

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002856.D
 Acq On : 24 Jul 2020 16:33
 Operator : CG/JU
 Sample : L3382-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MS

Quant Time: Jul 24 17:07:45 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	51638	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	227488	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	154483	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	385072	20.00	ng	0.00
76) Chrysene-d12	21.06	240	448592	20.00	ng	0.00
86) Perylene-d12	23.23	264	545667	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	429498	140.33	ng	0.00
7) Phenol-d6	6.74	99	590695	135.23	ng	0.00
23) Nitrobenzene-d5	8.68	82	356907	83.91	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	222515	137.99	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	777193	77.83	ng	0.00
79) Terphenyl-d14	19.53	244	1449111	74.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.09	88	57438	43.045	ng	100
3) Pyridine	3.48	79	148850	37.432	ng	98
4) n-Nitrosodimethylamine	3.40	42	73845	49.295	ng	98
6) Aniline	6.87	93	187952	33.990	ng	99
8) 2-Chlorophenol	7.11	128	171674	50.415	ng	99
9) Benzaldehyde	6.68	77	129644	54.629	ng	98
10) Phenol	6.77	94	236020	52.748	ng	99
11) bis(2-Chloroethyl)ether	6.97	93	167832	45.096	ng	98
12) 1,3-Dichlorobenzene	7.42	146	169364	43.375	ng	99
13) 1,4-Dichlorobenzene	7.57	146	174639	44.566	ng	100
14) 1,2-Dichlorobenzene	7.88	146	170734	45.181	ng	99
15) Benzyl Alcohol	7.78	79	158842	54.342	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.06	45	233607	43.645	ng	100
17) 2-Methylphenol	8.00	107	153744	48.230	ng	98
18) Hexachloroethane	8.59	117	63775	45.949	ng	94
19) n-Nitroso-di-n-propylamine	8.34	70	134031	50.388	ng	100
20) 3+4-Methylphenols	8.33	107	206686	49.035	ng	97
22) Acetophenone	8.35	105	260491	46.449	ng	# 99
24) Nitrobenzene	8.72	77	199583	43.327	ng	97
25) Isophorone	9.25	82	391399	45.150	ng	98
26) 2-Nitrophenol	9.43	139	90726	45.600	ng	98
27) 2,4-Dimethylphenol	9.52	122	170633	52.826	ng	98
28) bis(2-Chloroethoxy)methane	9.73	93	237484	45.102	ng	98
29) 2,4-Dichlorophenol	9.98	162	172327	48.390	ng	97
30) 1,2,4-Trichlorobenzene	10.18	180	166522	40.824	ng	97
31) Naphthalene	10.35	128	512826	42.699	ng	100
32) Benzoic acid	9.69	122	81663	34.933	ng	97
33) 4-Chloroaniline	10.48	127	116169	22.572	ng	98
34) Hexachlorobutadiene	10.65	225	91151	38.662	ng	93
35) Caprolactam	11.25	113	72777	58.448	ng	99
36) 4-Chloro-3-methylphenol	11.63	107	200440	52.216	ng	95
37) 2-Methylnaphthalene	11.98	142	384267	45.340	ng	93
38) 1-Methylnaphthalene	12.20	142	365246	45.564	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.36	216	191527	40.341	ng	100

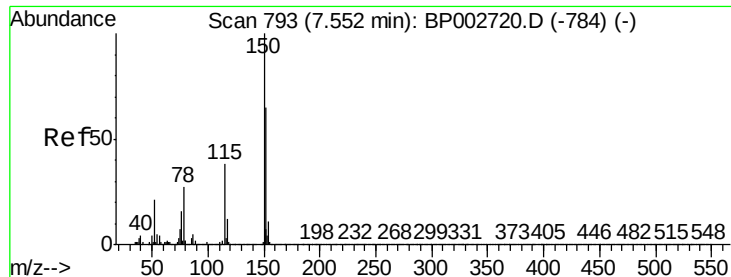
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.34	237	81802	42.717	ng	96
43) 2,4,6-Trichlorophenol	12.62	196	136679	44.976	ng	96
44) 2,4,5-Trichlorophenol	12.70	196	153754	43.622	ng	99
46) 1,1'-Biphenyl	13.01	154	499835	43.400	ng	98
47) 2-Chloronaphthalene	13.05	162	386483	41.316	ng	97
48) 2-Nitroaniline	13.26	65	143786	49.727	ng	98
49) Acenaphthylene	13.90	152	670906	45.496	ng	100
50) Dimethylphthalate	13.65	163	654667	55.567	ng	99
51) 2,6-Dinitrotoluene	13.77	165	118922	47.149	ng	99
52) Acenaphthene	14.25	154	386862	43.896	ng	96
53) 3-Nitroaniline	14.10	138	82935	29.389	ng	100
54) 2,4-Dinitrophenol	14.33	184	125812	88.081	ng	95
55) Dibenzofuran	14.59	168	623964	44.144	ng	99
56) 4-Nitrophenol	14.46	139	196957	86.656	ng	98
57) 2,4-Dinitrotoluene	14.58	165	170142	51.220	ng	98
58) Fluorene	15.25	166	498601	47.673	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.83	232	139447	50.191	ng	99
60) Diethylphthalate	15.03	149	569571	49.862	ng	99
61) 4-Chlorophenyl-phenylether	15.25	204	248827	44.776	ng	99
62) 4-Nitroaniline	15.28	138	145521	48.256	ng	98
63) Azobenzene	15.54	77	573349	48.816	ng	99
65) 4,6-Dinitro-2-methylphenol	15.36	198	98827	43.492	ng	98
66) n-Nitrosodiphenylamine	15.46	169	484500	42.593	ng	99
67) 4-Bromophenyl-phenylether	16.14	248	159866	38.113	ng	98
68) Hexachlorobenzene	16.26	284	185949	42.075	ng	98
69) Atrazine	16.43	200	166997	53.776	ng	100
70) Pentachlorophenol	16.62	266	184209	85.605	ng	98
71) Phenanthrene	16.99	178	924817	44.357	ng	99
72) Anthracene	17.08	178	951869	46.525	ng	99
73) Carbazole	17.36	167	945313	47.084	ng	100
74) Di-n-butylphthalate	17.93	149	1140889	52.396	ng	100
75) Fluoranthene	18.97	202	1257612	52.057	ng	99
77) Benzidine	19.16	184	891306	80.159	ng	99
78) Pyrene	19.33	202	1273819	41.128	ng	97
80) Butylbenzylphthalate	20.22	149	615375	50.349	ng	98
81) Benzo(a)anthracene	21.04	228	1321513	45.509	ng	98
82) 3,3'-Dichlorobenzidine	20.97	252	361252	37.564	ng	98
83) Chrysene	21.09	228	1245038	45.042	ng	95
84) Bis(2-ethylhexyl)phthalate	20.99	149	874124	51.422	ng	98
85) Di-n-octyl phthalate	21.84	149	1696483	55.510	ng	99
87) Indeno(1,2,3-cd)pyrene	25.44	276	1828939	46.374	ng	99
88) Benzo(b)fluoranthene	22.59	252	1529305	45.135	ng	100
89) Benzo(k)fluoranthene	22.63	252	1402023	42.009	ng	99
90) Benzo(a)pyrene	23.15	252	1398049	43.542	ng	98
91) Dibenzo(a,h)anthracene	25.45	278	1507707	47.403	ng	98
92) Benzo(g,h,i)perylene	26.11	276	1605077	49.773	ng	99

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

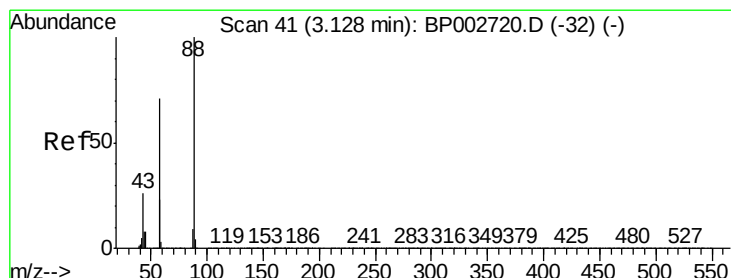
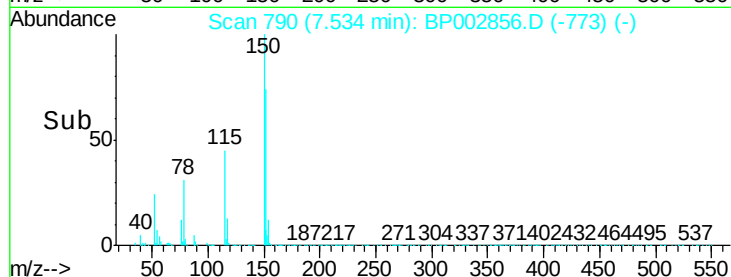
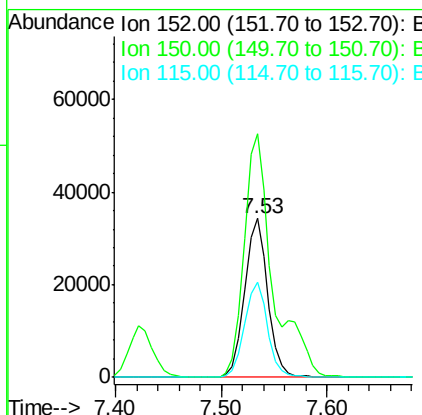
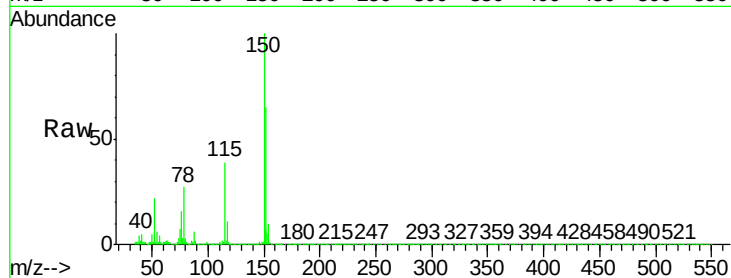


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Instrument :
BNA_P
ClientSampleId :
CTR-020MS

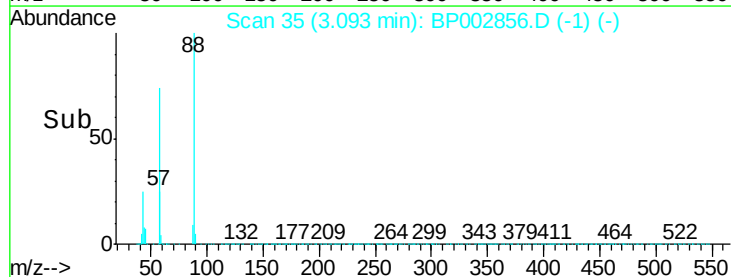
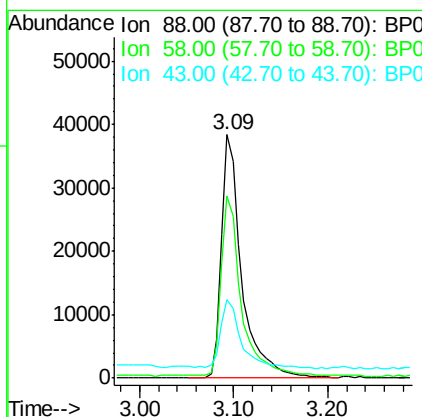
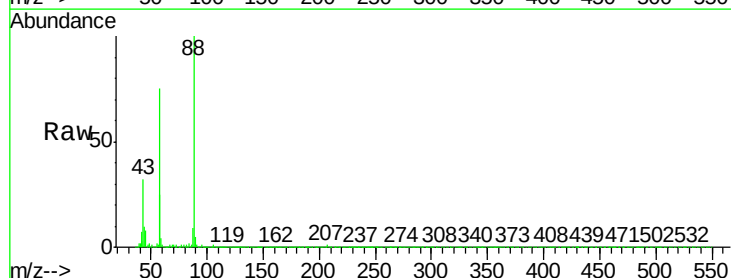
Tot Ion:152 Resp: 51638
Ion Ratio Lower Upper
152 100
150 153.5 122.5 183.7
115 59.9 48.5 72.7

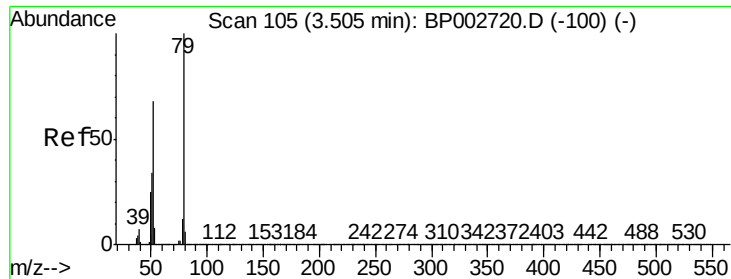


#2

1,4-Dioxane
Concen: 43.045 ng
RT: 3.09 min Scan# 35
Delta R.T. -0.02 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion: 88 Resp: 57438
Ion Ratio Lower Upper
88 100
58 73.6 58.9 88.3
43 28.2 22.6 33.8

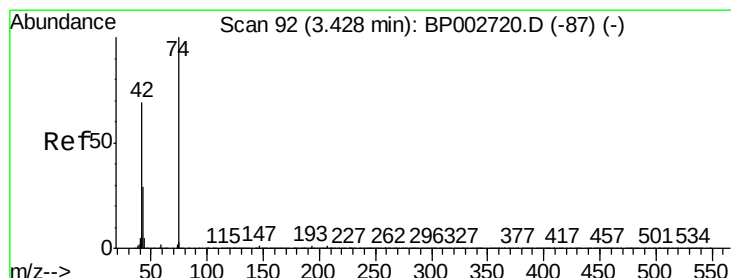
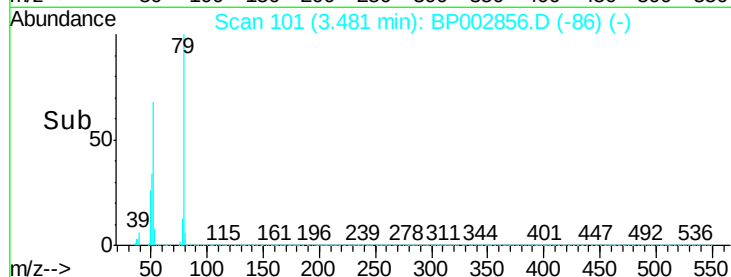
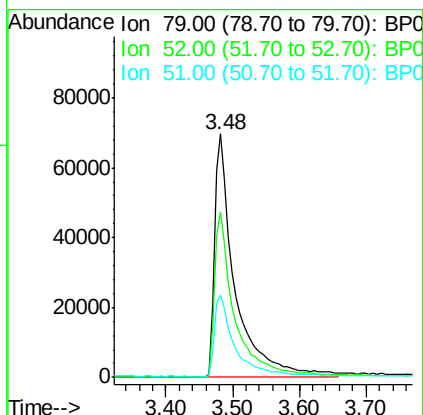
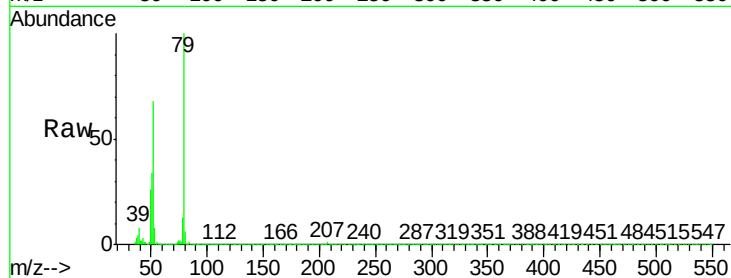




#3
 Pvridine
 Concen: 37.432 ng
 RT: 3.48 min Scan# 101
 Delta R.T. -0.01 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

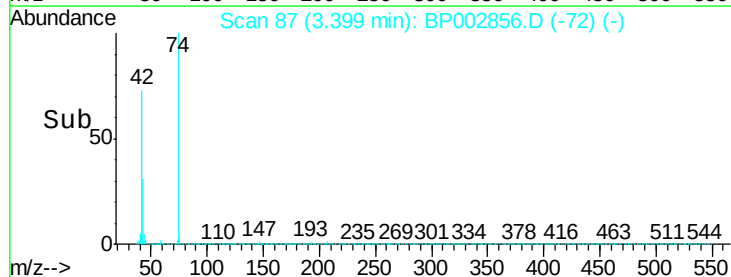
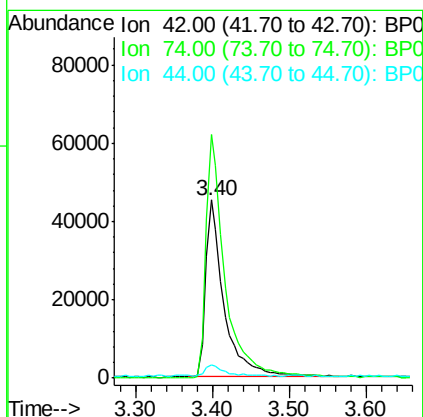
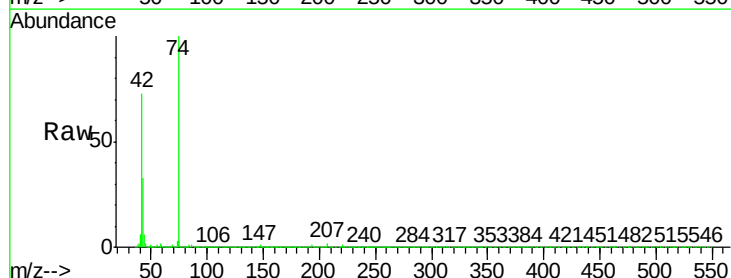
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MS

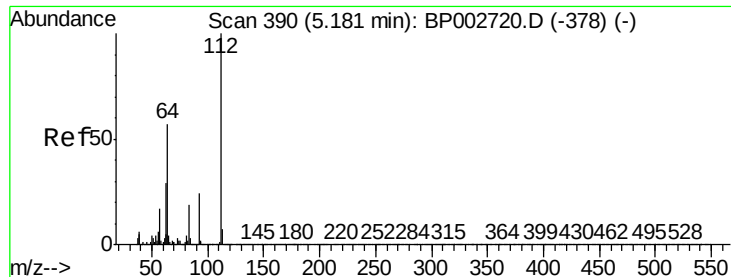
Tot Ion: 79 Resp: 148850
 Ion Ratio Lower Upper
 79 100
 52 67.8 55.4 83.0
 51 33.9 27.8 41.8



#4
 n-Nitrosodimethylamine
 Concen: 49.295 ng
 RT: 3.40 min Scan# 87
 Delta R.T. -0.01 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

Tgt Ion: 42 Resp: 73845
 Ion Ratio Lower Upper
 42 100
 74 136.8 111.2 166.8
 44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 140.331 ng

RT: 5.16 min Scan# 387

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

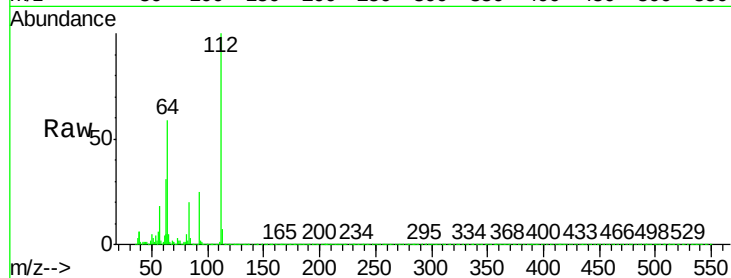
Tot Ion: 112 Resp: 429498

Ion Ratio Lower Upper

112 100

64 58.8 48.1 72.1

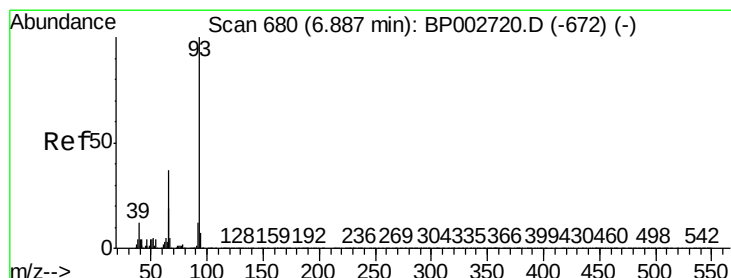
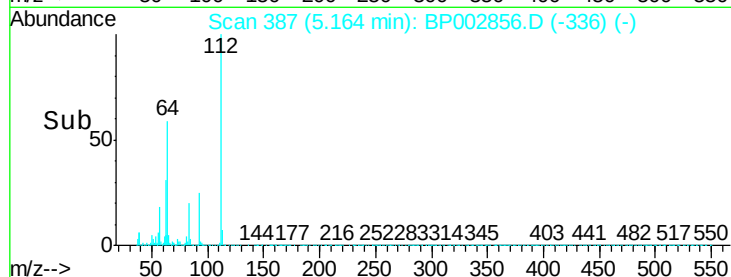
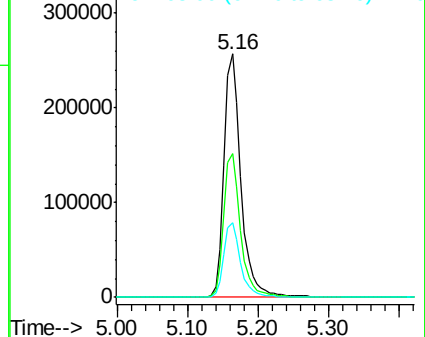
63 30.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 33.990 ng

RT: 6.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

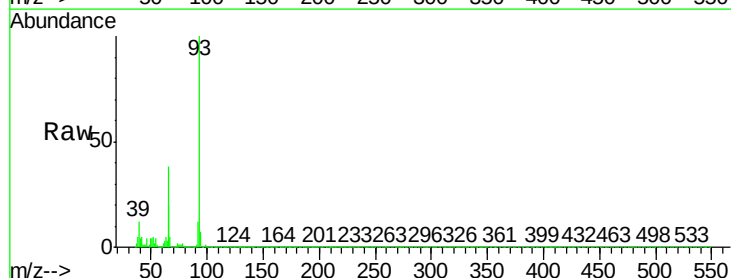
Tgt Ion: 93 Resp: 187952

Ion Ratio Lower Upper

93 100

66 38.3 31.1 46.7

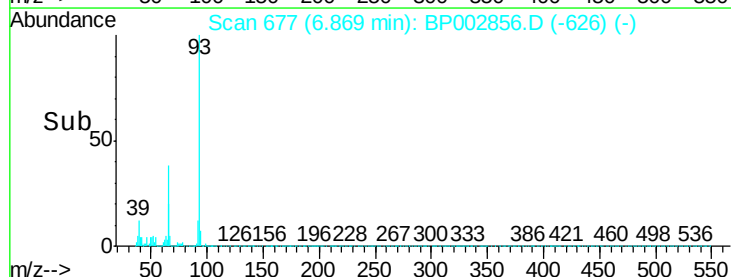
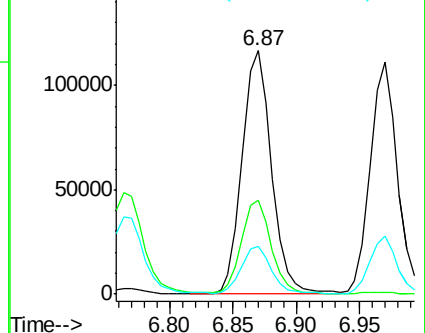
65 19.7 16.1 24.1

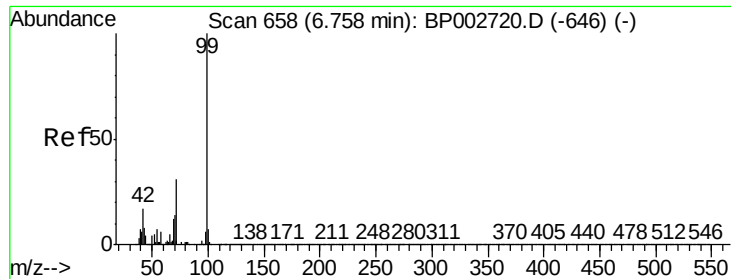


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 135.233 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

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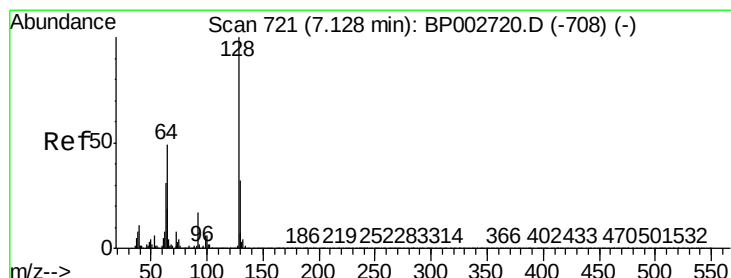
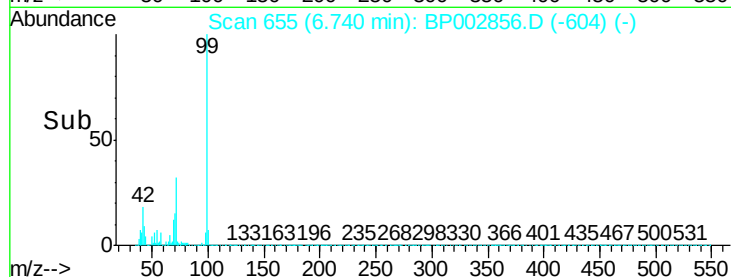
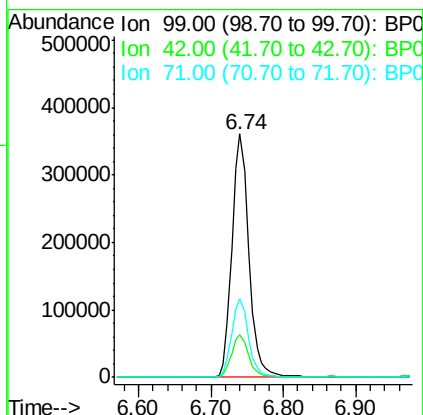
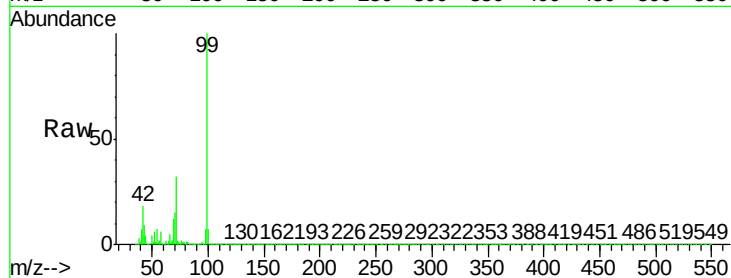
Tot Ion: 99 Resp: 590695

Ion Ratio Lower Upper

99 100

42 17.8 14.2 21.4

71 32.2 26.1 39.1



#8

2-Chlorophenol

Concen: 50.415 ng

RT: 7.11 min Scan# 718

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

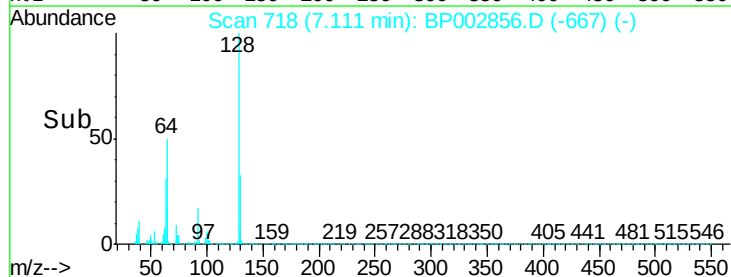
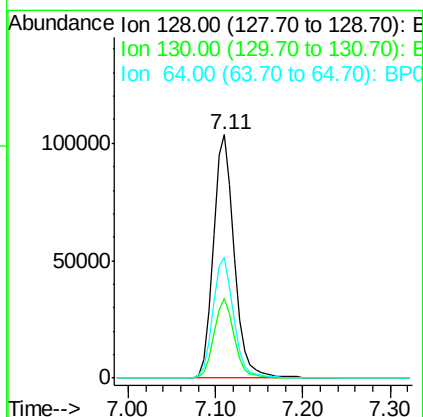
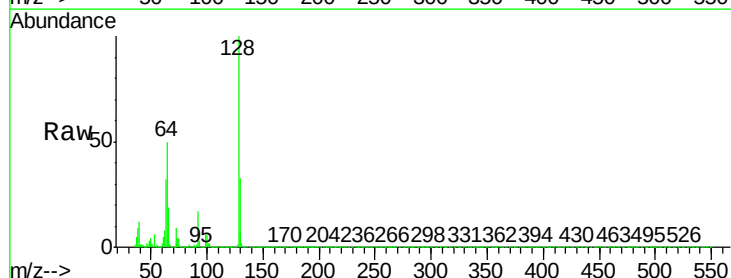
Tgt Ion: 128 Resp: 171674

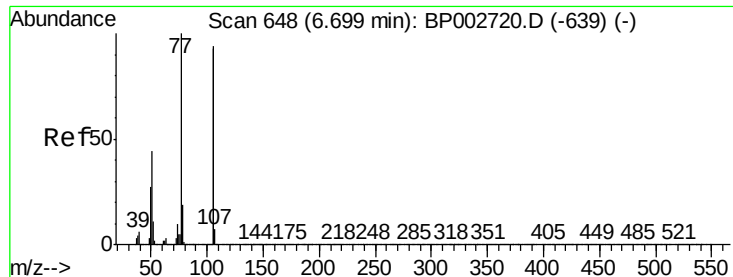
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 49.7 30.8 70.8





#9

Benzaldehyde

Concen: 54.629 ng

RT: 6.68 min Scan# 645

Delta R.T. -0.01 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

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ClientSampleId :

CTR-020MS

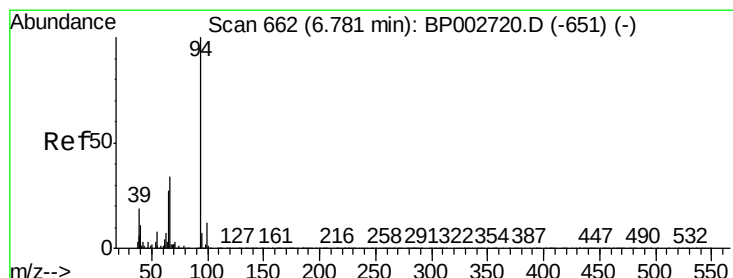
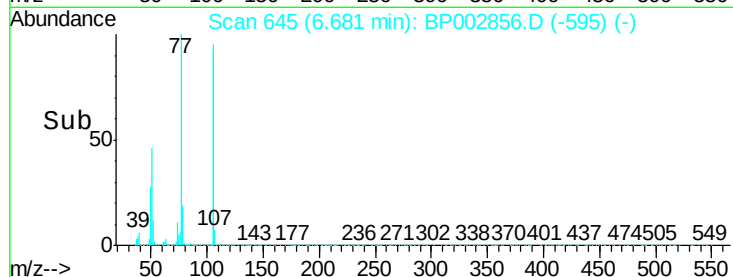
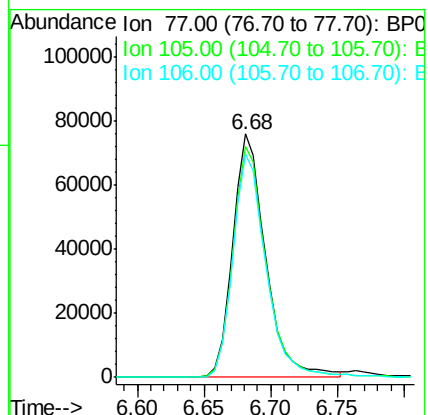
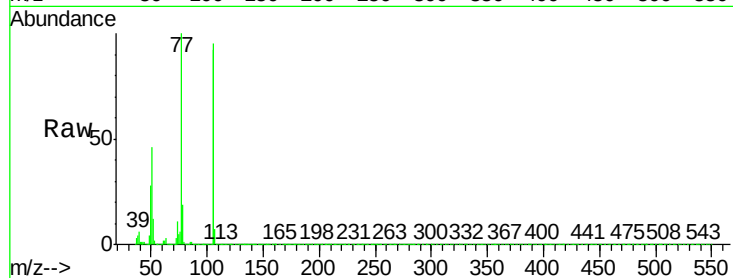
Tot Ion: 77 Resp: 129644

