

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

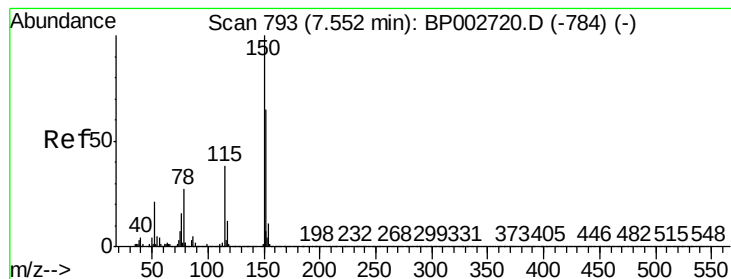
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002856.D
 Acq On : 24 Jul 2020 16:33
 Operator : CG/JU
 Sample : L3382-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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)
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

ClientSampled :

CTR-020MS

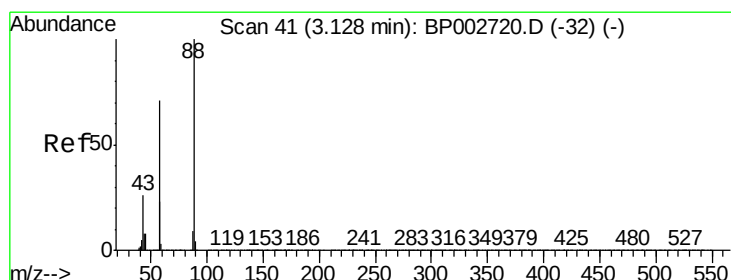
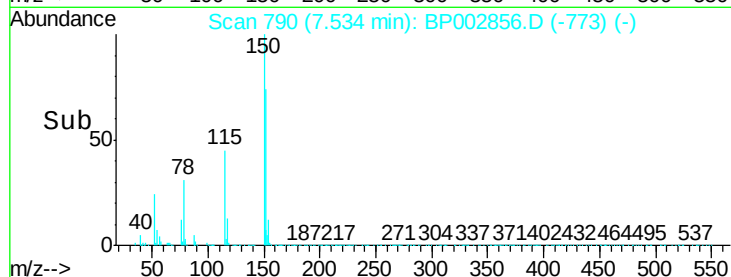
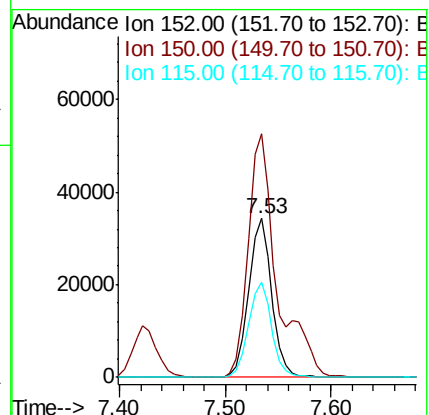
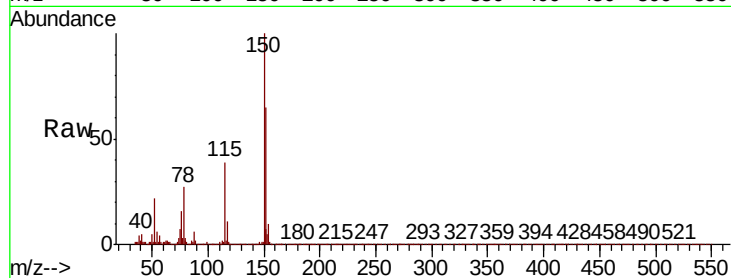
Tot Ion:152 Resp: 51638

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

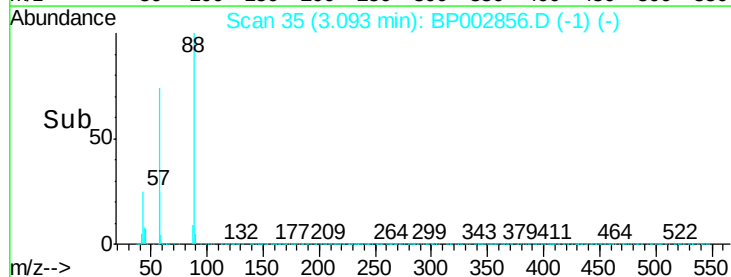
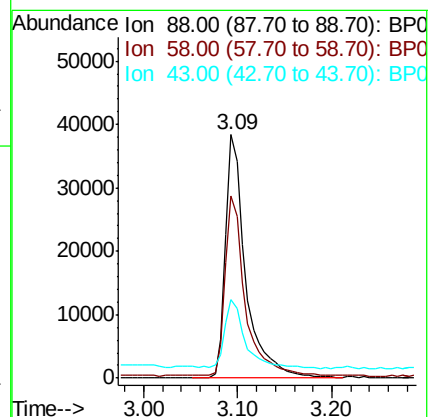
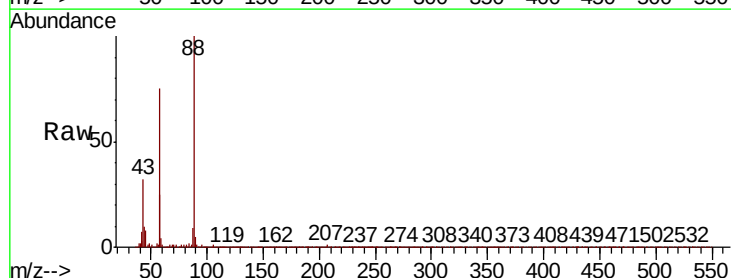
Tgt Ion: 88 Resp: 57438

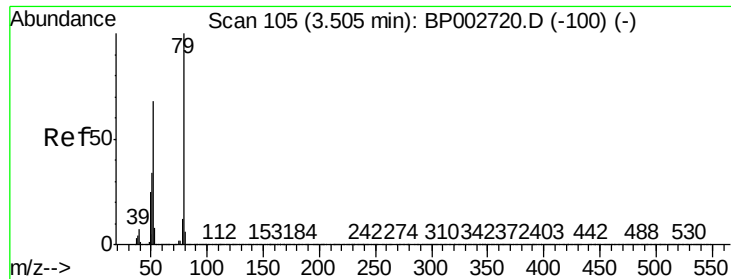
Ion Ratio Lower Upper

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

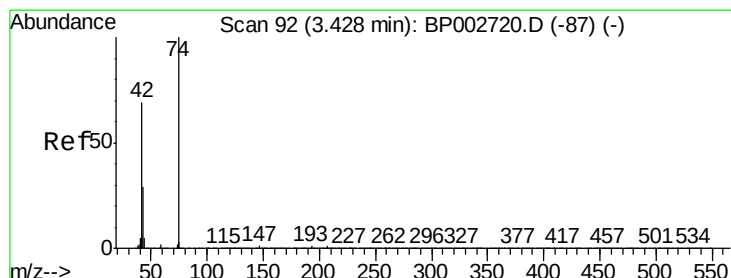
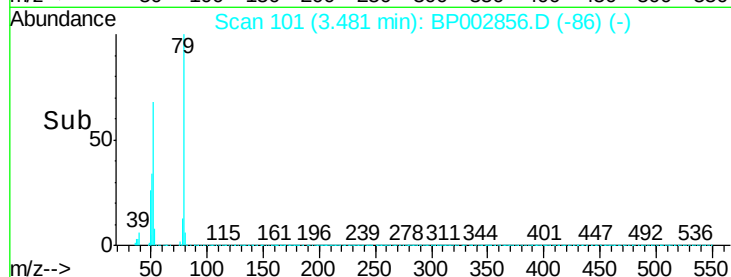
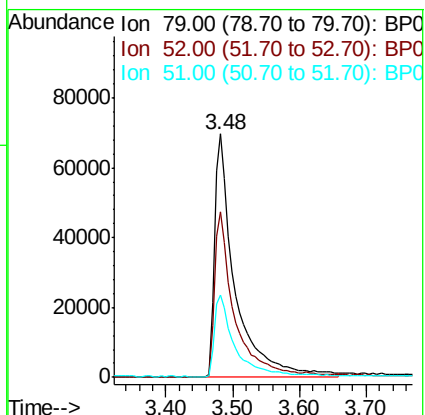
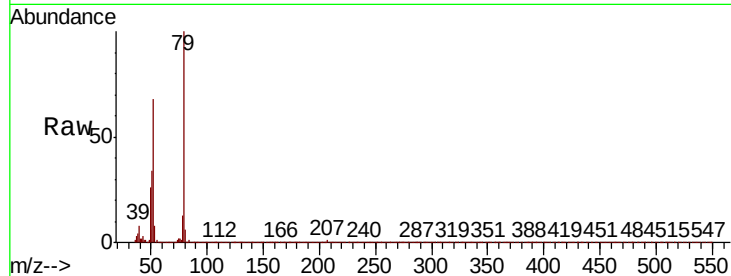
Tot Ion: 79 Resp: 148850

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

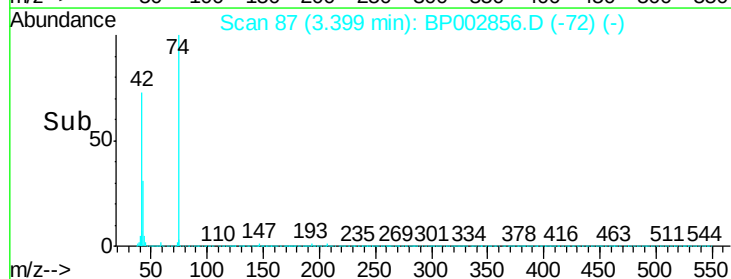
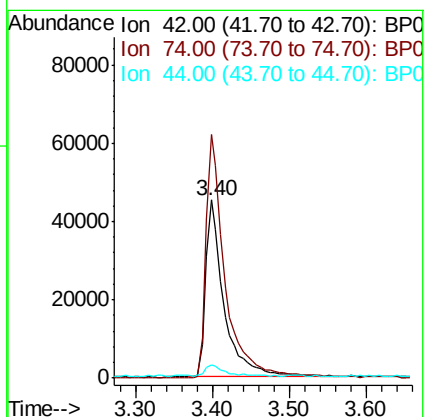
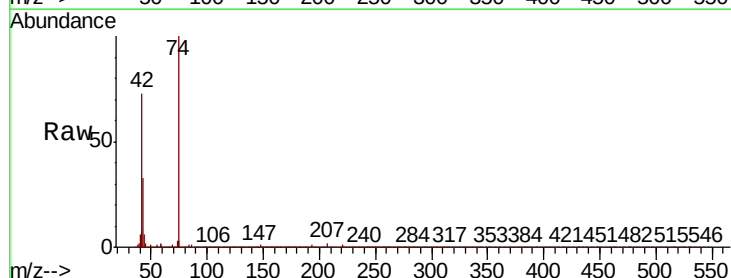
Tgt Ion: 42 Resp: 73845

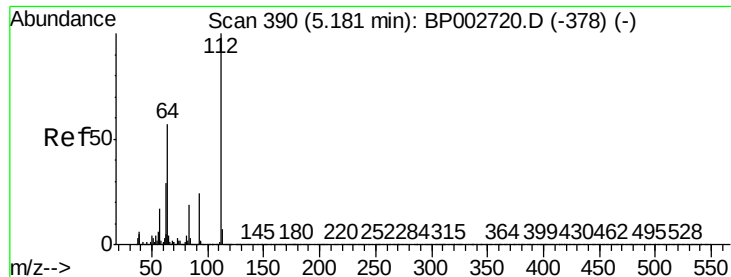
Ion Ratio Lower Upper

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

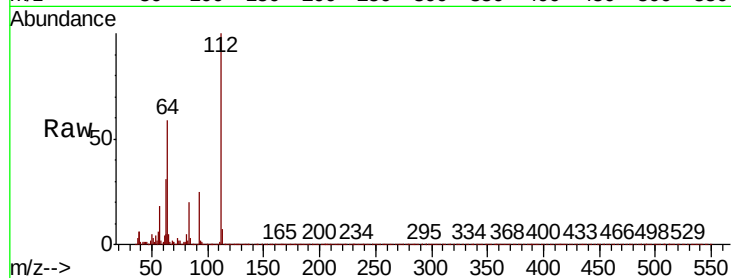
Tot Ion:112 Resp: 429498

Ion Ratio Lower Upper

112 100

64 58.8 48.1 72.1

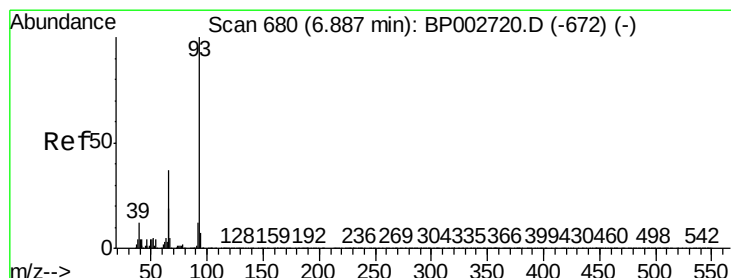
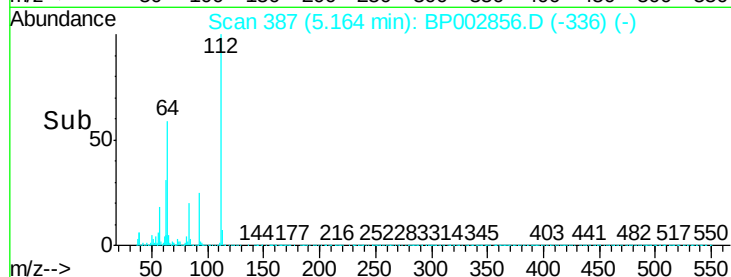
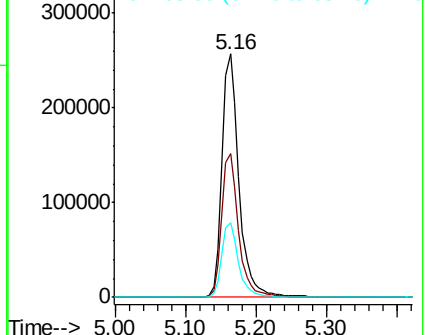
63 30.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): B

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

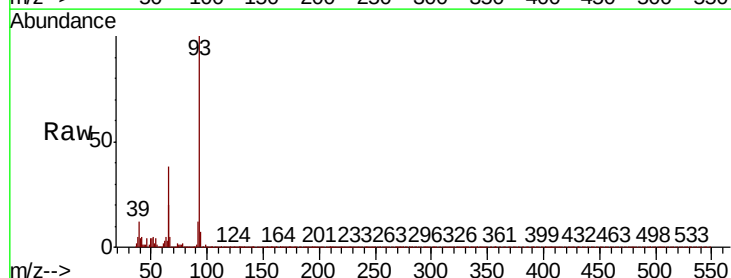
Tgt Ion: 93 Resp: 187952

Ion Ratio Lower Upper

93 100

66 38.3 31.1 46.7

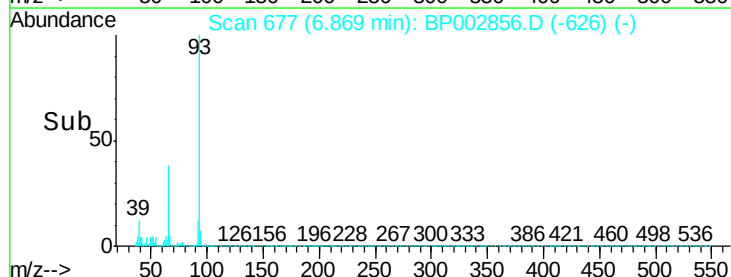
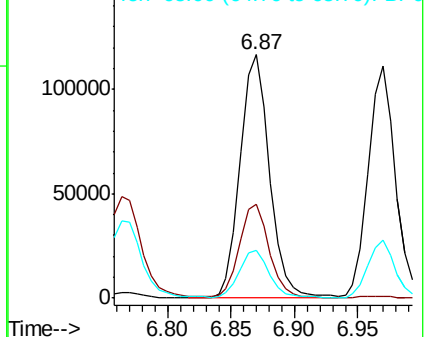
65 19.7 16.1 24.1

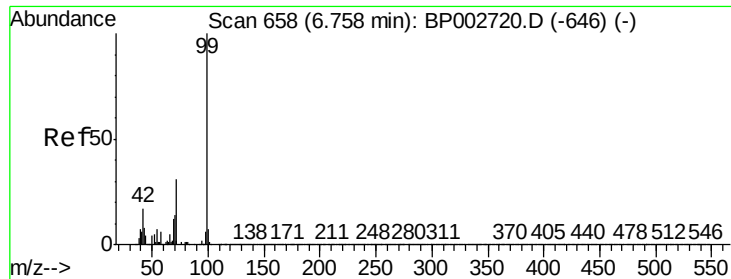


Abundance Ion 93.00 (92.70 to 93.70): BP0

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 :

CTR-020MS

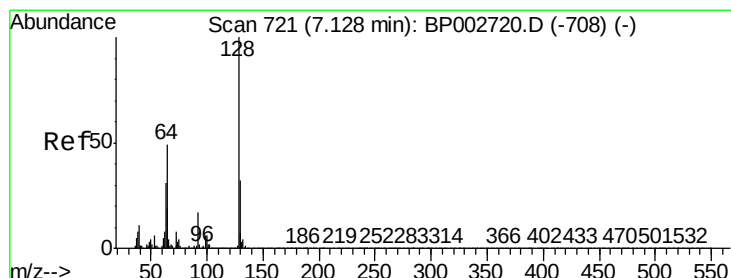
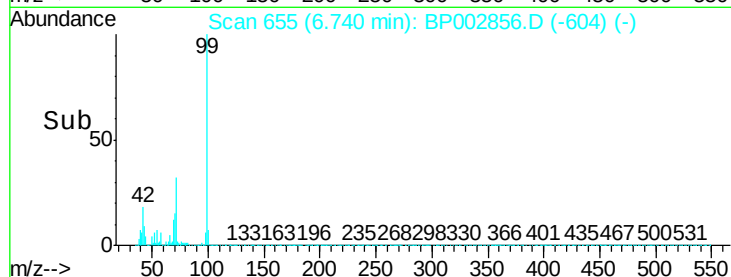
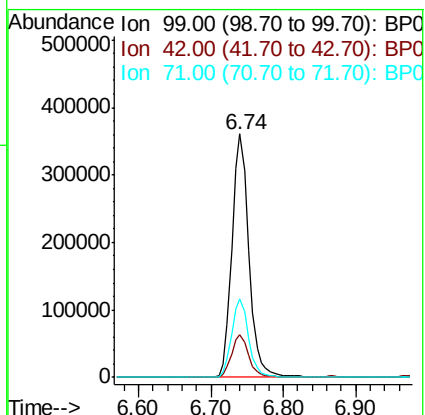
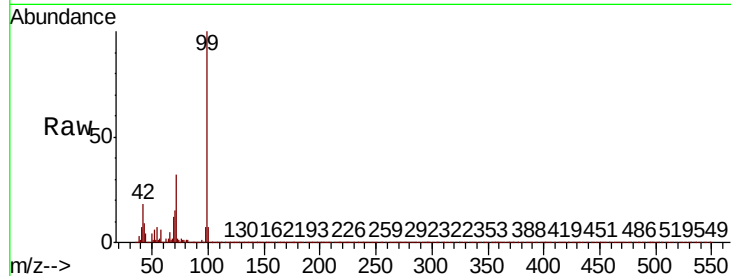
Tot Ion: 99 Resp: 590695

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

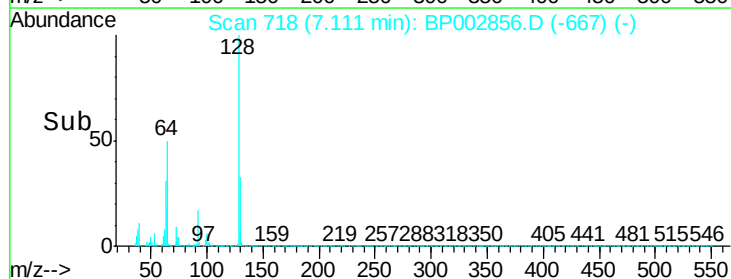
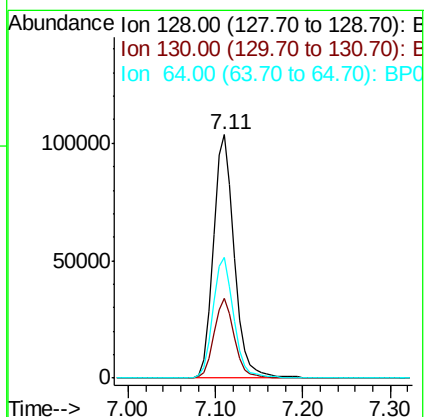
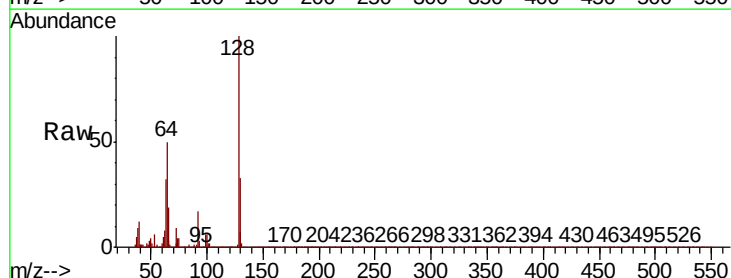
Tgt Ion: 128 Resp: 171674

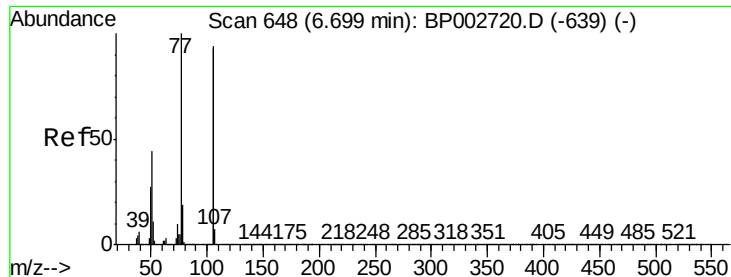
Ion Ratio Lower Upper

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 :

BNA_P

ClientSampleId :

CTR-020MS

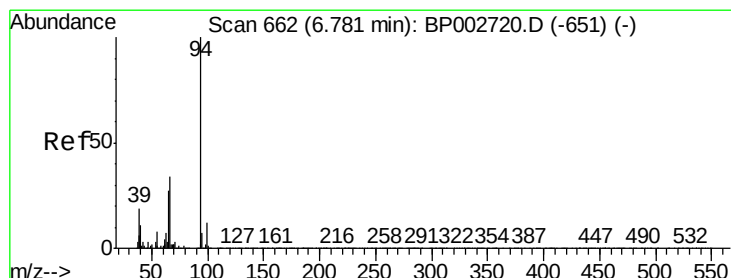
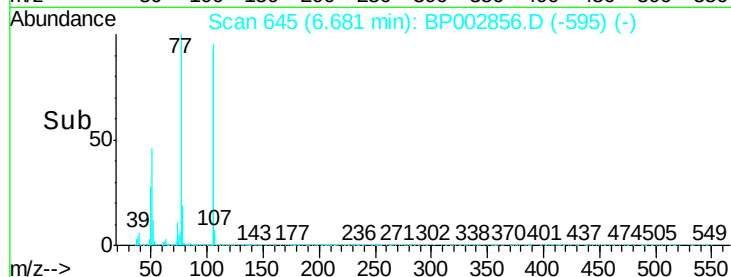
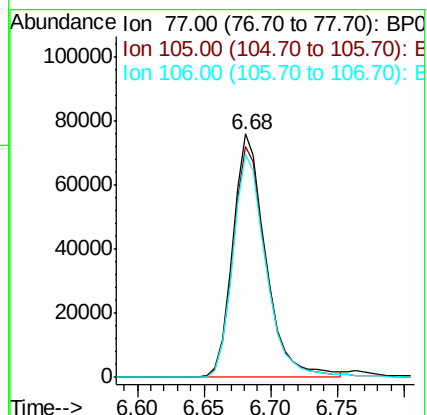
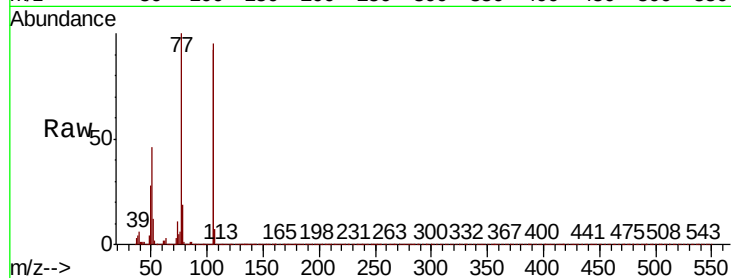
Tot Ion: 77 Resp: 129644

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

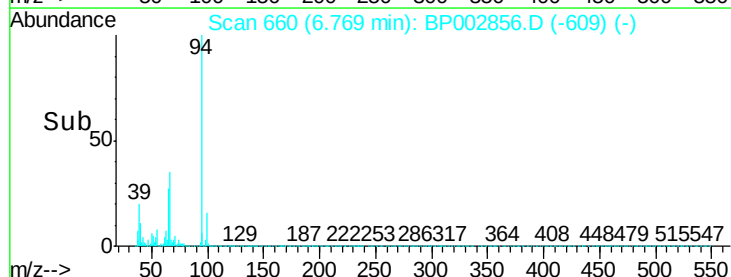
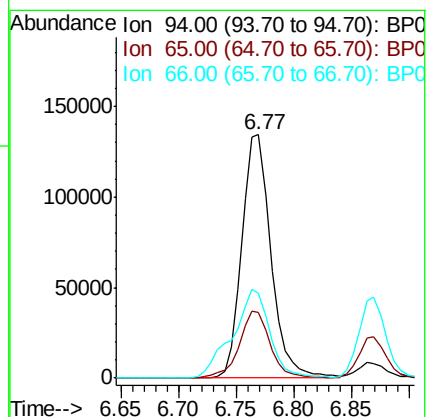
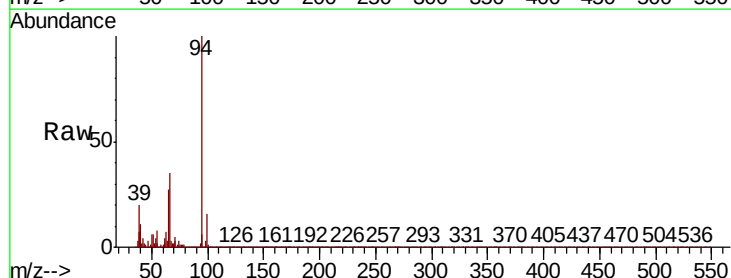
Tgt Ion: 94 Resp: 236020

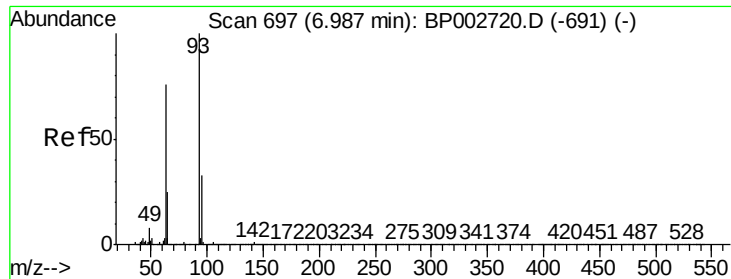
Ion Ratio Lower Upper

94 100

65 26.9 7.6 47.6

66 34.9 15.5 55.5

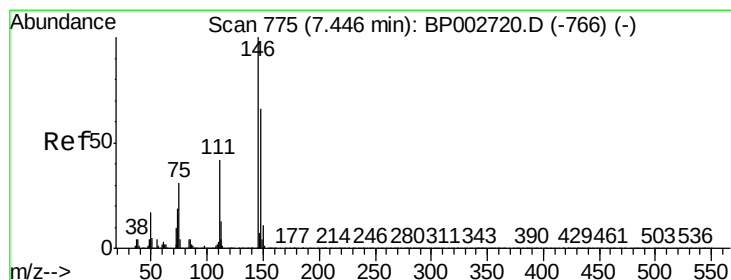
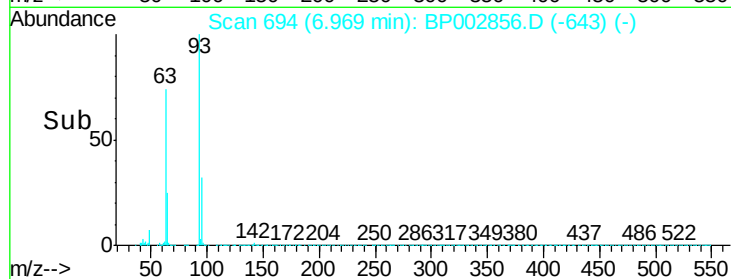
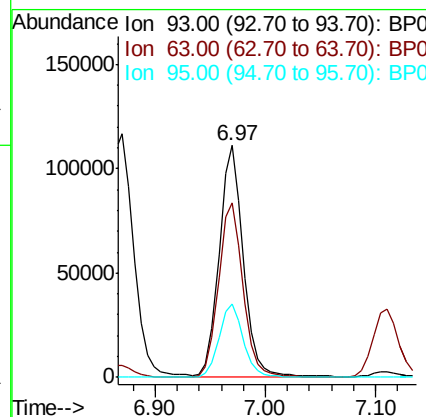
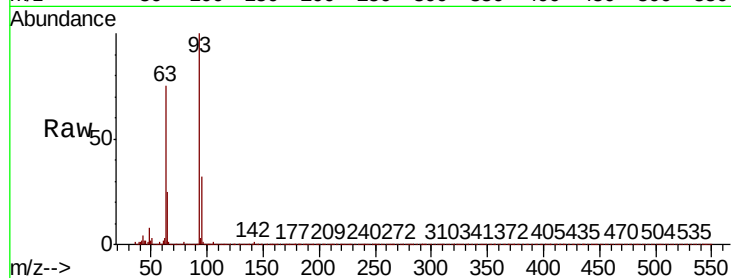




#11
bis(2-Chloroethyl)ether
Concen: 45.096 ng
RT: 6.97 min Scan# 694
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

