

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
 Data File : BP002653.D
 Acq On : 07 Jul 2020 12:19
 Operator : CG/JU
 Sample : PB129929BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129929BSD

Quant Time: Jul 07 13:02:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	287097	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1006041	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	559590	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1057219	20.00	ng	0.00
76) Chrysene-d12	21.09	240	885076	20.00	ng	0.00
86) Perylene-d12	23.28	264	868255	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	1325852	78.19	ng	0.00
7) Phenol-d6	6.76	99	1626686	68.73	ng	0.00
23) Nitrobenzene-d5	8.72	82	1502206	76.94	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	575738	84.59	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3058939	80.46	ng	0.00
79) Terphenyl-d14	19.57	244	3642993	88.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	254010	34.951	ng	98
3) Pyridine	3.52	79	716353	33.257	ng	98
4) n-Nitrosodimethylamine	3.45	42	328926	35.975	ng	84
6) Aniline	6.90	93	906032	30.473	ng	97
8) 2-Chlorophenol	7.14	128	778279	41.319	ng	99
9) Benzaldehyde	6.72	77	286018	20.751	ng	97
10) Phenol	6.79	94	956297	40.068	ng	92
11) bis(2-Chloroethyl)ether	7.00	93	776554	39.642	ng	99
12) 1,3-Dichlorobenzene	7.46	146	883636	40.654	ng	98
13) 1,4-Dichlorobenzene	7.60	146	890648	40.222	ng	99
14) 1,2-Dichlorobenzene	7.92	146	828315	38.861	ng	99
15) Benzyl Alcohol	7.81	79	602527	33.881	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1020303	37.384	ng	99
17) 2-Methylphenol	8.03	107	611045	34.204	ng	97
18) Hexachloroethane	8.63	117	316441	39.595	ng	96
19) n-Nitroso-di-n-propylamine	8.38	70	516470	33.260	ng	96
20) 3+4-Methylphenols	8.35	107	803130	33.346	ng	97
22) Acetophenone	8.39	105	1011367	39.718	ng	# 95
24) Nitrobenzene	8.76	77	822865	39.816	ng	97
25) Isophorone	9.28	82	1451634	37.094	ng	99
26) 2-Nitrophenol	9.46	139	406335	43.110	ng	92
27) 2,4-Dimethylphenol	9.54	122	626338	43.854	ng	96
28) bis(2-Chloroethoxy)methane	9.77	93	946421	42.101	ng	99
29) 2,4-Dichlorophenol	10.00	162	702291	42.666	ng	99
30) 1,2,4-Trichlorobenzene	10.21	180	822298	44.374	ng	99
31) Naphthalene	10.39	128	2182396	40.978	ng	99
32) Benzoic acid	9.70	122	233531	25.745	ng	99
33) 4-Chloroaniline	10.50	127	351555	15.091	ng	98
34) Hexachlorobutadiene	10.69	225	510738	45.029	ng	97
35) Caprolactam	11.27	113	185735	33.568	ng	98
36) 4-Chloro-3-methylphenol	11.66	107	654063	36.255	ng	97
37) 2-Methylnaphthalene	12.02	142	1546797	39.833	ng	96
38) 1-Methylnaphthalene	12.23	142	1439847	39.370	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	831699	47.598	ng	99

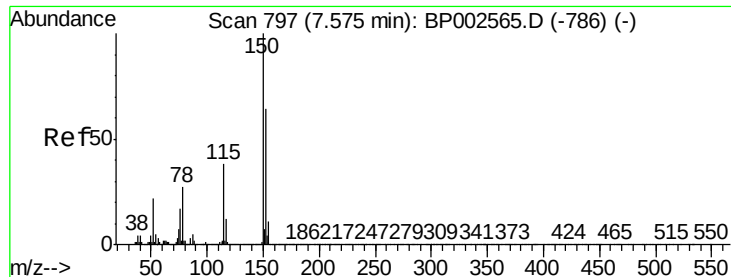
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	907641	98.440	ng	97
43) 2,4,6-Trichlorophenol	12.65	196	526918	44.568	ng	97
44) 2,4,5-Trichlorophenol	12.72	196	554975	40.777	ng	96
46) 1,1'-Biphenyl	13.05	154	1824454	43.102	ng	99
47) 2-Chloronaphthalene	13.08	162	1462498	42.445	ng	96
48) 2-Nitroaniline	13.29	65	394778	35.914	ng	89
49) Acenaphthylene	13.93	152	2229178	41.107	ng	98
50) Dimethylphthalate	13.69	163	1706609	38.830	ng	99
51) 2,6-Dinitrotoluene	13.80	165	378139	39.836	ng	91
52) Acenaphthene	14.29	154	1314238	41.077	ng	100
53) 3-Nitroaniline	14.13	138	208484	20.171	ng	95
54) 2,4-Dinitrophenol	14.35	184	371105	64.014	ng	85
55) Dibenzofuran	14.62	168	2083881	40.191	ng	97
56) 4-Nitrophenol	14.46	139	521430	64.398	ng	90
57) 2,4-Dinitrotoluene	14.60	165	494075	38.693	ng	90
58) Fluorene	15.27	166	1522082	38.545	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	477262	43.409	ng	92
60) Diethylphthalate	15.06	149	1588801	36.353	ng	100
61) 4-Chlorophenyl-phenylether	15.28	204	833995	39.383	ng	90
62) 4-Nitroaniline	15.30	138	334138	32.346	ng	89
63) Azobenzene	15.57	77	1572205	37.204	ng	96
65) 4,6-Dinitro-2-methylphenol	15.37	198	280203	41.563	ng	96
66) n-Nitrosodiphenylamine	15.49	169	1401329	45.405	ng	100
67) 4-Bromophenyl-phenylether	16.17	248	566631	47.694	ng	92
68) Hexachlorobenzene	16.29	284	642944	50.516	ng	96
69) Atrazine	16.46	200	453432	45.787	ng	97
70) Pentachlorophenol	16.64	266	617839	84.776	ng	97
71) Phenanthrene	17.02	178	2441521	42.922	ng	100
72) Anthracene	17.11	178	2453318	43.342	ng	98
73) Carbazole	17.39	167	2143990	39.192	ng	99
74) Di-n-butylphthalate	17.96	149	2484432	38.563	ng	98
75) Fluoranthene	19.00	202	2727179	39.609	ng	98
77) Benzidine	19.19	184	885589	31.862	ng	100
78) Pyrene	19.36	202	2725415	45.239	ng	100
80) Butylbenzylphthalate	20.25	149	1009073	38.366	ng	97
81) Benzo(a)anthracene	21.07	228	2427183	41.947	ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	672324	31.737	ng	96
83) Chrysene	21.12	228	2332981	42.046	ng	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	1450886	38.417	ng	99
85) Di-n-octyl phthalate	21.89	149	2424505	36.346	ng	99
87) Indeno(1,2,3-cd)pyrene	25.49	276	3032501	48.508	ng	98
88) Benzo(b)fluoranthene	22.63	252	2447289	44.173	ng	99
89) Benzo(k)fluoranthene	22.67	252	2474478	47.876	ng	98
90) Benzo(a)pyrene	23.19	252	2250767	44.270	ng	99
91) Dibenzo(a,h)anthracene	25.50	278	2512243	49.179	ng	98
92) Benzo(g,h,i)perylene	26.16	276	2514522	49.218	ng	98

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

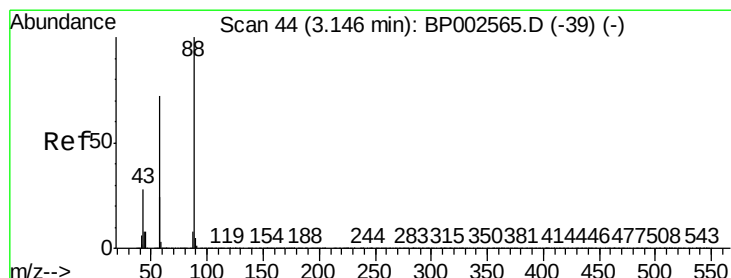
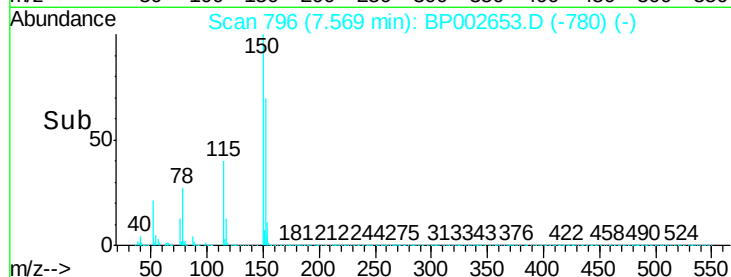
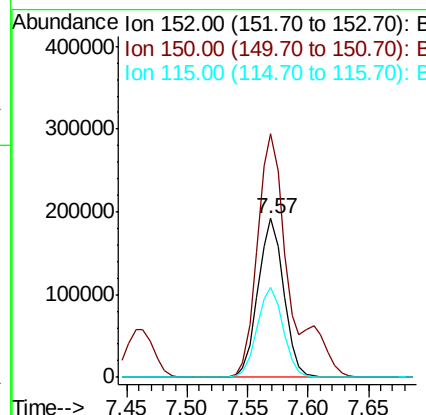
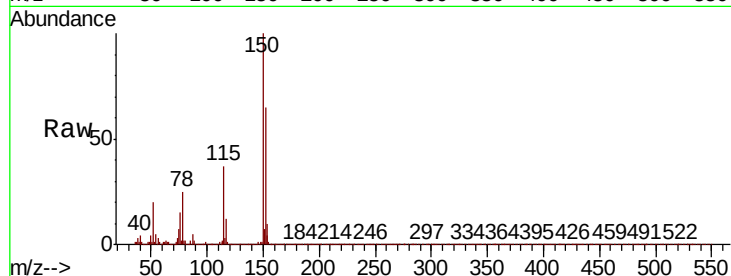


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Instrument :
BNA_P
ClientSampleId :
PB129929BSD

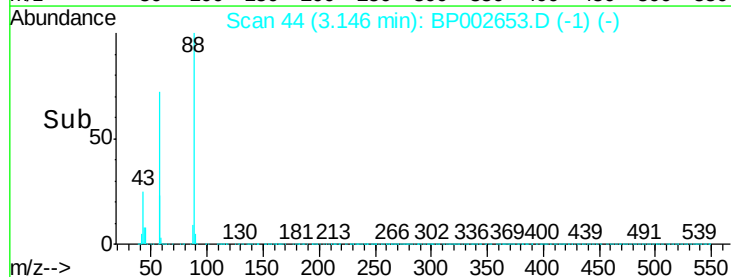
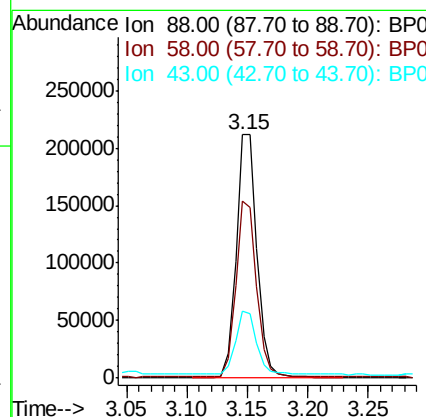
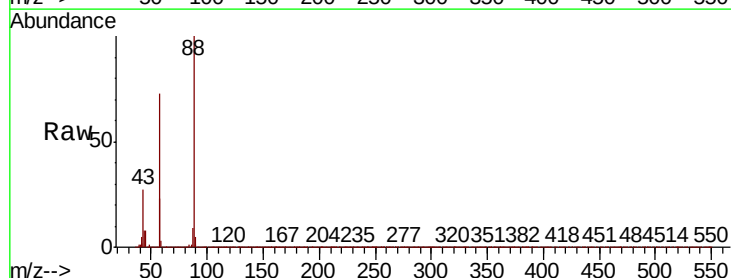
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.2	186.2
115	56.3	47.1	70.7

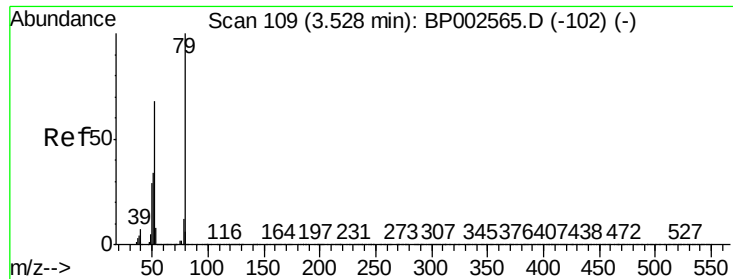


#2

1,4-Dioxane
Concen: 34.951 ng
RT: 3.15 min Scan# 44
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	58.1	87.1
43	26.9	23.2	34.8

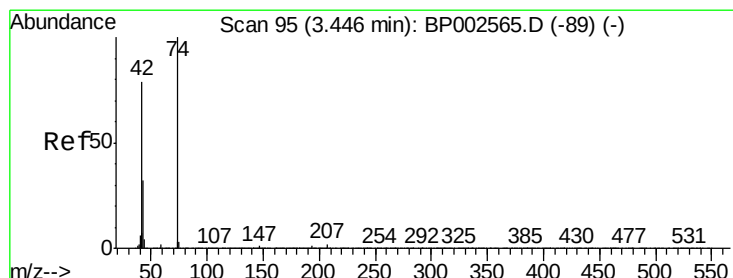
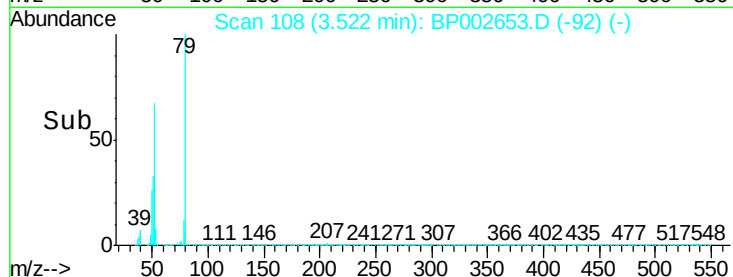
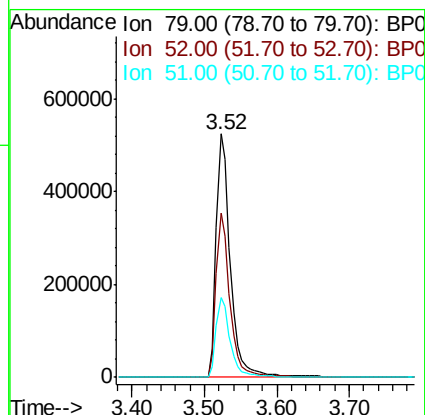
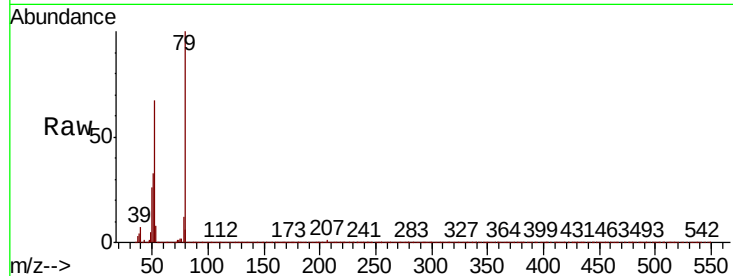




#3
 Pvridine
 Concen: 33.257 ng
 RT: 3.52 min Scan# 108
 Delta R.T. -0.01 min
 Lab File: BP002653.D
 Acq: 07 Jul 2020 12:19

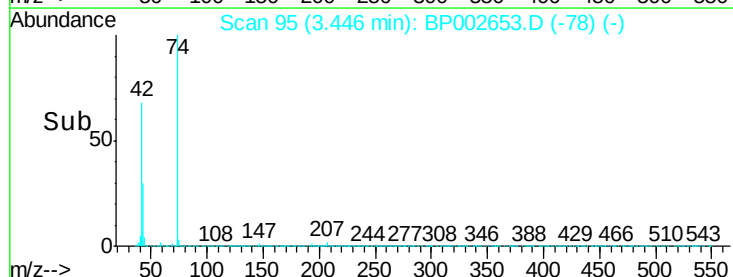
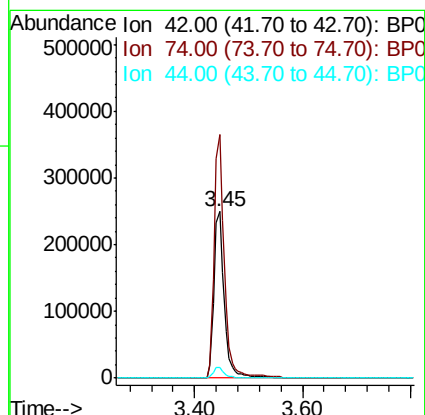
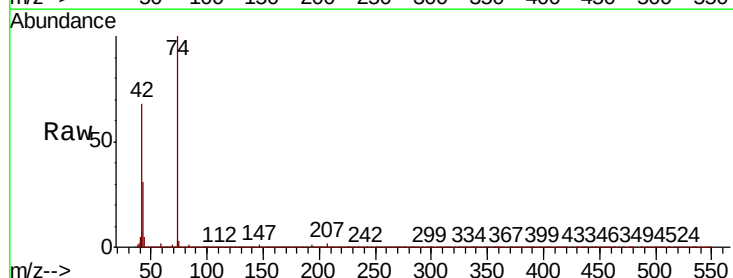
Instrument :
 BNA_P
 ClientSampleId :
 PB129929BSD

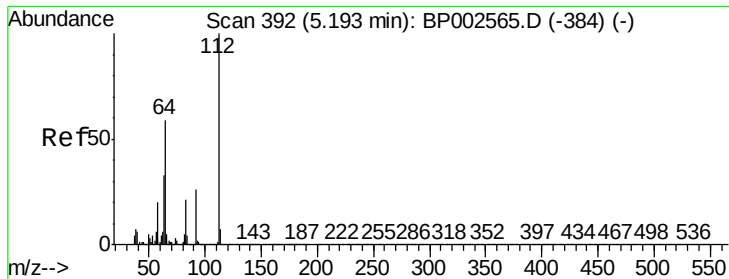
Tot Ion	Ratio	Lower	Upper
79	100		
52	67.2	54.5	81.7
51	32.9	27.8	41.6



#4
 n-Nitrosodimethylamine
 Concen: 35.975 ng
 RT: 3.45 min Scan# 95
 Delta R.T. -0.00 min
 Lab File: BP002653.D
 Acq: 07 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.5	101.7	152.5
44	6.7	4.9	7.3





#5

2-Fluorophenol

Concen: 78.190 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

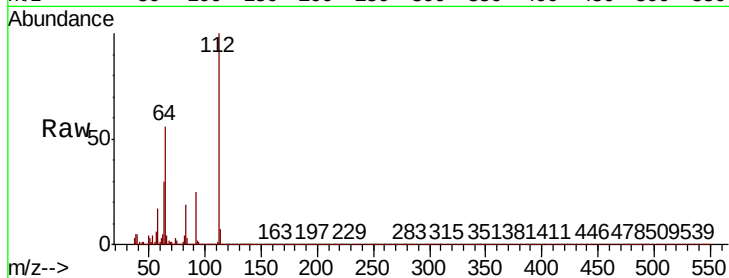
Tot Ion:112 Resp: 1325852

Ion Ratio Lower Upper

112 100

64 56.5 47.0 70.6

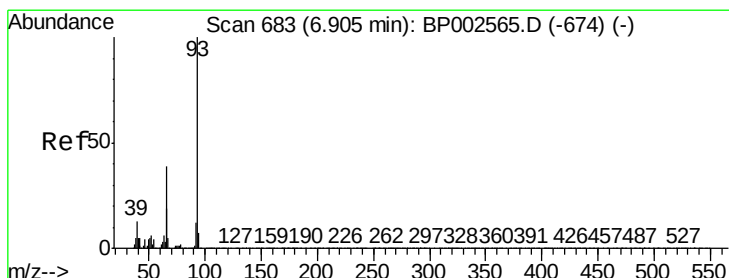
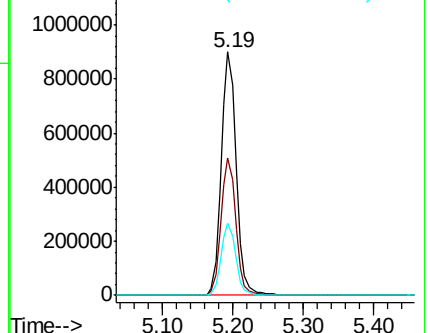
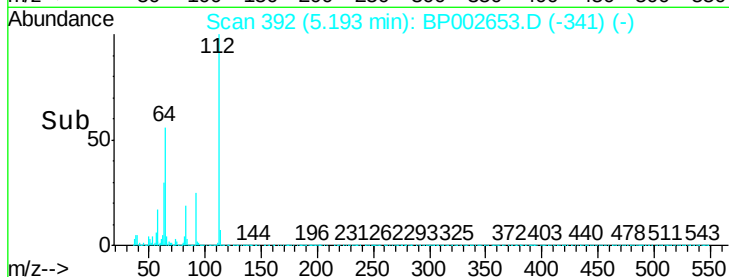
63 29.5 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 30.473 ng

RT: 6.90 min Scan# 683

Delta R.T. -0.00 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

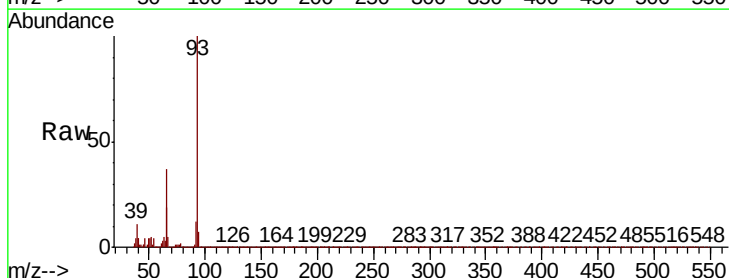
Tgt Ion: 93 Resp: 906032

Ion Ratio Lower Upper

93 100

66 37.4 31.6 47.4

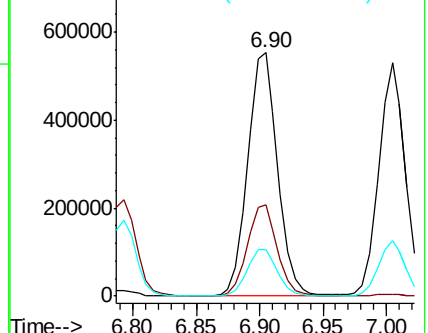
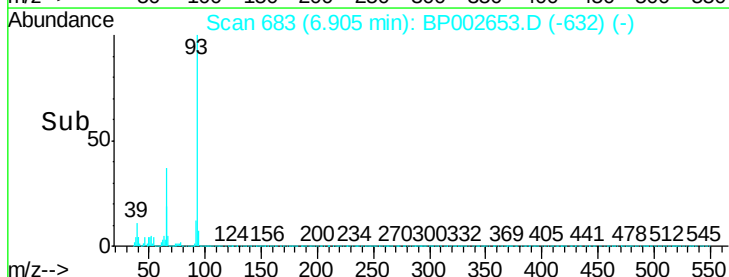
65 19.1 15.7 23.5

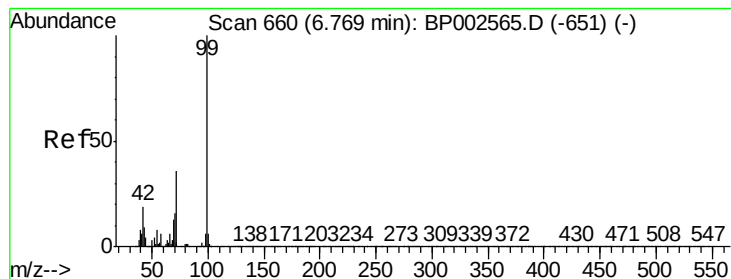


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 68.732 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

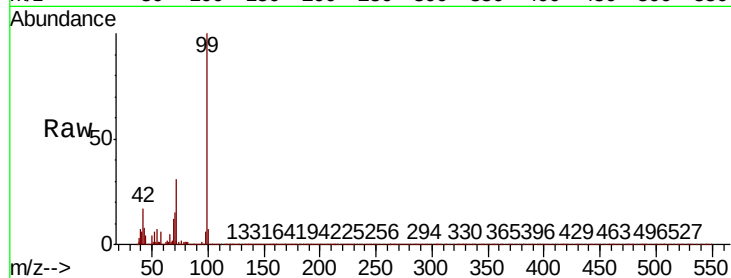
Tot Ion: 99 Resp: 1626686

Ion	Ratio	Lower	Upper
99	100		
42	17.1	15.5	23.3
71	31.5	28.9	43.3

99 100

42 17.1 15.5 23.3

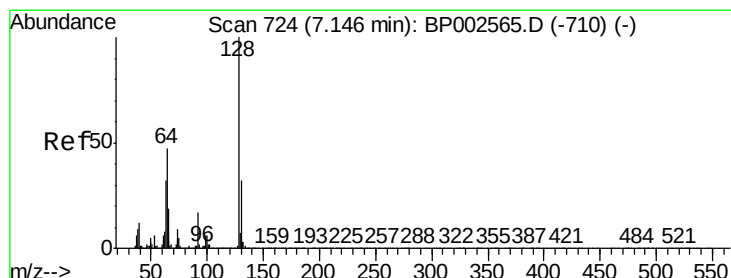
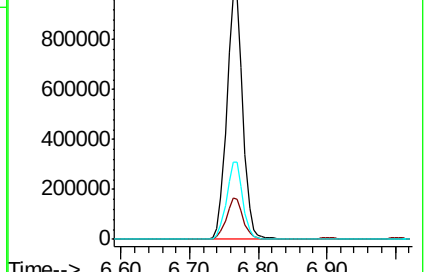
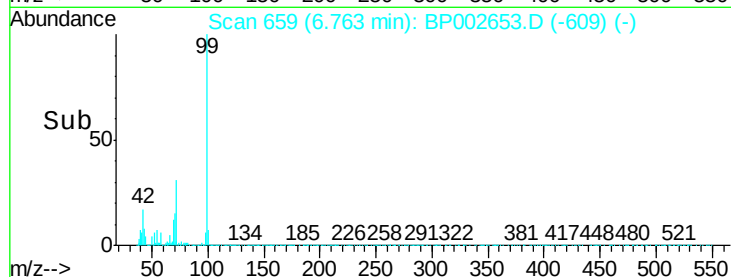
71 31.5 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 41.319 ng

RT: 7.14 min Scan# 723

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

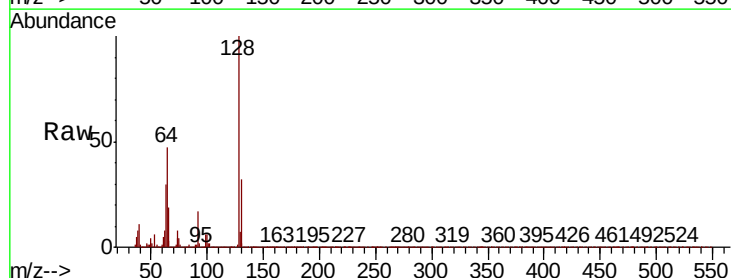
Tgt Ion: 128 Resp: 778279

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.8	51.8
64	47.2	26.9	66.9

128 100

130 32.3 11.8 51.8

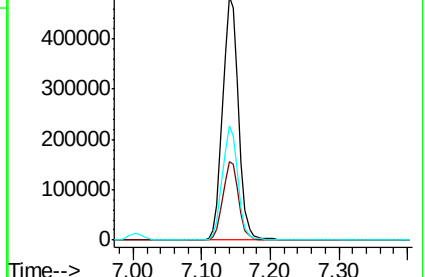
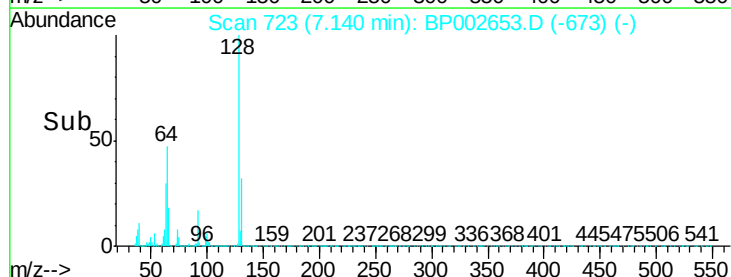
64 47.2 26.9 66.9

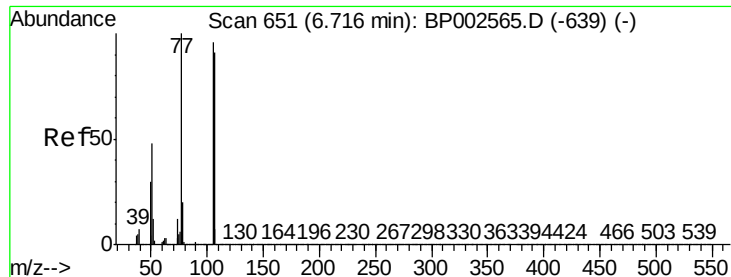


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 20.751 ng

RT: 6.72 min Scan# 651

Delta R.T. 0.00 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

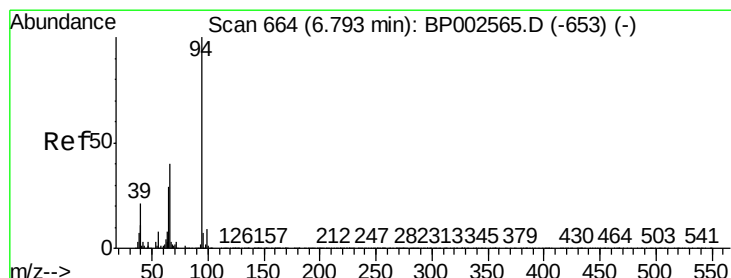
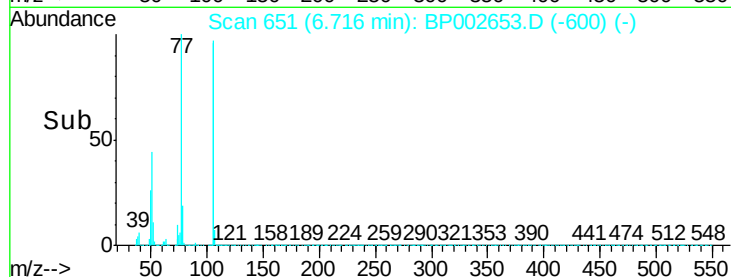
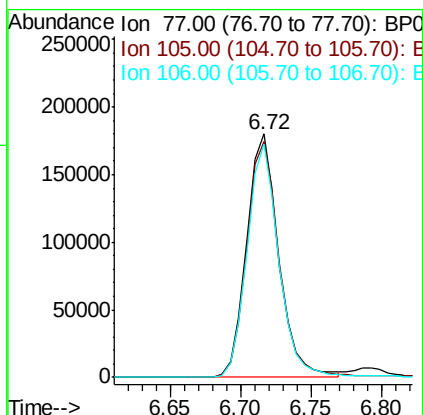
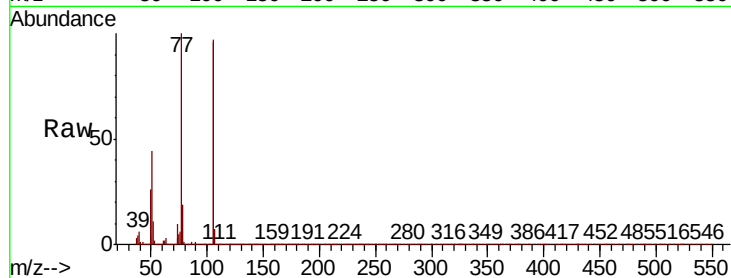
Tot Ion: 77 Resp: 286018