Ion Ratio Lower Upper

77 100

105 94.6 75.8 115.8

106 91.6 74.1 114.1



#10

Phenol

Concen: 52.748 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

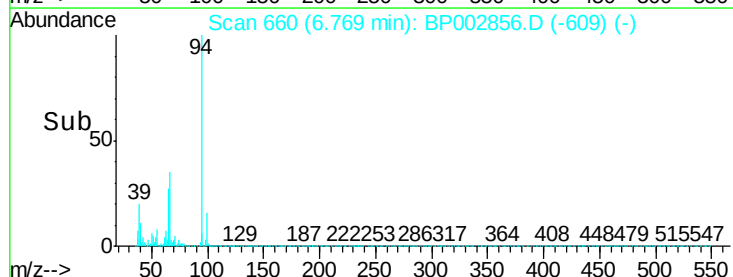
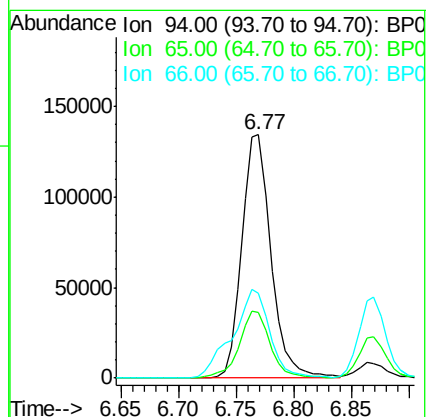
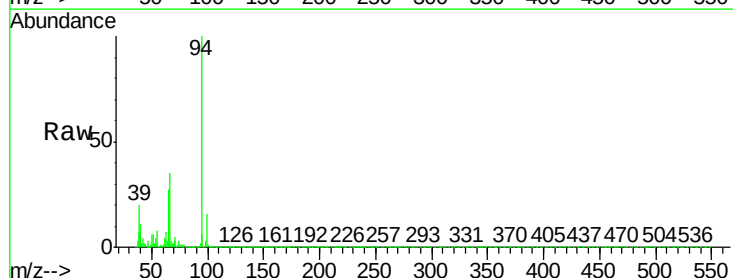
Tgt Ion: 94 Resp: 236020

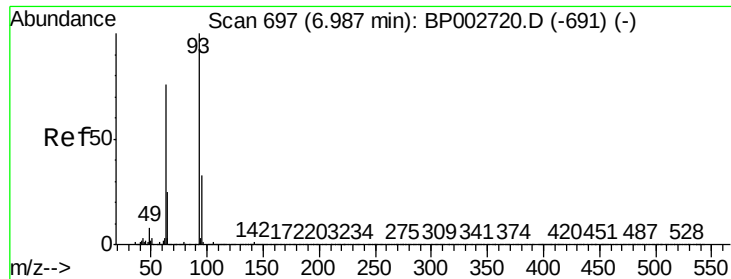
Ion Ratio Lower Upper

94 100

65 26.9 7.6 47.6

66 34.9 15.5 55.5

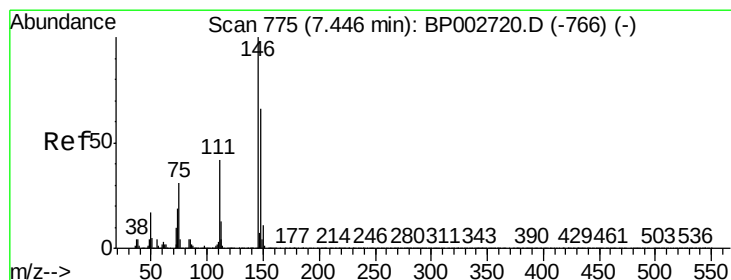
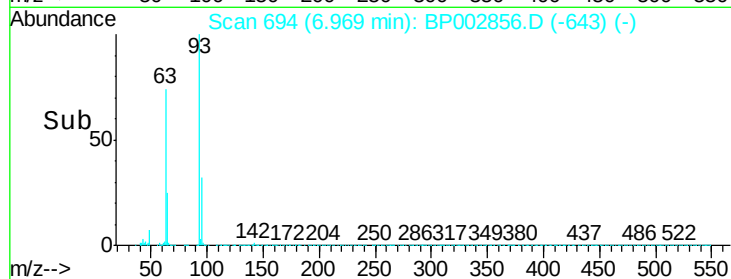
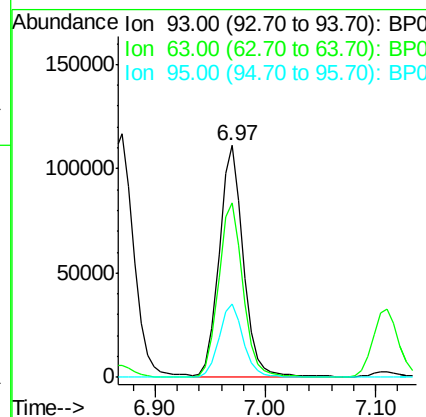
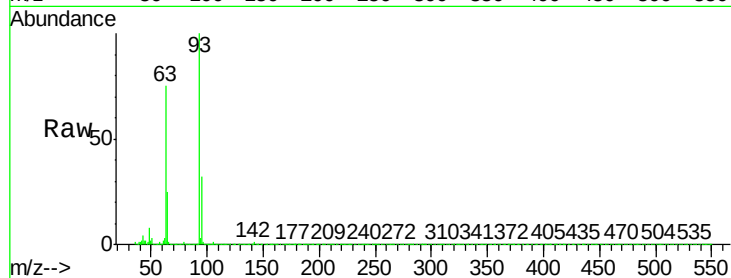




#11
bis(2-Chloroethyl)ether
Concen: 45.096 ng
RT: 6.97 min Scan# 694
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

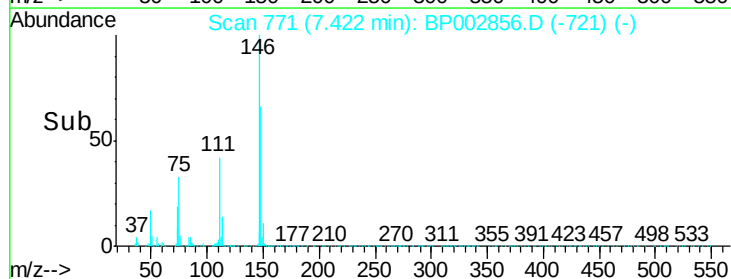
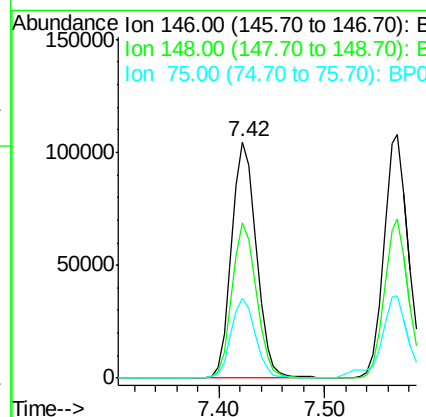
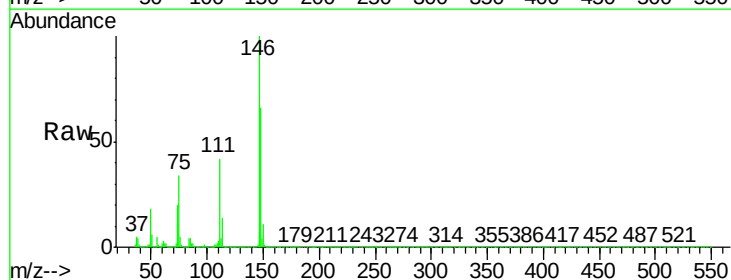
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

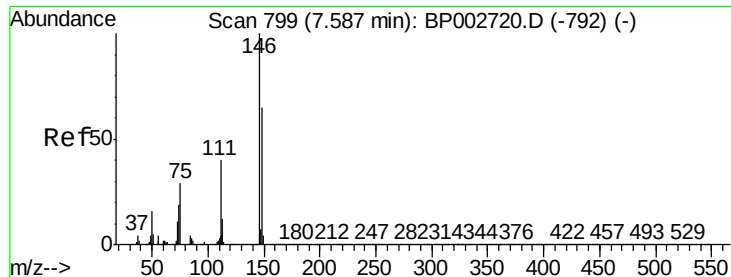
Tot Ion:	93	Resp:	167832
Ion	Ratio	Lower	Upper
93	100		
63	75.2	56.6	96.6
95	31.9	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 43.375 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:	146	Resp:	169364
Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.6	78.8
75	33.9	26.6	39.8

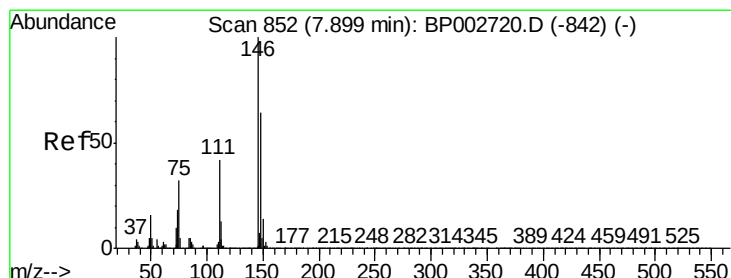
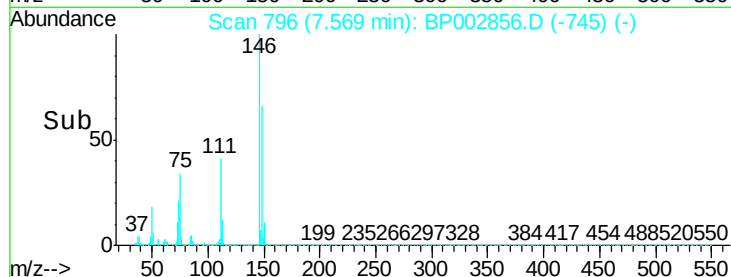
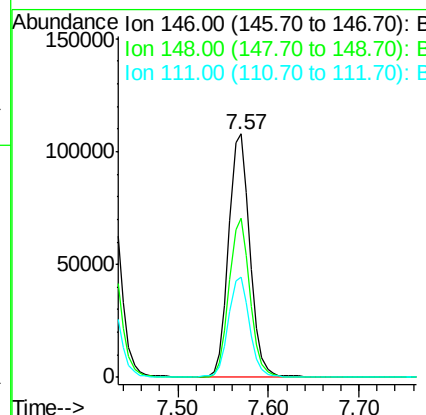
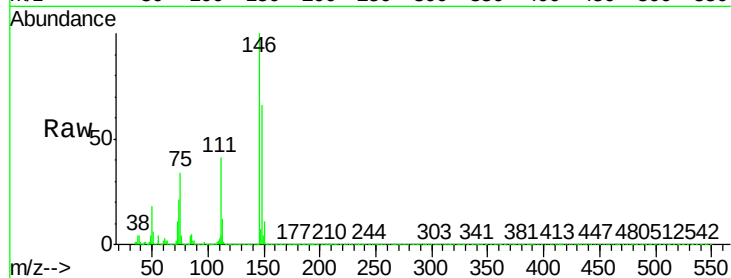




#13
1,4-Dichlorobenzene
Concen: 44.566 ng
RT: 7.57 min Scan# 796
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

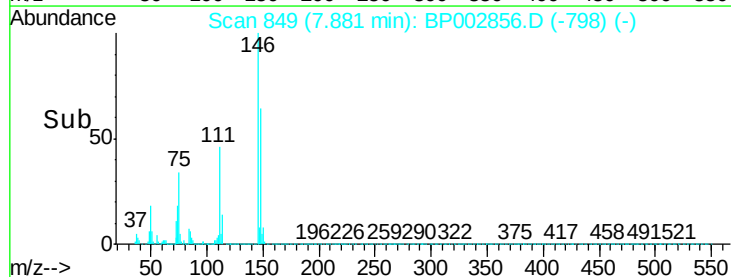
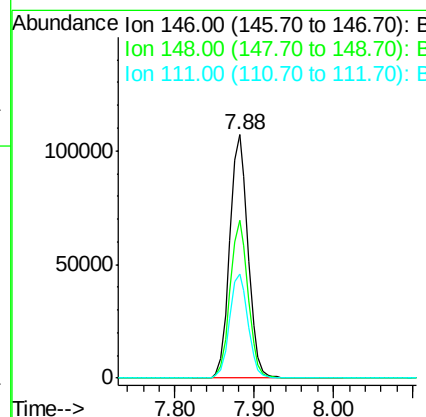
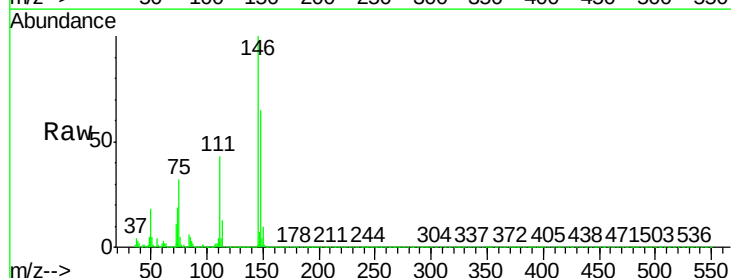
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

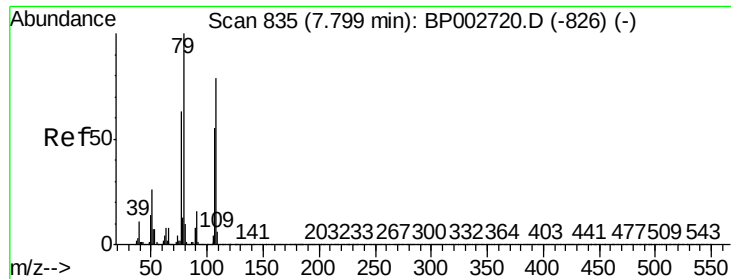
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.1	78.1
111	41.3	33.2	49.8



#14
1,2-Dichlorobenzene
Concen: 45.181 ng
RT: 7.88 min Scan# 849
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.6	77.4
111	42.9	35.2	52.8

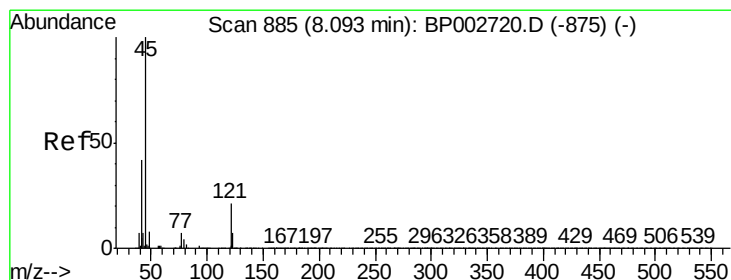
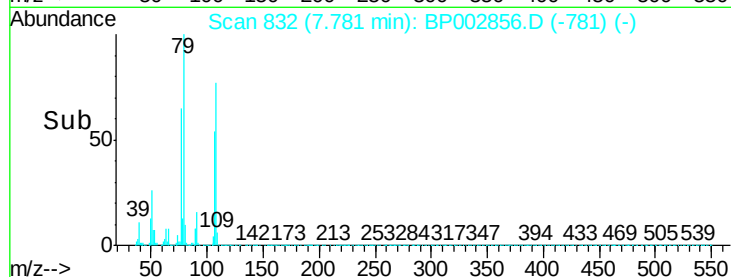
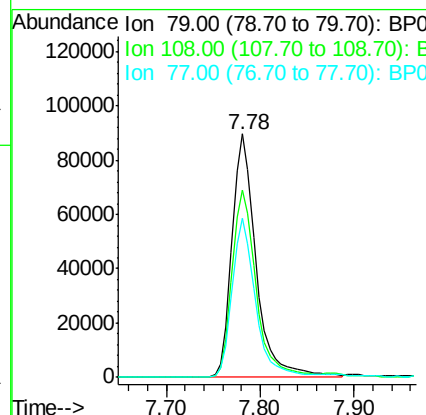
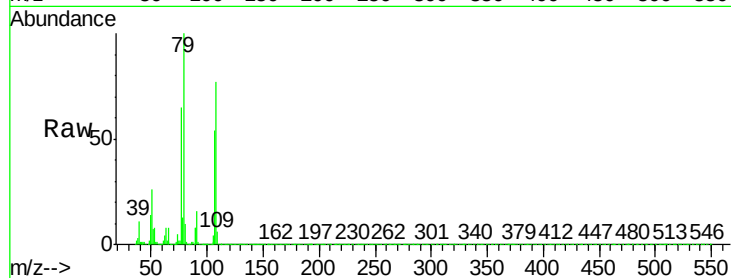




#15
Benzyl Alcohol
Concen: 54.342 ng
RT: 7.78 min Scan# 832
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

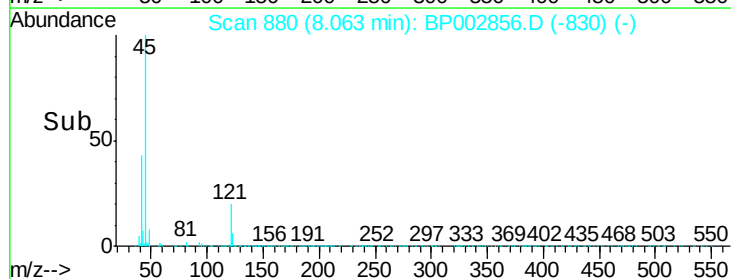
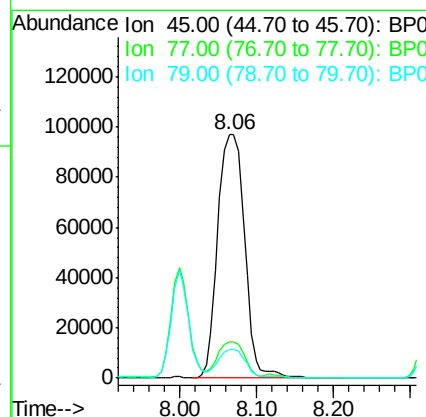
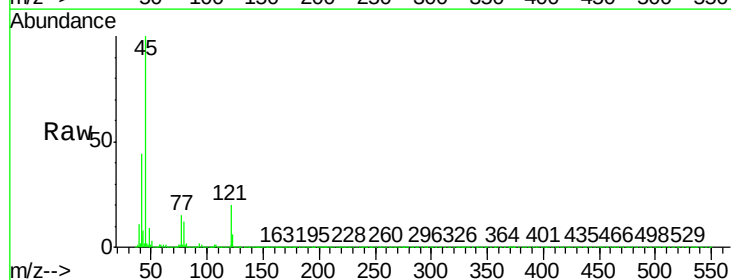
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

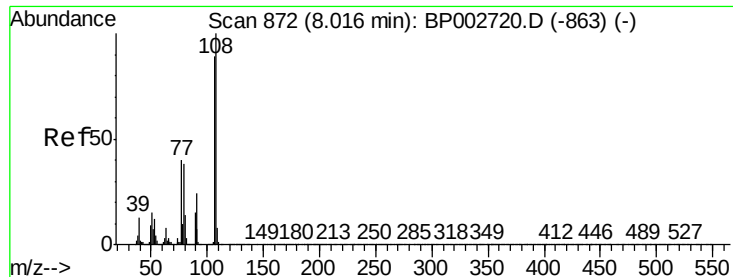
Tot Ion	Ratio	Lower	Upper
79	100		
108	76.8	60.7	91.1
77	65.2	50.5	75.7



#16
2,2'-oxybis(1-chloropropane)
Concen: 43.645 ng
RT: 8.06 min Scan# 880
Delta R.T. -0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.9
79	11.5	0.0	31.3





#17

2-Methylphenol

Concen: 48.230 ng

RT: 8.00 min Scan# 869

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

Tot Ion:107 Resp: 153744

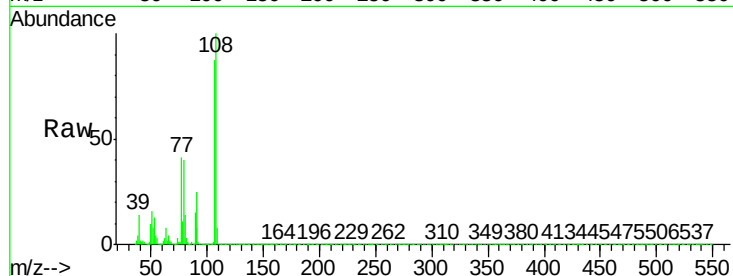
Ion Ratio Lower Upper

107 100

108 115.1 89.7 134.5

77 47.4 38.4 57.6

79 46.4 36.5 54.7

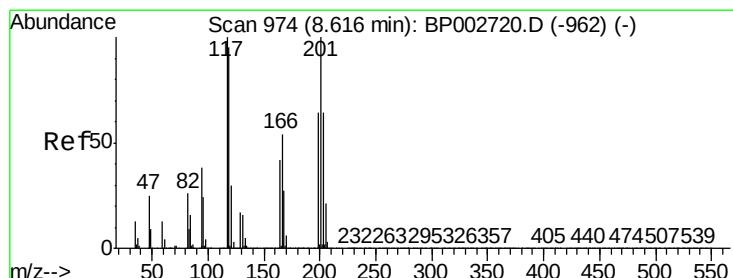
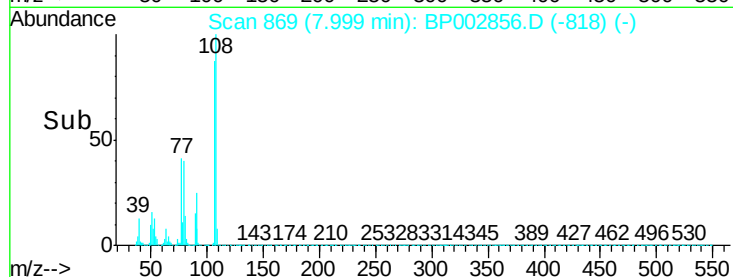
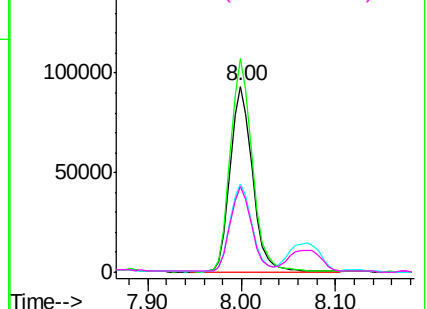


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 45.949 ng

RT: 8.59 min Scan# 970

Delta R.T. -0.01 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

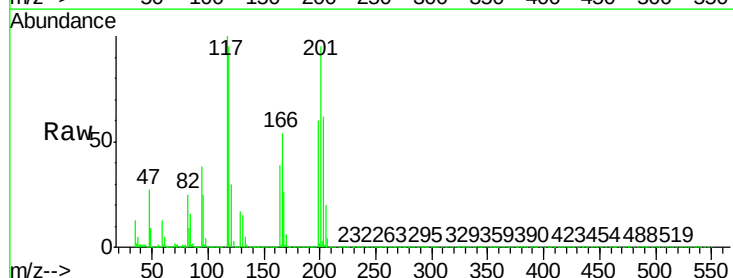
Tgt Ion:117 Resp: 63775

Ion Ratio Lower Upper

117 100

119 94.7 76.3 114.5

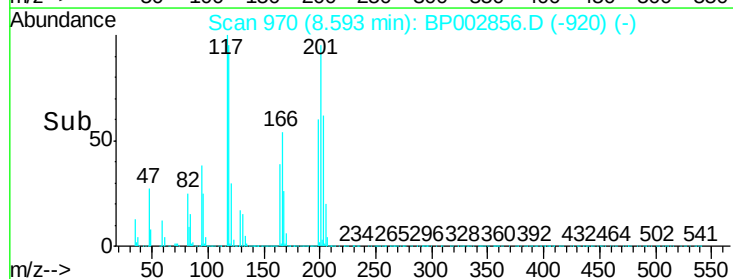
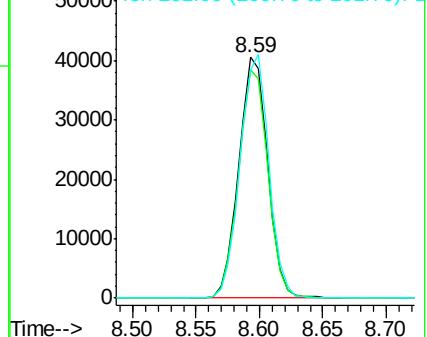
201 95.0 84.7 127.1

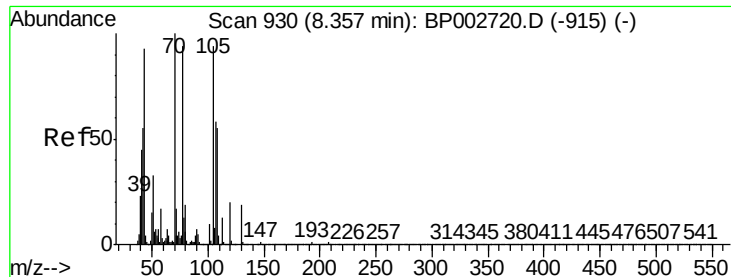


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

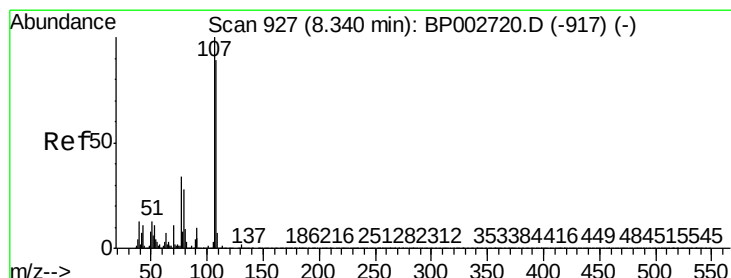
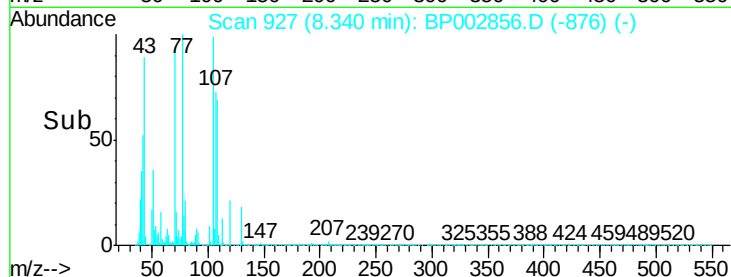
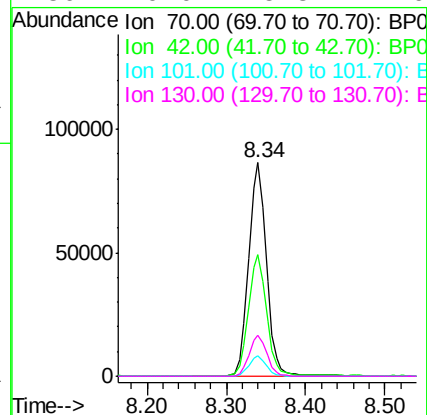
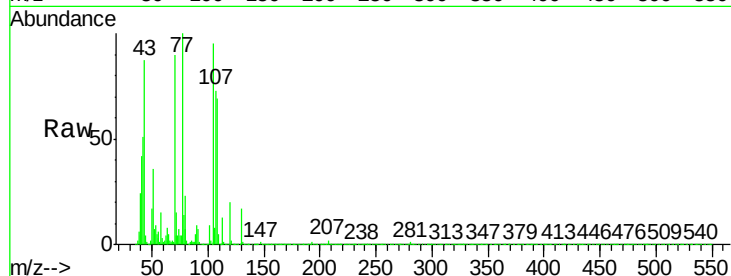




#19
n-Nitroso-di-n-propylamine
Concen: 50.388 ng
RT: 8.34 min Scan# 927
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

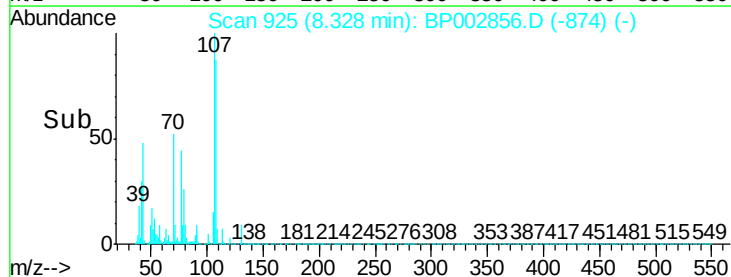
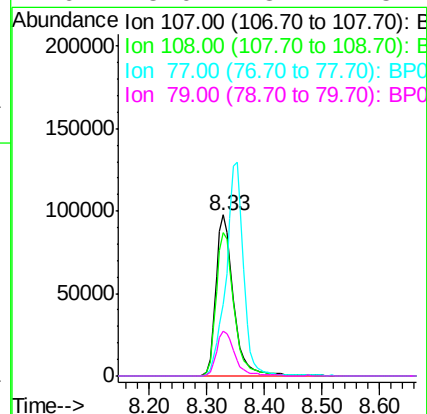
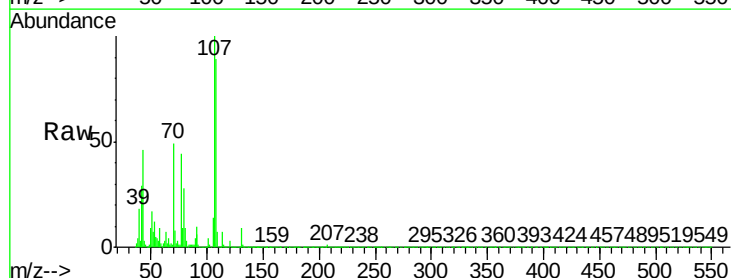
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

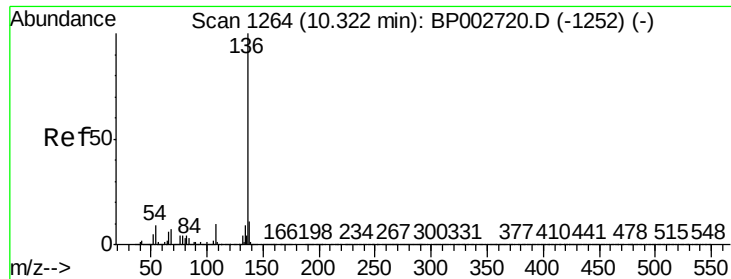
Tot Ion:	70	Resp:	134031
Ion	Ratio	Lower	Upper
70	100		
42	56.7	45.4	68.0
101	9.9	7.8	11.8
130	19.0	15.3	22.9



#20
3+4-Methylphenols
Concen: 49.035 ng
RT: 8.33 min Scan# 925
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:	107	Resp:	206686
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.6	108.6
77	44.3	18.7	58.7
79	28.0	8.4	48.4