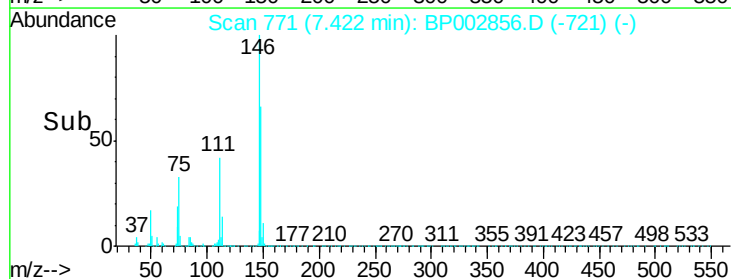
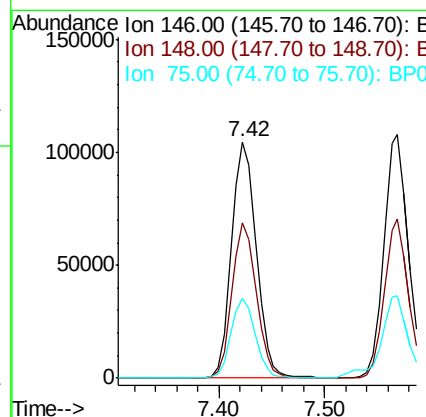
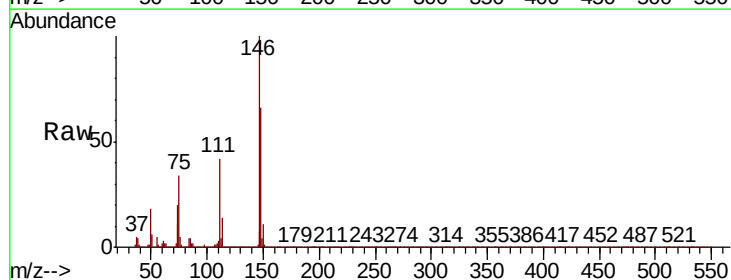
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

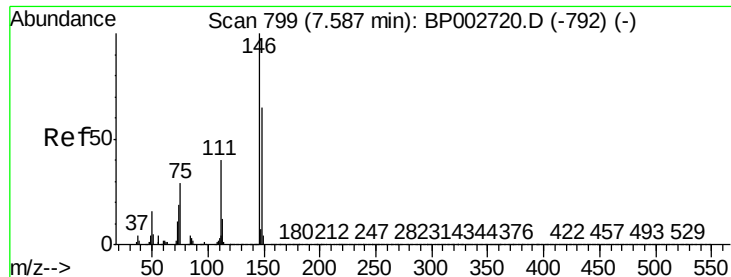
Tot Ion:	93	Resp:	167832
Ion	Ratio	Lower	Upper
93	100		
63	75.2	56.6	96.6
95	31.9	11.0	51.0



#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

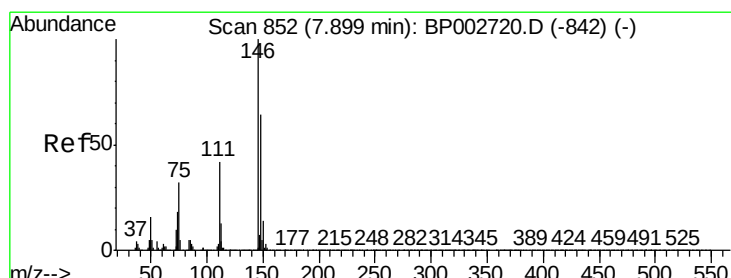
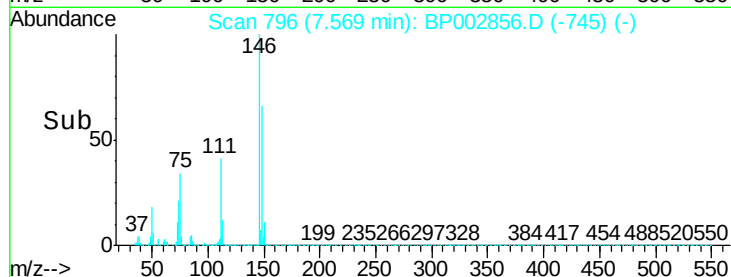
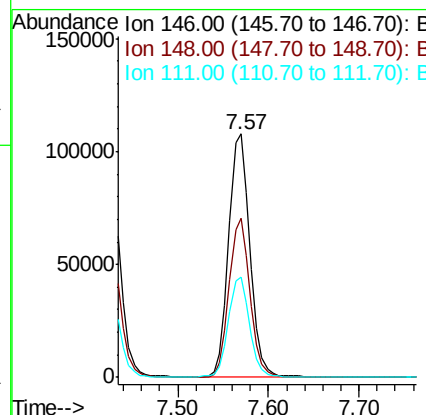
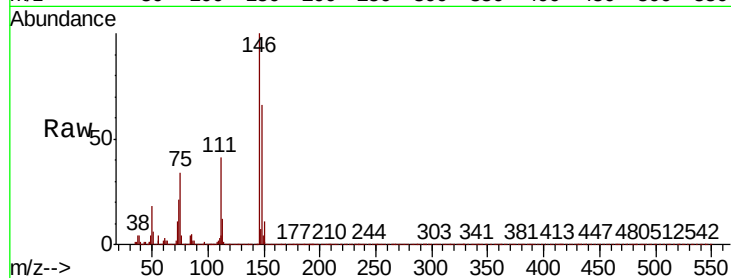
Delta R.T. 0.00 min

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

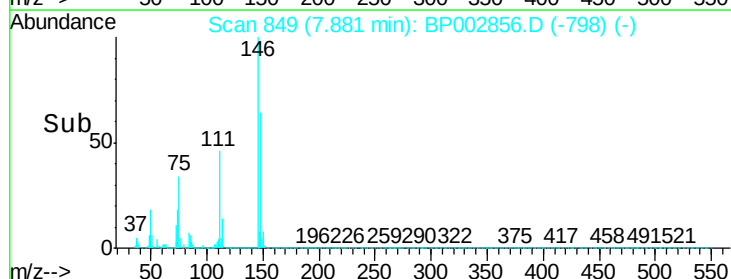
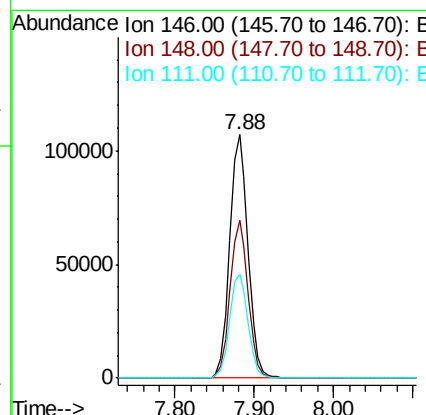
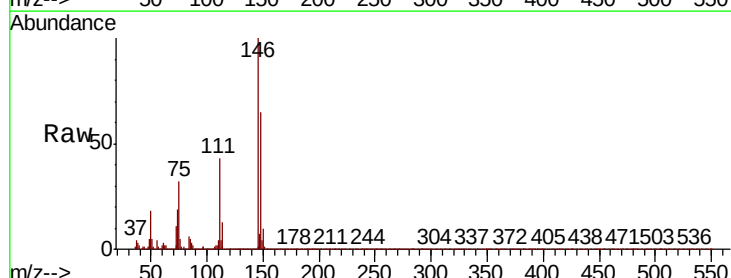
RT: 7.88 min Scan# 849

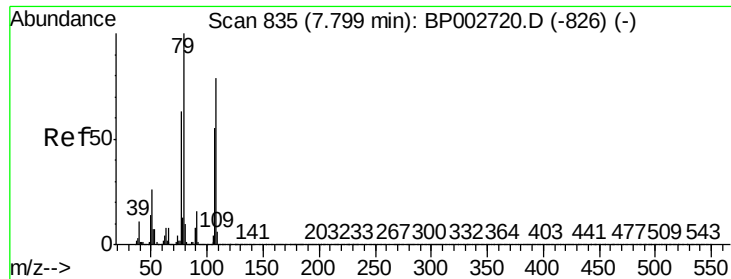
Delta R.T. 0.00 min

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

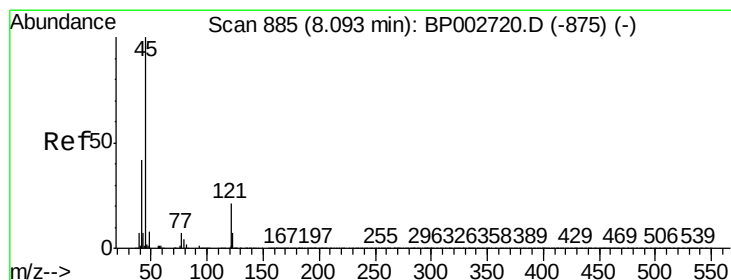
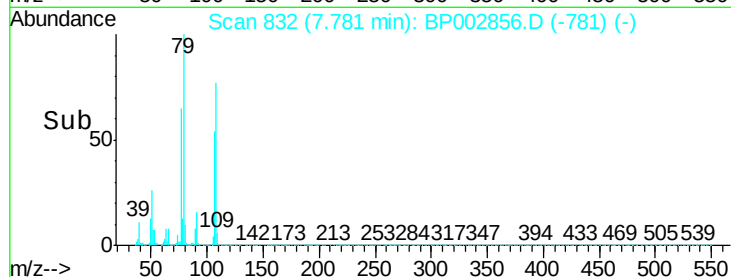
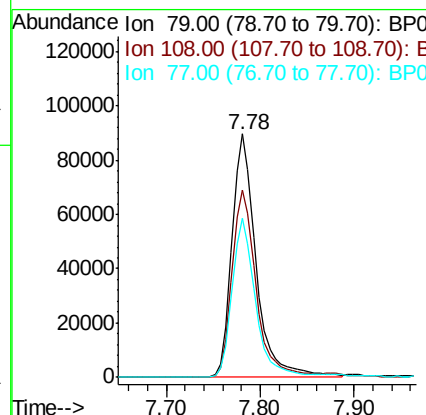
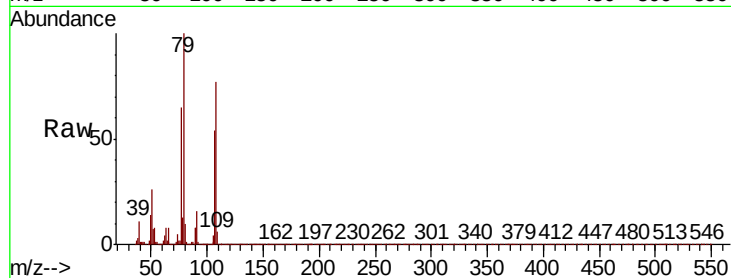




#15
Benzyl Alcohol
Concen: 54.342 ng
RT: 7.78 min Scan# 832
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

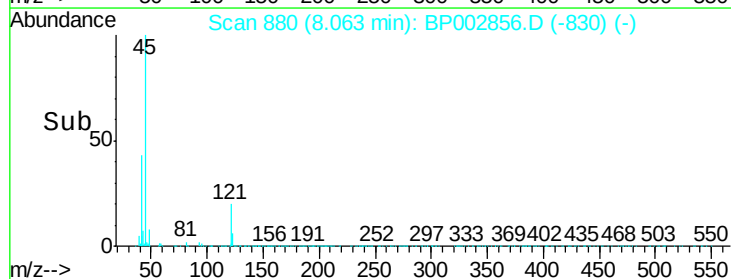
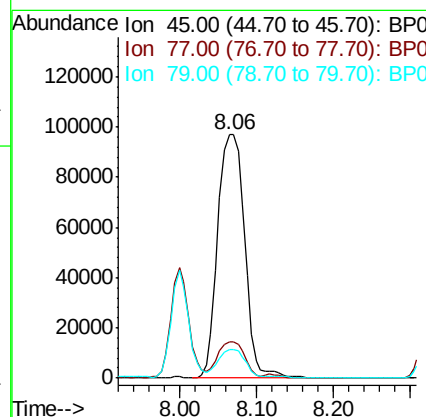
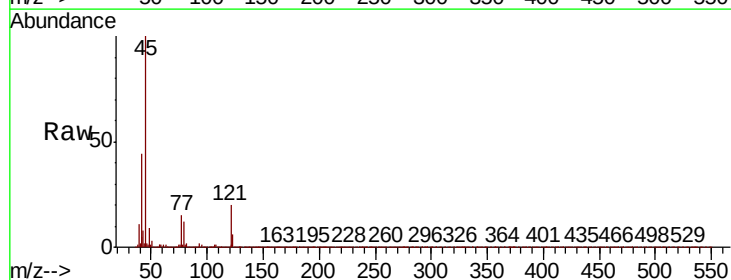
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

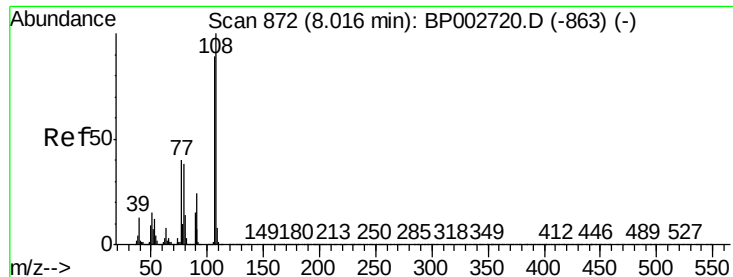
Tot Ion:	79	Resp:	158842
Ion	Ratio	Lower	Upper
79	100		
108	76.8	60.7	91.1
77	65.2	50.5	75.7



#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:	45	Resp:	233607
Ion	Ratio	Lower	Upper
45	100		
77	14.8	0.0	34.9
79	11.5	0.0	31.3

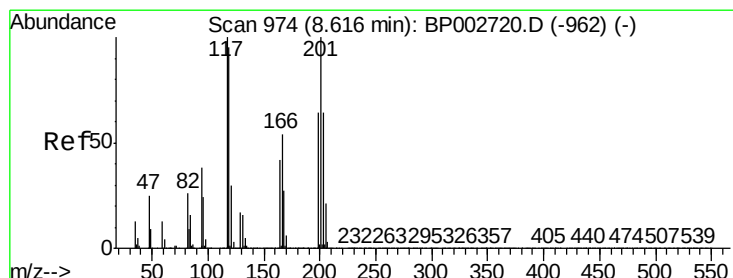
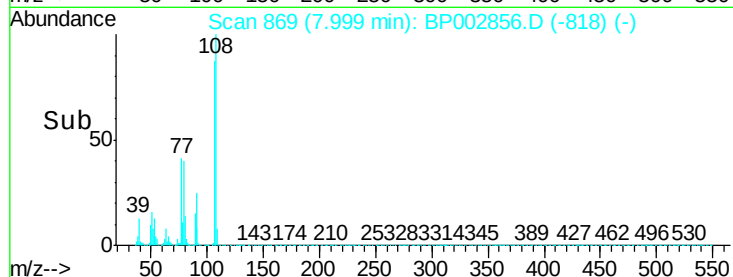
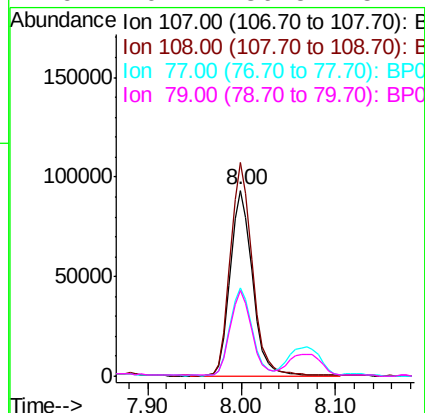
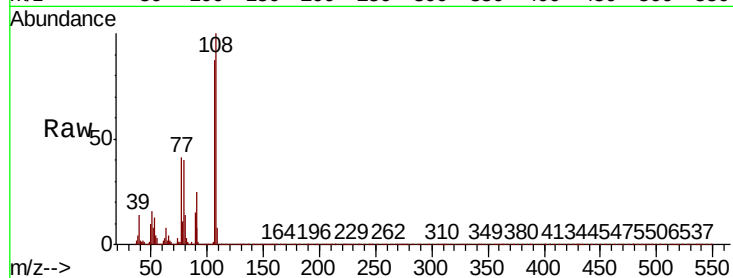




#17
2-Methylphenol
Concen: 48.230 ng
RT: 8.00 min Scan# 869
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

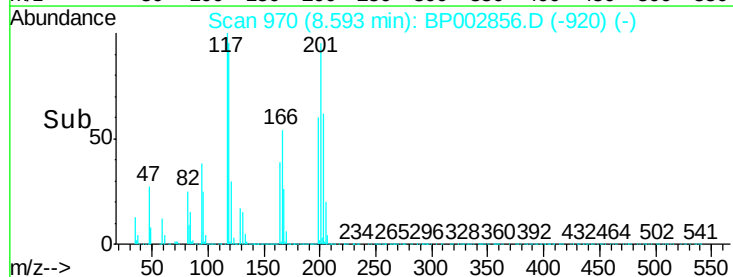
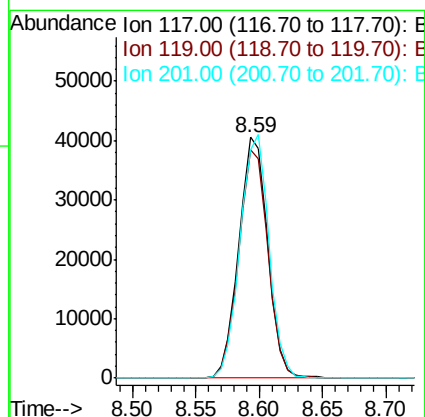
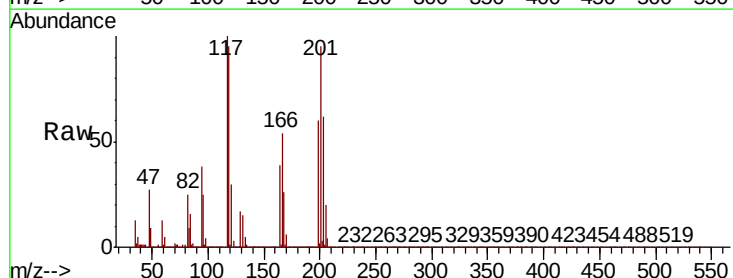
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

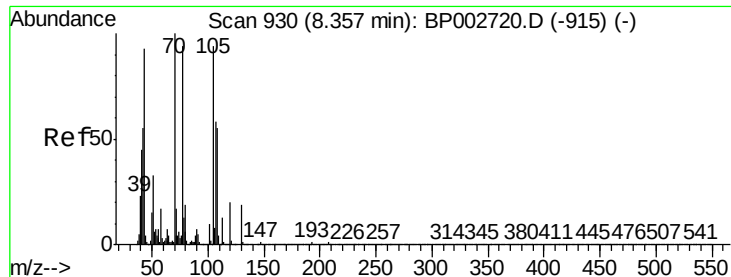
Tot Ion:	107	Resp:	153744
Ion	Ratio	Lower	Upper
107	100		
108	115.1	89.7	134.5
77	47.4	38.4	57.6
79	46.4	36.5	54.7



#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

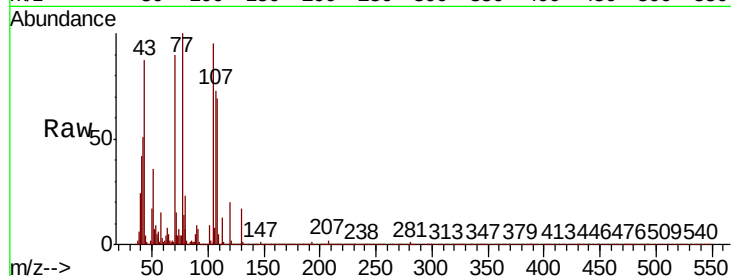




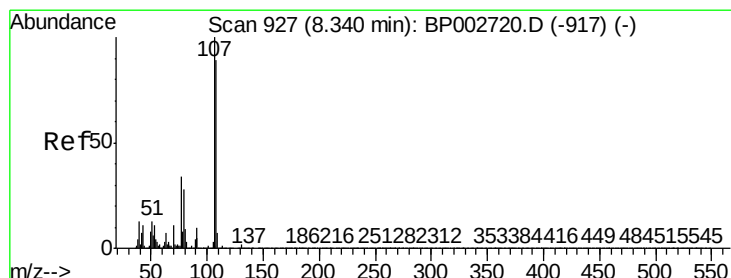
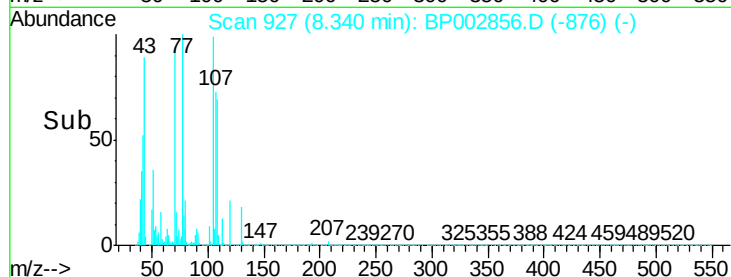
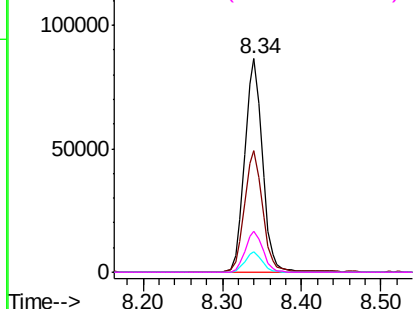
#19
n-Nitroso-di-n-propylamine
Concen: 50.388 ng
RT: 8.34 min Scan# 927
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

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

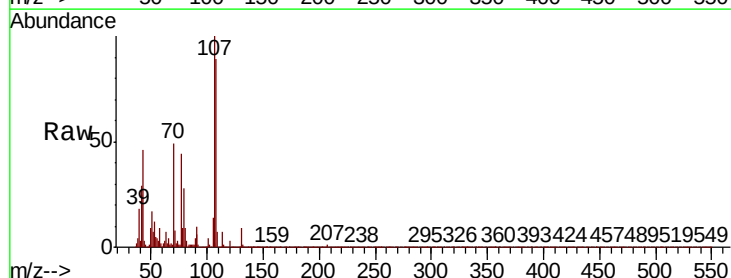


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

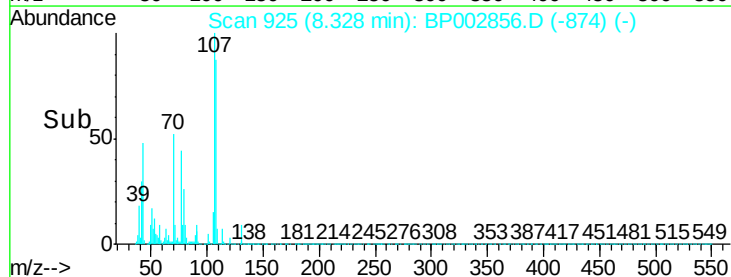
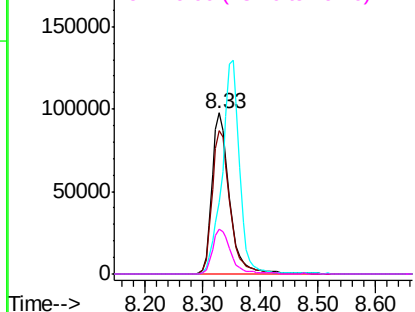


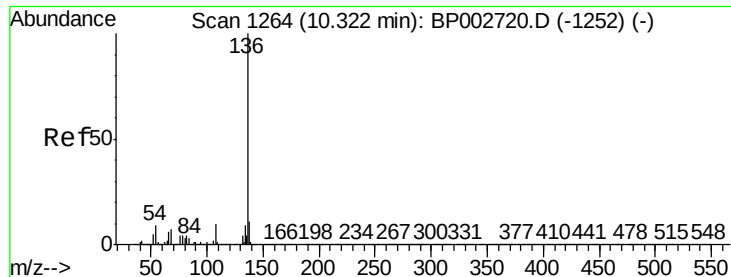
#20
3+4-Methylphenols
Concen: 49.035 ng
RT: 8.33 min Scan# 925
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

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



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

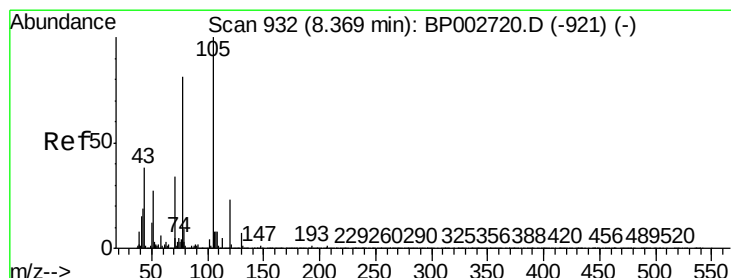
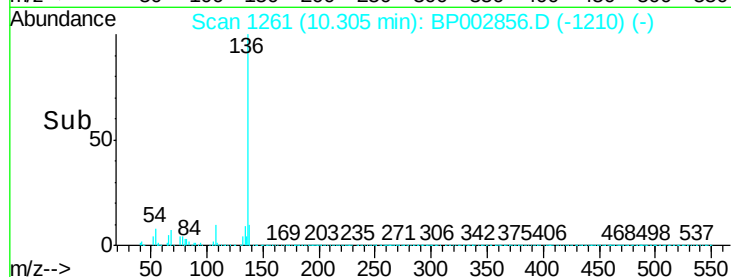
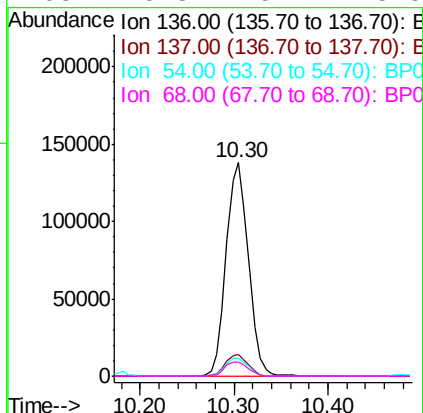
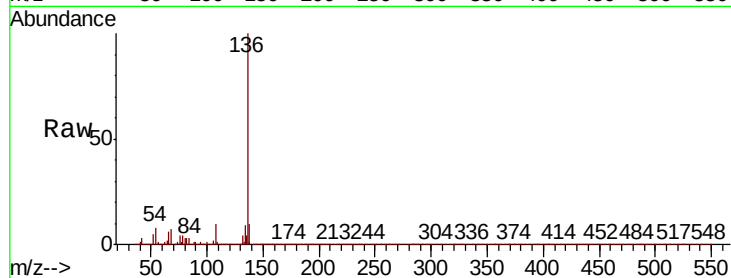




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.30 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

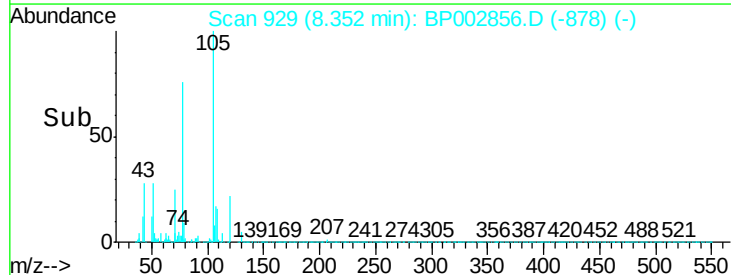
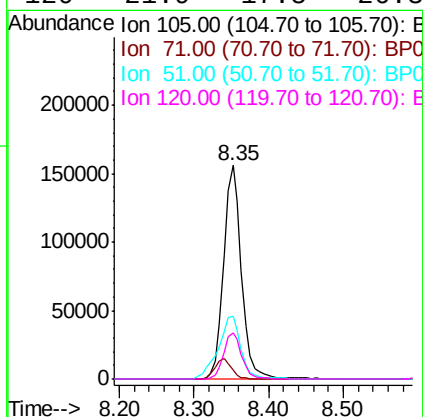
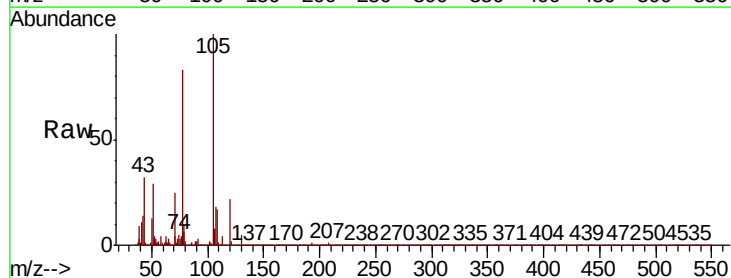
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

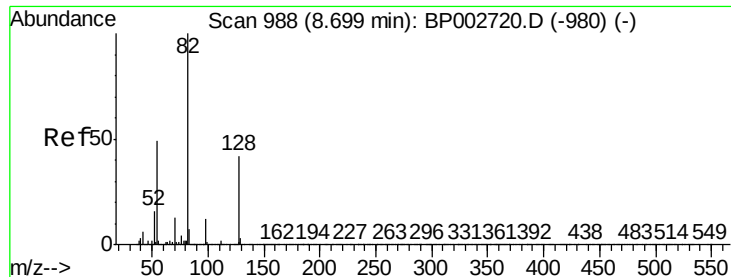
Tot Ion:136	Resp: 227488
Ion Ratio	Lower Upper
136 100	
137 10.2	8.8 13.2
54 8.5	7.3 10.9
68 6.8	5.7 8.5



