

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002839.D
 Acq On : 23 Jul 2020 14:22
 Operator : CG/JU
 Sample : PB130378BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 23 15:19:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	138613	20.00	ng	-0.01
21) Naphthalene-d8	10.32	136	531346	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	296963	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	585283	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	426098	20.00	ng	0.00
86) Perylene-d12	23.26	264	393073	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.18	112	956923	116.48	ng	0.00
7) Phenol-d6	6.75	99	1219761	104.03	ng	0.00
23) Nitrobenzene-d5	8.69	82	793425	79.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	330509	106.62	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1476293	76.91	ng	-0.01
79) Terphenyl-d14	19.55	244	1744750	93.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.11	88	139619	38.980	ng	97
3) Pyridine	3.49	79	378030	35.415	ng	100
4) n-Nitrosodimethylamine	3.42	42	181465	45.127	ng	97
6) Aniline	6.88	93	489624	32.986	ng	99
8) 2-Chlorophenol	7.12	128	395534	43.272	ng	98
9) Benzaldehyde	6.69	77	111480	17.500	ng	98
10) Phenol	6.78	94	511037	42.547	ng	98
11) bis(2-Chloroethyl)ether	6.98	93	408155	40.856	ng	100
12) 1,3-Dichlorobenzene	7.43	146	424739	40.523	ng	97
13) 1,4-Dichlorobenzene	7.58	146	428062	40.695	ng	98
14) 1,2-Dichlorobenzene	7.89	146	400499	39.482	ng	98
15) Benzyl Alcohol	7.79	79	334584	42.642	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.08	45	563941	39.251	ng	100
17) 2-Methylphenol	8.01	107	331256	38.712	ng	98
18) Hexachloroethane	8.60	117	160260	43.014	ng	97
19) n-Nitroso-di-n-propylamine	8.35	70	282925	39.624	ng	98
20) 3+4-Methylphenols	8.33	107	429510	37.961	ng	98
22) Acetophenone	8.36	105	535796	40.904	ng	98
24) Nitrobenzene	8.73	77	457300	42.503	ng	99
25) Isophorone	9.26	82	825488	40.769	ng	100
26) 2-Nitrophenol	9.44	139	212903	45.814	ng	95
27) 2,4-Dimethylphenol	9.52	122	331834	43.983	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	518613	42.168	ng	99
29) 2,4-Dichlorophenol	9.99	162	356494	42.858	ng	99
30) 1,2,4-Trichlorobenzene	10.19	180	385697	40.483	ng	98
31) Naphthalene	10.36	128	1117519	39.836	ng	100
32) Benzoic acid	9.72	122	144039	28.109	ng	98
33) 4-Chloroaniline	10.49	127	298482	24.831	ng	99
34) Hexachlorobutadiene	10.66	225	225683	40.983	ng	99
35) Caprolactam	11.26	113	53929	18.543	ng	98
36) 4-Chloro-3-methylphenol	11.65	107	371044	41.383	ng	98
37) 2-Methylnaphthalene	11.99	142	793296	40.074	ng	97
38) 1-Methylnaphthalene	12.21	142	740335	39.541	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.37	216	399922	43.820	ng	98

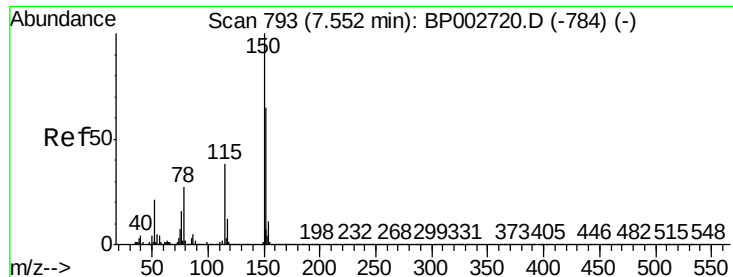
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002839.D
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 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.35	237	257121	65.127	ng	99
43) 2,4,6-Trichlorophenol	12.63	196	251985	43.136	ng	98
44) 2,4,5-Trichlorophenol	12.72	196	270566	39.933	ng	99
46) 1,1'-Biphenyl	13.02	154	933119	42.148	ng	98
47) 2-Chloronaphthalene	13.06	162	734932	40.870	ng	98
48) 2-Nitroaniline	13.27	65	246822	44.405	ng	96
49) Acenaphthylene	13.92	152	1148603	40.519	ng	99
50) Dimethylphthalate	13.67	163	900919	39.780	ng	100
51) 2,6-Dinitrotoluene	13.79	165	197375	40.708	ng	96
52) Acenaphthene	14.26	154	682489	40.285	ng	98
53) 3-Nitroaniline	14.12	138	150334	27.713	ng	96
54) 2,4-Dinitrophenol	14.35	184	191573	72.135	ng	96
55) Dibenzofuran	14.60	168	1051467	38.698	ng	98
56) 4-Nitrophenol	14.47	139	267109	62.600	ng	97
57) 2,4-Dinitrotoluene	14.59	165	258232	40.441	ng	# 89
58) Fluorene	15.26	166	801600	39.871	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.85	232	227466	42.590	ng	95
60) Diethylphthalate	15.05	149	869934	39.618	ng	97
61) 4-Chlorophenyl-phenylether	15.26	204	397697	37.228	ng	99
62) 4-Nitroaniline	15.29	138	202329	35.292	ng	95
63) Azobenzene	15.55	77	928945	41.145	ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	142386	41.501	ng	98
66) n-Nitrosodiphenylamine	15.47	169	751207	43.449	ng	98
67) 4-Bromophenyl-phenylether	16.15	248	263076	41.264	ng	99
68) Hexachlorobenzene	16.27	284	282160	42.005	ng	98
69) Atrazine	16.44	200	230731	48.883	ng	100
70) Pentachlorophenol	16.63	266	222778	69.635	ng	95
71) Phenanthrene	17.00	178	1285000	40.550	ng	98
72) Anthracene	17.09	178	1296434	41.690	ng	99
73) Carbazole	17.37	167	1190659	39.018	ng	99
74) Di-n-butylphthalate	17.95	149	1434070	43.332	ng	99
75) Fluoranthene	18.99	202	1459130	39.738	ng	98
77) Benzidine	19.17	184	510602	48.345	ng	99
78) Pyrene	19.35	202	1454941	49.455	ng	99
80) Butylbenzylphthalate	20.23	149	590773	50.888	ng	96
81) Benzo(a)anthracene	21.06	228	1186583	43.019	ng	99
82) 3,3'-Dichlorobenzidine	20.99	252	364714	39.926	ng	94
83) Chrysene	21.11	228	1098148	41.825	ng	97
84) Bis(2-ethylhexyl)phthalate	21.00	149	782452	48.459	ng	99
85) Di-n-octyl phthalate	21.86	149	1323442	45.590	ng	99
87) Indeno(1,2,3-cd)pyrene	25.47	276	1248407	43.943	ng	99
88) Benzo(b)fluoranthene	22.60	252	1103004	45.191	ng	99
89) Benzo(k)fluoranthene	22.65	252	1072644	44.617	ng	98
90) Benzo(a)pyrene	23.17	252	994517	42.998	ng	97
91) Dibenzo(a,h)anthracene	25.47	278	1043311	45.536	ng	99
92) Benzo(g,h,i)perylene	26.14	276	1044208	44.951	ng	99

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

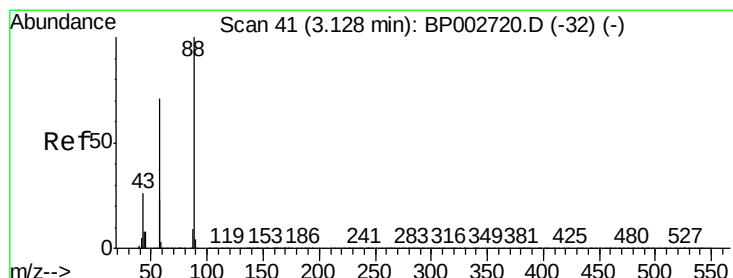
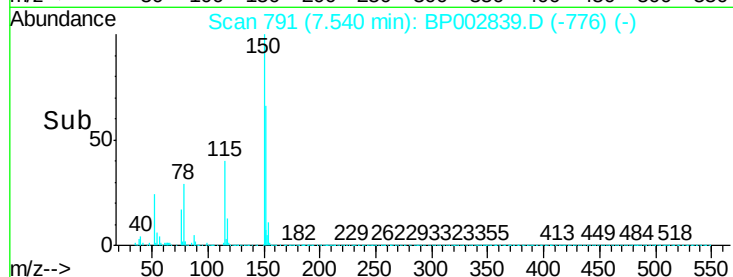
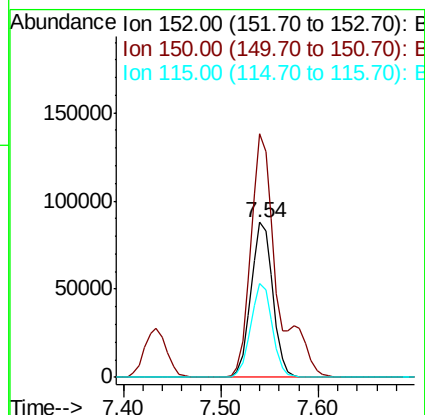
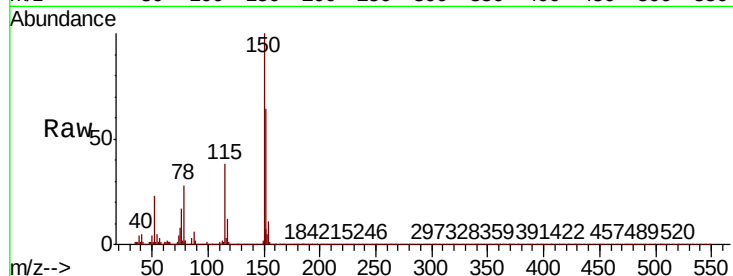


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Instrument :
BNA_P
ClientSampleId :

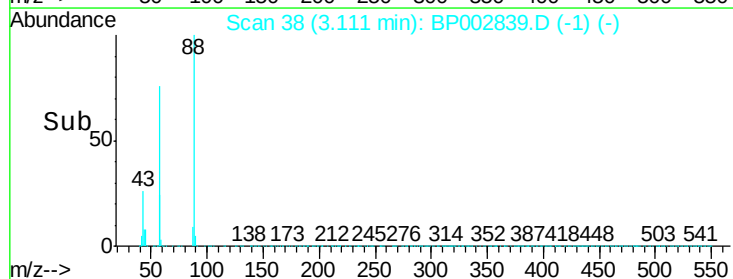
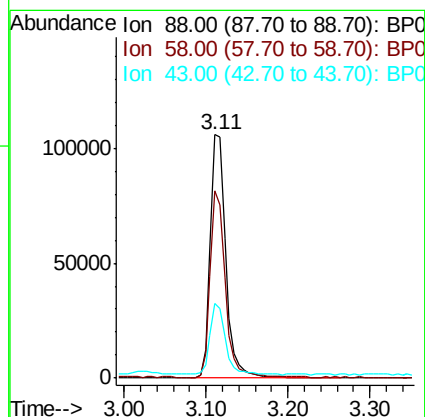
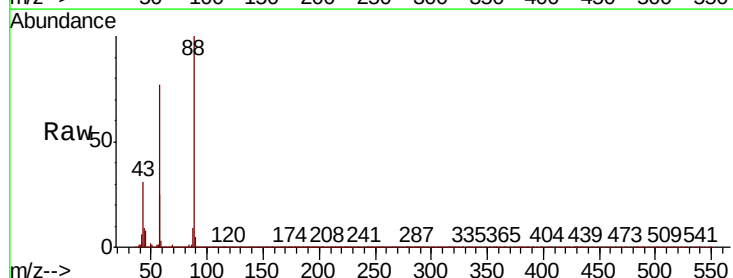
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.7	185.5
115	60.3	47.2	70.8

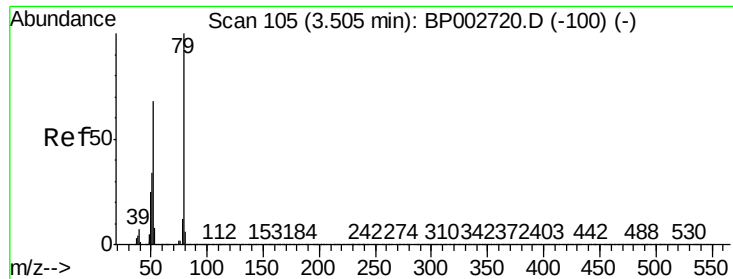


#2

1,4-Dioxane
Concen: 38.980 ng
RT: 3.11 min Scan# 38
Delta R.T. -0.02 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	58.2	87.4
43	29.3	21.5	32.3

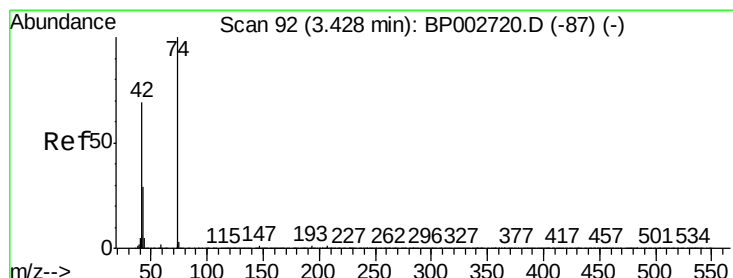
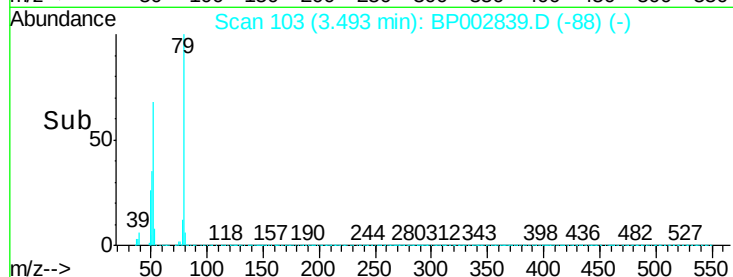
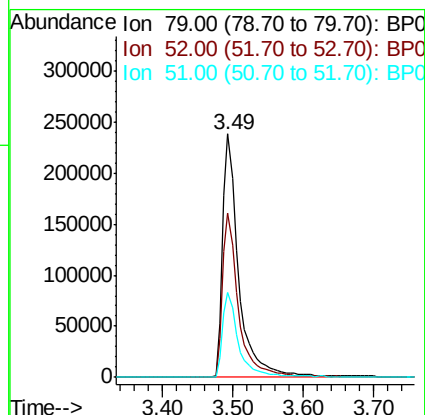
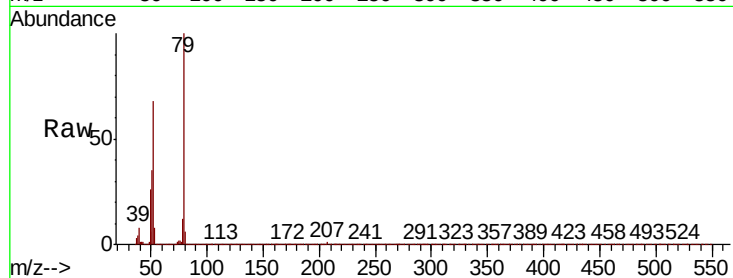




#3
 Pvridine
 Concen: 35.415 ng
 RT: 3.49 min Scan# 103
 Delta R.T. -0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

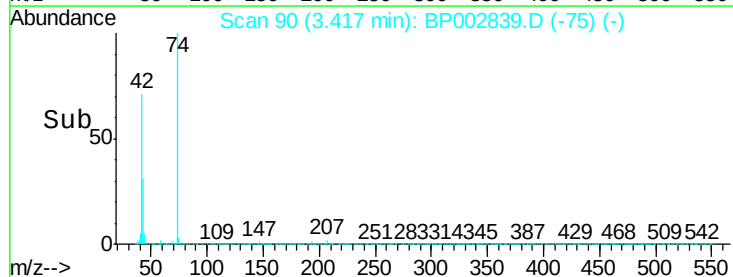
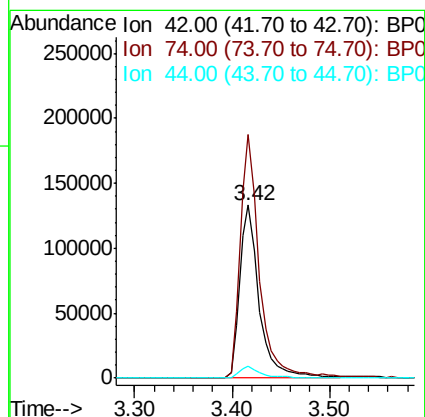
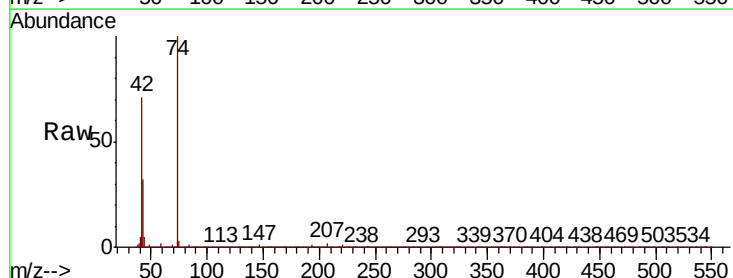
Instrument :
 BNA_P
 ClientSampleId :

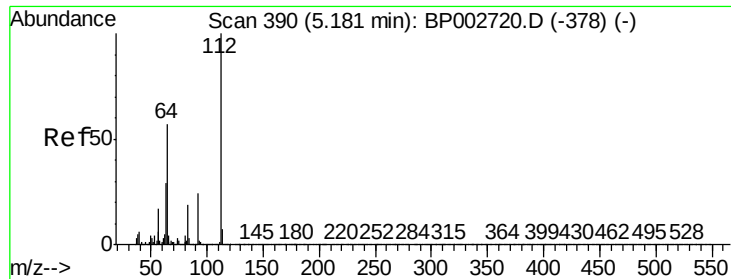
Tot Ion: 79 Resp: 378030
 Ion Ratio Lower Upper
 79 100
 52 67.7 54.2 81.2
 51 34.8 27.3 40.9



#4
 n-Nitrosodimethylamine
 Concen: 45.127 ng
 RT: 3.42 min Scan# 90
 Delta R.T. -0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

Tgt Ion: 42 Resp: 181465
 Ion Ratio Lower Upper
 42 100
 74 141.1 116.3 174.5
 44 7.1 5.9 8.9





#5

2-Fluorophenol

Concen: 116.476 ng

RT: 5.18 min Scan# 389

Delta R.T. -0.01 min

Lab File: BP002839.D

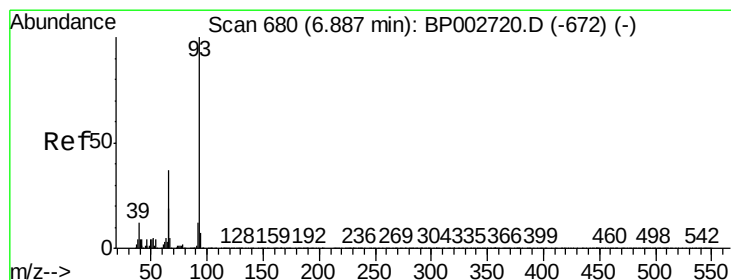
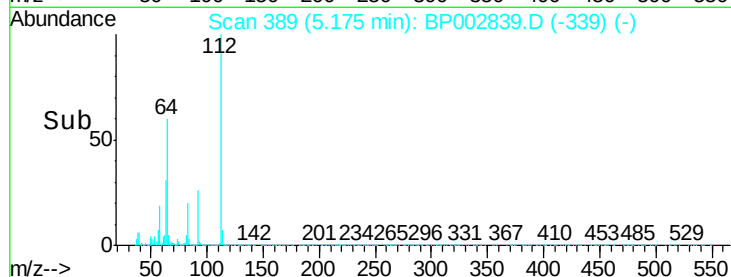
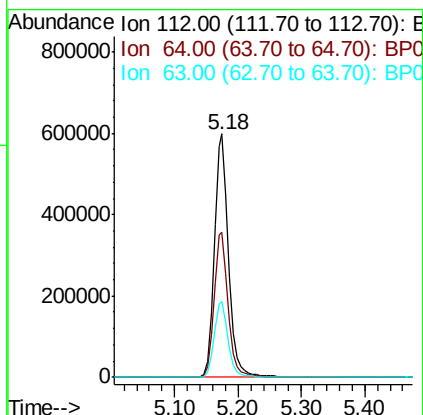
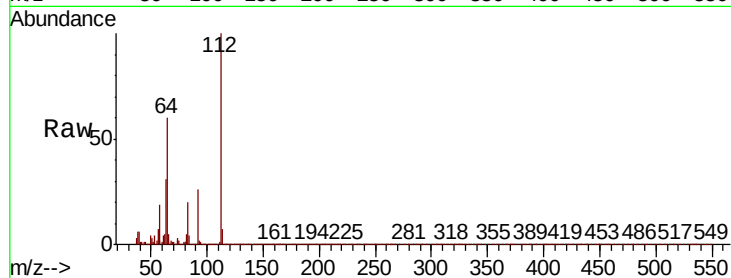
Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	112	Resp:	956923
Ion	Ratio	Lower	Upper
112	100		
64	59.6	45.6	68.4
63	31.3	23.5	35.3



#6

Aniline

Concen: 32.986 ng

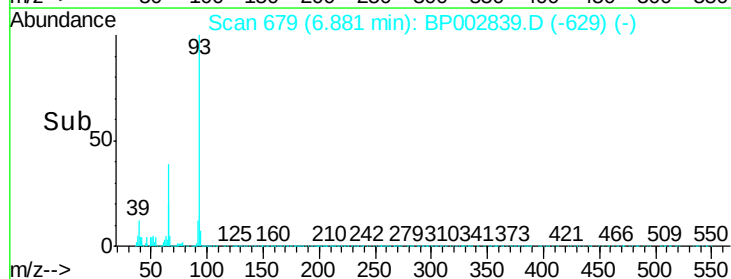
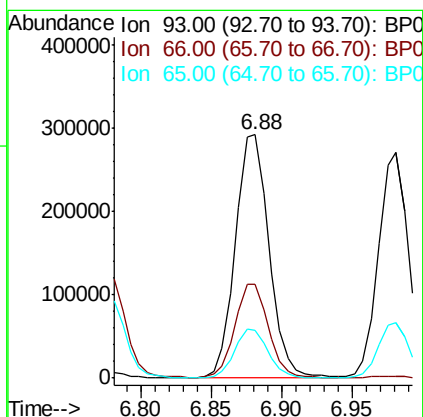
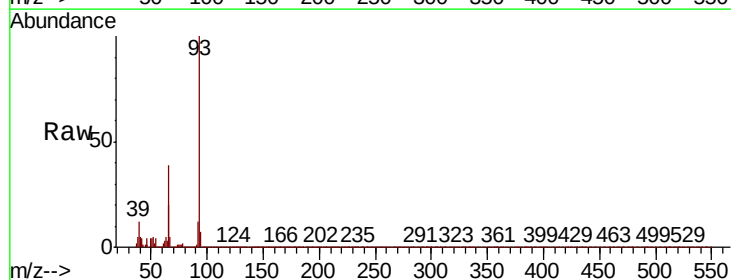
RT: 6.88 min Scan# 679

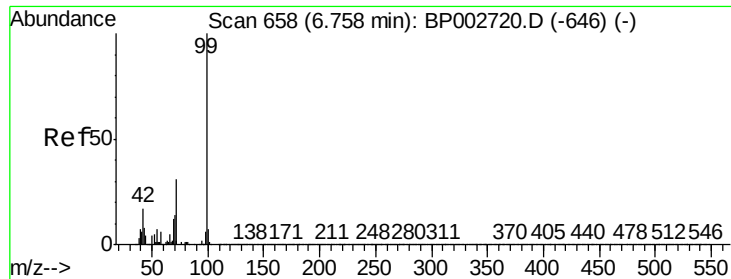
Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Tgt Ion:	93	Resp:	489624
Ion	Ratio	Lower	Upper
93	100		
66	38.6	30.1	45.1
65	19.7	15.4	23.2





#7

Phenol-d6

Concen: 104.030 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

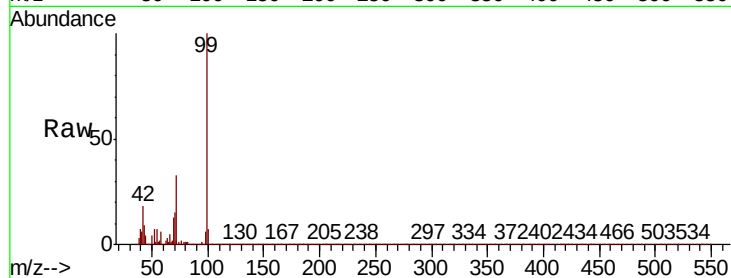
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1219761

Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.4	20.2
71	33.1	24.6	36.8



Abundance

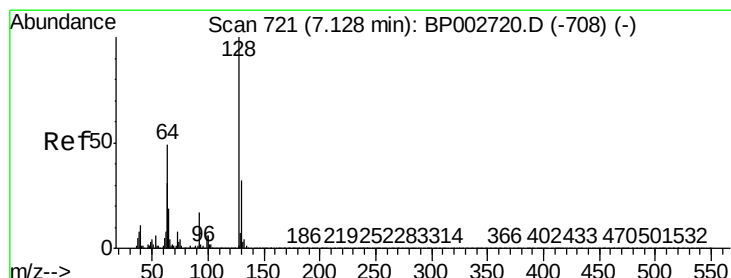
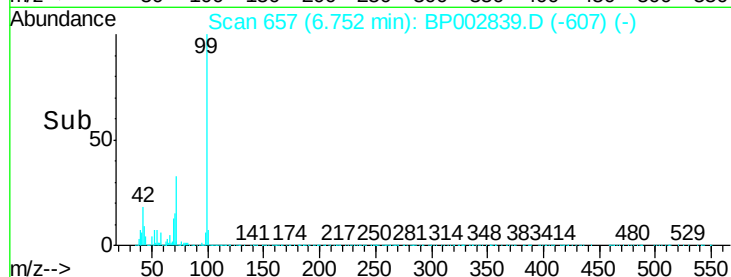
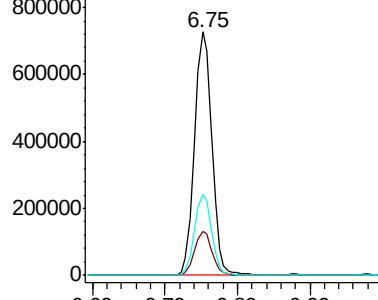
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

6.75

Time-->



#8

2-Chlorophenol

Concen: 43.272 ng

RT: 7.12 min Scan# 719

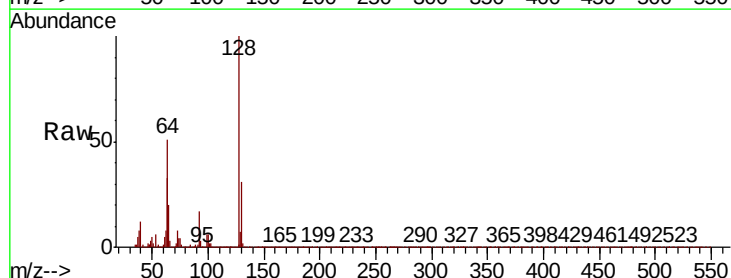
Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Tgt Ion: 128 Resp: 395534

Ion	Ratio	Lower	Upper
128	100		
130	31.0	12.2	52.2
64	50.5	28.8	68.8



Abundance

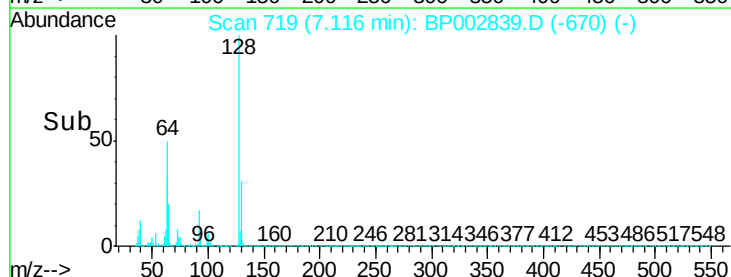
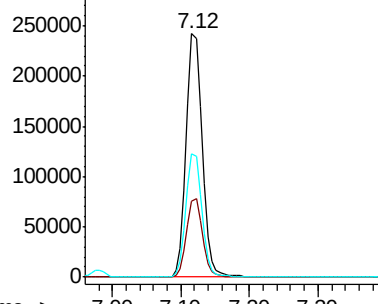
Ion 128.00 (127.70 to 128.70): E

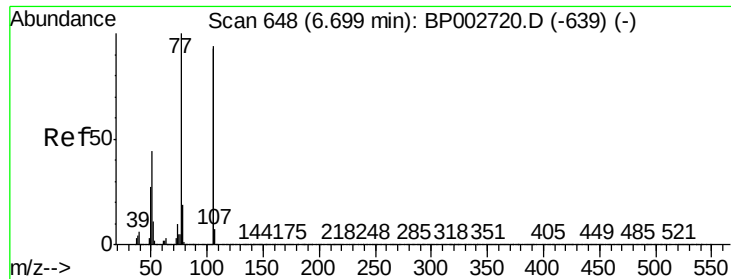
Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0

7.12

Time-->





#9

Benzaldehyde

Concen: 17.500 ng

RT: 6.69 min Scan# 647

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

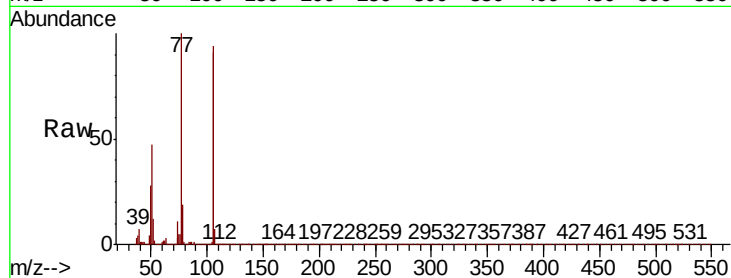
Tot Ion: 77 Resp: 111480

Ion Ratio Lower Upper

77 100

105 93.7 73.2 113.2

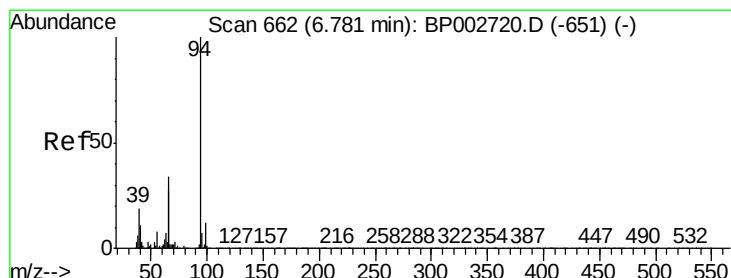
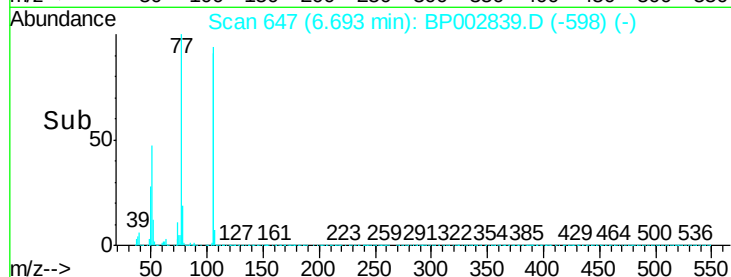
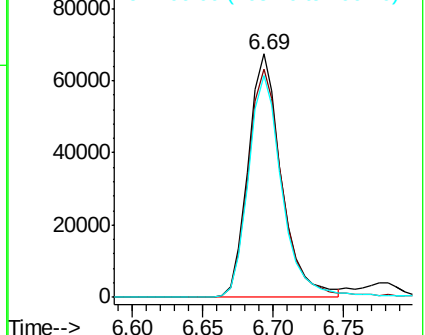
106 91.2 73.6 113.6



