

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
 Data File : BP002929.D
 Acq On : 07 Aug 2020 12:22
 Operator : CG/JU
 Sample : PB130746BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

Quant Time: Aug 07 13:56:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	520869	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2076525	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1235452	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2334238	20.00	ng	0.00
76) Chrysene-d12	21.19	240	1807976	20.00	ng	0.00
86) Perylene-d12	23.45	264	1705257	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	3469525	101.95	ng	0.00
7) Phenol-d6	6.89	99	4341048	91.87	ng	0.00
23) Nitrobenzene-d5	8.86	82	2502450	65.27	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1583696	103.14	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	6136924	67.87	ng	0.00
79) Terphenyl-d14	19.67	244	6754577	74.79	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	402212	27.532	ng	95
3) Pyridine	3.65	79	1069427	26.275	ng	96
4) n-Nitrosodimethylamine	3.56	42	360943	30.189	ng	93
6) Aniline	7.04	93	2002466	36.529	ng	95
8) 2-Chlorophenol	7.28	128	1423147	39.220	ng	94
9) Benzaldehyde	6.85	77	894309	35.549	ng	89
10) Phenol	6.92	94	1747725	36.727	ng	95
11) bis(2-Chloroethyl)ether	7.14	93	1291369	35.282	ng	94
12) 1,3-Dichlorobenzene	7.60	146	1485957	36.282	ng	96
13) 1,4-Dichlorobenzene	7.75	146	1510752	36.494	ng	99
14) 1,2-Dichlorobenzene	8.06	146	1460092	36.984	ng	98
15) Benzyl Alcohol	7.95	79	1087249	34.875	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.25	45	1078064	31.351	ng	97
17) 2-Methylphenol	8.16	107	1173626	38.595	ng	97
18) Hexachloroethane	8.79	117	522099	36.158	ng	97
19) n-Nitroso-di-n-propylamine	8.52	70	870794	31.985	ng	95
20) 3+4-Methylphenols	8.48	107	1591388	38.831	ng	97
22) Acetophenone	8.53	105	1972471	33.667	ng	97
24) Nitrobenzene	8.90	77	1327772	31.900	ng	91
25) Isophorone	9.43	82	2569865	31.201	ng	96
26) 2-Nitrophenol	9.60	139	710627	41.571	ng	91
27) 2,4-Dimethylphenol	9.68	122	1304423	39.769	ng	96
28) bis(2-Chloroethoxy)methane	9.91	93	1687834	36.730	ng	100
29) 2,4-Dichlorophenol	10.15	162	1368173	39.633	ng	98
30) 1,2,4-Trichlorobenzene	10.36	180	1461305	36.211	ng	99
31) Naphthalene	10.55	128	4067890	34.221	ng	100
32) Benzoic acid	9.83	122	829872	43.817	ng	93
33) 4-Chloroaniline	10.65	127	1655027	33.596	ng	97
34) Hexachlorobutadiene	10.85	225	879627	35.619	ng	99
35) Caprolactam	11.41	113	399953	37.444	ng	87
36) 4-Chloro-3-methylphenol	11.78	107	1301159	36.259	ng	97
37) 2-Methylnaphthalene	12.16	142	3003412	35.520	ng	99
38) 1-Methylnaphthalene	12.38	142	2810331	35.308	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1629303	36.680	ng	99

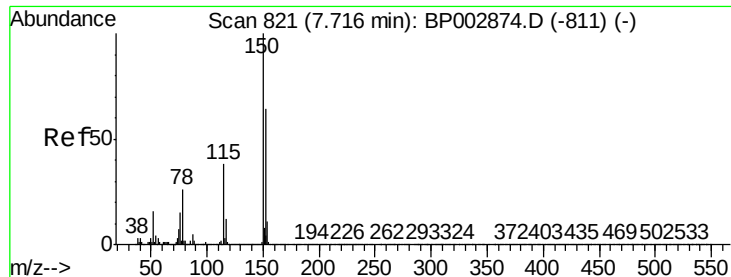
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080720\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	2235601	97.018	nq	100
43) 2,4,6-Trichlorophenol	12.78	196	1066352	41.421	nq	99
44) 2,4,5-Trichlorophenol	12.85	196	1139249	40.339	nq	96
46) 1,1'-Biphenyl	13.18	154	3687985	36.110	nq	98
47) 2-Chloronaphthalene	13.22	162	2859152	35.750	nq	98
48) 2-Nitroaniline	13.42	65	639865	33.393	nq #	84
49) Acenaphthylene	14.07	152	4459364	35.554	nq	100
50) Dimethylphthalate	13.82	163	3393283	35.117	nq	100
51) 2,6-Dinitrotoluene	13.92	165	753785	35.415	nq #	83
52) Acenaphthene	14.42	154	2693411	33.411	nq	99
53) 3-Nitroaniline	14.25	138	674245	30.743	nq	91
54) 2,4-Dinitrophenol	14.45	184	726536	79.257	nq #	84
55) Dibenzofuran	14.75	168	4167887	33.706	nq	99
56) 4-Nitrophenol	14.56	139	1241267	72.442	nq	87
57) 2,4-Dinitrotoluene	14.71	165	972751	35.005	nq	90
58) Fluorene	15.40	166	3212449	33.181	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.98	232	977159	41.468	nq	96
60) Diethylphthalate	15.19	149	3193900	33.826	nq	99
61) 4-Chlorophenyl-phenylether	15.40	204	1767959	35.482	nq	97
62) 4-Nitroaniline	15.42	138	728336	33.263	nq	94
63) Azobenzene	15.69	77	2713839	28.550	nq	96
65) 4,6-Dinitro-2-methylphenol	15.48	198	480893	40.756	nq	88
66) n-Nitrosodiphenylamine	15.62	169	2866550	37.080	nq	100
67) 4-Bromophenyl-phenylether	16.30	248	1112966	39.191	nq	96
68) Hexachlorobenzene	16.42	284	1259336	38.340	nq	96
69) Atrazine	16.57	200	868093	33.144	nq	99
70) Pentachlorophenol	16.76	266	1504486	88.327	nq	99
71) Phenanthrene	17.15	178	4837531	35.342	nq	100
72) Anthracene	17.23	178	4948956	36.993	nq	100
73) Carbazole	17.50	167	4268046	32.668	nq	99
74) Di-n-butylphthalate	18.08	149	4957635	36.073	nq	99
75) Fluoranthene	19.12	202	5307299	33.653	nq	99
77) Benzidine	19.29	184	4154984	75.365	nq	99
78) Pyrene	19.47	202	5279281	41.770	nq	99
80) Butylbenzylphthalate	20.36	149	1899337	37.695	nq	88
81) Benzo(a)anthracene	21.17	228	4509077	36.614	nq	99
82) 3,3'-Dichlorobenzidine	21.11	252	1722592	35.340	nq	100
83) Chrysene	21.23	228	4236447	36.468	nq	99
84) Bis(2-ethylhexyl)phthalate	21.13	149	2657665	37.994	nq	100
85) Di-n-octyl phthalate	22.01	149	4165035	36.246	nq #	96
87) Indeno(1,2,3-cd)pyrene	25.76	276	5553739	40.666	nq	98
88) Benzo(b)fluoranthene	22.77	252	4312326	35.836	nq	99
89) Benzo(k)fluoranthene	22.82	252	4252009	37.384	nq	100
90) Benzo(a)pyrene	23.35	252	3917123	36.025	nq	99
91) Dibenzo(a,h)anthracene	25.77	278	4632086	39.852	nq	99
92) Benzo(g,h,i)perylene	26.46	276	4717907	41.975	nq	99

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

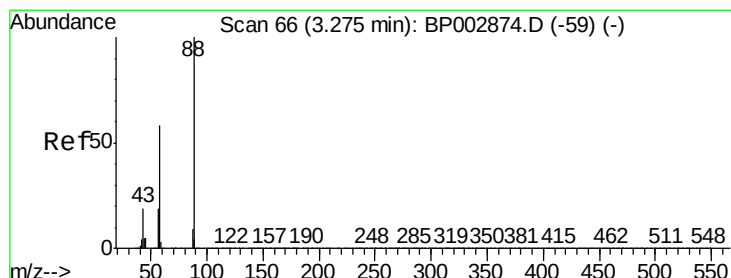
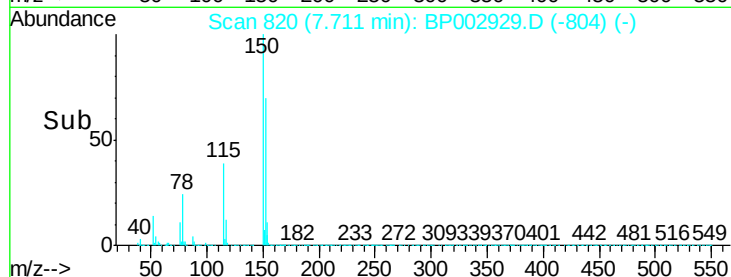
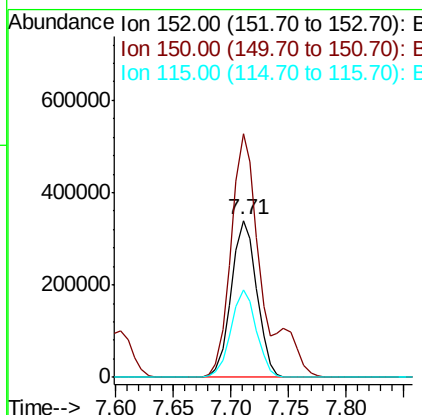
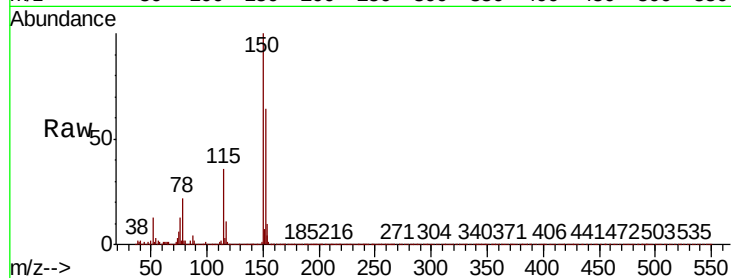


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.71 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

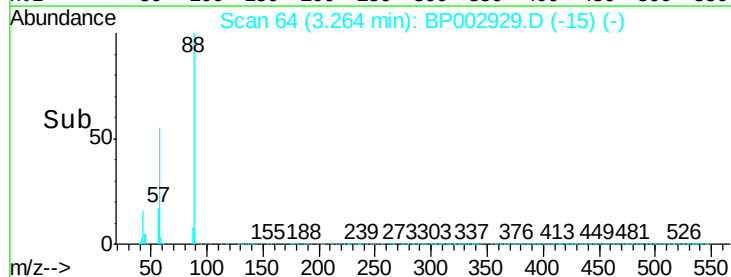
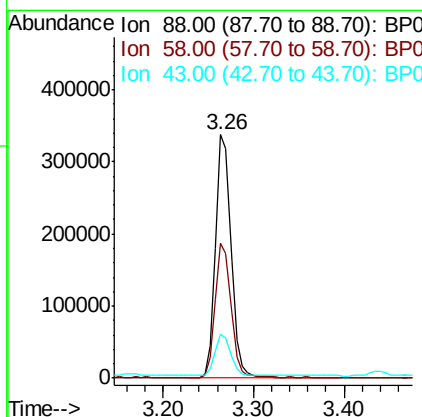
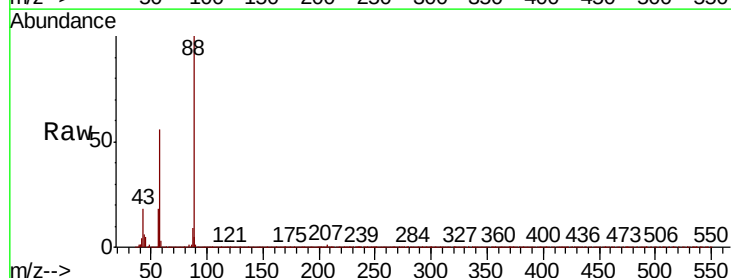
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.8	187.2
115	55.6	47.4	71.2

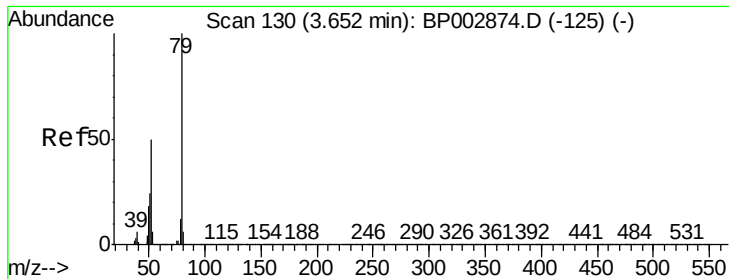


#2

1,4-Dioxane
Concen: 27.532 ng
RT: 3.26 min Scan# 64
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.5	47.4	71.0
43	17.5	15.2	22.8





#3

Pvridine

Concen: 26.275 ng

RT: 3.65 min Scan# 129

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

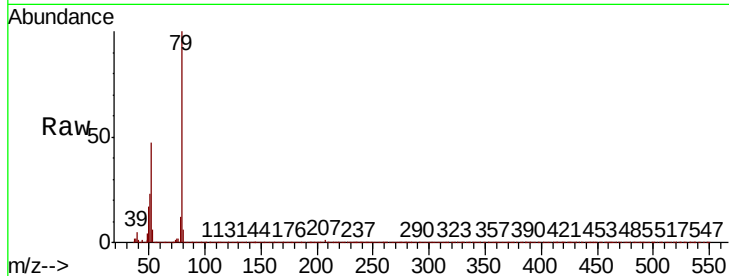
BNA_P

ClientSampleId :

PB130746BS

Tot Ion: 79 Resp: 1069427

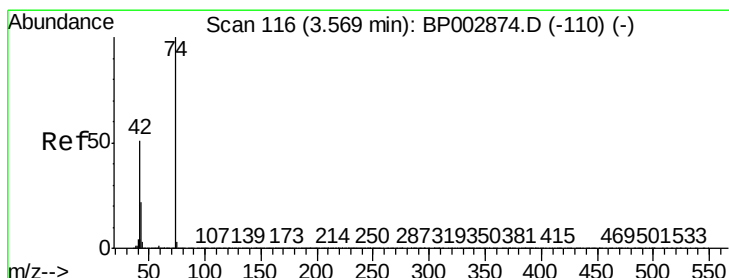
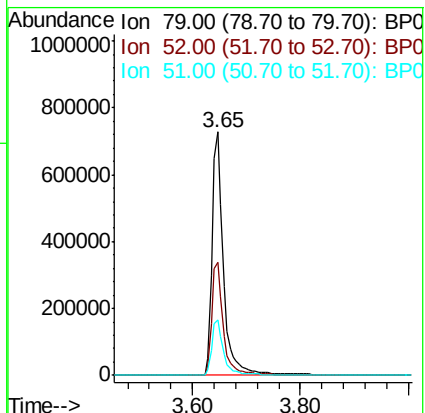
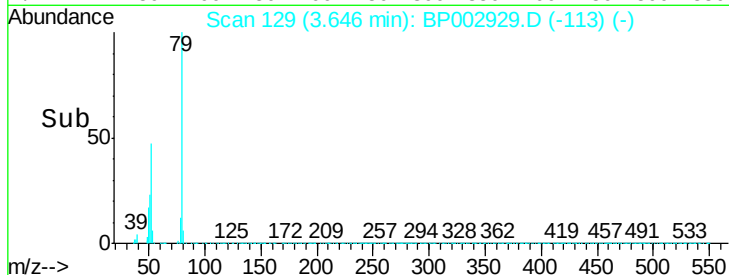
Ion	Ratio	Lower	Upper
79	100		
52	46.7	40.0	60.0
51	23.0	19.4	29.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 30.189 ng

RT: 3.56 min Scan# 114

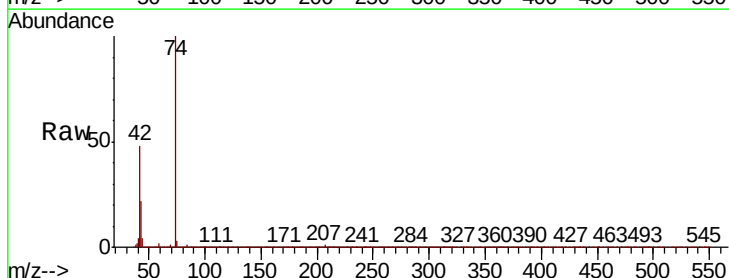
Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion: 42 Resp: 360943

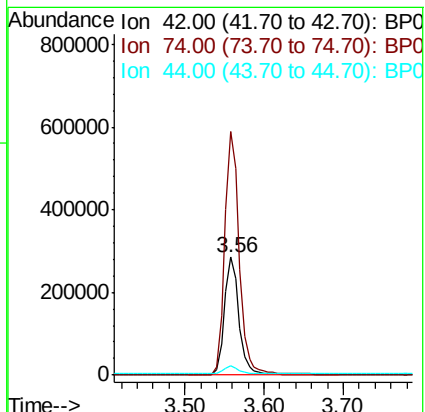
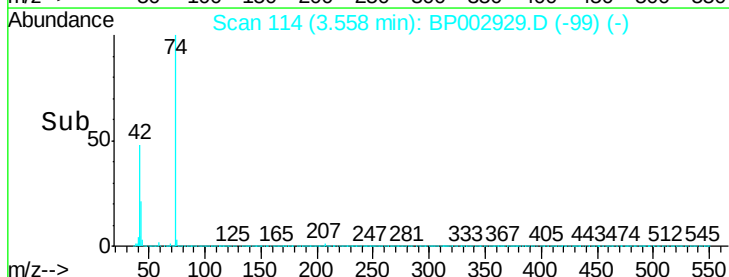
Ion	Ratio	Lower	Upper
42	100		
74	206.6	156.1	234.1
44	7.6	6.0	9.0

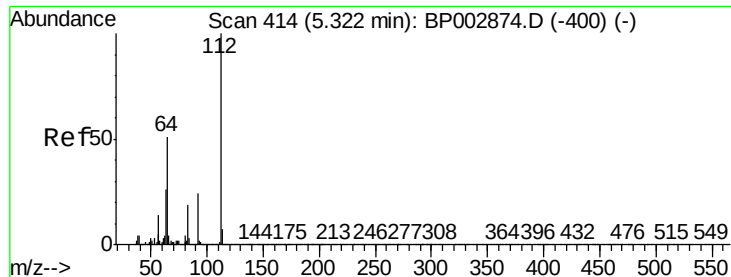


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 101.947 ng

RT: 5.32 min Scan# 413

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

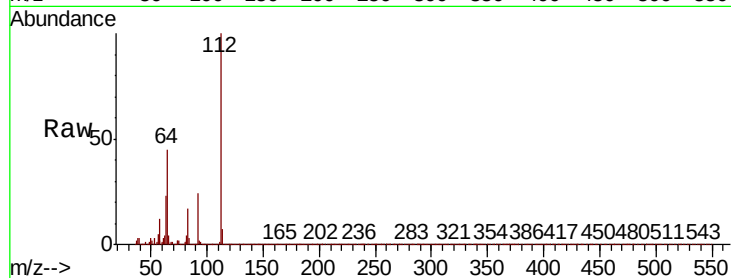
Tot Ion:112 Resp: 3469525

Ion Ratio Lower Upper

112 100

64 45.2 41.0 61.6

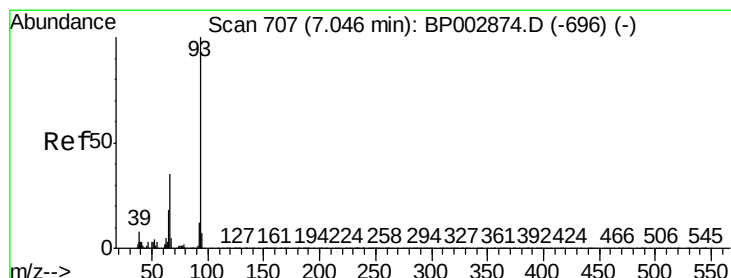
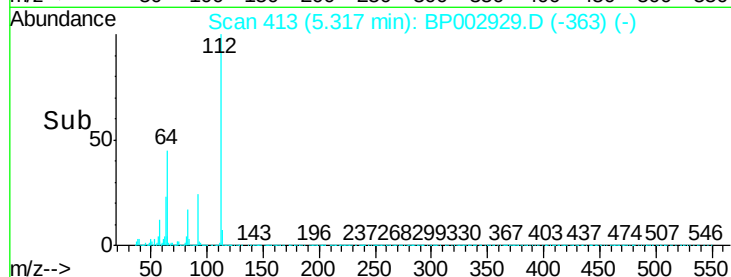
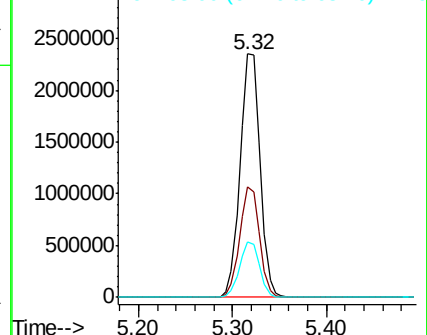
63 22.9 20.7 31.1



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: 36.529 ng

RT: 7.04 min Scan# 706

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

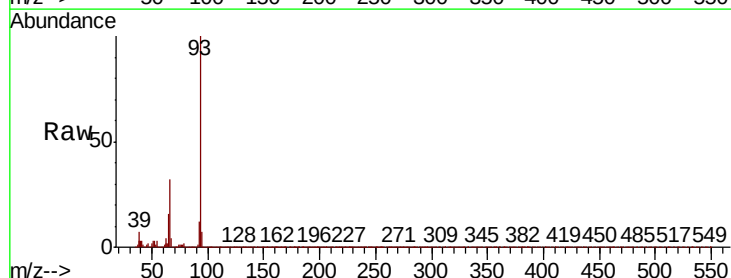
Tgt Ion: 93 Resp: 2002466

Ion Ratio Lower Upper

93 100

66 32.3 28.3 42.5

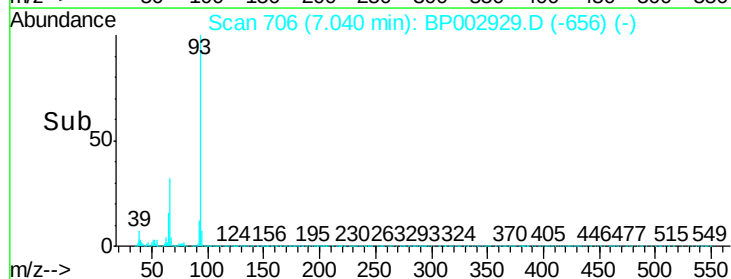
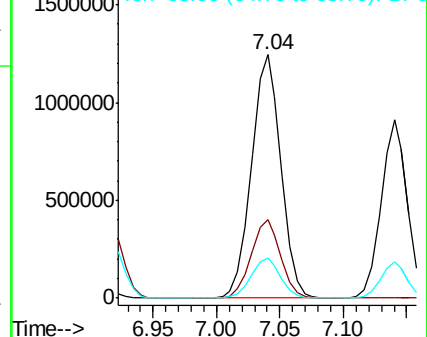
65 16.3 14.6 21.8

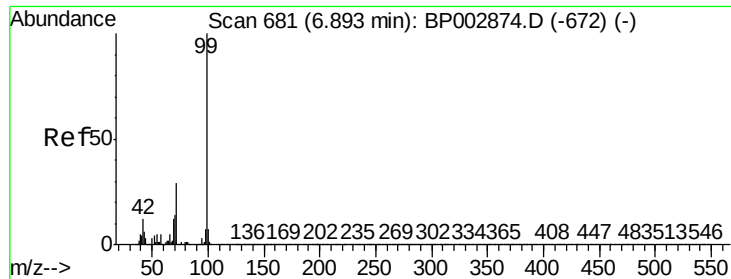


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 91.874 ng

RT: 6.89 min Scan# 681

Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

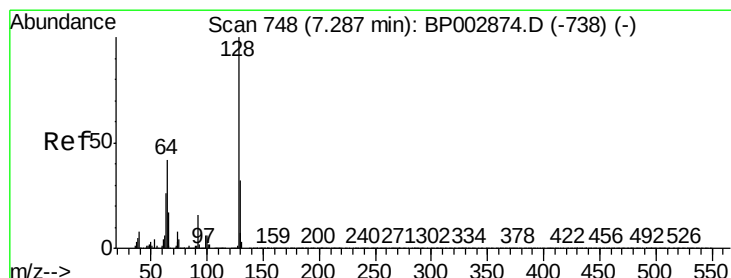
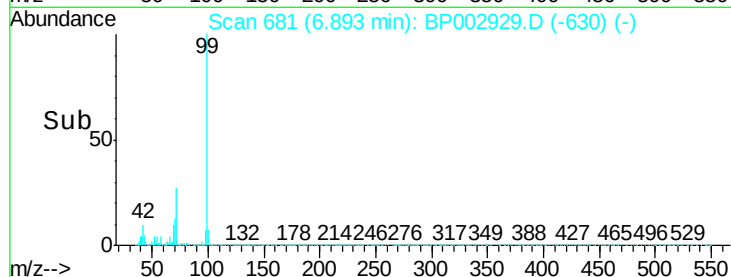
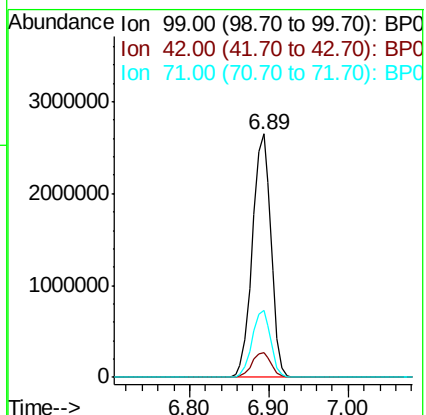
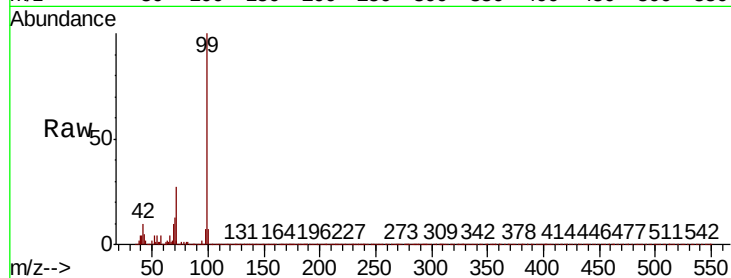
BNA_P

ClientSampleId :

PB130746BS

Tot Ion: 99 Resp: 4341048

Ion	Ratio	Lower	Upper
99	100		
42	10.4	9.3	13.9
71	27.4	23.5	35.3



#8

2-Chlorophenol

Concen: 39.220 ng

RT: 7.28 min Scan# 747

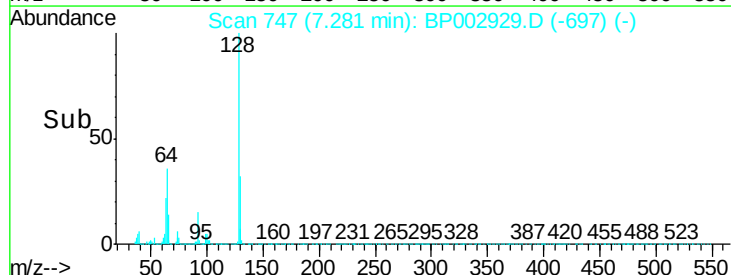
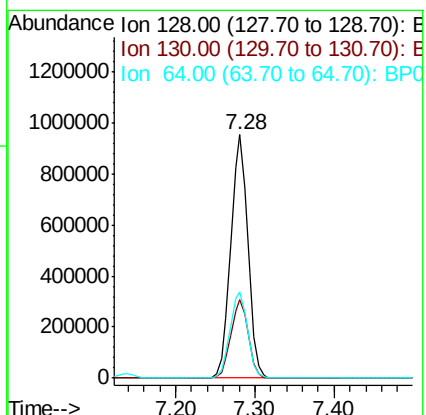
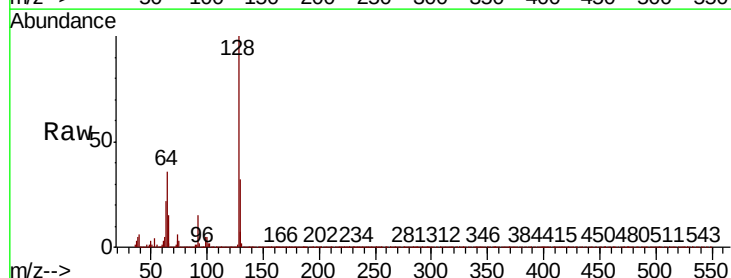
Delta R.T. -0.01 min

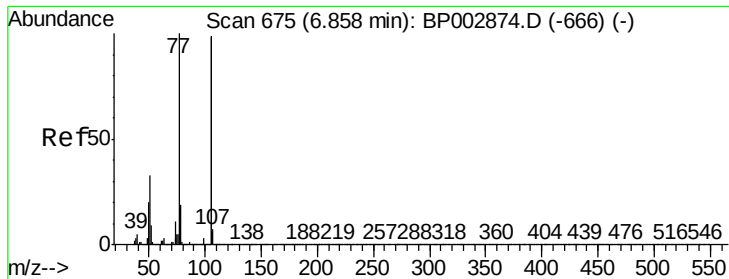
Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion: 128 Resp: 1423147

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	35.7	22.4	62.4





#9

Benzaldehyde

Concen: 35.549 ng

RT: 6.85 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

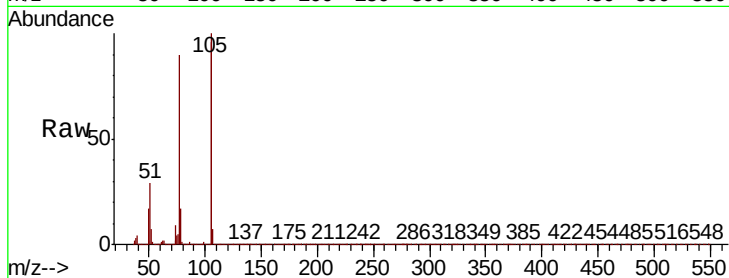
Tot Ion: 77 Resp: 894309

Ion Ratio Lower Upper

77 100

105 110.8 79.0 119.0

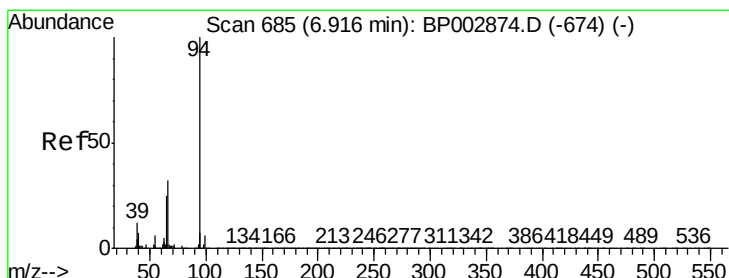
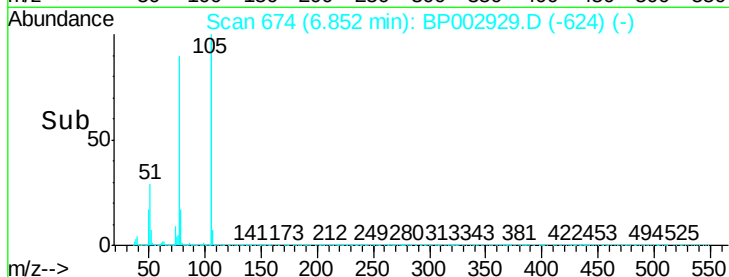
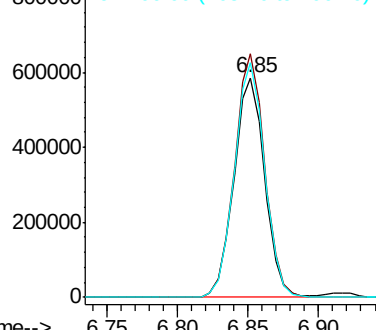
106 106.6 77.5 117.5