Ion Ratio Lower Upper

77 100

105 97.1 76.5 116.5

106 96.0 70.9 110.9



#10

Phenol

Concen: 40.068 ng

RT: 6.79 min Scan# 664

Delta R.T. -0.00 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

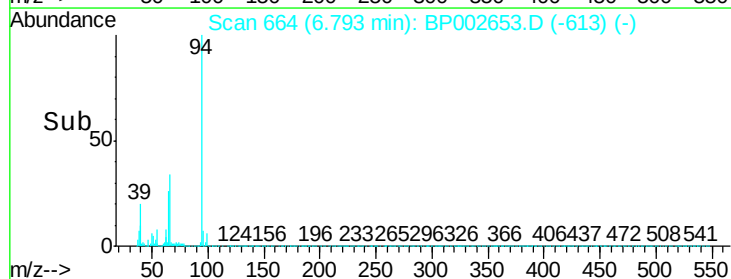
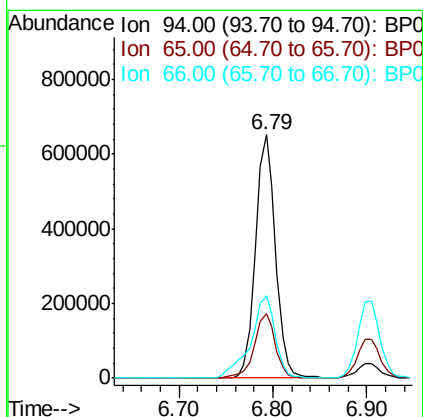
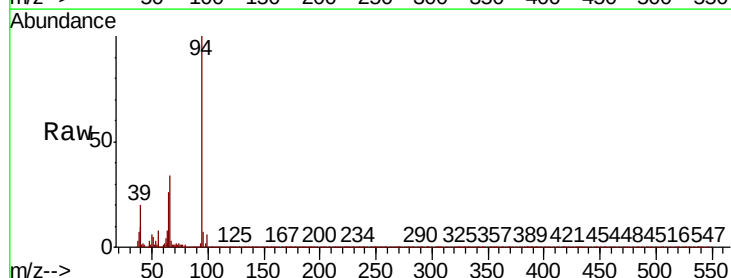
Tgt Ion: 94 Resp: 956297

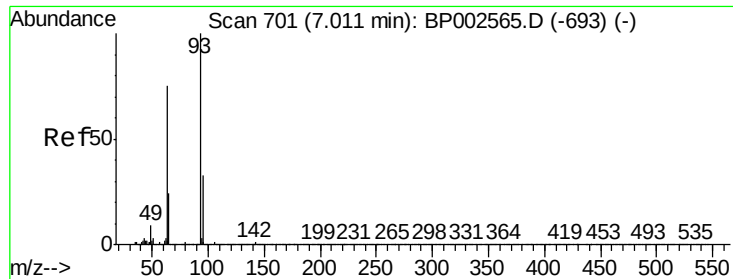
Ion Ratio Lower Upper

94 100

65 26.4 8.8 48.8

66 33.8 19.9 59.9

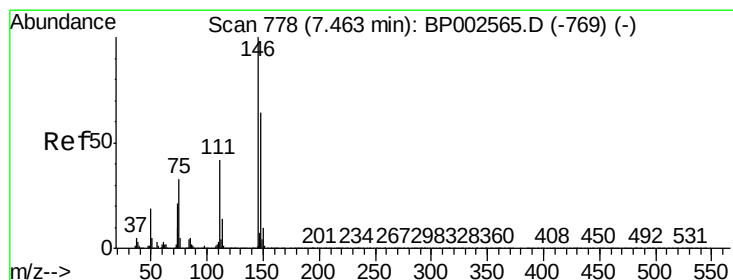
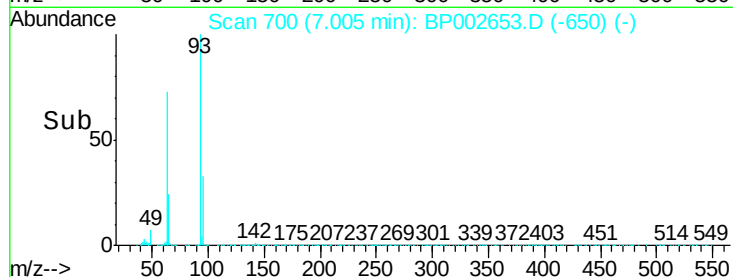
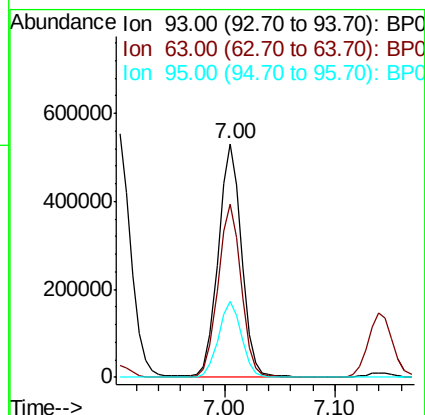
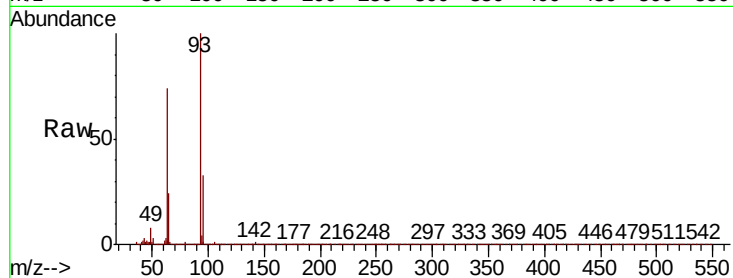




#11
bis(2-Chloroethyl)ether
Concen: 39.642 ng
RT: 7.00 min Scan# 700
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

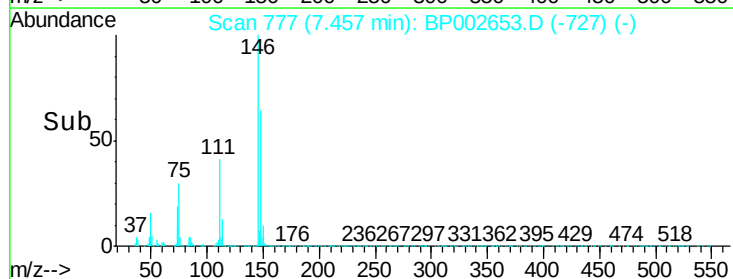
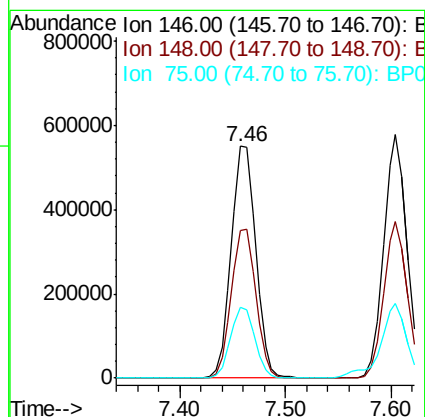
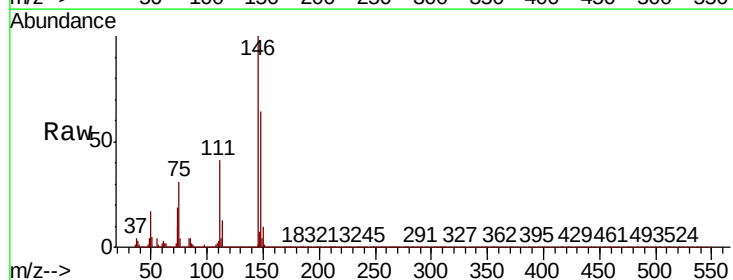
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

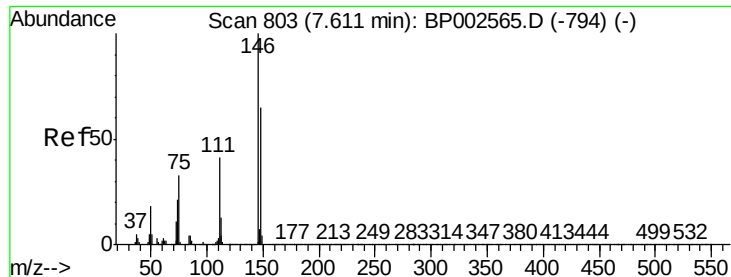
Tot Ion	Ratio	Lower	Upper
93	100		
63	73.9	54.5	94.5
95	32.6	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 40.654 ng
RT: 7.46 min Scan# 777
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
75	30.7	26.1	39.1

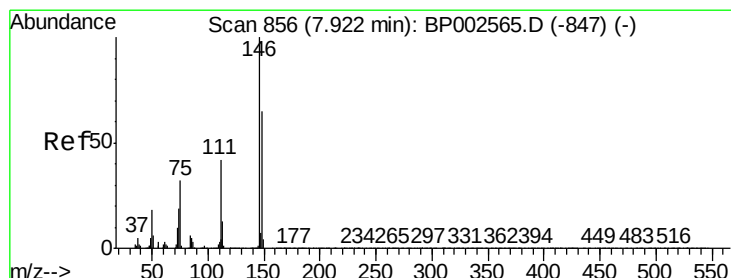
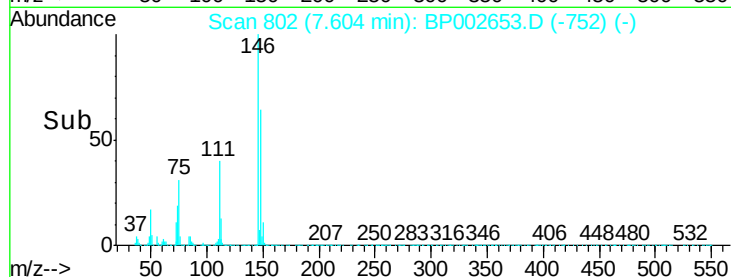
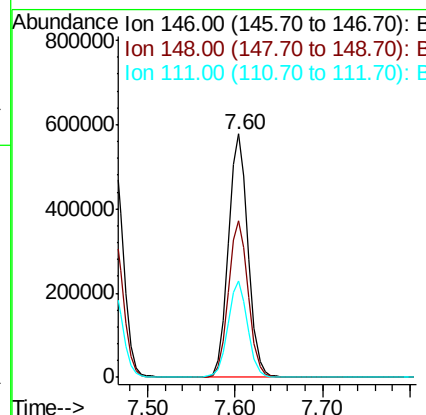
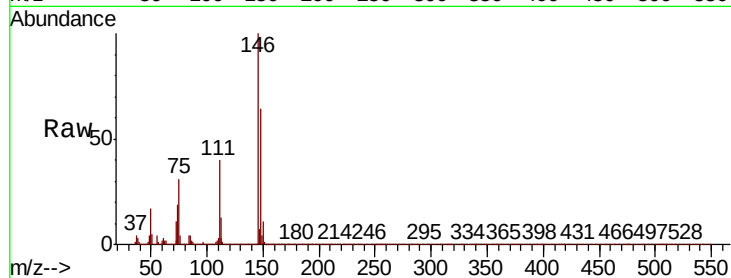




#13
1,4-Dichlorobenzene
Concen: 40.222 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

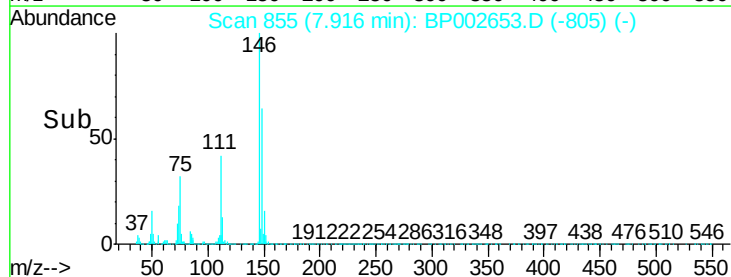
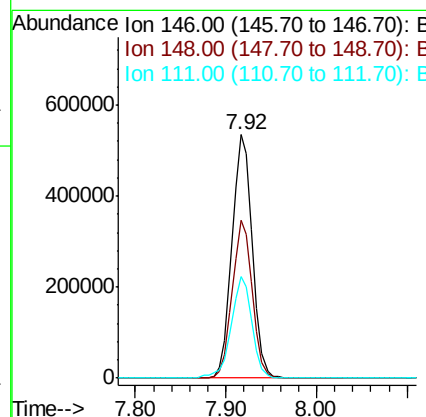
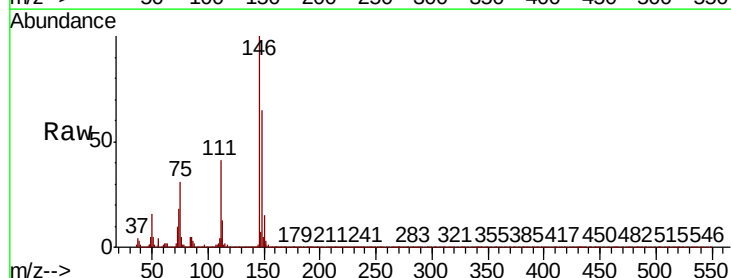
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

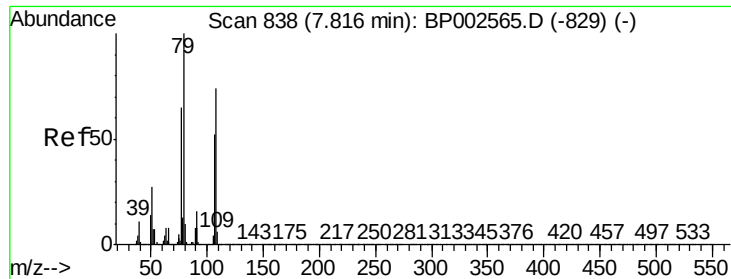
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	39.6	32.8	49.2



#14
1,2-Dichlorobenzene
Concen: 38.861 ng
RT: 7.92 min Scan# 855
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	41.5	34.1	51.1





#15

Benzyl Alcohol

Concen: 33.881 ng

RT: 7.81 min Scan# 837

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

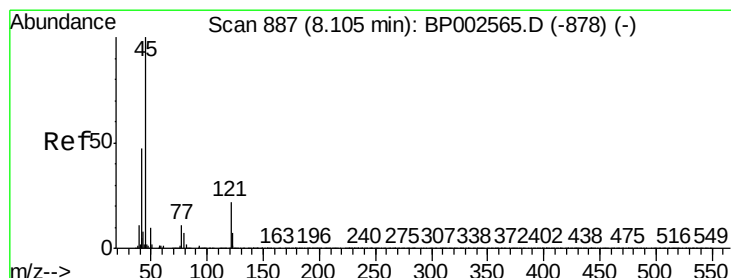
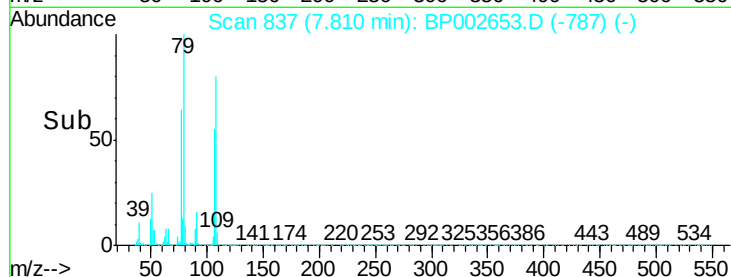
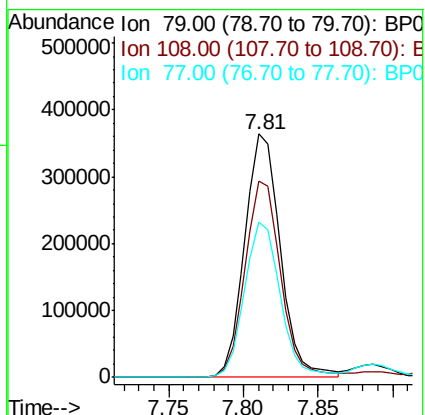
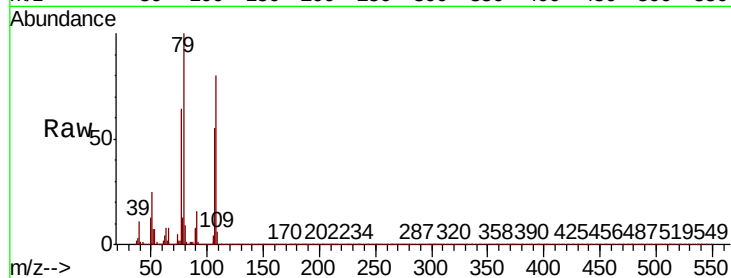
Tot Ion: 79 Resp: 602527

Ion Ratio Lower Upper

79 100

108 80.4 59.4 89.2

77 63.9 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.384 ng

RT: 8.10 min Scan# 887

Delta R.T. -0.00 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

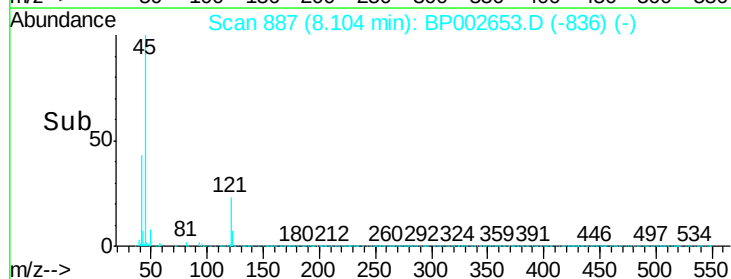
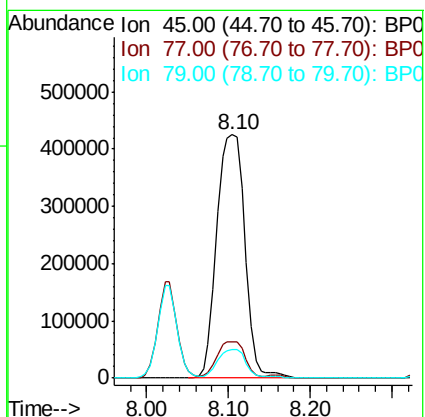
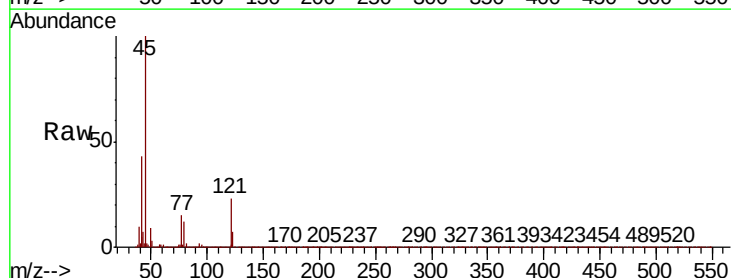
Tgt Ion: 45 Resp: 1020303

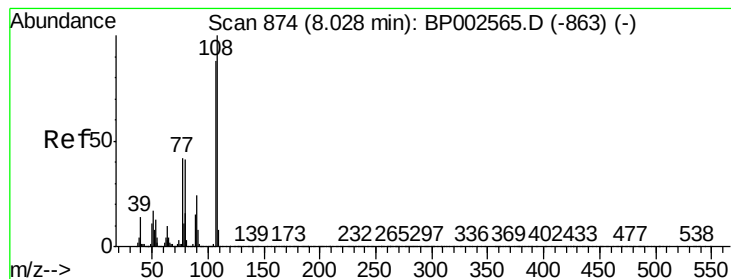
Ion Ratio Lower Upper

45 100

77 15.0 0.0 35.0

79 11.6 0.0 31.1

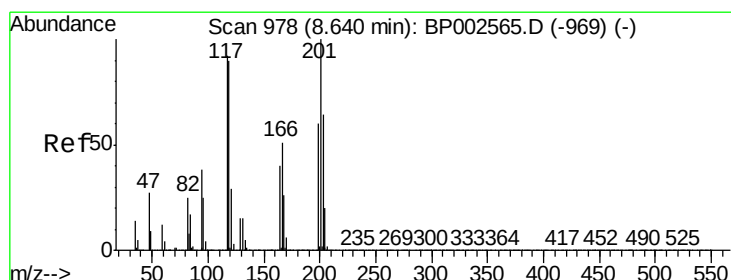
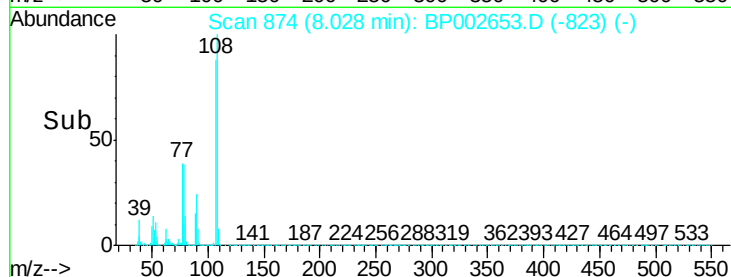
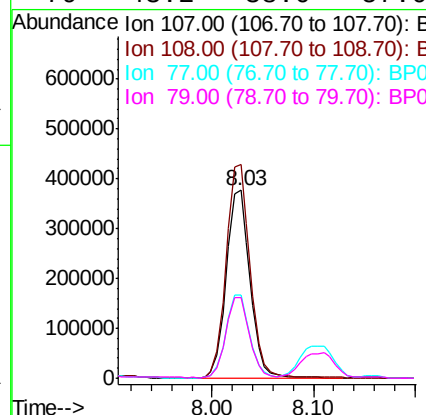
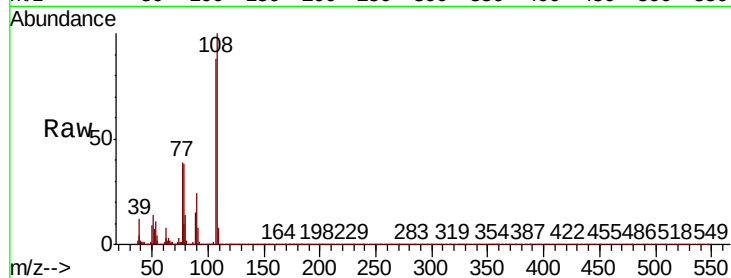




#17
2-Methylphenol
Concen: 34.204 ng
RT: 8.03 min Scan# 874
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

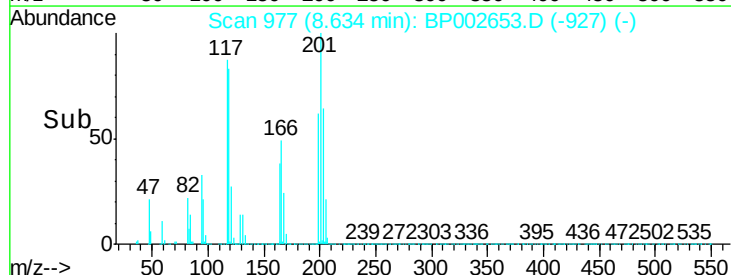
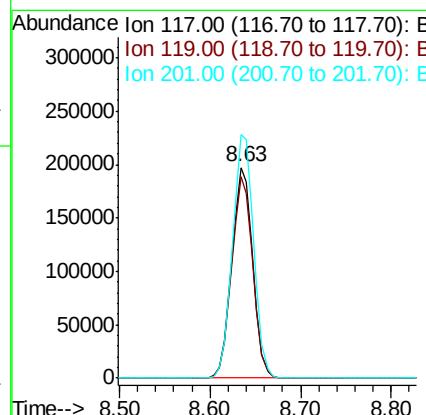
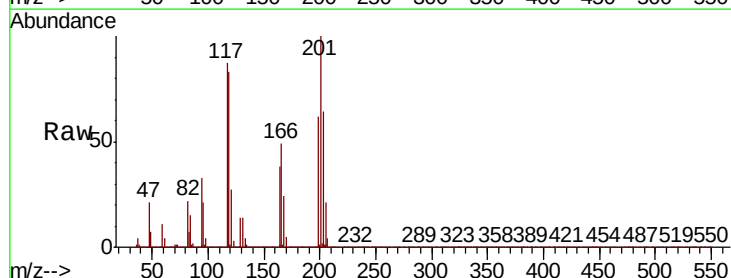
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

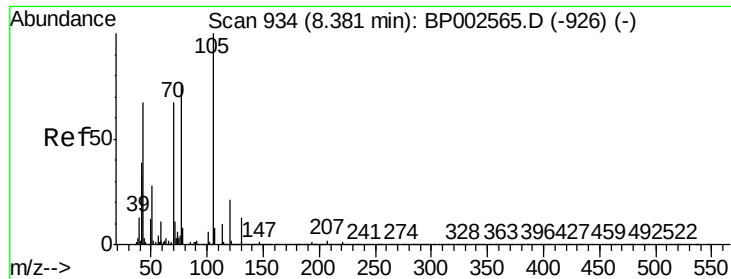
Tot Ion:	107	Resp:	611045
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.4	137.0
77	44.5	38.7	58.1
79	43.2	38.0	57.0



#18
Hexachloroethane
Concen: 39.595 ng
RT: 8.63 min Scan# 977
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:	117	Resp:	316441
Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.2	117.4
201	115.4	87.0	130.6

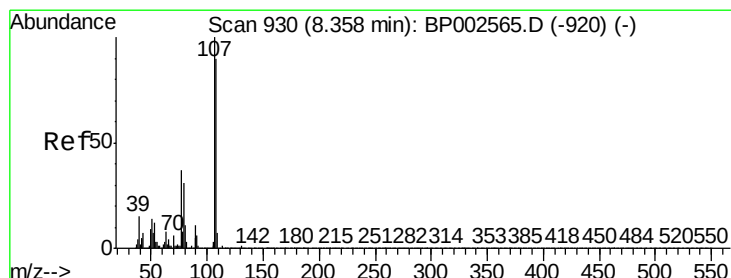
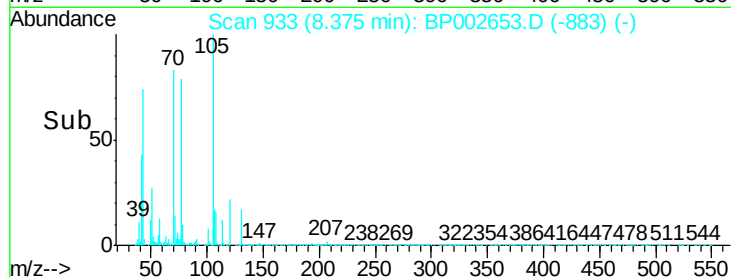
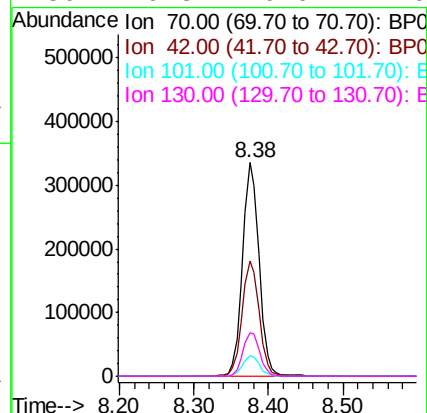
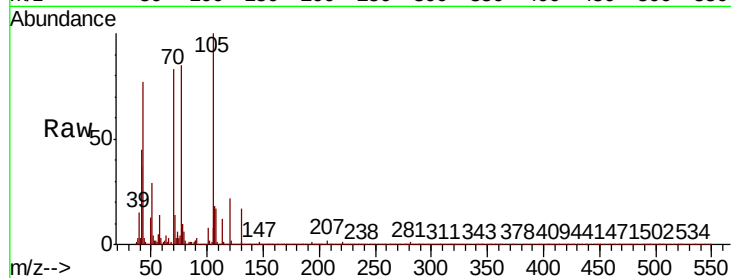




#19
n-Nitroso-di-n-propylamine
Concen: 33.260 ng
RT: 8.38 min Scan# 933
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

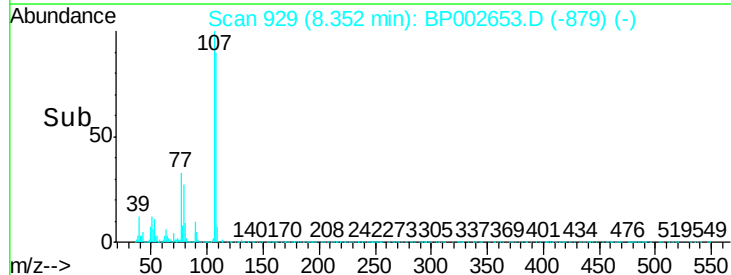
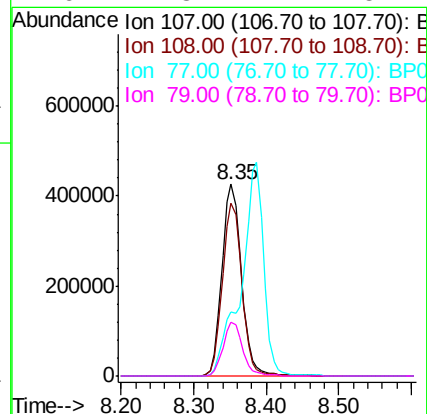
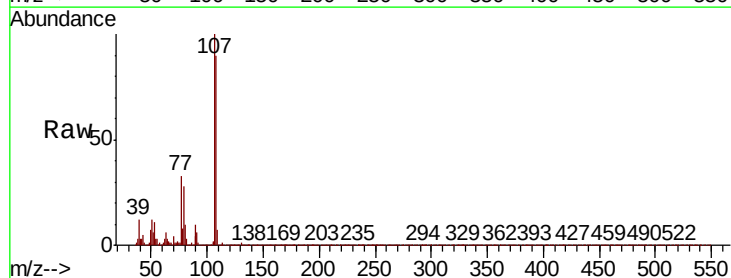
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

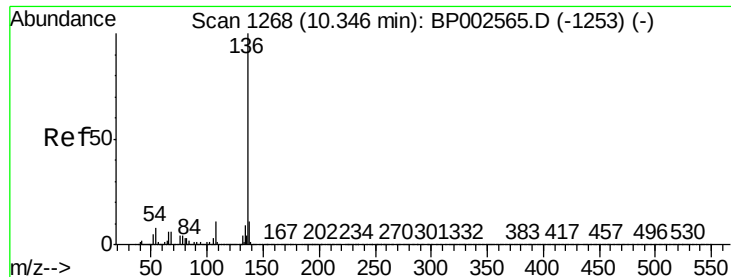
Tot Ion:	70	Resp:	516470
Ion	Ratio	Lower	Upper
70	100		
42	54.0	46.7	70.1
101	9.6	7.5	11.3
130	20.3	16.0	24.0



#20
3+4-Methylphenols
Concen: 33.346 ng
RT: 8.35 min Scan# 929
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:	107	Resp:	803130
Ion	Ratio	Lower	Upper
107	100		
108	90.2	70.4	110.4
77	33.4	16.7	56.7
79	27.8	11.1	51.1