#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

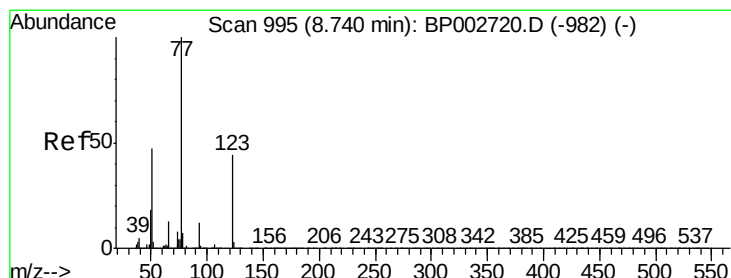
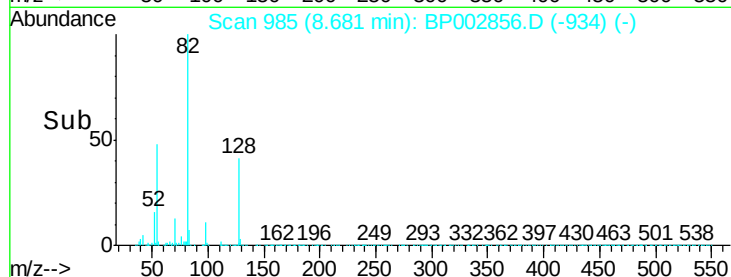
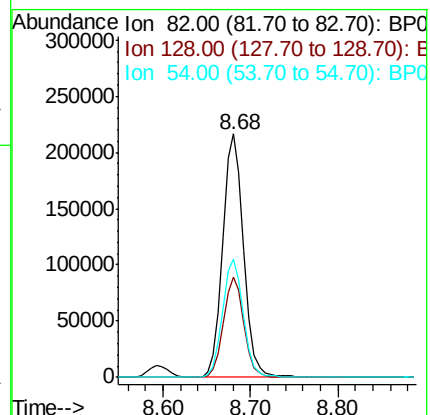
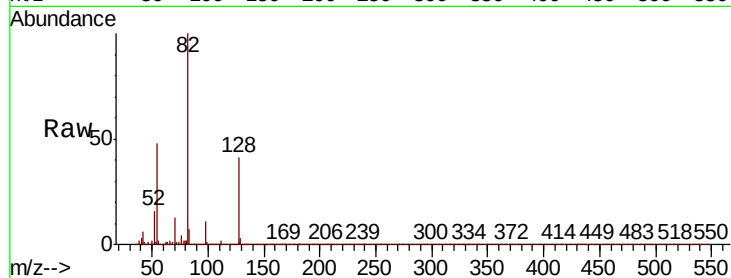
Tot Ion: 82 Resp: 356907

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

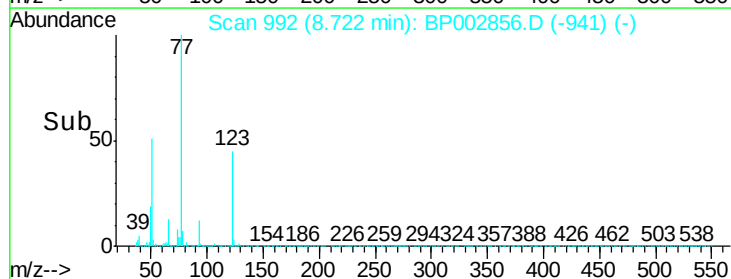
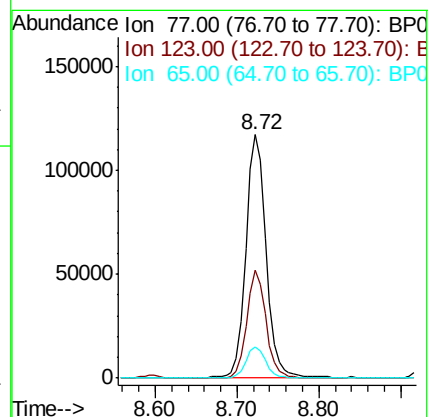
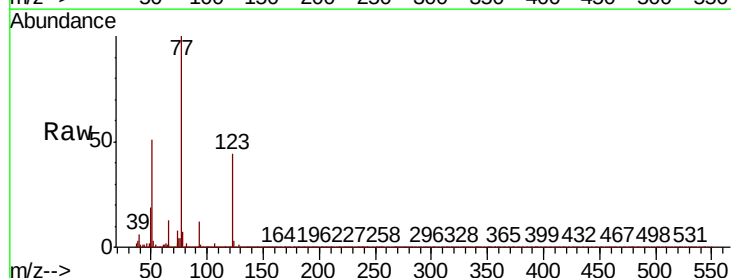
Tgt Ion: 77 Resp: 199583

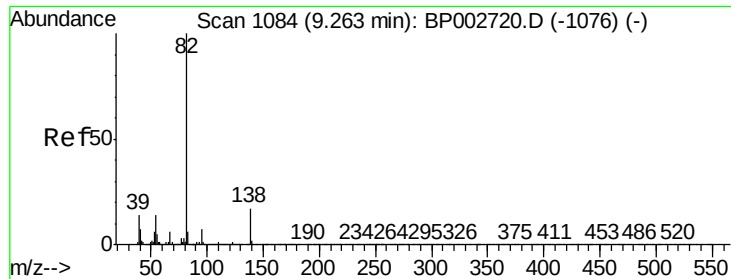
Ion Ratio Lower Upper

77 100

123 44.1 33.8 50.8

65 13.0 10.9 16.3

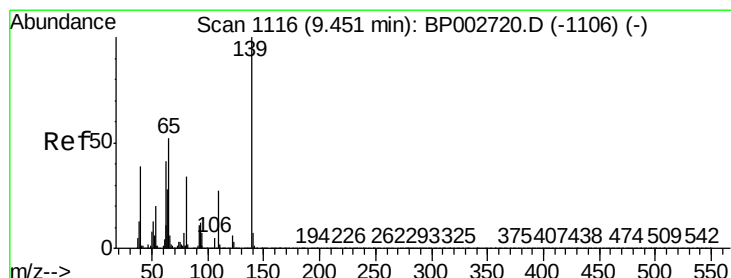
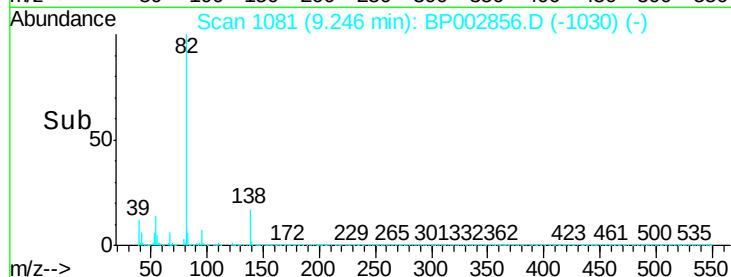
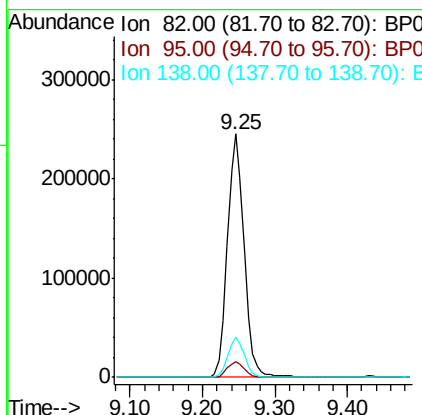
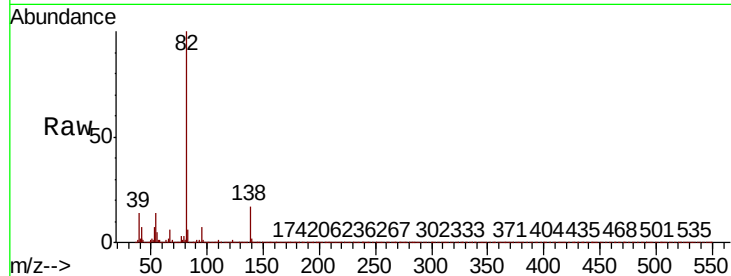




#25
Isophorone
Concen: 45.150 ng
RT: 9.25 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

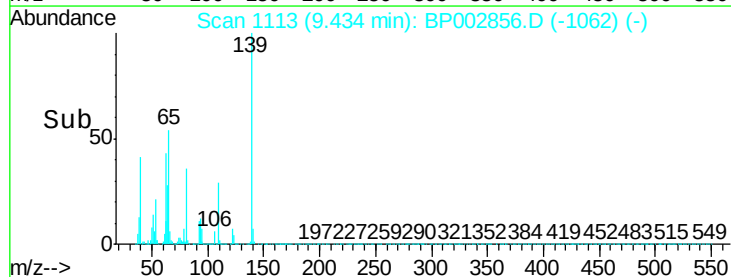
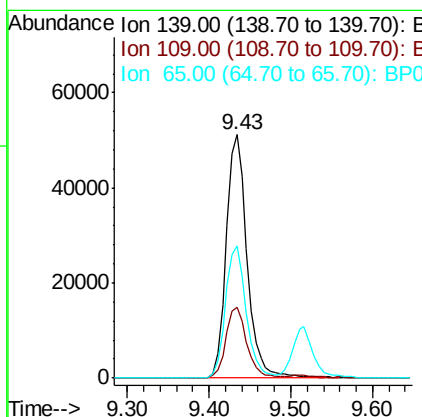
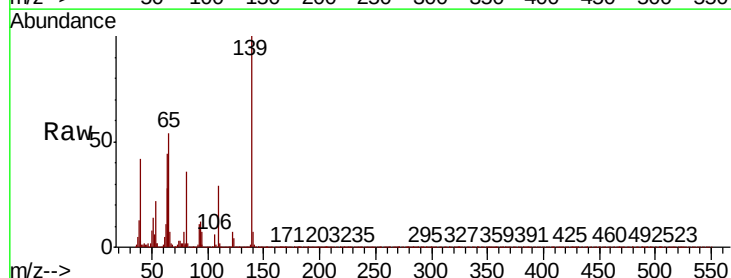
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

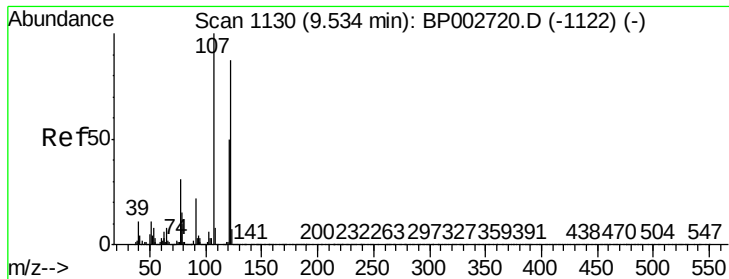
Tot Ion: 82 Resp: 391399
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 16.7 12.6 18.8



#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

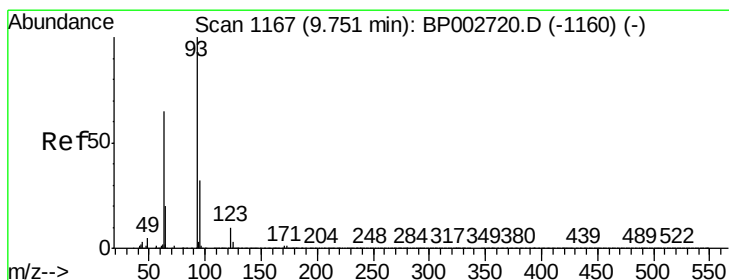
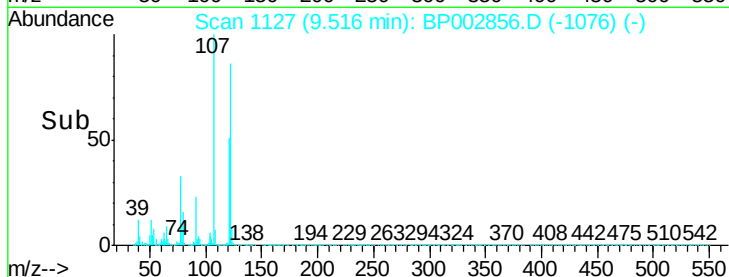
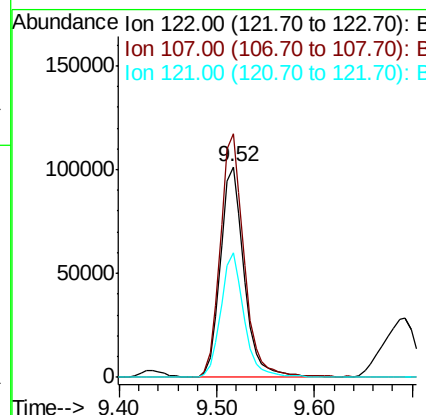
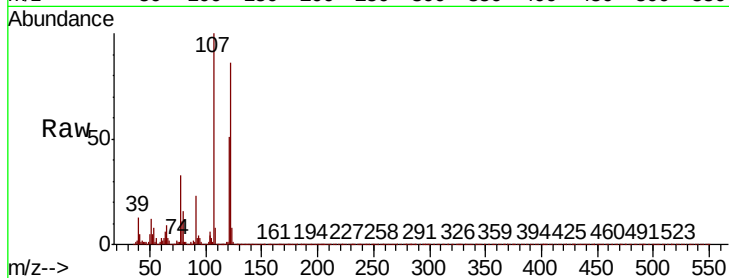




#27
2,4-Dimethylphenol
Concen: 52.826 ng
RT: 9.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

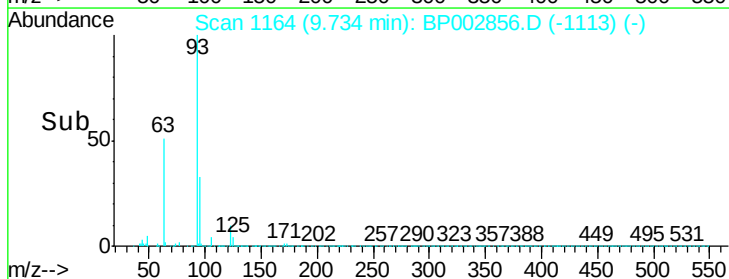
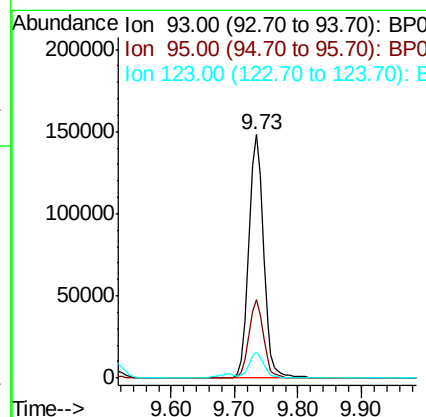
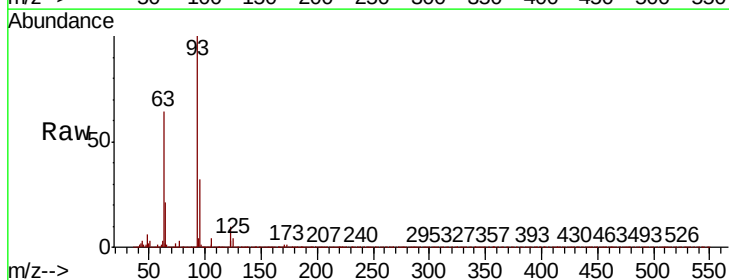
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

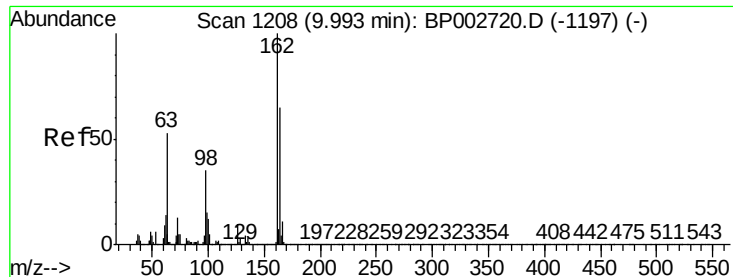
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	94.9	142.3
121	59.3	47.1	70.7



#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	Ratio	Lower	Upper
93	100		
95	32.3	24.9	37.3
123	10.5	8.4	12.6

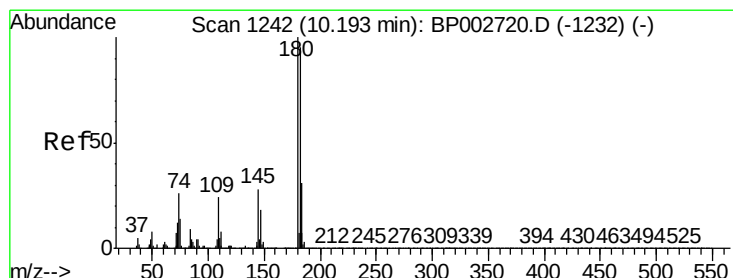
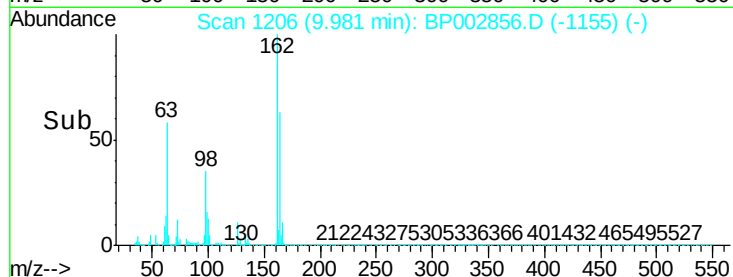
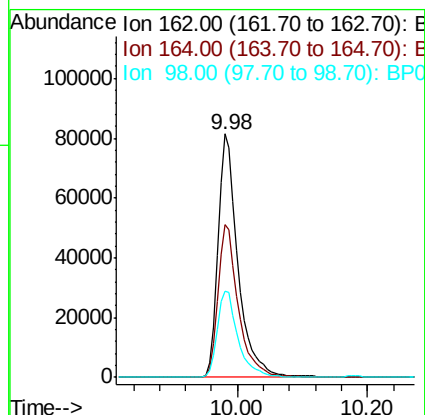
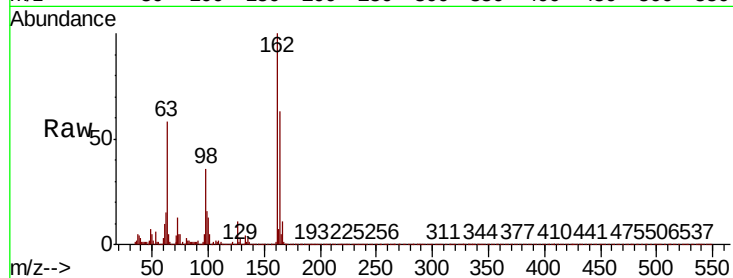




#29
2,4-Dichlorophenol
Concen: 48.390 ng
RT: 9.98 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

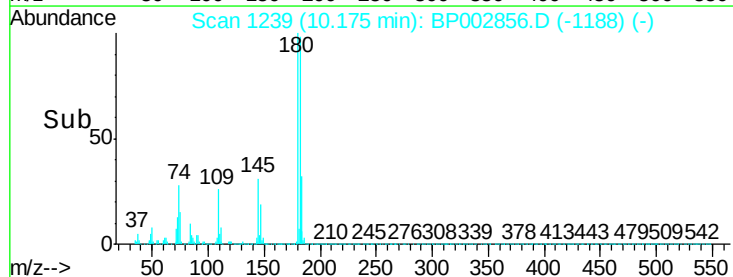
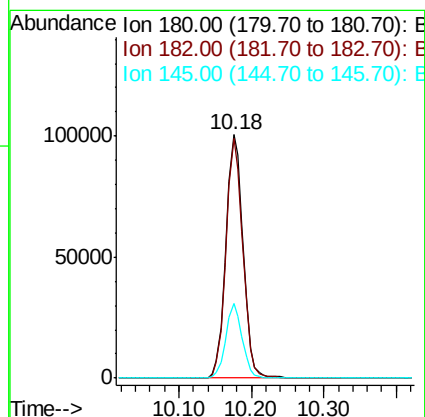
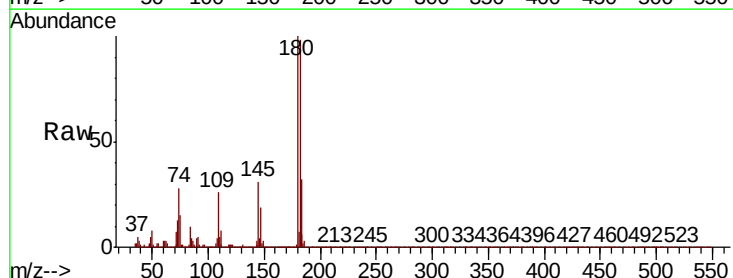
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

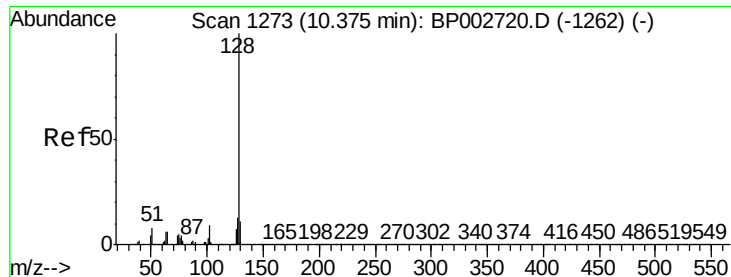
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	44.1	84.1
98	35.5	18.0	58.0



#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	Ratio	Lower	Upper
180	100		
182	98.4	77.0	115.6
145	30.7	22.7	34.1

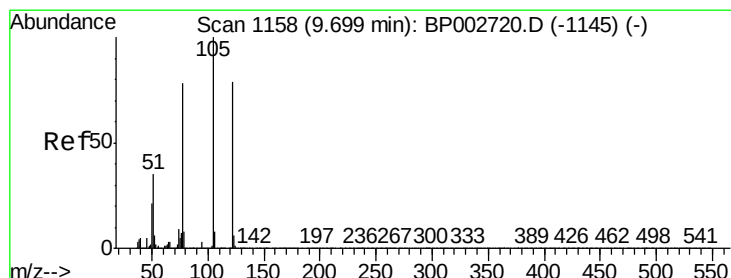
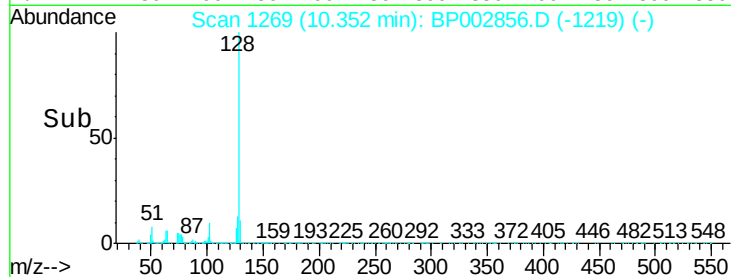
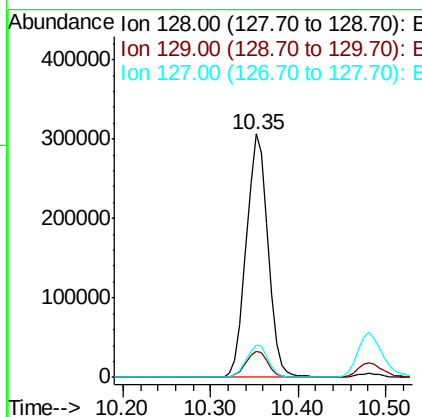
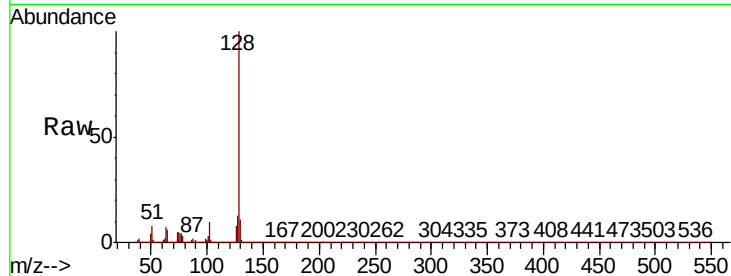




#31
Naphthalene
Concen: 42.699 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

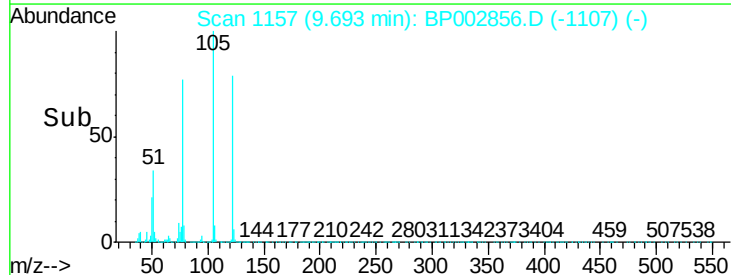
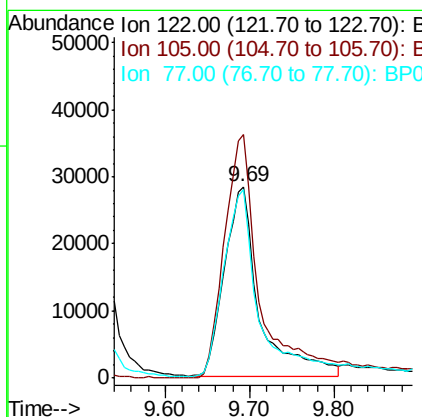
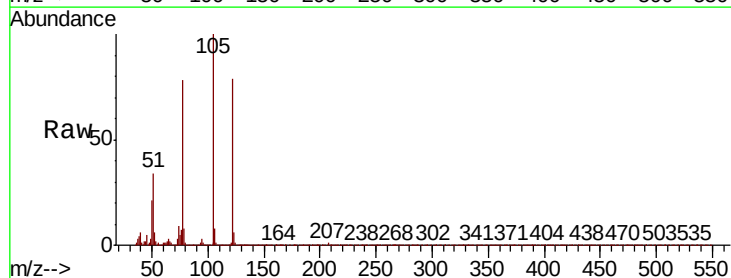
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

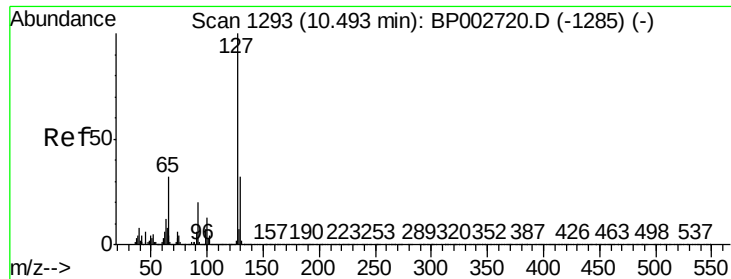
Tot Ion:128	Resp:	512826	
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.7	13.1
127	13.2	10.6	15.8



#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

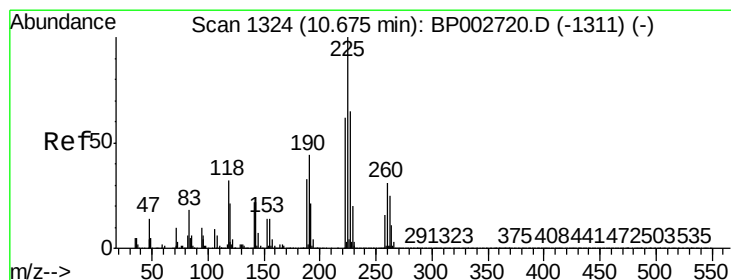
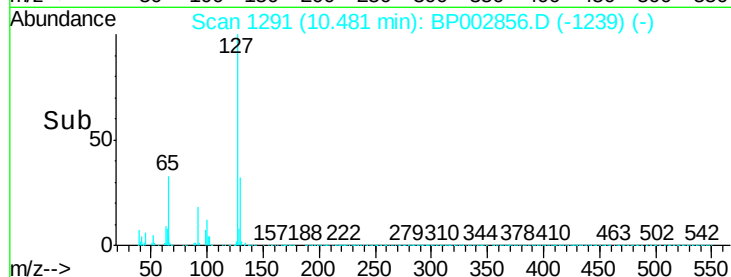
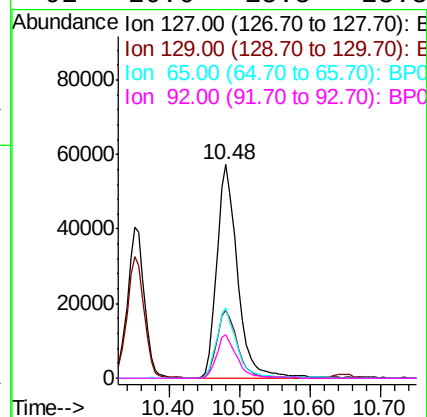
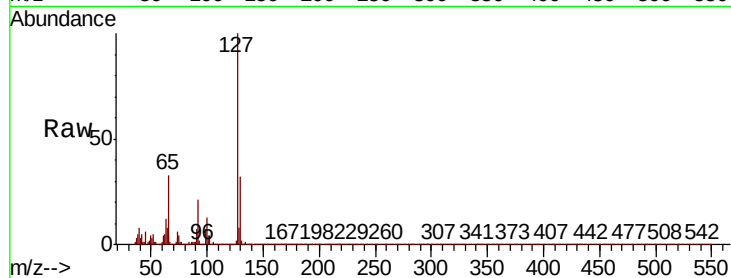




#33
4-Chloroaniline
Concen: 22.572 ng
RT: 10.48 min Scan# 1291
Delta R.T. 0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

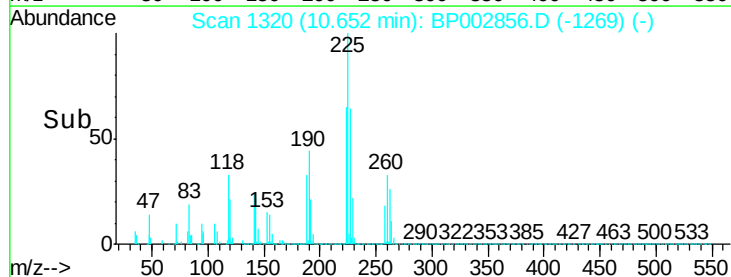
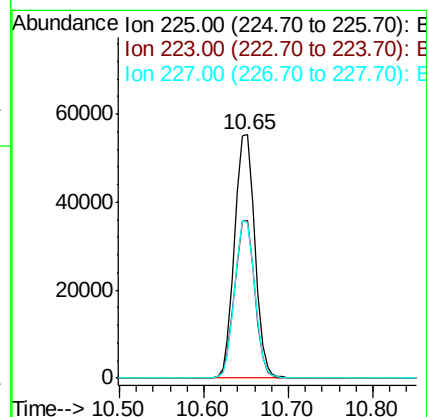
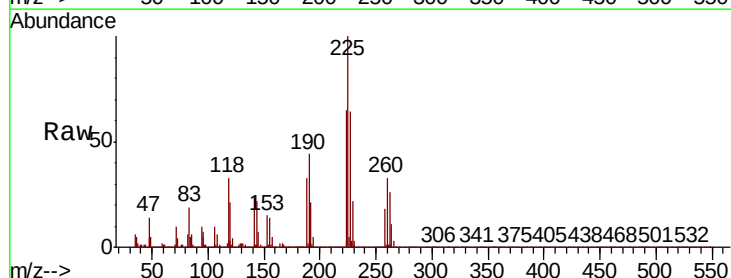
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