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 36.727 ng

RT: 6.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

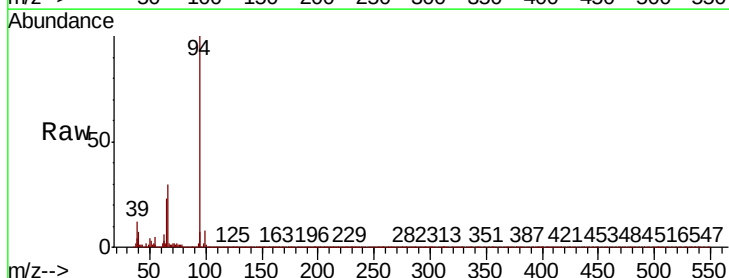
Tgt Ion: 94 Resp: 1747725

Ion Ratio Lower Upper

94 100

65 22.6 5.4 45.4

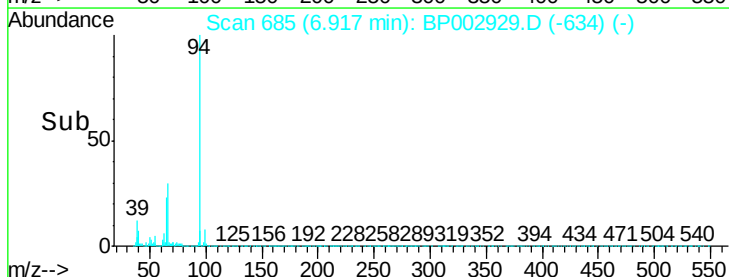
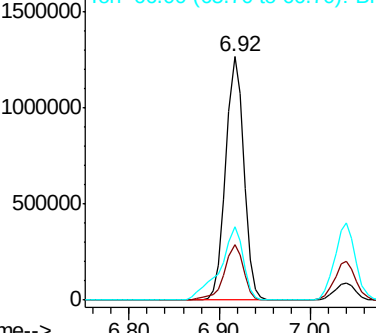
66 29.9 11.9 51.9

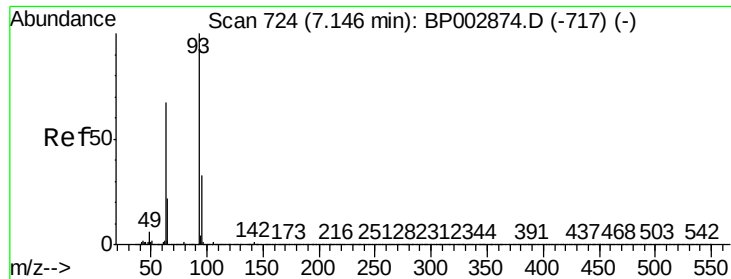


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0



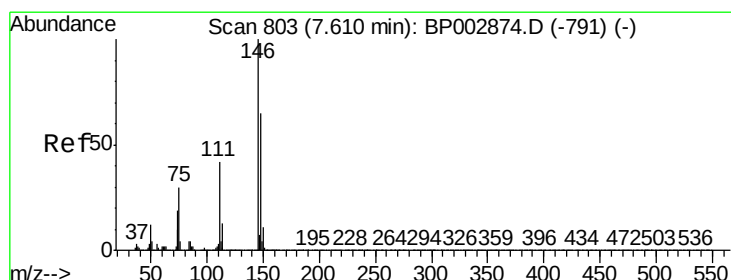
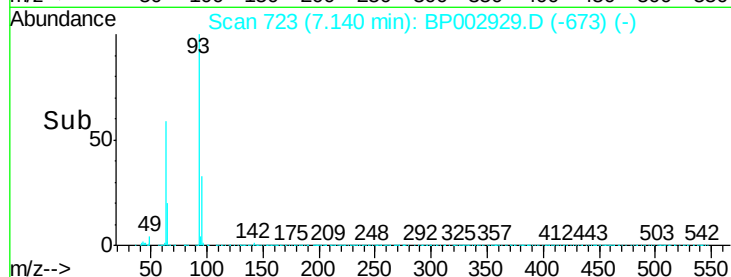
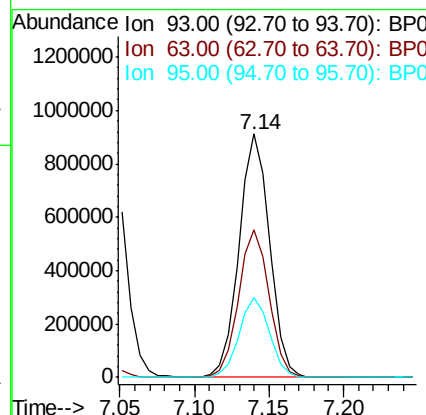
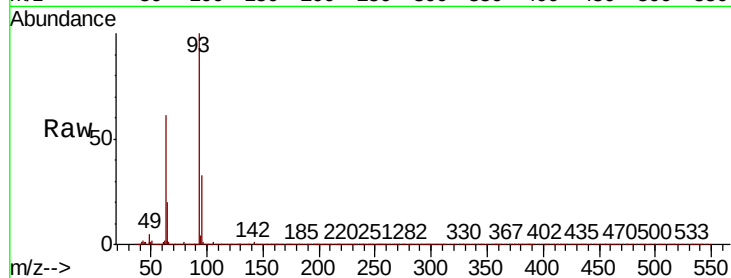


#11
bis(2-Chloroethyl)ether
Concen: 35.282 ng
RT: 7.14 min Scan# 723
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion: 93 Resp: 1291369

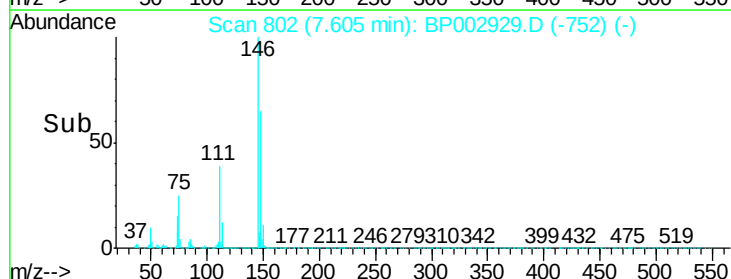
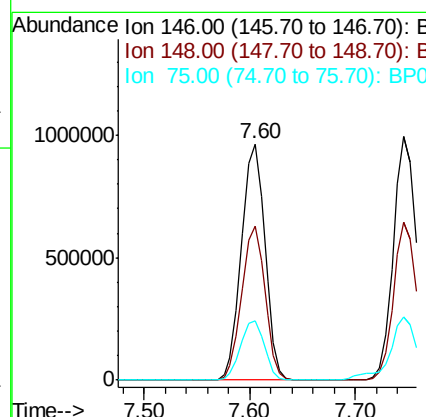
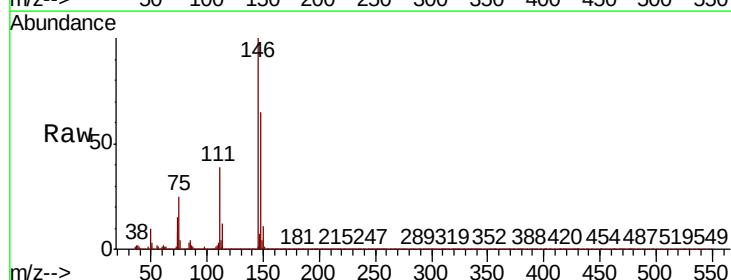
Ion	Ratio	Lower	Upper
93	100		
63	60.5	47.2	87.2
95	32.6	12.6	52.6

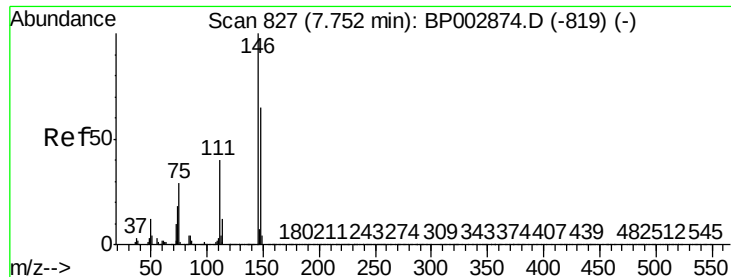


#12
1,3-Dichlorobenzene
Concen: 36.282 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion: 146 Resp: 1485957

Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.6	77.4
75	25.1	24.4	36.6

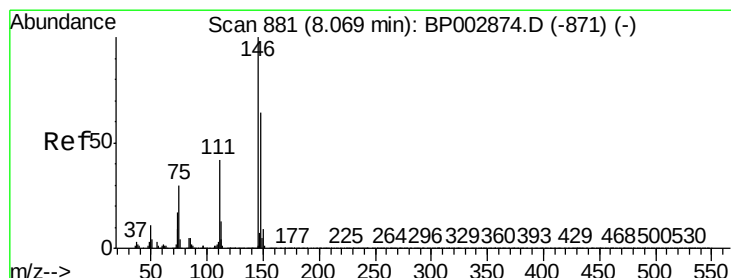
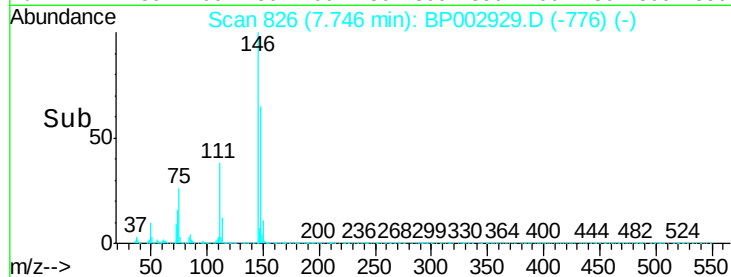
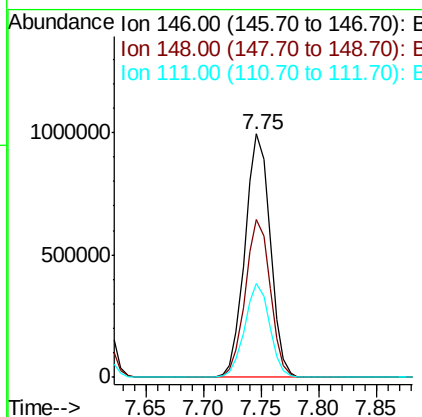
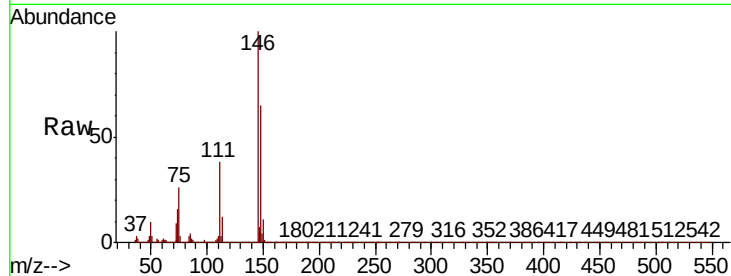




#13
 1,4-Dichlorobenzene
 Concen: 36.494 ng
 RT: 7.75 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

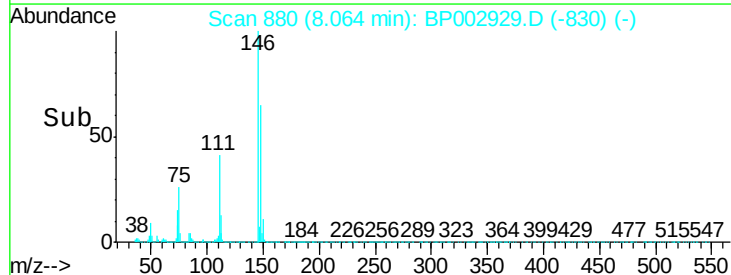
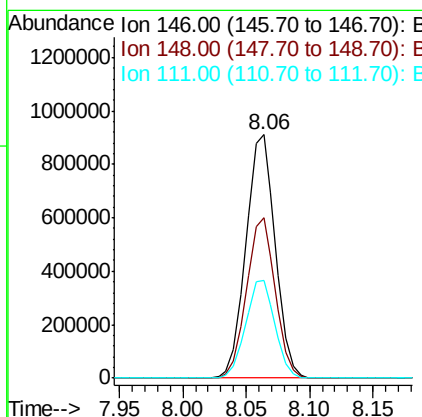
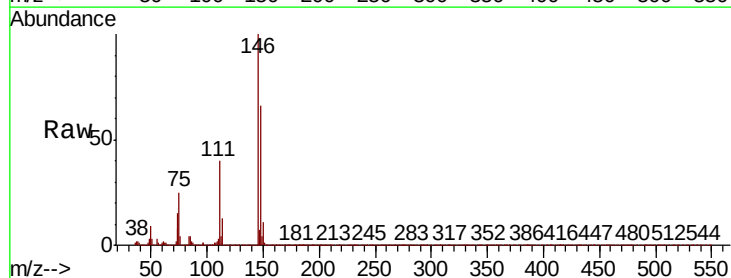
Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

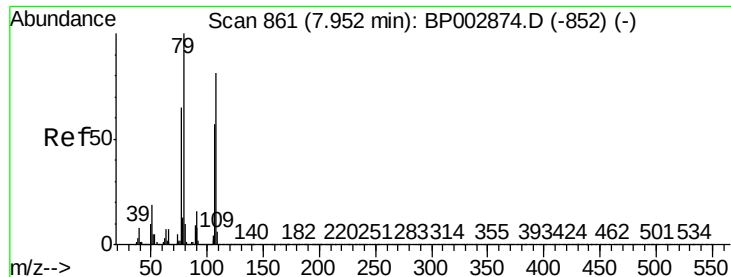
Tot Ion:146 Resp: 1510752
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.8 77.8
 111 38.5 32.2 48.4



#14
 1,2-Dichlorobenzene
 Concen: 36.984 ng
 RT: 8.06 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Tgt Ion:146 Resp: 1460092
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.4 77.2
 111 40.3 33.6 50.4

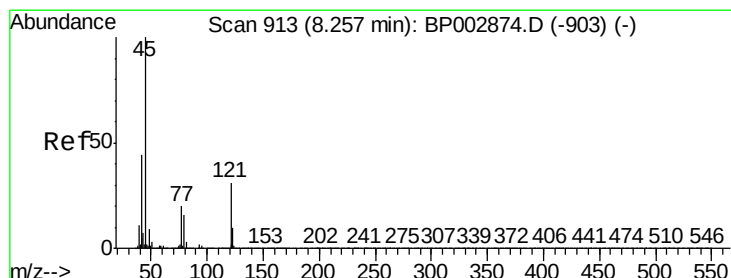
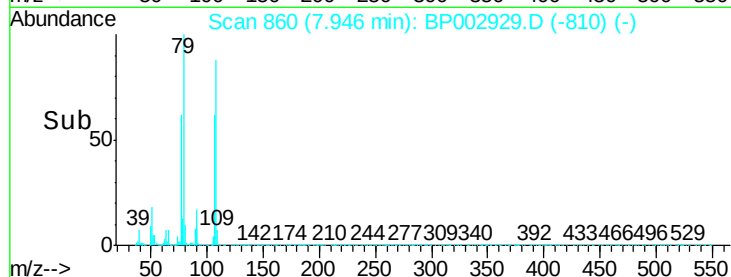
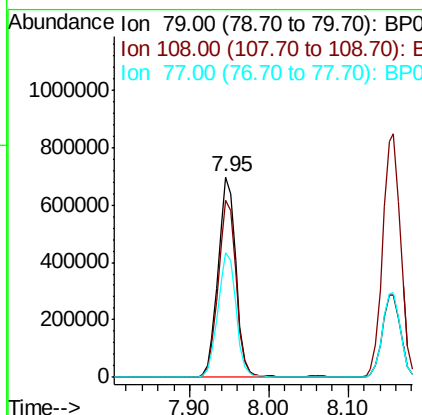
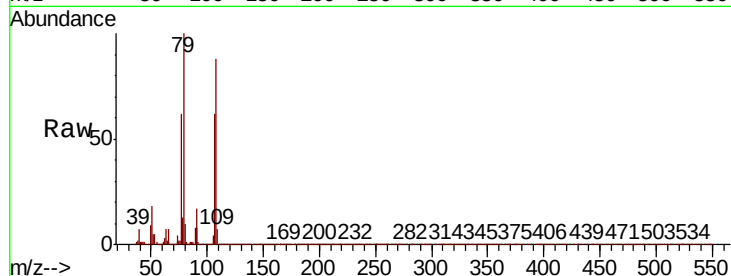




#15
Benzyl Alcohol
Concen: 34.875 ng
RT: 7.95 min Scan# 860
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

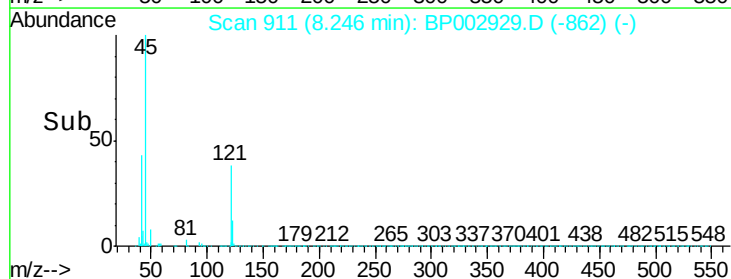
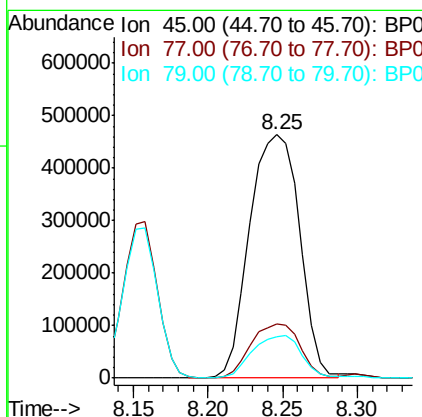
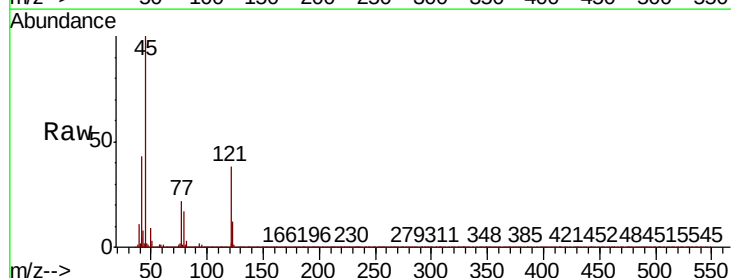
Instrument :
BNA_P
ClientSampled :
PB130746BS

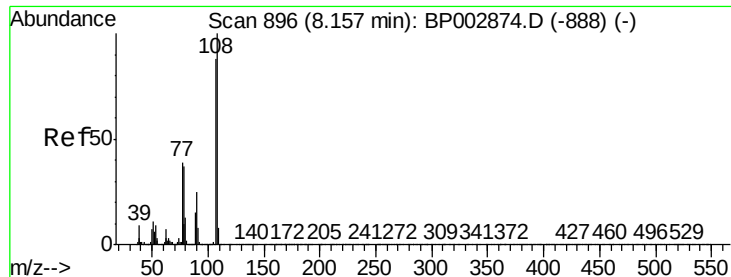
Tot Ion: 79 Resp: 1087249
Ion Ratio Lower Upper
79 100
108 88.4 65.0 97.6
77 62.3 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.351 ng
RT: 8.25 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion: 45 Resp: 1078064
Ion Ratio Lower Upper
45 100
77 22.2 0.4 40.4
79 17.1 0.0 36.2





#17

2-Methylphenol

Concen: 38.595 ng

RT: 8.16 min Scan# 896

Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

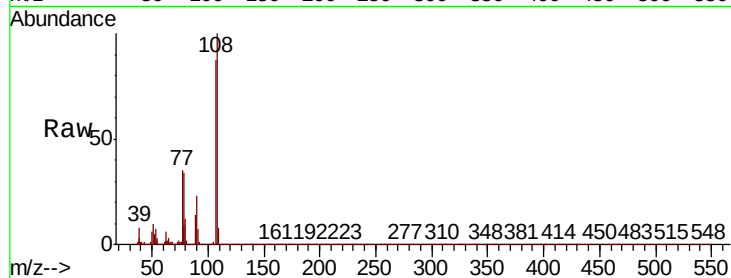
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:107 Resp: 1173626

Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.6	136.0
77	40.3	35.7	53.5
79	38.8	34.0	51.0

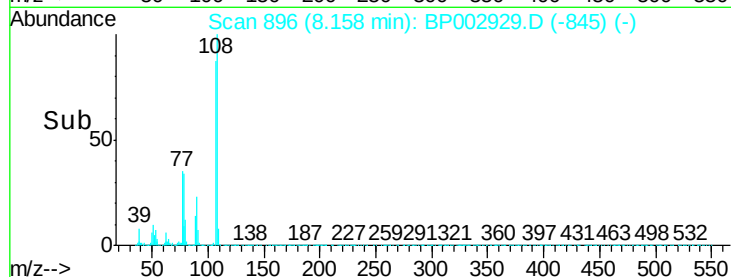


Abundance Ion 107.00 (106.70 to 107.70): E

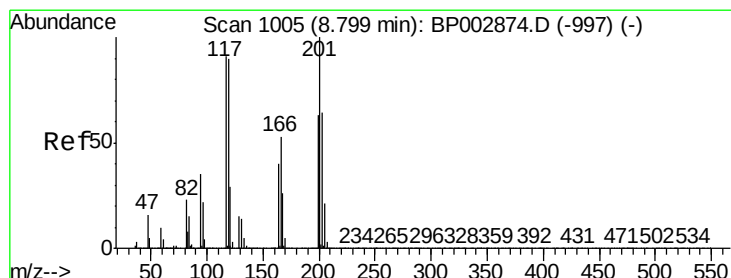
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



Time--> 8.05 8.10 8.15 8.20 8.25



#18

Hexachloroethane

Concen: 36.158 ng

RT: 8.79 min Scan# 1003

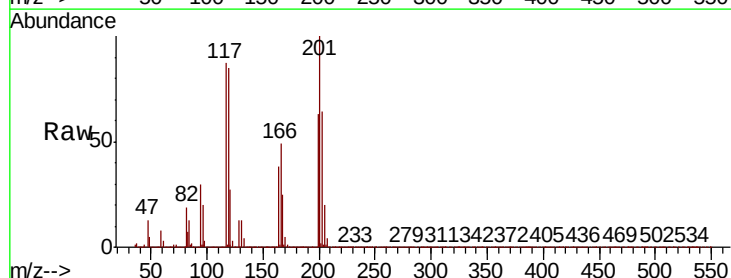
Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:117 Resp: 522099

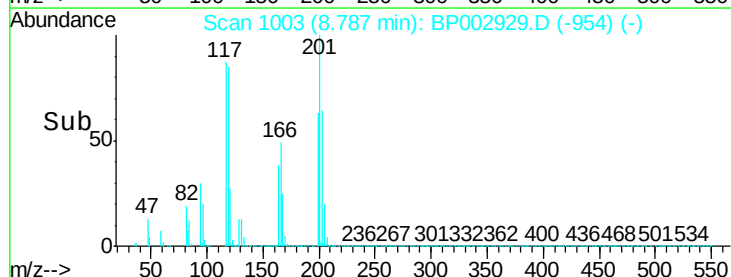
Ion	Ratio	Lower	Upper
117	100		
119	97.2	79.1	118.7
201	114.3	87.6	131.4



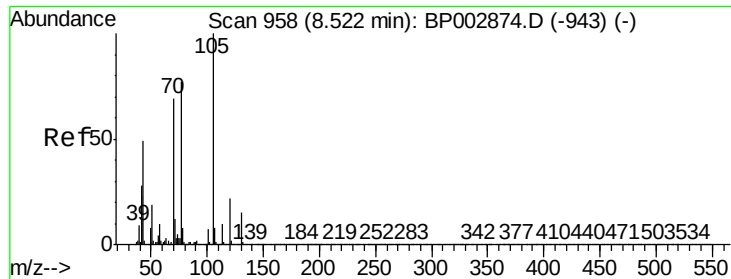
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



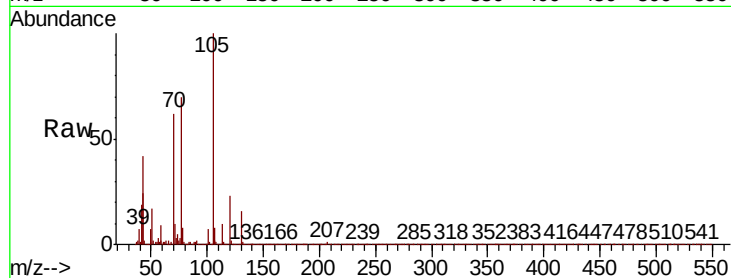
Time--> 8.70 8.75 8.80 8.85 8.90



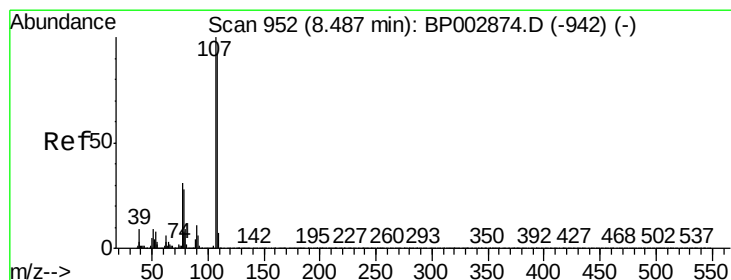
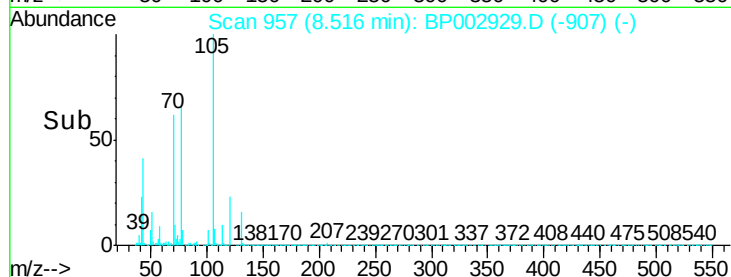
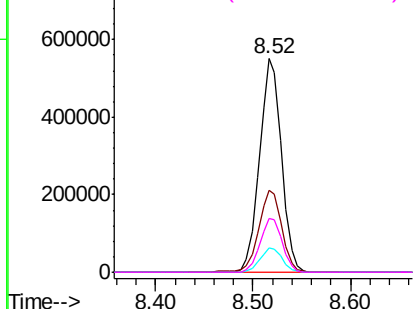
#19
n-Nitroso-di-n-propylamine
Concen: 31.985 ng
RT: 8.52 min Scan# 957
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion:	70	Resp:	870794
Ion	Ratio	Lower	Upper
70	100		
42	38.3	32.6	49.0
101	11.4	8.0	12.0
130	25.3	16.9	25.3

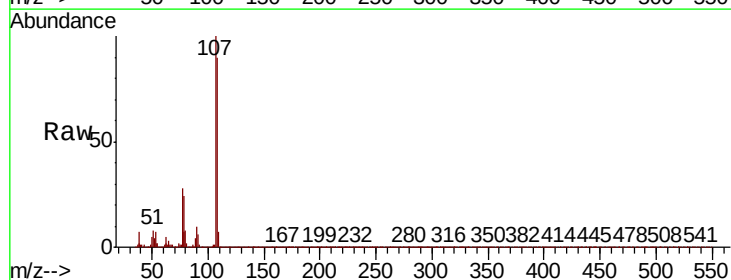


Abundance Ion 70.00 (69.70 to 70.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

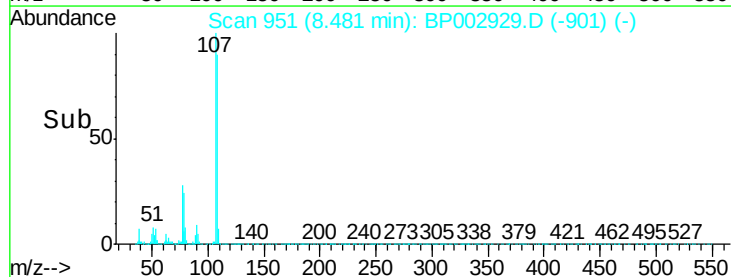
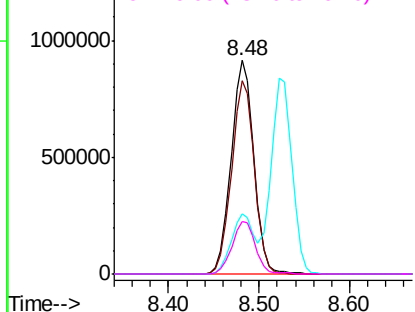


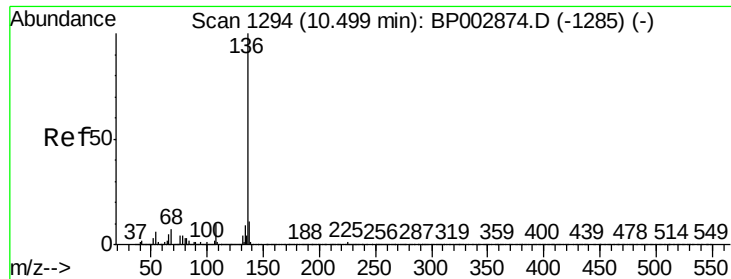
#20
3+4-Methylphenols
Concen: 38.831 ng
RT: 8.48 min Scan# 951
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:	107	Resp:	1591388
Ion	Ratio	Lower	Upper
107	100		
108	90.3	72.2	112.2
77	28.5	11.5	51.5
79	24.3	7.6	47.6



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

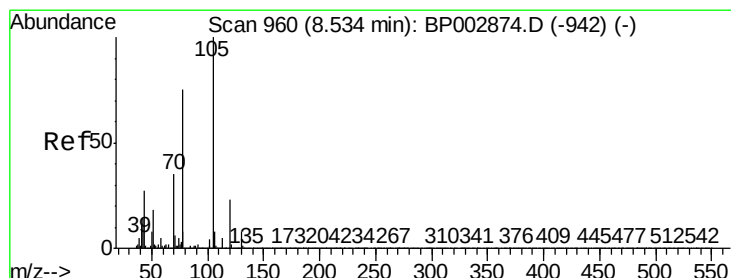
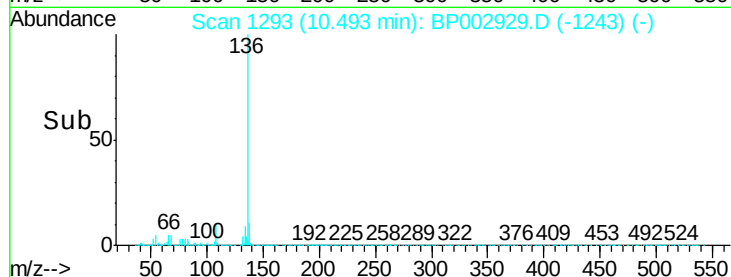
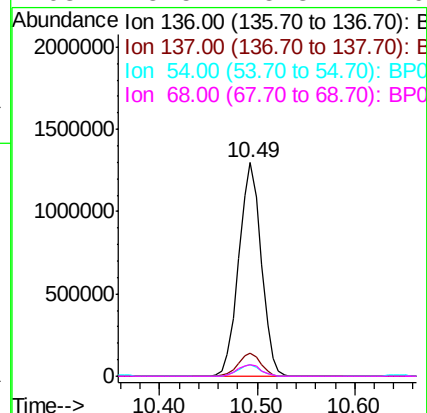
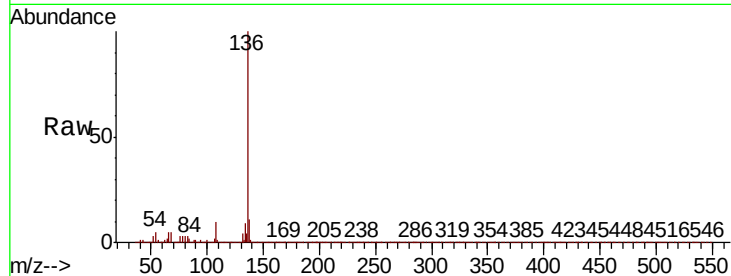