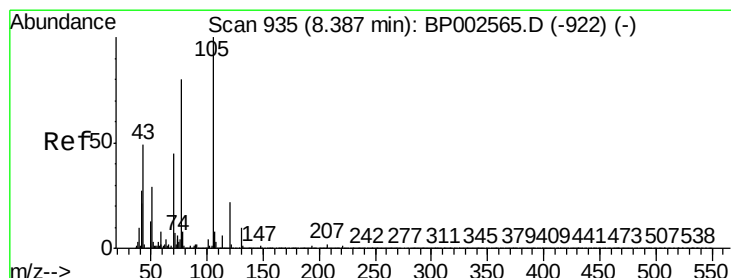
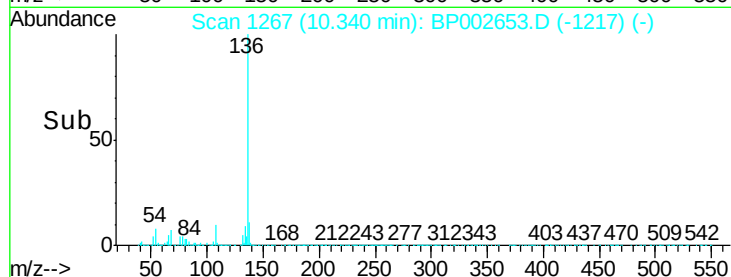
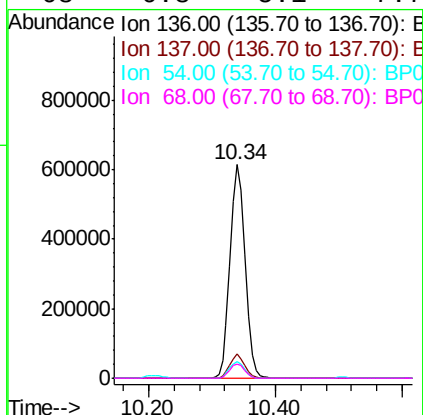
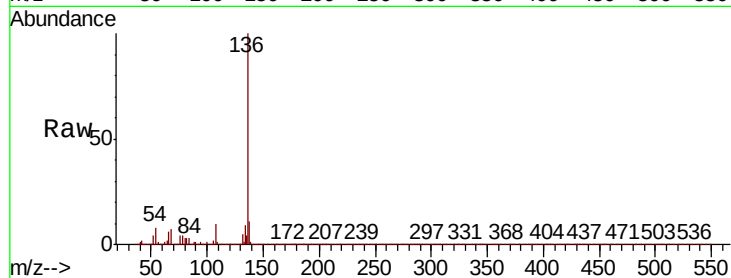




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

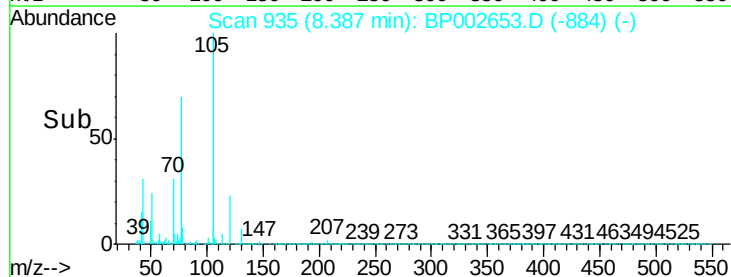
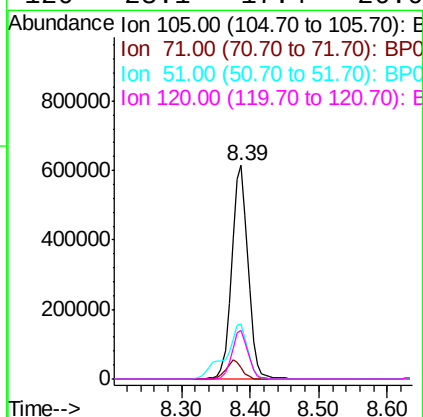
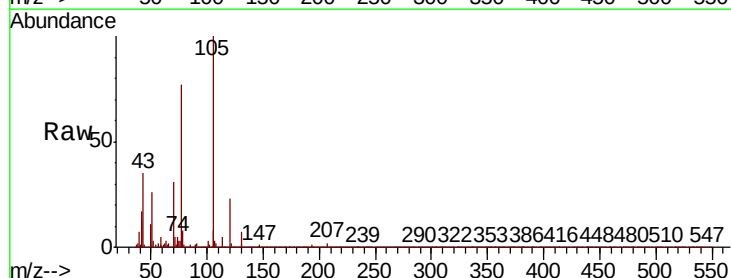
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

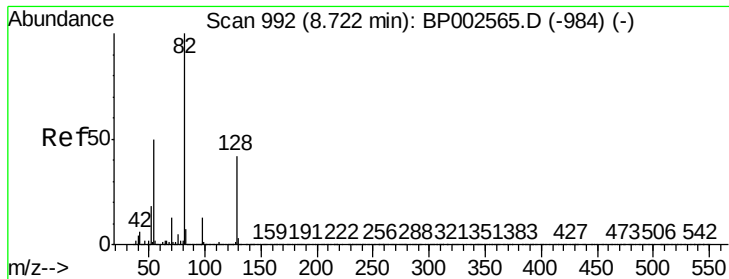
Tot Ion:136	Resp: 1006041
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 7.8	6.4 9.6
68 6.8	5.1 7.7



#22
Acetophenone
Concen: 39.718 ng
RT: 8.39 min Scan# 935
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt	Ion:105	Resp:	1011367
Ion	Ratio	Lower	Upper
105	100		
71	5.2	5.8	8.8#
51	25.7	23.3	34.9
120	23.1	17.4	26.0

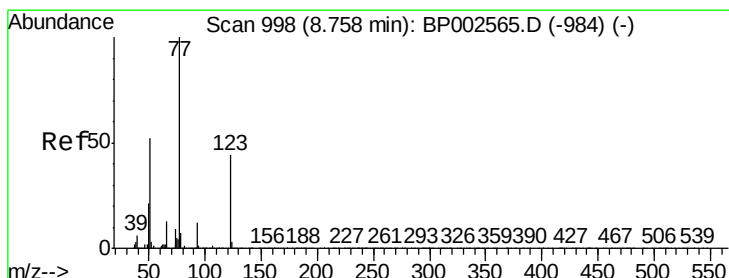
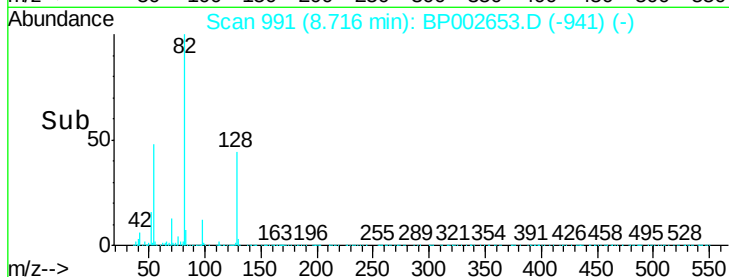
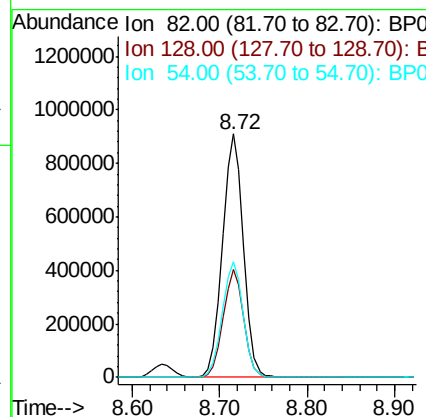
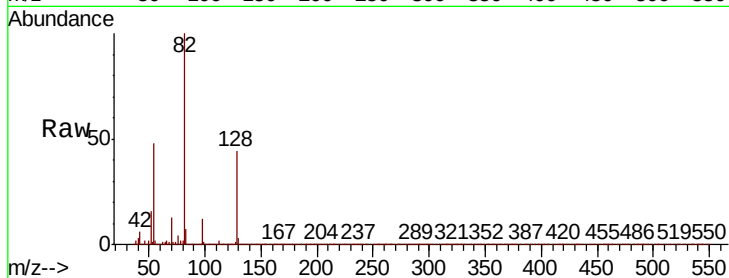




#23
Nitrobenzene-d5
Concen: 76.937 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

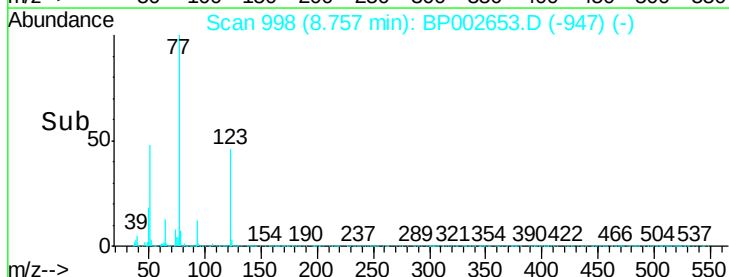
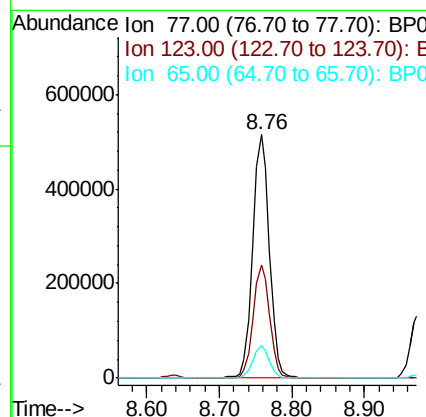
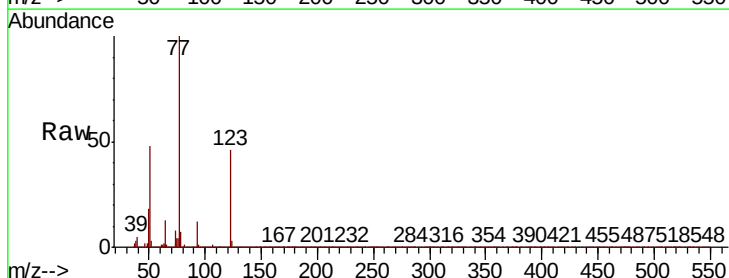
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

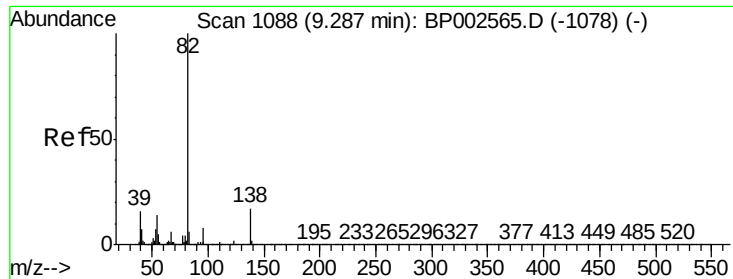
Tot Ion: 82 Resp: 1502206
Ion Ratio Lower Upper
82 100
128 44.1 33.4 50.2
54 47.7 40.1 60.1



#24
Nitrobenzene
Concen: 39.816 ng
RT: 8.76 min Scan# 998
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion: 77 Resp: 822865
Ion Ratio Lower Upper
77 100
123 46.3 35.3 52.9
65 13.3 10.6 16.0

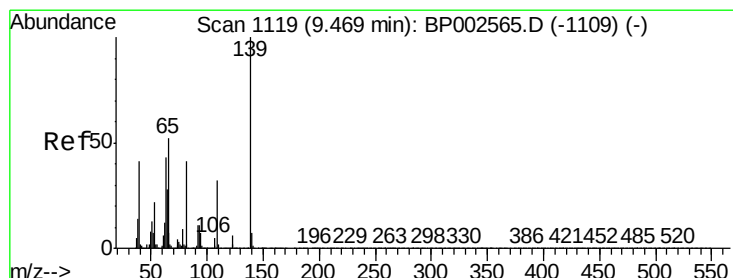
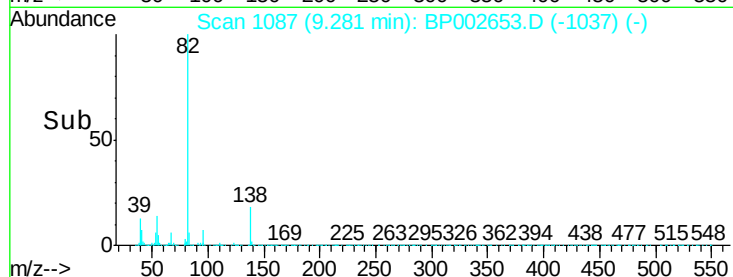
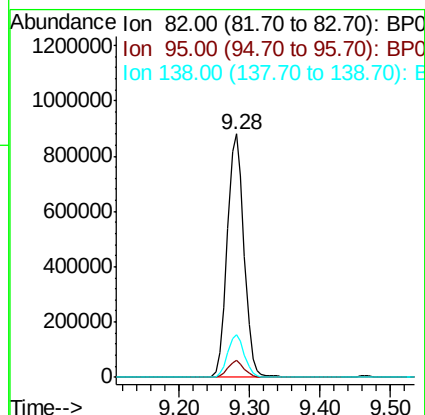
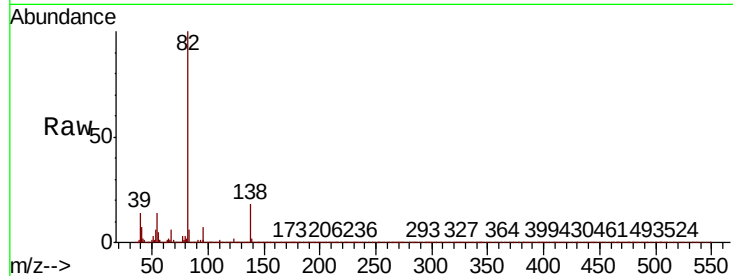




#25
Isophorone
Concen: 37.094 ng
RT: 9.28 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

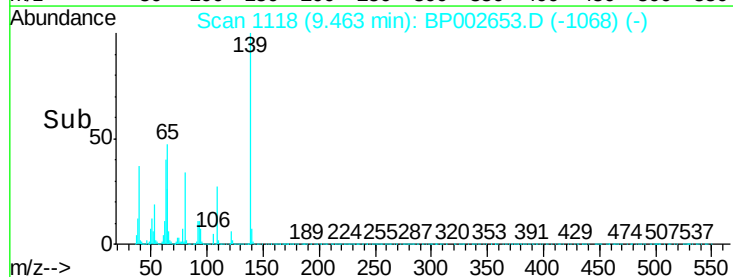
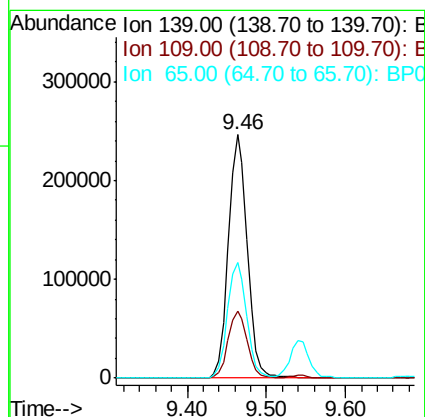
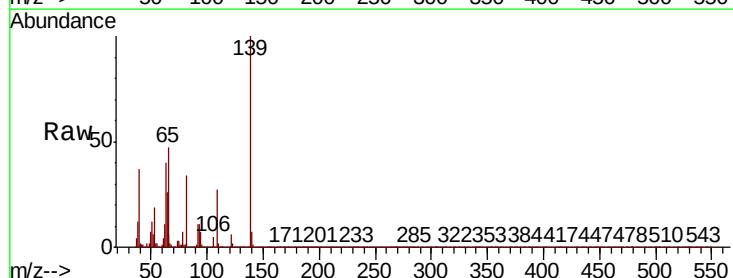
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

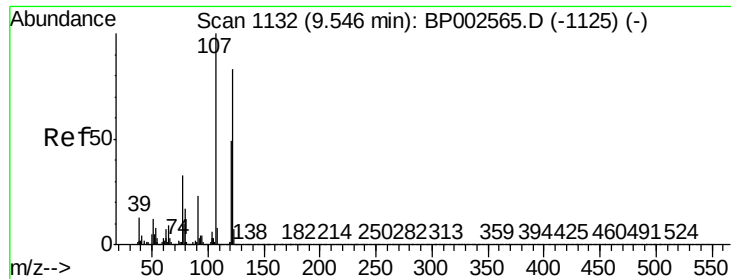
Tot Ion: 82 Resp: 1451634
Ion Ratio Lower Upper
82 100
95 6.8 6.0 9.0
138 17.7 13.8 20.8



#26
2-Nitrophenol
Concen: 43.110 ng
RT: 9.46 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion: 139 Resp: 406335
Ion Ratio Lower Upper
139 100
109 27.4 26.0 39.0
65 47.4 41.9 62.9

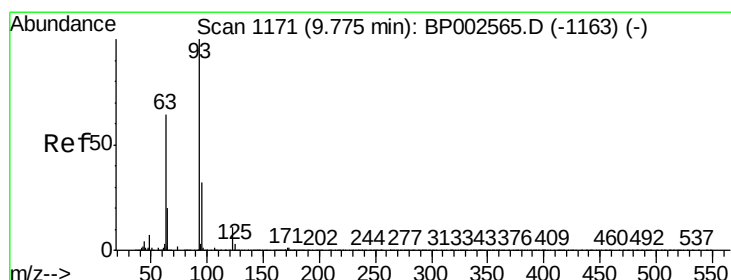
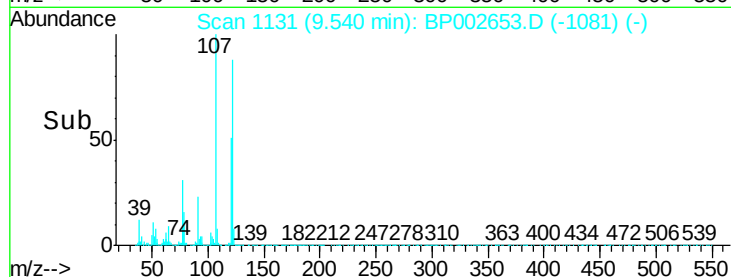
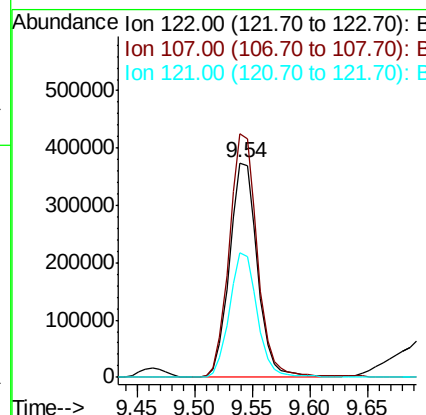
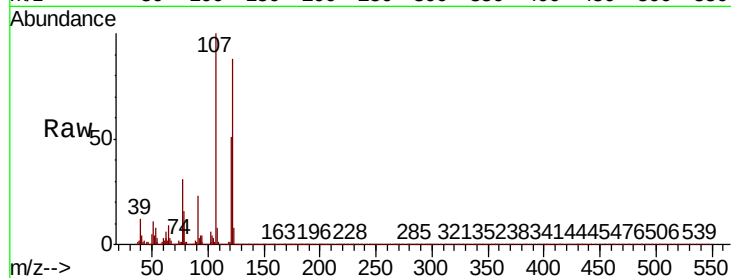




#27
2,4-Dimethylphenol
Concen: 43.854 ng
RT: 9.54 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

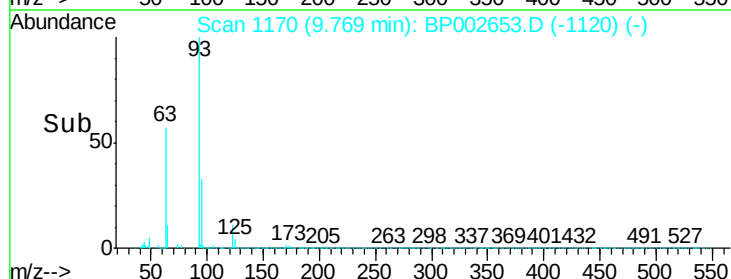
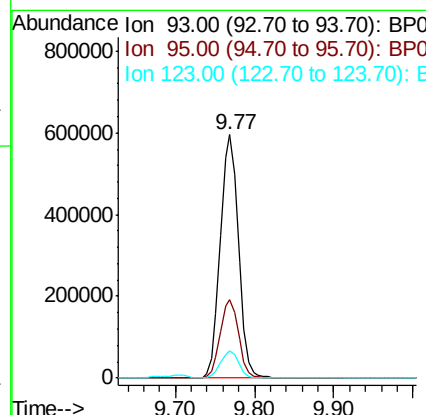
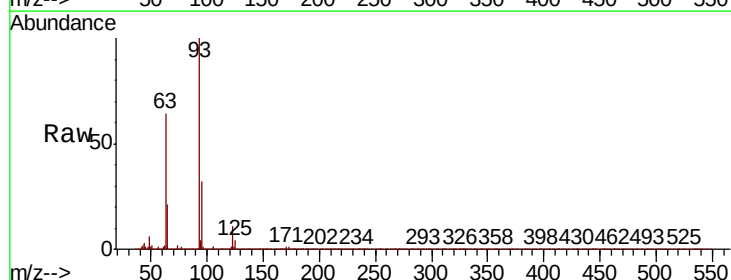
Instrument :
BNA_P
ClientSampled :
PB129929BSD

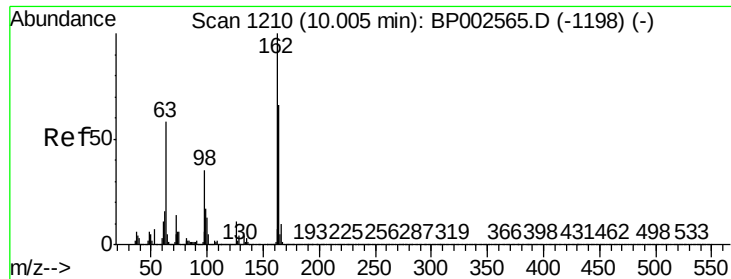
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.5	95.9	143.9
121	57.9	47.0	70.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.101 ng
RT: 9.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.5	38.3
123	11.3	8.7	13.1

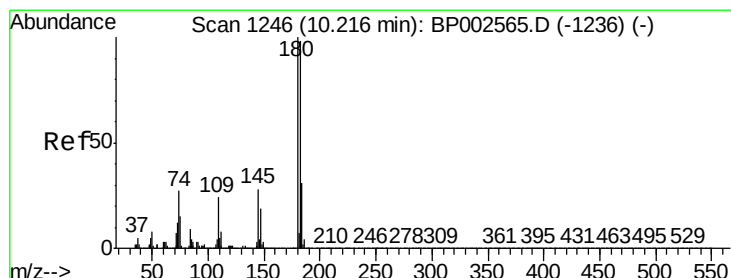
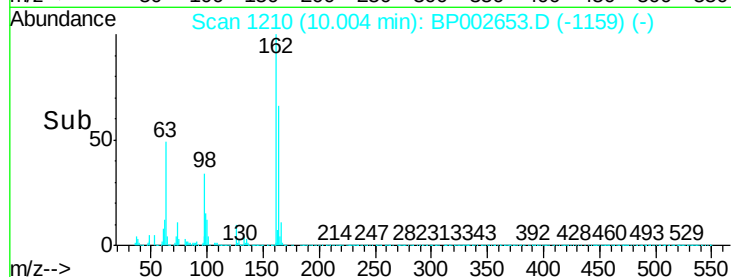
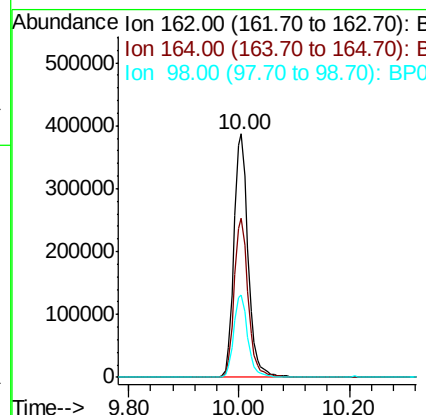
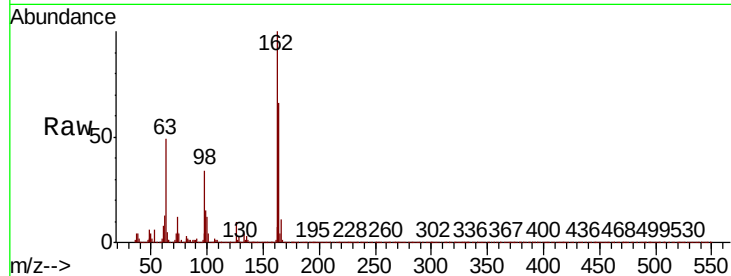




#29
2,4-Dichlorophenol
Concen: 42.666 ng
RT: 10.00 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

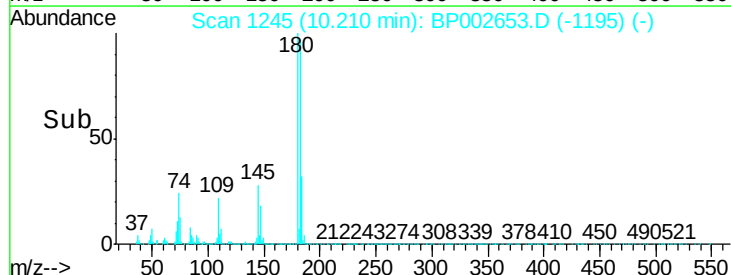
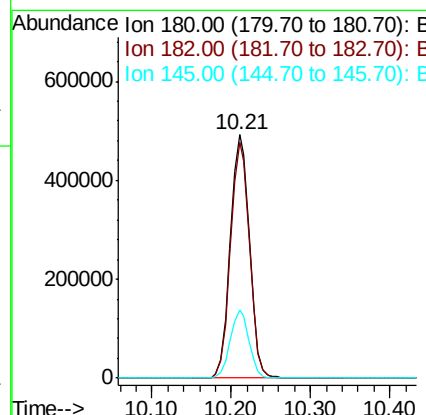
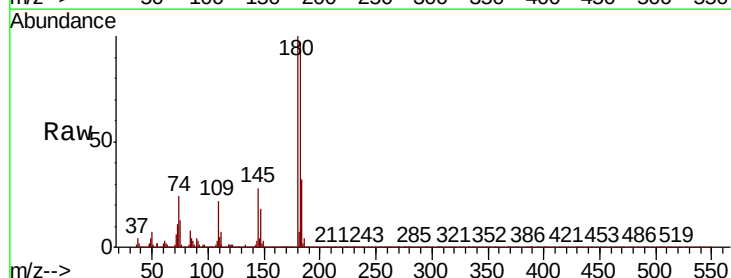
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

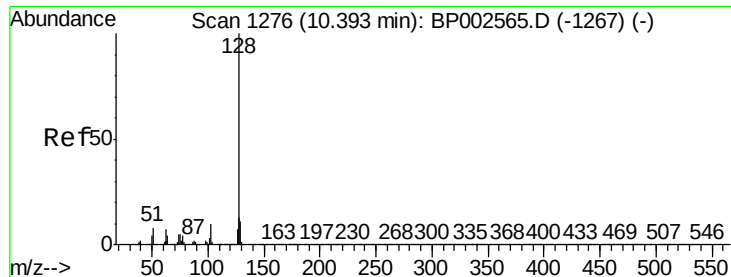
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	46.1	86.1
98	33.7	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 44.374 ng
RT: 10.21 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.2	117.2
145	27.9	22.6	34.0

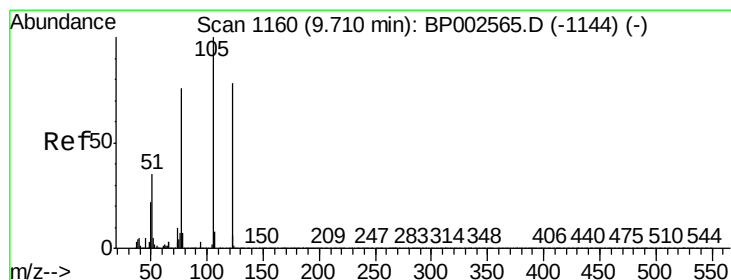
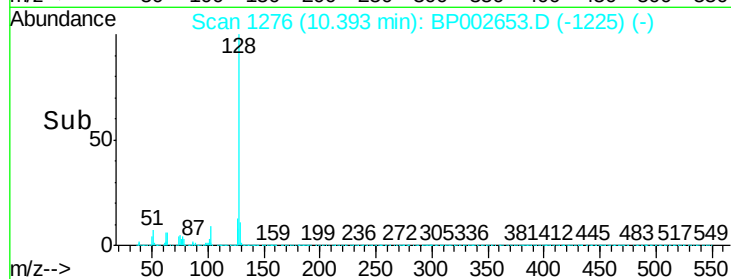
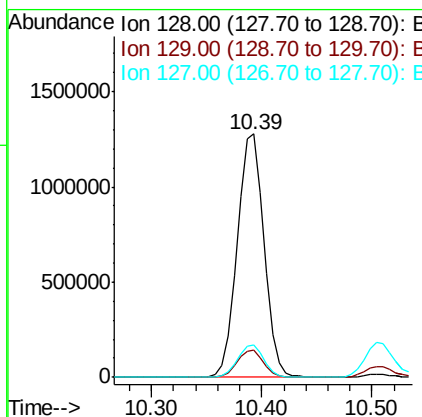
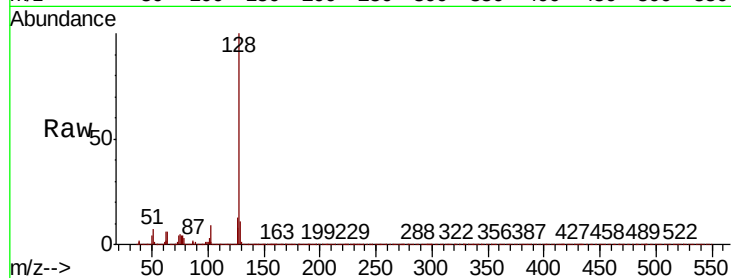




#31
Naphthalene
Concen: 40.978 ng
RT: 10.39 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

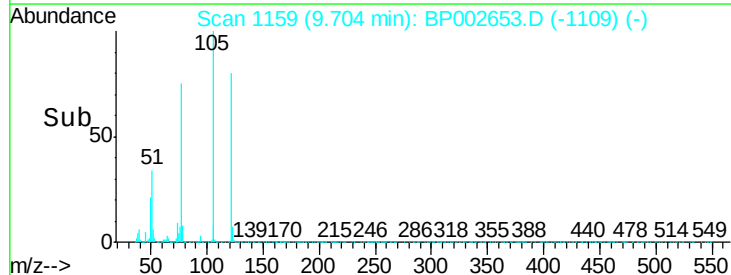
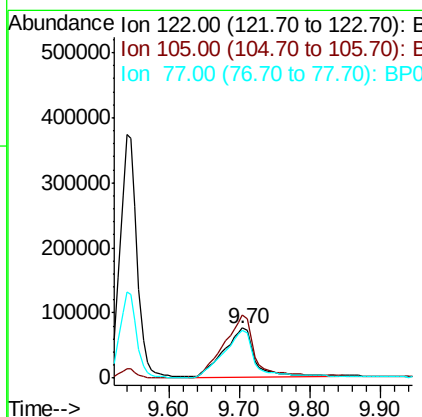
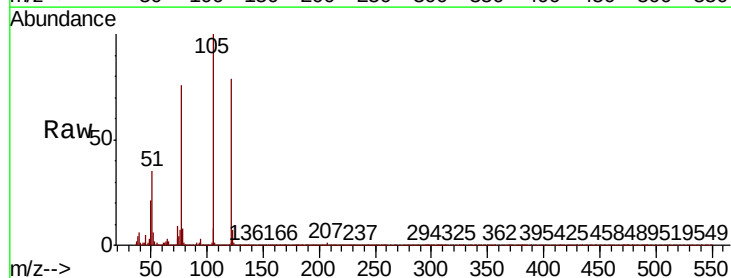
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

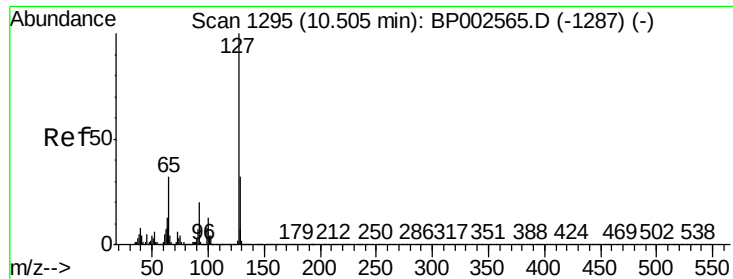
Tot Ion:128 Resp: 2182396
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.5 10.3 15.5