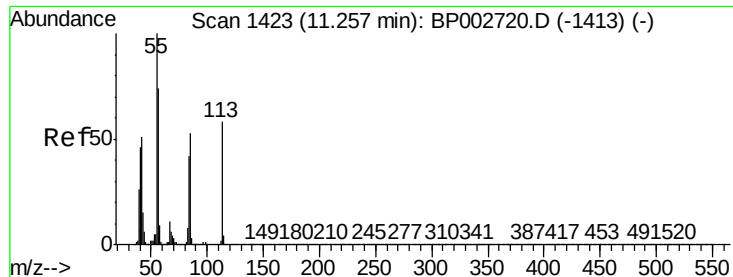
Tot Ion:	127	Resp:	116169
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.4	38.2
65	33.0	25.4	38.0
92	20.6	15.5	23.3



#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

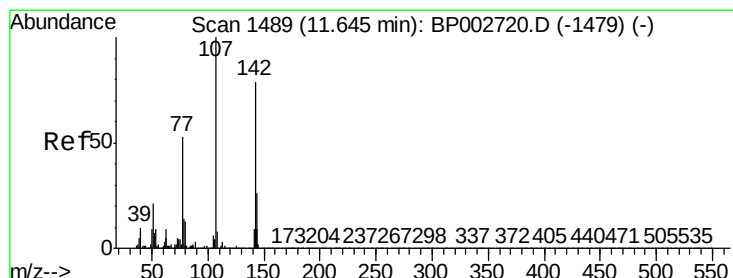
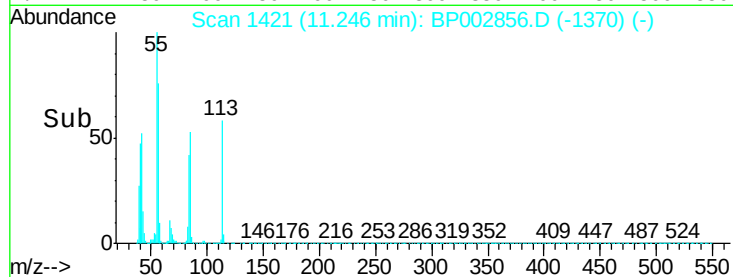
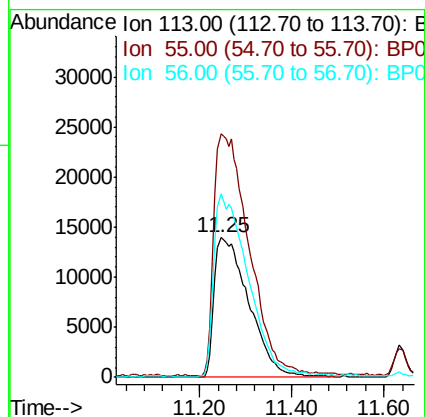
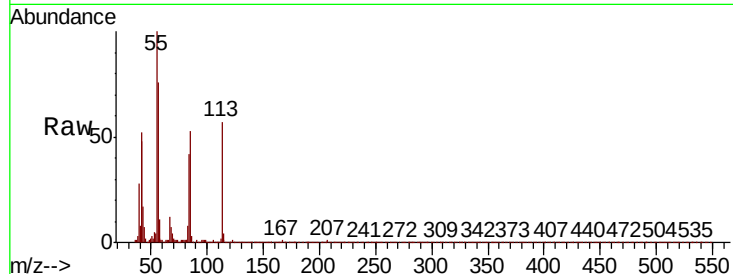




#35
Caprolactam
Concen: 58.448 ng
RT: 11.25 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

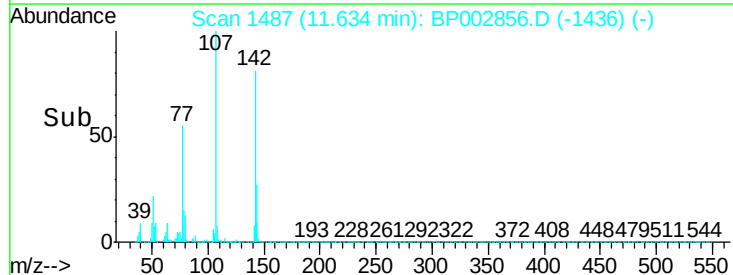
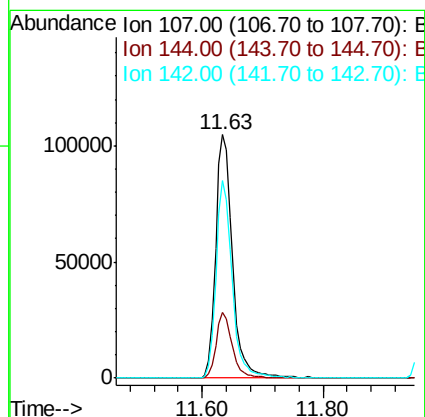
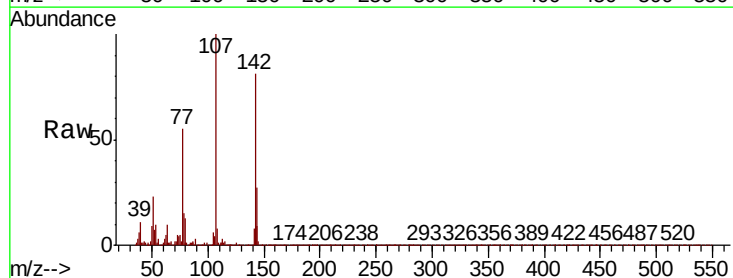
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

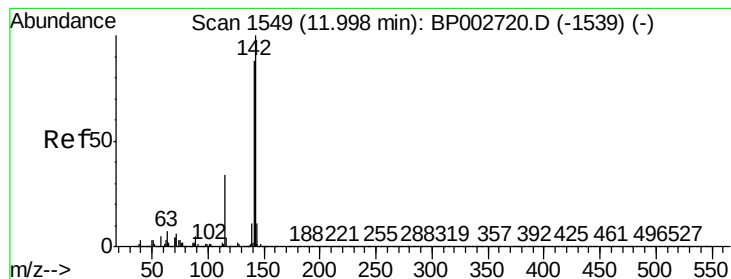
Tot Ion:113 Resp: 72777
Ion Ratio Lower Upper
113 100
55 174.7 155.6 195.6
56 131.9 111.2 151.2



#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

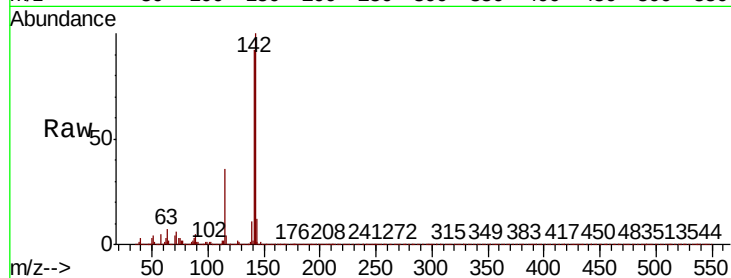
Tot Ion:142 Resp: 384267

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

300000

250000

200000

150000

100000

50000

0

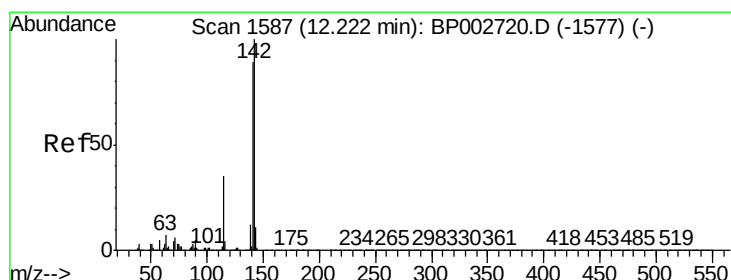
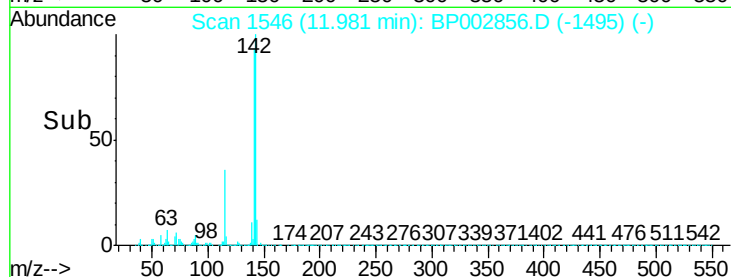
11.98

11.90

12.00

12.10

Time-->



#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

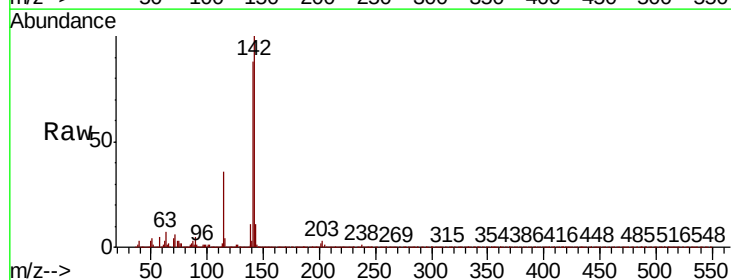
Tgt Ion:142 Resp: 365246

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

300000

250000

200000

150000

100000

50000

0

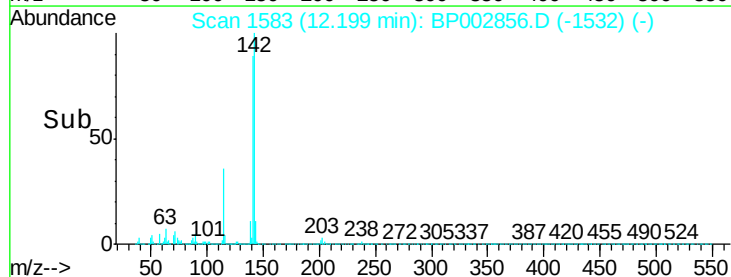
12.20

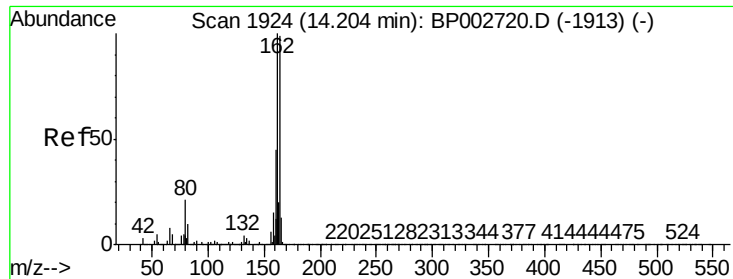
12.10

12.20

12.30

Time-->





#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

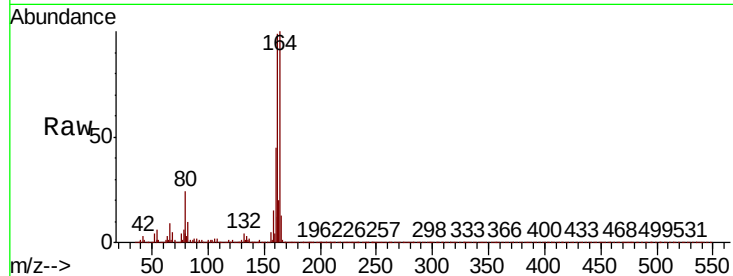
Tot Ion:164 Resp: 154483

Ion Ratio Lower Upper

164 100

162 99.1 78.4 117.6

160 45.1 36.1 54.1

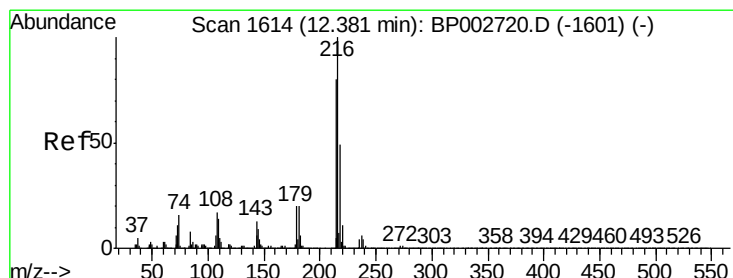
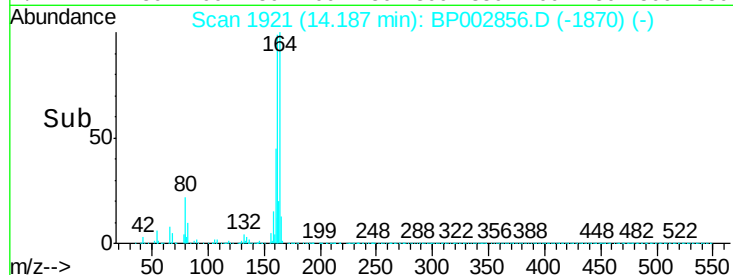
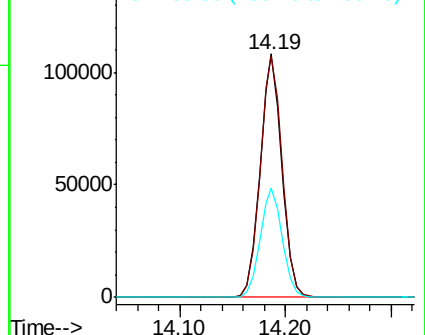


Abundance

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

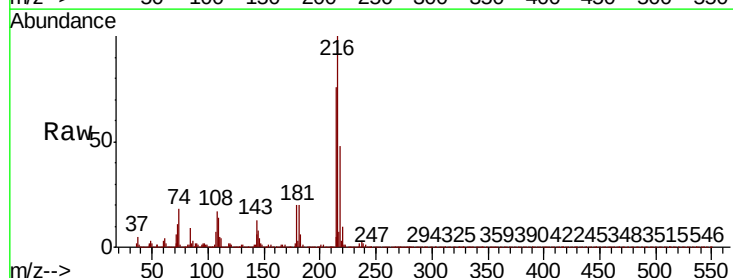
Ion Ratio Lower Upper

216 100

214 78.5 62.8 94.2

179 20.7 16.4 24.6

108 18.8 14.9 22.3



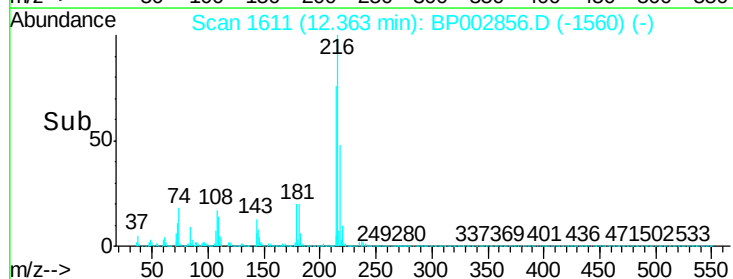
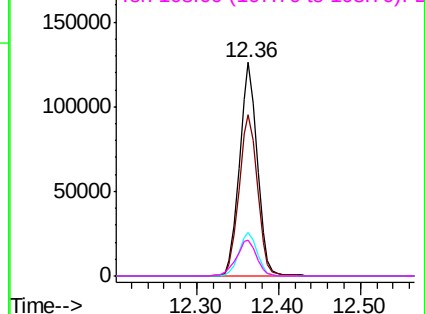
Abundance

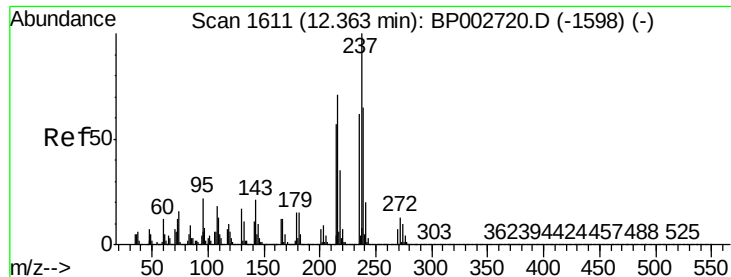
Ion 216.00 (215.70 to 216.70): E

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

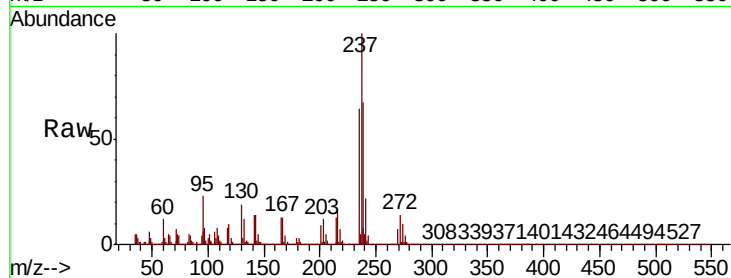
Tot Ion:237 Resp: 81802

Ion Ratio Lower Upper

237 100

235 64.2 40.9 80.9

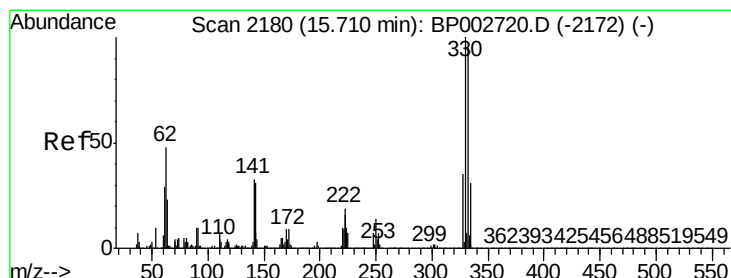
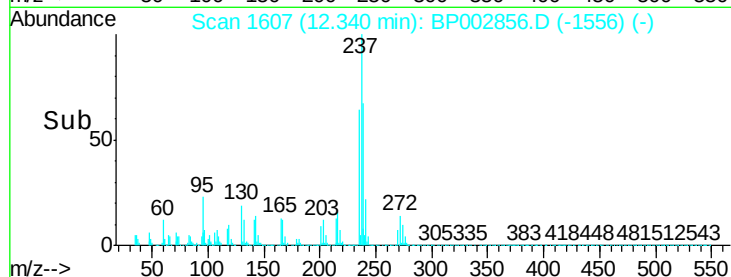
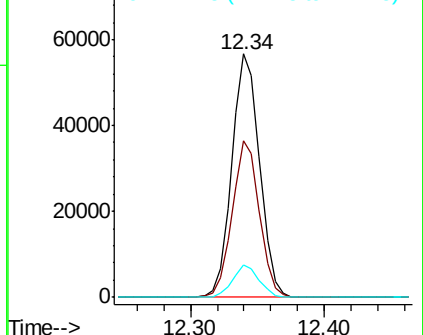
272 13.5 0.0 32.1



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

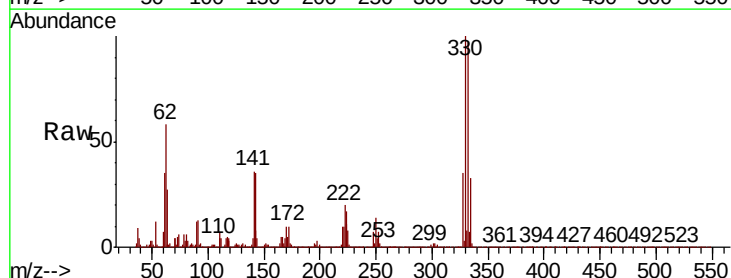
Tgt Ion:330 Resp: 222515

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

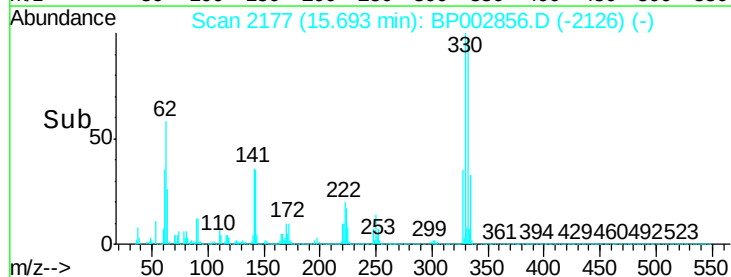
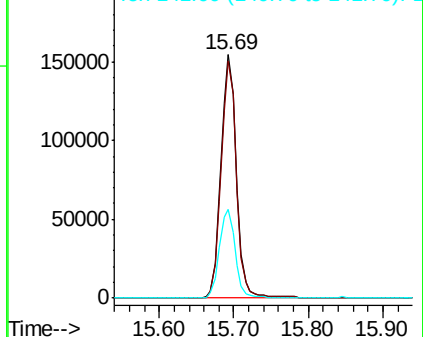
141 37.2 29.0 43.6

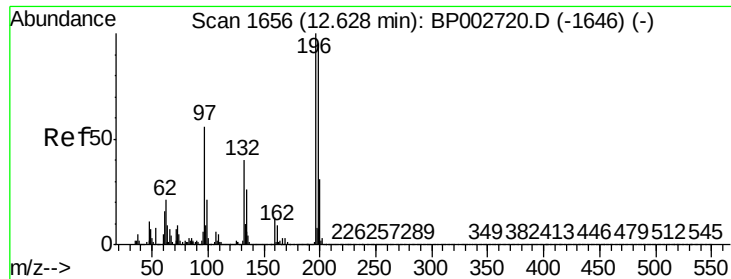


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

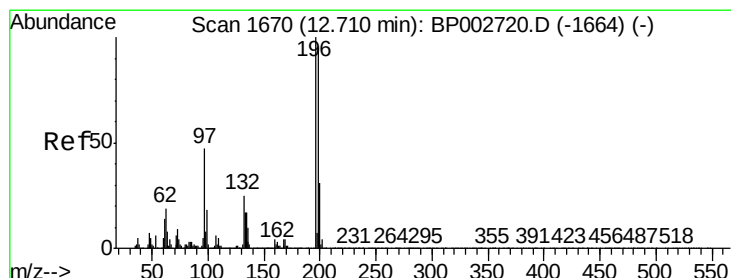
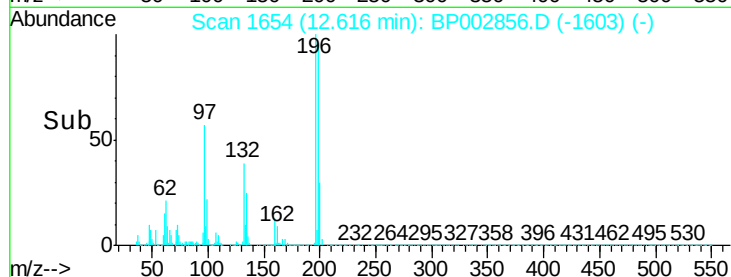
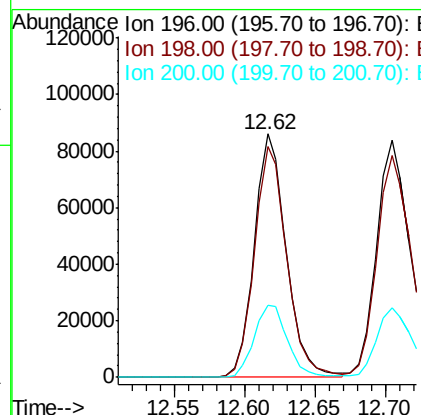
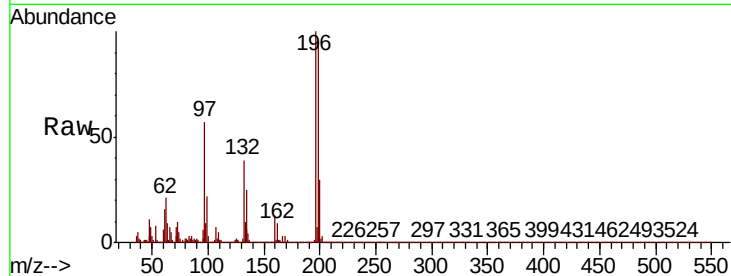




#43
 2,4,6-Trichlorophenol
 Concen: 44.976 ng
 RT: 12.62 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

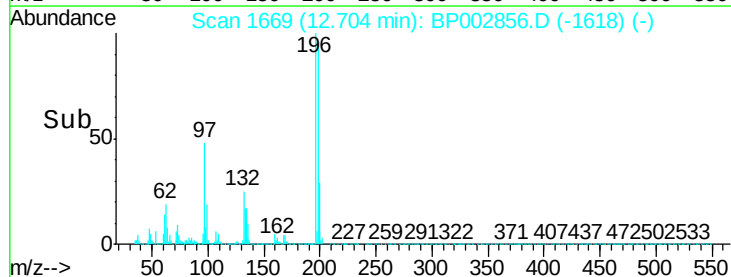
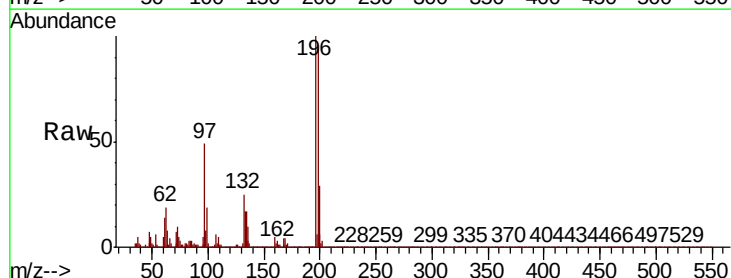
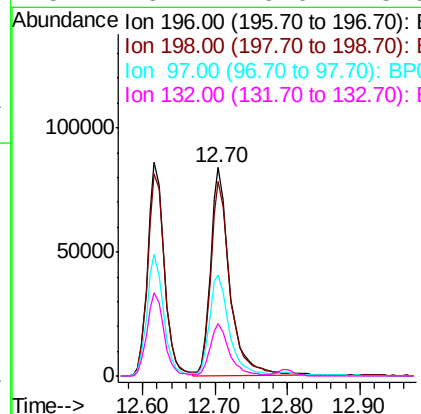
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MS

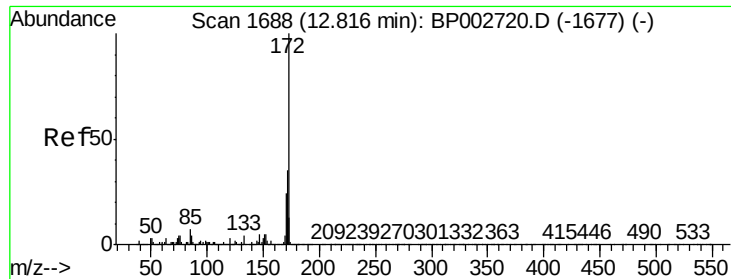
Tot Ion	196	Resp	136679
Ion Ratio	Lower	Upper	
196	100		
198	94.8	79.3	118.9
200	29.9	25.7	38.5



#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

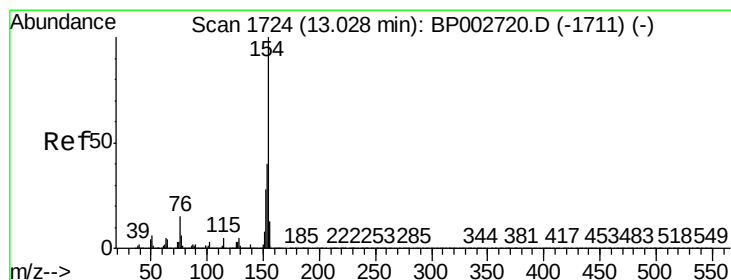
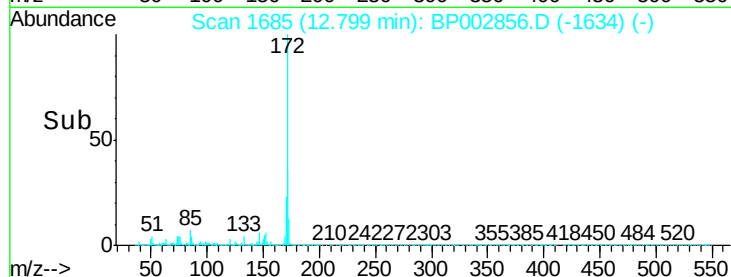
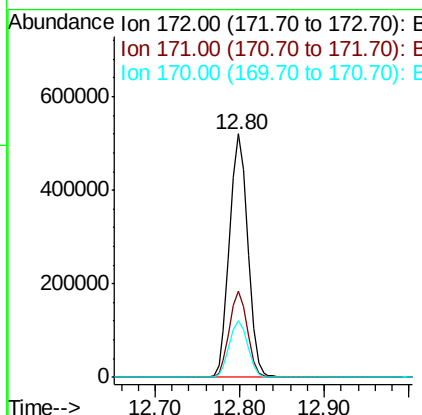
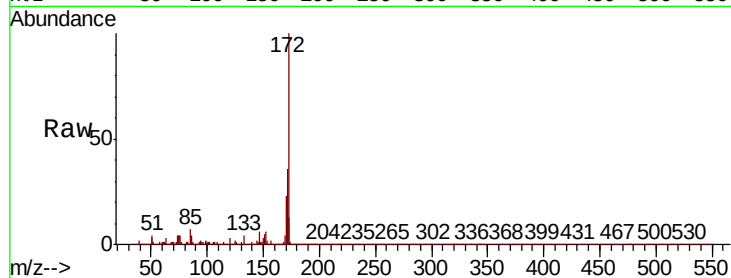




#45
2-Fluorobiphenyl
Concen: 77.827 ng
RT: 12.80 min Scan# 1685
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

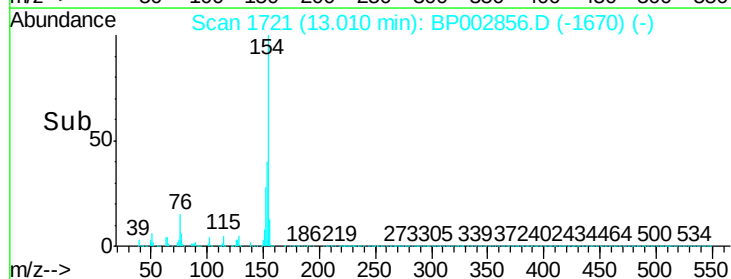
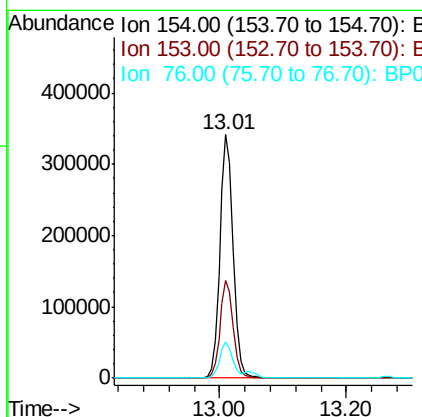
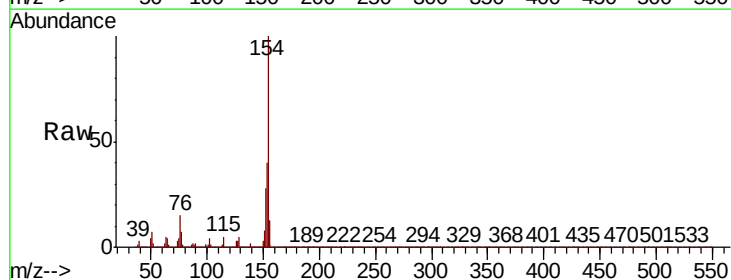
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

