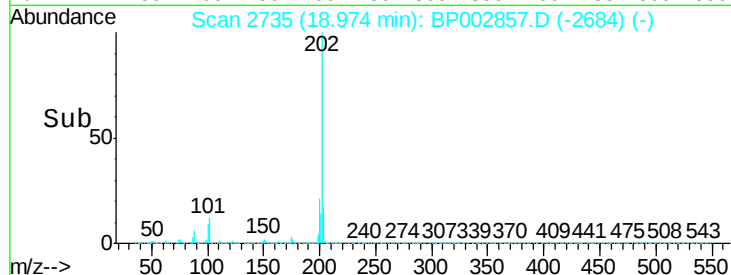
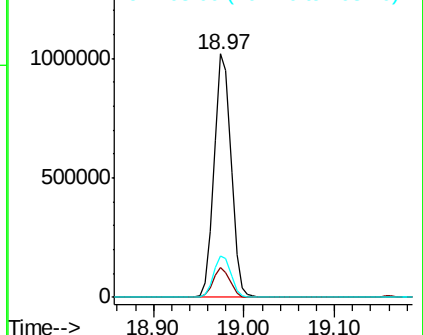
203 17.2 0.0 38.1



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: 21.06 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

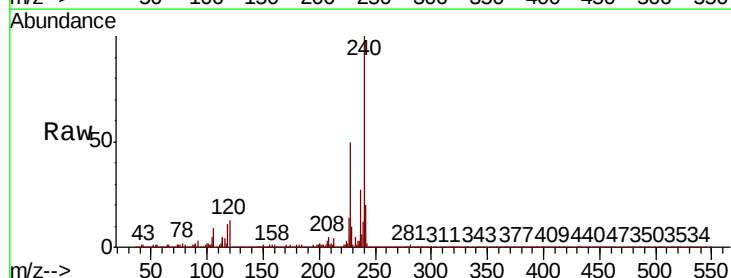
Tgt Ion:240 Resp: 485101

Ion Ratio Lower Upper

240 100

120 12.6 9.2 13.8

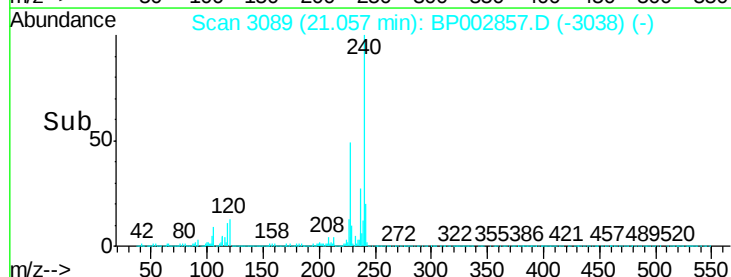
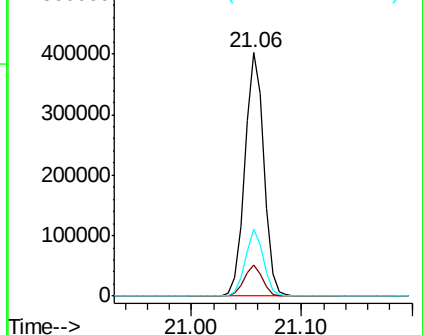
236 27.5 20.3 30.5

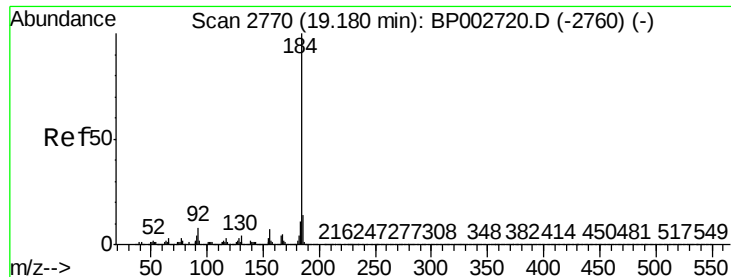


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 80.438 ng

RT: 19.16 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

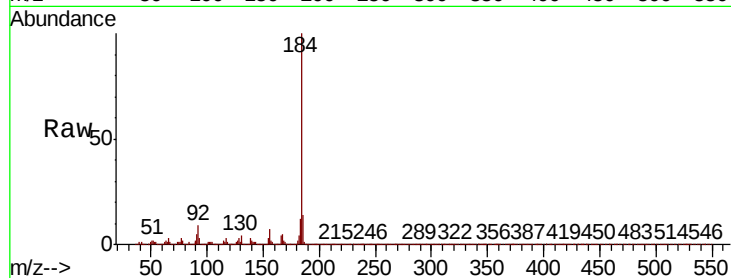
BNA_P

ClientSampleId :

CTR-020MSD

Tot Ion:184 Resp: 967202

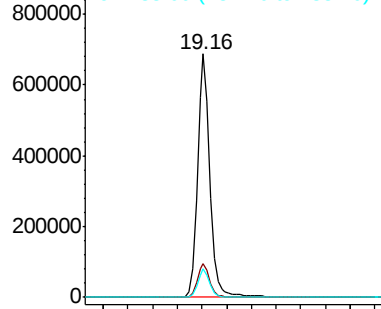
Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.5	17.3
183	11.5	9.1	13.7