#32
Benzoic acid
Concen: 25.745 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:122 Resp: 233531
Ion Ratio Lower Upper
122 100
105 125.9 106.6 146.6
77 95.0 76.5 116.5

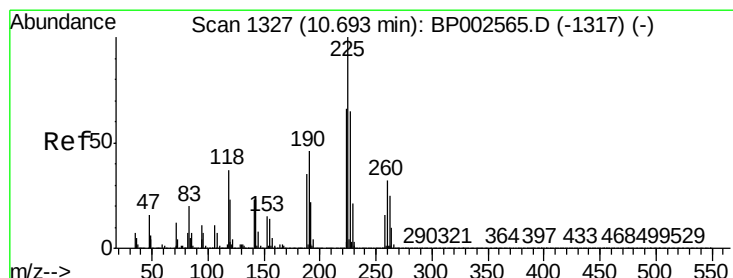
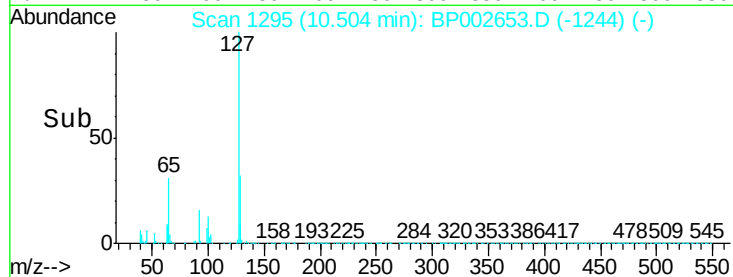
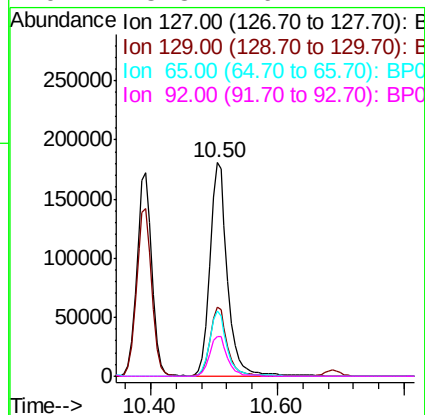
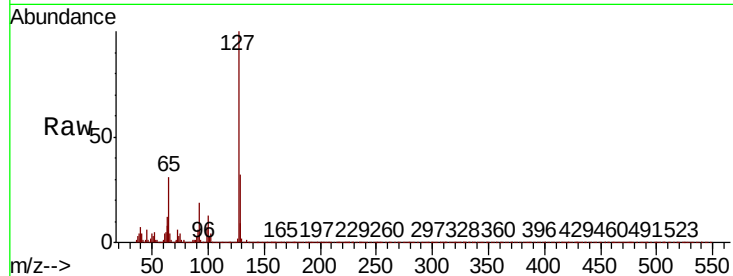




#33
4-Chloroaniline
Concen: 15.091 ng
RT: 10.50 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

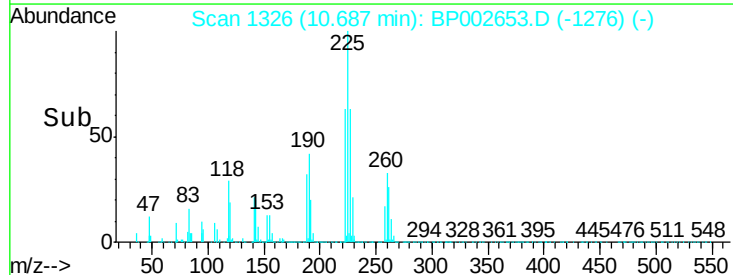
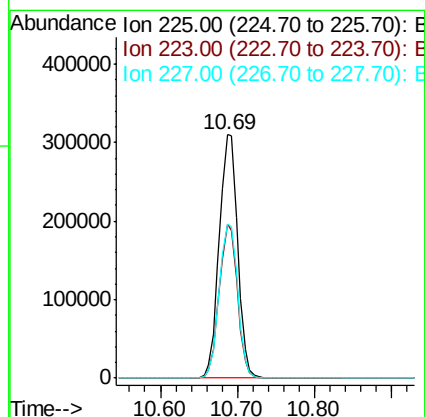
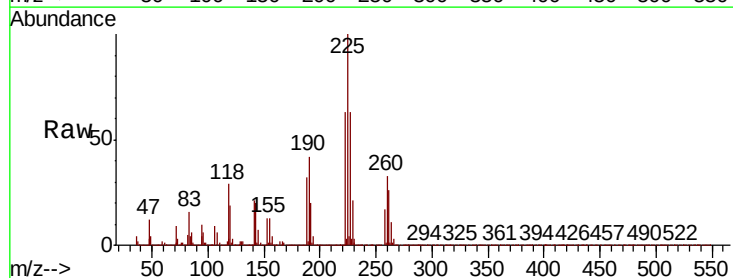
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

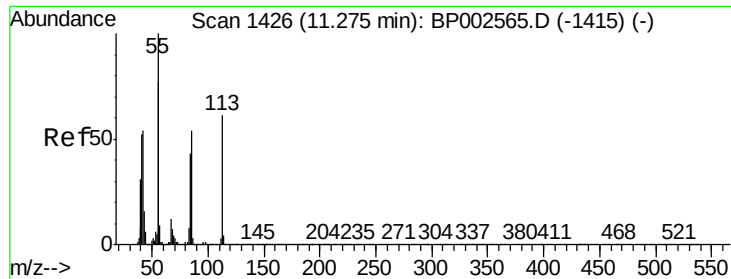
Tot Ion:	127	Resp:	351555
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.7	38.5
65	30.9	25.7	38.5
92	18.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 45.029 ng
RT: 10.69 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:	225	Resp:	510738
Ion	Ratio	Lower	Upper
225	100		
223	63.4	52.6	78.8
227	63.2	52.1	78.1

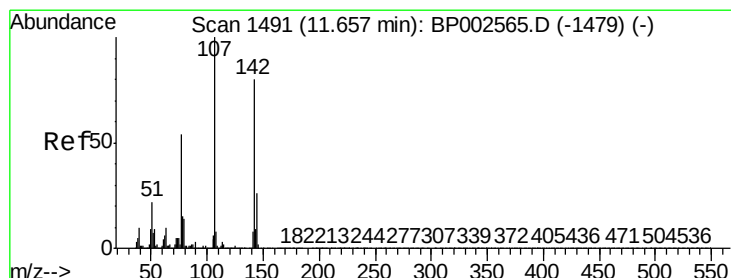
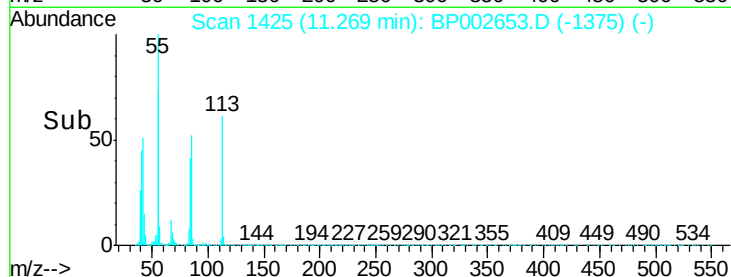
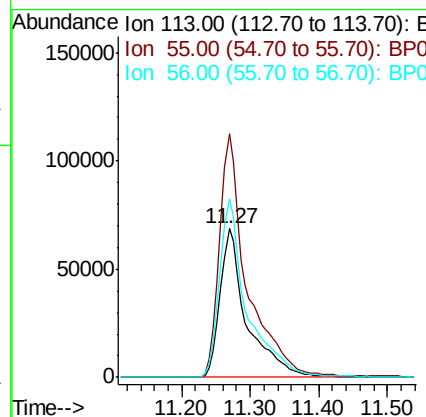
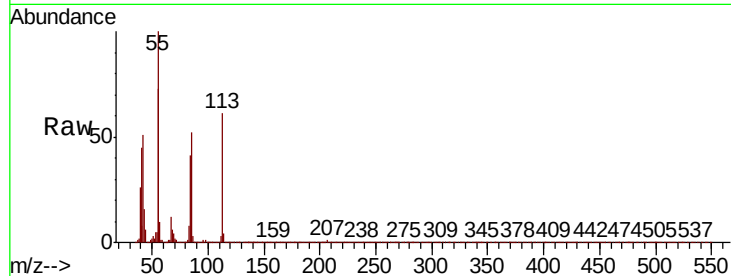




#35
Caprolactam
Concen: 33.568 ng
RT: 11.27 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

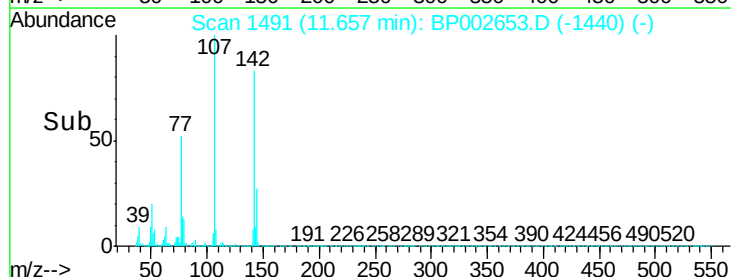
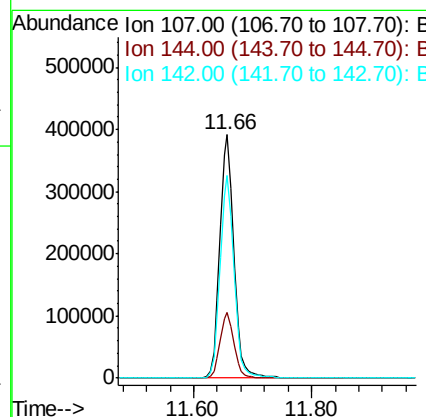
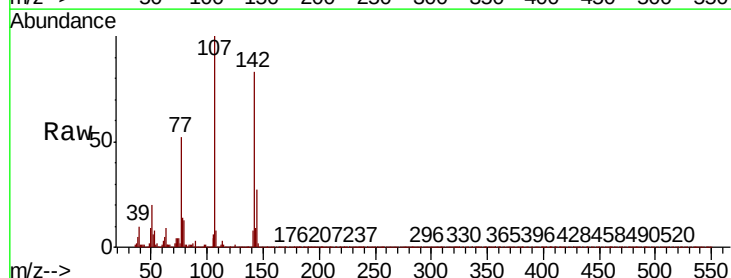
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

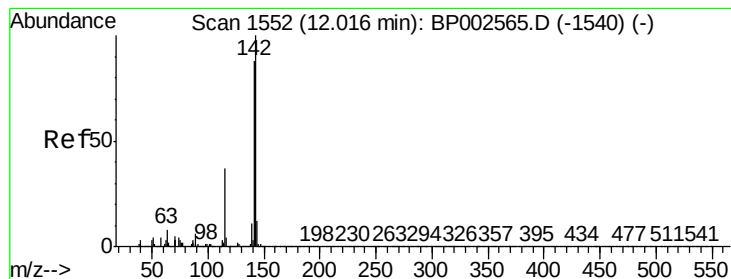
Tot Ion:113 Resp: 185735
Ion Ratio Lower Upper
113 100
55 163.8 143.7 183.7
56 120.3 105.2 145.2



#36
4-Chloro-3-methylphenol
Concen: 36.255 ng
RT: 11.66 min Scan# 1491
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:107 Resp: 654063
Ion Ratio Lower Upper
107 100
144 26.9 21.0 31.6
142 83.0 63.9 95.9





#37

2-Methylnaphthalene

Concen: 39.833 ng

RT: 12.02 min Scan# 1552

Delta R.T. -0.00 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

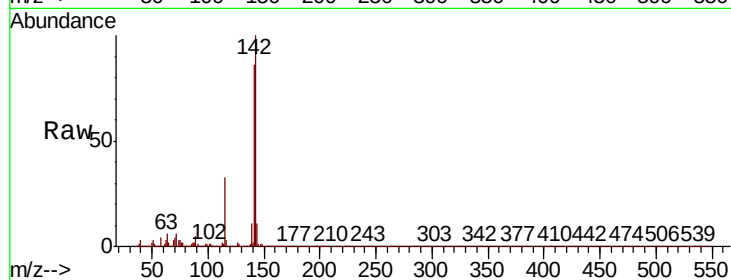
BNA_P

ClientSampleId :

PB129929BSD

Tot Ion:142 Resp: 1546797

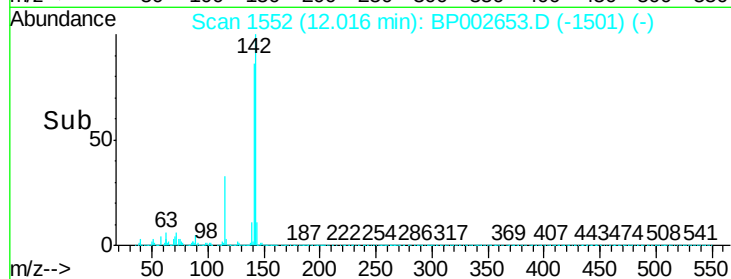
Ion	Ratio	Lower	Upper
142	100		
141	86.2	70.7	106.1
115	32.9	29.7	44.5



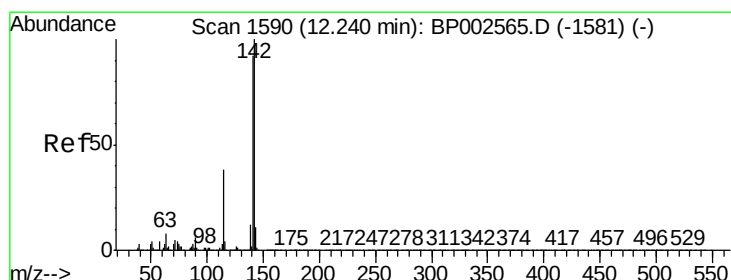
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#38

1-Methylnaphthalene

Concen: 39.370 ng

RT: 12.23 min Scan# 1589

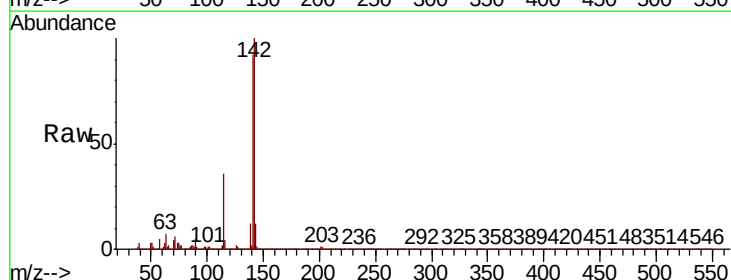
Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Tgt Ion:142 Resp: 1439847

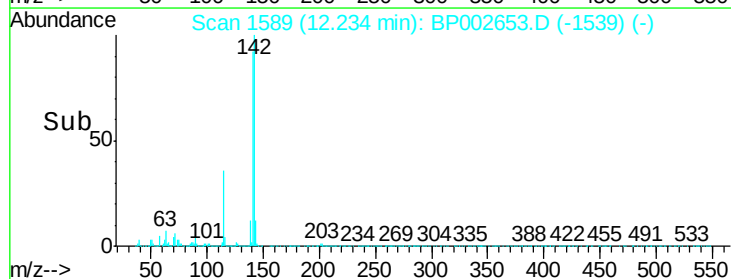
Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2
116	3.7	3.2	4.8



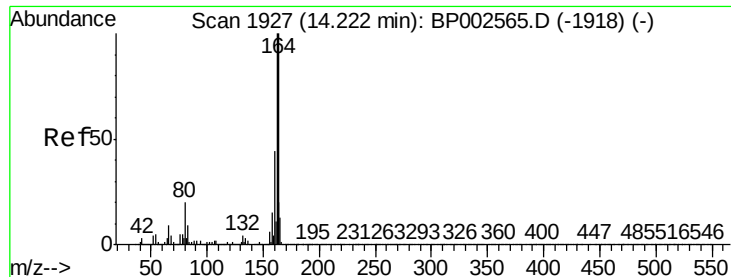
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1926

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

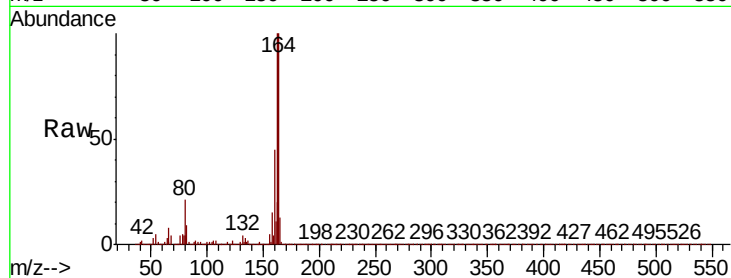
Tot Ion:164 Resp: 559590

Ion Ratio Lower Upper

164 100

162 100.1 80.3 120.5

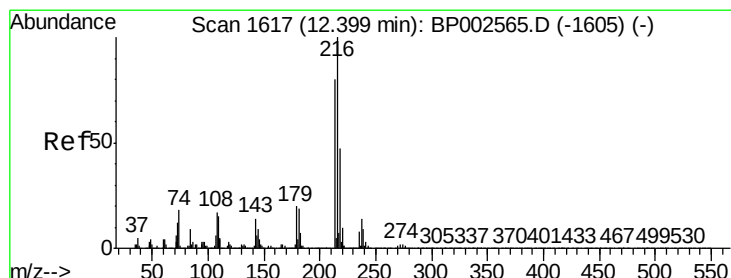
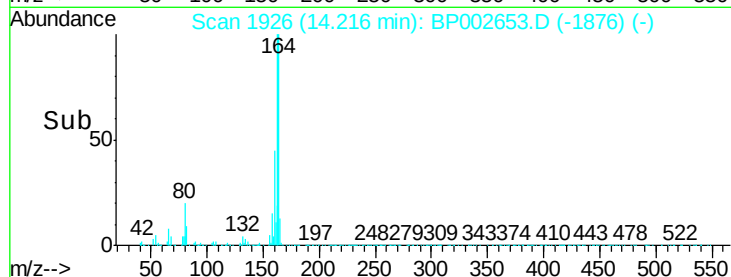
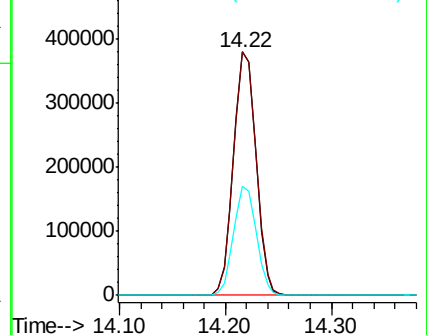
160 44.8 35.0 52.6



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: 47.598 ng

RT: 12.39 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Tgt Ion:216 Resp: 831699

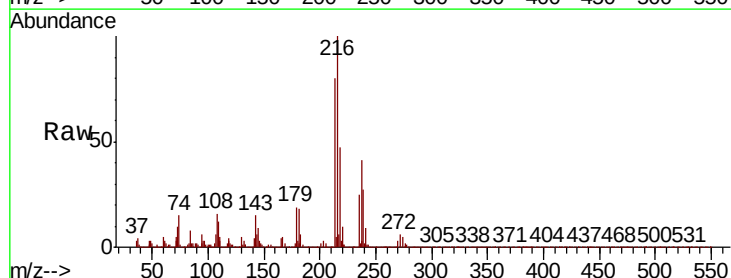
Ion Ratio Lower Upper

216 100

214 78.6 63.2 94.8

179 18.9 16.6 24.8

108 17.6 14.9 22.3

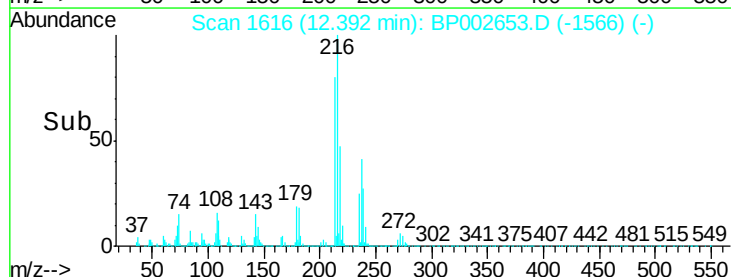
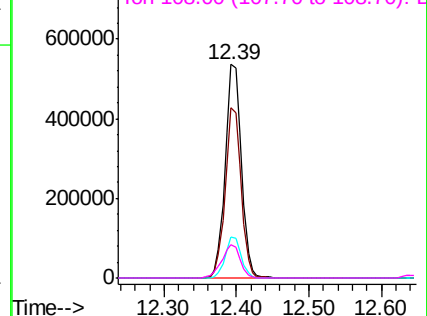


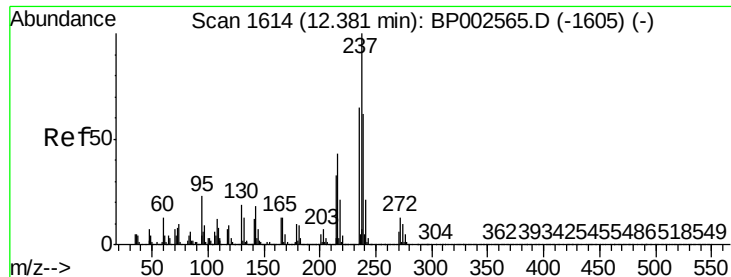
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.440 ng

RT: 12.38 min Scan# 1614

Delta R.T. 0.00 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

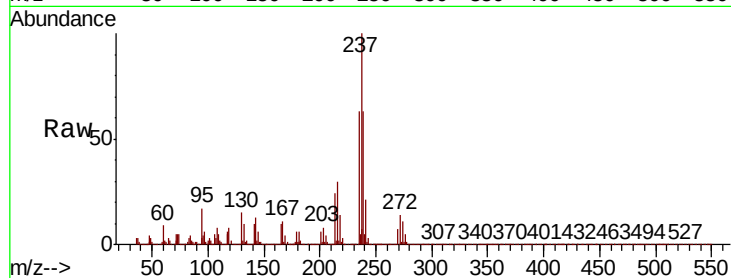
Tot Ion:237 Resp: 907641

Ion Ratio Lower Upper

237 100

235 63.1 45.4 85.4

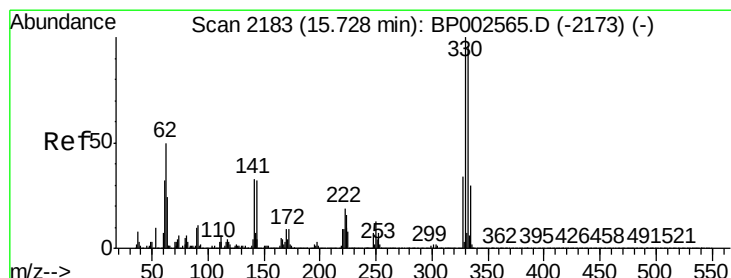
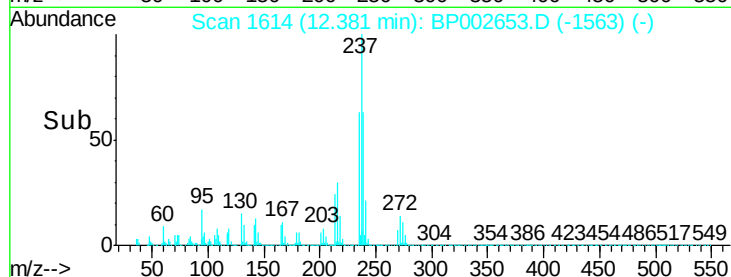
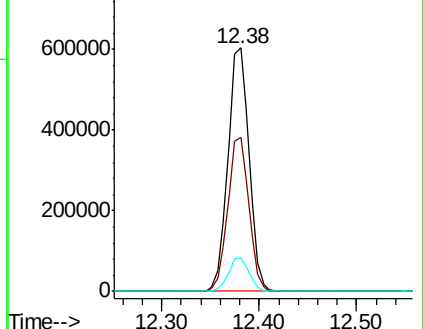
272 14.0 0.0 32.6



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: 84.590 ng

RT: 15.72 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

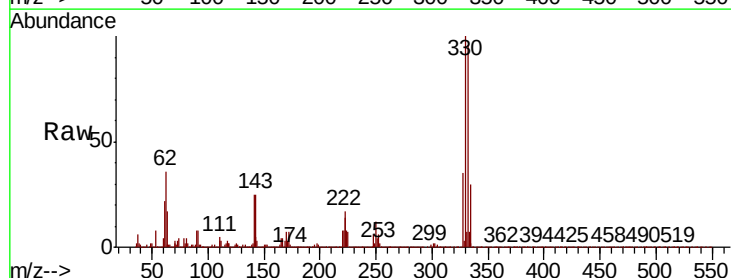
Tgt Ion:330 Resp: 575738

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

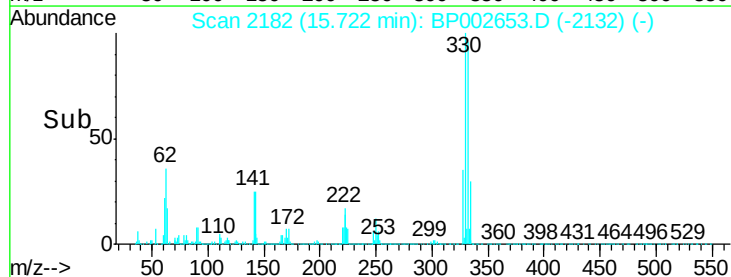
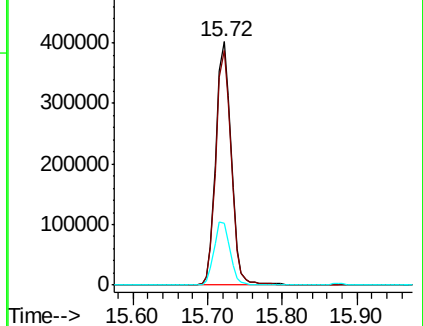
141 26.9 29.0 43.6#

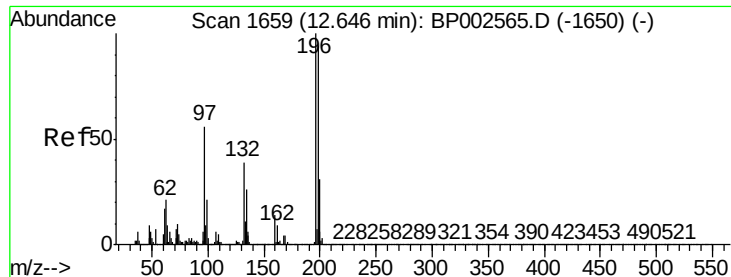


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

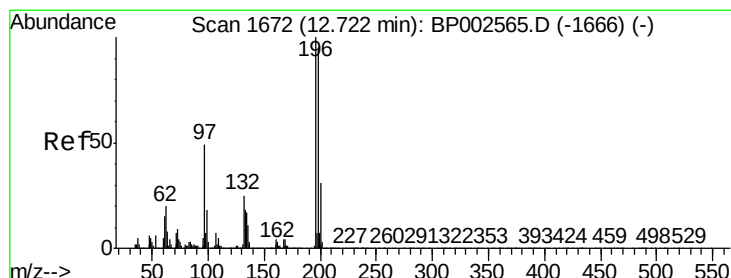
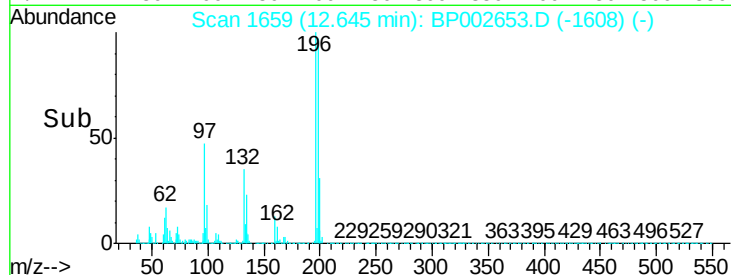
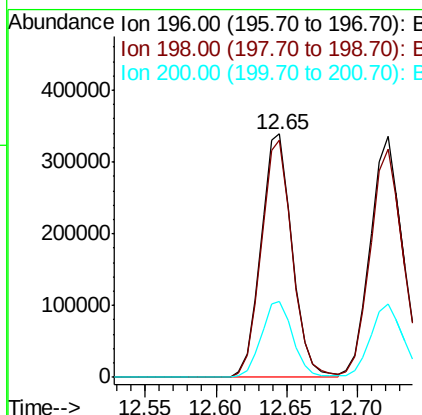
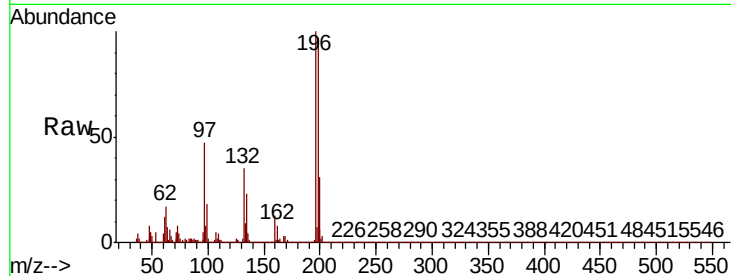




#43
 2,4,6-Trichlorophenol
 Concen: 44.568 ng
 RT: 12.65 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BP002653.D
 Acq: 07 Jul 2020 12:19

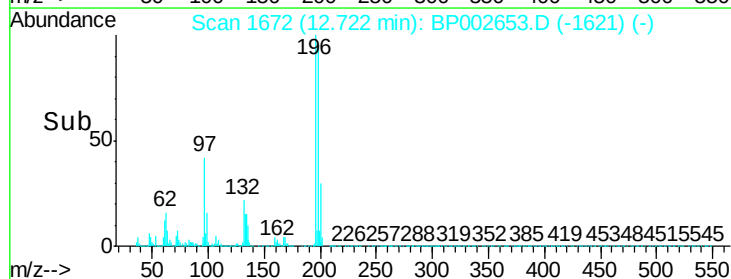
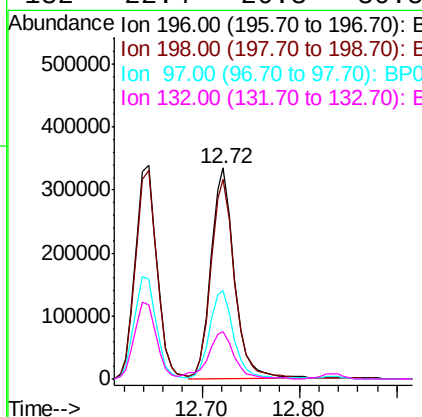
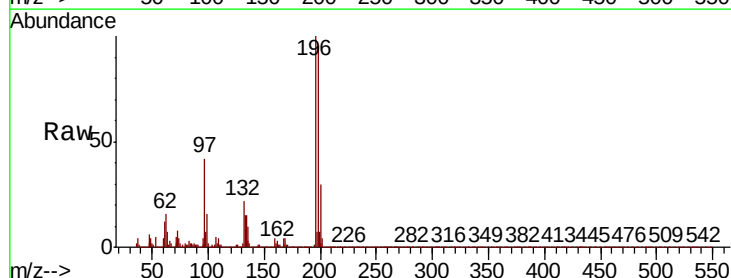
Instrument :
 BNA_P
 ClientSampleId :
 PB129929BSD

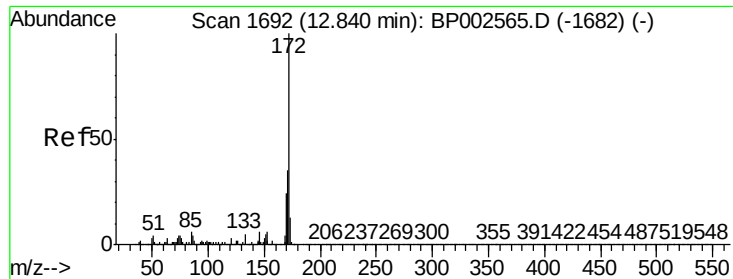
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	75.3	112.9
200	31.1	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 40.777 ng
 RT: 12.72 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BP002653.D
 Acq: 07 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.4	113.0
97	41.9	39.3	58.9
132	22.4	20.3	30.5