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 42.547 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

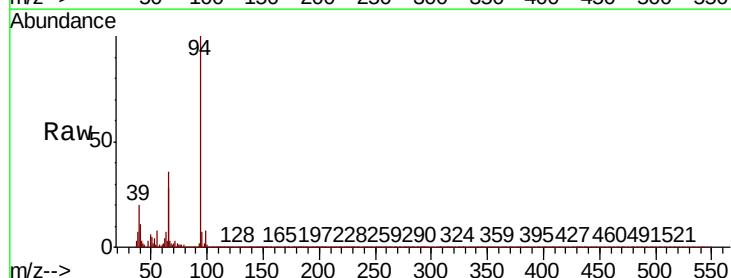
Tgt Ion: 94 Resp: 511037

Ion Ratio Lower Upper

94 100

65 27.7 7.0 47.0

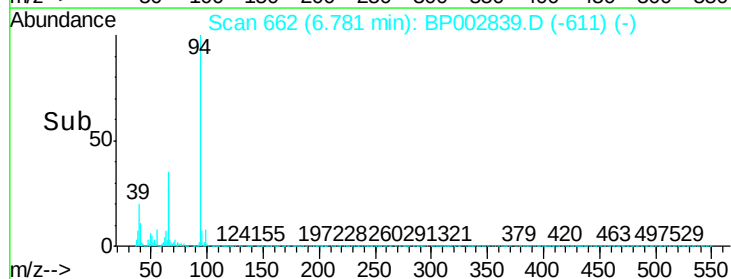
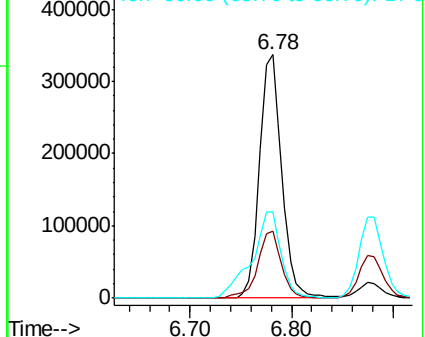
66 35.5 13.7 53.7

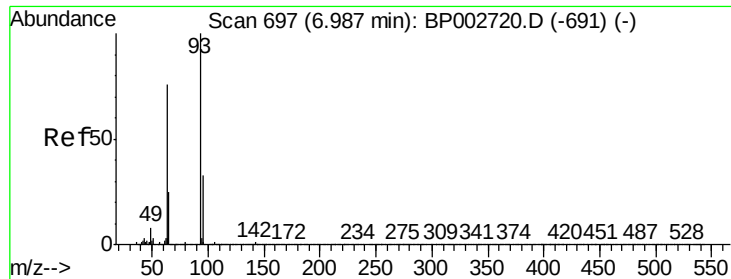


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

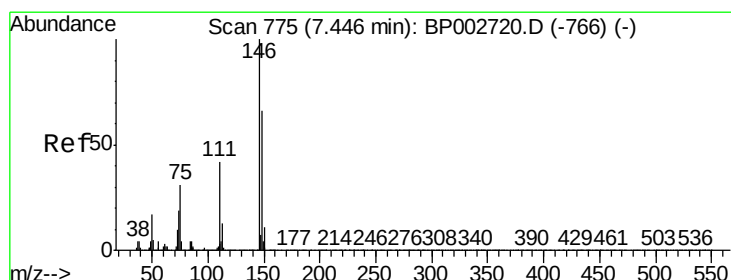
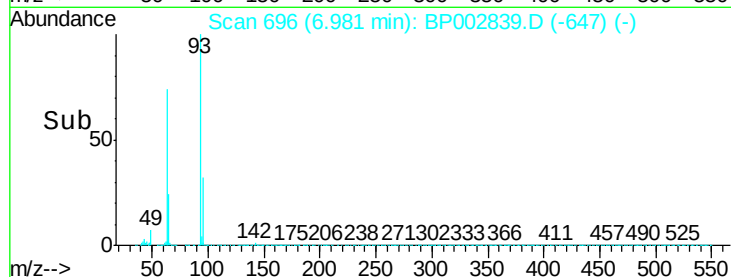
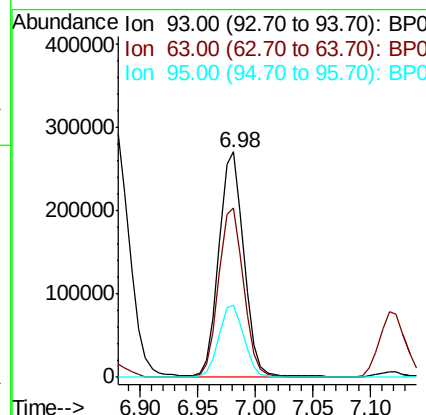
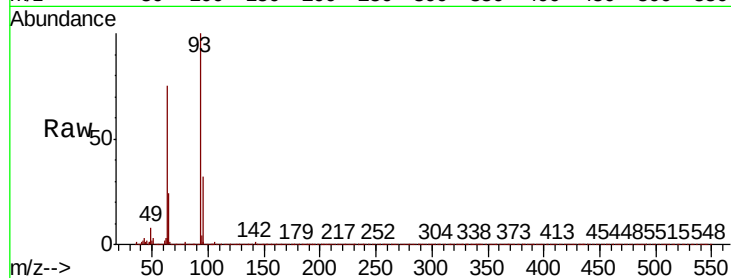




#11
bis(2-Chloroethyl)ether
Concen: 40.856 ng
RT: 6.98 min Scan# 696
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

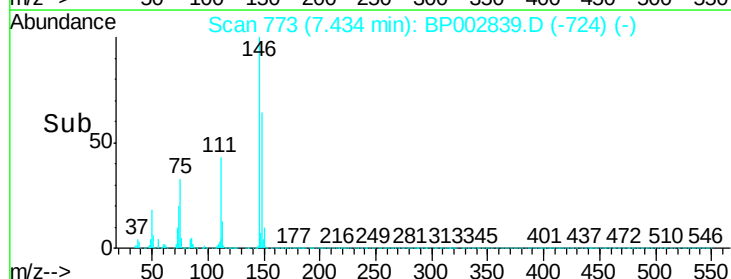
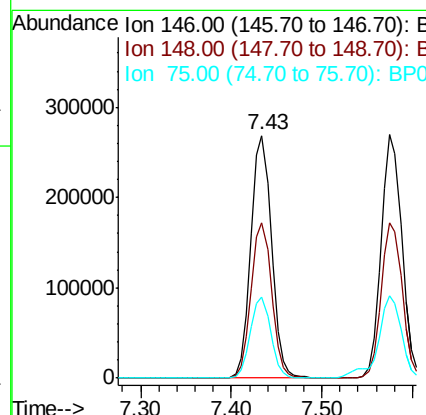
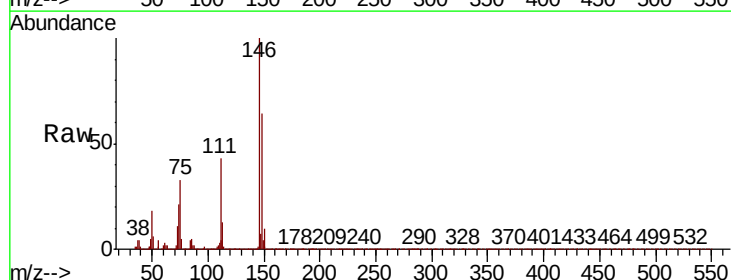
Instrument :
BNA_P
ClientSampleId :

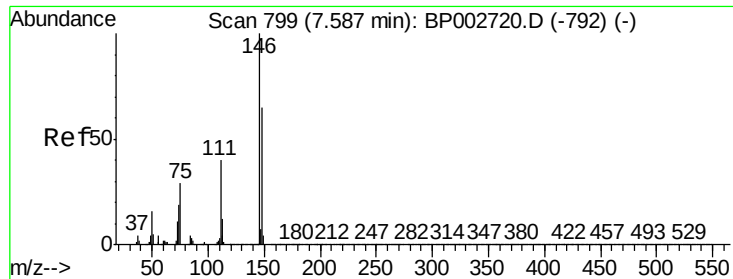
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	55.1	95.1
95	32.0	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 40.523 ng
RT: 7.43 min Scan# 773
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.6	78.8
75	33.2	25.2	37.8

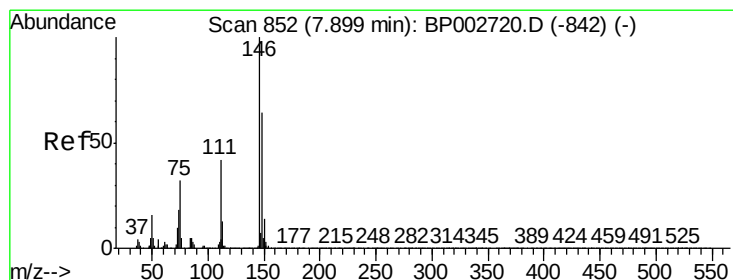
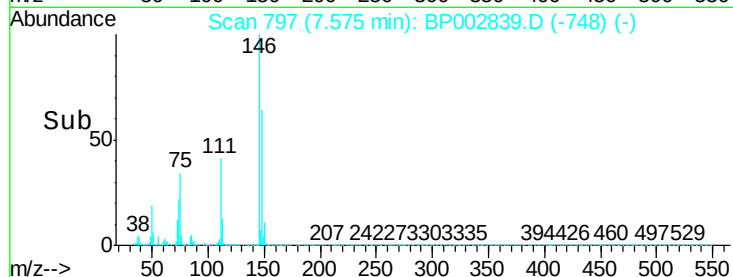
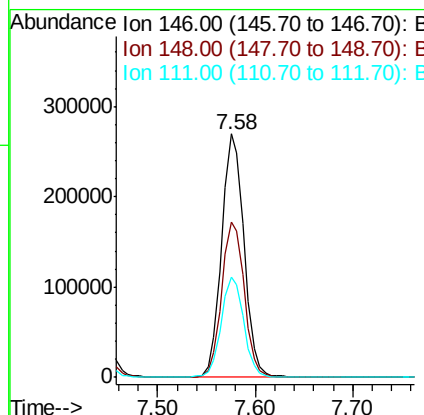
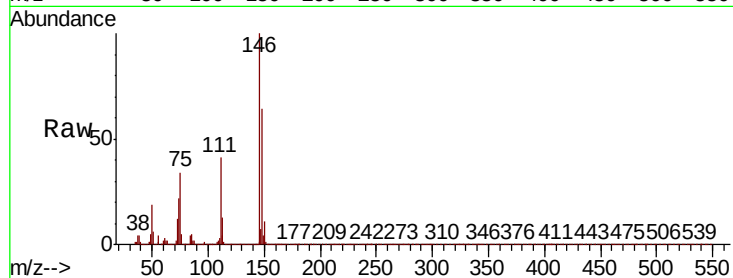




#13
 1,4-Dichlorobenzene
 Concen: 40.695 ng
 RT: 7.58 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

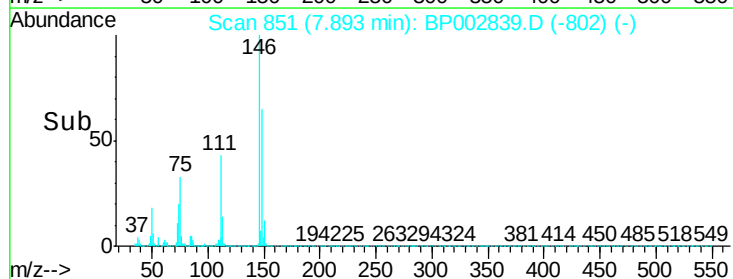
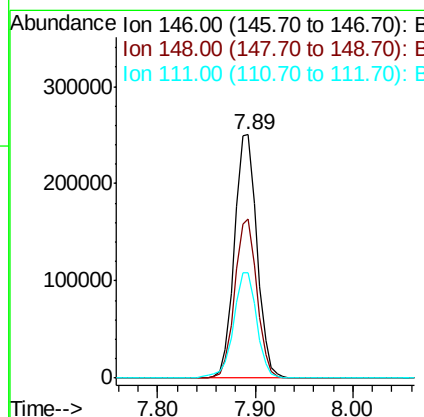
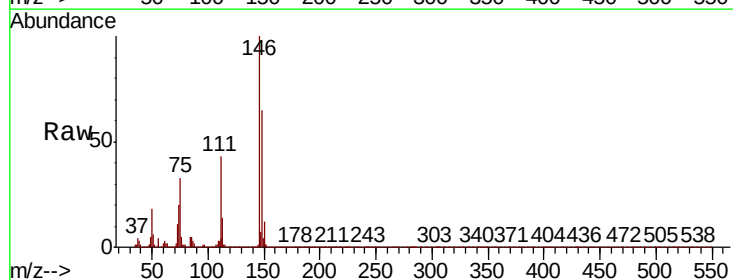
Instrument :
 BNA_P
 ClientSampleId :

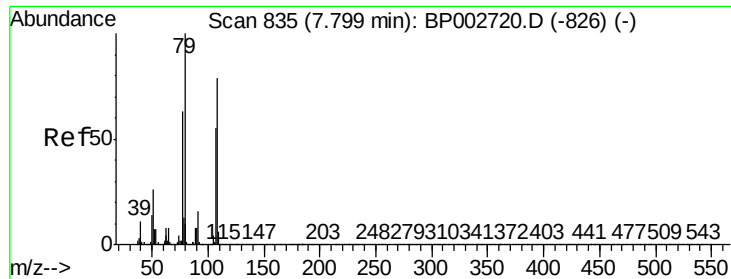
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.1	78.1
111	41.3	32.2	48.2



#14
 1,2-Dichlorobenzene
 Concen: 39.482 ng
 RT: 7.89 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.0	76.6
111	43.2	33.9	50.9

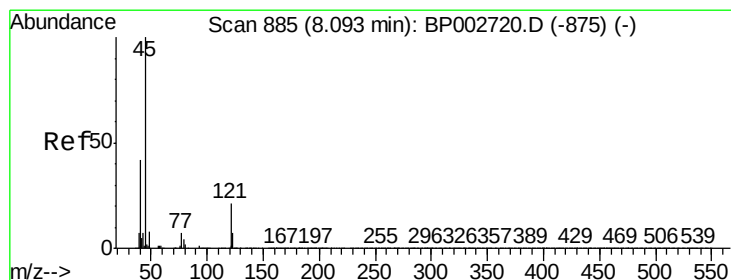
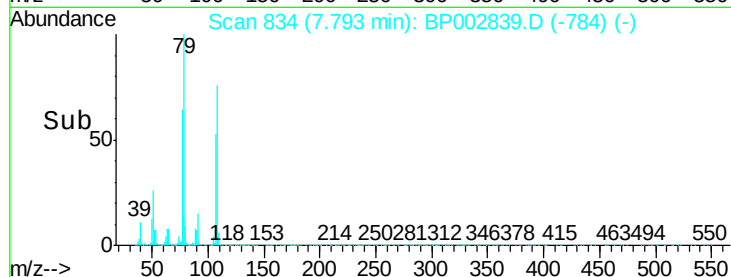
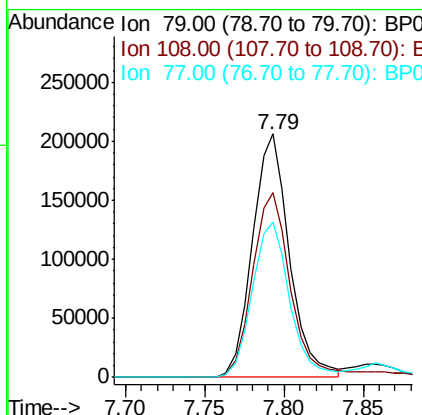
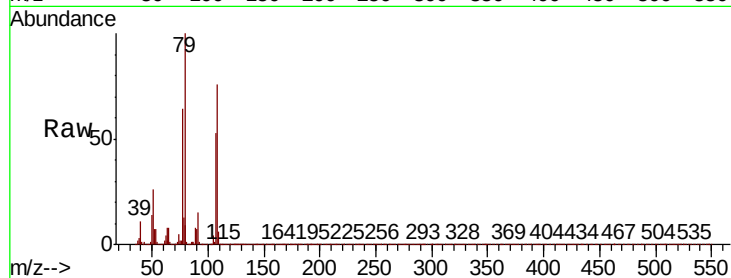




#15
Benzyl Alcohol
Concen: 42.642 ng
RT: 7.79 min Scan# 834
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

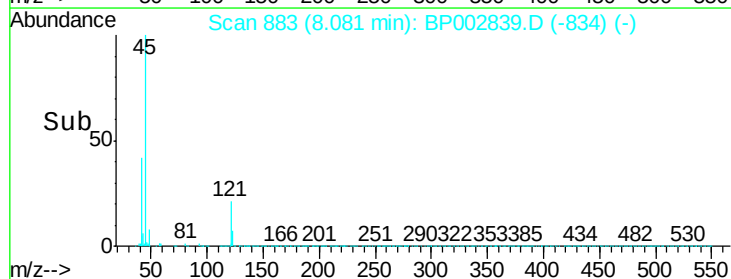
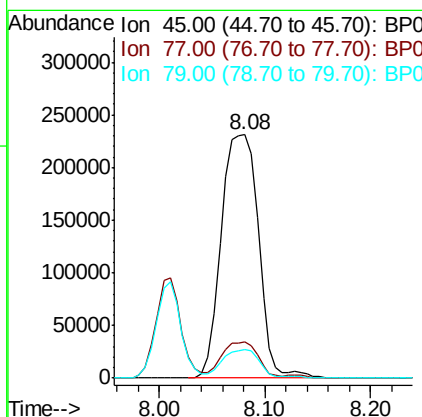
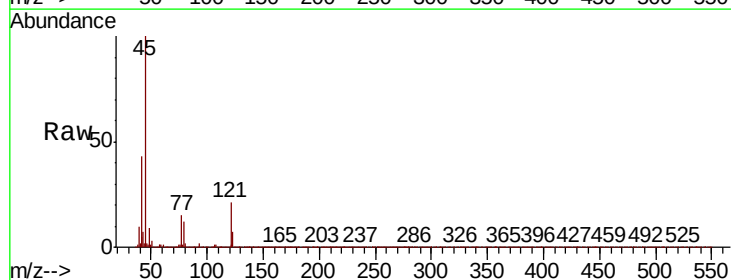
Instrument :
BNA_P
ClientSampleId :

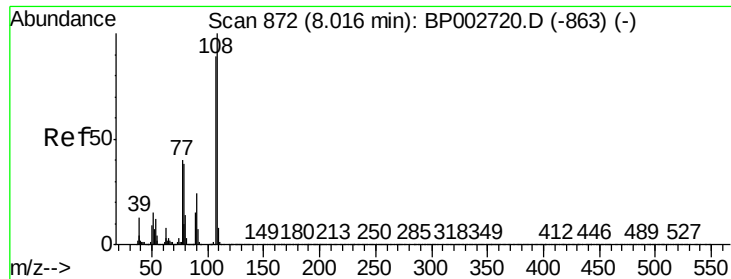
Tot Ion: 79 Resp: 334584
Ion Ratio Lower Upper
79 100
108 76.1 63.1 94.7
77 63.7 50.8 76.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.251 ng
RT: 8.08 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion: 45 Resp: 563941
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.8
79 11.7 0.0 31.6

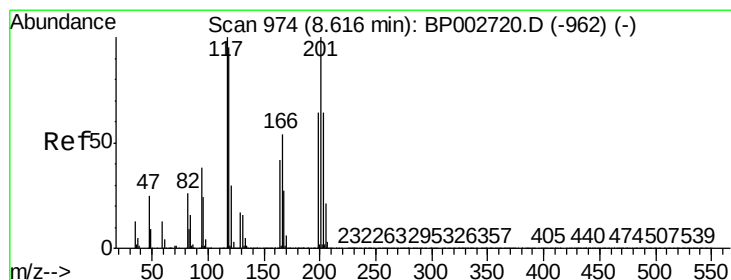
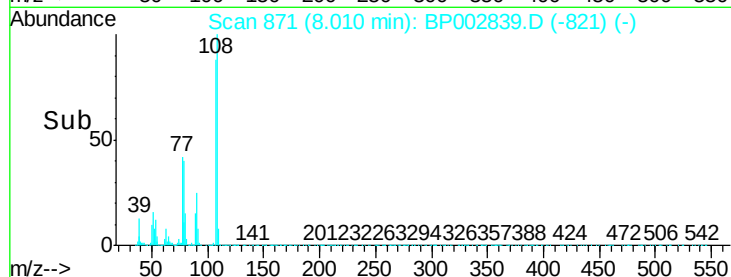
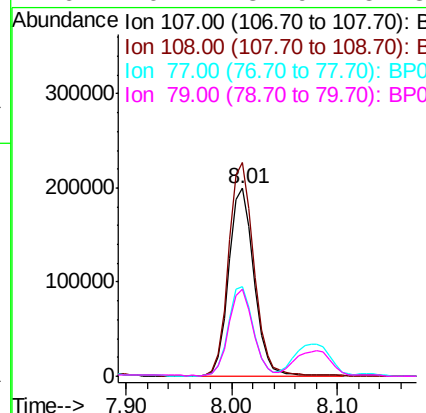
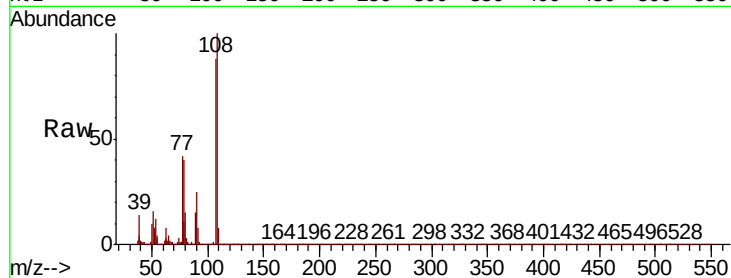




#17
2-Methylphenol
Concen: 38.712 ng
RT: 8.01 min Scan# 871
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

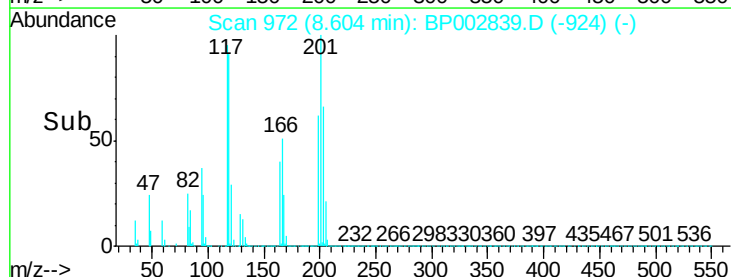
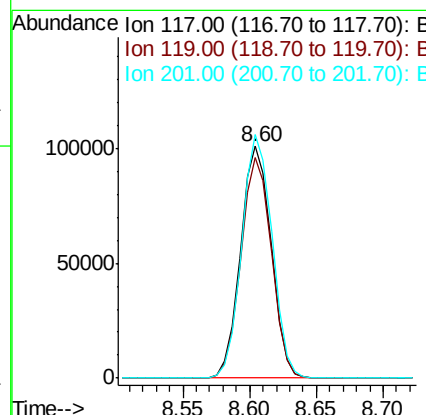
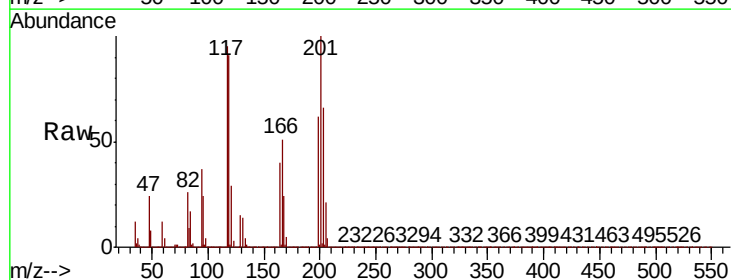
Instrument :
BNA_P
ClientSampleId :

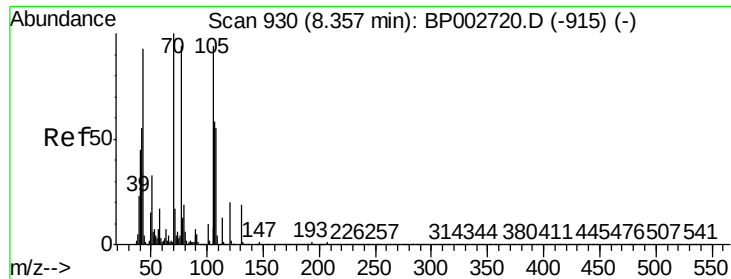
Tot Ion:	107	Resp:	331256
Ion	Ratio	Lower	Upper
107	100		
108	113.9	89.9	134.9
77	48.0	36.6	54.8
79	46.1	34.9	52.3



#18
Hexachloroethane
Concen: 43.014 ng
RT: 8.60 min Scan# 972
Delta R.T. -0.02 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion:	117	Resp:	160260
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.6	115.0
201	105.0	80.3	120.5

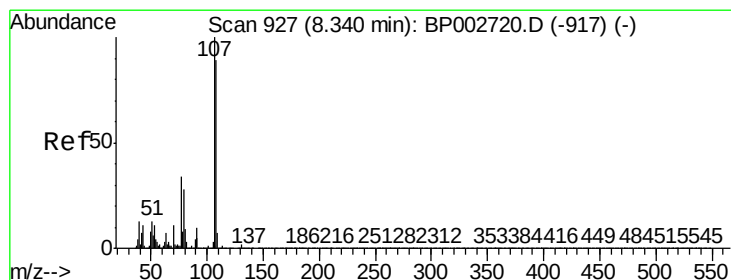
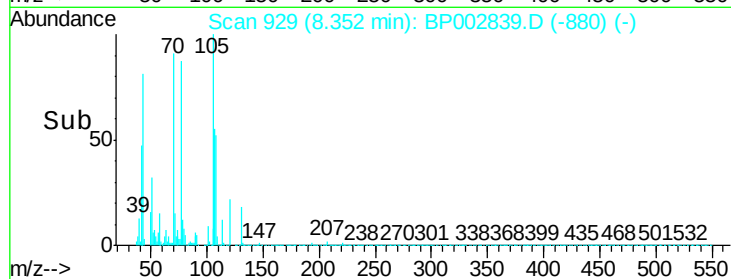
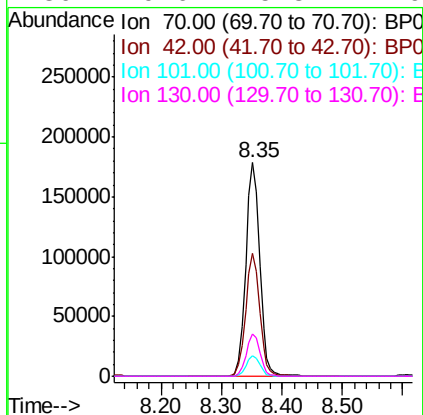
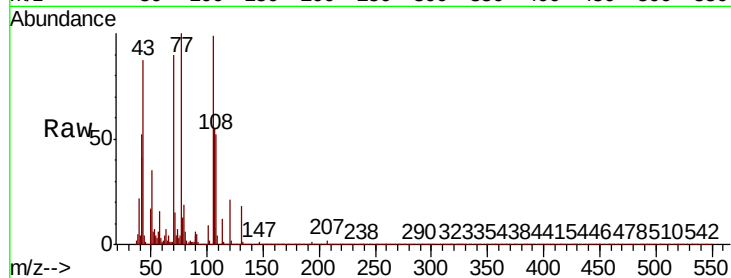




#19
n-Nitroso-di-n-propylamine
Concen: 39.624 ng
RT: 8.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

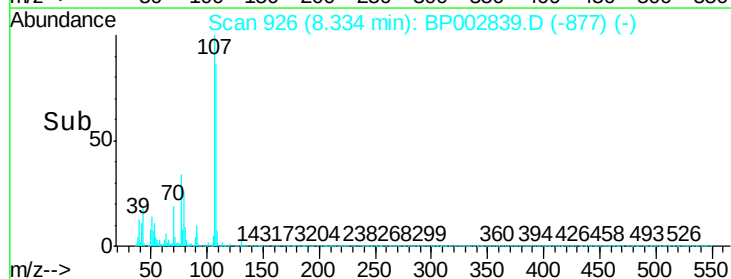
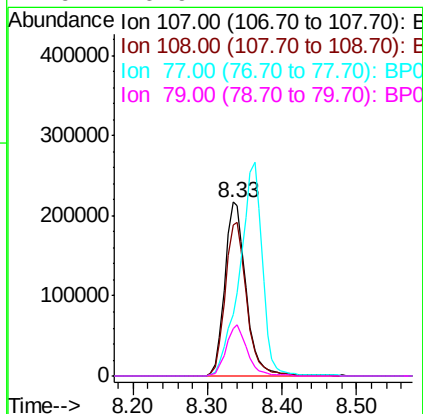
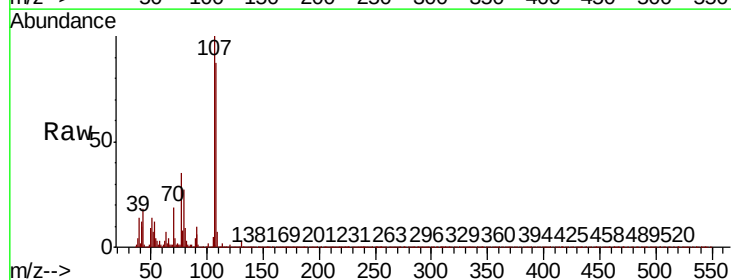
Instrument :
BNA_P
ClientSampleId :

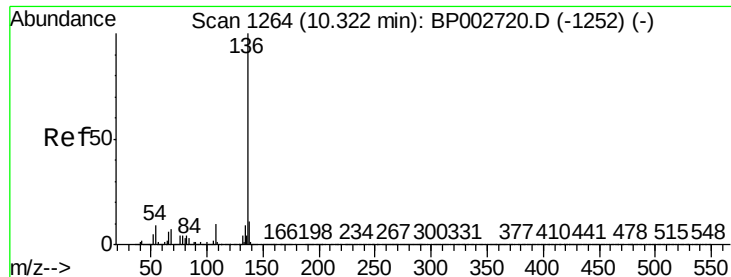
Tot Ion:	70	Resp:	282925
Ion	Ratio	Lower	Upper
70	100		
42	57.5	44.2	66.4
101	9.7	7.7	11.5
130	19.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 37.961 ng
RT: 8.33 min Scan# 926
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion:	107	Resp:	429510
Ion	Ratio	Lower	Upper
107	100		
108	87.1	69.5	109.5
77	35.4	14.3	54.3
79	26.9	7.7	47.7