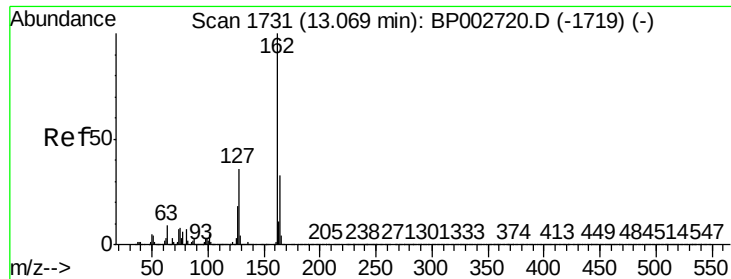
Tot Ion:172 Resp: 777193
Ion Ratio Lower Upper
172 100
171 35.6 27.0 40.4
170 23.2 19.4 29.2



#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

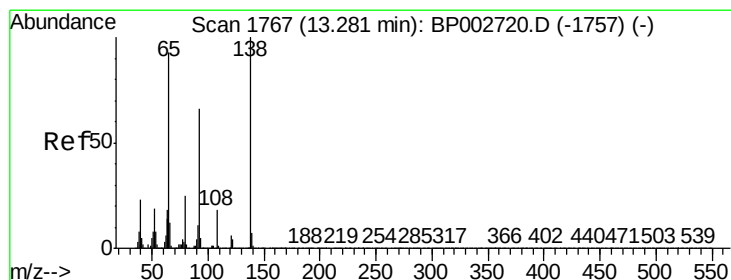
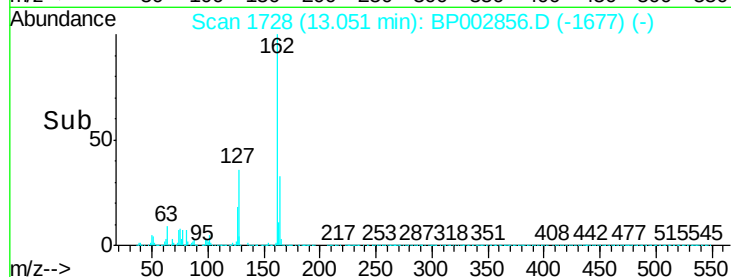
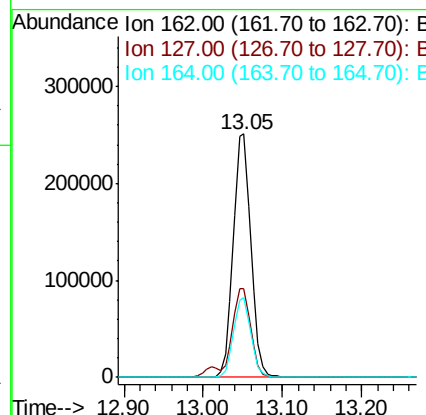
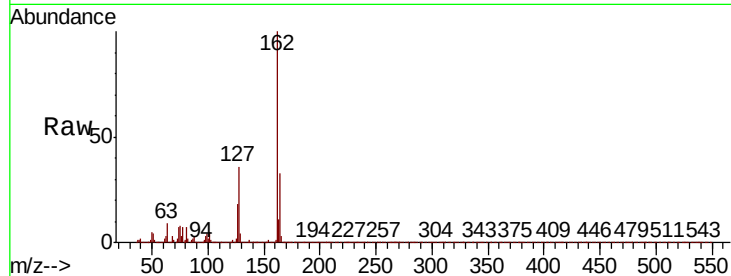




#47
2-Chloronaphthalene
Concen: 41.316 ng
RT: 13.05 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

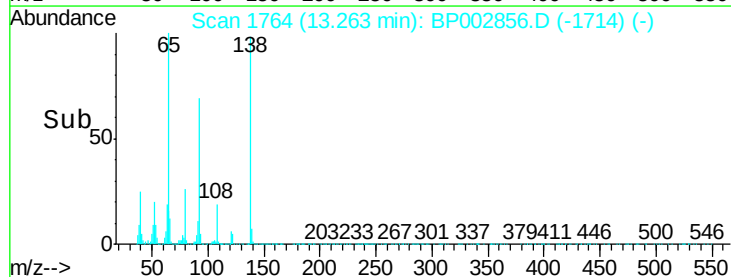
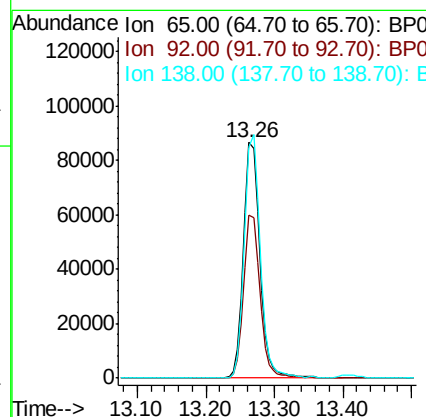
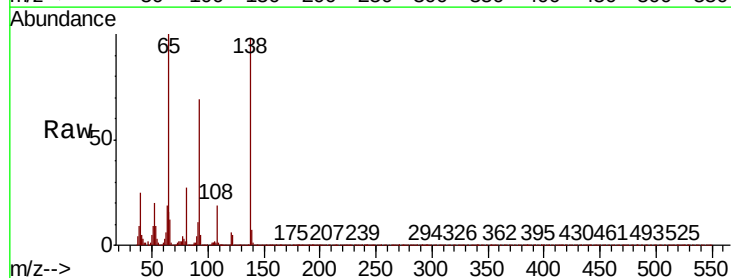
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

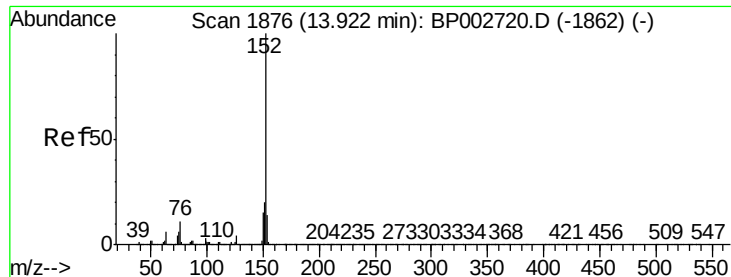
Tot Ion:162 Resp: 386483
Ion Ratio Lower Upper
162 100
127 36.4 30.9 46.3
164 32.7 26.8 40.2



#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 :

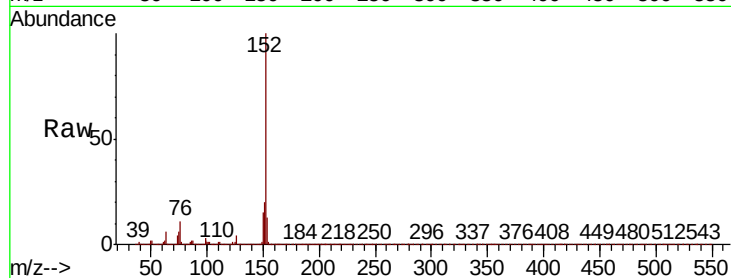
BNA_P

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

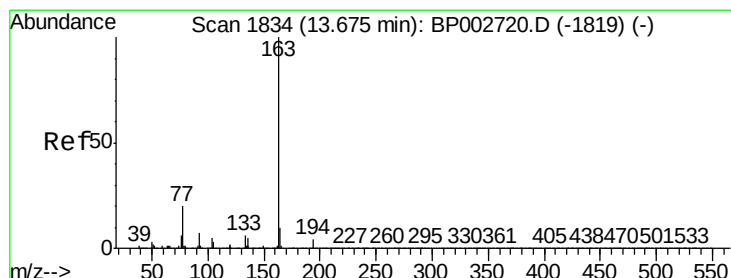
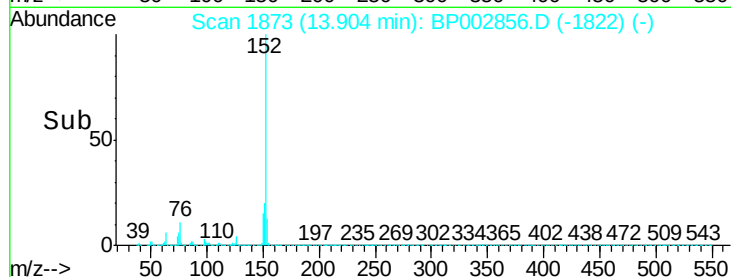
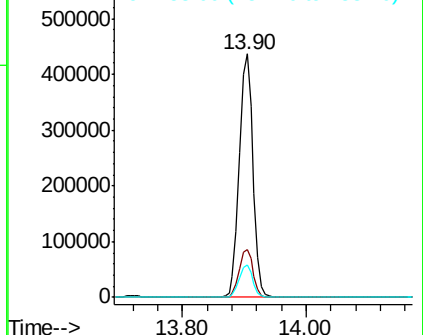


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.567 ng

RT: 13.65 min Scan# 1830

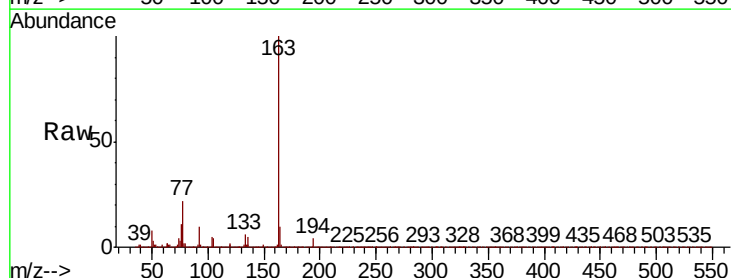
Delta R.T. -0.01 min

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

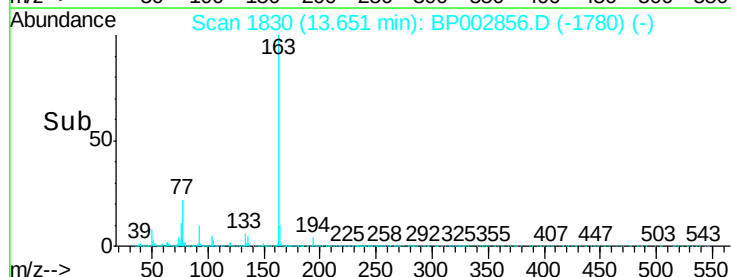
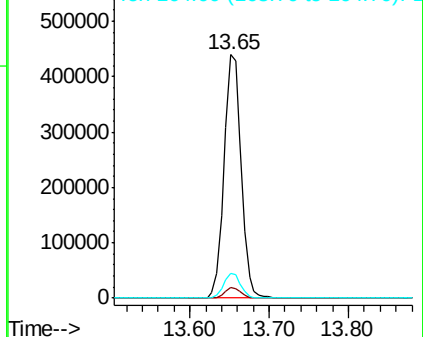


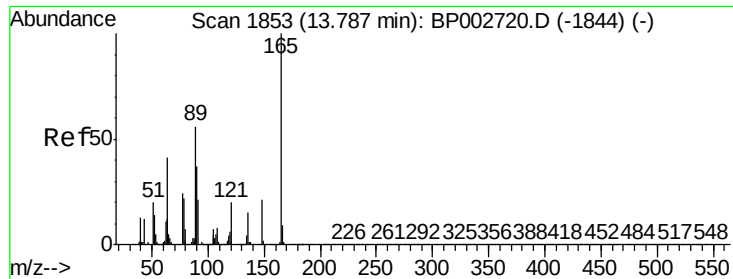
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 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

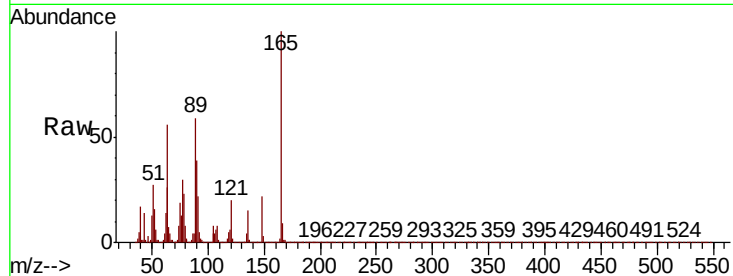
Tot Ion:165 Resp: 118922

Ion Ratio Lower Upper

165 100

63 56.4 45.9 68.9

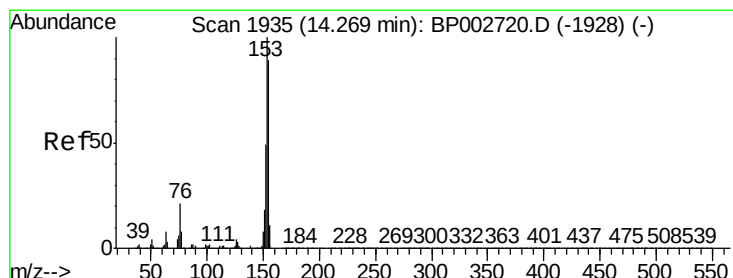
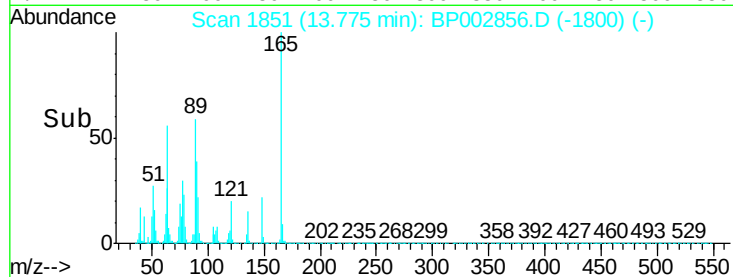
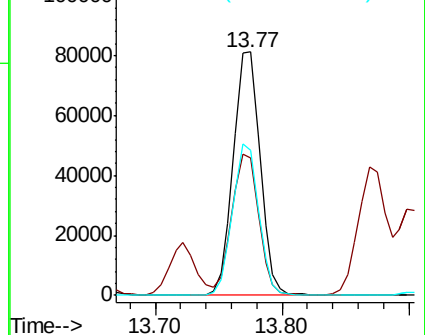
89 59.4 47.2 70.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#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

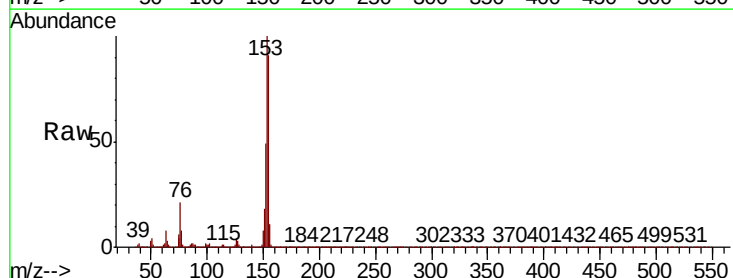
Tgt Ion:154 Resp: 386862

Ion Ratio Lower Upper

154 100

153 109.4 91.9 137.9

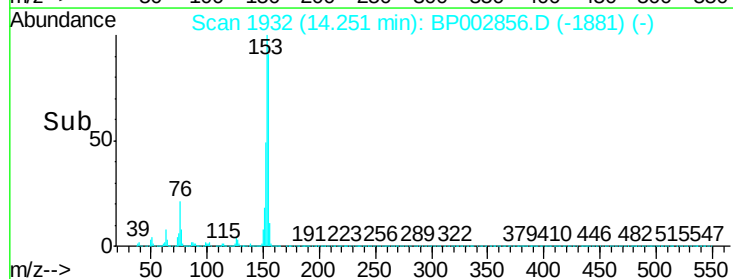
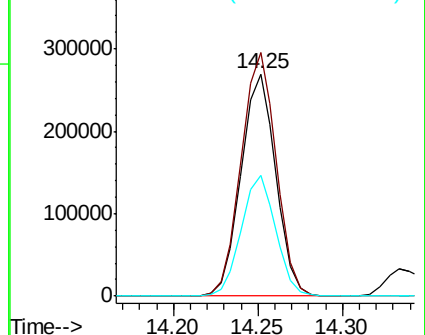
152 54.0 44.1 66.1

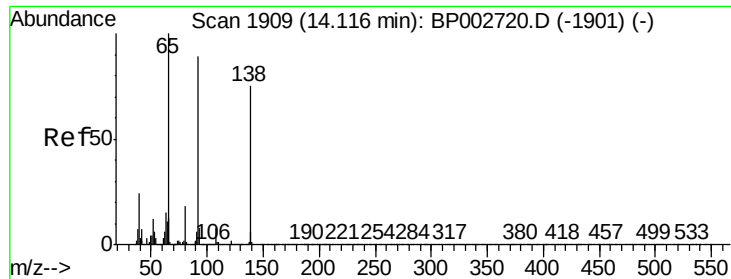


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

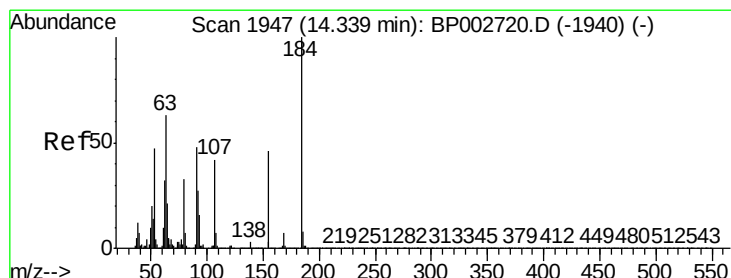
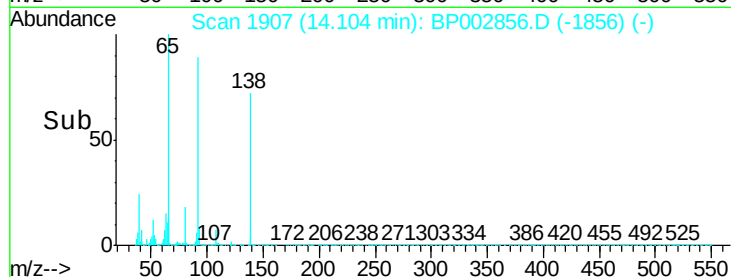
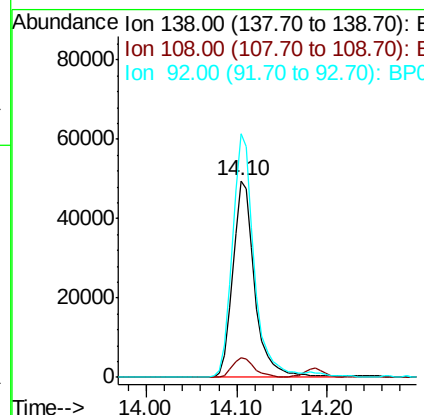
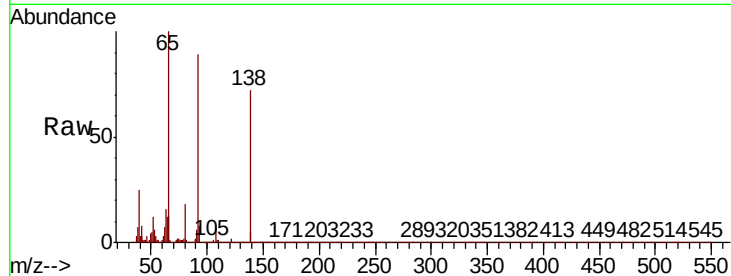




#53
 3-Nitroaniline
 Concen: 29.389 ng
 RT: 14.10 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

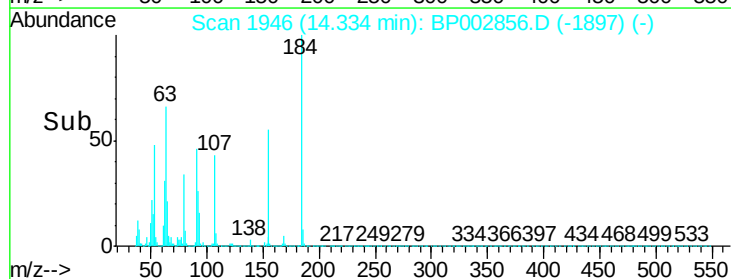
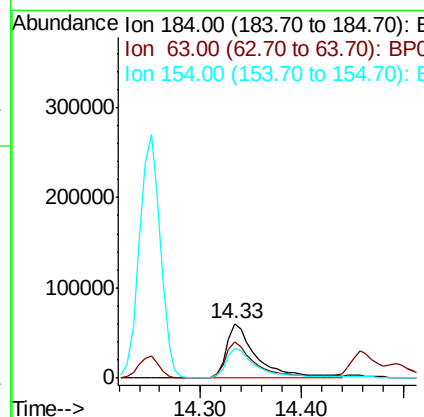
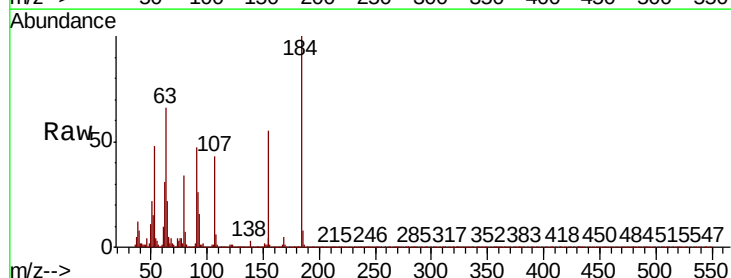
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MS

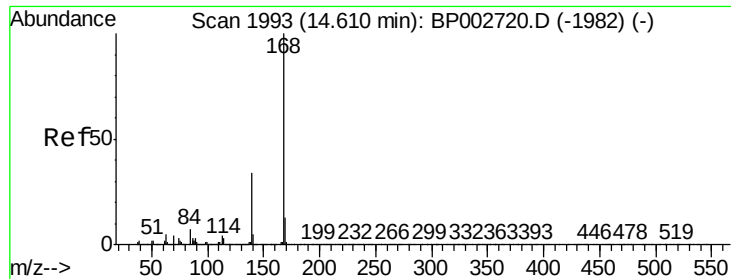
Tot Ion:138 Resp: 82935
 Ion Ratio Lower Upper
 138 100
 108 10.3 8.6 12.8
 92 123.9 99.3 148.9



#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

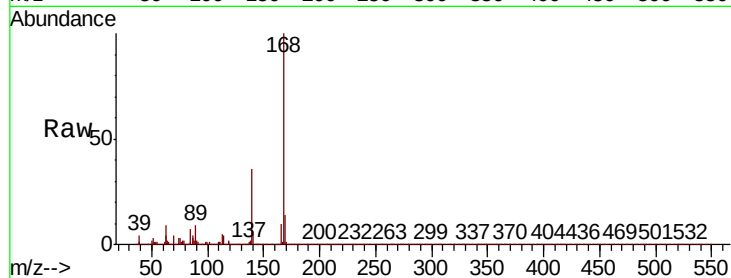
Tot Ion:168 Resp: 623964

Ion Ratio Lower Upper

168 100

139 35.5 29.0 43.6

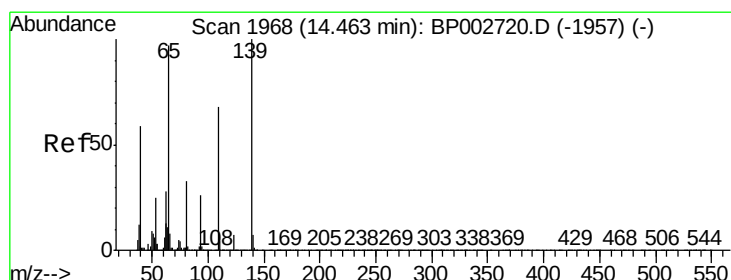
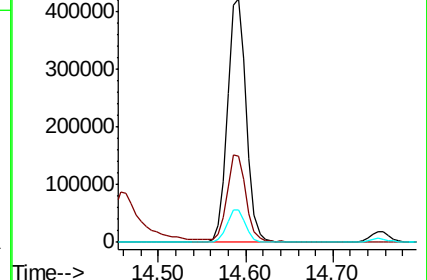
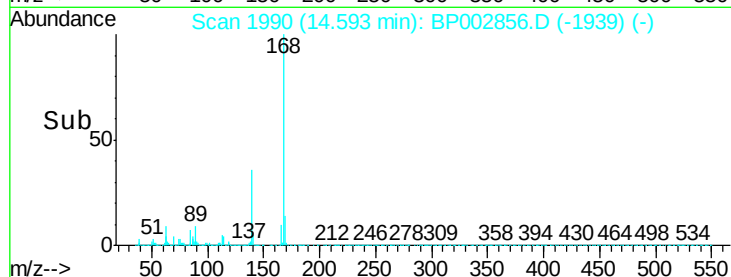
169 13.6 10.9 16.3



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

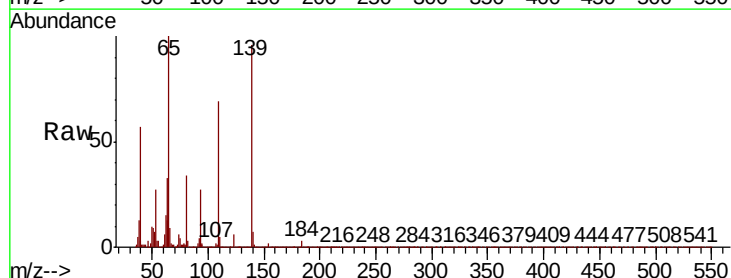
Tgt Ion:139 Resp: 196957

Ion Ratio Lower Upper

139 100

109 72.0 55.2 95.2

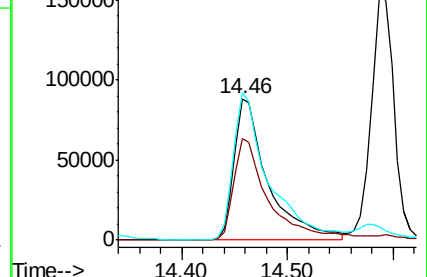
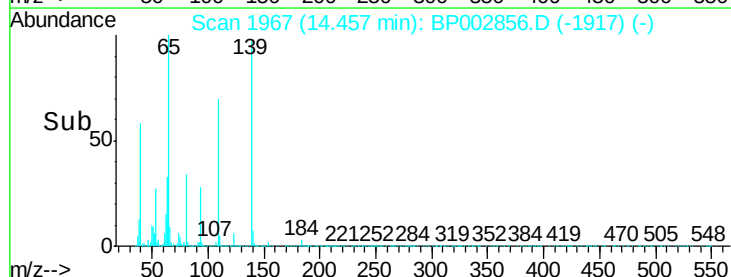
65 104.5 84.7 124.7

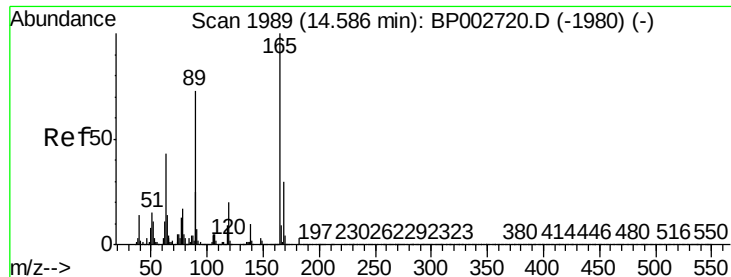


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

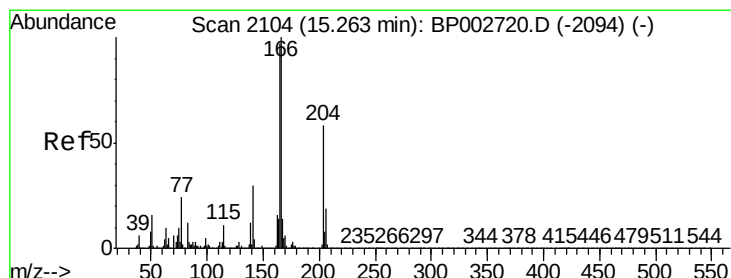
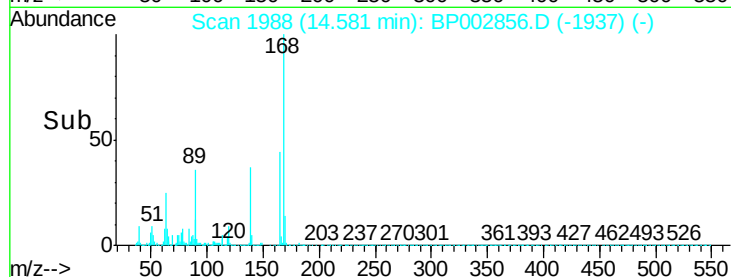
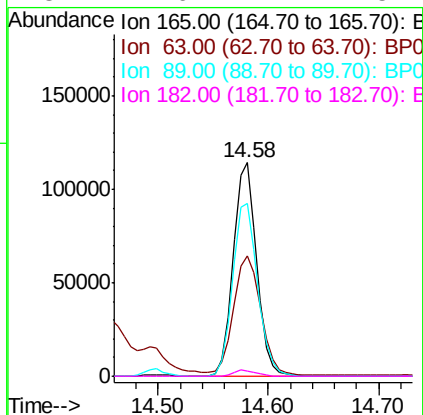
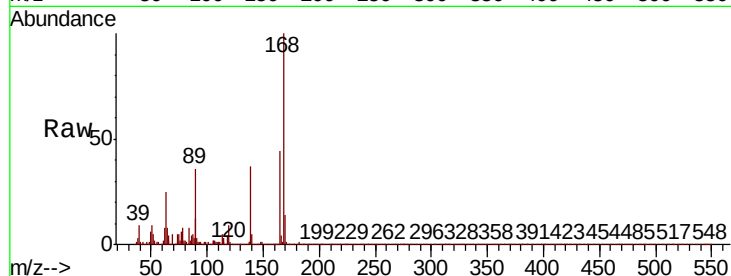