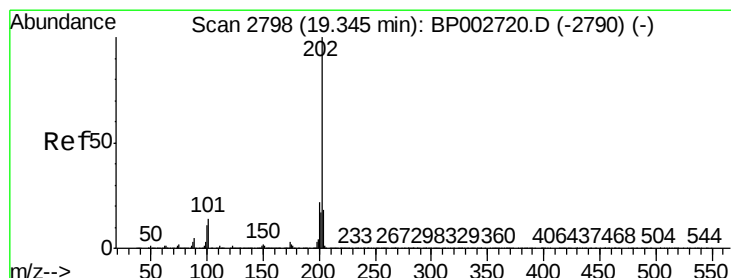
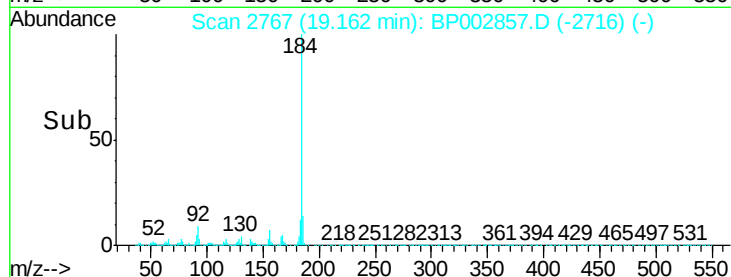
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.00 19.20 19.40



#78

Pyrene

Concen: 40.477 ng

RT: 19.33 min Scan# 2795

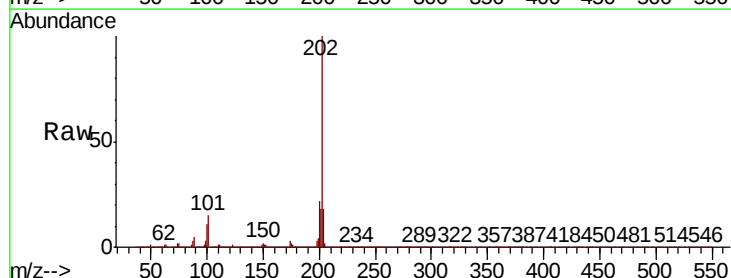
Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Tgt Ion:202 Resp: 1355711

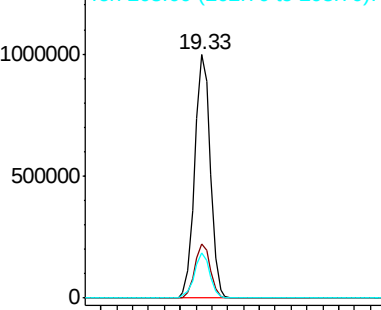
Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.6	24.8
203	18.4	13.8	20.8



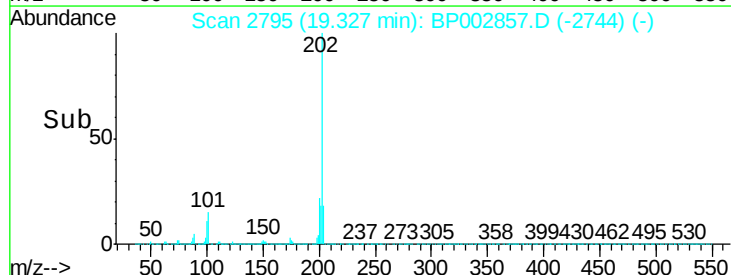
Abundance Ion 202.00 (201.70 to 202.70): E

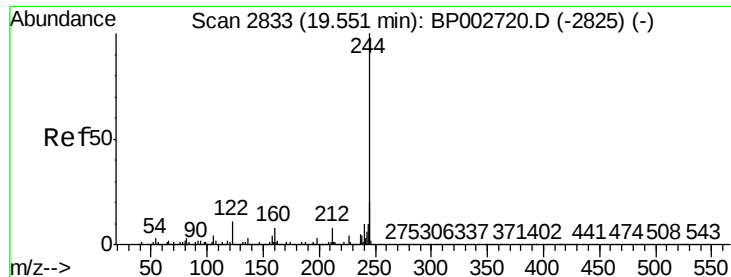
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.20 19.30 19.40 19.50





#79

Terphenyl-d14

Concen: 73.114 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

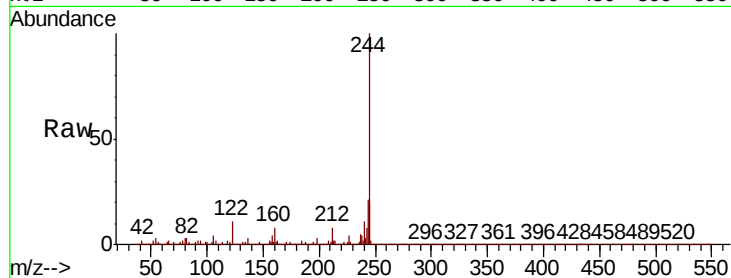
Tot Ion:244 Resp: 1546978

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

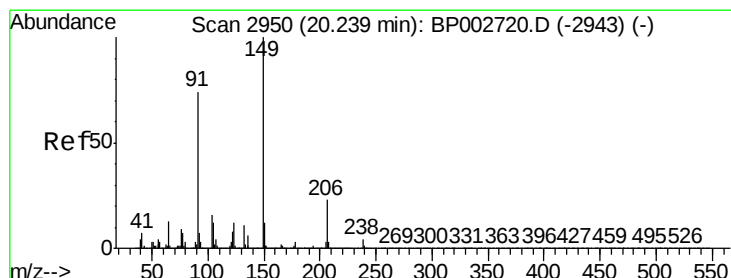
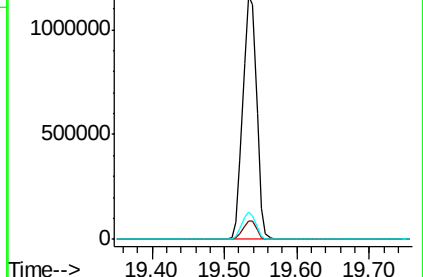
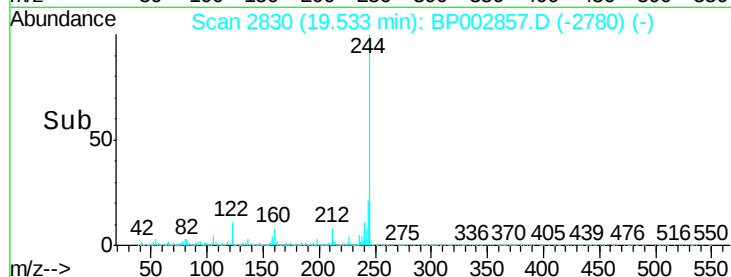
122 11.0 7.9 11.9