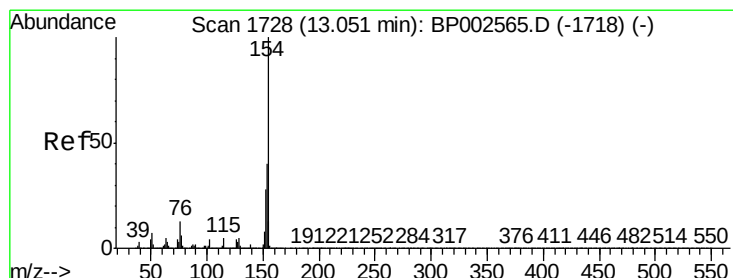
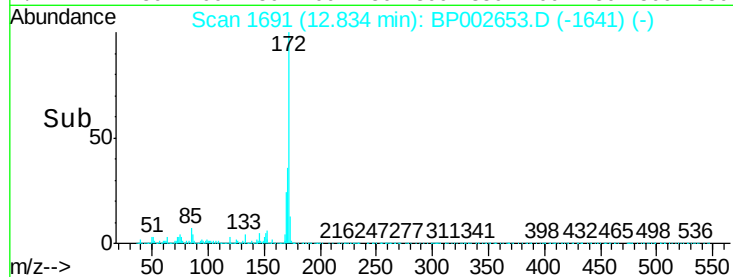
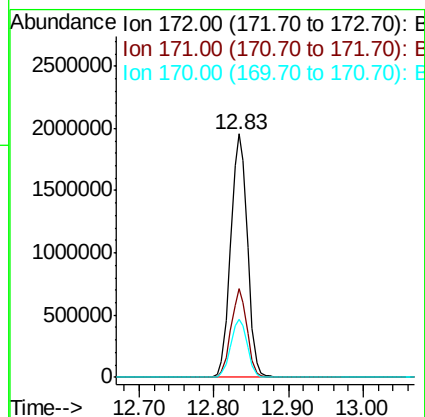
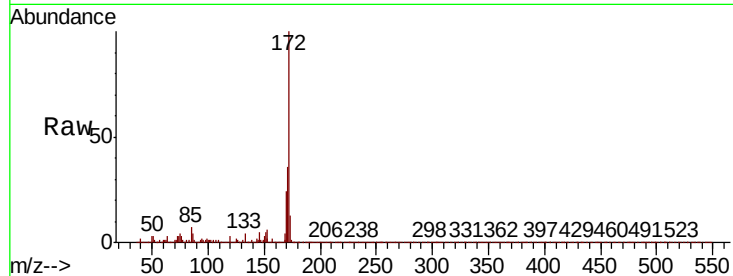




#45
2-Fluorobiphenyl
Concen: 80.456 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

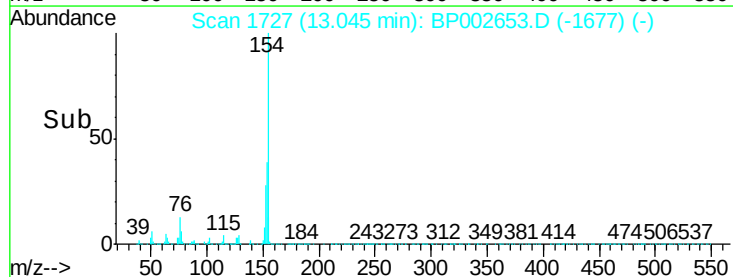
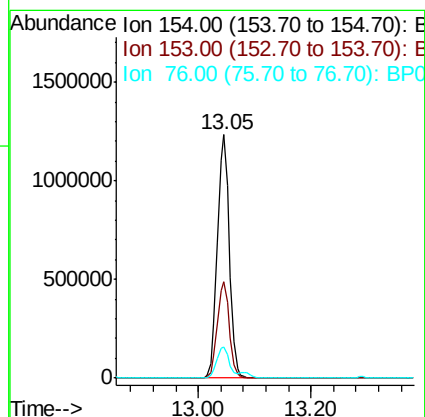
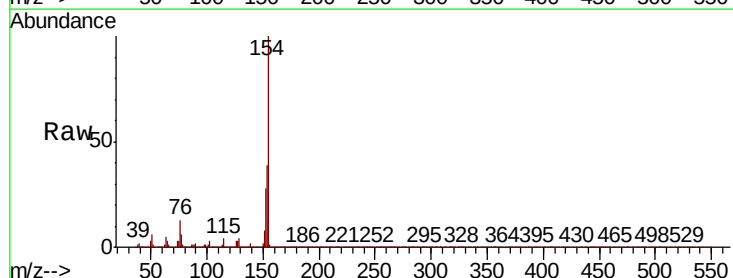
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

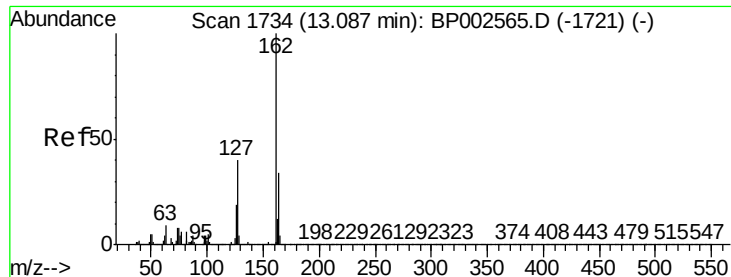
Tot Ion:172 Resp: 3058939
Ion Ratio Lower Upper
172 100
171 36.2 28.0 42.0
170 24.0 19.0 28.4



#46
1,1'-Biphenyl
Concen: 43.102 ng
RT: 13.05 min Scan# 1727
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:154 Resp: 1824454
Ion Ratio Lower Upper
154 100
153 39.4 20.0 60.0
76 12.8 0.0 33.0

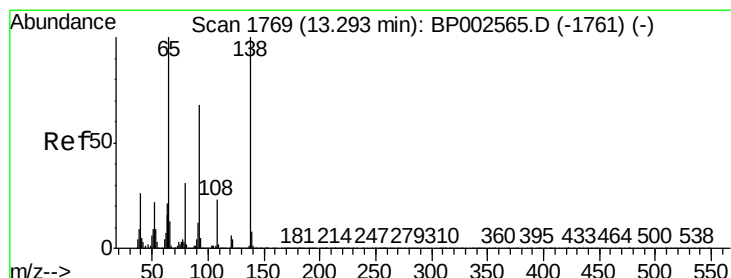
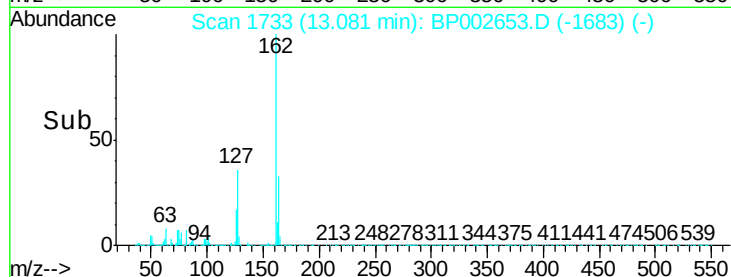
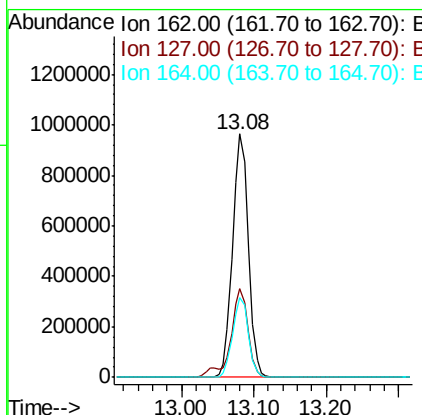
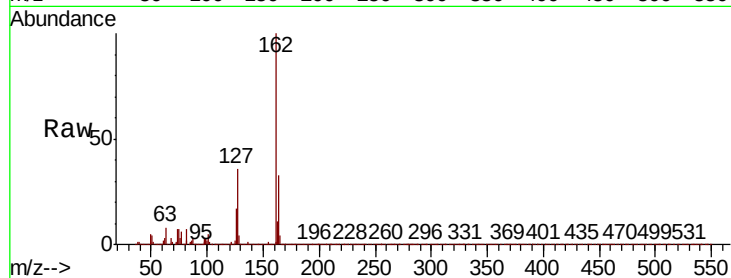




#47
2-Chloronaphthalene
Concen: 42.445 ng
RT: 13.08 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

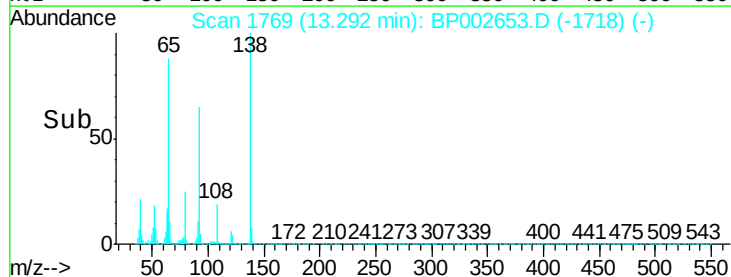
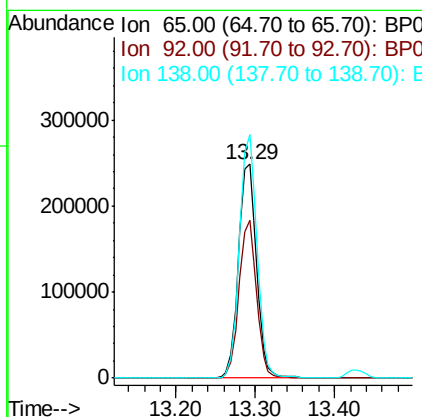
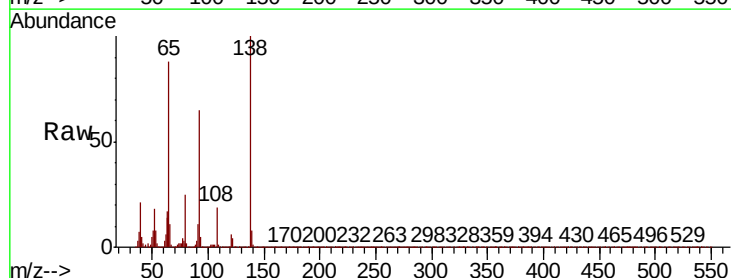
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

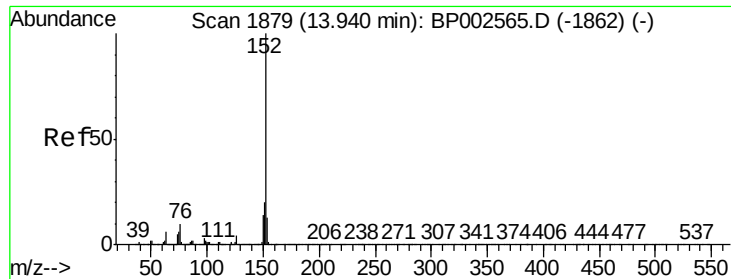
Tot Ion:162 Resp: 1462498
Ion Ratio Lower Upper
162 100
127 36.4 31.7 47.5
164 32.9 27.3 40.9



#48
2-Nitroaniline
Concen: 35.914 ng
RT: 13.29 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion: 65 Resp: 394778
Ion Ratio Lower Upper
65 100
92 73.6 54.2 81.4
138 113.7 79.8 119.8





#49

Acenaphthylene

Concen: 41.107 ng

RT: 13.93 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

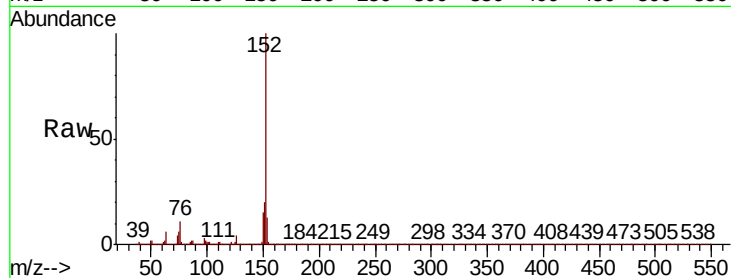
BNA_P

ClientSampleId :

PB129929BSD

Tot Ion:152 Resp: 2229178

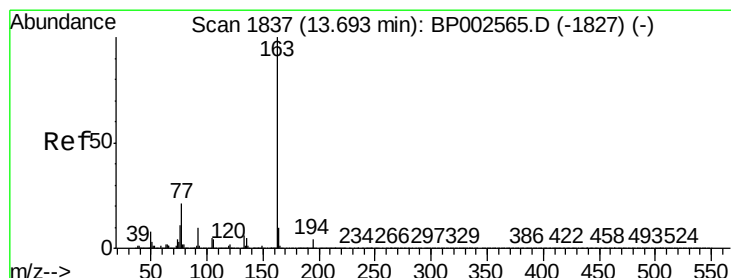
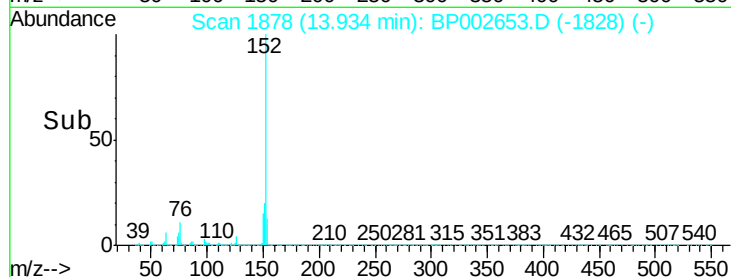
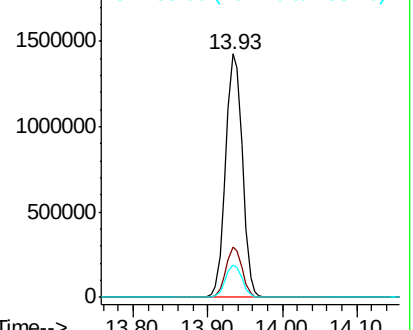
Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	13.5	10.2	15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.830 ng

RT: 13.69 min Scan# 1836

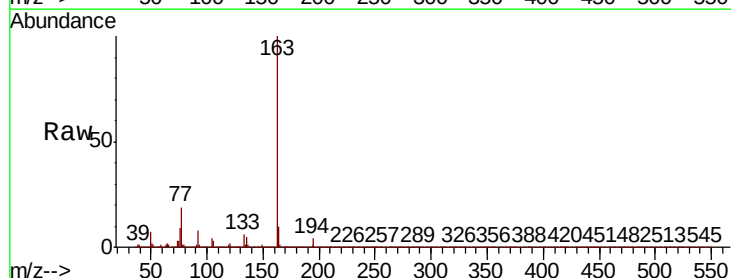
Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Tgt Ion:163 Resp: 1706609

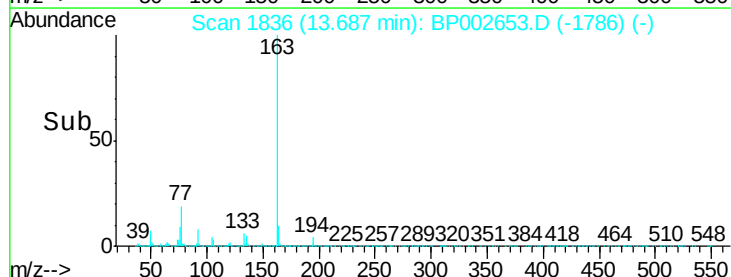
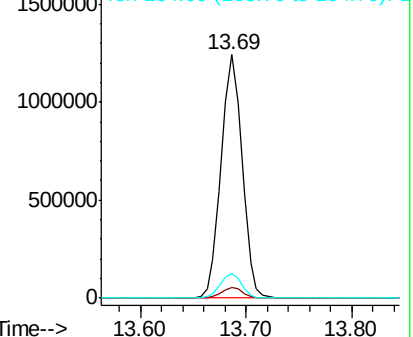
Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.0	8.2	12.4

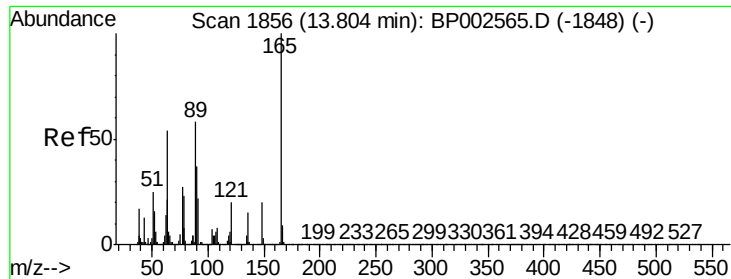


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

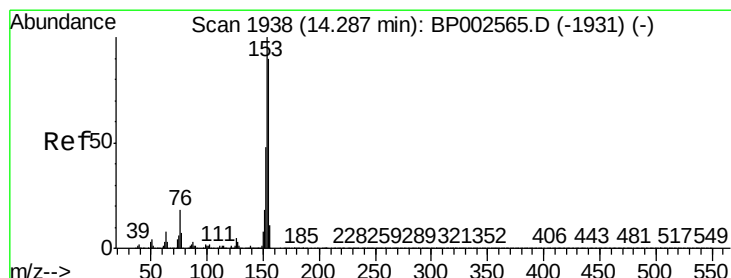
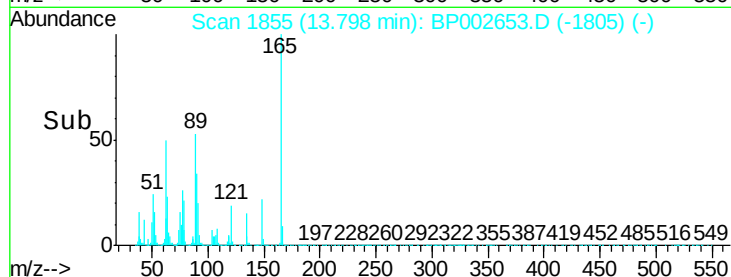
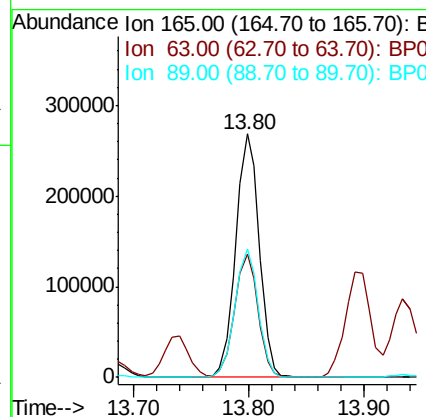
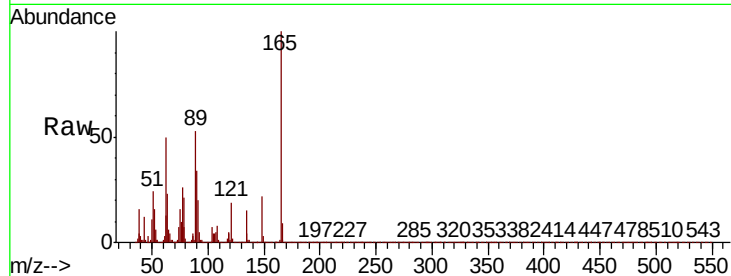




#51
2,6-Dinitrotoluene
Concen: 39.836 ng
RT: 13.80 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

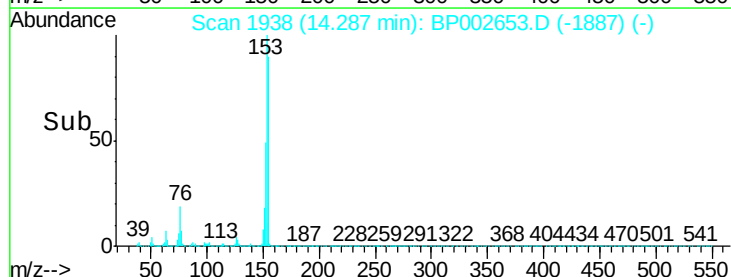
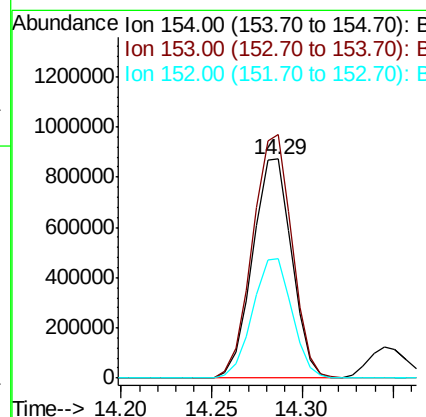
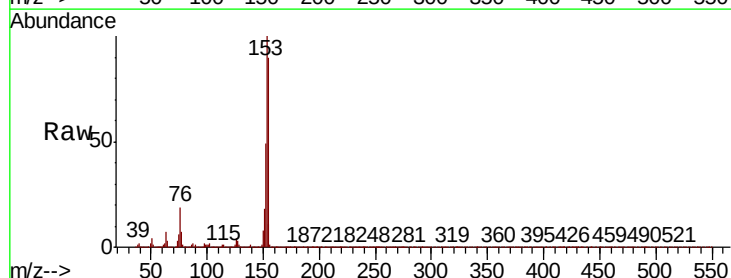
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

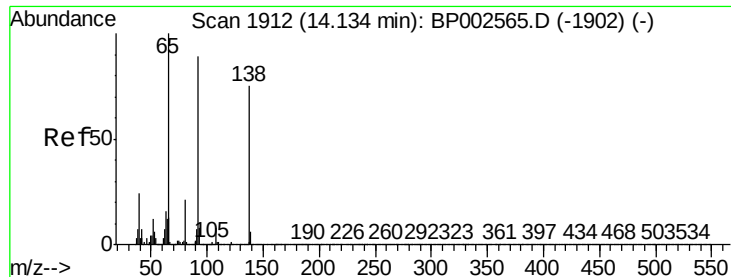
Tot Ion:165 Resp: 378139
Ion Ratio Lower Upper
165 100
63 50.5 46.6 69.8
89 52.8 46.3 69.5



#52
Acenaphthene
Concen: 41.077 ng
RT: 14.29 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:154 Resp: 1314238
Ion Ratio Lower Upper
154 100
153 111.3 89.1 133.7
152 54.7 43.2 64.8

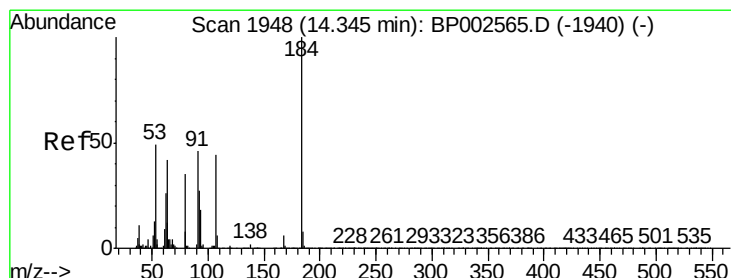
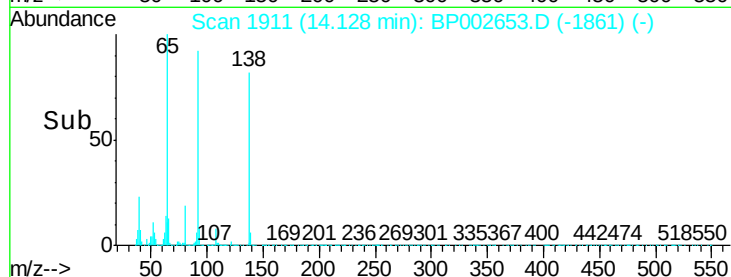
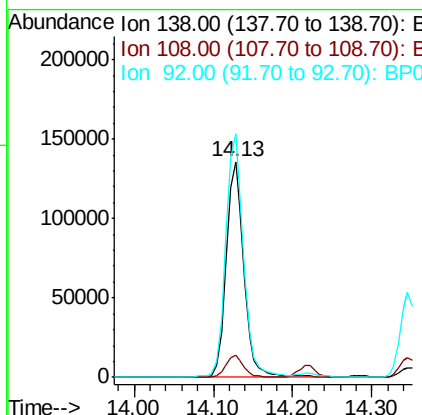
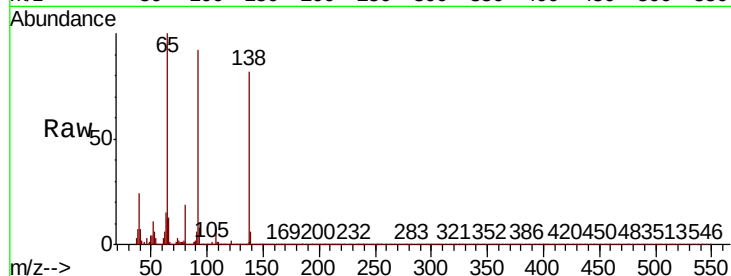




#53
3-Nitroaniline
Concen: 20.171 ng
RT: 14.13 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

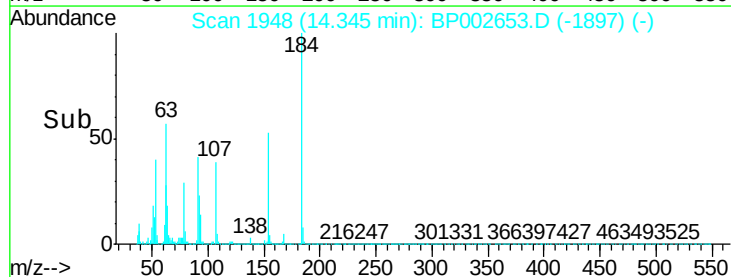
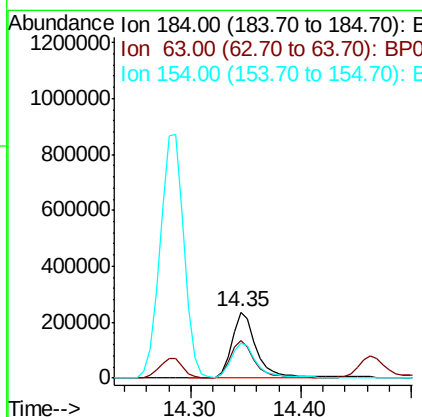
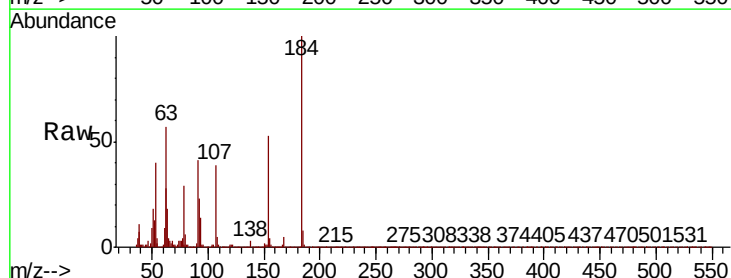
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

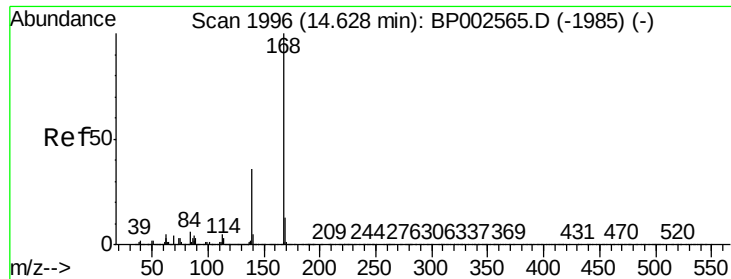
Tot Ion:138 Resp: 208484
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 112.9 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 64.014 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:184 Resp: 371105
Ion Ratio Lower Upper
184 100
63 57.0 56.2 84.2
154 53.1 50.9 76.3





#55

Dibenzofuran

Concen: 40.191 ng

RT: 14.62 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

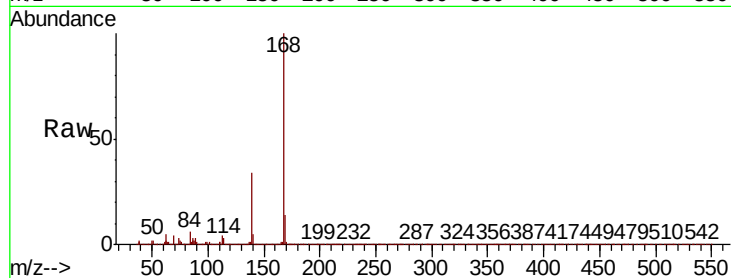
BNA_P

ClientSampleId :

PB129929BSD

Tot Ion:168 Resp: 2083881

Ion	Ratio	Lower	Upper
168	100		
139	34.1	29.3	43.9
169	13.6	10.6	15.8

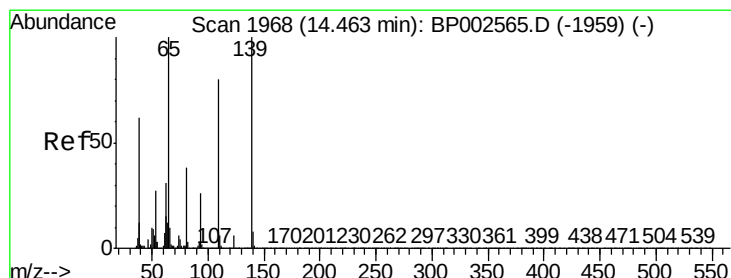
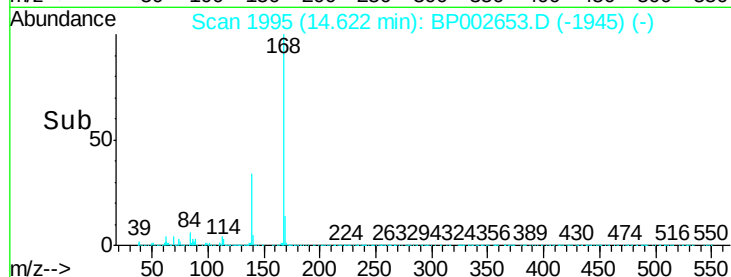
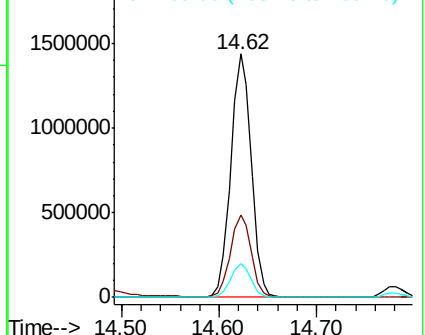


Abundance

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: 64.398 ng

RT: 14.46 min Scan# 1968

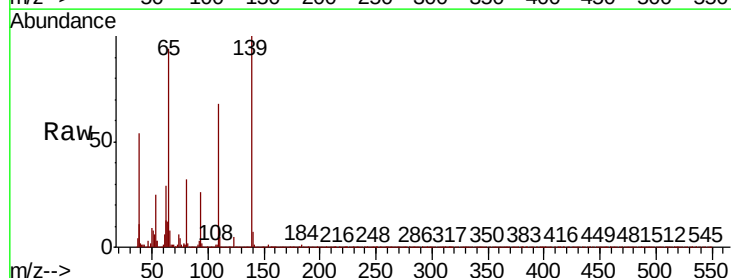
Delta R.T. -0.00 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Tgt Ion:139 Resp: 521430