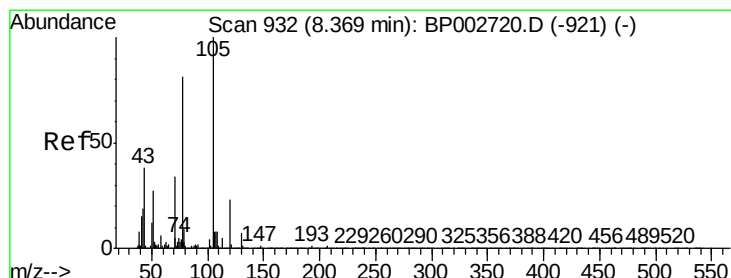
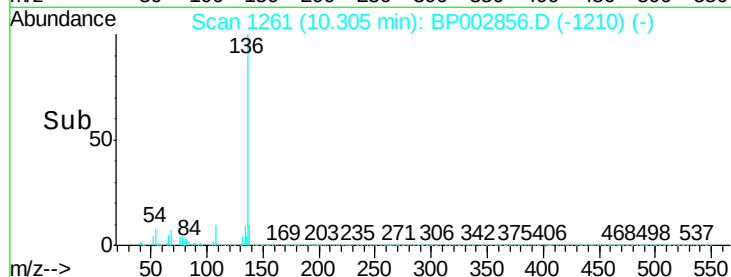
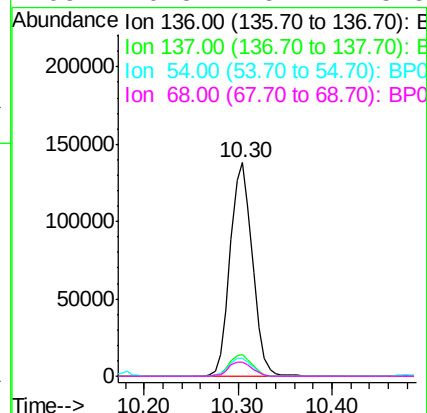
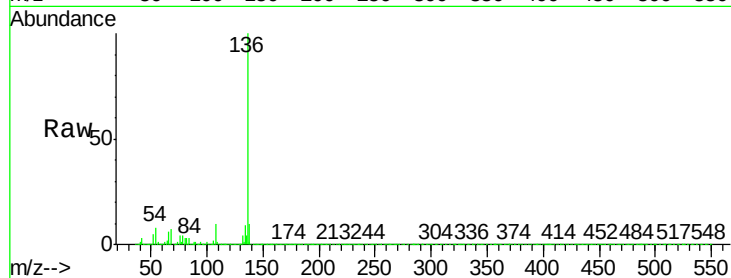




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

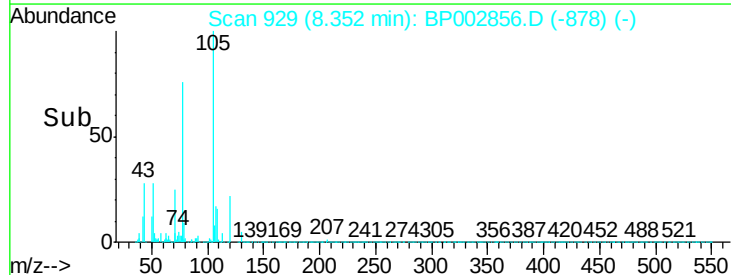
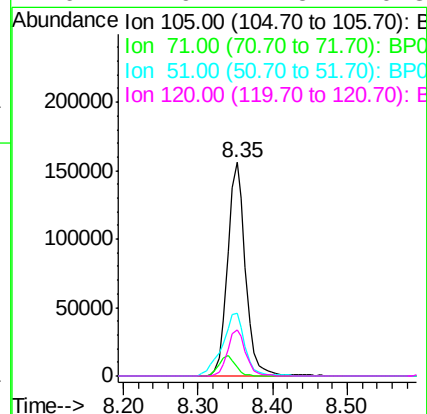
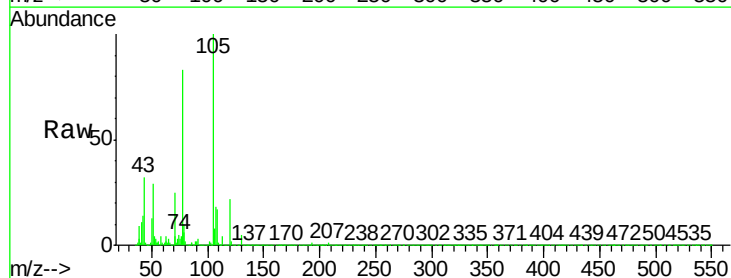
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

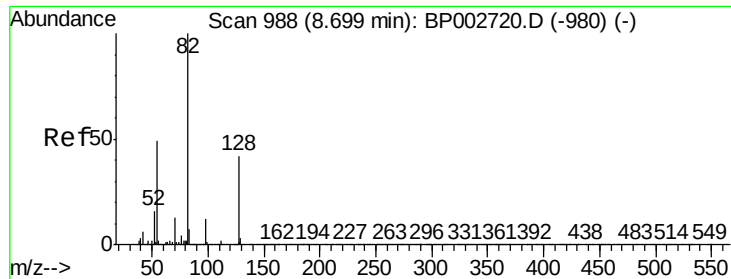
Tot Ion:136	Resp:	227488	
Ion Ratio	Lower	Upper	
136 100			
137 10.2	8.8	13.2	
54 8.5	7.3	10.9	
68 6.8	5.7	8.5	



#22
Acetophenone
Concen: 46.449 ng
RT: 8.35 min Scan# 929
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt	Ion:105	Resp:	260491
Ion	Ratio	Lower	Upper
105	100		
71	4.0	4.6	6.8#
51	29.1	23.8	35.8
120	21.9	17.5	26.3

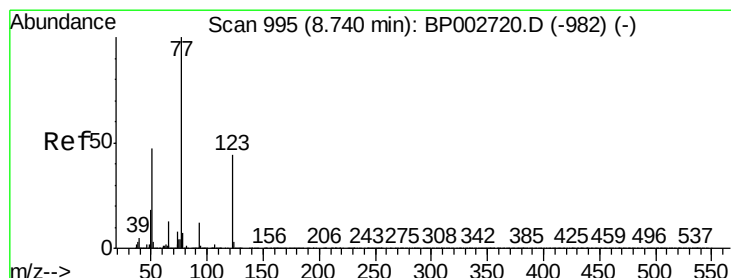
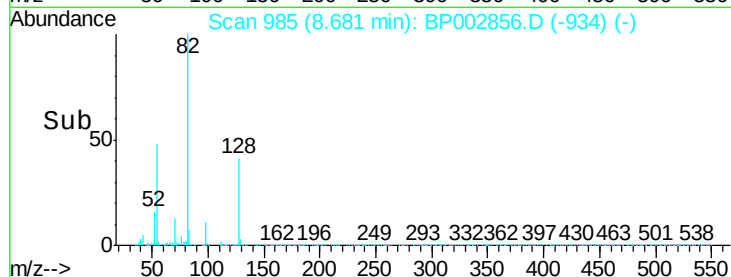
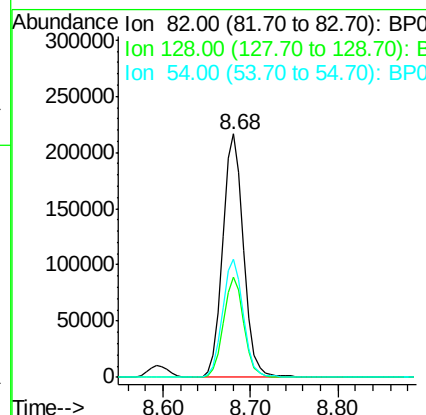
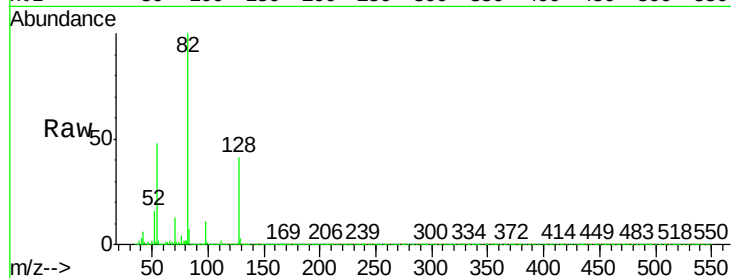




#23
Nitrobenzene-d5
Concen: 83.911 ng
RT: 8.68 min Scan# 985
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

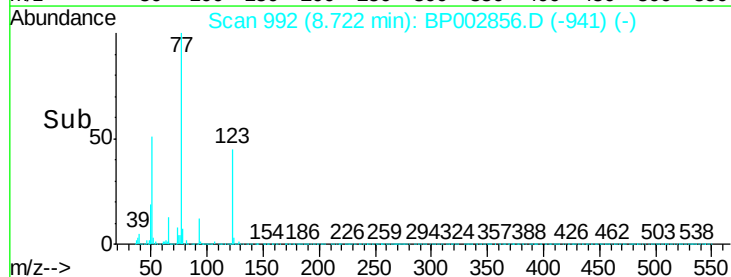
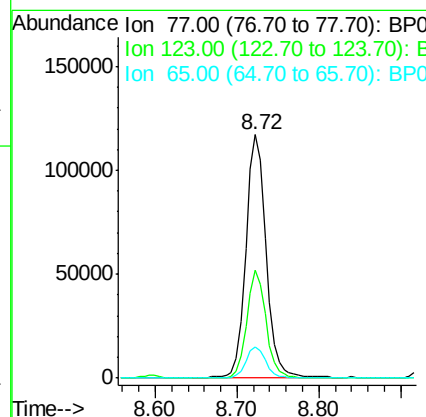
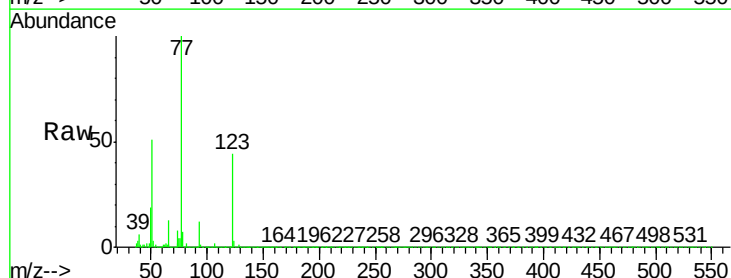
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

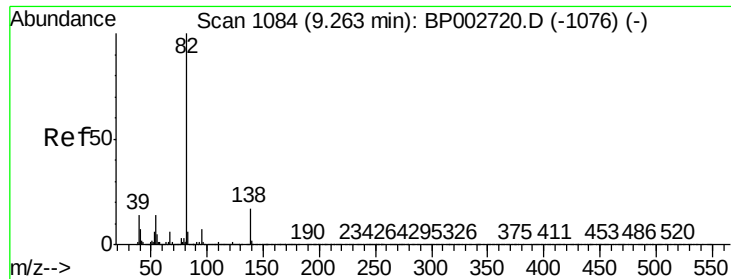
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.6	49.0
54	48.4	38.9	58.3



#24
Nitrobenzene
Concen: 43.327 ng
RT: 8.72 min Scan# 992
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	33.8	50.8
65	13.0	10.9	16.3

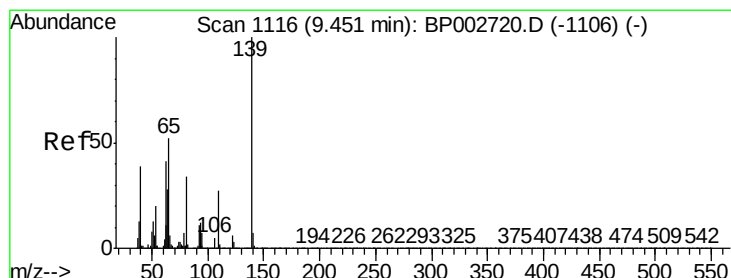
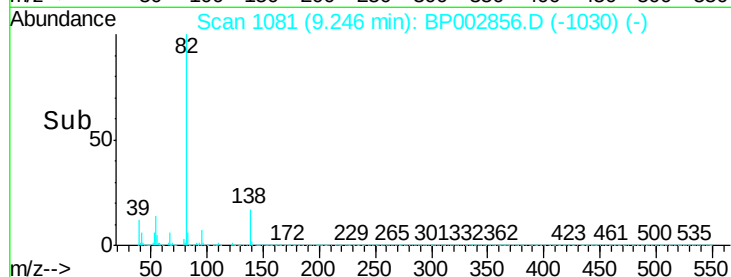
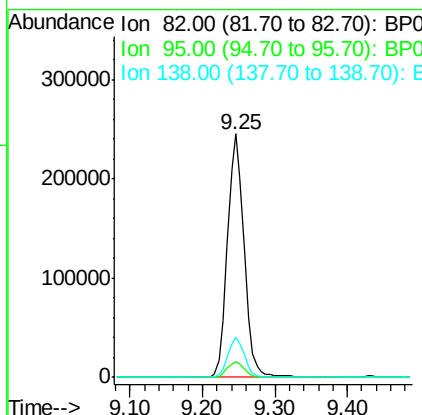
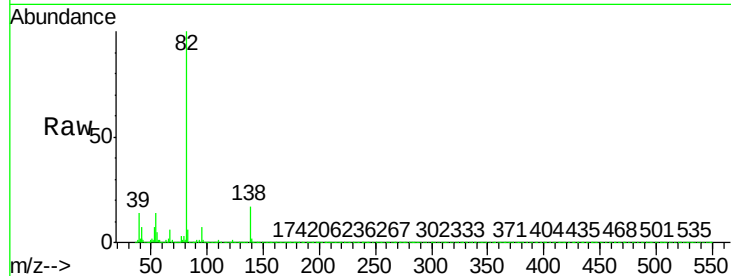




#25
Isophorone
Concen: 45.150 ng
RT: 9.25 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

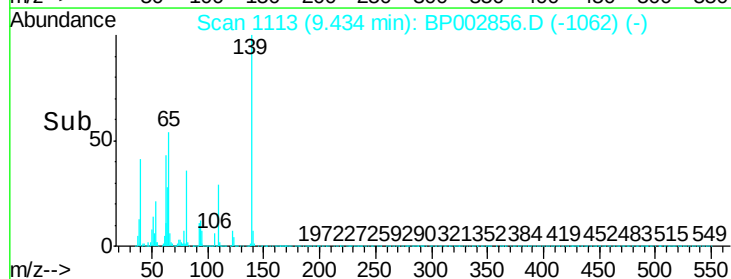
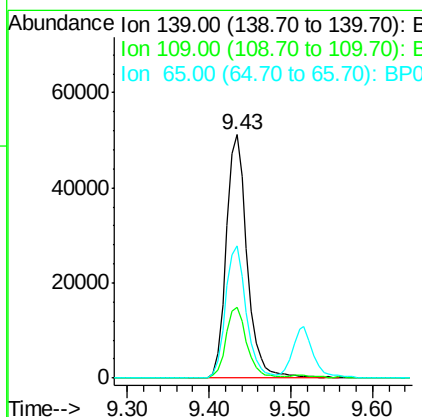
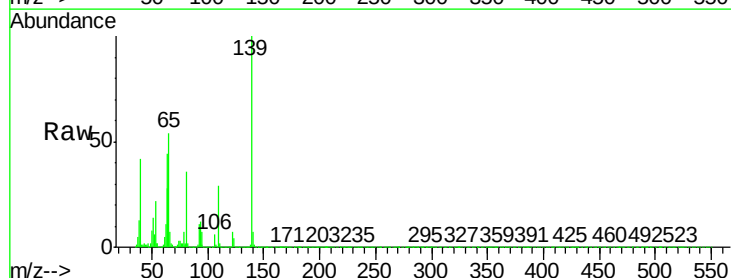
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

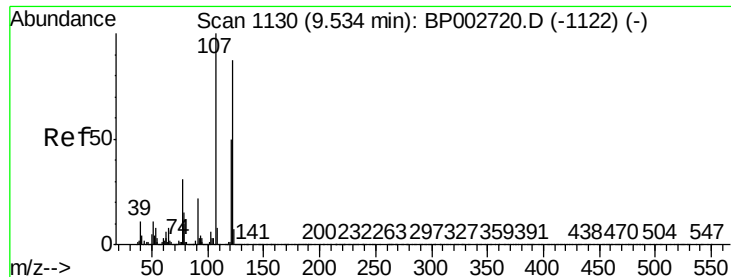
Tot Ion: 82 Resp: 391399
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 16.7 12.6 18.8



#26
2-Nitrophenol
Concen: 45.600 ng
RT: 9.43 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion: 139 Resp: 90726
Ion Ratio Lower Upper
139 100
109 29.0 25.0 37.6
65 54.2 44.2 66.2





#27

2,4-Dimethylphenol

Concen: 52.826 ng

RT: 9.52 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

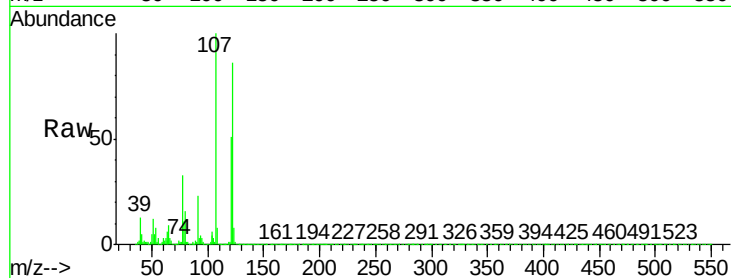
Tot Ion:122 Resp: 170633

Ion Ratio Lower Upper

122 100

107 115.8 94.9 142.3

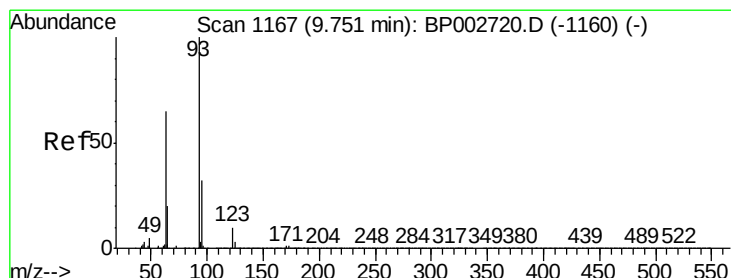
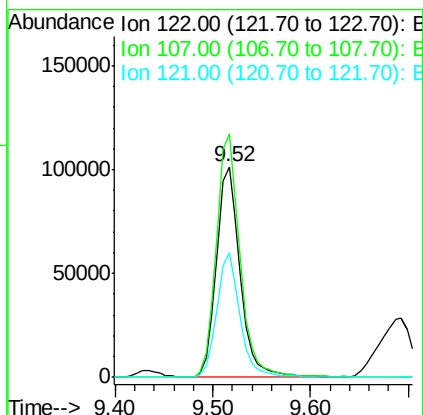
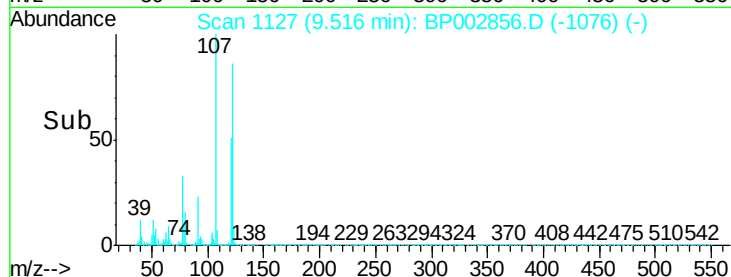
121 59.3 47.1 70.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.102 ng

RT: 9.73 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

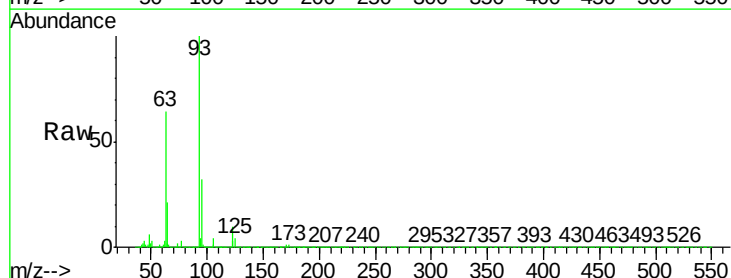
Tgt Ion: 93 Resp: 237484

Ion Ratio Lower Upper

93 100

95 32.3 24.9 37.3

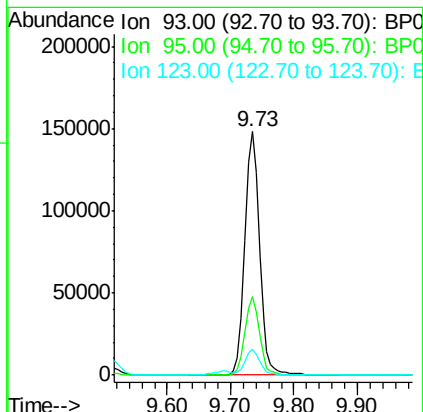
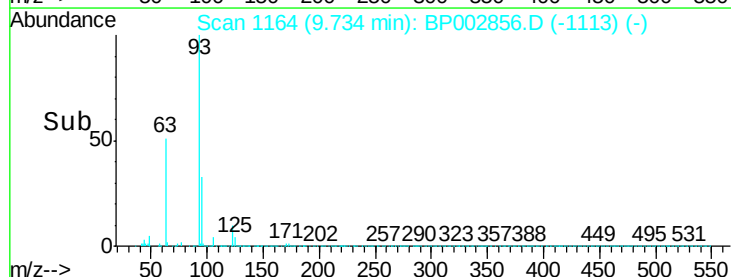
123 10.5 8.4 12.6

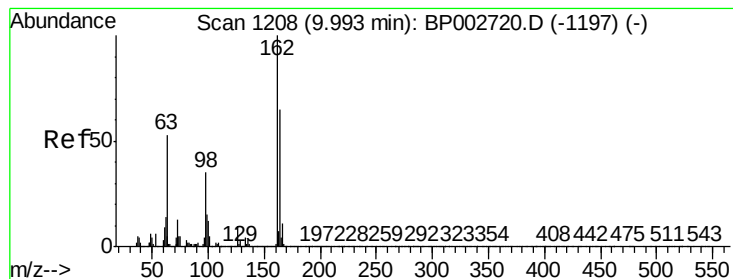


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.390 ng

RT: 9.98 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

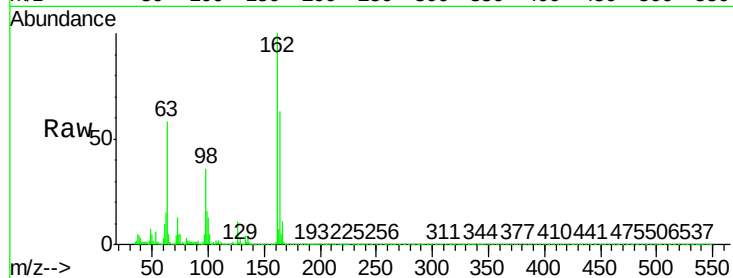
Tot Ion:162 Resp: 172327

Ion Ratio Lower Upper

162 100

164 62.8 44.1 84.1

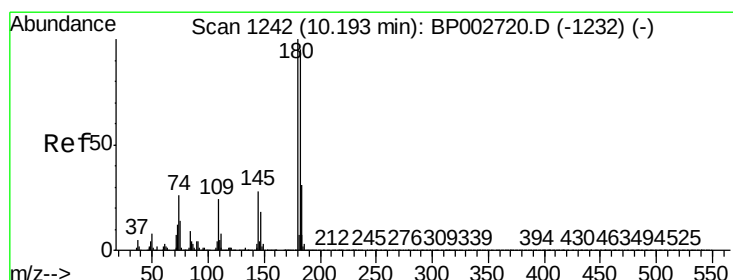
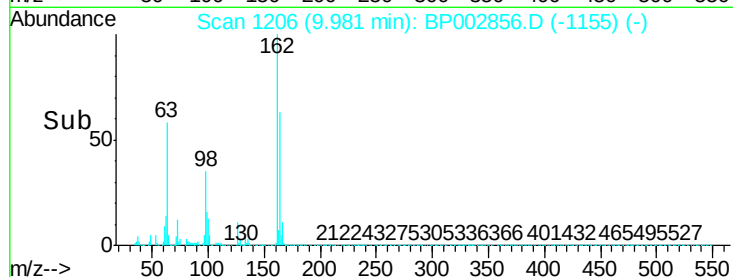
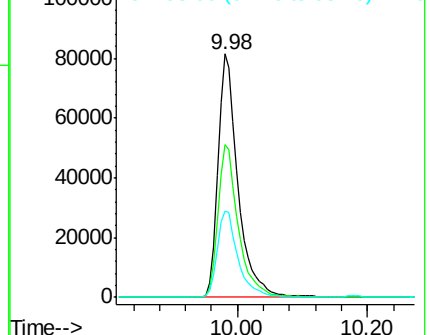
98 35.5 18.0 58.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.824 ng

RT: 10.18 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

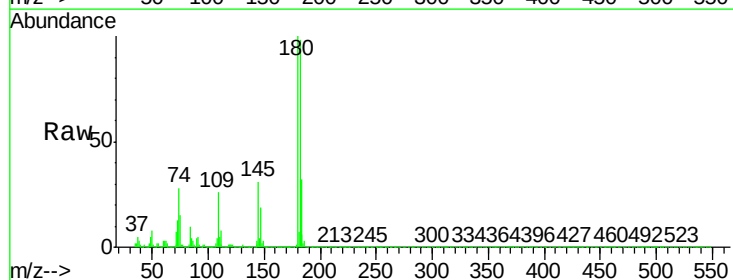
Tgt Ion:180 Resp: 166522

Ion Ratio Lower Upper

180 100

182 98.4 77.0 115.6

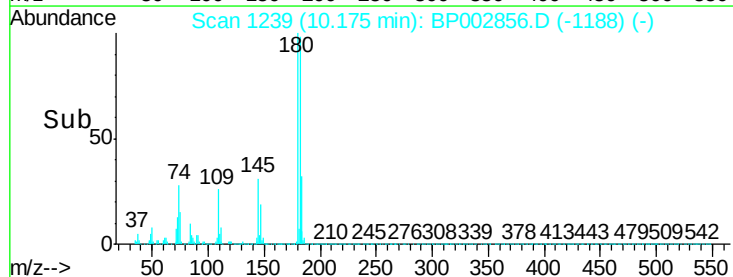
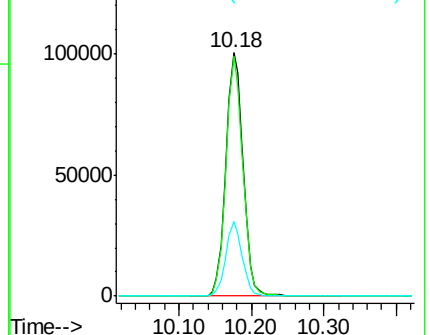
145 30.7 22.7 34.1

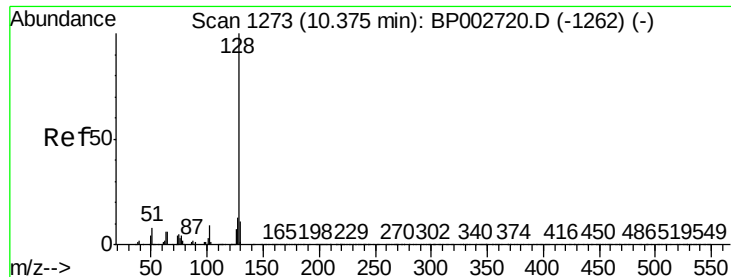


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

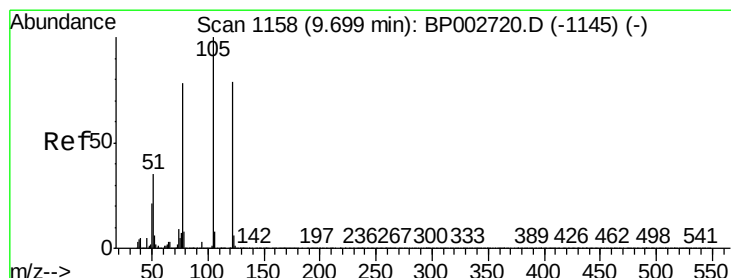
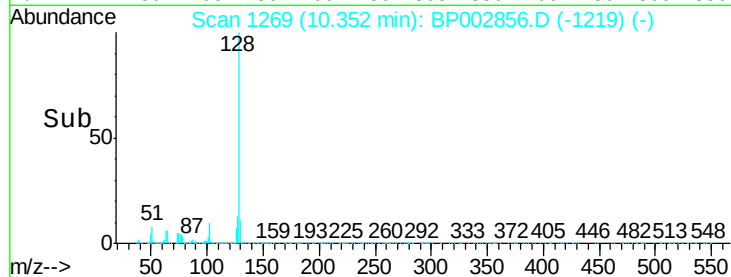
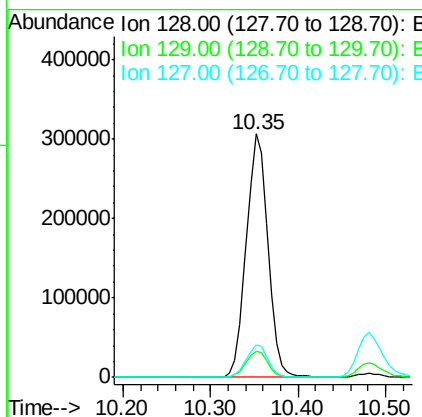
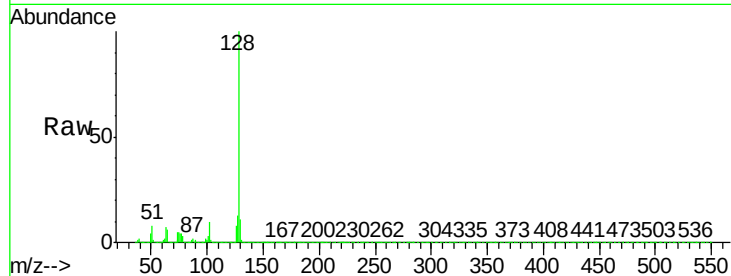




#31
Naphthalene
Concen: 42.699 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

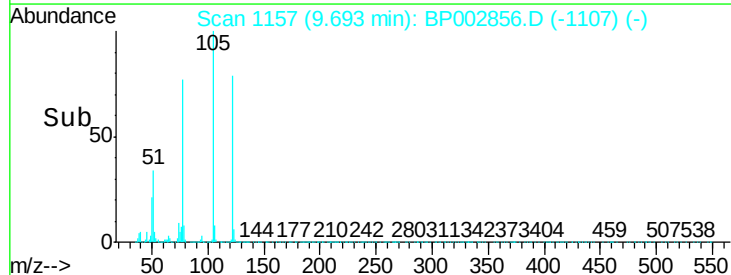
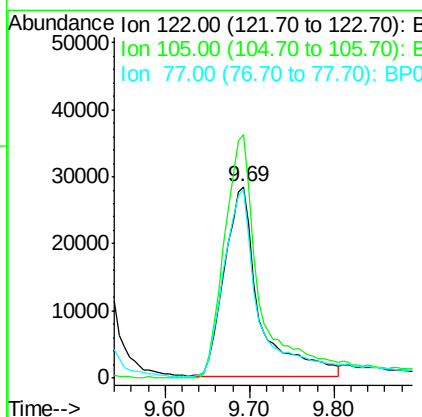
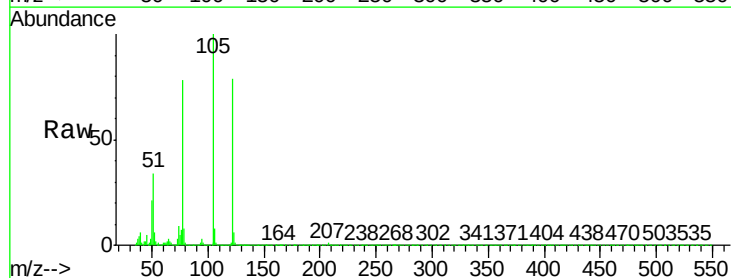
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

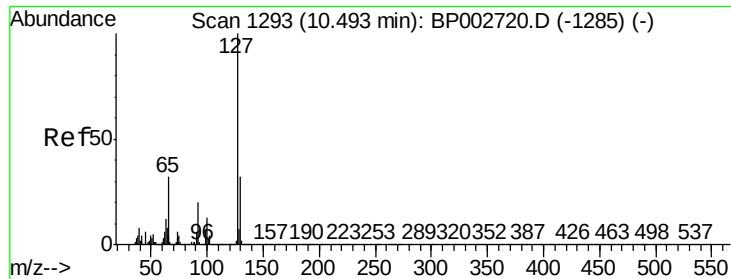
Tot Ion:	128	Resp:	512826
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.2	10.6	15.8



#32
Benzoic acid
Concen: 34.933 ng
RT: 9.69 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:	122	Resp:	81663
Ion	Ratio	Lower	Upper
122	100		
105	127.1	101.9	141.9
77	98.6	78.0	118.0