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: 48.505 ng

RT: 20.22 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

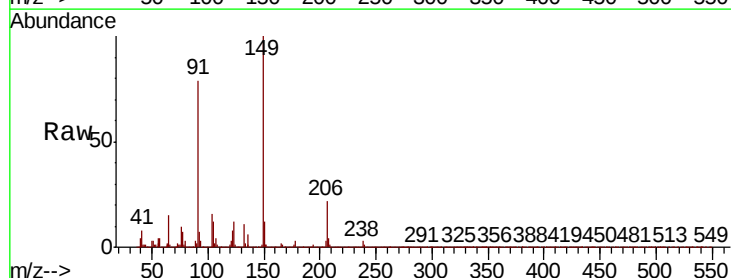
Tgt Ion:149 Resp: 641085

Ion Ratio Lower Upper

149 100

91 79.1 62.1 93.1

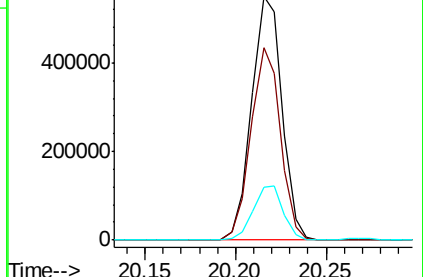
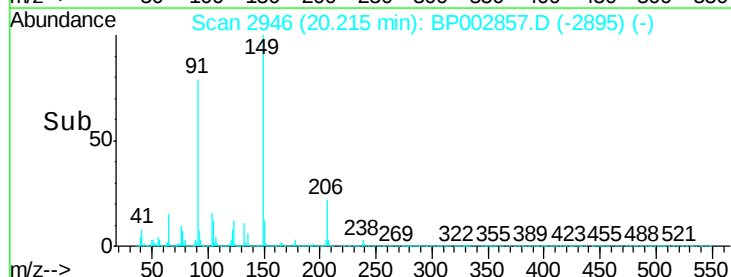
206 22.0 17.6 26.4

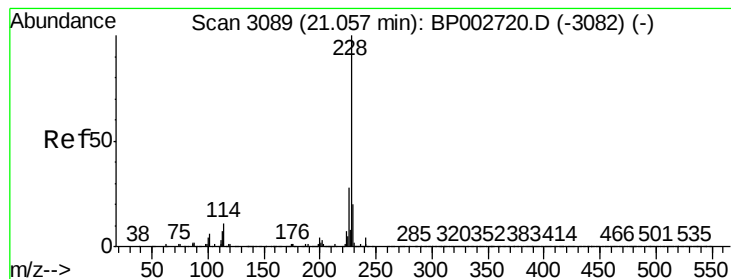


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.268 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

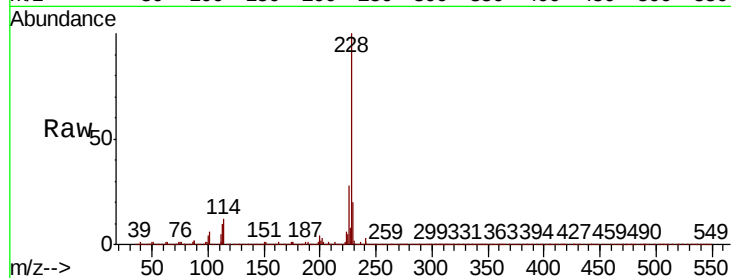
Tot Ion:228 Resp: 1390089

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.8	32.6
229	19.7	15.8	23.6

228 100

226 27.5 21.8 32.6

229 19.7 15.8 23.6

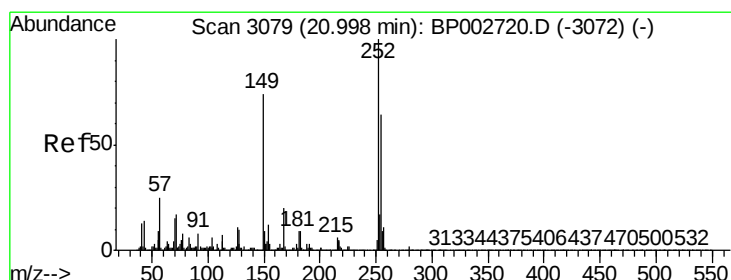
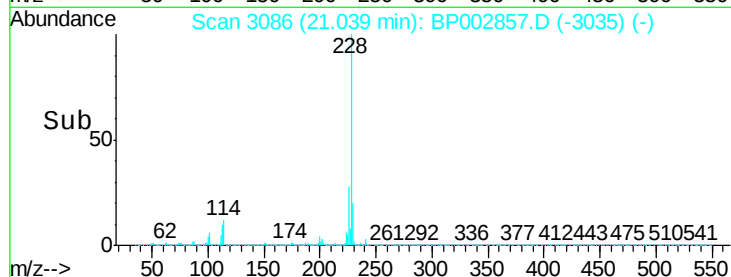
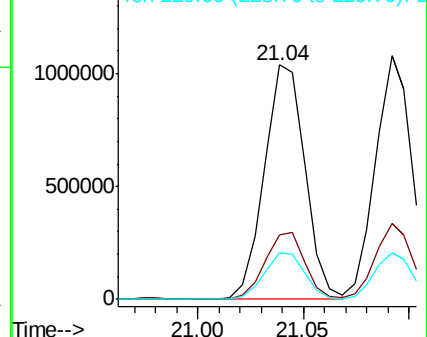