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

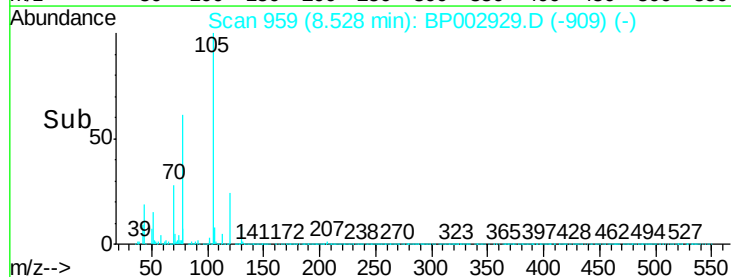
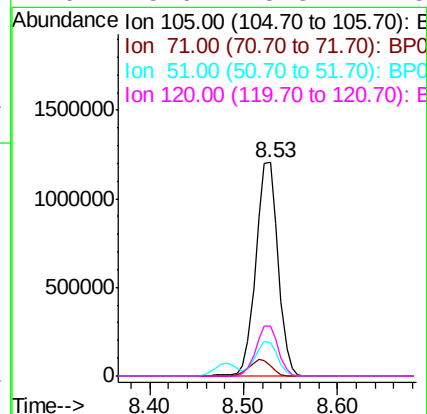
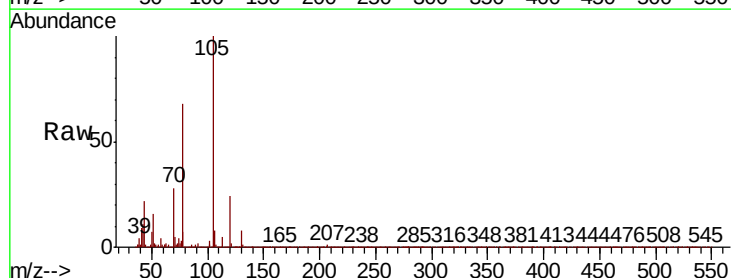
Instrument :
BNA_P
ClientSampleId :
PB130746BS

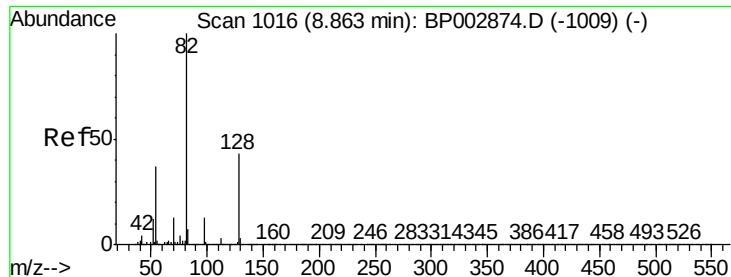
Tot Ion:136	Resp: 2076525
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 5.2	5.1 7.7
68 5.5	5.3 7.9



#22
Acetophenone
Concen: 33.667 ng
RT: 8.53 min Scan# 959
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt	Ion:105	Resp:	1972471
Ion	Ratio	Lower	Upper
105	100		
71	4.7	4.7	7.1
51	15.7	14.1	21.1
120	23.6	18.3	27.5

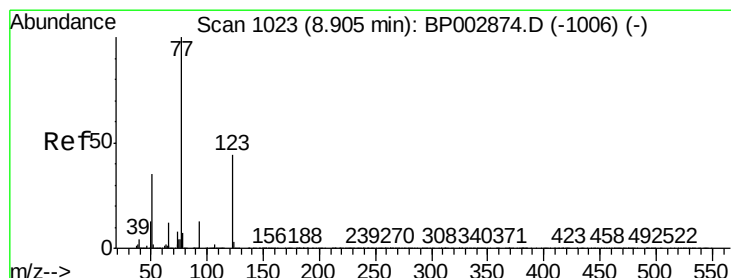
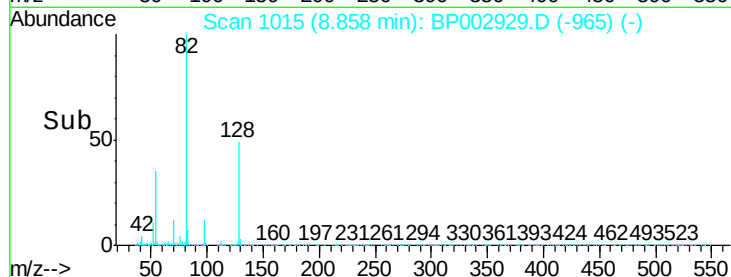
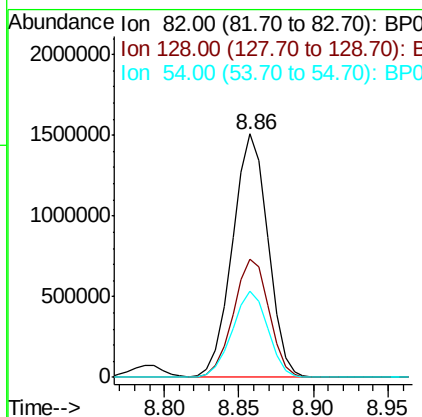
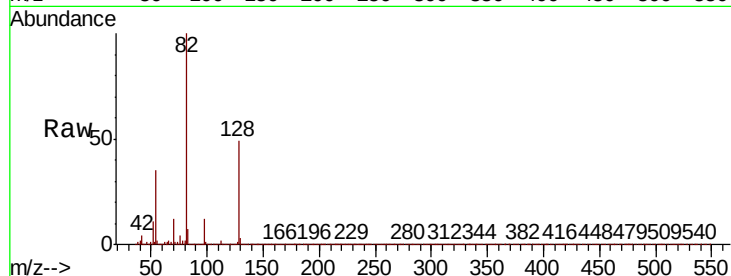




#23
 Nitrobenzene-d5
 Concen: 65.272 ng
 RT: 8.86 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

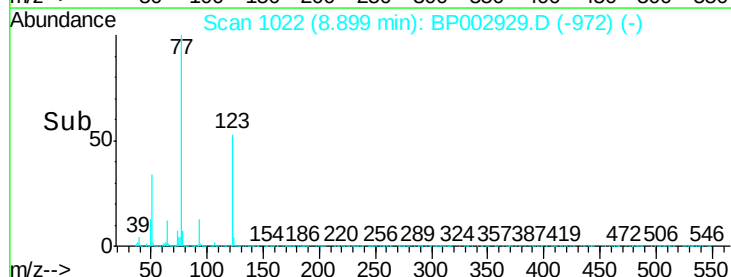
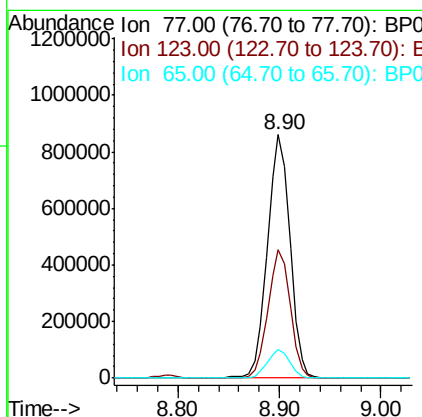
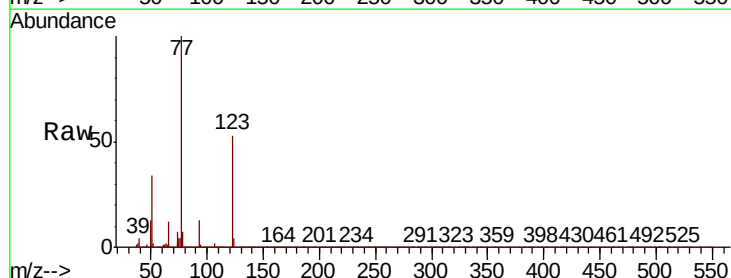
Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

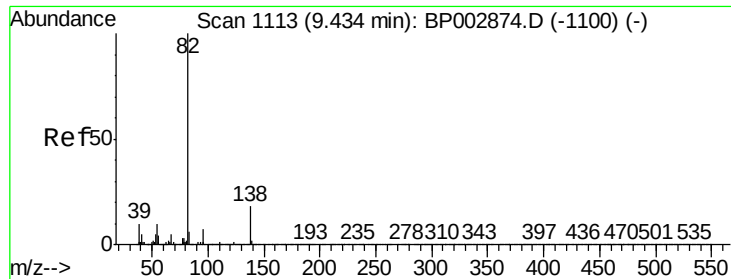
Tot Ion: 82 Resp: 2502450
 Ion Ratio Lower Upper
 82 100
 128 48.8 34.6 52.0
 54 35.3 29.5 44.3



#24
 Nitrobenzene
 Concen: 31.900 ng
 RT: 8.90 min Scan# 1022
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Tgt Ion: 77 Resp: 1327772
 Ion Ratio Lower Upper
 77 100
 123 52.8 36.2 54.2
 65 11.6 9.6 14.4

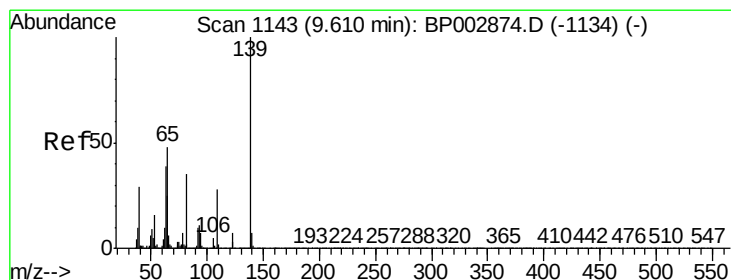
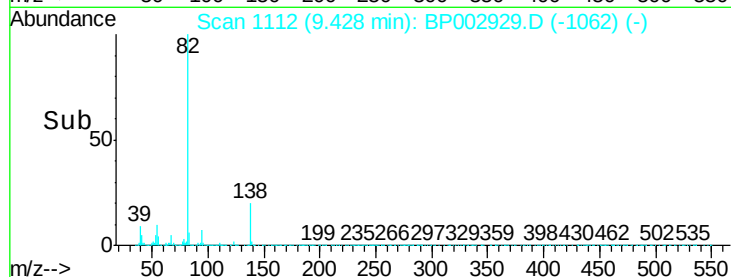
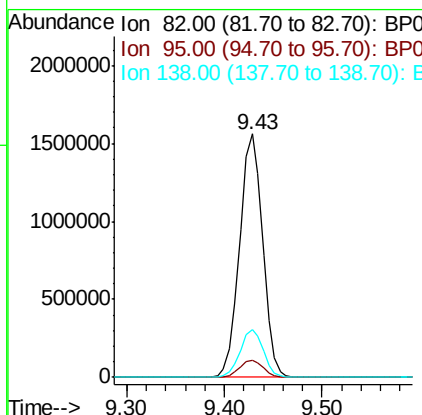
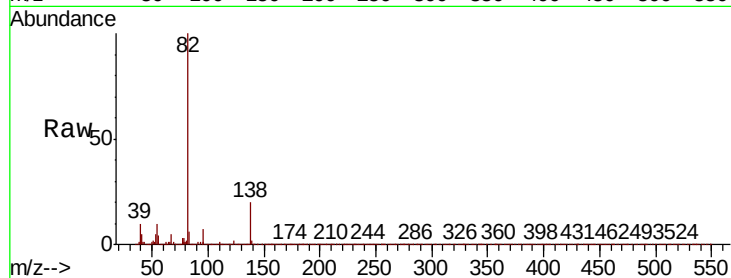




#25
Isophorone
Concen: 31.201 ng
RT: 9.43 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

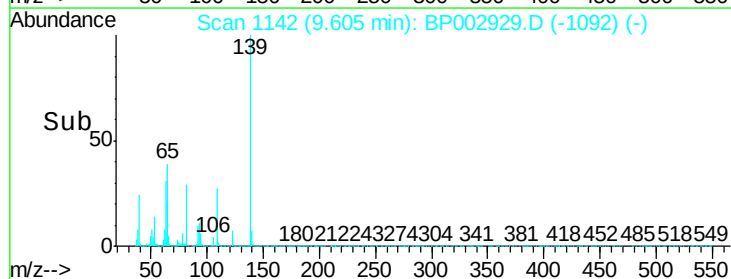
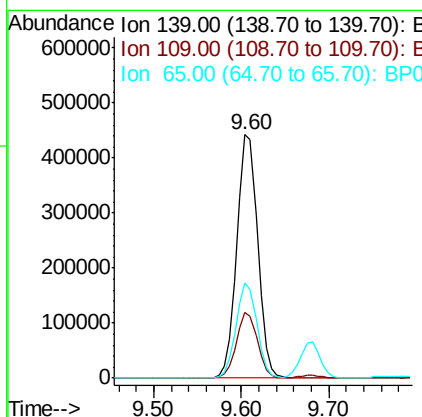
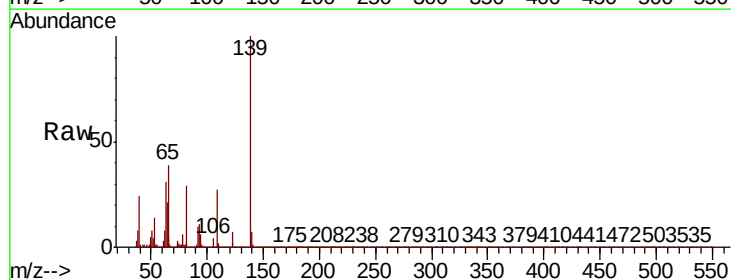
Instrument :
BNA_P
ClientSampleId :
PB130746BS

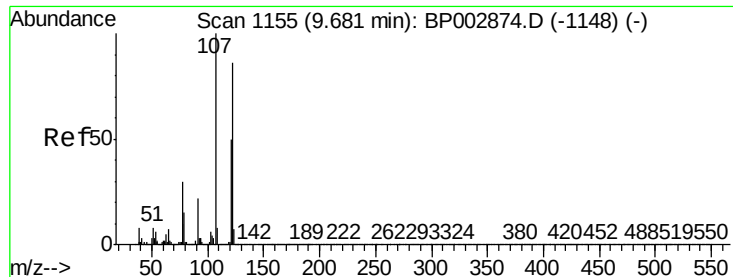
Tot Ion: 82 Resp: 2569865
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 19.8 14.2 21.2



#26
2-Nitrophenol
Concen: 41.571 ng
RT: 9.60 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion: 139 Resp: 710627
Ion Ratio Lower Upper
139 100
109 26.9 22.2 33.2
65 39.3 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 39.769 ng

RT: 9.68 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

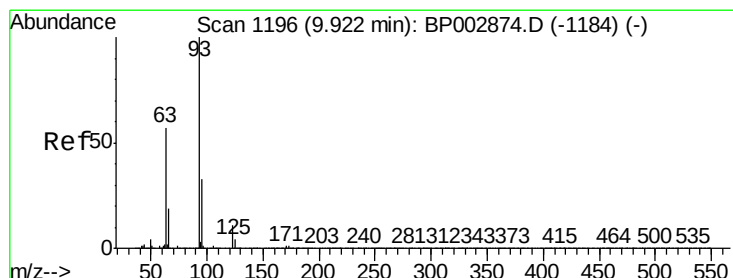
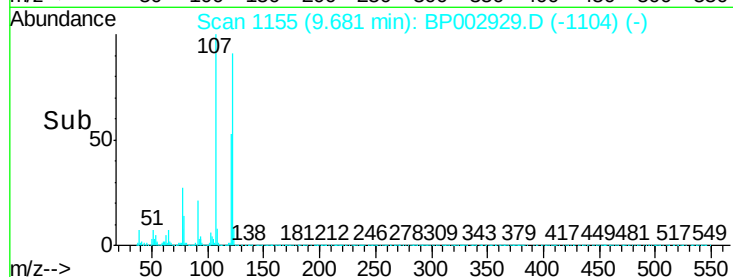
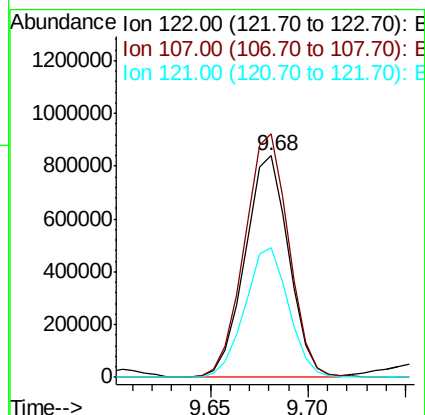
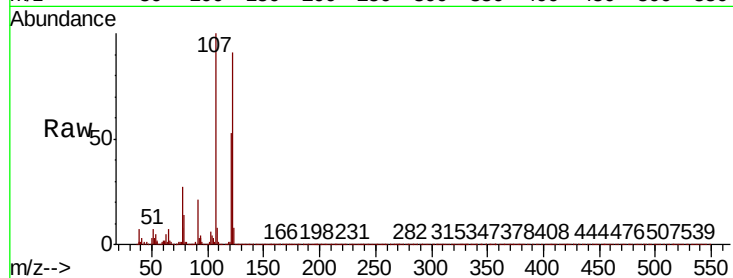
Tot Ion:122 Resp: 1304423

Ion Ratio Lower Upper

122 100

107 109.9 93.2 139.8

121 58.4 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 36.730 ng

RT: 9.91 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

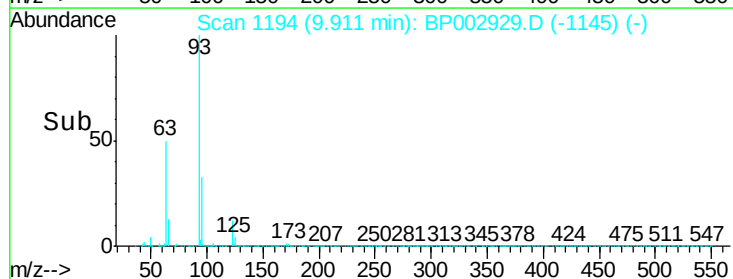
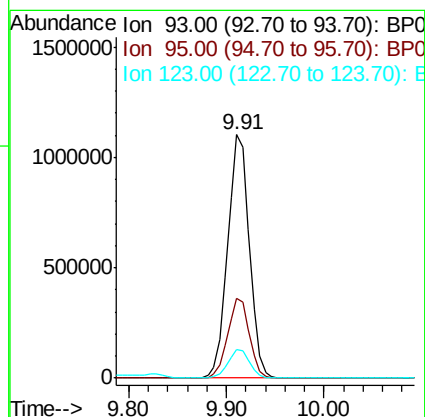
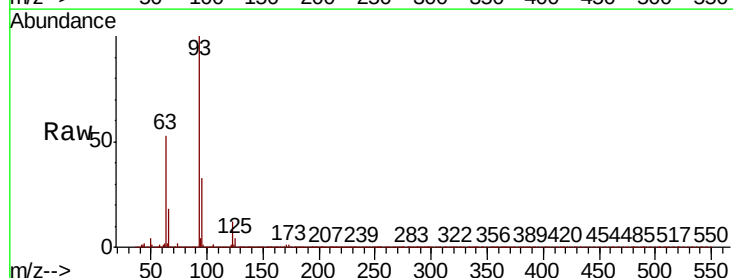
Tgt Ion: 93 Resp: 1687834

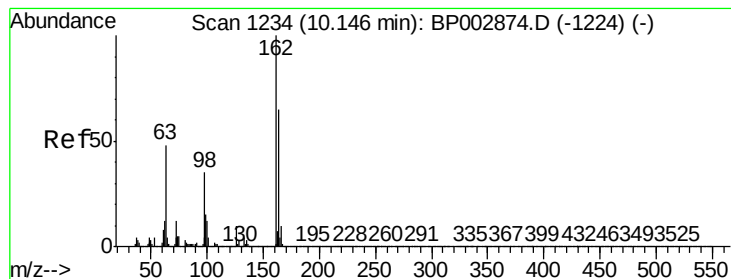
Ion Ratio Lower Upper

93 100

95 32.9 26.4 39.6

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.633 ng

RT: 10.15 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampled :

PB130746BS

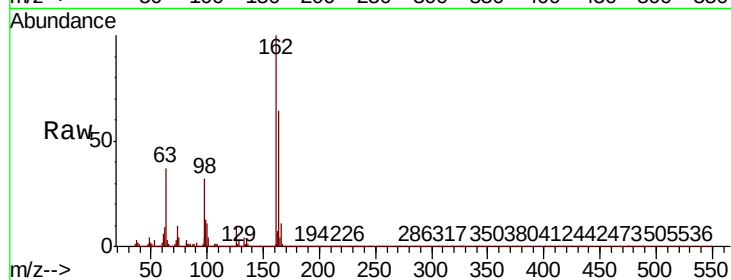
Tot Ion:162 Resp: 1368173

Ion Ratio Lower Upper

162 100

164 64.4 44.5 84.5

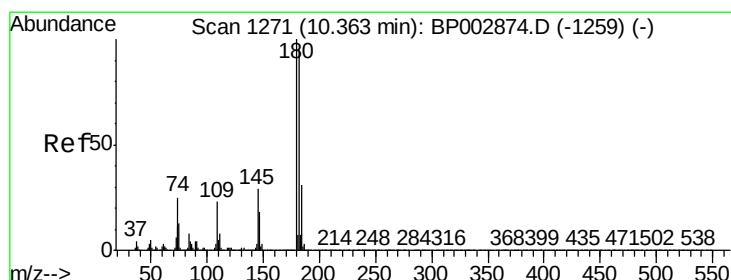
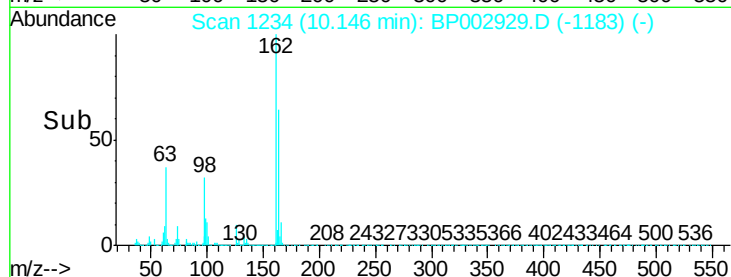
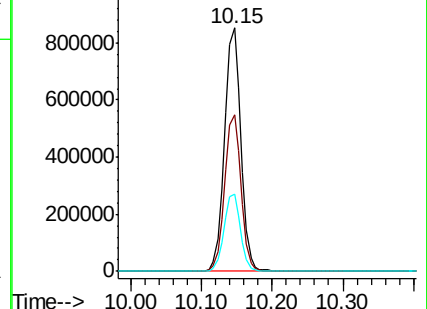
98 31.7 15.3 55.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30

1,2,4-Trichlorobenzene

Concen: 36.211 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

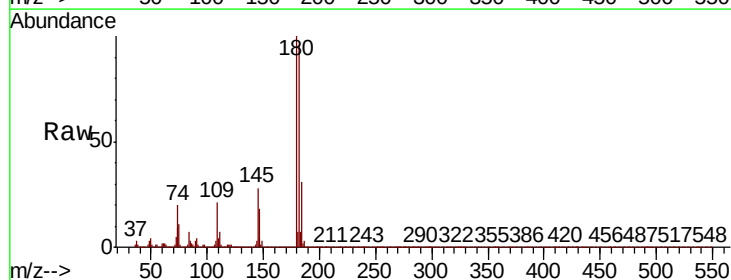
Tgt Ion:180 Resp: 1461305

Ion Ratio Lower Upper

180 100

182 96.5 76.0 114.0

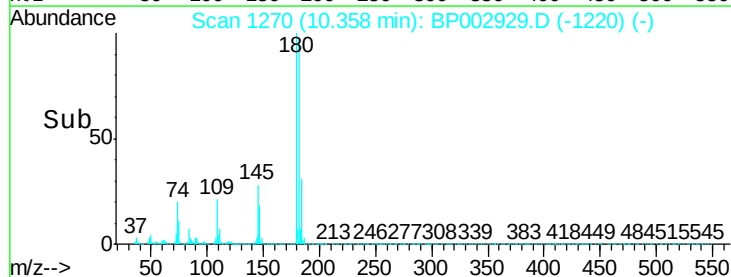
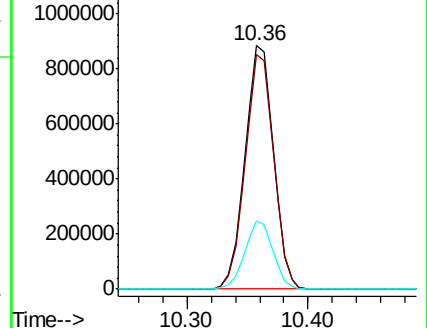
145 28.0 22.8 34.2

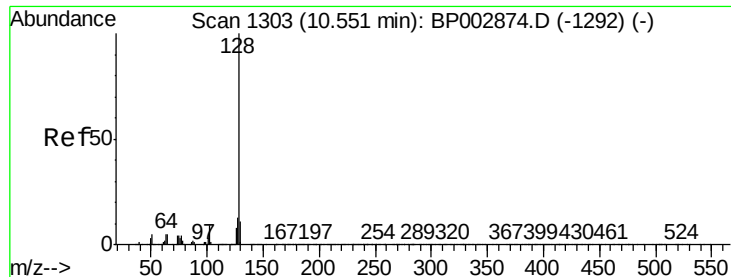


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

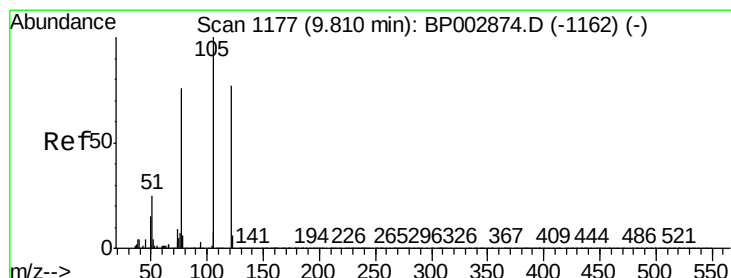
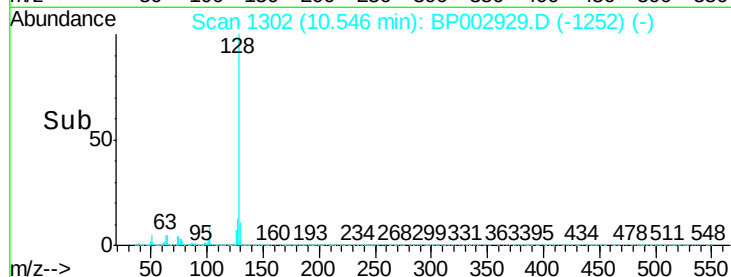
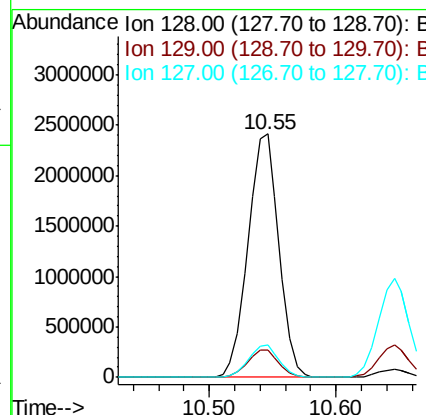
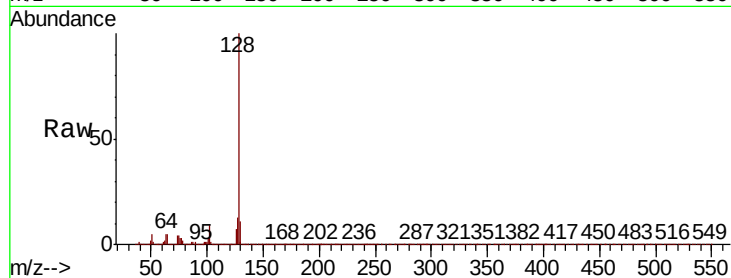




#31
Naphthalene
Concen: 34.221 ng
RT: 10.55 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

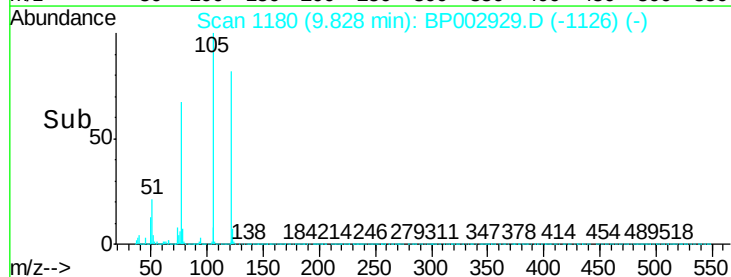
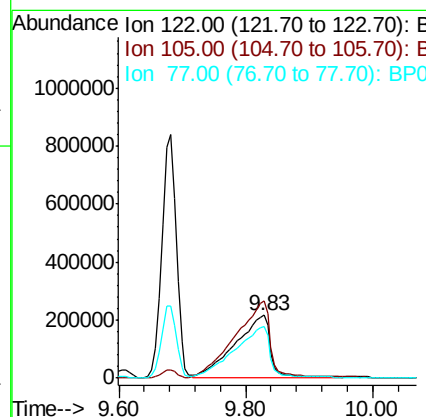
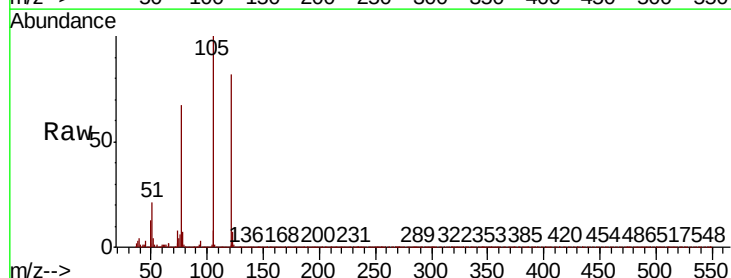
Instrument :
BNA_P
ClientSampleId :
PB130746BS

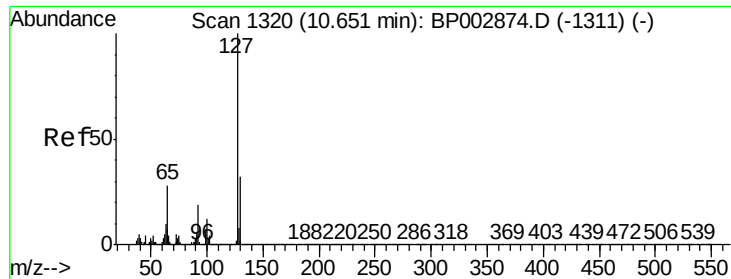
Tot Ion:128 Resp: 4067890
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.6 16.0



#32
Benzoic acid
Concen: 43.817 ng
RT: 9.83 min Scan# 1180
Delta R.T. 0.02 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:122 Resp: 829872
Ion Ratio Lower Upper
122 100
105 121.7 103.4 143.4
77 81.7 74.6 114.6