Ion	Ratio	Lower	Upper
139	100		
109	68.3	60.1	100.1
65	93.8	80.3	120.3

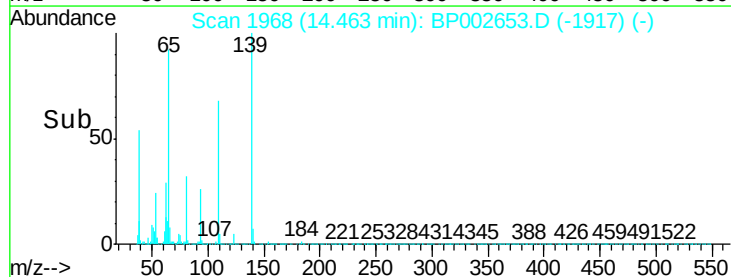
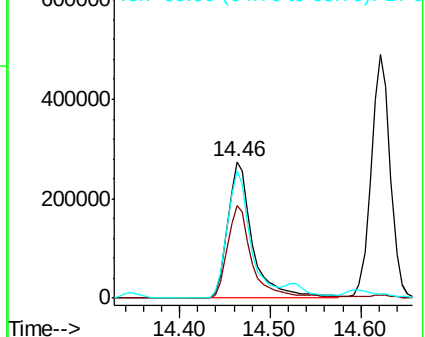


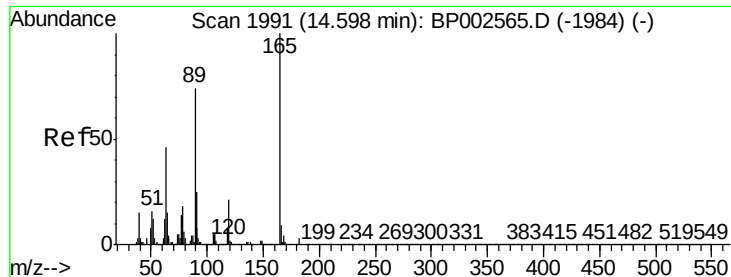
Abundance

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

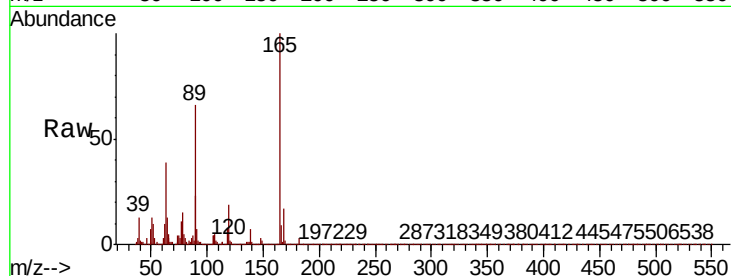




#57
2,4-Dinitrotoluene
Concen: 38.693 ng
RT: 14.60 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Instrument :
BNA_P
ClientSampleId :
PB129929BSD

Tot Ion:165	Resp:	494075	
Ion Ratio	Lower	Upper	
165 100			
63 38.8	37.3	55.9	
89 66.0	59.4	89.0	
182 2.7	2.2	3.2	

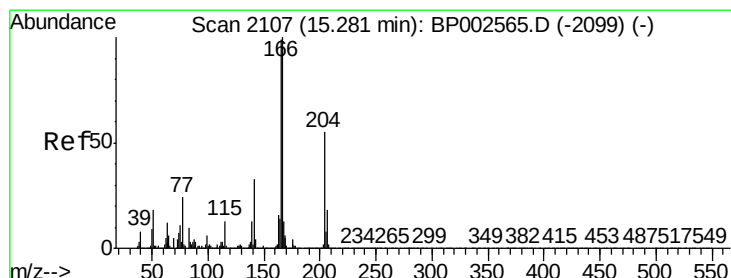
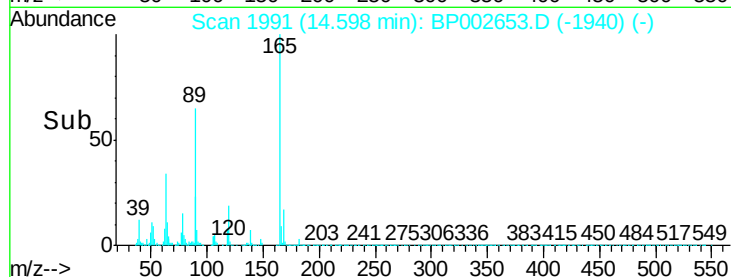
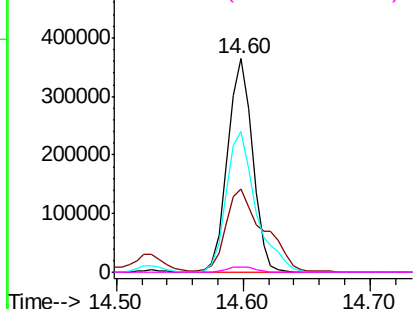


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

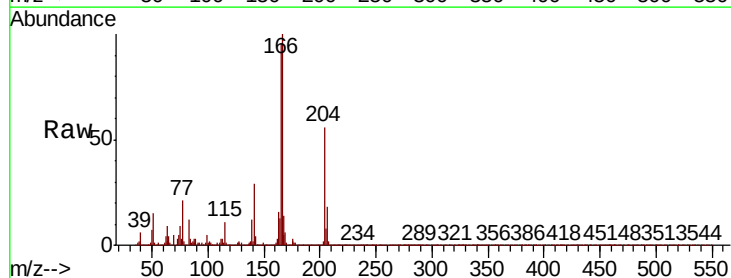
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.545 ng
RT: 15.27 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

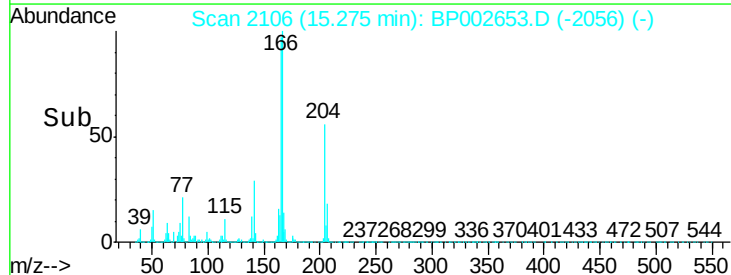
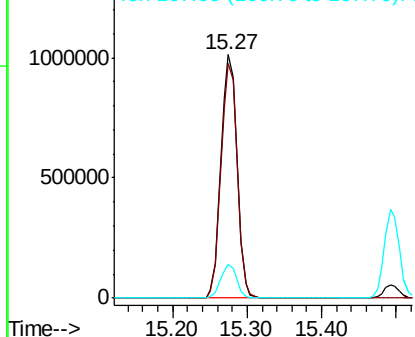
Tgt	Ion:166	Resp:	1522082
Ion	Ratio	Lower	Upper
166	100		
165	96.4	79.1	118.7
167	13.6	10.8	16.2

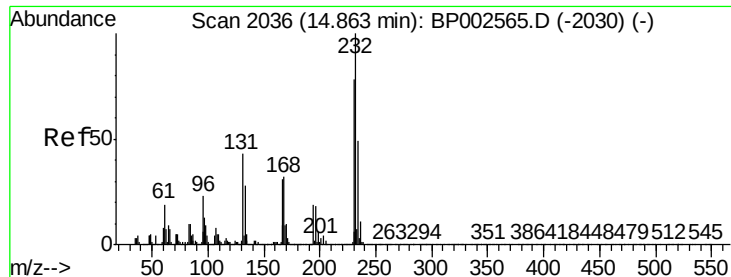


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.409 ng

RT: 14.86 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

Tot Ion:232 Resp: 477262

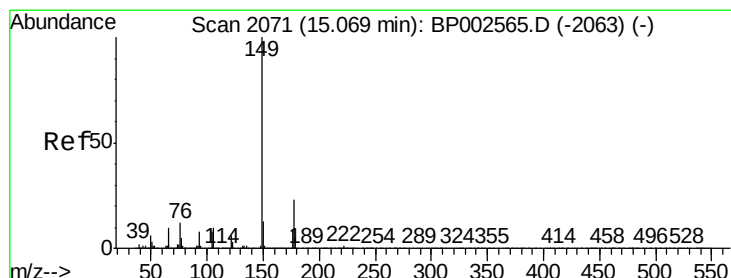
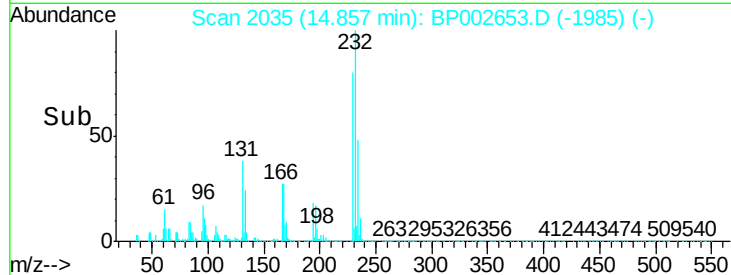
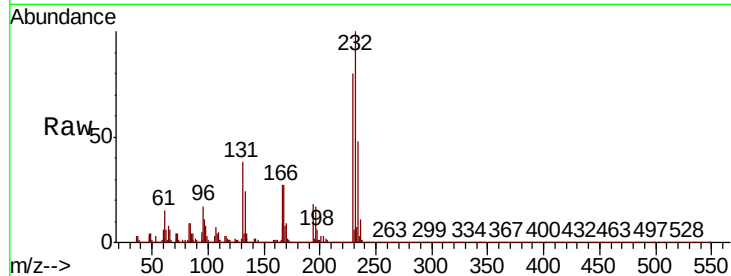
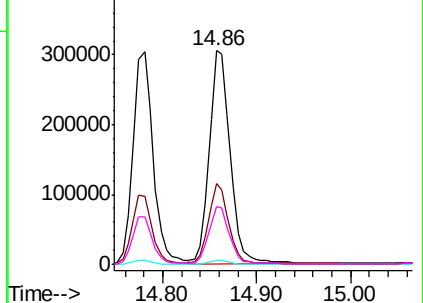
Ion	Ratio	Lower	Upper
232	100		
131	36.9	34.4	51.6
130	1.9	1.8	2.6
166	27.1	24.5	36.7

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: 36.353 ng

RT: 15.06 min Scan# 2070

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

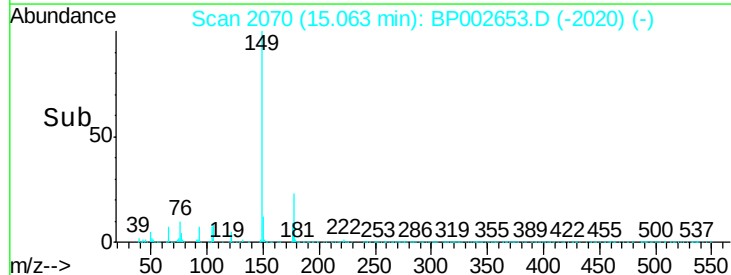
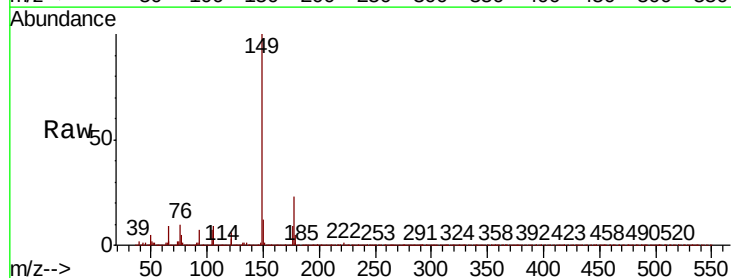
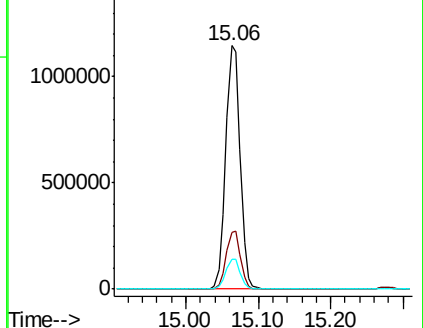
Tgt Ion:149 Resp: 1588801

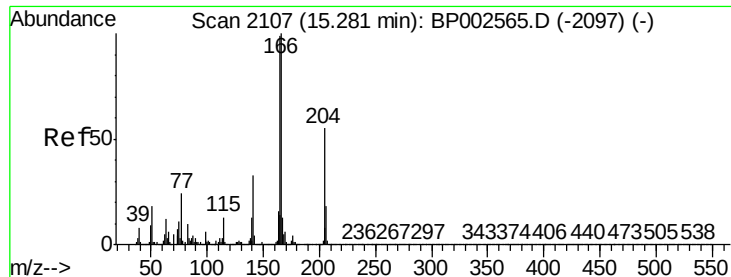
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.6	27.8
150	12.4	10.2	15.2

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

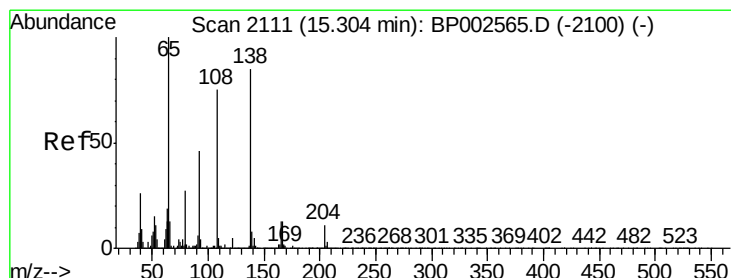
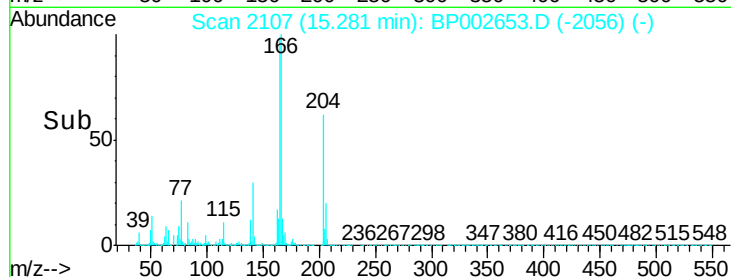
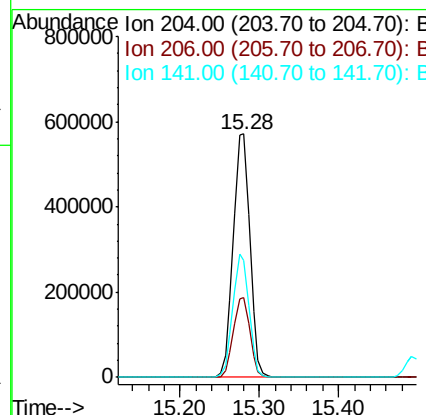
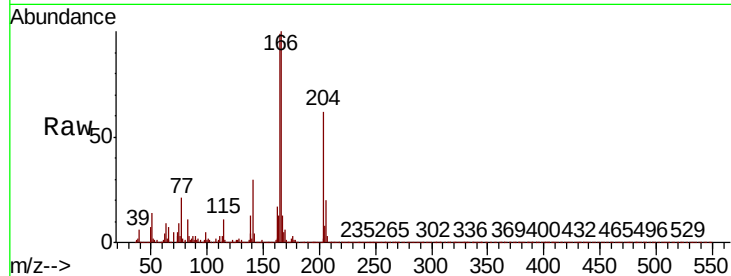




#61
4-Chlorophenyl-phenylether
Concen: 39.383 ng
RT: 15.28 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

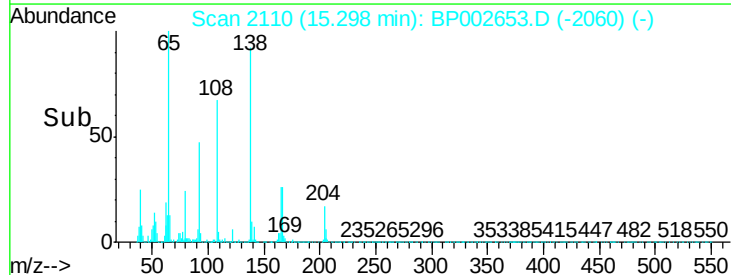
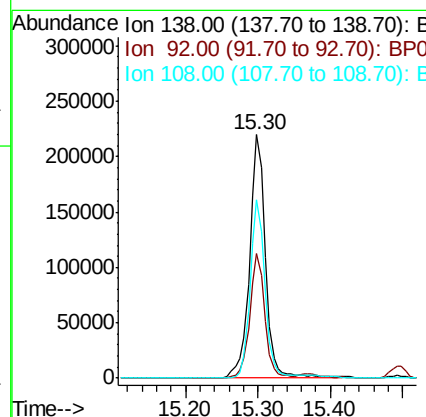
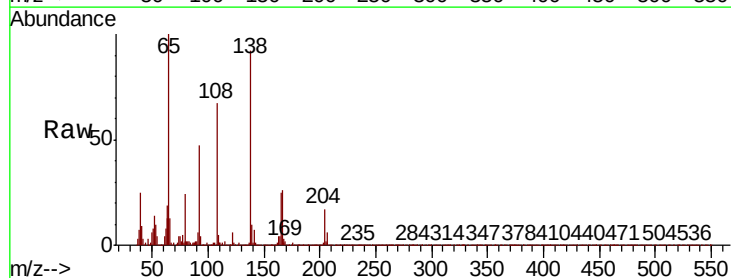
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

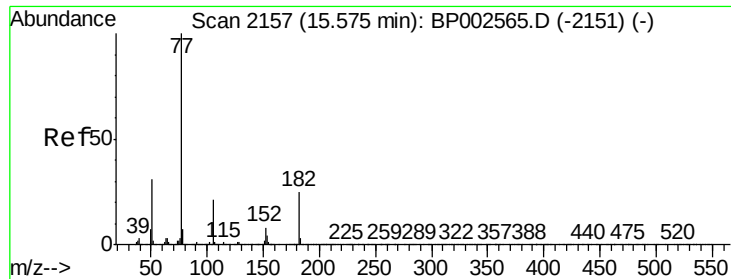
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	39.8
141	48.0	47.7	71.5



#62
4-Nitroaniline
Concen: 32.346 ng
RT: 15.30 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	33.9	73.9
108	73.2	67.8	107.8

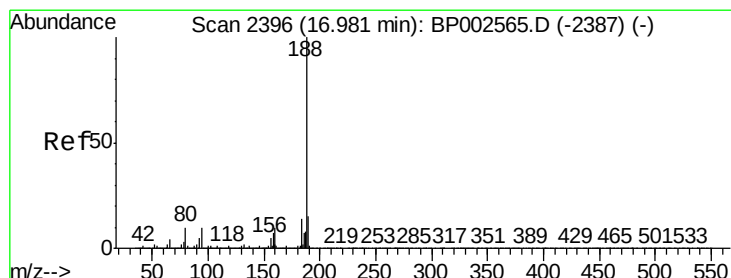
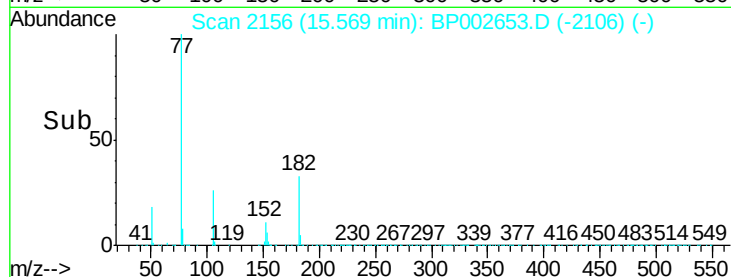
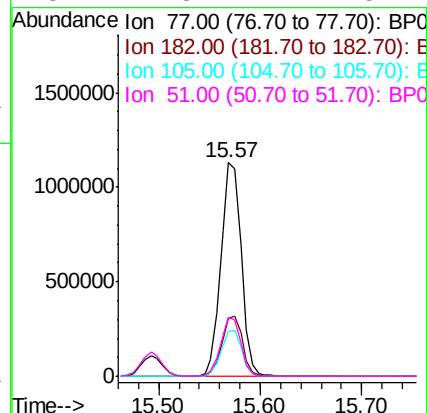
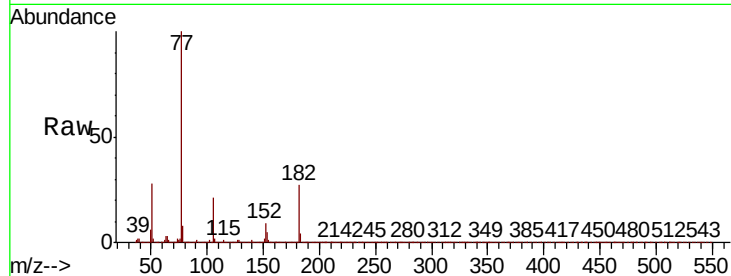




#63
Azobenzene
Concen: 37.204 ng
RT: 15.57 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

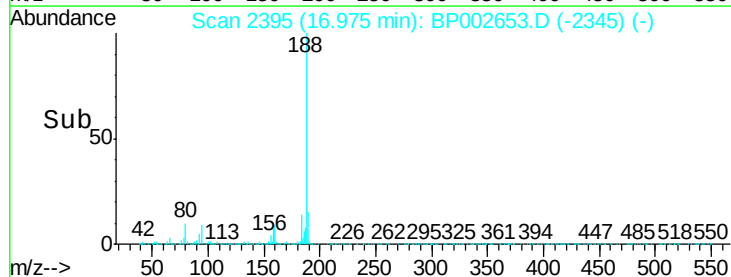
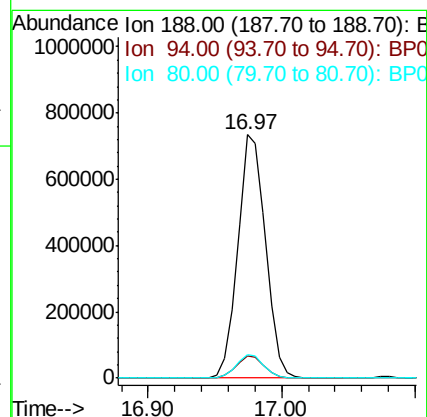
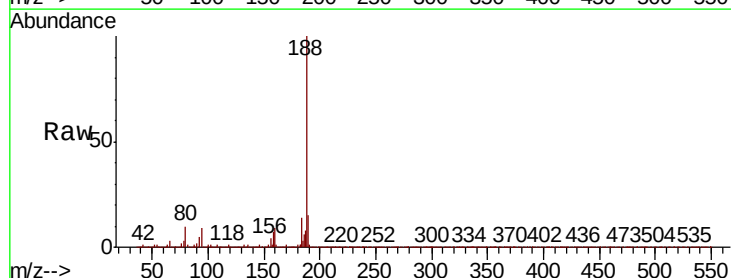
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

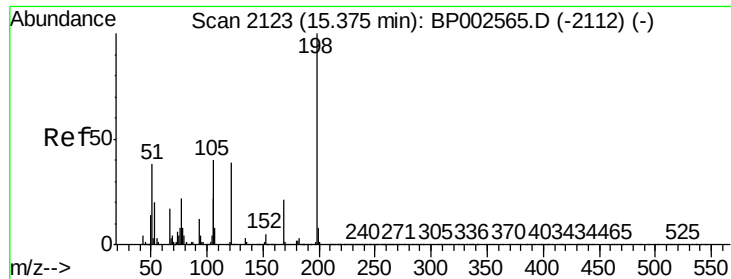
Tot Ion: 77 Resp: 1572205
Ion Ratio Lower Upper
77 100
182 26.8 4.7 44.7
105 20.9 0.6 40.6
51 27.8 11.2 51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion: 188 Resp: 1057219
Ion Ratio Lower Upper
188 100
94 9.3 7.8 11.6
80 9.9 8.2 12.4

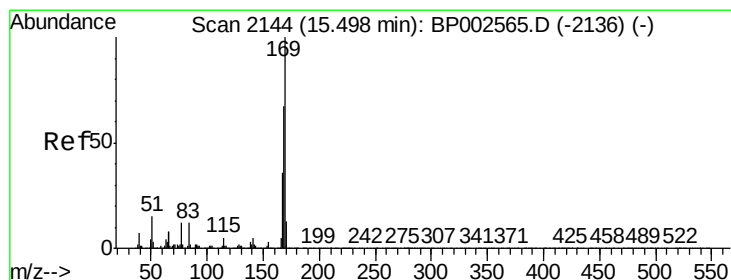
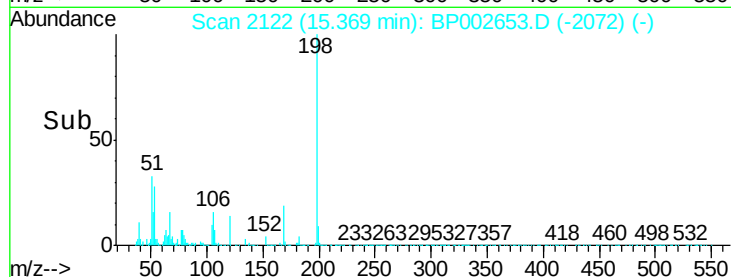
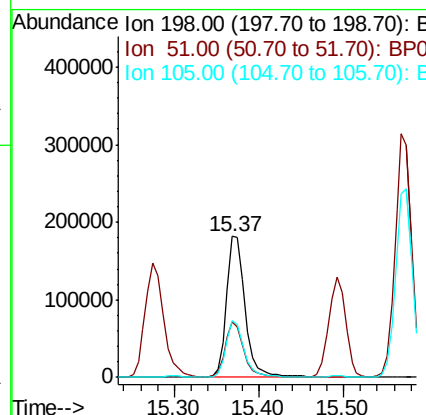
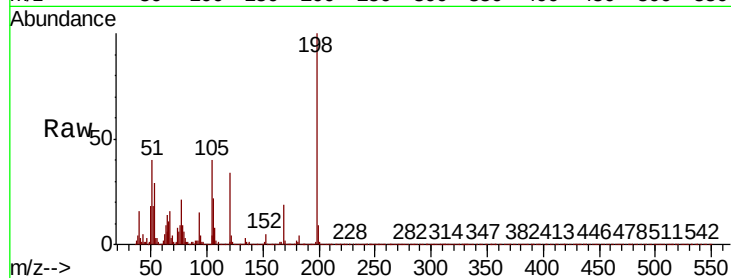




#65
4,6-Dinitro-2-methylphenol
Concen: 41.563 ng
RT: 15.37 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

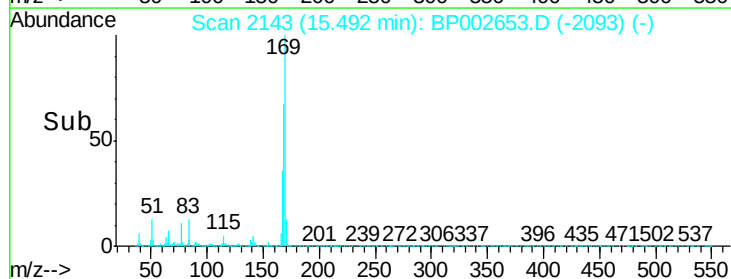
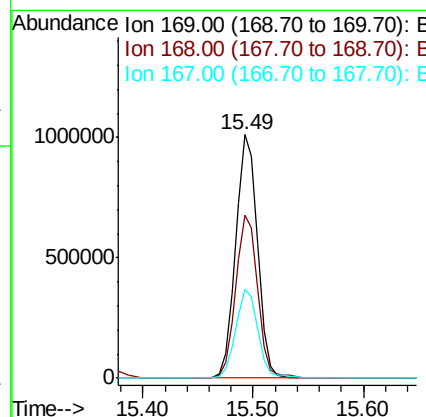
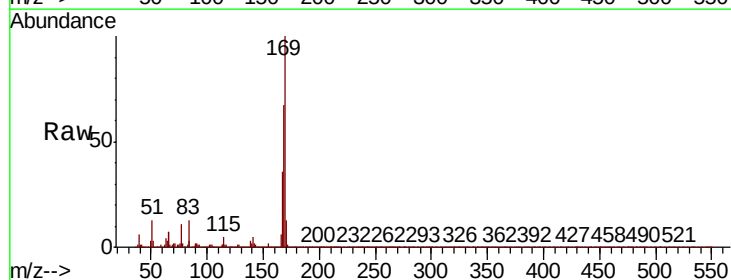
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

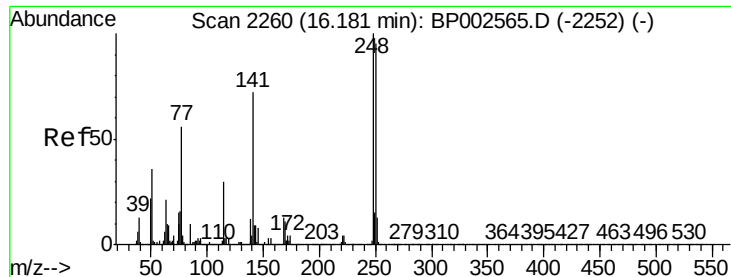
Tot Ion	Ratio	Lower	Upper
198	100		
51	39.7	24.2	64.2
105	40.1	20.7	60.7



#66
n-Nitrosodiphenylamine
Concen: 45.405 ng
RT: 15.49 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.5	80.3
167	36.2	29.1	43.7

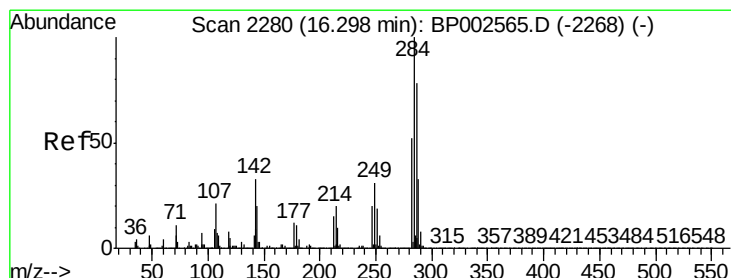
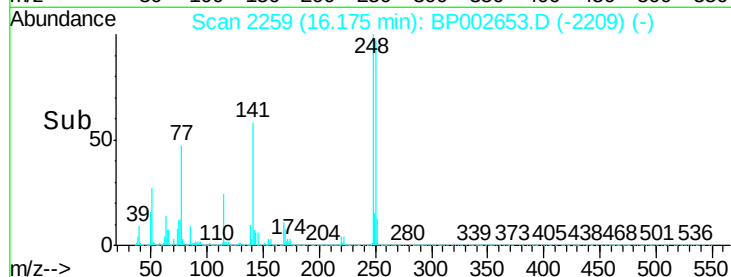
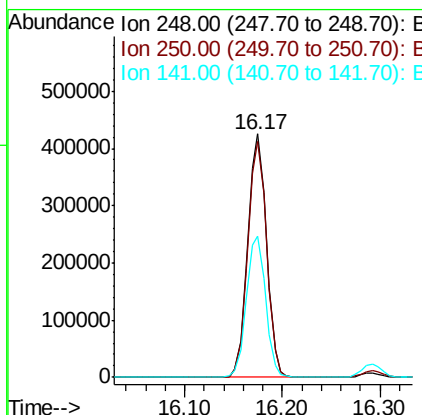
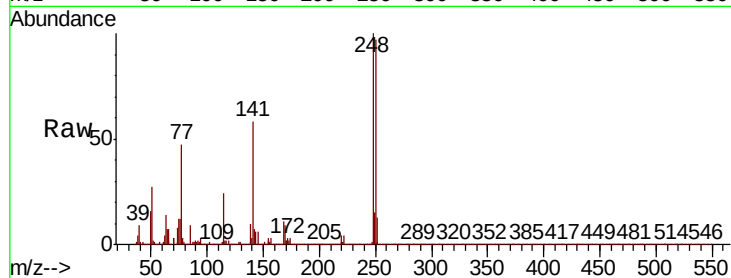




#67
4-Bromophenyl-phenylether
Concen: 47.694 ng
RT: 16.17 min Scan# 2259
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