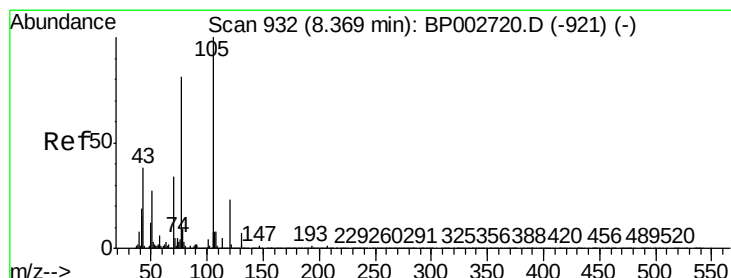
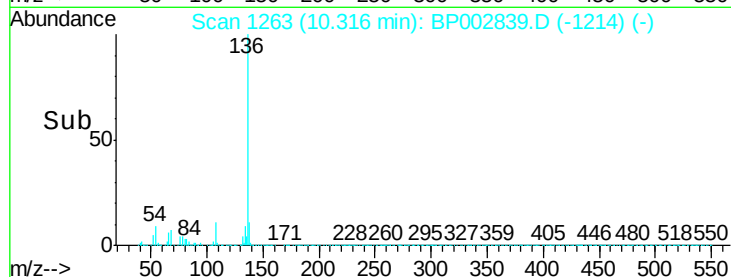
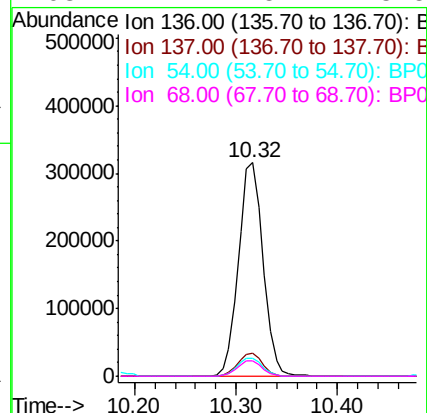
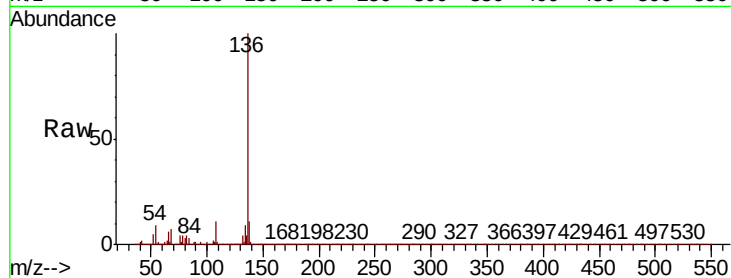




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

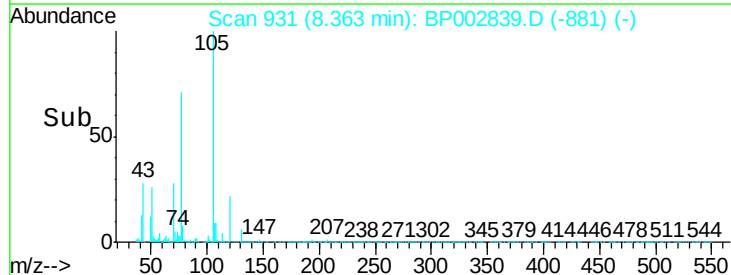
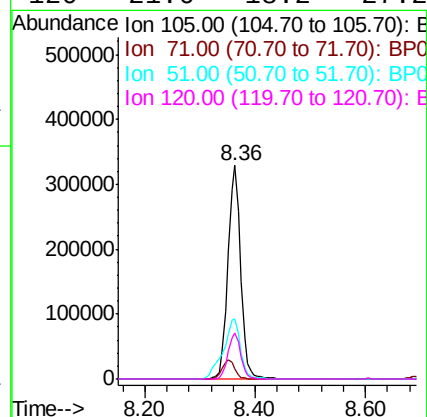
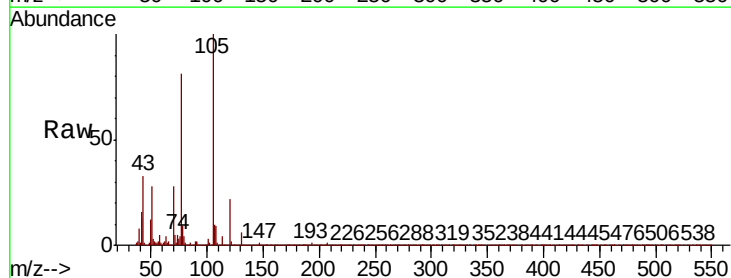
Instrument :
BNA_P
ClientSampleId :

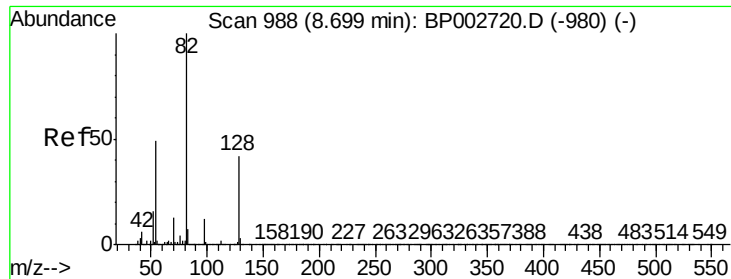
Tot Ion:136	Resp:	531346	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	8.6	13.0	
54 8.7	6.9	10.3	
68 7.2	5.7	8.5	



#22
Acetophenone
Concen: 40.904 ng
RT: 8.36 min Scan# 931
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt	Ion:105	Resp:	535796
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.4	6.6
51	28.1	21.8	32.8
120	21.6	18.2	27.2

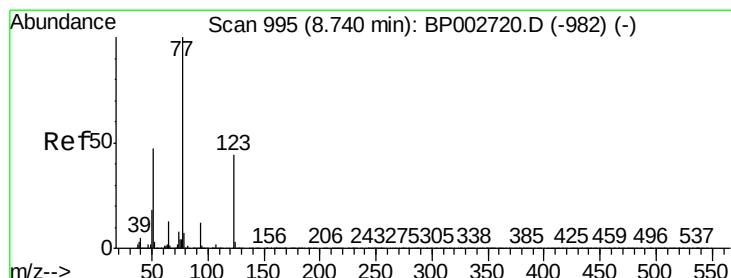
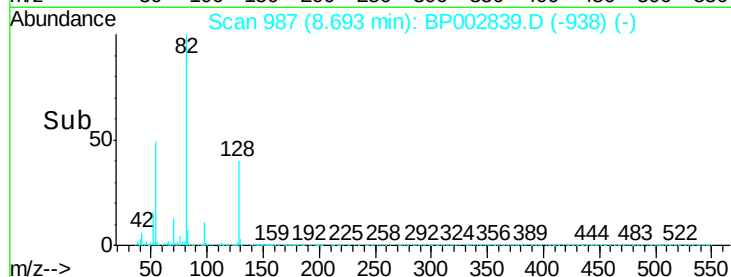
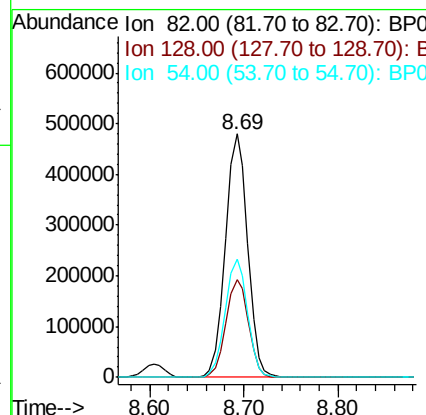
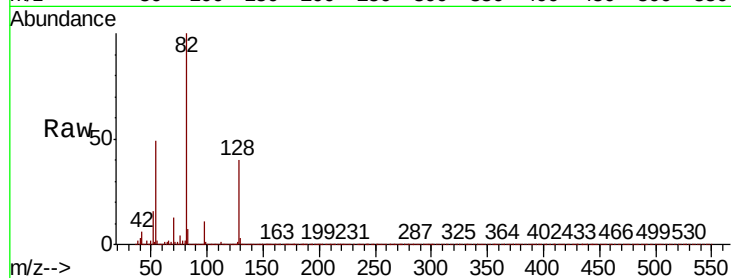




#23
Nitrobenzene-d5
Concen: 79.864 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

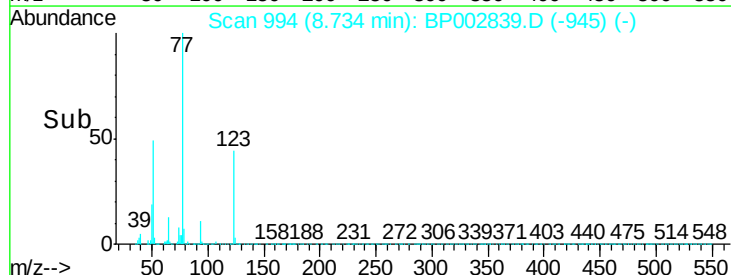
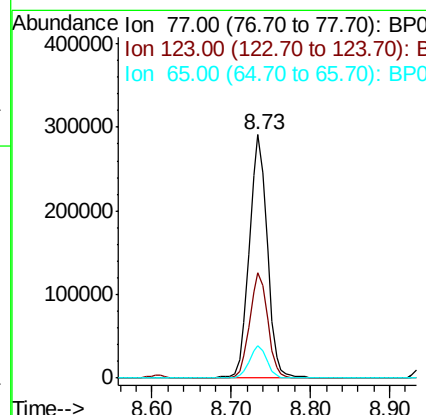
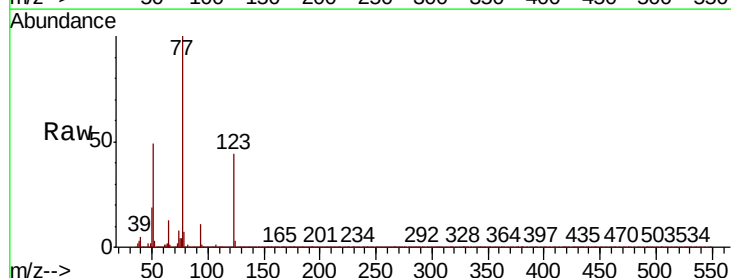
Instrument :
BNA_P
ClientSampleId :

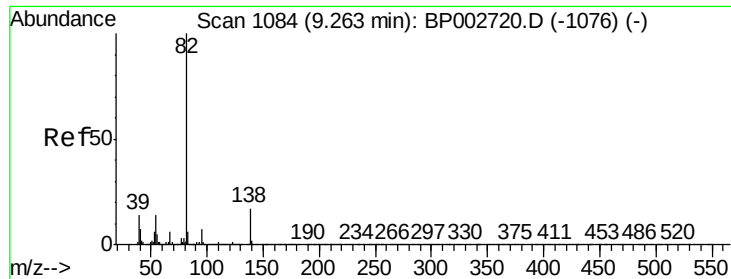
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.3	33.8	50.8
54	48.7	38.8	58.2



#24
Nitrobenzene
Concen: 42.503 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.5	35.0	52.6
65	13.4	10.4	15.6

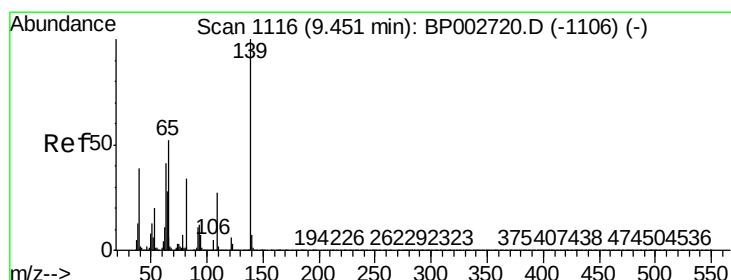
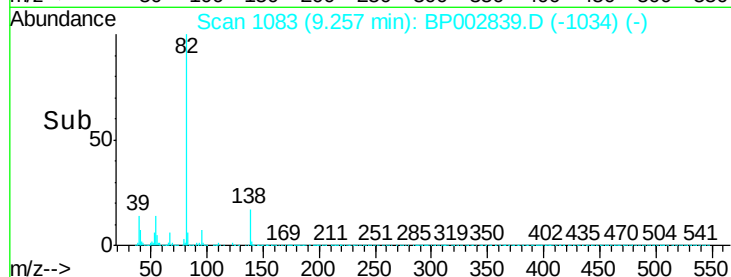
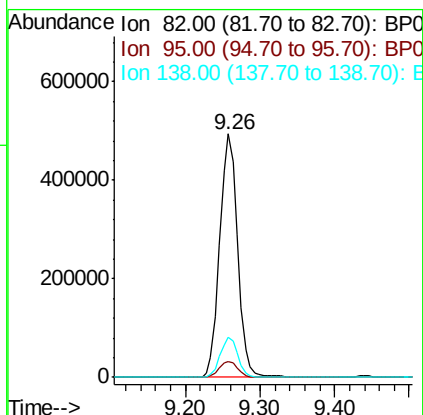
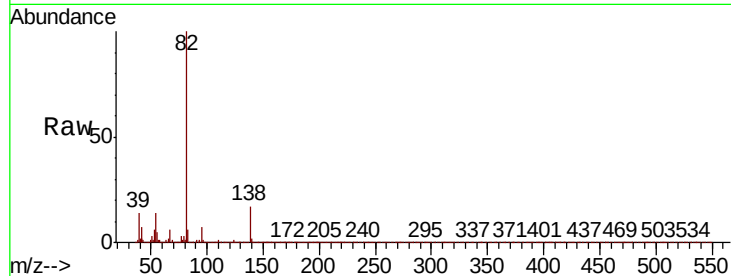




#25
Isophorone
Concen: 40.769 ng
RT: 9.26 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

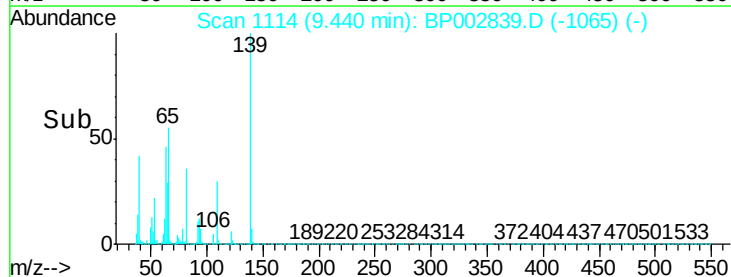
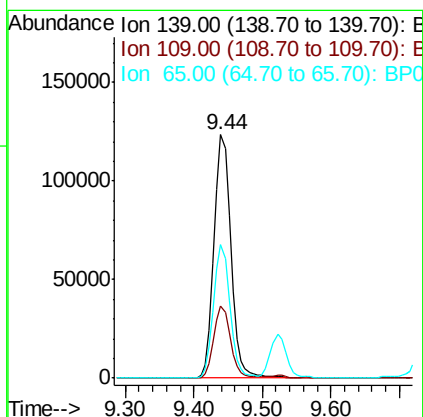
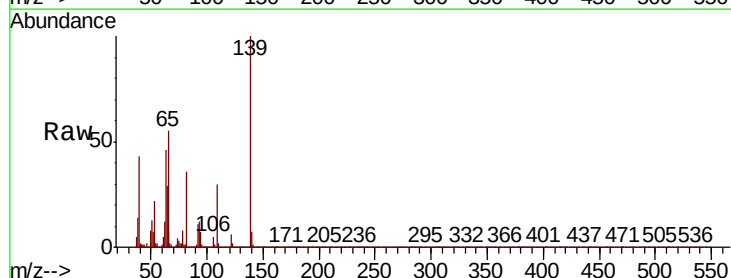
Instrument :
BNA_P
ClientSampleId :

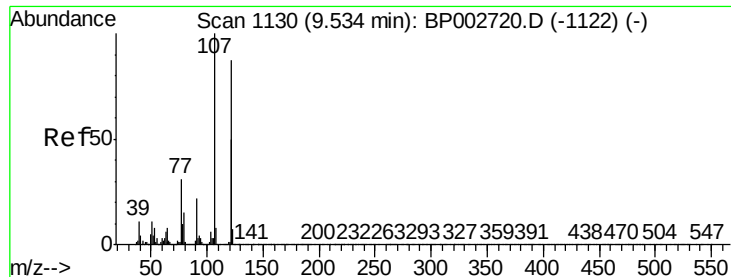
Tot Ion	82	Resp	825488
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.2	7.8
138	16.5	13.2	19.8



#26
2-Nitrophenol
Concen: 45.814 ng
RT: 9.44 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion	139	Resp	212903
Ion Ratio	Lower	Upper	
139	100		
109	29.7	21.9	32.9
65	55.0	41.3	61.9

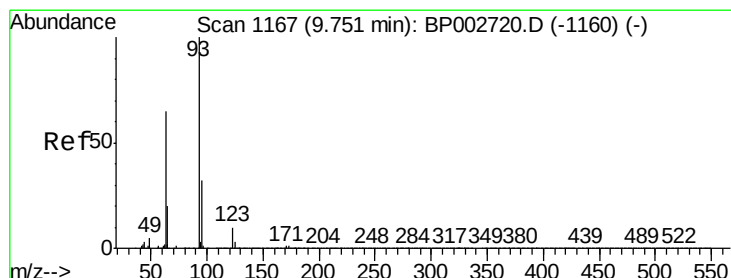
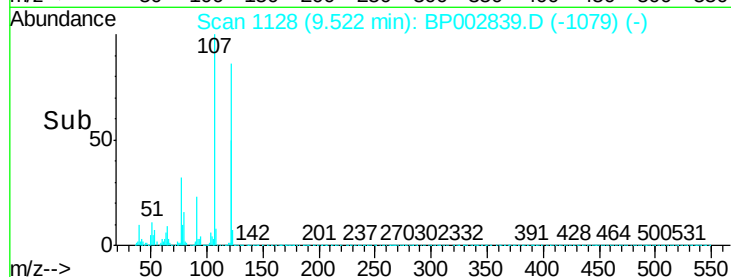
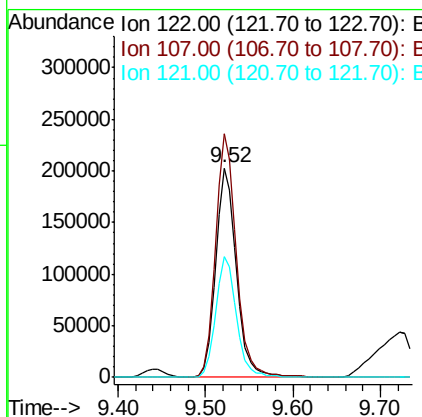
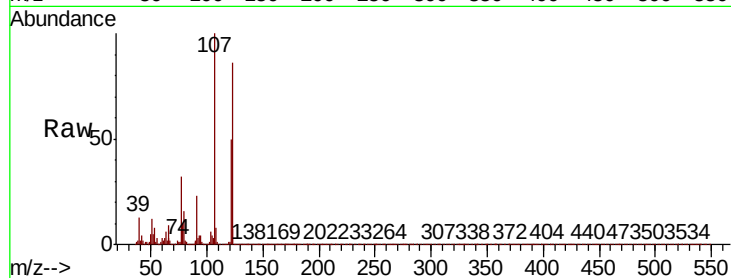




#27
2,4-Dimethylphenol
Concen: 43.983 ng
RT: 9.52 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

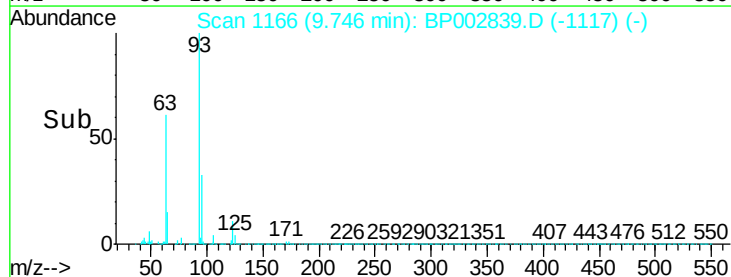
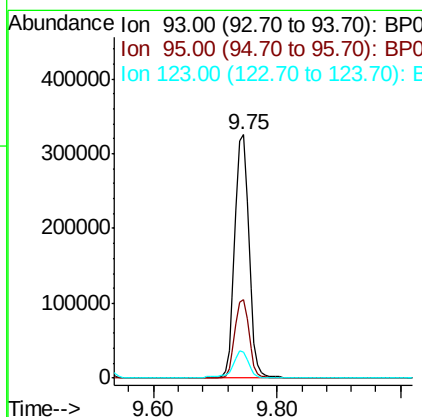
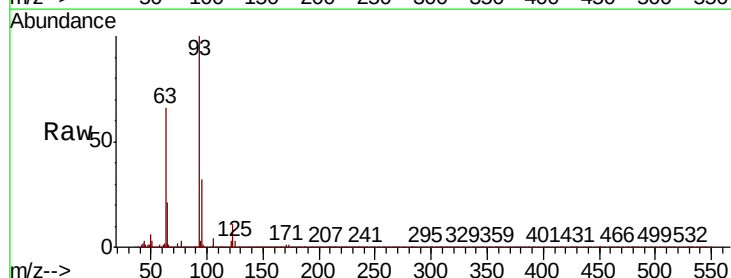
Instrument :
BNA_P
ClientSampleId :

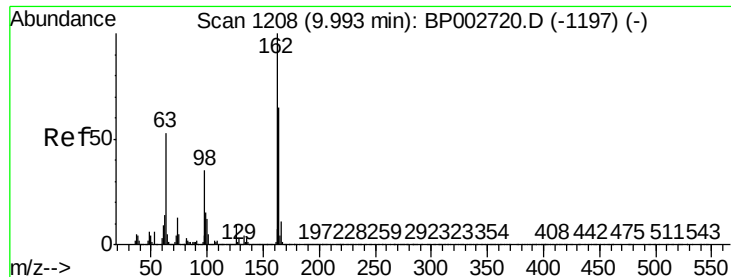
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.3	92.2	138.4
121	57.8	45.8	68.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.168 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	25.8	38.6
123	10.7	8.9	13.3

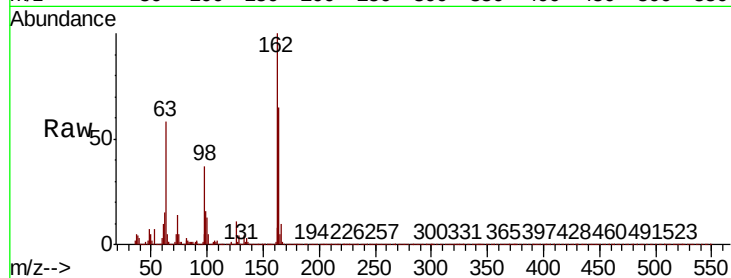




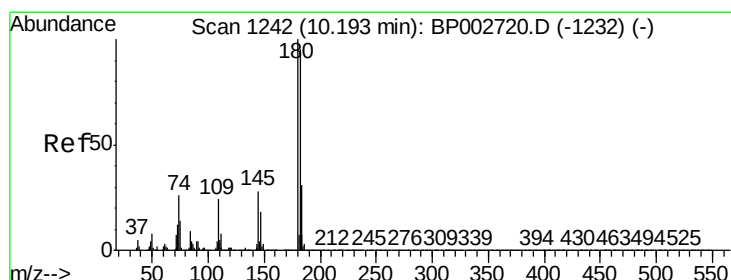
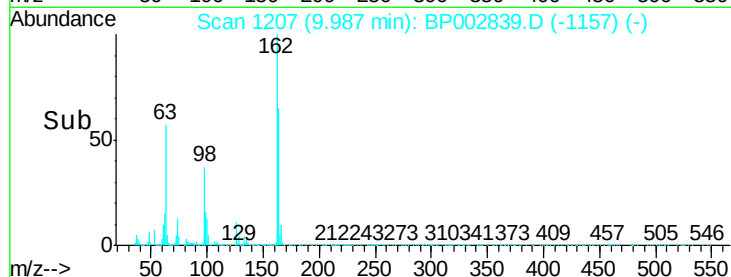
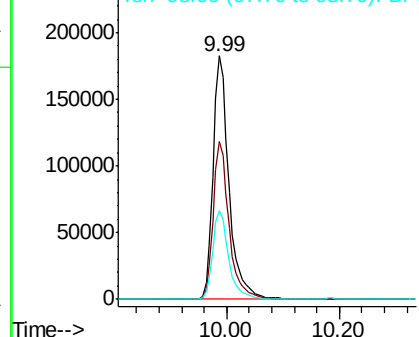
#29
2,4-Dichlorophenol
Concen: 42.858 ng
RT: 9.99 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.5	84.5
98	36.6	15.2	55.2

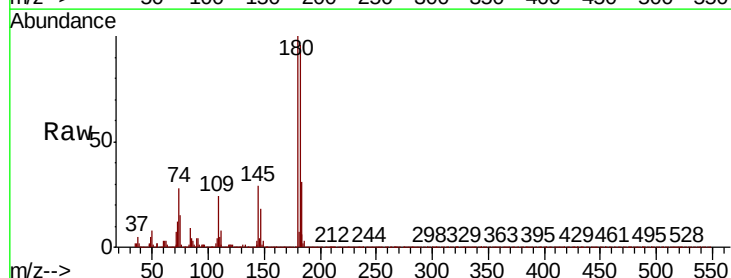


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BP0

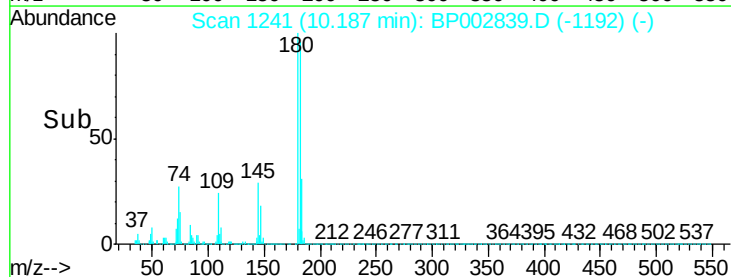
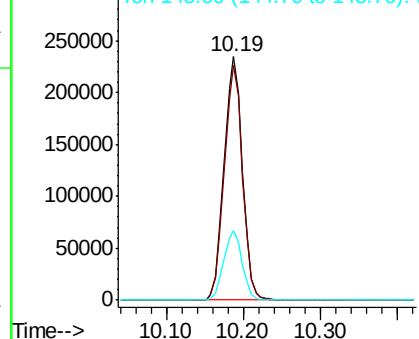


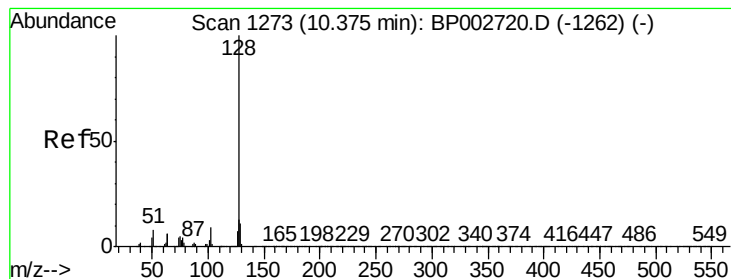
#30
1,2,4-Trichlorobenzene
Concen: 40.483 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.6
145	28.8	22.6	34.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.836 ng

RT: 10.36 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

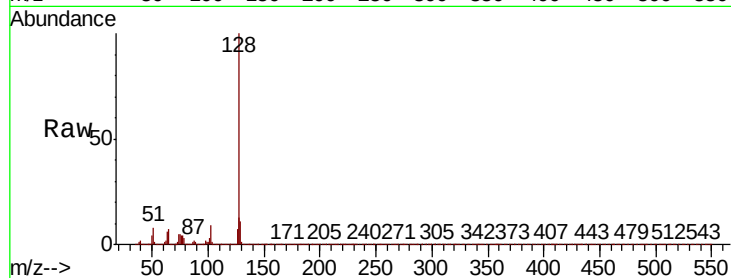
Instrument :

BNA_P

ClientSampleId :

Tot Ion:128 Resp: 1117519

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	13.0
127	13.2	10.6	15.8

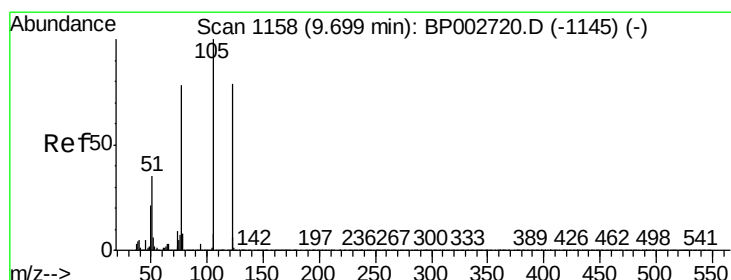
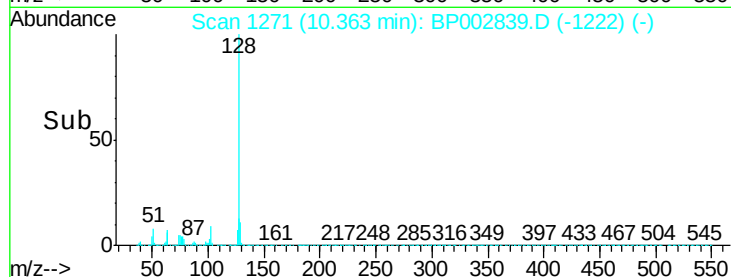
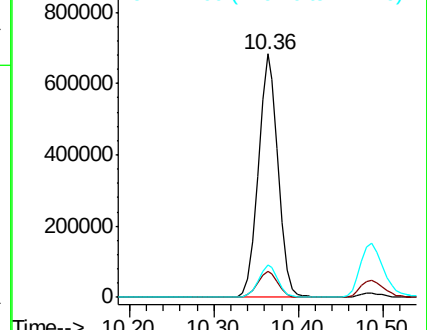


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.109 ng

RT: 9.72 min Scan# 1162

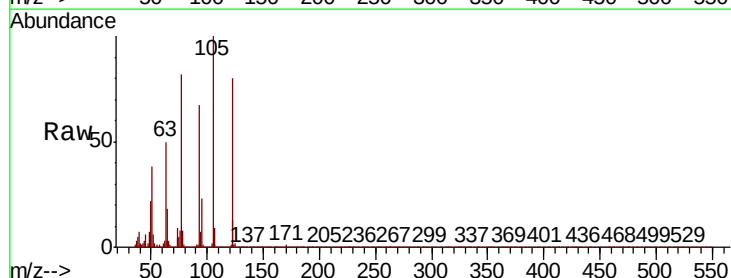
Delta R.T. 0.02 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Tgt Ion:122 Resp: 144039

Ion	Ratio	Lower	Upper
122	100		
105	124.4	105.4	145.4
77	102.5	78.5	118.5

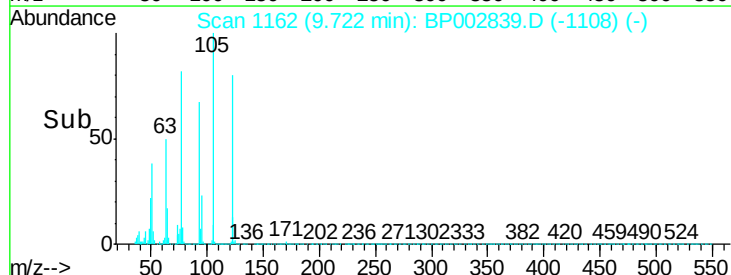
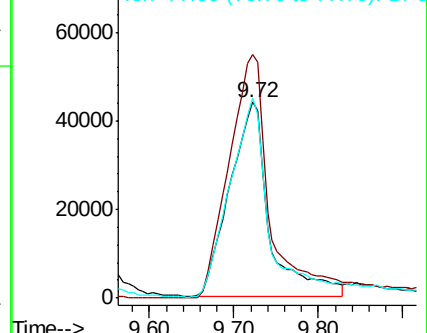


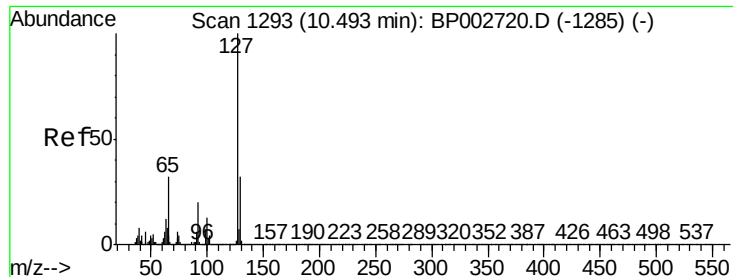
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