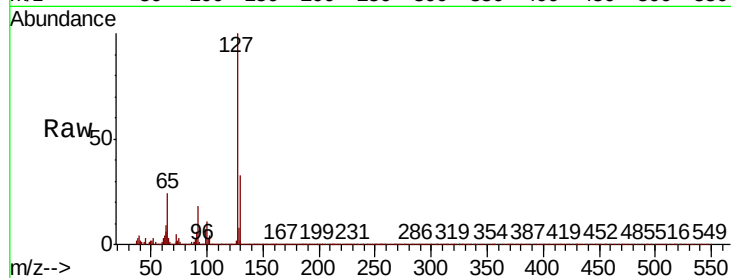




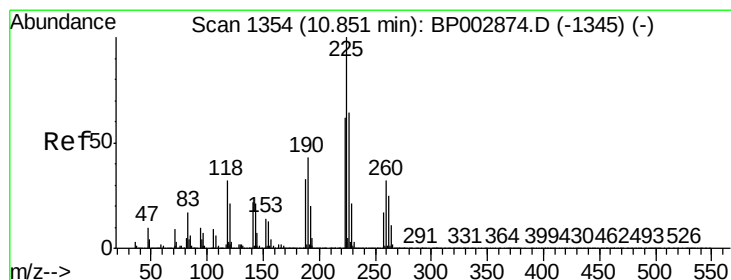
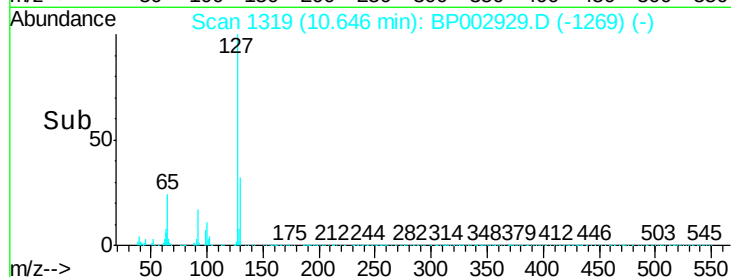
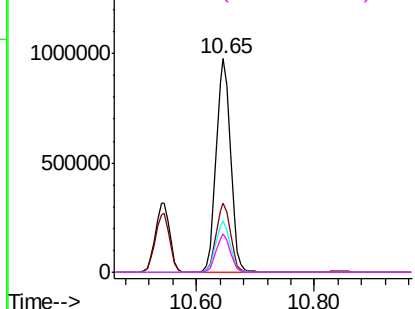
#33
4-Chloroaniline
Concen: 33.596 ng
RT: 10.65 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion:127	Resp: 1655027
Ion Ratio	Lower Upper
127 100	
129 32.5	25.6 38.4
65 24.2	22.2 33.2
92 17.7	15.1 22.7

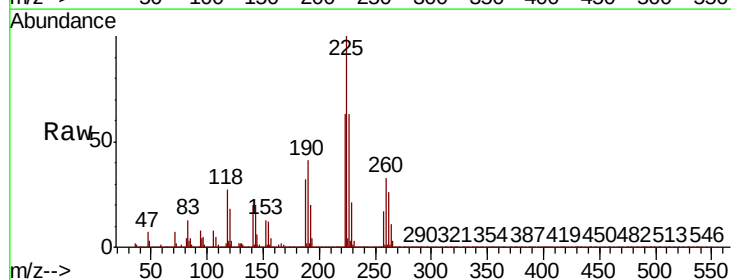


Abundance Ion 127.00 (126.70 to 127.70): E
1500000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

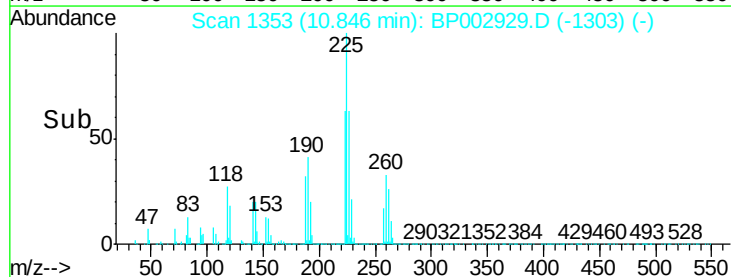
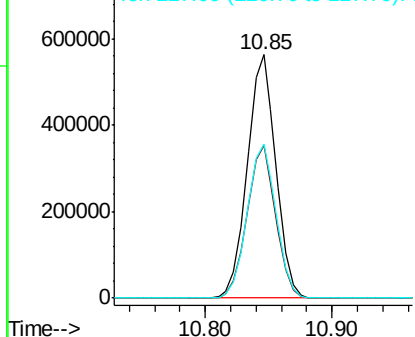


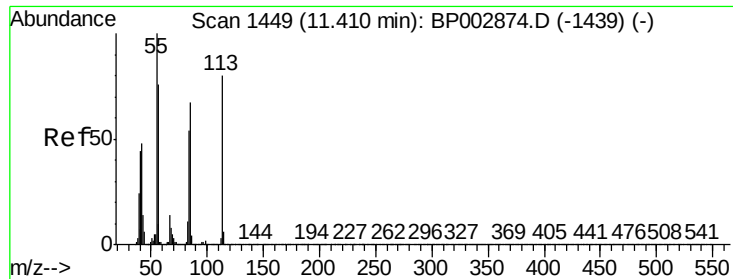
#34
Hexachlorobutadiene
Concen: 35.619 ng
RT: 10.85 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt	Ion:225	Resp:	879627
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	63.5	50.8	76.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

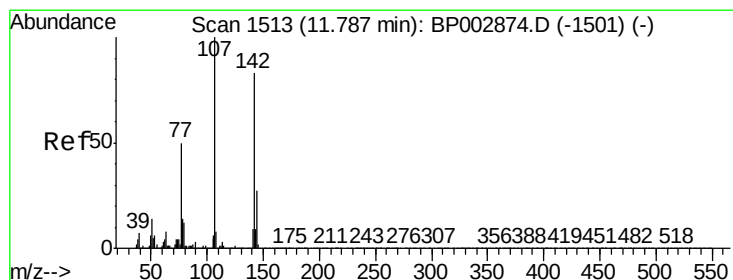
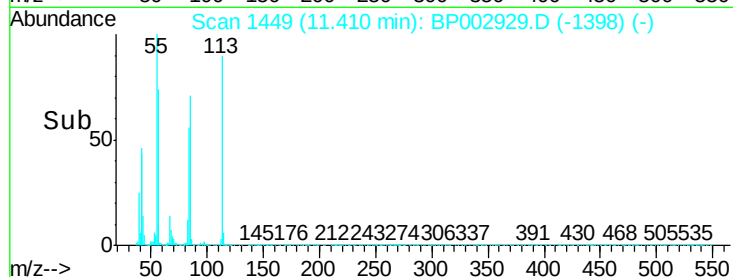
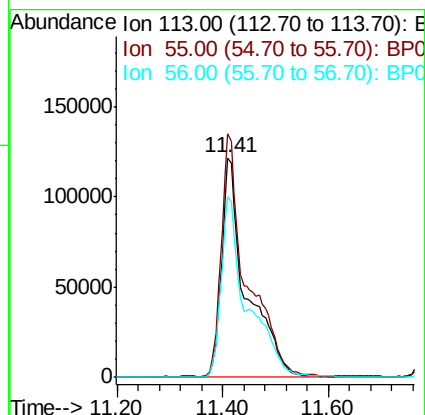
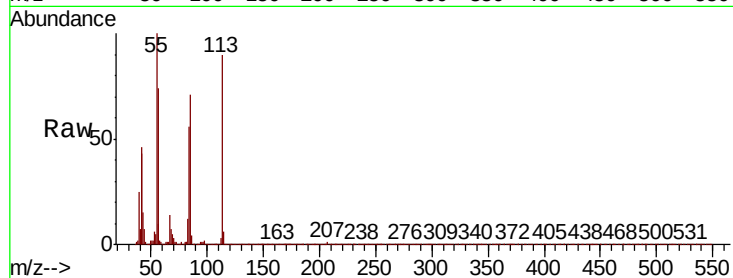




#35
 Caprolactam
 Concen: 37.444 ng
 RT: 11.41 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

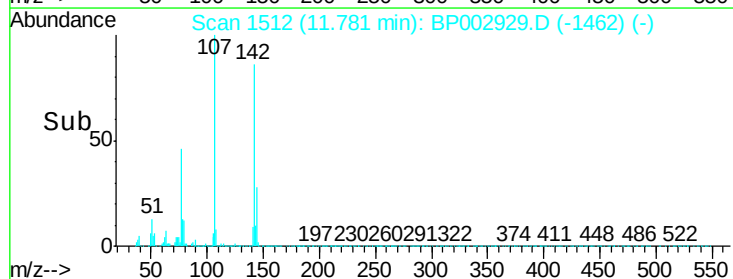
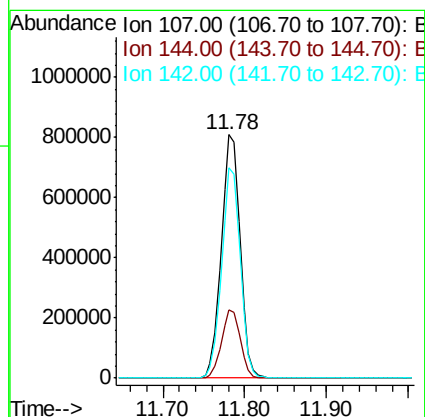
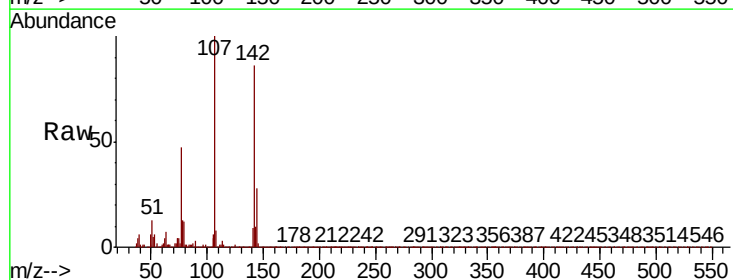
Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

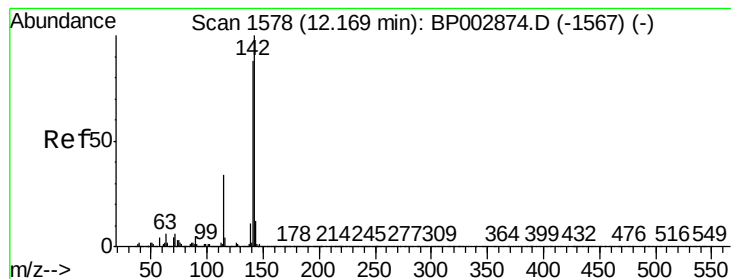
Tot Ion:113 Resp: 399953
 Ion Ratio Lower Upper
 113 100
 55 110.9 105.6 145.6
 56 82.1 74.8 114.8



#36
 4-Chloro-3-methylphenol
 Concen: 36.259 ng
 RT: 11.78 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Tgt Ion:107 Resp: 1301159
 Ion Ratio Lower Upper
 107 100
 144 28.2 21.8 32.6
 142 86.2 66.3 99.5





#37

2-Methylnaphthalene

Concen: 35.520 ng

RT: 12.16 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

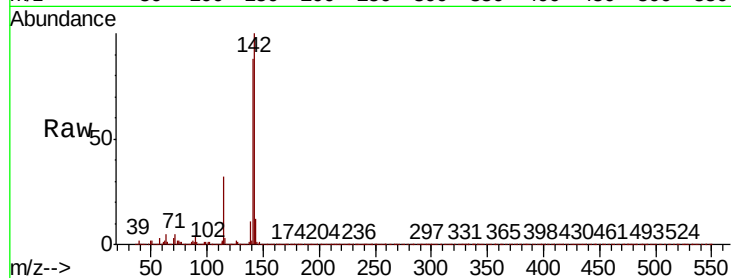
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:142 Resp: 3003412

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.1	105.1
115	32.0	26.8	40.2

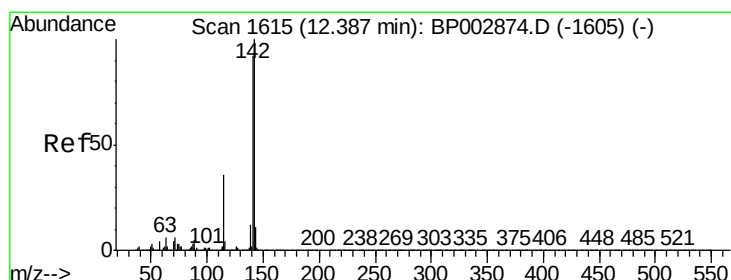
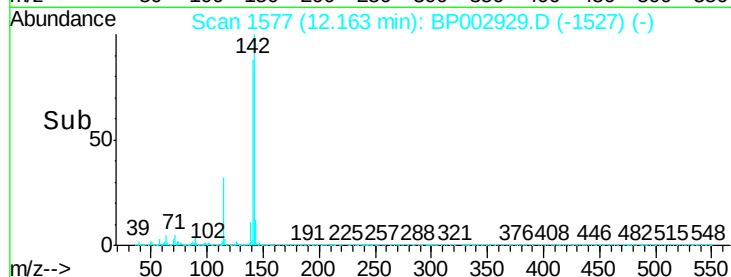
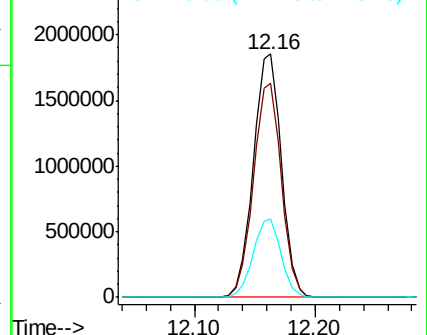


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 35.308 ng

RT: 12.38 min Scan# 1614

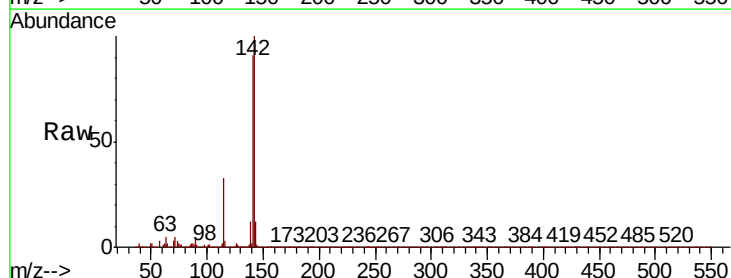
Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:142 Resp: 2810331

Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.6	110.4
116	3.5	3.1	4.7

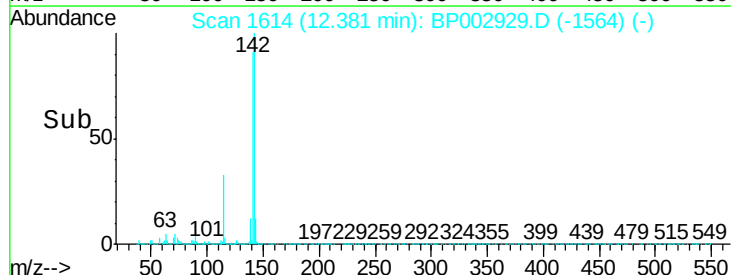
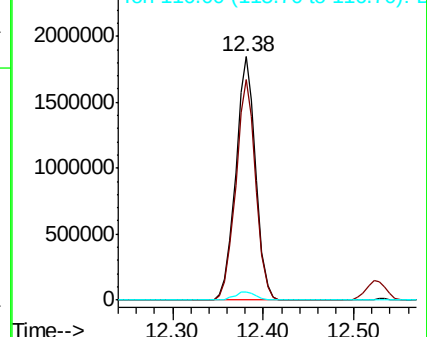


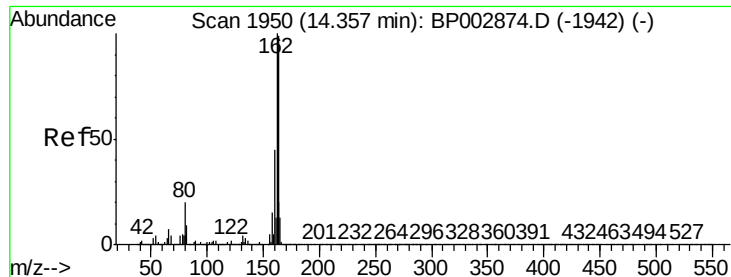
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampled :

PB130746BS

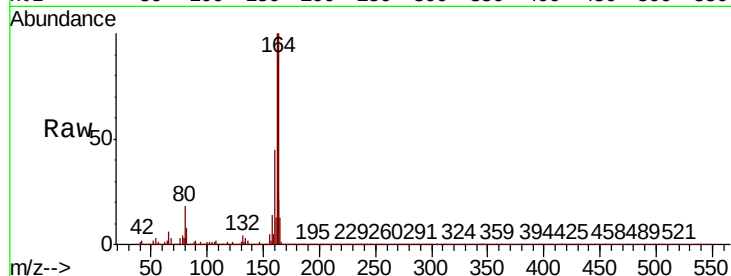
Tot Ion:164 Resp: 1235452

Ion Ratio Lower Upper

164 100

162 99.6 81.0 121.6

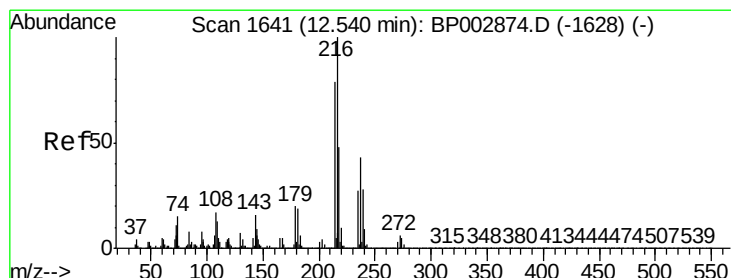
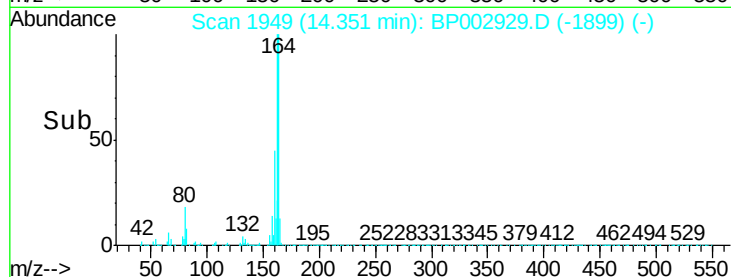
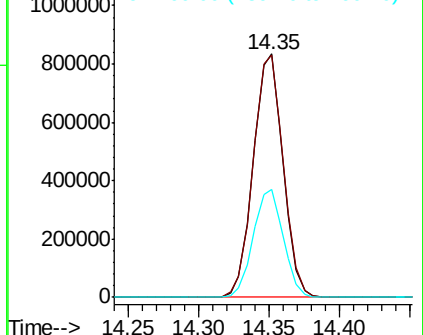
160 44.5 36.2 54.4



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: 36.680 ng

RT: 12.54 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:216 Resp: 1629303

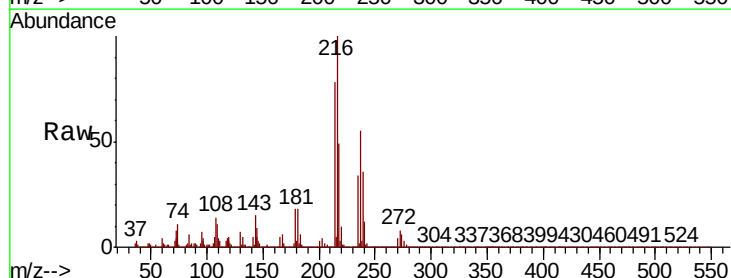
Ion Ratio Lower Upper

216 100

214 78.6 62.5 93.7

179 19.0 15.8 23.6

108 17.4 13.9 20.9

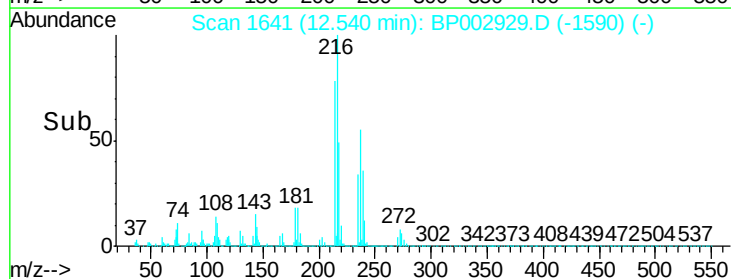
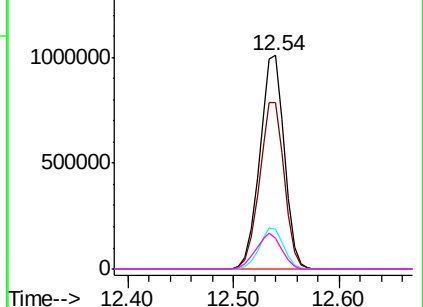


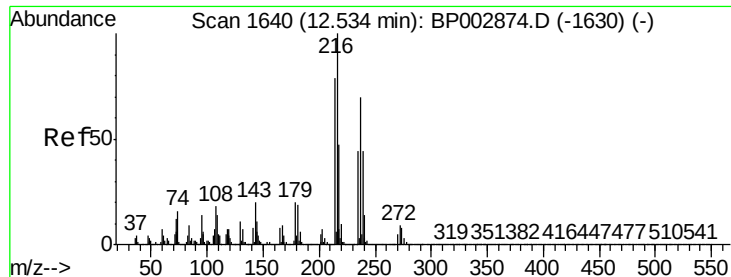
Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.018 ng

RT: 12.53 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

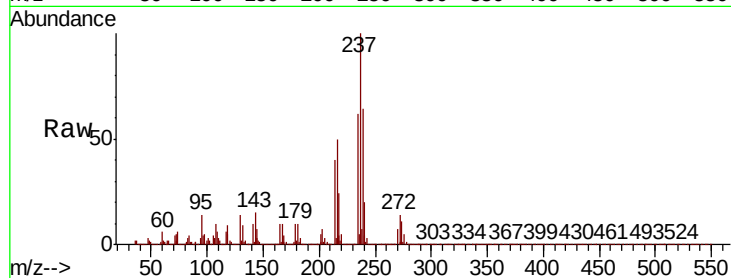
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:237 Resp: 2235601

Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.3	82.3
272	13.5	0.0	33.3

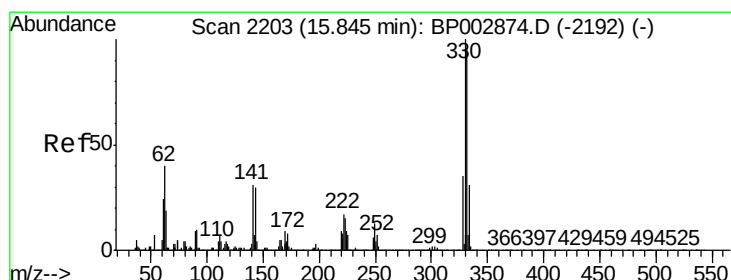
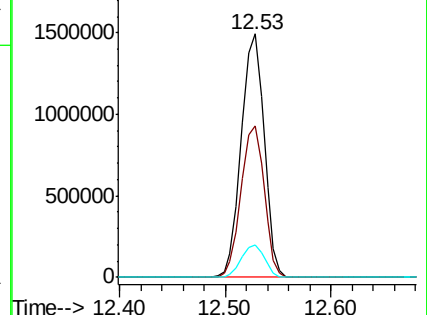
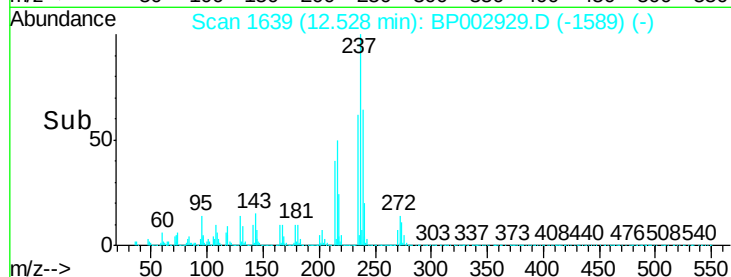


Abundance

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: 103.137 ng

RT: 15.85 min Scan# 2203

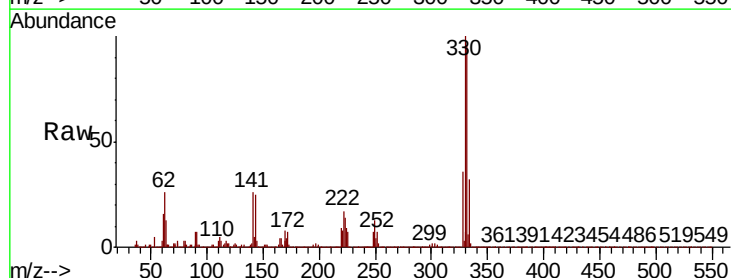
Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:330 Resp: 1583696

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	28.1	24.6	37.0

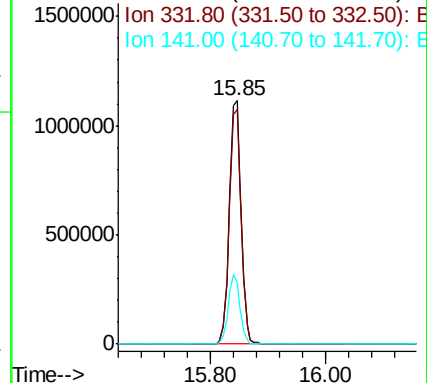
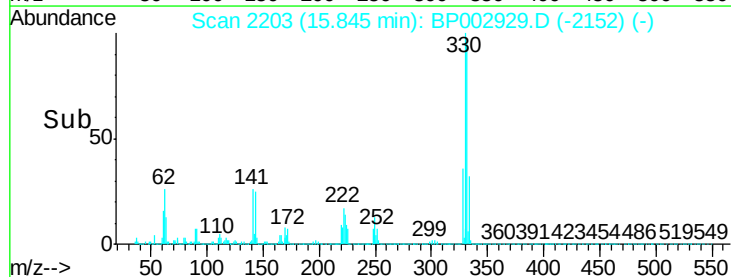


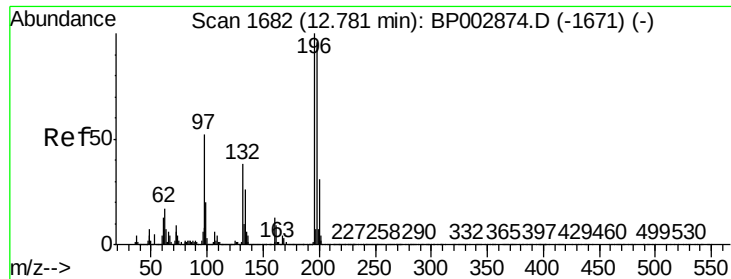
Abundance

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

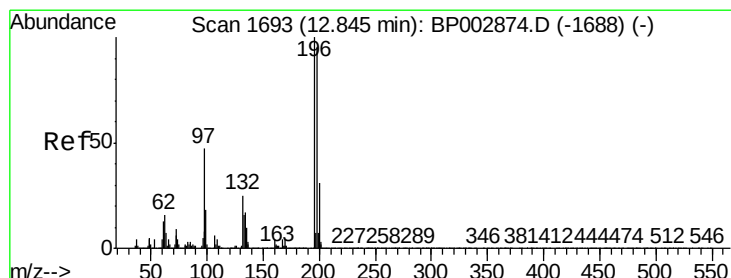
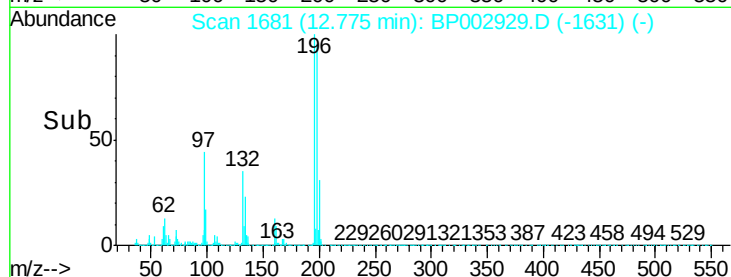
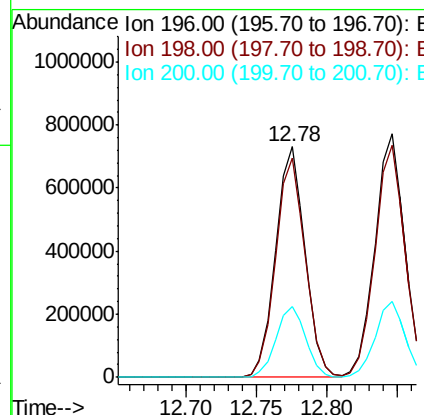
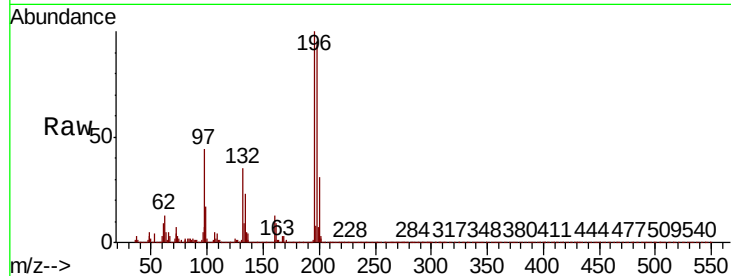




#43
 2,4,6-Trichlorophenol
 Concen: 41.421 ng
 RT: 12.78 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

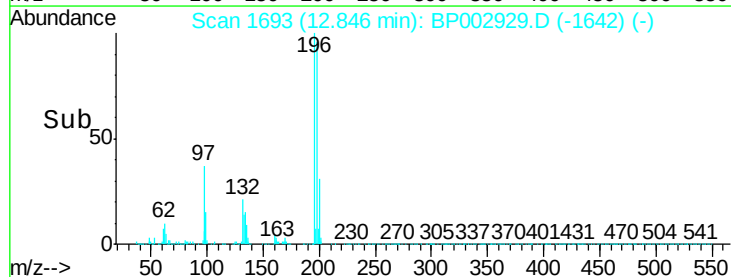
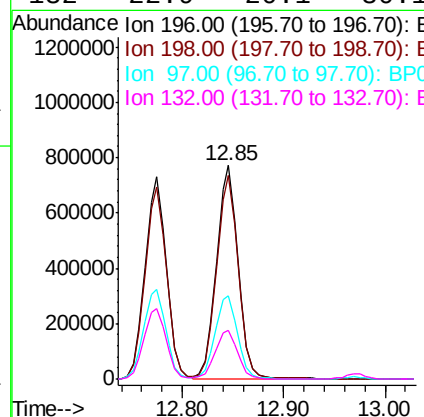
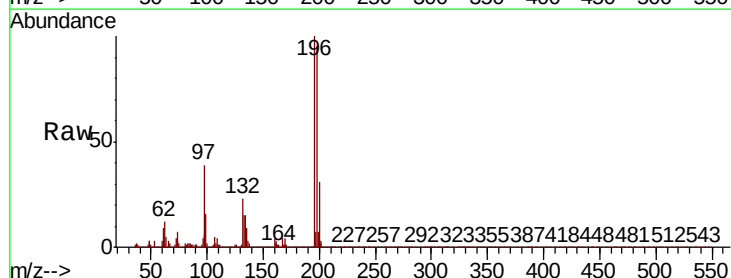
Instrument :
 BNA_P
 ClientSampleID :
 PB130746BS