#57
2,4-Dinitrotoluene
Concen: 51.220 ng
RT: 14.58 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

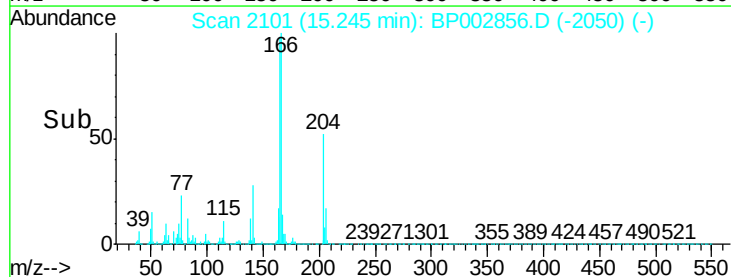
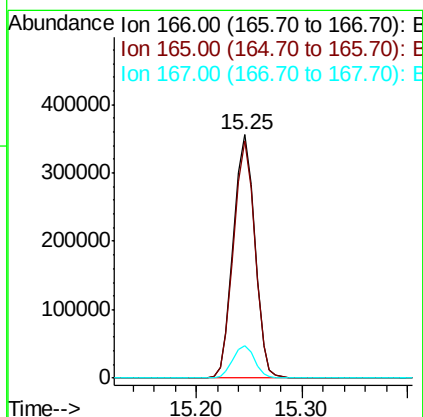
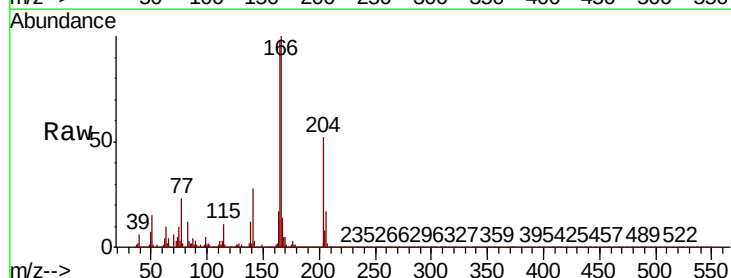
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

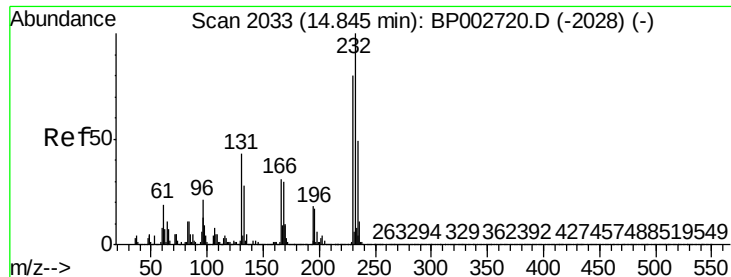
Tot Ion:165 Resp: 170142
Ion Ratio Lower Upper
165 100
63 56.4 45.2 67.8
89 80.7 66.3 99.5
182 2.6 2.2 3.4



#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:166 Resp: 498601
Ion Ratio Lower Upper
166 100
165 97.6 75.7 113.5
167 13.6 10.8 16.2

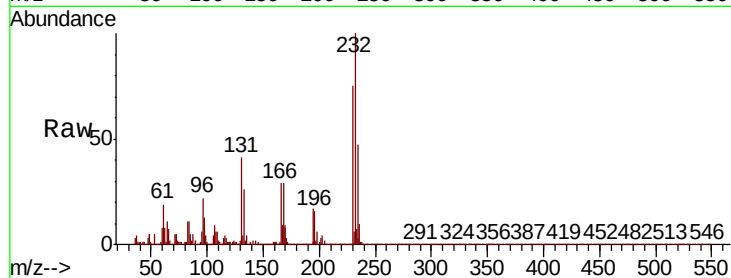




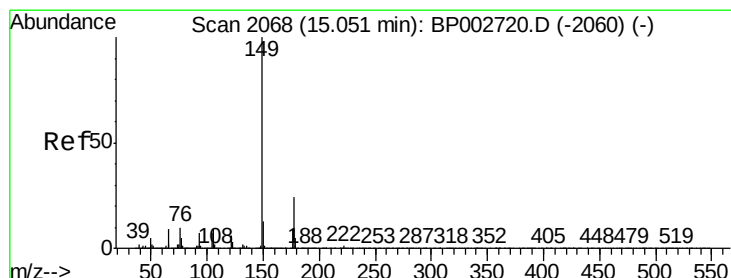
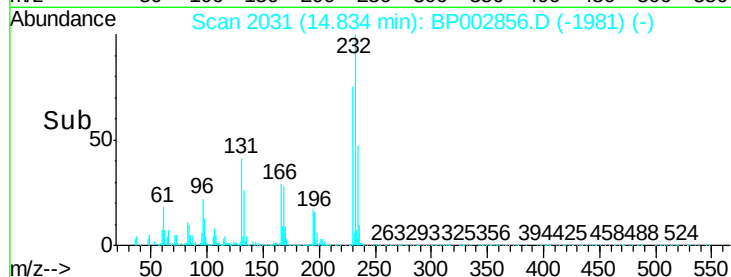
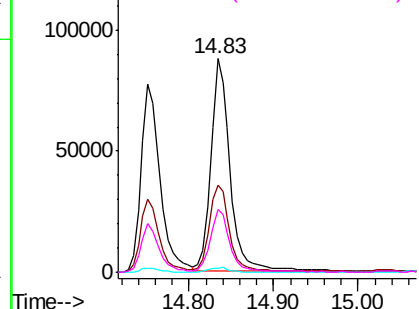
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.191 ng
 RT: 14.83 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

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

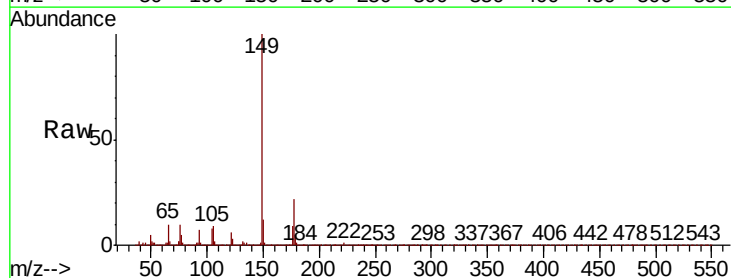


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

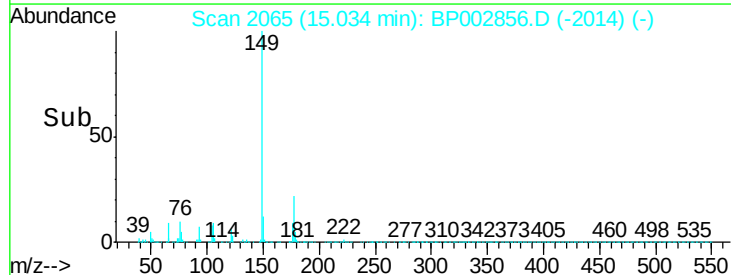
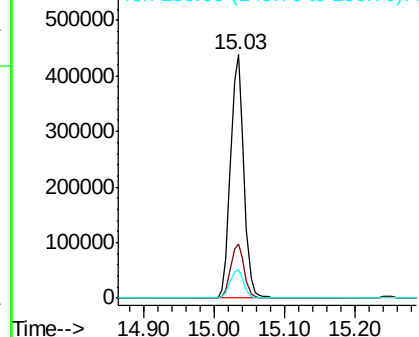


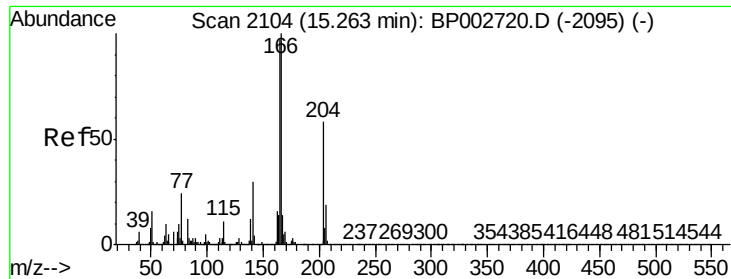
#60
 Diethylphthalate
 Concen: 49.862 ng
 RT: 15.03 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

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

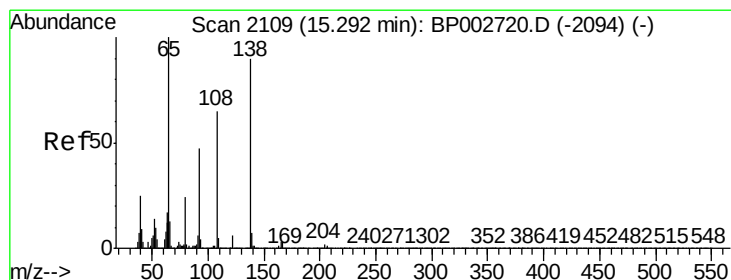
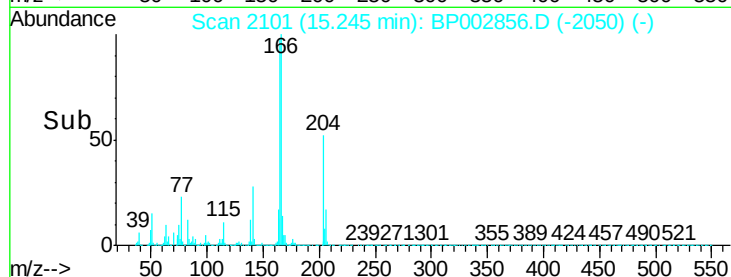
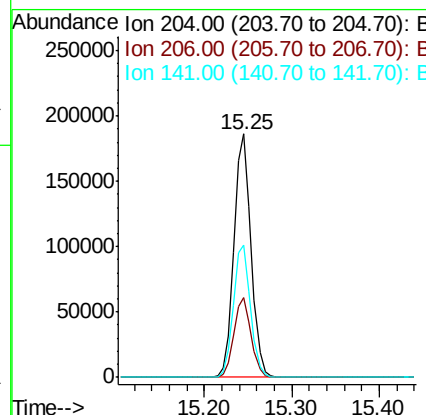
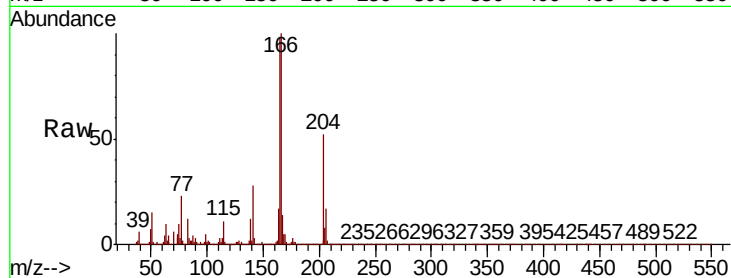




#61
4-Chlorophenyl-phenylether
Concen: 44.776 ng
RT: 15.25 min Scan# 2101
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

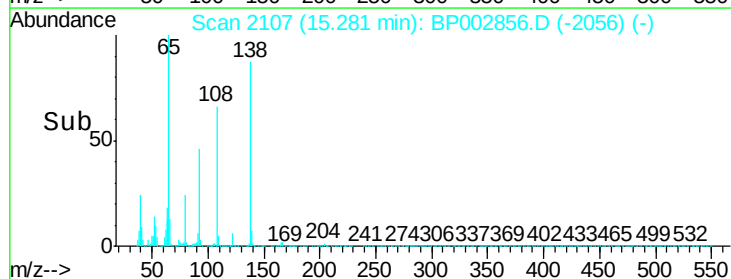
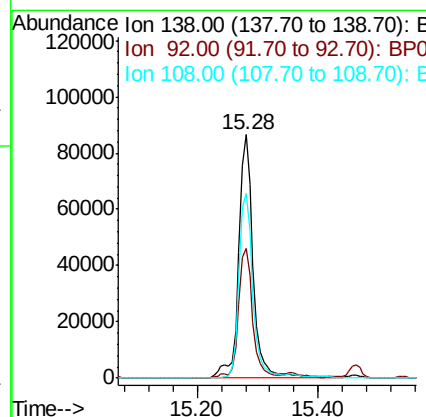
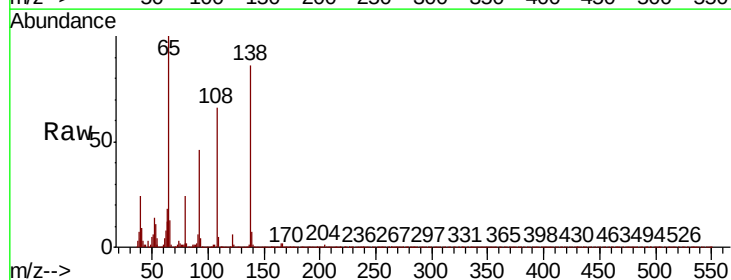
Instrument :
BNA_P
ClientSampled :
CTR-020MS

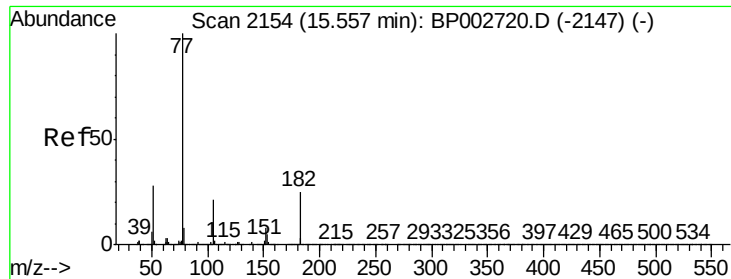
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.6	38.4
141	54.3	43.0	64.4



#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

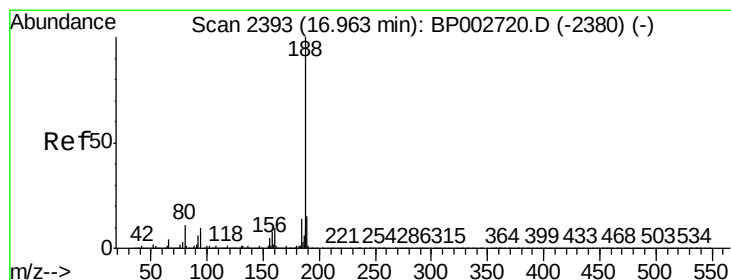
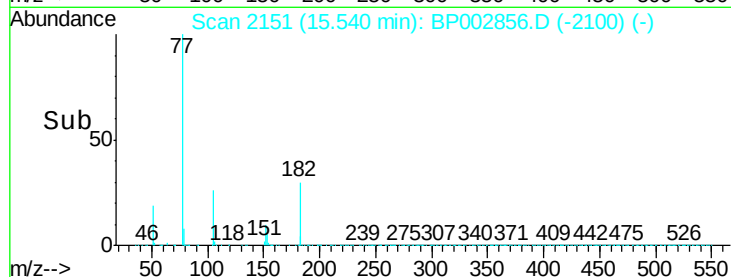
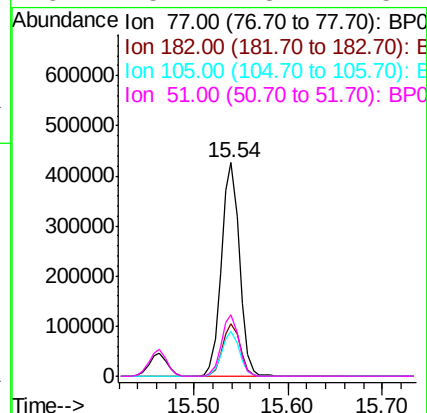
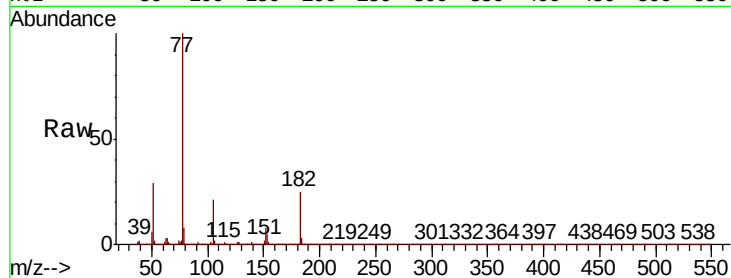




#63
Azobenzene
Concen: 48.816 ng
RT: 15.54 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

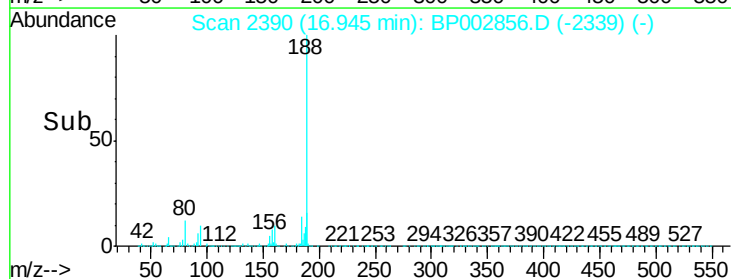
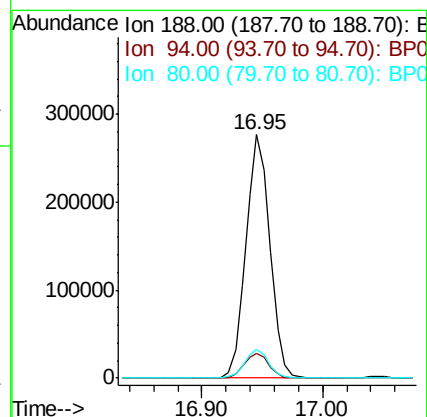
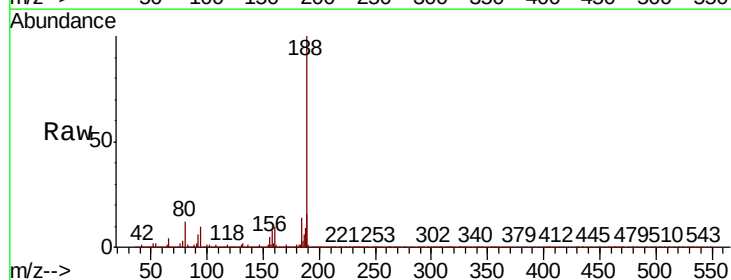
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

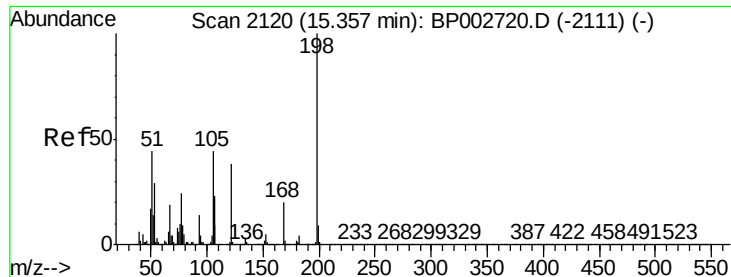
Tot Ion:	77	Resp:	573349
Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.7	44.7
105	20.9	0.6	40.6
51	28.7	8.2	48.2



#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:	188	Resp:	385072
Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.5	12.7
80	11.7	9.0	13.4

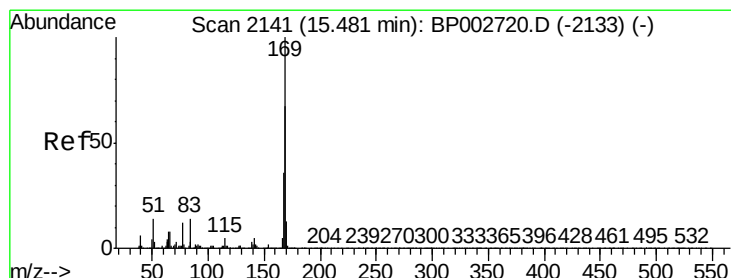
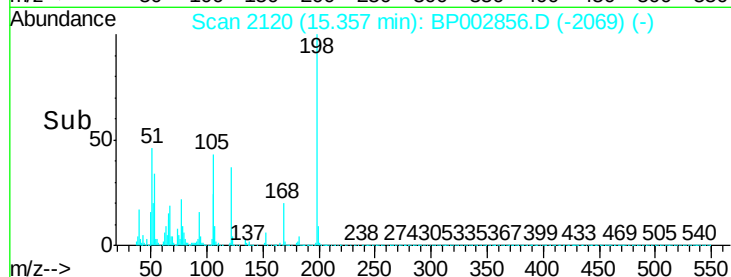
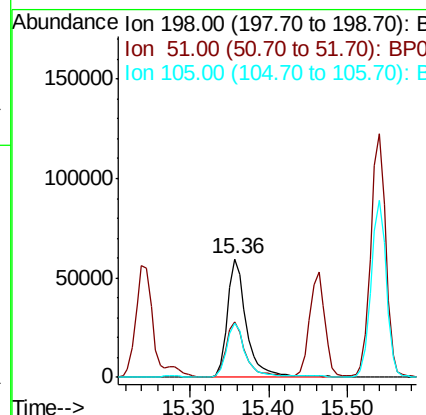
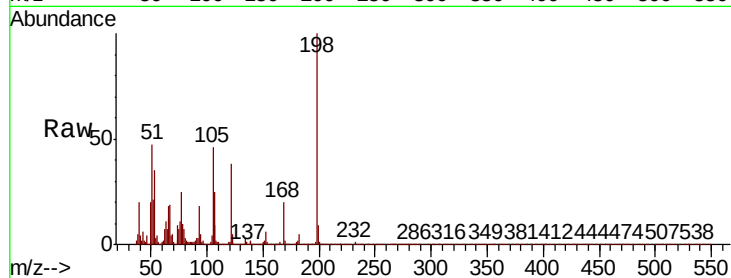




#65
4,6-Dinitro-2-methylphenol
Concen: 43.492 ng
RT: 15.36 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

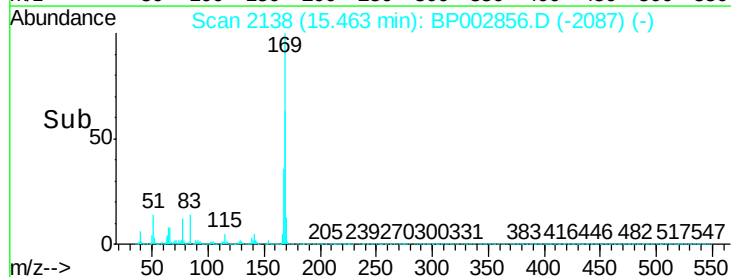
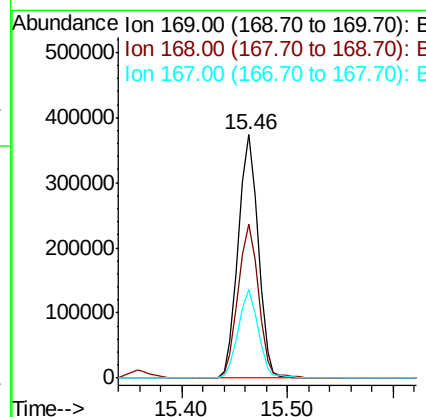
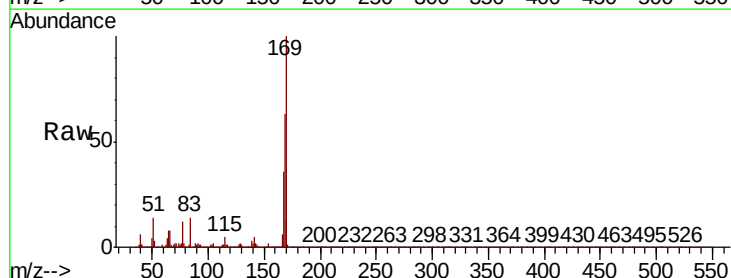
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

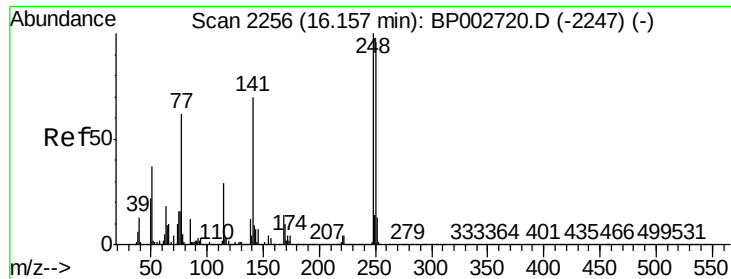
Tot Ion:198 Resp: 98827
Ion Ratio Lower Upper
198 100
51 47.0 25.1 65.1
105 45.6 24.6 64.6



#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

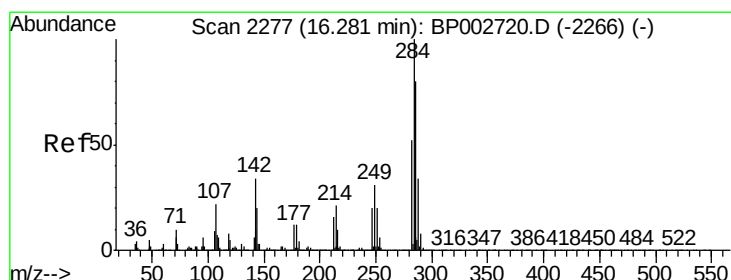
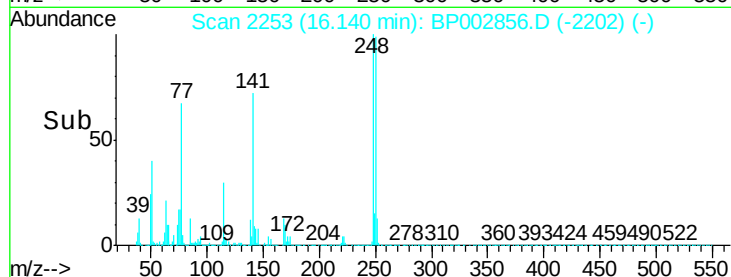
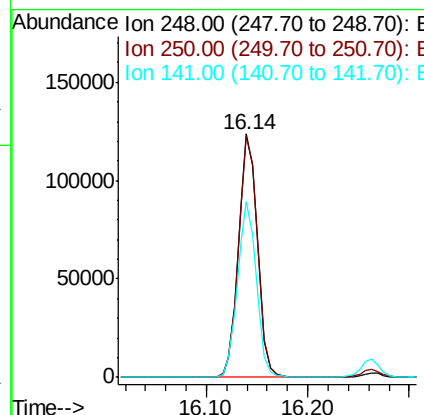
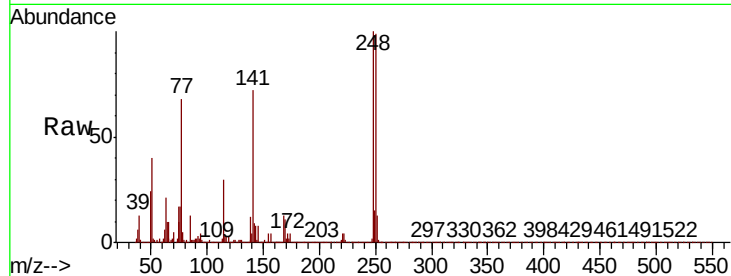




#67
4-Bromophenyl-phenylether
Concen: 38.113 ng
RT: 16.14 min Scan# 2253
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

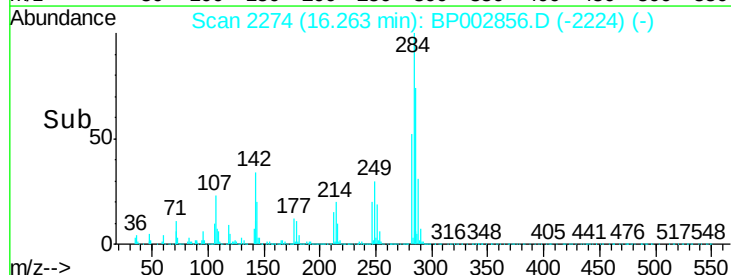
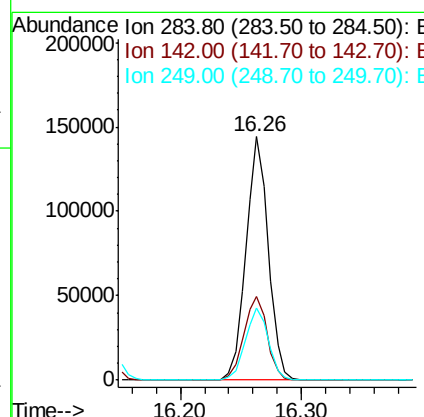
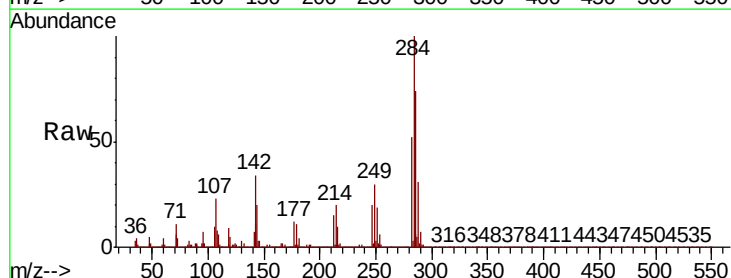
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

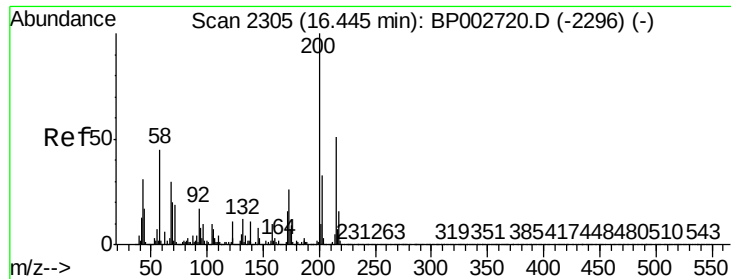
Tot Ion:248 Resp: 159866
Ion Ratio Lower Upper
248 100
250 98.9 78.0 117.0
141 72.3 56.6 84.8