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 36.945 ng

RT: 20.98 min Scan# 3076

Delta R.T. 0.01 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

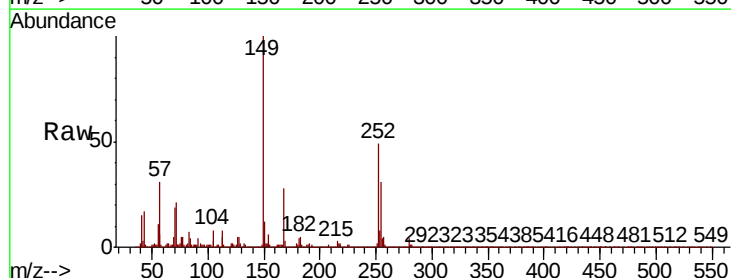
Tgt Ion:252 Resp: 384220

Ion	Ratio	Lower	Upper
252	100		
254	64.3	52.5	78.7
126	10.1	9.4	14.0

252 100

254 64.3 52.5 78.7

126 10.1 9.4 14.0

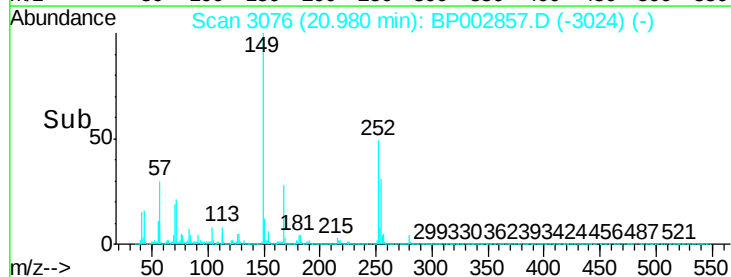
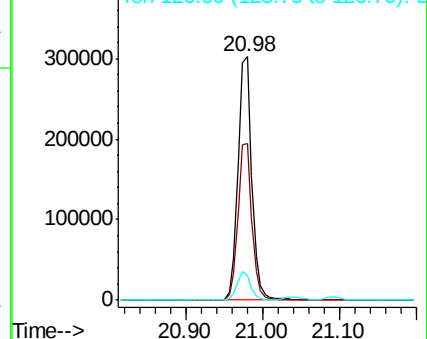


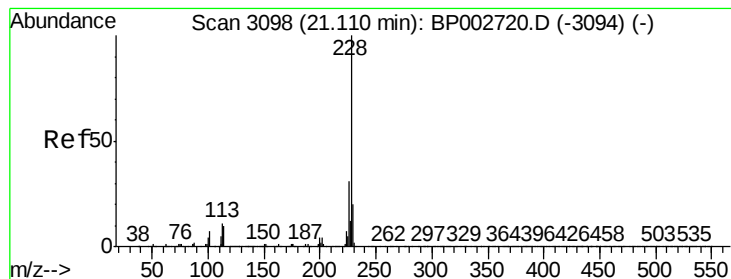
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.483 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampled :

CTR-020MSD

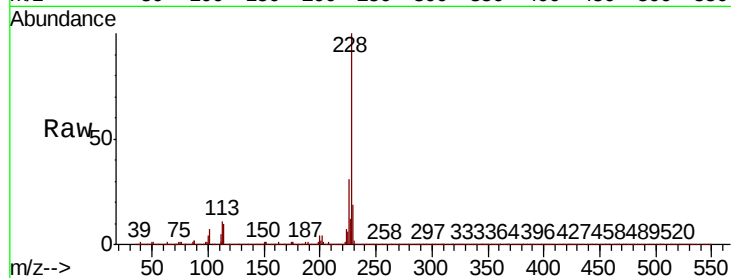
Tot Ion:228 Resp: 1299745

Ion Ratio Lower Upper

228 100

226 31.4 23.4 35.2

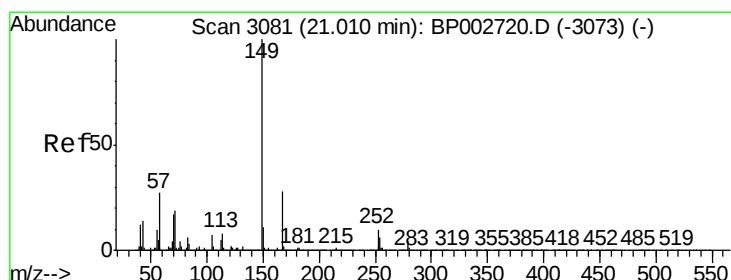
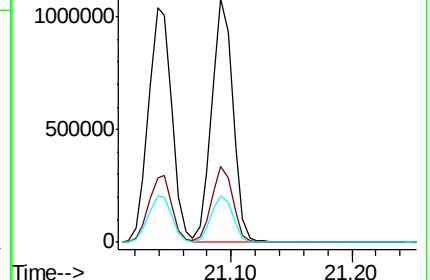
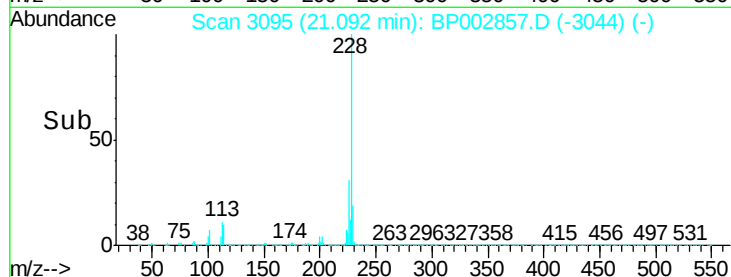
229 19.3 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.133 ng