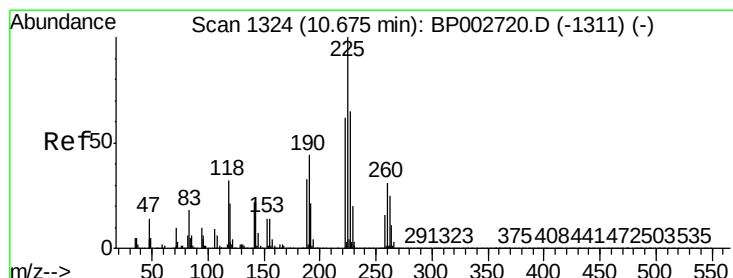
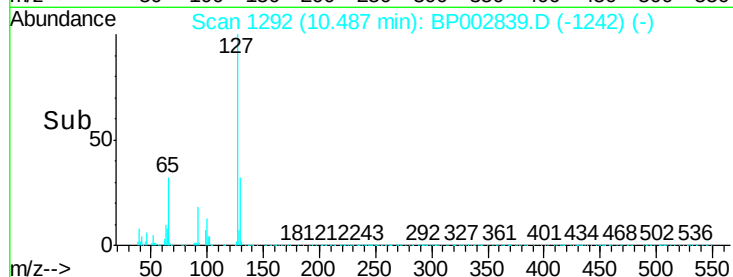
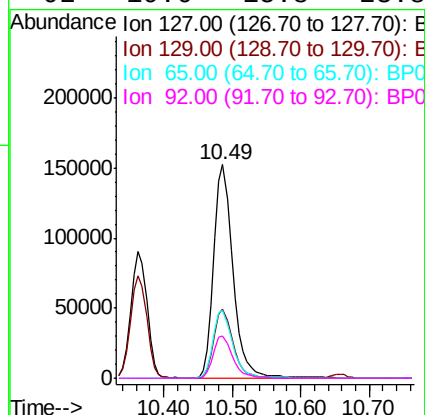
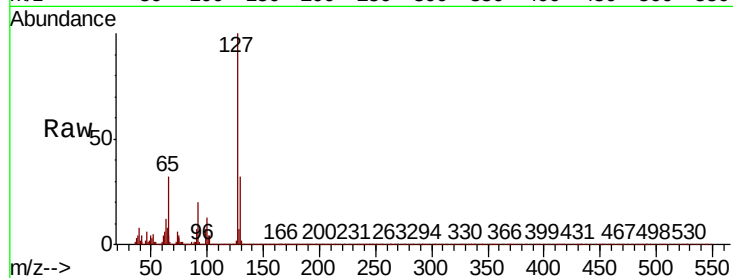




#33
4-Chloroaniline
Concen: 24.831 ng
RT: 10.49 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

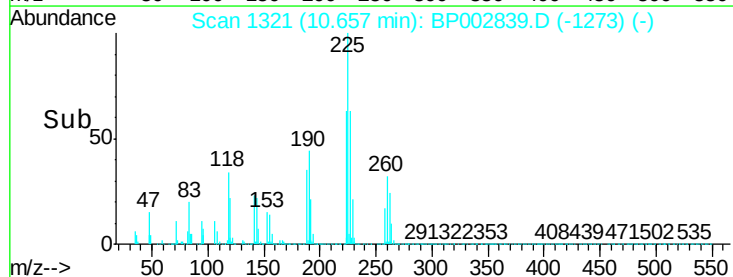
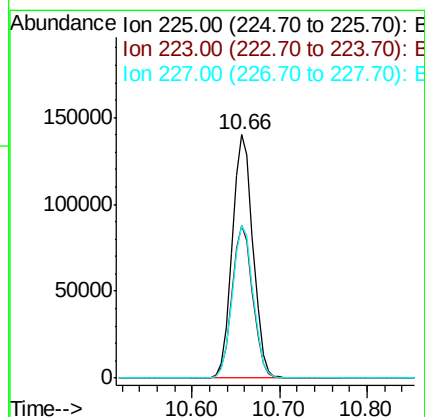
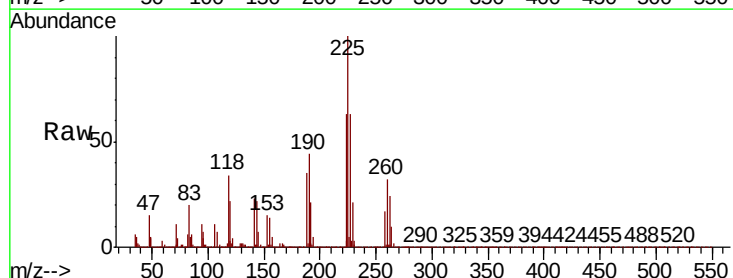
Instrument :
BNA_P
ClientSampleId :

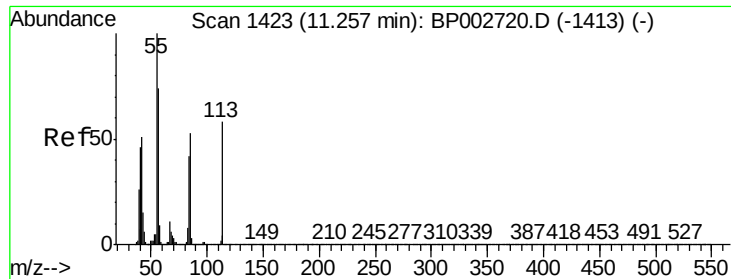
Tot Ion:	127	Resp:	298482
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.3	37.9
65	32.0	25.4	38.2
92	19.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 40.983 ng
RT: 10.66 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion:	225	Resp:	225683
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	62.9	51.8	77.6

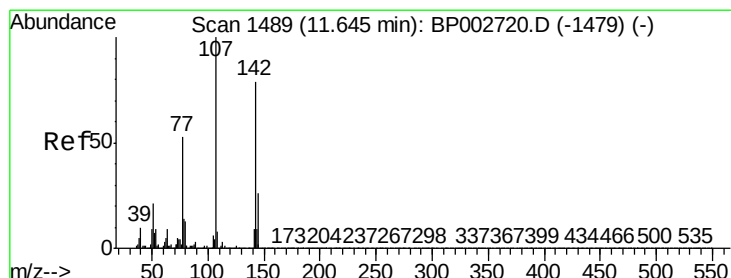
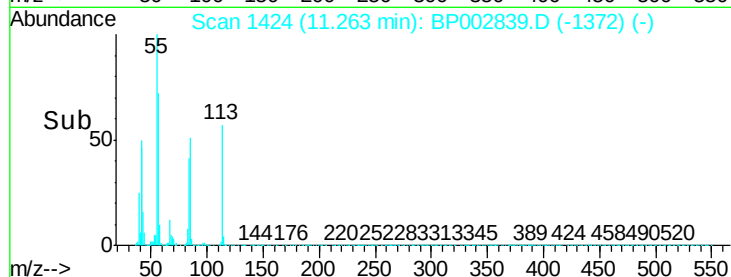
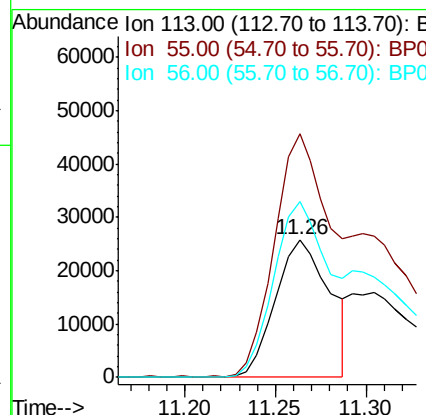
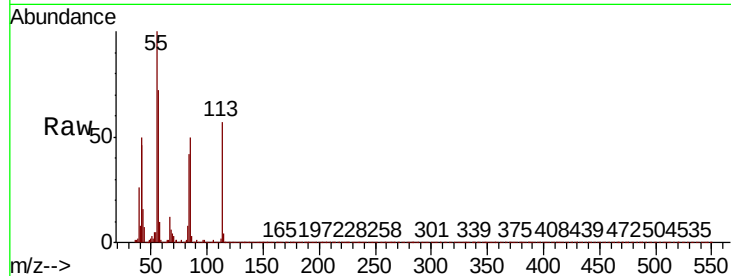




#35
 Caprolactam
 Concen: 18.543 ng
 RT: 11.26 min Scan# 1424
 Delta R.T. 0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

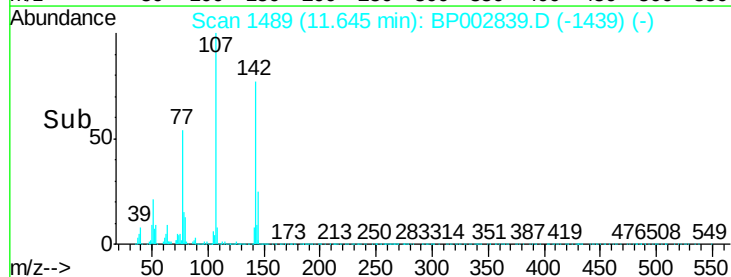
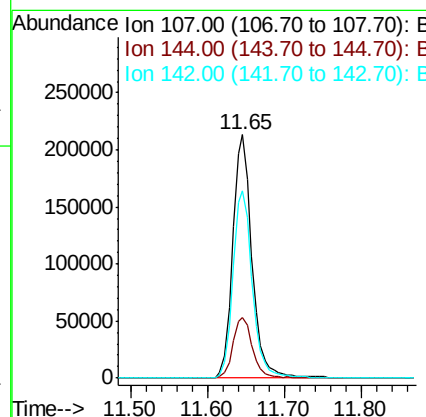
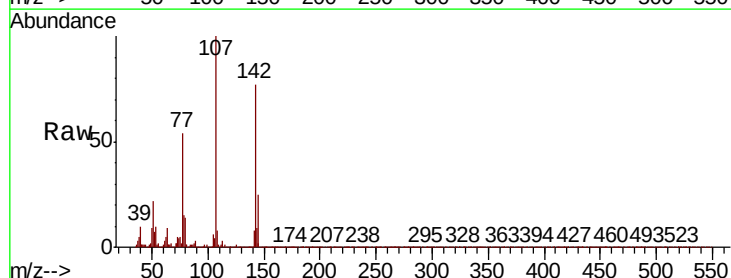
Instrument :
 BNA_P
 ClientSampled :

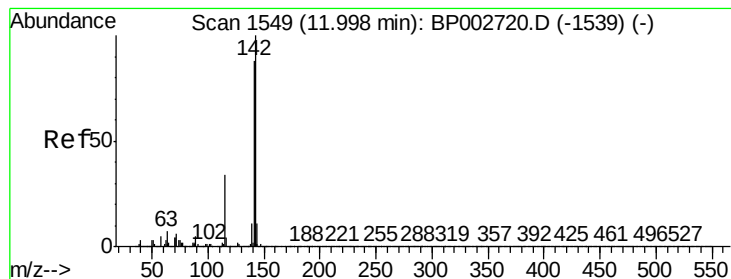
Tot Ion:113 Resp: 53929
 Ion Ratio Lower Upper
 113 100
 55 176.5 152.8 192.8
 56 127.6 107.5 147.5



#36
 4-Chloro-3-methylphenol
 Concen: 41.383 ng
 RT: 11.65 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

Tgt Ion:107 Resp: 371044
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.6 30.8
 142 77.0 63.4 95.2





#37

2-Methylnaphthalene

Concen: 40.074 ng

RT: 11.99 min Scan# 1548

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

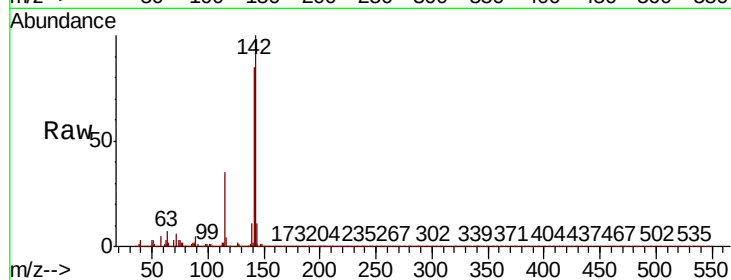
Tot Ion:142 Resp: 793296

Ion Ratio Lower Upper

142 100

141 84.9 70.4 105.6

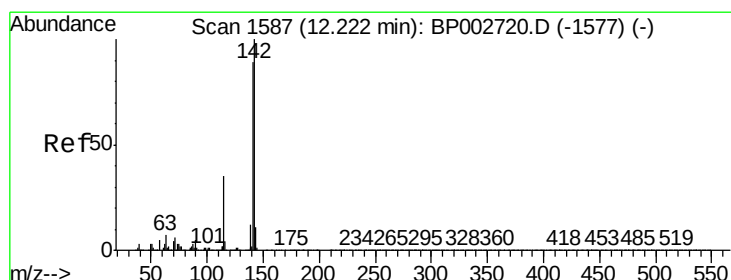
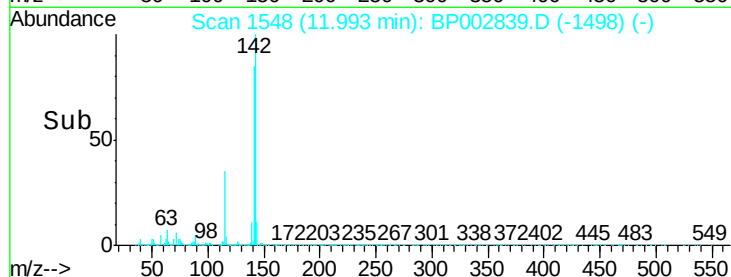
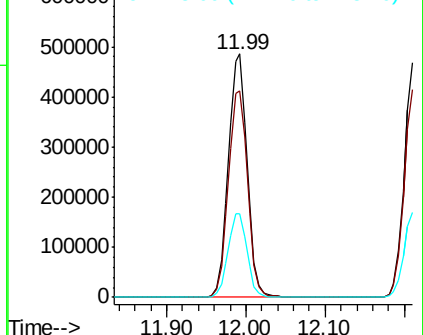
115 34.6 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.541 ng

RT: 12.21 min Scan# 1585

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

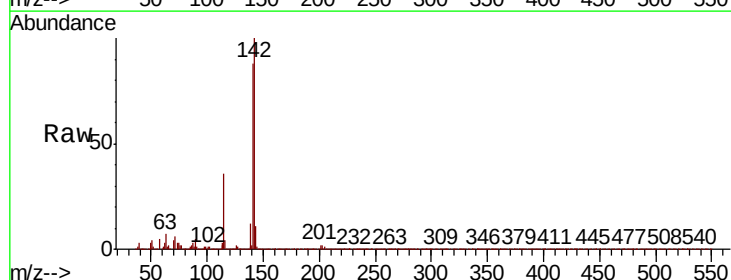
Tgt Ion:142 Resp: 740335

Ion Ratio Lower Upper

142 100

141 88.3 71.5 107.3

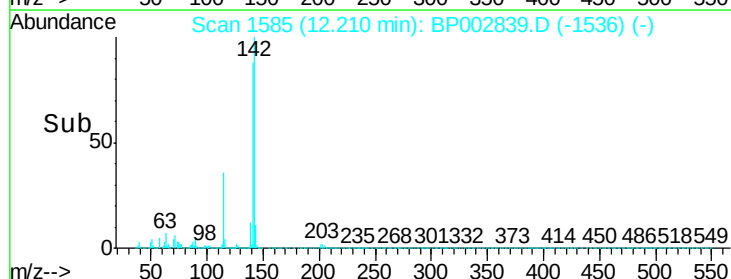
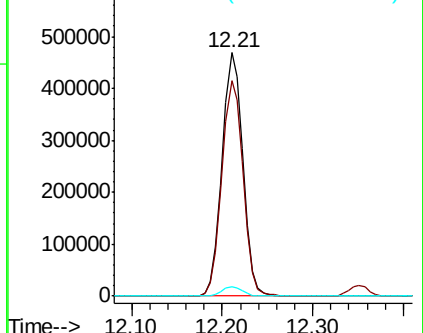
116 3.8 2.9 4.3

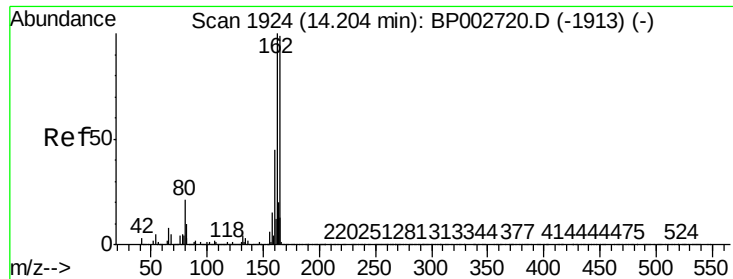


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

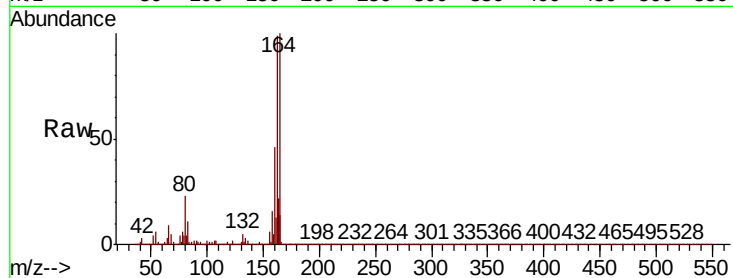
Tot Ion:164 Resp: 296963

Ion Ratio Lower Upper

164 100

162 98.9 80.6 121.0

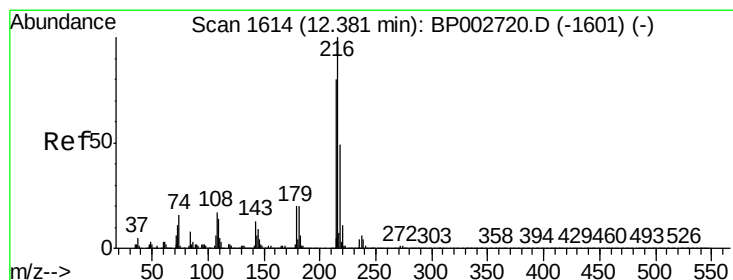
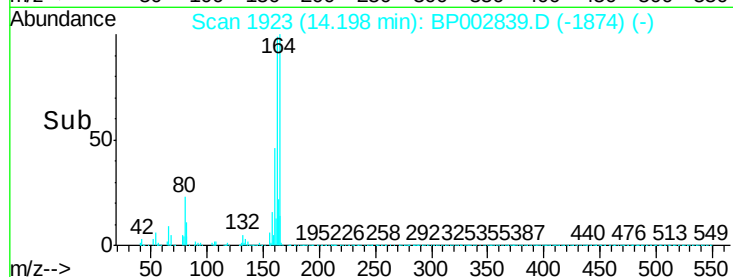
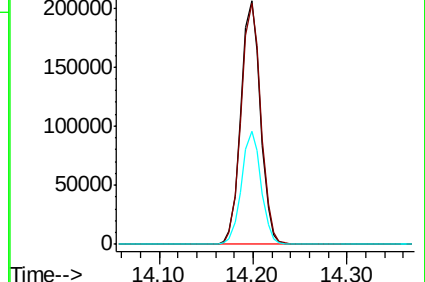
160 46.4 36.4 54.6



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: 43.820 ng

RT: 12.37 min Scan# 1613

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Tgt Ion:216 Resp: 399922

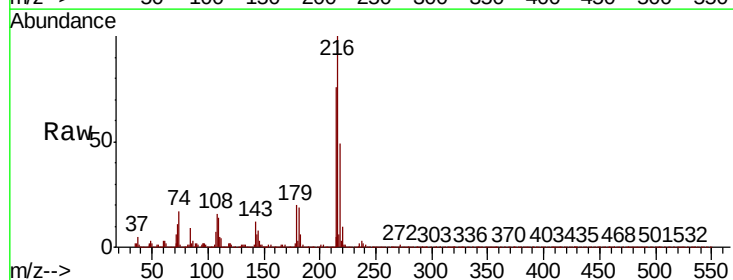
Ion Ratio Lower Upper

216 100

214 76.5 63.4 95.2

179 19.9 16.2 24.2

108 18.7 14.8 22.2

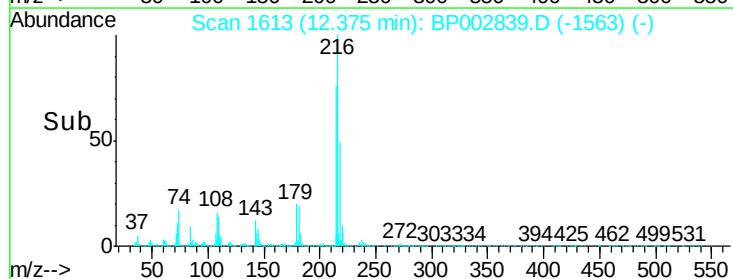
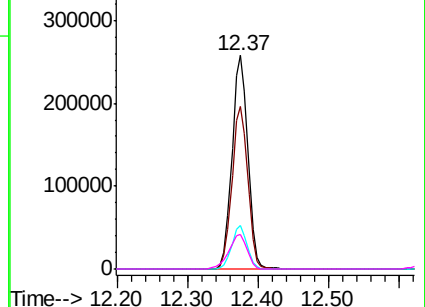


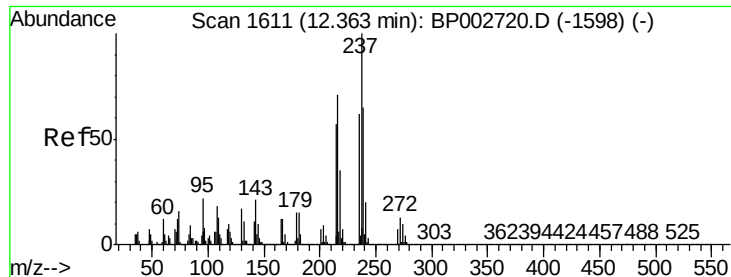
Abundance Ion 216.00 (215.70 to 216.70): E

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

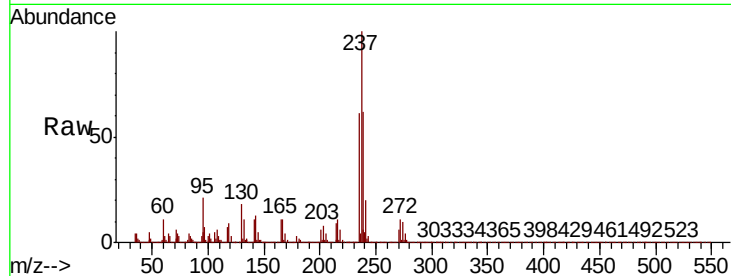




#41
Hexachlorocyclopentadiene
Concen: 65.127 ng
RT: 12.35 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.3	82.3
272	11.4	0.0	32.5

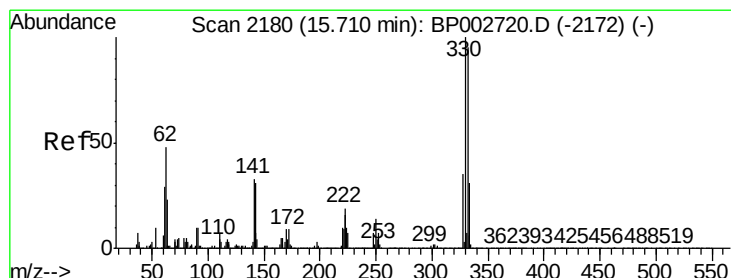
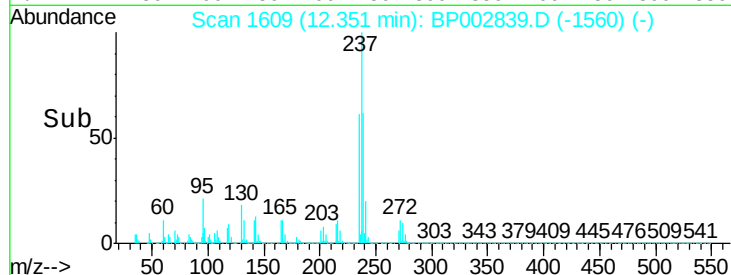
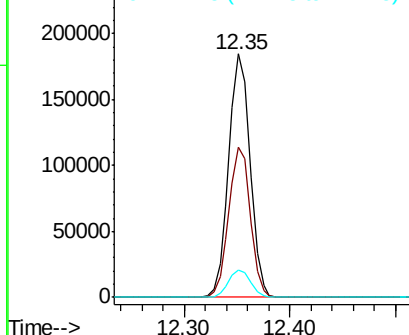


Abundance

Ion 236.80 (236.50 to 237.50): E

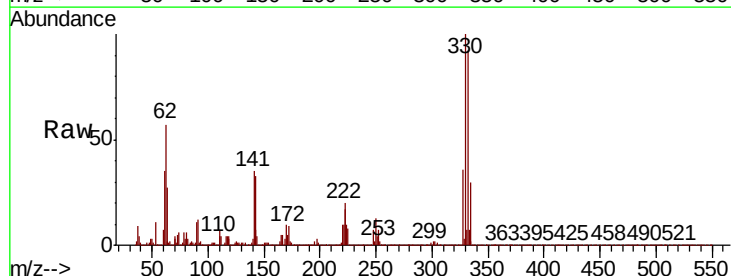
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 106.622 ng
RT: 15.70 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.5	114.7
141	35.3	28.8	43.2

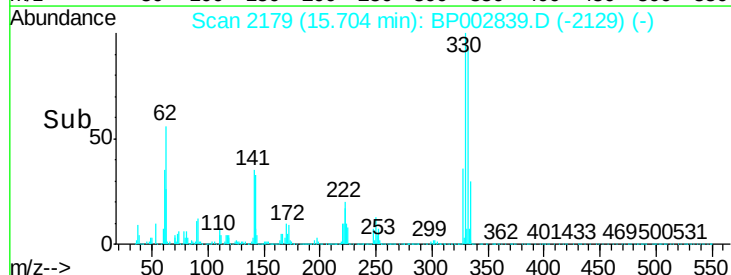
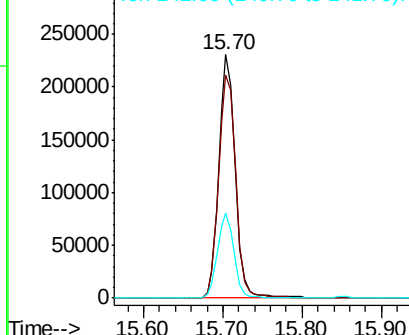


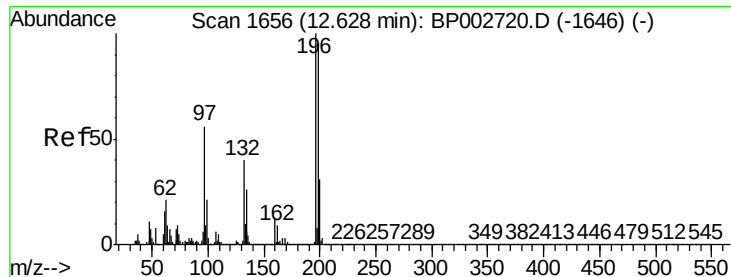
Abundance

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

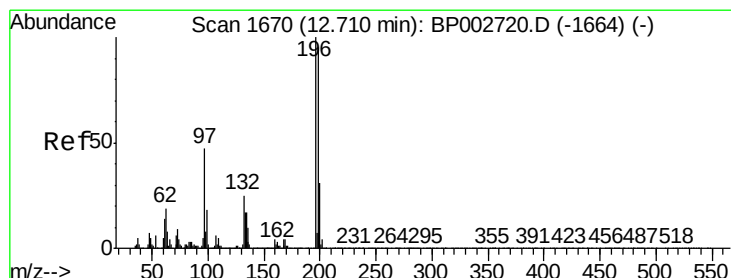
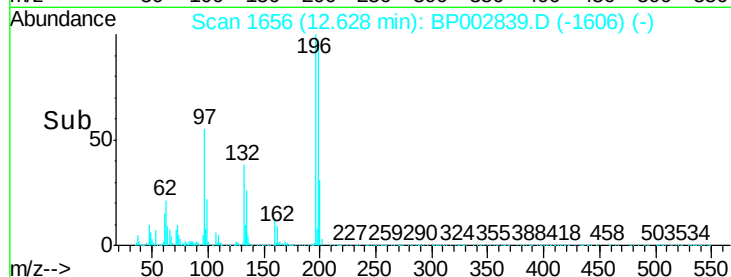
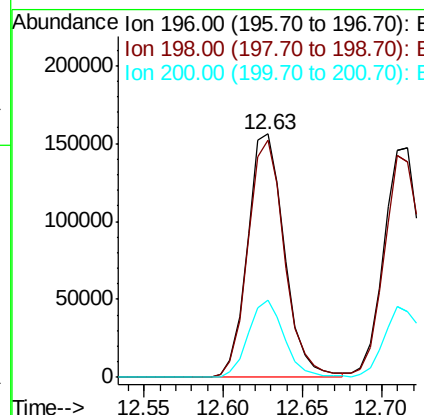
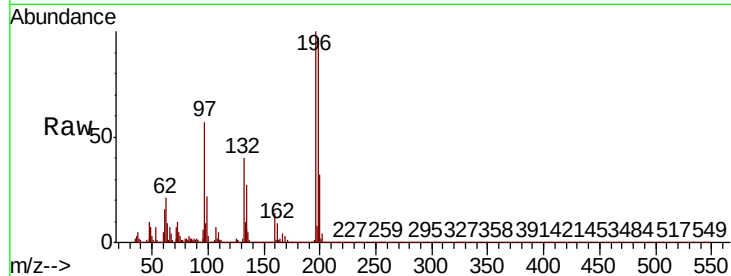




#43
2,4,6-Trichlorophenol
Concen: 43.136 ng
RT: 12.63 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

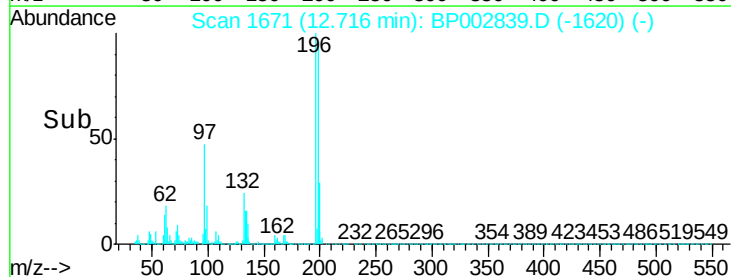
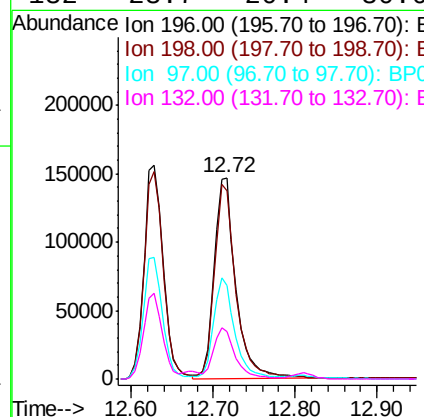
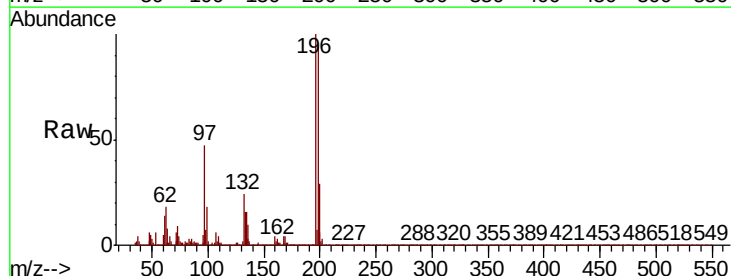
Instrument :
BNA_P
ClientSampleId :

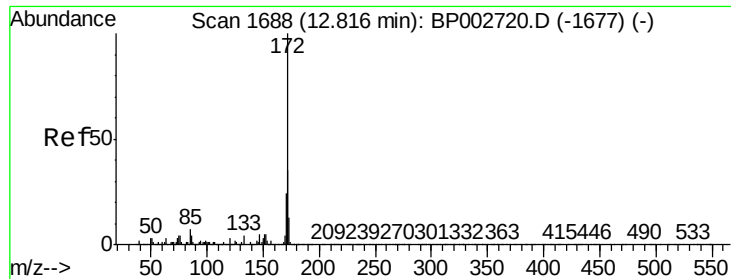
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.8	113.6
200	31.5	24.5	36.7