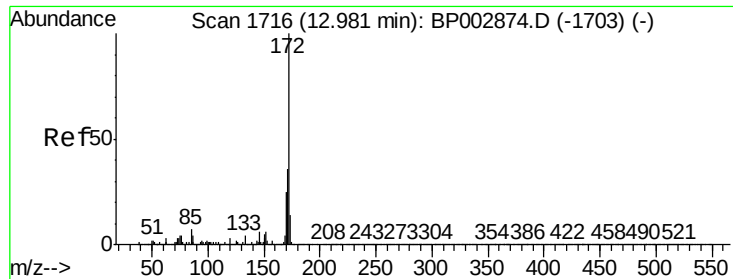
Tot Ion:196 Resp: 1066352
 Ion Ratio Lower Upper
 196 100
 198 94.9 77.0 115.6
 200 30.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 40.339 ng
 RT: 12.85 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Tgt Ion:196 Resp: 1139249
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.1 114.1
 97 39.1 37.6 56.4
 132 22.9 20.1 30.1

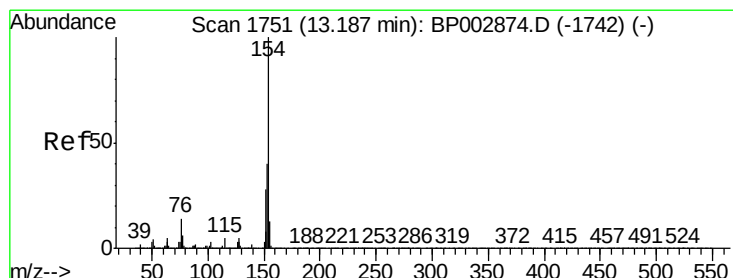
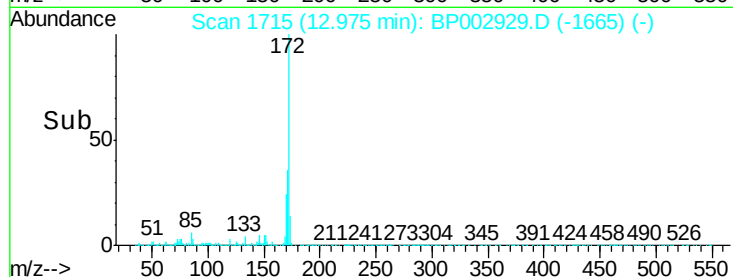
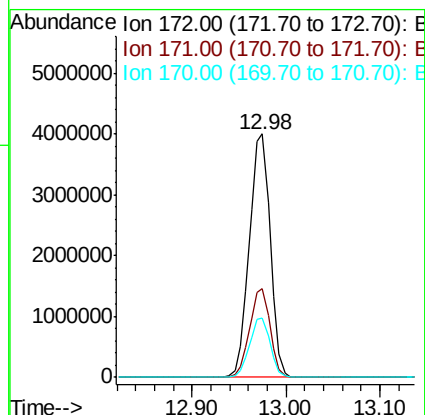
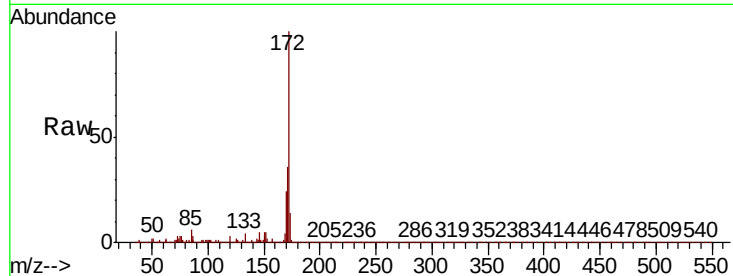




#45
2-Fluorobiphenyl
Concen: 67.869 ng
RT: 12.98 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

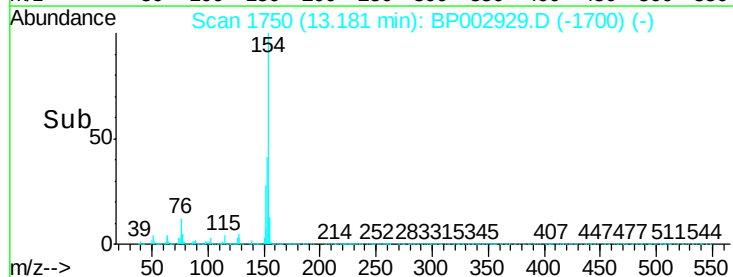
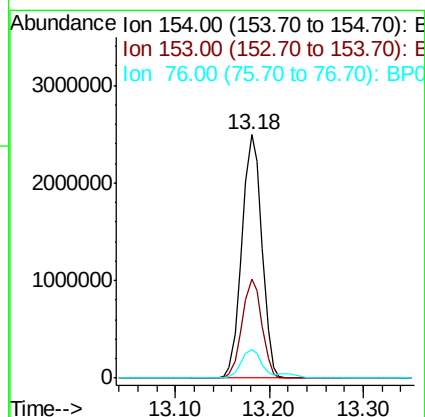
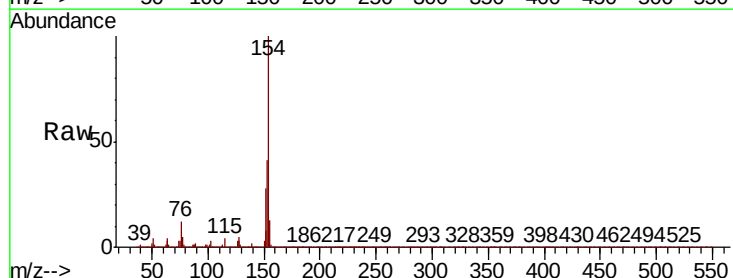
Instrument :
BNA_P
ClientSampleId :
PB130746BS

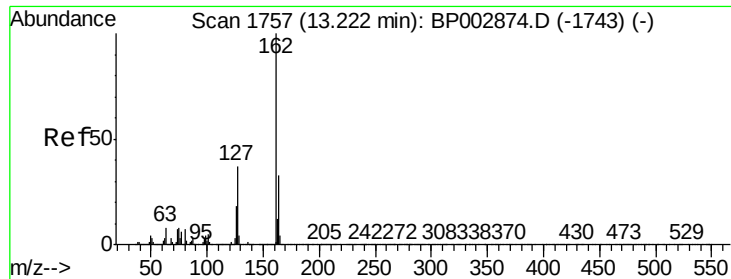
Tot Ion:172 Resp: 6136924
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.2 19.6 29.4



#46
1,1'-Biphenyl
Concen: 36.110 ng
RT: 13.18 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:154 Resp: 3687985
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 12.0 0.0 33.8

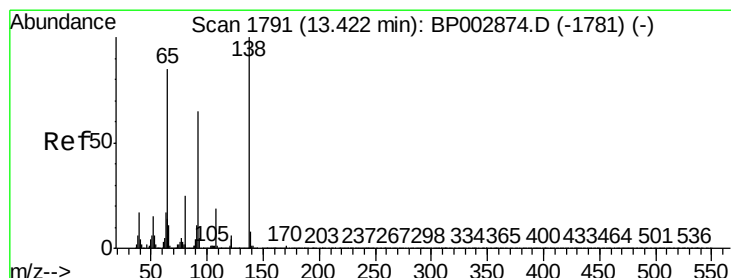
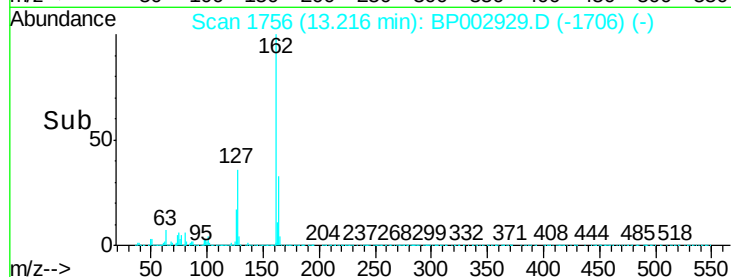
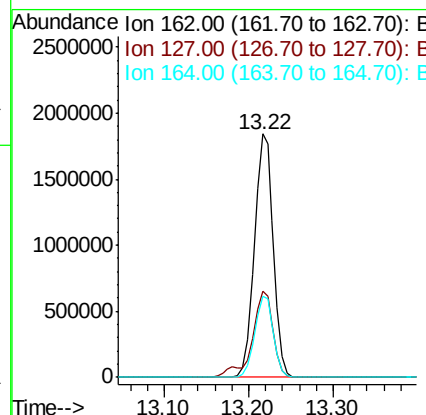
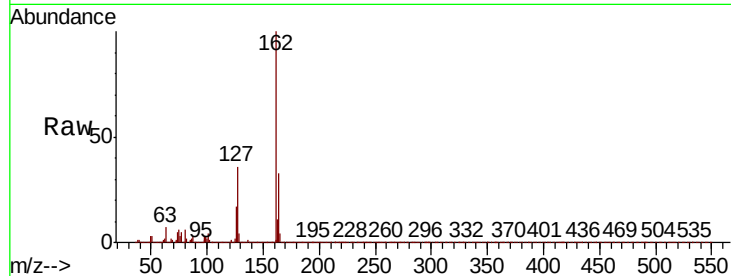




#47
2-Chloronaphthalene
Concen: 35.750 ng
RT: 13.22 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

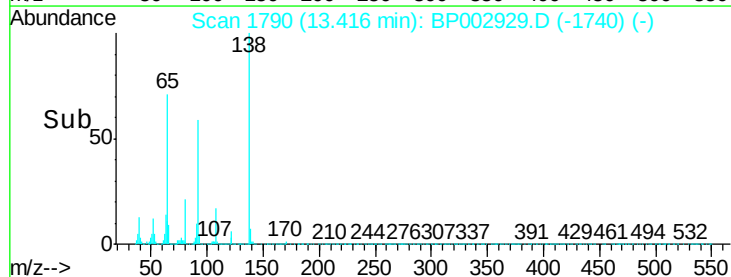
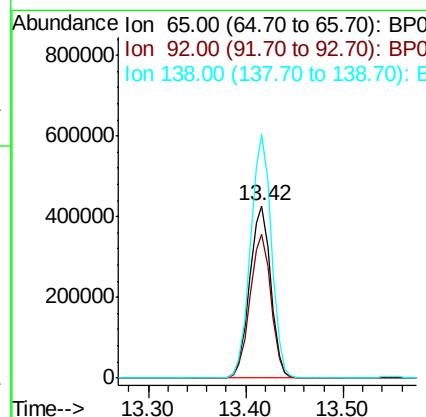
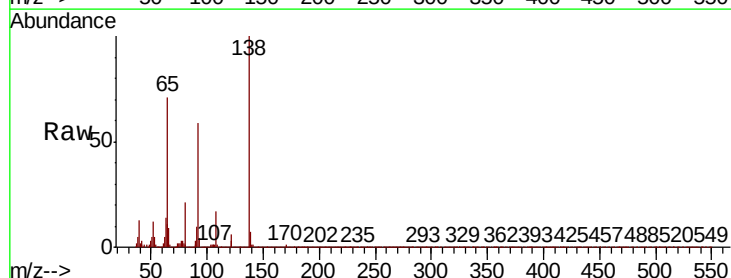
Instrument :
BNA_P
ClientSampleId :
PB130746BS

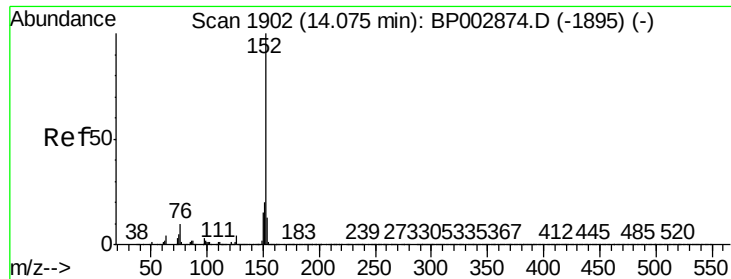
Tot Ion:162 Resp: 2859152
Ion Ratio Lower Upper
162 100
127 35.6 29.9 44.9
164 33.1 26.2 39.4



#48
2-Nitroaniline
Concen: 33.393 ng
RT: 13.42 min Scan# 1790
Delta R.T. -0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion: 65 Resp: 639865
Ion Ratio Lower Upper
65 100
92 83.8 61.4 92.0
138 141.6 94.2 141.4#





#49

Acenaphthylene

Concen: 35.554 ng

RT: 14.07 min Scan# 1901

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

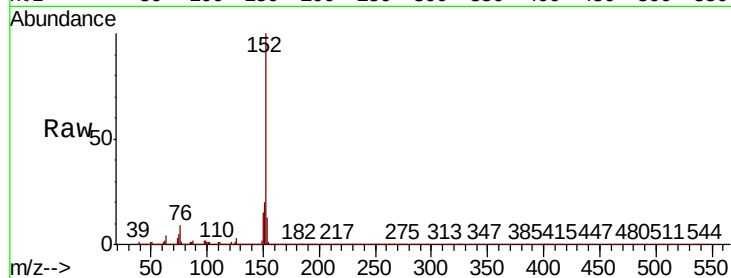
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:152 Resp: 4459364

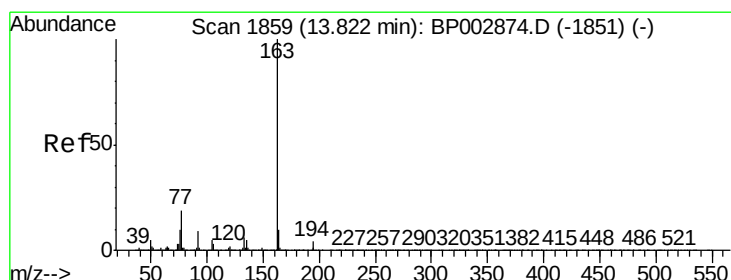
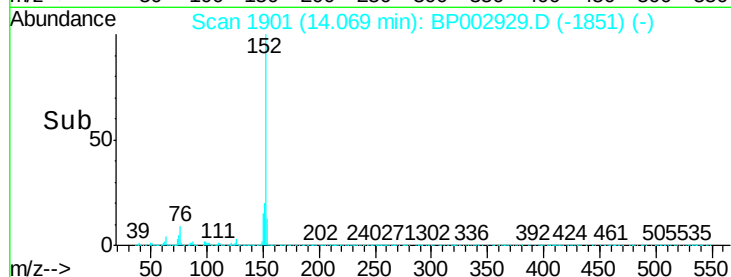
Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.4	10.6	16.0



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: 35.117 ng

RT: 13.82 min Scan# 1858

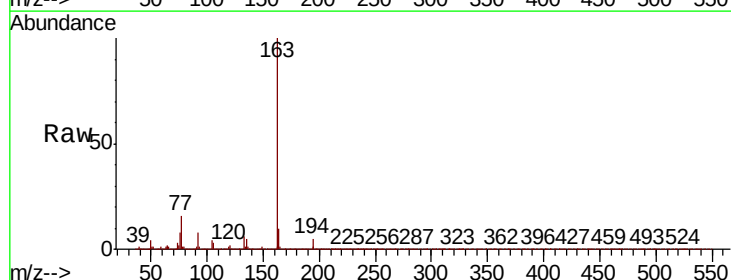
Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:163 Resp: 3393283

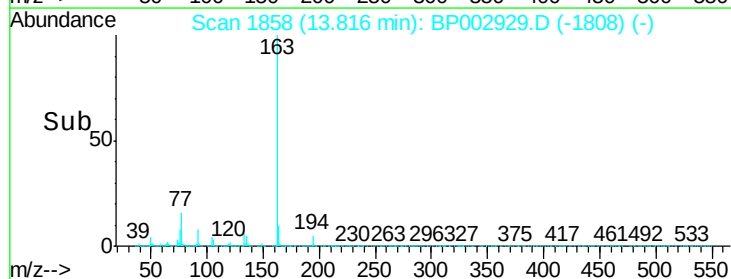
Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	10.1	8.2	12.2

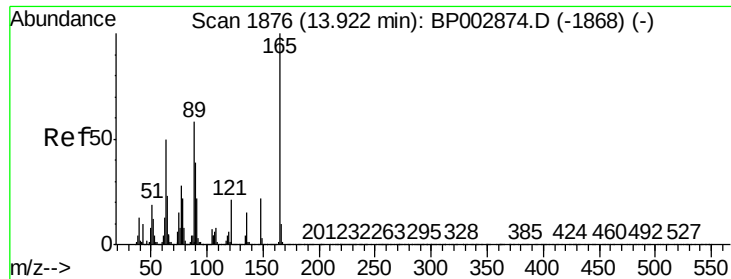


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

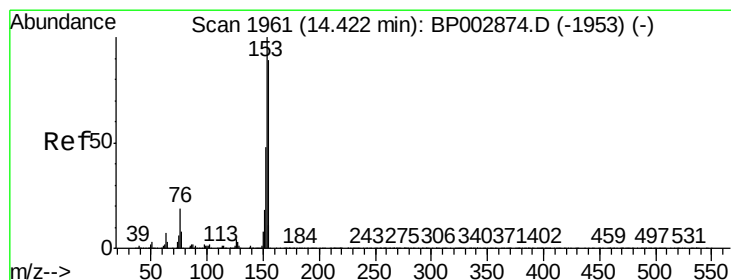
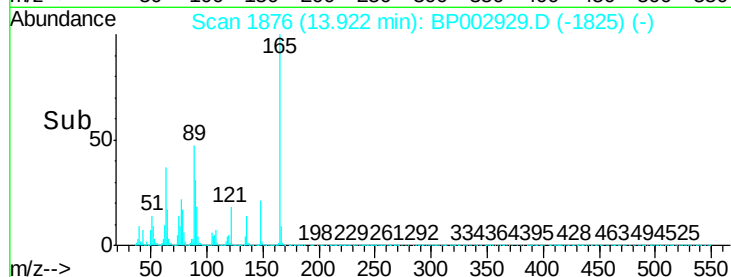
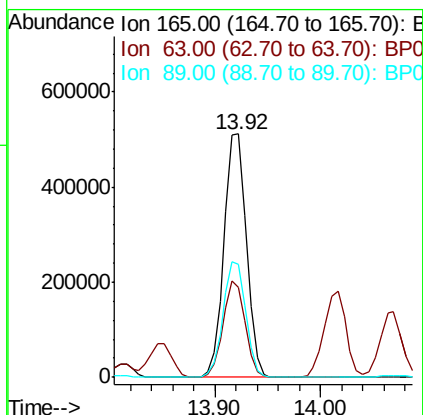
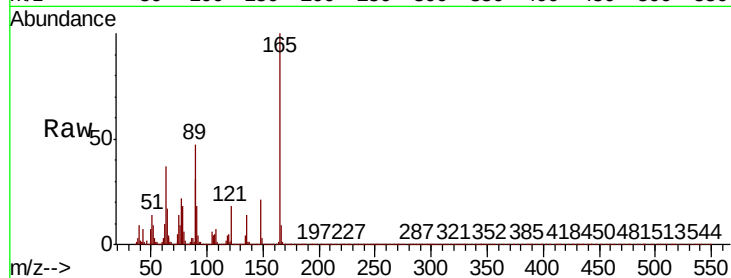




#51
2,6-Dinitrotoluene
Concen: 35.415 ng
RT: 13.92 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

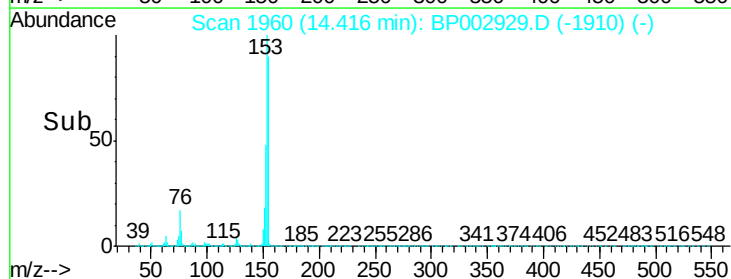
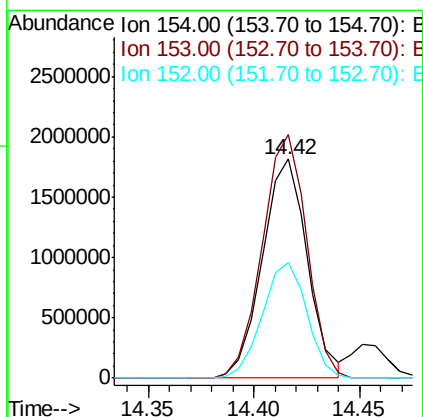
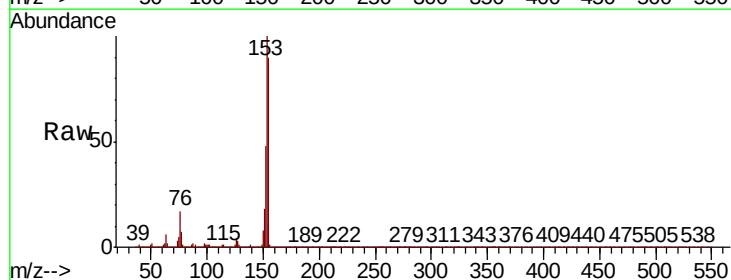
Instrument :
BNA_P
ClientSampleId :
PB130746BS

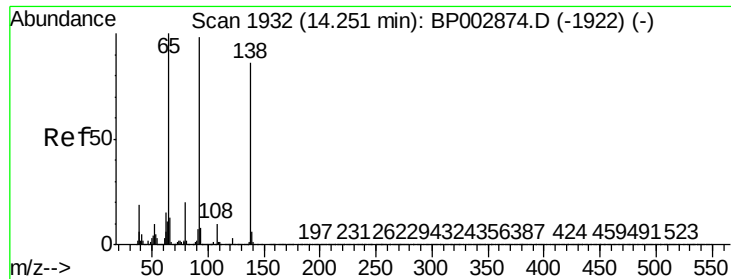
Tot Ion	Ratio	Lower	Upper
165	100		
63	37.1	40.3	60.5#
89	46.5	46.5	69.7



#52
Acenaphthene
Concen: 33.411 ng
RT: 14.42 min Scan# 1960
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	89.7	134.5
152	52.9	43.3	64.9

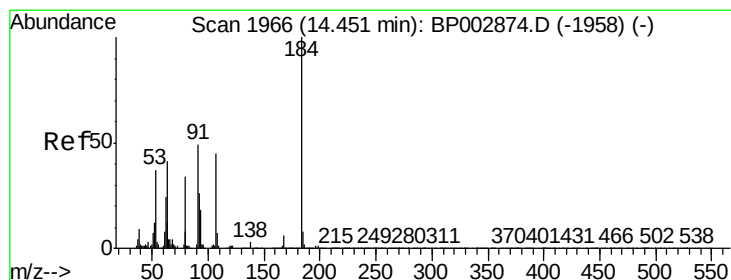
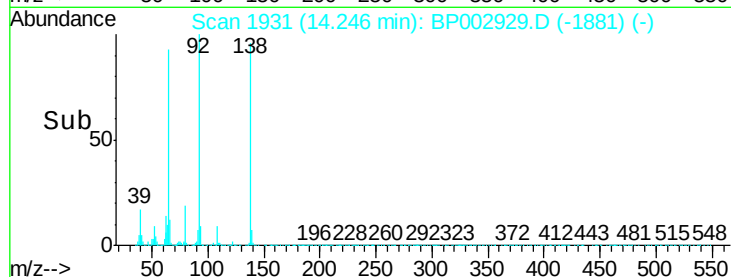
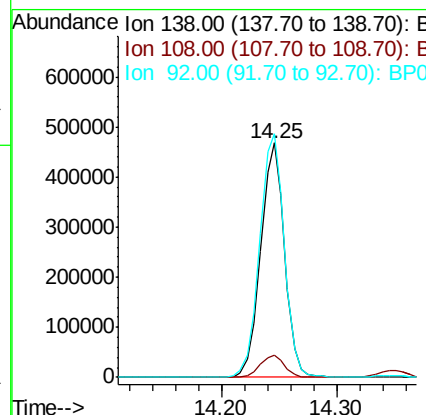
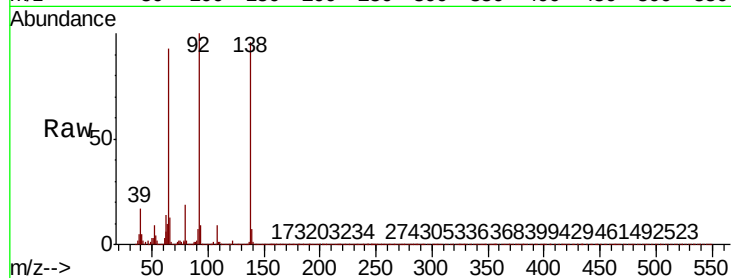




#53
3-Nitroaniline
Concen: 30.743 ng
RT: 14.25 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

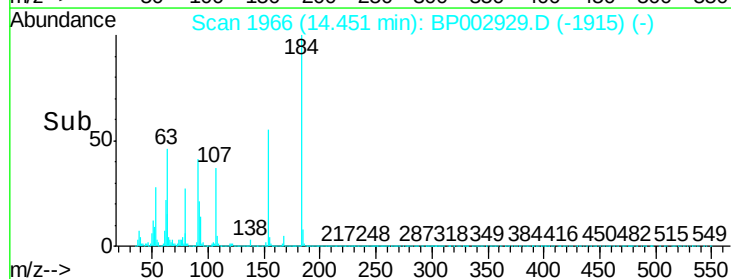
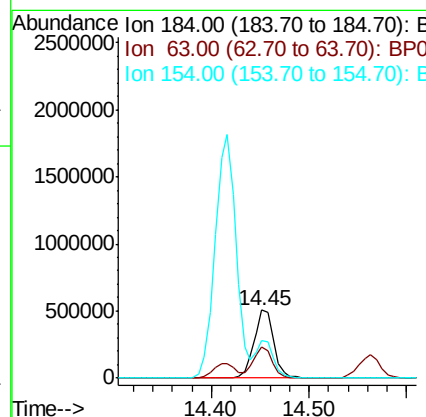
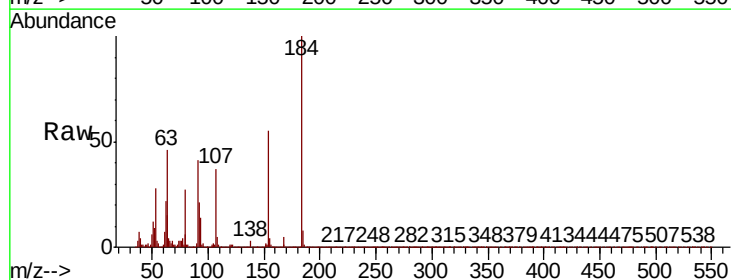
Instrument :
BNA_P
ClientSampleId :
PB130746BS

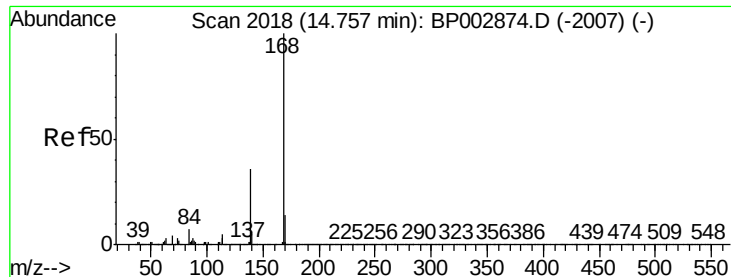
Tot Ion:138 Resp: 674245
Ion Ratio Lower Upper
138 100
108 9.5 9.4 14.0
92 103.9 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 79.257 ng
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:184 Resp: 726536
Ion Ratio Lower Upper
184 100
63 45.6 50.3 75.5#
154 55.0 50.6 76.0

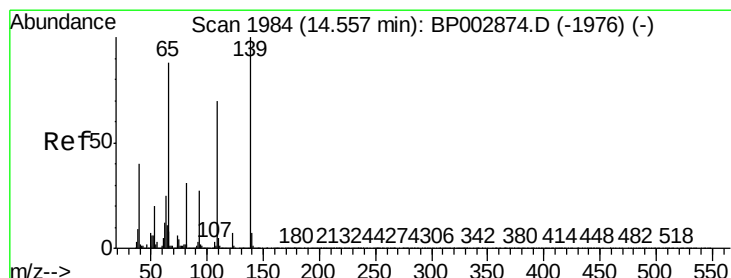
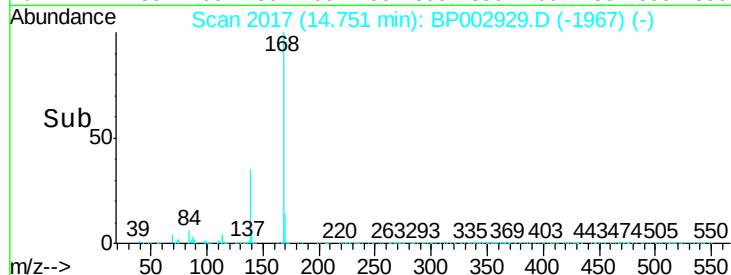
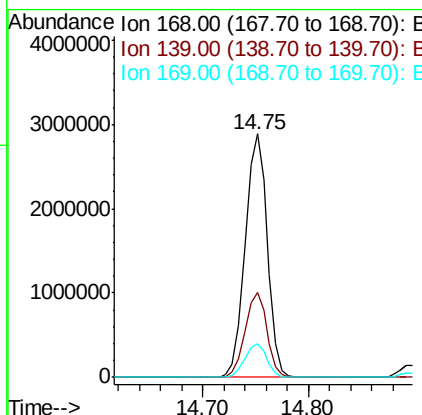
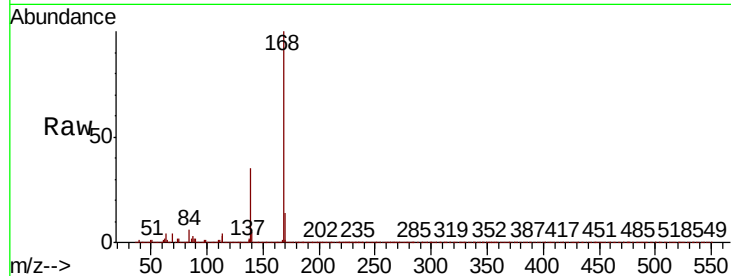




#55
Dibenzofuran
Concen: 33.706 ng
RT: 14.75 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

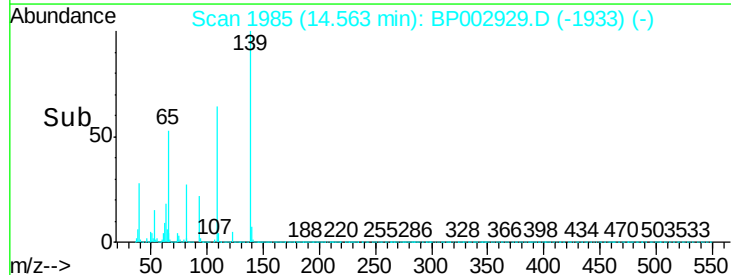
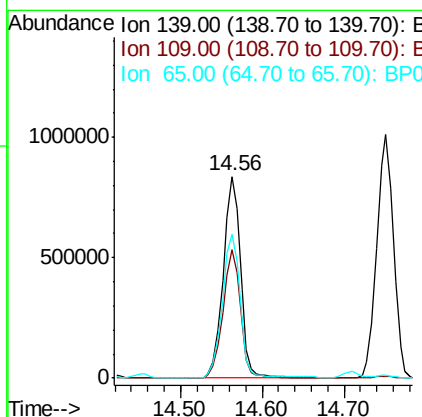
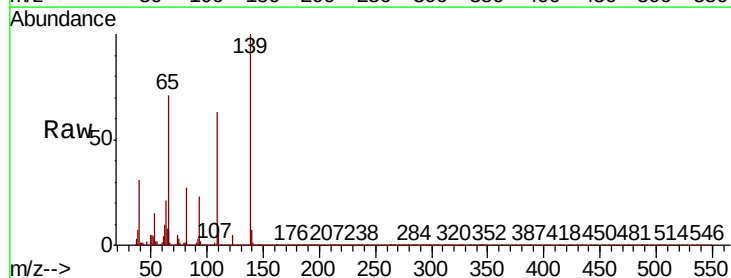
Instrument :
BNA_P
ClientSampleId :
PB130746BS