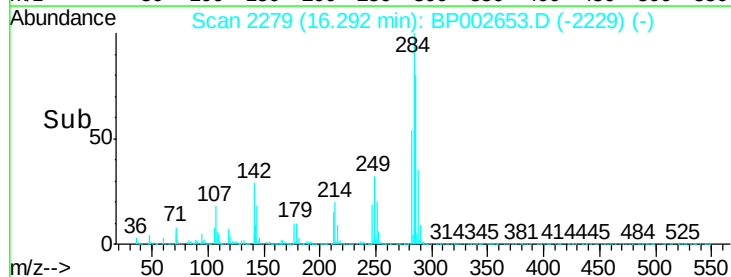
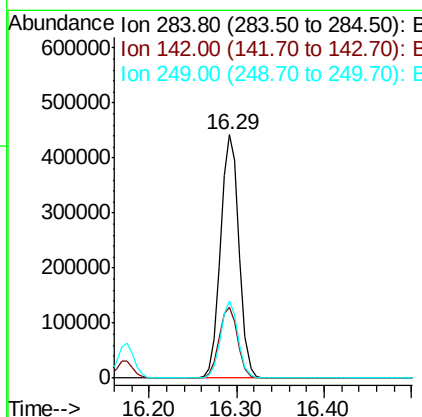
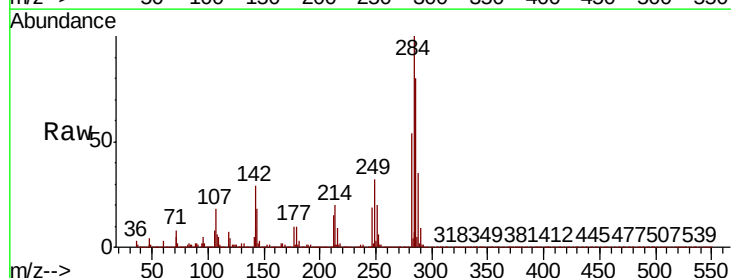
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

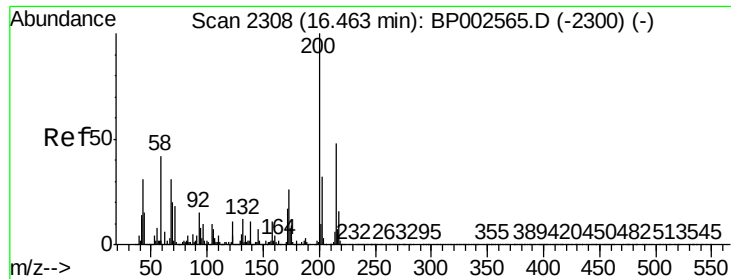
Tot Ion:248 Resp: 566631
Ion Ratio Lower Upper
248 100
250 96.8 76.1 114.1
141 58.0 57.8 86.6



#68
Hexachlorobenzene
Concen: 50.516 ng
RT: 16.29 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:284 Resp: 642944
Ion Ratio Lower Upper
284 100
142 29.1 26.6 40.0
249 31.6 25.1 37.7

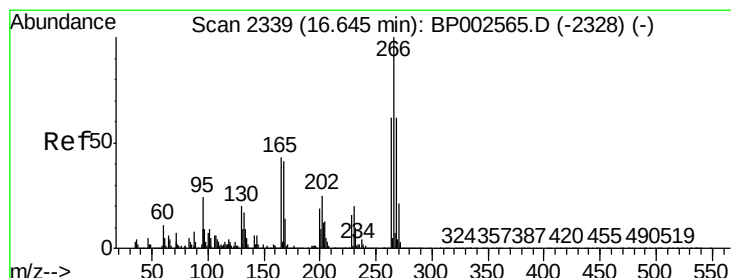
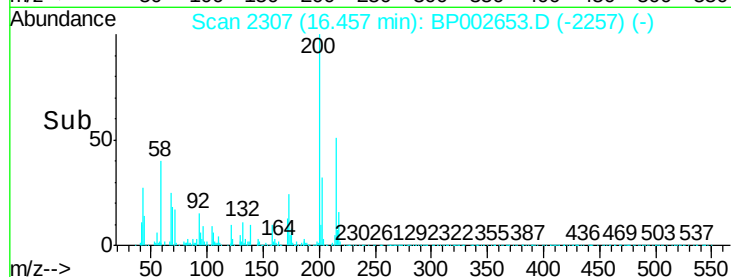
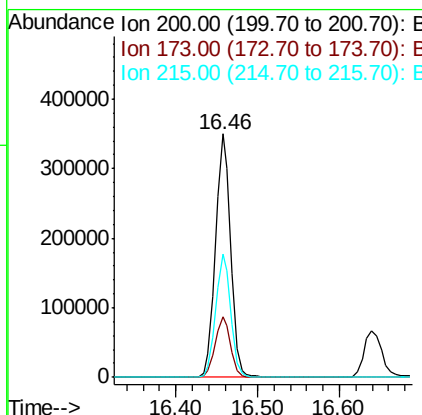
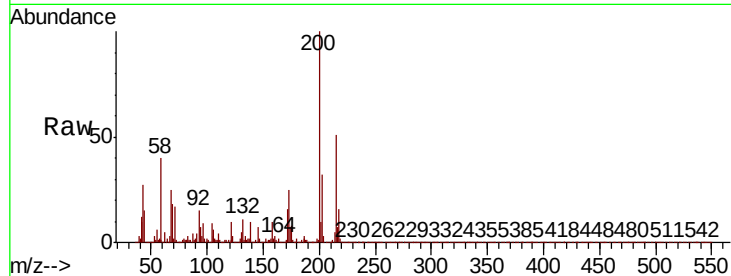




#69
Atrazine
Concen: 45.787 ng
RT: 16.46 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

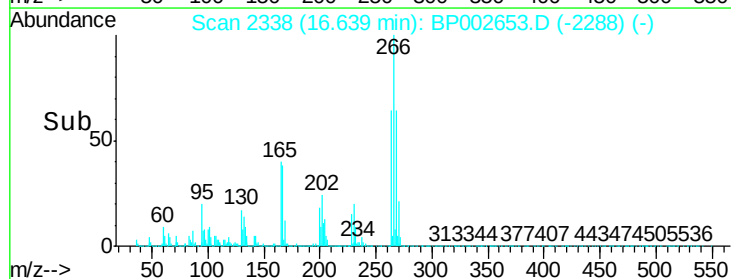
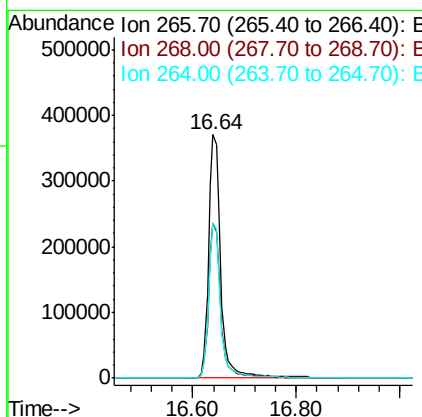
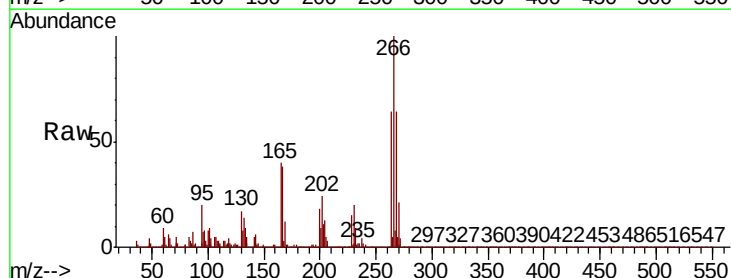
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

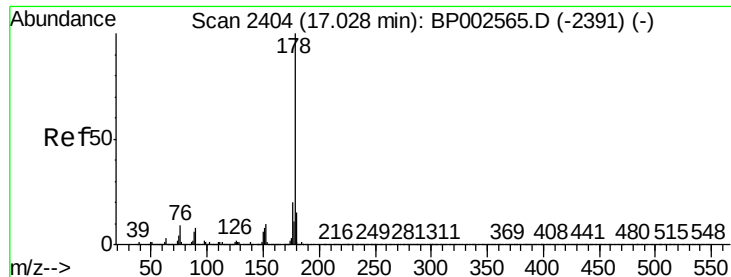
Tot Ion:200 Resp: 453432
Ion Ratio Lower Upper
200 100
173 25.1 6.3 46.3
215 50.6 28.3 68.3



#70
Pentachlorophenol
Concen: 84.776 ng
RT: 16.64 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:266 Resp: 617839
Ion Ratio Lower Upper
266 100
268 63.6 49.7 74.5
264 64.0 49.3 73.9





#71

Phenanthrene

Concen: 42.922 ng

RT: 17.02 min Scan# 2403

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

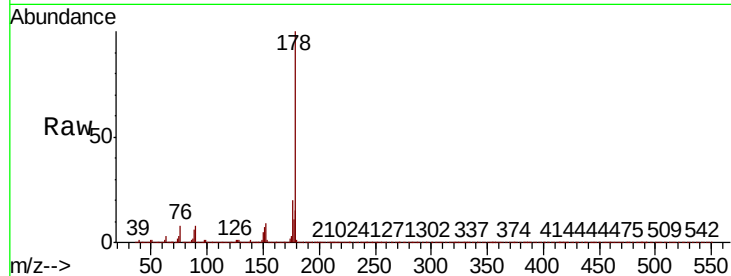
BNA_P

ClientSampleId :

PB129929BSD

Tot Ion:178 Resp: 2441521

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.6	23.4
179	15.3	12.1	18.1

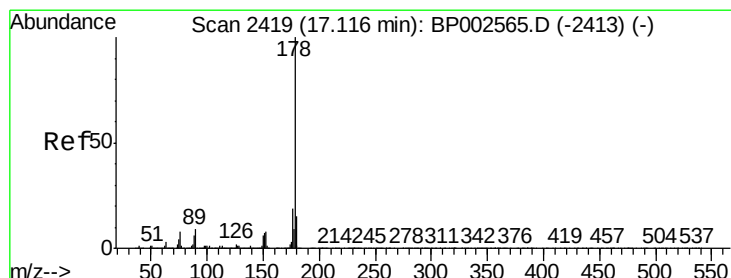
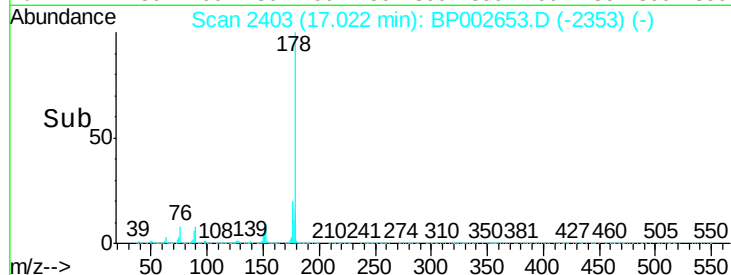
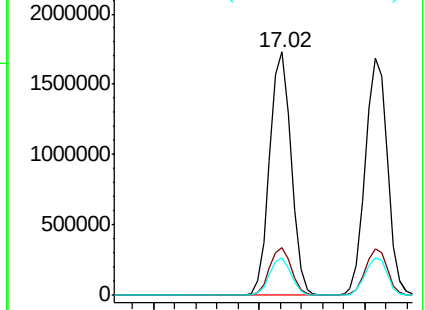


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.342 ng

RT: 17.11 min Scan# 2418

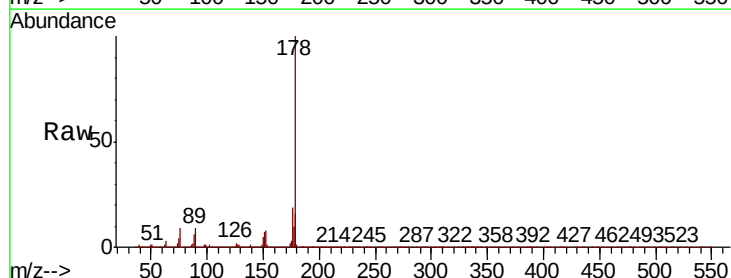
Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Tgt Ion:178 Resp: 2453318

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	16.0	12.2	18.2

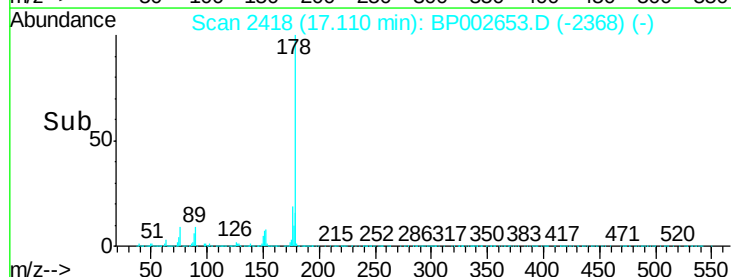
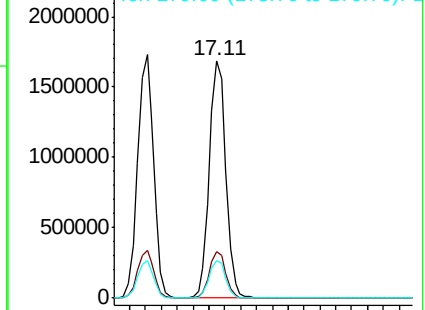


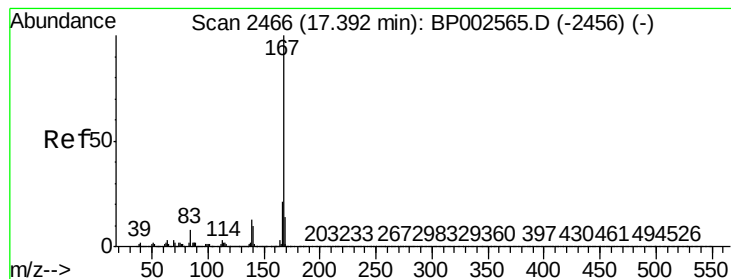
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 39.192 ng

RT: 17.39 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

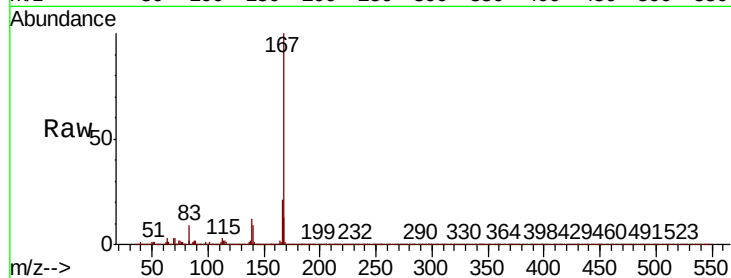
BNA_P

ClientSampleId :

PB129929BSD

Tot Ion:167 Resp: 2143990

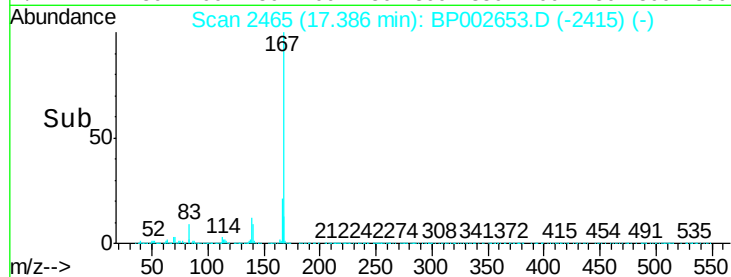
Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	12.0	10.5	15.7



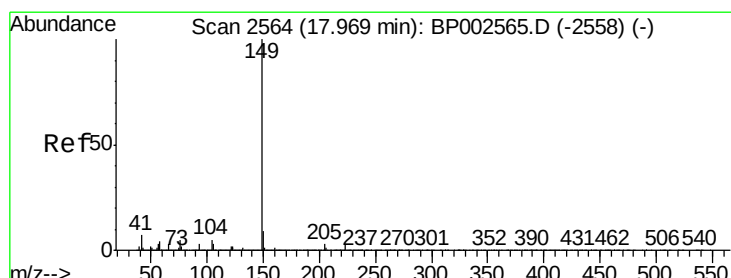
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#74

Di-n-butylphthalate

Concen: 38.563 ng

RT: 17.96 min Scan# 2563

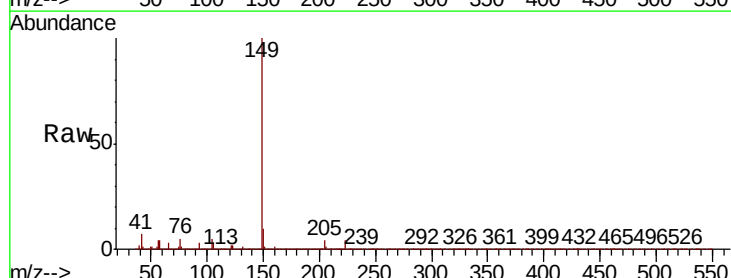
Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Tgt Ion:149 Resp: 2484432

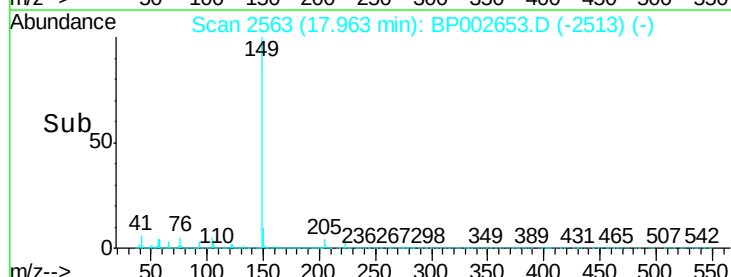
Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.3	10.9
104	4.9	4.2	6.4



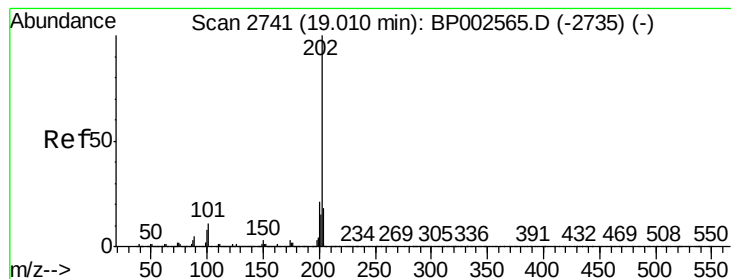
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->



#75

Fluoranthene

Concen: 39.609 ng

RT: 19.00 min Scan# 2740

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

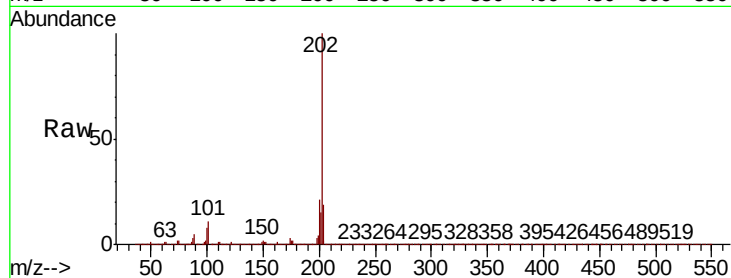
BNA_P

ClientSampleId :

PB129929BSD

Tot Ion:202 Resp: 2727179

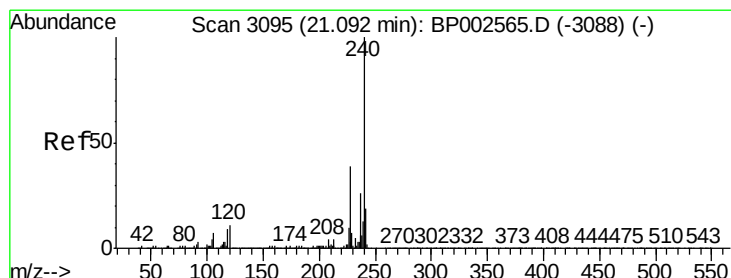
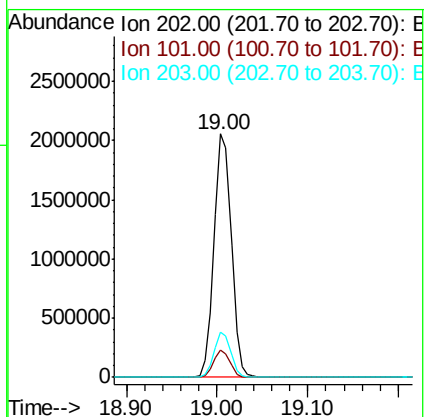
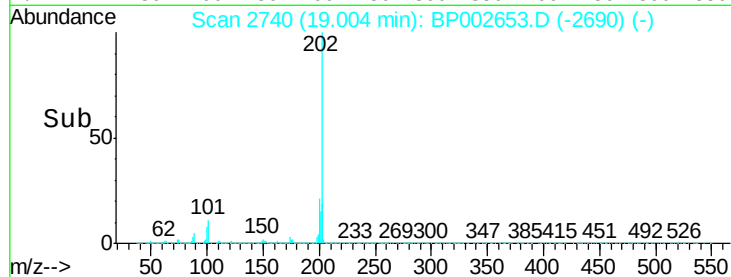
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.6
203	18.7	0.0	37.7



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: 21.09 min Scan# 3094

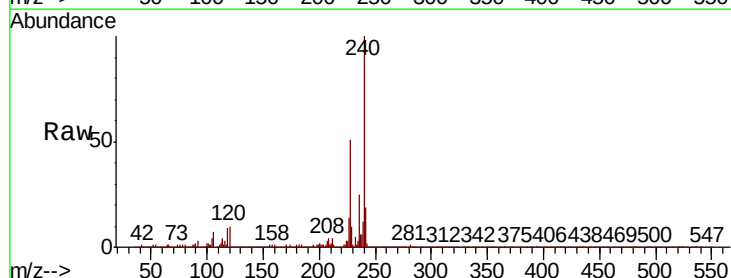
Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Tgt Ion:240 Resp: 885076

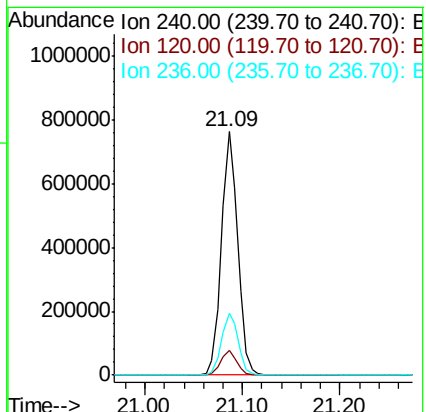
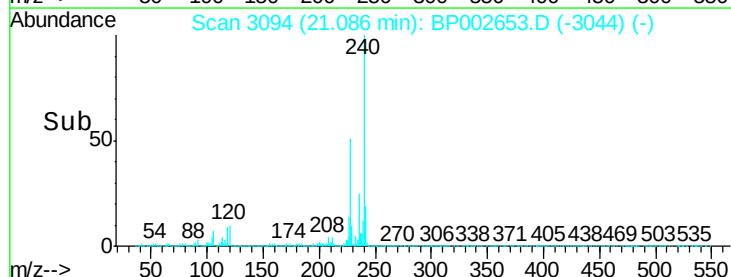
Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.6	13.0
236	25.4	20.8	31.2

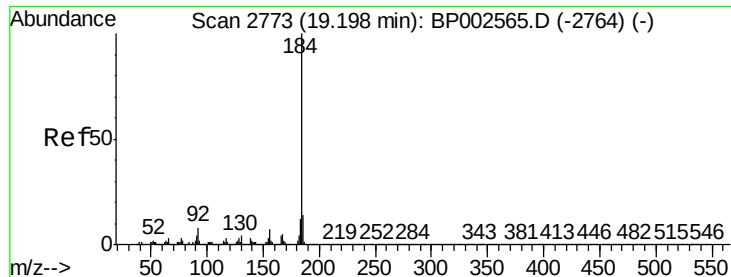


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.862 ng

RT: 19.19 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

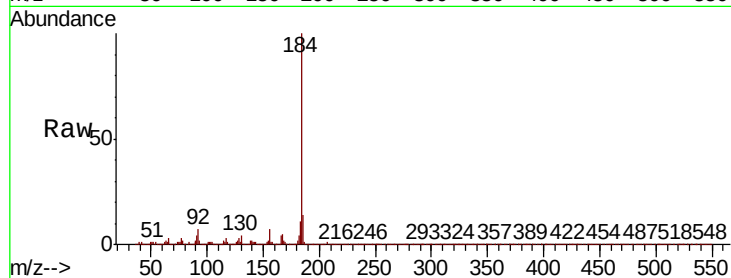
BNA_P

ClientSampleId :

PB129929BSD

Tot Ion:184 Resp: 885589

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.4	17.2
183	11.3	9.2	13.8

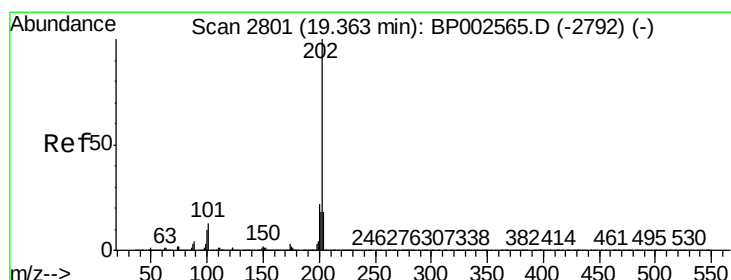
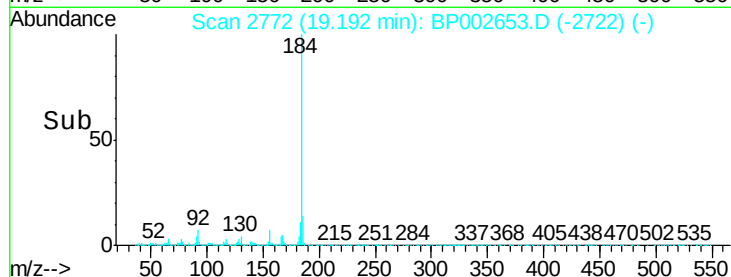
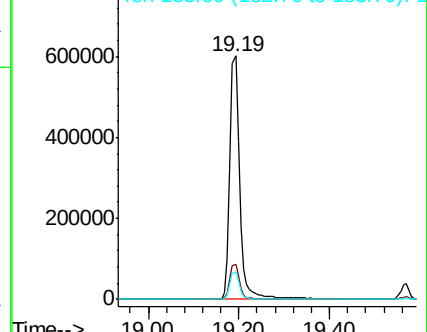


Abundance

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: 45.239 ng

RT: 19.36 min Scan# 2800

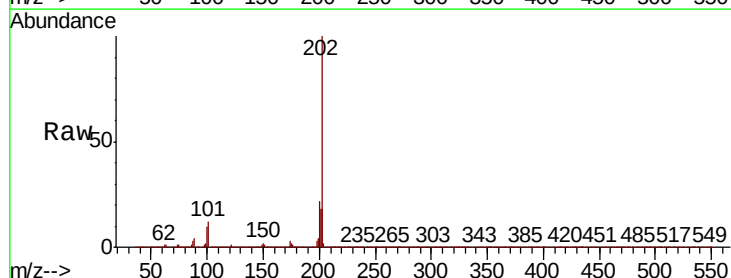
Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Tgt Ion:202 Resp: 2725415

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.1	14.4	21.6

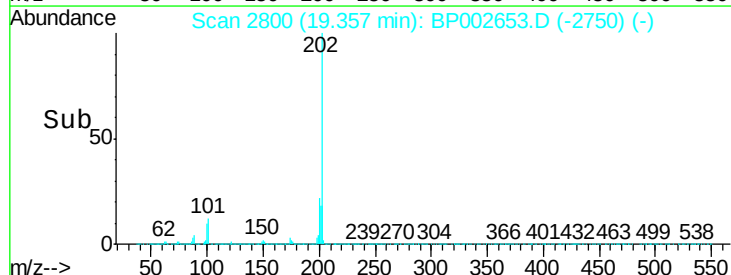
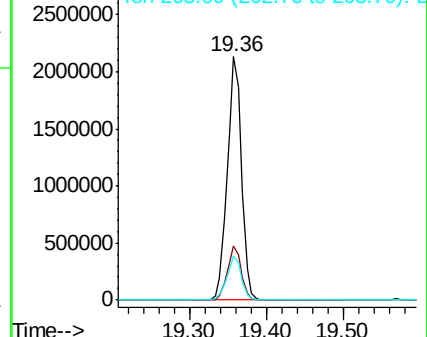


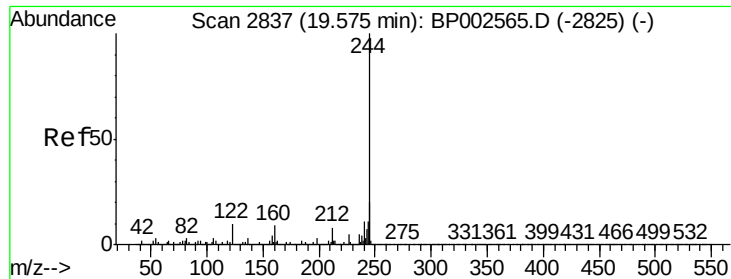
Abundance

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: 88.844 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

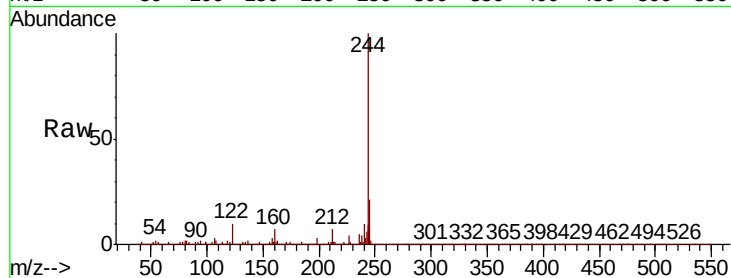
Tot Ion:244 Resp: 3642993

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

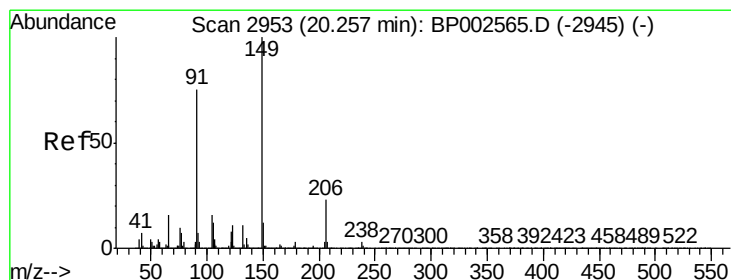
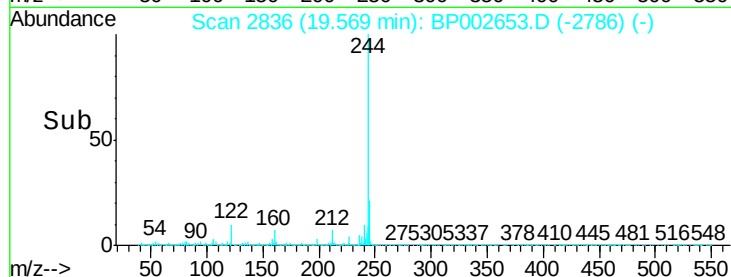
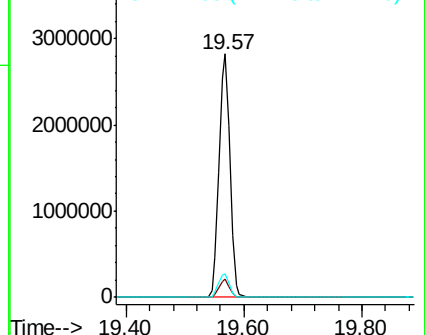
122 9.5 7.9 11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.366 ng