#44
2,4,5-Trichlorophenol
Concen: 39.933 ng
RT: 12.72 min Scan# 1671
Delta R.T. 0.00 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.8	113.6
97	46.7	38.0	57.0
132	23.7	20.4	30.6

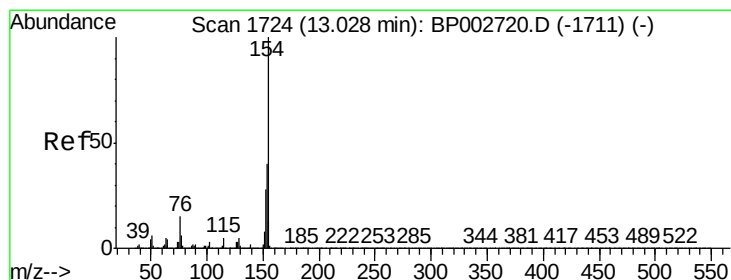
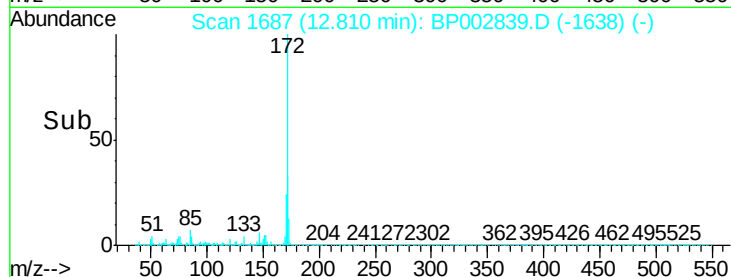
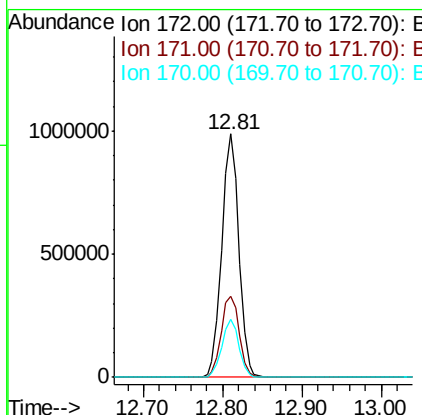
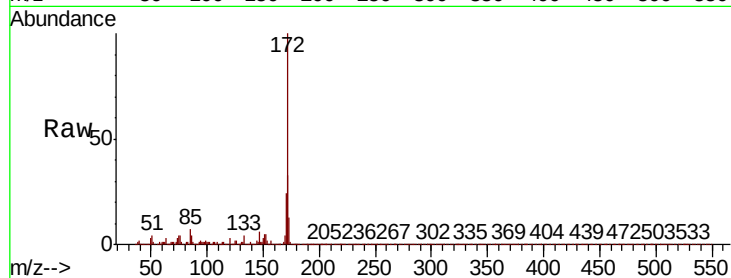




#45
2-Fluorobiphenyl
Concen: 76.905 ng
RT: 12.81 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

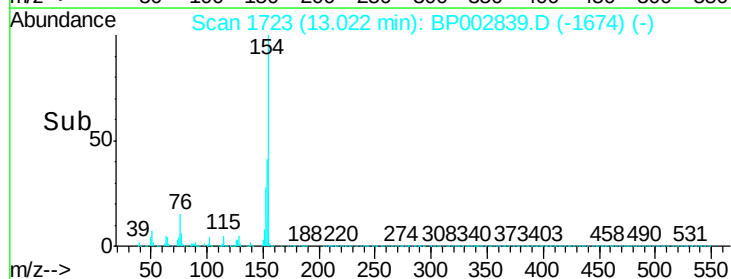
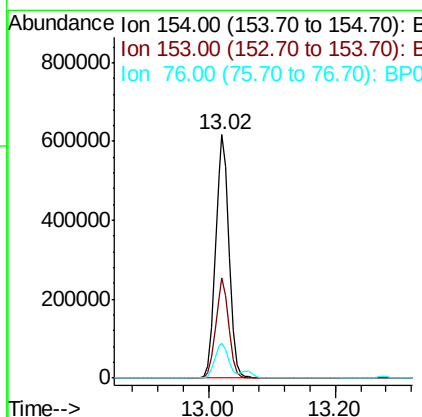
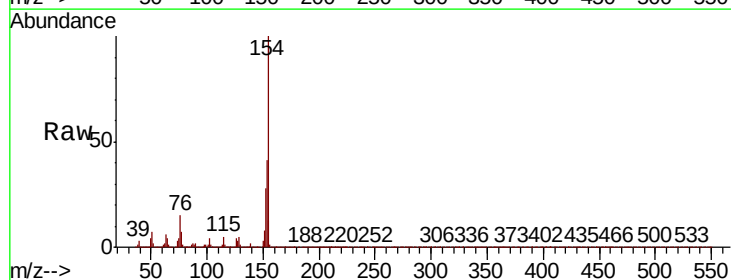
Instrument :
BNA_P
ClientSampleId :

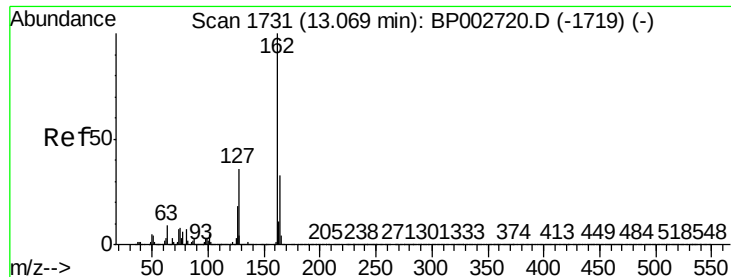
Tot Ion:172 Resp: 1476293
Ion Ratio Lower Upper
172 100
171 33.4 28.1 42.1
170 23.7 19.3 28.9



#46
1,1'-Biphenyl
Concen: 42.148 ng
RT: 13.02 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion:154 Resp: 933119
Ion Ratio Lower Upper
154 100
153 41.1 19.8 59.8
76 14.6 0.0 34.7

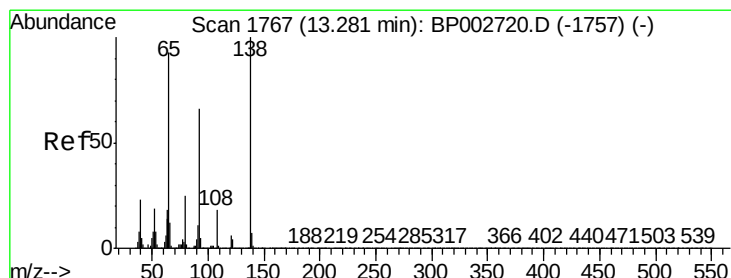
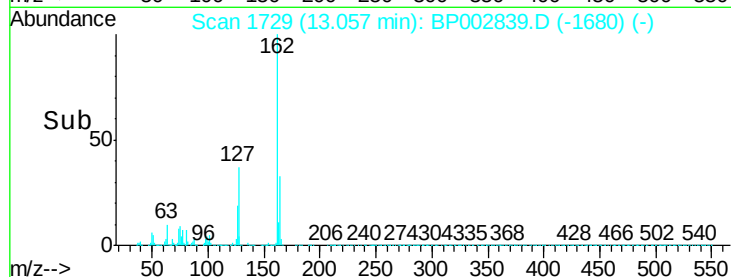
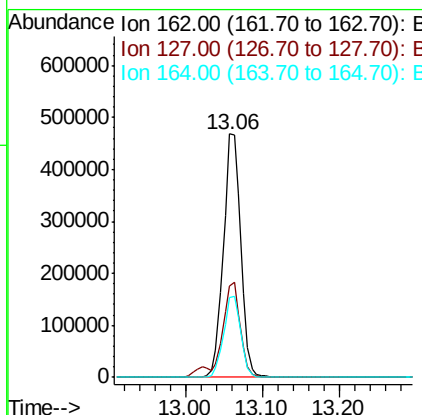
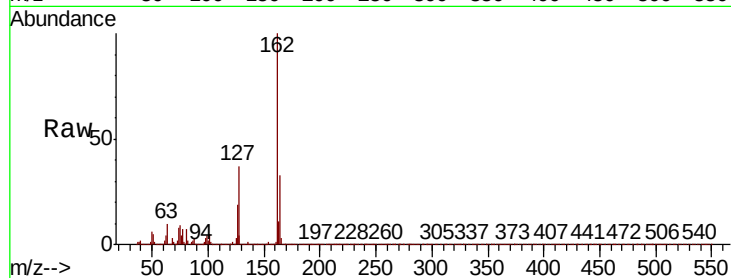




#47
2-Chloronaphthalene
Concen: 40.870 ng
RT: 13.06 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

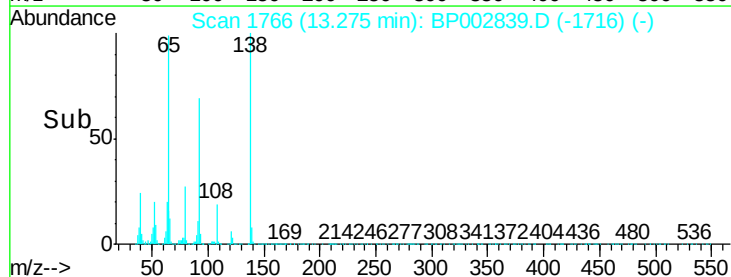
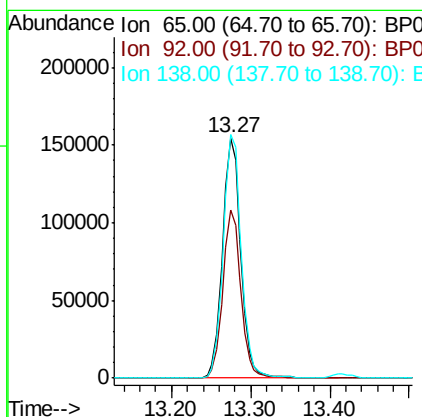
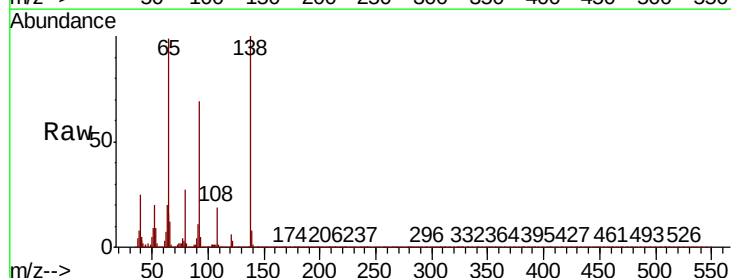
Instrument :
BNA_P
ClientSampleId :

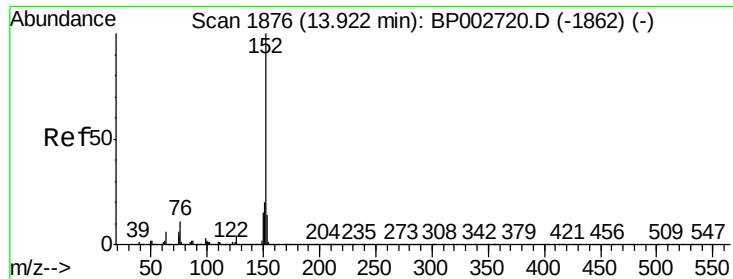
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	29.0	43.4
164	32.7	26.8	40.2



#48
2-Nitroaniline
Concen: 44.405 ng
RT: 13.27 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	57.0	85.6
138	101.3	86.0	129.0





#49

Acenaphthylene

Concen: 40.519 ng

RT: 13.92 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

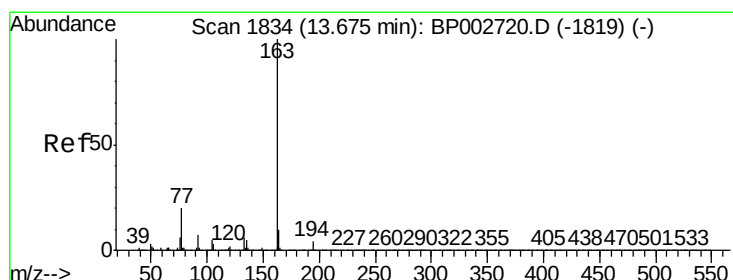
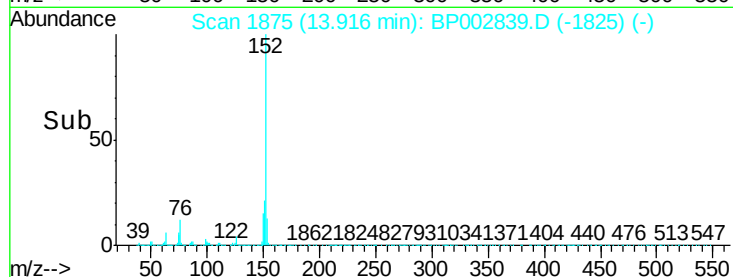
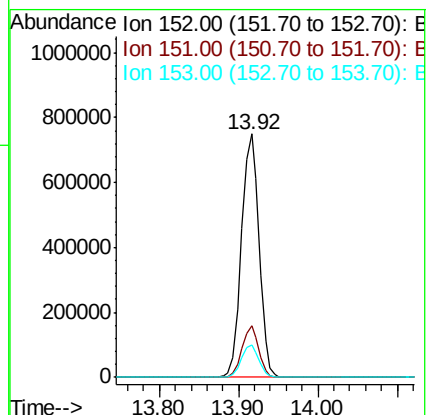
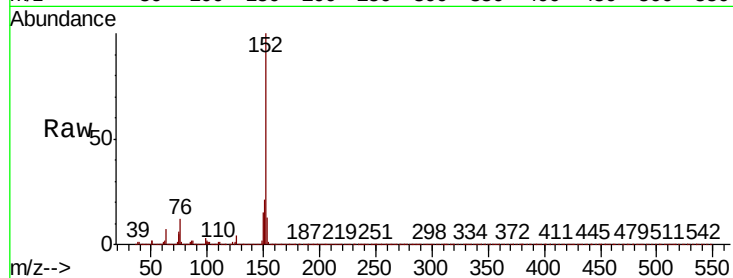
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1148603

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.4
153	13.5	10.9	16.3



#50

Dimethylphthalate

Concen: 39.780 ng

RT: 13.67 min Scan# 1833

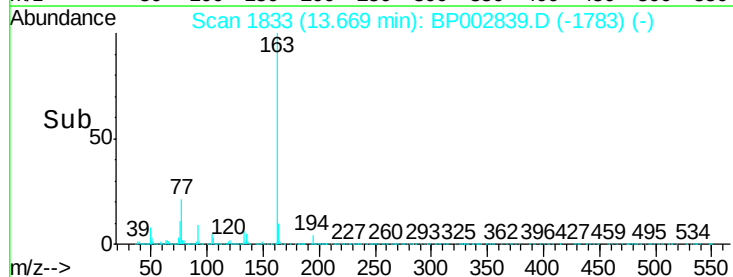
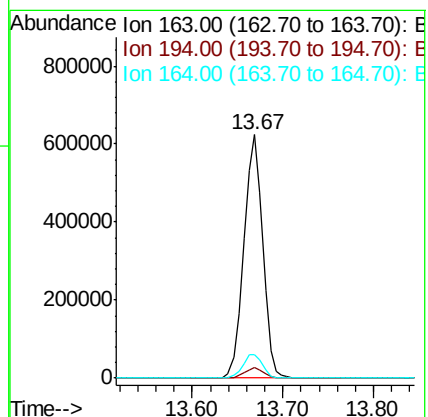
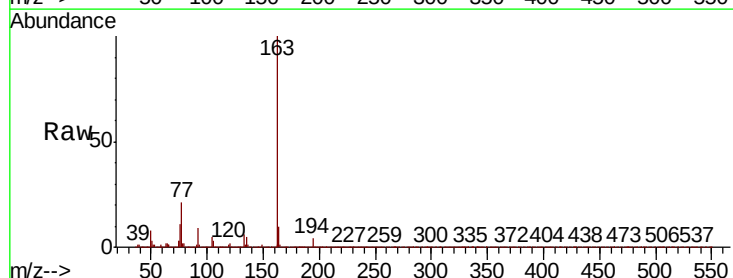
Delta R.T. -0.01 min

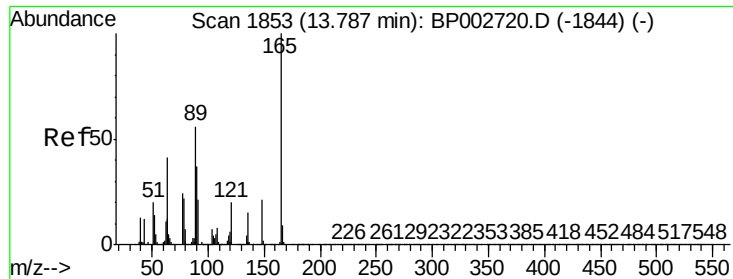
Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Tgt Ion:163 Resp: 900919

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.8	7.8	11.8





#51

2,6-Dinitrotoluene

Concen: 40.708 ng

RT: 13.79 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

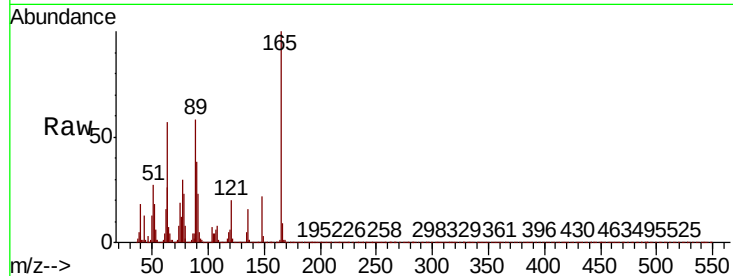
Tot Ion:165 Resp: 197375

Ion Ratio Lower Upper

165 100

63 57.3 43.2 64.8

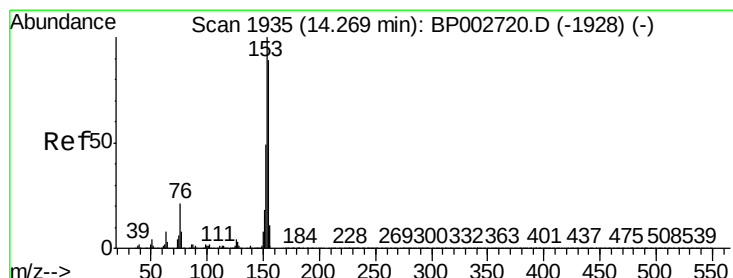
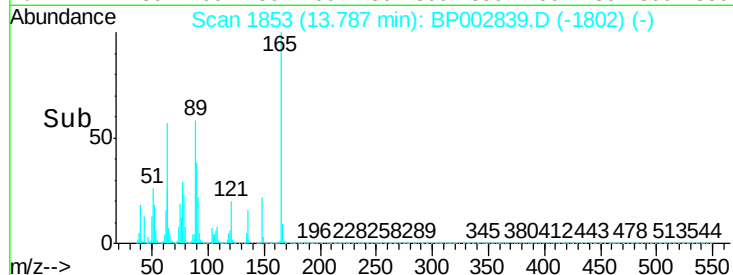
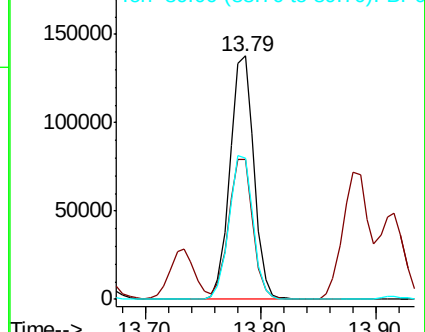
89 57.9 44.6 67.0



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: 40.285 ng

RT: 14.26 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

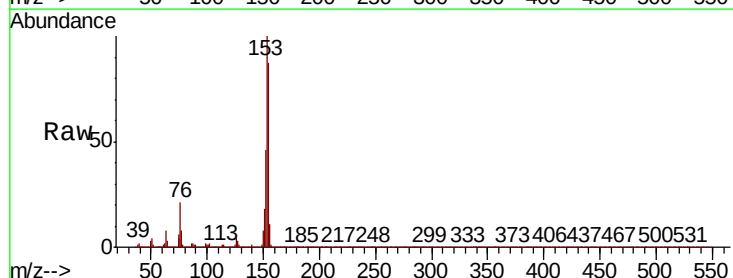
Tgt Ion:154 Resp: 682489

Ion Ratio Lower Upper

154 100

153 114.5 90.1 135.1

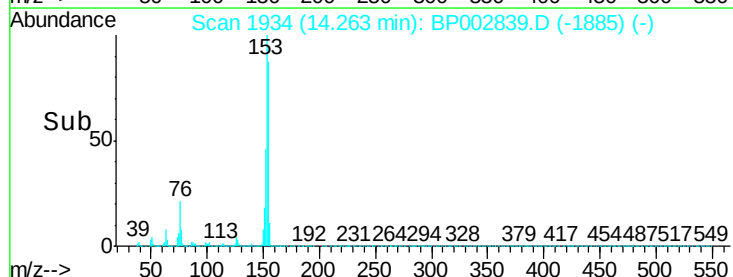
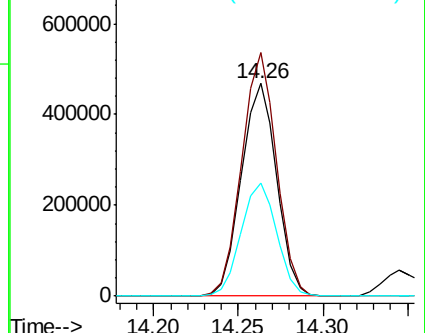
152 53.1 43.8 65.6

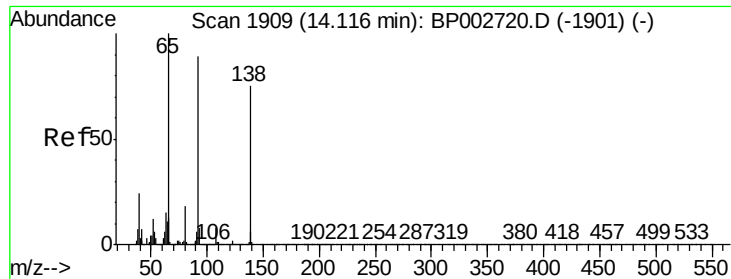


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

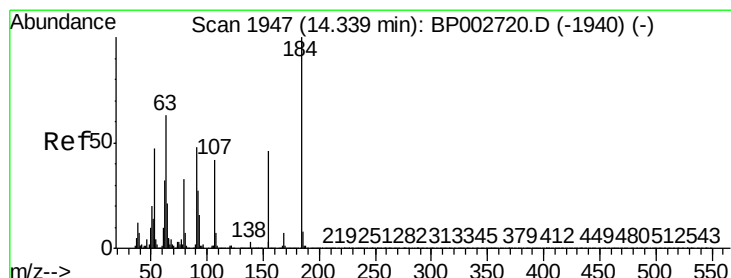
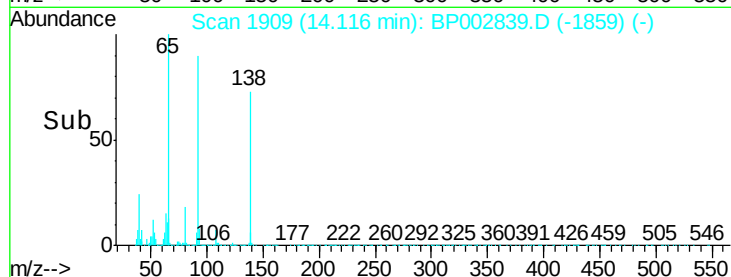
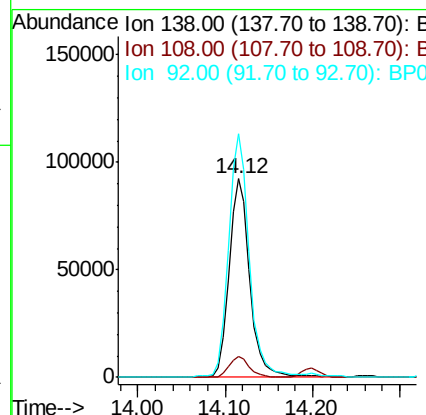
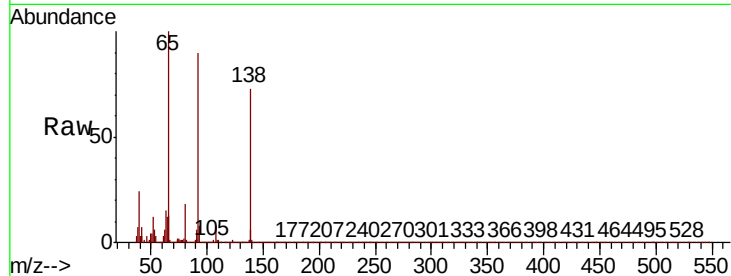




#53
 3-Nitroaniline
 Concen: 27.713 ng
 RT: 14.12 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

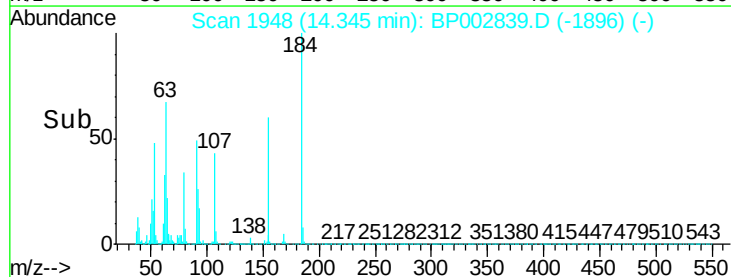
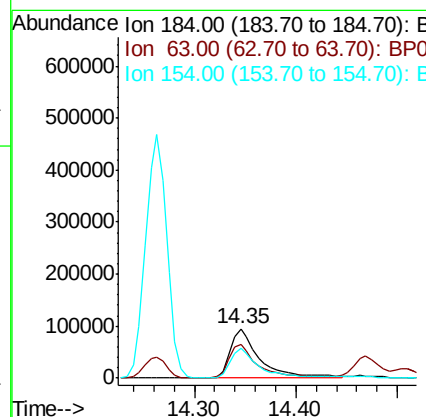
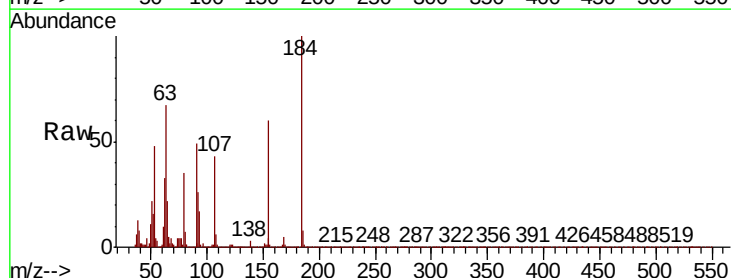
Instrument :
 BNA_P
 ClientSampleId :

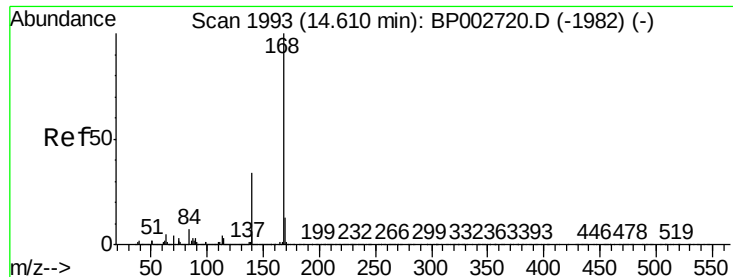
Tot Ion:138 Resp: 150334
 Ion Ratio Lower Upper
 138 100
 108 10.4 8.2 12.2
 92 122.8 94.3 141.5



#54
 2,4-Dinitrophenol
 Concen: 72.135 ng
 RT: 14.35 min Scan# 1948
 Delta R.T. 0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

Tgt Ion:184 Resp: 191573
 Ion Ratio Lower Upper
 184 100
 63 67.0 51.6 77.4
 154 59.6 45.0 67.6





#55

Dibenzofuran

Concen: 38.698 ng

RT: 14.60 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

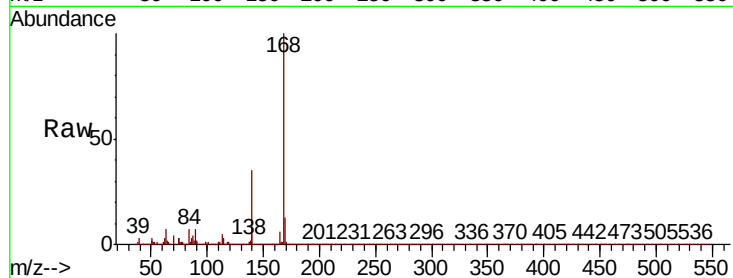
Tot Ion:168 Resp: 1051467

Ion	Ratio	Lower	Upper
168	100		
139	35.0	27.1	40.7
169	13.1	10.8	16.2

168 100

139 35.0 27.1 40.7

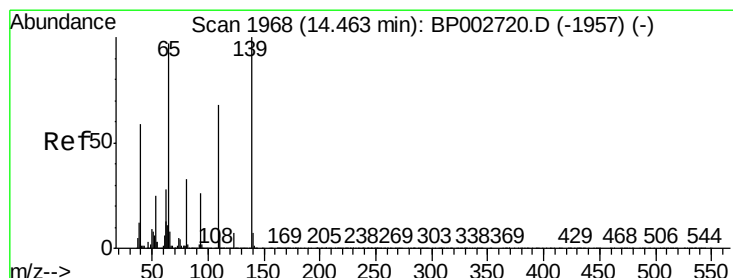
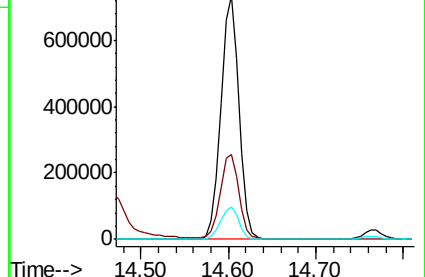
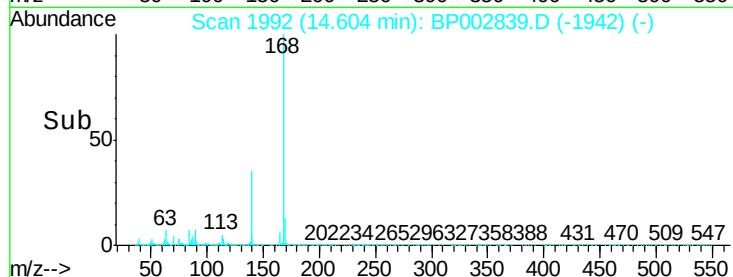
169 13.1 10.8 16.2



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: 62.600 ng

RT: 14.47 min Scan# 1969

Delta R.T. 0.00 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

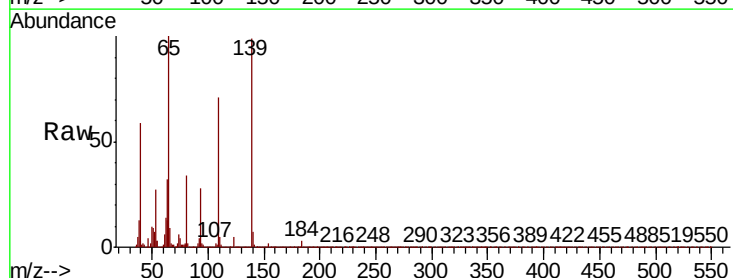
Tgt Ion:139 Resp: 267109

Ion	Ratio	Lower	Upper
139	100		
109	71.5	48.1	88.1
65	100.9	77.9	117.9

139 100

109 71.5 48.1 88.1

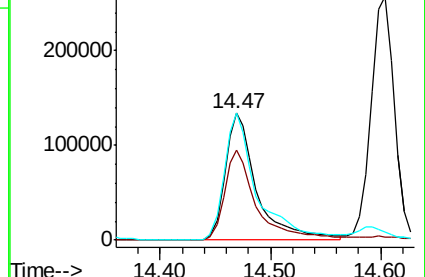
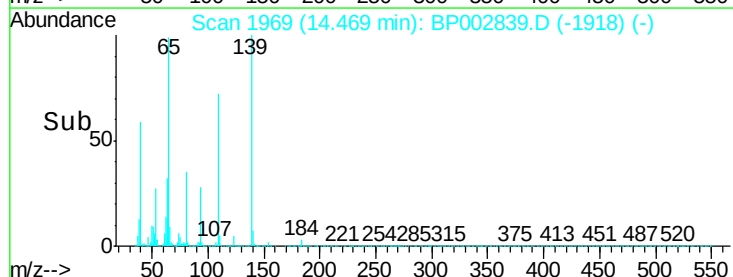
65 100.9 77.9 117.9