#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

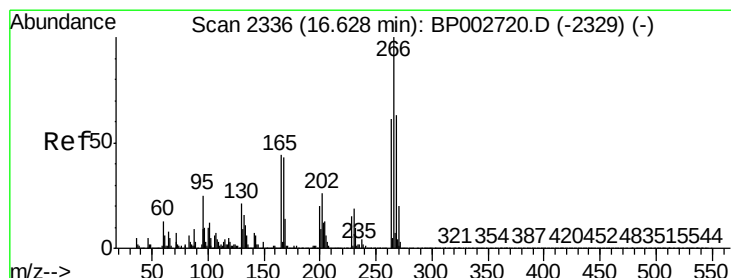
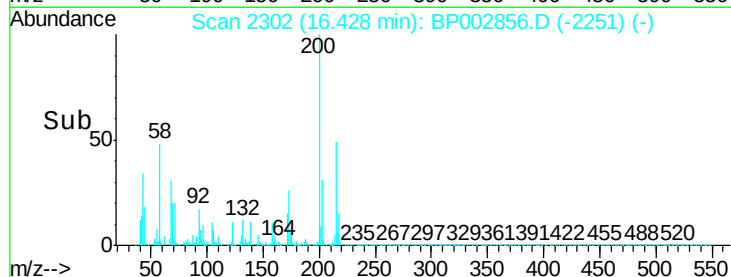
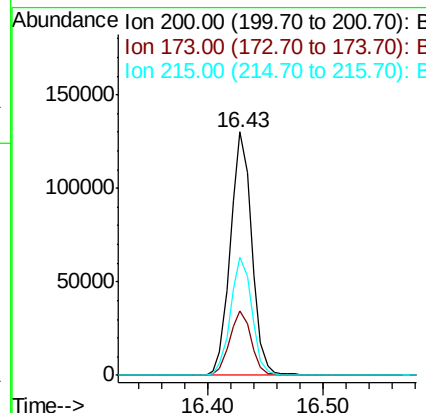
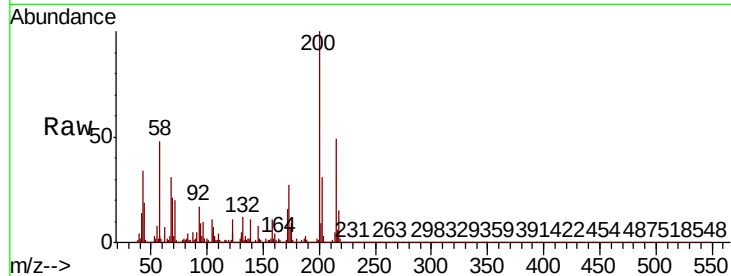




#69
 Atrazine
 Concen: 53.776 ng
 RT: 16.43 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

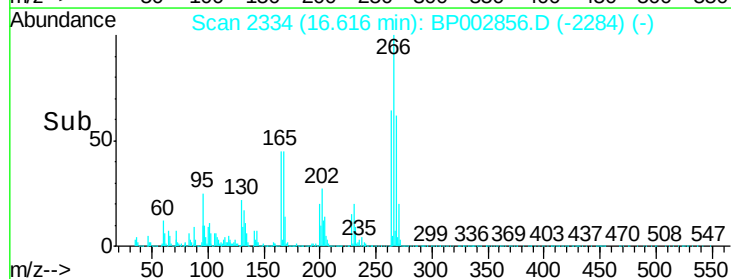
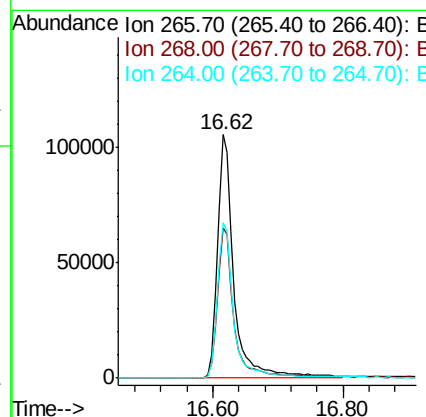
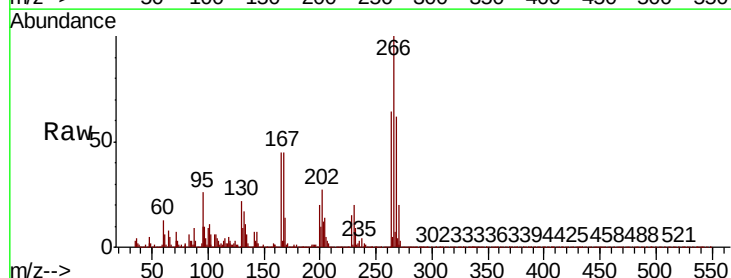
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MS

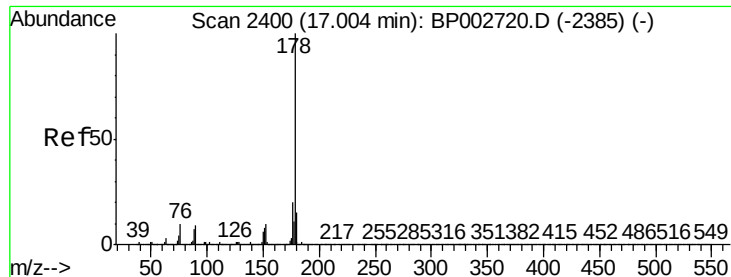
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	6.6	46.6
215	48.7	28.5	68.5



#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	Ratio	Lower	Upper
266	100		
268	61.5	51.2	76.8
264	63.9	50.2	75.4

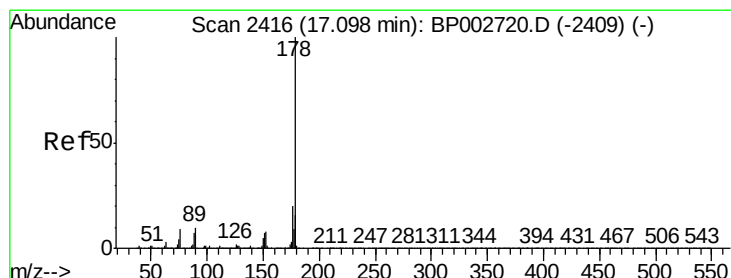
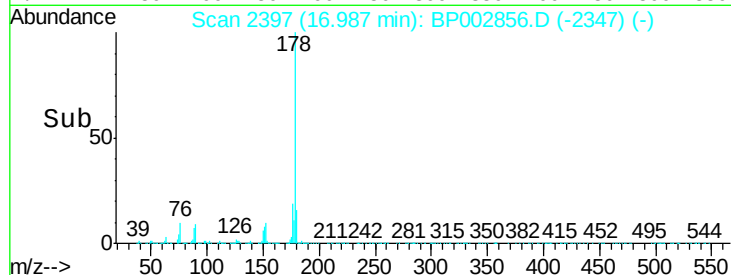
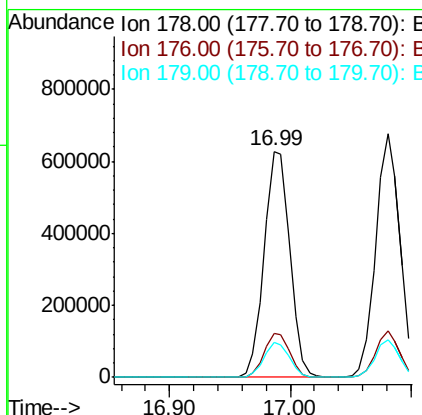
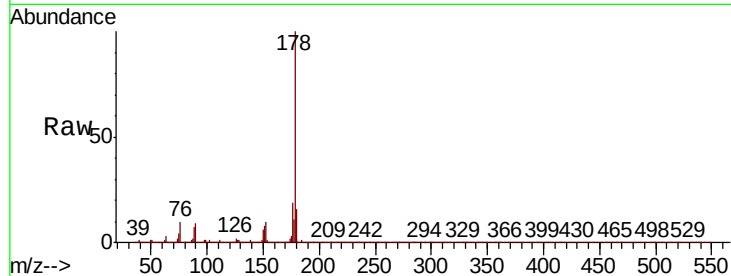




#71
Phenanthrene
Concen: 44.357 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

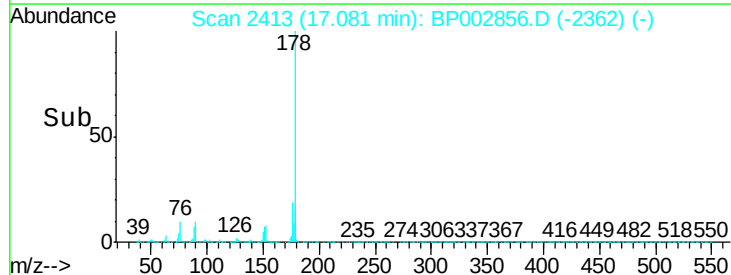
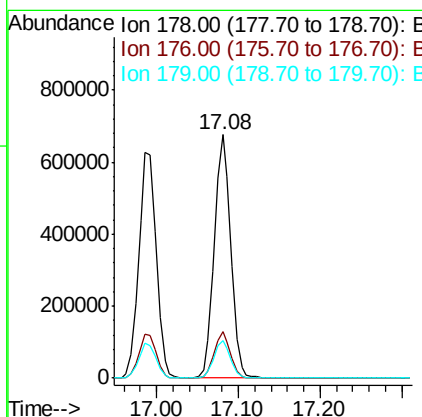
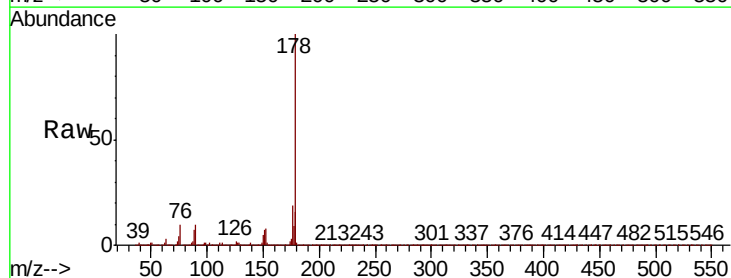
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

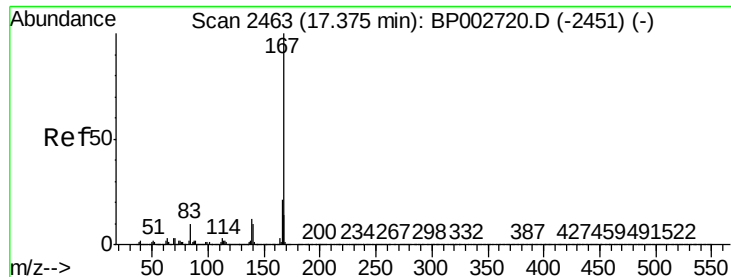
Tot Ion:178 Resp: 924817
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.7 11.8 17.6



#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:178 Resp: 951869
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

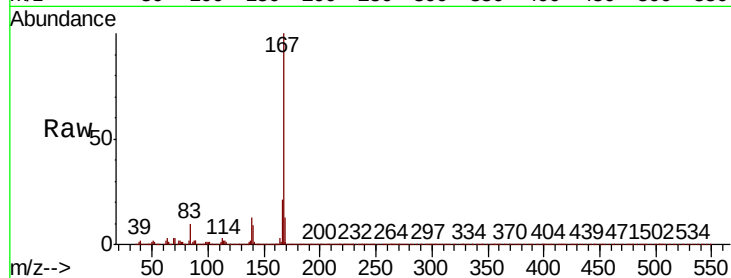
Tot Ion:167 Resp: 945313

Ion Ratio Lower Upper

167 100

166 21.1 16.8 25.2

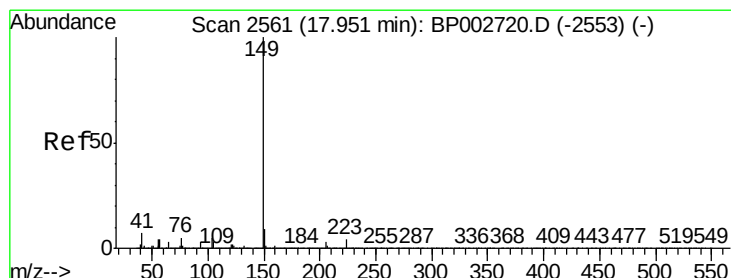
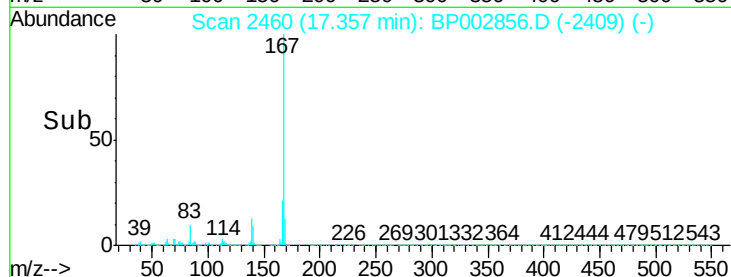
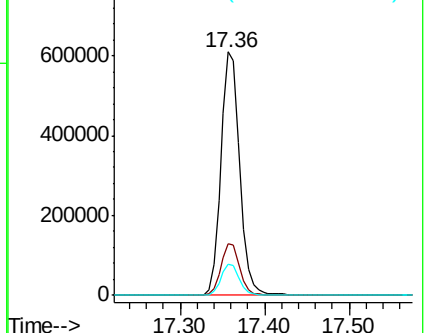
139 12.7 9.8 14.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#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

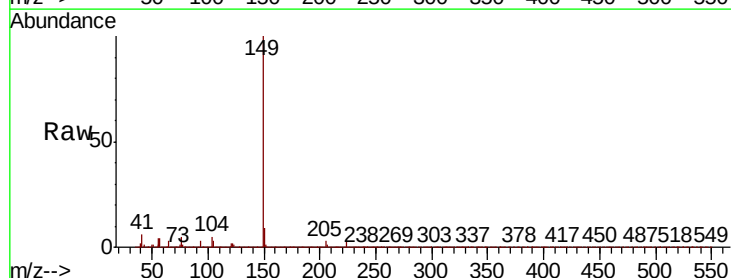
Tgt Ion:149 Resp: 1140889

Ion Ratio Lower Upper

149 100

150 8.8 7.2 10.8

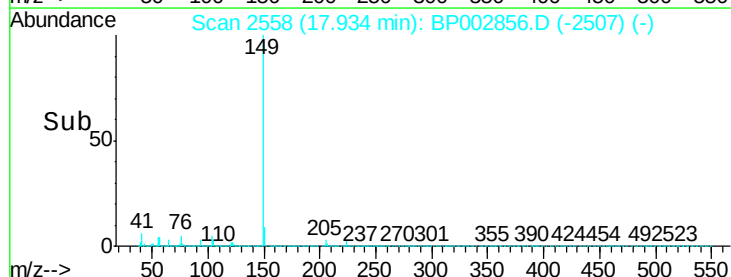
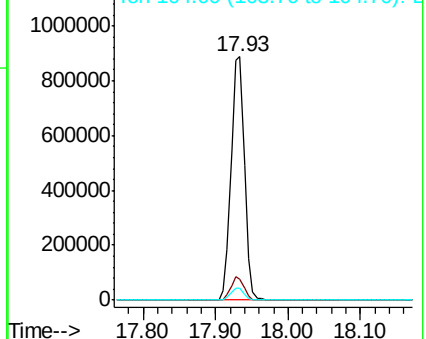
104 5.0 4.0 6.0

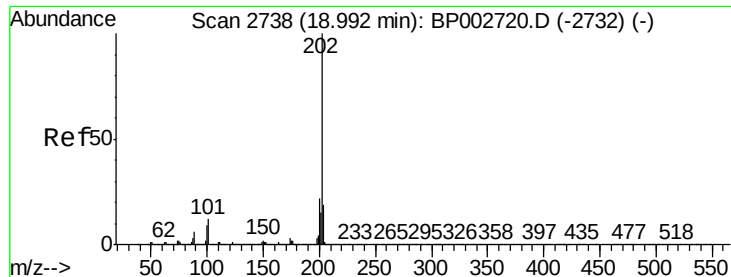


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

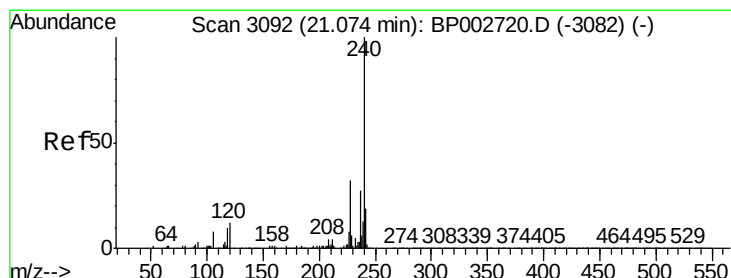
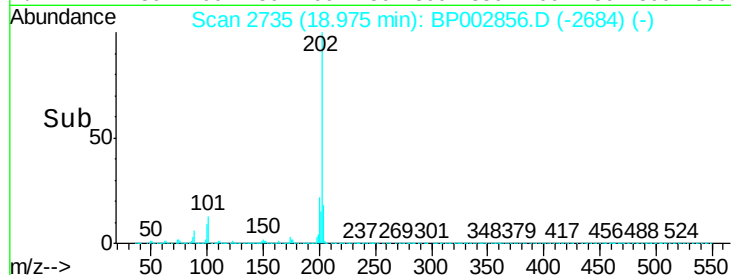
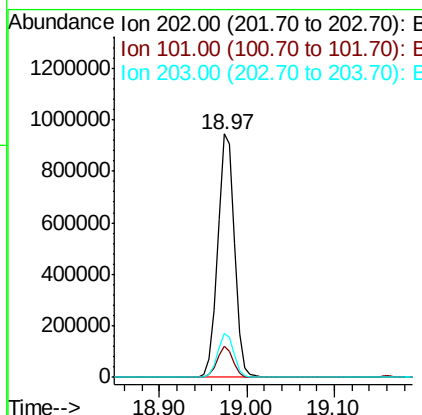
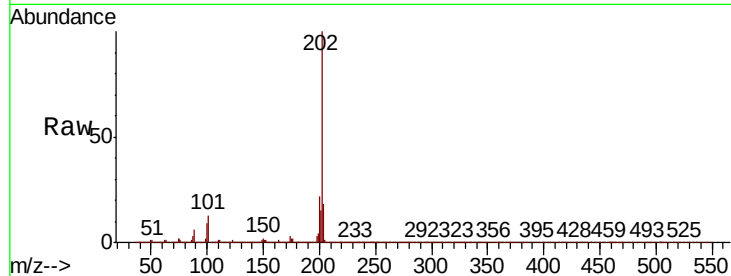




#75
 Fluoranthene
 Concen: 52.057 ng
 RT: 18.97 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: BP002856.D
 Acq: 24 Jul 2020 16:33

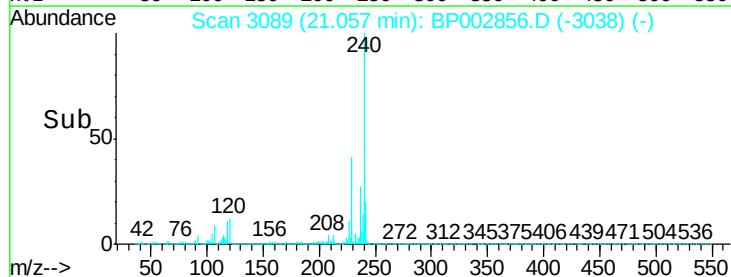
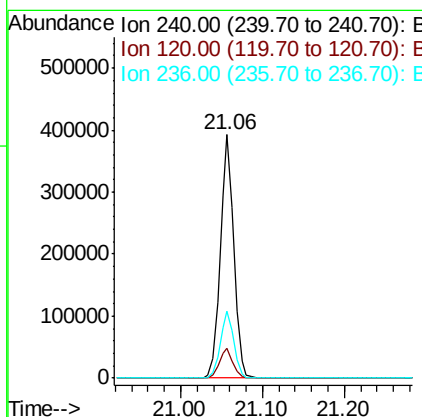
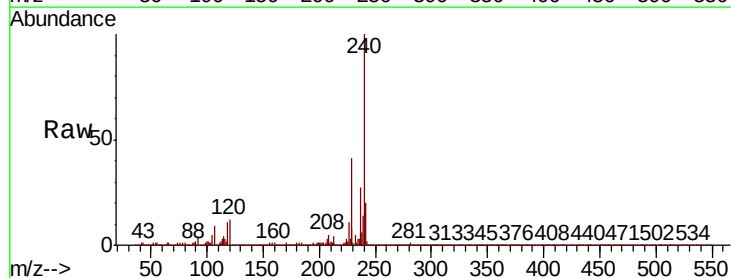
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020MS

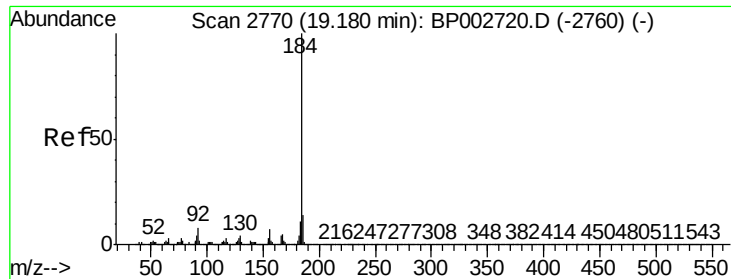
Tot Ion:202 Resp: 1257612
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 33.0
 203 18.3 0.0 38.1



#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





#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

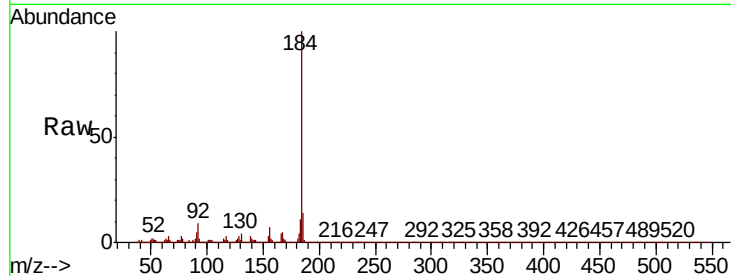
Tot Ion:184 Resp: 891306

Ion Ratio Lower Upper

184 100

185 14.2 11.5 17.3

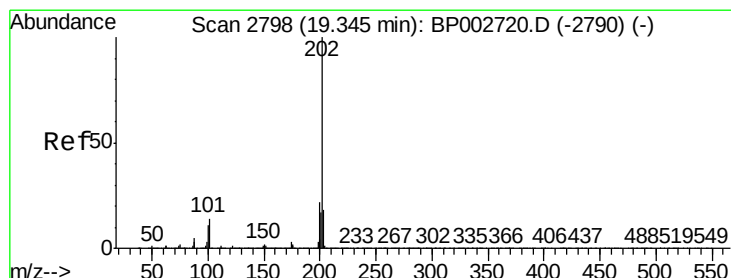
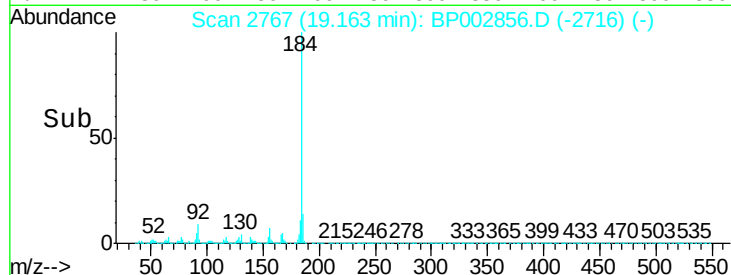
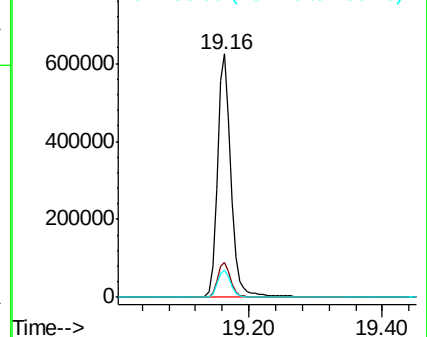
183 11.3 9.1 13.7



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



#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

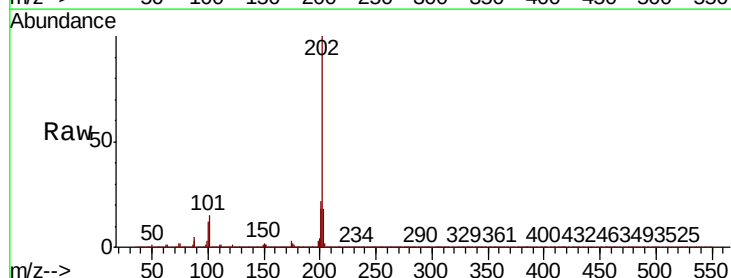
Tgt Ion:202 Resp: 1273819

Ion Ratio Lower Upper

202 100

200 22.4 16.6 24.8

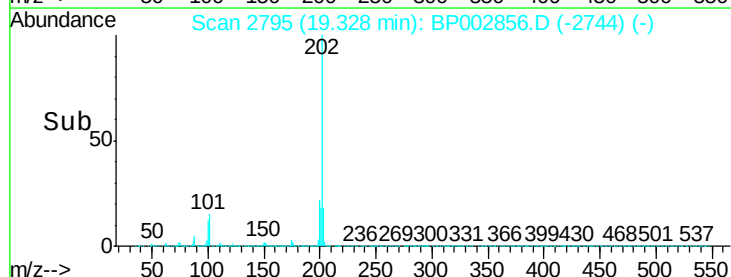
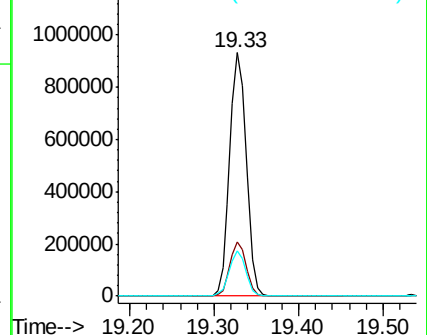
203 18.4 13.8 20.8

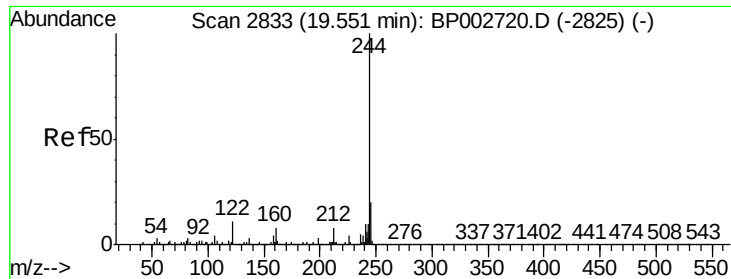


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#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 :

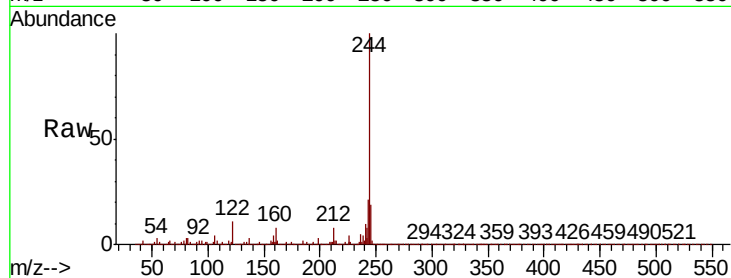
BNA_P

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

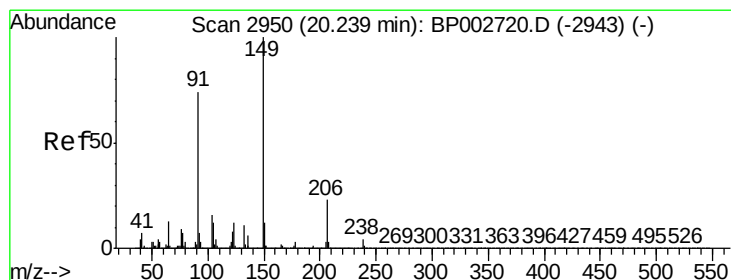
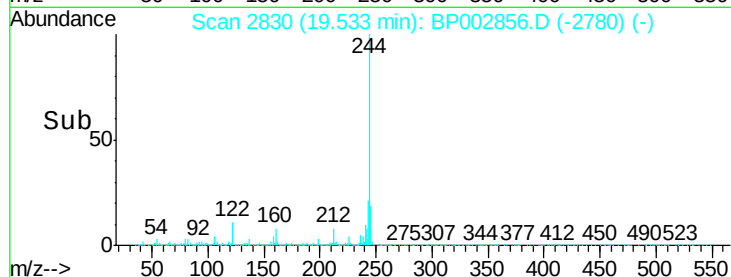
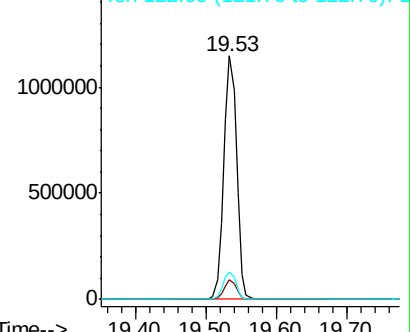


Abundance

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

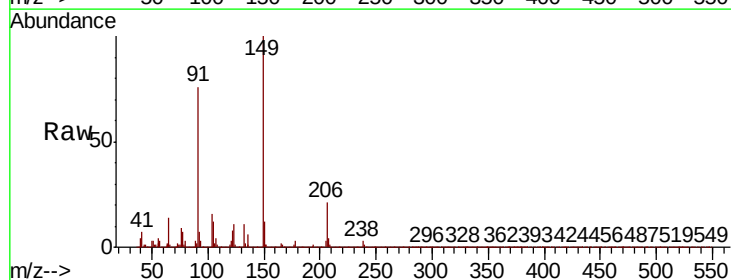
Delta R.T. 0.00 min

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

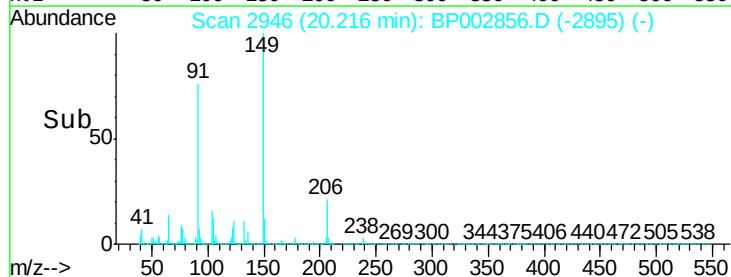
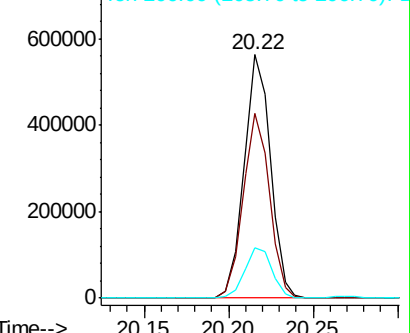