RT: 20.99 min Scan# 3077

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

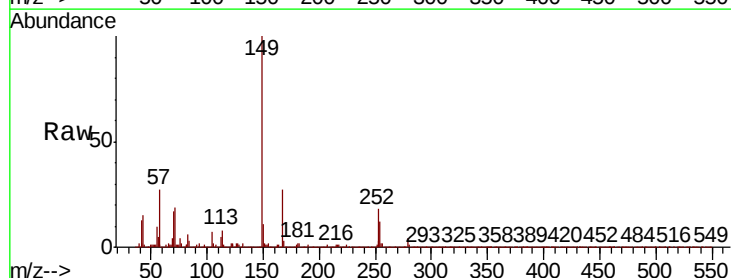
Tgt Ion:149 Resp: 921569

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

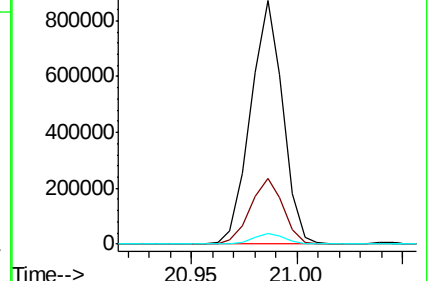
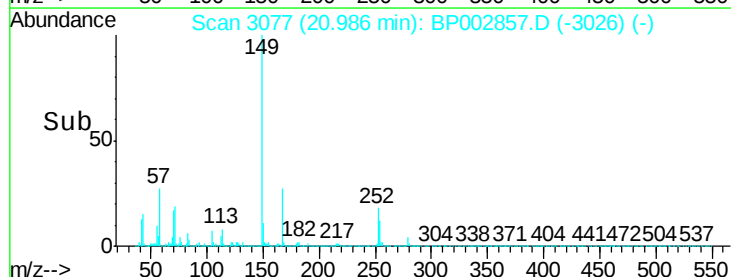
279 4.2 3.2 4.8

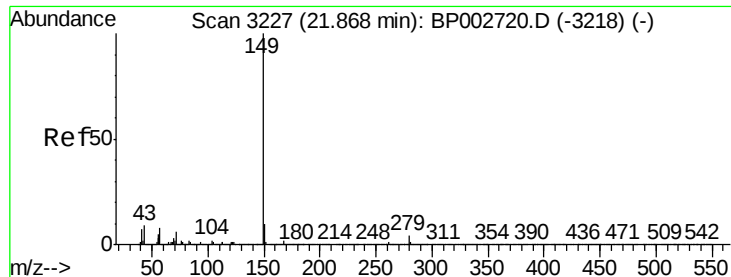


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

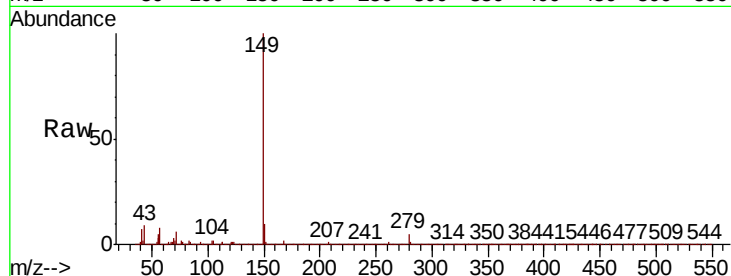




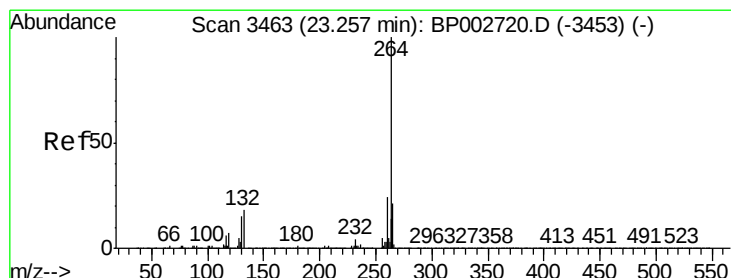
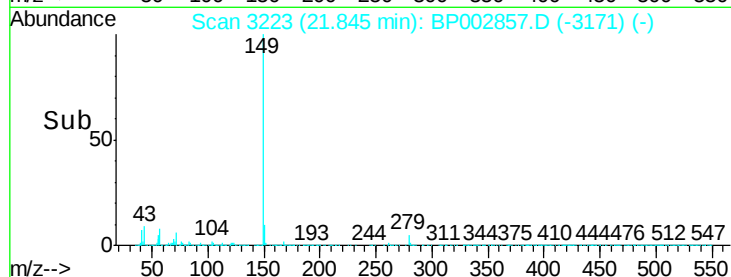
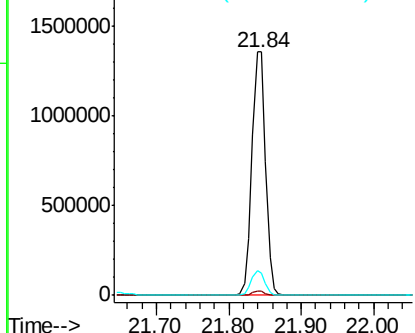
#85
Di-n-octyl phthalate
Concen: 53.559 ng
RT: 21.84 min Scan# 3223
Delta R.T. 0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

Tot Ion:149 Resp: 1770086
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 8.2 12.2