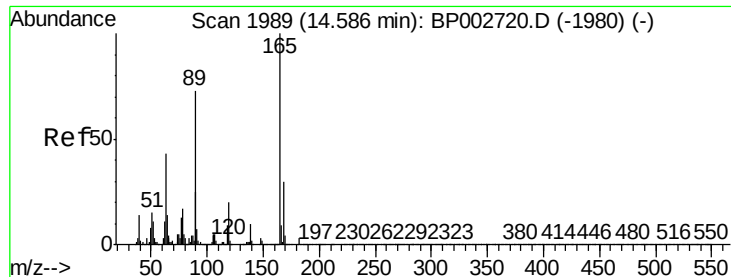


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#57

2,4-Dinitrotoluene

Concen: 40.441 ng

RT: 14.59 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

Tot Ion:165 Resp: 258232

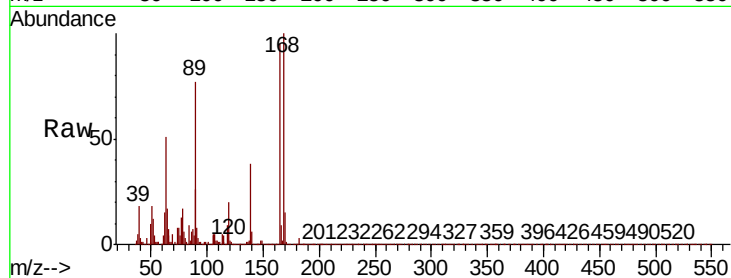
Ion Ratio Lower Upper

165 100

63 54.0 35.1 52.7#

89 80.6 58.4 87.6

182 2.7 2.2 3.2

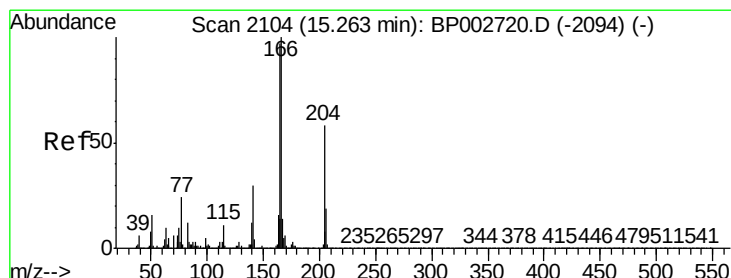
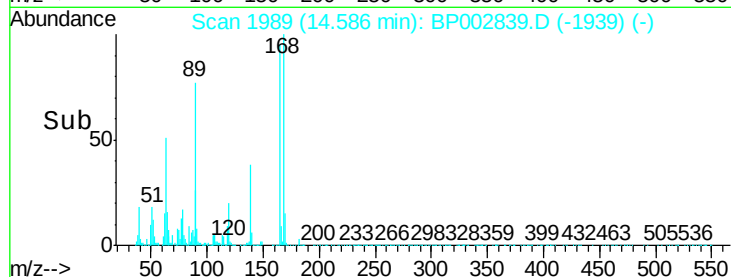
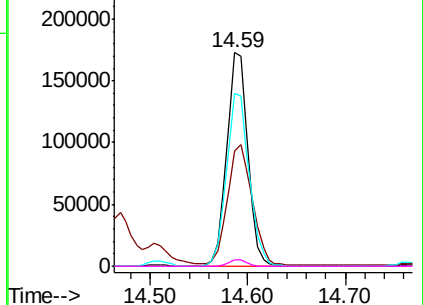


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 39.871 ng

RT: 15.26 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

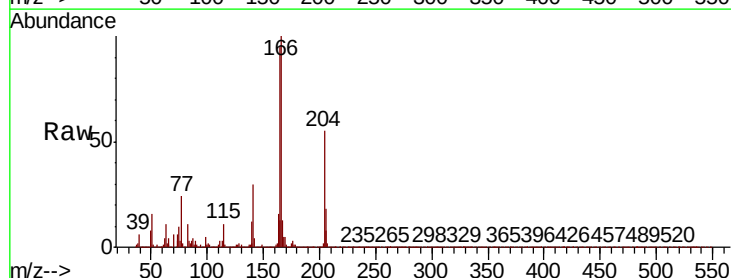
Tgt Ion:166 Resp: 801600

Ion Ratio Lower Upper

166 100

165 95.5 77.7 116.5

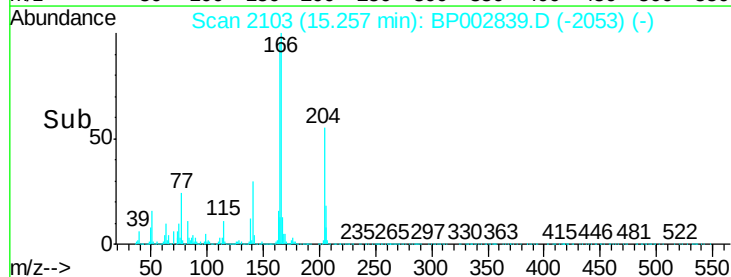
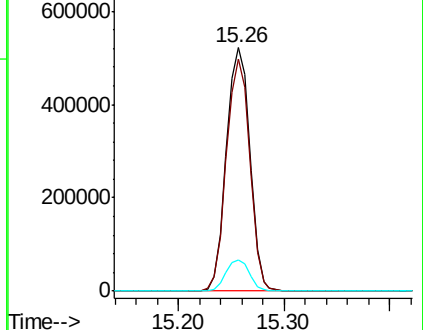
167 12.9 11.0 16.6

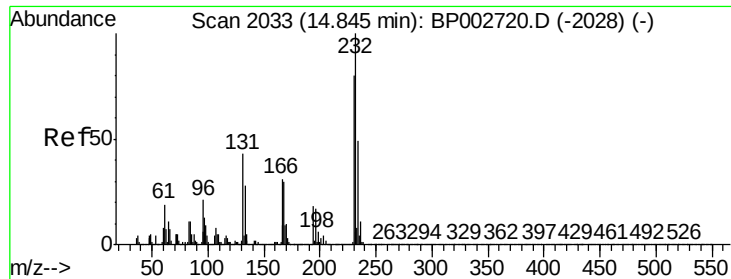


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

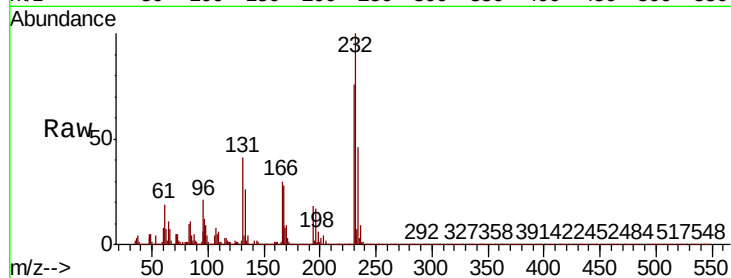




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.590 ng
 RT: 14.85 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:	232	Resp:	227466
Ion	Ratio	Lower	Upper
232	100		
131	39.2	34.3	51.5
130	2.0	1.8	2.6
166	28.2	24.0	36.0

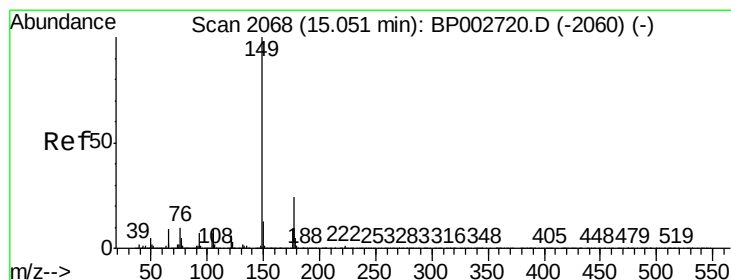
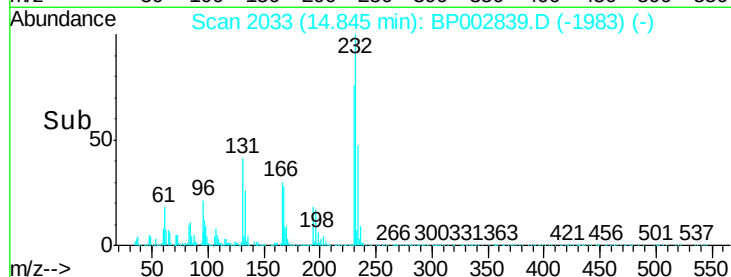
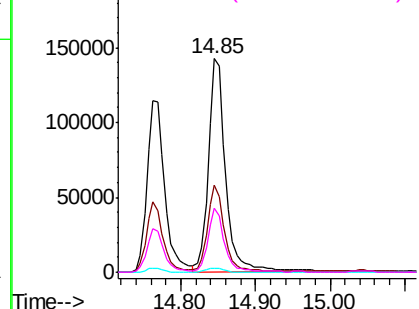


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

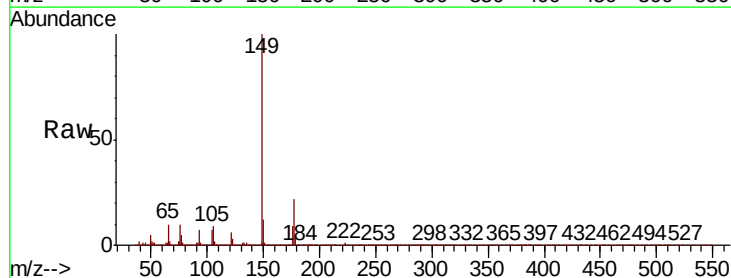
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.618 ng
 RT: 15.05 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

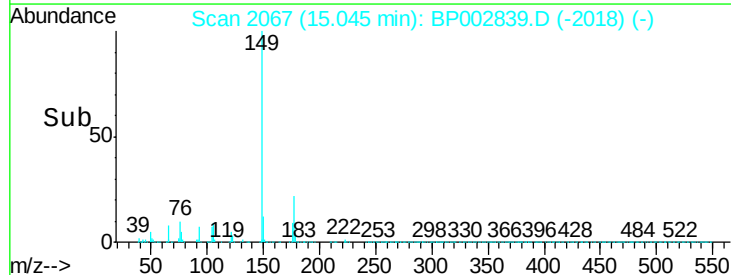
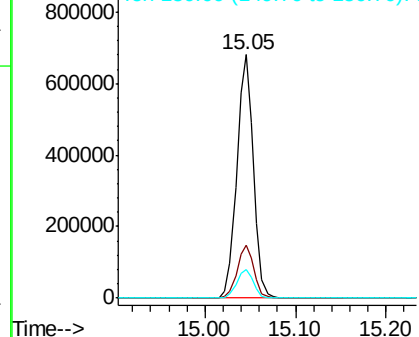
Tgt Ion:	149	Resp:	869934
Ion	Ratio	Lower	Upper
149	100		
177	21.9	18.9	28.3
150	11.8	10.1	15.1

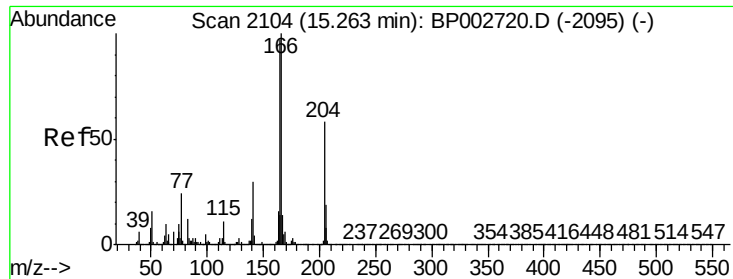


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 37.228 ng

RT: 15.26 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

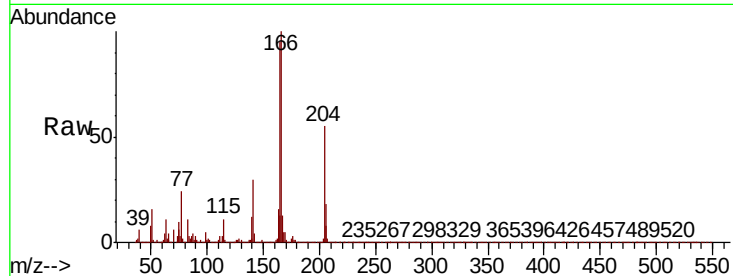
Instrument :

BNA_P

ClientSampled :

Tot Ion:204 Resp: 397697

Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.1	39.1
141	53.9	41.8	62.8



Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

15.26

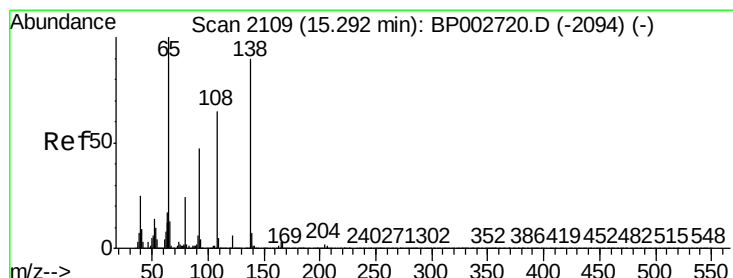
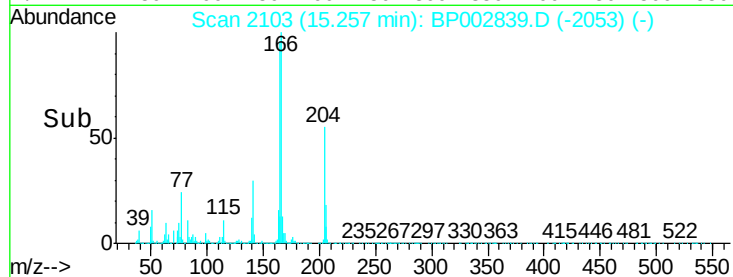
300000

200000

100000

0

Time-->



#62

4-Nitroaniline

Concen: 35.292 ng

RT: 15.29 min Scan# 2109

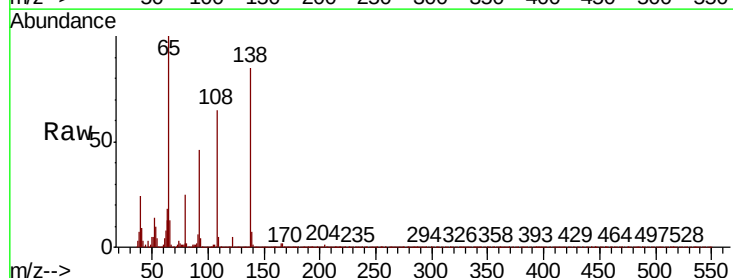
Delta R.T. 0.00 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Tgt Ion:138 Resp: 202329

Ion	Ratio	Lower	Upper
138	100		
92	54.4	32.0	72.0
108	76.8	52.2	92.2



Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E

15.29

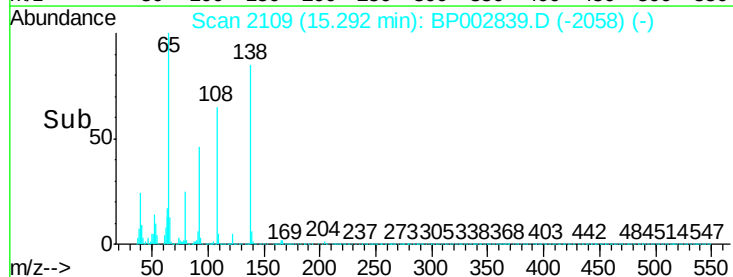
150000

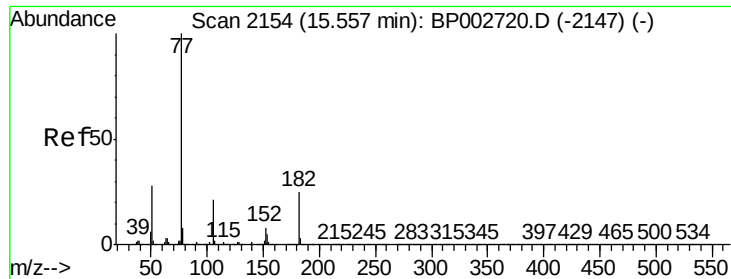
100000

50000

0

Time-->





#63

Azobenzene

Concen: 41.145 ng

RT: 15.55 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 928945

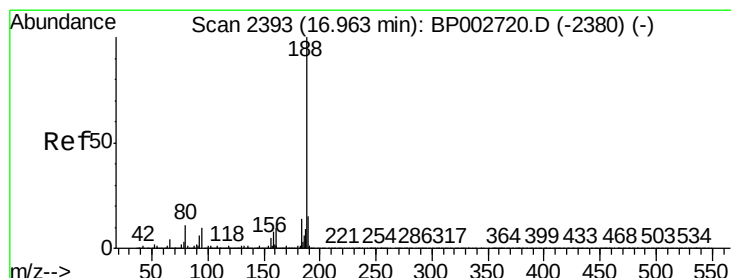
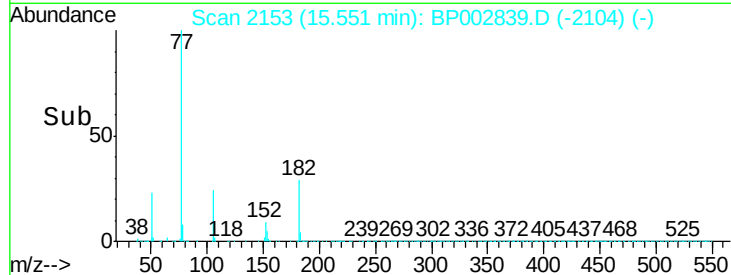
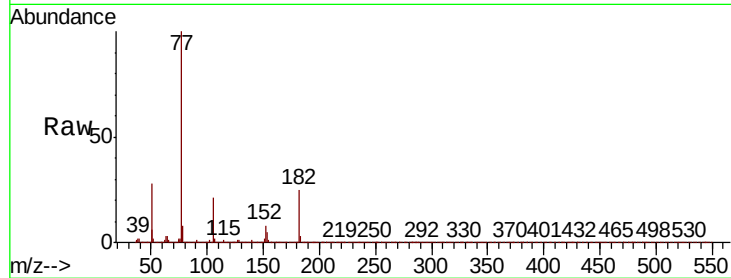
Ion	Ratio	Lower	Upper
77	100		
182	25.1	5.1	45.1
105	21.3	0.8	40.8
51	28.3	7.6	47.6

Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

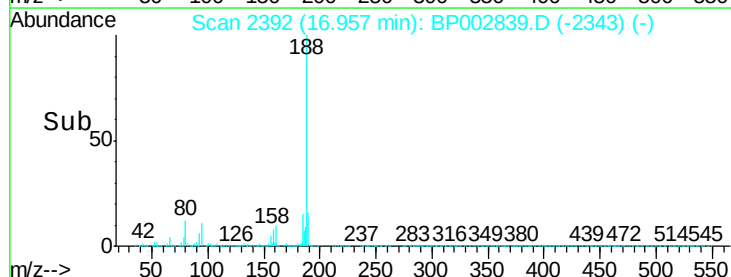
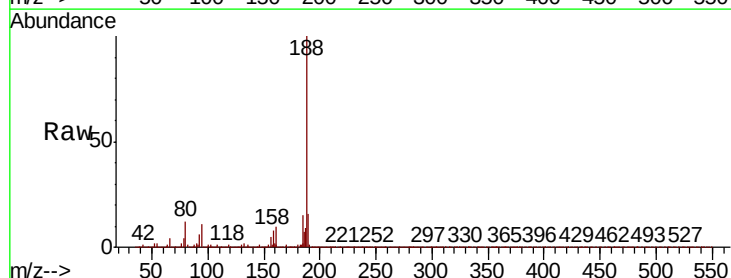
Tgt Ion: 188 Resp: 585283

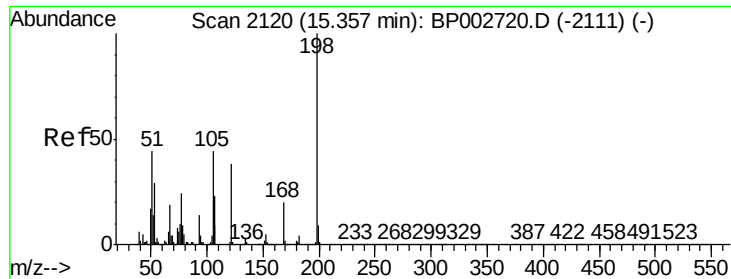
Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.1	12.1
80	12.1	8.9	13.3

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

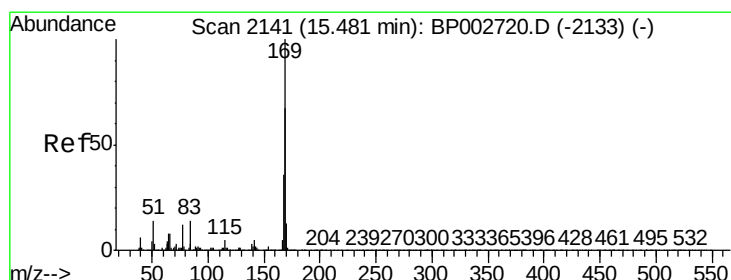
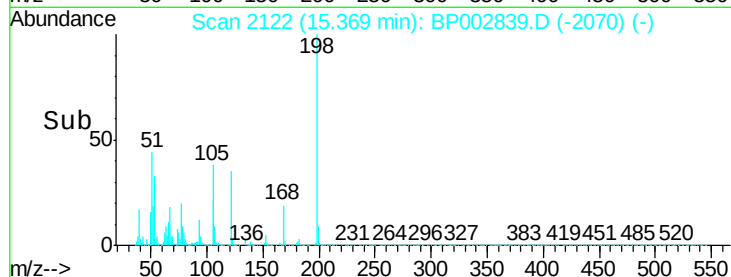
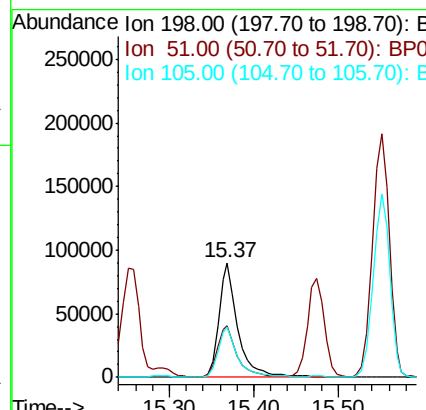
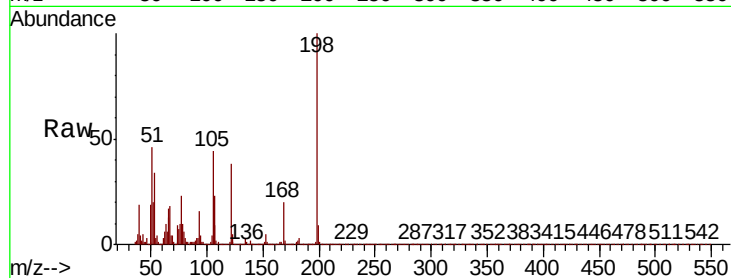




#65
4,6-Dinitro-2-methylphenol
Concen: 41.501 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

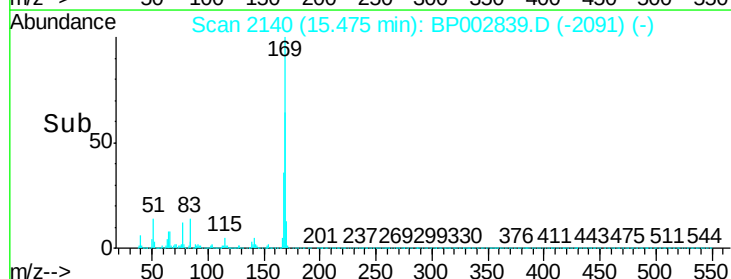
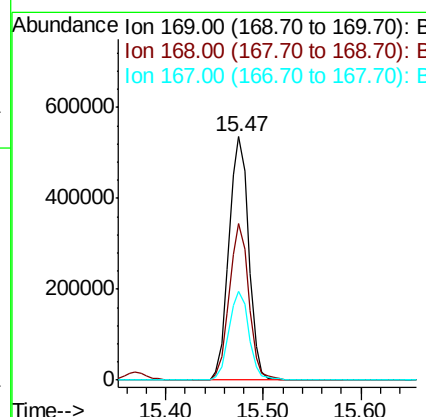
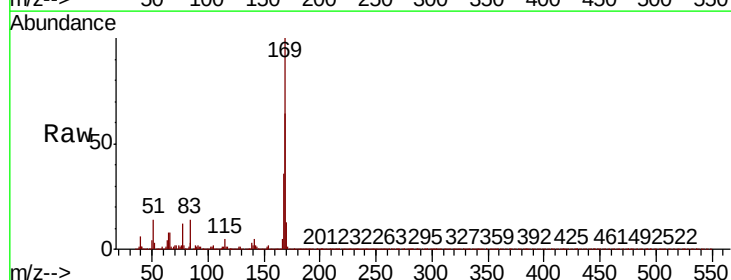
Instrument :
BNA_P
ClientSampled :

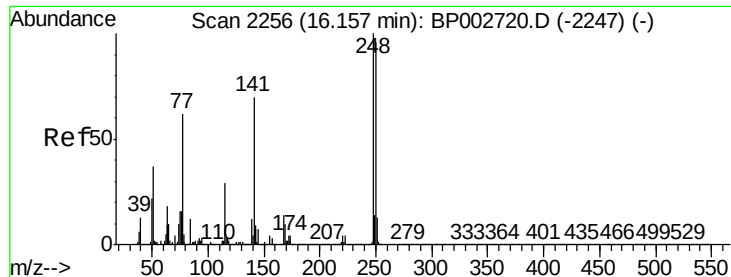
Tot Ion:198 Resp: 142386
Ion Ratio Lower Upper
198 100
51 45.5 27.1 67.1
105 43.6 24.9 64.9



#66
n-Nitrosodiphenylamine
Concen: 43.449 ng
RT: 15.47 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion:169 Resp: 751207
Ion Ratio Lower Upper
169 100
168 64.1 53.4 80.0
167 36.4 29.2 43.8

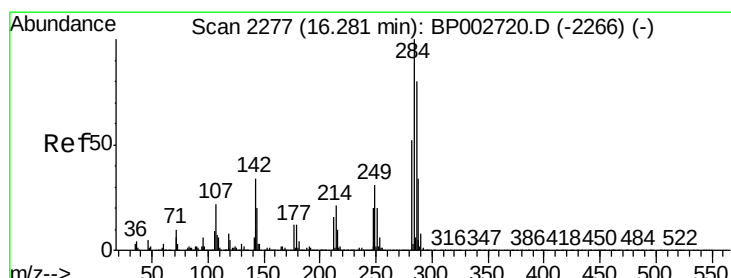
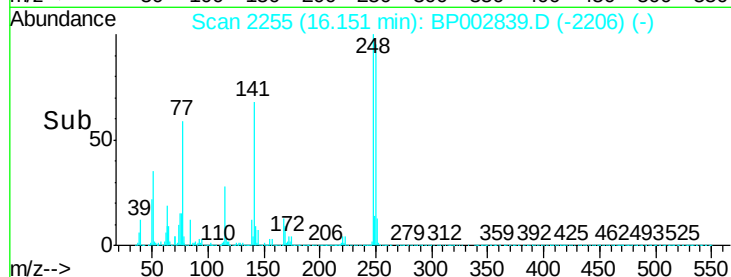
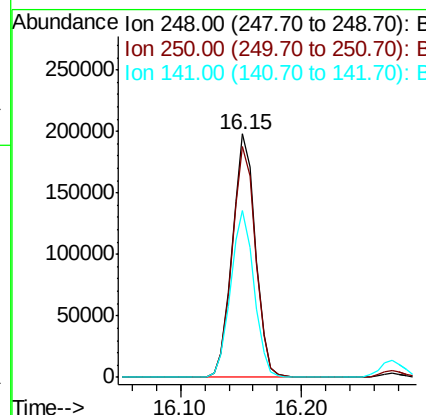
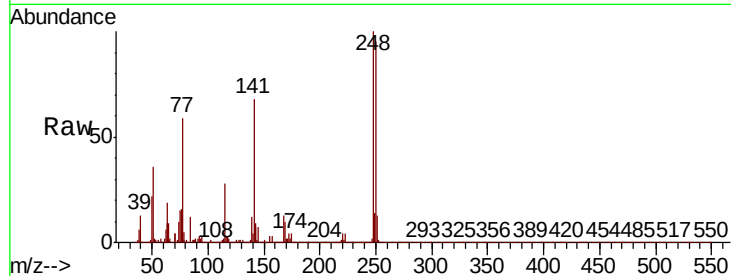




#67
4-Bromophenyl-phenylether
Concen: 41.264 ng
RT: 16.15 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

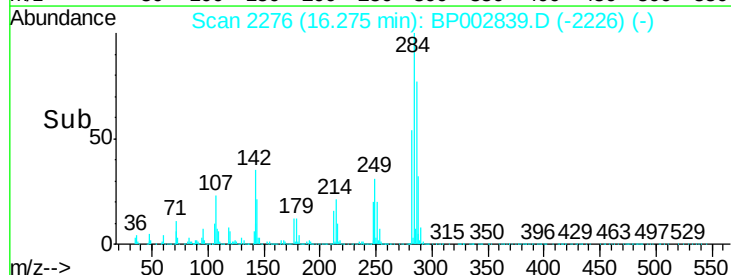
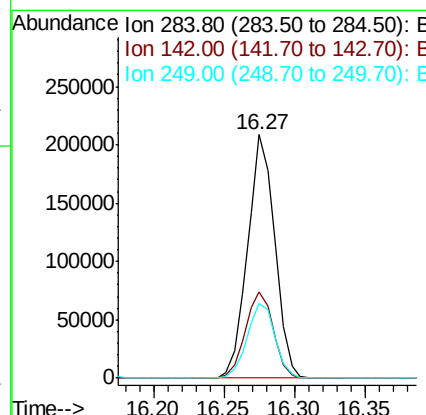
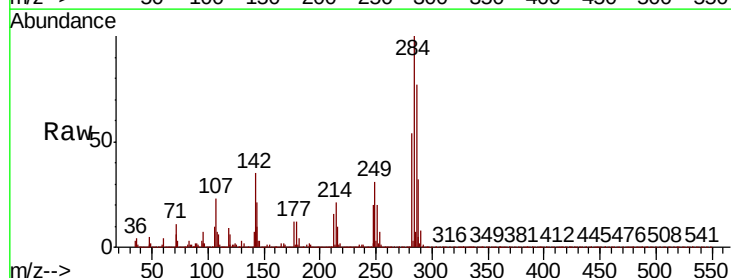
Instrument :
BNA_P
ClientSampled :