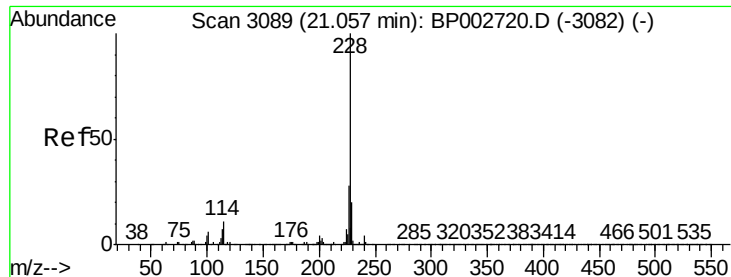
Abundance

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

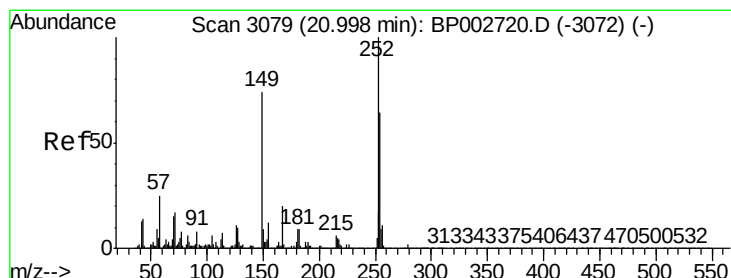
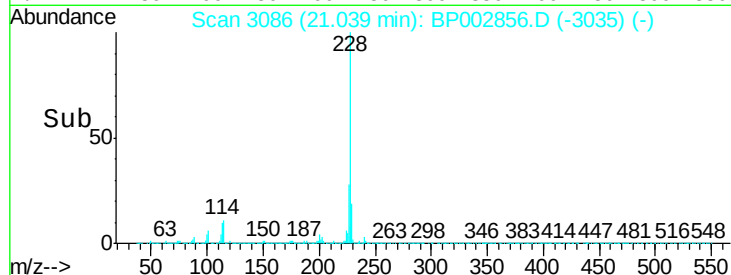
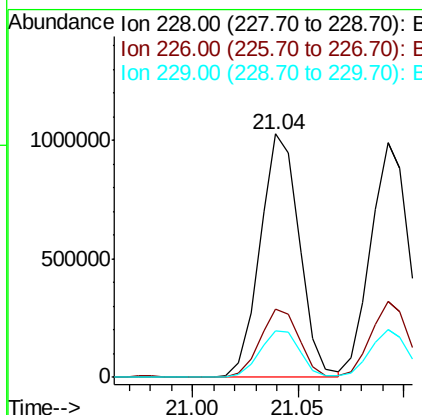
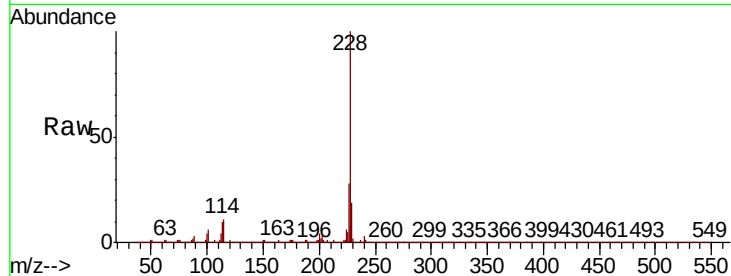




#81
Benzo(a)anthracene
Concen: 45.509 ng
RT: 21.04 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

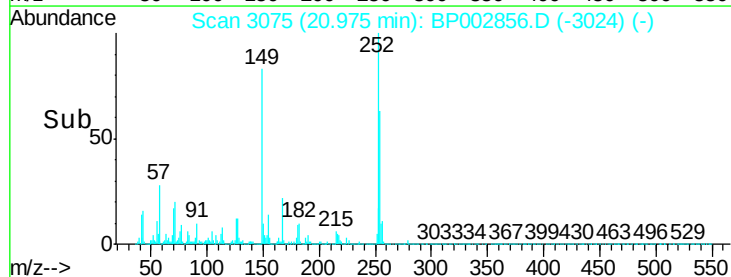
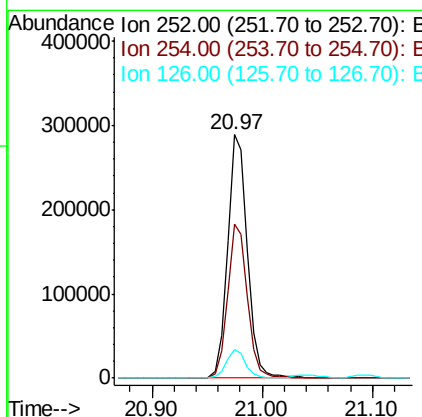
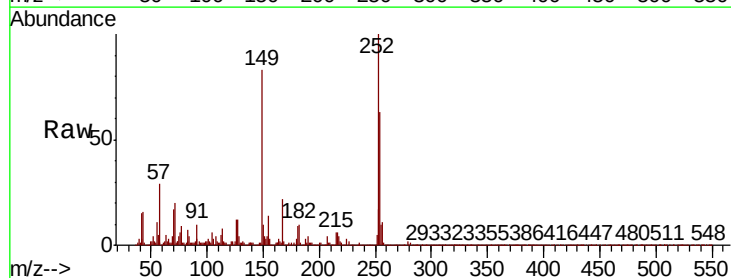
Instrument :
BNA_P
ClientSampleId :
CTR-020MS

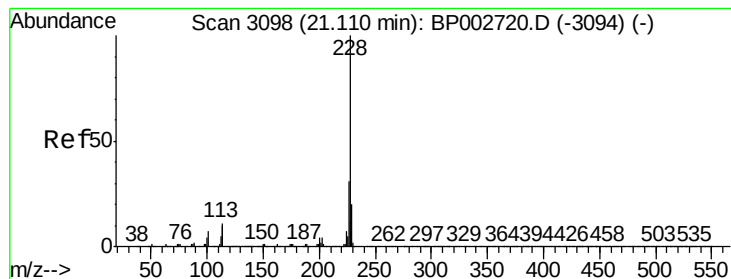
Tot Ion:228 Resp: 1321513
Ion Ratio Lower Upper
228 100
226 28.2 21.8 32.6
229 19.3 15.8 23.6



#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





#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 :

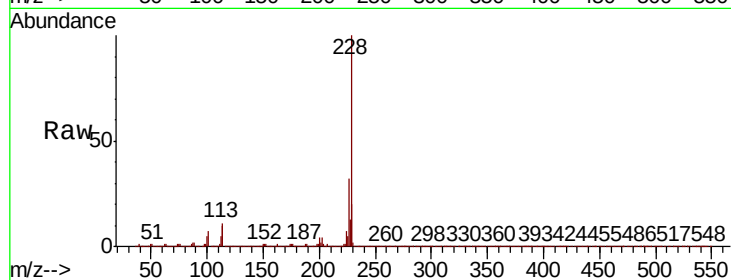
BNA_P

ClientSampleId :

CTR-020MS

Tot Ion:228 Resp: 1245038

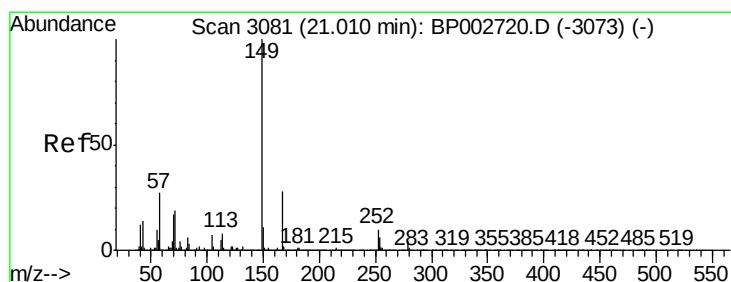
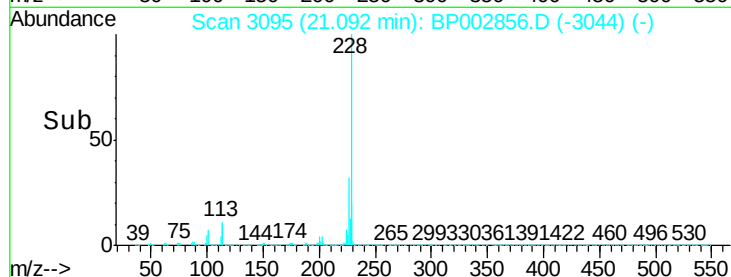
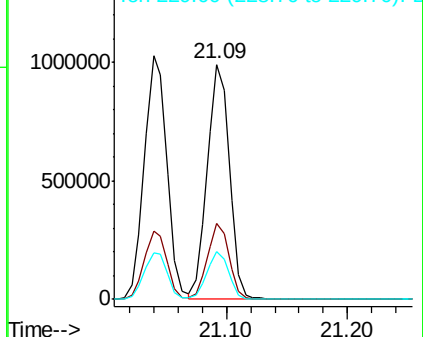
Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.2
229	20.2	15.2	22.8



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

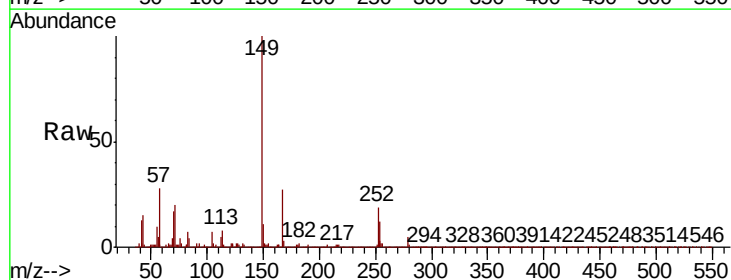
Delta R.T. 0.00 min

Lab File: BP002856.D

Acq: 24 Jul 2020 16:33

Tgt Ion:149 Resp: 874124

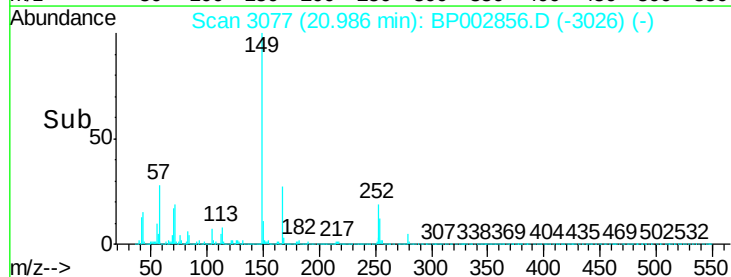
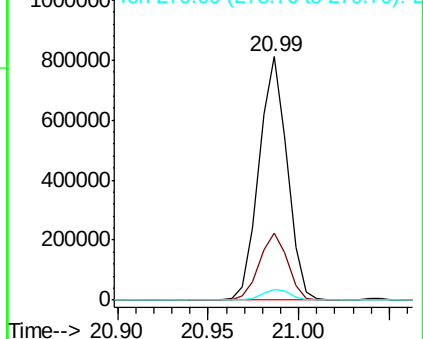
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.2	31.8
279	4.5	3.2	4.8

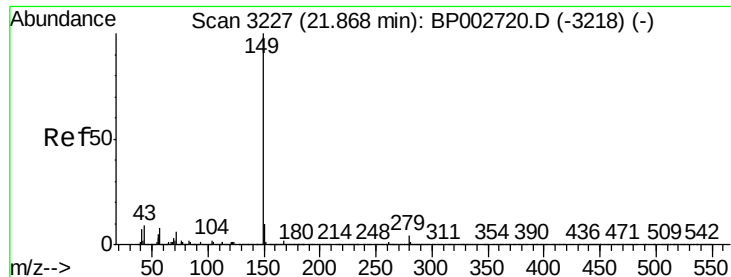


Abundance Ion 149.00 (148.70 to 149.70): E

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

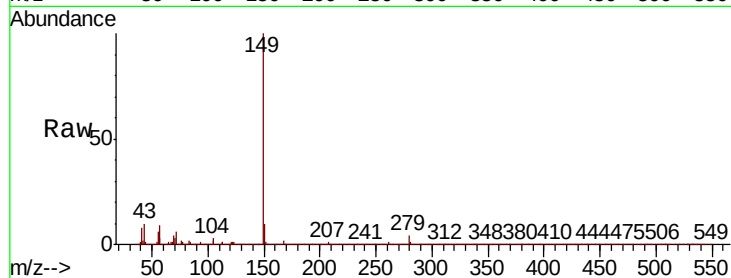
Tot Ion:149 Resp: 1696483

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

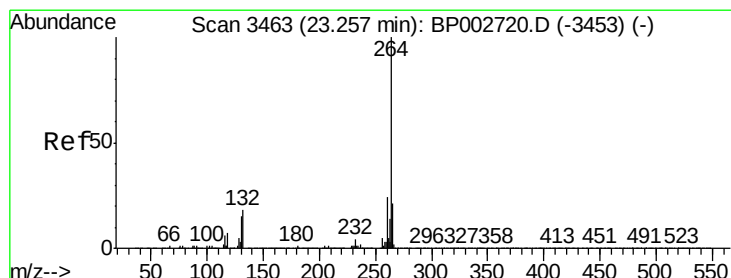
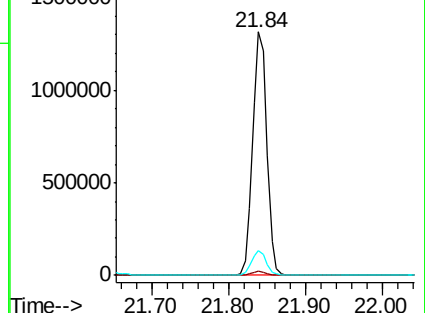
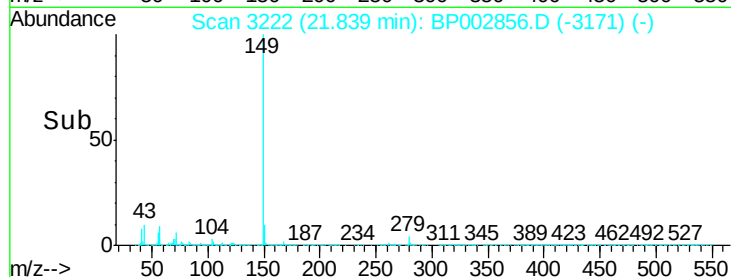
43 9.8 8.2 12.2



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

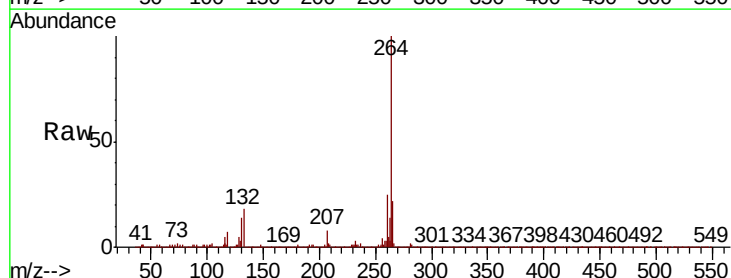
Tgt Ion:264 Resp: 545667

Ion Ratio Lower Upper

264 100

260 24.8 19.6 29.4

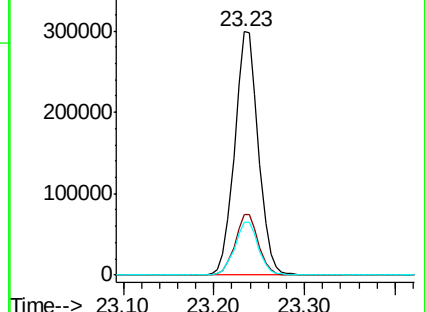
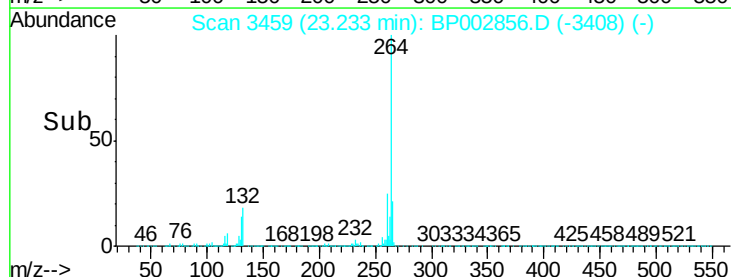
265 21.6 16.7 25.1

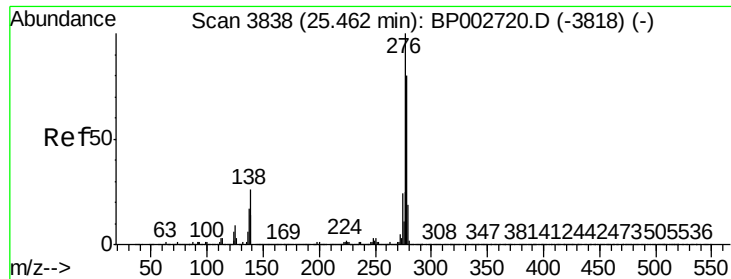


Abundance Ion 264.00 (263.70 to 264.70): E

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

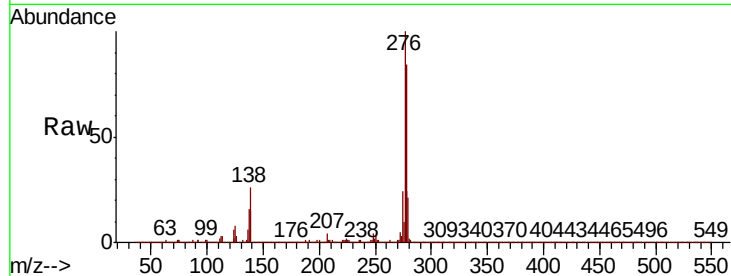
Tot Ion:276 Resp: 1828939

Ion Ratio Lower Upper

276 100

138 25.4 20.5 30.7

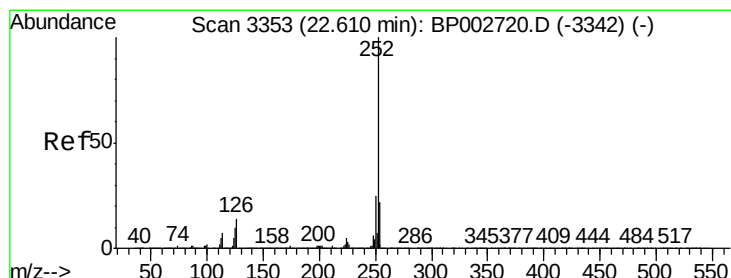
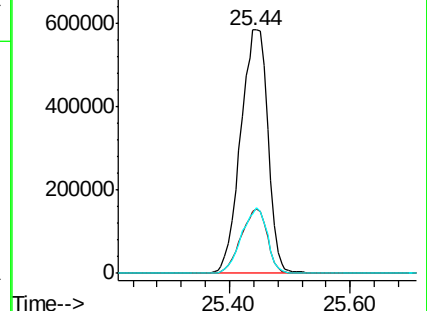
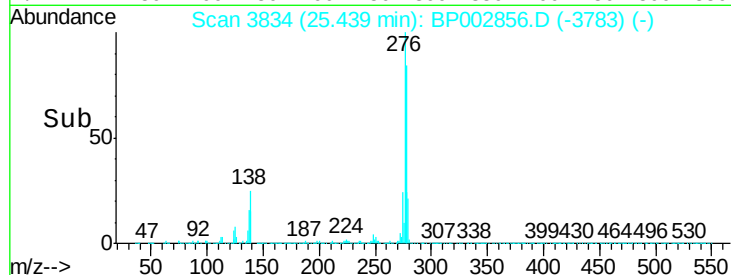
277 25.5 20.1 30.1



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

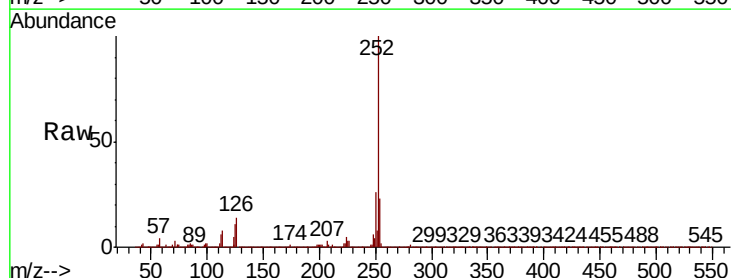
Tgt Ion:252 Resp: 1529305

Ion Ratio Lower Upper

252 100

253 23.3 18.5 27.7

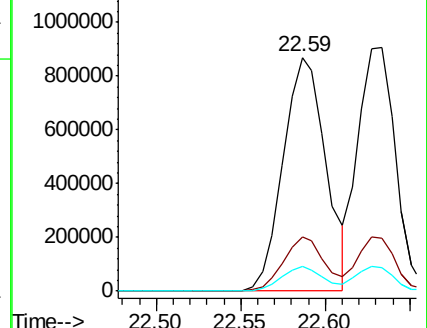
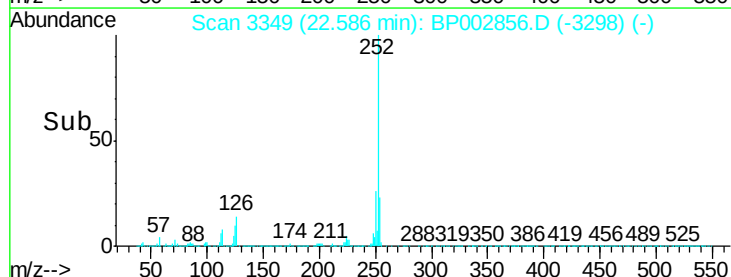
125 10.5 8.3 12.5

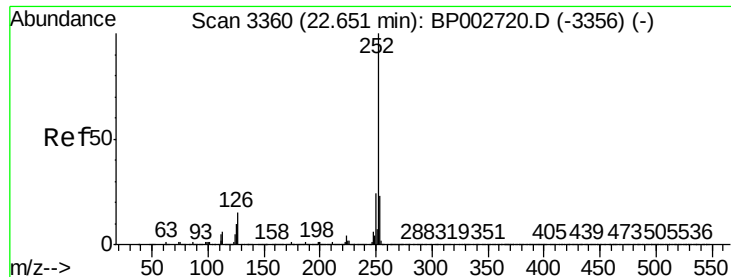


Abundance Ion 252.00 (251.70 to 252.70): E

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

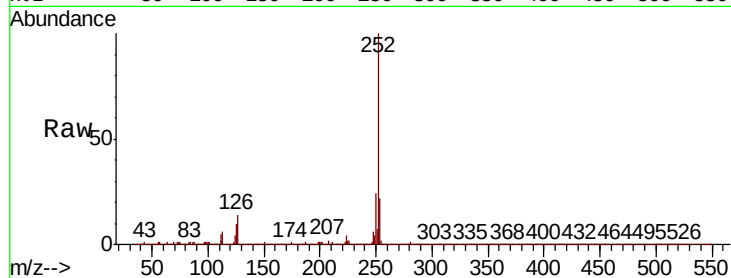
Tot Ion:252 Resp: 1402023

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

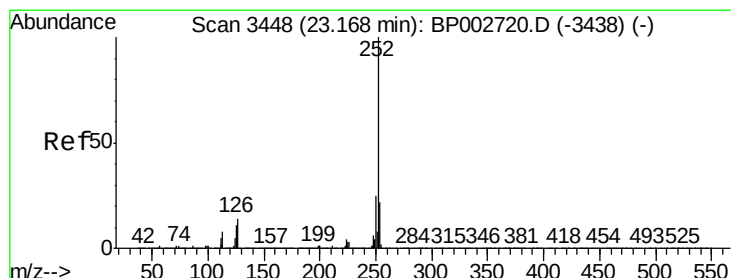
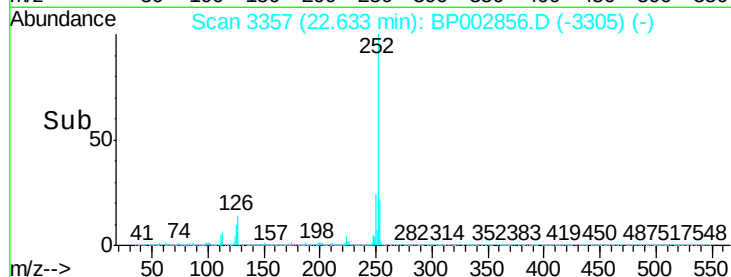
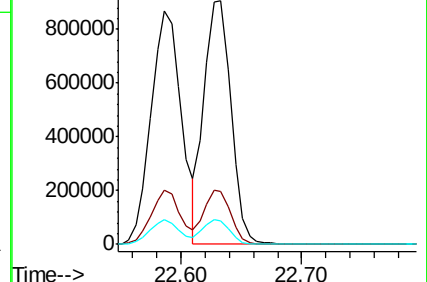
125 9.7 8.0 12.0



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

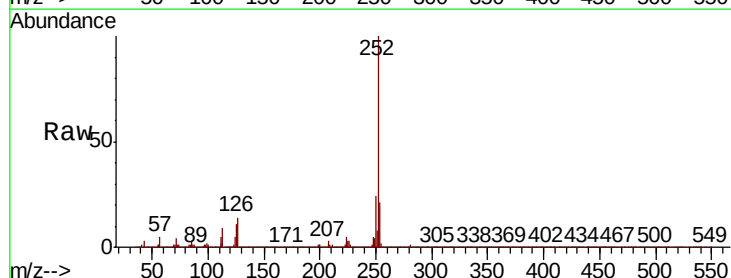
Tgt Ion:252 Resp: 1398049

Ion Ratio Lower Upper

252 100

253 21.3 18.1 27.1

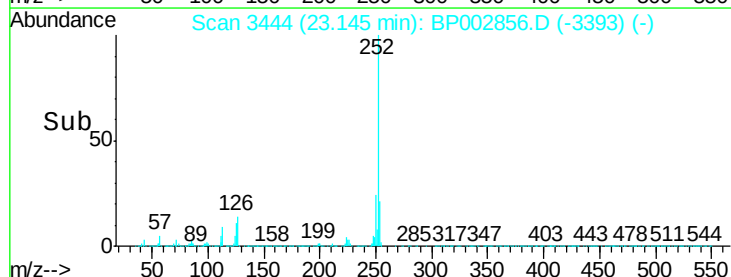
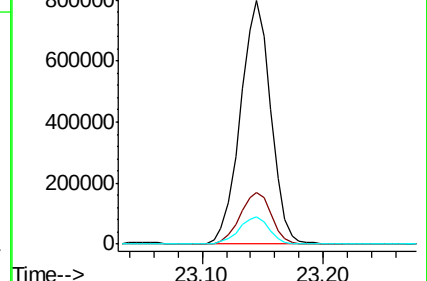
125 11.1 8.9 13.3

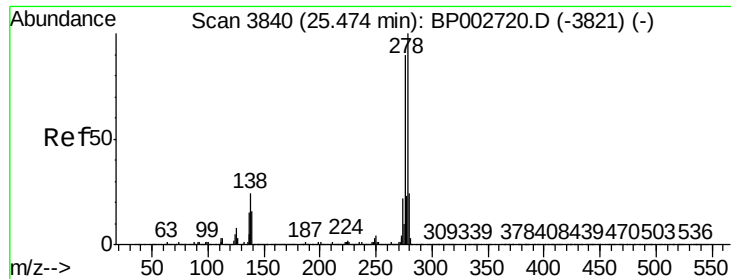


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

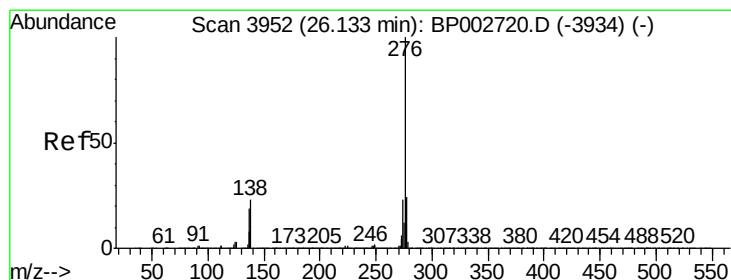
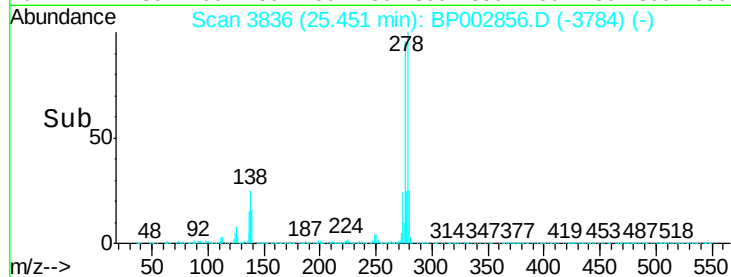
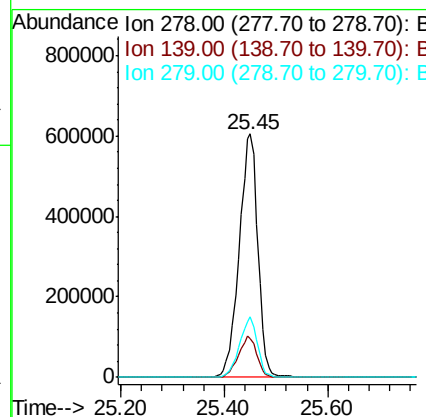
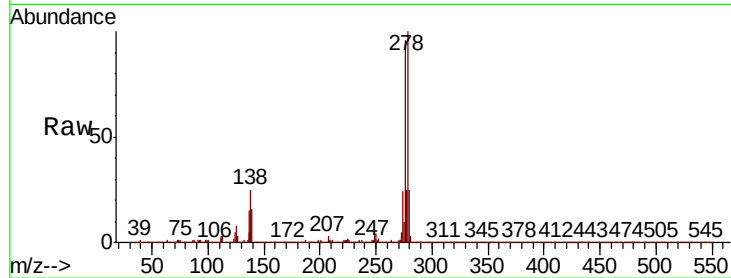




#91
Dibenzo(a,h)anthracene
Concen: 47.403 ng
RT: 25.45 min Scan# 3836
Delta R.T. 0.01 min
Lab File: BP002856.D
Acq: 24 Jul 2020 16:33

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



#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