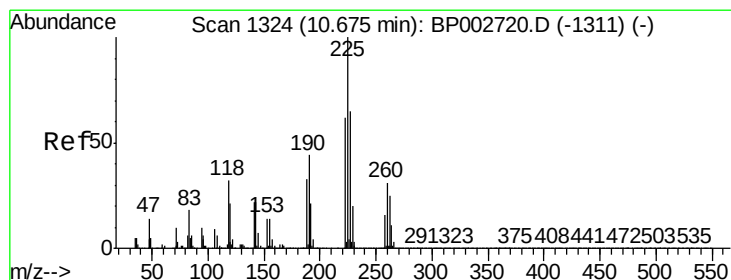
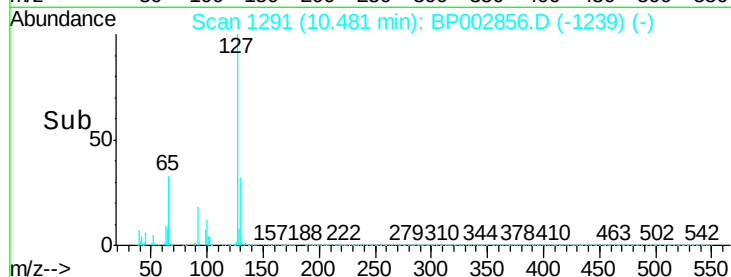
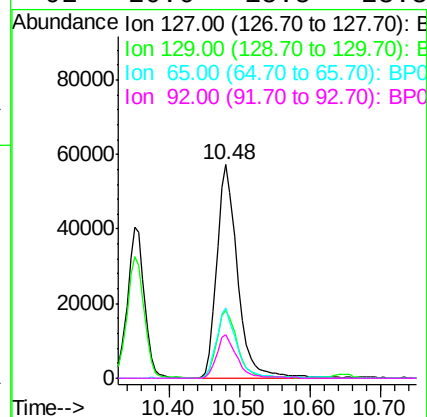
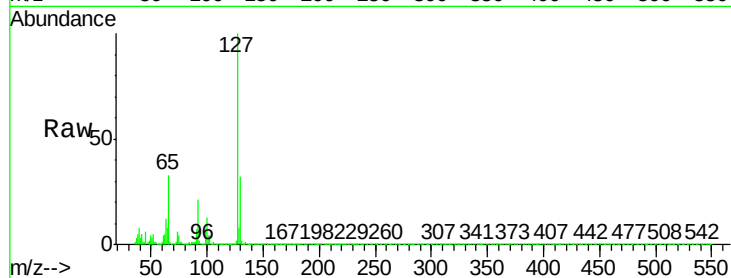




#33
4-Chloroaniline
Concen: 22.572 ng
RT: 10.48 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

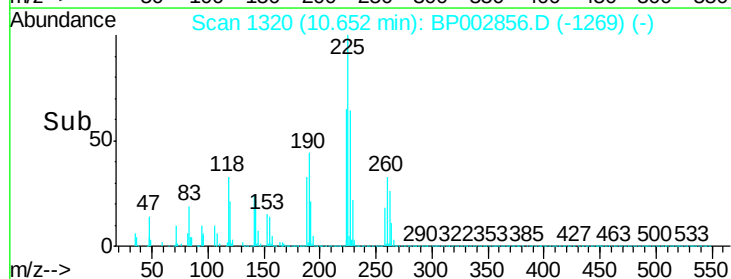
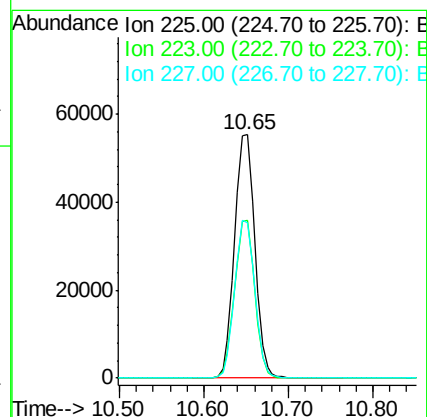
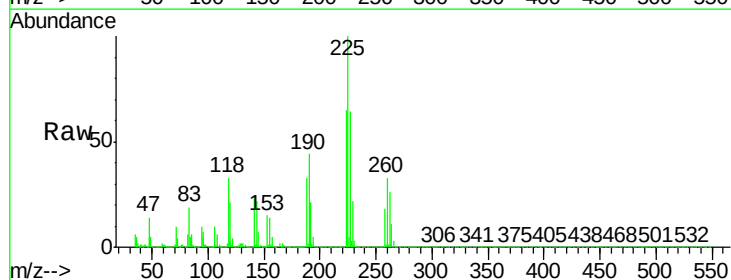
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

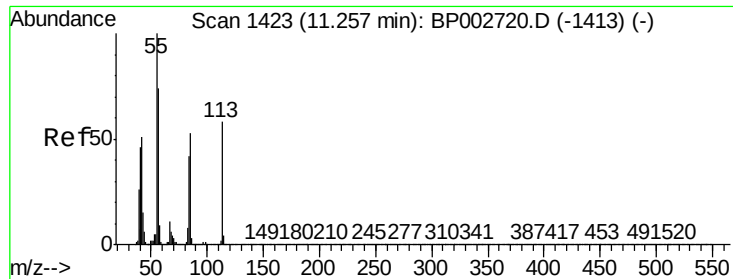
Tot Ion:	127	Resp:	116169
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	33.0	25.4	38.0
92	20.6	15.5	23.3



#34
Hexachlorobutadiene
Concen: 38.662 ng
RT: 10.65 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:	225	Resp:	91151
Ion	Ratio	Lower	Upper
225	100		
223	65.0	49.0	73.6
227	63.9	56.6	85.0

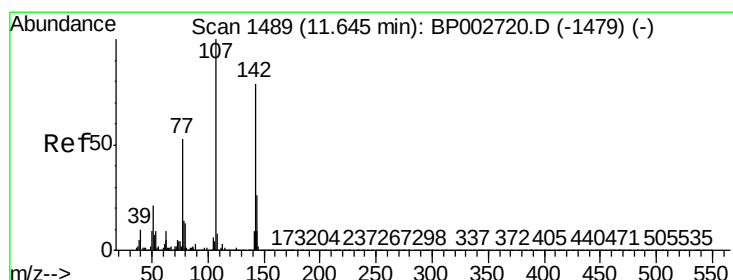
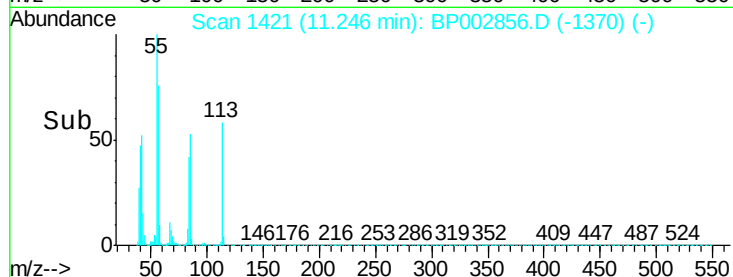
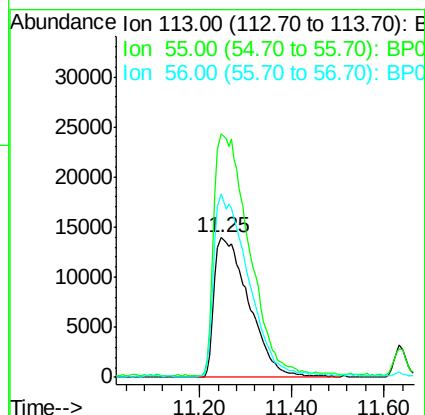
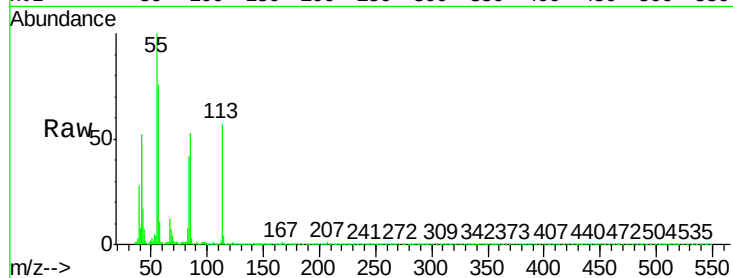




#35
Caprolactam
Concen: 58.448 ng
RT: 11.25 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

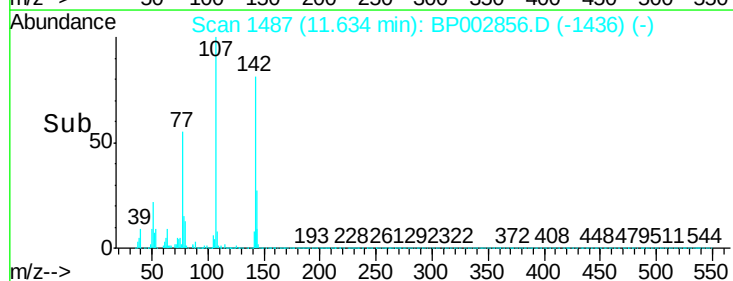
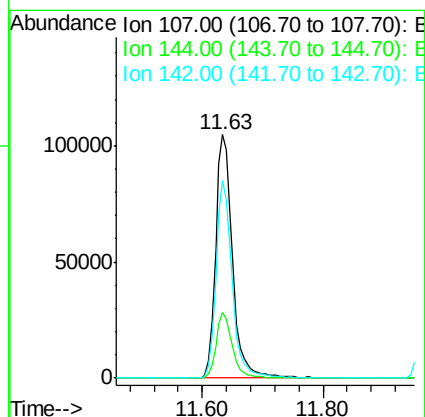
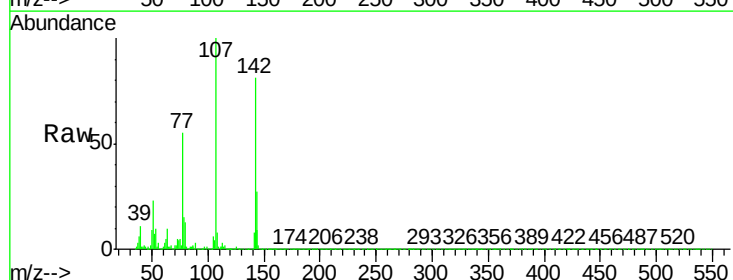
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

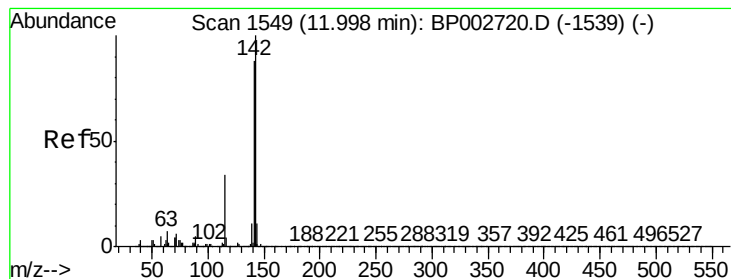
Tot Ion:113 Resp: 72777
Ion Ratio Lower Upper
113 100
55 174.7 155.6 195.6
56 131.9 111.2 151.2



#36
4-Chloro-3-methylphenol
Concen: 52.216 ng
RT: 11.63 min Scan# 1487
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:107 Resp: 200440
Ion Ratio Lower Upper
107 100
144 27.1 20.2 30.2
142 81.3 61.4 92.2





#37

2-Methylnaphthalene

Concen: 45.340 ng

RT: 11.98 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

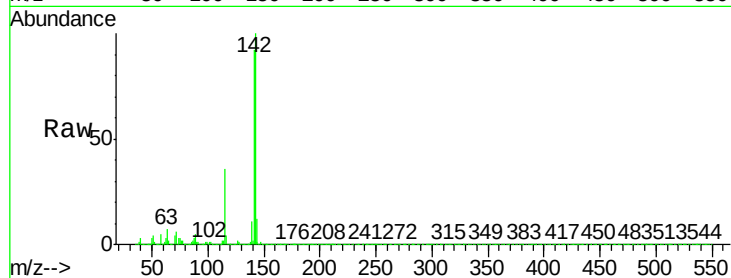
Tot Ion:142 Resp: 384267

Ion Ratio Lower Upper

142 100

141 92.0 67.4 101.0

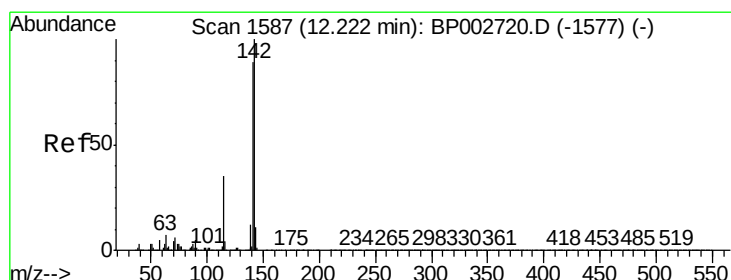
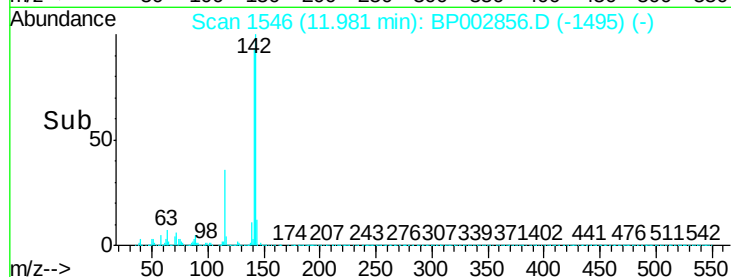
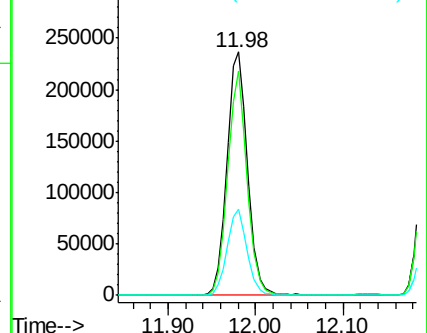
115 35.6 27.5 41.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 45.564 ng

RT: 12.20 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

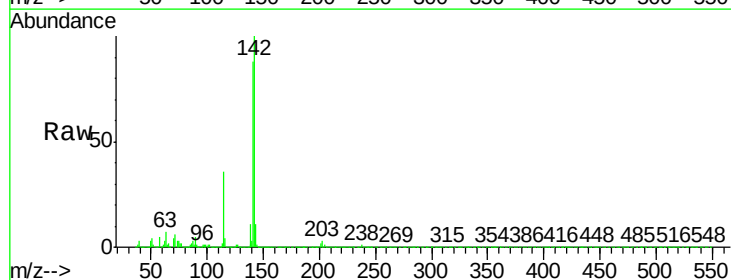
Tgt Ion:142 Resp: 365246

Ion Ratio Lower Upper

142 100

141 88.5 70.9 106.3

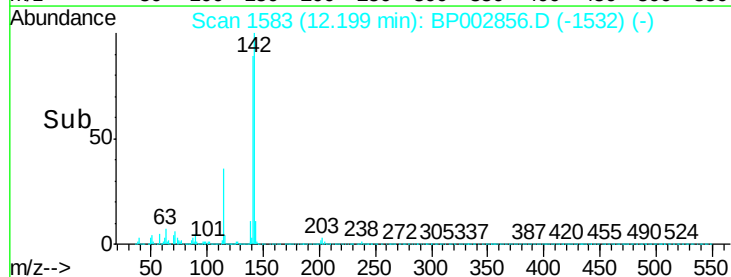
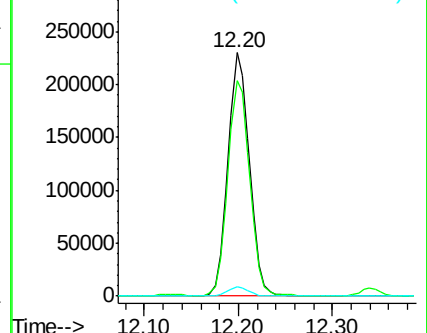
116 3.8 3.0 4.6

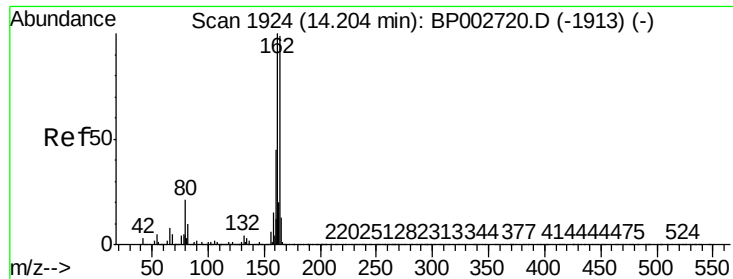


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

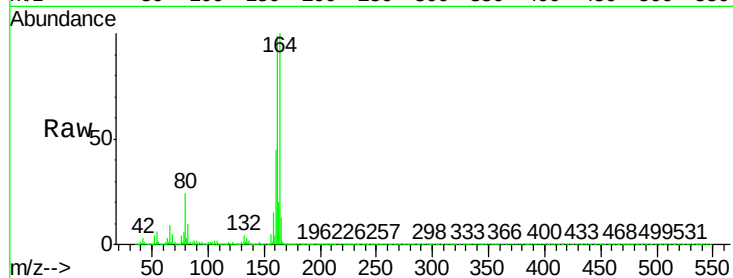
Tot Ion:164 Resp: 154483

Ion Ratio Lower Upper

164 100

162 99.1 78.4 117.6

160 45.1 36.1 54.1

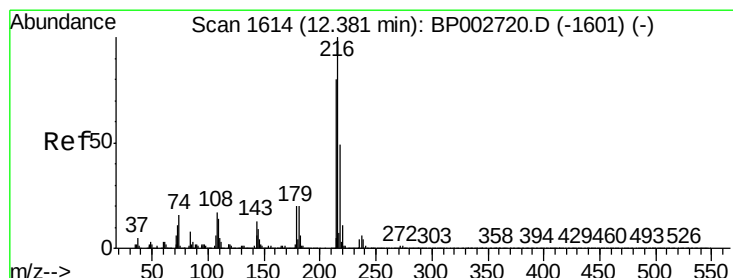
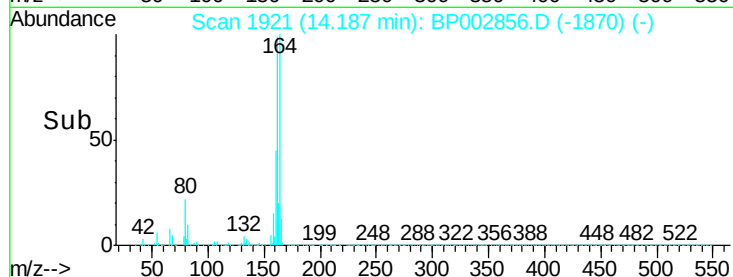
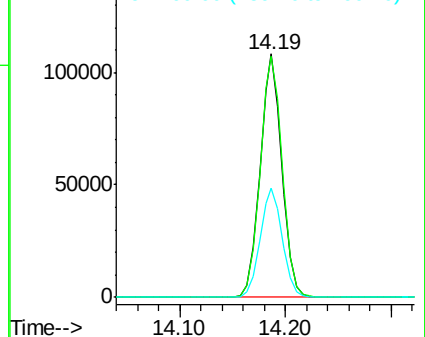


Abundance

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: 40.341 ng

RT: 12.36 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Tgt Ion:216 Resp: 191527

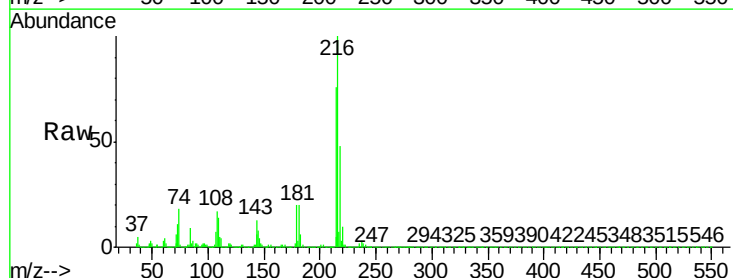
Ion Ratio Lower Upper

216 100

214 78.5 62.8 94.2

179 20.7 16.4 24.6

108 18.8 14.9 22.3



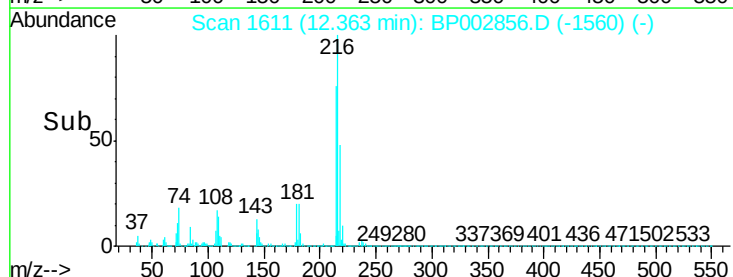
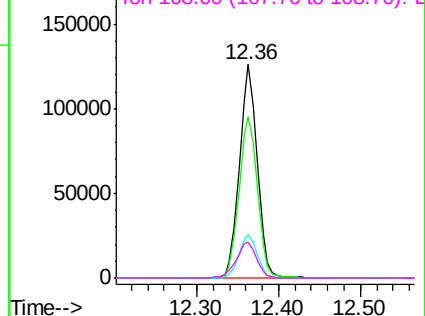
Abundance

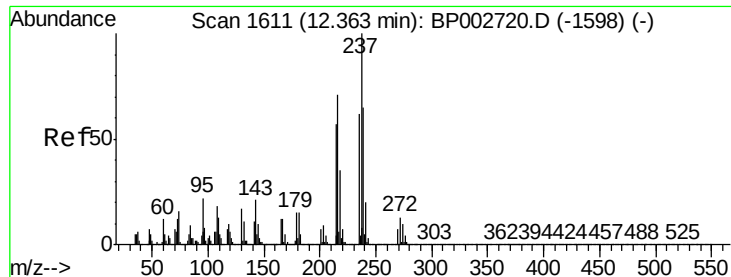
Ion 216.00 (215.70 to 216.70): E

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

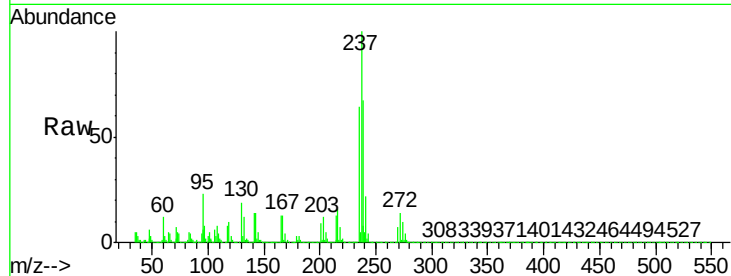




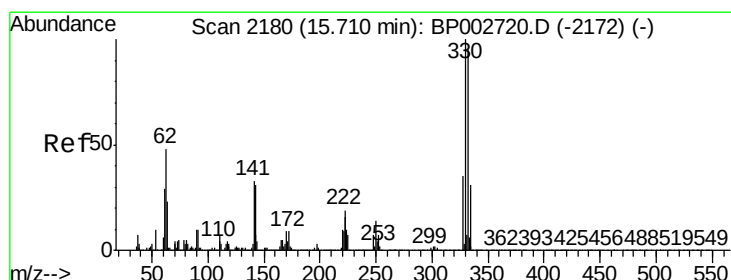
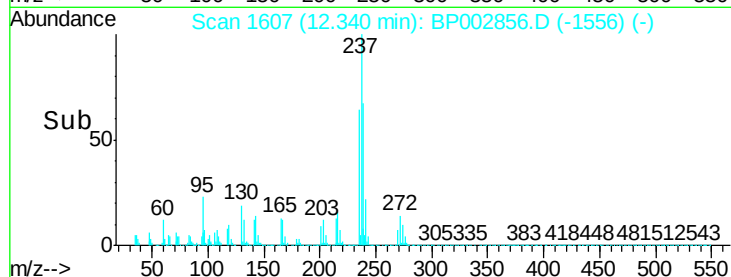
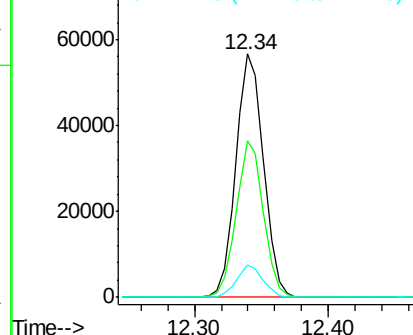
#41
Hexachlorocyclopentadiene
Concen: 42.717 ng
RT: 12.34 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Instrument :
BNA_P
ClientSampleId :
CTR-020MS

Tot Ion:237 Resp: 81802
Ion Ratio Lower Upper
237 100
235 64.2 40.9 80.9
272 13.5 0.0 32.1

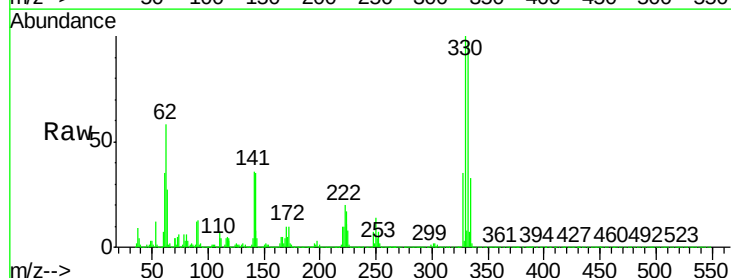


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

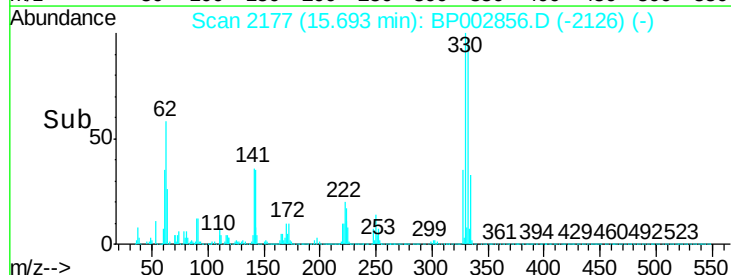
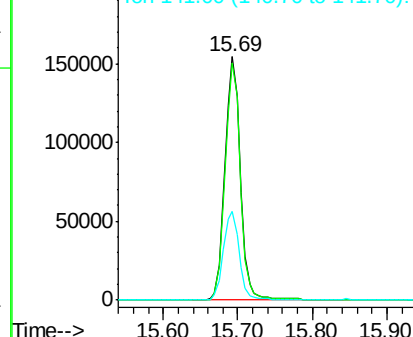


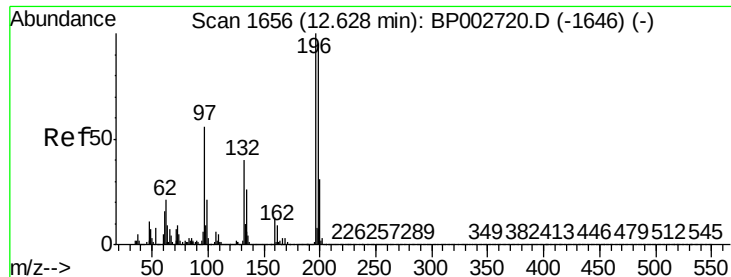
#42
2,4,6-Tribromophenol
Concen: 137.989 ng
RT: 15.69 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:330 Resp: 222515
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 37.2 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

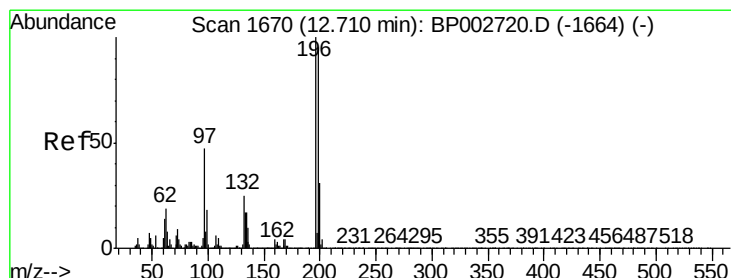
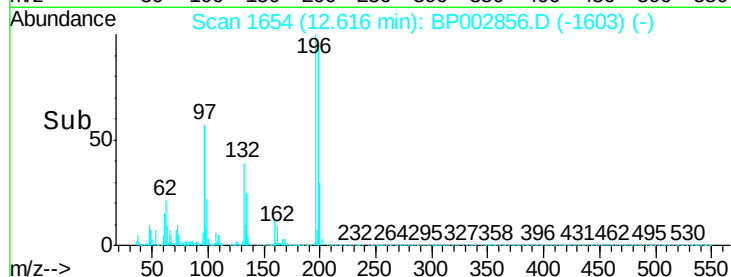
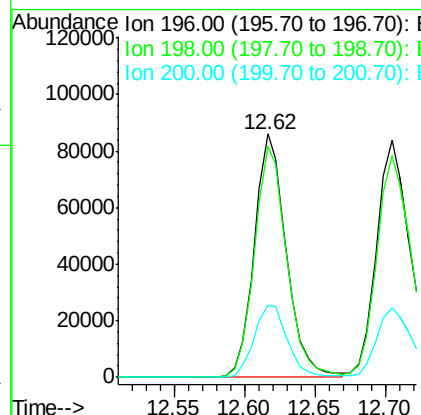
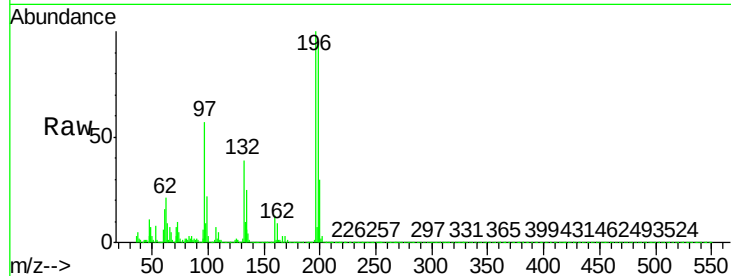




#43
 2,4,6-Trichlorophenol
 Concen: 44.976 ng
 RT: 12.62 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

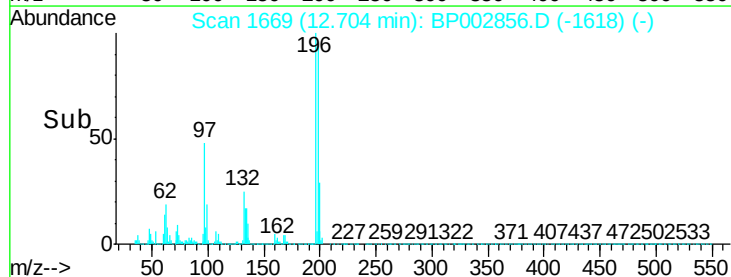
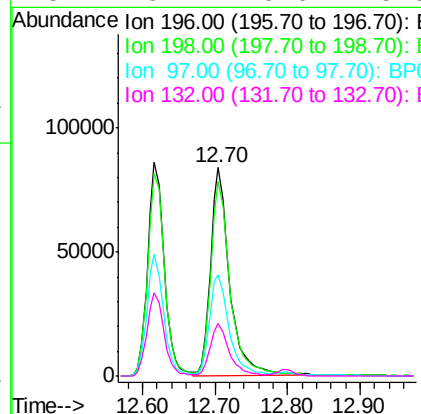
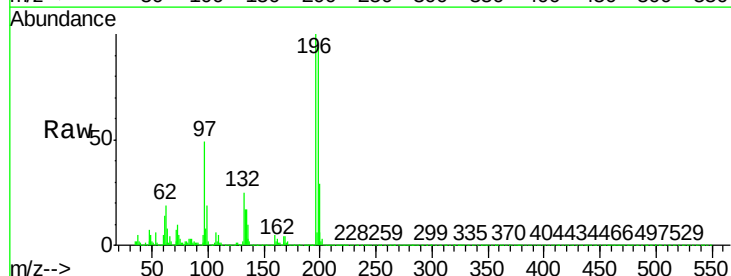
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MS