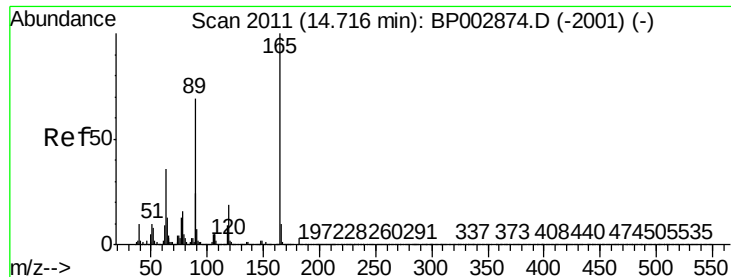
Tot Ion:168 Resp: 4167887
Ion Ratio Lower Upper
168 100
139 35.0 28.9 43.3
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 72.442 ng
RT: 14.56 min Scan# 1985
Delta R.T. 0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:139 Resp: 1241267
Ion Ratio Lower Upper
139 100
109 63.4 49.8 89.8
65 71.4 67.9 107.9

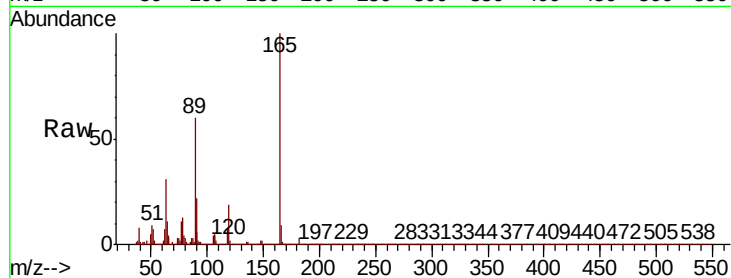




#57
2,4-Dinitrotoluene
Concen: 35.005 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Instrument :
BNA_P
ClientSampleId :
PB130746BS

Tot Ion:165	Resp:	972751
Ion	Ratio	Lower Upper
165	100	
63	30.6	29.0 43.4
89	60.4	55.5 83.3
182	2.9	2.2 3.4

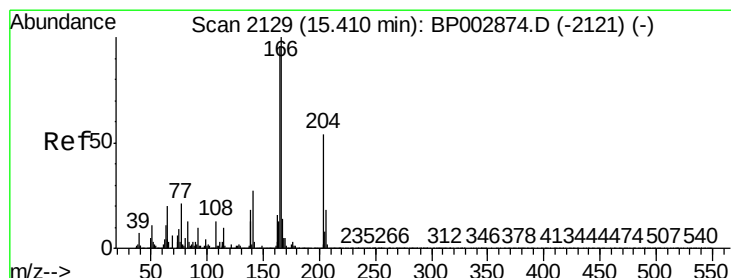
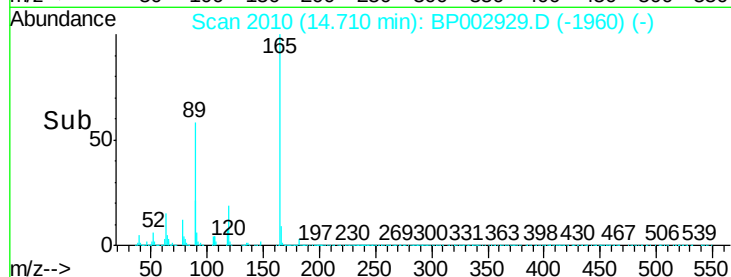
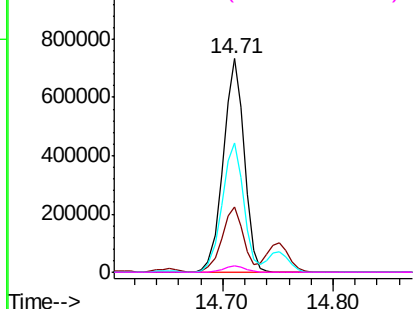


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

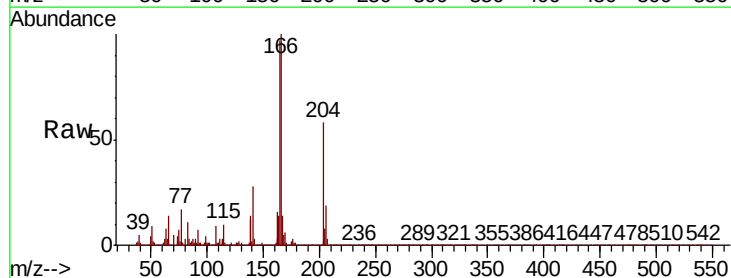
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 33.181 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

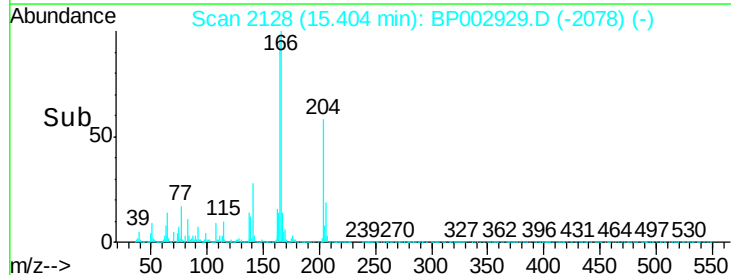
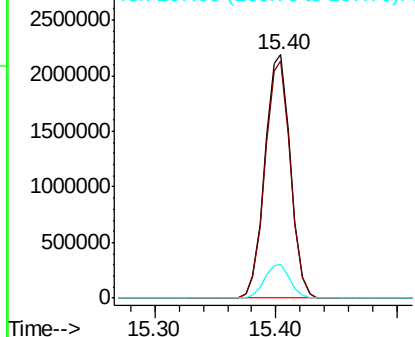
Tgt Ion:166	Resp:	3212449
Ion	Ratio	Lower Upper
166	100	
165	97.4	77.0 115.4
167	13.7	10.9 16.3

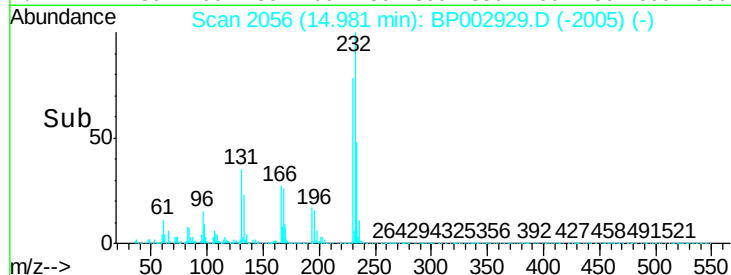
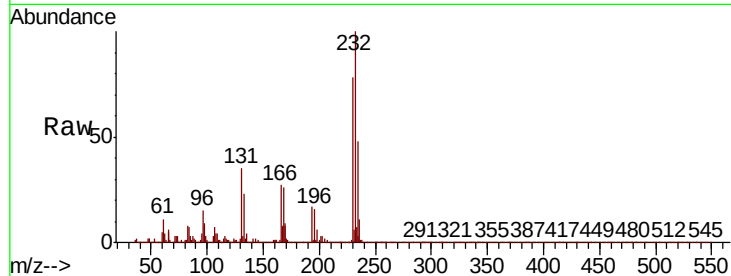
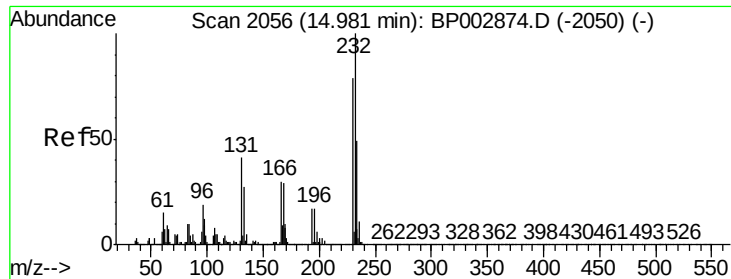


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

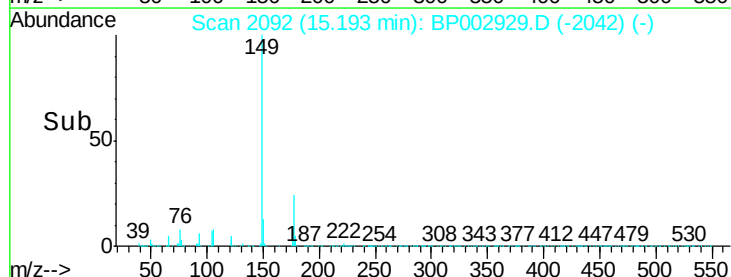
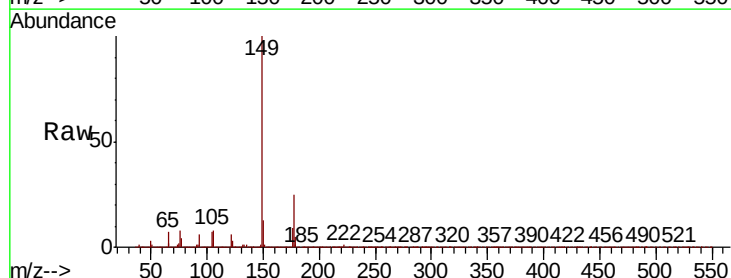
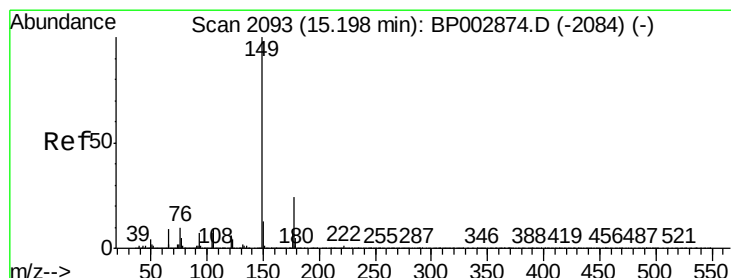
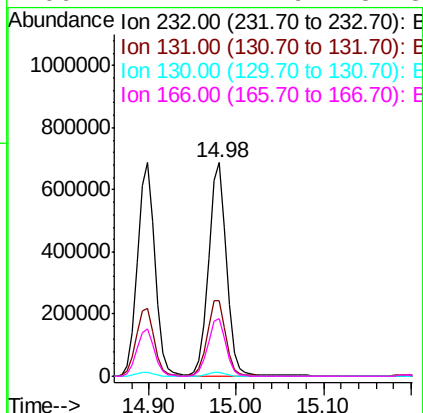




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.468 ng
RT: 14.98 min Scan# 2056
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

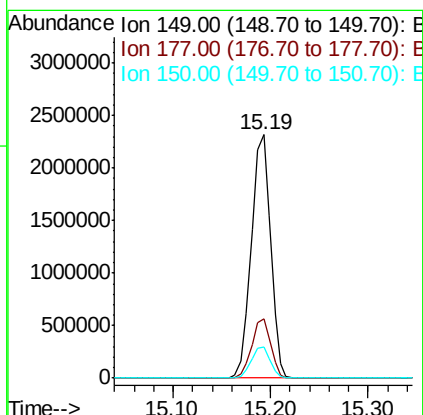
Instrument :
BNA_P
ClientSampleId :
PB130746BS

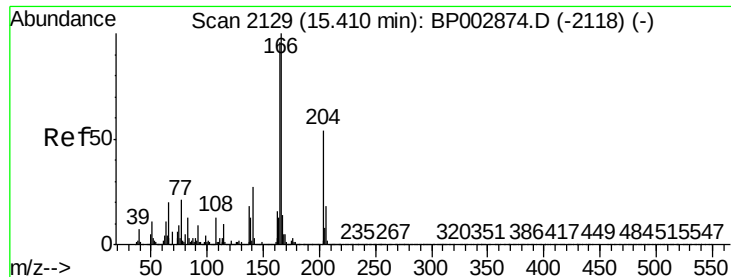
Tot Ion	Ratio	Lower	Upper
232	100		
131	36.8	32.1	48.1
130	1.9	1.7	2.5
166	27.1	22.9	34.3



#60
Diethylphthalate
Concen: 33.826 ng
RT: 15.19 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.5	18.9	28.3
150	12.8	10.2	15.2

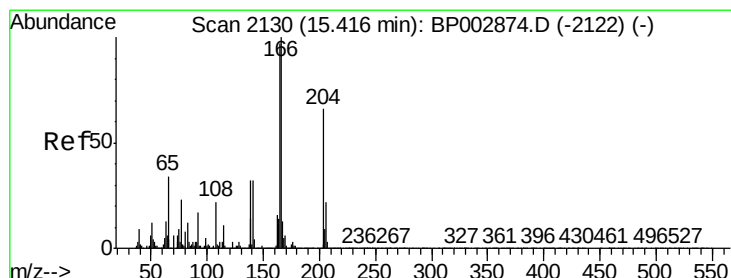
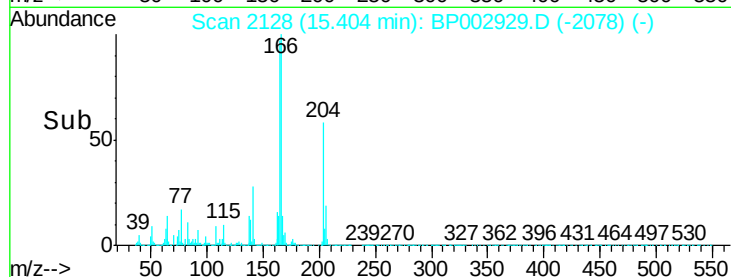
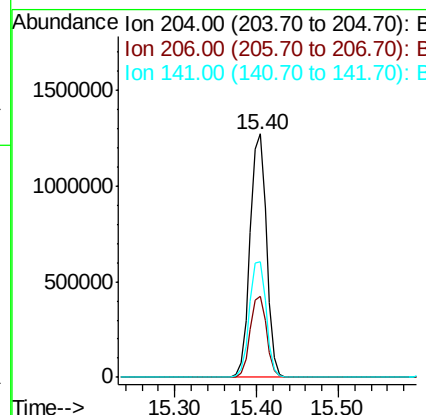
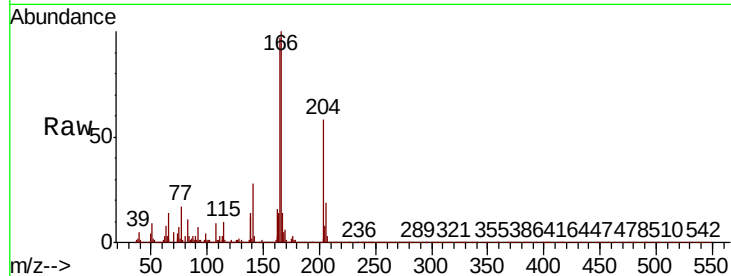




#61
4-Chlorophenyl-phenylether
Concen: 35.482 ng
RT: 15.40 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

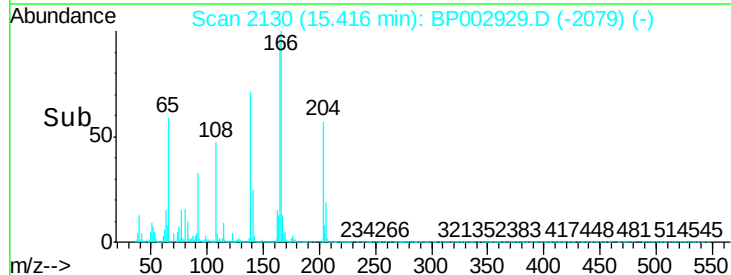
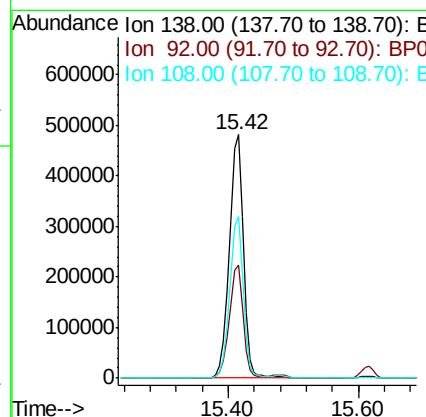
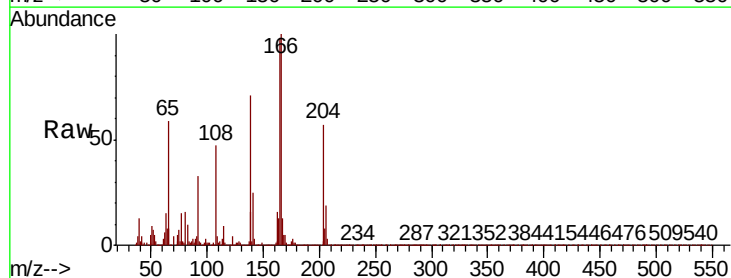
Instrument :
BNA_P
ClientSampleId :
PB130746BS

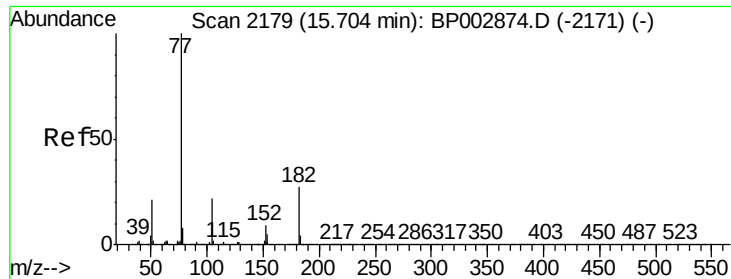
Tot Ion:204 Resp: 1767959
Ion Ratio Lower Upper
204 100
206 33.1 26.6 39.8
141 47.5 40.5 60.7



#62
4-Nitroaniline
Concen: 33.263 ng
RT: 15.42 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:138 Resp: 728336
Ion Ratio Lower Upper
138 100
92 46.3 32.2 72.2
108 66.6 50.0 90.0

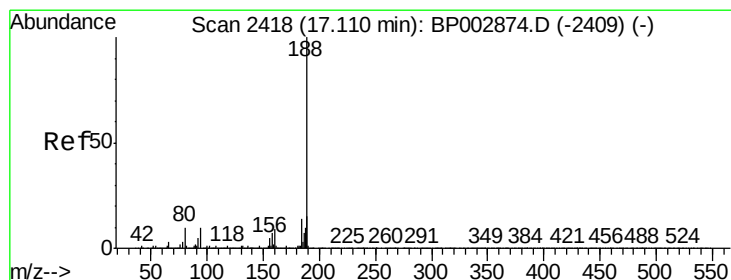
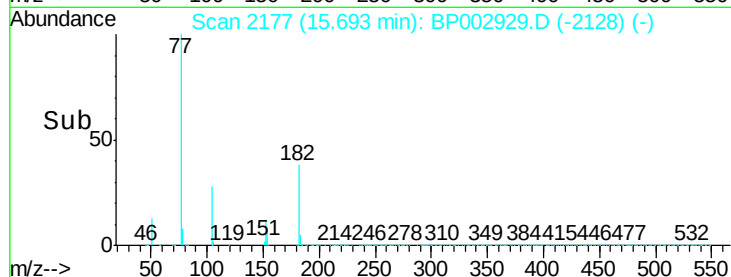
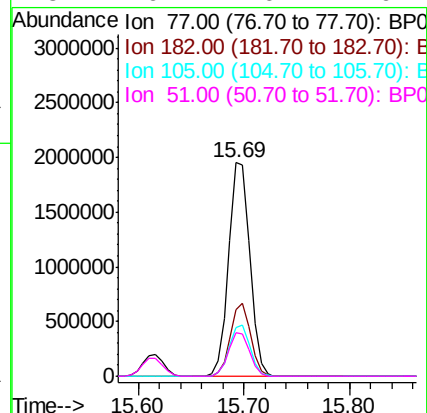
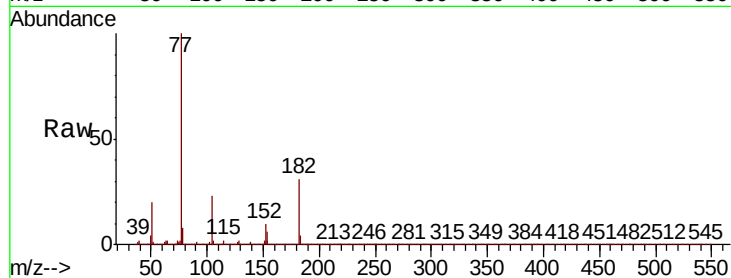




#63
Azobenzene
Concen: 28.550 ng
RT: 15.69 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

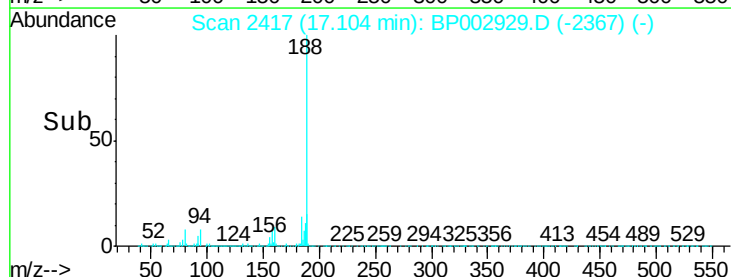
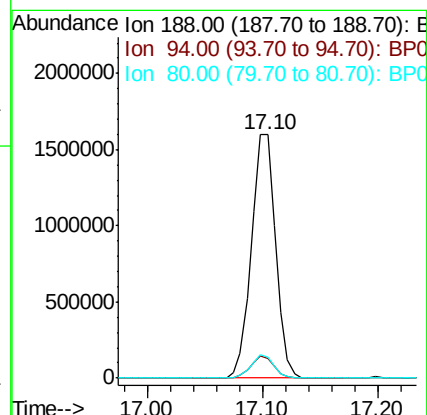
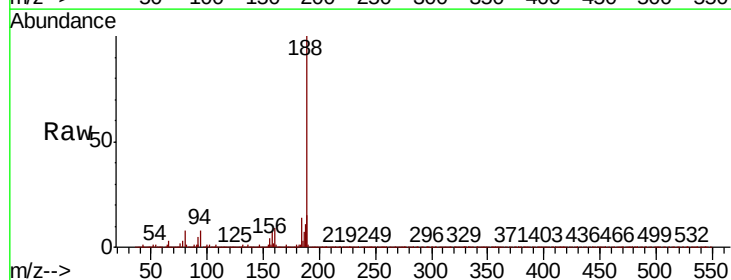
Instrument :
BNA_P
ClientSampleId :
PB130746BS

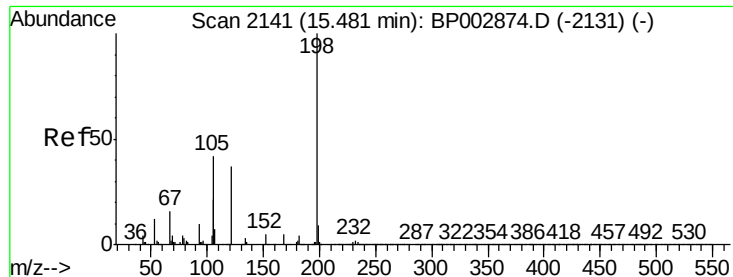
Tot Ion:	77	Resp:	2713839
Ion	Ratio	Lower	Upper
77	100		
182	31.1	6.9	46.9
105	23.1	2.1	42.1
51	20.4	0.7	40.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:	188	Resp:	2334238
Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.8	11.6
80	8.4	8.0	12.0





#65

4,6-Dinitro-2-methylphenol

Concen: 40.756 ng

RT: 15.48 min Scan# 2141

Delta R.T. 0.00 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

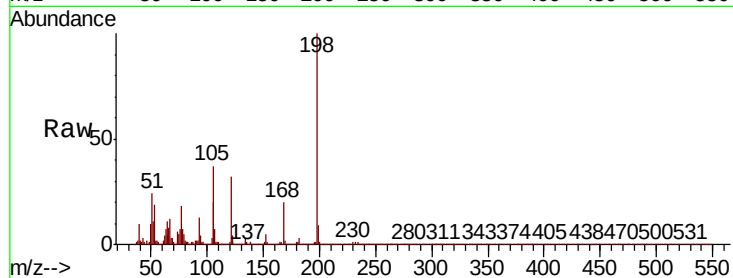
Tot Ion:198 Resp: 480893

Ion Ratio Lower Upper

198 100

51 23.8 11.6 51.6

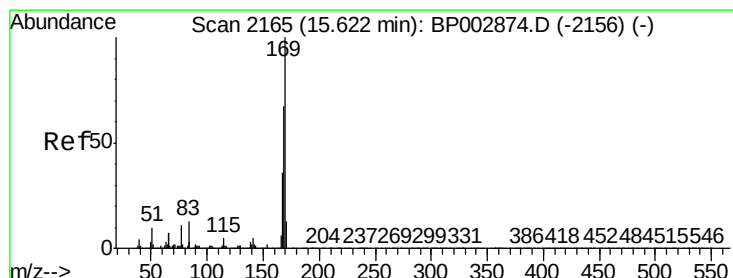
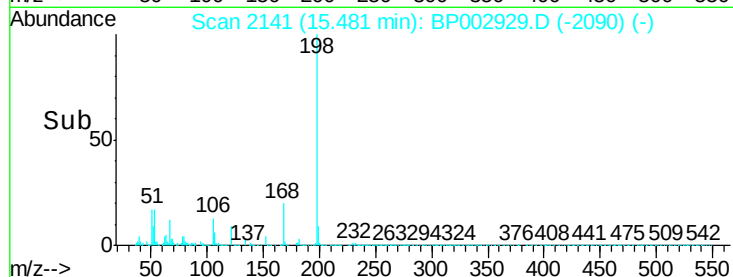
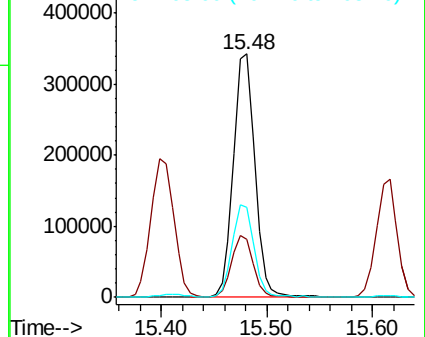
105 37.2 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 37.080 ng

RT: 15.62 min Scan# 2164

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

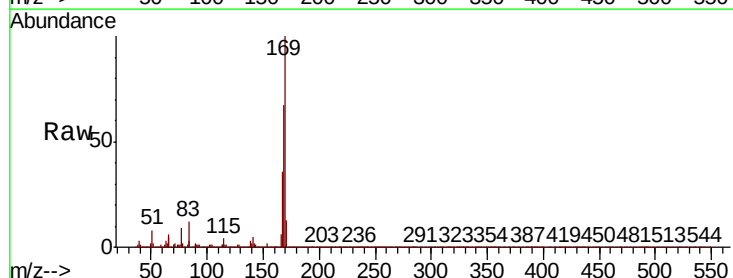
Tgt Ion:169 Resp: 2866550

Ion Ratio Lower Upper

169 100

168 66.6 53.6 80.4

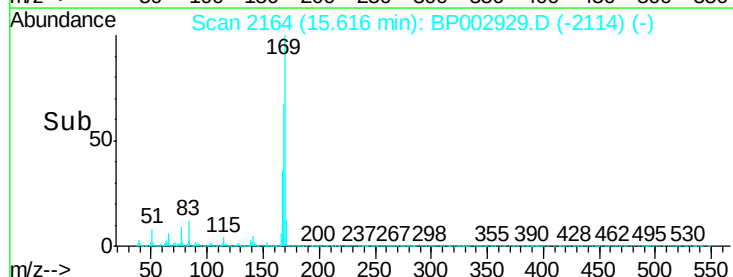
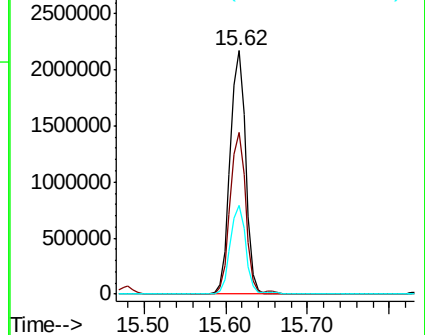
167 36.3 29.1 43.7

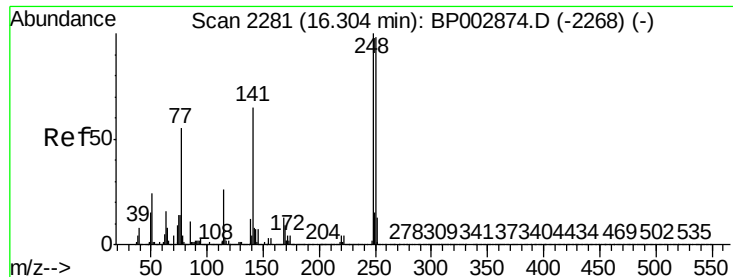


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

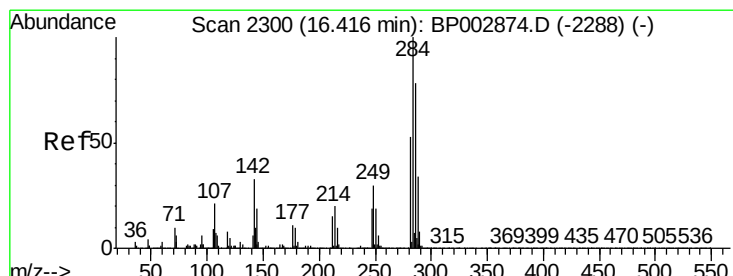
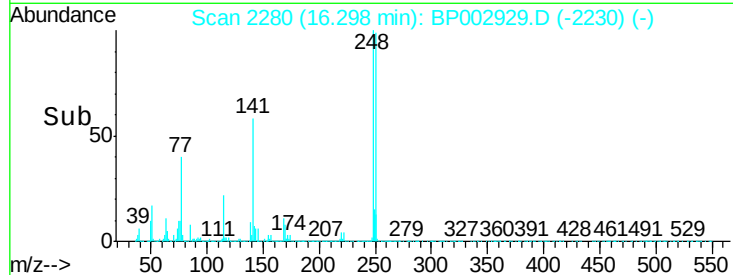
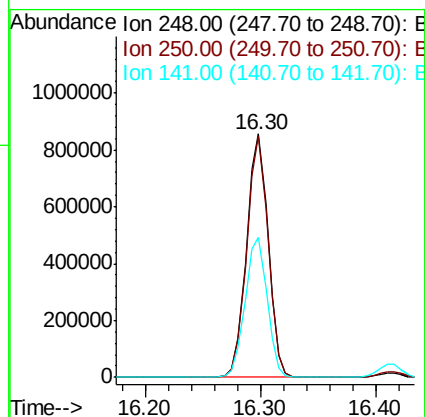
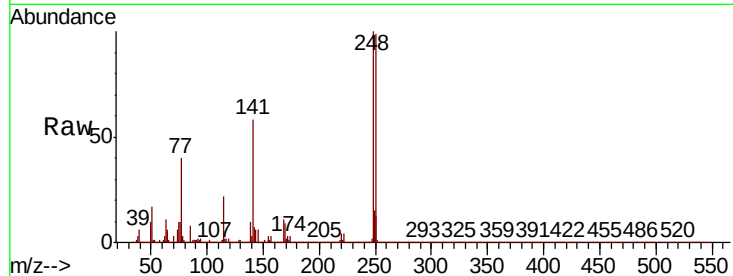




#67
4-Bromophenyl-phenylether
Concen: 39.191 ng
RT: 16.30 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