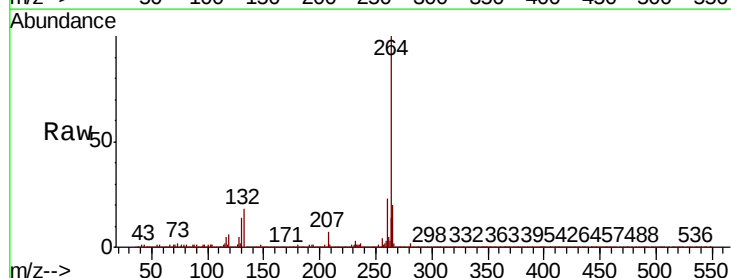


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0

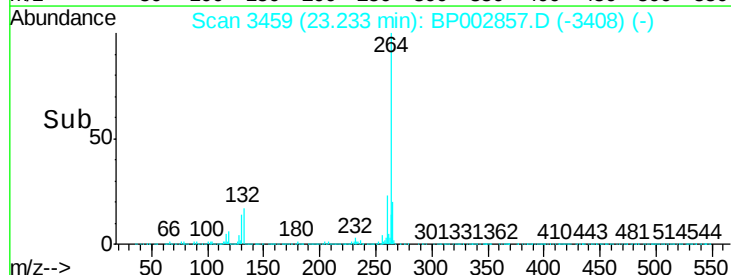
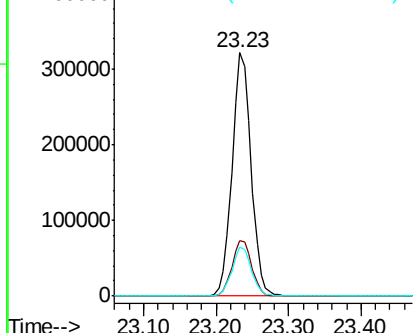


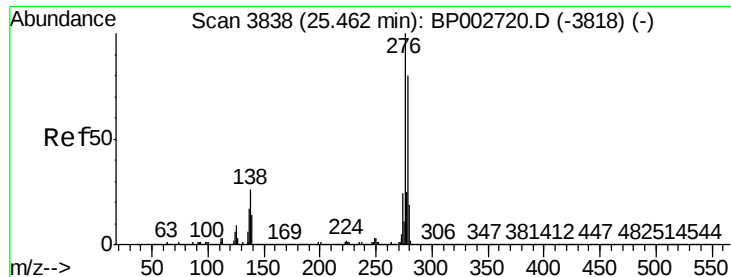
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.23 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:264 Resp: 586310
Ion Ratio Lower Upper
264 100
260 22.6 19.6 29.4
265 20.2 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



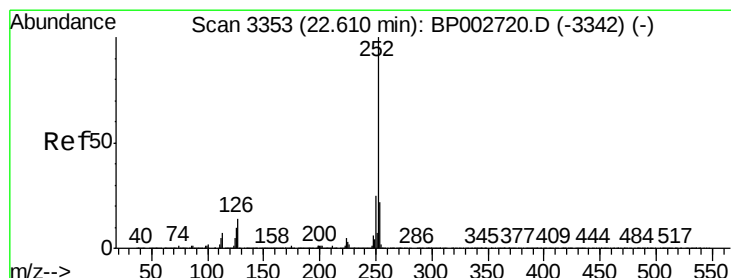
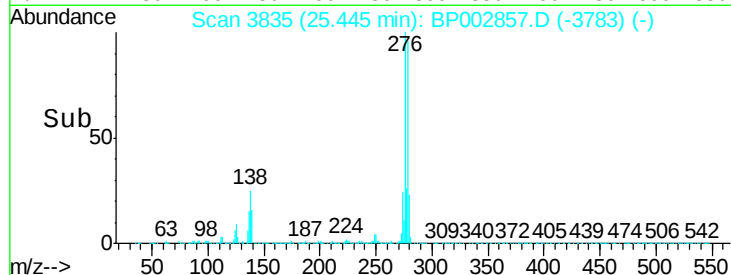
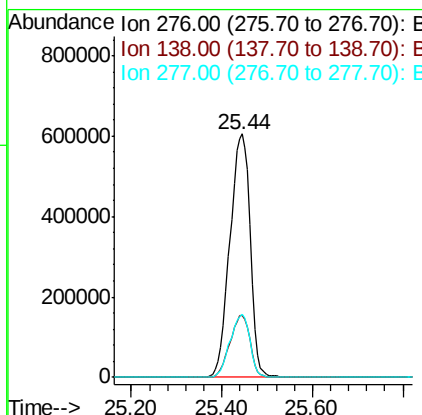
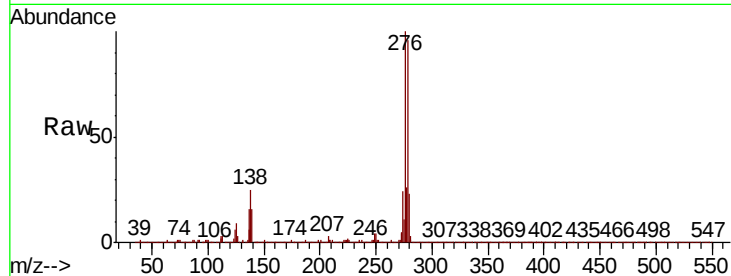


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 44.836 ng
 RT: 25.44 min Scan# 3835
 Delta R.T. 0.01 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MSD