RT: 20.25 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

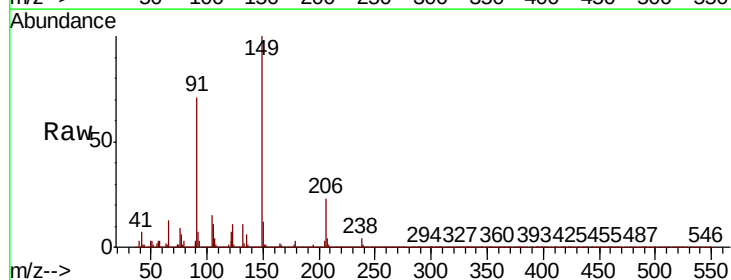
Tgt Ion:149 Resp: 1009073

Ion Ratio Lower Upper

149 100

91 71.2 59.8 89.6

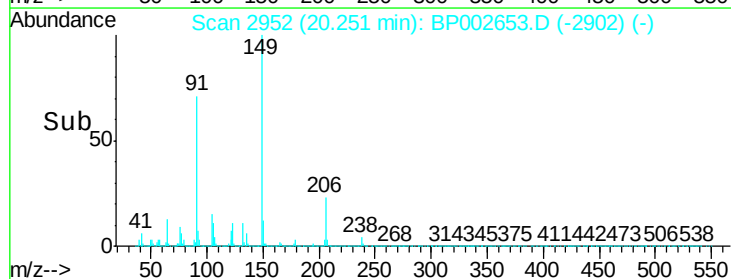
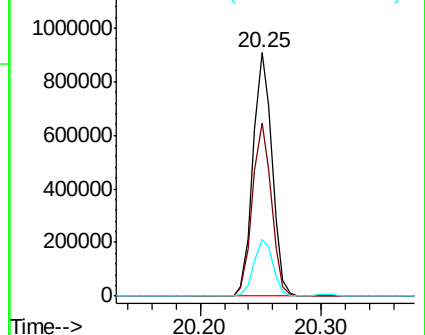
206 23.4 18.2 27.4

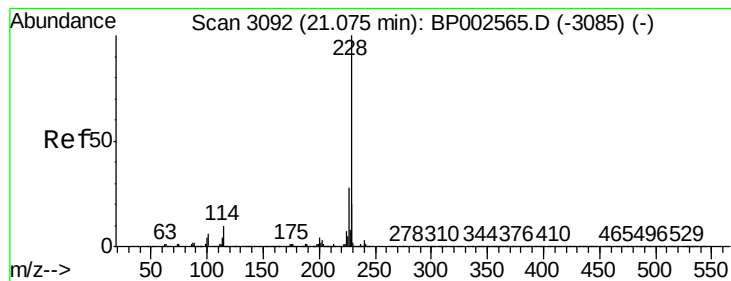


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.947 ng

RT: 21.07 min Scan# 3092

Delta R.T. -0.00 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

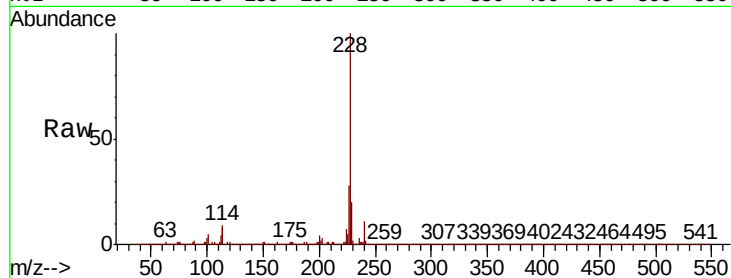
Tot Ion:228 Resp: 2427183

Ion Ratio Lower Upper

228 100

226 28.4 22.5 33.7

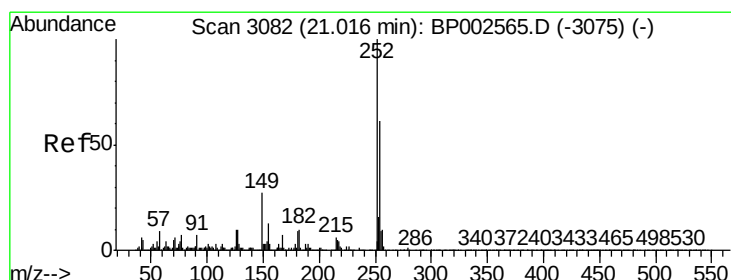
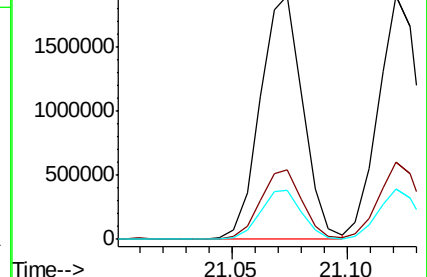
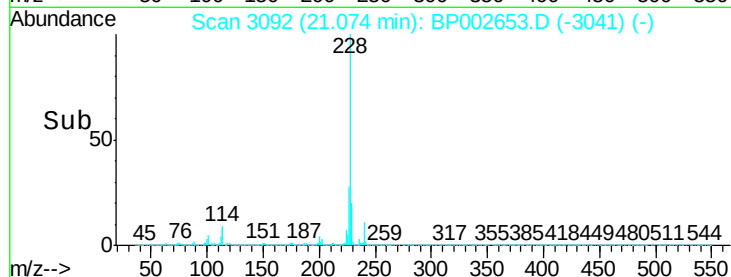
229 20.0 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.737 ng

RT: 21.01 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

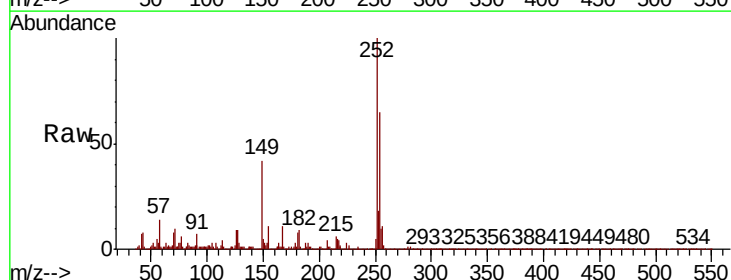
Tgt Ion:252 Resp: 672324

Ion Ratio Lower Upper

252 100

254 64.8 49.0 73.6

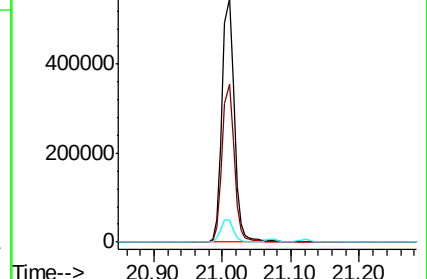
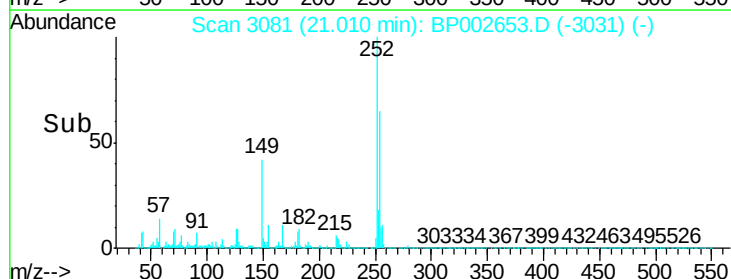
126 9.2 7.9 11.9

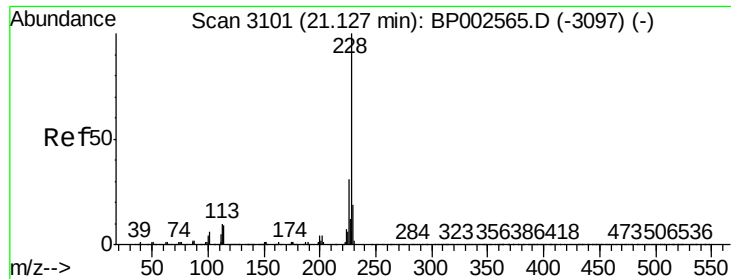


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.046 ng

RT: 21.12 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

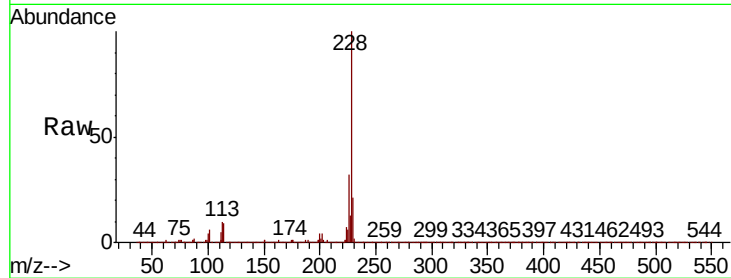
BNA_P

ClientSampleId :

PB129929BSD

Tot Ion:228 Resp: 2332981

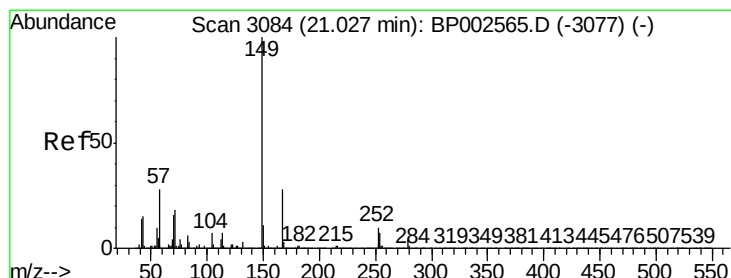
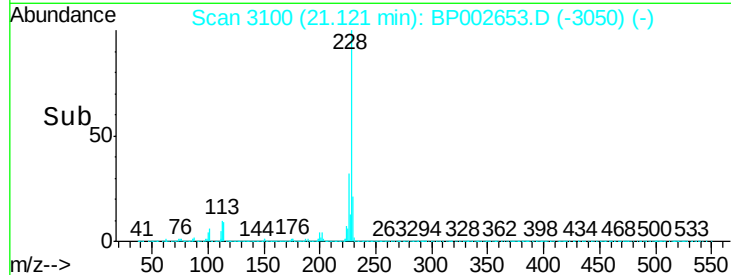
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.6	37.0
229	20.7	15.6	23.4



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: 38.417 ng

RT: 21.02 min Scan# 3083

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

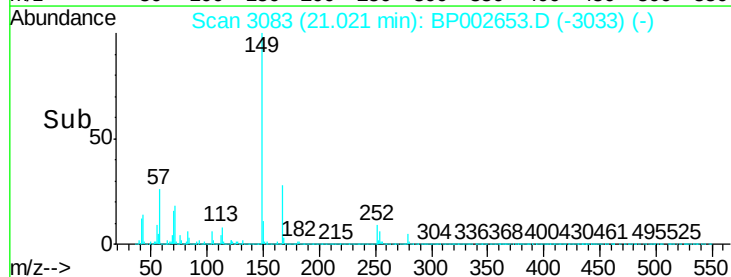
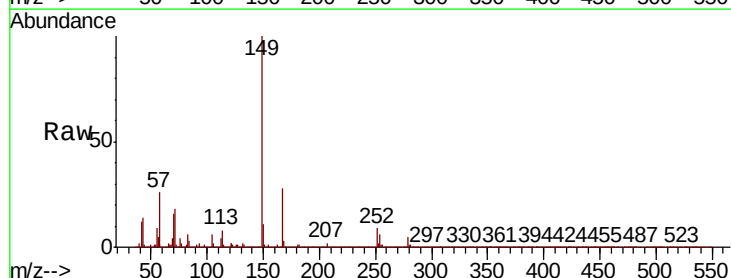
Tgt Ion:149 Resp: 1450886

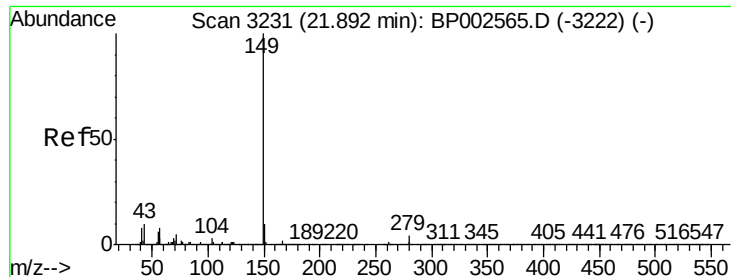
Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.1	33.1
279	4.8	3.4	5.0

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: 36.346 ng

RT: 21.89 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

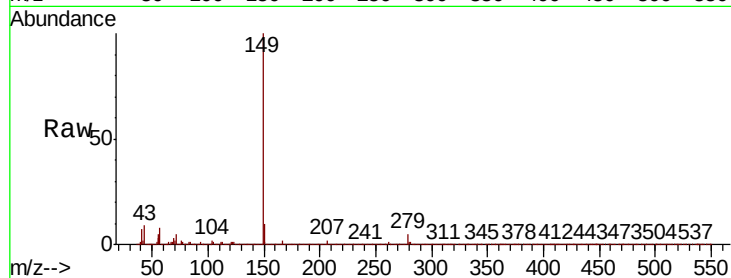
Tot Ion:149 Resp: 2424505

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

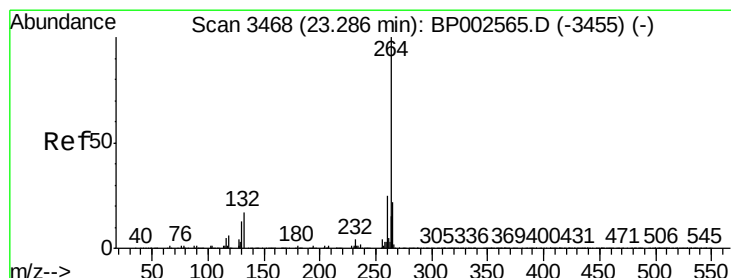
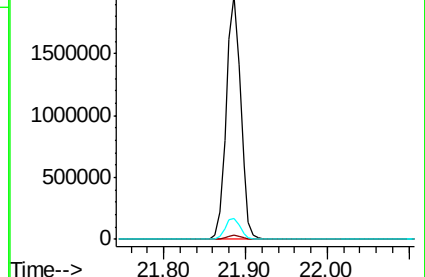
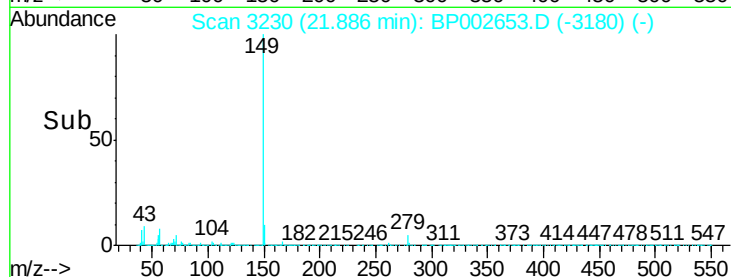
43 9.0 7.6 11.4



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: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

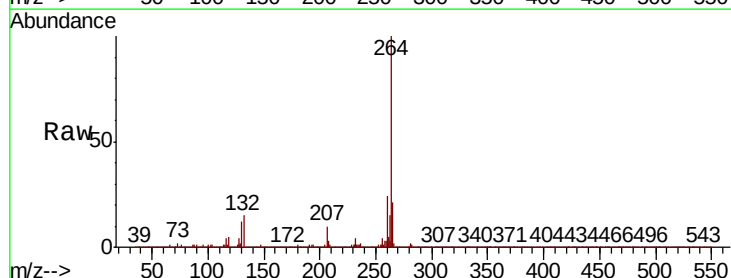
Tgt Ion:264 Resp: 868255

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

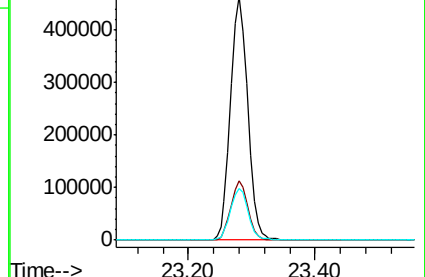
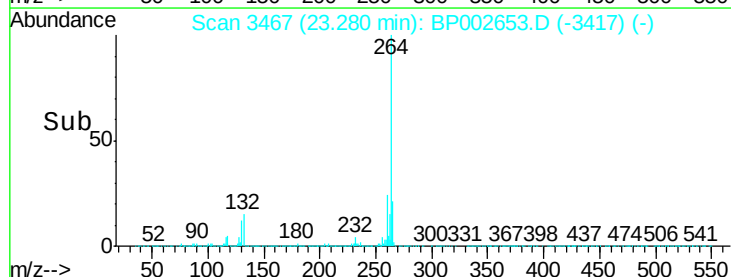
265 21.2 17.6 26.4

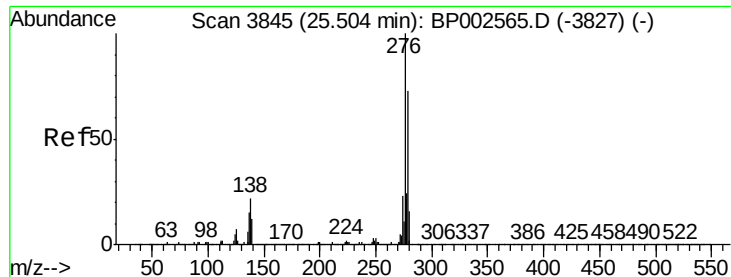


Abundance Ion 264.00 (263.70 to 264.70): E

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: 48.508 ng

RT: 25.49 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

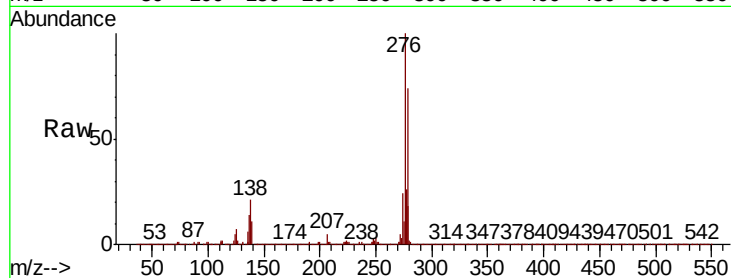
BNA_P

ClientSampleId :

PB129929BSD

Tot Ion:276 Resp: 3032501

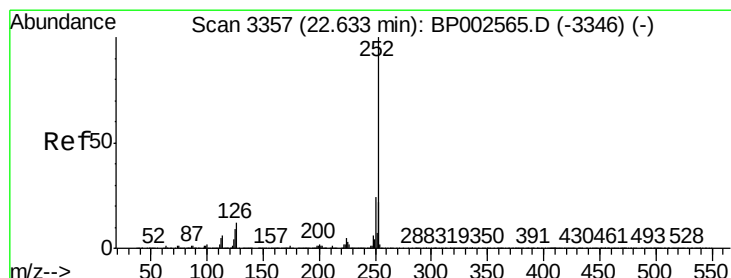
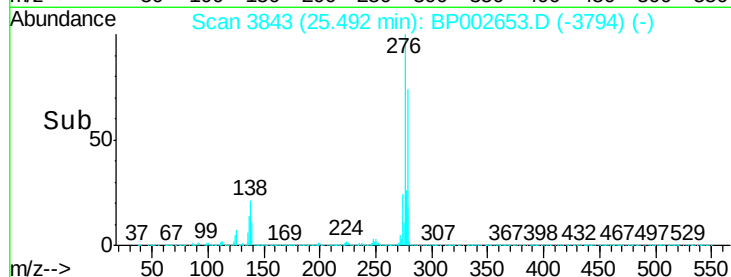
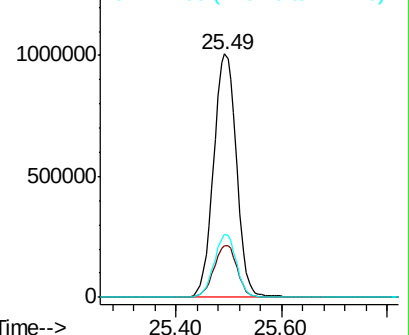
Ion	Ratio	Lower	Upper
276	100		
138	21.7	18.6	27.8
277	25.3	20.1	30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88

Benzo(b)fluoranthene

Concen: 44.173 ng

RT: 22.63 min Scan# 3356

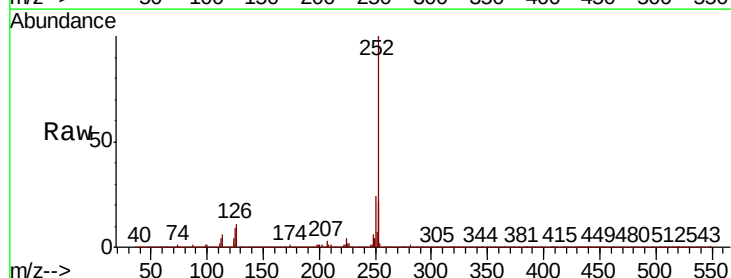
Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Tgt Ion:252 Resp: 2447289

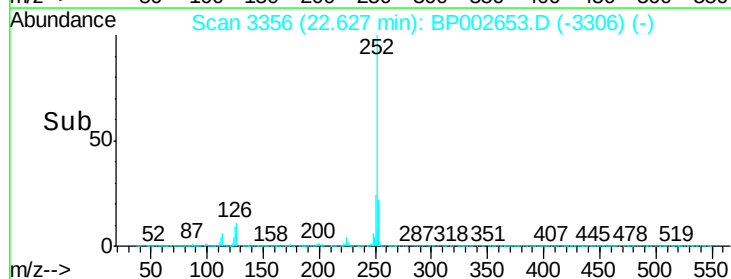
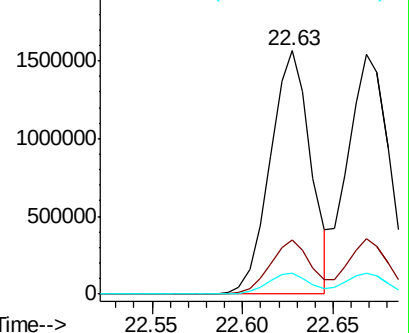
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.7	7.4	11.2

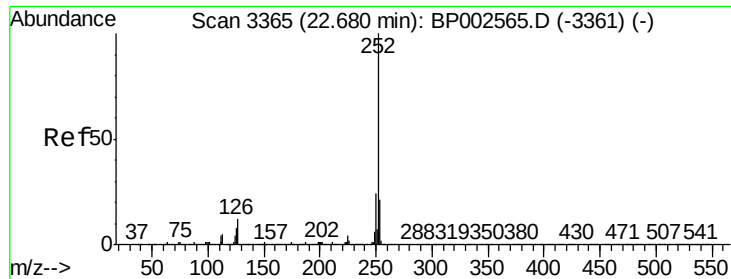


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

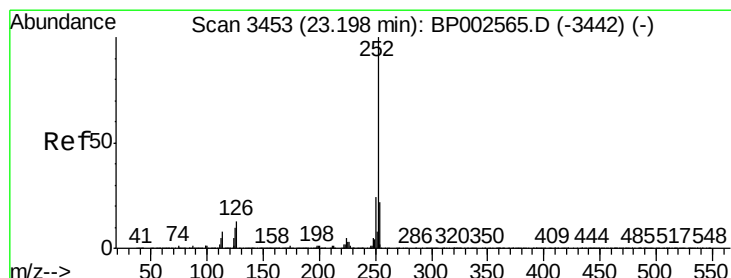
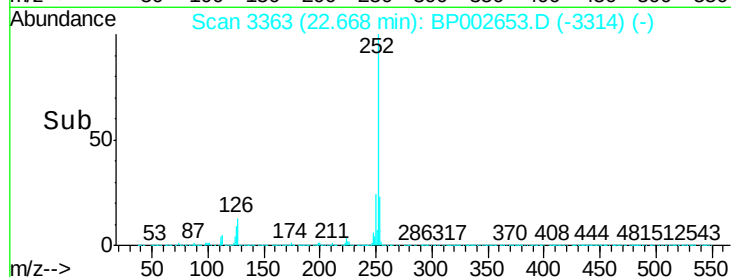
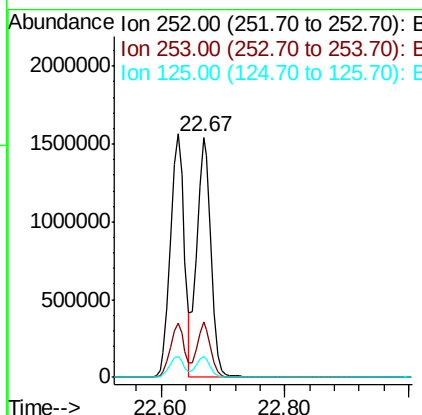
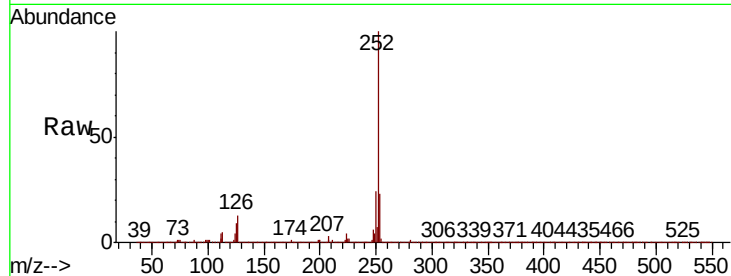




#89
Benzo(k)fluoranthene
Concen: 47.876 ng
RT: 22.67 min Scan# 3363
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

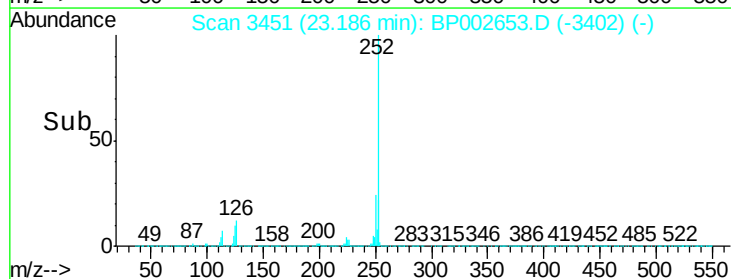
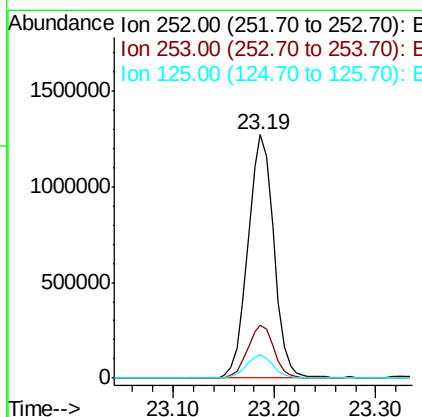
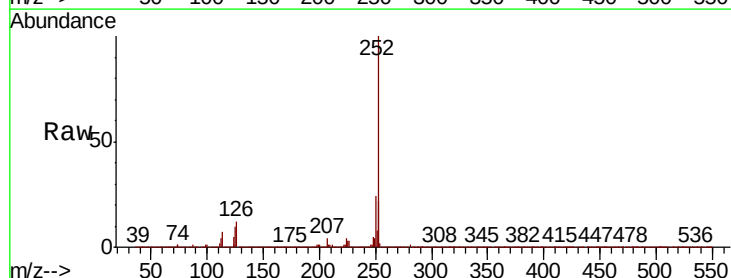
Instrument :
BNA_P
ClientSampleId :
PB129929BSD

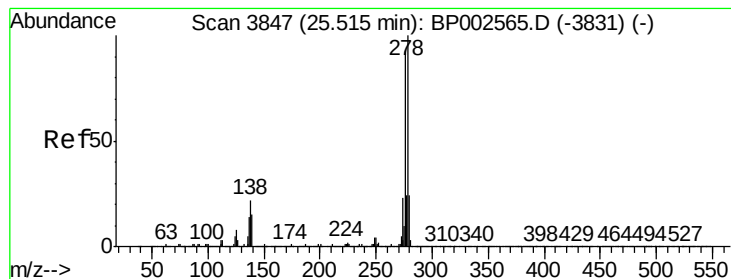
Tot Ion:252 Resp: 2474478
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 8.7 6.9 10.3



#90
Benzo(a)pyrene
Concen: 44.270 ng
RT: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BP002653.D
Acq: 07 Jul 2020 12:19

Tgt Ion:252 Resp: 2250767
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.6
125 9.6 7.8 11.8





#91

Dibenzo(a,h)anthracene

Concen: 49.179 ng

RT: 25.50 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

Instrument :

BNA_P

ClientSampleId :

PB129929BSD

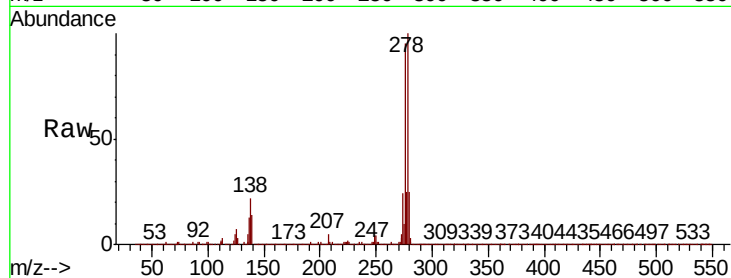
Tot Ion:278 Resp: 2512243

Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.2	18.2
279	24.9	19.0	28.6

278 100

139 14.4 12.2 18.2

279 24.9 19.0 28.6

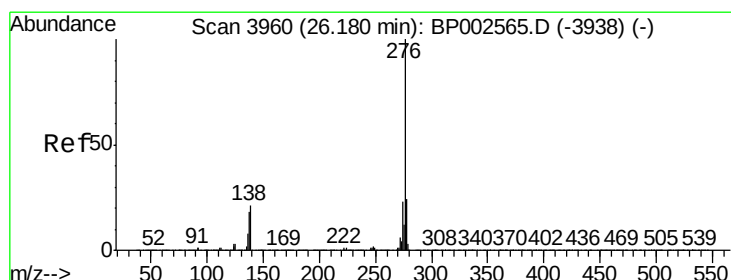
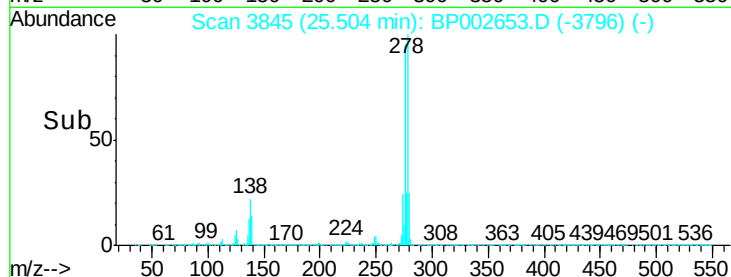
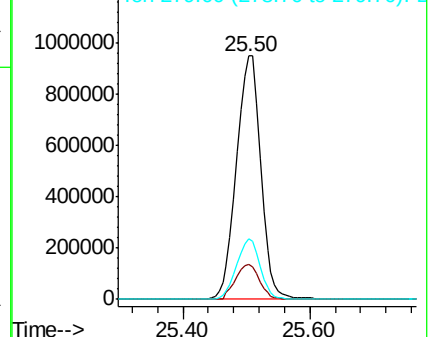


Abundance

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: 49.218 ng

RT: 26.16 min Scan# 3957

Delta R.T. -0.02 min

Lab File: BP002653.D

Acq: 07 Jul 2020 12:19

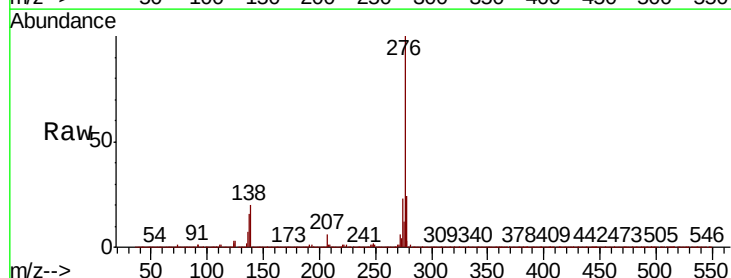
Tgt Ion:276 Resp: 2514522

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.3	28.9
138	19.5	16.9	25.3

276 100

277 24.4 19.3 28.9

138 19.5 16.9 25.3



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