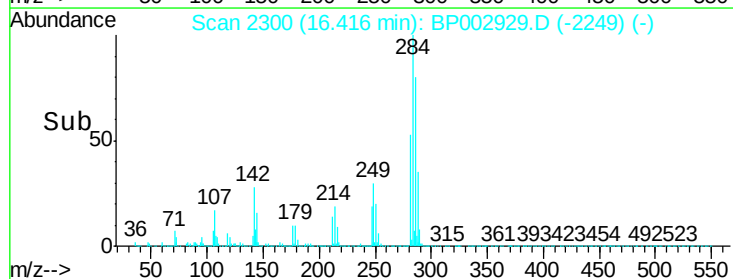
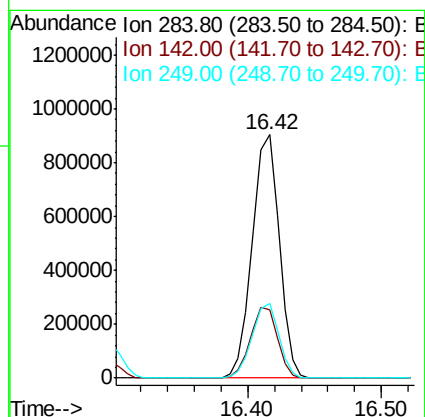
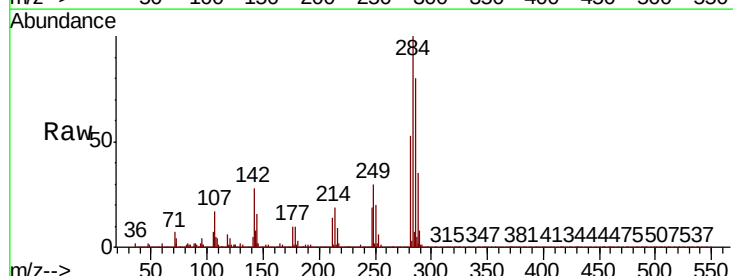
Instrument :
BNA_P
ClientSampleId :
PB130746BS

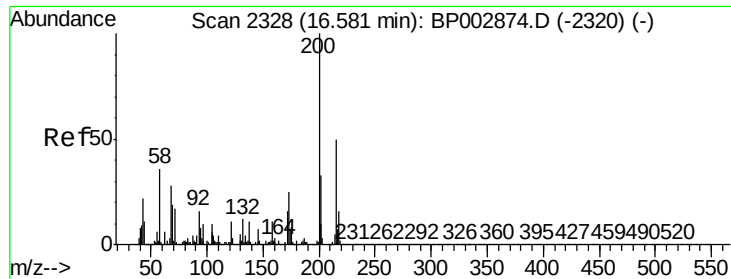
Tot Ion:248 Resp: 1112966
Ion Ratio Lower Upper
248 100
250 99.0 78.6 118.0
141 57.6 52.3 78.5



#68
Hexachlorobenzene
Concen: 38.340 ng
RT: 16.42 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion:284 Resp: 1259336
Ion Ratio Lower Upper
284 100
142 28.0 26.1 39.1
249 30.4 24.2 36.2

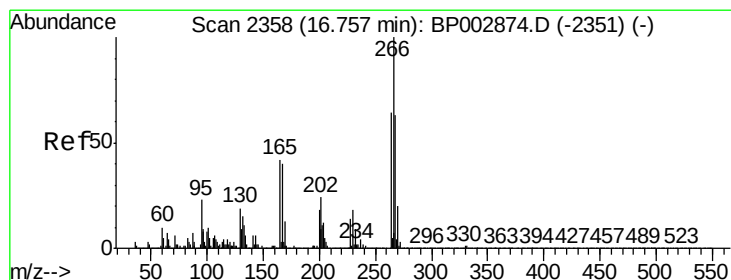
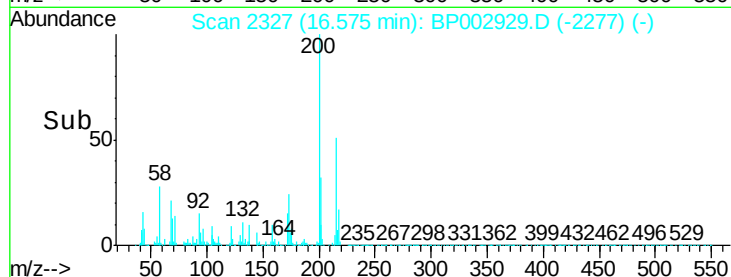
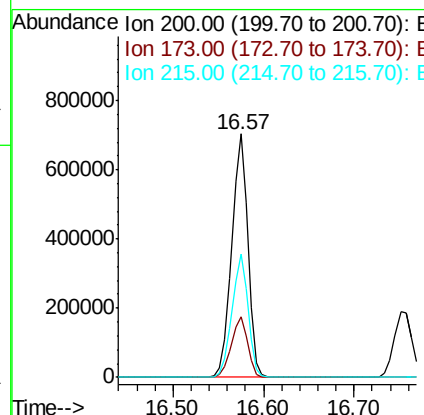
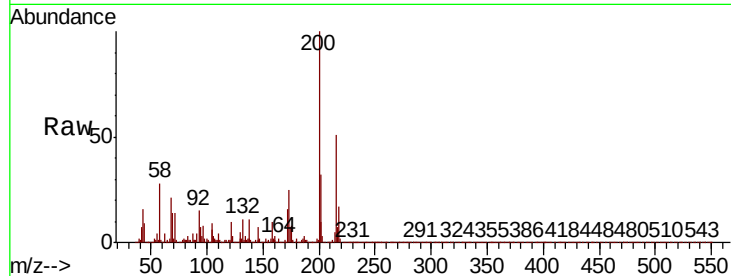




#69
Atrazine
Concen: 33.144 ng
RT: 16.57 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

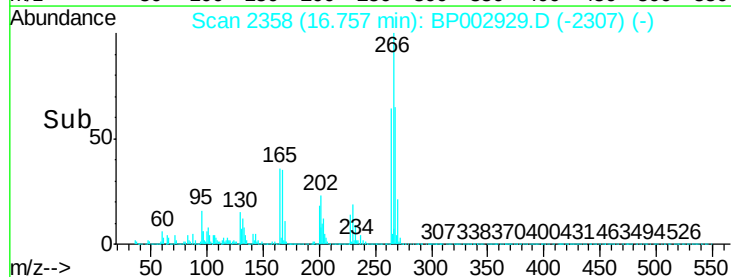
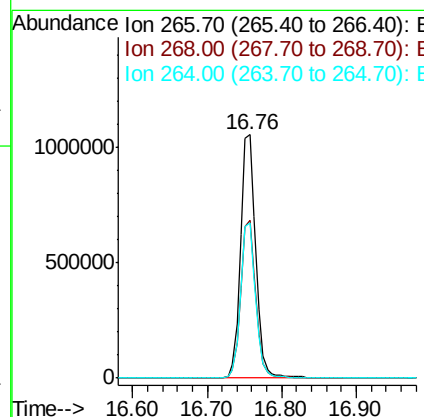
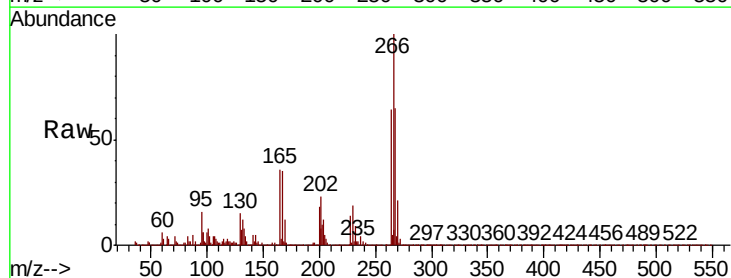
Instrument :
BNA_P
ClientSampleId :
PB130746BS

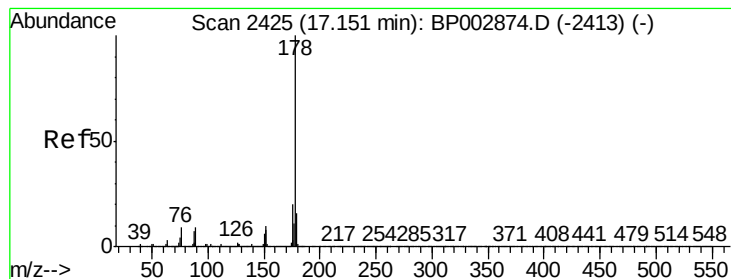
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.9	5.3	45.3
215	50.6	29.7	69.7



#70
Pentachlorophenol
Concen: 88.327 ng
RT: 16.76 min Scan# 2358
Delta R.T. 0.00 min
Lab File: BP002929.D
Acq: 07 Aug 2020 12:22

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	50.7	76.1
264	64.0	50.9	76.3





#71

Phenanthrene

Concen: 35.342 ng

RT: 17.15 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

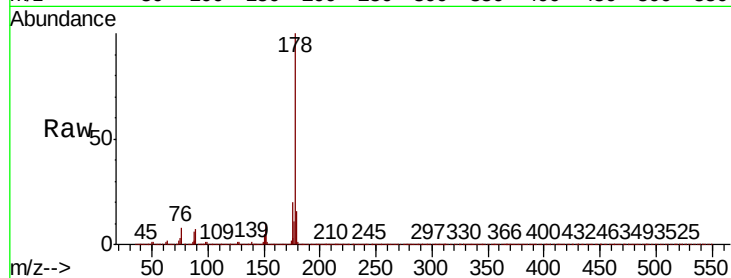
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:178 Resp: 4837531

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	16.0	13.0	19.4

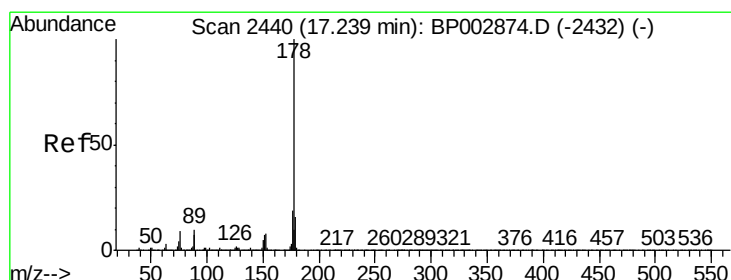
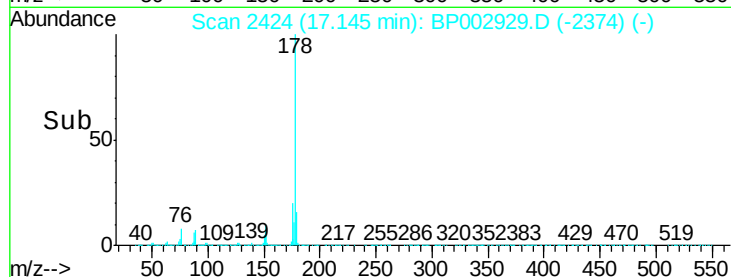
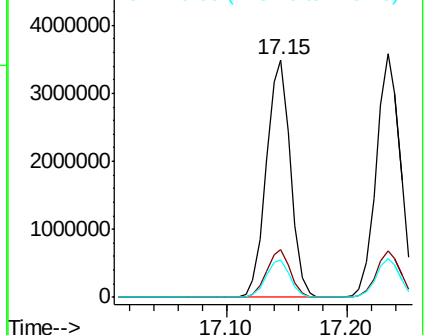


Abundance

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: 36.993 ng

RT: 17.23 min Scan# 2439

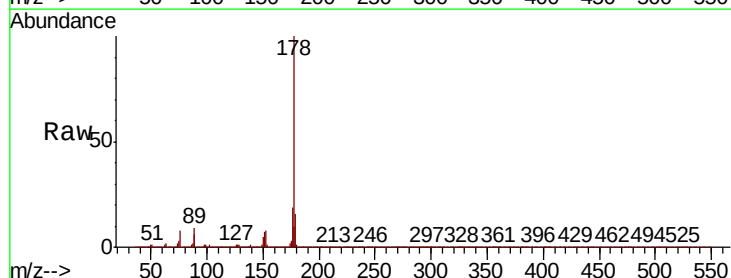
Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:178 Resp: 4948956

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	16.1	13.1	19.7

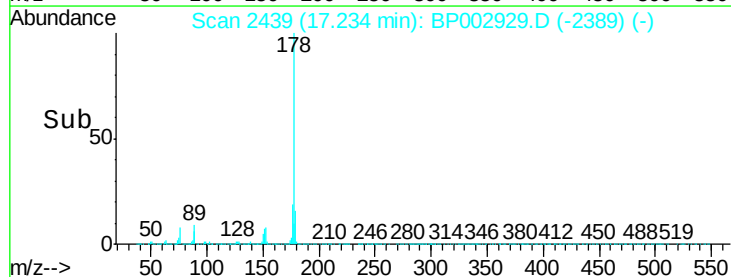
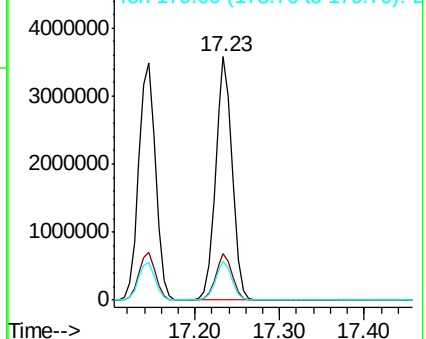


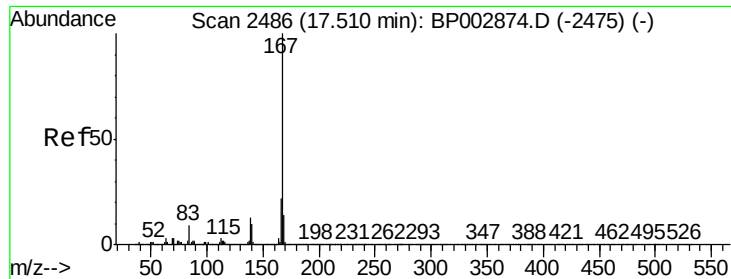
Abundance

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

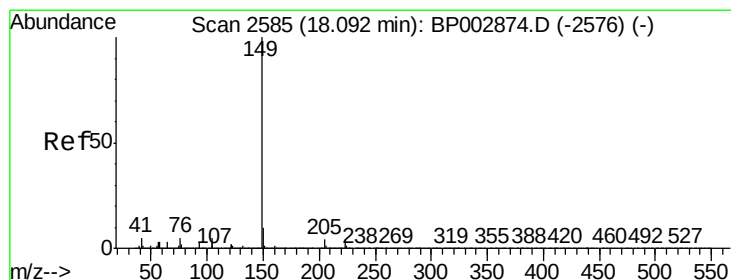
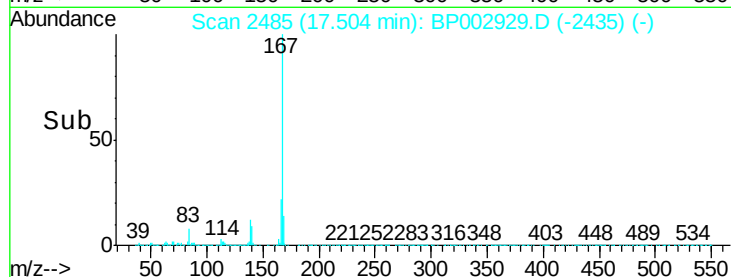
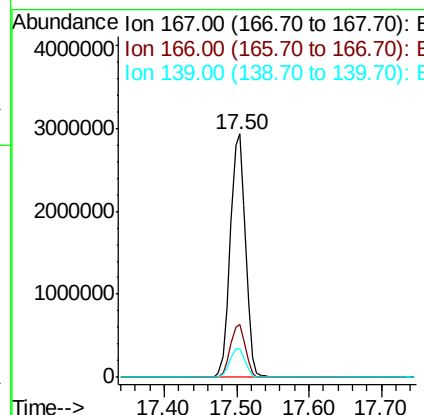
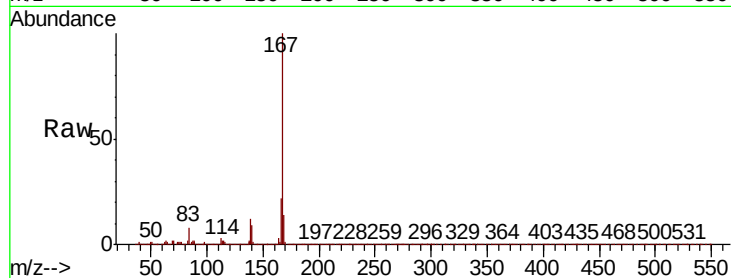




#73
 Carbazole
 Concen: 32.668 ng
 RT: 17.50 min Scan# 2485
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

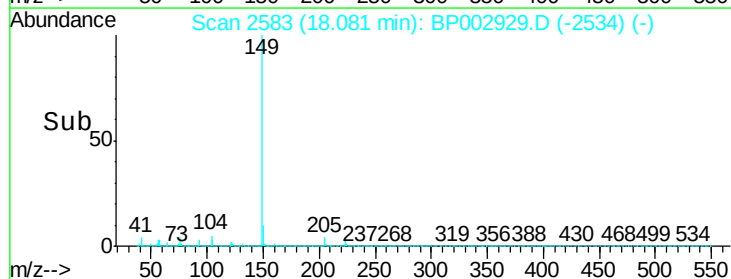
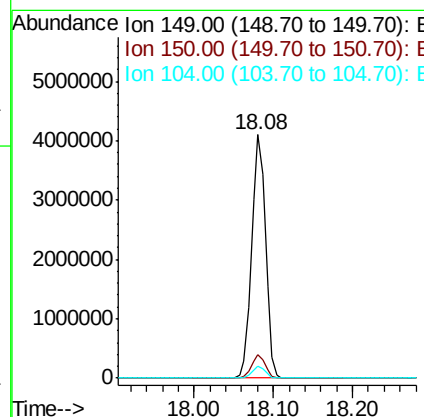
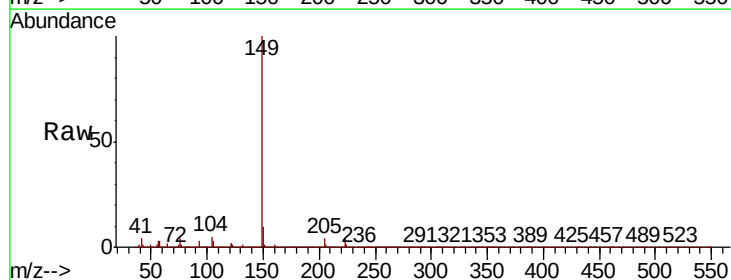
Instrument :
 BNA_P
 ClientSampleId :
 PB130746BS

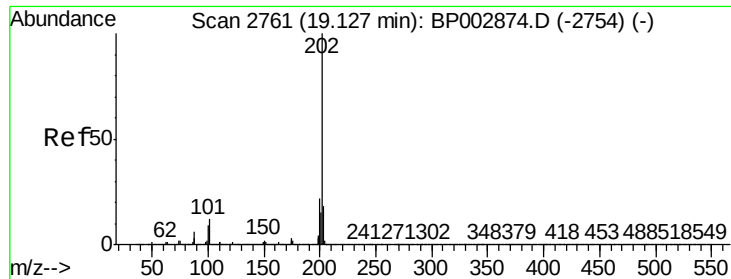
Tot Ion:167 Resp: 4268046
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 12.0 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 36.073 ng
 RT: 18.08 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BP002929.D
 Acq: 07 Aug 2020 12:22

Tgt Ion:149 Resp: 4957635
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.9 11.9
 104 4.8 4.2 6.4





#75

Fluoranthene

Concen: 33.653 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

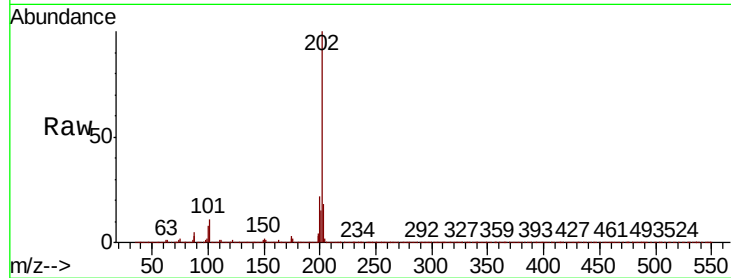
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:202 Resp: 5307299

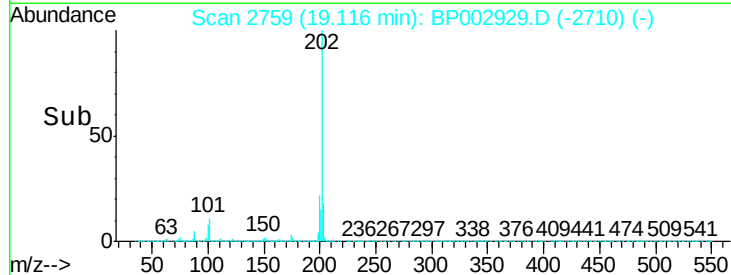
Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	31.6
203	18.5	0.0	38.4



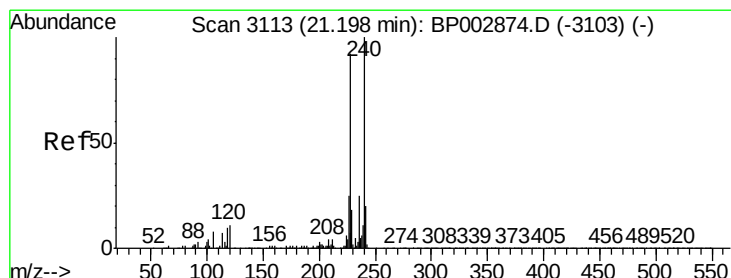
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 19.00 19.10 19.20



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.19 min Scan# 3112

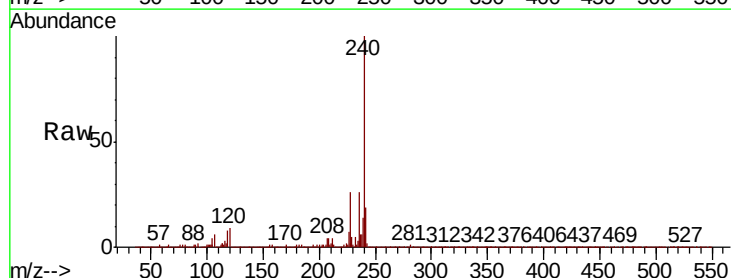
Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:240 Resp: 1807976

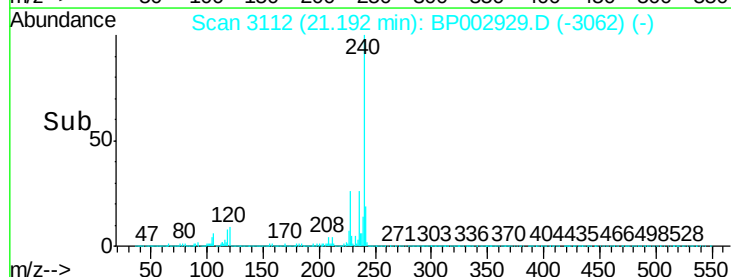
Ion	Ratio	Lower	Upper
240	100		
120	9.4	8.9	13.3
236	26.2	20.3	30.5



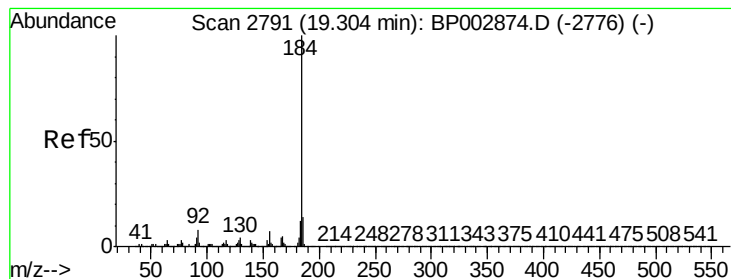
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.10 21.20 21.30



#77

Benzidine

Concen: 75.365 ng

RT: 19.29 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

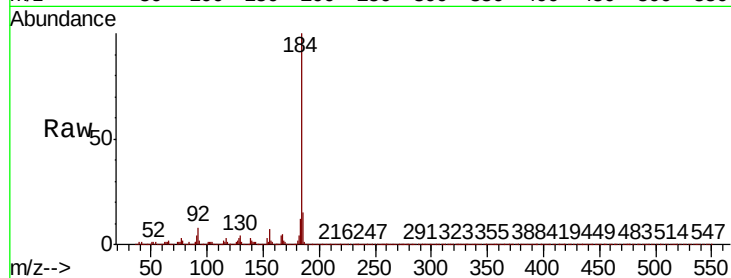
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:184 Resp: 4154984

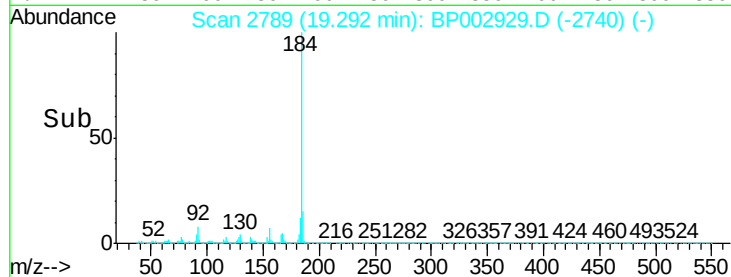
Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.4	17.0
183	11.9	9.3	13.9



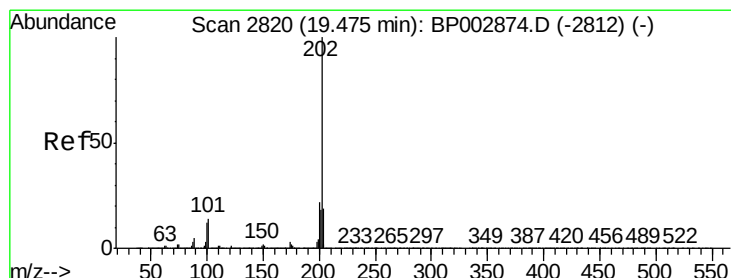
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 41.770 ng

RT: 19.47 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

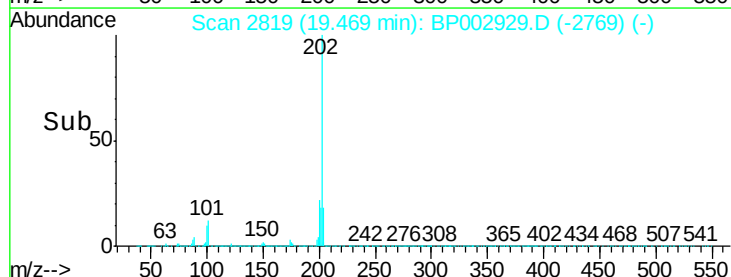
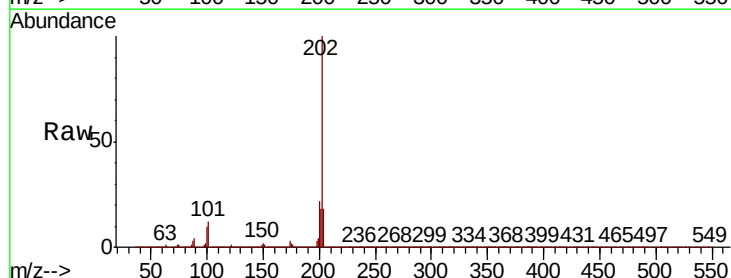
Tgt Ion:202 Resp: 5279281

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.9	26.9
203	18.2	15.1	22.7

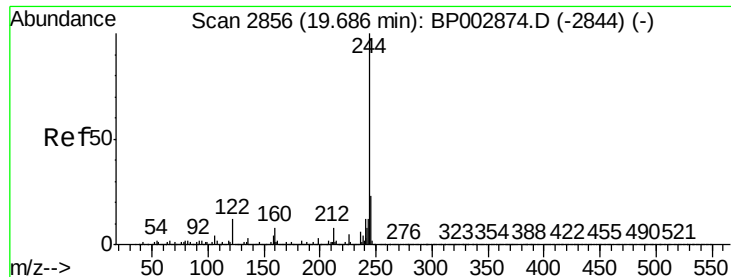
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 74.793 ng

RT: 19.67 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

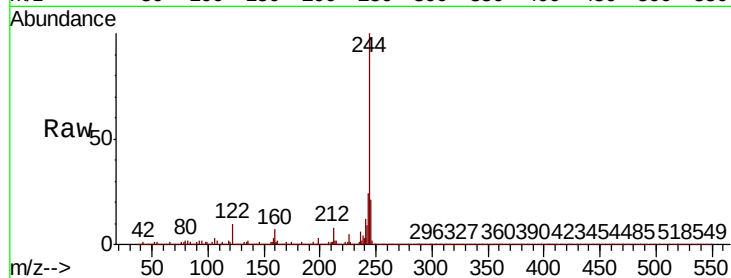
Tot Ion:244 Resp: 6754577

Ion Ratio Lower Upper

244 100

212 7.7 6.4 9.6

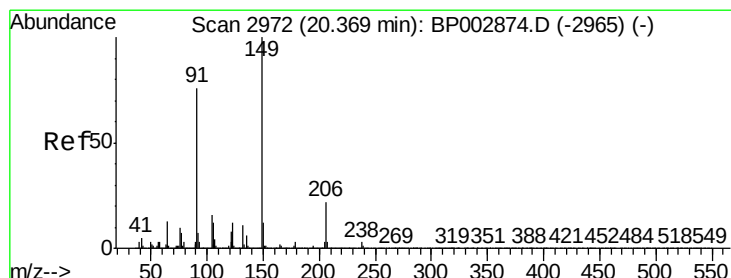
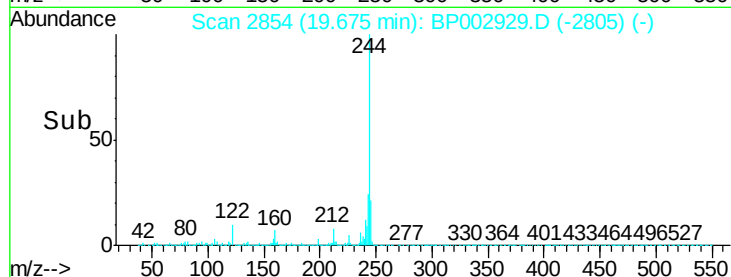
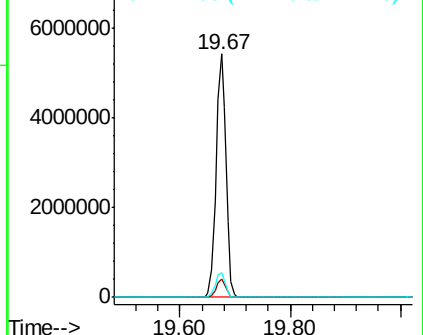
122 10.1 9.4 14.2