Tot Ion:276 Resp: 1899998

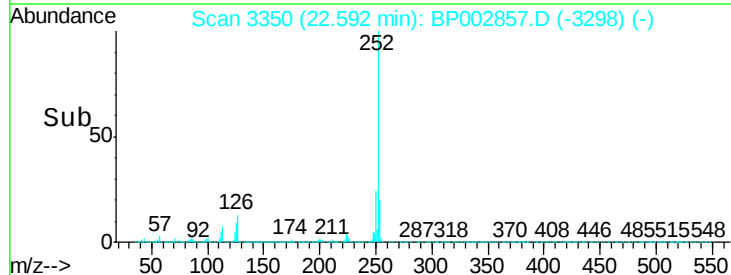
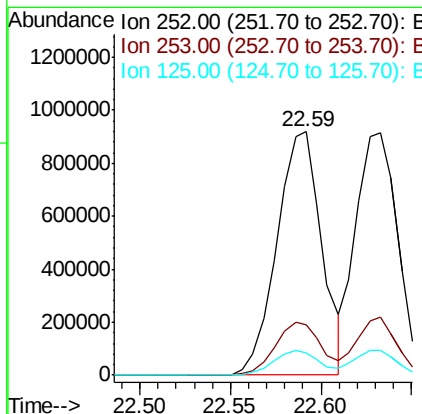
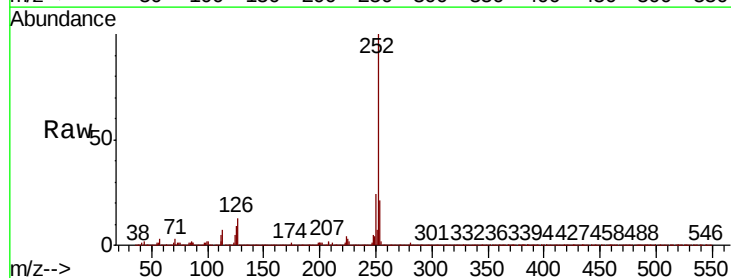
Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.5	30.7
277	25.2	20.1	30.1

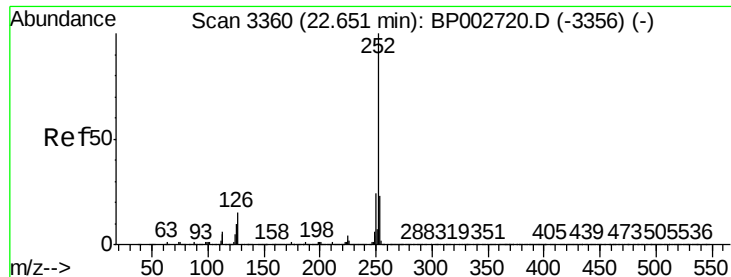


#88
 Benzo(b)fluoranthene
 Concen: 43.558 ng
 RT: 22.59 min Scan# 3350
 Delta R.T. 0.01 min
 Lab File: BP002857.D
 Acq: 24 Jul 2020 17:07

Tgt Ion:252 Resp: 1585810

Ion	Ratio	Lower	Upper
252	100		
253	20.5	18.5	27.7
125	9.2	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 40.893 ng

RT: 22.63 min Scan# 3357

Delta R.T. 0.01 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

Instrument :

BNA_P

ClientSampleId :

CTR-020MSD

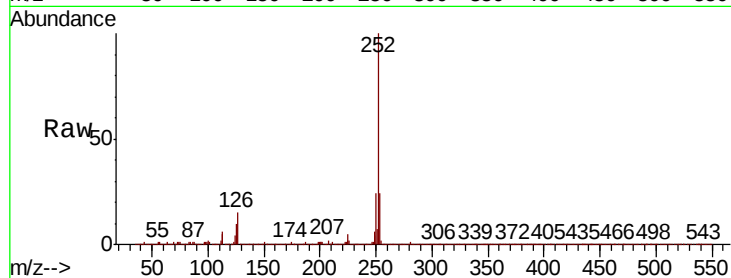
Tot Ion:252 Resp: 1466435

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.6

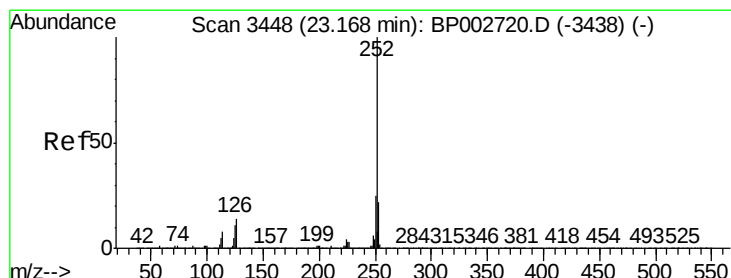
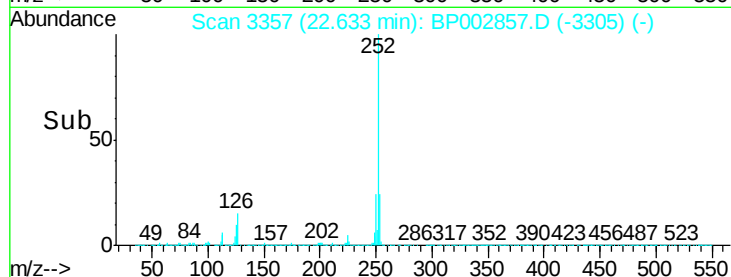
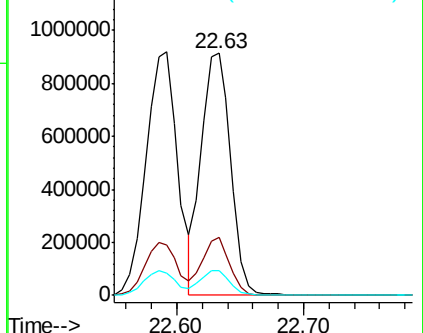
125 10.2 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.828 ng