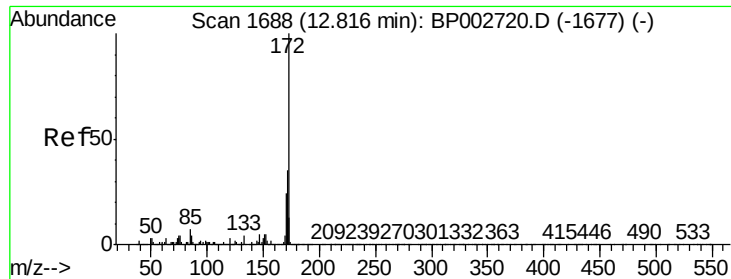
Tot Ion:196 Resp: 136679
 Ion Ratio Lower Upper
 196 100
 198 94.8 79.3 118.9
 200 29.9 25.7 38.5



#44
 2,4,5-Trichlorophenol
 Concen: 43.622 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. 0.00 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

Tgt Ion:196 Resp: 153754
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.9 112.3
 97 48.6 38.6 57.8
 132 25.4 19.0 28.6

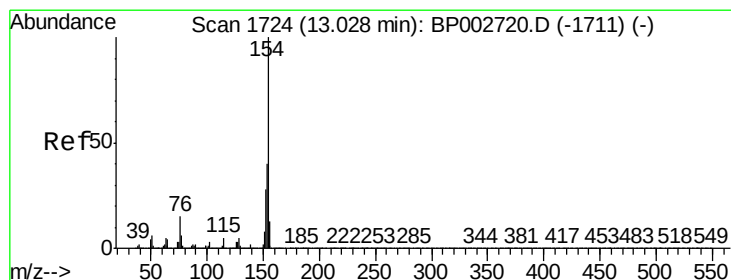
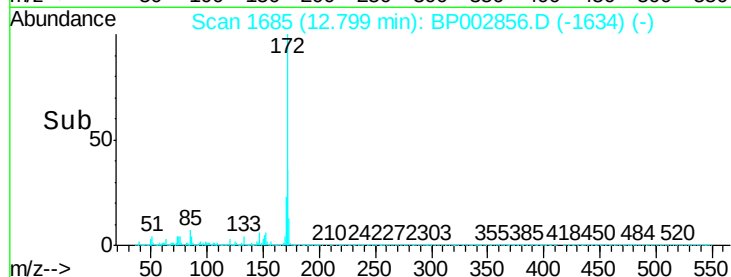
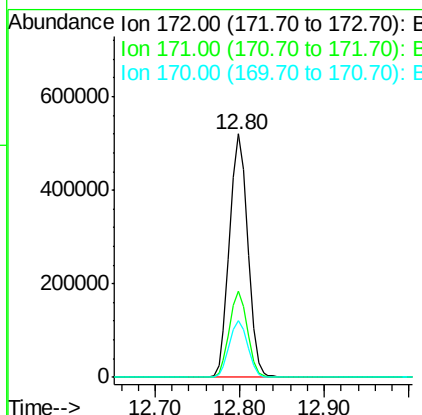
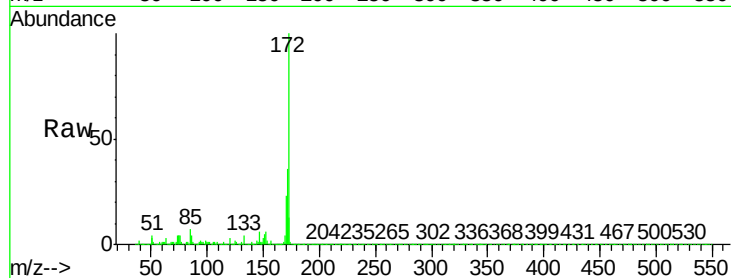




#45
2-Fluorobiphenyl
Concen: 77.827 ng
RT: 12.80 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

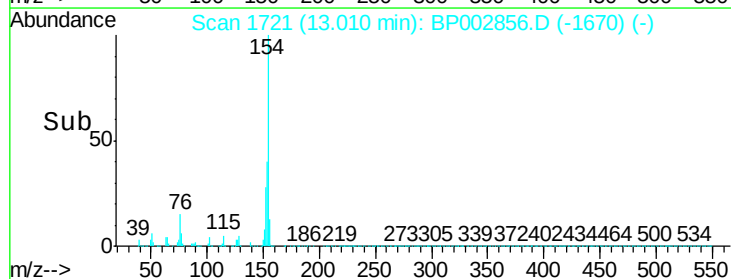
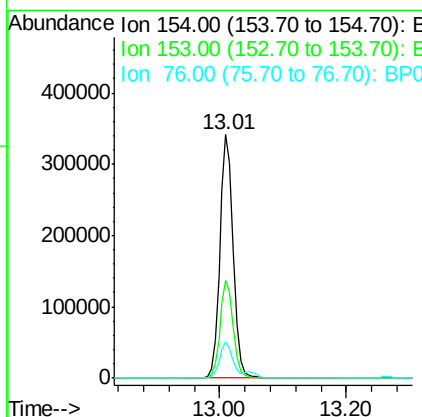
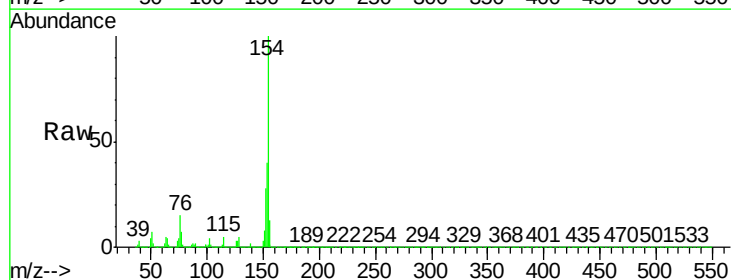
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

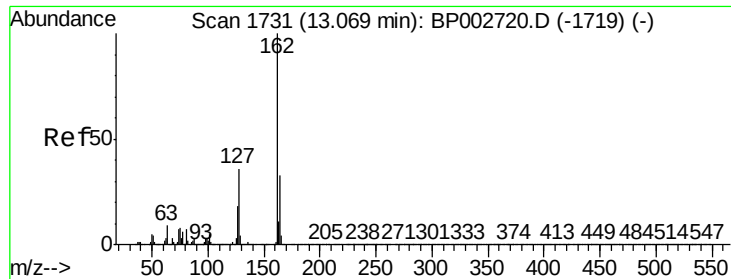
Tot Ion:172 Resp: 777193
Ion Ratio Lower Upper
172 100
171 35.6 27.0 40.4
170 23.2 19.4 29.2



#46
1,1'-Biphenyl
Concen: 43.400 ng
RT: 13.01 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:154 Resp: 499835
Ion Ratio Lower Upper
154 100
153 40.2 18.5 58.5
76 14.8 0.0 34.4

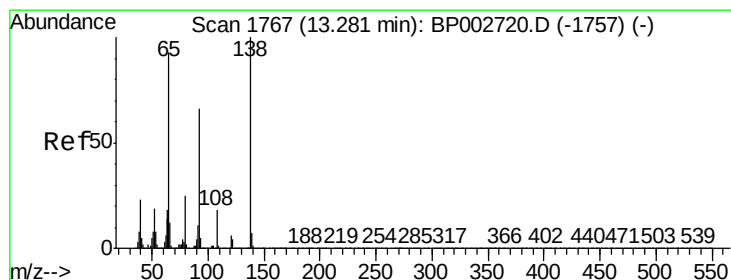
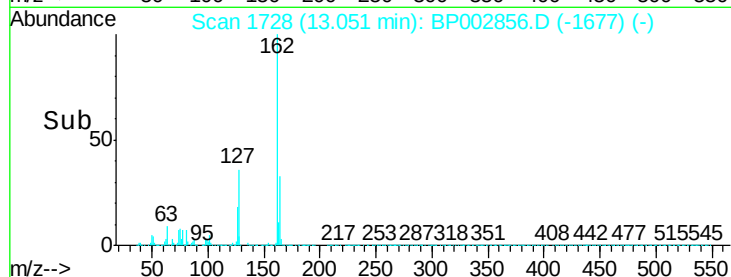
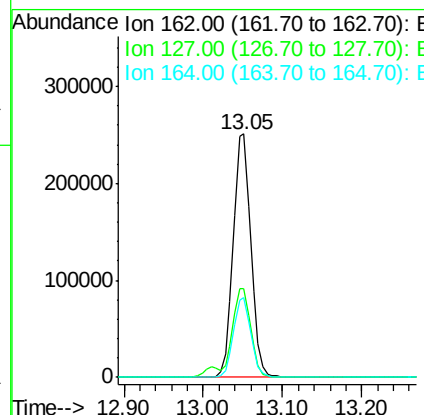
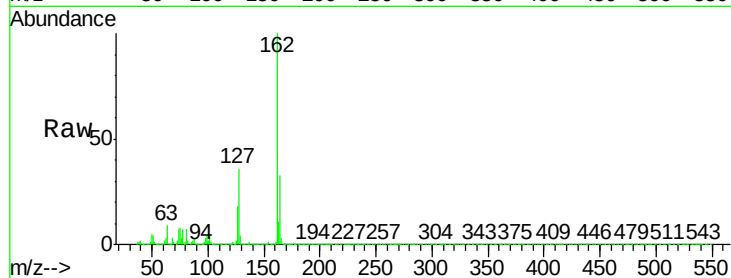




#47
2-Chloronaphthalene
Concen: 41.316 ng
RT: 13.05 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

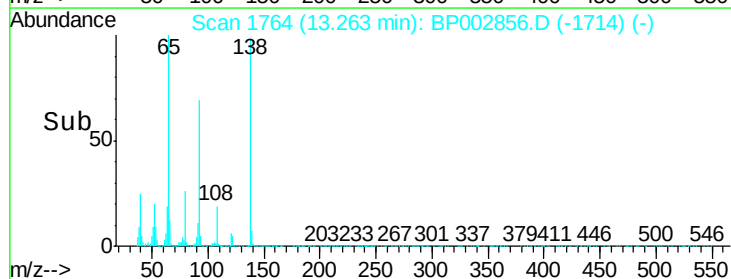
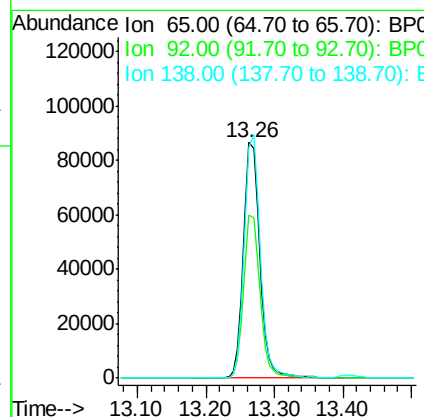
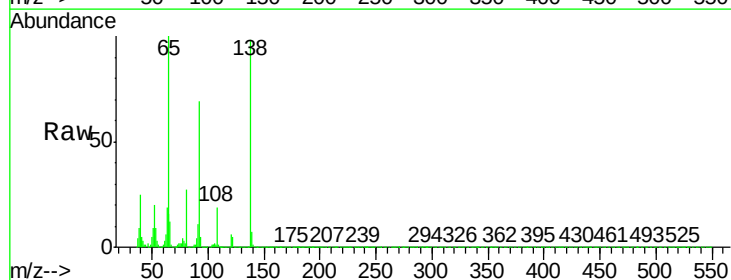
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

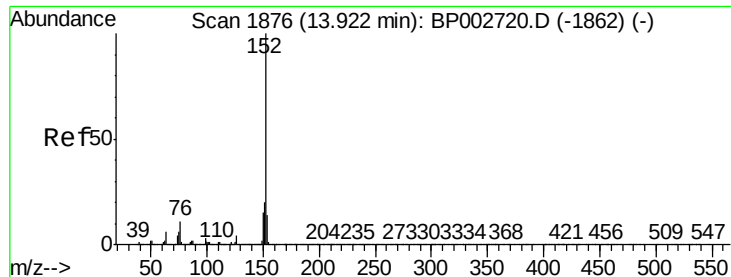
Tot Ion:162 Resp: 386483
Ion Ratio Lower Upper
162 100
127 36.4 30.9 46.3
164 32.7 26.8 40.2



#48
2-Nitroaniline
Concen: 49.727 ng
RT: 13.26 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion: 65 Resp: 143786
Ion Ratio Lower Upper
65 100
92 69.1 55.5 83.3
138 97.7 80.0 120.0





#49

Acenaphthylene

Concen: 45.496 ng

RT: 13.90 min Scan# 1873

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

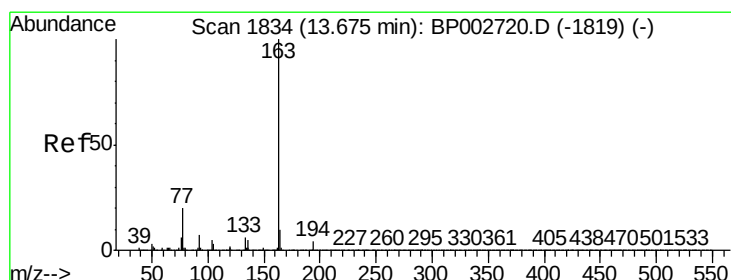
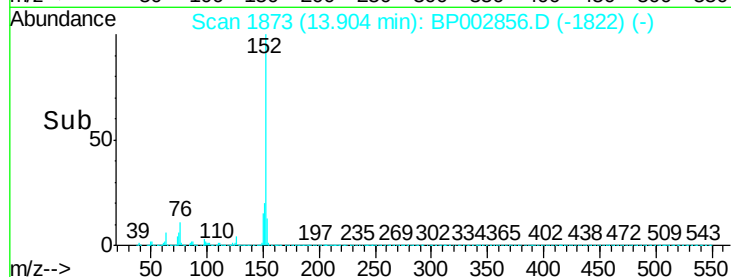
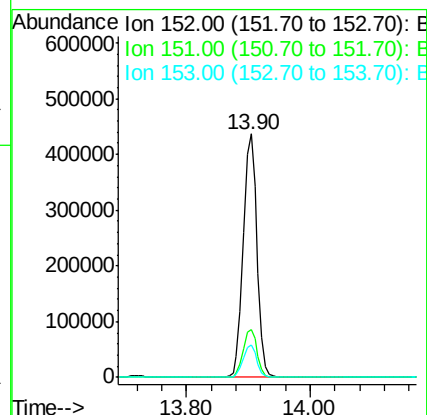
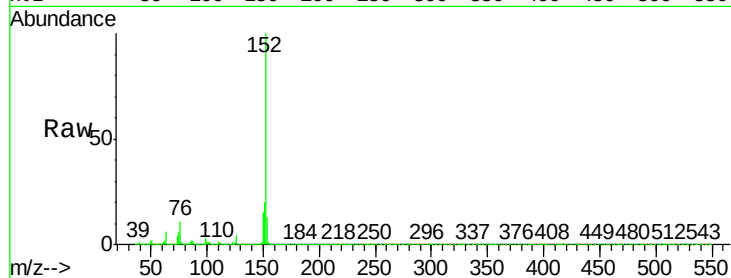
Tot Ion:152 Resp: 670906

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

153 13.1 10.6 15.8



#50

Dimethylphthalate

Concen: 55.567 ng

RT: 13.65 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

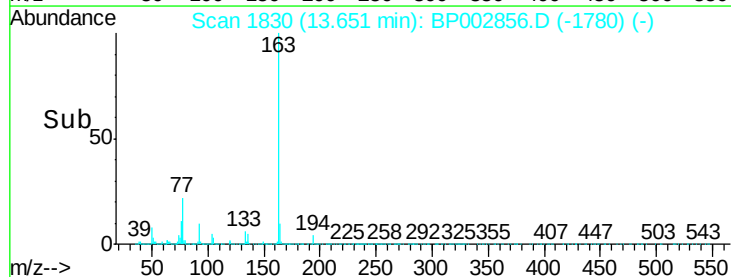
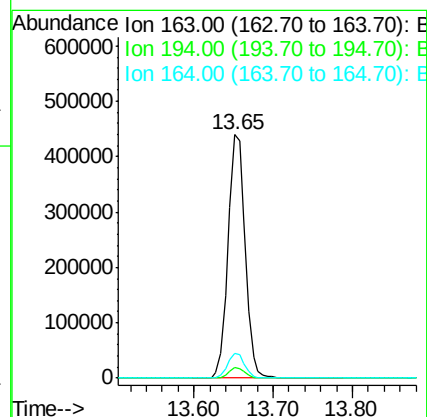
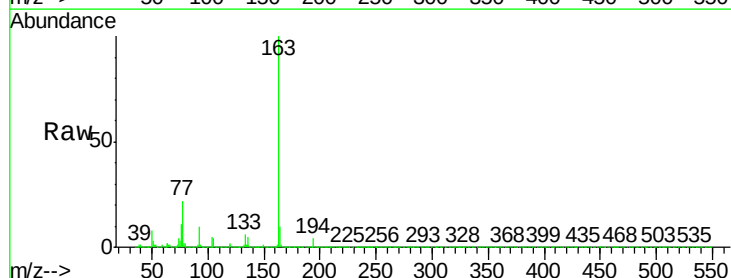
Tgt Ion:163 Resp: 654667

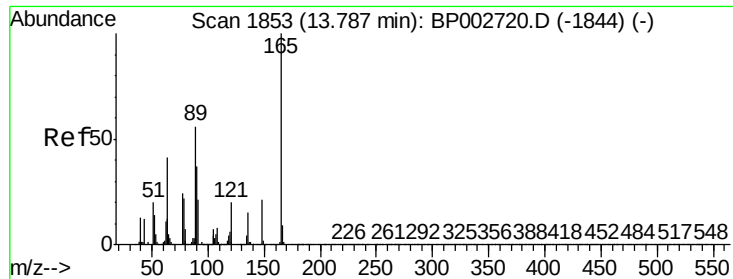
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.4 8.2 12.2

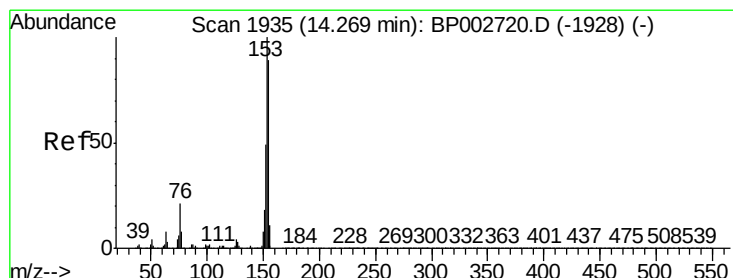
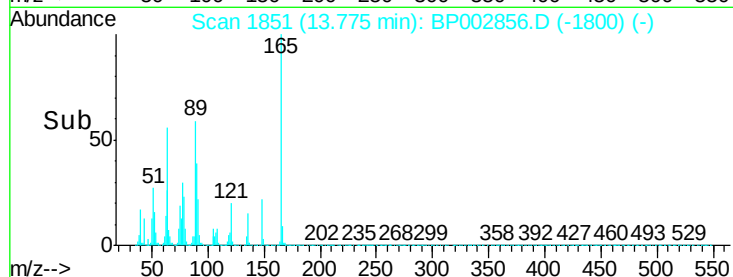
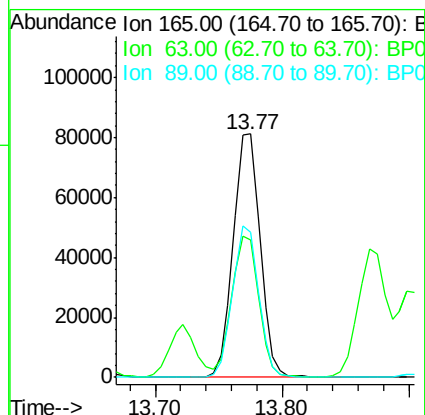
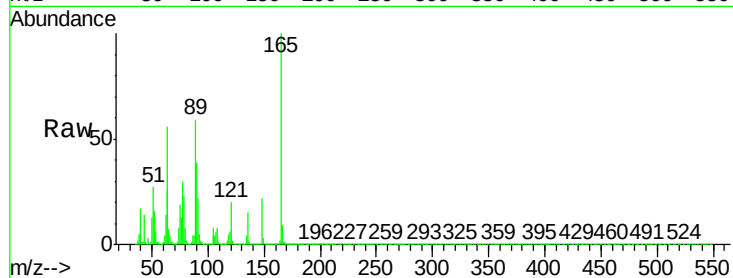




#51
2,6-Dinitrotoluene
Concen: 47.149 ng
RT: 13.77 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

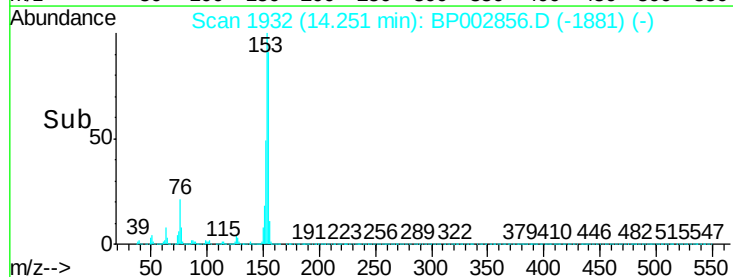
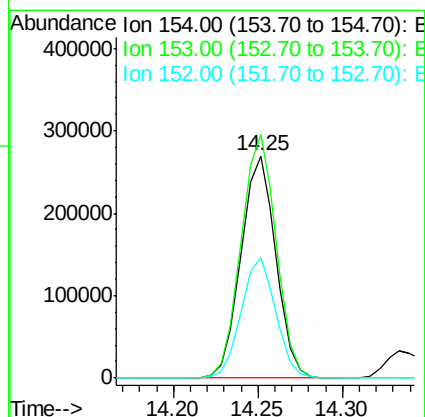
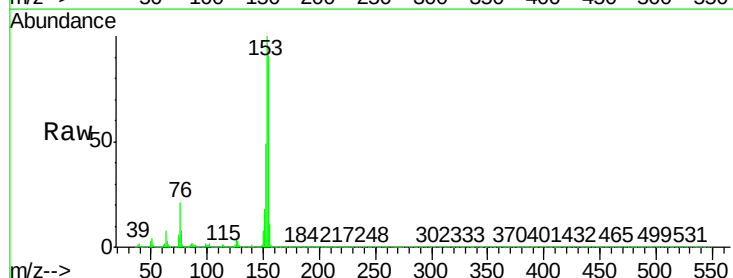
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

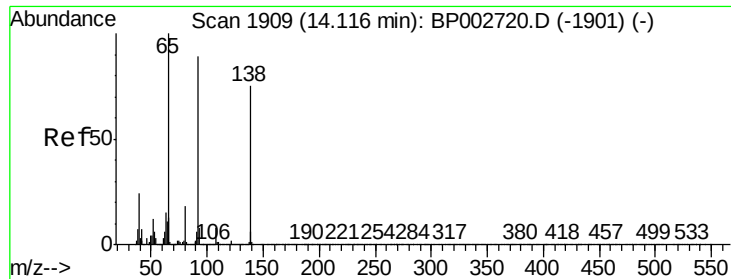
Tot Ion:165 Resp: 118922
Ion Ratio Lower Upper
165 100
63 56.4 45.9 68.9
89 59.4 47.2 70.8



#52
Acenaphthene
Concen: 43.896 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:154 Resp: 386862
Ion Ratio Lower Upper
154 100
153 109.4 91.9 137.9
152 54.0 44.1 66.1

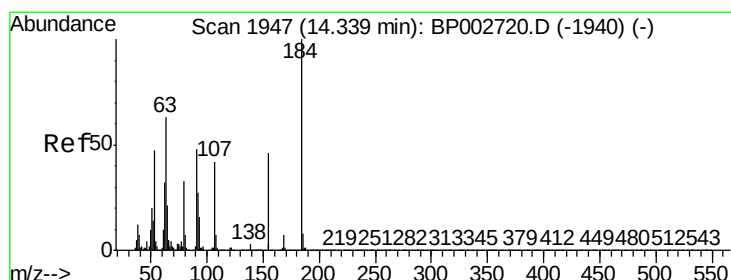
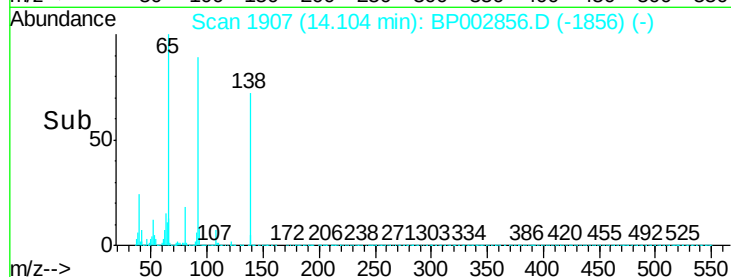
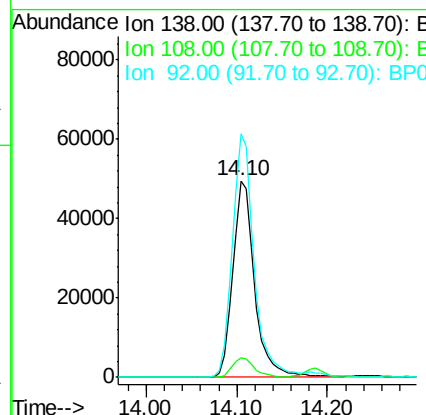
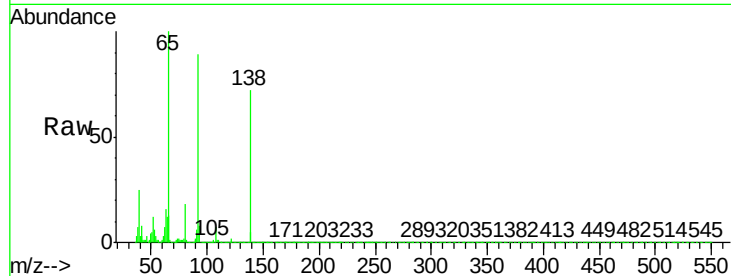




#53
3-Nitroaniline
Concen: 29.389 ng
RT: 14.10 min Scan# 1907
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

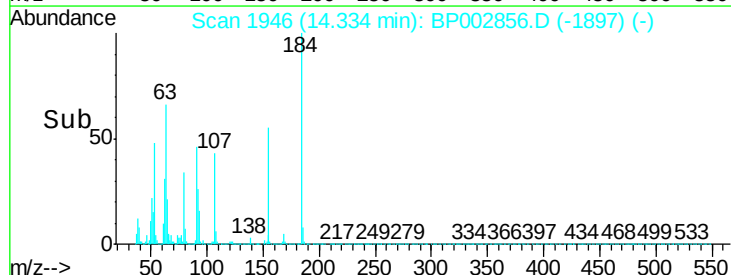
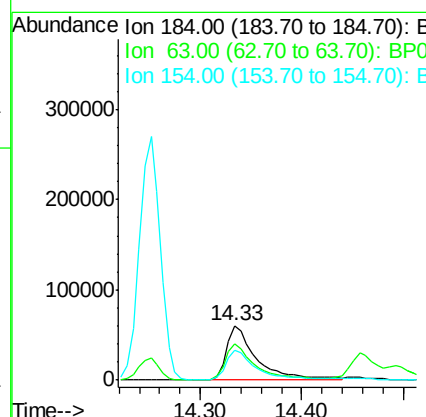
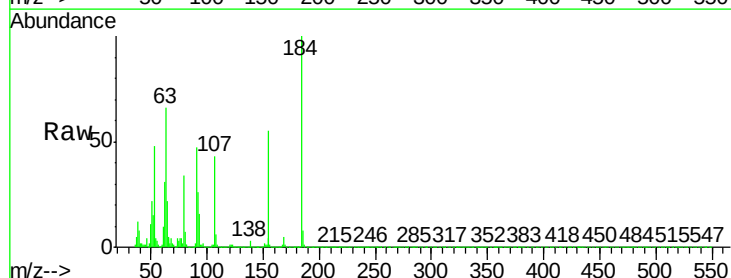
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

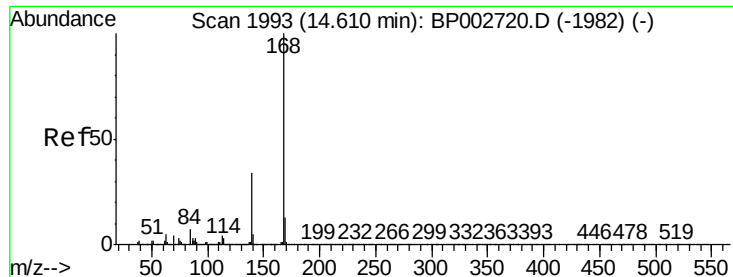
Tot Ion:138 Resp: 82935
Ion Ratio Lower Upper
138 100
108 10.3 8.6 12.8
92 123.9 99.3 148.9



#54
2,4-Dinitrophenol
Concen: 88.081 ng
RT: 14.33 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:184 Resp: 125812
Ion Ratio Lower Upper
184 100
63 66.4 55.4 83.0
154 54.9 47.5 71.3





#55

Dibenzenofuran

Concen: 44.144 ng

RT: 14.59 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

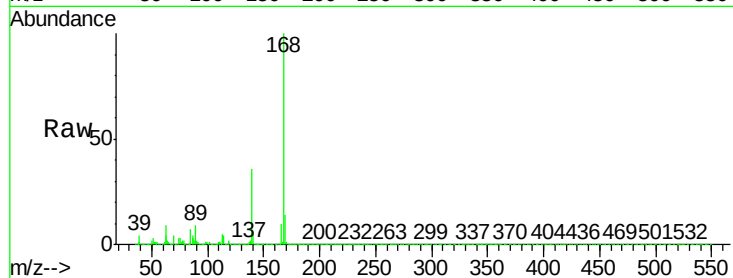
Tot Ion:168 Resp: 623964

Ion	Ratio	Lower	Upper
168	100		
139	35.5	29.0	43.6
169	13.6	10.9	16.3

168 100

139 35.5 29.0 43.6

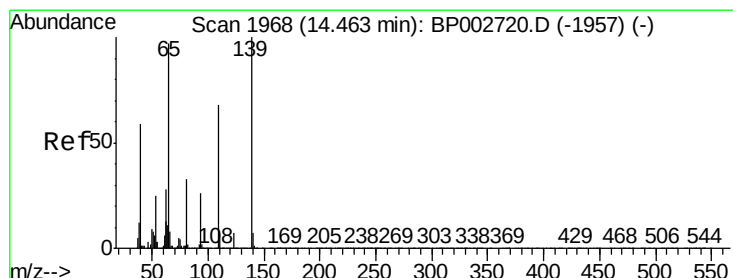
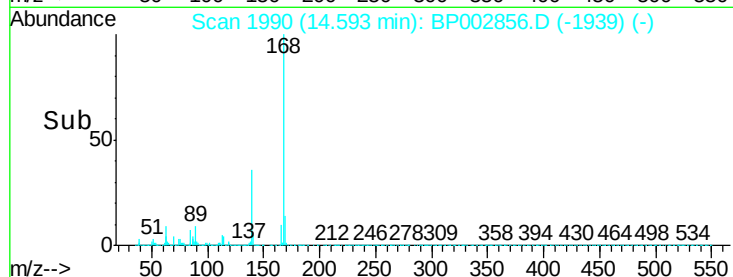
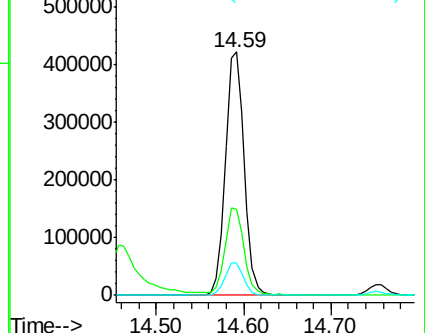
169 13.6 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 86.656 ng