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: 37.695 ng

RT: 20.36 min Scan# 2970

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

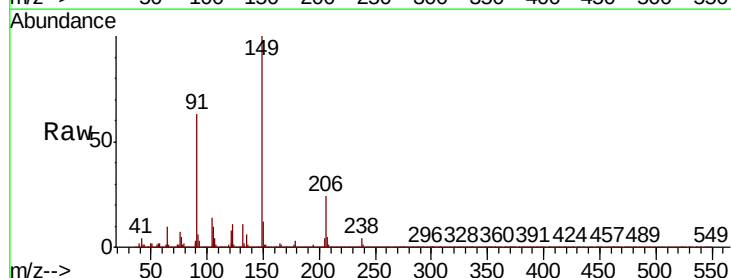
Tgt Ion:149 Resp: 1899337

Ion Ratio Lower Upper

149 100

91 63.5 60.5 90.7

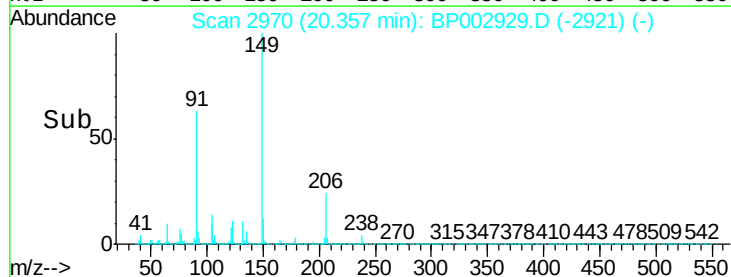
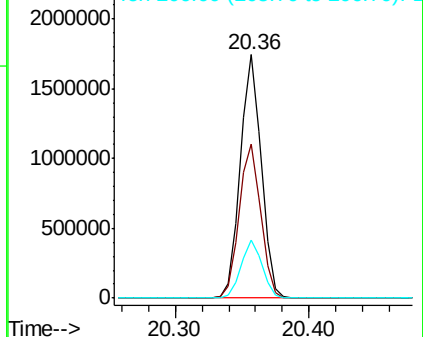
206 24.0 17.5 26.3

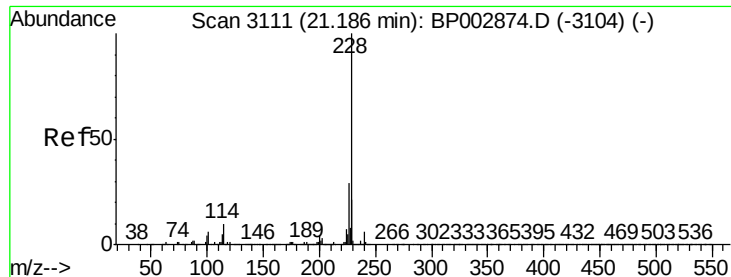


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.614 ng

RT: 21.17 min Scan# 3109

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

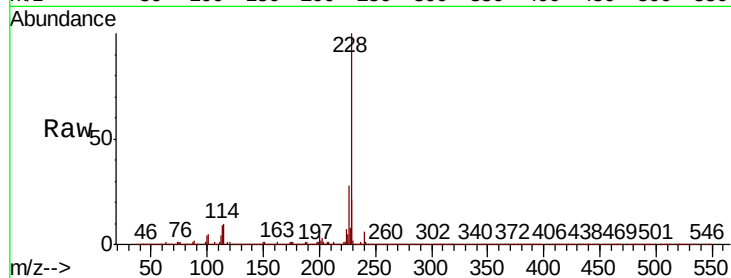
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:228 Resp: 4509077

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.3	34.9
229	20.6	16.9	25.3

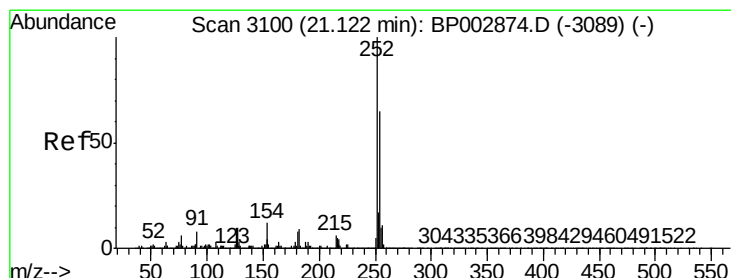
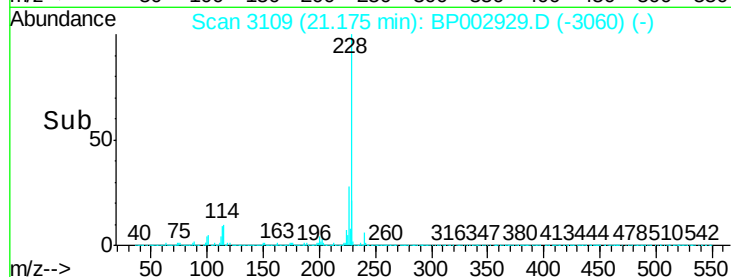
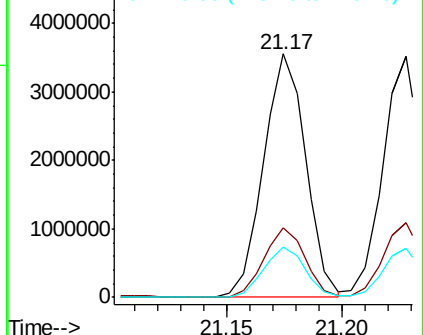


Abundance

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: 35.340 ng

RT: 21.11 min Scan# 3098

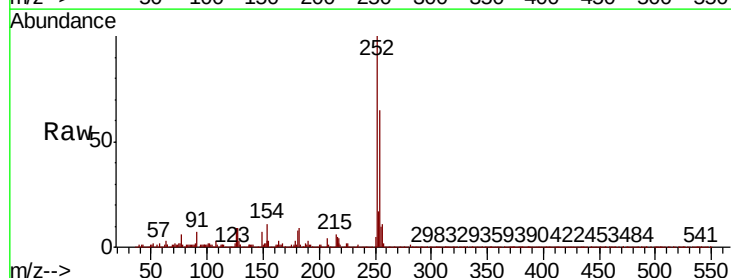
Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:252 Resp: 1722592

Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.0	78.0
126	9.4	7.9	11.9

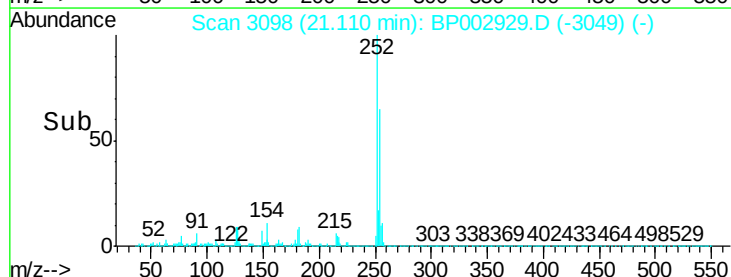
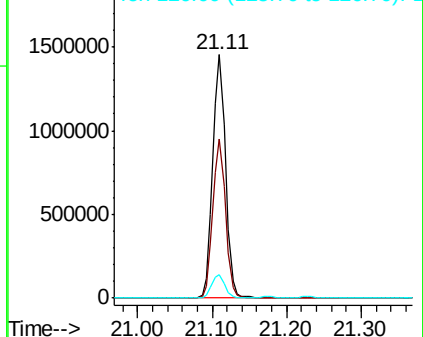


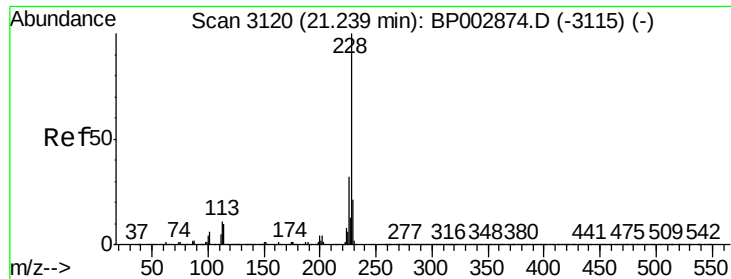
Abundance

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: 36.468 ng

RT: 21.23 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

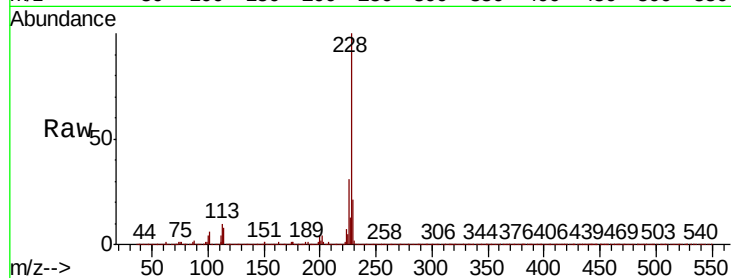
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:228 Resp: 4236447

Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.5	38.3
229	20.5	16.7	25.1

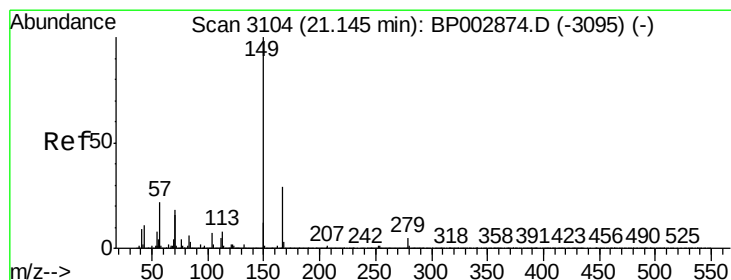
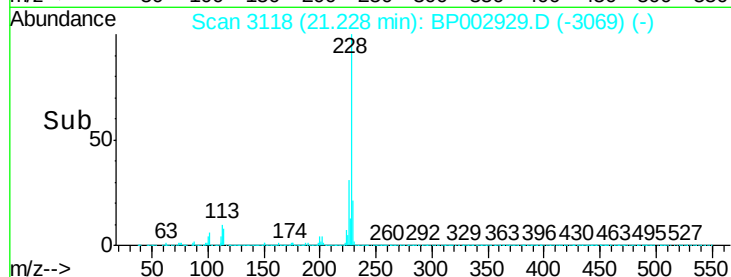
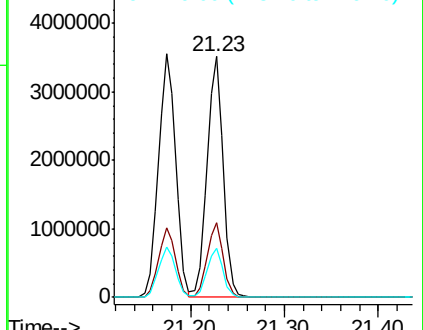


Abundance

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: 37.994 ng

RT: 21.13 min Scan# 3101

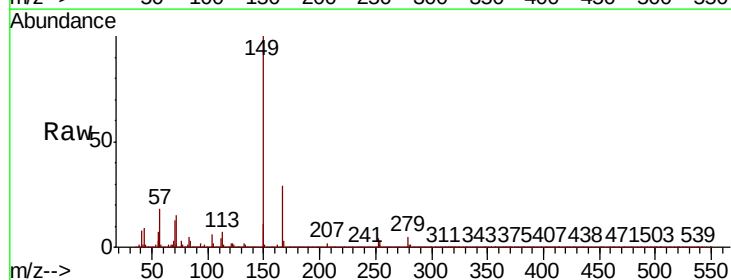
Delta R.T. -0.02 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:149 Resp: 2657665

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.4	35.2
279	5.4	4.0	6.0

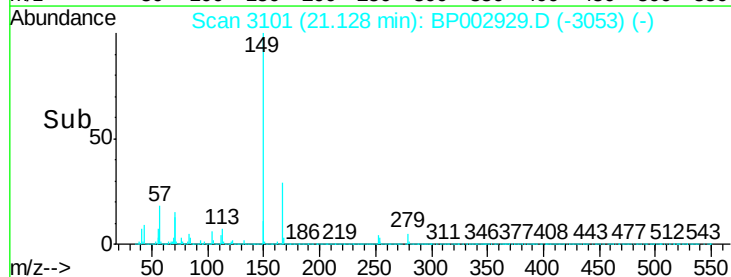
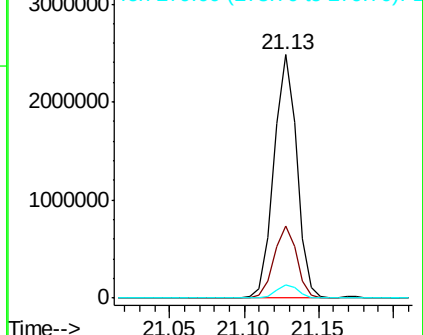


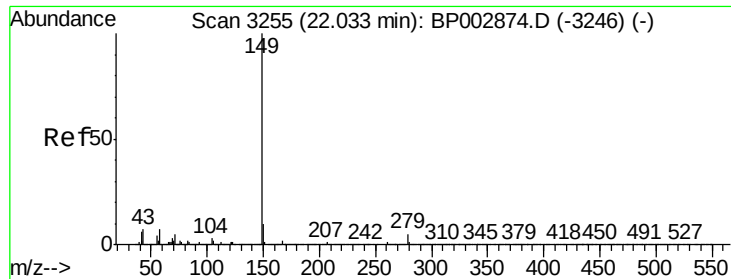
Abundance

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: 36.246 ng

RT: 22.01 min Scan# 3251

Delta R.T. -0.02 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

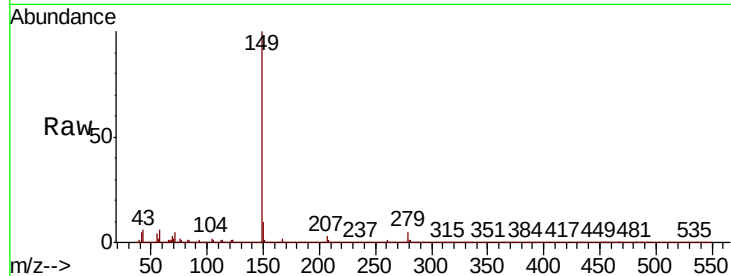
Tot Ion:149 Resp: 4165035

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

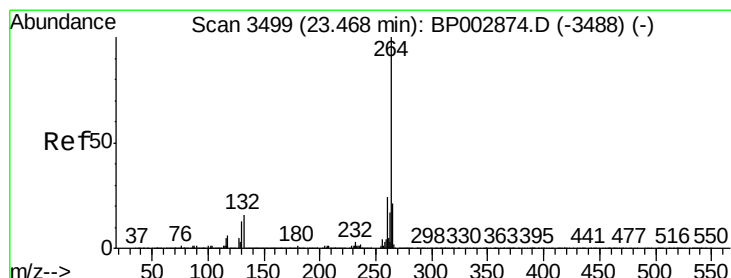
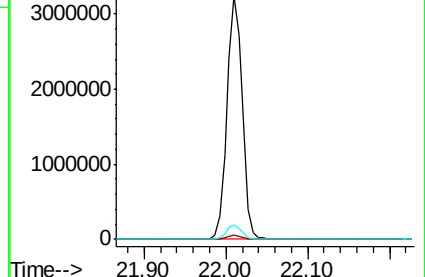
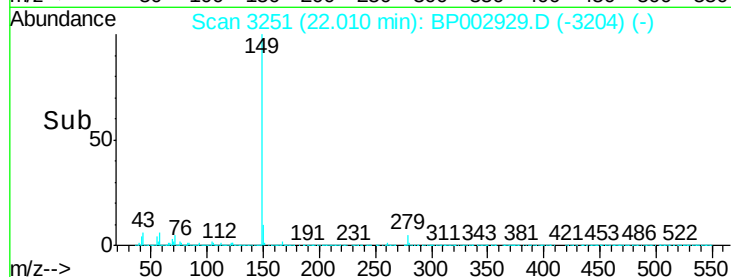
43 5.7 5.8 8.8#



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: 23.45 min Scan# 3496

Delta R.T. -0.02 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

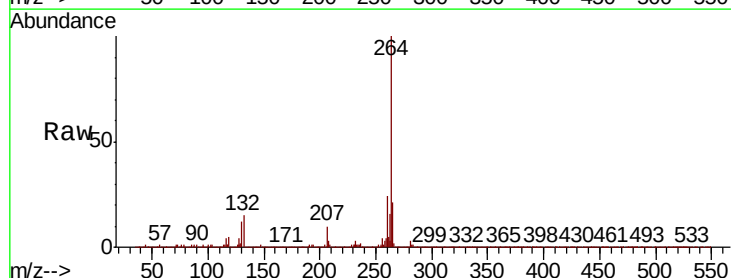
Tgt Ion:264 Resp: 1705257

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

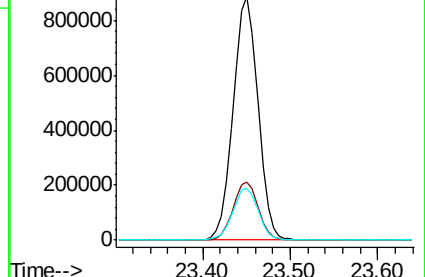
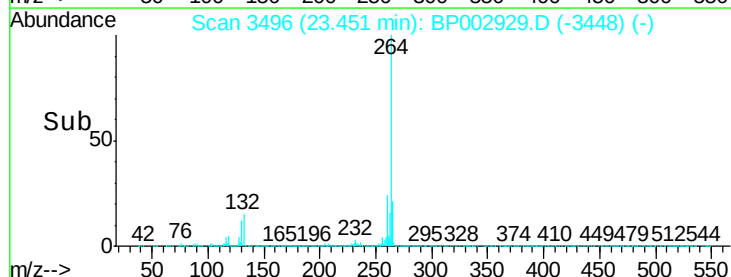
265 21.3 17.0 25.4

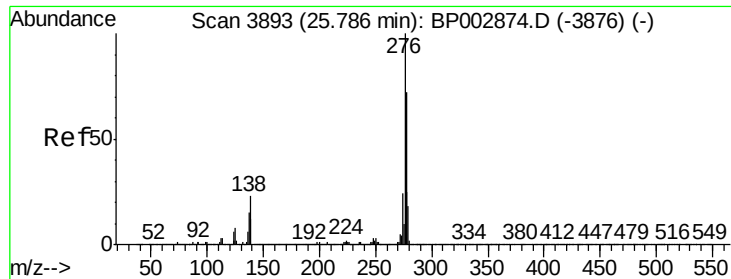


Abundance Ion 264.00 (263.70 to 264.70): E

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: 40.666 ng

RT: 25.76 min Scan# 3888

Delta R.T. -0.03 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

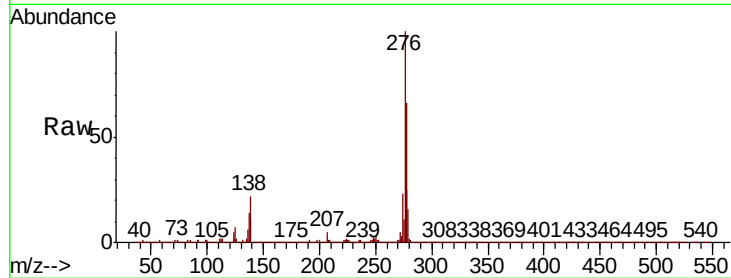
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:276 Resp: 5553739

Ion	Ratio	Lower	Upper
276	100		
138	22.5	19.3	28.9
277	25.4	20.4	30.6

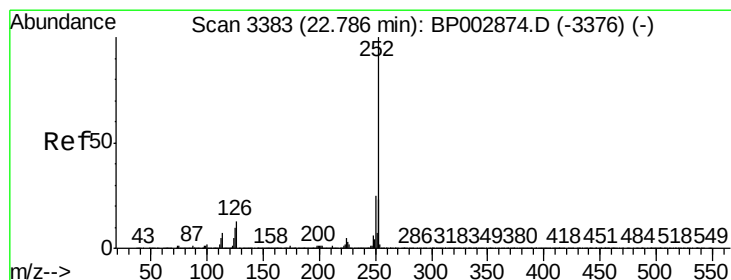
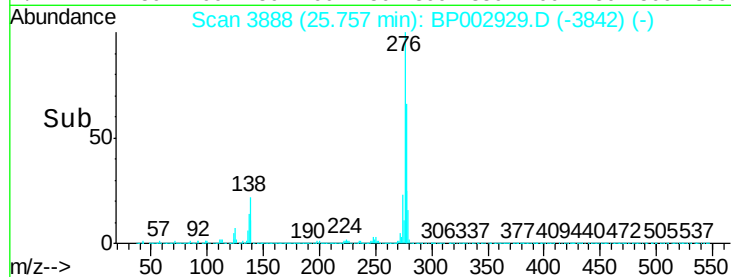
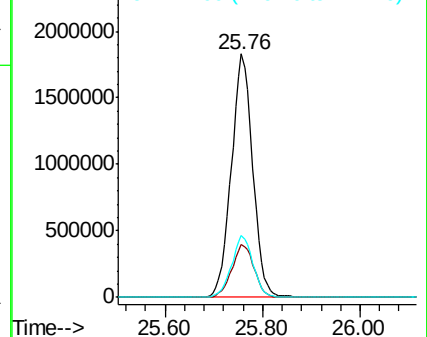


Abundance

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: 35.836 ng

RT: 22.77 min Scan# 3380

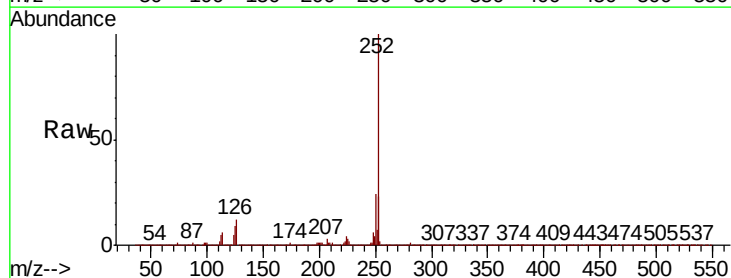
Delta R.T. -0.02 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:252 Resp: 4312326

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	9.0	7.8	11.8

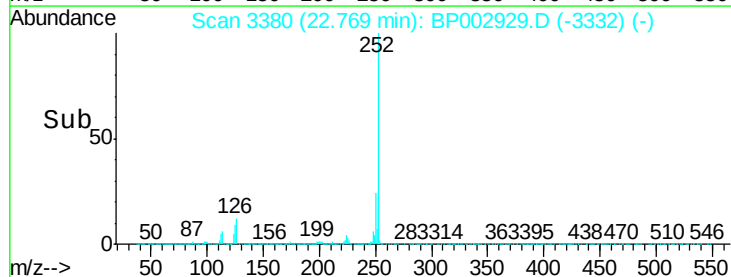
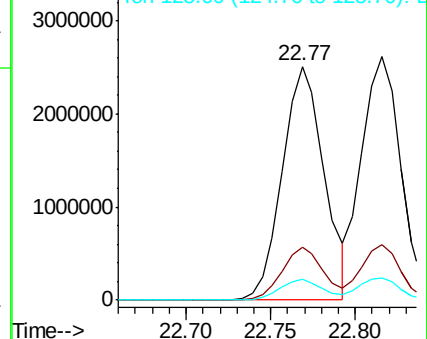


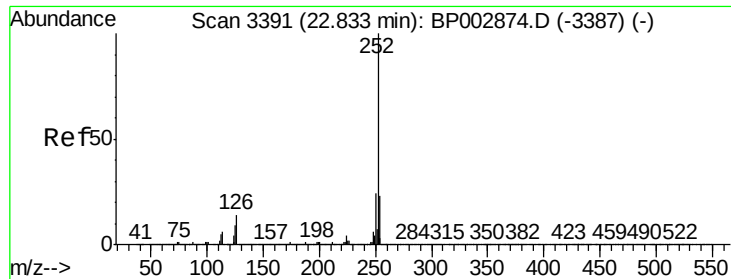
Abundance

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: 37.384 ng

RT: 22.82 min Scan# 3388

Delta R.T. -0.02 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

BNA_P

ClientSampleId :

PB130746BS

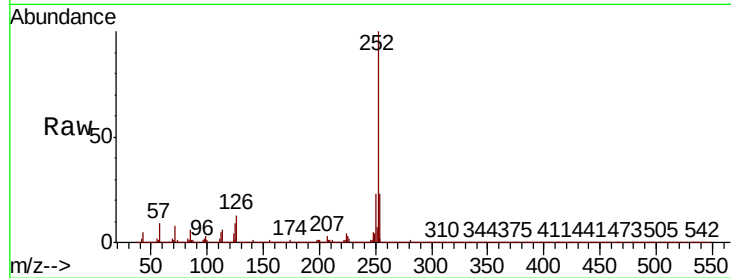
Tot Ion:252 Resp: 4252009

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

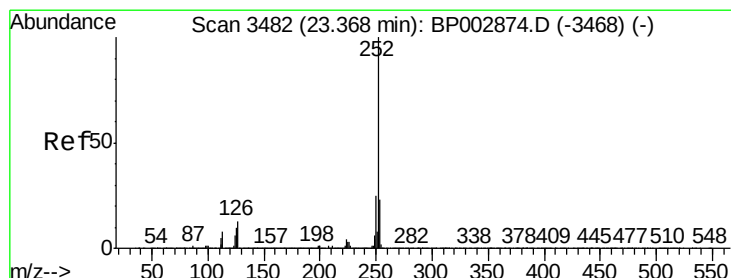
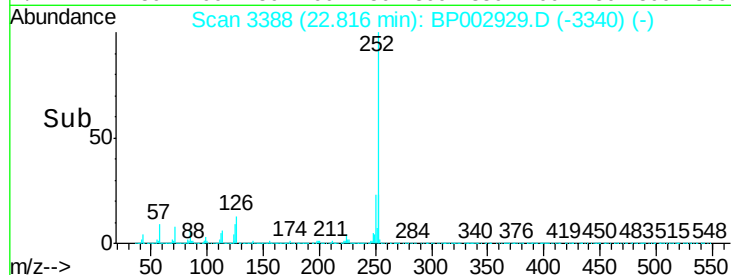
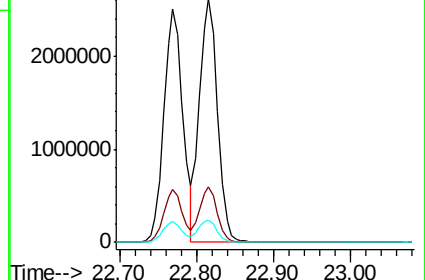
125 9.2 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 36.025 ng

RT: 23.35 min Scan# 3479

Delta R.T. -0.02 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

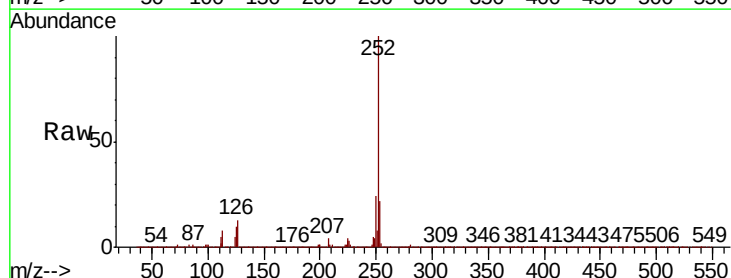
Tgt Ion:252 Resp: 3917123

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

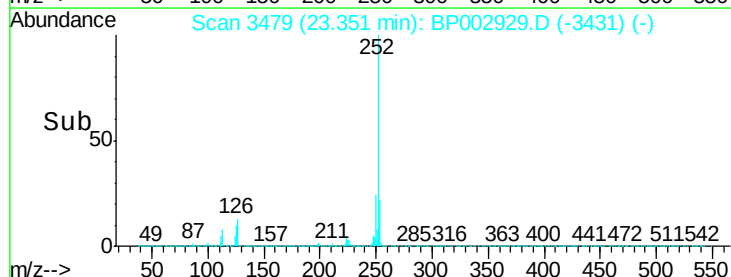
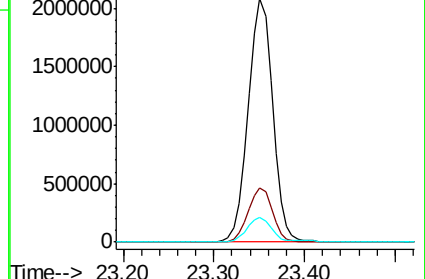
125 10.1 8.3 12.5

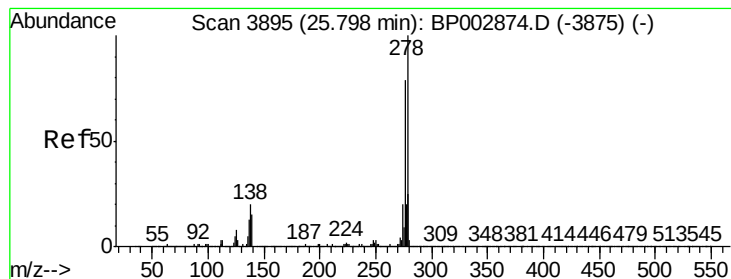


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.852 ng

RT: 25.77 min Scan# 3891

Delta R.T. -0.02 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Instrument :

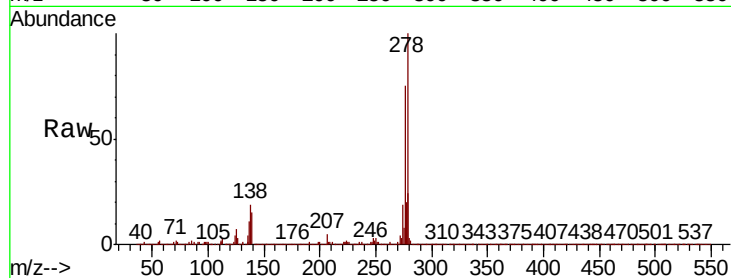
BNA_P

ClientSampleId :

PB130746BS

Tot Ion:278 Resp: 4632086

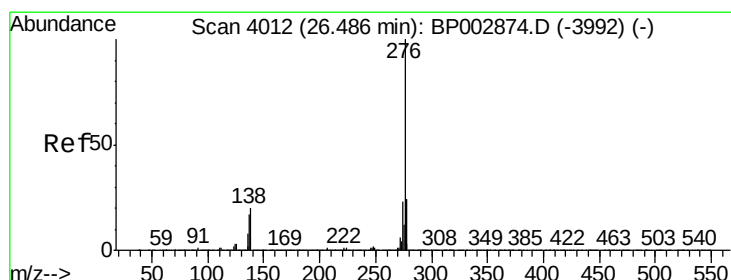
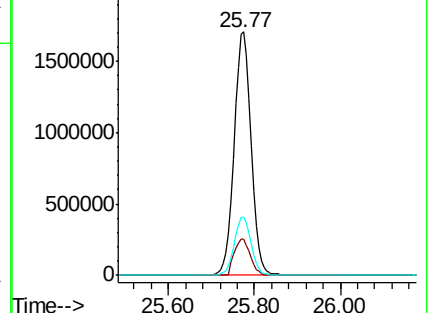
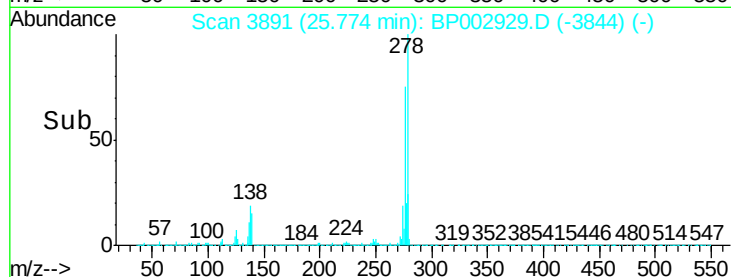
Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.4	18.6
279	24.0	19.7	29.5



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: 41.975 ng

RT: 26.46 min Scan# 4007

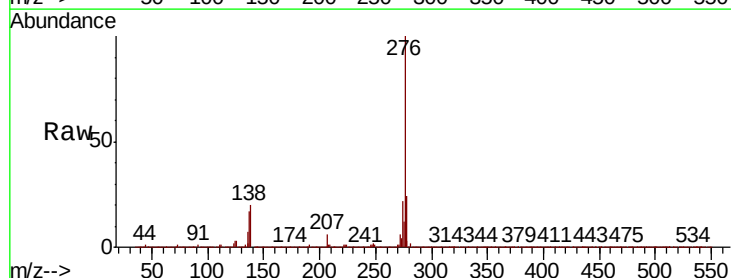
Delta R.T. -0.03 min

Lab File: BP002929.D

Acq: 07 Aug 2020 12:22

Tgt Ion:276 Resp: 4717907

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.3	28.9
138	19.5	16.2	24.2



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