RT: 23.14 min Scan# 3444

Delta R.T. -0.00 min

Lab File: BP002857.D

Acq: 24 Jul 2020 17:07

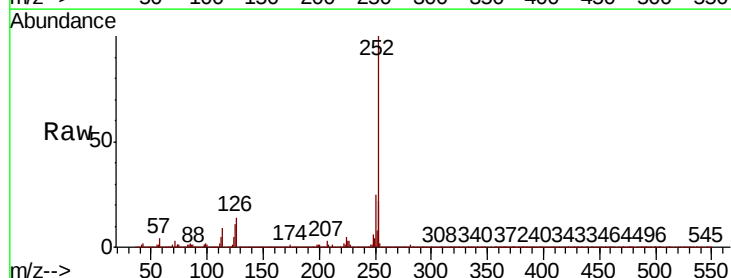
Tgt Ion:252 Resp: 1443063

Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

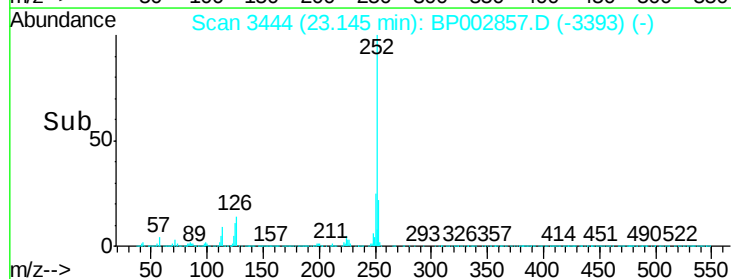
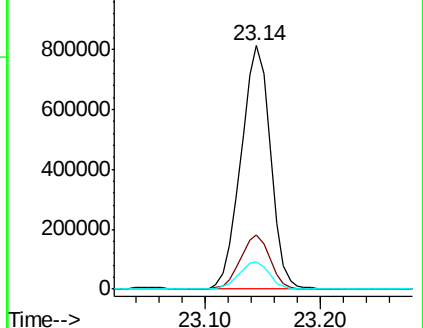
125 11.1 8.9 13.3

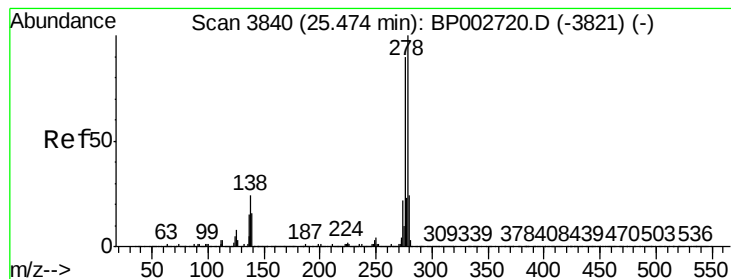


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



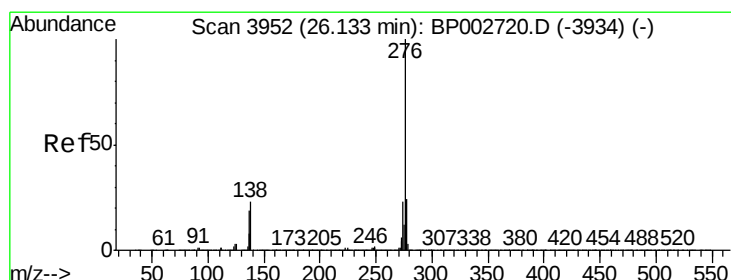
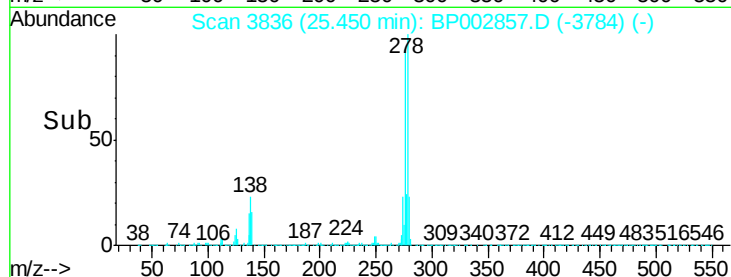
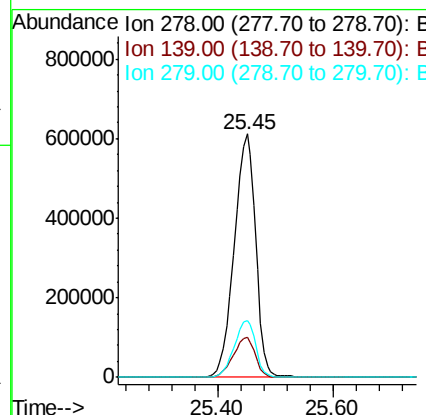
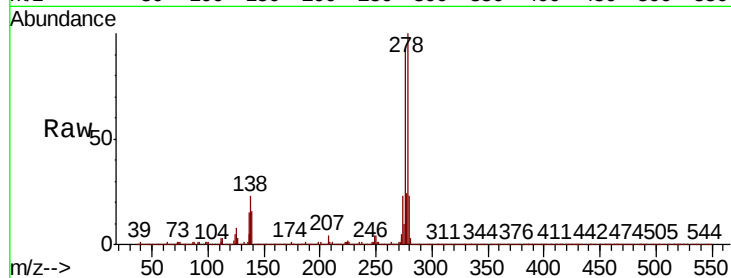


#91
Dibenzo(a,h)anthracene
Concen: 45.867 ng
RT: 25.45 min Scan# 3836
Delta R.T. 0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Instrument :
BNA_P
ClientSampleId :
CTR-020MSD

Tot Ion:278 Resp: 1567518

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.5	20.3
279	23.5	19.4	29.0



#92
Benzo(g,h,i)perylene
Concen: 47.515 ng
RT: 26.12 min Scan# 3949
Delta R.T. 0.01 min
Lab File: BP002857.D
Acq: 24 Jul 2020 17:07

Tgt Ion:276 Resp: 1646387

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	22.3	18.2	27.4