RT: 14.46 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

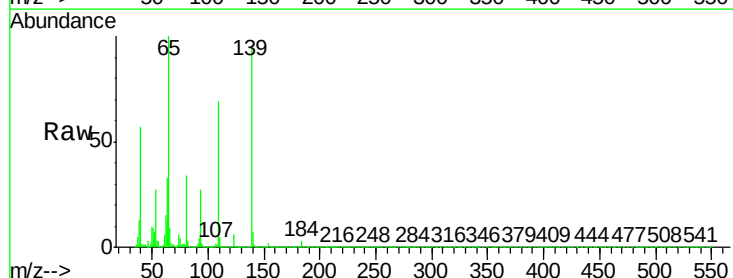
Tgt Ion:139 Resp: 196957

Ion	Ratio	Lower	Upper
139	100		
109	72.0	55.2	95.2
65	104.5	84.7	124.7

139 100

109 72.0 55.2 95.2

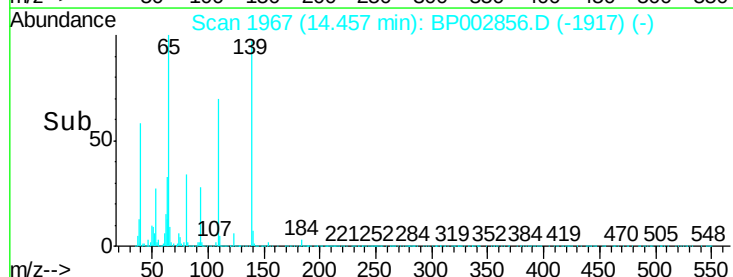
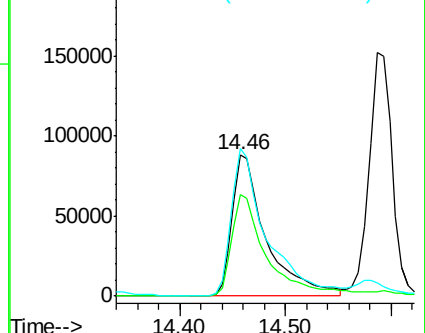
65 104.5 84.7 124.7

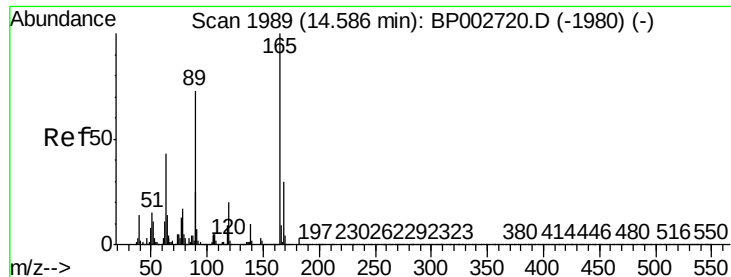


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

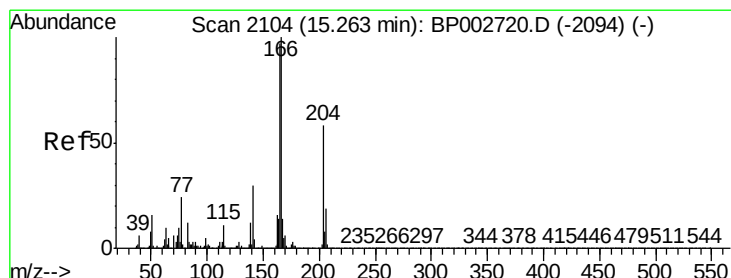
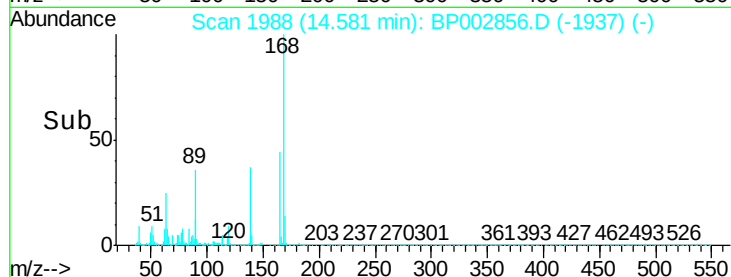
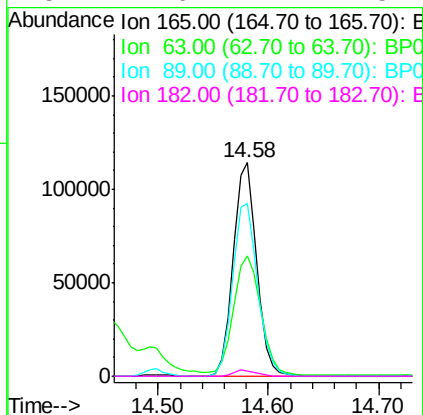
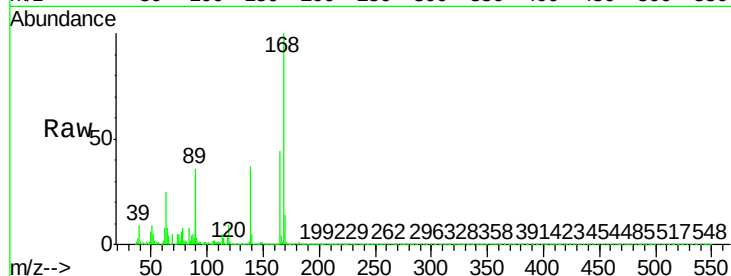




#57
2,4-Dinitrotoluene
Concen: 51.220 ng
RT: 14.58 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

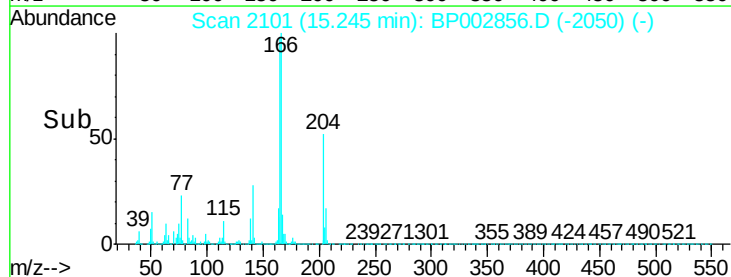
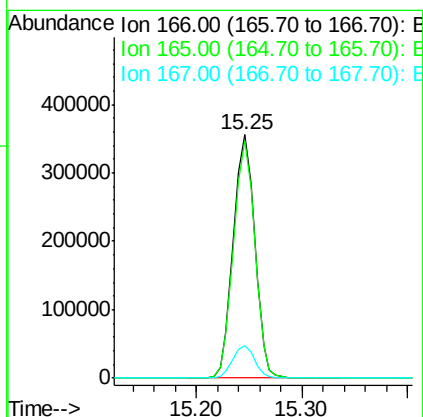
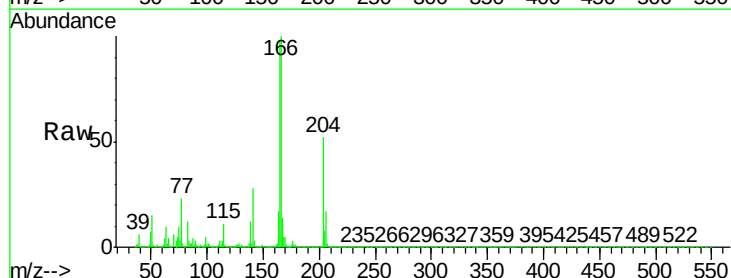
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

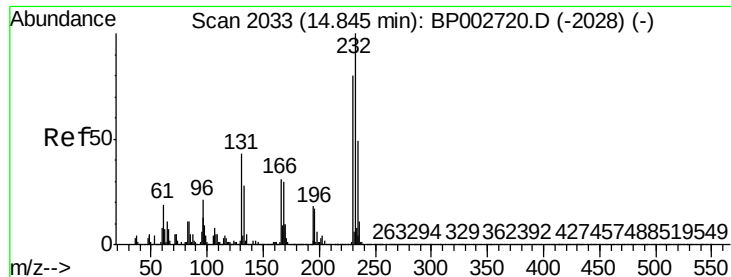
Tot Ion	Ratio	Lower	Upper
165	100		
63	56.4	45.2	67.8
89	80.7	66.3	99.5
182	2.6	2.2	3.4



#58
Fluorene
Concen: 47.673 ng
RT: 15.25 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	75.7	113.5
167	13.6	10.8	16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.191 ng

RT: 14.83 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

Tot Ion:232 Resp: 139447

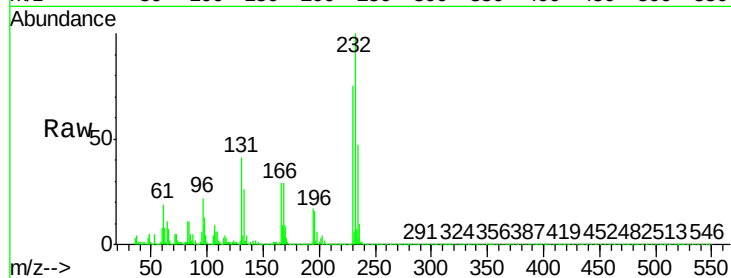
Ion Ratio Lower Upper

232 100

131 42.5 34.2 51.2

130 2.3 1.8 2.8

166 29.8 23.4 35.2

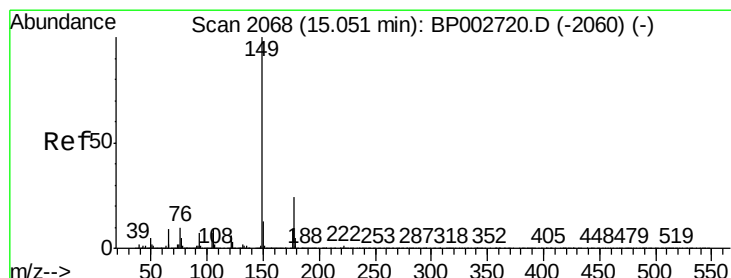
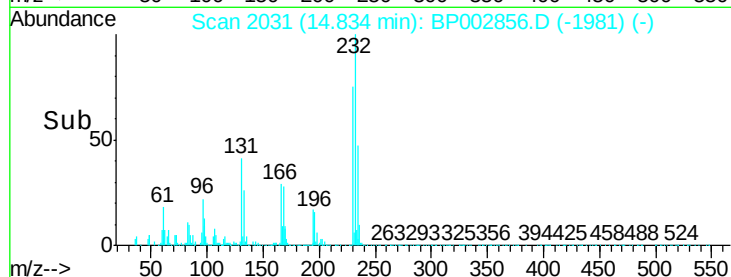
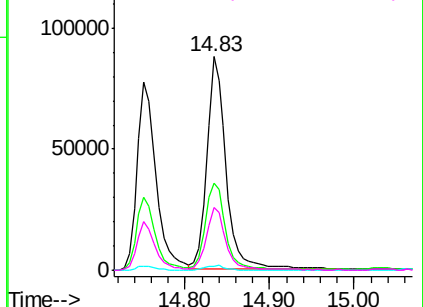


Abundance Ion 232.00 (231.70 to 232.70): E

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: 49.862 ng

RT: 15.03 min Scan# 2065

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

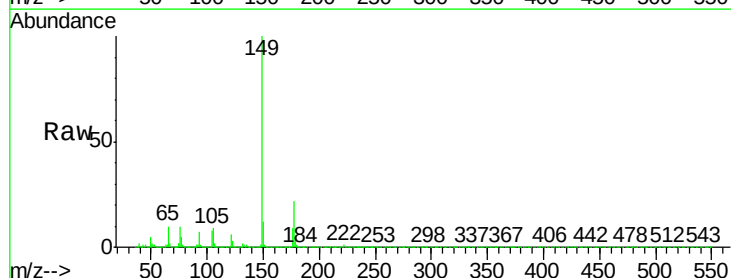
Tgt Ion:149 Resp: 569571

Ion Ratio Lower Upper

149 100

177 22.3 18.1 27.1

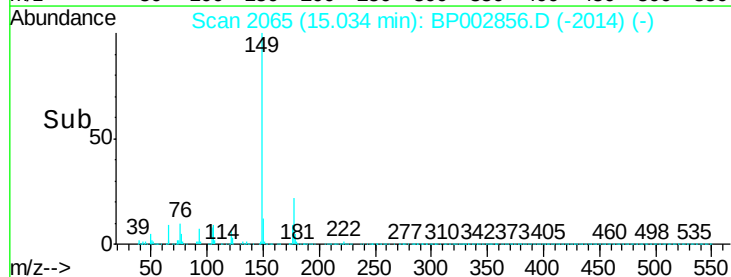
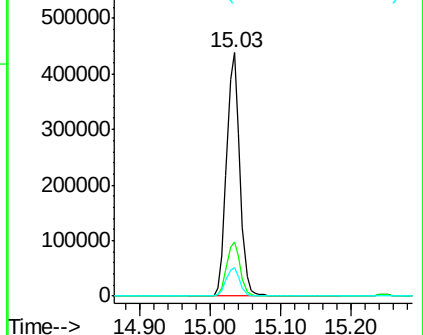
150 11.8 9.9 14.9

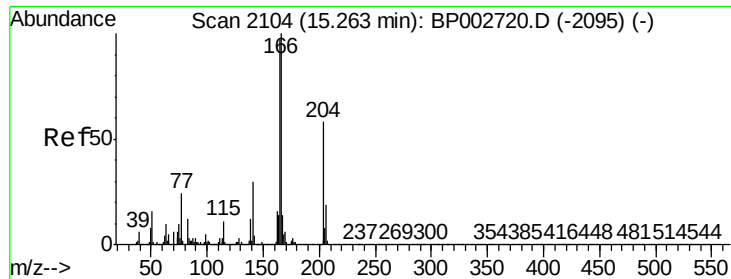


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

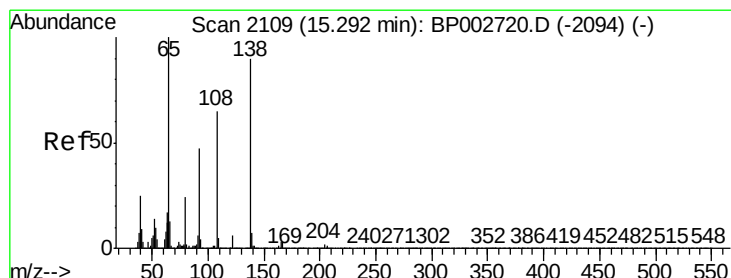
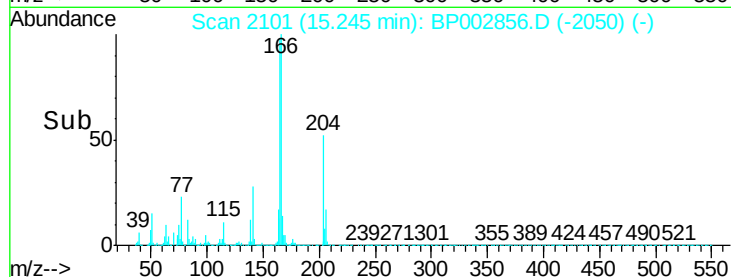
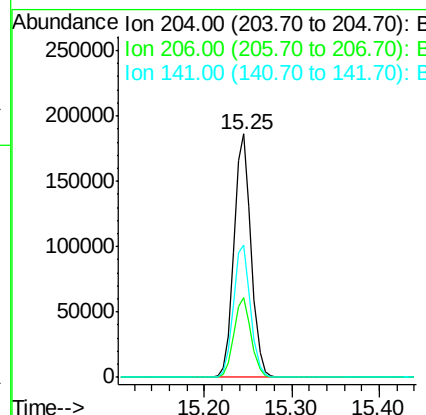
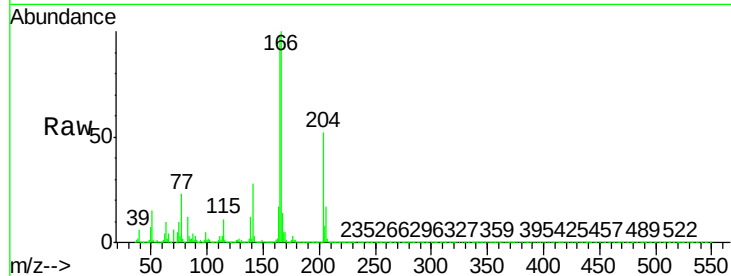




#61
4-Chlorophenyl-phenylether
Concen: 44.776 ng
RT: 15.25 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

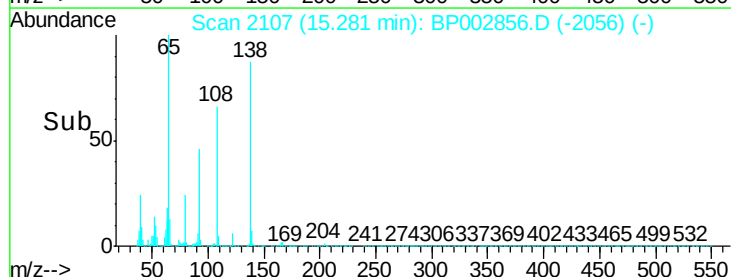
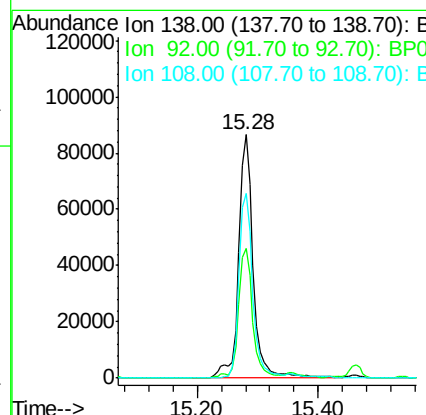
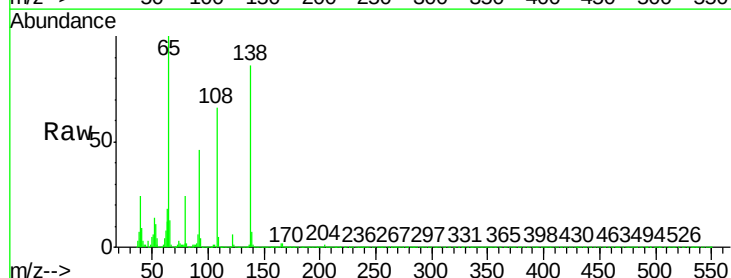
Instrument :
BNA_P
ClientSampled :
CTR-020MS

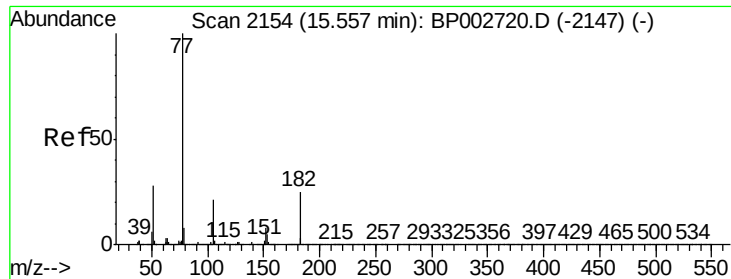
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.6	38.4
141	54.3	43.0	64.4



#62
4-Nitroaniline
Concen: 48.256 ng
RT: 15.28 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.2	35.1	75.1
108	76.1	54.9	94.9

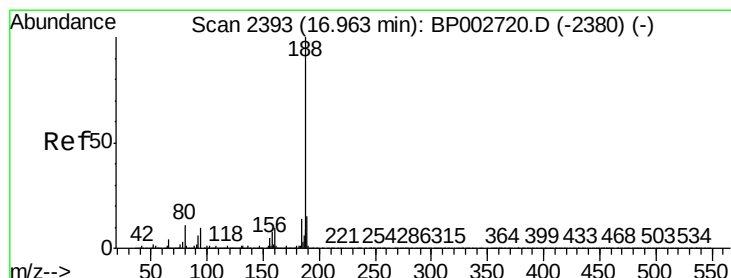
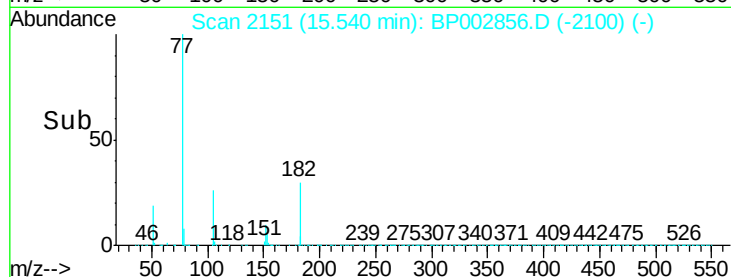
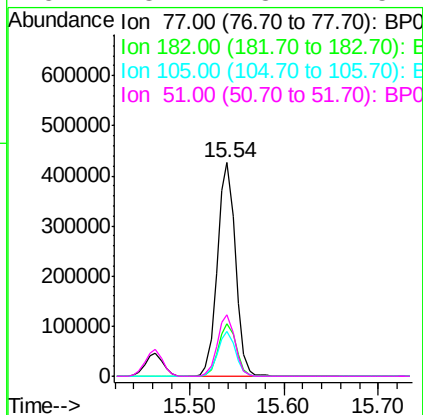
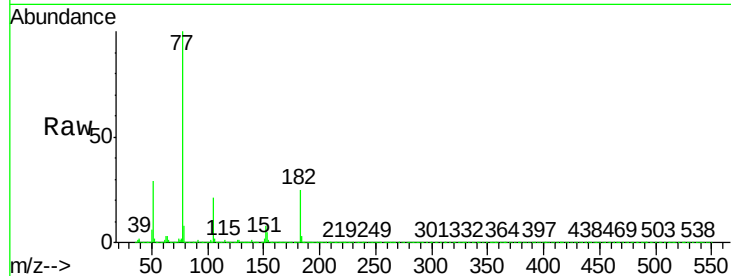




#63
Azobenzene
Concen: 48.816 ng
RT: 15.54 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

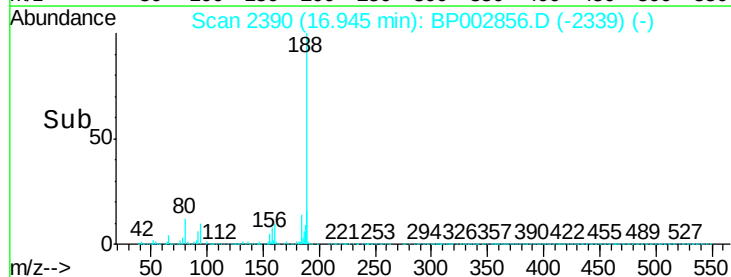
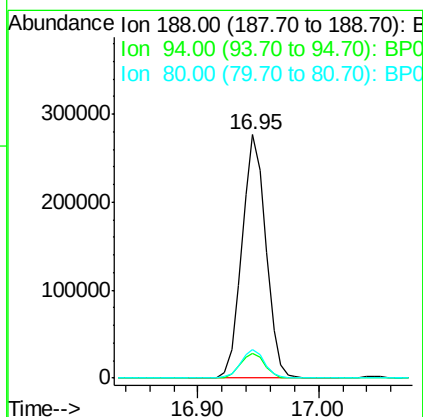
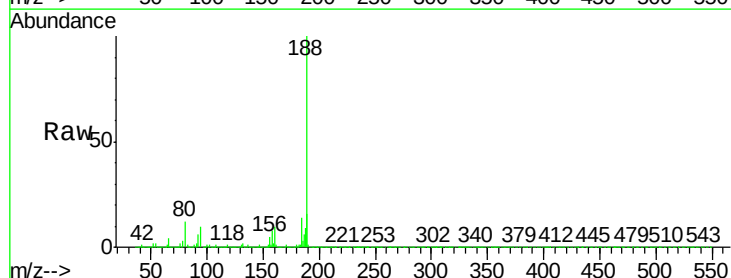
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

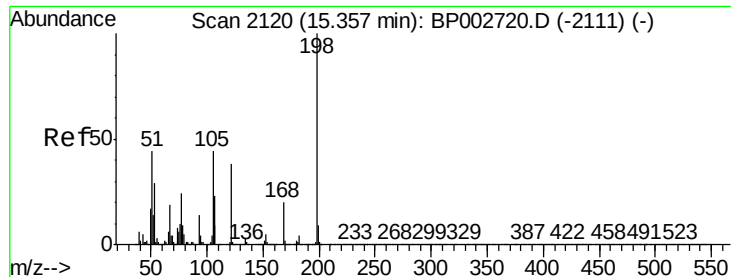
Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.7	44.7
105	20.9	0.6	40.6
51	28.7	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2390
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.7	9.0	13.4

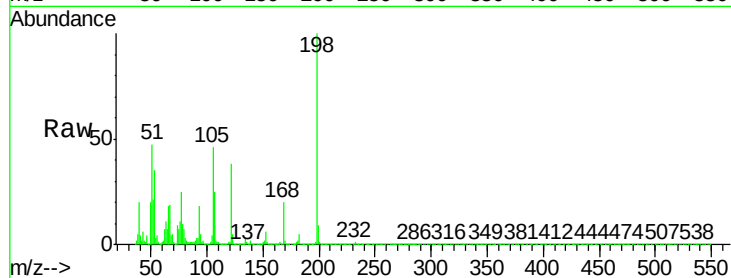




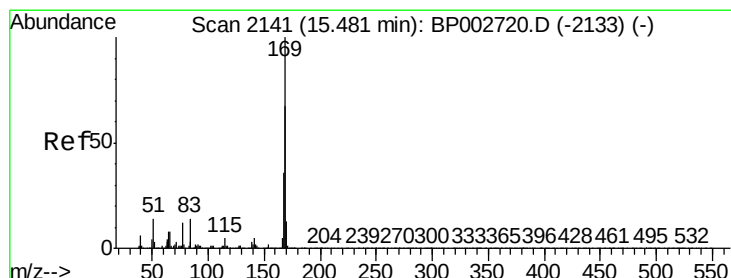
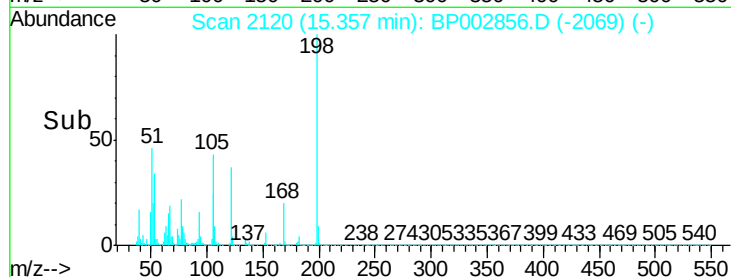
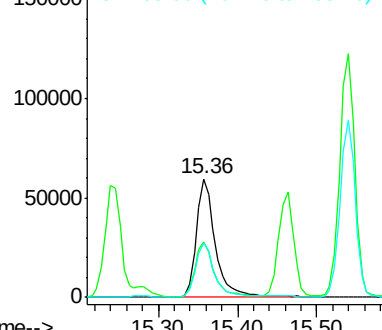
#65
4,6-Dinitro-2-methylphenol
Concen: 43.492 ng
RT: 15.36 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Instrument :
BNA_P
ClientSampleId :
CTR-020MS

Tot Ion:198 Resp: 98827
Ion Ratio Lower Upper
198 100
51 47.0 25.1 65.1
105 45.6 24.6 64.6

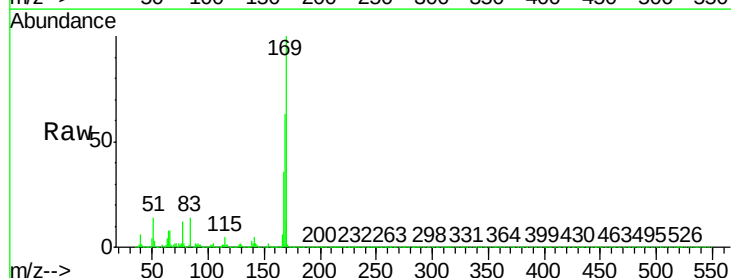


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BP0
Ion 105.00 (104.70 to 105.70): E

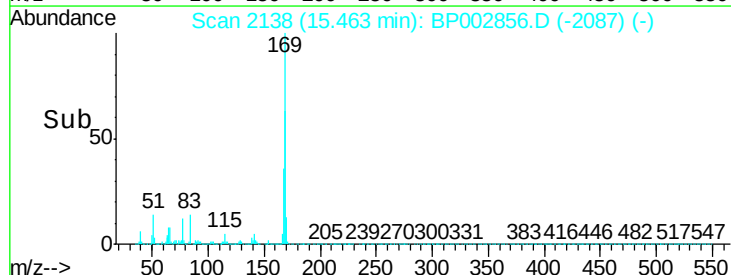
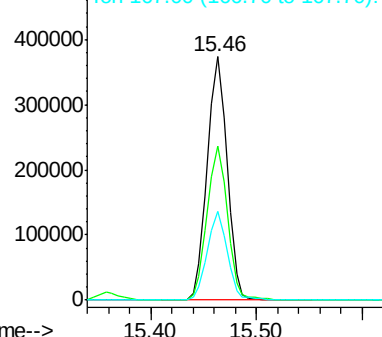


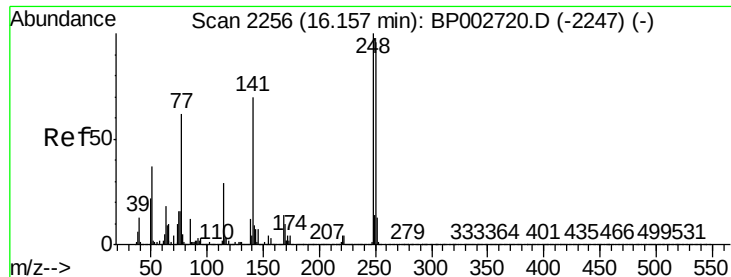
#66
n-Nitrosodiphenylamine
Concen: 42.593 ng
RT: 15.46 min Scan# 2138
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:169 Resp: 484500
Ion Ratio Lower Upper
169 100
168 63.5 50.2 75.4
167 36.2 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

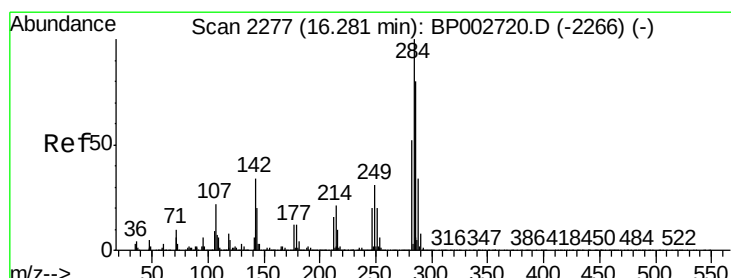
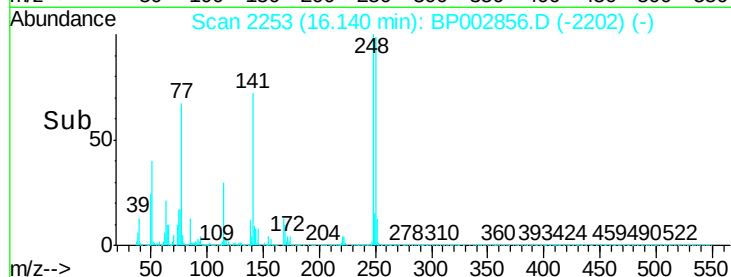
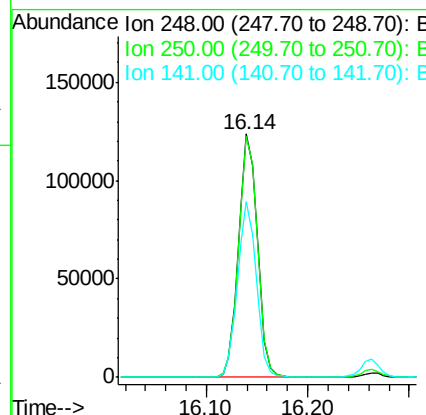
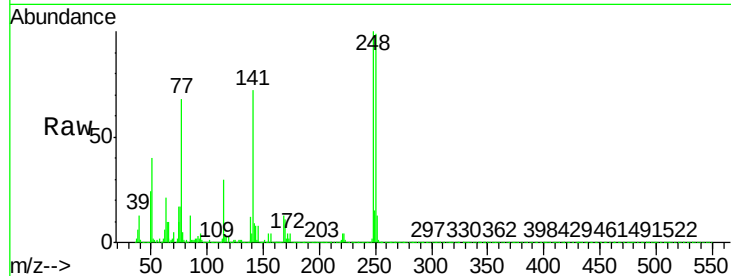