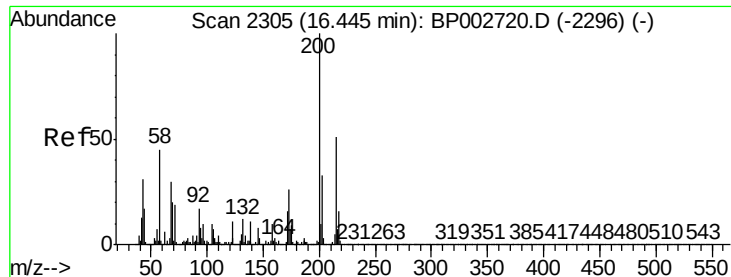
Tot Ion:248 Resp: 263076
Ion Ratio Lower Upper
248 100
250 95.1 76.7 115.1
141 68.3 55.9 83.9



#68
Hexachlorobenzene
Concen: 42.005 ng
RT: 16.27 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion:284 Resp: 282160
Ion Ratio Lower Upper
284 100
142 35.2 26.9 40.3
249 30.9 24.6 37.0





#69

Atrazine

Concen: 48.883 ng

RT: 16.44 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

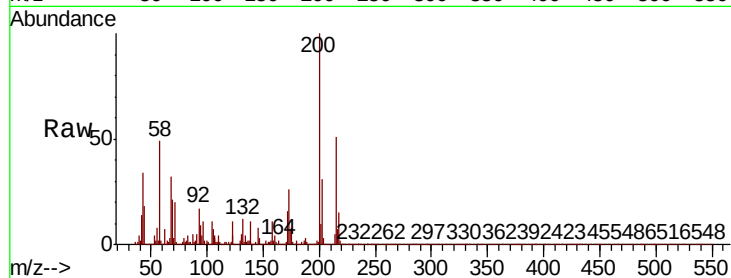
Tot Ion:200 Resp: 230731

Ion Ratio Lower Upper

200 100

173 26.0 6.3 46.3

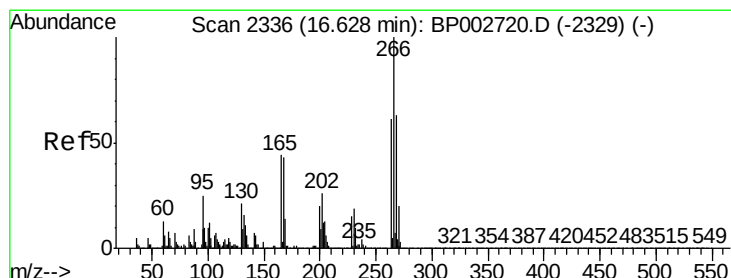
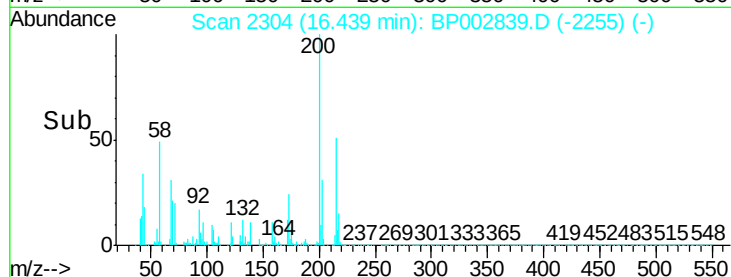
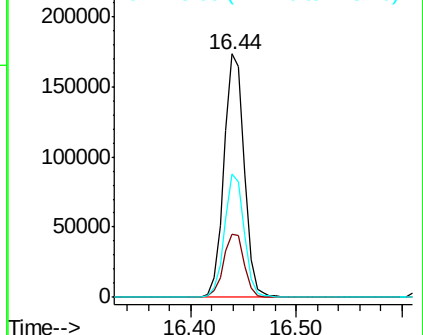
215 50.6 30.6 70.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.635 ng

RT: 16.63 min Scan# 2336

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

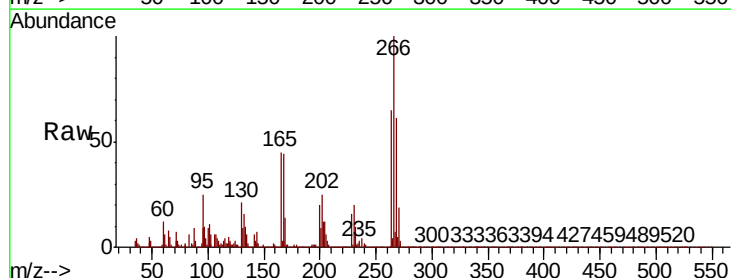
Tgt Ion:266 Resp: 222778

Ion Ratio Lower Upper

266 100

268 60.5 50.6 75.8

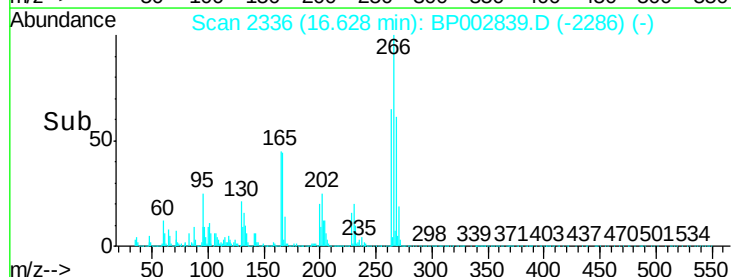
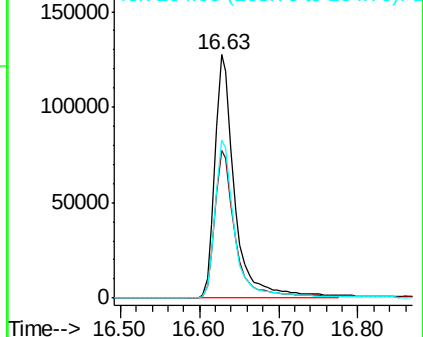
264 65.1 48.6 72.8

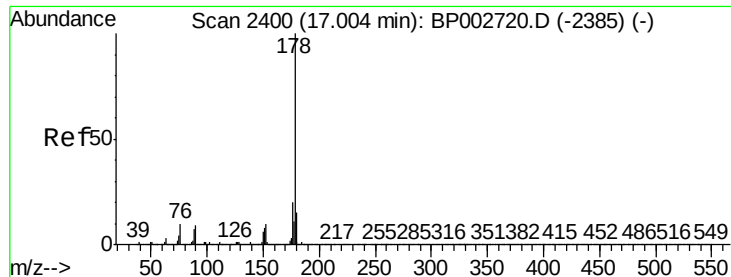


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

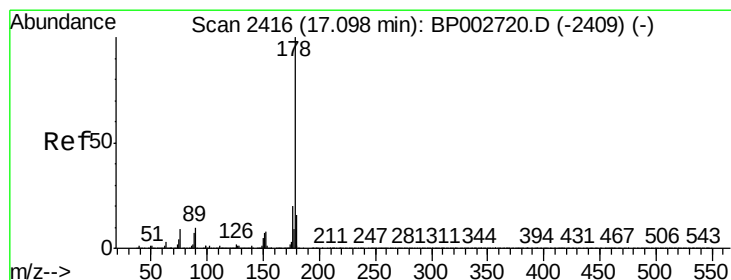
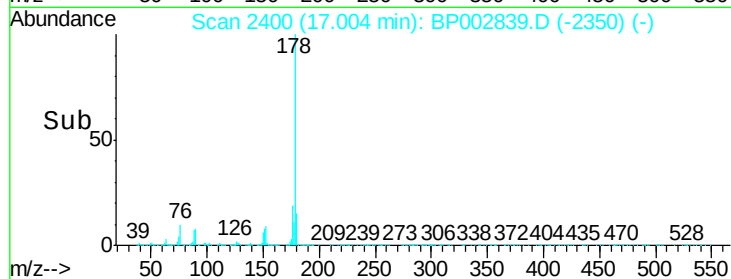
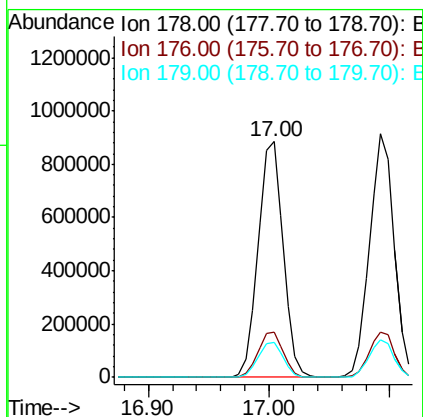
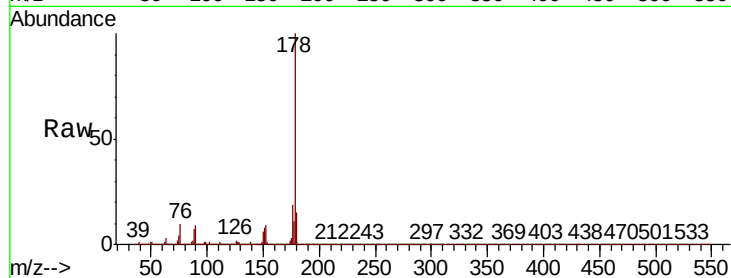




#71
Phenanthrene
Concen: 40.550 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

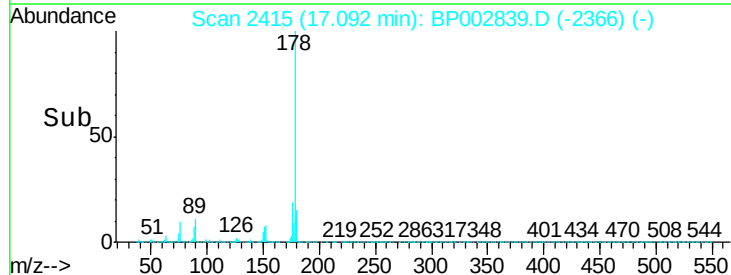
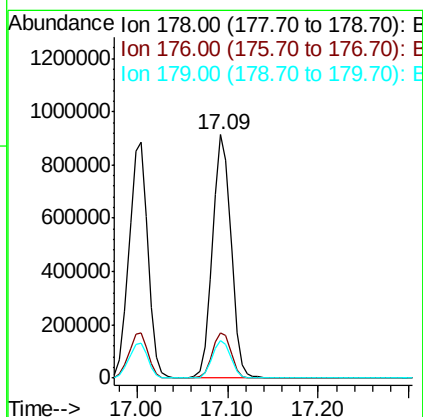
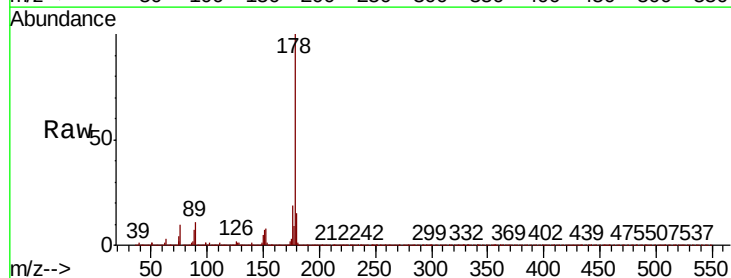
Instrument :
BNA_P
ClientSampleId :

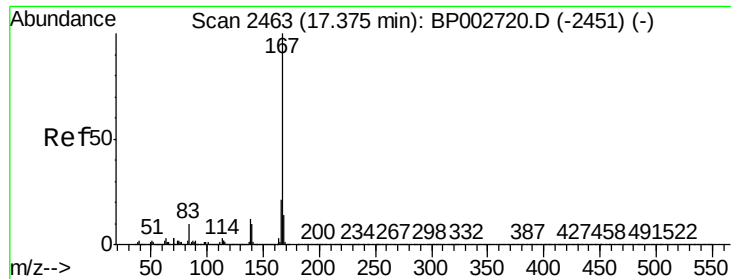
Tot Ion:178 Resp: 1285000
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 14.8 12.3 18.5



#72
Anthracene
Concen: 41.690 ng
RT: 17.09 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion:178 Resp: 1296434
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 15.5 12.6 19.0



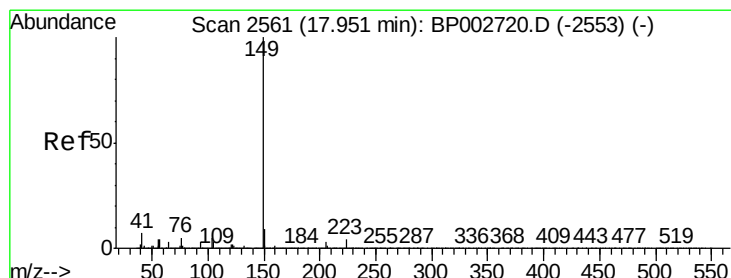
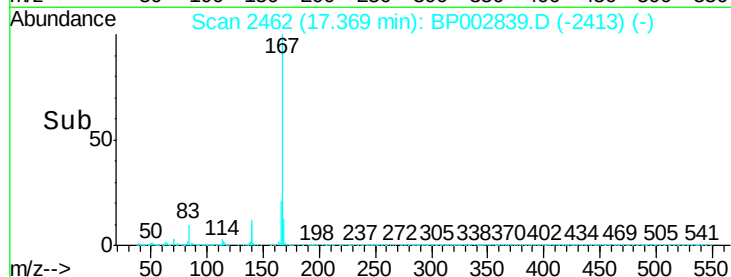
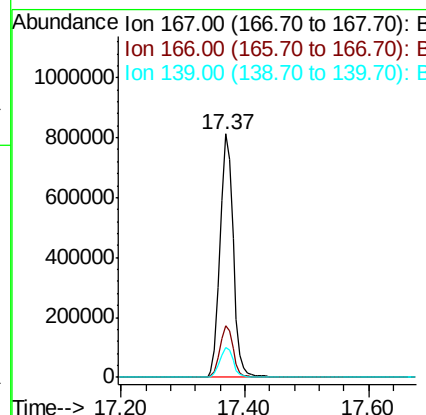
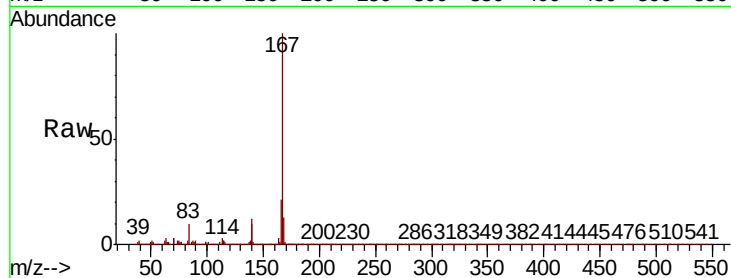


#73
 Carbazole
 Concen: 39.018 ng
 RT: 17.37 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:167 Resp: 1190659

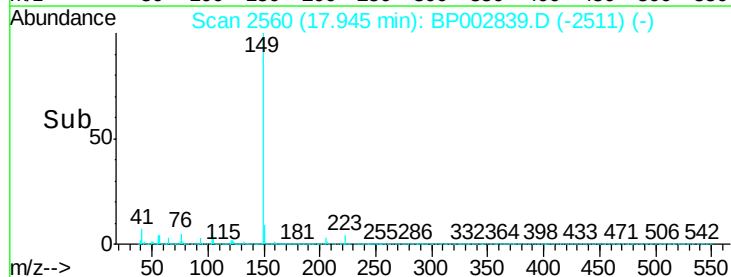
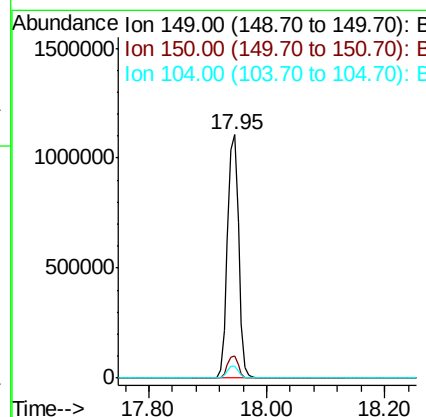
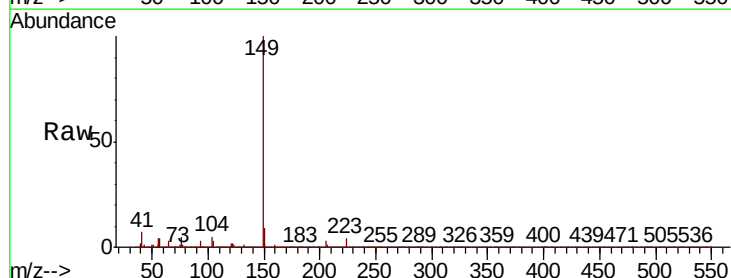
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.1	25.7
139	12.4	9.6	14.4

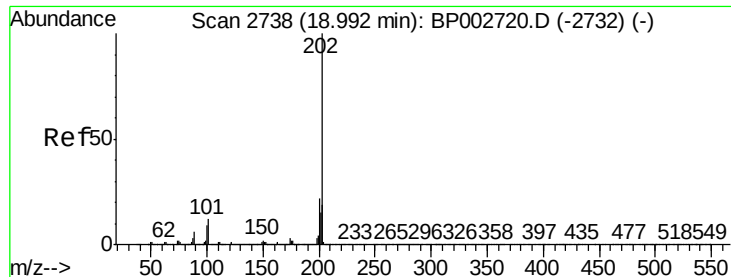


#74
 Di-n-butylphthalate
 Concen: 43.332 ng
 RT: 17.95 min Scan# 2560
 Delta R.T. -0.01 min
 Lab File: BP002839.D
 Acq: 23 Jul 2020 14:22

Tgt Ion:149 Resp: 1434070

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.0	4.0	6.0





#75

Fluoranthene

Concen: 39.738 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

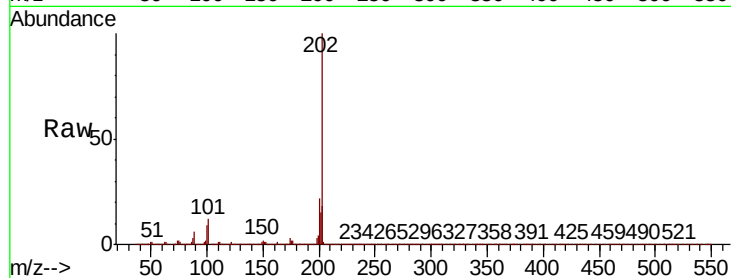
Instrument :

BNA_P

ClientSampled :

Tot Ion:202 Resp: 1459130

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.5
203	17.8	0.0	38.6

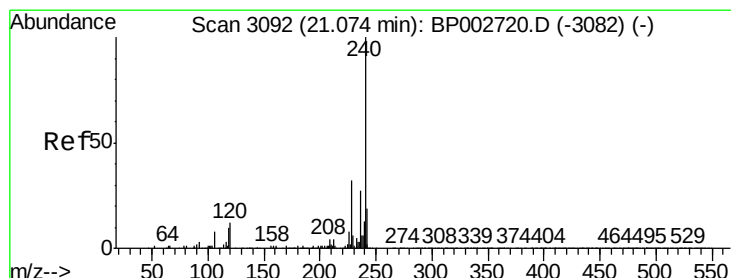
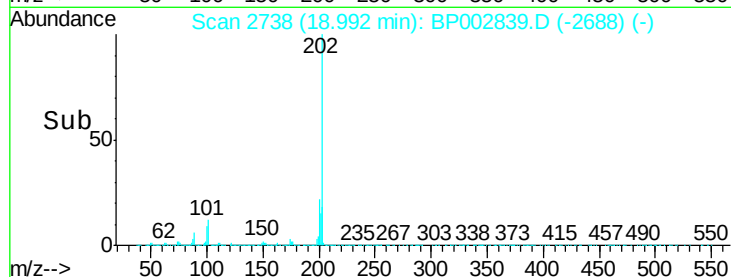
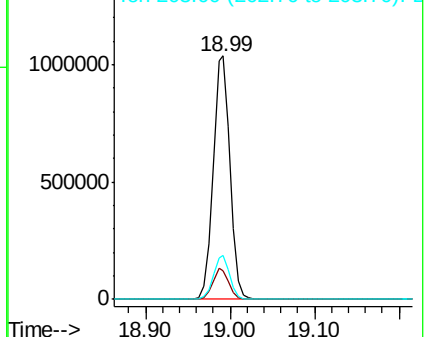


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3092

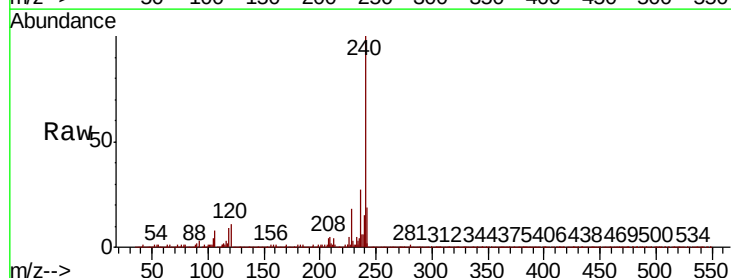
Delta R.T. 0.00 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Tgt Ion:240 Resp: 426098

Ion	Ratio	Lower	Upper
240	100		
120	10.9	9.4	14.2
236	27.4	21.3	31.9

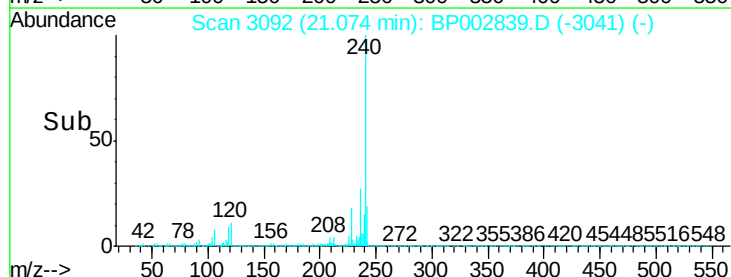
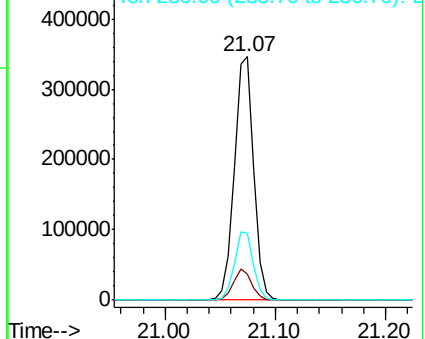


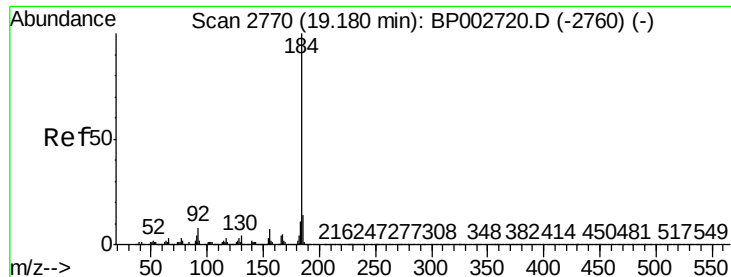
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 48.345 ng

RT: 19.17 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

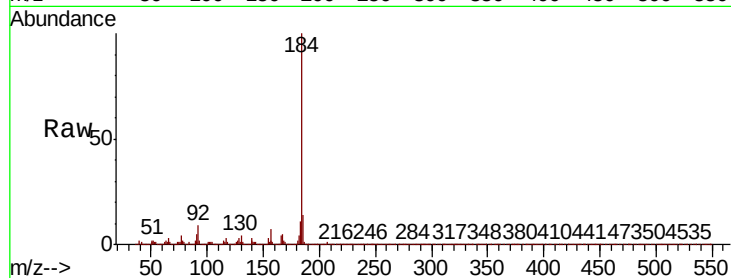
Tot Ion:184 Resp: 510602

Ion	Ratio	Lower	Upper
184	100		
185	13.9	11.4	17.2
183	10.8	9.0	13.4

184 100

185 13.9 11.4 17.2

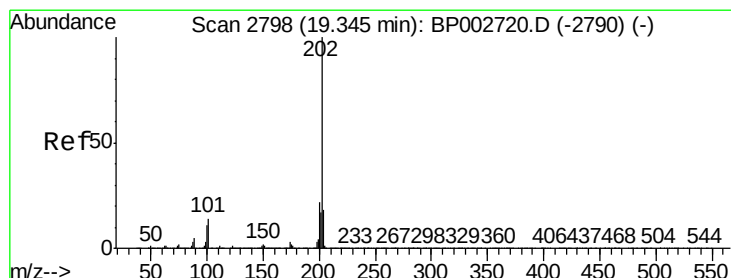
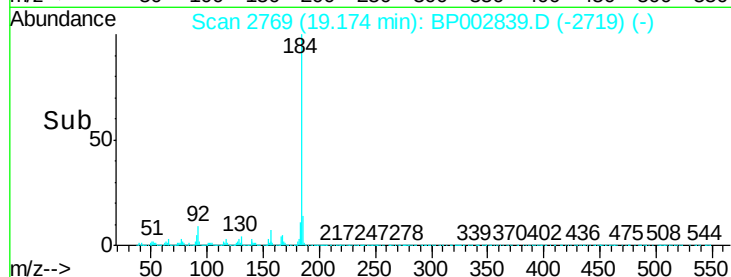
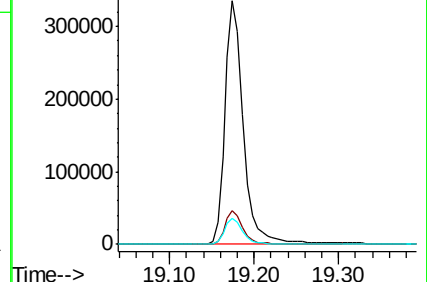
183 10.8 9.0 13.4



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: 49.455 ng

RT: 19.35 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

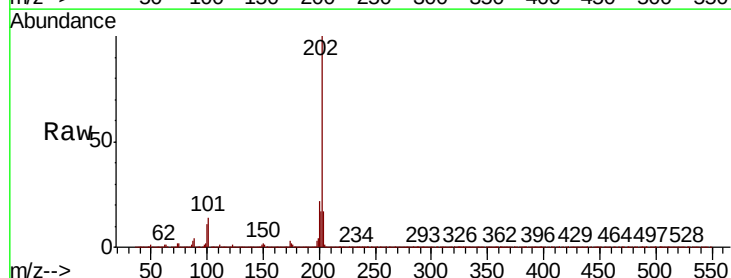
Tgt Ion:202 Resp: 1454941

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	17.3	14.5	21.7

202 100

200 22.0 17.7 26.5

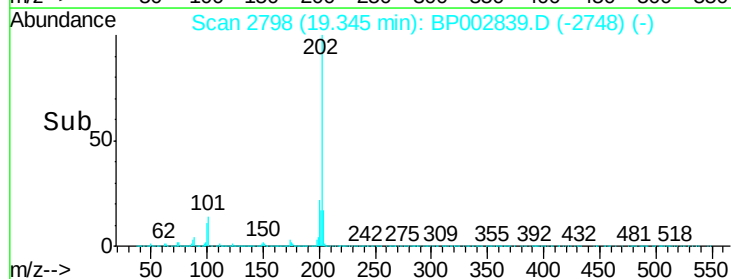
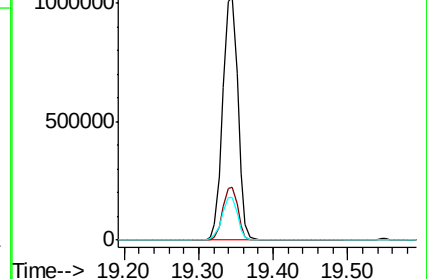
203 17.3 14.5 21.7

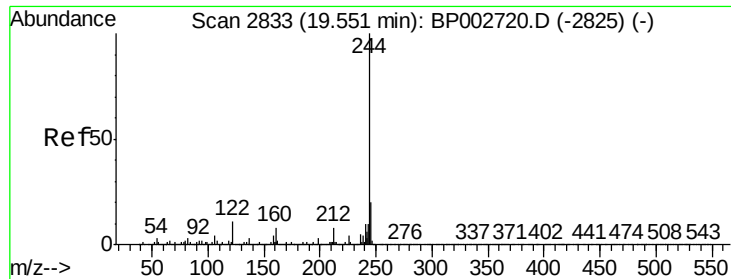


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 93.880 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

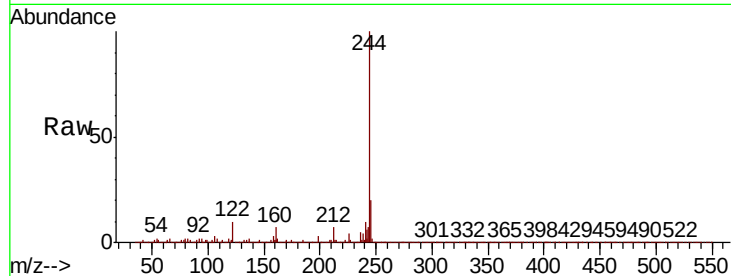
Tot Ion:244 Resp: 1744750

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

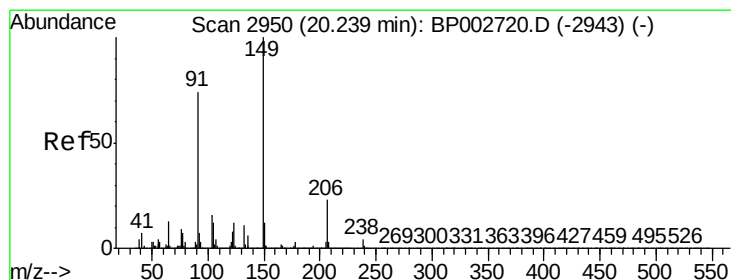
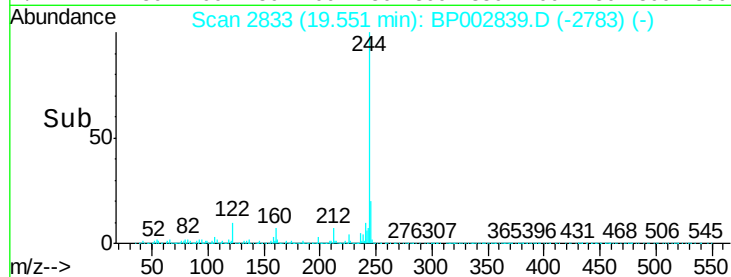
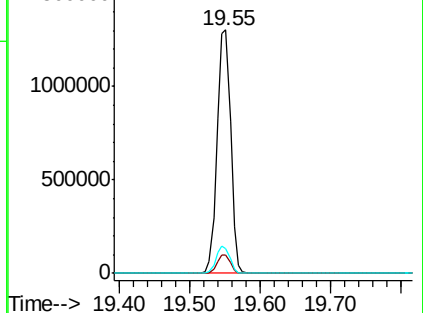
122 10.2 8.9 13.3



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: 50.888 ng

RT: 20.23 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

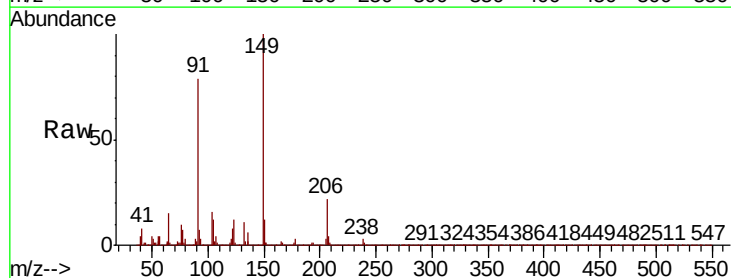
Tgt Ion:149 Resp: 590773

Ion Ratio Lower Upper

149 100

91 78.6 59.4 89.2

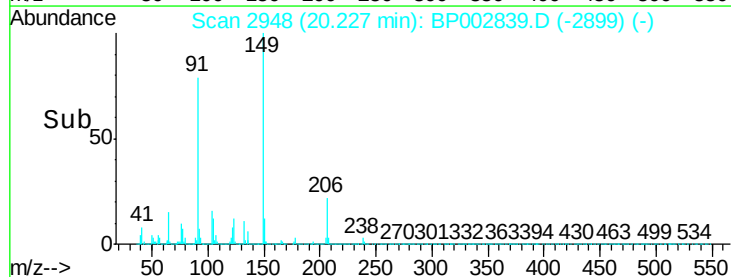
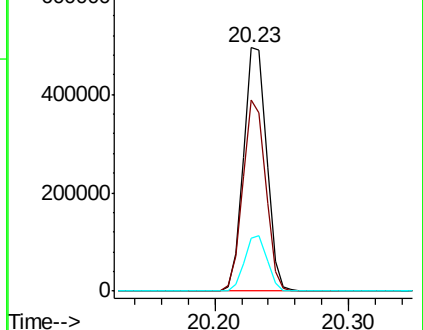
206 22.0 18.3 27.5