#67
4-Bromophenyl-phenylether
Concen: 38.113 ng
RT: 16.14 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

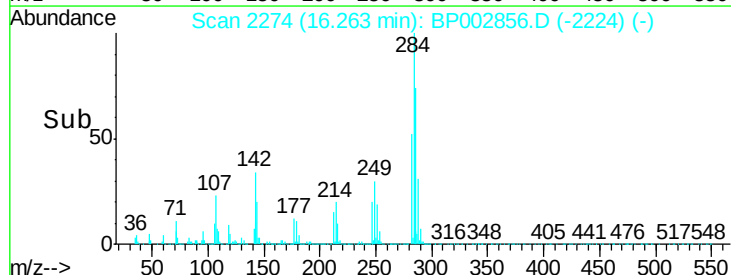
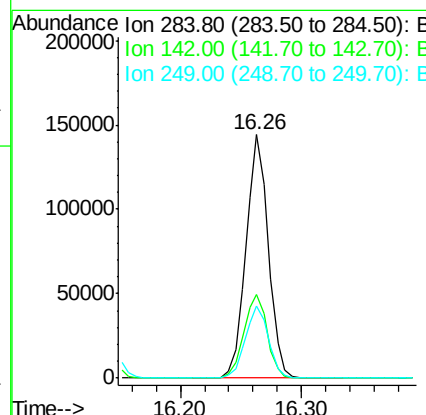
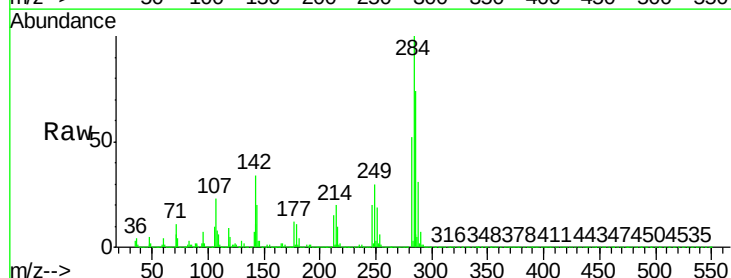
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

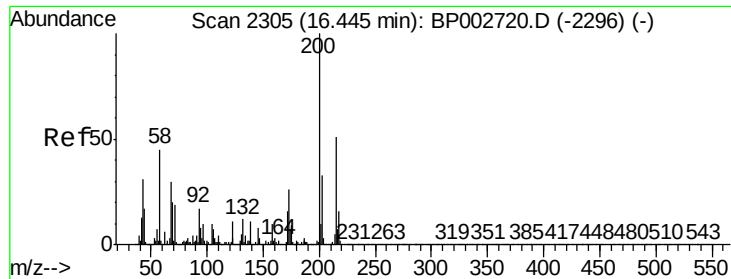
Tot Ion:248 Resp: 159866
Ion Ratio Lower Upper
248 100
250 98.9 78.0 117.0
141 72.3 56.6 84.8



#68
Hexachlorobenzene
Concen: 42.075 ng
RT: 16.26 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion:284 Resp: 185949
Ion Ratio Lower Upper
284 100
142 34.1 26.2 39.2
249 29.8 23.5 35.3





#69

Atrazine

Concen: 53.776 ng

RT: 16.43 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

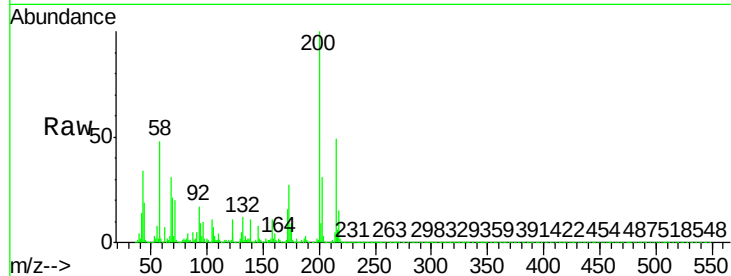
Tot Ion:200 Resp: 166997

Ion Ratio Lower Upper

200 100

173 26.6 6.6 46.6

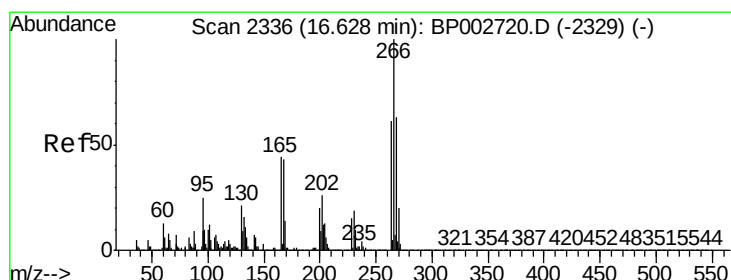
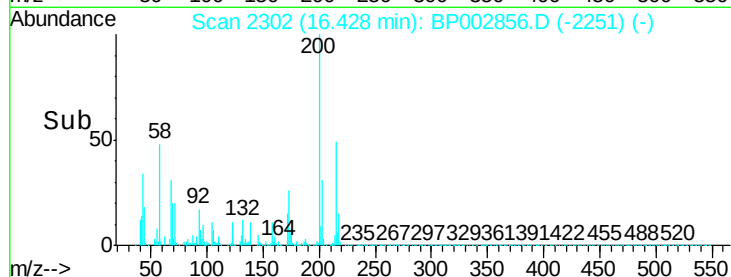
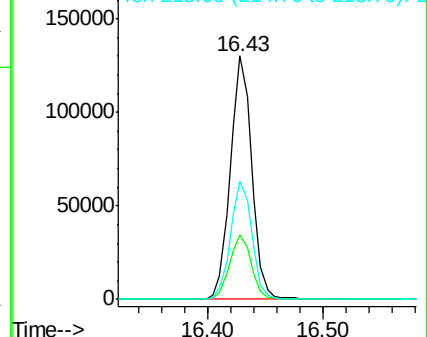
215 48.7 28.5 68.5



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: 85.605 ng

RT: 16.62 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

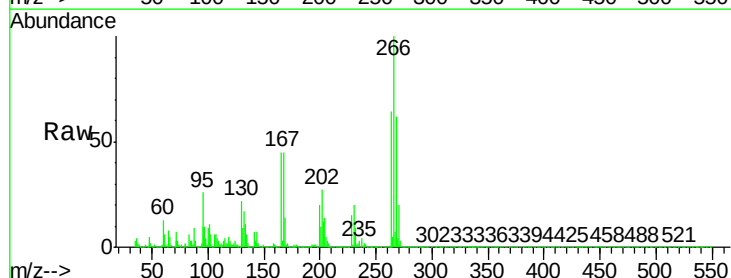
Tgt Ion:266 Resp: 184209

Ion Ratio Lower Upper

266 100

268 61.5 51.2 76.8

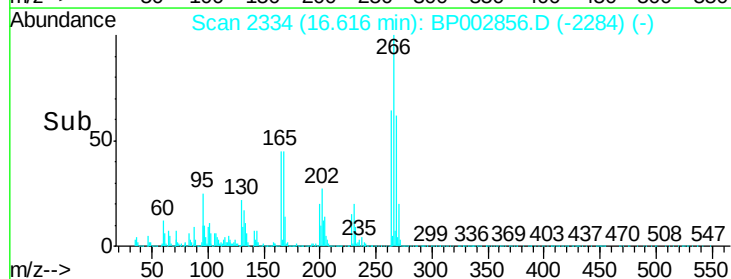
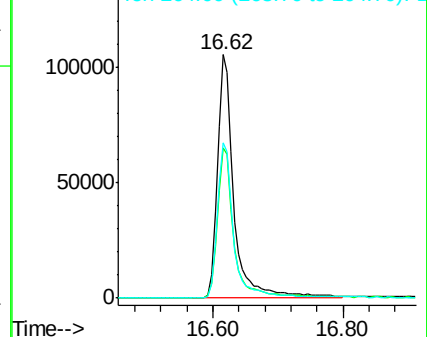
264 63.9 50.2 75.4

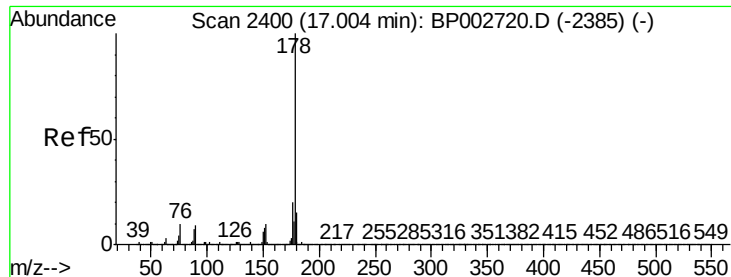


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

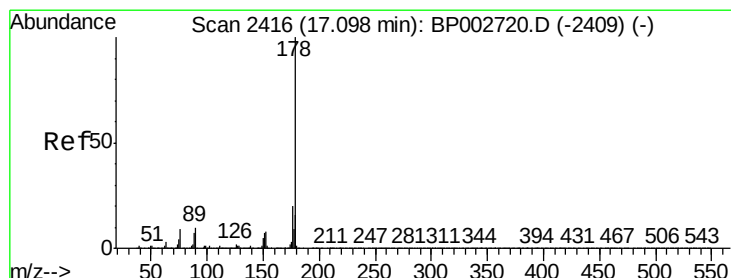
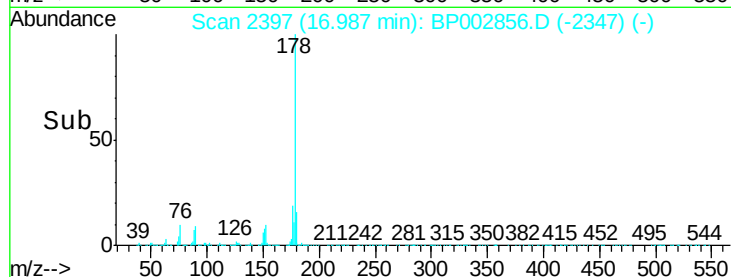
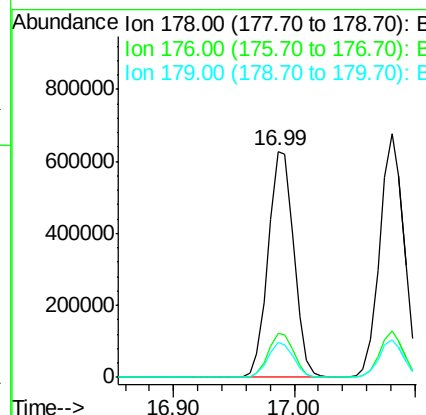
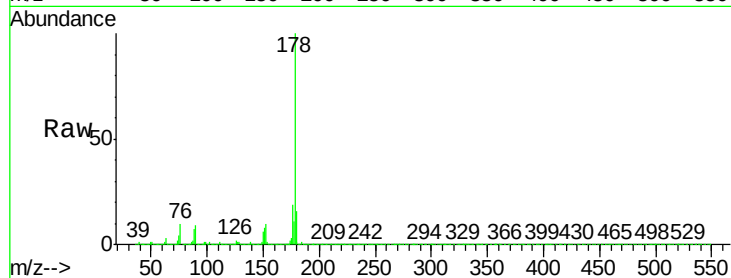




#71
Phenanthrene
Concen: 44.357 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

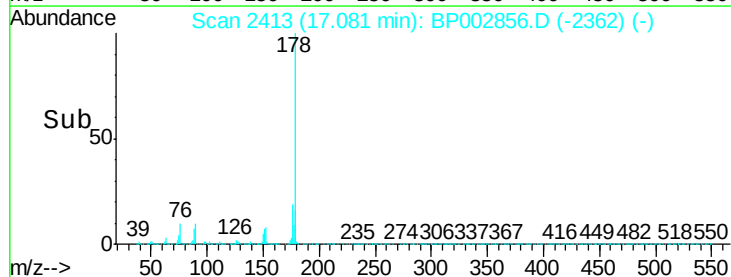
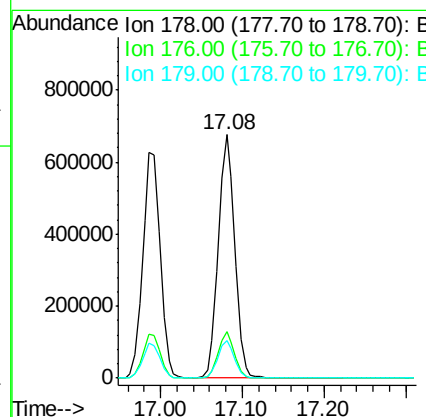
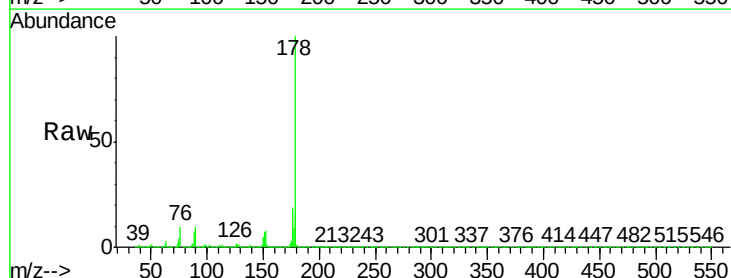
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

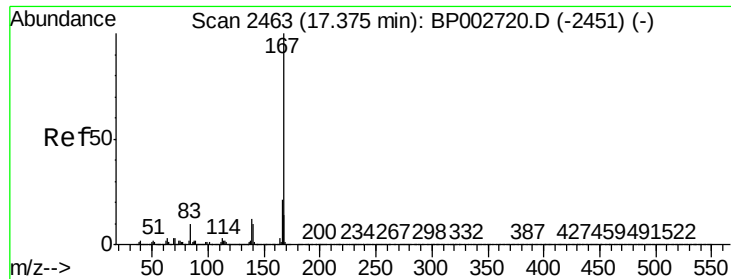
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.7	11.8	17.6



#72
Anthracene
Concen: 46.525 ng
RT: 17.08 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	15.5	12.2	18.2

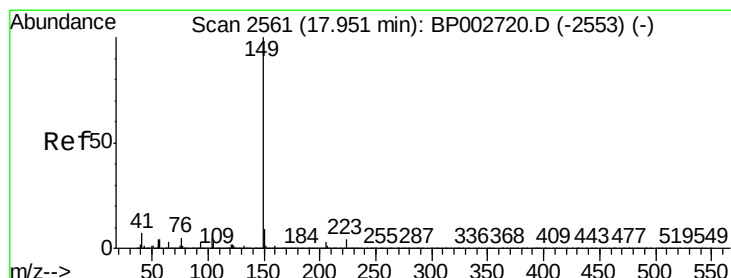
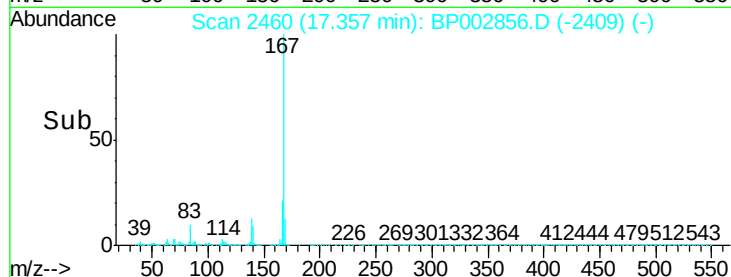
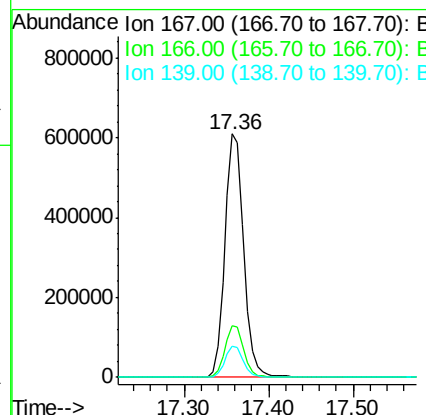
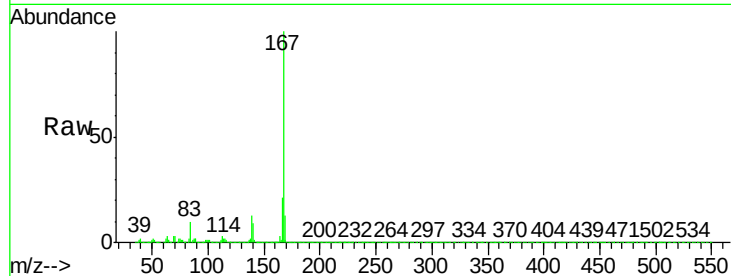




#73
 Carbazole
 Concen: 47.084 ng
 RT: 17.36 min Scan# 2460
 Delta R.T. 0.00 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

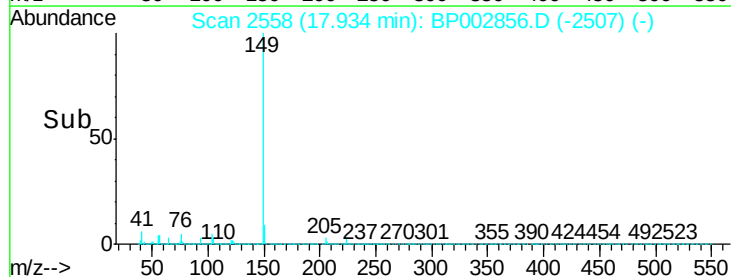
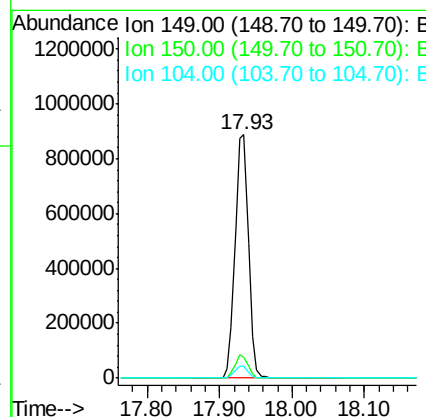
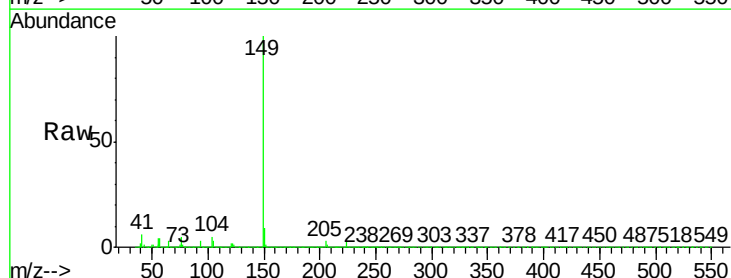
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MS

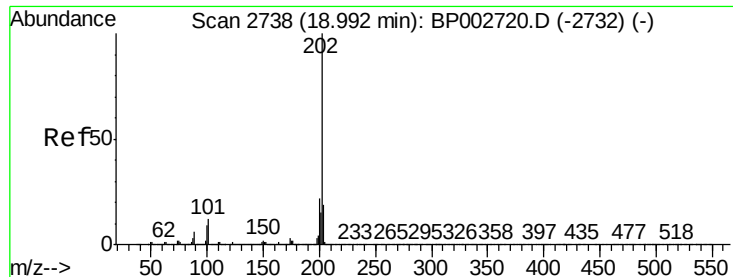
Tot Ion:167 Resp: 945313
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.8 25.2
 139 12.7 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 52.396 ng
 RT: 17.93 min Scan# 2558
 Delta R.T. 0.00 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

Tgt Ion:149 Resp: 1140889
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.2 10.8
 104 5.0 4.0 6.0





#75

Fluoranthene

Concen: 52.057 ng

RT: 18.97 min Scan# 2735

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

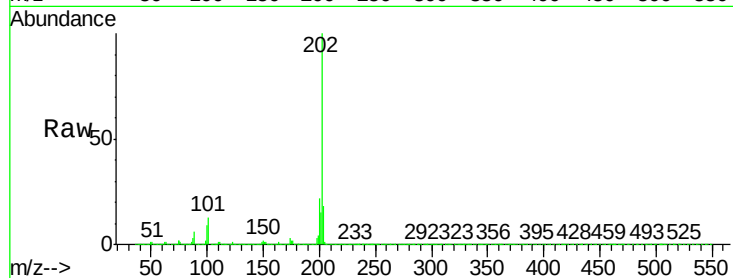
BNA_P

ClientSampleId :

CTR-020MS

Tot Ion:202 Resp: 1257612

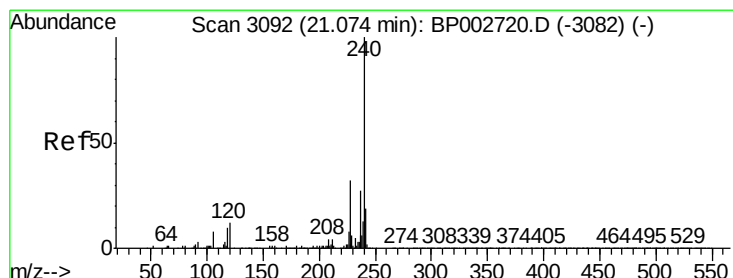
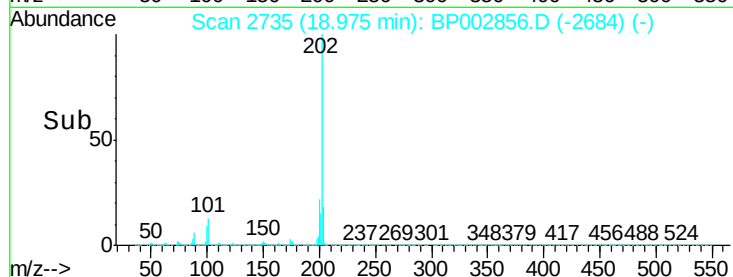
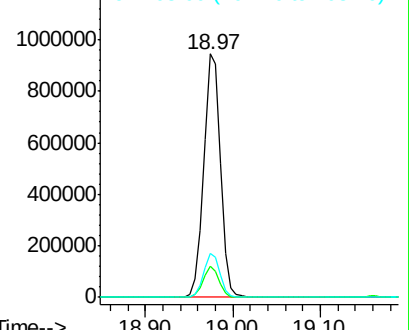
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.0
203	18.3	0.0	38.1



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

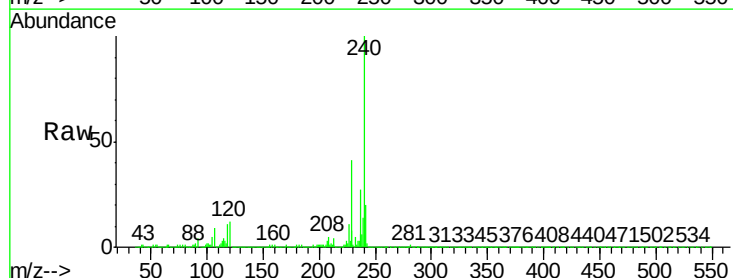
Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Tgt Ion:240 Resp: 448592

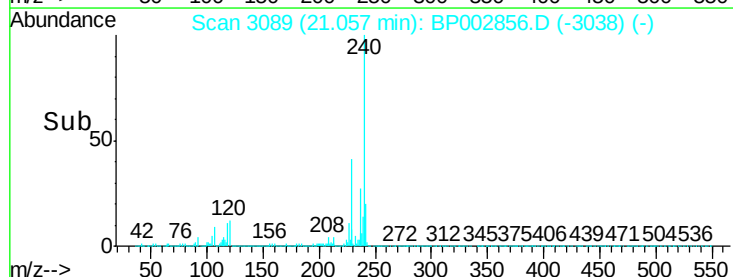
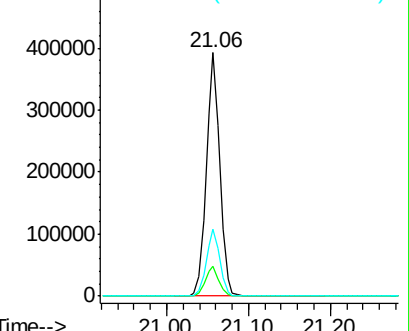
Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.2	13.8
236	27.4	20.3	30.5

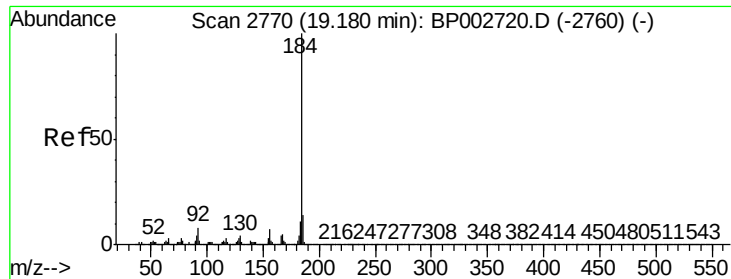


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 80.159 ng

RT: 19.16 min Scan# 2767

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

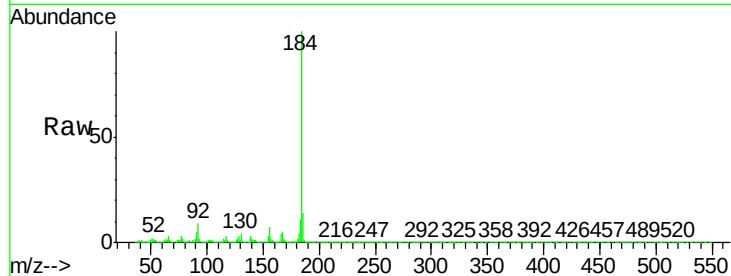
BNA_P

ClientSampleId :

CTR-020MS

Tot Ion:184 Resp: 891306

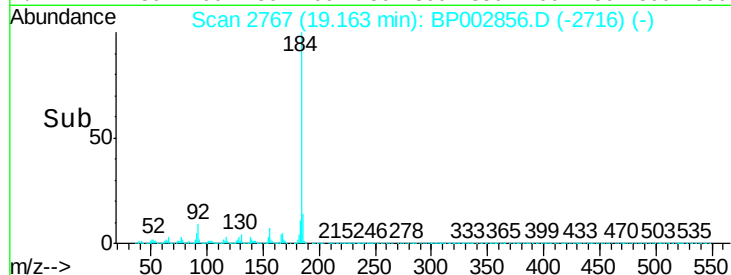
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.5	17.3
183	11.3	9.1	13.7



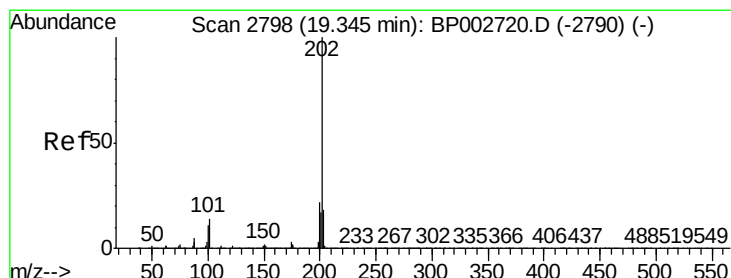
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 41.128 ng

RT: 19.33 min Scan# 2795

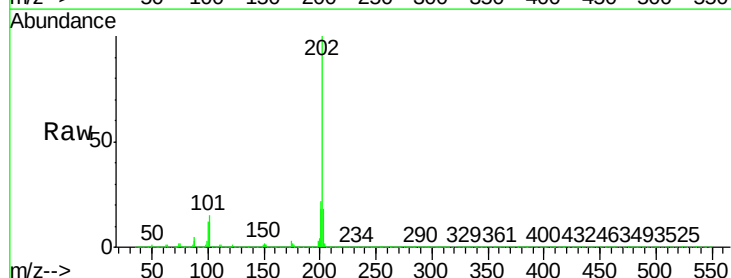
Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Tgt Ion:202 Resp: 1273819

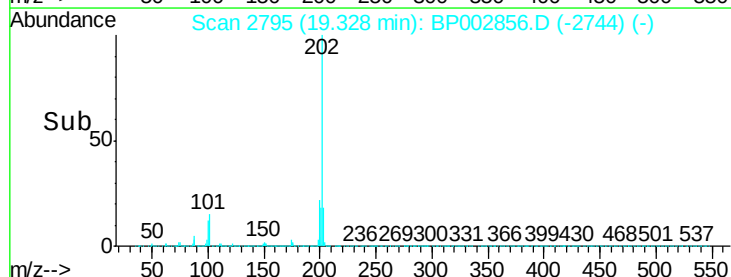
Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.6	24.8
203	18.4	13.8	20.8



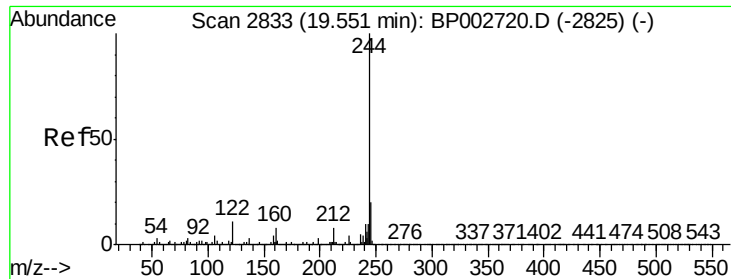
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 74.063 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

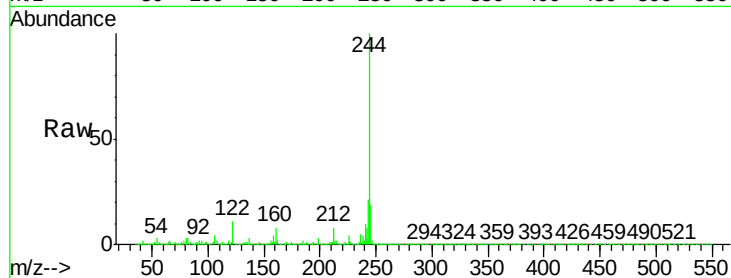
Tot Ion:244 Resp: 1449111

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

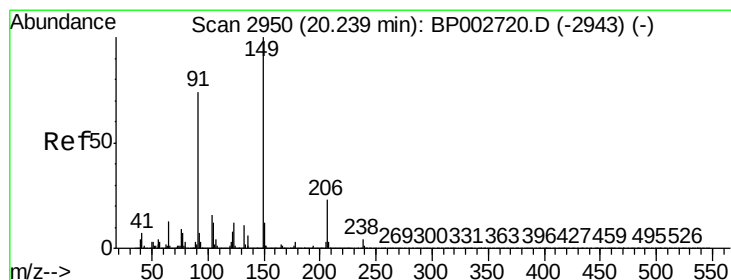
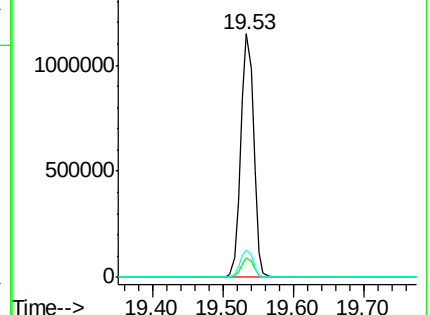
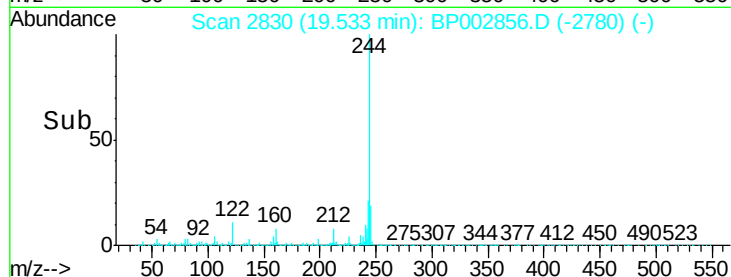
122 11.1 7.9 11.9