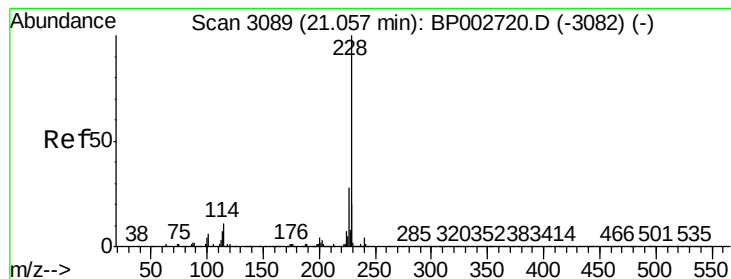


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.019 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

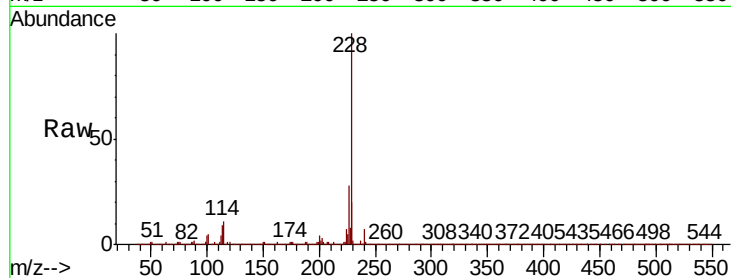
Tot Ion:228 Resp: 1186583

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	34.0
229	19.7	16.0	24.0

228 100

226 28.0 22.6 34.0

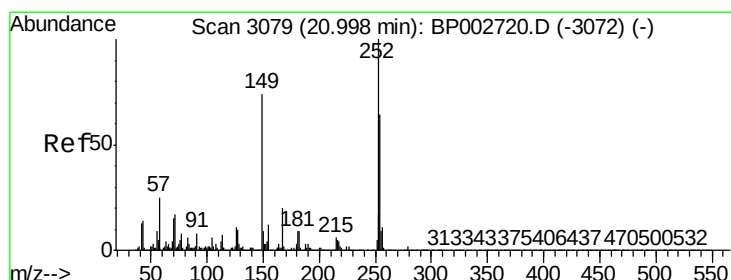
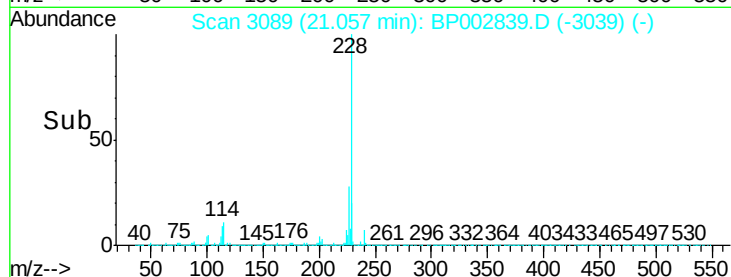
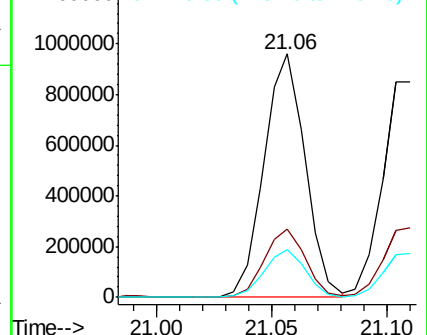
229 19.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.926 ng

RT: 20.99 min Scan# 3078

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

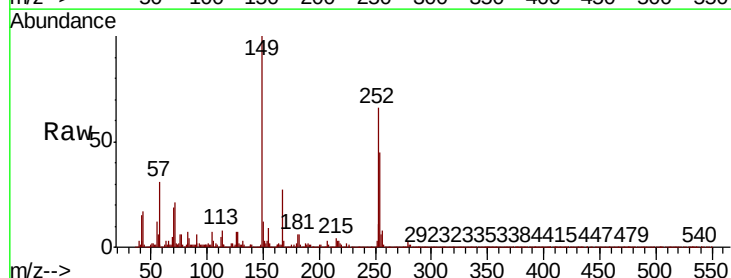
Tgt Ion:252 Resp: 364714

Ion	Ratio	Lower	Upper
252	100		
254	68.9	51.0	76.4
126	10.9	8.4	12.6

252 100

254 68.9 51.0 76.4

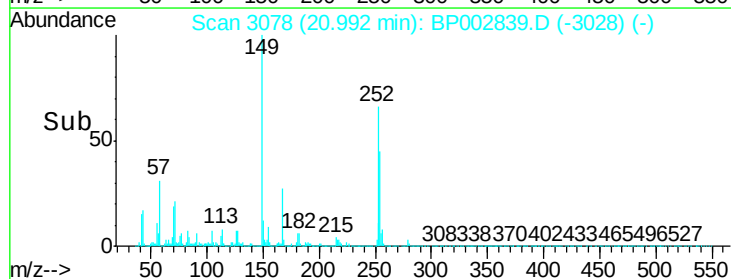
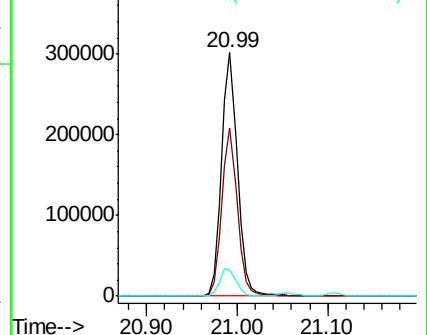
126 10.9 8.4 12.6

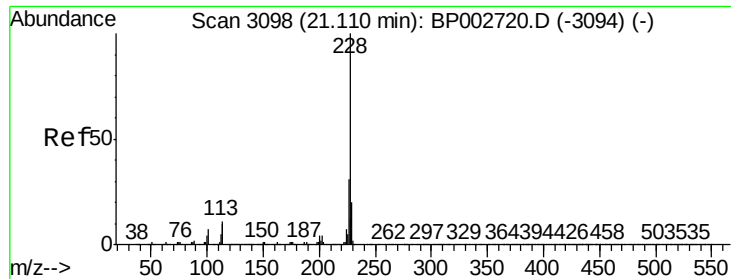


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.825 ng

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampleId :

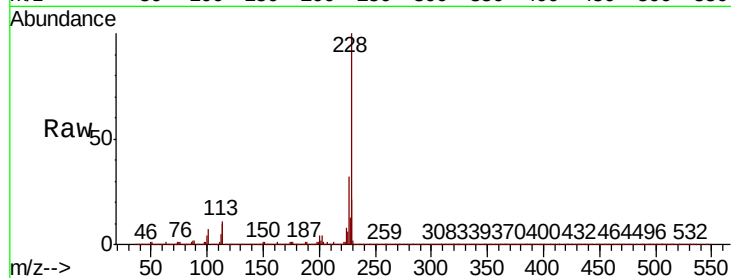
Tot Ion:228 Resp: 1098148

Ion Ratio Lower Upper

228 100

226 32.3 24.6 37.0

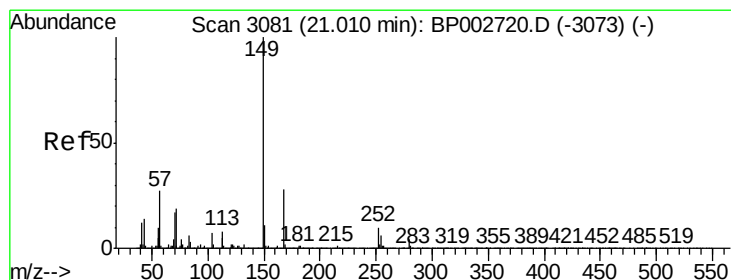
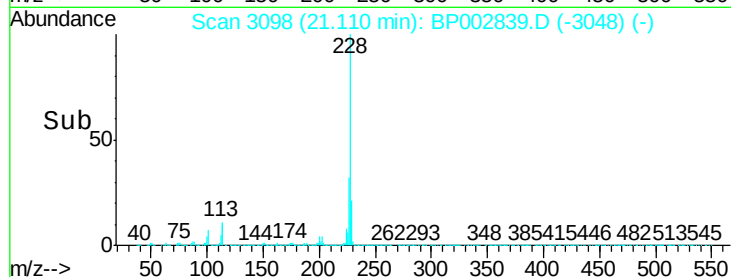
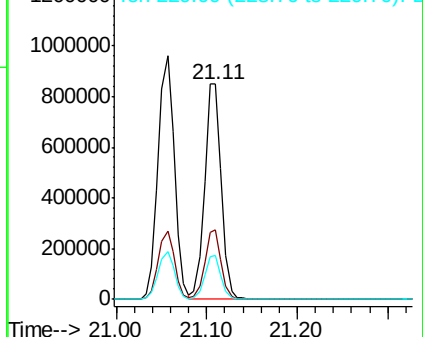
229 20.7 15.7 23.5



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: 48.459 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

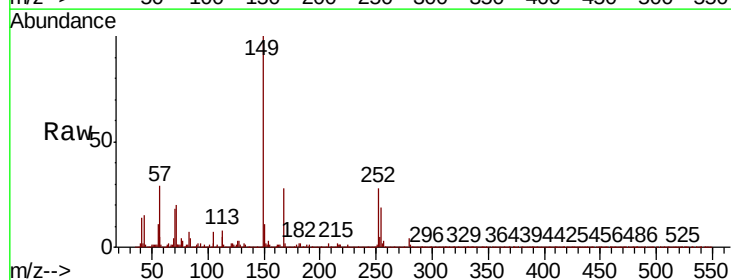
Tgt Ion:149 Resp: 782452

Ion Ratio Lower Upper

149 100

167 27.7 22.4 33.6

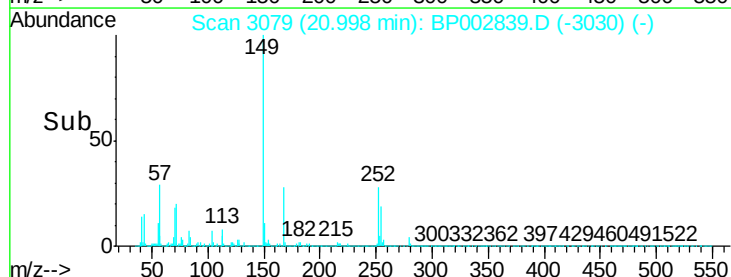
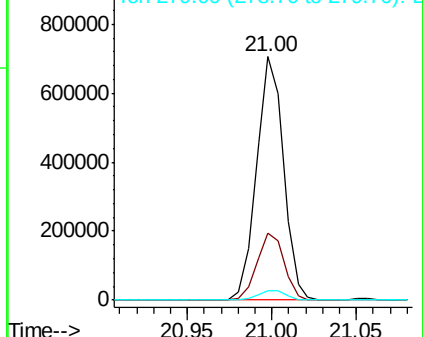
279 3.9 3.5 5.3

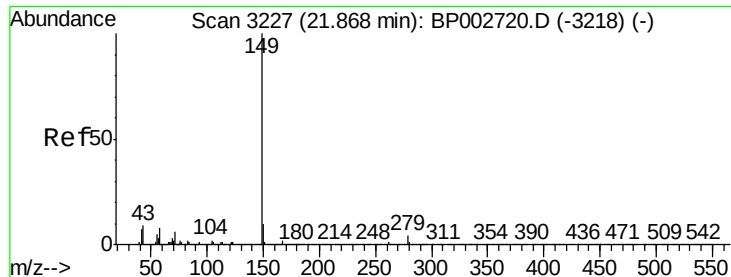


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.590 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.02 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampled :

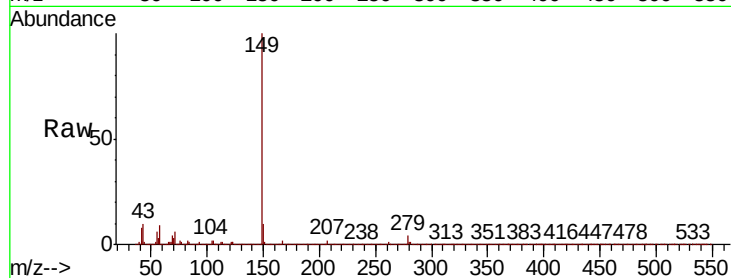
Tot Ion:149 Resp: 1323442

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

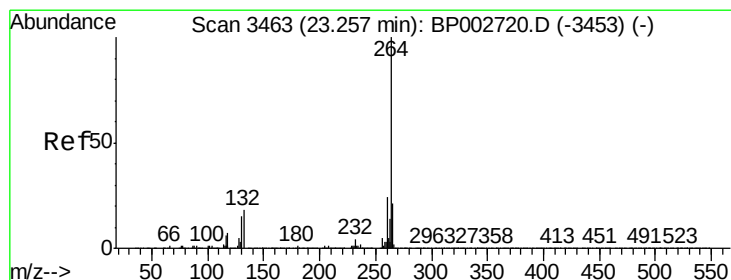
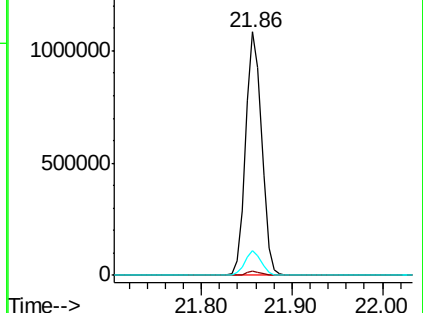
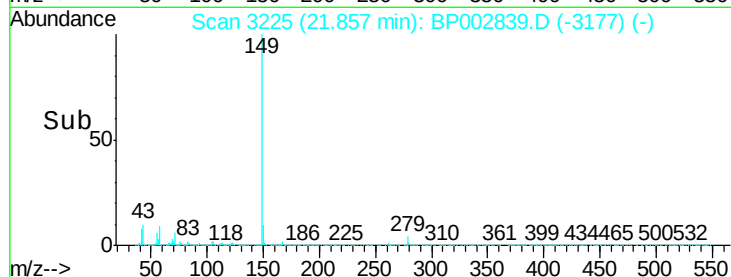
43 9.8 8.2 12.2



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: 23.26 min Scan# 3463

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

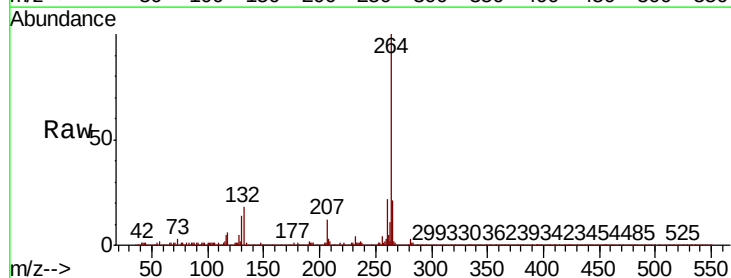
Tgt Ion:264 Resp: 393073

Ion Ratio Lower Upper

264 100

260 22.1 19.3 28.9

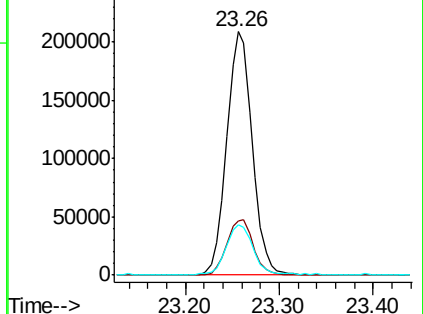
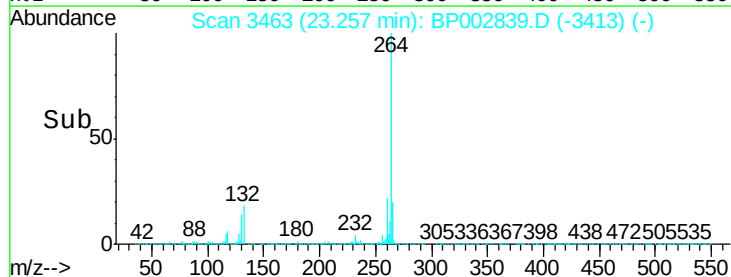
265 20.8 16.8 25.2

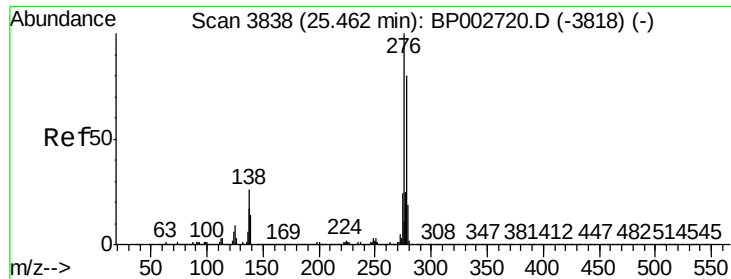


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.943 ng

RT: 25.47 min Scan# 3839

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Instrument :

BNA_P

ClientSampled :

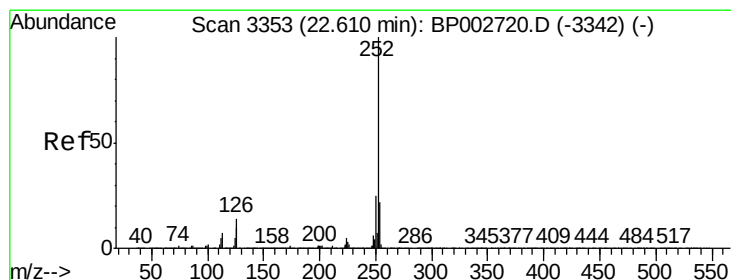
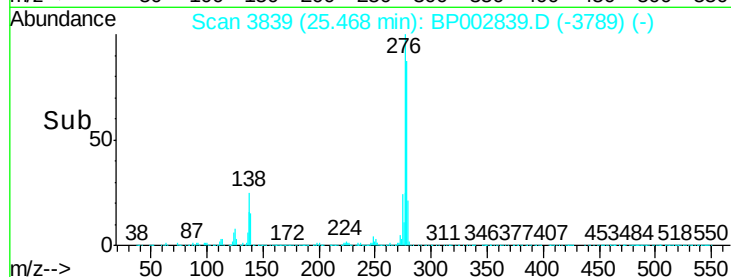
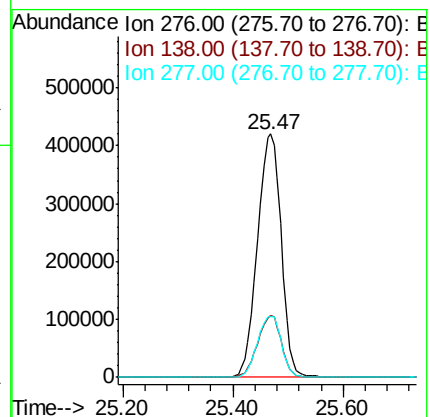
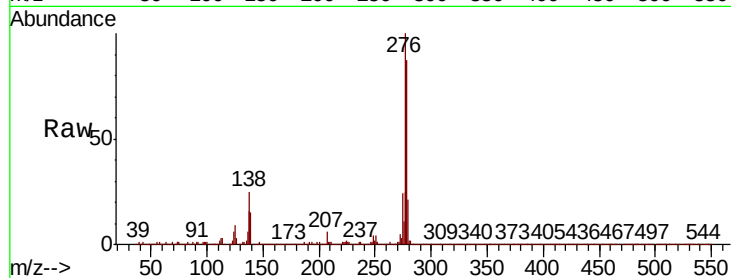
Tot Ion:276 Resp: 1248407

Ion Ratio Lower Upper

276 100

138 25.3 20.8 31.2

277 25.4 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 45.191 ng

RT: 22.60 min Scan# 3352

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

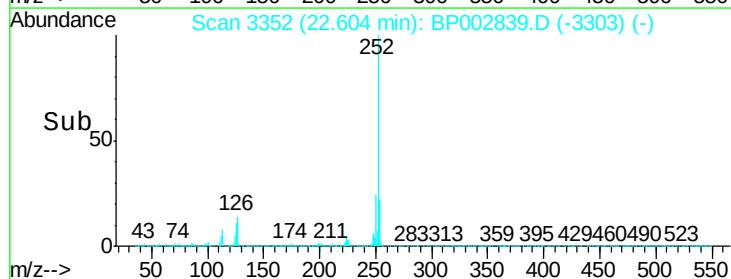
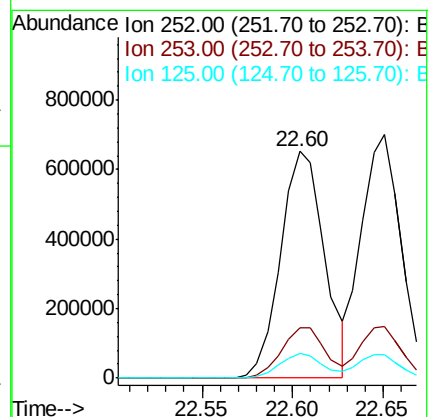
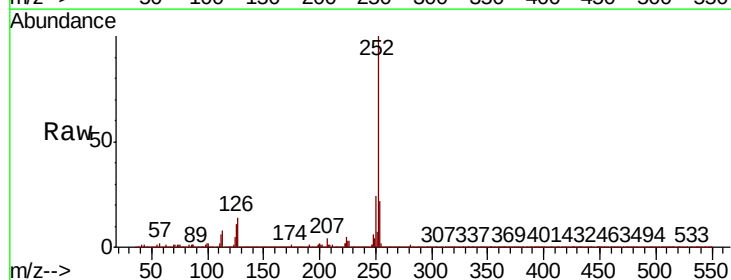
Tgt Ion:252 Resp: 1103004

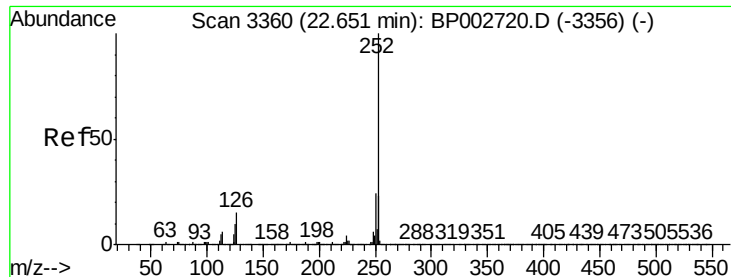
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.7 8.2 12.2

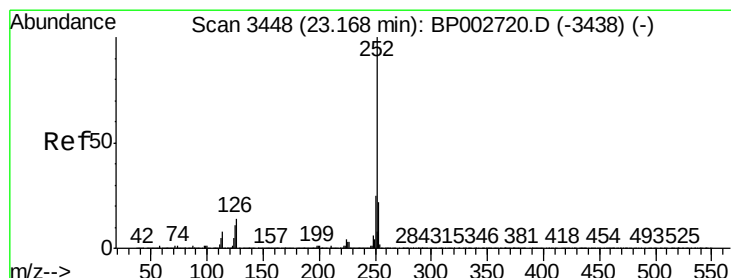
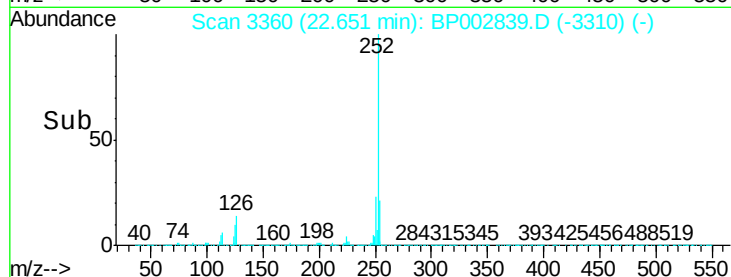
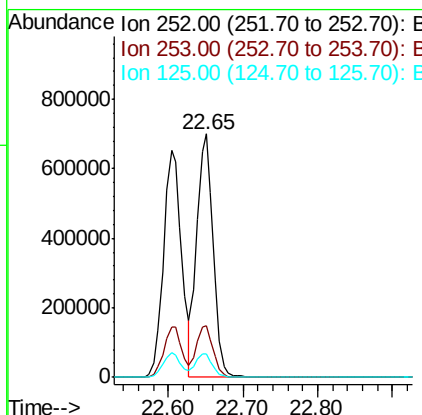
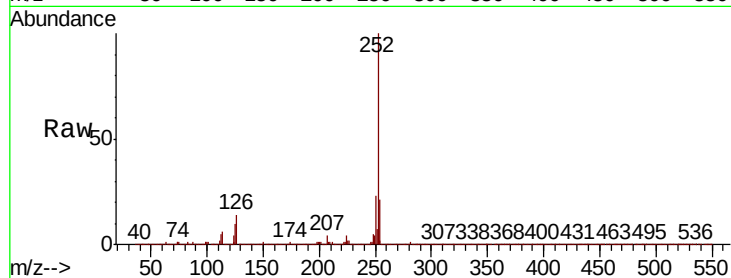




#89
Benzo(k)fluoranthene
Concen: 44.617 ng
RT: 22.65 min Scan# 3360
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

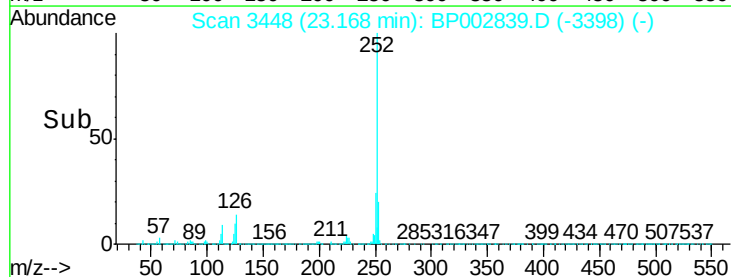
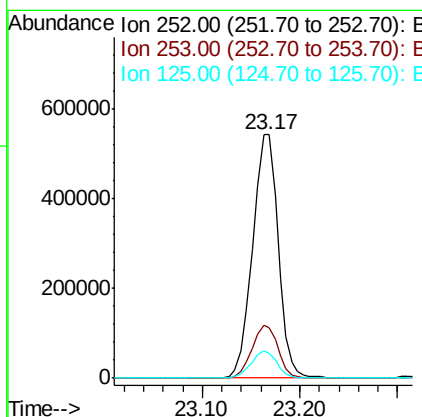
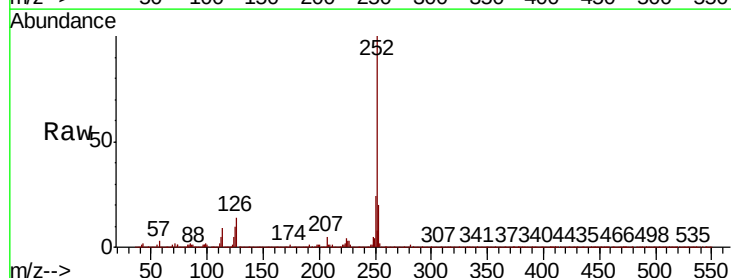
Instrument :
BNA_P
ClientSampled :

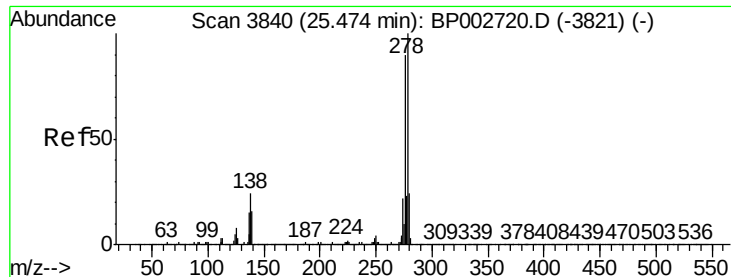
Tot Ion:252 Resp: 1072644
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 9.6 8.3 12.5



#90
Benzo(a)pyrene
Concen: 42.998 ng
RT: 23.17 min Scan# 3448
Delta R.T. -0.01 min
Lab File: BP002839.D
Acq: 23 Jul 2020 14:22

Tgt Ion:252 Resp: 994517
Ion Ratio Lower Upper
252 100
253 20.5 17.6 26.4
125 10.4 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 45.536 ng

RT: 25.47 min Scan# 3840

Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

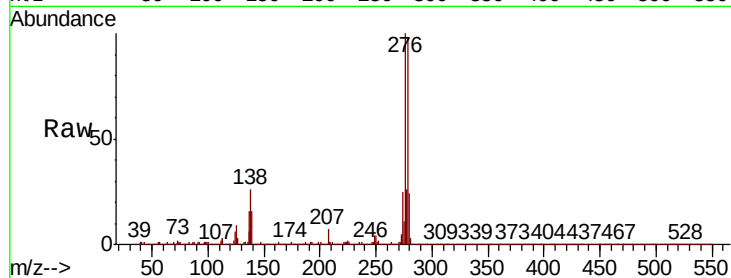
Instrument :

BNA_P

ClientSampled :

Tot Ion:278 Resp: 1043311

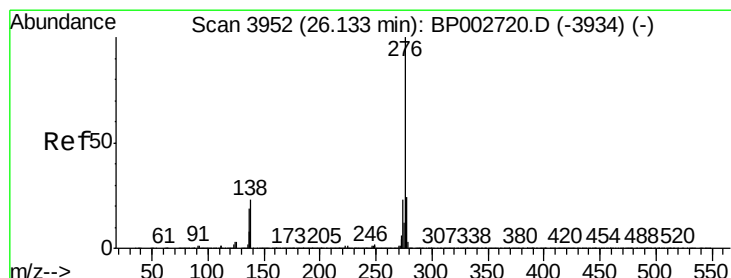
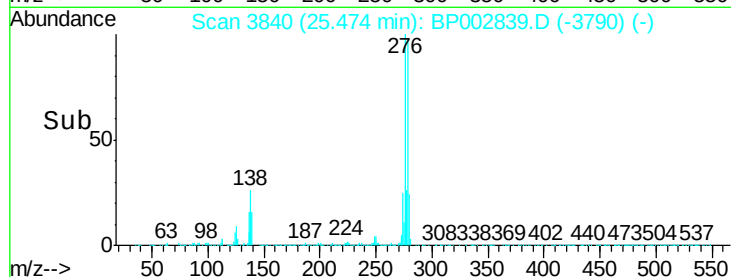
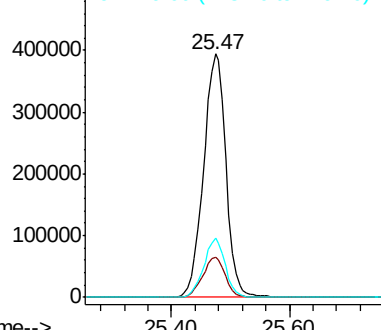
Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.1	19.7
279	24.6	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.951 ng

RT: 26.14 min Scan# 3953

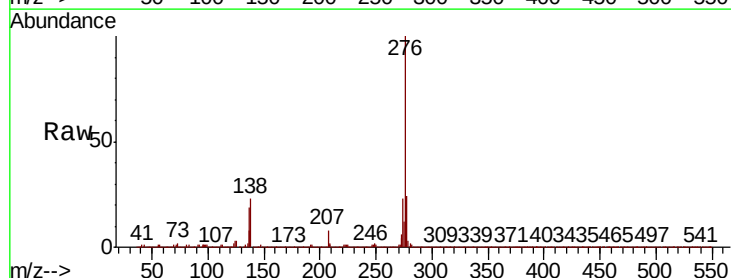
Delta R.T. -0.01 min

Lab File: BP002839.D

Acq: 23 Jul 2020 14:22

Tgt Ion:276 Resp: 1044208

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.1	28.7
138	23.0	18.3	27.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