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: 50.349 ng

RT: 20.22 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

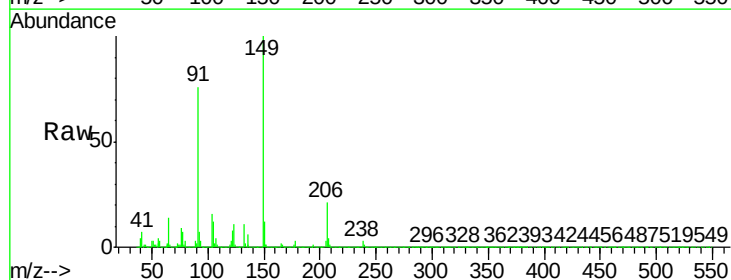
Tgt Ion:149 Resp: 615375

Ion Ratio Lower Upper

149 100

91 75.9 62.1 93.1

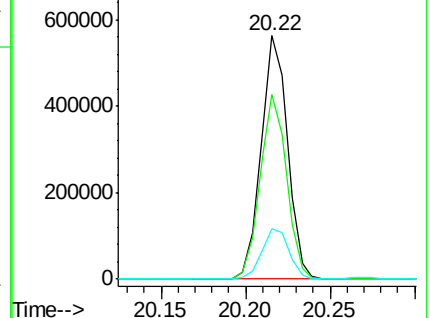
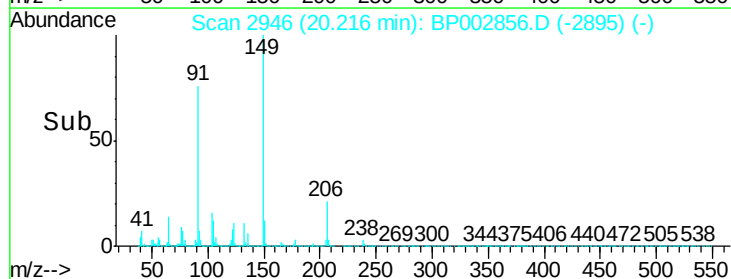
206 20.7 17.6 26.4

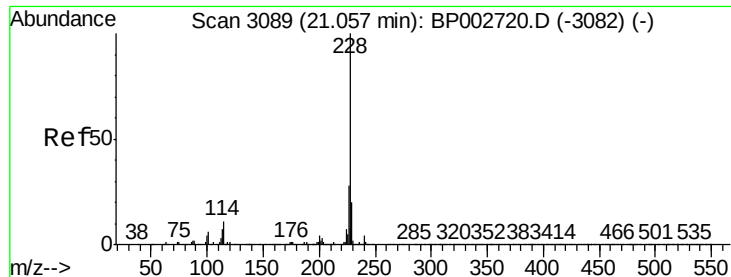


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.509 ng

RT: 21.04 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

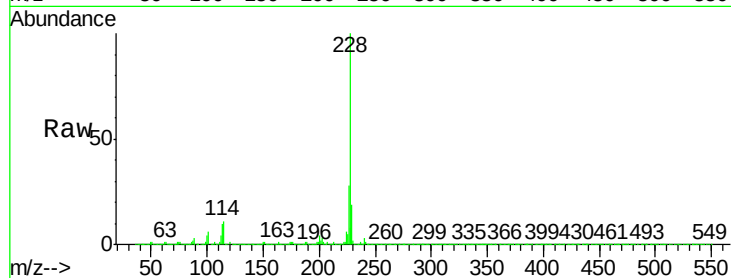
BNA_P

ClientSampleId :

CTR-020MS

Tot Ion:228 Resp: 1321513

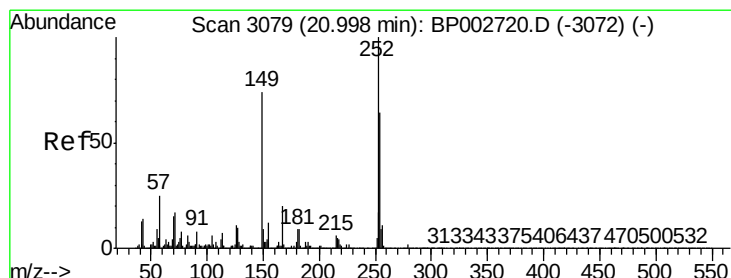
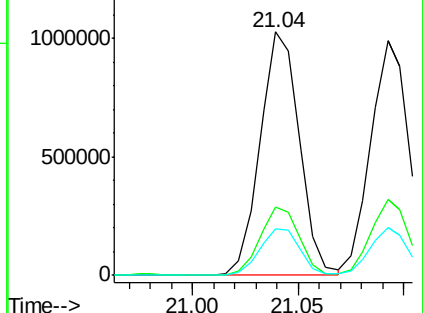
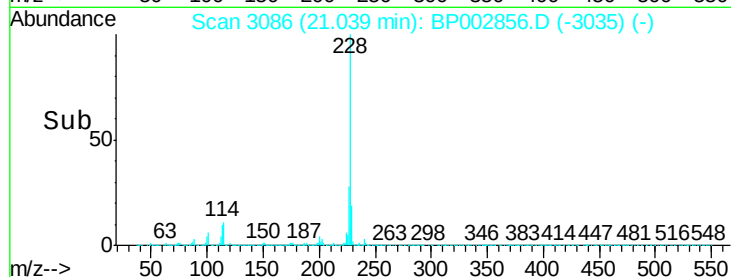
Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.6
229	19.3	15.8	23.6



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: 37.564 ng

RT: 20.97 min Scan# 3075

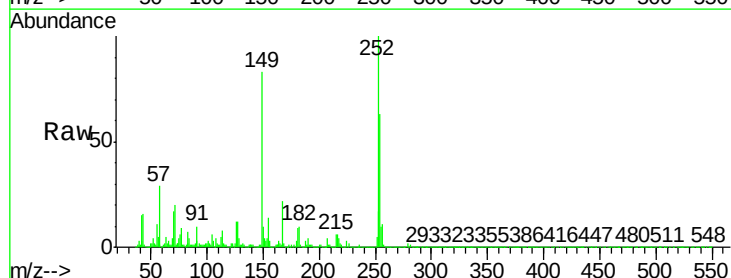
Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Tgt Ion:252 Resp: 361252

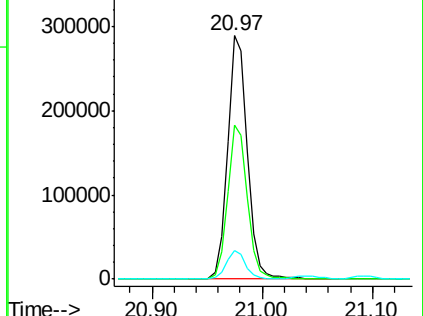
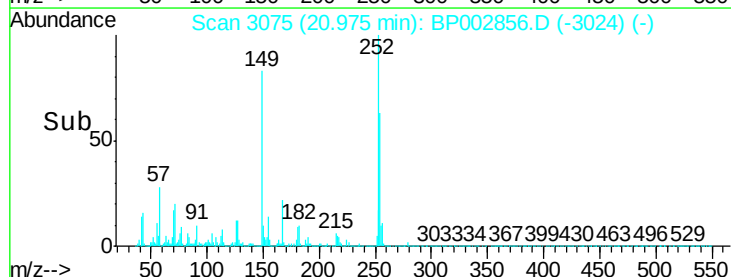
Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.5	78.7
126	11.9	9.4	14.0

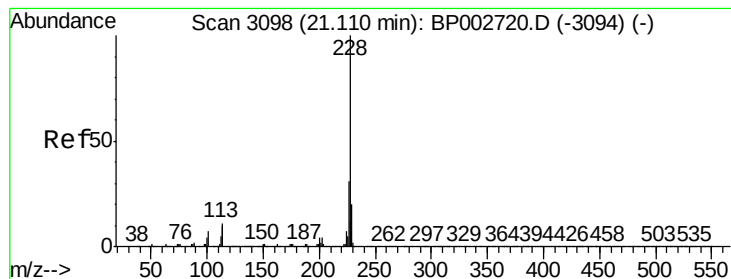


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.042 ng

RT: 21.09 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

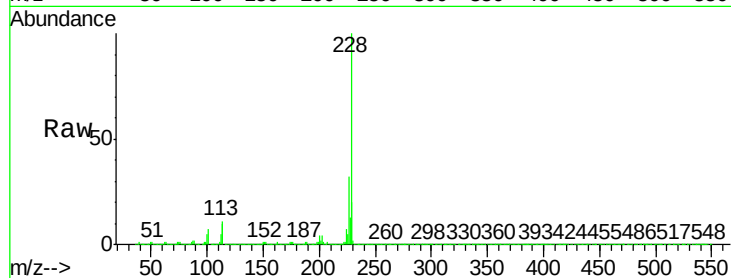
Tot Ion:228 Resp: 1245038

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.2
229	20.2	15.2	22.8

228 100

226 32.3 23.4 35.2

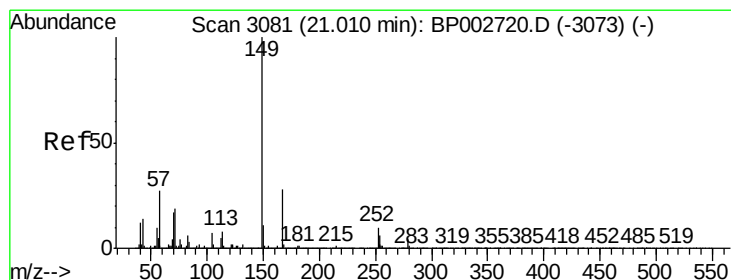
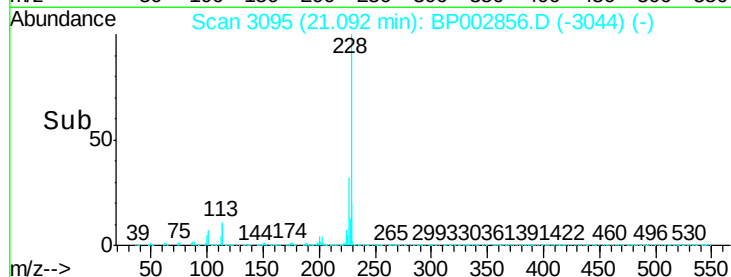
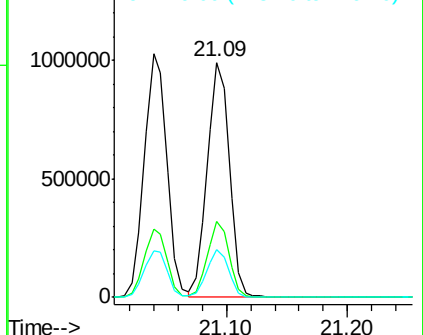
229 20.2 15.2 22.8



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: 51.422 ng

RT: 20.99 min Scan# 3077

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

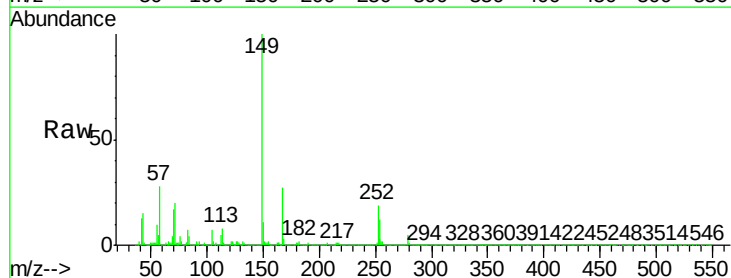
Tgt Ion:149 Resp: 874124

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.2	31.8
279	4.5	3.2	4.8

149 100

167 27.3 21.2 31.8

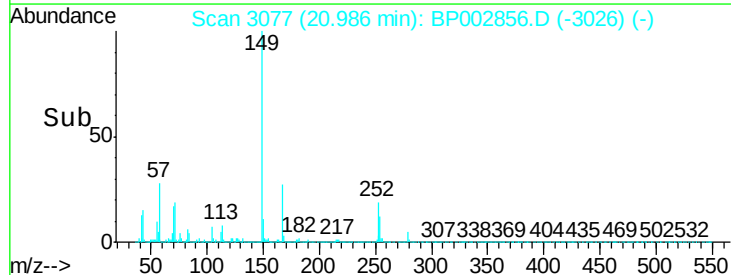
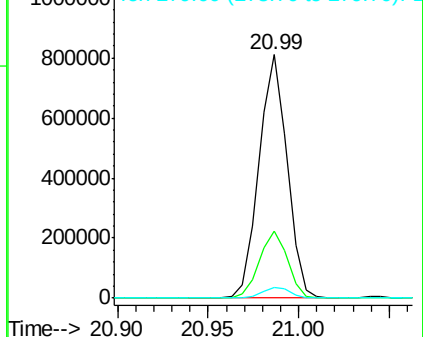
279 4.5 3.2 4.8

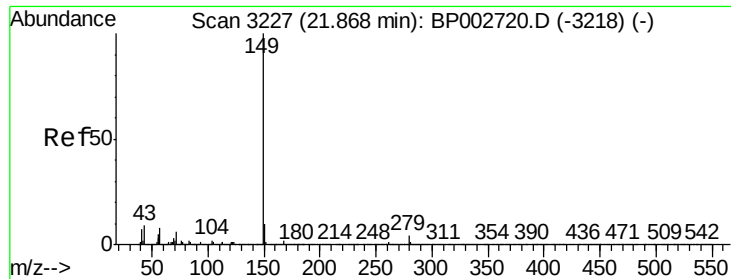


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.510 ng

RT: 21.84 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

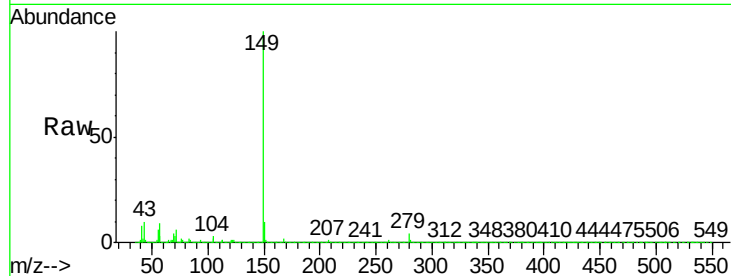
Tot Ion:149 Resp: 1696483

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

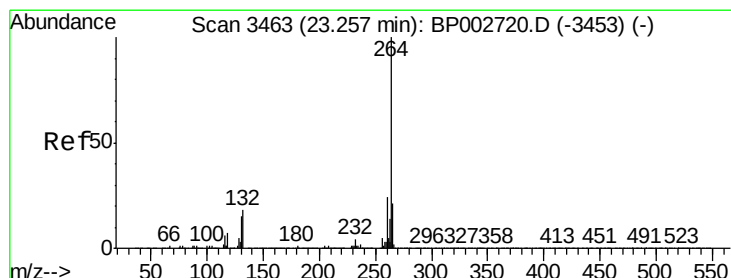
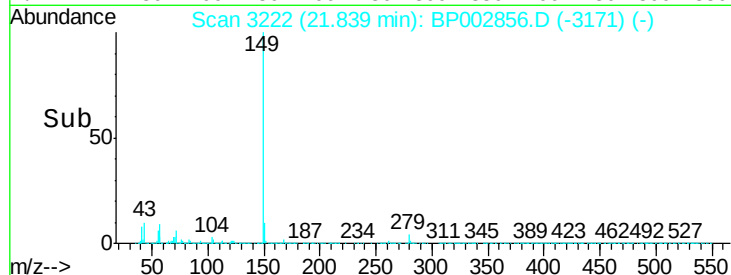
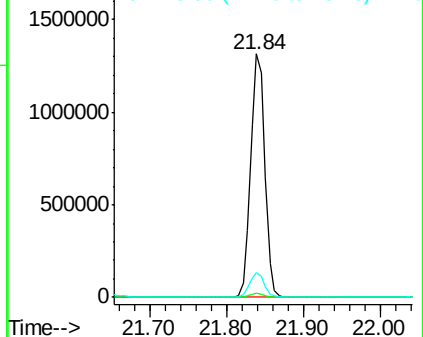
43 9.8 8.2 12.2



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: BP002856.D

Acq: 24 Jul 2020 16:33

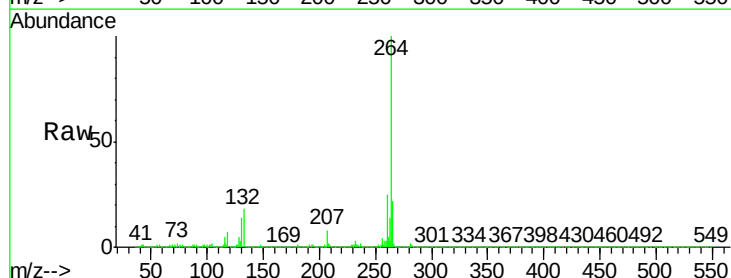
Tgt Ion:264 Resp: 545667

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

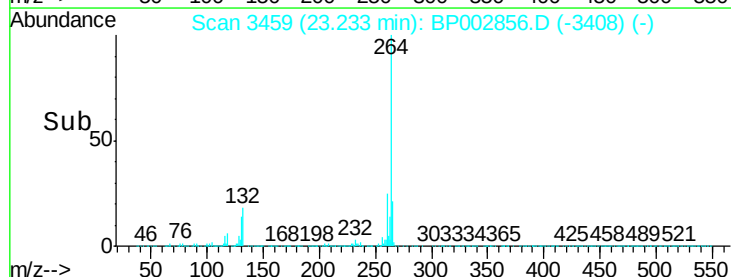
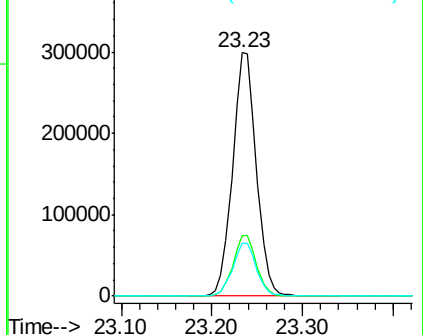
265 21.6 16.7 25.1

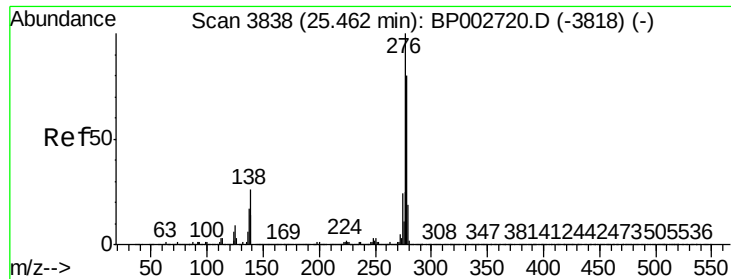


Abundance Ion 264.00 (263.70 to 264.70): E

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: 46.374 ng

RT: 25.44 min Scan# 3834

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

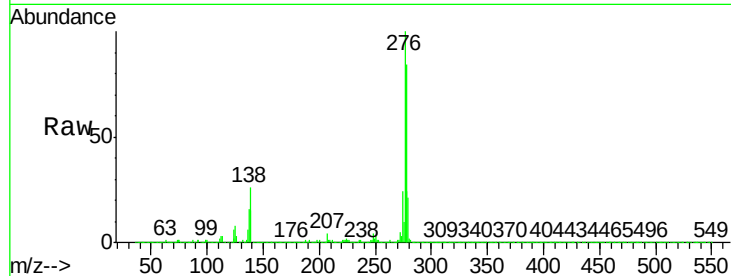
Tot Ion:276 Resp: 1828939

Ion Ratio Lower Upper

276 100

138 25.4 20.5 30.7

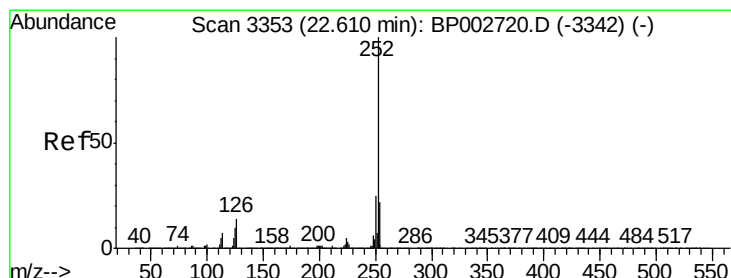
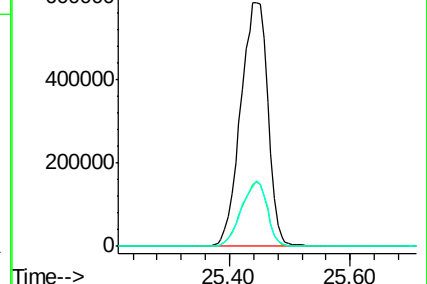
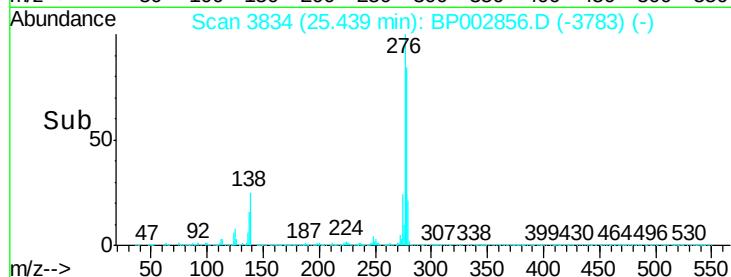
277 25.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 45.135 ng

RT: 22.59 min Scan# 3349

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

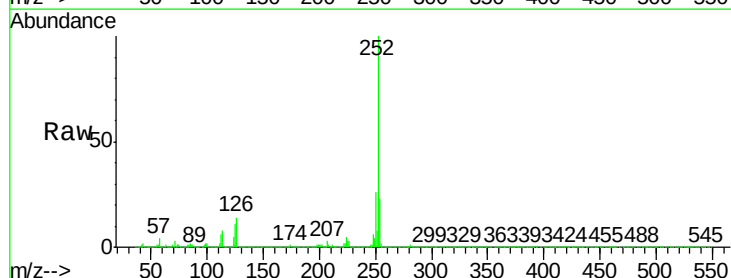
Tgt Ion:252 Resp: 1529305

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

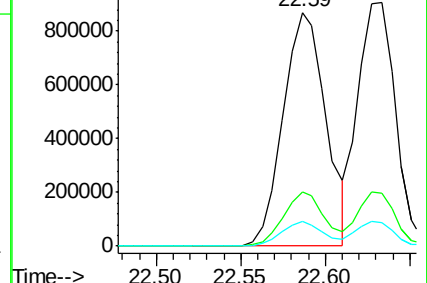
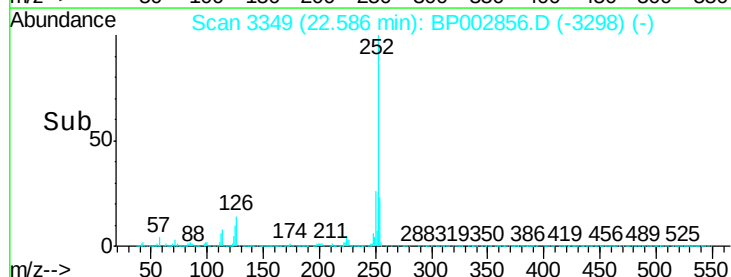
125 10.5 8.3 12.5

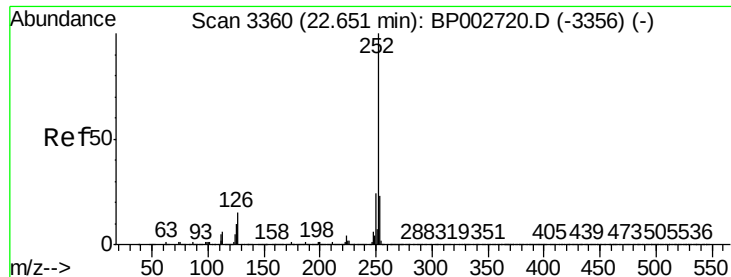


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.009 ng

RT: 22.63 min Scan# 3357

Delta R.T. 0.01 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

BNA_P

ClientSampleId :

CTR-020MS

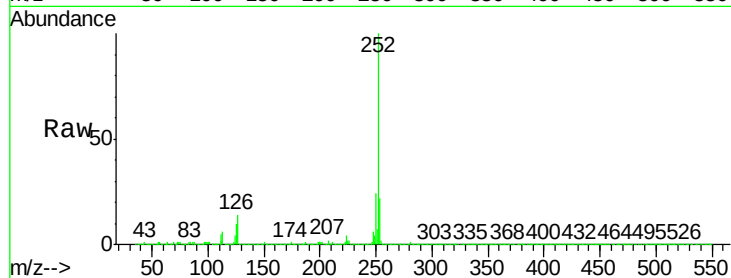
Tot Ion:252 Resp: 1402023

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

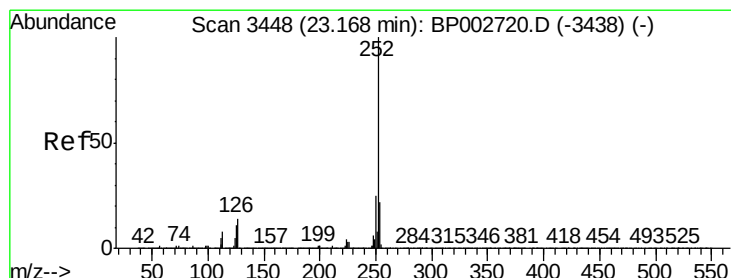
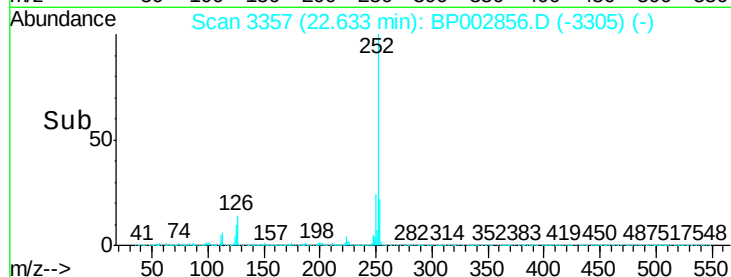
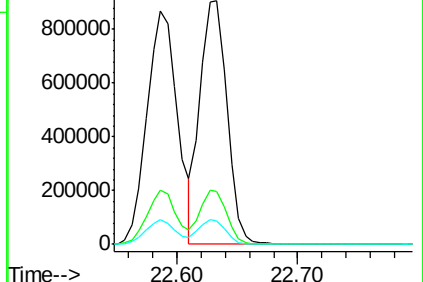
125 9.7 8.0 12.0



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: 43.542 ng

RT: 23.15 min Scan# 3444

Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

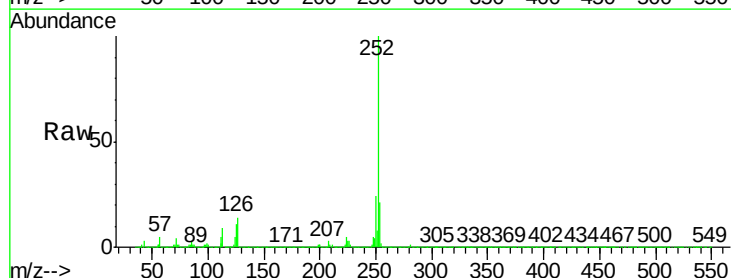
Tgt Ion:252 Resp: 1398049

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

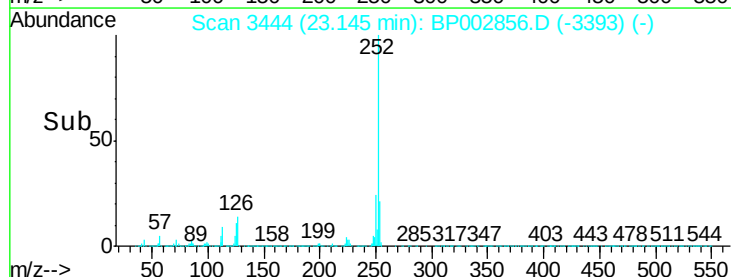
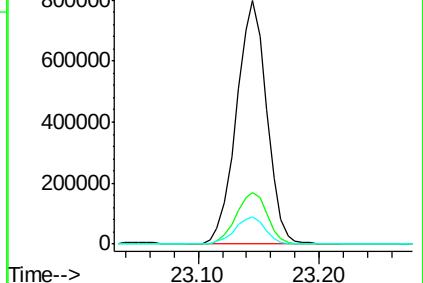
125 11.1 8.9 13.3

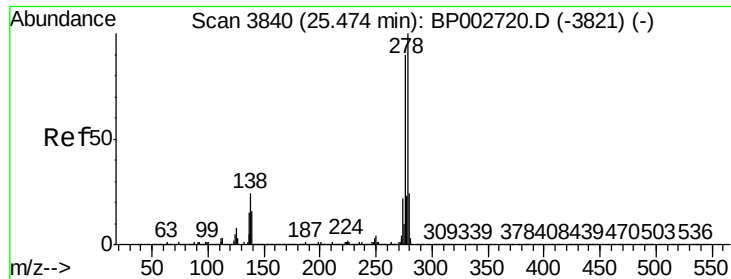


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.403 ng

RT: 25.45 min Scan# 3836

Delta R.T. 0.01 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Instrument :

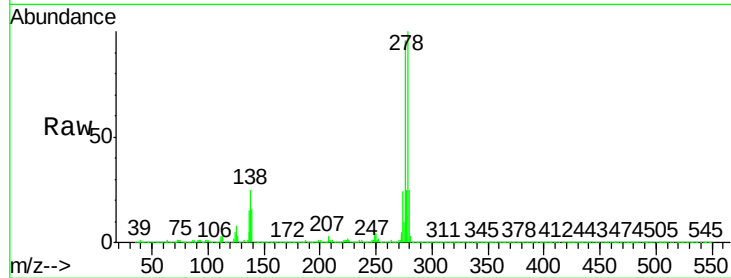
BNA_P

ClientSampleId :

CTR-020MS

Tot Ion:278 Resp: 1507707

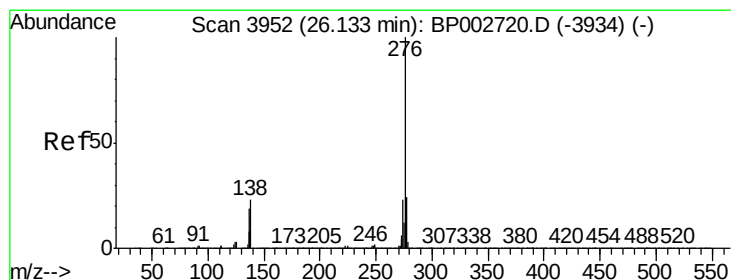
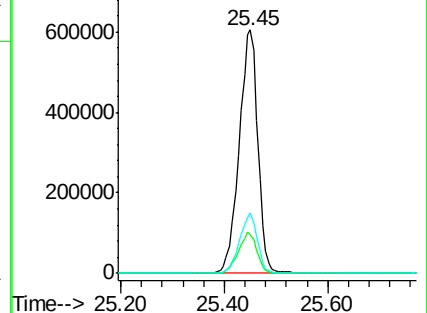
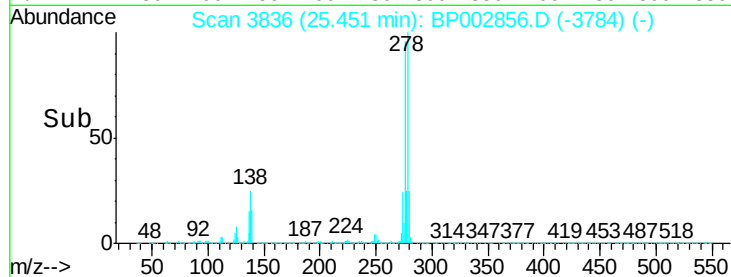
Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.5	20.3
279	24.7	19.4	29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 49.773 ng

RT: 26.11 min Scan# 3948

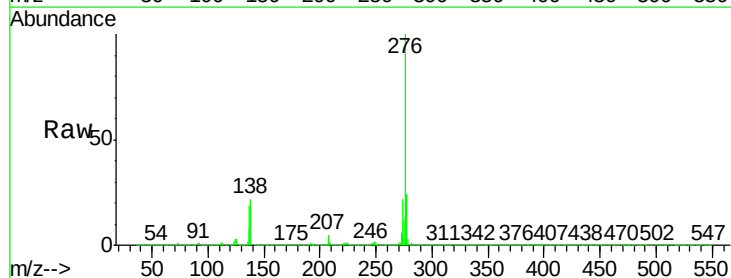
Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Tgt Ion:276 Resp: 1605077

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	22.4	18.2	27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

